



# Community Air Action Planning

Supporting community-led air quality knowledge and action in Chiloquin, Oregon

Oregon Department of Environmental Quality  
Neighbors for Clean Air

# CAAP team

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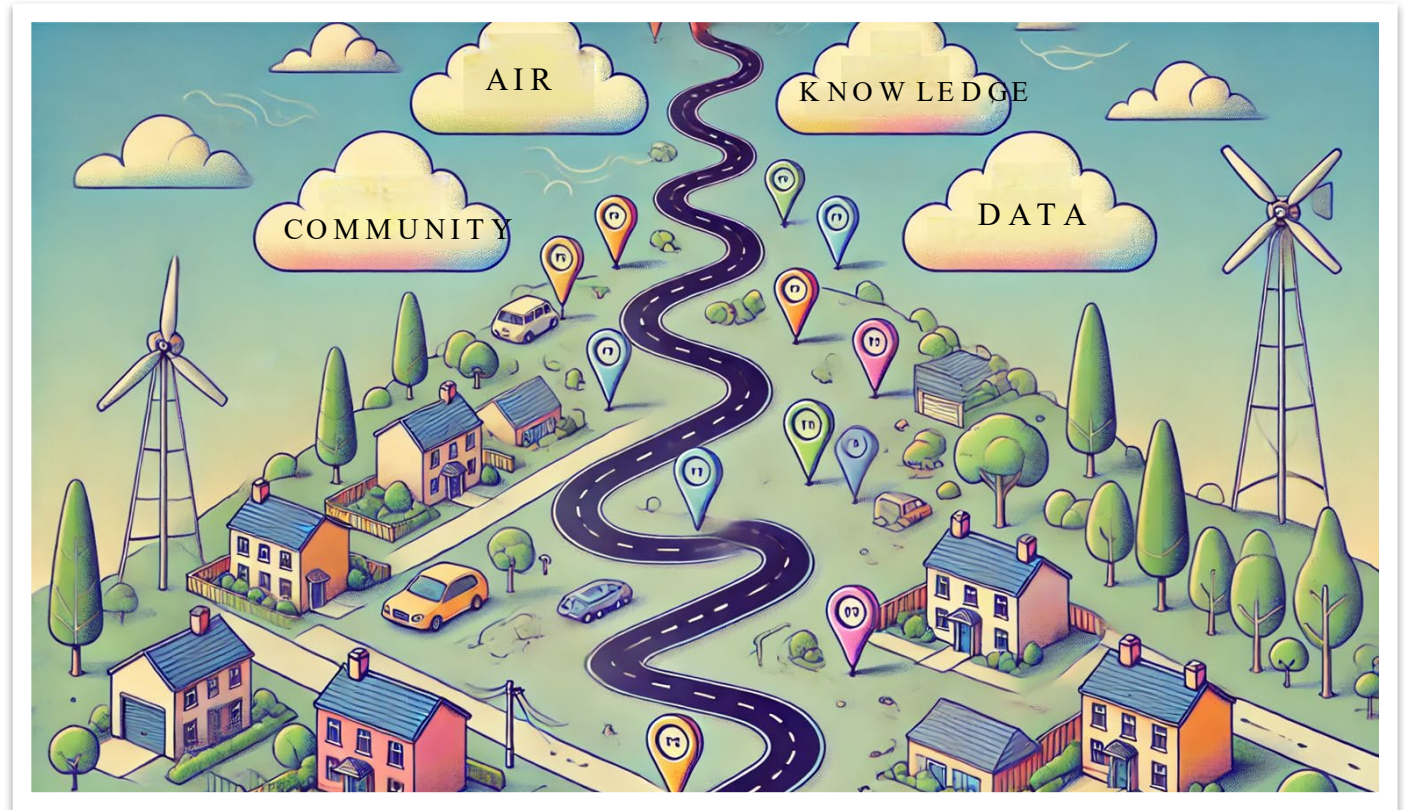


**Ryan Bellinson**



# Overview

- About CAAP w/DEQ
- Hear from NCA
- Hosting a Sensor
- Activity!
- Getting Started
- Next Steps



# About CAAP

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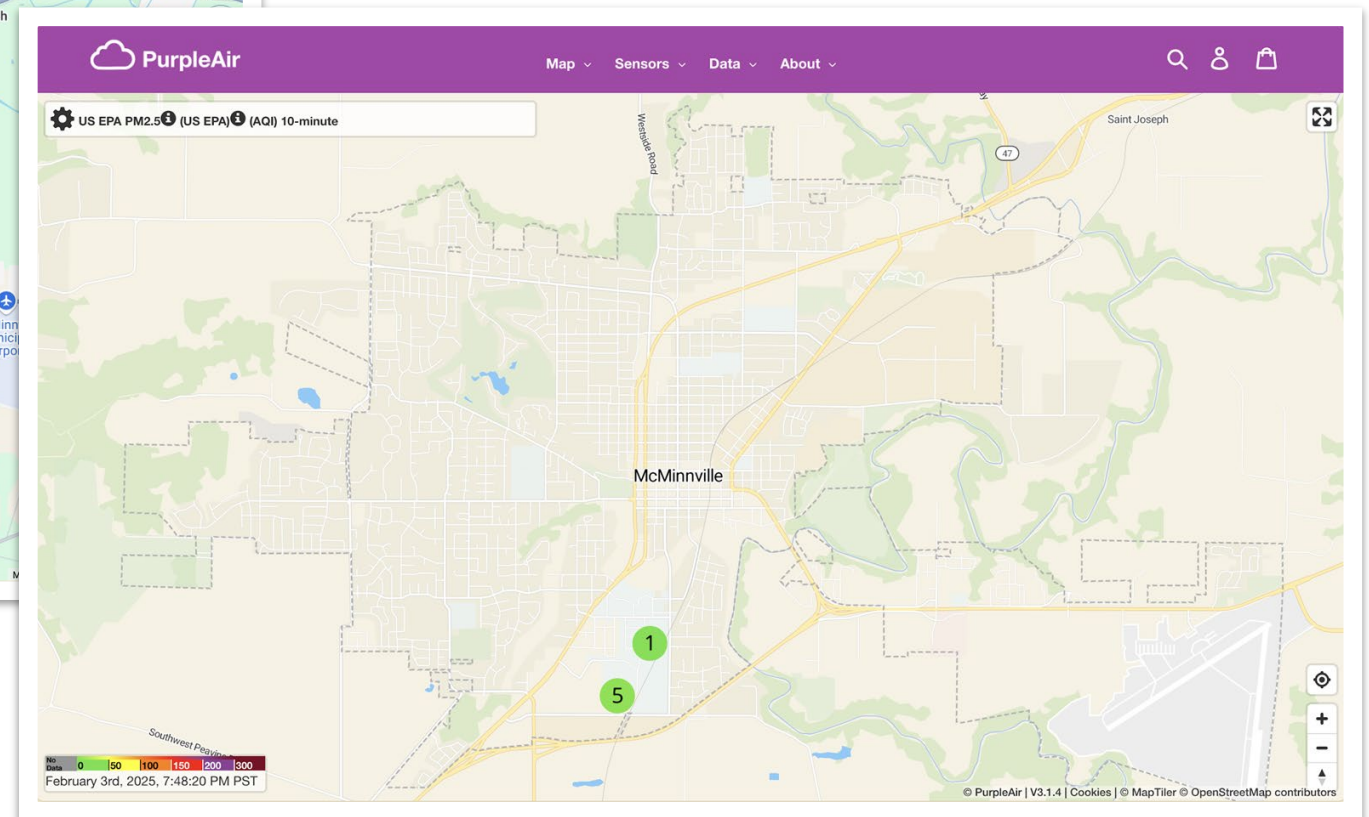
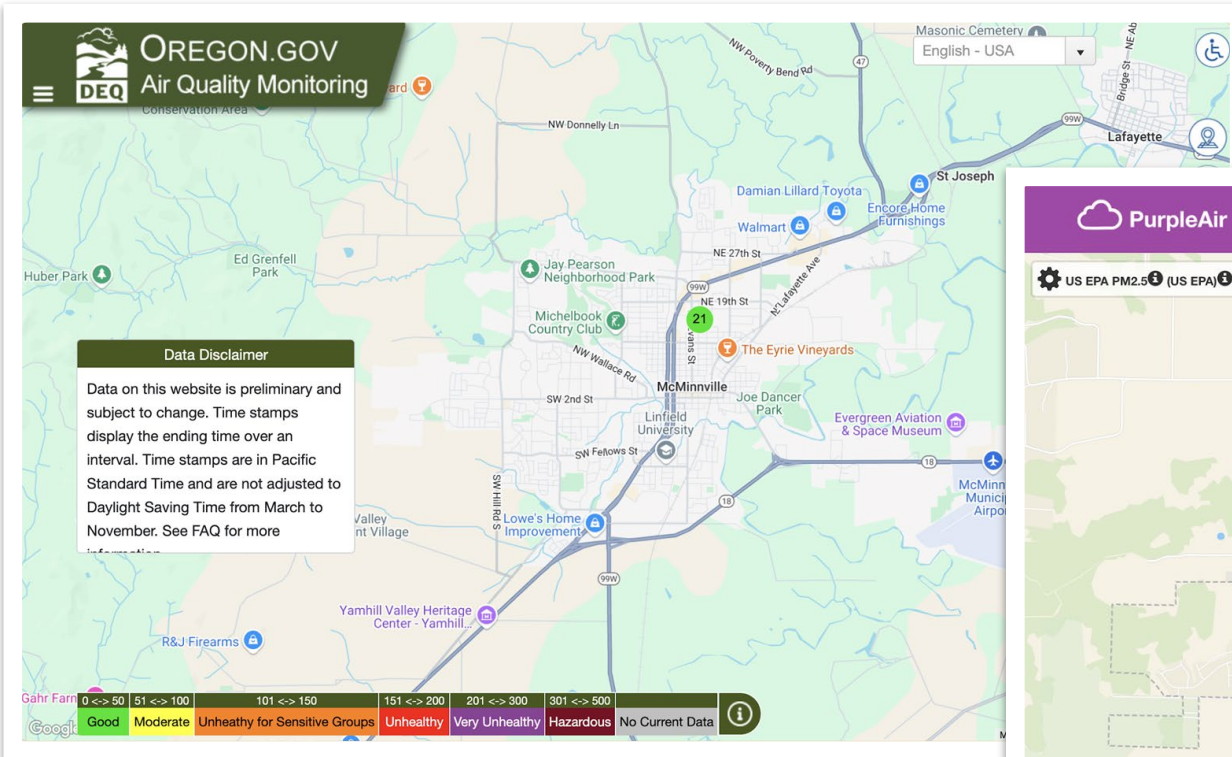
Air quality monitoring data can support community decision making.

- Understand local AQ trends
- Identify sources of pollution
- Promote public health awareness
- Drive local initiatives





# Air monitoring need



# Sensor host benefits

- Participate in real scientific data collection
- Help your community
- Stipend



# Sensor host expectations

- Begin hosting as soon as possible
- Host sensor will end Oct 1, 2025
- Keep sensor must in one location





# Sensor host expectations

- Provide suitable location for the sensor
- Provide 120V power to the sensor (from wall outlet)
- Provide Wi-Fi to the sensor





# Sensor host expectations

- Document installation and inspections
- Send photographs of installed sensor
- Inspect sensor every two weeks
- Clean sensor as needed



# Sensor placement

- What do we want to detect?
- Know why you want to monitor
- Know when you want to monitor



# Sensor placement

**Objective:** Plan air sensor placements in McMinnville!

**Collaborate:**

Areas of Concern = Sticky Notes

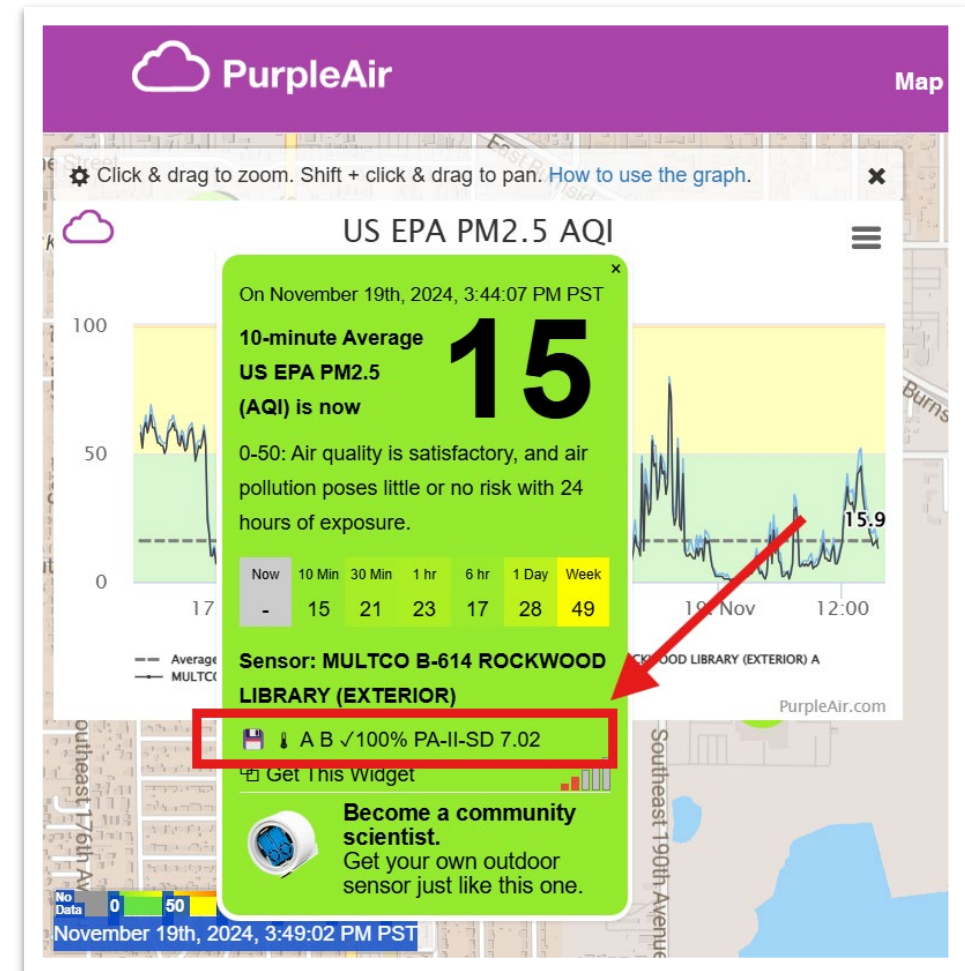
Possible Monitors = Orange Dots





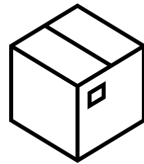
# Sensor host duties

- Take photographs
- Inspect sensor
- Check PurpleAir confidence score
- Adjust or clean sensor
- Fill out field activity form



# Next steps

- Review and fill out sensor loan agreement
- Receive sensor and materials
- Recruit more sensor hosts



# Questions?

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