



This Building Has a PurpleAir Sensor – Learn More Below!



What is a PurpleAir Sensor?

- PurpleAir sensors allow communities to monitor air quality at a local level.
- The sensors measure a type of air pollution known as particulate matter (PM) and report live data to the Environmental Protection Agency’s **AirNow Fire and Smoke Map**.
- The data is displayed as an Air Quality Index (AQI), with a color code indicating levels of concern for human health.

What is PM?

- PM (also called particulate matter) refers to a mixture of solid particles and liquid droplets, excluding pollen, found in the air.
- Fine PM is of particular concern to human health as it can be inhaled into the lungs. Exposure to high levels of PM can cause or worsen health problems such as aggravated asthma, coughing and difficulty breathing.

Air Quality Indexes and Descriptions			
Daily AQI Color	Levels of Advisory	Value of Index	Description of Air Quality
Green	Good	0 to 50	Air quality is satisfactory, and air pollution poses little or no risk.
Yellow	Moderate	51 to 100	Air quality is acceptable. However, there may be a risk for some.
Orange	Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is less likely to be affected.
Red	Unhealthy	151 to 200	Some members of the general public may experience health effects members of sensitive groups may experience more serious health effects.
Purple	Very Unhealthy	201 to 300	Health alert: The risk of health effects is increased for everyone.
Maroon	Hazardous	301 and Higher	Health warning of emergency conditions: Everyone is more likely to be affected.

Where Can I Find Additional Air Quality Resources?

If you want more information on the air quality forecast or other aspects of the local air quality program you can visit:

- DNREC’s **Air Quality** website at dnrec.delaware.gov/air/quality/
- DNREC’s **GIS tool** at de.gov/airdata

For more information on the U.S. EPA's AirNow Program, visit AirNow.gov.

For more information, contact the Delaware Department of Natural Resources and Environmental Control at (302) 739-9402.

Scan Here to Find the Local Air Quality

