

Online Resources:

Terra Ay Ay St. Croix Air Quality Network

Source: Terra Ay Ay Project
bit.ly/TAA-AirNetwork



DPNR Air Quality Program

Source: VI Dept. of Property & Natural Resources
bit.ly/vi-dpnr-air

EPA Air Quality

Source: US Environmental Protection Agency
epa.gov/air-quality



VIDOH Air Quality

Source: VI Dept. of Health
doh.vi.gov/health-topics/air-quality/

Become a community scientist!
Get an outdoor sensor to install at home.
<https://www2.purpleair.com/products/list>

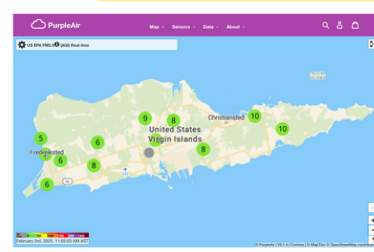


What's in the Air?



Scan QR code for
St. Croix's "Ay Ay's"
real-time hyper-local
community-based
air quality map

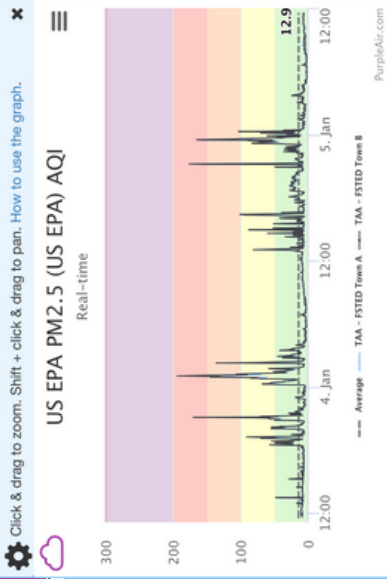
terra-ayay-project.org/air-quality



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Terra Ay Ay is a Citizen-Science Project Collecting Data on St. Croix's Air, Water & Soil Quality
www.terra-ayay-project.org





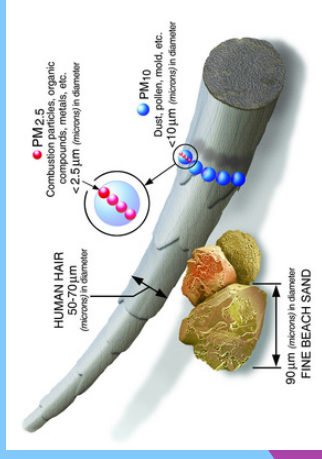
Tips for using PurpleAir Map

(scan QR code with smart camera)



These community air sensors measure:
PM (Particulate Matter), temperature, humidity, pressure, and *total volatile organic compounds (TVOCs).

**The TVOC readings are currently experimental and PurpleAir is unsure what they indicate.*



Daily AQI Color	Levels of Concern	Values 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 people, particularly those who are unusually sensitive to air pollution.
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.

Air Quality Index

Understanding the AQI & information on how poor air quality affects human health

