

The Bard College Center for Environmental Sciences and Humanities maintains an air quality monitoring station on top of the Andy Murphy Neighborhood Center at 467 Broadway in Kingston, NY. Here you can see the most recent Particulate Matter data from this sensor.

You can learn more information about the monitoring program [here](#).

You can explore historic data from Kingston [here](#).

US EPA Air Quality Interpretation

Air Quality	PM2.5 Concentration	Caution Notes
Good	0-12.0	None
Moderate	12.1-35.4	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	35.5-55.4	People with heart or lung disease, older adults, children, and people of lower socioeconomic status should reduce prolonged or heavy exertion.
Unhealthy	55.5-150.4	People with heart or lung disease, older adults, children, and people of lower socioeconomic status should avoid prolonged or heavy exertion; everyone else should reduce prolonged or heavy exertion.
Very Unhealthy	150.5-250.4	People with heart or lung disease, older adults, children, and people of lower socioeconomic status should avoid all physical activity outdoors. Everyone else should avoid prolonged or heavy exertion.
Hazardous	250.5-500.4	Everyone should avoid all physical activity outdoors; people with heart or lung disease, older adults, children, and people of lower socioeconomic status should remain indoors and keep activity levels low.

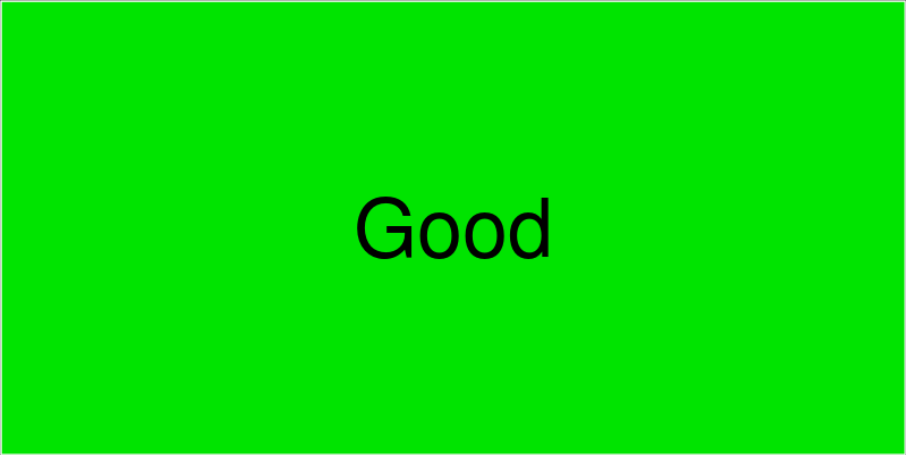


Kingston NY Air Quality

Live Data

Past 12 Hours

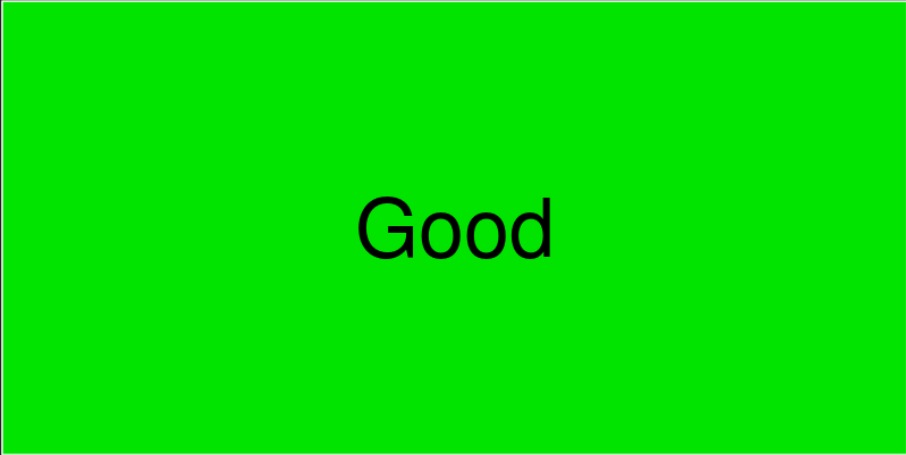
PM2.5 - Fine Particles



Current PM2.5: 4.31 $\mu\text{g} / \text{m}^3$

EPA Caution Notes: None

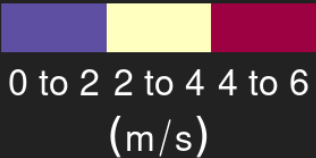
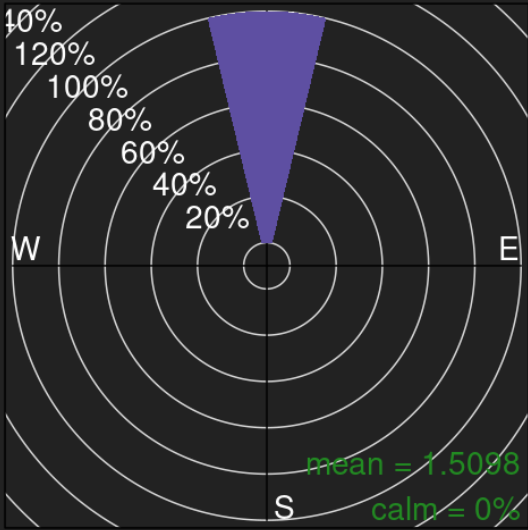
PM10 - Coarse Particles



Current PM2.5: 6.96 $\mu\text{g} / \text{m}^3$

EPA Caution Notes: None

Wind Direction - past hour



Frequency of counts by wind direction (%)

Wind Speed, m/s



Temperature, deg. F



Relative Humidity, %



References:

Particulate Matter monitor: [QuantAQ Modulair](#)

Weather Station: [OnsetRX2100](#)

This dashboards PM concentrations and warnings are based off of the EPA's Nowcast calculation method.

More info on NowCast Reporting: [Technical Assistance Document for the Reporting of Daily Air Quality](#)