

Air Quality Forecasting Updates for the District of Columbia

NOAA Air Quality Forecasters Focus Group
Workshop

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GOVERNMENT OF THE
DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR

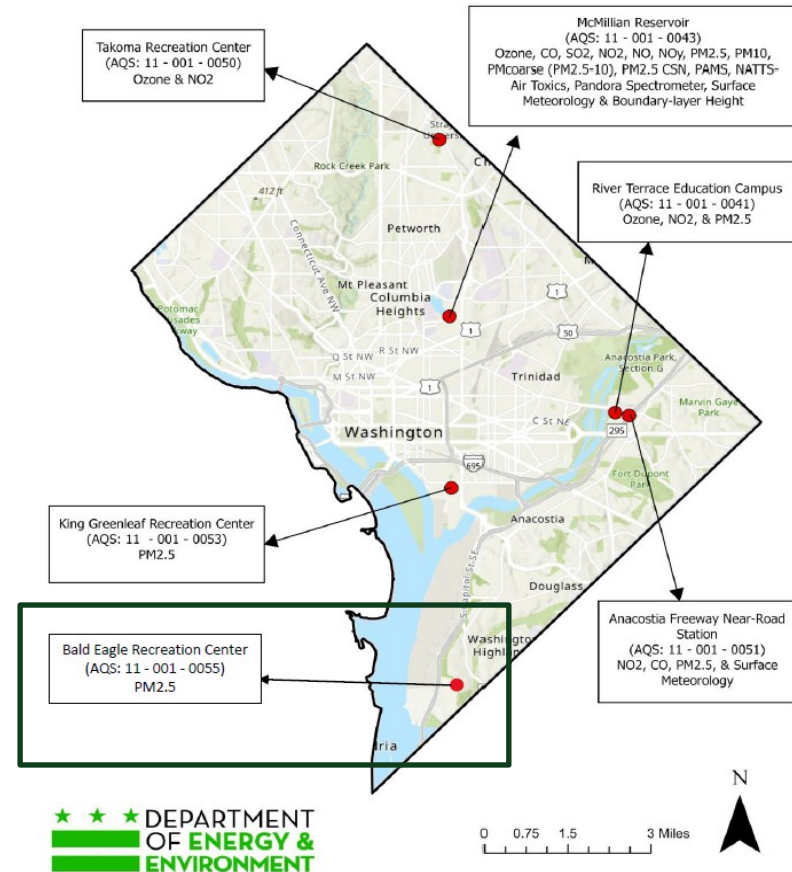
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Our newest staff forecaster



Bald Eagle Recreation Center

- Strategically placed in ward 8
- Residents were involved in the selection process of the monitor
- Currently measures PM2.5, with plans to expand
- Real-time being integrated into our forecast models.



Air Sensor Lending Program



It's completely free!!!!

Forecasting Model Enhancements for PM2.5

Develop a tool to develop hourly PM2.5 concentrations using historical air quality data and weather forecasts.

Using:

- NOAA HRRR Forecasts
- Historical Hourly PM2.5 Data
- Applying Machine learning

While its still in the testing phase, the tool could provide more localized real-time predictions.