

Potomac River Data Presentation

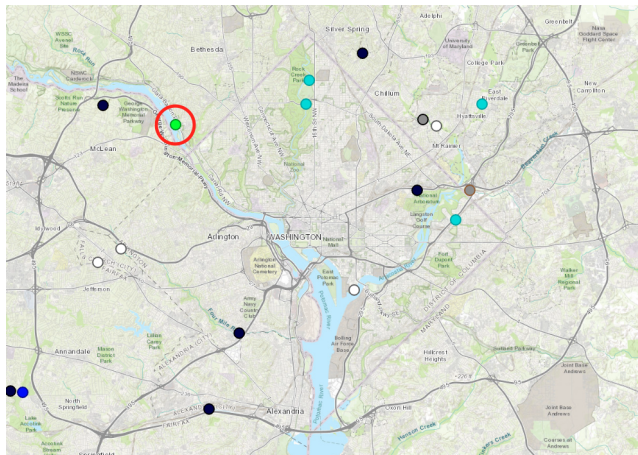
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Description of Data

- Downloaded data from the United States Geological Survey (USGS) database as a .txt file
- Daily data of the Potomac River from the Little Falls Pump Station (USGS site 01646500) for every day of 2023
- Data was opened and cleaned in Excel
- The site is located 1 mi upstream of DC
- Water parameters include: temperature, pH, turbidity, dissolved oxygen, nitrogen, discharge
- USGS gives its data a grade for approved, provisional, and estimated. Assumed data is approved for this analysis.

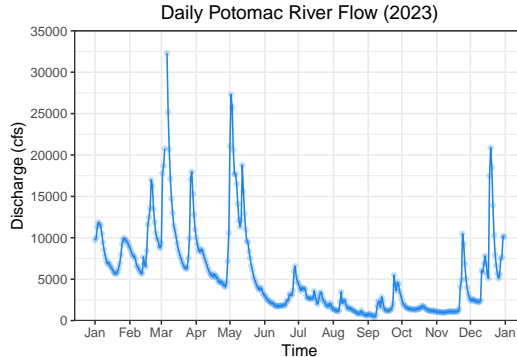
Site Location



Discharge

- Discharge (Q) is a measure of water flow. Common units are cubic feet per second (cfs) and gallons per minute (gpm)

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
450	1720	3990	5709	7920	35700



Dissolved Oxygen and Nitrogen

- Dissolved oxygen (DO) is a measure of how much dissolved oxygen is in water. Units are mg/L as DO.
- Nitrogen (N) is a measure of the amount of dissolved nitrogen in water. Units are mg/L as N.

