

Watershed Monitoring in Acadia National Park

Collaborative Internship Between COA and FOA

Summer 2018

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COA-FOA-ANP Partnership

- COA
 - Students gain employable skills
 - Professional development and networking
- FOA
 - Gives students the opportunity to work on FOA mission-related projects
- NPS
 - Baseline data collection in watersheds



Tasks

Field Measurements:

- Stage measurement
- Discharge Measurement
- Bacteria Sampling
- Water quality sampling
- Mapping stream reaches



Data Processing:

- ArcGIS software
- AnecData.org
- Data management and quality control

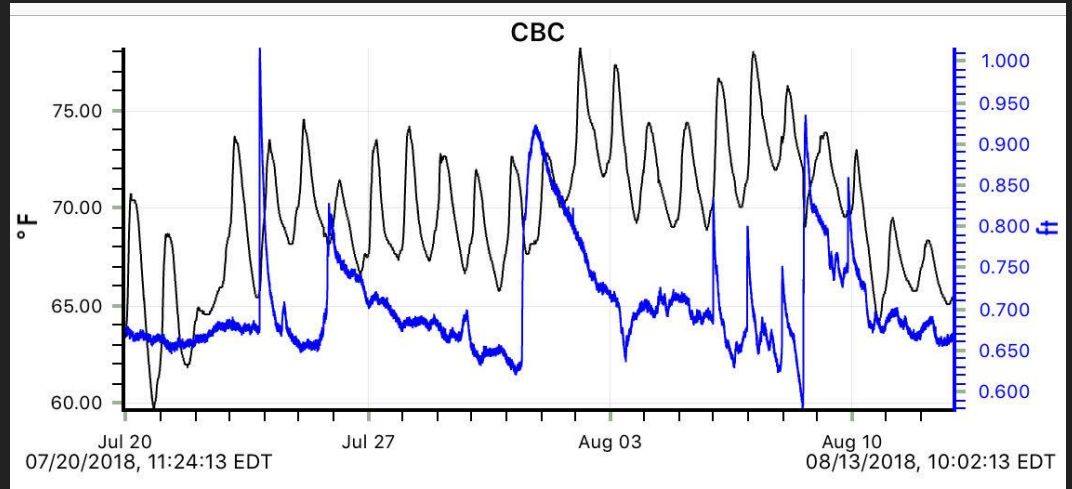


Research Questions/Goals:

- Water Quality Study (see poster!)
 - Is there a measurable correlation between turbidity and bacteria?
 - Where are the main bacteria inputs in the Cromwell Watershed?
- Mapping stream reaches/geomorphology
 - Breakneck Brook
 - Great Meadow Tributaries



Watershed monitoring in 5 drainage basins



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