Engaging with Data
Visualizations
Air Temperature

Overview
Students investigate air temperature data across different, mystery locations. Students are introduced to data visualizations. *Note: this student activity explicitly applies the 3 Levels of Engagement with Data.*

Learning Outcomes
Students will be able to:
- Orient to, interpret, and synthesize air temperature data across different mystery locations.

Data Resources:
- This activity has students engage in explorations of real-time and archived water quality and weather data collected as part of the National Estuarine Research Reserve (NERR) System Wide monitoring Program (SWMP).

NGSS and Climate/Ocean Literacy Connections
- **Disciplinary Core Ideas:** MS.ESS2.D: Weather and Climate
- **Science and Engineering Practices:** Analyzing and Interpreting Data
- **Crosscutting Concepts:** Patterns