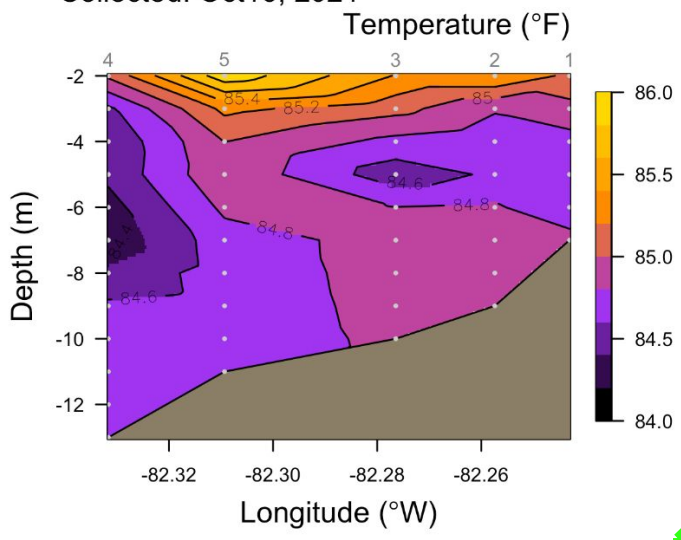
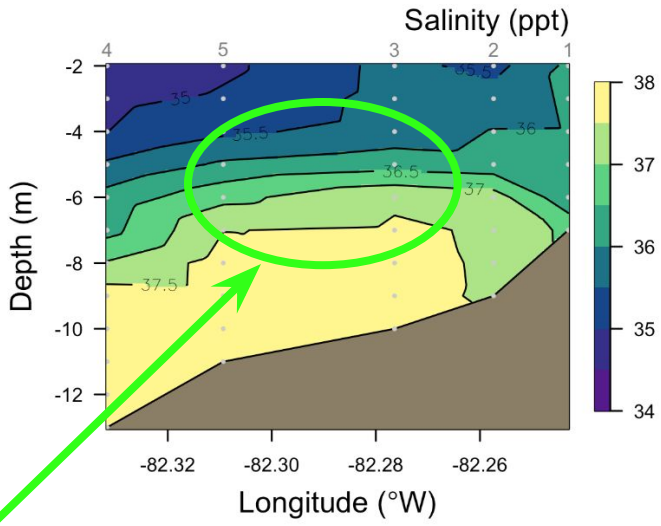
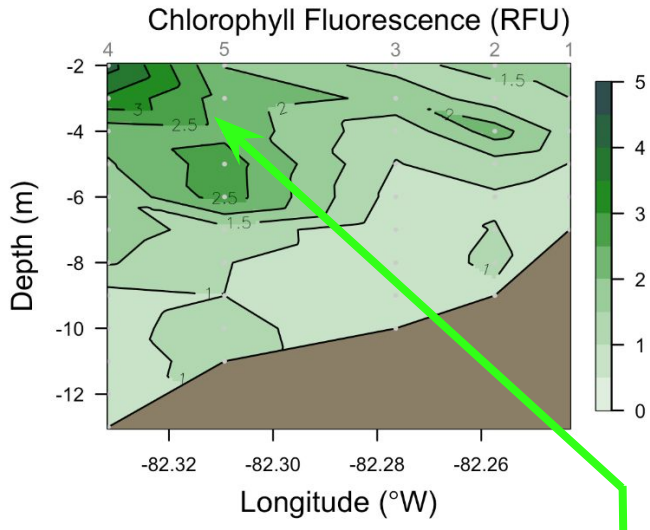
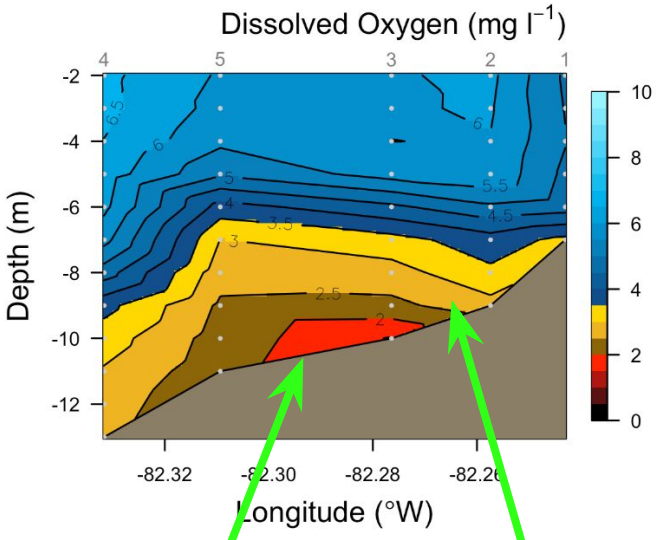
FCWC Water Quality Bulletin

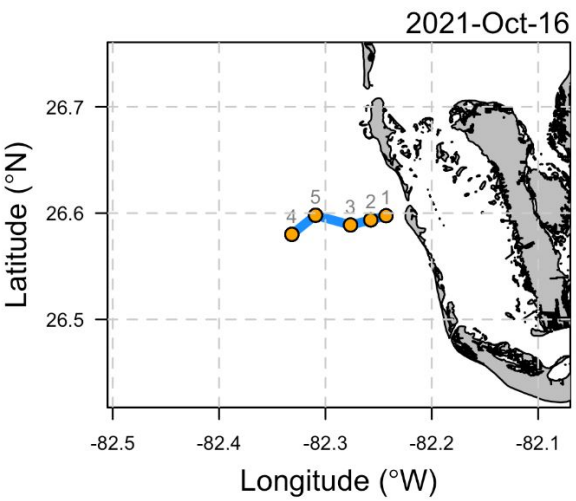
Collected: Oct16, 2021







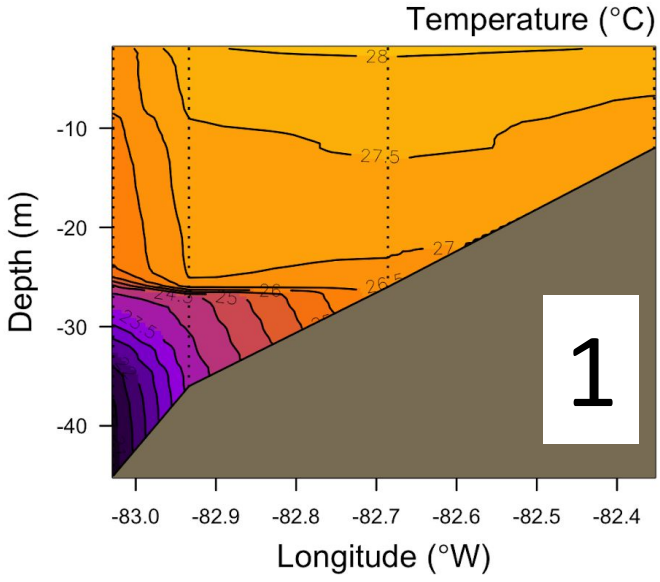


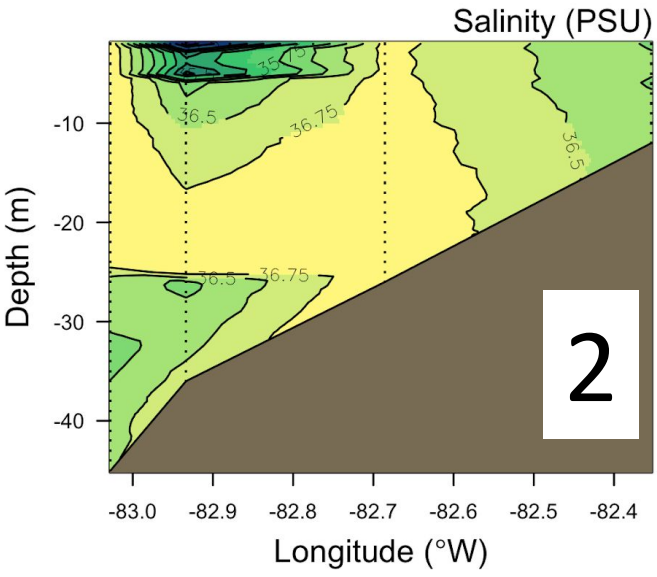


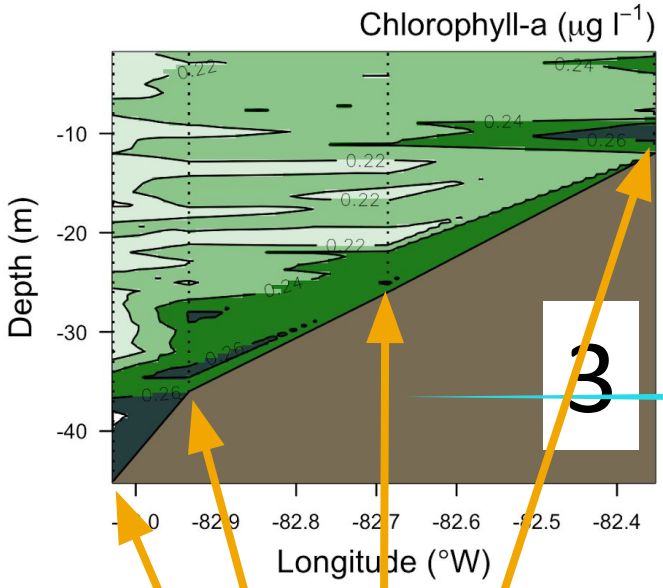
1. Hypoxia (reds) and low oxygen (yellows) exist on bottom at all locations
2. Strong salinity gradient prevents water column mixing; these conditions contribute to hypoxia/low dissolved oxygen
3. Relatively high chlorophyll away from shore; recent satellite data (link) shows highest chlorophyll away from shore
4. Sampled profile numbers are labeled on map and above each profile figure and labeled in following plots for reference

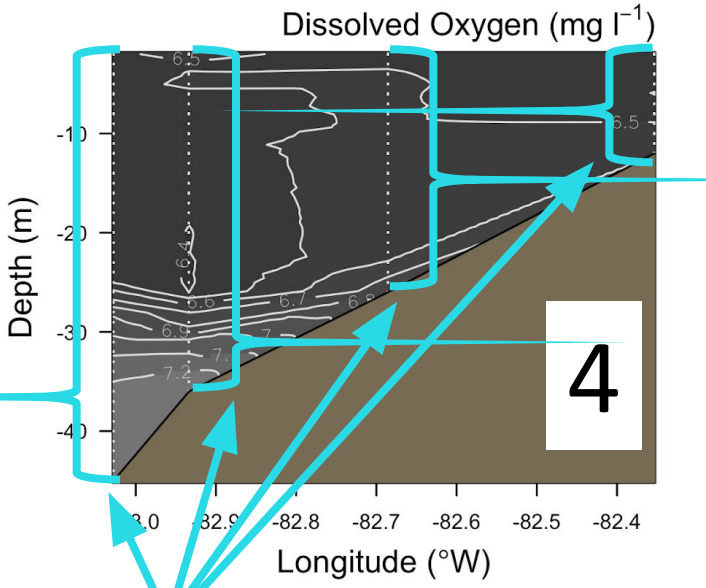
Note: Data are early release and subject to further QA/QC, please contact brendan.turley@noaa.gov for comments/concerns

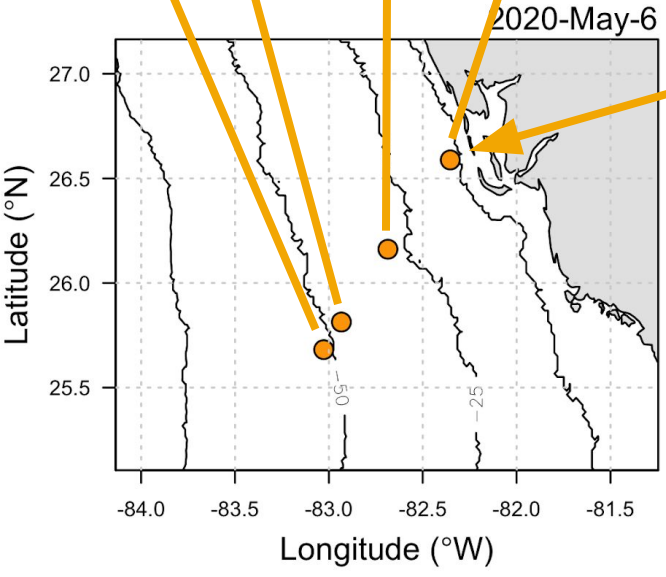
How to read these plots











- These dots represent data taken at depth
- These waypoints correspond to the data in the plots
- Plots 1-4 are the same locations but representing different parameters (for example: temperature, salinity, chlorophyll, and dissolved oxygen
- Typical seawater salinity is about 35 PSU, which stands for practical salinity units
- Chlorophyll is a measure of phytoplankton, which make up the bottom of the food chain

VuSitu_2021-10-16_12-58-00_Device Location_LiveReadings.htm
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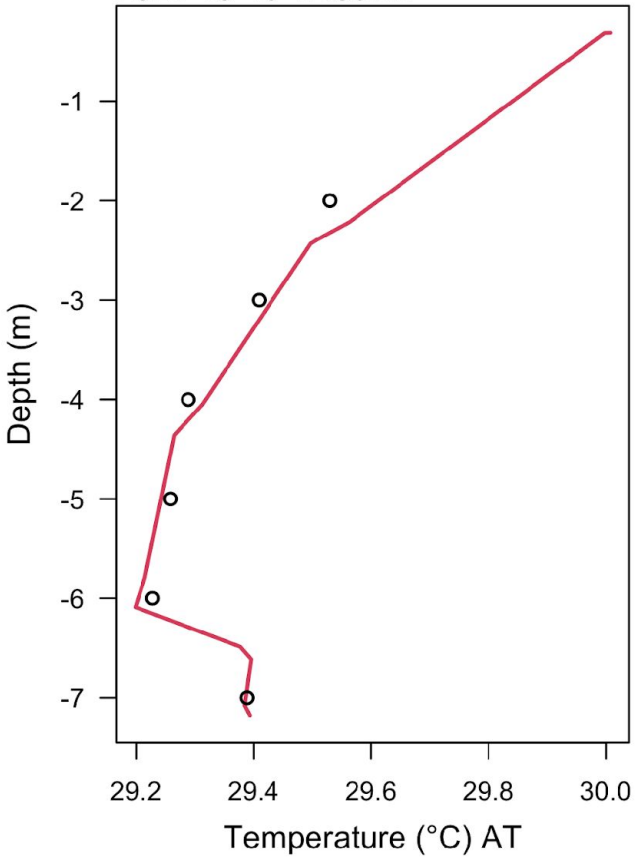

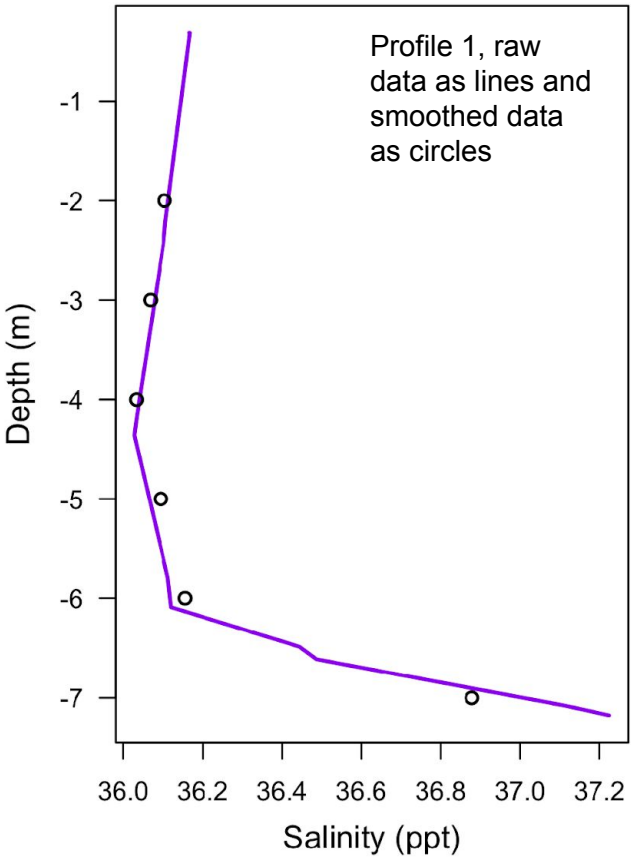

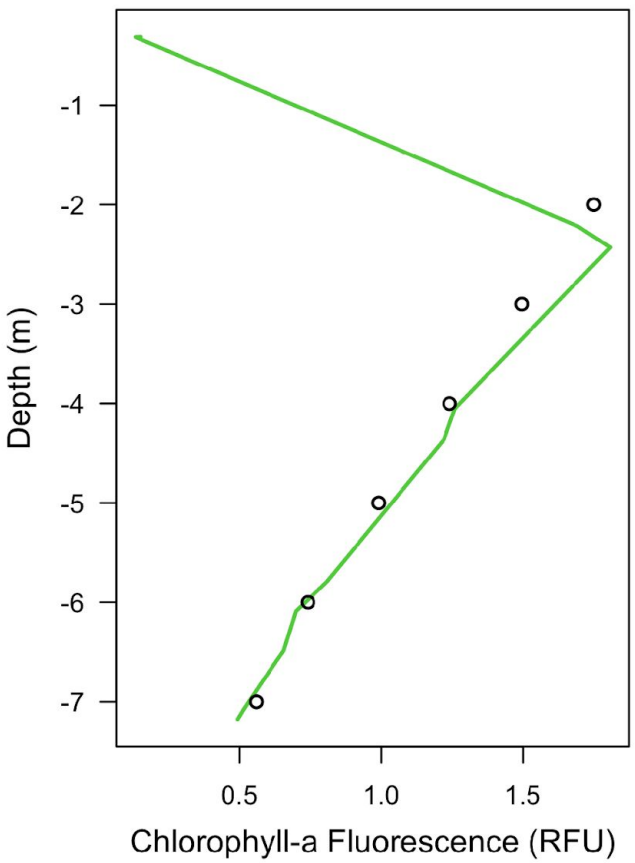

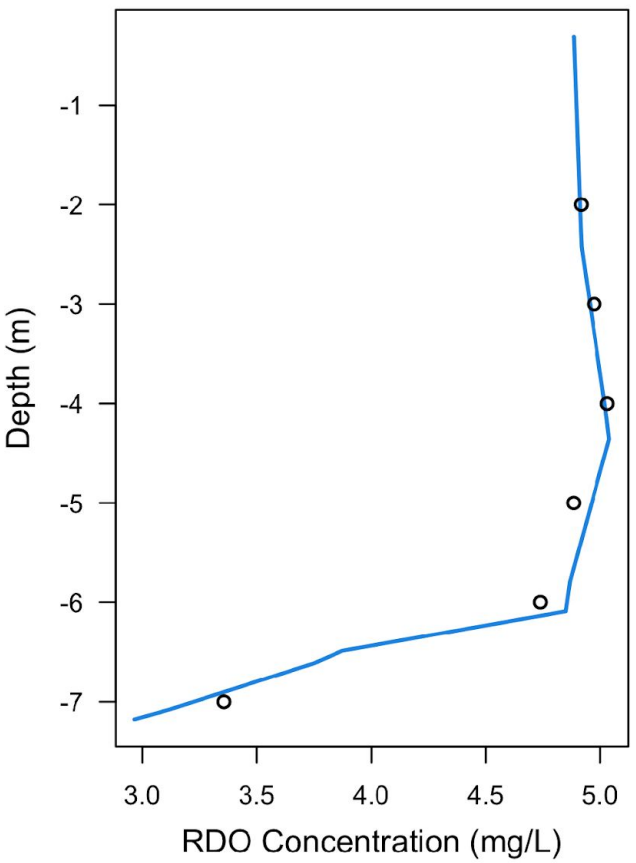

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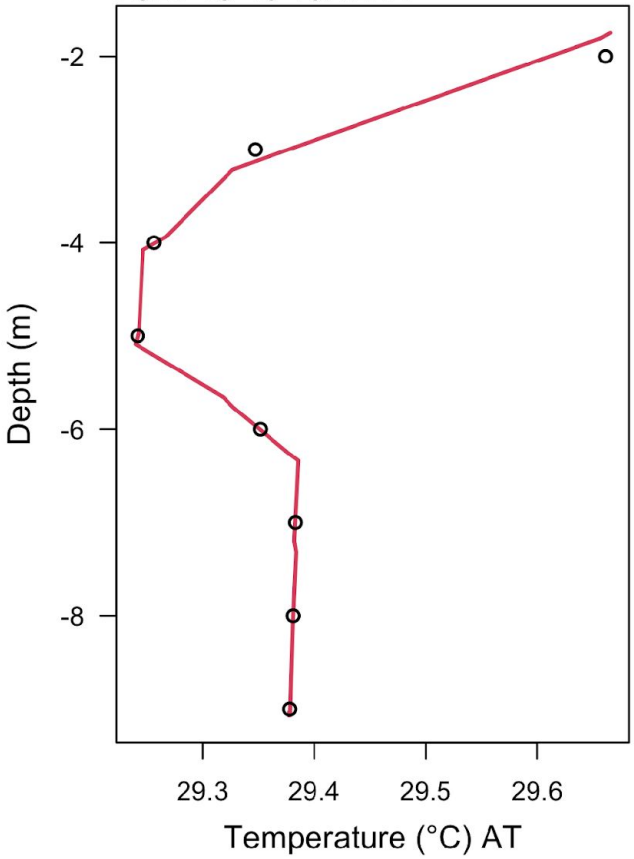

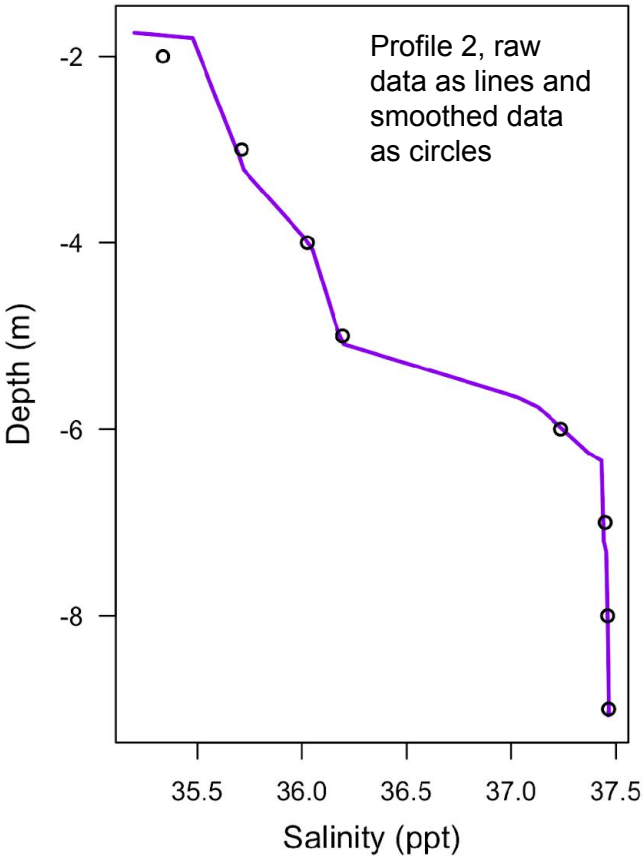

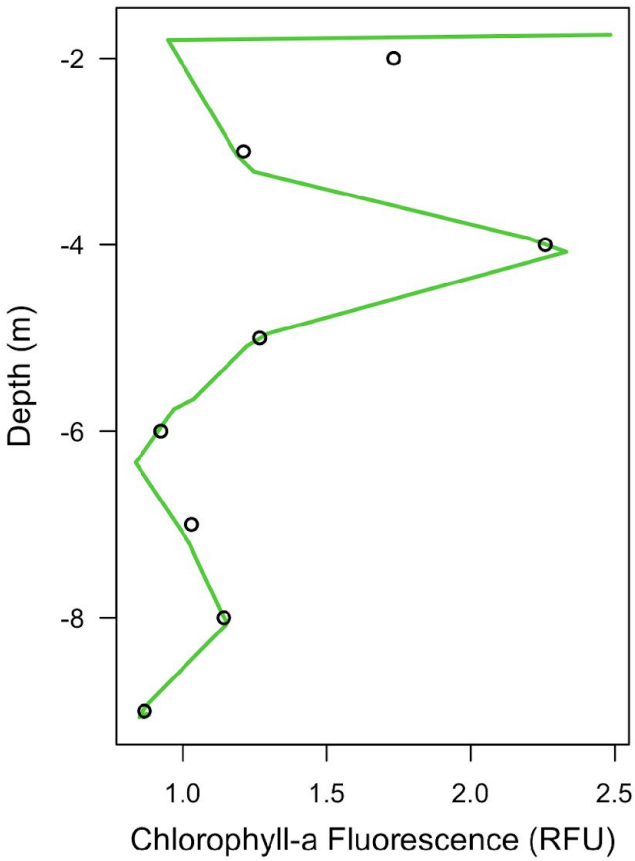

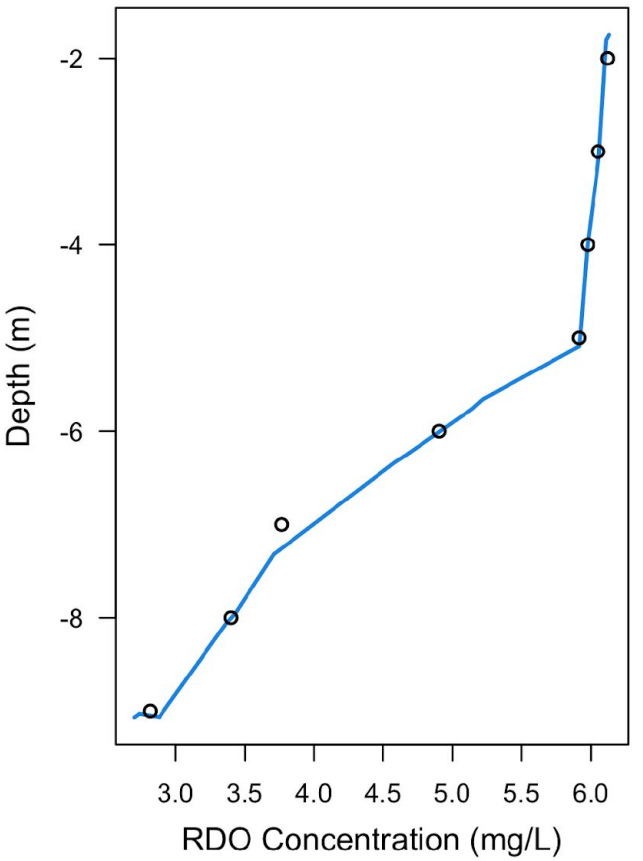

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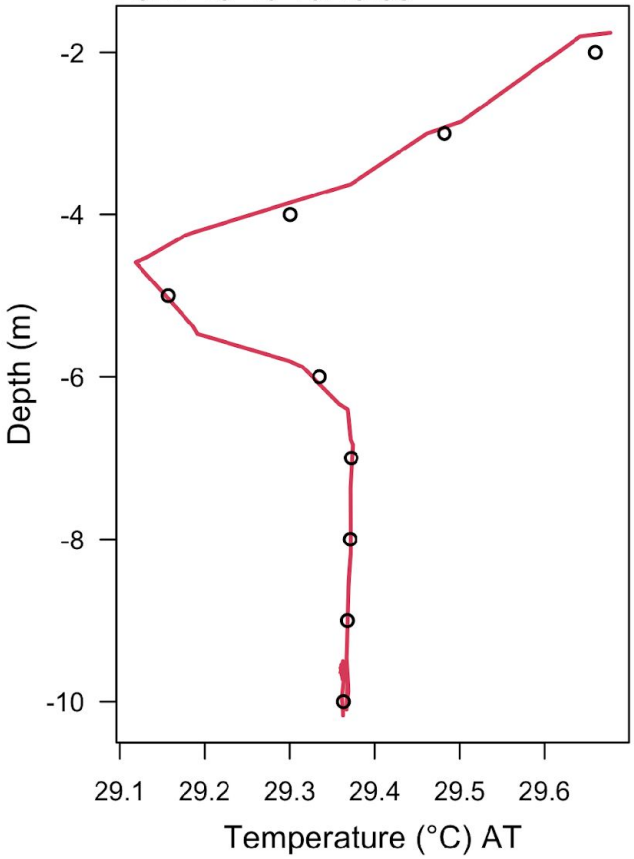

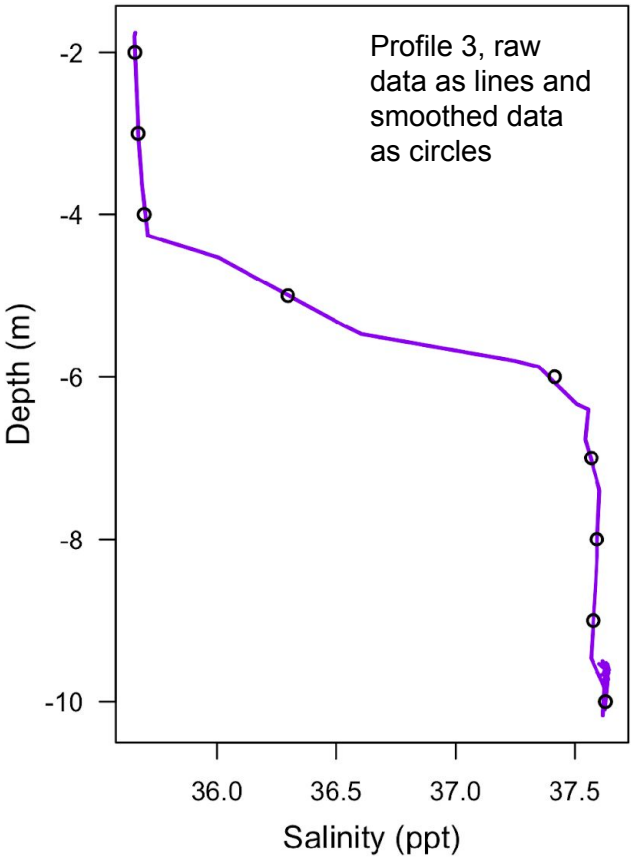

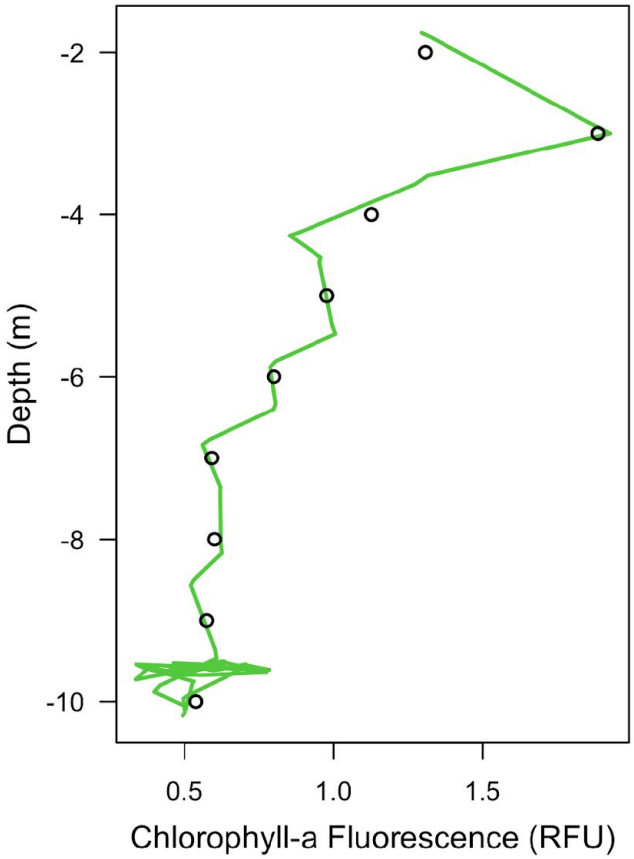

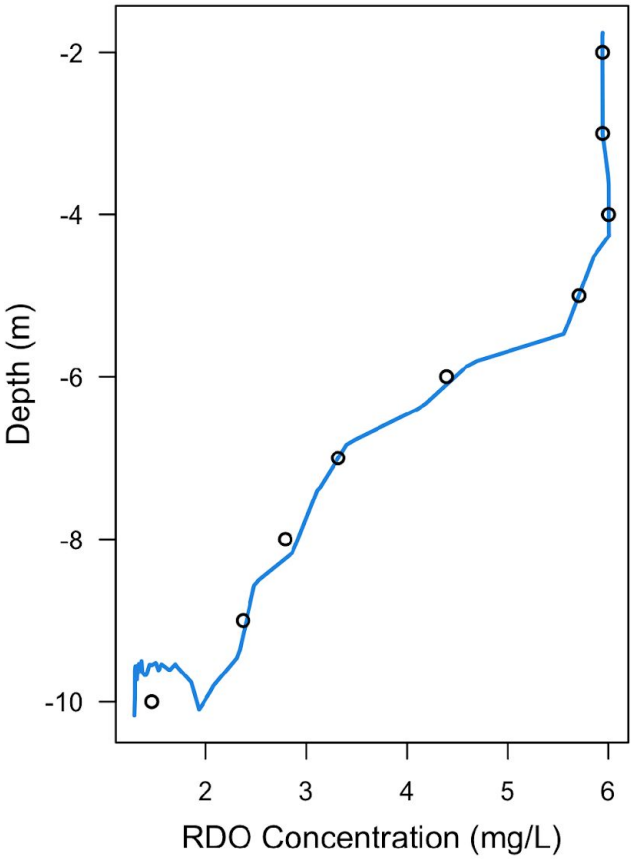

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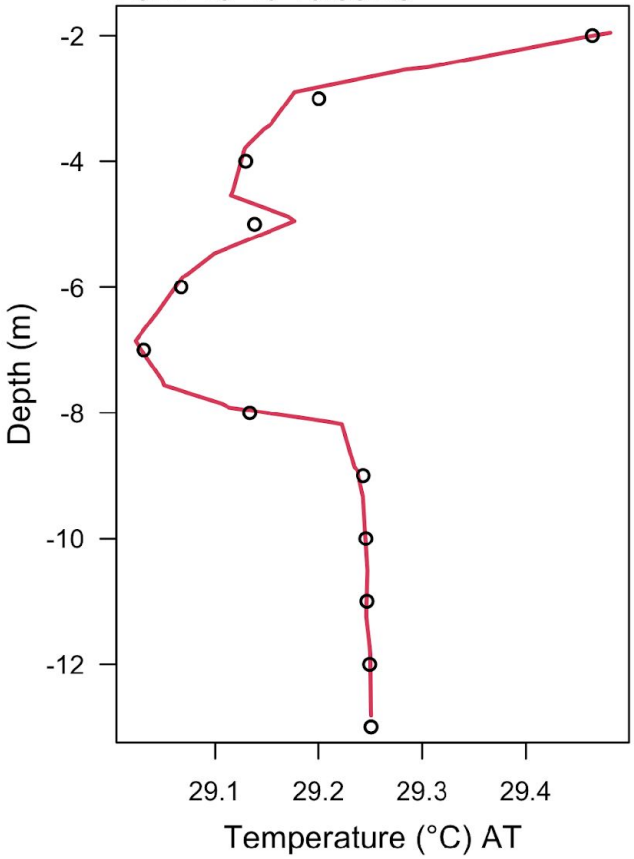

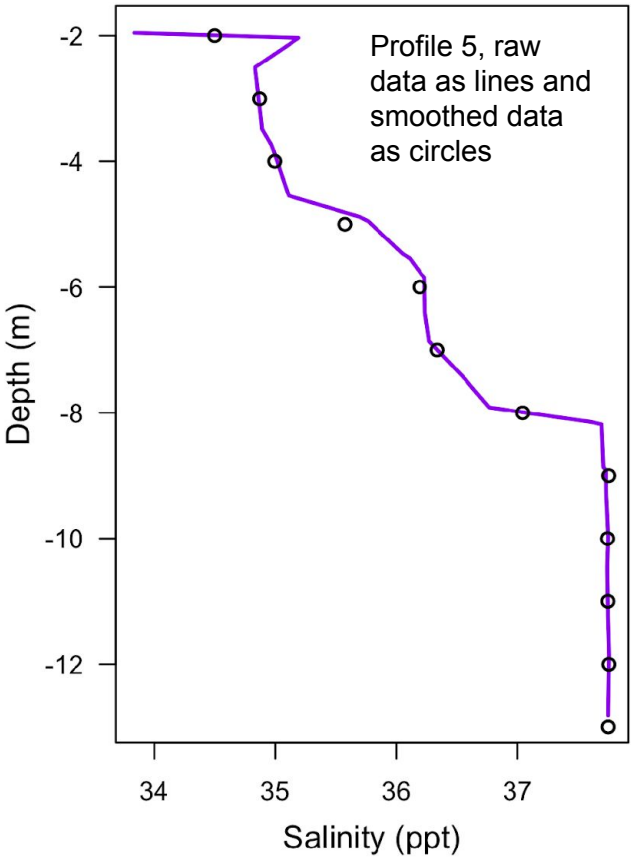

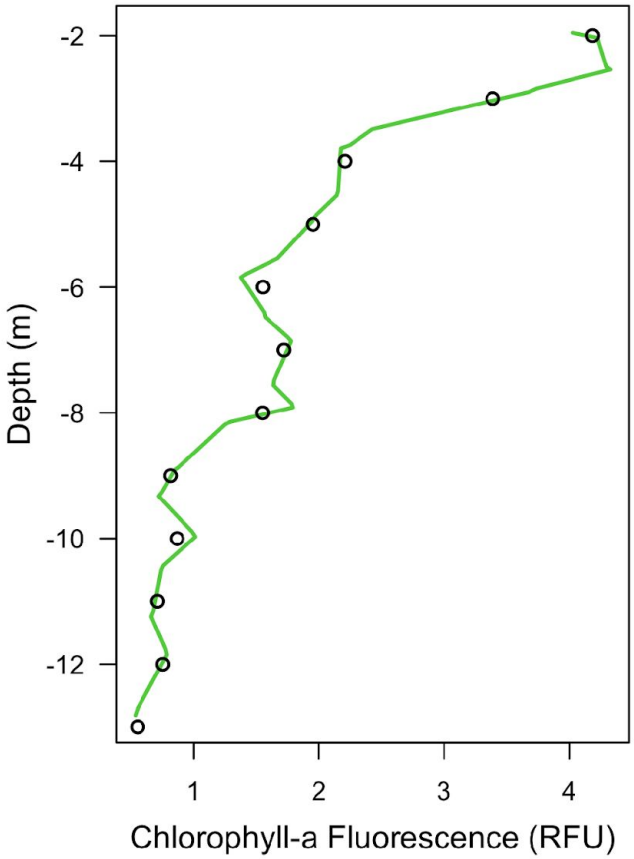

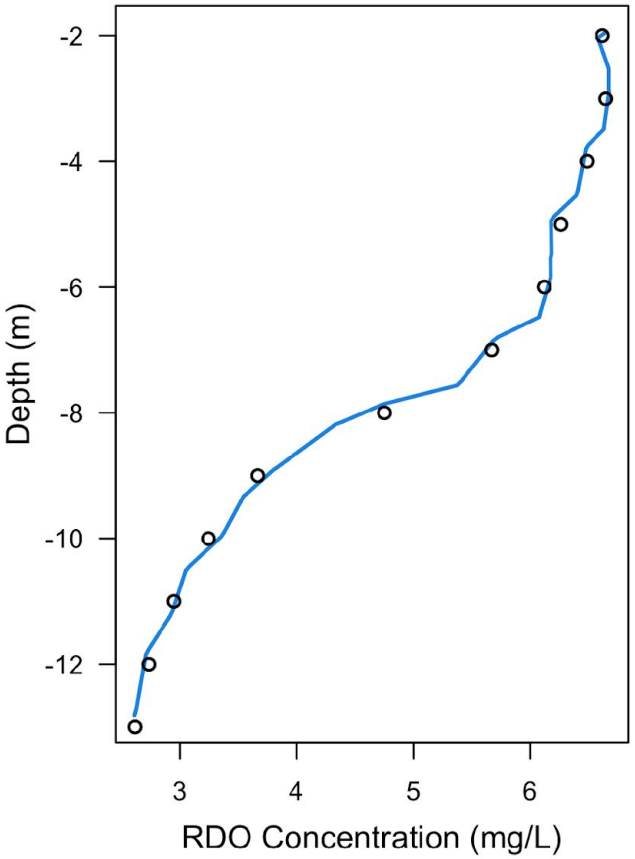

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