

# Project: Ocean Observatories Initiative (OOI) profiles section

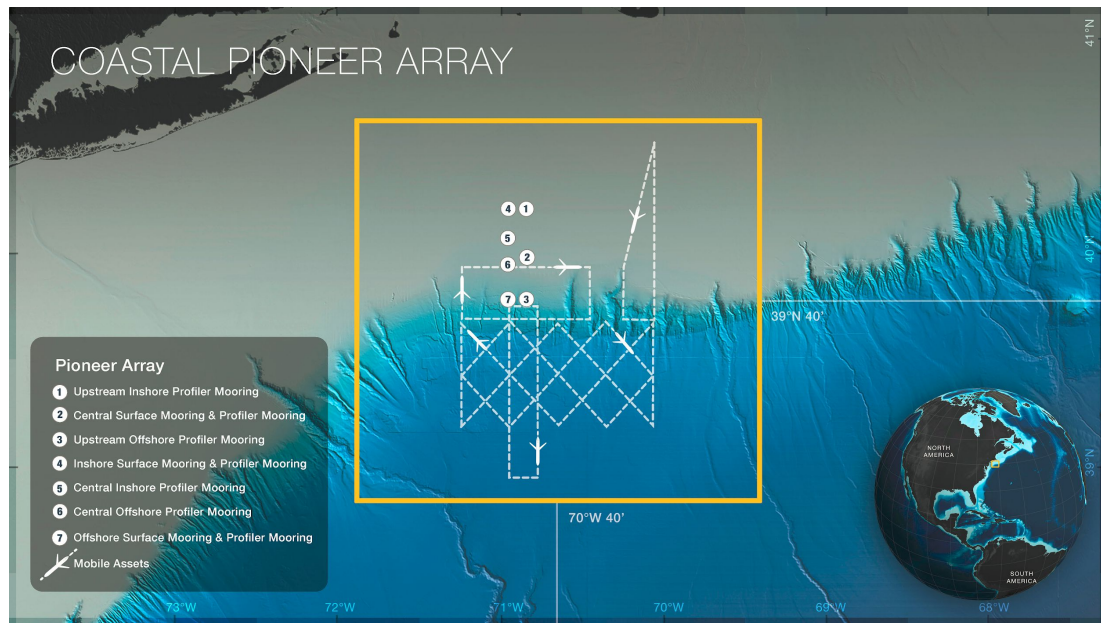
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Mentors: Stace Beaulieu, James Munroe

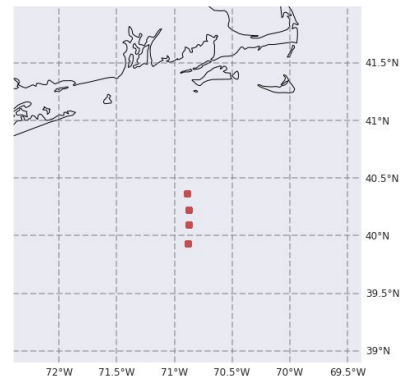
<https://github.com/oceanhackweek/ohw20-proj-ooi-profiles-section>

## Objective

> Construct horizontal sections of T,S,etc

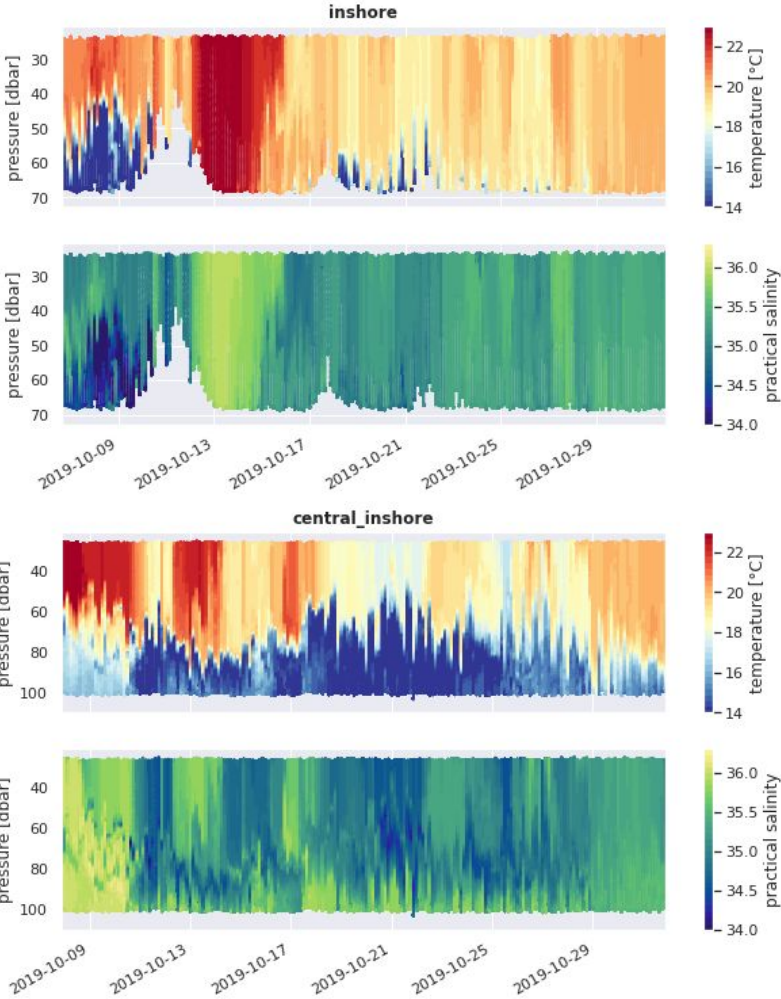


Pioneer Array

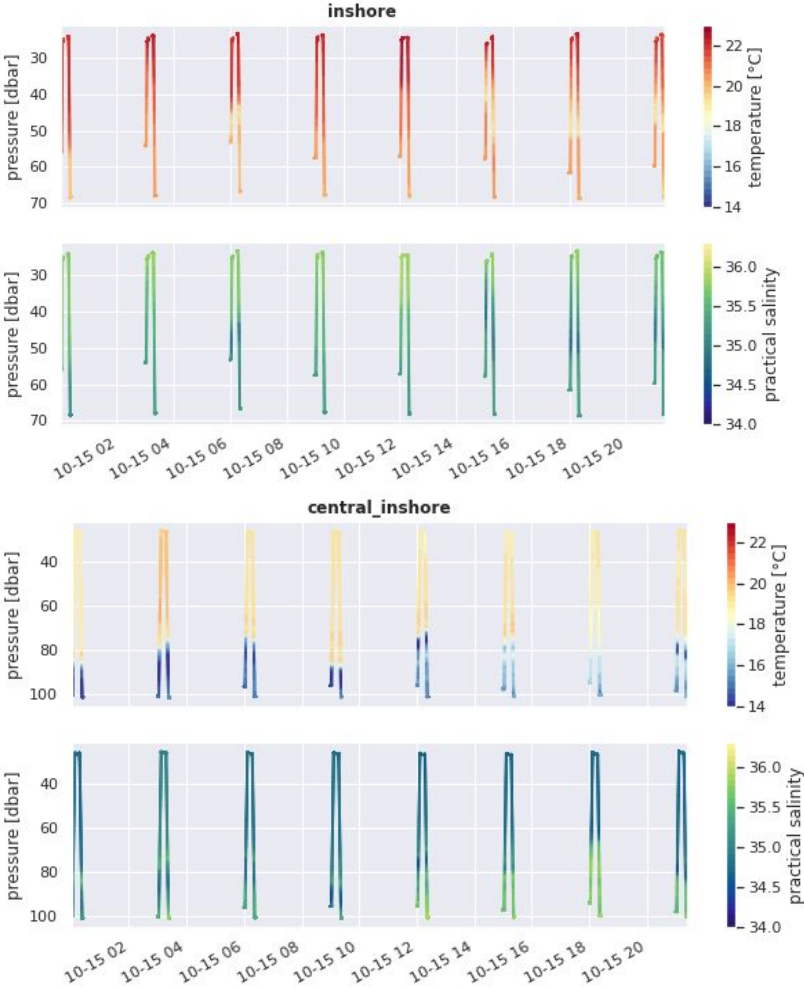


- Inshore water depth of 92 m
- Central inshore water depth of 126 m
- Central offshore water depth of 146 m
- Offshore water depth of 451 m

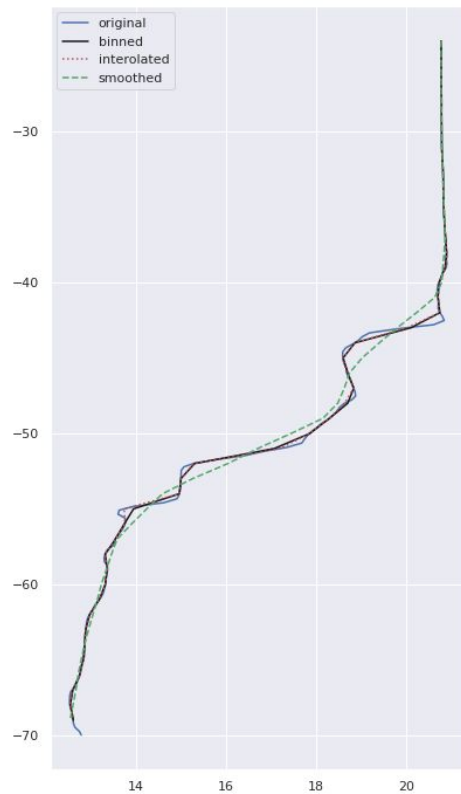
Step 1: Plot Scatter time series of profilers



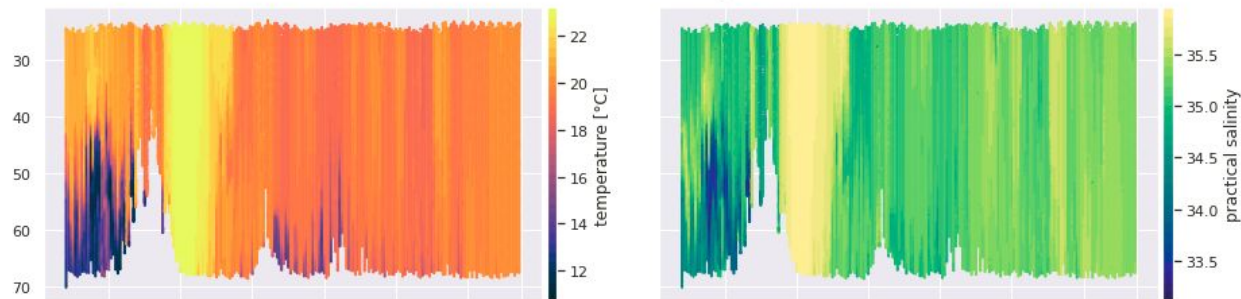
Zoomed view of individual profiles



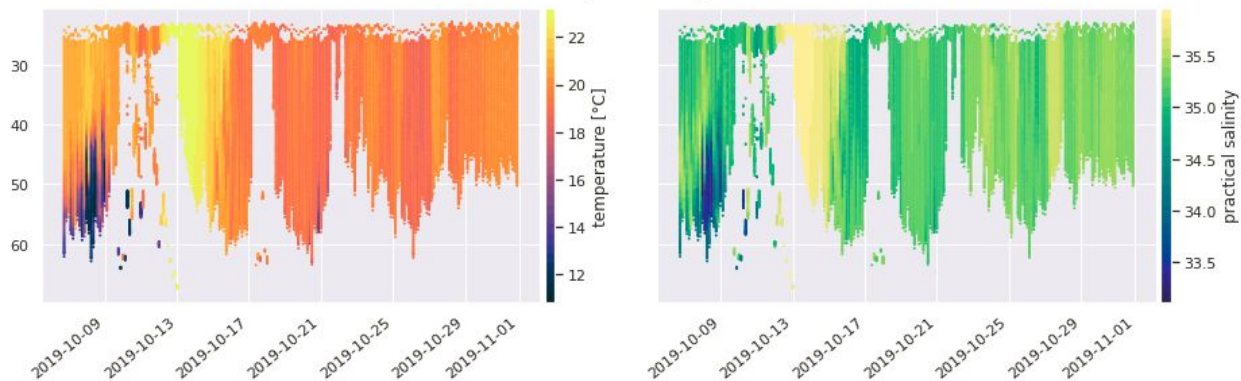
# Step 2: Splitting casts apart



inshore [downcast only]

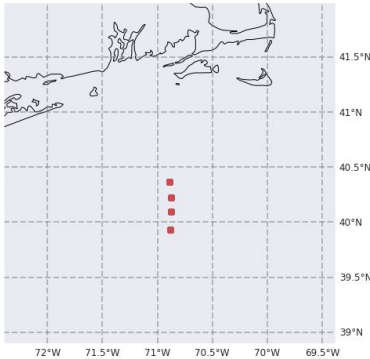


inshore [upcast only]

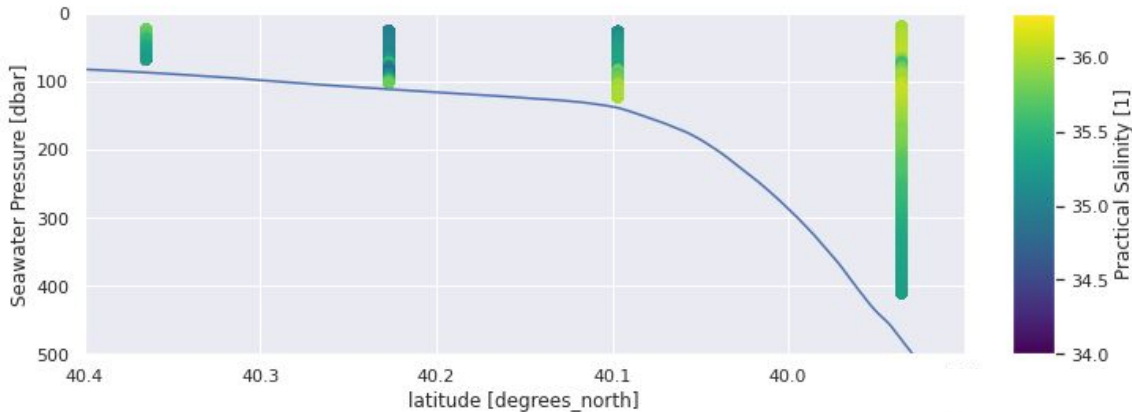


# Step 3: Spatial sections

- Inshore water depth of 92 m
- Central inshore water depth of 126 m
- Central offshore water depth of 146 m
- Offshore water depth of 451 m



OOI Section 2019-10-15T03



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