

## 195 Tropics Post Mission Report

This mission used one glider (195) and began in November 2024 with a deployment off the RV Sikuliaq. The glider was retrieved in June of 2025. This mission was in collaboration with TPOS 2024 (Tropical Pacific Observing System). Saildrones, Wirewalkers, and CTDs were deployed as well, more information can be found [here](#). This document includes preliminary results from the data collected.

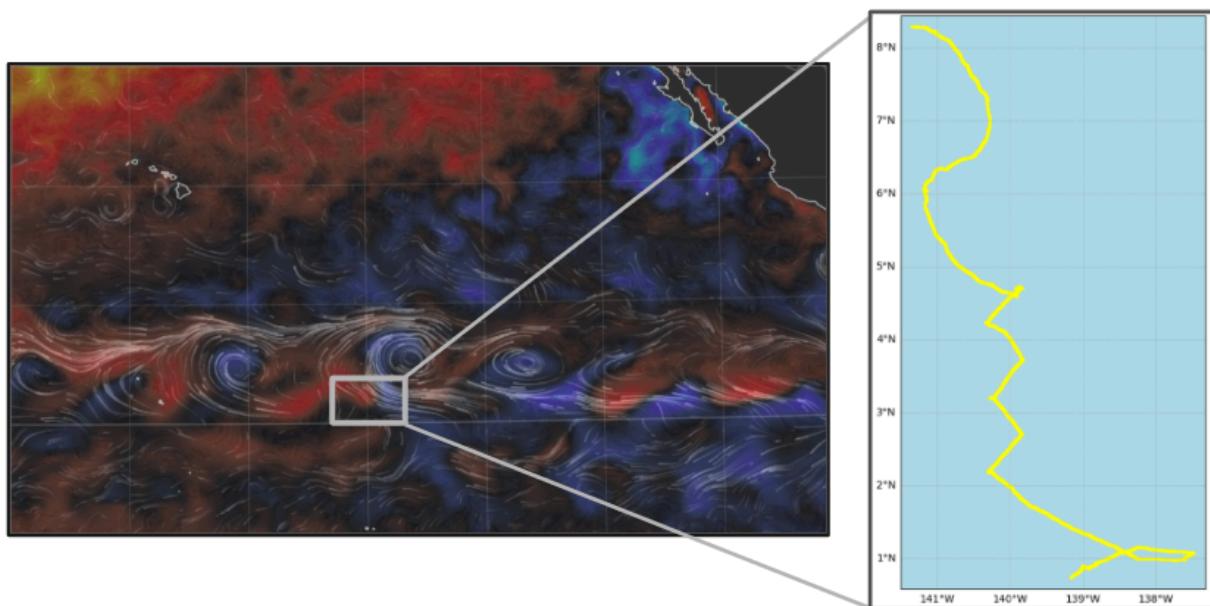
All plots can be obtained by using the cleaned data netCDF or csv file and the corresponding python script in the folder python scripts.

### Area of Interest

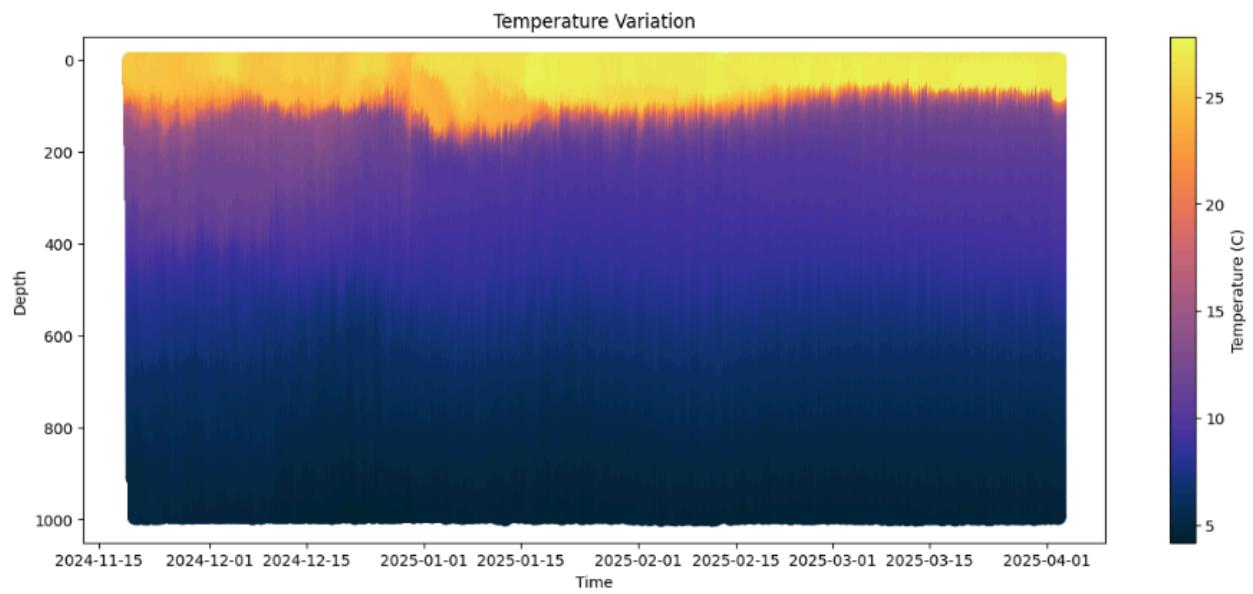
Left: Sea Surface Temperature Anomaly in November 2024. Red and yellow signal warmer than average.

Blue signals are colder than average and black is average. (Earth Null School)

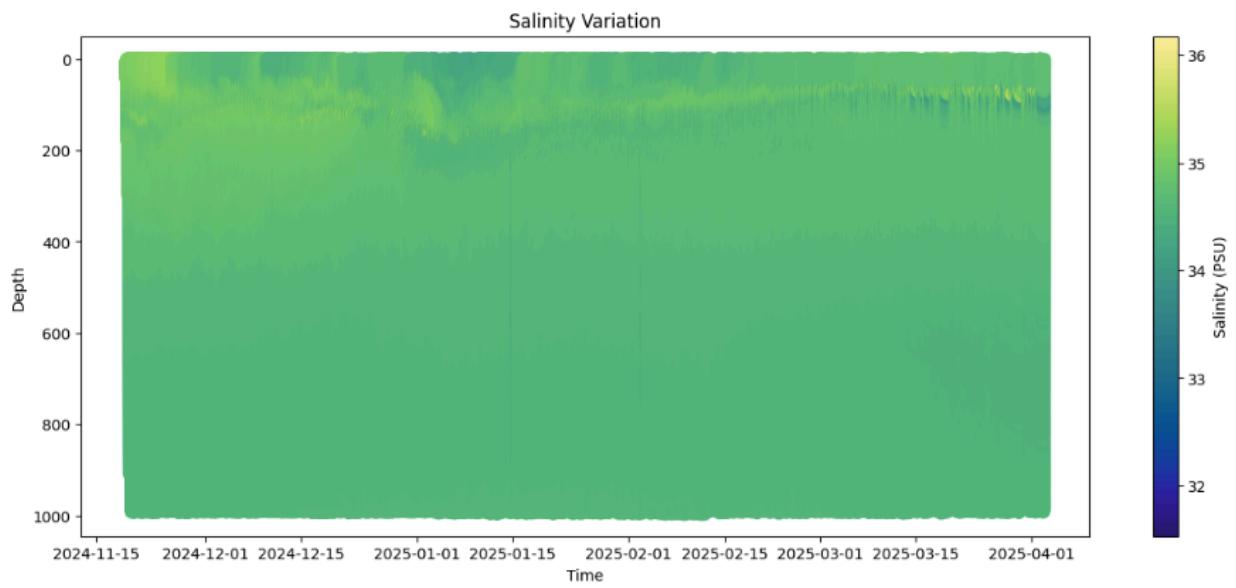
Right: Plot of Seaglider Track (November 2024- May 2025)



### Temperature Variation



### Salinity Variation



### Dissolved Oxygen Saturation

