

Part 1 – Profiles

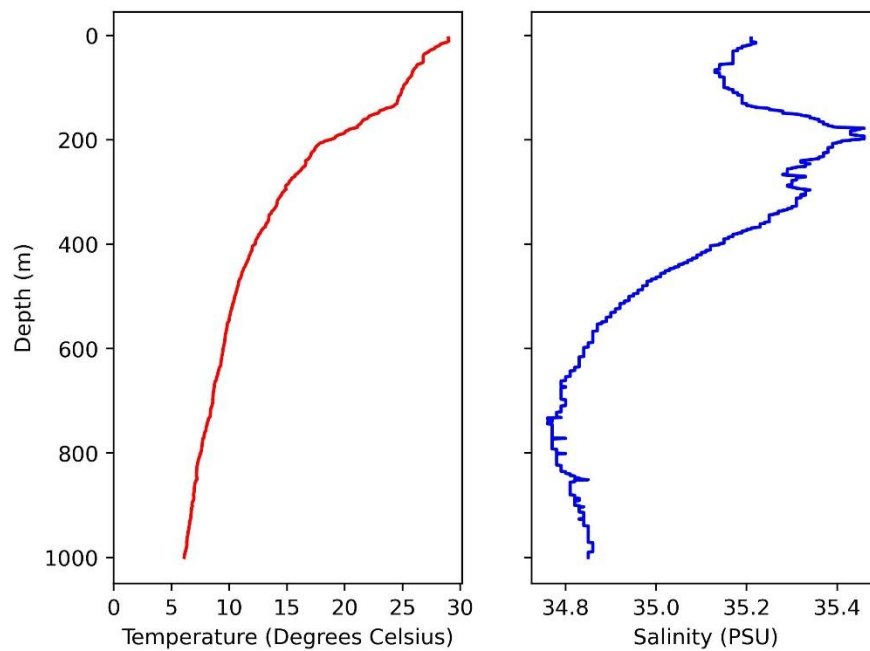


Figure 1: Temperature and Salinity data collected by a CTD in 1000 m of water.

Part 2 – Time series

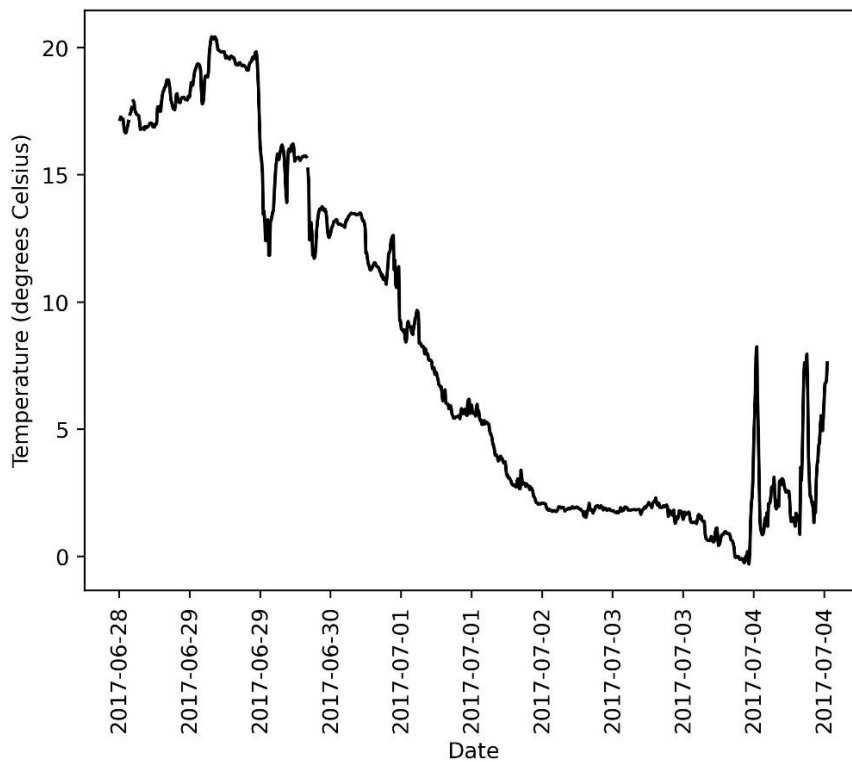


Figure 2: Time series showing the change in surface water temperature during a research cruise to the Southern Ocean in 2017. The data were collected by a CTD going from the start of the cruise until the southern most station was reached.

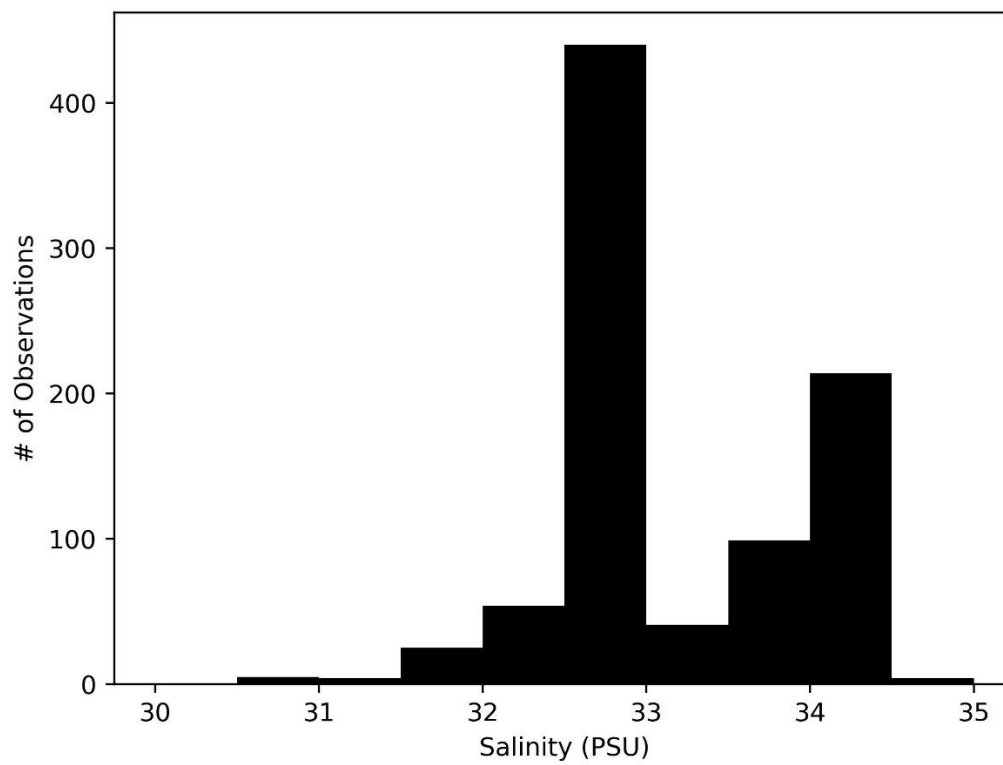


Figure 3: Histogram showing the distribution of salinity measurements during a research cruise to the Southern Ocean in 2017.

Table 1: Summary statistics of temperature and salinity collected by CTD during a research cruise to the Southern Ocean in 2017.

Statistic	Temperature (°C)	Salinity (PSU)
Mean	8.147	33.111
Standard Deviation	6.748	1.14
Interquartile Range	11.769	1.273

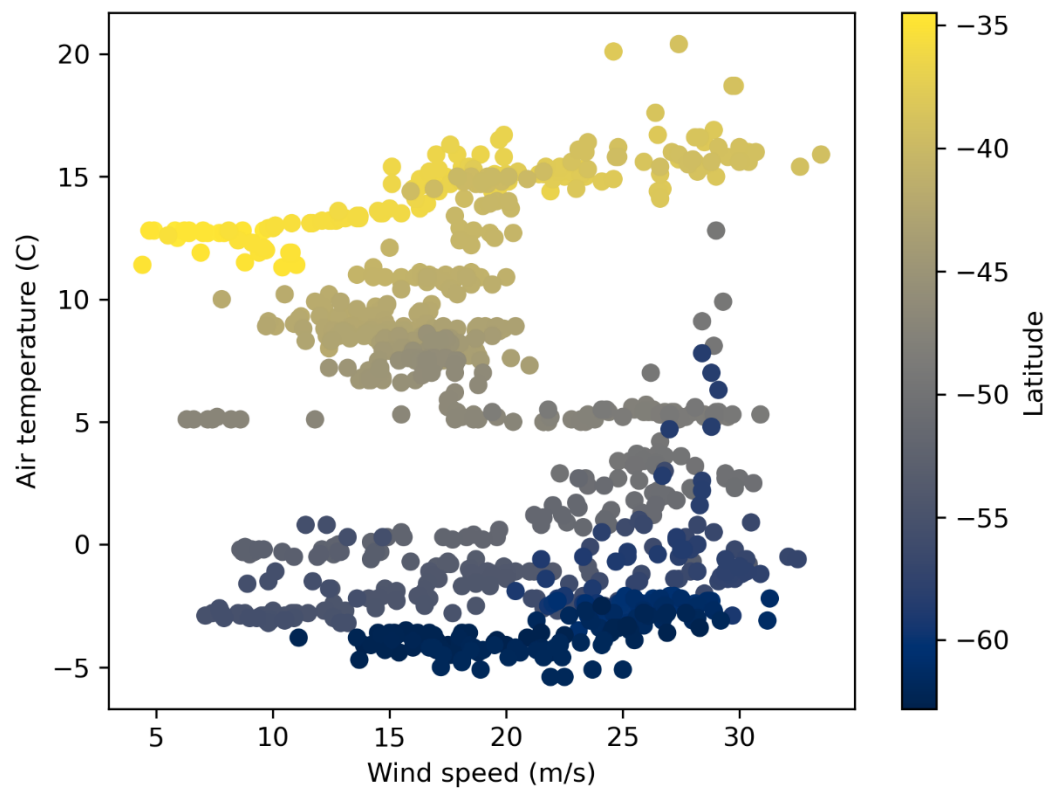


Figure 4: Scatterplot showing the wind speed and wind speed for different latitudes. These measurements were taken during a research cruise to the Southern Ocean in 2017.