Cast 68

Station 66

January 25, 14:39:37

-77 36.48, 178 23.99

758 m depth

This station is part of an east to west section across the eddy by the Ross Ice Shelf.

The mixed layer is 60 m thick with uniform properties. Fluorescence is also almost uniform over the mixed layer with a highest value of 11 mg/m^3.

There is a weak Tmax around 250 m associated with reduced oxygen indicating the influence of CDW.

The water between 360 and 460 m has temperatures below freezing indicating ISW. Deeper temperatures increase. The bottom 100 m has slightly reduced oxygen.



