Cast 66

Station 64

January 25, 09:24:40

-77 36.50, 179 00.01

693 m depth

This is the second of five stations on an east to west section through an eddy near the Ross Ice Shelf.

The surface mixed layer extends to 75 m. Fluorescence is uniform to 60 m with a value of 13 mg/m^3.

Below the mixed layer the temperature decline and the salinity increases more or less uniformly. There is a weak Tmax and slight decline in oxygen at 280 m indicating CDW.

The temperature is below freezing from 420 to 580 m. Deeper temperatures increase a bit to freezing.



