Cast 64

Station 62

January 24, 22:59:53

-77 44.84, 177 48.88

751 m depth

This station (RIS5) is the westernmost of an east to west line of stations in front of the Ross Ice Shelf.

The mixed layer extends to 50 m with a surface temperature of -0.5C. Temperature is highest at the bottom of the mixed layer. Fluorescence has a peak of 15 mg/m^3 at 50 m.

Salinity increases linearly with depth. Temperature is below freezing between 300 and 400 m. Temperature increases below 400 m. The vertical salinity gradient increases below 350 m.



