Cast 60

Station 58

January 24, 09:54:17

77 47.73, -178 47.76

688 m depth

This station (RIS1) is the westernmost of a set of stations along the front of the Ross Ice Shelf.

The surface mixed layer extends to 75 m with a surface temperature of -0.2C. High fluorescence covers the top 120 m of the water column with a clear peak (23 mg/m^3) at 60 m depth.

Below 200 m, the water is at or below surface freezing identifying the water as ISW. Water colder than -2.0C covers depths of 200 to 500 m. Temperatures warm to near freezing over the bottom 200 m.

There is no indication of CDW in this cast.



