Cast 57

Station 55

January 22, 11:43:28

-76 42.98, 176 55.09

307 m depth

This station (RBW4) is the westernmost of an east to west section across Ross Bank.

The surface mixed layer is 15 m thick with a surface temperature of 0.8C. Elevated fluorescence covers the top 50 m with a peak of 9 mg/m^3 at 20 m.

Temperature is uniform, a little above surface freezing, in a layer from 80 to 200 m. Salinity increases over depth through a narrow range (34.4 to 34.6).

There is a uniform mixed layer at the bottom about 50 m thick. It is slightly colder, saltier and lower in oxygen than the water above.



