Cast 7

Station 6

Jan 10: 05:04

-76 21 -175 12

567 m depth

Inside Eddy 2

The surface mixed layer is about 25 m with chloropyll above 10 mg/m3. The rest of the water column is modified shelf water at local freezing. There is a faint trace of CDW around 300 m.

Surface mixed layer about 25 m thick. High chlorophyll (> 10) in mixed layer with a max of 20 at 10 m. Surface temperature is 0.2C.

Tmin is about 100 m (winter water). All water deeper than 100 m is between freezing (-1.85C) and -1.6C.

Water between 100 and 400 m is -1.7C, 34.4 which is modified shelf water. There is a hint of a Tmax, O2min at 280 m which would be a faint trace of mCDW.

Below 400 m is a layer of saltier water (34.7) at about local freezing (-1.92C).



