Cast 11

Station 10

Jan 15, 05:25

-76 44, 170 28

735 m depth

This station is taken at the center of Eddy 3 and is the start of a process study focused on eddy 3.

A surface mixed layer is 15 m thick with a Fluorescence max of about 40 mg/m2 at 15 m depth.

The surface layer has linearly decreasing temperature and oxygen to about 50 m. The mixed layer has not been actively mixed in a while and is re-stratifying.

From 200 m to the bottom (700 m) the water is at surface freezing and the salinity is increasing linearly with depth. The deep salinity is 34.74.

There is no hint of CDW or ISW.



