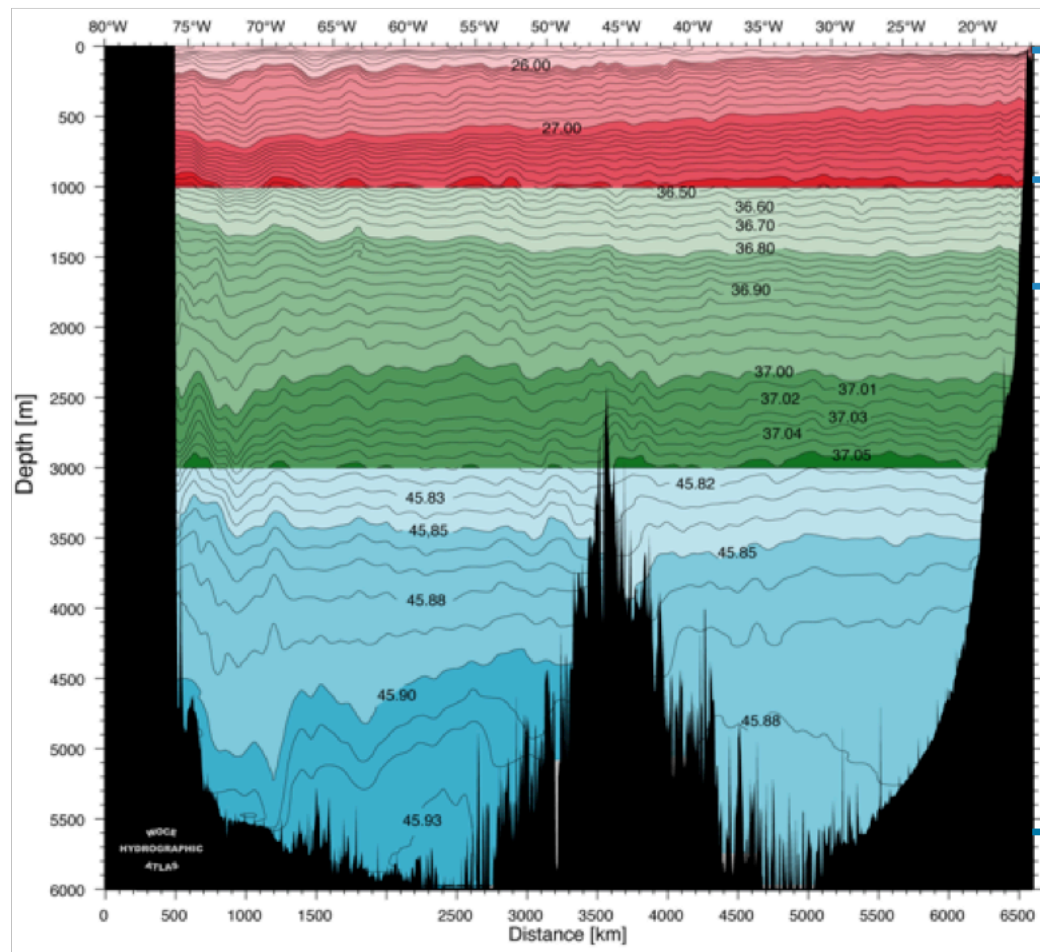


Density

$$\frac{g}{\rho_0 f} \frac{\partial \rho}{\partial x} = - \frac{\partial v}{\partial z}$$

Mid-ocean transport



Horizontal density gradient	Northwards velocity shear
Positive	Decreasing
Negative	Increasing
Positive	Decreasing
Negative	Increasing

