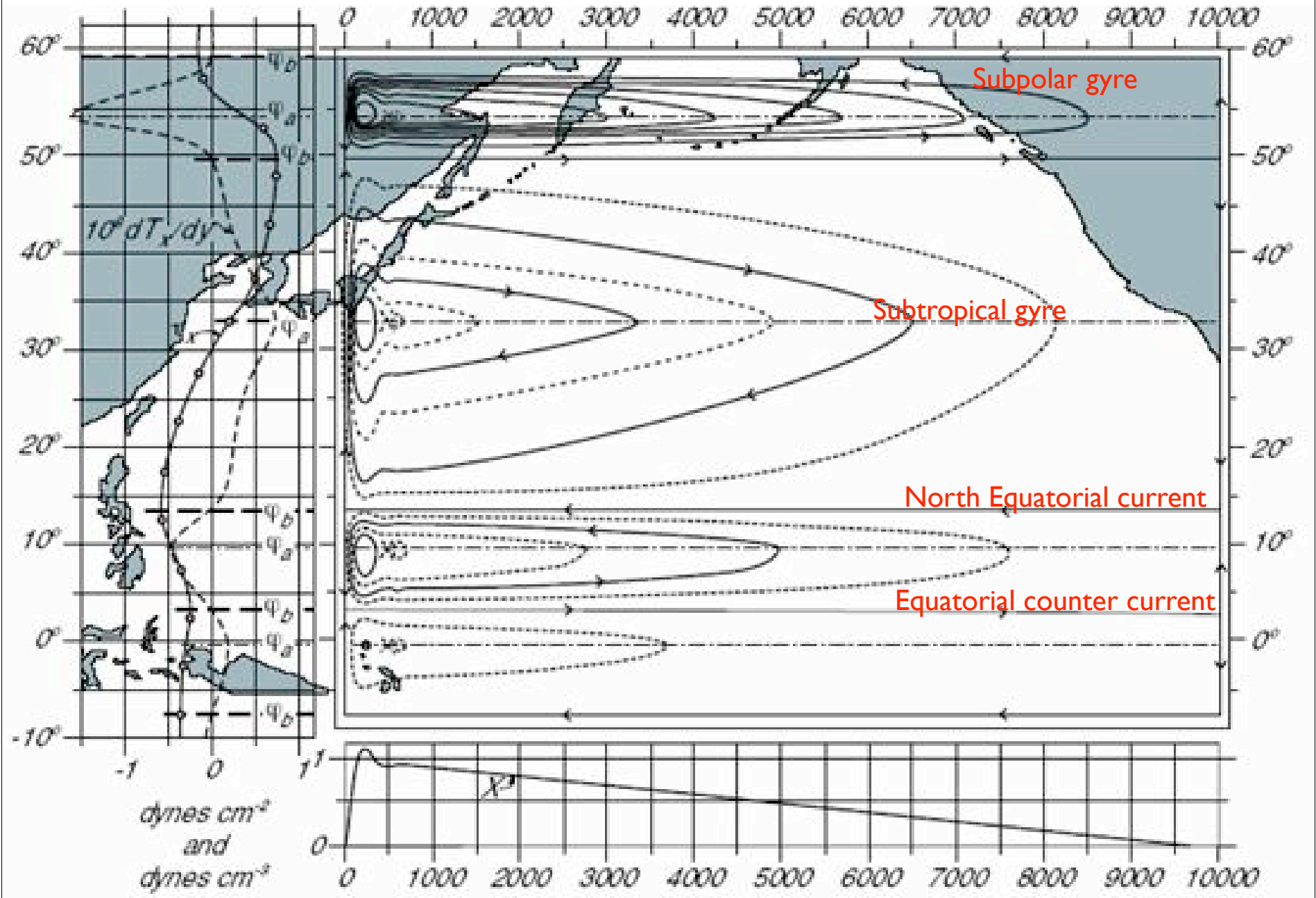


# Wind driven circulation (Munk's theory)



## OPEN OCEAN DEEP CONVECTION

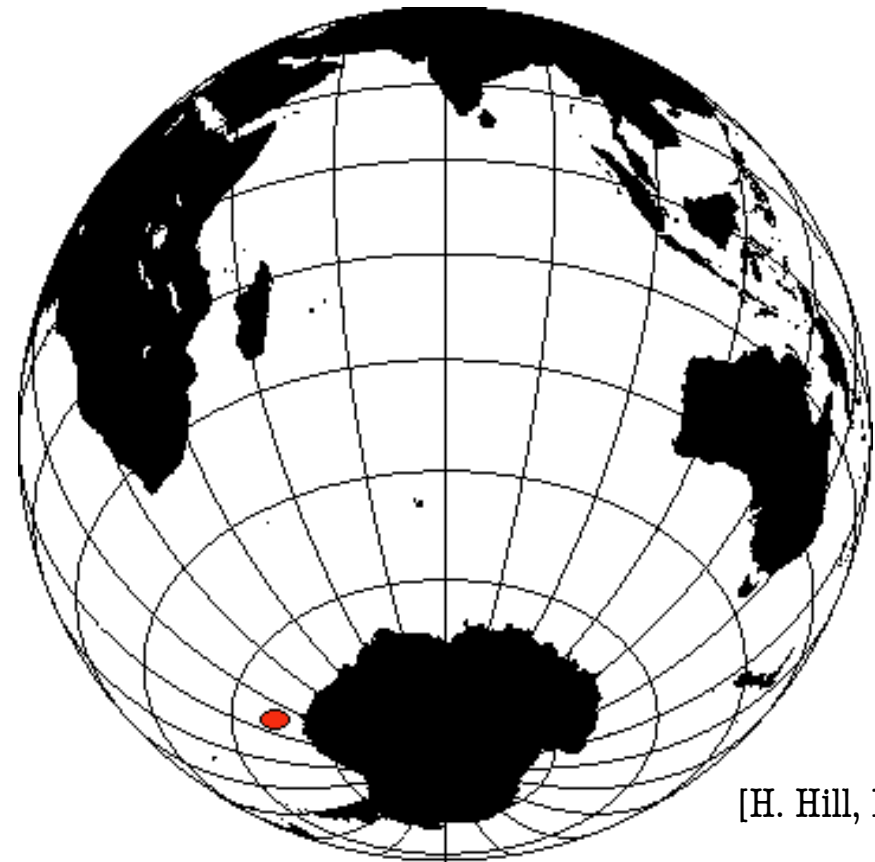
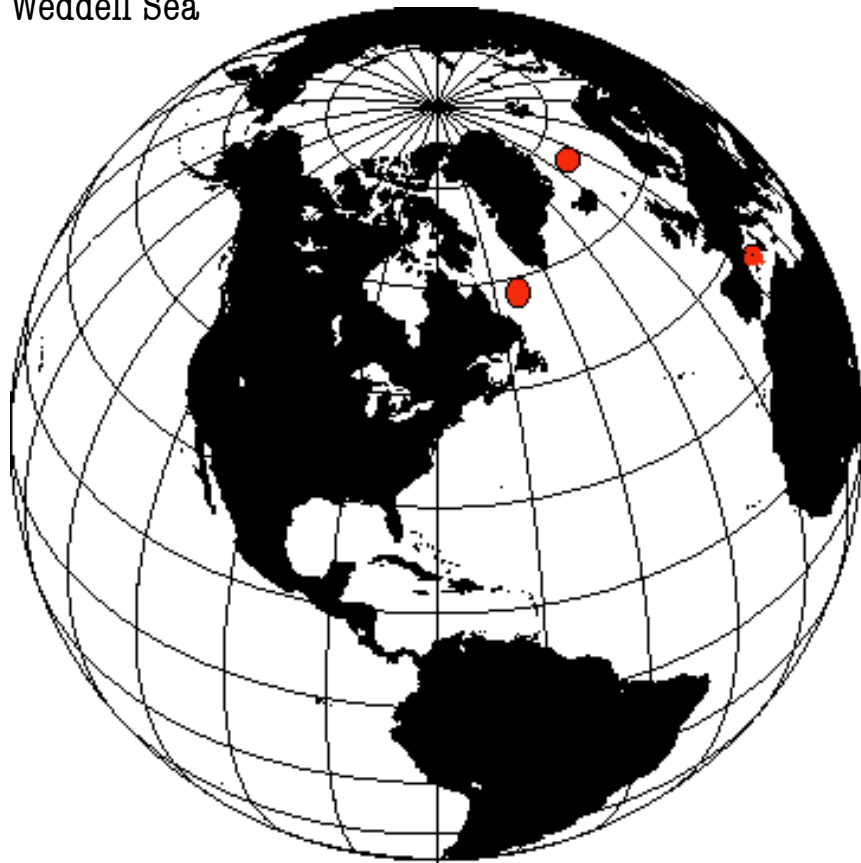
Deep convection (water sinking to 1500 m or more) happens only in a handful of locations over the globe:

North Western Mediterranean Sea

Labrador Sea

Greenland Sea

Weddell Sea



[H. Hill, MIT]

Shallow convection is very common through the oceans.

## Abyssal circulation (Stommel's view)

