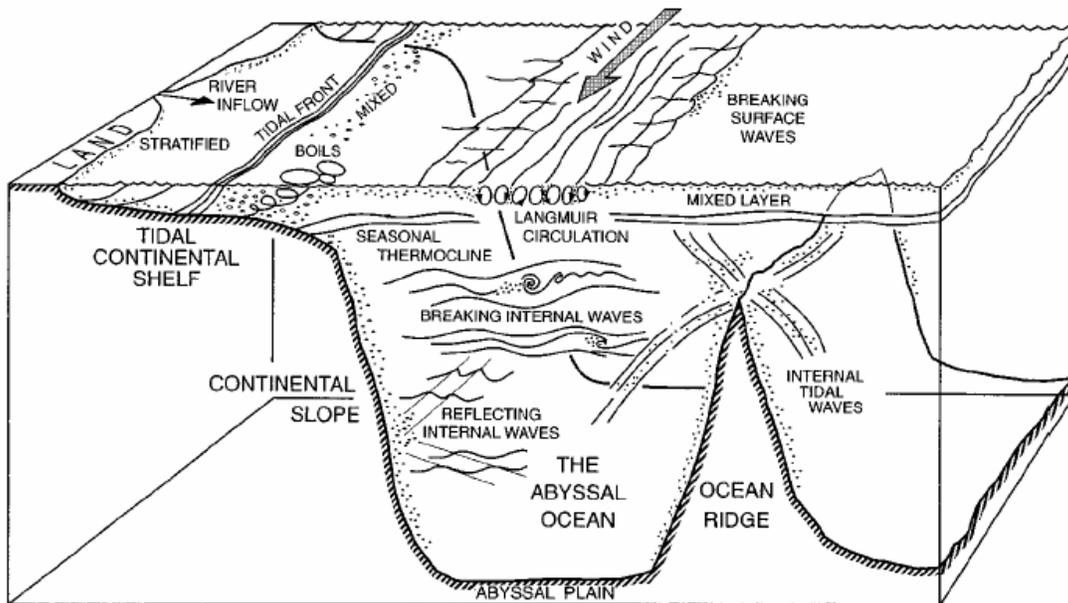


2.011 Spring 2006
Homework #6

Goal: Research a mechanism for turbulence generation in the ocean.

Read the paper - Thorpe, S. A. "Recent Developments in the Study of Ocean Turbulence." *Annu. Rev. Earth Planet. Sci.* 32 (2004):91–109. Look carefully at Figure 1, reproduced below. (Note: regions of strongest turbulence are stippled; and the drawing is not to scale.)



Courtesy of Annual Reviews. Used with permission.

Pick one of the mechanisms shown on this cartoon and research the role it plays in ocean mixing. Outline your findings in 2-3 Power point slides. Slide 1 should describe the phenomenon and slide 2+ should describe how it effects ocean mixing and circulation, where it is most commonly found, etc.