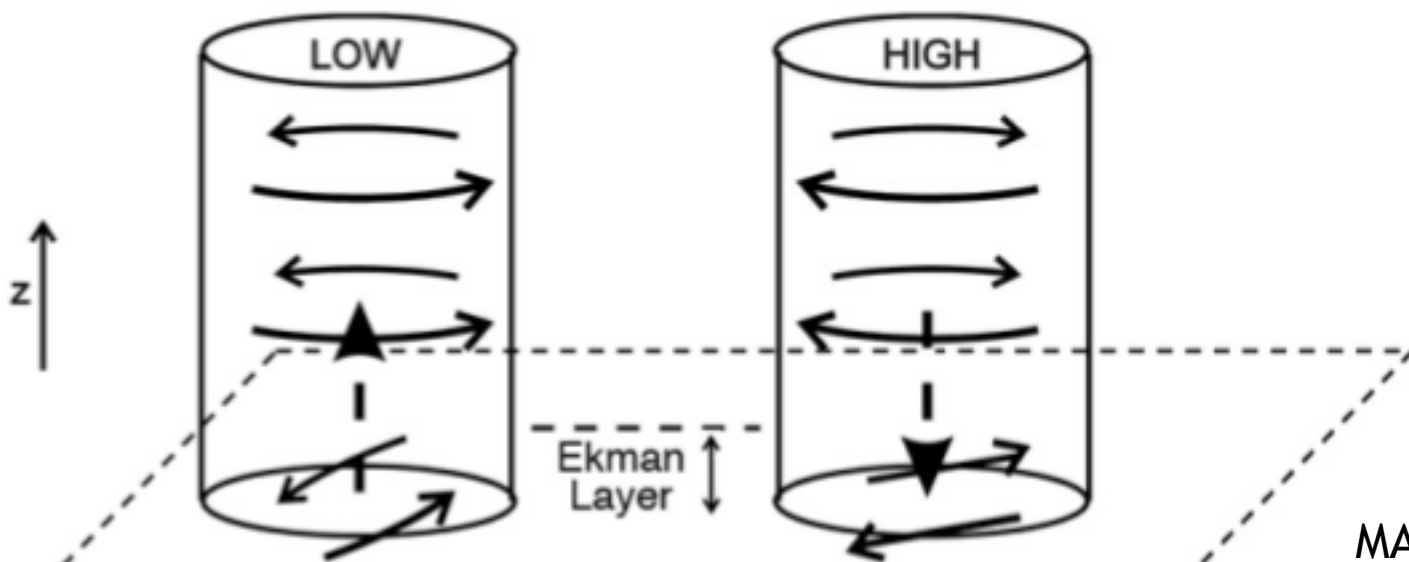
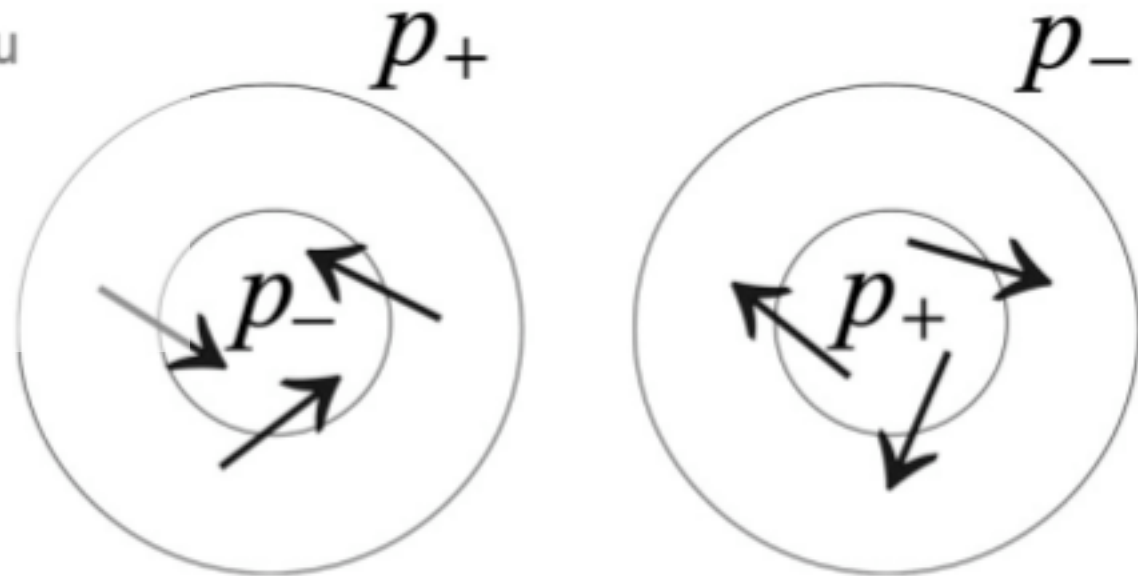
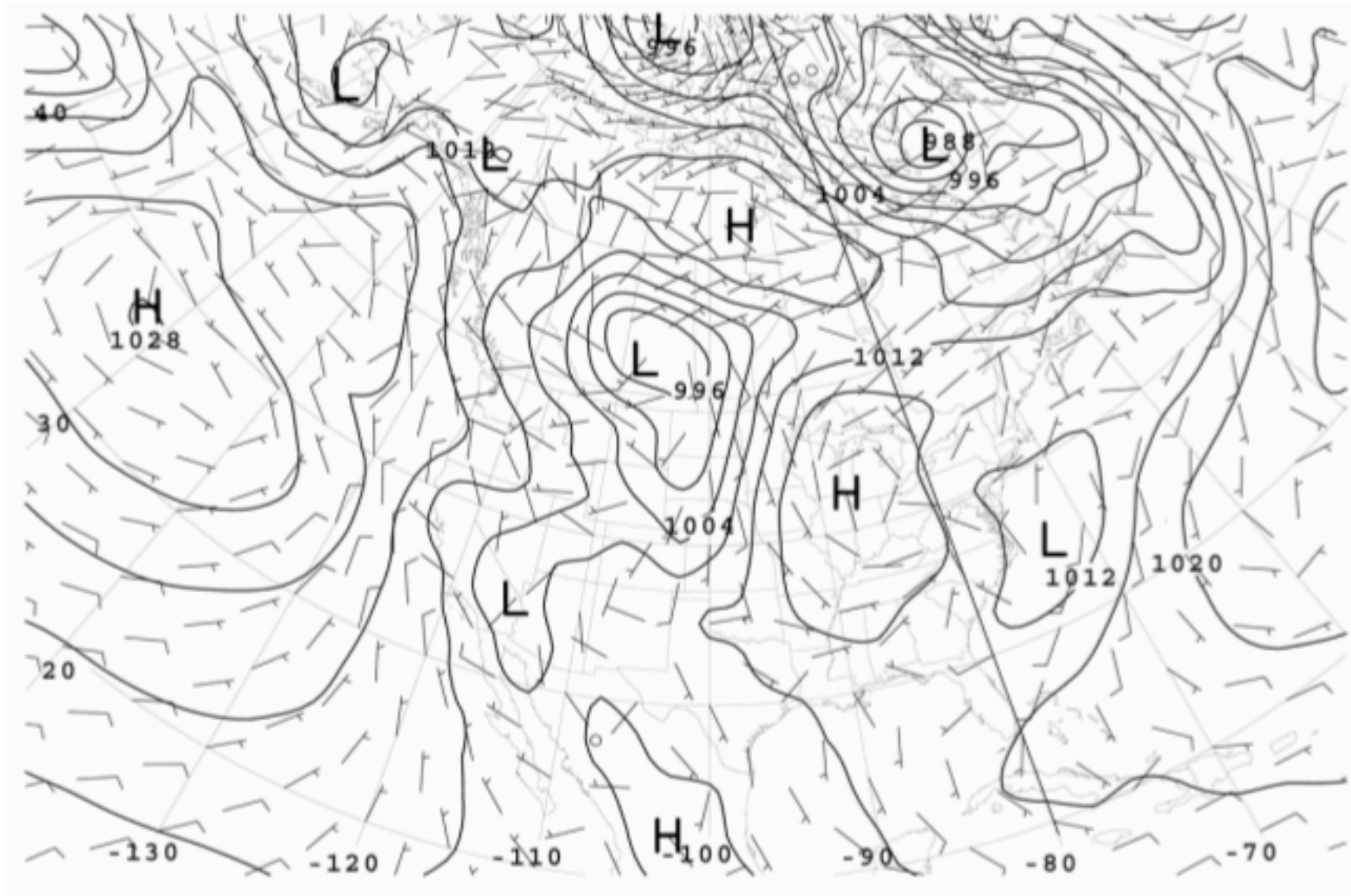


MARSHALL PLUMB Fig 7.22

MARSHALL PLUMB Fig 7.24

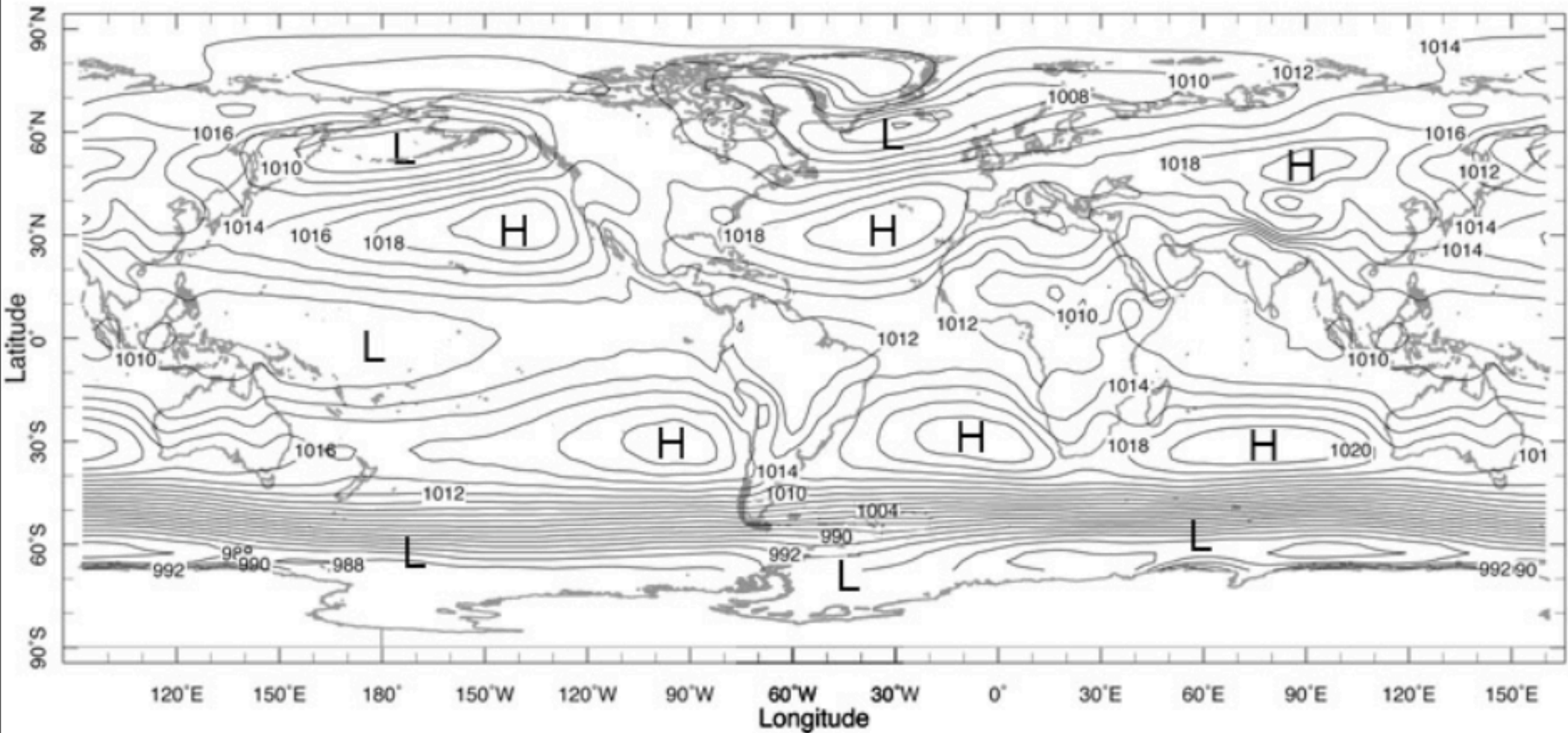


MARSHALL PLUMB Fig 7.26

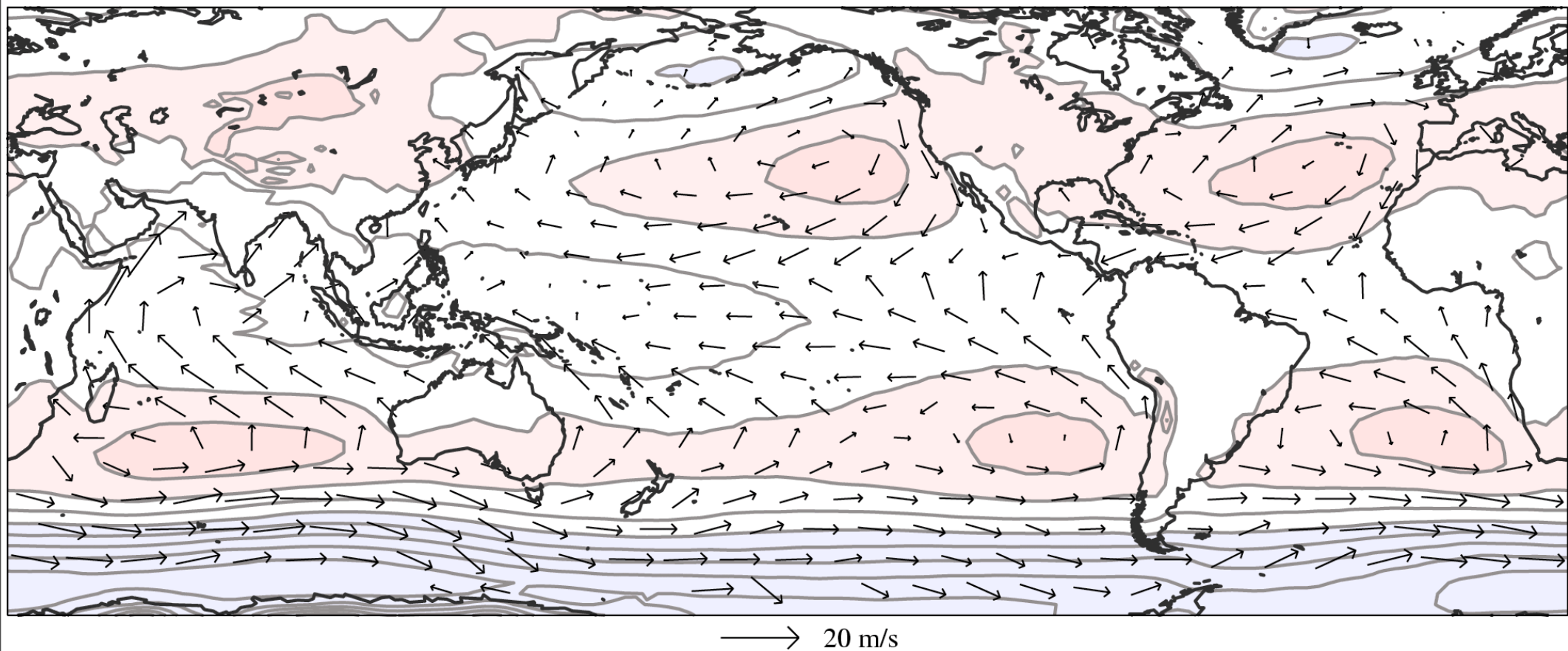


MARSHALL PLUMB Fig 7.25

Atmospheric Surface Pressure (mb)

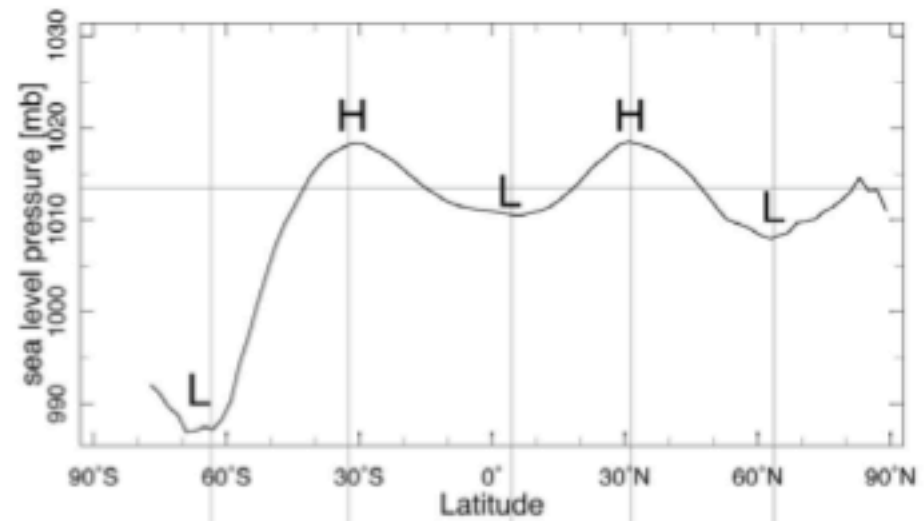


Annual mean sea-level pressure and surface winds, 2000-02

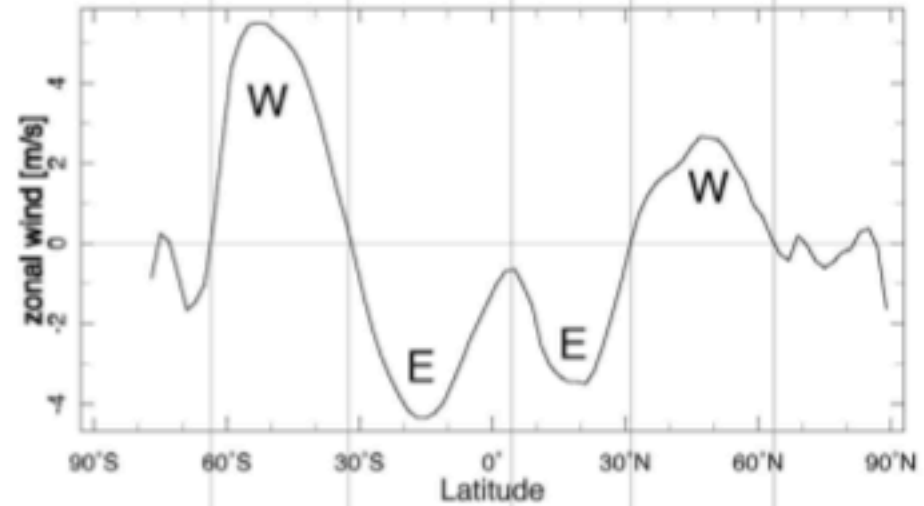


→ 20 m/s

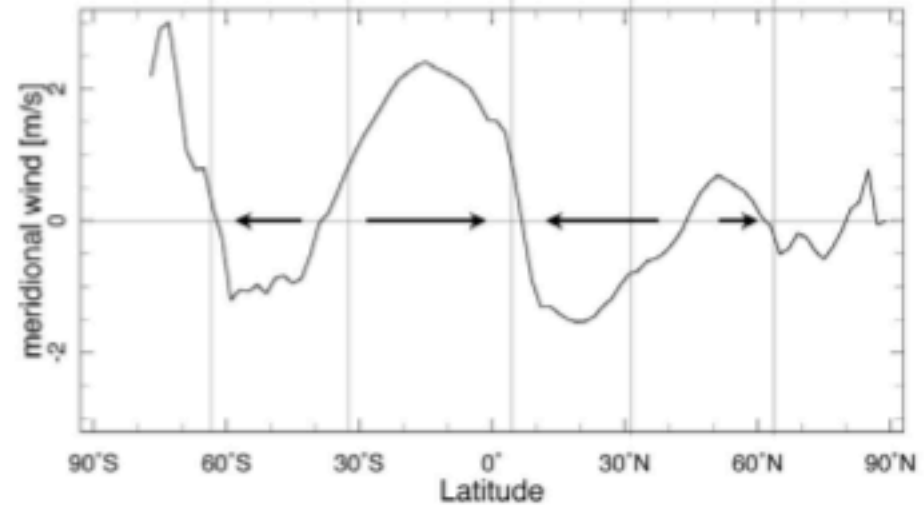
Sea level pressure



Sea level zonal wind



Sea level meridional wind



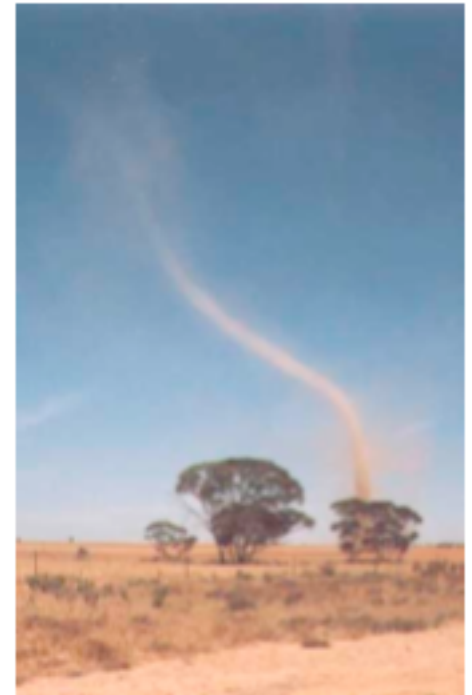
Tornadoes



Watersprouts



Dust devils



in cyclostrophic balance

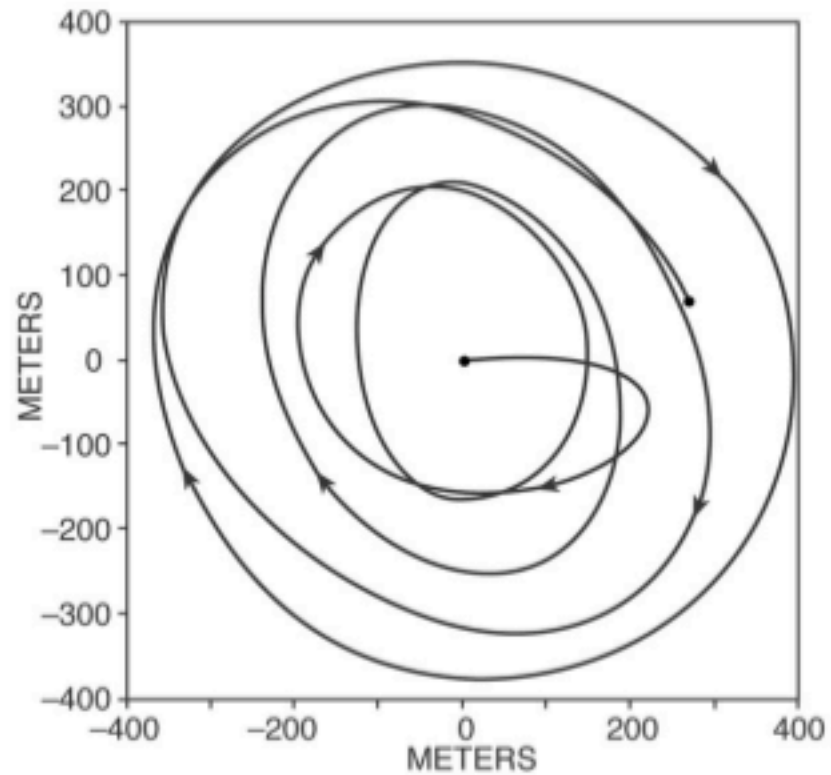


Figure 6.16: Inertial circles observed by a current meter in the main thermocline of the Atlantic Ocean at a depth of 500 m; 28°N , 54°W . Five inertial periods are shown. The inertial period at this latitude is 25.6 h and 5 inertial periods are shown. Courtesy of Carl Wunsch, MIT.