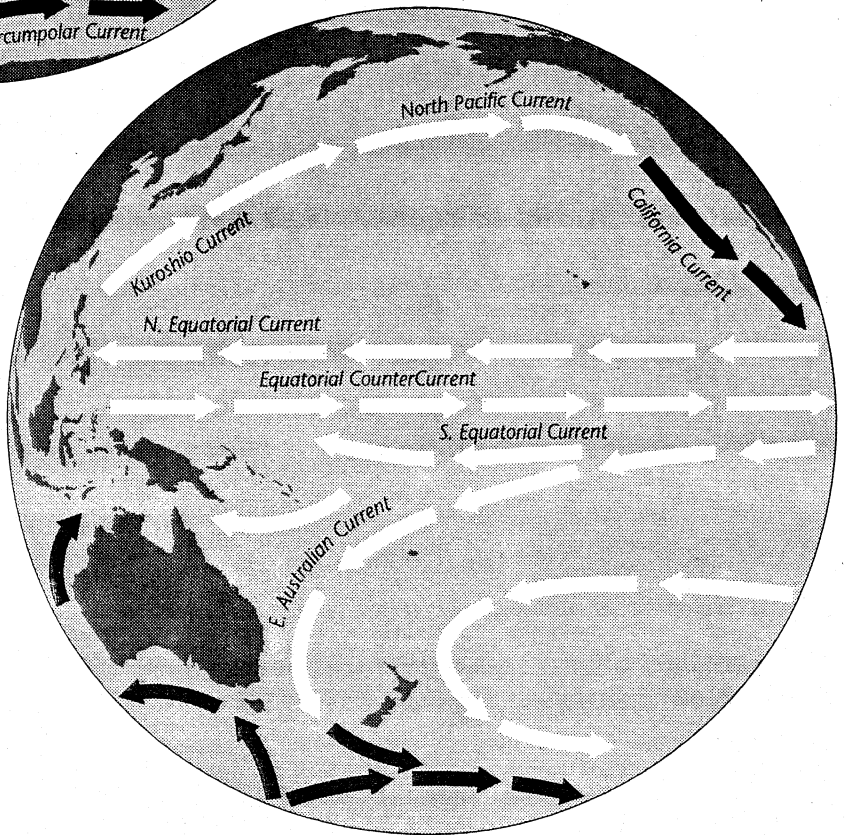
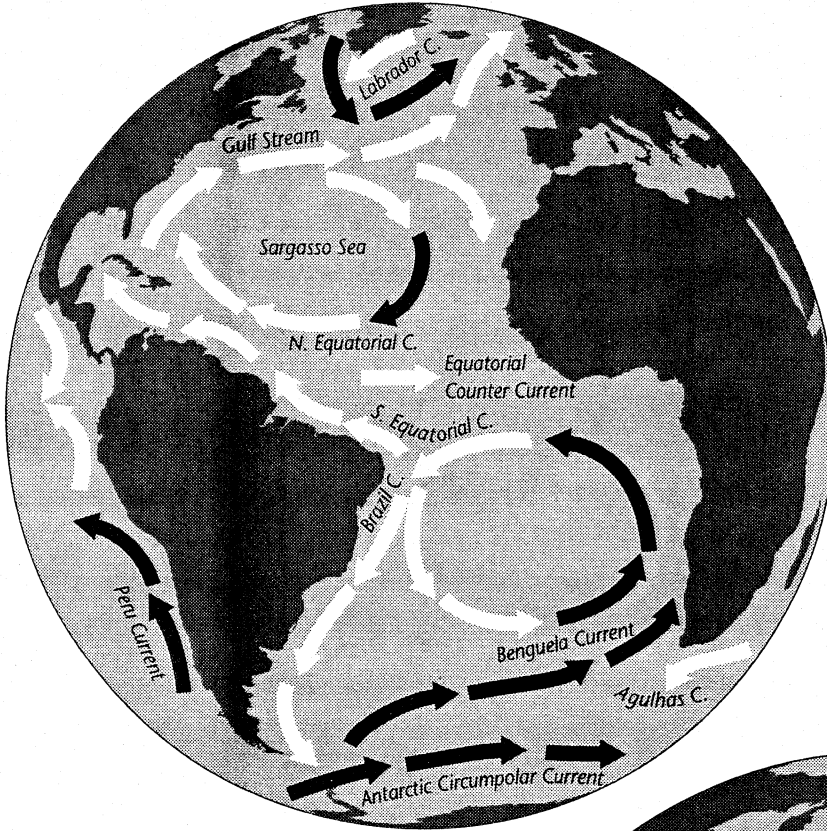


TRANSPARENCY 33

Ocean Motion

Chapter 17

MAJOR SURFACE CURRENTS



TRANSPARENCY 33

Ocean Motion

Chapter 17

MAJOR SURFACE CURRENTS

1. What is a surface current?

2. What causes most surface currents?

3. What is the significant difference between ocean currents in the Northern Hemisphere and currents in the Southern Hemisphere?

4. In what direction do the North Equatorial and South Equatorial currents flow? Are they warm-water or cold-water currents?

5. How do continents affect the direction of surface currents?

6. Which two currents together circle the North Atlantic Ocean?

7. In general, how do currents that flow along the west coasts of continents compare with currents that flow along the east coasts of continents?

8. Why would a trans-ocean shipping company use maps that indicate the locations of ocean currents?
