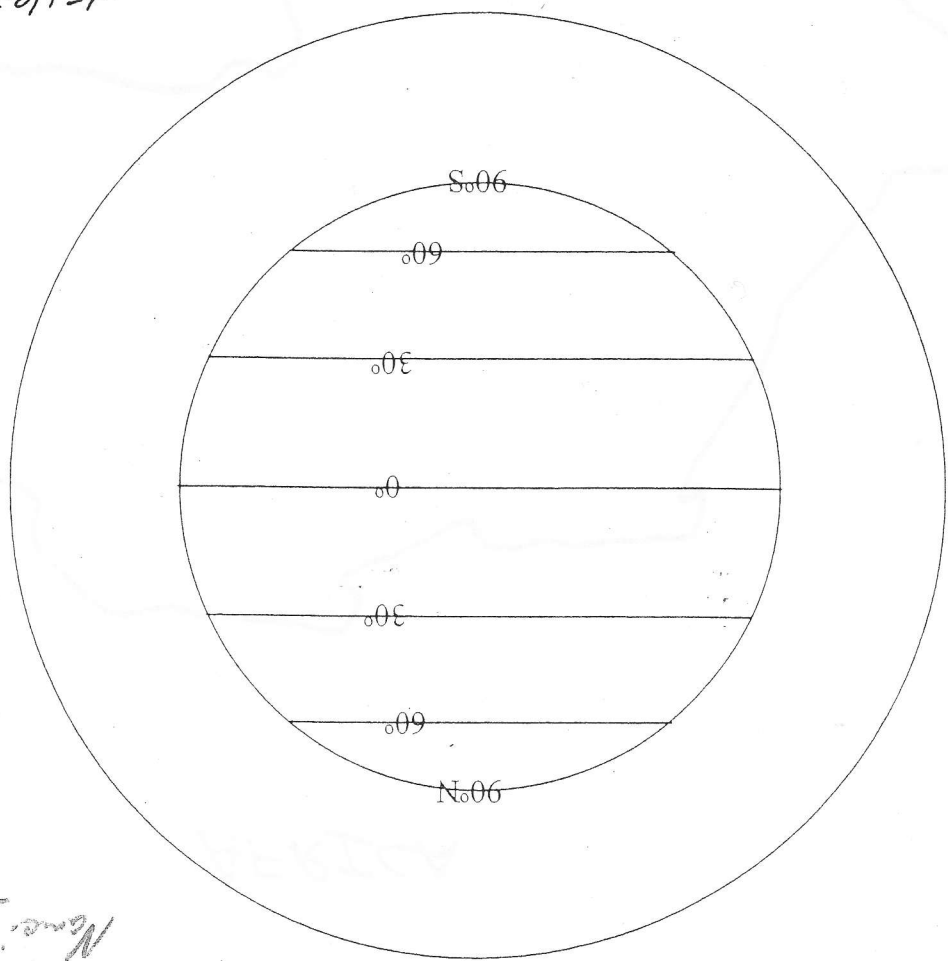


Name: _____



Seasonal Climates: Summer Wet / Winter Dry, and Summer Dry / Winter Wet

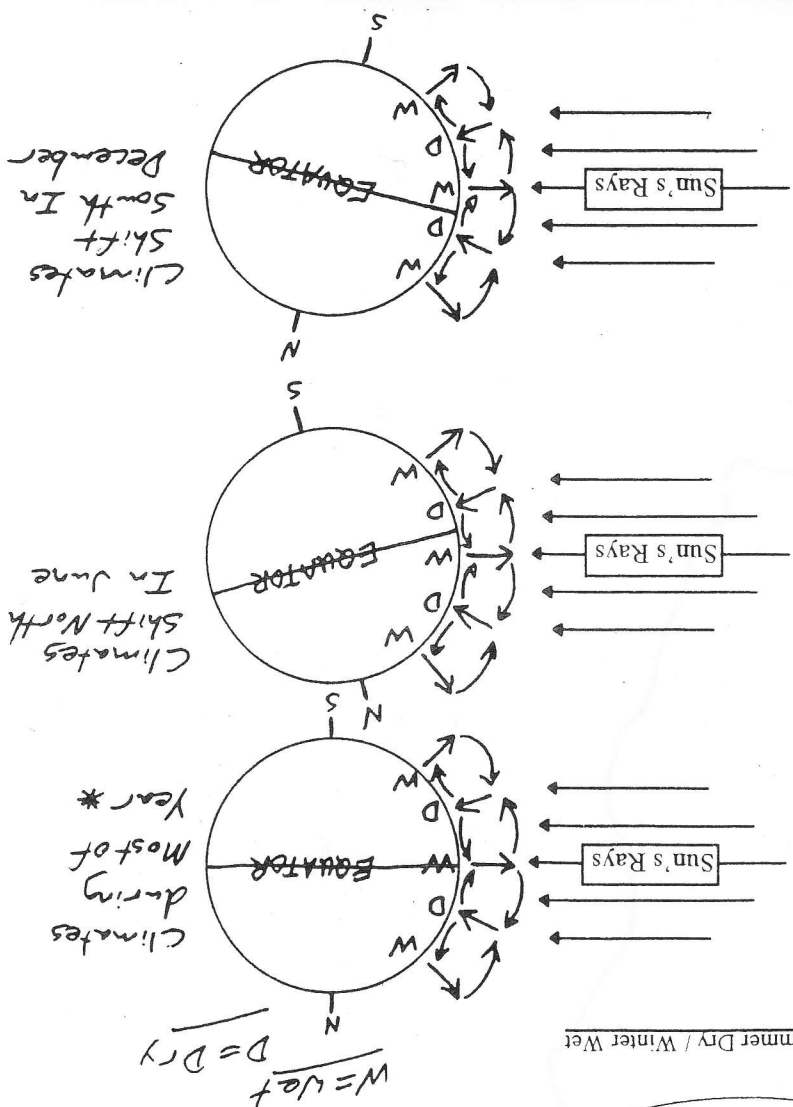
During most of the year, the sun is "over the equator," so the hot air rises at the equator and circulates as shown on the right. Wherever the air is rising, it is generally wet. Wherever the air is sinking, it is generally dry.

During June, the earth is tilted differently, causing the sun to "shift to the North." You can see that the sun's rays are most direct north of the equator. This causes the rising and sinking air to shift north with the sun. So do the pressure belts and the wet and dry areas.

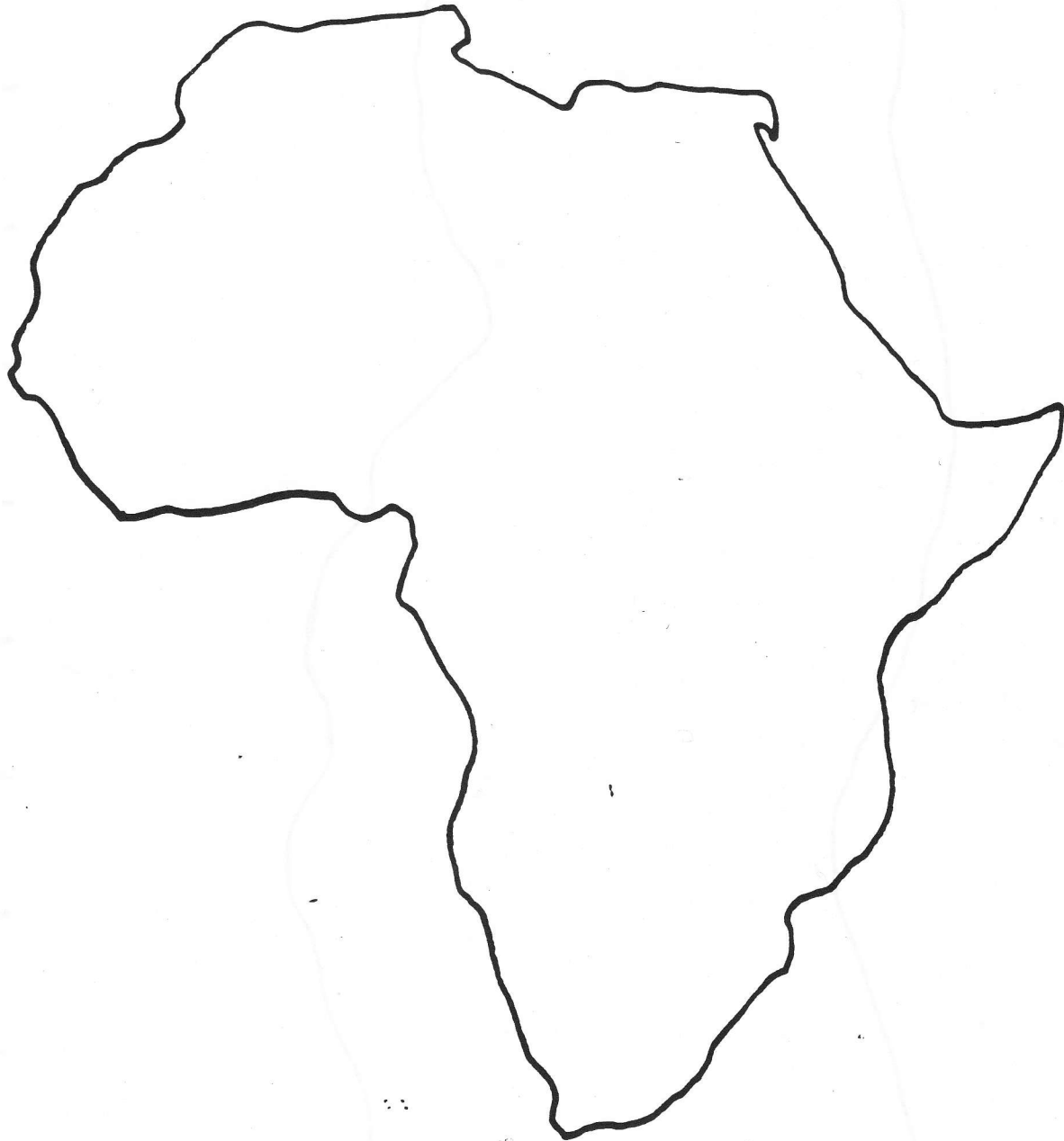
This is Summer in the Northern Hemisphere and Winter in the Southern Hemisphere.

During December, the tilt of the earth causes the sun to "shift to the South," so the rising and sinking air, the pressure belts, and the wet and dry areas all shift to the south.

This is Winter in the Northern Hemisphere and Summer in the Southern Hemisphere.



AFRICA



AUSTRALIA

— Equator —

10° —

20° —

30° —

40° —



— Equator —

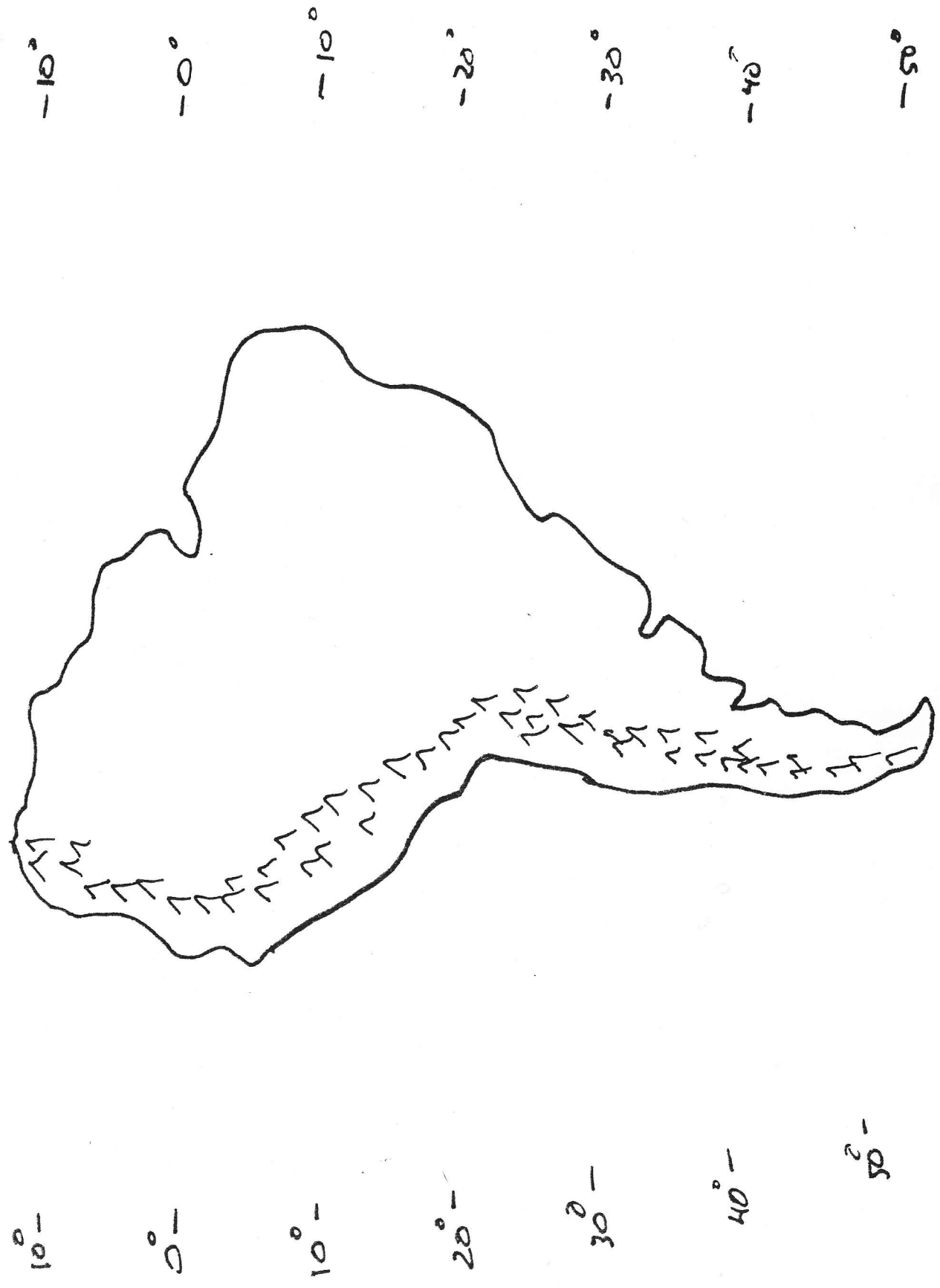
— 10° S

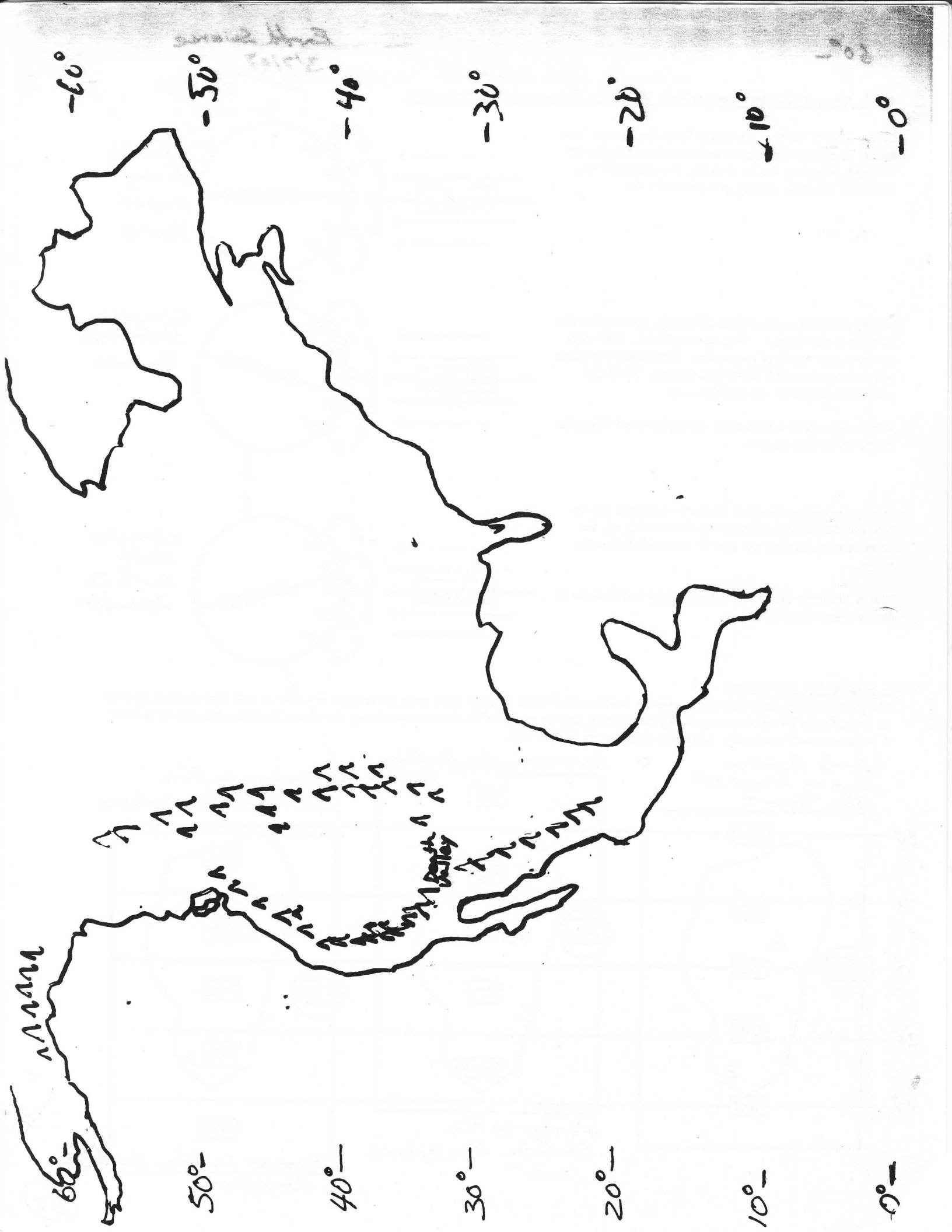
— 20° S

— 30° S

— 40° S

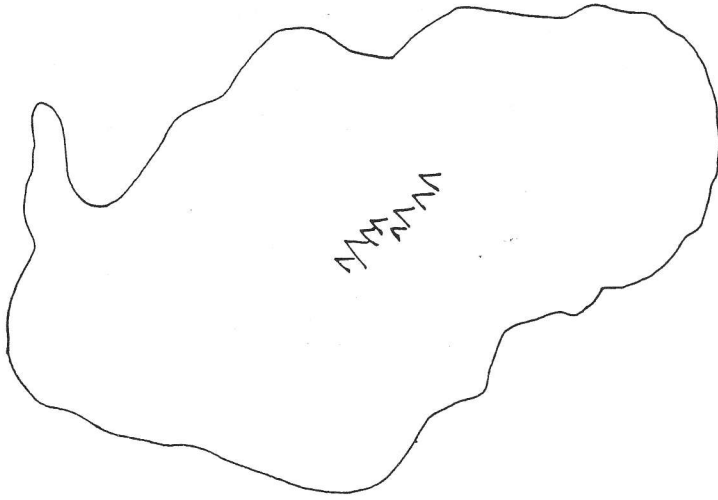
South America





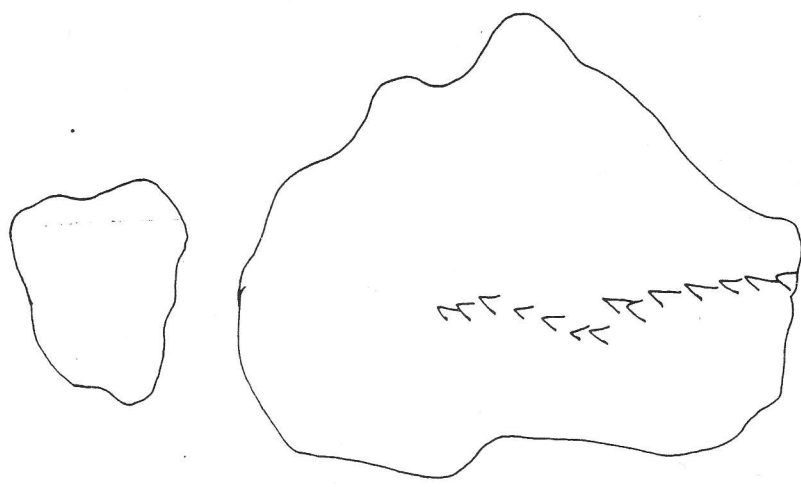
practice Climate Maps

A



- 60° - 60°
 - 50° - 50°
 - 40° - 40°
 - 30° - 30°
 - 20° - 20°
 - 10° - 10°
 - 0° - 0°
 - 10° - 10°
 - 20° - 20°
 - 30° - 30°
 - 40° - 40°
 - 50° - 50°
 - 60° - 60°

B



- 60°
 - 50°
 - 40°
 - 30°
 - 20°
 - 10°
 - 0°
 - 10°
 - 20°
 - 30°
 - 40°
 - 50°
 - 60°