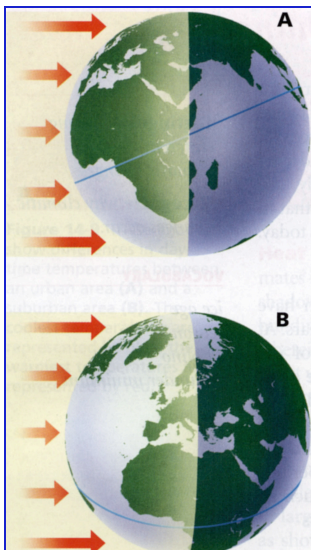


**LETWAV (#4)**

Comments/Questions



5. Atmospheric Circulation (AKA \_\_\_\_\_)
- a. There are three basic wind systems in each hemisphere: Polar Easterlies, Northeast or Southeast \_\_\_\_\_ and Prevailing Westerlies.
  - b. These winds blow \_\_\_\_\_ with distinct regions of origin (ie. formed over land or water, formed at certain latitudes).
  - c. Winds move warm air toward the poles and cool air toward the \_\_\_\_\_.

6. Vegetation

- a. Vegetation influences how much of the sun's energy is absorbed and how quickly this \_\_\_\_\_ is released, which affects the climate.
- b. During transpiration, plants release water vapor from their leaves into the air.
- c. Some plants release particles that promote the formation of \_\_\_\_\_.

III. Short Term Natural Climate Changes

Changes in climate trends, measured in \_\_\_\_\_ to \_\_\_\_\_

1. Seasons

- a. The tilt of the earth's axis causes different areas of Earth to receive \_\_\_\_\_ amounts of amounts of \_\_\_\_\_ radiation
- b. This results in variations in daylight, temperature and \_\_\_\_\_ patterns
- c. When the north pole is pointed toward the sun, the northern hemisphere experiences \_\_\_\_\_ and the southern hemisphere experiences \_\_\_\_\_ (A)
- d. During spring and fall, neither \_\_\_\_\_ points toward the sun (B)

Summary