

Climate factors

A) Factors that affect earth's climate.

1) Sun: Most important factor!

a) The earth gets the same amount of light each day. But, since the Earth is tilted on its axis, the light is unevenly divided into two hemispheres.

b) The hemisphere that is tilted toward the sun is receiving more direct light and is experiencing summer, less direct light; winter.

2) Oceans - 70% of the earth's surface

a) Oceans store a lot of heat.

b) Temp. of ocean affect the area climate.

c) Both ocean & land absorb heat energy but oceans store it.

3. Large Bodies of Water

a) Great Lakes

4. Height above sea level (Higher the colder)

* Elevation

* Altitude

5. Large Landforms

- Mountains

(Warm air rises and cool air sinks)