

The Earth's Atmosphere

Is composed of the following layers:

- Troposphere
 - is the lowest layer of the earth's atmosphere, containing almost all weather activity and total atmospheric mass
- Stratosphere
 - is the second layer in the earth's atmosphere, containing the ozone layer and some jet traffic
- Mesosphere
 - is the third layer of the atmosphere serving as both the coldest part of the atmosphere and the location where meteors often burn up and dissolve
- Thermosphere
 - is the fourth layer of the atmosphere, containing the warmest temperatures
- Exosphere
 - is the top layer of the atmosphere where atoms and molecules escape into space

Includes the atmospheric cycle, which is the exchange of heat between the sun and the surface of the earth which determines the weather

- Includes the following processes:
 - evaporation
 - is the process by which water changes from a liquid to a gas or vapor
 - transpiration
 - is the release of water from plant leaves
 - condensation
 - is the process by which water vapor in the air is changes into liquid water
 - precipitation
 - is water released from clouds and is found in the form of rain, freezing rain, sleet, snow or hail
 - percolation
 - is the process of water slowly passing through into the soil or ground

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Atmospheric Cycle

