

The Hydrologic Cycle

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- the continuous circulation of water in the Earth-atmosphere system.

Processes

a) Evaporation

- liquid to gas
- energy is required

ex sweat - body uses heat to evaporate the liquid \therefore body is cooled.

b) Transpiration

- evaporation of water from plants through stomata

c) Condensation

- water vapour (gas) in atmosphere is returned to a liquid state
- appear as clouds, mist, dew, frost
- happens when temp. reduces down to dewpoint

d) Precipitation

- results when the tiny condensation cloud particles grow too large through collision for the rising air to support, and thus fall to the \oplus

e) Runoff

- when there is excess precipitation, ground is saturated (so can't absorb more)
- runoff flows into streams and eventually oceans.

To Do:

① Use Pg 150 to draw water cycle into notes

② Write a brief story describing a possible life of a raindrop as it goes through the water cycle

↳ read your story to class