

Entrance homework for Lesson 1 – Water cycle

Components of the water cycle can be thought of as those representing stores (amount of water stored in a particular state) and those representing flows. We can divide flows further into processes/flows (movement of water in its liquid state) and change of state flows (when water is moved from one state to another, for example ice melted to liquid water state).

Review what you learned about the water cycle and try sorting out the following terms.

Can you sort out which terms represent stores, flows and change of state flows from the below list?

Overland flow, Sublimation, Soil moisture, Ice – glaciers, Transpiration, Surface storage – lakes and reservoirs, Throughflow, Precipitation, Vegetation, Atmosphere, Ablation, Channel storage, Evaporation, Condensation, Groundwater flow, Infiltration, Groundwater, Percolation, Oceans, Saturated overland flow.

Stores

Flows

Processes/flows

Change of state flows
