

The Water Cycle Study Notes

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Use it to complete your copy of the study notes.

1. Reservoir is used to describe a place where water is found in Earth systems.
2. The final step before water is acceptable for human consumption is chlorine or UV light disinfectant.
3. When water vapor (gas) changes to a liquid it is called condensation.
4. Water is cleaned in nature through the water cycle.
5. Water exists in all three forms; as a solid, liquid and gas when it is in the air.
6. Plants contribute to the water cycle by storing water and releasing it through transpiration.
7. Water must be clean for people to drink because dirty water can make people sick or kill them.
8. The change of liquid water to water vapor (gas) is called evaporation.
9. A molecule of water spends the **MOST** amount of time in the ground.
10. The process of water seeping into pores in the ground is infiltration.
11. Water in a glacier can be expected to stay in the glacier for 1,000 years.
12. A molecule of water would spend the **LEAST** amount of time in living things.
13. Well water from deep underground is sometimes clean enough for drinking because it has been filtered through layers of rock.
14. 97% of water is in the oceans. Only about 3% is fresh water.
15. Groundwater spends a long time in the ground because groundwater does not evaporate.
16. The sun is the main source of the energy required to change water from a liquid to gas phase.
17. Water in a wave in the Pacific Ocean arrives in Utah a week later because air currents carried it.
18. A reservoir is a place where large amounts of water are stored.
19. Surface water can look clean but contain harmful bacteria so thirsty hikers should not drink from a stream.
20. A process that removes salt from water is desalination.