



Cycle of Water



Take the quiz on water cycle and see how you fare!

1. What is the process called in which water circulates from the oceans to the clouds and back to the land and the rivers, only to accumulate back into the oceans?

2. What is a necessity in the process of evaporation, other than water itself?

3. Condensation is the process responsible for the formation of clouds. Are clouds weightless?

4. Are raindrops always tear-shaped?

5. Why are oceans such an important part of the water cycle?

6. How long does the snow on top of mountains stay there?



Answer:



1. What is the process called in which water circulates from the oceans to the clouds and back to the land and the rivers, only to accumulate back into the oceans?

The entire process of water circulating from oceans to the clouds and back to the land and to the rivers, and then to the oceans is called water cycle.

2. What is a necessity in the process of evaporation, other than water itself?

Heat is necessary for evaporation to occur. The heat energy is used to break the bonds among the water molecules and evaporate.

3. Condensation is the process responsible for the formation of clouds. Are clouds weightless?

Clouds contain water vapor and vapor has weight. Even though a cloud weighs tons, it doesn't fall on us as the rising air keeps it floating in the atmosphere.

4. Are raindrops always tear-shaped?

Raindrops are never tear-shaped. As rain drops fall, they are pushed up hard by the atmospheric air, causing them to flatten out at the bottom. Therefore, they are generally bun shaped!

5. Why are oceans such an important part of the water cycle?

Oceans are important to the water cycle as they have most water on Earth, besides receiving all the water from our rivers and streams and evaporating it back into the air.

6. How long does the snow on top of mountains stay there?

Some mountain tops are so cold that the accumulated snow can stay there for years and form glaciers. However, some mountains also experience seasonal snowfall that melts as soon as it's summer.