

Hydrosphere Test Review

Section: 1

Water Distribution

Rivers

Question 1

One of the main issues concerning fresh water is that most of it is found where?

- A. Glaciers and Icecaps
- B. Aquifers
- C. Underground
- D. Oceans

Question 2

How does water become ground water?

- A. Sublimation
- B. Evaporation
- C. Transpiration
- D. Infiltration

Question 3

Where do the people of NC get most of their drinking water from?

- A. Aquifers
- B. Lakes
- C. Rivers
- D. Estuaries

Question 4

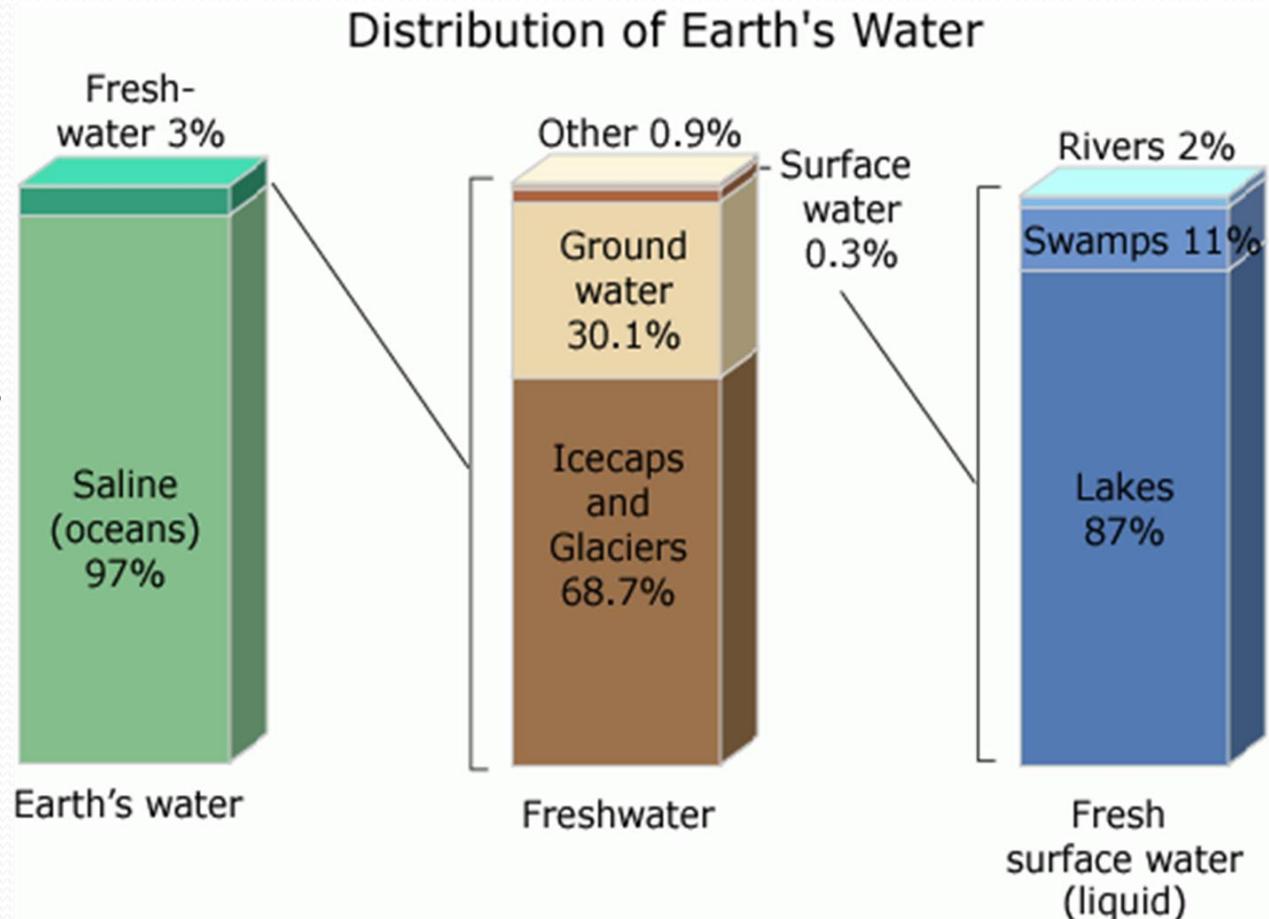
Which best describes how estuaries support plant and animal life?

- A. The dry land removes pollutants
- B. The water provides energy for growth
- C. The habitat areas provide nutrients and shelter
- D. The cold temperatures decrease dissolved oxygen

Question 5

According to the image below, where is most of Earth's fresh water located?

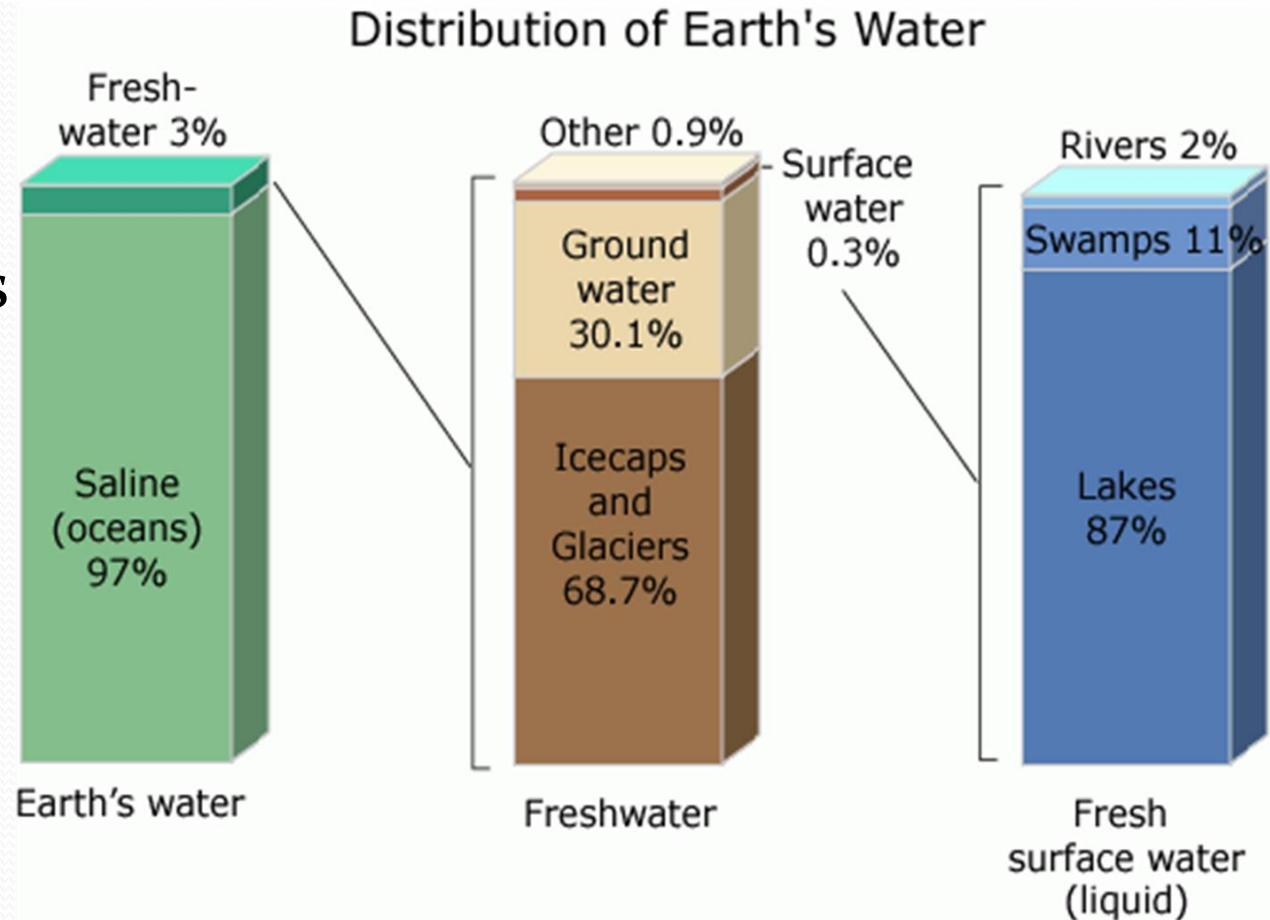
- A. Ground water
- B. Ice caps/ Glaciers
- C. Rivers
- D. Lakes



Question 6

According to the image below, what accounts for almost 70% of Earth's fresh water?

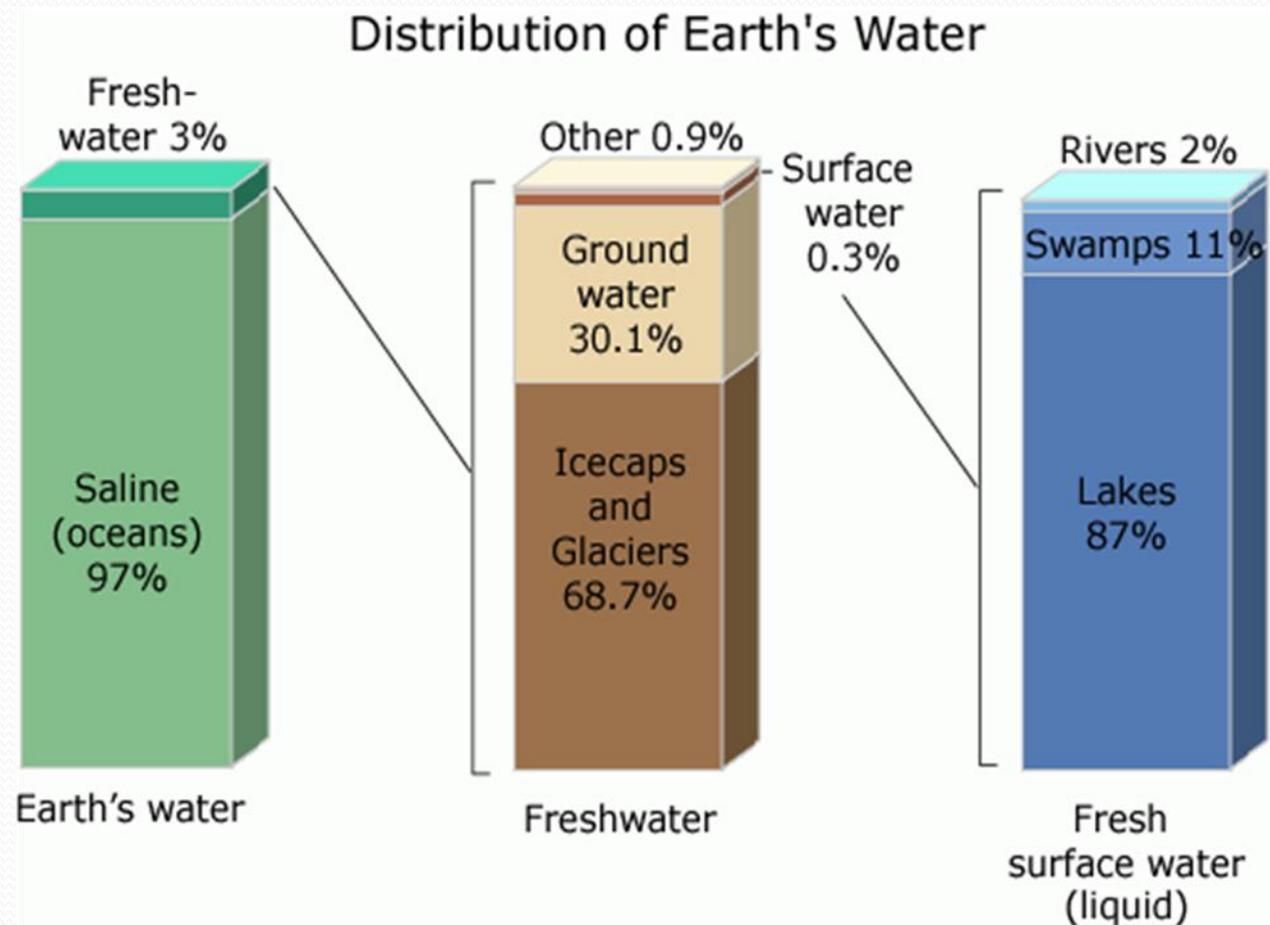
- A. Ground water
- B. Icecaps/ Glaciers
- C. Rivers
- D. Lakes



Question 7

Using the image below, which of the following accounts for most of the fresh surface water?

- A. Rivers
- B. Lakes
- C. Swamps
- D. Ground water



Question 8

Looking at the list below all of the following belong except which?

Skin, cotton, gravel, sand, plastic, wood, glass

- A. Skin & Gravel
- B. Cotton & Glass
- C. Glass & Plastic
- D. Plastic & Sand

Question 9

If all the water on our planet stays constant, why are we concerned about how much water we have to drink?

- A. The amount of water on our planet stays constant, but the amount of fresh water increases the more we pollute.
- B. The amount of water on our planet stays constant, but the amount of salt water decreases with how much we pollute.
- C. The amount of water on our planet stays constant, but the amount of salt water increases with how much we pollute.
- D. The amount of water on our planet stays constant, but the amount of fresh water we have changes with how much we pollute.

Question 10

Which of the following would most likely negatively impact water availability?

- A. Floods
- B. Droughts
- C. Hurricanes
- D. Forest fire

Question 11

A student wants to create a model showing the most important reason why old gasoline should never be poured into the soil. Which of the following must be included in the model?

- A. Gasoline evaporating from soil
- B. Gasoline catching fire in the soil
- C. Gasoline polluting an old septic system
- D. Gasoline trickling down into the ground

Question 12

If water is recycled in the atmosphere, which best describes why water availability on Earth is decreasing?

- A. An increase in drought is slowly reducing freshwater reservoirs
- B. Due to an increase in Earth's temperature, evaporation rates continue to increase reducing liquid water on the surface.
- C. Earth's freshwater continues to become more polluted, reducing the supply of freshwater safe for humans to consume.
- D. Earth's water availability is not affected by the atmosphere.

Question 13

Which is the main reason scientists monitor the water quality of streams, lakes, and other water sources?

- A. To protect the health of humans
- B. To maintain a clean environment
- C. To decrease oxygen levels in in the water
- D. To maintain adequate nitrates and bacteria in water

Question 14

Which best explains how the levels of nutrients, minerals, and dissolved gases in an estuary compare to those in surrounding bodies of water?

- A. The levels vary depending on the ocean that connects to it.
- B. The levels are lower in the estuary than in the river that connects to it.
- C. The levels vary depending on the river and the ocean that connect to it.
- D. The levels are higher in the estuary than in the ocean that connects to it.

Question 15

What is an unlikely source of water for a river basin?

- A. Melting snow
- B. Ocean water
- C. Melting ice
- D. Rain

Question 16

Which type of precipitation most often soaks the ground and refills groundwater?

- A. A violent hail storm
- B. A heavy morning fog
- C. A gentle, long-lasting rain
- D. A sudden, fast-moving storm

Question 17

Which could cause a well that has always worked perfectly to suddenly stop working?

- A. a falling water table due to increased precipitation over a long period of time
- B. a falling water table due to decreased precipitation over a long period of time
- C. a rising water table due to increased precipitation over a long period of time
- D. a rising water table due to decreased precipitation over a long period of time

Question 18

Which is true about approximately 80% of Earth's water supply?

- A. it is moving
- B. It is not moving
- C. It exists as salt water
- D. It exists as fresh water

Question 19

Where does all water on Earth eventually flow?

- A. Oceans
- B. Ponds
- C. Lakes
- D. Rivers
- E. Streams