

# What is a Hydrosphere?

The Earth's hydrosphere is the water that covers the surface of the planet. It includes all of the ocean, lakes, rivers, streams, and underground water sources. It also includes all of the moisture in the atmosphere, such as clouds, fog, and snow.

The hydrosphere is an important part of the Earth's environment. It is home to many different kinds of animals and plants, and it is vital to our survival. Water is essential for life, and without it, life would not exist. The hydrosphere also helps to regulate the climate of the Earth.

The hydrosphere is made up of a few different components. The ocean makes up the largest part of the hydrosphere, covering about 71% of the Earth's surface. The ocean is full of many different types of species and helps to regulate the Earth's climate. The ocean also helps to absorb excess carbon dioxide from the atmosphere, helping to keep the Earth's temperature at a livable level.

The second largest part of the hydrosphere is freshwater. Freshwater sources include lakes, rivers, streams, and underground sources. These are important sources of drinking water for humans and animals. The freshwater sources also play an important role in regulating the climate of the Earth. As water evaporates from these sources, it helps to cool the air, creating clouds and fog.

The last component of the hydrosphere is the atmosphere. The atmosphere contains a lot of moisture, and this moisture helps to create clouds and fog. The moisture in the atmosphere also helps to regulate the temperature of the Earth, as it traps some of the heat from the sun.

The hydrosphere is an important part of the Earth's environment. It helps to regulate the climate of the Earth and provides essential resources for life. Without the hydrosphere, life on Earth would not be possible.

# Hydrosphere

## Questions:

1. Where is the Hydrosphere found and what is it primarily made up of.
2. List 4 things that are included as part of the Hydrosphere:
3. Explain why the Hydrosphere is vital to our survival.
4. What are the first and second largest parts of the Hydrosphere?
5. List 3 facts and 2 interactions that occur in the hydrosphere.