

Weather is the condition of the outside air at any time or place, and it is constantly changing. The climate, on the other hand, gives the big picture, or what the weather is like over a long period of time.



Key vocabulary

weather

The condition of the outside air or atmosphere at a particular time and place. Weather can be described as hot or cold, wet or dry, calm or windy, clear or cloudy.

atmosphere

The mixture of gases that surrounds a planet, or the air in a particular place.

climate

The usual weather in a place, such as a warm climate.

precipitation

The falling of water from the sky in the form of rain, sleet, hail, or snow.

meteorologist

Someone who specializes in meteorology.

Related articles



Air Masses & Fronts

What has a constant temperature and humidity and is made of air? You guessed it! It is an air mass, and it has a big influence on weather.



Air Pressure & Wind

Why is wind so powerful if you cannot even see it? Everything from a breeze to a hurricane is caused by air pressure.



Biomes

Ecosystems can get really big, and when they do, they are called biomes. Which biome do you live in?



The Water Cycle

You probably see rain or snow all the time, but do you know how water gets back up into the sky? The water cycle makes sure water gets where it needs to go.