

COMPARE AND CONTRAST

Types of Clouds

Everyone knows there are clouds in the sky. But did you know that there are different types of clouds? These clouds not only look different from each other, but also produce different types of weather!

There are high clouds, middle clouds, and low clouds. High clouds are above 18,000 feet. Middle clouds are 6,500 to 18,000 feet in the air. Low clouds can be up to 6,500 feet.

The most common high cloud is the cirrus cloud. They are white, thin, wavy clouds. When you see cirrus clouds, it means there will be good, fair weather.

Two types of middle clouds are the altostratus and altocumulus clouds. Altostratus clouds can mean there will be lots of rain or snow coming. Altocumulus clouds can mean there will be afternoon thunderstorms.

Stratus clouds are the most common low clouds. They are gray clouds that resemble, or look like, fog. Usually, mist or rain will fall from stratus clouds.

The other common type of cloud is the cumulus cloud. It is not a high, middle, or low cloud because it is a vertical cloud, which means it goes up and down. Cumulus clouds are big, white puffy clouds. When you see a cumulus cloud, it will most likely be a fine day.

Different Clouds

Clouds come in many different shapes and sizes! Different clouds can also mean different things when we are predicting weather.

Cirrus clouds can mean there will be a change in the weather in the next 24 hours.

Cirrostratus clouds can be seen 12-24 hours before a rain or snowstorm.

Circumulus clouds are seen in the winter and usually mean it will be fair weather, but very cold.

Altostratus clouds means there will be continuous (going on for a long time) rain or snow.

Alto cumulus clouds may mean there will be thunderstorms in the afternoon.

Stratus clouds usually mean there will be a light rain, or mist.

Cumulus clouds can predict a beautiful day, but cumulonimbus clouds are thunderstorm clouds.

There are many more clouds and all of them have different reasons for forming in the sky. We can learn a lot from studying clouds and what they do!

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Michael Seilmaier

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