

# Cloud Comparison

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# What are clouds...?

- Very tiny droplets of water or ice crystals that have gathered in a large collection.
- The bundles of droplets are so small and light that they can float.
- Clouds appear white because they reflect light from the sun.

# How are clouds formed...?

- All air contains water
- The air near the ground is usually made up of an invisible gas called water vapor.
- As warm air rises, it expands and cools. Cooler air is not able to hold as much water vapor as warm air, so much of this vapor condenses onto tiny pieces of dust floating in the air.
- This forms a tiny droplet around each dust particle.
- When billions and billions of these droplets come together they form a visible cloud.