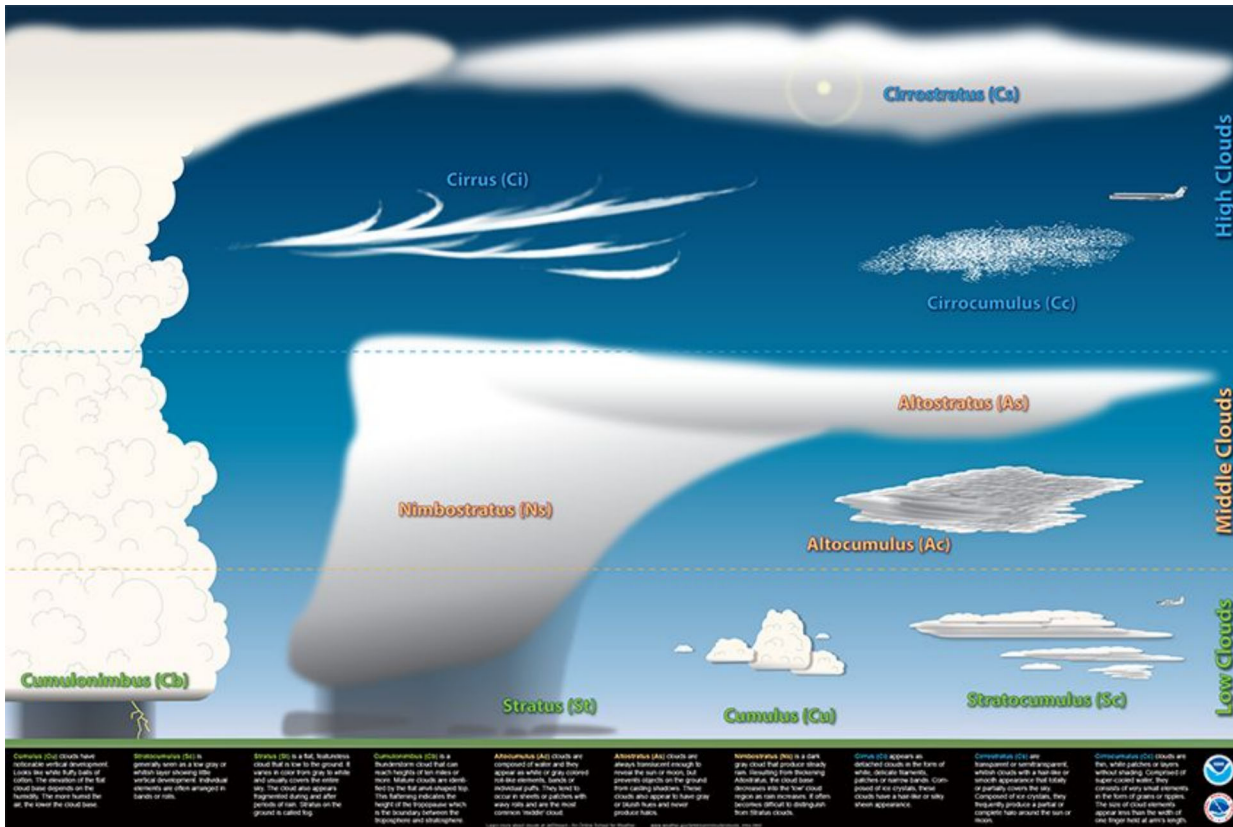
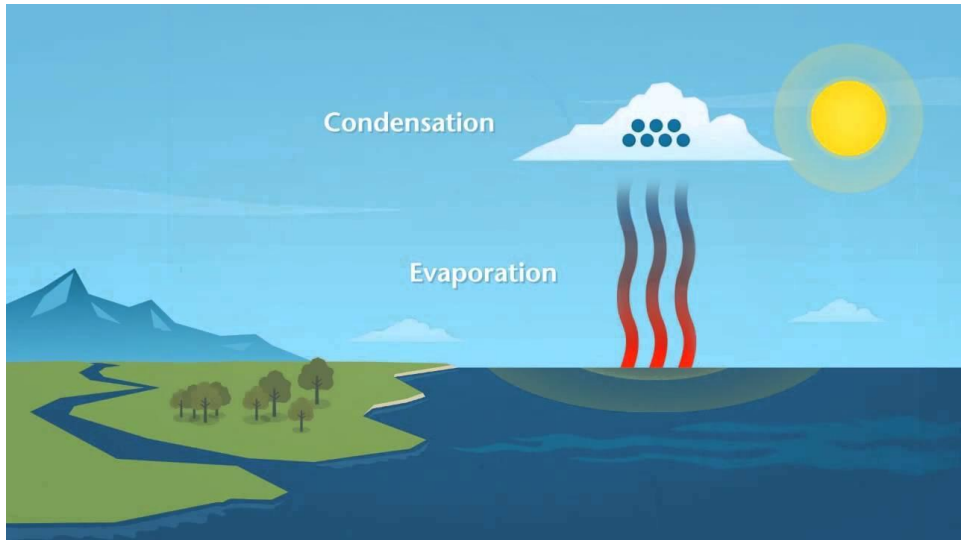


Clouds

Cloud formation has two important steps:

1. Water evaporates, becoming a gas in the atmosphere.
2. Water condenses, becoming a liquid in the atmosphere. If there is enough dust, pollen or other particles in the atmosphere for the water to attach to a cloud forms.



Forecasters look at features in clouds to predict the weather, such as cloud height and amount of moisture in clouds.

Clouds can weigh tens of millions of tons.

Clouds help to keep the earth warm, but also provide relief from direct sunlight.

Try it!

- 1) Put a small amount of water in a plastic water bottle.
- 2) Spray a little bit of hair spray in the water bottle and put on the cap.
- 3) Squeeze the bottle multiple times. After a few squeezes slowly release the squeeze and see a cloud form in the bottle.



Why? Clouds just need a few things to form. There is water in the bottle. The hair spray are the particles in the air. The squeezing changes the air pressure in the bottle.