

Question: What are the different Cloud formations and what do they mean?

Cloud Forms and Weather

Four different cloud types

Cumulus

Develop into these

Cumulonimbus

Cirrus

Stratus

Characterized as white and puffy "pieces of floating cotton"

Form vertically, made up of water droplets and supercooled droplets. These droplets are warmed by sunshine and rise and get bigger

Indicate fair-weather

Develop into these

Formed from water vapor carried by powerful upward air currents

Indicate thunderstorms, heavy rain, snow, hail, lightning and tornadoes. They point in the direction the storm is moving

Characterized by thin, wispy strands

Formed when water vapor undergoes deposition

Indicate the arrival of precipitation and that the weather conditions may soon change

Characterized by dark gray, wet looking cloudy layer

Form horizontally, made up of water droplets and supercooled droplets

Are associated with continuously falling rain or snow. Produce light to moderate precipitation