

Clouds

What type of cloud am I?

Study the cloud posters to determine what type of cloud is in each picture.

CLOUDS

Cirrocumulus

High-Level Clouds
High-level clouds form above 20,000 feet (6,000 meters). They are primarily composed of ice crystals.

Clouds with Vertical Development
Fed by powerful updrafts, these clouds can grow to heights in excess of 39,000 feet (12,000 meters). They can release incredible amounts of energy through the condensation of water vapor within the cloud itself.

Cumulonimbus
Cumulonimbus clouds are large, vertically-oriented cloud clouds that can grow to enormous heights as high as 39,000 feet (12,000 meters). The top of the cloud can be seen as a flat, white, anvil-like shape. High cirrus clouds can be found at the top of the cloud and may extend the entire length of the cloud. High cirrus clouds are the most common clouds to be seen from the ground. They are composed of ice crystals and are often associated with heavy rain or snow.

Cumulus
Cumulus clouds are fluffy, white clouds that grow from the ground. They are composed of water droplets and are often associated with fair weather. They can grow to heights of up to 10,000 feet (3,000 meters).

Cirrostratus

Cirrus

Mid-Level Clouds
The bases of mid-level clouds typically appear between 6,500 to 20,000 feet (2,000 to 6,000 meters). They are made of water droplets and ice crystals.

Altostratus

Altostratus

Low-Level Clouds
With bases generally below 6,500 feet (2,000 meters), low-level clouds are mostly composed of water droplets. However, when temperatures are cold enough, these clouds may also contain ice particles and snow.

Stratocumulus

Nimbostratus

OTHER TYPES OF CLOUDS

Contrails

Orographic

Mammatus

Pileus

TODAY'S WEATHER

U.S. WEATHER MAP



Standards are supported when products are used as shown.

Components for This Bulletin Board Include:

- CD-410015 Clouds Bulletin Board Set **NEW!**
- CD-1220 Clouds Scalloped Border
- CD-5307 Yellow 2" EZ Letters
- CD-2566 Clouds Computer Paper
- CD-1945 Interactive Weather Map Bulletin Board Set