

CLOUD MATCHING GAME

There are four basic cloud categories, Can you identify and match up the right clouds with their information.



CUMMULO CLOUDS

1. _____ comes from the Latin word meaning "rain". These clouds typically form between 7,000 and 15,000 feet and bring steady precipitation. As the clouds thicken and precipitation begins to fall, the bases of the clouds tend to lower toward the ground.



NIMBO CLOUDS

2. _____ are High-level clouds which form above 20,000 feet and are usually composed of ice crystals. These clouds are typically **thin and white in appearance**, but can create an array of colors when the sun is low on the horizon. Generally these clouds occur in fair weather and point in the direction of air movement at their elevation.



STRATUS CLOUDS

3. _____ look like **white fluffy cotton balls and show the vertical motion or thermal uplift of air** taking place in the atmosphere. The level at which condensation and cloud formation begins is indicated by a flat cloud base, and its height will depend upon the humidity of the rising air. The more humid the air, the lower the cloud base. The tops of these clouds can reach over 60,000 feet.



CIRRO CLOUDS

4. _____ comes from the Latin word for "layer" or "blanket." The clouds consist of a feature-less low layer that can cover the entire sky like a blanket, bringing generally gray and dull weather. The cloud bases are usually only a few hundred feet above the ground. Over hills and mountains they can reach ground level when they may be called fog. Also, as fog "lifts" off the ground due to daytime heating, the fog forms a layer of low stratus clouds.