

Finn's Global Weather Guide: Understanding Our Atmosphere

Dive into the atmosphere: Explore the changing skies with Finn the Dolphin!

- Weather describes the short-term state of the atmosphere, including temperature, wind, and precipitation occurring right now in a specific location.
- Climate zones are determined by how much sunlight a region receives; areas near the Equator are generally warmer because sunlight hits them directly.
- The water cycle is a continuous process where water evaporates from oceans, condenses into clouds, and falls back to Earth as precipitation.
- Extreme weather events, such as hurricanes or droughts, are influenced by rising global temperatures and changes in ocean currents.
- Meteorologists use satellites, weather balloons, and ground-based stations to collect data that helps them predict future weather patterns.

Did you know? Did you know? Climate is what you expect, but weather is what you get! While weather changes from hour to hour, the climate is the average pattern of weather in a specific region observed over at least 30 years.

Key vocabulary: Meteorology · Precipitation · Atmosphere · Equator · Temperature · Climate Zone · Humidity · Prevailing Wind