

Finn's Global Weather and Climate Guide

Dive into the atmosphere with Finn the Dolphin and discover what makes our planet tick!

- **Weather describes the short-term state of the atmosphere, including temperature, wind, and precipitation in a specific place at a specific time.**
- **Climate refers to the long-term patterns of weather in a particular area, helping us understand if a region is typically tropical, arid, or temperate.**
- **The Earth is divided into different climate zones, often determined by how close a location is to the Equator; places near the Equator are generally warmer all year round.**
- **Meteorologists use specialised equipment like thermometers, barometers, and satellites to track atmospheric changes and create accurate daily forecasts.**
- **Human activities and natural cycles can both influence long-term climate trends, making the study of our environment vital for the future of the planet.**

Did you know? Did you know? While weather changes in minutes or hours, climate is the average weather pattern of a place over a very long time—usually 30 years or more! Even if it is a rainy day in a hot desert, the desert's climate is still classified as dry.

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