Weather and climate

THE WEATHER

The **weather** is the state of the atmosphere at a particular time and place. The weather often changes. It is determined by **temperature, precipitation and wind.**

- The **temperature** is high when it is hot. It is low when it is cold. We measure it with a **thermometer**.



- **Precipitation** is the amount of water that falls from clouds. **Rain, snow and hail** are different types of precipitation. We measure the amount of water with a **pluviometer**.



- **Wind** is the moving air. **Breezes** are light winds and **gales** are strong winds. **Hurricanes** are extremely strong, destructive winds. We measure the speed of wind with an **anemometer**, and its direction with a **weather vane**.





CLIMATE

Climate is the typical **temperature** and **precipitation** in a place over a long period of time.

- The climate is warmer far from the **Poles**.
- It is usually colder at high **altitudes**.
- The climate is often mild near the **sea**.