

11/2 Weather

weather - the state of the atmosphere (now)
climate - patterns of weather (over time)

Parts of weather -

- temperature
- precipitation
- humidity (amount of water vapor in the air)
- wind
- sky (sun, clouds)

Why weather important?

- need of water (drinking, growing)
- safety
- plan activities (daily)

VIDEO NOTES

meteorology - study of the science of weather
weather - what's happening now in atmosphere
windy - calm
storms - fair
snowy - rainy
clear - cloudy
dry - wet
warm - cold
H - L
High humidity - low humidity

6 components of weather

- 1) temperature
- 2) wind
- 3) barometric ~~pressure~~
- 4) relative humidity
- 5) cloud cover
- 6) precipitation

3 ways to observe weather

- 1) satellite
- 2) weather balloons (with tools)
- 3) surface weather station

National Weather Service
- government agency

Sources of Weather - uneven heating of sun's energy.

Diff. heating affects weather

Weather forecasting

- further into time = less accuracy
- systems moving constantly
- time + space

