

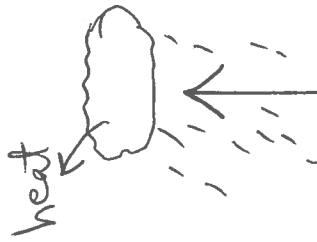
Basic Meteorology

Atmosphere

Cold

Low Pressure

rising air
clouds, precipitation



- Condensation of water vapor + heat release in colder air $\rightarrow$ liquid water
- as air cools the colder air cannot hold as much water as a vapor as warm air $\rightarrow$ condensation

rising air
and water
vapor

Warm

Ocean &
Surface

High Pressure

Sinking air
clear skies

- movement of a from cold upper atmosphere to warmer lower atmosphere.
- warm air holds more water as a vapor than cold air.
- condensation does not occur resulting in clear, blue skies, no cloud formation

