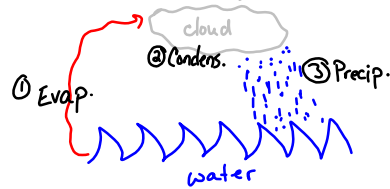


Weather

Tools: anemometer wind Speed
Barometer Press. → Iso Bars
psychrometer Humidity
 • Drop in Press. is BEST clue to weather

Water Cycle



2. Condensation → makes clouds
 Needs 3 things

- (help of particles)*
- a) Humidity (water vapor)
 - b) Cool temps
 - c) Particles

Types of Clouds

1. Cirrus → wispy
2. Cumulus → heaping
3. Stratus → flat, covers sky
4. Cumulonimbus → severe weather

3. Precipitation

Types: Rain → Liquid
 sleet → Liquid freezes to solid before ground
 snow → Gas → Solid (No liquid)
 hail → Repeated freezing

* NO Rain = Drought (effects Indiana)

Air Masses T = Warm C = Dry
 P = Cold M = wet

<u>Tropical Maritime</u> Warm (Low) Wet ↓ Gulf of Mexico	<u>Tropical Continental</u> Warm (Low) Dry	<u>Polar Maritime</u> Cold (High) Wet	<u>Polar Continental</u> Cold (High) Dry ↓ Canada
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These interact to make Fronts

- a. Warm (Warm air moves Over Cold)
- b. Cold (Cold air pushes Warm ↑)
- c. Stationary (Doesn't move)
- d. occluded (2 cold squeeze warm)

→ Makes Storms: Winter, Thunder, Hurricane, Tornado
 - cyclones (all counter-clockwise)