

Review

- Describe the air temperature and humidity in a cA air mass.
- Describe the air temperature and humidity in a mT air mass.
- Which air mass (cA or mT) is associated with lower pressure air?



Review

- Q:** Describe the air temperature and humidity in a cA air mass.
- A:** Very Cold, Dry
- Q:** Describe the air temperature and humidity in a mT air mass.
- A:** Hot, Moist
- Which air mass (cA or mT) is associated with lower pressure air?
- A:** Hot, Moist Air = Low Pressure



Fronts

- **Front** - the boundary that separates two different air masses.
 - Represent differences in temperature and/or humidity.



Fronts

- There are four types of fronts.

1) Cold Front



2) Warm Front



3) Stationary Front

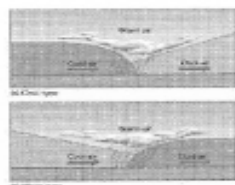


4) Occluded Front



Occluded Front

- **Occluded Front** - forms when a cold front catches up to a warm front.
 - Warm air is forced to rise above cooler air below.



- Q:** What happens when air rises?

Occluded Front

- **Frontal Wedging** - the formation of clouds at frontal boundaries.
 - Warm is forced to rise, expands, and cools.

