**Hurricanes:**

* Get their energy from the sun (*warm water)*
* Must form over water
* Need a lot of water vapor
* Destructive
* Loop Current

**Tornadoes**

* Form over land
* Occur with convection currents (unstable air)
* Smaller than hurricanes
* Tornado Alley

**Air Masses**

* Take on temperature/humidity from ground/water beneath them
* Will be the same temperature and humidity throughout
* We have 4 kinds Global Air Masses ( maritime, continental, polar, and tropical)
* A warm air front is when air will be more unstable
* After a cold front moves through is when weather is good

**Thunderstorms**

* When does lightning occur? Look at Tracking the Hurricane
* How does lightning happen? Look at Tracking the Hurricane
* Convection currents create thunderstorms
* Flash floods, *a lot of rain in a short amount of time*