

# What is Severe Weather?

- Severe weather is weather that can cause property damage and death.



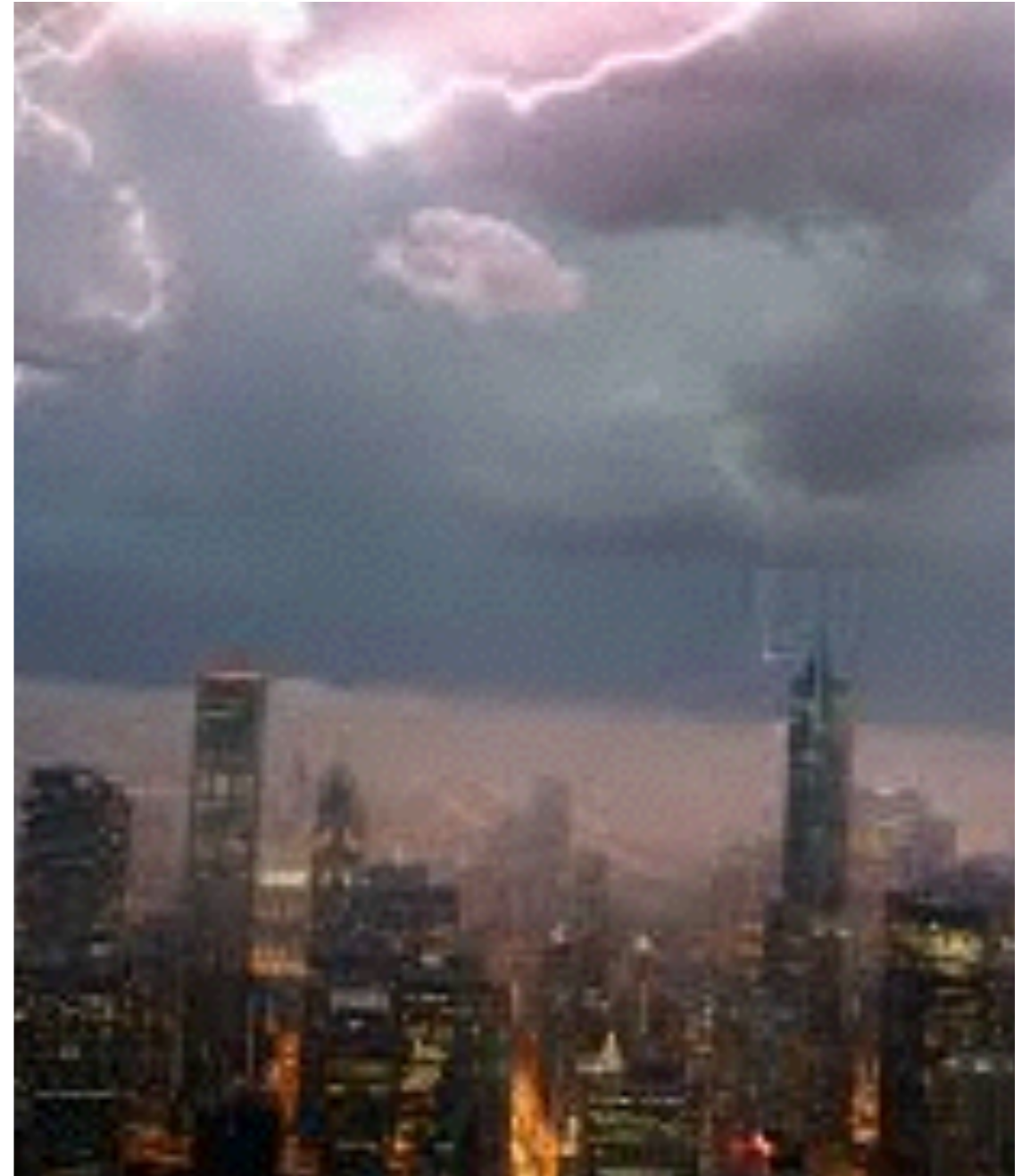
# What are Thunderstorms ?

- Small intense weather systems that produce strong winds, heavy rain, lightning, and thunder.



# What is Lightning?

- Lightning is a large electrical discharge that occurs between two oppositely charged surfaces.





# What are Severe Thunderstorms?

- Severe thunderstorms produce one or more of the following conditions- high winds, hail, flash floods, and tornadoes.



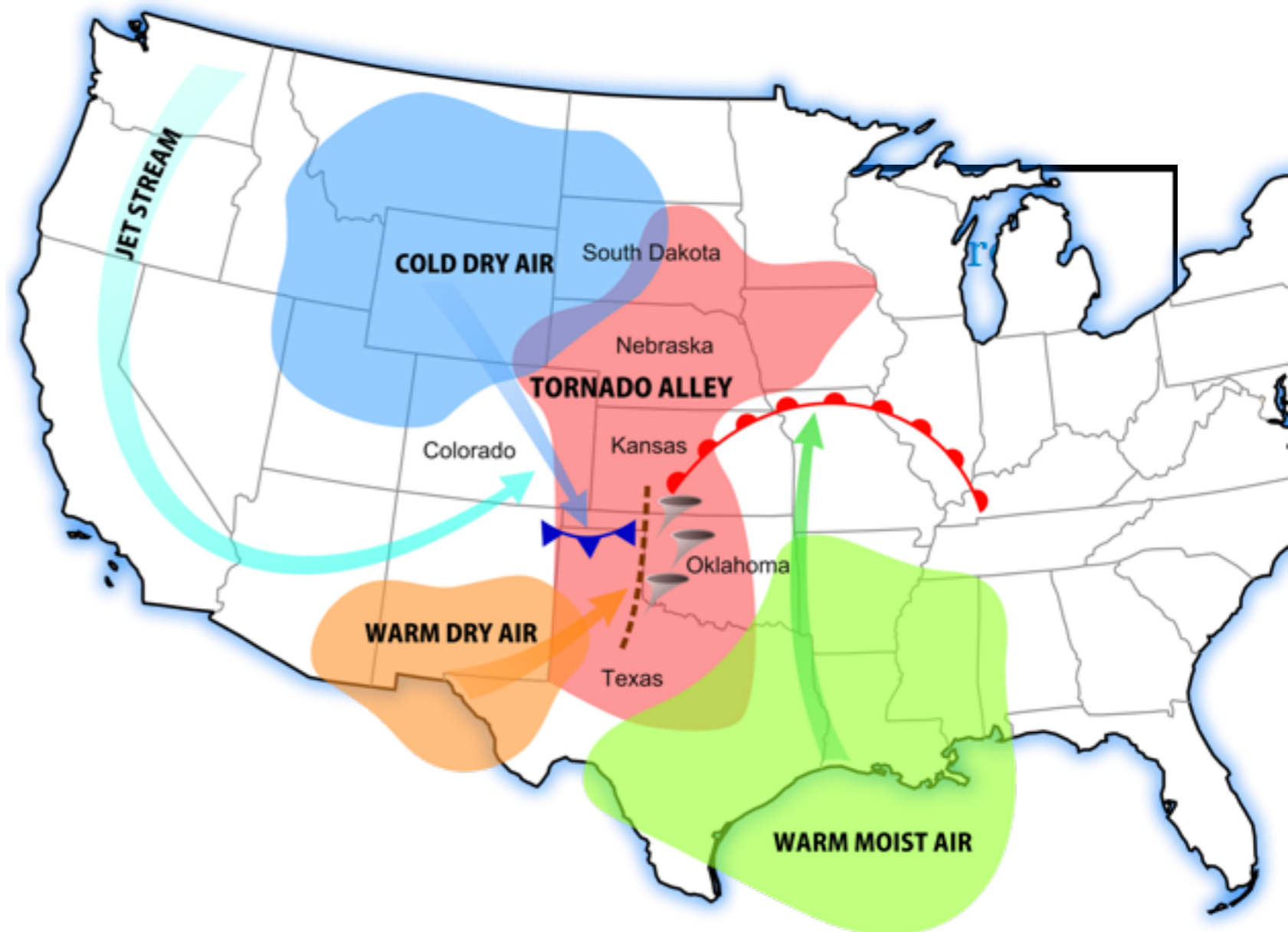
# What are Tornadoes?

- A small, rotating column of air that has high wind speeds and low central pressure and that touches the ground.



# Twists of Terror!

- 75 % of tornadoes happen in the United States, Large tornadoes can have wind speeds of 500 km/h





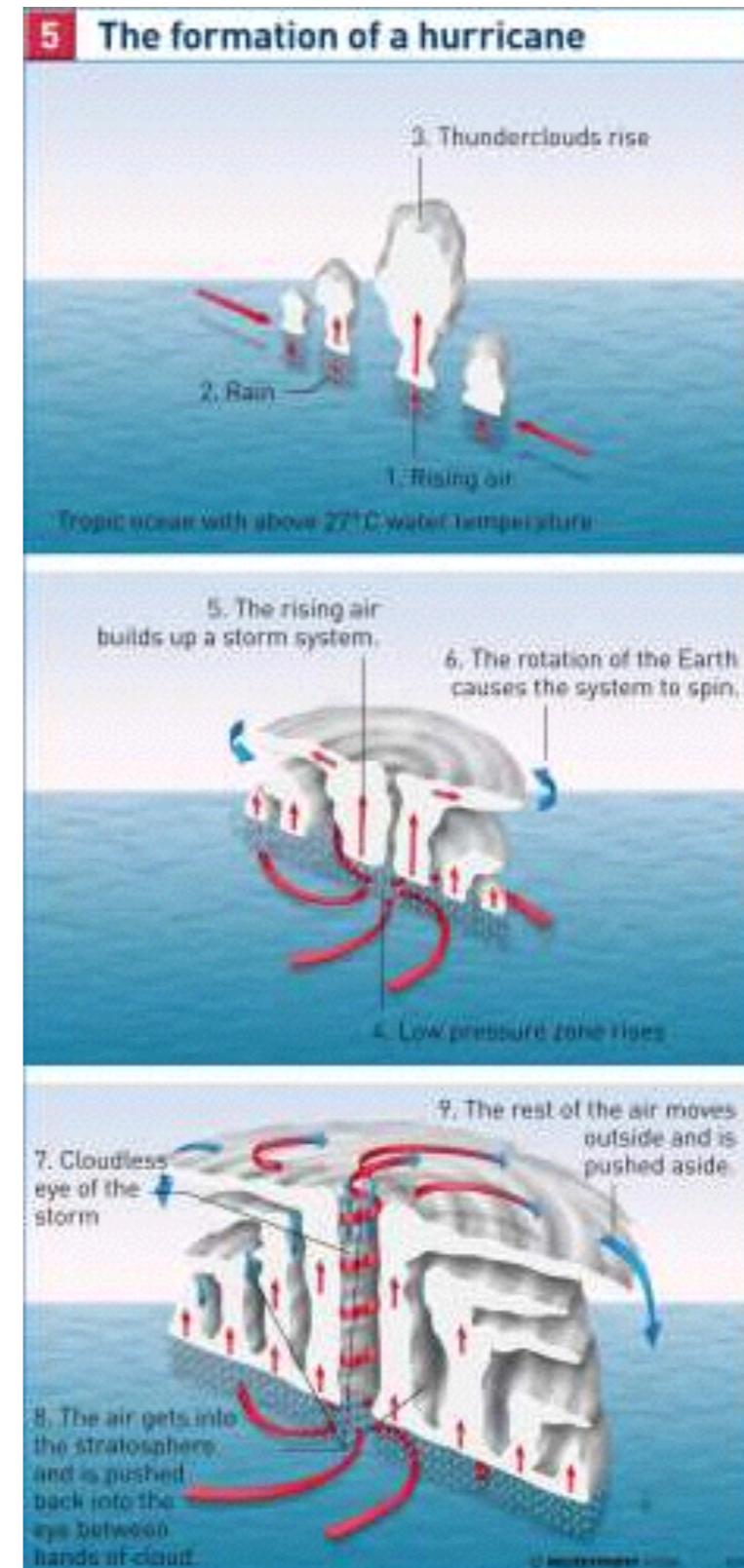
# What are Hurricanes?

- A large Rotating, tropical weather system with wind speeds of at least 119km/h also called typhoons and cyclones.



# How do Hurricanes Form?

- Hurricanes begin as a group of thunderstorms moving over tropical ocean waters. They get their energy from the condensation of water vapor. As water vapor condenses, releasing large amounts of energy. The hurricane continues to grow as long as it is over its source of warm moist air.





# What kind of damage do Hurricanes cause

- Speed of wind ranges from 120 km/h to 150 km/h. They can reach speeds of 300 km/h. Storm surges are a wall of water that builds up over the ocean and causes flooding.

