

TORNADOES

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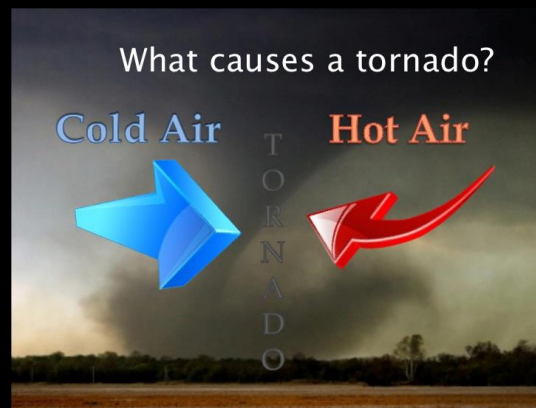
WHAT IS IT

- What is a Tornado? A Tornado or Twister is a destructive and dangerous vortex of violently rotating wind that can go 40 mph and some times if its rated F6 than it can go 319 mph.



WHAT CAUSES IT

- What causes Tornadoes? Tornadoes are caused when cold and hot air mix and cause a tornado. Wind shear present in the lower atmosphere. Instability refers to unusually warm and humid conditions in the lower atmosphere, and possibly cooler than usual conditions in the upper atmosphere.



PREDICTION TOOLS

- How do you predict a tornado? There are some tools to predict tornadoes. One of them is a Tornado Siren. A Tornado Siren is a high pitched noise that warns you when a tornado is about to come.



EFFECTS

- What are some effects of tornadoes. First, tornadoes can destroy people's homes, animal's habitats, kill people, and sometimes kill animals. Some other effects are heavy rain and strong winds.



WHERE DOES IT OCCUR

- Tornadoes mostly happen in the Tornado Alley. The Tornado Alley is located mostly in Oklahoma, Texas, Kansas, and Mississippi. Tornadoes mostly happen during the spring.



PREPARING

- How can you prepare for a tornado. First discuss a plan to your family and then practice your plan with your family. Also make sure everyone knows where to go. Second prepare food, water, batteries, flashlights, and first aid kits. Last block up all windows and doors in your house.



HOW IS STRENGTH MEASURED

- How is the strength of a tornado measured. A tornado's strength is measured by a Fujita-Pearson Tornado Scale. According to the National Weather Service, F6 is the highest category of tornado, with winds capable of 261-318 mph.

Fujita Scale	
F-0	40-72 mph winds
F-1	73-112 mph
F-2	113-157 mph
F-3	158-206 mph
F-4	207-260 mph
F-5	261-318 mph