
TORNADOES

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How does a tornando form?

A tornado forms with winds. Most tornadoes form from thunderstorms. It is violent rotating of winds and strong winds picking things up.

What conditions are needed for it to form?

You need warm, moist air, and cool dry air. When they meet, they create instability in the atmosphere. usually, you also need a thunderstorm for the winds to start picking up, and eventually, the storm will start to get worse.

WHEN AND WHERE DOES THIS WEATHER EVENT MOST FREQUENTLY OCCUR?

TORNADOES MOST FREQUENTLY
OCCUR IN THE U.S. DURING JUNE
OR JULY.

IS THERE A SCALE USED TO MEASURE THE INTENSITY OF YOUR WEATHER EVENT?

Tornadoes can be measured by in situ or remote sensing measurements. The Fujita scale and the Enhanced Fujita scale rate tornadoes by the damage caused.

HOW IS YOUR WEATHER EVENT NAMED OR CLASSIFIED?

Tornadoes are classified using the F- scale. They get named based on the damage they made and how high the wind speed were.

WHAT TECHNOLOGY IS USED TO MONITOR YOUR WEATHER EVENT?

Phased array technology can scan a whole storm in less than a minute, letting forecasters to see signs of developing tornadoes well in front of current radar technology. NSSL uses a mobile Doppler radar to position close to tornadic storms to scan the whole lifecycle of a tornado.

WHAT ARE SOME FAMOUS EXAMPLES OF YOUR SEVERE WEATHER HAZARD?

1. The "Tri-State Tornado" killed 695 people and injured 2,027, traveling more than 300 miles through Missouri, Illinois and Indiana on March 18, 1925. It was rated an F5 at the top of the old Fujita scale (with winds of 260-plus mph).
2. The "Natchez Tornado" killed 317 people and injured 109 on May 6, 1840, along the Mississippi River in Louisiana and Mississippi. The official death toll may not have included slaves, according to the Federal Emergency Management Agency.

HOW DOES ONE PREPARE FOR YOUR WEATHER HAZARD?

SOMEONE CAN PREPARE FOR A TORNADO, BY MAKING A SAFETY BOX. THEY CAN HAVE A PLAN FOR IF SOMETHING HAPPENS AND THEY CAN STAY SAFE. YOU NEED TO HAVE A FLASHLIGHT, AND EXTRA BATTERIES SO THAT YOU HAVE LIGHT. THERE ARE MANY OTHER THINGS YOU CAN DO, BUT IT IS MOST IMPORTANT TO JUST KNOW WHAT IS HAPPENING AND TO STAY SAFE.

WHAT SHOULD SOMEONE DO IF THEY ARE CAUGHT IN THE STORM?

IF YOU ARE STUCK IN A TORNADO, THE MOST IMPORTANT THING IS NOT TO PANIC. YOU NEED TO STAY CALM AND MAKE SURE THAT YOU HAVE EVERYTHING YOU NEED. GET AWAY FROM CARS AND TREES, AND TRY TO FIND SHELTER.

**What effects should someone
expect from this type of
storm?**

**AFTER A TORNADO,
THERE WILL BE A LOT OF
DESTRUCTION, AND
THERE WILL BE A LOT OF
PEOPLE INJURED. A LOT
OF POPLE WILL BE
WITHOUT HOMES AND
THEY WILL HAVE A LOT
OF THINGS TO REPLACE.**

Citations

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