

How Are Tornadoes Formed



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Tornadoes What is a tornado? A tornado is a violent rotating column of air extending from a thunderstorm to the ground. The most violent tornadoes are capable of tremendous destruction with wind speeds of up to 300 mph.

Tornadoes - WeatherWizKids

Tornadoes are the most violent storms in nature. An average of 800 tornadoes are reported each year, resulting in 80 deaths and 1,500 injuries.

Tornado Facts: Causes, Formation & Seeking Shelter

Tornado Characteristics Time of day during which tornadoes are most likely to occur is mid-afternoon, generally 3-7 P.M. , but they have occurred at all times of day. Direction of movement is usually from southwest to northeast. (Note: Tornadoes associated with hurricanes may move from an easterly direction.)

Tornadoes - average, low, world, high, days, What is a ...

Tornadogenesis is the process by which a tornado forms. There are many types of tornadoes and these vary in methods of formation. Despite ongoing scientific study and high-profile research projects such as VORTEX, tornadogenesis is a volatile process and the intricacies of many of the mechanisms of tornado formation are still poorly understood.. A tornado is a violently rotating column of air ...

Tornadogenesis - Wikipedia

The year began with an unusual number of tornadoes during January 2012. The first major tornado outbreak occurred on January 22-23, when a spring-like system moved across the southern Mississippi valley, producing at least two dozen confirmed tornadoes across Arkansas, Kentucky, Mississippi, Tennessee, and Alabama.As a whole, January was the third most active on record, behind 1999 and 2008.

Tornadoes of 2012 - Wikipedia

April 9, 1999 F4 Fatalities - 5 Location: Southern Ripley County, IN to Clinton County, OH First Touchdown, Rexville, IN - F1 Touchdown or downburst damage - Southern Dearborn County, IN - F1

Cincinnati Area Tornadoes - 1999 Blue Ash, Sycamore Twp ...

Step into the wild world of weather! What is a wall cloud? What's the difference between a watch and a warning? Is it ever "too cold to snow"? Learn all about thunderstorms, tornadoes, hail, lightning, floods, damaging winds and severe winter weather.

Severe Weather 101 - NOAA National Severe Storms Laboratory

This climatology provides a historical perspective of tornado activity across the U.S. and can be used for comparison to recent tornadoes

U.S. Tornado Climatology | National Centers for ...

1 How a tornado is formed Although no two tornadoes are the same, they need certain conditions to form - particularly intense or unseasonable heat.

How a tornado is formed - BBC

In the late afternoon of May 22, 2011, an EF5 multiple-vortex tornado struck Joplin, Mo. Reaching a maximum width of over one mile and with winds peaking at 250 mph, the tornado destroyed or damaged virtually everything in a six-mile path.

Tornado Myths - StormAware

Warm, moist air, usually from the south, is lifted by a warm or cold front, causing an updraft. The moisture condenses into clouds and precipitation and forms a thunderstorm. The rotating tube is ...

How a Tornado Forms in 4 Steps - Popular Mechanics

Tornadoes, it turns out, are about as American as apple pie. The United States is home to the majority of all the tornadoes that touch down around the world every year. Most of these twisters are ...

8 Facts About the Biggest Tornadoes on Earth | Mental Floss

Xenia Tornado, April 4, 1974 Photos. Waynesville, Ohio USA. On April 3, 1974 at 4:20 pm, my wife Terry and I were taking Rob, our son, around on his paper route in Waynesville, Ohio, along with my daughter Shari, our oldest son Don and Larry Smith, when I heard on a fire radio that a tornado had touched down in southern Montgomery Co.

Xenia Tornado

Weather Wiz Kids is a fun and safe website for kids about all the weather info they need to know. It contains tools for weather education, including weather games, activities, experiments, photos, a glossary and educational teaching materials for the classroom.

Weather Wiz Kids weather information for kids

The following is a representative list of the most important tornadoes in each state. The criteria for the "worst" in each state is different for each state.

The United State's Worst Tornadoes - tornadoproject.com

A waterspout off Rugen Island, Baltic Sea, 1937. Waterspouts are (simplistically) tornadoes at sea, or on rivers and lakes. They have usually been regarded as curiosities of nature, because, unlike tornadoes, they do not often inconvenience the human race.

The Gallery of Natural Phenomena

Chromospheric swirls are seen as narrow rotating rings (or ring fragments) in the core of the singly ionized calcium (Ca ii) 854.2-nm absorption line that is formed in the chromosphere (Fig. 1b-d).

Magnetic tornadoes as energy channels into the solar ...

No two tornadoes are the same, but they all need certain conditions to form - in particular intense or unseasonable heat. As the ground temperature increases, moist air heats and starts to rise.

Science & Environment | Animated guide: Tornadoes - BBC

SAN FRANCISCO --Tornadoes touched down during storms in Northern California, including one twister near Sacramento that damaged a dozen homes and left a path of debris about 300 yards long.

Rare tornadoes touch down in Northern California - CBS News

Without a doubt, tornadoes are among the most destructive natural disasters on the planet. Even Hollywood is hard-pressed to come up with anything as devastating as a tornado; the movie monster Godzilla can only breathe fire for so far, and Hollywood must look to the stars for comets and asteroids to top the power of a tornado.

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