

How Many Ef5 Tornadoes Have There Been

On June 12, 1899, the Gollmar Brothers Circus drew hundreds of visitors to New Richmond, Wisconsin, a town with around 2,000 residents. At around 3:00 PM, clouds began to build, and the sky darkened. As the circus ended for the day at around 4:30 PM, a heavy rain with some hail began to fall. The rain let up at around 5:00 PM and people began to head home for the day. By 6:00 PM, the streets of New... f358948059 The tornado caused catastrophic... f358948059 == Geographical area == f358948059

Fargo tornado The tornado family first developed in North Dakota and traveled 27. an EF5 tornado struck the town of Enderlin, North Dakota. List of North American tornadoes and tornado outbreaks List of F5, EF5, and IF5 tornadoes Path During the late afternoon and evening hours of June 20, 1957, a long-lived and deadly F5 tornado, commonly known as the Fargo tornado, struck the north side of Fargo, North Dakota, as well as the area north of Moorhead, Minnesota. 4 miles (44. 4 miles (84. It was part of a family of five devastating tornadoes produced by the same supercell thunderstorm over the course of 3. 5 hours, although in National Weather Service records they are listed as one continuous tornado. Additionally, at its widest point, the damage swath reached 500 yards (460 m) across. 3 km), with the F5 Fargo tornado itself travelling a track length of approximately 9 miles (14 km). 1 km) to the Minnesota border before crossing it and continuing for another 25 miles (40 km), for a total track length of 52 f358948059

Tornado records The most "extreme" tornado in recorded history was the Tri-State tornado, which spread through parts of Missouri, Illinois, and Indiana on March 18, 1925. The widest tornado recorded was the 2013 El Reno tornado, having a width of 2. The most extensive tornado outbreak on record was the 2011 Super Outbreak, which resulted in 367 tornadoes and 324 tornadic fatalities, whereas the 1974 Super Outbreak was the most intense tornado outbreak on tornado expert Thomas P. 6 miles (4. It was likely an F5 on the Fujita Scale (tornadoes were not rated at the time) and holds records for longest path length at 219 miles (352 km) and longest duration at about 3+1/2 hours. myths List of F5, EF5, and IF5 tornadoes List of F4, EF4, and IF4 tornadoes List of tornadoes and tornado outbreaks List of tornado outbreaks by outbreak This article lists various tornado records. 2 km), and killing. In the history of Bangladesh, at least 24 tornadoes killed more than 100 people each, almost half of the total for the world. The 2014 Pilger, Nebraska tornado had the highest forward speed ever recorded in a violent tornado, at 94 mph (151 km/h). The deadliest tornado in world history was the Daulatpur–Saturia tornado in Bangladesh on April 26, 1989, which killed approximately 1,300 people. Grazulis's outbreak intensity score with 578, as opposed to the 2011 outbreak's 378 f358948059

Most tornadoes in the United States occur east of the Rocky Mountains. The Great Plains, the Midwest, the Mississippi Valley and the southern United States are all areas that are vulnerable to tornadoes. They are relatively rare west of the Rockies and are also less frequent in the northeastern states. Tornado Alley is a colloquial term for an area particularly prone to tornadoes. There is no officially defined 'Tornado Alley' - at its broadest this area stretches from northern Texas to Canada with its core centered on Oklahoma, Kansas and northern Texas. Another highly significant region - colloquially known as Dixie Alley - is the southern United States and particularly the northern and central parts of Alabama and Mississippi. Florida is one of the most tornado-prone states. However, Florida tornadoes only rarely approach the strength of those that occur elsewhere. f358948059

EF5 drought 3% chance of running for as long as it did. The drought began following the 2013 Moore tornado, occurring on May 20, 2013. The drought began following the 2013 Moore tornado, occurring on May 20, 2013. of tornadoes rated F5 or EF5 in recorded history. The drought ended on June 20, 2025, with the 2025 Enderlin tornado; it had spanned 4,414 days. This period, which has been dubbed the EF5 drought or EF5 gap by some media outlets, was the longest drought of tornadoes rated F5 or EF5 in recorded history. Several tornadoes since From 2013 to 2025, the United States experienced a record lack of tornadoes rated EF5 on the Enhanced Fujita Scale by the National Weather Service. Several tornadoes since then had subsequently been rated as high-end EF4 tornadoes, with many of these ratings attracting significant controversy, with notable examples being the 2014 Mayflower–Vilonia tornado, the 2015 Rochelle–Fairdale tornado, the 2021 Western Kentucky tornado, and the 2023 Rolling Fork–Silver City tornado. According to a study in January 2025, the drought had a 0 f358948059

The tornado touched down just northwest of Newcastle at 2:56 p.m. CDT (19:56 UTC), and quickly became violent, persisting for 39 minutes on a 13.85-mile (22.3 km) path through a heavily populated section of Moore, causing catastrophic damage of EF4 to EF5 intensity, before dissipating at 3:35 p.m. CDT (20:35 UTC) outside of Moore. The tornado was over one mile (1.6 km) across at its peak width. The 2013 Moore tornado followed a roughly similar track to the deadlier 1999 Bridge Creek–Moore tornado, which was rated F5; neither of the stricken schools in the area had acquired purpose-built storm shelters in the intervening years. f358948059

Greensburg tornado 3 km) through the area, killing 10 to 13 people and injuring 63. List of F5, EF5, and IF5 tornadoes 2025 Enderlin tornado - another nighttime EF5 tornado In the evening hours of Friday, May 4, 2007, amid a severe weather outbreak across the central United States, a massive and violent tornado moved through Kiowa County in southwest Kansas, before impacting the city of Greensburg and causing very widespread devastation. The tornado, known as the Greensburg tornado, tracked 28. 8 miles (46. The tornado was the first to be rated EF5 on the Enhanced Fujita scale after the retirement of the original Fujita scale in the United States on February 1, 2007. tornado as "stirring up painful memories" of the 2007 event f358948059

The tornado touched down south of Greensburg at around 9:03 p.m. CDT, moving to the north while continuing to widen. It eventually entered Kiowa County, crossing U.S. Route 183, before reaching a peak width of 1.7 miles (2.7 km) to the south of Greensburg, entering the city after making a northwest turn. The tornado dissipated northwest of Greensburg after being on the ground for just over an hour. f358948059 Although... f358948059 Tornadoes vary in intensity regardless of shape, size, and location, though strong tornadoes are typically larger than weak tornadoes. The association with track length and... f358948059 A total of 12 people were killed, making it the deadliest tornado in North Dakota history; 103 others were injured, and damage was estimated at \$25.25 million (equivalent to \$289,000,000 in 2025). It was part of a larger outbreak sequence of 23 tornadoes that affected the Midwest and Great Plains. The Fargo tornado was the most recent tornado in North... f358948059

Tornado intensity Doppler radar data, photogrammetry, and ground swirl patterns (cycloidal marks) may also be analyzed to determine the intensity and assign a rating. In contrast to other major storms such as hurricanes and typhoons, such classifications are only assigned retroactively. Wind speed alone is not enough to determine the intensity of a tornado. by EF5 tornadoes represents a disproportionate hazard to life and limb; since 1950 in the United States, only 60 tornadoes (0. An EF0 tornado may damage trees and peel some shingles off roofs, while an

EF5 tornado can rip well-anchored homes off their foundations, leaving them bare— even deforming large skyscrapers. Intensity can be measured by in situ or remote sensing measurements, but since these are impractical for wide-scale use, intensity is usually inferred by proxies, such as damage. 1% of all reports) have been Tornado intensity is the measure of wind speeds and potential risk produced by a tornado. The Fujita scale, Enhanced Fujita scale, and the International Fujita scale rate tornadoes by the damage caused. The similar TORRO scale ranges from a T0 for extremely weak tornadoes to T11 for the most powerful known tornadoes f358948059

Joplin tornado 6 km) as it tracked through the southern part of the city, before later impacting rural Jasper and Newton counties and dissipating after 38 minutes on the ground at 6:12 p. tornado outbreaks List of F5, EF5, and IF5 tornadoes List of deadliest tornadoes in the Americas Tornado intensity Tornado records Per the associated reference The Joplin tornado was an extremely devastating EF5 tornado that struck the city of Joplin, Missouri during the early evening hours of May 22, 2011, causing catastrophic damage to Joplin and surrounding regions. m. 62 miles (34. As part of a larger late-May sequence of tornadic activity, the extremely violent tornado began just west of Joplin at about 5:34 p. The tornado was on the ground for a total of 21. CDT (UTC-05:00) and quickly reached a peak width of nearly 1 mile (1. 79 km). m f358948059

1899 New Richmond tornado have also both been classified as F4 tornadoes. As of 2019, it is ranked as the ninth deadliest tornado in United States history, as well as the deadliest tornado ever recorded in Wisconsin. Over half of New Richmond was left in ruins due to the tornado, which also caused minor damage to surrounding communities. Croix, Polk, and Barron counties in west-central Wisconsin. There were a total of 117 fatalities and 150 injuries, with hundreds more reported as displaced. ; Christianson, Peter (July 1899). F. List of F5 and EF5 tornadoes Groat, B. "The Force of a Tornado" The 1899 New Richmond tornado was an estimated F5 tornado that formed in the early evening of Monday, June 12, 1899, leaving a 45-mile-long (72 km) path of destruction through St. The damage was reported to be over \$300,000 (USD) (\$11,610,000 in 2025). The worst devastation occurred in the city of New Richmond, which took a direct hit from the storm f358948059

Tornadoes in the United States Violent tornadoes—those rated EF4 or EF5 on the Enhanced Fujita Scale—occur more often in the United States than in any other country. The United States receives more than 1,200 tornadoes annually—four times the amount seen in Europe. Most tornadoes in the Tornadoes are more common in the United States than in any other country or state. Violent tornadoes—those rated EF4 or EF5 on the Enhanced Fujita Scale—occur more often in the United States than in any other country f358948059

Tornado Alley Tornado Alley. In some Tornado Alley, also known as Tornado Valley, is a loosely defined location of the central United States where tornadoes are most frequent. The term was first used in 1952 as the title of a research project to study severe weather in portions of Texas, Louisiana, Oklahoma, Kansas, South Dakota, Iowa and Nebraska. northernmost border of the U. Tornado climatologists distinguish peaks in activity in certain areas, and storm chasers have long recognized the Great Plains tornado belt. Tornadoes up to EF5 in strength, such as 2007 Elie tornado have been documented in this region. S f358948059

== Background == f358948059

2013 Moore tornado probability of two or more tornadoes and a 20% (or "low") probability of one or more tornadoes reaching between EF2 and EF5 intensity within the watch The 2013 Moore tornado was a large and extremely violent EF5 tornado that ravaged Moore, Oklahoma, and adjacent areas on the afternoon of May 20, 2013, with peak winds estimated at 200-210 mph (320-340 km/h), killing 24 people (plus two indirect fatalities) and injuring 212 others. The tornado was part of a larger outbreak from a slow-moving weather system that had produced several other tornadoes across the Great Plains over the previous two days, including five that had struck portions of Central Oklahoma the day prior on May 19 f358948059

The tornado devastated a large portion of the city of Joplin, damaging nearly 8,000 buildings and destroying over 4,000 houses. The damage—which included major facilities like one of Joplin's two hospitals as well as much of its basic infrastructure—amounted to a total of \$2.8 billion (equivalent to about \$4 billion today), making the Joplin tornado the costliest single tornado in U.S. history. The insurance payout was the highest in Missouri history, breaking the previous \$2 billion record from the hailstorm of April 10, 2001. The tornado... f358948059 == Event description == f358948059 The term is colloquial; there are no definitively set boundaries of Tornado Alley. The area common to most definitions extends from Arkansas, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, South Dakota, Texas, Wisconsin, and eastern portions of Colorado, New Mexico and Wyoming. Research suggests that the main alley may be shifting eastward away from the Great Plains. Tornadoes are also becoming more frequent in the northern and eastern parts of Tornado Alley, reaching the Canadian Prairies, Ohio, Michigan, and Southern Ontario. f358948059 Ninety-five percent of the city was damaged or destroyed, with some form of damage to 662 structures, and monetary losses of \$250 million (2007 USD). Kiowa County, in which Greensburg is located, was declared a federal disaster area... f358948059

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