



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Mclean County

.5 NW Calhoun to .5 NE Calhoun	23	2227CST 2230CST	1.8	500	0	0	1M	Tornado (F2)
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Top wind speeds in this F-2 tornado were estimated near 120 MPH. The damage path extended from the extreme northwest side of Calhoun to the extreme northeast side of town. A total of about 53 buildings were damaged or destroyed, of which 43 were homes and 10 were businesses. At least one home and one business was destroyed, 5 houses received major damage, and 4 businesses including a church and daycare center received major damage. The business that was destroyed was a TV antenna/satellite service on Kentucky Highway 81 at the northern city limit of Calhoun. Most of the remainder of the structures received minor damage. In addition to the damaged homes and businesses, barns, grain bins, and at least one shed were destroyed. At the city-owned cemetery, 300 to 350 tombstones were overturned, and 50 trees were uprooted.



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April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ILLINOIS, South

Jefferson County

1.5 NE Bluford to
3 NE Bluford

21	1449CST 1451CST	1.5	100	0	0	2K	Tornado (F1)
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The tornado formed about one-half mile north of Illinois Route 15, just west of the Wayne/Jefferson County line, and moved quickly into Wayne County.

Wayne County

6 W Wayne City to
Ellery

21	1451CST 1530CST	30	500	1	42	4M	Tornado (F3)
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The tornado entered Wayne County about a half mile north of Illinois Route 15, then proceeded to move northeast to a point about 1.5 miles north of Wayne City. The tornado then paralleled Route 15 just north of Sims. The tornado continued moving east toward Fairfield, and passed through the southern part of Fairfield with F-3 intensity winds. The tornado then travelled slightly south of east toward Golden Gate. The tornado weakened east of Golden Gate and finally dissipated in extreme eastern Wayne County near Ellery. The sole fatality occurred 4 miles west of Wayne City, when a 47-year-old man was killed inside his mobile home. Of the 42 hospital-treated injuries, 13 were critical. A total of 35 homes were destroyed, and 16 received major damage. The average wind speed in the tornado was 130 to 170 MPH, with peak winds at or approaching 200 MPH. The F-3 damage was located near Sims, southern sections of Fairfield, near Merriam, and areas west and north of Wayne City. Vehicles were picked up and deposited in houses. Well-constructed houses lost roofs and some walls. Weaker structures, including a tavern near Sims, were demolished. M47MH

Gallatin County

Equality

24	1613CST	0.1	20	0	0		Tornado (F0)
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The tornado briefly touched down in open country and produced no known damage.

Saline County

1 W Galatia to
6.5 E Galatia

28	0007CST 0016CST	7.5	200	0	3	3.5M	Tornado (F2)
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The tornado struck Galatia directly, damaging about 55 structures and destroying several. Peak winds were estimated between 120 and 130 MPH. The roof of a car wash was blown off, and then the walls collapsed on a police cruiser that was sheltered there. A coal mine sustained a quarter million dollars in damage. Two persons were injured in an overturned trailer. Two brick homes lost their roofs and some walls.



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ILLINOIS, South

Union County

9 W Dongola to 7 E Dongola	28	0018CST 0035CST	16	400	1	8	5M		Tornado (F3)
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The tornado first touched down in very hilly terrain in the Shawnee National Forest and then tracked east, crossing Route 127 just north of Mill Creek. The tornado then directly struck the community of Dongola, where most of the damage and casualties occurred. A 69-year-old woman was killed as she was attempting to flee her mobile home. The woman had just gotten into her car, started the engine, and turned the lights on when the tornado struck. She was blown away from the car and found dead under a structure across the road from where the vehicle was parked and still running. Elsewhere in the Dongola area, a train was blown off the tracks. Several wood houses were demolished, and seven double-wide trailers were destroyed. Approximately 75 homes were damaged. A recreational vehicle was tossed across Lake Dongola and impaled into the ground. F69NE

Johnson County

1.5 W Cypress to 1.5 E Cypress	28	0035CST 0038CST	3	400	0	2	3M		Tornado (F2)
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The tornado entered Johnson County near Cypress and was on the ground for only a few miles in Johnson County. Cypress was impacted directly, where about 50 structures were damaged, including a school. The school lost portions of upper story walls and the roof. Two trailers were destroyed.

Johnson County

3 S Vienna to Ganntown	28	0046CST 0052CST	7	400	0	2	100K		Tornado (F2)
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This tornado was produced by the same supercell thunderstorm that spawned a long-track tornado over southern Union and southwest Johnson Counties. This tornado touched down along U.S. Highway 45, about 3 miles south of Vienna. The tornado moved east across Interstate 24, and then dissipated about 1.5 miles east of the interstate near Ganttown. Two persons were injured when their mobile home was demolished. Two other mobile homes were extensively damaged. Numerous trees were down.

Pope County

3 SW Dixon Spgs to 1.5 NNE Golconda	28	0059CST 0110CST	12	200	0	1	400K		Tornado (F3)
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The tornado touched down near Dixon Springs and tracked east, parallel and very close to Illinois Route 146. The path was through rural farm country and the Shawnee National Forest. A couple of farm buildings were damaged near the beginning of the track. Where the tornado crossed Route 146, a mobile home was destroyed, injuring one person. On the north side of Golconda, one brick home was destroyed and a couple of nearby homes were damaged. The tornado then crossed the Ohio River into Kentucky.

INDIANA, Southwest

Posey County

5 W Mt Vernon to 4.9 W Mt Vernon	24	1716CST	0.1	30	0	0			Tornado (F0)
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A trained spotter observed a brief tornado touchdown over open country, with no damage.

KENTUCKY, Southwest

Livingston County

5 WNW Joy to 5 E Joy	28	0110CST 0120CST	10	200	0	0	40K		Tornado (F2)
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This tornado crossed the Ohio River just upriver from Golconda, Illinois. It tracked eastward across northern Livingston County, over rural wooded and farm country. Many thousands of trees were blown down. Few structures were in the path of the tornado. A



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KENTUCKY, Southwest

mobile home was destroyed, and at least a couple of farm buildings were damaged

Crittenden County

**1 NW Sheridan to
1 NE Sheridan**

28	0135CST 0137CST	2	100	0	0	20K		Tornado (F1)
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This relatively weak, short-lived tornado was spawned by the same supercell thunderstorm that produced longer and more destructive tornadoes over Livingston County and eastern Crittenden and Webster Counties. Many trees were down, and a couple of trailers were destroyed or heavily damaged.

Crittenden County

**4 NE Marion to
5 NE Marion**

28	0139CST 0141CST	1	200	0	0	3K		Tornado (F1)
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This short-lived tornado crossed U.S. Highway 60 northeast of Marion, downing numerous trees. This tornado was one in a series of tornadoes spawned by a supercell thunderstorm that tracked eastward across Livingston, Crittenden, and Webster Counties.

Crittenden County

**4 N Shadey Grove to
4 NNE Shadey Grove**

28	0149CST 0150CST	1	100	0	0	100K		Tornado (F2)
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The tornado was spawned by a long-lived supercell that originated over southeast Missouri and tracked across southern Illinois and western Kentucky. This tornado, which was one of the strongest and longest-lived of the night, first touched down just inside Crittenden County on State Route 120. It quickly moved into Webster County. Before moving into Webster County, about a dozen homes and farm buildings were damaged in Crittenden County.

Webster County

**5 W Providence to
4 E Providence**

28	0150CST 0159CST	9	880	0	26	15M		Tornado (F3)
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The tornado crossed southern Webster County, producing major damage as it paralleled Highway 120 through Providence. About two dozen persons were injured, and they were transported by ambulance to regional hospitals. One person was critically injured. The tornado produced F-3 damage in Providence, then weakened to an F-2 tornado just east of the city limits. The tornado struck a mobile home park in Providence, destroying 16 of the 20 mobile homes there. About 10 permanent homes were destroyed, and about 100 more homes were damaged.

Hopkins County

**3.3 NW Nebo to
1 E Hanson**

28	0159CST 0210CST	12	880	0	0	1.8M		Tornado (F3)
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The tornado crossed into Hopkins County just west-northwest of Nebo, and finally lifted after moving through Hanson. The tornado was rated at F-3 intensity in the Nebo area, where four chicken houses were blown off their foundations. About 45,000 chickens were left in the debris. Damage to one chicken facility was estimated between one and two million dollars. The tornado weakened as it progressed across the county. About 10 to 15 residences were significantly damaged.

MISSOURI, Southeast

Mississippi County

**Charleston to
1.8 SE Charleston**

20	1520CST 1525CST	1.8	100	0	0	68K	8K	Tornado (F1)
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The tornado path extended from Interstate 57 on the east side of Charleston to about 1.8 miles southeast of Charleston. Peak wind speeds in the tornado were estimated at 100 MPH. An anchored mobile home was lifted and rolled, destroying it. The residents of the mobile home escaped injury by abandoning it moments before the tornado struck. Stationary automobiles were moved about. Several mature hardwood trees were snapped off or uprooted. Minor damage occurred to outbuildings and metal pole-framed structures on the southeast edge of Charleston.



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MISSOURI, Southeast

Carter County

**Van Buren to
4.5 ESE Ellsinore**

24	1513CST 1545CST	20.5	300	0	2	15M			Tornado (F4)
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This photo of the tornado was taken by Mike Gossett of the National Park Service near Van Buren, early in the life cycle of this 40-mile long tornado. The tornado damage path began on the west side of Van Buren, right along the Current River, and crossed U.S. Route 60 very close to the Current River bridge. Two businesses in Van Buren, a lodge and a restaurant, were heavily damaged by F-2 intensity winds. The tornado travelled southeast across hilly and forested terrain until reaching the community of Ellsinore. Damage on the south side of Ellsinore was severe, where about 7 businesses were destroyed. Most of the damage at Ellsinore, which was inflicted by F-4 intensity winds, occurred along and near U.S. Highway 60. Across Carter County, 13 homes were destroyed and 12 homes suffered major damage. The tornado then moved into the Mark Twain National Forest and crossed into Butler County north of Highway 60

Butler County

**11 W Hendrickson to
5.5 NE Poplar Bluff**

24	1545CST 1618CST	20	650	0	14	30M			Tornado (F4)
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The tornado crossed into Butler County in the Mark Twain National Forest, then proceeded east-southeast, passing 6 to 7 miles north of Poplar Bluff. An upscale residential subdivision beyond the northern outskirts of Poplar Bluff, just off U.S. Route 67, received extensive damage. At least two well-constructed homes were levelled by peak winds estimated around 210 MPH. A total of 50 homes were destroyed in Butler County, 16 others received major damage, and 30 homes received minor damage. Most of the damaged homes were north of Poplar Bluff. Total damage figures for Butler County included timber losses in the national forest. The total number of injuries requiring hospital care that were directly attributed to the storm was 16. Five of the injured were admitted in critical condition. There were no fatalities from the storm. A woman who lived off U.S. Highway 67 took shelter in her bathtub. She reported that she and the bathtub were blown about 200 feet. She was reportedly found in the median of the highway. She was treated for a cracked sternum, broken ribs, a broken toe, and bruised lungs. In another incident on Highway 67, a large chunk of asphalt was blown through a vehicle's window, striking one of the people inside. The car was extensively damaged when it was blown off the road, but the 3 people inside received only cuts and bruises.



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MISSOURI, Southeast

Butler County

2 SW Rombauer to 1.6 SSW Rombauer	24	1621CST	1	40	0	0	2K	Tornado (F1)
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The long-track tornado that crossed much of Carter and Butler Counties briefly touched down again near Rombauer. Numerous trees were down along the short damage track.

Stoddard County

5 W Dudley to 4.9 W Dudley	24	1634CST	0.1	40	0	0		Tornado (F0)
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The supercell thunderstorm that spawned a long-track tornado over Butler and Carter Counties produced a brief, weak tornado very close to the Stoddard/Butler County line, just east of Fisk. No damage was reported.

Stoddard County

4 N Bloomfield to 3.9 NNE Bloomfield	24	1716CST	0.1	20	0	0		Tornado (F0)
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A weak tornado briefly touched down near the intersection of Highway 25 and M Highway. No damage was reported.

Bollinger County

8 SW Marble Hill to 4 SW Marble Hill	27	2340CST 2345CST	4	200	1	16	4M	Tornado (F3)
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This aerial photo of the damage area shows the lake where residents of the nearby homes were tossed.

This strong tornado with peak winds near 180 MPH touched down in a rural area southwest of Marble Hill. A total of 19 residences were severely damaged, and 6 were destroyed. Approximately 10 of the residences were mobile homes and 15 were single-family homes. Another 50 outbuildings, such as barns and sheds, were destroyed or damaged. Seven people were inside a house that was demolished. One of the victims, a 12-year-old boy, was thrown about 50 yards from the house and fatally injured. Several others in the immediate area, possibly the other occupants of the house, were thrown into a nearby lake and swam to safety. Of the 16 people injured in the tornado, four were air lifted to hospitals with serious injuries. Cars were stacked atop cars. Several residents were trapped inside the debris of their homes for up to 3 hours. The large number of trees down across roads delayed the arrival of rescue teams.

M12PH



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April 2002

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					Killed	Injured	Property	Crops	

MISSOURI, Southeast

New Madrid County

8 SE Portageville

28 0129CST 0.1 70 0 0 Tornado (F0)

A brief touchdown occurred in a small wooded area along Route 162 in extreme southeast New Madrid County. Several large trees were snapped at the base. No structures were involved.



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July 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Marshall County

6.6 SE Gilbertsville to 6.8 SE Gilbertsville	10	1150CST 1151CST	0.5	10	0	0	25K		Tornado (F0)
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The Cambridge Shores community, located on the shore of Kentucky Lake about 7 miles southeast of Gilbertsville, received severe damage from a downburst with estimated winds to 100 MPH. The core of the damage path was about 1.5 miles long and 1/4 mile wide. Numerous witnesses reported seeing a weak tornado embedded in the downburst. Estimated peak winds in this small tornado were 70 MPH. The bulk of the damage and both injuries were incurred by the downburst. At least a dozen boat docks were destroyed, and six boats were destroyed or capsized, including a houseboat. At least a dozen homes received significant damage, such as roofs blown off and trees landing on houses. Numerous trees were blown down. Two persons received minor injuries when their 48-foot houseboat capsized.



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September 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Southwest

Posey County

8 SW Mt Vernon to 7.8 SW Mt Vernon	20	0940CST 0941CST	0.2	40	0	0			Tornado (F0)
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A brief touchdown was reported in rural farm country southwest of Mount Vernon. No damage was found. The parent thunderstorm later produced a stronger tornado near Poseyville in northern Posey County.

Posey County

2.4 W Wadesville to 1.5 S Poseyville	20	0950CST 0956CST	4.7	150	0	1	500K		Tornado (F2)
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The tornado destroyed 10 mobile homes and four buildings. The greatest concentration of damage was on Highway 165 about 2 miles south of Poseyville. Peak winds were estimated around 130 MPH. Among the destroyed structures was a county highway garage. Eight vehicles were tossed, including a small van that was thrown onto a debris pile. One person was treated for a cut.

Pike County

7 W Petersburg to 7 NW Petersburg	20	1035CST 1037CST	0.9	75	0	0	2K		Tornado (F0)
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The tornado path began in a remote area just south of the White River near County Road 775 in far northwestern Pike County. The tornado was only on the ground for a mile before crossing the White River into Knox County. No known structural damage occurred in Pike County. Aerial surveys from a plane were used to determine the path of the tornado, which reached F-2 intensity after it crossed into Knox County.



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November 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Jackson County

3 NW De Soto to 5 E Elkhville	10	1332CST 1340CST	9	100	0	0	4K		Tornado (F0)
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Damage was generally very light. Some shingles were blown off a barn near the end of the damage path. Other damage included tree tops broken off and power poles bent. Loose debris such as tin and paper was blown around.

Franklin County

1.5 N Royalton to 2 NNE Royalton	10	1341CST 1342CST	0.5	50	0	0	1K		Tornado (F0)
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A weak tornado caused some tree damage as it crossed a highway just north of Royalton. The tornado was spawned by the same supercell thunderstorm that produced a longer-track tornado in Jackson County

MISSOURI, Southeast

Cape Girardeau County

2 SE Fruitland to 2.5 ESE Fruitland	09	2258CST 2259CST	0.8	50	0	0	25K		Tornado (F0)
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Near the intersection of Highway W and County Road 601, a trailer was demolished and blown into a building. Trees were blown down, a metal barn roof was blown off, and several homes lost shingles.



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ILLINOIS, South

Alexander County

2 NNW Unity to
2 N Unity

25 1343CST
 1344CST 0.3 30 0 0 1K Tornado (F0)



This still shot of the funnel cloud near Unity was taken by a television news crew.

A weak tornado, with peak winds estimated near 65 MPH, briefly touched down in woods and fields. The funnel cloud was observed and videotaped by a television news crew from the intersection of Highways 3 and 127, a distance of about 2 miles away. A witness reported that the funnel touched down in a field near the community of Olive Branch. Based on the video and the eyewitness account, it was determined that one or more brief touchdowns occurred. A few trees were blown down in the area of where the funnel appeared to have touched down. The thunderstorm that produced the apparent tornado formed underneath an upper level low and its associated cold pocket.

KENTUCKY, Southwest

Christian County

.5 W Crofton to
.4 W Crofton

20 1439CST 0.1 50 0 0 1K Tornado (F1)

A supercell thunderstorm moved east across northern Christian County and extreme southern Muhlenberg County, producing a swath of large hail and a weak tornado. The only reported wind damage was in and near Crofton. A National Weather Service damage survey concluded a brief tornado downed numerous trees in a wooded area half a mile west of town. The remainder of the damage, including nearly all the property damage, was caused by straight-line winds. Numerous trees were uprooted and pushed over onto fences and other non-residence structures. Two barns were damaged, and a large plate glass window was broken in a store. The damage area ended at Old Madisonville Road on the east side of Crofton. Peak winds were estimated near 80 MPH in the tornado and 60 to 70 MPH in the straight-line wind gusts. Witnesses reported that golf-ball size hail accompanied the damaging straight-line winds at Crofton.

Marshall County

3 NE Sharpe to
4 NE Sharpe

25 1509CST
 1512CST 1.5 100 0 0 30K Tornado (F1)

The tornado began along U.S. Highway 62 in the community of Possum Trot. It tracked along the north side of Highway 62, ending



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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

KENTUCKY, Southwest

near the intersection of Highways 1413 and 62. Peak winds were estimated near 75 MPH. Damage was mainly to sheds and garages, which received varying degrees of damage. Mobile homes also sustained some damage. Numerous trees and limbs were down, including a few on houses. The funnel was photographed from a considerable distance.



National Weather Service

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May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Massac County

1 WNW Joppa to .7 NW Joppa	04	2047CST 2050CST	1.4	100	0	0			Tornado (F1)
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This tornado, which crossed the Ohio River from Kentucky, moved an anchored barge from its moorings. It flipped over a work trailer and downed numerous trees and power lines. There was minor damage to other trailers. Three concrete slabs, each weighing 500 pounds, were moved from their positions on top of silos. Estimated peak winds were 95 MPH.

Pope County

6 SSW Golconda to 5.2 S Golconda	04	2109CST 2111CST	1.2	50	0	0			Tornado (F1)
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The tornado began one to two miles south of the "Ropers Landing" community on the Ohio River, then crossed the river into Kentucky. Extensive tree damage was observed along a bluff on the river. The damage path extended to the river bank.

Pope County

2 SE Bay City	04	2110CST	0.2	40	0	0	8K		Tornado (F1)
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The tornado first touched down along the Ohio River near the small community of Bay City, then crossed the Ohio River into Kentucky. In and near Bay City, large trees up to 4 feet in diameter were blown down. Some barns and fences were damaged.

A long-lived supercell thunderstorm crossed the Mississippi River about 10 miles northwest of Cairo, then moved east along the Ohio River. While crossing the southernmost tip of Illinois, this storm was responsible for three tornadoes, large hail up to the size of golf balls, and damaging winds.

Alexander County

Miller City	06	1957CST	0.3	30	0	0			Tornado (F0)
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The tornado produced some minor tree damage.

A severe thunderstorm produced damaging winds in Cairo that downed numerous trees. Outside of Cairo, the storm produced a weak tornado and dime size hail.

Pulaski County

1 W Grand Chain to 5 E Grand Chain	06	2032CST 2040CST	6	1000	1	13	3.5M		Tornado (F4)
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A mobile home was blown some distance and demolished in rural eastern Pulaski County.

This violent tornado began near Grand Chain and reached its maximum intensity of 210 MPH as it neared the Massac County line.



National Weather Service

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May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ILLINOIS, South

A 53-year-old man was killed when the chimney of his house collapsed on him. The man, who was in his basement, was protecting his son by lying on top of him when the collapse occurred. The son received broken bones. Their house was impaled by some nearby large trees that prevented it from being swept farther away. Along the Pulaski County portion of the tornado path, six single family homes and ten mobile homes were destroyed. Another ten single family homes and a mobile home had major damage. A few dozen other residences received some type of minor damage. A few dozen outbuildings, two businesses, and a campground were destroyed or had major damage. Approximately 13 persons were injured, but only a few of those required hospitalization. All roads in the damage area were impassable due to large numbers of trees and building debris on them. Many of the tornado victims in this county had no insurance on their residences. The area of most intense destruction was along Tick Ridge Road, a state road that follows a ridge above the Ohio River. M53PH

Massac County

**2 W Hillerman to
5 E New Columbia**

06	2040CST 2114CST	14	1000	1	20	10M	Tornado (F4)
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The frame of a mobile home was wrapped around two tree trunks in the above photo. The occupant of the mobile home, a 65-year-old woman, was found dead in a flooded ravine about 100 yards from the mobile home site.

The tornado was near its maximum F-4 intensity as it crossed the Pulaski County line into western Massac County near the community of Hillerman. Estimated winds of 210 MPH disintegrated mobile homes and levelled several modern frame homes. One frame house was swept clean off its foundation, with only the roof left intact in a creek about 200 yards away. Many vehicles were lifted, rolled, or thrown up to 100 yards or more. Numerous cases of missileing were observed, including glass embedded in trees. Tree destruction in forested areas was nearly complete, and a few trees were debarked. The only fatality in Massac County was a 65-year-old female who was killed when her mobile home disintegrated. The official cause of death was blunt trauma to the head. She was found in a water-filled ravine about 100 yards from the former site of her mobile home. The frame of the mobile home was wrapped around the trunks of two trees that were stripped of all their limbs. Most of the levelled frame homes were concentrated on Boaz Road and Rolling Hills Road, in or near Hillerman. After passing through Hillerman, the tornado overturned dozens of railroad cars of a train just west of the Mermet Lake Conservation Area, which is off U.S. Route 45. The Mermet Lake Conservation Area was extensively damaged. An estimated 300 acres of forest were destroyed, boat docks were destroyed, and bathing facilities were destroyed. Dozens of waterfowl were found dead. After destroying additional residences and high tension power lines, the tornado crossed Interstate 24 near mile marker 28, about a mile south of the New Columbia exit. Tractor-trailer rigs and a tour bus were overturned on the interstate, injuring the drivers. The interstate was closed due to grain bins, tree limbs, and some building debris on the highway. Additional residences were destroyed between the interstate and the Pope County line. The tornado crossed into Pope County near where Illinois Route 145 crosses the county line. In Massac County, a total of 15 single-family houses and 13 mobile homes were destroyed. About 20 other single-family houses and 15 mobile homes received major damage. Several dozen other residences had some type of minor damage. Numerous vehicles and farming implements were destroyed, including combines. About 20 persons were injured in Massac County, but only one or two were hospitalized in serious or critical condition. Most of the injuries involved lacerations, bruises, broken bones, and internal injuries. Near Hillerman, a deputy sheriff escaped unhurt after his patrol car was thrown about 50 yards and struck by a flying tree and telephone pole. F65MH



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, South

Pope County

2.5 W Temple Hill to 1 N Golconda	06	2114CST 2142CST	13	600	0	0	2.5M		Tornado (F3)
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The tornado entered Pope County near where Illinois Route 145 crosses the Massac County line. The tornado passed near the communities of Temple Hill, Homberg, and Brownfield. In Pope County, three mobile homes and four permanent homes were destroyed, along with numerous barns and outbuildings. An additional nine single-family homes and two mobile homes received major damage. Dozens of other residences received minor to moderate damage. Some vehicles were rolled or moved. The tornado passed just west and northwest of Golconda before ending about a mile north of town. Just west of Golconda, the roof was blown off the county elementary school's gymnasium. Despite the seven destroyed residences, not one injury was reported. The maximum intensity of the tornado was rated F-3 in Pope County, and F-4 in Massac and Pulaski Counties. The slightly lower intensity of the tornado, combined with the fact it narrowly missed the center of several Pope County communities, may partly explain the lack of injuries. When the tornado ended just north of Golconda, it had been on the ground for 33 miles and an hour and ten minutes. Where the track of the tornado ended near Golconda, the Ohio River and Kentucky state line were less than a mile away.

Massac County

8 NW Metropolis to 7 N Metropolis	06	2155CST 2202CST	4	50	0	0	80K		Tornado (F2)
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The roofs of several houses were severely damaged or blown off. One business was destroyed. Several barns and outbuildings were destroyed. Numerous large trees were blown down, along with seven power poles. Peak winds were estimated near 125 MPH. The damage path began due north of Metropolis and crossed Illinois Route 145 about 7 miles north-northeast of Metropolis. Route 145 and several smaller roads were closed due to large trees blown across them. This damage was located in nearly the exact location where damaging thunderstorm winds occurred about 48 hours earlier, on the evening of May 4.

The deadliest and most destructive storm of the night tracked within 10 miles of the Ohio River across extreme southern Illinois. The storm produced a 33-mile long tornado that killed two and injured about 33. A small but very damaging downburst occurred several miles south of the tornado track. A swath of large hail occurred north of the tornado track. Hailstones up to 2 inches in diameter were reported at and near the intersection of Highways 145 and 147, near the community of Glendale in Pope County.

Alexander County

2 S Willard to Cairo	06	2127CST 2134CST	3	400	0	1	300K		Tornado (F2)
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The tornado formed northwest of Cairo near the Mississippi River. Three tractor-trailer rigs were overturned on the Interstate 57 bridge over the Mississippi River. The tornado tracked through Cairo, damaging dozens of homes and several businesses. One single-family home was destroyed, injuring a child who was cut by flying debris. Of the damaged homes, about four sustained major damage, and the rest had mainly minor damage.

Johnson County

3 S Cypress	06	2127CST	0.2	30	0	0			Tornado (F0)
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The tornado was reported at the community of Whitehill, near the intersection of Perk and Whitehill Roads. Tree damage and some downed trees were the main effect of this tornado.

Johnson County

1 NNE Reevesville	06	2147CST	0.2	30	0	0			Tornado (F0)
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Tree damage and some downed trees were the main effect of this tornado.

Massac County

1 E Samoth	06	2150CST	0.2	30	0	0			Tornado (F0)
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Tree damage and some downed trees were the main effect of this tornado.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Ballard County

2.4 NE Monkeys Eyebrow 6 ENE Monkeys Eyebrow	04	2043CST 2047CST	2.5	30	0	0			Tornado (F0)
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This tornado touched down in bottomland along the Ohio River, downing about a half dozen trees. The tornado proceeded to cross the Ohio River into Illinois.

A severe thunderstorm moved east across northern Ballard and northwest McCracken Counties, downing numerous trees and power lines. The rotating storm also produced a tornado along the Ohio River in Ballard County. This storm was a long-lived supercell that formed over southeast Missouri and tracked northeast up the Ohio River Valley. The storm crossed back into Kentucky in Livingston County. Fallen trees blocked roadways across northern Livingston County.

Livingston County

2.5 NW Birdsville to 1.5 SW Lola	04	2110CST 2126CST	9.6	60	0	0			Tornado (F1)
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The tornado crossed the Ohio River near Birdsville, tracked northeast across Hampton, then dissipated before reaching Lola. Numerous large trees were blown down. Grain bins were destroyed. The few homes in the path of the tornado sustained roof damage.

Livingston County

6 NW Birdsville to 6.3 NNW Birdsville	04	2111CST 2112CST	1	30	0	0			Tornado (F1)
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The tornado crossed the Ohio River from Pope County, Illinois and ended on the west side of Highway 137. A number of trees were blown down.

Crittenden County

4.3 W Sheridan to 1 SE Sheridan	04	2130CST 2138CST	5.5	30	0	0			Tornado (F1)
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The tornado downed numerous trees.

Crittenden County

2.5 SW Sheridan to 1.5 SSW Sheridan	04	2132CST	2	40	0	0			Tornado (F1)
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The damage from this tornado consisted mostly of downed trees.

Crittenden County

.6 NE Mattoon to .8 NE Mattoon	04	2145CST	0.2	25	0	1			Tornado (F2)
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A mobile home was destroyed, and there was significant damage to a permanent home. The occupant of the mobile home received minor injuries. A barn was destroyed, and numerous trees and power lines were down. Peak winds were estimated near 120 MPH.

Webster County

4 WSW Clay	04	2153CST	0.2	20	0	0			Tornado (F1)
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This tornado occurred on Highway 143 just south of Highway 109 at an orchard. Numerous small trees were blown down. An old barn was destroyed, and a house received minor damage. Peak winds were estimated near 105 MPH.

Webster County

2 W Clay	04	2156CST	0.2	25	0	0	350K		Tornado (F1)
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Three large chicken houses were destroyed at a chicken farm on the south side of Highway 109. Peak winds were estimated near 105 MPH. The houses contained about 100,000 chickens, most of which survived.

Webster County

.7 W Clay to .7 E Clay	04	2158CST 2200CST	1.5	75	0	1	1M		Tornado (F2)
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In Clay, 6 homes and 2 businesses were destroyed. An additional 45 homes and 4 businesses received varying degrees of damage, ranging from minor to major. A woman was injured when a tree fell and landed on her, breaking her hip. Peak winds were estimated near 125 MPH. One of the destroyed businesses was a hardware store. The other business, on the north side of Clay, housed spring planting supplies. That business lost four metal buildings. Numerous trees and power lines were blown down.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

A severe thunderstorm produced a series of tornadoes across Livingston, Crittenden, and Webster Counties. Both tornadoes in Livingston County originated on the Illinois side of the Ohio River. The strongest tornadoes occurred from Mattoon to Clay, where F2 damage was observed in spots.

Calloway County

**6 NE Murray to
7.8 NE Murray**

04	2130CST 2137CST	1.8	60	0	0	350K	Tornado (F2)
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The tornado began along Highway 732 about one quarter mile east of Highway 94. It then moved northeast, roughly parallel to Highway 94, for almost two miles. Six homes received minor to moderate damage. Numerous trees were down, two barns were destroyed, and several others were damaged. Peak winds were estimated near 120 MPH.

A supercell thunderstorm moved northeast from Tennessee, producing straight-line wind damage from the southeast corner of Graves County to Murray. The storm then spawned a tornado northeast of Murray.

Daviess County

2.5 S St Joseph

04	2245CST 2246CST	0.2	25	0	2	75K	Tornado (F2)
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A mobile home was destroyed, injuring two persons. A boy received a broken arm, and a girl suffered a broken back. Several barns and garages were blown down, and a garage was pushed off its foundation. One permanent home received minor damage.

Ballard County

**5 NW Wickliffe to
4 ENE Blandville**

06	2141CST 2200CST	15	300	0	0		Tornado (F2)
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The tornado crossed into Ballard County between Wickliffe and the U.S. Route 60/62 bridge over the Ohio River. The tornado was rated F-2 in a forested area along the Mississippi River just north of Wickliffe, where intense tree damage was observed. Along the rest of its path through Ballard County, it was rated F-1 or F-0 (winds below 113 MPH). Where the tornado passed through the northeast outskirts of Wickliffe, there were a few homes with mainly minor damage. Roads were blocked by large fallen trees, including a 300-year-old white oak tree. The tornado moved east-southeast across rural Ballard County, where there was considerable roof damage to a home, and a garage door was blown out. Large trees were uprooted. At least one house was struck by falling trees. There was slight structural damage to the roof and attic portion of a home.

McCracken County

**4.5 W Melber to
2.5 W Melber**

06	2212CST 2215CST	2	75	0	0		Tornado (F0)
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Trees were snapped off or uprooted along the north side of Highway 1820, just inside the McCracken County line. Peak winds were estimated near 70 MPH.

McCracken County

**.3 S Lone Oak to
4.2 SE Lone Oak**

06	2217CST 2222CST	3.5	80	0	0		Tornado (F1)
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Numerous trees were snapped or uprooted. The tornado began just east of U.S. Highway 45 on the south side of Lone Oak, and moved southeast across Highway 994 (Old Mayfield Road) to about Highway 1954 (Husband Road). Peak winds were estimated near 80 MPH.

Graves County

3.5 NNW Folsomdale

06	2222CST 2223CST	0.5	125	0	0		Tornado (F1)
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The tornado occurred just west of U.S. Highway 45, along Highway 1241 near the McCracken County line. A mobile home was moved completely off its foundation and damaged. Two nearby homes had minor roof damage. Peak winds were estimated from 90 to 100 MPH.

Graves County

**1.5 NW Symsonia to
.5 NW Symsonia**

06	2232CST 2234CST	1	100	0	0		Tornado (F1)
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Several large trees were uprooted. The tornado was witnessed by a firefighter. The damage was along Highway 348.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Hickman County

8.4 ESE Clinton to 10.2 SE Clinton	06	2232CST 2235CST	2	50	0	0			Tornado (F1)
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The tornado path began on Highway 944 about 2.5 miles southeast of Fulgham. Some trees were blown down. Most of the tornado's path was in Graves County.

Graves County

5 SW Wingo to .5 S Bell City	06	2235CST 2302CST	20	50	0	0			Tornado (F1)
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The tornado entered Graves County a couple miles north of where the Purchase Parkway crosses the Hickman/Graves County line. A very broken path of damage extended across southern Graves County to near the Calloway County border. A garage attached to a residence was destroyed. Roofs were damaged. An open aluminum equipment shed was heavily damaged. Trees were blown down. Peak winds were estimated near 95 MPH.

Marshall County

8 NW Benton to 6 NW Benton	06	2238CST 2241CST	2	100	0	0			Tornado (F1)
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Numerous trees were uprooted or snapped. Barns and sheds were damaged. Peak winds were estimated near 85 MPH. The damage was along Highway 348.

Marshall County

2 SE Briensburg	06	2250CST	0.5	80	0	0			Tornado (F0)
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Along U.S. Highway 68, there were large trees down. Peak winds were estimated near 70 MPH.

Union County

Boxville to 5 ENE Boxville	06	2252CST 2300CST	4	100	0	0	400K		Tornado (F1)
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The tornado downed numerous trees. One farm, located on Highway 56 near the junction of Highway 141, was heavily damaged. Many trees were blown down in a wildlife area. The tornado crossed into Henderson County, where most of the structural damage occurred.

Marshall County

4.5 SE Briensburg	06	2255CST	0.5	80	0	0			Tornado (F1)
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Large trees were down, and sheds and barns were damaged. Peak winds were estimated near 85 MPH. The damage area was along U.S. Highway 68.

Henderson County

6.8 SSW Corydon to 1 E Robards	06	2300CST 2321CST	11	100	0	0	350K		Tornado (F1)
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The tornado entered the southwest corner of the county from Union County. Most of the significant damage occurred near Robards, where three mobile homes were destroyed. Several large barns were destroyed. An empty grain silo was damaged. Upwards of 100 trees were down. The damage ended along U.S. Highway 41 near the Pennyrite Parkway at a truck stop. Peak winds were estimated near 110 MPH.

The most prolific tornado-producing storm of the night entered western Kentucky near the confluence of the Ohio and Mississippi Rivers and moved east, passing between Paducah and Mayfield. The storm continued to spawn tornadoes, mostly of weak to moderate intensity, until it reached Kentucky Lake. Elsewhere, severe thunderstorms moved northeast across northwest Kentucky, producing sporadic wind damage and a tornado. Sporadic wind damage occurred in Livingston, Crittenden, Webster, and Daviess Counties, with a tornado in Union and Henderson Counties.

Mclean County

.2 S Sacramento to 1.5 ESE Sacramento	11	0018CST 0021CST	1.8	80	0	2	400K		Tornado (F3)
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One home was destroyed, and one home was severely damaged. A mobile home disintegrated, with the frame found one quarter mile away. Several barns or sheds were destroyed. Two vehicles were rolled. Numerous trees were uprooted, and some were blown some distance. The damage path began about one quarter mile west of Highway 81 in the south end of Sacramento, then extended



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

eastward. The two injuries were relatively minor. Peak winds were estimated near 170 MPH.

MISSOURI, Southeast

Scott County

.5 S Morley to
1 SW Lusk

04	1953CST 2005CST	11.5	130	0	0	75K	Tornado (F2)
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One mobile home was destroyed. Several small buildings were damaged. Numerous trees were blown down or damaged. Several irrigation systems were moved and/or turned over. Peak winds in the tornado were estimated near 130 MPH.

Severe thunderstorms produced dime to nickel size hail in isolated locations from around Poplar Bluff west. The storms then organized into a single tornadic supercell just northeast of Poplar Bluff. This long-lived supercell moved east, passing between Cape Girardeau and Sikeston, then continued east-northeast through the Lower Ohio River Valley. The supercell produced a tornado in Scott County. Trees were blown down at Wappapello in southeast Wayne County.

Bollinger County

.3 S Grassy to
.7 ESE Grassy

06	1904CST 1906CST	0.8	100	0	0	40K	Tornado (F2)
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A mobile home, a house, and a barn was destroyed. Most of the damage was on County Road 702. Peak winds were estimated around 130 MPH.

Bollinger County

5 E Marble Hill to
5.3 E Marble Hill

06	1918CST	0.3	50	0	0		Tornado (F0)
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Damage was mainly to trees. A barn/outbuilding was damaged or destroyed.

Cape Girardeau County

2 S Burfordville to
2.5 SE Burfordville

06	1931CST 1933CST	1	50	0	0		Tornado (F1)
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An old farmhouse was partially destroyed, with the kitchen still standing but the rest of the house flattened. A nearby barn was destroyed. Numerous trees were blown down.

Cape Girardeau County

Jackson to
2 NE Jackson

06	1945CST 1950CST	2	50	0	2	12M	Tornado (F3)
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The tornado touched down at the intersection of Highway 34 and Business Loop I-55 in Jackson, then moved northeast across downtown Jackson and the Bent Creek Golf Course. The damage path ended about 300 yards short of Interstate 55. Several trees blocked Interstate 55 near Jackson. Peak tornado winds were estimated near 180 MPH. The police and fire headquarters building was near the beginning of the damage path. The roof was blown off the building and windows were blown out, allowing rain to flood the building and cause extensive damage. The hazardous materials trailer and communications van were overturned. City police and fire operations were moved to alternate quarters. Streets were blocked by flipped cars and downed trees and power lines. Numerous large trees were snapped or uprooted. The roofs and some walls were torn off many buildings and homes, as well as a school in downtown Jackson. About 200 structures in Jackson received at least some degree of damage. Approximately 22 homes were destroyed, 43 received major damage, and 140 received minor damage. Of those, six were mobile homes and four were apartment buildings. Three businesses were destroyed, including a bakery. Four other businesses had major damage, including a storage company and a woodworking business. Two injured persons were treated and released from a local hospital. One family safely took shelter in their basement while baseball size hail battered the kitchen floor of their unroofed home, and a small sports car landed in their living room. Twenty gas leaks caused by the tornado were repaired within 6 hours. Power was restored to all but 30 homes within 48 hours.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MISSOURI, Southeast

Cape Girardeau County

7 NNE Cape Girardeau to 3 E Oriole	06	2011CST 2018CST	3	50	0	0			Tornado (F1)
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The tornado touched down about 2 miles southeast of Oriole, south of Highway V. It moved northeast to along Highway 177 in the Trail of Tears State Park area. Numerous trees were blown down, including some on structures. A rental home was destroyed. At least one other house and metal buildings were damaged. Several sheds or barns were destroyed. Peak winds in the tornado were estimated near 80 MPH.

A supercellular severe thunderstorm tracked northeast across Bollinger and Cape Girardeau Counties, producing several tornadoes and hail up to golf ball size. Other severe thunderstorms north of the supercell's path produced damaging wind gusts and large hail.

Scott County

3 N Benton to 4 E Benton	06	2122CST 2133CST	5	200	0	0			Tornado (F1)
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The tornado began just west of Interstate 55 and moved southeast, ending as it crossed County Road 333. A vehicle was blown around on the interstate, and there was minor damage to homes. Numerous large trees were blown down. Maximum winds were estimated around 90 MPH.

Mississippi County

12 NNW Wyatt to Birds Pt	06	2134CST 2141CST	7	100	0	0			Tornado (F2)
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This tornado formed on the Illinois side of the Mississippi River, crossed the river into Missouri at the Interstate 57 bridge, then crossed the river into Kentucky. On the Interstate 57 bridge over the Mississippi River, three 18-wheelers were flipped over, closing the bridge for several hours. The Missouri portion of the track was mainly across undeveloped river bottomland, used mainly for planting crops.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Southwest

Marshall County

2 W Briensburg to 1.8 W Briensburg	11	1820CST 1821CST	0.2	80	0	0	35K		Tornado (F1)
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A mobile home was pushed two to three feet off its pier foundation, nearly pulling tie downs out of the ground. Part of the wooden deck with an attached metal awning was thrown 200 feet across a roadway. Another part of the deck crashed into a corner of the mobile home and a pickup truck, causing substantial damage to both. A heavy wooden shed with some heavy equipment in it was flipped over. A utility trailer was moved several feet. Deck furniture and the metal roof from a carport were blown away. A dog was injured. Peak winds were estimated near 75 MPH. The damage location was about a half mile south of the intersection of Highway 795 and Foust Sledd Road, which is less than a mile west of the Purchase Parkway.



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Calloway County

3.5 NNW Lynn Grove to .7 E Lynn Grove	22	1935CST 1943CST	4	60	0	0			Tornado (F0)
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Numerous trees were blown down, including one that fell on a house.

Thunderstorms developed along and ahead of a cold front that moved southward across western Kentucky. The storms produced torrential rainfall and continuous lightning after dark. Rainfall at a co-operative observer station in Canton (Trigg County) measured 4.10 inches in three hours. The storms downed many trees, including a few that landed on homes, but there were no reports of structures damaged directly by wind. Isolated reports of large hail were received. A weak tornado produced a broken path of tree damage in western Calloway County.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Southeast

Carter County

3.2 SW Ellsinore to 4.8 NNE Ellsinore	24	1612CST 1630CST	7.6	200	0	5	600K		Tornado (F2)
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The tornado touched down about one mile south of the intersection of U.S. Highway 60 and County Highway 233 in eastern Carter County. The tornado tracked north-northeast, passing only about a mile west of the town of Ellsinore. The tornado damage path ended on County Road 365 less than one half mile before reaching the Wayne County line. Peak winds in the tornado were estimated at 150 MPH. Most of the injured were in a mobile home on the north side of U.S. Highway 60. Their mobile home was picked up and thrown into some trees. One person was critically injured. The critically injured person was paralyzed when her back and neck was broken, and she was airlifted to a St. Louis area hospital. Another person received a broken arm, and most of the remaining injuries were scrapes and cuts. The tornado destroyed a total of three mobile homes, a storage facility, and numerous sheds. Two homes and one business were severely damaged. Numerous vehicles were damaged.

Wayne County

4 SSW Patterson to Patterson	24	1652CST 1658CST	4	100	0	0	100K		Tornado (F1)
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Trees and power lines were blown down. Two businesses and about six homes were severely damaged when most of their roofing was blown off. The businesses were a beauty shop and a post office. A dozen barns and sheds were destroyed. Several vehicles and some farm machinery was damaged. Peak winds were estimated near 100 MPH. Power outages affected about 100 people. Some county roads and secondary highways were blocked. The damage path began on Highway B and ended at the junction of Highway 34 and FF Highway. Most of the structural damage was in Patterson at the junction of Highways 34 and FF.

Cape Girardeau County

.5 W Crump to 2 W Tilsit	24	1847CST 1857CST	5.4	200	0	0	10K		Tornado (F2)
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Several barns were damaged, and one was destroyed. Two houses had roof damage. The most intense damage was in a forest, where hundreds of trees were snapped or uprooted. Peak winds were estimated at 130 MPH. The damage began on Highway RA, just south of Lake Girardeau, and continued northeast to about 2 miles west of Tilsit.

A warm front extending across southeast Missouri was the focus for tornadic thunderstorms. The storms developed during the warmth of the afternoon and produced a few tornadoes, isolated dime size hail, and several reports of flash flooding.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Franklin County

2 W Thompsonville to 1.5 W Thompsonville	25	1623CST 1624CST	0.5	50	0	0	250K		Tornado (F0)
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A brief tornado touchdown was observed. No damage was reported.

A tornadic thunderstorm moved east across Franklin County. A long-lived rotating wall cloud was associated with the storm. A brief tornado was spawned, but all of the tree damage was associated with straight-line winds.

Perry County

5.5 NNW Pinckneyville to 5.8 N Tamaroa	30	1725CST 1740CST	12	75	0	0	250K		Tornado (F1)
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The tornado began on Bethel Church Road and ended at the Washington County line near where U.S. Highway 51 crosses the county line. Five barns were destroyed directly by wind. Other damage was due mostly to trees falling on buildings. At least four residences were moderately damaged. A machinery storage building and sheds were demolished. An airplane hangar was destroyed. Numerous trees were blown down, blocking some roads. At a church camp along the Washington County line, many trees were blown down, including one that fell on the camp office. A house was damaged. Peak winds were estimated near 90 MPH.

Jefferson County

6.2 W Woodlawn to 3 ENE Dix	30	1729CST 1757CST	18	75	0	0	100K		Tornado (F1)
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From Washington County, the tornado entered western Jefferson County about 5 miles south of where Interstate 64 crosses the county line, then moved northeast across the interstate near the Woodlawn exit. A semi was blown off the interstate near the exit. The tornado passed just south of Dix, then lifted north of Texico, less than 2 miles from the Marion County line. Damage in this very rural area consisted of numerous trees down and destroyed sheds and barns. About two dozen houses sustained damage, mostly due to trees falling on them. Many trees were on power lines, and power poles were snapped. The damage path was not continuous. The tornado was rated F-1 for just a brief portion of its track, where maximum winds were estimated near 110 MPH.

Jackson County

5 S Murphysboro to 4.9 SSE Murphysboro	30	1732CST 1733CST	0.5	50	0	0			Tornado (F0)
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A brief tornado was witnessed. No damage was reported.

Widespread damaging winds raked all of southern Illinois. The storms were in the form of short lines or bows as they moved through Jefferson, Perry, and Jackson Counties, including Mount Vernon and Carbondale. A couple of tornadoes were spawned in those areas. As the storms moved east, they evolved into an intense squall line, producing widespread damaging gusts around 60 MPH with isolated higher gusts to 90 MPH. Numerous trees were blown down in nearly every county. Some of the trees fell on roads and power lines. In Wayne County, trees and utility poles were down in Sims, but the northwest part of the county from Orchardville to Johnsonville was hardest hit with utility damage. In Hamilton County, the whole city of Mcleansboro was without power after numerous trees fell. Several of the trees landed on houses, causing severe damage to at least one house. Trees fell on vehicles in Mount Carmel, where gusts were reported to 68 MPH. At least two occupied vehicles were struck by falling trees, one on Route 34 north of Harrisburg, and another north of Old Shawneetown. In both cases, the occupants were freed by rescue workers without being injured. In Harrisburg, trees fell on several houses and vehicles, and a radio tower used for fire dispatch operations was blown down. Two roofs were blown off of houses in Raleigh, just north of Harrisburg. A tree fell on a house in Thebes, near the Mississippi River in Alexander County. The most intense winds (estimated near 90 MPH) occurred in Massac County about 5 miles west of Round Knob, where a house lost portions of its roof and attic. At least 10 to 15 trees were reported down in Massac County. The storms produced very heavy rain that caused street flooding. The U.S. Highway 51 overpass on the north side of Cairo was blocked by high water.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Southwest

Vanderburgh County

3 W Darmstadt to 3 ENE Darmstadt	30	1940CST 1950CST	6	200	0	0	1.2M		Tornado (F1)
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The tornado first touched down on Bromm Road, then tracked east directly across Darmstadt, finally lifting at Browning Road. Hundreds of trees were blown down, including many that landed on houses and power lines. A total of 42 single family homes, 6 commercial structures, and 1 agricultural structure were affected. One single family home and one business was destroyed. Five single family homes and four commercial buildings received major damage. The remainder of the 42 structures received only minor damage. Peak winds were estimated near 100 MPH. Strong gusty winds occurred throughout Vanderburgh County. A gust to 57 MPH was measured in Evansville.

Warrick County

3 SW Newburgh to Newburgh	30	1940CST 1946CST	3	80	0	0	2.5M		Tornado (F2)
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This tornado touched down just west of Phelps Road, and it lifted at Highway 66 and Sharon Road. Access to the city of Newburgh was restricted due to many trees on roads and power lines. Many of the trees landed on homes, businesses, and vehicles. A front porch was torn off a home. Carports were destroyed, including one that was thrown into a ravine. The city's maintenance garage was buried under fallen trees, destroying four of the city's five trucks. Several roofs were blown off businesses. Peak winds were estimated near 120 MPH.

Widespread damaging winds raked southwest Indiana. Embedded short-lived tornadoes and intense downbursts caused pockets of severe damage. The single most destructive event was an F-2 tornado that struck Newburgh, Indiana. Another tornado in the northern suburbs of Evansville caused over one million dollars damage. Intense downbursts occurred in eastern Warrick County and southern Spencer County. The downburst in Warrick County occurred south of Tennyson, near the Spencer County line, where hundreds of trees were blown down or damaged. The damage area, which was caused by winds estimated near 85 MPH, was about 3.5 miles long and 50 to 75 yards wide. Little or no damage was reported to residences in this very sparsely populated area. Another larger downburst in southern Spencer County caused more significant damage from Enterprise to Rockport. Estimated winds from 70 to 80 MPH caused lots of damage to trees. The damage area was about 9 miles long and 2 miles wide. Some structures were damaged, and shingles were blown off roofs. Across the remainder of southwest Indiana, numerous trees were blown down across southern Gibson County, and a gust to 60 MPH was measured at St. Philip in Posey County. There were trees and limbs down in Posey County. Sporadic tree damage was reported across Pike County. In Warrick County, in addition to the Newburgh tornado and Tennyson downburst, there were numerous trees and power lines down in Boonville. In Spencer County, trees were blown down countywide.

KENTUCKY, Southwest

Henderson County

1 SW Spottsville to .8 SW Spottsville	27	2132CST 2133CST	0.2	50	0	0	45K		Tornado (F1)
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A double wide mobile home was shoved 10 feet off its base. A 12-by-16 foot wooden shed was destroyed, killing 26 baby chicks. Several trees on the property were blown down. Peak winds were estimated around 110 MPH

Severe thunderstorms with widespread damaging winds moved east from southern Illinois, passing across Union, Henderson, and Daviess Counties. A series of intense downbursts with peak winds up to 120 MPH struck northern Daviess County. The severe damage was concentrated in a 5-mile wide path from Stanley through Owensboro to Yelvington. Approximately 40 to 50 houses received major damage, mostly due to trees falling on them. Another 40 to 50 homes received minor damage. Several barns and garages were destroyed. A house roof was blown off. Hundreds of downed trees, power lines, and power poles blocked numerous roads. A woman was trapped in her vehicle when a tree fell on it. An irrigation rig was overturned in the Stanley area, and at least one trailer was blown off its foundation. Debris and even a whole building blocked roads in the Stanley area of Daviess County.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Damage in Union and Henderson Counties consisted of widespread tree damage. Trees were down across many primary roads, including the Pennyrile Parkway and U.S. Highways 41 and 60. A National Weather Service damage survey estimated peak winds near Geneva in Henderson County were near 75 MPH. At Geneva, numerous trees were down, a sun room was blown off a house, and there was minor structural damage such as broken windows and shingles off roofs. One large tree limb fell through the wall of a house. A survey of the damage in eastern Henderson County revealed a very short-track tornado near Spottsville. In Union County, many trees were down in Uniontown and Morganfield, and some power poles were snapped off. Some roof damage occurred at a shopping center on Highway 60 West near Morganfield, as well as two job corps center buildings in the same area. In the same location about a mile west of Morganfield, 50 to 75 trees were down. A garage was damaged in Uniontown. A National Weather Service damage survey indicated peak winds were near 75 MPH at Uniontown. The vast majority of significant damage was in the northern half of Union, Henderson, and Daviess Counties. Several trees were blown down in extreme northern Mclean County at Beech Grove.

Hickman County

**6.5 SE Clinton to
8.4 E Clinton**

29	1930CST 1940CST	5.4	100	0	0	20K	Tornado (F1)
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A damage survey found numerous trees down along the tornado path. There were no known structures within the damage area. Peak winds based on tree damage were estimated near 80 MPH. The tornado tracked from about 4 miles southwest of the small community of Fulgham to 2 miles east of Fulgham.

Strong rotation was observed within a thunderstorm for the duration of its path from Fulton County, east-northeast across Hickman and Graves Counties, to the Marshall/Calloway County line. A tornado tracked several miles across Hickman County. Several trees were down in southern Graves County, including two around Wingo and two others south of Mayfield. A funnel cloud was observed close to the ground by trained spotters at the Marshall/Calloway County line, just west of Highway 299.

Mccracken County

**1 E (Pah)Barkley Arpt P
2.1 ENE (Pah)Barkley Ar**

30	1115CST 1118CST	1.5	50	0	0	20K	Tornado (F0)
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Photo of a funnel cloud taken from the Paducah National Weather Service office, looking east. This funnel cloud touched down about a mile east of the office, damaging a mobile home and destroying a shed.

The tornado was observed from the National Weather Service office at Barkley Regional Airport in West Paducah. The tornado first touched down about a mile east of the airport and remained on the ground for a mile or two. Near the start of the tornado track, a mobile home was blown four feet off its foundation, and part of its roof was torn off. The underpinning of two or three other mobile homes was damaged. A 10 foot by 10 foot storage shed was flattened. On old Highway 60, a tree fell on a house. Peak winds were estimated at 70 MPH.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

Todd County

2 S Cedar Grove to
1.7 SSE Cedar Grove

30 1322CST
1323CST 0.5 50 0 0 300K Tornado (F0)



Photo of the tornado as it briefly touched down south of Cedar Grove in Todd County. A few downed trees were the only damage reported with this weak tornado in a rural area.

The tornado was reported near the intersection of Highway 507 and Coal Bank Road. A few trees were down. This tornado was photographed from a school on Highway 181 near Highway 507.

Hopkins County

1 W Barnsley to
5.5 E Barnsley

30 1340CST
1358CST 6.5 175 0 0 300K Tornado (F2)



Image of the F-2 tornado as it passed near Hopkins County Central High School. The image was created from a videotape of the tornado.

This tornado touched down about 5 miles south of Madisonville and moved almost due east, crossing the Pennyrile Parkway at exit



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

37. The tornado ended just after crossing into Muhlenberg County in a forested area. Several homes were damaged, including one that was severely damaged. Several barns and outbuildings were destroyed. Several roofs were blown off businesses. A truck stop near the Pennyrite Parkway received minor damage. The tornado moved across the sports complex at Hopkins County Central High School, causing heavy damage to the baseball area. Some trees landed on roads and cars. Peak winds were estimated near 140 MPH by the damage survey team. The tornado was videotaped at fairly close range as it passed near Hopkins Central High School.

Muhlenberg County

**6 W Graham to
5.5 W Graham**

30	1358CST 1400CST	0.5	175	0	0				Tornado (F2)
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The tornado crossed over from Hopkins County in a densely forested area, and lifted within a couple minutes after entering Muhlenberg County. Tree damage was the only known damage during the short time this tornado was in Muhlenberg County.

Daviess County

**1 S Masonville to
.9 SSE Masonville**

30	1412CST 1413CST	0.1	30	0	0				Tornado (F0)
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A funnel cloud briefly touched down in a cornfield, producing no known damage.

A few supercell thunderstorms tracked across western Kentucky during the early afternoon. Each thunderstorm showed distinct rotation and produced at least one tornado. The first tornadic storm developed just west of Paducah, and continued northeast across Livingston and Crittenden Counties before weakening. This storm produced only one confirmed tornado, which was at West Paducah. A second thunderstorm developed strong rotation between Princeton and Madisonville, then moved east, parallel to and a few miles north of the Western Kentucky Parkway. This storm produced the strongest tornado of the day, from Hopkins County into extreme western Muhlenberg County. A funnel cloud accompanied the storm across the rest of Muhlenberg County. A third strongly rotating storm moved across Christian and Todd Counties, and another moved south and east of Owensboro.

Webster County

**1 SW Providence to
1 SE Providence**

30	1930CST 1935CST	2	300	0	0	150K			Tornado (F1)
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Around 30 homes were damaged by this tornado that tracked across the southern and eastern fringe of Providence. Several homes received major damage, in excess of ten thousand dollars each. About a dozen homes were moderately damaged, and the rest had minor damage. On Highway 120, a delivery truck was pushed over onto a car. Twelve utility poles were replaced. Much of the damage was caused by fallen trees. Peak winds in this tornado were estimated near 100 MPH.

A line of severe thunderstorms produced wind gusts around 60 MPH at many locations in western Kentucky. Numerous trees were blown down, some of which landed on roads and power lines. Wind gusts were clocked at 58 MPH at the Paducah National Weather Service office, and 60 MPH at a Paducah television station. At least 40 places in McCracken County had power lines, tree limbs, or trees across roads. One tree was on a house, and two trees fell on vehicles. A tree fell on a gas line, causing a major gas leak. In Livingston County, a roof was torn off a mobile home on Highway 60 in Burna. Trees were down in about 65 locations in Crittenden County, 8 in Ballard County, and 10 in Hickman County. A tornado with a 2-mile path length occurred near Providence in Webster County. Isolated strong downbursts with winds up to 90 MPH occurred in northwest Kentucky. A couple of miles southwest of Spottsville in Henderson County, peak winds estimated near 90 MPH blew a roof and wall off a mobile home. Utility companies reported about 8500 customers without power in Henderson, Union, and Webster Counties. Some roofs were damaged, mainly by falling trees in Henderson. A barn and grain bins were destroyed one mile east of Henderson. Roofs of two businesses in Henderson were damaged, including the Wal-Mart store. Two or three barns were destroyed in western Henderson County. In northern Hopkins County, straight-line winds near 65 MPH downed a couple dozen trees at Nebo, including one that fell on a house. A mobile home was damaged at Nebo, and trees were down north of Hanson. The most widespread damaging winds were north and west of a line from Murray (Calloway County) to Central City (Muhlenberg County). West of Murray, fallen trees blocked Highway 121. In the Land-Between-The-Lakes National Recreation Area, the Turkey Bay off-road vehicle area was closed due to tree damage.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSOURI, Southeast

Wayne County

.1 S Leeper to
.1 SE Leeper

01	0324CST	0.2	50	0	0	5K		Tornado (F1)
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A short-lived tornado with estimated winds from 80 to 90 MPH struck the south side of Leeper. A storage shed roof and a few carports were damaged. Roofs of two mobile homes were damaged. A poorly constructed outbuilding that housed semi-trailers was destroyed. Two large trees and several large tree limbs were down.

Bollinger County

3 N Patton Jct to
3.3 NNE Patton Jct

25	1655CST 1656CST	0.5	50	0	0			Tornado (F0)
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This weak, short-lived tornado was photographed by a trained spotter. The tornado touched down in open country and caused no known damage.



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

Hopkins County

.6 W Hanson to
.3 SE Hanson

01

1926CST
1930CST

0.9

50

0

0

Tornado (F0)



This is one of several photos of the weak tornado near Hanson.

The weak tornado, with peak winds near 60 MPH, was well-photographed and videotaped. The tornado touched down in the vicinity of Highways 260 and 1069 and lifted as it crossed the Pennyriile Parkway. No damage could be located by witnesses or by National Weather Service personnel who surveyed the area.

Multiple severe thunderstorms moved across the Pennyriile region of western Kentucky during the early evening. The most significant severe storms moved across the Ohio River from Gallatin County, Illinois and through Union, Webster, and Hopkins Counties. One of these storms exhibited strong rotation as it moved across all three of these counties, producing a well-defined wall cloud and occasionally a funnel cloud. A funnel cloud briefly touched ground north of Madisonville in Hopkins County. Otherwise, the main result of the severe storms was isolated large hail, up to golf-ball size in western Union County.



National Weather Service

Storm Data and Unusual Weather Phenomena



October 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Union County

1.8 ENE Wayside to 2.3 ENE Wayside	18	1816CST 1819CST	0.5	50	0	0	4K		Tornado (F1)
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The tornado touched down in the extreme northeast corner of Union County, only about one-half mile from the Johnson County line. A metal machine shed was destroyed. The television antenna on a nearby home was blown down. Branches were blown down, and a few trees were snapped. The estimated winds were around 75 MPH. The tornado moved into northwestern Johnson County.

Johnson County

4.5 NW Goreville to 3.3 NNW Goreville	18	1819CST 1825CST	2.5	50	0	1	10K		Tornado (F1)
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From Union County, the tornado crossed into extreme northwest Johnson County, only about a half mile south of the Williamson County line. The tornado then moved northeast into Williamson County where Interstate 57 crosses the county line. A semi was overturned on Interstate 57 less than a mile south of the Interstate 24 interchange. The driver was injured. Peak winds along this portion of the tornado path were around 75 MPH.

Williamson County

1 WSW Pulleys Mill to Pulleys Mill	18	1825CST 1828CST	1.5	75	0	0	25K		Tornado (F1)
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The tornado entered Williamson County from Johnson County where Interstate 57 crosses the county line. The tornado passed less than a half mile south of the junction of Interstates 24 and 57. The tornado was only on the ground for about a mile in Williamson County before turning back southeast into Johnson County near Route 37. In the community of Pulleys Mill, dozens of large trees were topped or uprooted, one home received partial roof damage, and a garage roof was peeled. Utility poles and lines were downed. Peak winds along this segment of the tornado were estimated near 80 MPH.

Johnson County

3 N Goreville to 4 ENE Goreville	18	1828CST 1835CST	4.3	250	0	2	500K		Tornado (F2)
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The tornado turned east-southeast from Williamson County back into Johnson County. The bulk of the damage and injuries occurred in a neighborhood on the southern half of the Lake of Egypt. The two injured persons were mobile home residents whose homes were demolished. One of the mobile homes was swept clean off its foundation. The demolished home was deposited 50 to 100 yards away. The 32-year-old male occupant of the mobile home, who was ejected from the home, received numerous bruises and cuts. A female resident of another mobile home was injured. In total, three mobile homes were destroyed, and dozens of mobile homes, barns, and sheds were damaged. Rescue efforts were hampered by a large amount of tree debris on roads. Peak winds in the Lake of Egypt neighborhood were estimated near 120 MPH. The tornado lifted as it reached the southeast side of the Lake of Egypt. The parent thunderstorm produced another tornado in northern Johnson County only a few miles beyond where this tornado lifted.

Johnson County

3 N Tunnel Hill to 3 E Ozark	18	1843CST 1855CST	8	100	0	0	50K		Tornado (F1)
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This tornado touched down less than ten minutes after an earlier tornado in northern Johnson County lifted. Both tornadoes were produced by the same supercell thunderstorm. The tornado tracked entirely across Shawnee National Forest land, causing extensive tree damage. Near the touchdown point, a mobile home was destroyed, and another mobile home was damaged. In the community of Ozark, the general store received extensive roof damage. Branches were blown down in the community, and large trees were down 1 to 2 miles east of Ozark. The tornado strengthened to F-2 intensity after crossing into Pope County.



National Weather Service

Storm Data and Unusual Weather Phenomena



October 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Pope County

1.5 SW Abbott to 2 N Eddyville	18	1855CST 1904CST	6	300	0	0	150K		Tornado (F2)
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This tornado entered Pope County from Johnson County in a remote area of the Shawnee National Forest. Most of the track was through heavily forested areas, causing extensive tree destruction. The tornado reached its peak intensity about a mile northeast of Bell Smith Springs, a scenic river gorge about 4 miles northwest of Eddyville. Peak winds were estimated near 120 MPH. Near the end of the damage path, just as the tornado was reaching Illinois Route 145, a mobile home was damaged

A supercell thunderstorm organized over southern Jackson County, then spawned a tornado as it moved east along the Union/Williamson County line. This supercell continued east-southeast across northern Johnson and northern Pope Counties, producing two significant tornadoes and large hail. Although the storm exhibited strong rotation as it continued east through Hardin County and across the Ohio River into Kentucky, no additional tornadoes were reported there.

KENTUCKY, Southwest

Caldwell County

5 NE Princeton to 5.3 NE Princeton	14	1600CST 1601CST	0.3	100	0	0	50K		Tornado (F1)
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A residence on Fairview Church Road sustained major damage when it was struck by a large tree. There was severe roof damage, and much of the home's interior was damaged. Part of the ceiling collapsed, and the foundation was cracked. Other large trees landed across the driveway and demolished a fence. At a neighboring house, the wind bent a TV antenna and downed multiple trees. A swing set at another neighboring house was crushed by a large tree limb. Maximum winds in the tornado were estimated near 80 MPH.

Calloway County

3 NW Hazel to 3.1 NNW Hazel	18	1914CST 1915CST	0.2	50	0	0	5K		Tornado (F0)
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Some trees and power lines were downed by this weak, short-lived tornado

MISSOURI, Southeast

Bollinger County

6.4 NNE Patton to 6.5 NNE Patton	18	1651CST	0.2	50	0	0			Tornado (F0)
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A trained spotter and other witnesses observed a brief tornado touchdown along Highway KK, near the Perry County line. The tornado occurred in a wooded area. No damage was found, other than some broken small tree branches.

A few supercell thunderstorms moved east across southeast Missouri. The storms exhibited strong rotation for sustained periods of time. The first supercell moved east across northern Wayne County, southern Bollinger County, and southern Cape Girardeau County. This storm produced hail up to the size of golf balls and a rotating wall cloud. The second supercell tracked east along the Bollinger/Perry County line, producing a brief tornado and hail up to the size of tennis balls. A third supercell thunderstorm moved east through Stoddard County, producing a funnel cloud.

Scott County

.1 NE New Hamburg to .2 NE New Hamburg	26	1609CST 1610CST	0.1	100	0	0	100K		Tornado (F1)
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The very short track of this tornado was all in the northeast part of New Hamburg. The tornado touched down about 100 yards east of Highway A. Two homes received major roof damage, along with some structural damage. About 100 yards east of the two homes, a bed-and-breakfast business was destroyed. Another building lost its roof and two walls. A pole barn, a 100-year-old barn, and a wood silo were all destroyed. The barns contained antique farm equipment and a horse-drawn carriage that were destroyed. A dog



National Weather Service

Storm Data and Unusual Weather Phenomena



October 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Southeast

was killed when the tornado destroyed the shed it was in. Several cars were damaged. Power was out to most or all of the town. A number of trees were topped. Peak winds were estimated near 110 MPH.

Scott County

4 NE New Hamburg to 4.2 NE New Hamburg	26	1616CST 1617CST	0.3	50	0	0	Tornado (F0)
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A trained spotter observed the weak tornado crossing Interstate 55. A few tree limbs were blown down. Due to the lack of damage along the tornado's path, the touchdown and lift-off points were estimated.

A supercell thunderstorm formed near a warm front, and then moved east along it. The storm produced two known tornadoes and some wind damage in Scott County, then crossed the Mississippi River into Illinois



National Weather Service

Storm Data and Unusual Weather Phenomena



January 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Pulaski County

**1 SE Pulaski to
2 N Grand Chain**

13	0305CST 0313CST	11	100	0	0	70K	Tornado (F1)
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A grain bin was blown over, and about a half dozen sheds and outbuildings were damaged or destroyed. Numerous trees and large limbs were blown down. An older mobile home was destroyed 3 to 4 miles west of Grand Chain. Peak winds were estimated near 75 MPH. Structural damage was minimal due to the very rural nature of the area.

Thunderstorms produced isolated wind damage and a tornado across southern Illinois. The tornado and most of the wind damage was produced by a thunderstorm cell that entered southern Illinois near Cairo, then tracked northeast across Pulaski and Johnson Counties.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Jefferson County

2 SW Nason to
Ina

12 1812CST
1820CST 4.4 50 0 0 Tornado (F0)



Photo of the Rend Lake tornado, taken looking northeast from the town of Sesser. Photo by Deon Seiler.
This tornado, which was videotaped and well-photographed, was over Rend Lake during most of its existence. Tree limbs were blown down south of Nason, as well as near Ina. Peak winds were estimated near 65 MPH.

A supercell thunderstorm developed along the western Franklin/Jefferson County line, then moved east along the county line. The storm produced copious amounts of large hail, up to the size of nickels, along with a weak tornado that lasted about 8 minutes.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Southwest

Christian County

Kelly **19** **1828CST** **0.2** **50** **0** **0** **15K** **Tornado (F1)**

An unoccupied mobile home was damaged. The mobile home was unroofed and pushed off its foundation. The tin roof on a garage was partially blown off. A garage door was pushed in, and another large garage door was blown out. Tin and other lightweight materials were blown several hundred feet. Peak winds in this very short track tornado were estimated near 80 MPH. Several witnesses reported their observations to local law enforcement official.

Christian County

**5.5 NE Pembroke to
5.6 NE Pembroke** **19** **1838CST
1839CST** **0.1** **100** **0** **0** **100K** **Tornado (F1)**

A funnel cloud skipped along the ground near the Christian/Todd County line. This was the first of two touchdowns of the same tornado. Along U.S. Highway 68 just inside Christian County, near the Jefferson Davis Monument State Historic Site, a few sheds and small buildings were unroofed. Numerous trees were blown down. This first touchdown in Christian County was about 1/8 mile long and 100 yards wide. Peak winds were estimated near 80 MPH. About a mile to the east in Todd County, there was a second brief touchdown of this tornado.

Todd County

**8 WNW Elkton to
7.9 WNW Elkton** **19** **1839CST
1840CST** **0.1** **100** **0** **0** **150K** **Tornado (F1)**

The tornado skipped along the ground from Christian County into Todd County. This second touchdown occurred about a mile east of the Christian County touchdown. Along U.S. Highway 68 just inside Todd County, a garage and a small building were unroofed. Building debris was blown through a truck window. A piece of wood was impaled into a portable plastic tank. Numerous trees were blown down. This touchdown was about 1/8 mile long and 100 yards wide. Peak winds were estimated near 80 MPH.

A supercell thunderstorm tracked east across northern Christian County and into Todd County. Trained spotters reported a long-lived funnel cloud associated with this storm, as well as large hail from nickel to half-dollar size. The funnel cloud reportedly skipped along the ground. Damage surveys indicated only a few brief touchdowns. Another severe thunderstorm followed quickly on the heels of the first, producing nickel-size hail on U.S. Highway 68 at the Christian/Todd County line.



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

ILLINOIS, South

White County

.2 ENE Norris City to .4 ENE Norris City	15	1310CST	0.2	50	0	0			Tornado (F0)
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A short-lived, weak tornado was observed by the general public between the municipal reservoirs. No damage was reported.

Massac County

2.5 WNW Metropolis to 2.4 WNW Metropolis	15	1334CST	0.1	50	0	0			Tornado (F0)
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A weak, short-lived tornado was reported crossing the Ohio River. No damage was observed.

Saline County

.2 NW Harco to .2 N Harco	15	1532CST	0.2	50	0	0			Tornado (F0)
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A weak, short-lived tornado was reported by a trained spotter. The spotter reported the tornado over reclaimed strip-mine property. No damage was located.

INDIANA, Southwest

Vanderburgh County

4.5 SW Cypress to 2 SE Cypress	06	0145CST 0150CST	4.2	400	0	0	150K		Tornado (F3)
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This tornado first crossed into Vanderburgh County, Indiana from Henderson County, KY at a peninsula formed by the Ohio River just west of Henderson. This peninsula is Ohio River bottomland primarily used for farming. From the air, scour marks were clearly visible on farmland. There were very few structures impacted in this small part of the county. A two-story house built in 1875 sustained major roof damage. Tree branches were embedded into the house. One farm equipment shed was demolished, and another sustained major damage. A 10,000-pound truck was flipped over. Heavy farm equipment was moved several feet. The tornado crossed the Ohio River back into Henderson County in a sparsely populated flood plain, used mostly for farming.

Vanderburgh County

2.5 S Evansville to 5 ESE Evansville	06	0154CST 0203CST	5	400	20	200	15M		Tornado (F3)
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National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

INDIANA, Southwest

This photo of the deadly F-3 tornado was taken by a webcam at Deaconess Women's Hospital in Evansville during a lightning flash.

The tornado crossed into Vanderburgh County from Henderson County, KY a second time near Ellis Park, a horse-racing facility off U.S. Highway 41. The tornado moved rapidly east-northeast at close to 60 MPH, staying a mile or less south of Interstate 164 and the southern city limit of Evansville. Twenty people perished at a large mobile home park on the south side of the interstate. Of about 350 mobile homes in the park, 100 were destroyed and another 125 were damaged. Many of the destroyed homes were obliterated. The coroner reported that most of the victims were probably killed instantly, many by spine and skull fractures. Several bodies were carried almost two hundred yards. Several of the fatally injured persons were found in a nearby retention pond that was drained to find victims. An 8-year-old child was found alive in a ditch after being trapped under debris for about 12 hours. One person, who was thrown 150 feet, died of complications from tornado injuries on December 17. The tornado exited into Warrick County at the Angel Mounds State Historic Site, just south of Interstate 164. M5MH, M25MH, F56MH, M59MH, F6MH, M26MH, F46MH, F31MH, M28MH, F60MH, M2MH, F61MH, F46MH, M38MH, M54MH, F78MH, M64MH, F67MH, F28MH, F45MH

Warrick County

**2.5 W Newburgh to
2 NE Tennyson**

06	0203CST 0222CST	21	500	4	30	65M	Tornado (F3)
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This tornado, which crossed into Warrick County from Vanderburgh County just south of Interstate 164 (at Angel Mounds), crossed the entire county in less than 20 minutes. The tornado reached its peak intensity in Warrick County, where winds reached about 200 MPH. The peak winds occurred along Highway 261 and Lincoln Road, in an industrial park near Paradise, and in DeGonia Springs. As the tornado passed south of Boonville, the county seat of Warrick County, a teenage girl was killed in a vehicle. In the community of DeGonia Springs, three persons in a mobile home were killed. One of the victims was a woman who was 8-months pregnant. From the north side of Newburgh to DeGonia Springs, houses were severely damaged or destroyed, and vehicles were tossed. Some of the tornado victims were moved 40 feet or more. The tornado passed just to the south of Tennyson before exiting into Spencer County. M33MH, F28MH, M4MH, F18VE

Spencer County

**3.8 SW Gentryville to
1.5 SSW Gentryville**

06	0222CST 0224CST	2.5	50	0	0	10K	Tornado (F0)
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The tornado crossed into Spencer County from Warrick County just before dissipating. Some tin and insulation was found in a field at the end of the tornado track. The tornado was estimated to have weakened to F-0 strength shortly before it entered Spencer County.

This was the deadliest tornado in Indiana since April 3, 1974. This tornado tracked a total of 41 miles from Henderson County, KY into Spencer County, IN. A total of at least 500 homes and buildings were destroyed or severely damaged. Much of the damage was upper F-2 to lower F-3 intensity. Although the tornado was up to 500 yards wide, the average path width was 275 yards. Of the approximately 230 injuries, 20 were critical, and 63 resulted in hospital admissions. This tornado was the more northern tornado of a pair of strong supercell tornadoes that occurred simultaneously. The southern tornado occurred in Crittenden and Webster Counties of Kentucky.

KENTUCKY, Southwest

Henderson County

**2 NNW Smith Mills to
5.5 NE Smith Mills**

06	0139CST 0145CST	5.5	400	0	0	100K	Tornado (F3)
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The tornado first touched down in northwest Henderson County and moved rapidly east-northeast across Ohio River bottomland. This fertile bottomland, used primarily for farming, was sparsely populated. A well-defined swath of snapped and uprooted trees was visible by air. An isolated farm house a few miles northeast of Smith Mills was destroyed. A pickup truck at the house was thrown into a field and destroyed. Due to the winding course of the Ohio River, which forms much of the Kentucky/Indiana border, the



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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KENTUCKY, Southwest

tornado crossed the river three times. The first crossing was into a peninsular section of Vanderburgh County, Indiana.

Henderson County

**3 N Henderson to
5 NNE Henderson**

06	0150CST 0154CST	3.1	400	0	8	7M	Tornado (F3)
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The tornado that would cause mass casualties in the Evansville, Indiana area crossed the Ohio River a second time. This second crossing was from Vanderburgh County, Indiana into Henderson County. The tornado then crossed the river a third time less than a mile west of the U.S. Highway 41 twin bridges. The river does not form the state line at the third crossing. From the bridges, extensive tree damage was visible along both sides of the Ohio River. Almost immediately after crossing the river, the tornado slammed into a horse racing facility named Ellis Park. There was extensive damage to grandstands and housing facilities for jockeys. A few race horses were killed. This facility was the first major facility to be impacted by the tornado. All of the Henderson County tornado injuries were at Ellis Park. The tornado then crossed back into Vanderburgh County, Indiana after striking Ellis Park.

Crittenden County

**2 NW Mattoon to
3 NE Nunn**

06	0146CST 0155CST	6.2	150	0	5	300K	Tornado (F3)
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The tornado touched down one quarter mile west of Highway 654 and moved rapidly east-northeast. A mobile home on Highway 654 was overturned and destroyed, injuring a 12-year-old boy. A house roof was blown off. Where the tornado crossed Highway 365, a two-story home was completely demolished. The home exterior was mainly vinyl with some brick. Three persons in the house were injured. Two of the injured were treated and released, but a third person was critically injured and transferred to an Evansville hospital. The tornado was estimated to be at its strongest near Highway 365, with peak winds of 160 MPH. A small boat was carried about 400 yards, and several vehicles were moved. After crossing Highway 365, the path was roughly parallel to and less than a mile north of U.S. Highway 60. The tornado crossed Highway 60 and exited into Webster County about a mile northeast of Arlack Hill. Where the tornado crossed U.S. Highway 60, a truck trailer was overturned, and a house roof was damaged. Along the entire length of the path, numerous large trees were snapped or uprooted.

Webster County

**1 NNW Blackford to
Wheatcroft**

06	0155CST 0202CST	5	150	0	0	75K	Tornado (F2)
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The tornado crossed into Webster County from Crittenden County and moved rapidly east-northeast. The track ended on the north side of the community of Wheatcroft. Most of the damage occurred along and near Highway 109 around Wheatcroft, the only community directly affected by the tornado. West of Wheatcroft, there was slight structural damage, and trees were snapped. A large shed door was blown off, and pillar columns on a house were bent. On the north side of Wheatcroft, a tool shed was destroyed and two campers were overturned. A pickup truck without an engine was rolled about 200 feet. The hood of the truck went through a window. Smaller trees and a house antenna were blown down.

The Crittenden/Webster County tornado was one of a pair of strong supercell tornadoes that occurred simultaneously. This tornado, which was the more southern tornado, was shorter-lived and somewhat weaker than its northern counterpart. The northern tornado caused considerably more destruction and loss of life in the Henderson, KY and Evansville, IN areas

Mccracken County

Rossington

15	1330CST	0.2	50	0	0		Tornado (F0)
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A brief, short-lived tornado was reported. No damage was reported.

Graves County

**3 S Mayfield to
.5 ENE Golo**

15	1345CST 1355CST	9	275	0	0	50K	Tornado (F1)
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This long-track tornado produced only light to moderate damage during the first nine miles of its track in Graves County. Some



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

garages and outbuildings were damaged. Trees were blown down. The tornado first touched down near the South Highland Country Club. The tornado entered the northwest corner of Calloway County near Golo.

Calloway County

**3 NNW Backusburg to
3.1 N Backusburg**

15	1355CST 1356CST	1	275	0	0	2K	Tornado (F1)
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The tornado clipped the northwest corner of Calloway County as it passed from Graves County into southwest Marshall County. The strength of the tornado was still relatively weak, with mainly tree and outbuilding damage.

Marshall County

**2 SW Brewers to
6.5 ENE Briensburg**

15	1356CST 1427CST	19.5	500	1	20	8M	Tornado (F3)
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Photo of the tornado during its peak intensity in eastern Marshall County, not far from Moor's Resort along Kentucky Lake.

The long-track tornado entered Marshall County from extreme northwest Calloway County. As the tornado moved quickly northeast across Marshall County, it reached its peak intensity of 200 MPH as it approached the Kentucky Lake resort campgrounds and boatyards. Until the tornado reached U.S. Highway 641 south of Benton, mostly F-1 damage occurred. Garages and barns sustained varying degrees of damage, and numerous trees were down. The most serious damage, ranging up to F-3 intensity, occurred from Big Bear Highway to Moor's Resort on Kentucky Lake. The occupant of a destroyed mobile home was killed in this area. The mobile home was thrown 40 feet and overturned before catching fire. At Moor's Resort, a year-round camping area was struck directly. A total of 115 RV's were destroyed, and the campground was devastated. A dock was demolished, taking a number of boats with it. Although the harbor and campground were destroyed, cabins and other lodging facilities outside of the tornado path were untouched. The average path width of this tornado was 275 yards, but it grew to a maximum of 500 yards in Marshall County. In Marshall County, approximately 19 homes were destroyed, 36 suffered major damage, and 65 received minor damage. The tornado then moved over Kentucky Lake and crossed into Lyon County. M63MH

Lyon County

**9.5 SSW Kuttawa to
Saratoga**

15	1427CST 1450CST	14.5	275	0	0	500K	Tornado (F2)
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The tornado entered Lyon County from Marshall County as it crossed Kentucky Lake. The tornado reached the lakeshore at Hillman Ferry campground, within the Land Between The Lakes (LBL) National Recreation Area. The tornado then moved east-northeast across the forests of LBL, producing a narrow swath of downed trees. After exiting LBL and crossing Lake Barkley, the tornado



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

struck a subdivision on the east side of the lake. Damage to the well-constructed homes in this subdivision was estimated to be the result of F-2 winds. The tornado proceeded east-northeast across Interstate 24, passing near the 46-mile marker, before lifting at the community of Saratoga.

The total path length of the tornado across Graves, Calloway, Marshall, and Lyon Counties was 44 miles. Estimated time on the ground was 65 minutes.

Caldwell County

1.7 S Princeton

15	1501CST	0.2	50	0	0				Tornado (F0)
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This weak, brief tornado downed several trees.

Hopkins County

**1.5 SW Earlington to
7 E Hanson**

15	1527CST 1550CST	15	800	0	40	31M			Tornado (F4)
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Photo of the Hopkins County tornado, taken from a school near Earlington. Photo taken by Leonard Costanzo.

This violent tornado reached its peak intensity on the north side of Earlington, near the beginning of its track. Peak winds there were estimated near 220 MPH. Several houses in this area, on either side of U.S. Highway 41, were levelled. Large oak trees were reduced to nubs, and the ground was scoured to bare dirt. A steel beam was carried some distance and became wedged against trees and other debris. 24 people were treated for injuries at a local hospital, and three of the injuries were critical. About 151 homes and buildings were destroyed, 67 suffered major damage, and 303 received minor damage. Damage indications, as well as eyewitness accounts, indicate the occurrence of multiple vortices near Earlington. The tornado continued northeast and weakened, crossing the Pennyrite Parkway at mile marker 41. The tornado lifted less than a mile from the Mclean County border. The average path width was 525 yards. The tornado was close to a half mile wide in places.

Mclean County

**3 ENE Calhoun to
3.2 ENE Calhoun**

15	1604CST	0.2	50	0	0	3K			Tornado (F1)
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The front porch of a house was blown off. An outbuilding behind the house was moved slightly. Peak winds in this short-lived tornado were estimated near 75 MPH. This tornado was spawned by a supercell thunderstorm with a history of long-track tornadoes across western Kentucky, including the F-4 in neighboring Hopkins County.

Daviess County

**1 NW Utica to
1.2 N Utica**

15	1612CST	0.2	50	0	0				Tornado (F0)
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A weak tornado was photographed as it briefly touched down in open fields. No damage was reported. This tornado was spawned by



National Weather Service

Storm Data and Unusual Weather Phenomena



November 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

a supercell thunderstorm with a history of long-track tornadoes across western Kentucky, including the Hopkins County F-4 tornado

MISSOURI, Southeast

Ripley County

4 SW Gatewood to 6.2 ESE Gatewood	05	2239CST 2255CST	7.4	250	0	0	75K		Tornado (F2)
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The tornado entered southwest Ripley County from Oregon County. A home and a barn received extensive damage in the community of Tucker, near where the tornado reached its peak intensity and width. Peak winds were estimated near 120 MPH. Average path width was 150 yards.

New Madrid County

4 ESE Matthews to 4 E Matthews	15	1237CST	0.2	50	0	0			Tornado (F0)
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A brief, short-lived tornado was observed over open farm country. No damage was reported.

Mississippi County

1 NW East Prairie to 1 NNW East Prairie	15	1244CST	0.2	50	0	0			Tornado (F0)
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A brief, short-lived tornado was reported over open farm country. No damage occurred.

New Madrid County

3.8 SW Lilbourn to 3.6 SW Lilbourn	15	1430CST	0.2	50	0	0	10K		Tornado (F0)
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An old equipment shed was destroyed. Near the shed, a couple of power lines were down and a good sized, but partially rotten tree was snapped off about halfway up. The damage was located on Highway 62, 3.5 miles west of the Highway 61/62 junction. Peak winds were estimated at 70 MPH.

New Madrid County

1 SW Lilbourn to Lilbourn	15	1435CST 1437CST	1	75	0	2	60K		Tornado (F1)
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A couple of mobile homes were pushed off their foundations several feet. Several projectiles were embedded in one of the mobile homes. A considerable amount of debris was stuck in the trees in the area. Numerous trees were either topped or blown down. A minivan was turned slightly while parked. A couple of small outbuildings were damaged or destroyed. Near the end of the tornado track, a couple of farm trailers and a couple of empty semi trailers were overturned. Peak winds were estimated near 80 MPH. The tornado lifted south of Highway U near the railroad tracks.

Ripley County

3 S Gatewood to 2.5 NW Briar	27	2230CST 2242CST	12	250	1	0	250K		Tornado (F2)
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The tornado destroyed a permanent home and a mobile home. Major damage occurred to two other permanent homes. The sole fatality occurred about midway between Gatewood and Briar, where a two-story house was destroyed. The victim was sleeping on the second floor at the time. His body was found in a field about 75 yards from the residence. Two people on the first floor of the house escaped from under the debris without injury. Two mobile homes were unroofed. Many trees were snapped or uprooted. Several trees blocked U.S. Route 160 where the tornado crossed it. Much of the tornado's path was in the Mark Twain National Forest. The average path width was 200 yards. Peak wind speeds were estimated near 140 MPH. The strongest winds and widest path extended from near Tucker to the destroyed house (midway between Briar and Gatewood).

M62PH



National Weather Service

Storm Data and Unusual Weather Phenomena



February 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Southeast

Scott County

.7 NE Benton to 1.2 NE Benton	16	1918CST 1920CST	0.5	225	0	0	100K	Tornado (F1)
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Several structures were damaged. A large shed was levelled. Partial roof damage occurred to another shed and a house. Several large trees were snapped or uprooted. Various objects were impaled into a house and a garage. Most of the damage occurred on Highway E. Peak winds were estimated near 110 MPH.



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Perry County

3 NW Cutler to
4 NNW Tamaroa

11	2215CST 2243CST	20	300	0	2	1.2M		Tornado (F2)
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The tornado entered Perry County, IL from Randolph County about 1.5 miles south of Highway 154. The Perry County segment of the tornado was rated at its maximum intensity and width shortly after crossing the county line. Shortly after crossing into Perry County, some coal trucks were blown over, and a modular home was totally destroyed on Route 154 near Route 150. Two persons in the home were trapped inside for a time, but they sustained only minor injuries that were treated at a local hospital. Route 150 was closed for 12 hours due to downed trees and power lines. Within a few miles of the destroyed modular home, some hogs were killed at a hog farm, and an empty grain bin was picked up and blown 100 yards into a field. Several eyewitnesses at this location reported two funnels. As the tornado continued its northeast movement, passing northwest of Pinckneyville, it weakened to F1 intensity. Near where it crossed Illinois Route 13, trees were uprooted, roofs were blown off, and power poles were snapped. Siding was blown off a house. Near the end of the tornado track, just northwest of Tamaroa, a metal building was destroyed. Debris from the building was blown about 400 yards. A nearby house lost all of its shingles. Along the 20-mile path through Perry County, dozens of barns and outbuildings were severely damaged or destroyed. Dozens of homes sustained varying degrees of damage, ranging from minor to major. Hundreds of trees were uprooted or snapped. Peak winds on this county segment were estimated at 140 MPH, mainly near the Randolph County line. The average path width was close to 200 yards. A deputy sheriff reported a tornado crossing U.S. Highway 51 north of Tamaroa. This was the last evidence of the tornado, which likely dissipated as it crossed Route 51.

Wayne County

3.5 SSW Keenes to
2.5 SSW Keenes

11	2326CST 2330CST	1	600	0	0	70K		Tornado (F1)
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The tornado began at a place called Middleton in rural southwest Wayne County. A calf was injured after being picked up and thrown against a barn. A few mobile homes were overturned. Swirl marks were still visible in a field four days after the tornado. An old schoolhouse was destroyed, mostly due to a large tree falling on it. Numerous very large trees were uprooted and snapped. Boards were impaled into the ground. One home received extensive roof damage. Two barns were destroyed, and several barns were damaged. Shingles were blown off roofs. There were several eyewitness accounts of the tornado. Peak winds were estimated near 110 MPH. Average path width was 250 yards.

Massac County

1.3 WSW Boaz to
.5 S Boaz

12	0531CST 0534CST	0.9	50	0	0	50K		Tornado (F0)
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The continuous path of damage that began near Ullin in Pulaski County became tornadic as it crossed into Massac County. The damage path extended only about a mile into extreme northwest Massac County. The damage ended near State Route 169 at Boaz Road. Dozens of trees were snapped or uprooted. Two barns were destroyed, and a side wall of a third barn was blown out. Power poles were snapped or blown down along Highway 169. A mobile home near Boaz was unroofed and severely damaged. A citizen reported seeing the tornado. Peak winds were estimated near 70 MPH.

MISSOURI, Southeast

Stoddard County

1.2 WNW Dexter to
1.1 NW Dexter

09	1744CST 1747CST	1.2	175	0	0	900K		Tornado (F1)
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The tornado nearly paralleled U.S. Route 60 in a commercial district just north of downtown Dexter. At the beginning of the damage path, a Wal-Mart store and a car dealership were struck. The Wal-Mart sustained significant damage to its roof and auto shop bay



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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MISSOURI, Southeast

doors. Between the Wal-Mart and the car dealership, light standards anchored by concrete three feet into the ground were pulled out. At the car dealership, about 50 cars were damaged by wind-blown debris and hail, with windows broken. At a mobile home dealership, an unsecured mobile home trailer was turned on its side and pushed next to another trailer. A church lost its steeple and 4 to 6 feet of its roof, and brick fascia was damaged. A second church near Highway 60 sustained damage to the upper portions of the front wall. A restaurant next to the church sustained structural damage when the upper portion of a wall was blown in. Two residences received moderate damage, and a heavy equipment shed was blown down. A motel reported that eight units lost parts of their roofs. Several billboards on Highway 60 were heavily damaged. A utility pole was snapped off. Peak winds were estimated near 80 MPH. Much of the damage occurred underneath the location of a funnel cloud that was photographed by a citizen. The condensation portion (or visible portion) of the funnel cloud was not touching ground in the photo. A second weaker and shorter-lived vortex touched down within a mile to the north-northwest, causing relatively slight damage to a few structures.

Perry County

**4.8 WNW Brewer to
4.8 NW Mc Bride**

11	2120CST 2147CST	7	400	2	10	1M	Tornado (F3)
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The tornado entered Perry County from Ste. Genevieve County near Highway NN and just west of the community of Giboney. The tornado moved northeast, crossing Interstate 55 only about one-half mile from the Ste. Genevieve County line. Two fatalities and F3 damage occurred in the vicinity of where the tornado crossed U.S. Route 61. The two fatalities occurred on U.S. 61, where a vehicle was picked up and thrown into a propane tank. The truck in which they were riding was likely picked up, flipped over, and slammed into the ground several times. The coroner stated that the victims died instantly. One of the victims was ejected from the truck, which then struck the top of a large propane tank. Because of the ensuing propane leak, the victim still in the truck could not be removed until the following day, when the propane was off-loaded from the tank. Both of the victims in the vehicle were residents of a mobile home who were trying to flee the tornado. The home from which they fled sustained only minor damage. At least four other people were significantly injured as they were picked up by tornadic winds and hurled 100 yards. Their injuries were compounded by wind-blown debris. Eight victims were admitted to a local hospital to remove debris which penetrated their bodies, and two others were sent to regional hospitals for serious injuries. Three mobile homes were flattened, a brick house had its roof and several walls blown off, and numerous vehicles were tossed around. A total of about a dozen residences were destroyed or severely damaged in Perry County. Perry County was designated a federal disaster area, enabling individual residents to apply for relief. The dashboard camera in a sheriff deputy's patrol car captured the tornado on film as it crossed U.S. 61 at F3 intensity. Peak winds were estimated near 170 MPH. The tornado crossed into Randolph County, Illinois at Old River, near some railroad tracks about 1.5 miles southeast of St. Marys.

M40VE, F49VE



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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INDIANA, Southwest

Pike County

Pikeville to .7 E Pikeville	07	1545CST 1548CST	0.7	75	0	0	120K		Tornado (F1)
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The tornado touched down in Pikeville and moved east, lifting just west of the Dubois County border. Peak winds were estimated near 110 MPH. A mobile home was destroyed when it was picked up and thrown into a barn. The barn was also destroyed. The tornado moved a combine 15 to 20 yards and dropped it on a cow. The cow was killed, and the combine was damaged. Numerous trees were either blown down or snapped off halfway. As the tornado went over a pond, an eyewitness saw water sucked up into the funnel.

KENTUCKY, Southwest

Ballard County

2.5 ENE Gage to 2.6 ENE Gage	02	1831CST	0.1	30	0	0			Tornado (F0)
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A brief tornado touchdown was witnessed by trained spotters and emergency management personnel right near the McCracken County line. The tornado touched down in open farm country along Highway 286. No damage was reported.

Christian County

3 NNE Gracey to 1 SSE Ovil	02	1950CST 2011CST	19.5	700	0	22	35M		Tornado (F3)
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Photo of F3 tornado taken by webcam at Jennie Stuart Hospital in Hopkinsville.

The tornado formed from a long-track supercell that originated in southeast Missouri near Poplar Bluff. The tornado began less than two miles from the Trigg County line with an east-southeast movement, then curved slightly left before crossing Highway 91. The tornado moved east-northeast across central Christian County, passing less than four miles north of downtown Hopkinsville, before crossing into Todd County less than a mile north of Pilot Rock. Near the beginning of the damage path, a church was levelled. Across the county, 91 homes were destroyed, and another 171 homes sustained varying degrees of damage. Several people were pulled from the debris of their homes during a door-to-door search that lasted into the next morning. Of the 22 people directly injured by the tornado, 17 were checked in at the local hospital, and five were transferred to regional hospitals. Another ten or so people received injuries not directly inflicted by the tornado, such as driving into fallen trees. None of the injuries, which consisted mostly of cuts, bruises, and fractures, were considered life-threatening. Numerous garages, barns, and outbuildings were destroyed. Some vehicles were damaged or destroyed. Hundreds of trees were downed, snapped, or uprooted. Power was out to most of the city of Hopkinsville for about six hours as a result of downed steel towers that carry primary transmission lines. Peak winds were estimated near 185 MPH. The average path width was 500 yards. It should be noted that the initial tornado reformed or reorganized



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

about 7 miles northeast of Hopkinsville, leaving a break in the tornado path less than a mile long. Downburst wind damage occurred both north and south of the area where the tornado reorganized, resulting in a two-mile wide swath of damage along Highway 107. The webcam at the local hospital captured the tornado as it passed north of downtown Hopkinsville

Todd County

**3.5 W Allegre to
3 E Cedar Grove**

**02 2011CST
2023CST 10.2 150 0 6 2.5M Tornado (F2)**

The tornado continued into Todd County from Christian County, crossing the county line near Pilot Rock. The tornado passed less than a mile north of the communities of Allegre and Cedar Grove, then dissipated about 2.5 miles before entering Logan County. Although damage was extensive in Todd County, the tornado was at its strongest and widest in Christian County. In Todd County, the tornado produced mainly F1 damage, although the tornado intensified into the lower F2 range near Allegre. A mobile home was destroyed in Allegre, and buildings were destroyed on Highway 171 about two miles north of Allegre. There was extensive damage to a church in Cedar Grove. Half of its roof was blown off, and windows were blown out. A total of two homes in Todd County were destroyed, and 28 other houses were significantly damaged. Close to two dozen sheds and barns were damaged or destroyed, along with at least one grain bin. Numerous trees were uprooted. Some farm machinery and vehicles were damaged or destroyed, including tractors and combines.

Muhlenberg County

**.2 W Moorman to
1.5 E Moorman**

**07 1802CST
1807CST 1.7 150 0 0 40K Tornado (F1)**

One home received damage due to a large tree falling on the roof. The community baseball park was damaged. A blocked building and some fencing was severely damaged. Peak winds were estimated near 85 MPH. The north side of the tornado ran along some railroad tracks which run east to west through the middle of Moorman. The tornado lifted near the Ohio County border.

MISSOURI, Southeast

Scott County

**2 N Sikeston to
2 NNE Sikeston**

**02 1743CST
1745CST 1.5 50 0 0 20K Tornado (F0)**

Several buildings on a farm received minor damage. A roof was damaged.

Mississippi County

2 N East Prairie

30 0939CST 0.2 50 0 0 Tornado (F0)

A landspout between Anniston and East Prairie was witnessed by law enforcement officers. A photograph taken by a resident near East Prairie showed a rope-like funnel extending below a tree line in the distance. The area was open farmland, and no damage was reported.

New Madrid County

2 N Gideon

30 1758CST 0.2 50 0 0 Tornado (F0)

The brief tornado touchdown was reported by a trained spotter in open farmland.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

White County

Phillipstown to 2.5 NE Phillipstown	10	1640CST 1645CST	2.5	50	0	0			Tornado (F0)
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The weak tornado moved northeast across sparsely populated bottomland of the Wabash River. Numerous small tree limbs and isolated large branches were blown down. The parent supercell thunderstorm continued northeast, producing other weak tornadoes in southwest Indiana.

INDIANA, Southwest

Vanderburgh County

.5 S Darmstadt to 5 NE Darmstadt	10	1608CST 1617CST	5.2	75	0	0			Tornado (F0)
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A brief touchdown occurred in a landfill. The tornado tracked northeast through a clump of trees, raising some debris. The tornado lifted for about three minutes and then briefly touched down in an open field. A damage survey indicated numerous small tree limbs down along parts of the intermittent path.

Posey County

.5 E Griffin to 3 ENE Griffin	10	1658CST 1702CST	2.5	60	0	0			Tornado (F0)
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Numerous small tree limbs were blown down in this weak tornado. The path, which was through sparsely populated open farmland, was not continuous. The parent supercell thunderstorm produced other weak tornadoes, including one in White County, Illinois just prior to this one.

Warrick County

2 S Lynnville	10	1708CST	0.2	50	0	0	2K		Tornado (F0)
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A brief touchdown was observed along State Route 61, damaging some power lines. The touchdown was mostly on abandoned strip mine property which was barren. Witnesses reported the funnel bounced along the ground several times. The funnel cloud later touched down again east of Lynnville

Warrick County

3 E Lynnville to 3.2 E Lynnville	10	1717CST	0.2	50	0	0	1K		Tornado (F0)
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The funnel cloud which produced a brief tornado south of Lynnville briefly touched down again. On State Route 68, tops of trees were blown out, and minor debris was thrown into power lines.

Gibson County

2.5 SW Owensville to 1 SE Owensville	10	1722CST 1727CST	2.7	50	0	0			Tornado (F0)
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This was the third and final touchdown in the series that began in White County, Illinois. Small tree limbs were blown down, along with an isolated large limb or two. The damage path through open farmland was not continuous. The parent supercell thunderstorm continued to the northeast, producing a funnel cloud near Fort Branch.

Pike County

1.5 NW Otwell to .8 NE Otwell	25	1506CST 1510CST	2.2	200	0	0	1M		Tornado (F2)
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About five homes were destroyed. Roughly 15 other homes received major damage, primarily to roofs. Some roofs were removed. Two businesses sustained major roof damage. One mobile home was overturned and blown into a neighboring mobile home, causing extensive damage to it. Individuals were trapped in one home, but no injuries were reported. One travel trailer and one tractor trailer were overturned. Numerous trees and power lines were downed, blocking roads into the community. The damage path began just west of the intersection of Highway 356 and County Road 900E. The damage path extended east-southeast, ending just northwest of County Road 250N where it intersects the Dubois County line. Peak winds were estimated near 120 MPH.



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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INDIANA, Southwest

MISSOURI, Southeast

Perry County

1.8 ESE Friedenburg to 2 ESE Friedenburg	21	1147CST	0.2	50	0	0	15K		Tornado (F0)
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At the southeast corner of an area of straight-line wind damage, a weak tornado briefly developed. Hay bales were tossed into a bean field. Downed trees and tree limbs were tossed in different directions. A porch overhang on a house was lifted enough to dislodge the support columns. Damage to siding and shingles occurred. Peak winds were estimated near 70 MPH.



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

Carlisle County

Cunningham	14	1733CST 1734CST	0.2	50	0	0			Tornado (F0)
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A trained spotter witnessed a brief tornado touchdown in a field behind the Cunningham bank. Some trees were blown down



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Massac County

2.5 WNW Metropolis Mu	22	1420CST	3.5	125	0	2	500K		Tornado (F3)
2.5 WSW Round Knob		1427CST							



Photo of a pickup truck that landed in a pond.

This tornado, which contained peak winds near 160 MPH, struck between Joppa and the Metropolis airport. The damage path started about a mile from the Ohio River, where F-1 winds uprooted numerous trees. As the tornado crossed U.S. Highway 45 near Joppa Road, a barn was destroyed. The tornado then strengthened to F-3 intensity, destroying a log home. The roof and an exterior wall of the well-constructed log home were blown about one-half mile. Another house nearby sustained major damage. Four mobile homes were destroyed, along with garages and outbuildings. Part of a double wide mobile home blew into a church sanctuary. Six vehicles were tossed up to 100 yards. At least one of the vehicles landed in a pond. The only two persons injured were residents of a destroyed mobile home. The worst of the injuries was a broken arm. Hundreds of trees were broken or uprooted, and numerous trees fell on cars. Numerous power poles were downed. A seriously injured dog was found in a ditch one quarter mile away. The most intense damage, where vehicles were tossed, occurred about two-thirds of the way along the damage path near Red Oak Road. The tornado was witnessed by the general public. The average path width was 100 yards

Pope County

1.5 SW Bay City to	22	1502CST	2.3	300	0	0	15K		Tornado (F1)
.8 SE Bay City		1506CST							

This tornado originated in Pope County and crossed the Ohio River into Livingston County, Kentucky. Two distinct paths of mainly tree damage were found south of Bay City in Pope County. Both showed signs of convergence, and this appeared to be the result of a multiple vortex tornado. The main damage path was about 300 yards wide with peak winds of 80 MPH. The second damage path was about two-tenths of a mile south of the first path and was about 100 yards wide. Peak winds with this path were estimated near 75 MPH. Mainly tree damage was seen with the second vortex. Citizens reported one tornado crossing the Ohio River into Kentucky. A camper on a bluff in the Shawnee National Forest videotaped the tornado after it crossed the river. A radio tower, numerous trees, and some power lines were down in the Bay City area.



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ILLINOIS, South

Jackson County

10 WNW Gorham to 2 N Murphysboro	22	1525CST 1548CST	19.5	225	0	1	800K		Tornado (F2)
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This tornado crossed the Mississippi River from Perry County, Missouri. The tornado weakened from its maximum F-4 intensity to F-2 intensity by the time it entered Jackson County in the Mississippi River bottomlands near Wilkinson Island. At this location, the wall of an old two-story farmhouse was blown out, and the roof was blown off. Hundreds of trees were broken off. Tree damage was visible across the river in Perry County, Missouri. The path width was estimated to be 200 yards wide on the Jackson County side of the river. Before reaching Illinois Route 3, the F-2 tornado widened to 250 yards and destroyed a mobile home. A resident of the mobile home was sent to the hospital. Nearby, a house was unroofed, and trees were snapped or uprooted. Another house lost a roof that was added on. A swing set was blown 200 yards and wrapped around a mailbox. An empty tractor trailer rig was overturned. An empty grain bin was blown 100 yards into a field. Full grain bins were severely damaged but remained in place. The roof was blown off a brick house. As the tornado crossed Route 3, high tension utility poles were snapped off, hundreds of acres of corn were flattened, and trees were uprooted. Route 3 was closed for nine hours. From Route 3, the tornado proceeded east-northeast through mostly rural areas of the county, including the Kinkaid Lake State Wildlife Area. The tornado weakened to F-0 intensity before reaching Kinkaid Lake. At the Kinkaid Lake marina, about 50 RV's and boats were damaged, and trees were broken off. The tornado finally lifted shortly after crossing Highway 127 north of Murphysboro. The damage along Highway 127 was about 75 yards wide and consisted of broken tree limbs. A state trooper videotaped the tornado before it lifted. Storm chasers also videotaped the tornado. Peak winds where F-2 damage occurred in western Jackson County were estimated near 150 MPH. The average path width was about 150 yards. A total of about six homes were destroyed or severely damaged, and a dozen others were damaged to a lesser degree. Dozens of other non-residential buildings, such as garages, sheds, barns, and carports, were destroyed. Along the path, striations were evident in fields, and scores of utility poles were snapped off. There were numerous reports of debris falling from the sky in neighboring Perry County, Illinois. Debris as large as pieces of siding and roofing was reported in Du Quoin

KENTUCKY, Southwest

Livingston County

Bayou to 1.3 NNE Hampton	22	1506CST 1517CST	7	500	0	0	350K		Tornado (F1)
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The tornado crossed the Ohio River from Pope County, Illinois into Livingston County in densely forested areas interspersed with some farmland. The average width of this upper-end F1 tornado was close to 300 yards. Peak winds were estimated near 110 MPH. One mobile home was destroyed, and roofs were partially torn off two houses. Eighteen homes sustained minor damage, consisting mostly of roofing and siding blown off. Twenty barns were heavily damaged or destroyed. Six silos were destroyed, including two of rebar-reinforced concrete construction. The tornado was videotaped by a camper from a bluff overlooking the Ohio River. The footage was shot from within Pope County, Illinois looking east across the river

Crittenden County

5 WSW Sheridan to Sheridan	22	1527CST 1535CST	5	150	0	0	100K		Tornado (F1)
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Numerous trees were topped or uprooted. One mobile home that was not tied down was destroyed. Several outbuildings were destroyed. Trees fell on the roofs of several homes. Many homes received minor roof damage. Peak winds were estimated near 100 MPH. This tornado was spawned by the same supercell thunderstorm that earlier produced a tornado in Livingston County, and would later produce another tornado in Webster County.



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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KENTUCKY, Southwest

Webster County

1 WSW Dixon to 5 NE Dixon	22	1617CST 1627CST	6	150	0	0	150K		Tornado (F1)
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Most of the structural damage from this tornado occurred in Dixon, where two homes received major damage, and numerous others sustained minor damage. There was extensive roof damage at an apartment building and a grocery store in Dixon. Damage to roofs and outbuildings was the most common type of damage. A total of 28 structures were damaged, mostly due to falling trees. All along the tornado path, numerous trees were uprooted or topped, and some utility poles were snapped. Some trees fell across roads, blocking them. Kentucky Highway 138 was blocked for a time. Other trees fell on structures such as the grocery store in Dixon. Peak winds were estimated near 110 MPH. In Dixon, a wind gust to 111 MPH was measured by the deputy emergency management director using Davis wind equipment. This tornado was spawned by the same supercell thunderstorm that produced a tornado in Crittenden County.

Daviess County

2 WNW Whitesville to 2 ESE Whitesville	22	1838CST 1846CST	4	75	0	0	75K		Tornado (F1)
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The tornado touched down and lifted several times. The tornado skipped along Kentucky Highway 54 through the town of Whitesville. Several small outbuildings were destroyed. Several telephone poles were snapped off. Generally minor roof damage occurred to several houses. A mobile home and a modular home had extensive roof damage. Peak winds were estimated near 80 MPH.

Graves County

5 E Sedalia to 5.2 E Sedalia	22	2306CST 2307CST	0.2	40	0	0			Tornado (F0)
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The weak tornado briefly touched down in an open, rural area. Minor vegetative debris was observed on the ground, including a downed large tree. Peak winds were estimated near 60 MPH.

Ballard County

1 SE Oscar to 2 E Oscar	23	0916CST 0918CST	2	50	0	0	40K		Tornado (F1)
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Damage indications as well as eyewitness accounts indicated multiple touchdowns of the funnel. The damage path was not continuous. One house received roof damage, and a tree limb fell on the porch. Two empty grain bins were blown away. One empty bin was blown a quarter mile. An auger was damaged. A nearly full propane tank was rolled off its blocks. A damage path was visible through a soybean field. Two large pecan trees were snapped at ground level. Sporadic tree damage was seen further down the path of the tornado. Peak winds were estimated near 85 MPH.

MISSOURI, Southeast

Perry County

9 WSW Silver Lake to 3 WSW Silver Lake	22	1449CST 1458CST	6	400	0	0	150K		Tornado (F2)
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The tornado entered Perry County from the extreme southeast corner of St. Francois County. The tornado was at its strongest along and north of County Road 738, shortly after entering Perry County. In this area, the damage path was about 400 yards wide, and peak winds were estimated near 120 MPH. A farm building was levelled, roofs were torn off houses, and dozens of acres of trees were flattened. The tornado weakened to F-1 intensity as it crossed Highway BB, where nearly 100 trees were uprooted and roofs were partially damaged. The path width was estimated around 200 yards at Highway BB. As the tornado continued east across County Road 730, a barn was destroyed, and dozens of trees were down. The path width was about 100 yards when the tornado reached Lake Perry, close to where it lifted along Highway T. At a campground on Lake Perry, recreational vehicles were overturned and damaged by falling trees. The path ended southwest of Silver Lake at Highway T. The average path width was 200 yards. In total, hundreds of acres of timber were flattened, several barns were destroyed, and others were severely damaged. Shingles and decking were ripped off several homes. The parent supercell that produced this tornado later produced a separate F-4 tornado in



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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MISSOURI, Southeast

eastern parts of Perry County.

Perry County

**3 SE Perryville to
3.5 ENE Crosstown**

22	1513CST 1525CST	8	220	0	5	7M	Tornado (F4)
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House swept clean off foundation near Crosstown.

This violent F-4 tornado reached its maximum intensity near the village of Crosstown, where peak winds were estimated near 210 MPH. Along the Perry County portion of the tornado track, 62 homes were destroyed, 17 had major damage, and 23 received minor damage. Ten of the destroyed homes were mobile homes, and seven that sustained major damage were mobile homes. Three churches were destroyed or heavily damaged. Numerous vehicles were tossed. Over 100 utility poles were broken off. Hundreds of trees were broken off or uprooted. The tornado first touched down at County Road 302 near Friedenburg, where F-1 winds destroyed a barn and partially unroofed a two-story house. There were also downed trees, including a few that fell on a house. As the tornado continued northeast across County Road 316 between Crosstown and Friedenburg, it widened to about 100 yards. Scores of trees were broken off or uprooted, and the roof was blown off a house. The tornado strengthened to F-3 intensity as it reached the junction of Highways P and C in Crosstown. The roof was torn off a church, windows were broken, and other structural damage occurred. Nearby, the roof was blown off a two-story brick store that was over 100 years old. An overturned vehicle was in the front yard, and trees were mangled. The width increased to 220 yards. In the center of Crosstown on Highway C, the tornado reached F-4 intensity. This is where a site-built house was levelled. The F-4 damage continued east along County Road 350 in Crosstown, where two more site-built houses were levelled. Only the bolted-down floor of one residence remained. An eyewitness along County Road 350 stated he took shelter in the basement after seeing fog coming directly toward him. His house remained mostly intact, except for the roof and garage. The tornado weakened to F-3 intensity about one to two miles east of Crosstown, where a modular home was destroyed except for the bathroom. A vehicle was tossed in the yard. The weakening trend continued east along County Road 350 to the Mississippi River, where many trees were uprooted and broken off. Some outbuildings were thrown around. The path width decreased to 75 yards as the intensity lowered to F-1. The average path width was 150 yards. There were five injuries requiring medical attention, including one broken arm. Two people were moderately injured when the vehicle they were driving was tossed into a house. Dozens of other residents received minor injuries but did not seek medical attention. Where the tornado crossed the Mississippi River, a barge loaded with coal was pushed to the shoreline. The windows were blown out of the tug boat, and enough coal was blown into the tug boat that it was shovelled out. The tornado crossed the Mississippi River into Jackson County, Illinois



National Weather Service

Storm Data and Unusual Weather Phenomena



September 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

MISSOURI, Southeast

Butler County

**6 E Neelyville to
6.2 E Neelyville**

22	1901CST 1902CST	0.3	50	0	0	4K	Tornado (F1)
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The tornado touched down a couple of times near the intersection of County Road 257 and HH Highway. A large tree was blown down. One home had roof damage and siding blown off. Several small branches were impaled into the side of the house where the siding had been blown off. Two untrained persons provided eyewitness accounts of the tornado. Peak winds were estimated near 80 MPH.