



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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ILLINOIS, South

Union County

4 SSE Anna **06** **0020CST** **0** **0** **Thunderstorm Wind (EG50)**
 Three trees were down on St. John's Road, off of U.S. Highway 127.

Williamson County

Countywide **06** **0025CST**
 0040CST **0** **0** **Thunderstorm Wind (EG50)**
 Three to four trees were blown down across roads.

Gallatin County

2.5 W Junction **06** **0118CST** **0** **0** **2K** **Thunderstorm Wind (EG50)**
 At the Gallatin County School, near the intersection of Highways 13 and 1, some portable bleachers were thrown several feet

Hardin County

Rosiclare **14** **2100CST**
 2300CST **0** **0** **Flash Flood**
 Three to four feet of standing water was reported in Rosiclare.

Williamson County

Countywide **15** **0230CST**
 0920CST **0** **0** **10K** **Flash Flood**
 A school bus was swept off the road about six miles southeast of Marion. The water was estimated to be 5 feet deep. The bus driver, who was the only person on the bus, was rescued by a fire department boat. In the Marion area, residents of South Future were evacuated, but floodwaters receded quickly due to recent flood abatement projects. A number of roads were closed due to flooding, including Route 37 south of Marion and Old Route 13 between Marion and Highway 148. Many side roads were flooded through the Creal Springs area.

Pope County

Countywide **15** **0315CST**
 0900CST **0** **0** **Flash Flood**
 An automated rain gage in Golconda measured 4.06 inches.

Gallatin County

Countywide **15** **0330CST**
 0930CST **0** **0** **50K** **Flash Flood**
 Flooding of roads occurred, including a few that were washed out.

Hardin County

Countywide **15** **0330CST**
 0930CST **0** **0** **Flash Flood**

Union County

Countywide **15** **0345CST**
 0900CST **0** **0** **Flash Flood**
 Water was over Illinois Route 146 near Ware and over Lick Creek Road northeast of Anna. An unofficial rainfall total of 6.5 inches was reported on the southeast side of Cobden.

White County

Countywide **15** **0400CST**
 0945CST **0** **0** **Flash Flood**
 Water was over a number of roadways. Although no official road closings were reported, local officials advised motorists to detour around some of the flooded areas.

Johnson County

Buncombe **15** **0415CST**
 0930CST **0** **0** **Flash Flood**
 Some roads were flooded, primarily in northern and western portions of the county. A spotter measured 4.63 inches of rain near Buncombe, with 3.40 inches of rain falling in four hours.

Saline County

Countywide **15** **0431CST**
 0950CST **0** **0** **75K** **Flash Flood**
 A spotter measured 8.5 inches of rain from overnight thunderstorms in Galatia, on the north end of the county. On the south end,



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ILLINOIS, South

only 3.22 inches unofficially fell at Carrier Mills. Numerous roads had water over them, including primary roads such as U.S. Route 45 near Ledford. In Harrisburg, streets were barricaded, and there was considerable flooding of yards and fields. Residents of a nursing home in Harrisburg were moved from their rooms after one wing of the facility flooded. A few basements were flooded.

Jackson County Countywide

15	0759CST 0945CST				0	0	50K		Flash Flood
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Major flash flooding was reported in Makanda, which is in a hilly area near the Union County line. Roads heading in and out of Makanda were closed until the floodwaters receded. A co-operative observer measured 5.15 inches of rain in Carbondale from the overnight and early morning storms. An automated gage in Murphysboro measured 4.25 inches. Traffic was diverted from low-lying areas in Carbondale. Sewers backed up into homes and basements. On the campus of the Southern Illinois University, a couple of rooms in the Physical Plant were flooded.

Union County Countywide

15	1215CST 1400CST				0	0			Flash Flood
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Major flooding on Morgan School Road prompted the evacuation of an elderly man. The man was evacuated by boat after floodwaters from Clear Creek surrounded his home. Several county roads were under water. During this new round of thunderstorms, an additional 2.25 inches of rain was reported on the southeast side of Cobden, bringing the unofficial total to 8.75 inches. A co-operative observer in Anna recorded 6.24 inches for November 15.

Williamson County Countywide

15	1230CST 1520CST				0	0	4K		Flash Flood
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Widespread street flooding occurred in Marion. The water was two to three feet deep at Jackson and Holland Streets. Firefighters rescued a family from a vehicle that was stranded in the floodwaters. Water entered an apartment building. In extreme eastern Williamson County, water was 4 to 5 feet deep. This second round of heavy rain aggravated pre-existing flooding that occurred during the early morning hours. An unofficial 24-hour rainfall report of 6.46 inches was received from a television station in Carterville.

ILZ075

Jefferson

15	1300CST				0	0	7K		Strong Wind (EG40)
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In Mount Vernon, power lines were blown down. A large tree was blown onto a house.

Williamson County 2.5 W Crab Orchard

15	1301CST				0	0			Funnel Cloud
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The funnel cloud was associated with a supercell thunderstorm that later produced wind damage and a brief tornado in Saline County.

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.

White County Carmi

15	1328CST				0	0			Hail(1.25)
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Dime to half-dollar size hail 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.

Wabash County Bellmont

15	1350CST				0	0			Hail(1.25)
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ILLINOIS, South

Wabash County

Mt Carmel	15	1400CST 1645CST			0	0	5K		Flash Flood
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Vehicles stalled in high water around the city. Illinois Route 1 was covered with water, along with many secondary streets.

White County

Grayville	15	1400CST 1630CST			0	0			Flash Flood
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Significant street flooding occurred after a pair of thunderstorms dropped over four inches of rain in a matter of hours.

Gallatin County

2 S Ridgway	15	1425CST 1700CST			0	0			Flash Flood
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Water was over Illinois Route 1 at St. Joseph Road. In Equality, the unofficial 24-hour rainfall total was 6.12 inches.

Gallatin County

5 SSE Shawneetown	15	1430CST			0	0			Thunderstorm Wind (EG52)
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A tow boat operator estimated 60 MPH wind gusts on the Ohio River.

Williamson County

1.5 SW Carterville to 2.5 S Johnston City	15	1444CST 1454CST			0	0			Funnel Cloud
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The funnel cloud was reported by sheriff deputies along Route 13 southwest of Carterville, and then along Route 37 south of Johnston City.

Union County

4 E Cobden	15	1446CST			0	0	10K		Thunderstorm Wind (EG56)
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A microburst with wind speeds of 60-70 mph damaged several mobile homes. Two of the mobile homes had their roofs torn off, six others sustained minor damage. Several large tree limbs were down and a few trees were snapped off at their bases. A house and shed received minor roof damage.

Franklin County

2 N Thompsonville	15	1500CST			0	0	3K		Thunderstorm Wind (EG52)
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A shed was blown into the woods. A few trees were blown down. Minor damage occurred to a few residences

Johnson County

1 N Tunnel Hill to New Burnside	15	1520CST 1530CST			0	0	2K		Thunderstorm Wind (EG56)
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State police estimated winds of 60 to 70 MPH. A tree was blown onto power lines on U.S. Route 45. One mile south of Ozark, the roof of an older commercial garage was damaged.

Massac County

Metropolis	15	1530CST			0	0	250K		Thunderstorm Wind (EG56)
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A microburst with wind speeds of 60-70 mph damaged a one-block area at 4th and Ferry Streets in downtown Metropolis. One brick wall of a large commercial structure crumbled, and the roof was damaged. The structure, which was built in 1867, was damaged beyond repair and torn down. An adjacent store suffered roof damage. A building across the street received some roof damage, and a window was blown out. A nearby church received roof damage. A carport was blown into a church.

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.



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ILLINOIS, South

Saline County

5 W Harrisburg to Raleigh	15	1532CST 1540CST			0	0	200K		Thunderstorm Wind (EG65)
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On Old Route 13 just east of Harco Road, several power poles were snapped. Near the airport just west of Raleigh, a barn and outbuilding were damaged, and a greenhouse was destroyed. An auger was tipped over and destroyed, and a tractor and combine were damaged by flying debris. In Raleigh, a portion of a church's roof was peeled off, and a few outbuildings were destroyed.

Gallatin County

Ridgway	15	1554CST			0	0			Thunderstorm Wind (EG56)
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Edwards County

Albion to Bone Gap	15	1600CST			0	0			Thunderstorm Wind (EG50)
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A couple of trees were down.

Wabash County

.8 SW Keensburg to Mt Carmel	15	1620CST			0	0	50K		Thunderstorm Wind (EG55)
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In the Keensburg area, several barns were damaged or destroyed. A house sustained moderate damage. The wall of an attached garage was damaged, and outbuildings sustained major damage. Several utility poles and trees were knocked over. In Mount Carmel, tree limbs were blown down throughout the city, and a tree was down on Oak Street.

White County

Carmi to Crossville	15	1625CST 1630CST			0	0	25K		Thunderstorm Wind (EG52)
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A number of trees and power lines were down in Carmi. One tree fell on a house. In Crossville, a tree fell over a trailer.

Jackson County

De Soto	28	0300CST			0	0			Thunderstorm Wind (EG50)
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Trees were down.

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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					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

06	0222CST	2.5	50	0	0	10K	Tornado (F0)
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INDIANA, Southwest

1.5 SSW Gentryville

0224CST

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.

Warrick County Countywide

15	0329CST 0945CST								
		0	0	350K	Flash Flood				

30 to 50 homes were affected by flash flooding. Boonville's city lake overflowed into surrounding low-lying areas. A spotter in Boonville measured 5.2 inches of rain during this first rain event. A co-operative observer in Newburgh reported 4.80 inches.

Posey County Countywide

15	0400CST 0945CST								
		0	0	Flash Flood					

Around 3 inches of rain fell across the county. Co-operative observers reported 3.20 inches in Mount Vernon and 2.90 inches in Poseyville. Several roads were closed in southwest Indiana as police waited for high water to subside.

Spencer County Countywide

15	0400CST 0945CST								
		0	0	Flash Flood					

Several roads were closed in southwest Indiana for hours at a time.

Vanderburgh County Countywide

15	0400CST 0945CST								
		0	0	Flash Flood					

Just under 3 inches of rain fell in the county. The official reading at the Evansville airport was 2.71 inches for the overnight and early morning round of storms. A co-operative observer at McCutchanville reported 2.82 inches. Evansville city streets were flooded. High water was reported on the east and southeast sides of Evansville.

A line of thunderstorms oriented from west to east across the Ohio River counties of southwest Indiana was nearly stationary for several hours. A warm front became nearly stationary, resulting in the excessive rainfall.

Posey County 2 E Mt Vernon

15	0850CST								
		0	0	Funnel Cloud					

Vanderburgh County Darmstadt

15	0922CST								
		0	0	Funnel Cloud					

Warrick County Countywide

15	1500CST 2100CST								
		0	0	50K	Flash Flood				

Additional thunderstorms during the late afternoon dumped 3.4 inches of rain in Boonville, bringing the 24-hour total to 8.6 inches. A few hours after the late afternoon thunderstorms, there were still several homes, businesses, and autos flooded in Boonville. During the early evening, South 8th Street was impassable, City Lake was close to overflowing its banks, and several streets had at least 6 inches of water over them. Near Chandler, two roads were impassable.



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INDIANA, Southwest

Gibson County

Owensville	15	1647CST			0	0	14K		Thunderstorm Wind (EG70)
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A mobile home was overturned, and three mobile homes sustained roof damage. An investigation of the damage by a National Weather Service employee indicated a microburst caused the damage. The damage area was about 100 yards long by 50 yards wide. Peak winds were estimated near 80 MPH.

Vanderburgh County

Rahm	15	1650CST			0	0			Funnel Cloud
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Warrick County

Countywide	15	1730CST 1745CST			0	0			Thunderstorm Wind (EG50)
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About a half dozen trees were blown down.

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 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 Arflack 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.



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KENTUCKY, Southwest

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.

Webster County

Dixon to 1.5 SW Sebree	06	0220CST 0228CST			0	0	250K		Thunderstorm Wind (MG56)
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A 64 MPH wind gust was measured by a trained spotter in Dixon. The south portion of the high school in Dixon received major damage. A portion of the roof was damaged, as well as several classrooms, an exit door and hallway. Some parts of the school sustained water damage. At a golf course in Dixon, a trailer used as a business office was destroyed. Numerous trees were blown down. On Kentucky 132 near Sebree, a mobile home was overturned.

Daviess County

1 E St Joseph to (Owb)Owensboro Arprt	06	0234CST 0240CST			0	0			Funnel Cloud
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A funnel cloud was witnessed by a retired fire chief near St. Joseph and by police officers near the Owensboro Airport. A loud roaring sound was reportedly heard near St. Joseph.

Mclean County

Beech Grove	06	0235CST			0	0			Thunderstorm Wind (EG50)
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Trees were blown down across a roadway.

Daviess County

Owensboro to .5 S Owensboro	06	0245CST			0	0	1K		Thunderstorm Wind (EG55)
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On the south side of Owensboro, an old pole barn was destroyed. Several 5-inch poles were pulled out of the ground, and the roof was blown off. Some trees were blown down within a half mile of the pole barn, which was located just southeast of the U.S. 431 interchange with the Route 60 bypass. In Owensboro, a trained spotter estimated wind gusts to 60 MPH, which downed 6-foot long tree limbs.

Muhlenberg County

Rosewood to 3 SW Belton	06	0322CST 0330CST			0	0	1K		Thunderstorm Wind (EG52)
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In Rosewood, about a half dozen tree limbs several inches in diameter were blown down. Gable fascia was stripped off the west side of a house. A small shed was overturned, and a large tree was broken off. A spotter about midway between Rosewood and Belton estimated 60 MPH winds at his location.

Muhlenberg County

3 SW Belton	06	0330CST			0	0			Hail(1.50)
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A spotter reported ping-pong ball size hail.

A supercell thunderstorm produced 60 MPH wind gusts and hail nearly the size of golf balls as it crossed southern Muhlenberg County.



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KENTUCKY, Southwest

KYZ008

Marshall

12	1100CST				0	0			Wildfire
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Unusually dry and windy conditions contributed to the rapid spread of a fire in the Clark's River National Wildlife Refuge, a few miles southeast of Benton. The fire consumed 125 acres. All fire departments in the county, along with state and federal firefighters, controlled the fire by early evening.

**Union County
Countywide**

14	2200CST				0	0	500K		Flash Flood
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Most of the flooding was from Morganfield east to the Henderson County line. At least a half-dozen businesses were flooded in Morganfield, including businesses in the Union County Shopping Center. Several homes in Sturgis and Morganfield were flooded. An auto shop and a YMCA building were flooded. Numerous roads were flooded or closed. Half of the roads in the Sturgis area were closed due to standing water. Parts of U.S. Highway 60 were impassable due to flooding. County schools were closed.

**Henderson County
Countywide**

15	0015CST	1730CST			0	0	17.5M		Flash Flood
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Widespread flash flooding inundated numerous homes and businesses. County officials estimated 3.5 million dollars in damage occurred to homes, and 14 million dollars in damage to commercial and government property. Many roads were closed or under several feet of water. Numerous people were evacuated and removed from subdivisions in the city of Henderson, including the Cooper Park and Lakeland neighborhoods. Water was up to the window sills on some homes. An industrial area was flooded by Canoe Creek, with three to four feet of water in at least two manufacturing plants. A portion of the Eastgate Shopping Center was submerged, closing several businesses. Throughout the county, a number of water rescues were conducted for people stranded in flooded vehicles. Flooding shut down U.S. Highway 41 South within the Henderson city limits. About 100 county-maintained roads were flooded, and two bridges were washed out. More than 15 miles of state-maintained roads were closed. Schools were closed. 6.80 inches of rain was measured by a spotter from overnight thunderstorms in Spottsville. In Henderson, a spotter reported 5.6 inches, with 1.69 inches falling in one hour. In Zion, the unofficial total for the morning storms was 5.8 inches.

A narrow band of thunderstorms became stationary from west to east across Union and Henderson Counties. The storms were anchored there by a warm front that stalled during the night. Rainfall amounts under this band of thunderstorms were from 5 to 10 inches. The co-operative observer in Henderson measured a record 8.51 inches in 24 hours. The previous 24-hour record was 6.33 inches on March 11, 1935.

**Fulton County
3 SW Cayce**

15	1320CST				0	0	20K		Thunderstorm Wind (EG61)
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A microburst with winds of 70 mph occurred three miles southwest of Cayce along State Line Road. The damage was confined to a small area approximately 150 yards long by 50 yards wide. Part of the roof of a new steel farm equipment shed was blown off. The large sliding door on the windward side of the shed was also blown off. A couple of trees 100 yards downwind of the shed showed some minor damage.

**Fulton County
1 S Cayce**

15	1325CST				0	0	2K		Thunderstorm Wind (EG61)
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A microburst with winds of 70 mph occurred. Damage was confined to a small area approximately 300 yards long by 50 yards wide. The damage was near the intersection of Highways 1128 and 239. Several trees were blown down. An old equipment shed that faced south and was open ended on that side, was rolled over and lodged against a row of trees immediately adjacent to it. Homes in the area were missing a few shingles. A poorly anchored carport was blown from its location approximately 100 yards downwind.



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

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.

Mccracken County

Paducah	15	1330CST			0	0	10K		Lightning
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A mobile home in downtown Paducah completely burned due to a lightning strike.

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 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 Backsburg to 3.1 N Backsburg	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	10	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



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

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 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.

Union County

Morganfield	15	1345CST			0	0			Funnel Cloud
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A funnel cloud was spotted and photographed.

Mccracken County

2 E Hardmoney	15	1400CST			0	0			Thunderstorm Wind (EG52)
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A swath of wind damage about 100 yards long occurred in a wooded area. Several very large oak trees were blown down. Some tin roofing was blown off an old barn. The damage was off of Kentucky Highway 450 about 100 yards from the Graves County line

Union County

Henshaw	15	1430CST			0	0	3K		Thunderstorm Wind (EG55)
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An old barn was destroyed.

Union County

Waverly	15	1440CST			0	0	3K		Thunderstorm Wind (EG56)
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A home received roof damage.

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

Dawson Spgs	15	1520CST			0	0	2K		Thunderstorm Wind (EG60)
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A barn was destroyed.

Hopkins County

1.5 SW Earlington to 7 E Hanson	15	1527CST 1550CST	15	800	0	40	31M		Tornado (F4)
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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	

KENTUCKY, Southwest



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

3 S Owensboro

15	1606CST			0	0	5K	Thunderstorm Wind (EG60)
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An old tobacco barn was destroyed and blown over a road.

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

Calloway County

1 N Backusburg

28	0100CST			0	0	2K	Thunderstorm Wind (EG50)
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A couple of trees were blown down across Kentucky 1836, taking down wires and closing the road



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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MISSOURI, Southeast

Carter County

5 W Van Buren	05	2210CST			0	0			Hail(0.75)
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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.

Perry County

Perryville	05	2325CST			0	0			Hail(0.75)
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Scott County

Oran	05	2345CST			0	0			Thunderstorm Wind (EG52)
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Several large trees were blown down.

Cape Girardeau County

Countywide	15	0120CST 0945CST			0	0	200K		Flash Flood
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Local streams flooded, trapping a woman in her car. The woman was trapped west of Jackson on Highway 72 due to flooding of Byrds Creek. The vehicle was swept off the roadway. Firefighters used ropes and swift water rescue gear to reach the victim, who was then removed from the car with the help of a ladder truck. Numerous roads were closed, including State Highways 72 and 34. County roads sustained heavy damage from the flooding, especially roads along the Whitewater River and Byrds Creek. In Jackson, low water bridges were underwater. Rainwater flooded the storage area under the band room at Jackson High School. From the overnight and early morning thunderstorms, a co-operative observer in Jackson measured 5.97 inches. The emergency management center reported 5.8 inches fell in Jackson.

Wayne County

Countywide	15	0130CST 0915CST			0	0	500K		Flash Flood
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Flash flooding occurred after persistent thunderstorms dumped 6 to 9 inches of rain overnight. In Piedmont, flooding of McKenzie Creek prompted the evacuations of 13 families. Several homes and businesses were flooded. A large storage shed was washed into the creek and became lodged against a bridge. A church in Piedmont had about three feet of water inside. Floodwaters topped all three of the city bridges in Piedmont, but not the State Route 34 bridge. City and county roads sustained substantial damage. Highway 34 West between Highway 67 and Patterson was closed due to flooding. A spotter in Piedmont reported his rain gauge overflowed at 6 inches. The co-operative observer at Clearwater Dam measured 8.10 inches from the overnight and early morning storms. An automated gage in Greenville measured 4.99 inches.

Bollinger County

Countywide	15	0227CST 0915CST			0	0	750K		Flash Flood
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Several water rescues were conducted after 6 to 9 inches of rain fell, causing major flooding of the Castor River. The river flooded across Highway 34 near the Wayne County line, leaving several people trapped. Boats from the sheriff department, the State Water Patrol, and the Department of Conservation were involved in the rescues. Four people were stranded when their vehicle was swept off a flooded county road south of the Twin Bridges Campground. The four people were picked up by a passing boat, but the boat motor was not strong enough for the current. The four people were finally rescued by a state trooper in another boat. The Twin Bridges Campground was completely flooded. One of the permanent trailers in the campground was surrounded by water. The trailer occupants were rescued from the roof of the trailer by boat. At the Castor River campground, several RV's and campers were heavily damaged by the river flooding. Water came up to the bridge on Highway 51 at Zalma. A bridge was washed out on County Road 350 and another was badly damaged on County Road 348. In Marble Hill, floodwaters from Crooked Creek invaded several homes and a few businesses. On the Lutesville side of the creek, a few cars were flooded, and a few people were trapped in their apartments. A



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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MISSOURI, Southeast

co-operative observer in Marble Hill measured 7.92 inches from the overnight and early morning round of storms. The automated gage at Patterson reported 7.23 inches. There was an unofficial report of 10 inches from a resident along Crooked Creek. The resident reported that a cabin on five-foot stilts was flooded with a foot of water, and that entire trees were swept down the creek

Perry County **Applecreek**

15	0421CST 0800CST				0	0			Flash Flood
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Several secondary roads were reportedly becoming impassable due to flooding. The co-operative observer in Perryville measured 2.58 inches, and an automated gage at Menfro had 3.17 inches.

MOZ100

Wayne									
15	0900CST				0	0			Flood
16	0200CST								

The St. Francis River exceeded flood stage at Patterson. The river crested at 18.44 feet, a couple of feet over the 16-foot flood stage. Minor flooding of low-lying fields and woodlands occurred.

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.

Mississippi County **Charleston**

15	1252CST			0	0			Thunderstorm Wind (EG55)
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Windows were blown out of two houses.

Mississippi County **Wyatt**

15	1255CST			0	0			Hail(1.00)
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Cape Girardeau County **Jackson**

15	1416CST			0	0	4K		Thunderstorm Wind (EG52)
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The roof of a new multi-purpose building at the high school in Jackson was slightly damaged. The roof of a store in downtown Jackson was peeled back. The store roof may have been weakened in the May 6, 2003 Jackson tornado.

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.

