



# 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 Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### ILLINOIS, South

**ILZ075>078-080>094**      **Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac**

<b>01</b>	<b>1100CST</b>								
<b>02</b>	<b>1900CST</b>				<b>0</b>	<b>0</b>			<b>Heat</b>

The heat index peaked between 105 and 113 degrees across southern Illinois on August 1st. Hourly measurements of the heat index peaked as high as 113 degrees at Harrisburg and Fairfield, 110 at Mount Vernon, 108 at Marion, 107 at Carbondale, and 105 at Cairo. Heat indices were a little lower in most areas the next day, but still peaked at or above 105 degrees in the Wabash Valley and near Cairo. The highest heat indices on August 2nd were 110 degrees at Fairfield, 108 at Harrisburg, and 105 at Cairo and Mount Vernon.

#### **Franklin County**

<b>Zeigler to 1 W West Frankfort</b>	<b>10</b>	<b>1245CST 1257CST</b>							
					<b>0</b>	<b>0</b>			<b>Hail(1.00)</b>

#### **Alexander County Countywide**

<b>10</b>	<b>1245CST 1300CST</b>								
					<b>0</b>	<b>0</b>	<b>8K</b>		<b>Thunderstorm Wind (EG50)</b>

On the U.S. 51 bridge between Wickliffe, KY and Cairo, IL, a tractor-trailer rig was partially tipped by the wind onto passing vehicles. The rig landed back on its wheels. Only minor damage occurred, and all the vehicles were driven off the bridge. A number of trees and power lines were blown down across the county. In Cairo, a tree landed on power lines, pulling them from a house.

#### **Franklin County**

<b>Zeigler to 2.5 ESE Plumfield</b>	<b>10</b>	<b>1248CST 1256CST</b>							
					<b>0</b>	<b>0</b>	<b>100K</b>		<b>Thunderstorm Wind (EG56)</b>

In Zeigler and Pershing, numerous trees and very large tree limbs were down. Some trees were uprooted. In Zeigler, trees and limbs fell on several houses in town. One large tree fell through a roof, causing extensive damage to the house. At least two other houses sustained extensive roof damage, which allowed rainwater to soak the interiors of the houses. At other houses, the wind caused minor roof damage such as blowing off shingles. Siding was blown off some houses, and gutters were damaged. Roads were blocked by downed tree limbs. The wind was responsible for toppling objects in yards, such as swings and lamp posts. In addition to the wind, witnesses also reported one inch hail in Zeigler, which helped to bring tons of tree leaves to the ground. The wind-blown rain, debris, and hail left many houses with dirt and debris plastered onto them. The sides of some residences and travel trailers were punctured by wind-blown hailstones. The damage found in Zeigler was mainly across the southeast sections of town. The village of Pershing is a small town just west of Interstate 57 and southwest of West Frankfort. All of the damage was caused by a series of downbursts, with winds estimated to be around 65 mph.

#### **Union County**

<b>2 E Jonesboro</b>	<b>10</b>	<b>1250CST</b>							
					<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (EG50)</b>

Power lines were blown down.

#### **Pulaski County**

<b>Ullin to 1 E Ullin</b>	<b>10</b>	<b>1255CST</b>							
					<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>

Trees were blown down in and around Ullin. A downed tree blocked the southbound lane of Interstate 57 at mile marker 18 near Ullin. Another tree blocked U.S. Highway 51 north of Ullin.

#### **Franklin County**

<b>West Frankfort to 2 S Thompsonville</b>	<b>10</b>	<b>1257CST 1308CST</b>							
					<b>0</b>	<b>0</b>	<b>4K</b>		<b>Thunderstorm Wind (EG61)</b>

Numerous trees and power lines were blown down in and around West Frankfort. The southwest portion of the city was hardest hit. About a mile west of West Frankfort, wind gusts estimated near 70 MPH downed trees, including one tree that fell on a house. A



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### ILLINOIS, South

couple miles south of Thompsonville, the tin roof of a barn was damaged, and two or three large trees were down.

#### Wayne County

<b>Fairfield</b>	<b>10</b>	<b>1315CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Trees were blown down.

#### Johnson County

<b>Cypress</b>	<b>10</b>	<b>1316CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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#### Williamson County

<b>Creal Spgs</b>	<b>10</b>	<b>1320CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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#### Edwards County

<b>Countywide</b>	<b>10</b>	<b>1345CST 1400CST</b>			<b>0</b>	<b>0</b>	<b>50K</b>		<b>Thunderstorm Wind (EG61)</b>
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Trees and power lines were blown down countywide. The community of West Salem received the brunt of the storm, where roofs were blown off two structures, and a number of other homes were damaged by falling trees. A snapped telephone pole resulted in a 90-minute power outage for much of West Salem. In Browns, a heavy iron chair was blown off a porch and into a car. Several limbs were down.

#### Edwards County

<b>Countywide</b>	<b>10</b>	<b>1345CST 1445CST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Street flooding occurred in many areas as a result of heavy rainfall. Unofficial measurements from 5 to 6 inches were taken at Albion, West Salem, and Bone Gap.

#### Saline County

<b>Harrisburg to 4.5 E Harrisburg</b>	<b>10</b>	<b>1347CST 1402CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind (EG52)</b>
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A trained spotter estimated winds gusted to 60 MPH in Harrisburg. An awning was blown off a restaurant in Harrisburg.

#### Wabash County

<b>Mt Carmel</b>	<b>10</b>	<b>1404CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Trees were down on Route 15 near Mount Carmel.

#### Hardin County

<b>Elizabethtown</b>	<b>10</b>	<b>1415CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Trees were down near Elizabethtown.

#### ILZ084>094

#### Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac

	<b>19</b>	<b>1300CST 1700CST</b>			<b>0</b>	<b>0</b>			<b>Heat</b>
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The heat index peaked between 105 and 110 degrees across far southern Illinois, mainly along and south of a line from Carbondale to Harrisburg. The highest hourly heat index readings were 109 degrees at Harrisburg, 107 at Carbondale, and 105 at Metropolis.

#### Johnson County

<b>Buncombe</b>	<b>19</b>	<b>1645CST 1800CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Lick Creek Road was closed due to water running across the roadway.

#### Jackson County

<b>Ava</b>	<b>19</b>	<b>2325CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind (EG52)</b>
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Large trees were blown down at a few residences. A dog cage was blown about 50 feet.

#### Union County

<b>Anna</b>	<b>27</b>	<b>1200CST</b>			<b>0</b>	<b>0</b>	<b>20K</b>		<b>Lightning</b>
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The steeple of a church was destroyed by lightning. The 25-foot tall steeple was sliced by the lightning strike and fell to the ground. The roof was damaged, allowing water to leak into the interior of the church and cause more damage.



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### ILLINOIS, South

#### Hardin County

<b>Karbers Ridge</b>	27	1400CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Numerous trees were down throughout the community. Some roadways were blocked for a brief time

#### Union County

<b>Countywide</b>	27	1800CST 1900CST			0	0			<b>Flash Flood</b>
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Water was over several roads. More than three inches of rain was measured in Anna for the calendar day. Unofficial reports indicated over 4 inches of rain in Jonesboro and 2 inches in Cobden.

#### Alexander County

<b>Cairo</b>	27	1835CST 1935CST			0	0			<b>Flash Flood</b>
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Street flooding was reported.

### INDIANA, Southwest

#### INZ081>082-085>088

**Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer**

01	1100CST				0	0			<b>Heat</b>
02	1900CST								

Heat indices across southwest Indiana rose to 105 degrees or more on the afternoons of August 1st and 2nd. At Evansville, the heat index peaked at 107 degrees on August 1st and 105 degrees on August 2nd. A utility company based out of Evansville set an electricity demand record on August 1st.

#### Posey County

<b>Countywide</b>	10	1420CST 1435CST			0	0			<b>Thunderstorm Wind (EG53)</b>
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A trained spotter estimated wind gusts from 60 to 65 MPH three miles west of Poseyville. Trees were blown down countywide, especially in Poseyville and Mount Vernon.

#### Gibson County

<b>Oakland City</b>	10	1438CST			0	0			<b>Hail(0.75)</b>
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#### Vanderburgh County

<b>Evansville</b>	10	1445CST			0	0	5K		<b>Thunderstorm Wind (EG50)</b>
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Trees and power lines were down in portions of Evansville. At the Evansville airport, the peak wind gust was measured at 56 MPH

#### Vanderburgh County

<b>Evansville</b>	10	1500CST 1545CST			0	0			<b>Flash Flood</b>
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Many intersections were flooded. Some roads and intersections were closed due to high water. On the north side of Evansville, a spotter measured 1.02 inches of rain in 40 minutes.

### KENTUCKY, Southwest

#### KYZ001>022

**Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd**

01	1100CST				0	0			<b>Heat</b>
02	1900CST								

The heat index peaked between 105 and 110 degrees across western Kentucky on August 1st. Hourly measurements of the heat index were as high as 110 degrees at Henderson and Owensboro, 108 at Hopkinsville, and 106 at Paducah. On the following day, the heat index was a little lower in most areas, but still peaked from 105 to 110 degrees at Henderson and Owensboro. A couple of Kentucky utility companies reported demand for electricity approached record levels



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### KENTUCKY, Southwest

#### **Crittenden County**

<b>Countywide</b>	<b>03</b>	<b>1925CST 1935CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Several trees were blown down.

#### **Ballard County**

<b>Countywide</b>	<b>10</b>	<b>1305CST 1320CST</b>			<b>0</b>	<b>0</b>	<b>5K</b>		<b>Thunderstorm Wind (EG50)</b>
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In Wickliffe, trees were reported to be down on power lines. Trees were down elsewhere in western parts of the county. Just west of La Center and three miles south of La Center, trees were down across roads. In Kevil, an off-duty meteorologist estimated wind gusts from 55 to 60 MPH, which split a pear tree.

#### **Mccracken County**

<b>Paducah</b>	<b>10</b>	<b>1340CST</b>			<b>0</b>	<b>0</b>	<b>1K</b>		<b>Thunderstorm Wind (EG50)</b>
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Two trees were blown down, including one that fell on a cable line

#### **Crittenden County**

<b>Mexico to Crayne</b>	<b>10</b>	<b>1430CST 1440CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Trees were down throughout the southern part of the county.

#### **Lyon County**

<b>6 S Kuttawa</b>	<b>10</b>	<b>1430CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Trees were blown down in the northern parts of the Land Between The Lakes National Recreation Area. Federal officials estimated wind gusts from 55 to 60 MPH.

#### **Trigg County**

<b>Canton</b>	<b>10</b>	<b>1500CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Several tree limbs were down, along with a whole tree that was uprooted.

#### **Henderson County**

<b>Spottsville</b>	<b>10</b>	<b>1505CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG53)</b>
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Wind gusts were estimated from 60 to 65 MPH by a trained spotter.

#### **Hopkins County**

<b>Countywide</b>	<b>10</b>	<b>1515CST 1530CST</b>			<b>0</b>	<b>0</b>	<b>3K</b>		<b>Thunderstorm Wind (EG50)</b>
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Several trees and a power pole were blown down.

#### **Daviess County**

<b>Panther to Owensboro</b>	<b>10</b>	<b>1519CST 1534CST</b>			<b>0</b>	<b>0</b>	<b>6K</b>		<b>Thunderstorm Wind (MG50)</b>
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A wind gust to 58 MPH was measured at the Owensboro airport. About seven instances of downed power lines and trees were scattered across the southwest third of the county. A tree was down, blocking part of Highway 81 two miles southwest of the city.

#### **Henderson County**

<b>Spottsville</b>	<b>10</b>	<b>1522CST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
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A trained spotter reported a funnel cloud with rotation visible

#### **Hopkins County**

<b>2 E White Plains</b>	<b>10</b>	<b>1529CST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
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A funnel cloud was sighted near the Muhlenberg County border south of the Western Kentucky Parkway.

#### **Christian County**

<b>Hopkinsville</b>	<b>10</b>	<b>1530CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Trees were blown down.

#### **Mccracken County**

<b>Paducah</b>	<b>11</b>	<b>1330CST 1430CST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Nearly 1.5 inches of rain fell at the National Weather Service office



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### KENTUCKY, Southwest

#### Christian County

Countywide	11	1545CST 1700CST			0	0			<b>Heavy Rain</b>
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Street flooding was reported along one block of Highway 272 and another block of Highway 91. Water was up to the doors on a car

#### Ballard County

Wickliffe to Blandville	14	1715CST 1730CST			0	0	3K		<b>Thunderstorm Wind (MG57)</b>
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A wind gust to 66 MPH was measured in Wickliffe and reported by emergency management personnel. Trees were blown down around Blandville, including a couple across Highway 802. A couple of other trees, along with power lines and tree limbs, were down across Highway 358 near LaCenter. Tree limbs were down along Highway 286 a few miles east of Wickliffe.

#### Carlisle County

Countywide	14	1720CST 1735CST			0	0	4K		<b>Thunderstorm Wind (EG50)</b>
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Numerous trees were blown down across the county. The greatest concentration of downed trees was along U.S. Highway 62, especially in Cunningham. U.S. Highway 62 was closed for about 15 minutes due to downed trees. A tree landed on a propane tank

#### Carlisle County

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

#### KY2001>022

**Fulton - Hickman - Carlisle - Ballard - Mccracken - Graves - Livingston - Marshall - Calloway - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd**

	19	1300CST 1700CST			0	0			<b>Heat</b>
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The heat index peaked between 105 and 110 degrees across western Kentucky. The highest hourly heat index readings were 109 degrees at Hopkinsville, 107 at Owensboro and Henderson, and 105 degrees at Paducah.

#### McLean County

Beech Grove	19	1830CST			0	0	10K		<b>Lightning</b>
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A lightning strike damaged the electrical system of chicken houses.

#### Ballard County

Countywide	27	1930CST 2030CST			0	0			<b>Flash Flood</b>
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Water was reported over some roads, washing debris over them. Water briefly covered Kentucky Highway 358 near the community of Slater.

#### Mccracken County

Paducah to Lone Oak	27	1940CST 2040CST			0	0			<b>Heavy Rain</b>
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Street flooding was reported.

#### Marshall County

Benton	27	2050CST 2150CST			0	0			<b>Heavy Rain</b>
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Street flooding was reported.

#### Lyon County

Eddyville	27	2100CST 2200CST			0	0			<b>Heavy Rain</b>
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Several inches of water were over a local road. Both lanes were closed briefly.



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### MISSOURI, Southeast

#### MOZ076-087-109>112-114 Perry - Cape Girardeau - Butler - Stoddard - Scott - Mississippi - New Madrid

01	1100CST				0	0			<b>Heat</b>
02	1900CST								

The heat index climbed to around 105 degrees across parts of southeast Missouri on August 1st and 2nd. The highest heat index reading was 106 degrees at Cape Girardeau on August 1st. The following day, the heat index again peaked near 105 degrees, mainly south through southwest of Cape Girardeau.

#### Ripley County

4 SE Doniphan

03	1549CST				0	0			<b>Thunderstorm Wind (EG50)</b>
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Two trees were down across A Highway.

#### Cape Girardeau County

(Cgi)Cape Girardeau

10	1200CST				0	0			<b>Thunderstorm Wind (MG58)</b>
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A wind gust to 67 MPH was measured at the Cape Girardeau Regional Airport. The peak 2-minute sustained wind speed was 49 MPH.

#### Cape Girardeau County

Cape Girardeau

11	1300CST 1500CST				0	0	10K		<b>Flash Flood</b>
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Widespread flooding of streets occurred, prompting the closures of 26 streets or intersections. Floodwaters reached the hood of an SUV on Whitener Street. The police department responded to 38 traffic assistance or accident calls in two and a half hours. A number of motorists were stranded in rising water. Water covered a small section of Interstate 55. Unofficial rainfall measurements from public works employees indicated 2.7 inches fell in two hours. Much less rain fell at nearby Cape Girardeau airport, located south of the city.

#### Scott County

Chaffee

14	1600CST				0	0	30K		<b>Lightning</b>
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Lightning struck a storage building, sparking a fire that destroyed the contents of three storage units.

#### Scott County

Vanduser

14	1650CST				0	0	3K		<b>Thunderstorm Wind (EG61)</b>
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Large tree limbs and power lines were down. A trained spotter estimated wind gusts near 70 MPH

#### Mississippi County

4 W East Prairie

14	1655CST				0	0			<b>Thunderstorm Wind (EG61)</b>
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A trained spotter estimated wind gusts near 70 MPH downed a number of trees and limbs.

#### MOZ076-086>087-100-107>112-114

#### Perry - Bollinger - Cape Girardeau - Wayne - Carter - Ripley - Butler - Stoddard - Scott - Mississippi - New Madrid

19	1300CST 1700CST				0	0			<b>Heat</b>
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Heat indices peaked between 105 and 110 degrees across southeast Missouri. The highest hourly heat index readings were 108 at Cape Girardeau and 107 at Poplar Bluff.

#### Cape Girardeau County

Fruitland to  
Cape Girardeau

19	1520CST 1535CST				0	0	75K		<b>Thunderstorm Wind (EG54)</b>
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Widespread damage to trees and power lines occurred in Jackson and Cape Girardeau, especially in northeast sections of Cape Girardeau. Numerous power outages affected about 3,000 customers. Red Cross officials activated response plans, providing ice and water to numerous residents. Hundreds of residents remained without power through most of the following day. Three homes suffered major damage, mainly due to trees falling across them. A chimney was torn off one house. Streets were closed due to numerous downed trees and power lines. Siding was blown off a house in Fruitland, and a trampoline was thrown several hundred yards.



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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	

### MISSOURI, Southeast

#### Cape Girardeau County

<b>1 S Delta</b>	<b>19</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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Large tree limbs were blown down.

#### Bollinger County

<b>Greenbrier</b>	<b>19</b>	<b>1602CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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#### Cape Girardeau County

<b>Countywide</b>	<b>27</b>	<b>1615CST 1900CST</b>			<b>0</b>	<b>0</b>	<b>25K</b>		<b>Flash Flood</b>
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Rainfall from 2 to 6 inches inundated most of the county. Most of this rainfall occurred within a few hours. At Jackson, where a co-operative observer measured 5.70 inches, major flooding took place. Water reportedly entered a few homes in Jackson. In Cape Girardeau and Jackson, many people were evacuated from stranded vehicles. Numerous streets were flooded. Flooding of major thoroughfares took place, and a flood emergency was declared along and west of Interstate 55 from Cape Girardeau to Jackson. Many roadways were barricaded. Arena Park and other low-lying areas near creeks were flooded. Up to two feet of water was observed on Missouri Route C just west of Gordonville.

#### Scott County

<b>Countywide</b>	<b>27</b>	<b>1730CST 1830CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Flooding was reported throughout Scott County. Several motorists were rescued from vehicles. At the Cape Girardeau airport along the northern Scott County line, about 2.3 inches was measured. Rainfall was heavier to the west and southwest of the airport.