



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 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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### ILLINOIS, South

#### Wabash County

Countywide	04	1448CST 1502CST			0	1	25K		<b>Thunderstorm Wind (EG52)</b>
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Large trees were blown down in Wabash County, specifically in the communities of Mount Carmel, Keensburg, and Bellmont. In Keensburg, several large trees were uprooted, and numerous large limbs over 6 inches in diameter were down. There was some minor structural damage. One car was damaged by a very large falling tree limb. Numerous trees and limbs were blown down in Mount Carmel, where power was not fully restored until the following day. One man was injured when a tree fell on his boat while he was boating in the Wabash River. The tree trapped him on his pontoon boat, which began floating down the river. The boat was towed ashore after floating for half a mile, and the man was taken to a local hospital with minor injuries. In Bellmont, a tree took down live power lines that landed on an occupied pickup truck, but there were no injuries.

#### Jefferson County

Countywide	05	0915CST 0930CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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Numerous tree limbs and a few whole trees were blown down across the county. Tree damage was reported in Opdyke, Belle Rive, Nason, and Mount Vernon. In Mount Vernon, some large limbs were blown down, and a 30-foot tree was down in a backyard. Japanese maple trees were flattened in Belle Rive.

#### Perry County

Du Quoin	05	0920CST			0	0	30K		<b>Thunderstorm Wind (EG50)</b>
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More than two dozen trees were blown down, mainly on the west side of the city. Several city streets were blocked by fallen trees and limbs. Cars and house roofs were damaged by falling trees. Large limbs were down in the city park. Falling tree limbs collapsed a carport on the west side of the city. A shed was blown onto a city police vehicle. A tent housing fireworks for sale collapsed in the wind.

#### Williamson County

Herrin to Marion	05	1000CST			0	0	10K		<b>Thunderstorm Wind (EG50)</b>
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A 119-year-old tree fell on a house in Marion. A large tree limb 6 to 8 inches in diameter fell on a house in Energy. A 4-inch limb fell on a house in Herrin.

#### Hamilton County

Delafield	05	1020CST			0	0	3K		<b>Thunderstorm Wind (EG50)</b>
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Trees and power lines were blown down along Route 142.

#### White County

Grayville to Carmi	05	1045CST 1050CST			0	0	30K		<b>Thunderstorm Wind (MG64)</b>
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Numerous trees and power lines were blown down across White County, specifically in Carmi and Grayville. At Grayville, a spotter measured a wind gust to 74 MPH (64 knots). Trees were blown down on at least 3 houses in Grayville. Power was out in Grayville for about 12 hours.

A cluster of thunderstorms became more linear and increased in intensity as it crossed southern Illinois from west to east. The storms produced isolated damaging winds over southwest Illinois, then the damage became more organized as the storms approached the Wabash River.

Jefferson County 5 NW Mt Vernon	05	2124CST			0	0			<b>Hail(0.75)</b>
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Jefferson County 5 NW Mt Vernon	05	2124CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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#### Johnson County

Vienna to 4 E Vienna	06	1221CST 1232CST			0	0			<b>Hail(1.00)</b>
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Dime-size hail was reported in Vienna, and quarter-size hail was reported 4 miles east of Vienna.



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<b><u>ILLINOIS, South</u></b>									
<b>Jackson County</b>									
Ava	06	1357CST			0	0			Thunderstorm Wind (EG52)
Emergency management personnel estimated a wind gust to 60 MPH.									
<b>Wayne County</b>									
Barnhill to 7 S Fairfield	06	1406CST 1410CST			0	0			Hail(1.00)
Dime to quarter size hail was reported south of Fairfield, including the community of Barnhill.									
<b>Williamson County</b>									
4 S Marion	06	1422CST			0	0			Hail(0.75)
<b>Edwards County</b>									
4 S Browns	06	1430CST			0	0			Thunderstorm Wind (EG50)
Tree limbs and small trees were down across a road.									
<b>Wabash County</b>									
Bellmont to Mt Carmel	06	1449CST 1504CST			0	0			Hail(0.88)
<b>Wabash County</b>									
Bellmont to Mt Carmel	06	1453CST 1504CST			0	0	3K		Thunderstorm Wind (EG50)
Emergency management personnel estimated wind gusts to 60 MPH. In Mount Carmel, a large portion of a tree was blown down, taking down several utility lines. Traffic was detoured around the site. Power was interrupted for many residents for several hours.									
<b>Wayne County</b>									
Barnhill	06	1456CST			0	0			Hail(1.00)
<b>Franklin County</b>									
Benton	06	1500CST			0	0			Thunderstorm Wind (EG50)
Five trees, including four large old oak trees, were blown down at a golf course.									
<b>White County</b>									
Grayville	06	1510CST			0	0	10K		Thunderstorm Wind (EG52)
Dozens of trees were blown down, taking some power lines with them. At least one street was completely blocked by a fallen tree. Another falling tree caused major damage to the roof of a house. A parked sport utility vehicle was heavily damaged by a large tree that landed on it.									
<b>White County</b>									
Carmi	06	1511CST			0	0			Hail(0.75)
<b>Jackson County</b>									
Murphysboro	06	1530CST			0	0	40K		Thunderstorm Wind (EG52)
Numerous trees and limbs were blown down, especially in the southwest portion of Murphysboro. Power lines were knocked down by the falling trees. Several houses, one trailer, and at least one vehicle were struck by downed trees and limbs. Some of the trees were large trees more than 100 years old.									
<b>Pope County</b>									
1 N Golconda	06	1555CST			0	0			Hail(0.75)
Scattered thunderstorms formed ahead of a cold front during the heat of the day. Isolated storms produced marginally severe wind and hail for relatively short periods of time.									
<b>Saline County</b>									
Harrisburg	06	2014CST 2245CST			0	0			Flash Flood
Several roads were closed due to flooding in Harrisburg, including South Main Street.									
<b>Wabash County</b>									
Mt Carmel	13	1734CST			0	0			Thunderstorm Wind (EG50)
Trees and large limbs were blown down. The winds were produced by a large complex of severe thunderstorms that passed southward across southwest Indiana.									



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### ILLINOIS, South

#### Edwards County

2 S Browns	13	1850CST			0	0	1K		Thunderstorm Wind (EG50)
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Power lines were blown down in rural parts of southeast Edwards County.

#### Wabash County

Countywide	13	1903CST			0	0	1K		Thunderstorm Wind (EG50)
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Power lines were blown down along Ladue Drive, and a few trees were down across the county.

#### Jefferson County

Scheller	14	0150CST			0	0	1K		Thunderstorm Wind (EG50)
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Large tree limbs were blown onto power lines.

#### Edwards County

Countywide	16	0130CST 0330CST			0	0	2K		Flash Flood
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Considerable flooding of roads was observed across the county. The three main highways across the county, Routes 130, 15, and 1, were all covered with at least 6 inches of water in places. Route 1 stayed badly flooded between Cowling and Grayville after the rain ended. Two cars were stranded in floodwaters on Route 130. Numerous county roads were flooded, along with city streets in Albion. No flooding of homes or businesses was reported.

#### Wabash County

Countywide	16 17	2154CST 0330CST			0	0			Flash Flood
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Lots of streets were flooded in Mount Carmel, including one street that was impassable. North and west of Mount Carmel, rural roads were reported to have plenty of water over them, and one was closed

Thunderstorms continually regenerated over southeast Illinois and moved southeast across the lower Wabash Valley. Rainfall totals were estimated around four inches during a time span of several hours.

#### Saline County

Harrisburg	22	1550CST 1601CST			0	0			Thunderstorm Wind (EG50)
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Numerous tree limbs were blown down across the county, primarily near and north of Harrisburg.

#### Jefferson County

Bluford	22	1710CST			0	0			Hail(0.75)
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#### Pope County

4 S Eddyville	22	1829CST			0	0			Hail(0.88)
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### INDIANA, Southwest

#### Gibson County

Countywide	04	1500CST 1515CST			0	0			Thunderstorm Wind (EG52)
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Numerous trees were blown down across the county.

#### Pike County

.5 S Petersburg	04	1538CST			0	0			Thunderstorm Wind (EG50)
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Small trees and large limbs were blown down on the south side of Petersburg

A line of severe thunderstorms moved east across the Wabash River from southern Illinois. These storms produced damaging winds across Gibson and Pike Counties.

#### Posey County

Countywide	05	1110CST 1123CST			0	0	20K		Thunderstorm Wind (MG50)
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A trained spotter measured a wind gust to 58 MPH in Wadesville, where utility poles were snapped. There was minor structural



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					Killed	Injured	Property	Crops	

### INDIANA, Southwest

damage to several homes in Marrs Township, which is in the southeast corner of the county. Two roofs were damaged in Marrs Township, and several utility poles were snapped. A large tree fell across Indiana Highway 68 west of Poseyville, blocking the roadway. Trees and power lines were down in Poseyville.

**Vanderburgh County**  
Evansville

**05 1135CST  
1140CST 0 1 300K Thunderstorm Wind (EG61)**

Wind speeds were estimated from 60 to 70 MPH at downtown Evansville, along the Ohio riverfront. Many trees were blown down across the city. At least a few houses received major damage due to falling trees. A large oak tree crashed through the living room and kitchen of a house, injuring one person inside. The person was treated for a hip injury at a local hospital. The Red Cross opened a temporary emergency shelter for those without power. Police barricaded numerous streets blocked by downed trees, utility poles, and power lines. One tree service estimated they received 90 calls to have downed trees removed from yards and houses. Falling trees also damaged vehicles.

**Warrick County**  
Newburgh

**05 1155CST 0 0 3K Thunderstorm Wind (EG50)**

Trees and power lines were blown down.

Widespread damaging winds occurred in association with a line of thunderstorms that crossed the Wabash River from southern Illinois, then tracked east-southeast across the Ohio River counties. At its peak, 32,000 utility customers were without power in Posey, Vanderburgh, and Warrick Counties. About 85 percent of those were in Posey and southern Vanderburgh Counties.

**Gibson County**  
Countywide

**13 1729CST  
1741CST 0 0 10K Thunderstorm Wind (EG52)**

Trees were blown down countywide, downing numerous power lines. The cities of Princeton and Oakland City were especially hard hit. A number of roads were closed.

**Pike County**  
Countywide

**13 1731CST  
1740CST 0 0 40K Thunderstorm Wind (EG55)**

Extensive damage to trees and power lines occurred. In Winslow, 100-year-old trees were blown down. At least one tree fell on a house and car. A barn was destroyed on Highway 61 near Arthur. Trees and power lines were down along Highway 57 south of Petersburg.

**Warrick County**  
Countywide

**13 1741CST  
1755CST 0 0 50K Thunderstorm Wind (EG56)**

Numerous trees were blown onto houses, vehicles, and power lines in Boonville, where wind gusts were estimated near 65 MPH. Large tree limbs were down 4 miles south of Mackey.

**Posey County**  
Poseyville

**13 1745CST 0 0 Thunderstorm Wind (EG50)**

Large tree limbs were blown down by gusts estimated from 50 to 60 MPH.

**Spencer County**  
Countywide

**13 1745CST  
1800CST 0 0 10K Thunderstorm Wind (EG55)**

Trees were blown down countywide. Trees landed on vehicles in St. Meinrad, and trees and power lines were down in Grandview

**Vanderburgh County**  
Dress Mem Arpt

**13 1755CST 0 0 Thunderstorm Wind (MG50)**

A wind gust to 58 MPH was recorded by the ASOS (Automated Surface Observing System) at the Evansville Airport

**Warrick County**  
2 S Chandler

**13 1825CST 0 0 Hail(0.88)**



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### INDIANA, Southwest

A well-organized complex of severe thunderstorms raced southward across southwest Indiana, producing widespread damaging winds. The strongest and most damaging winds were northeast of a line from Evansville to Princeton.

#### Gibson County

Johnson to  
2 E Owensville

	<b>16</b>	<b>2224CST</b>			<b>0</b>	<b>0</b>	<b>15K</b>		<b>Flash Flood</b>
	<b>17</b>	<b>0500CST</b>							

A number of roads were flooded, including a couple of primary roads. Roads that remained flooded after the rain ended included Highway 168, County Road 350S, and County Road 400W. Many county roads were washed out, and several were closed. Several motorists were stranded in floodwaters. The heaviest rain and most of the flooding was in the southwest and south central part of the county, mainly west of Fort Branch.

#### Vanderburgh County

Countywide

	<b>16</b>	<b>2313CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>17</b>	<b>0500CST</b>							

About 180 residences were damaged or affected by severe flash flooding. Street flooding was widespread. Numerous cars stalled on flooded roadways. Some motorists abandoned their vehicles, especially at the Virginia Street and Diamond Avenue viaducts. Water was four feet deep at the intersection of St. Joseph and Mill, and officials reported up to six feet of water in other spots. Mill Creek was reportedly 4 to 5 feet above bankfull. Extreme flash flooding on Locust Creek inundated a manufactured and mobile home park near McCutchanville, where 5 residences sustained major damage, 10 had minor damage, and 135 were affected. About 150 vehicles were submerged to a depth of at least four feet. 26 residences were evacuated by fire department boats, and the Red Cross activated a shelter for the evacuees. Within the Evansville city limits, about 30 homes were damaged by floodwaters, mostly in two "repetitive-loss" neighborhoods. In the "Five Points" neighborhood in Evansville, two homes sustained major damage, four had minor damage, and three were affected (water in crawlspace or basement). In the Dexter neighborhood of Evansville, one house received major damage and was uninhabitable. Nineteen other homes had minor flood damage, with water in the basement or slightly onto the first floor. In addition, two vehicles were heavily damaged when the motors became submerged. An unofficial rainfall total of 4.88 inches was received from downtown Evansville. Based on radar estimates and a couple of rainfall reports, the city of Evansville and much of western Vanderburgh County received four to eight inches of rain over a 5-hour time span.

#### Posey County

Wadesville to  
Cynthiana

	<b>17</b>	<b>0037CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Flash Flood</b>
		<b>0500CST</b>							

At least two vehicles were stranded in floodwaters in the Wadesville area. Many reports of road flooding were received in the St. Wendel area. Several roads were still flooded after the rain ended, and two roads were temporarily closed

#### INZ086

##### Vanderburgh

	<b>17</b>	<b>0500CST</b>			<b>0</b>	<b>0</b>	<b>750K</b>		<b>Flood</b>
		<b>1400CST</b>							

Numerous primary roads remained closed and barricaded due to high water levels from the previous night's thunderstorms. Some mobile home parks remained evacuated as the water levels were slow to recede

Thunderstorms continually regenerated over the Wabash Valley of southeast Illinois, then moved southeast across the Evansville metro area. The procession of storms over the same areas for several hours resulted in excessive rainfall totals and severe flash flooding. The swath of heaviest rain, from 4 to 8 inches, extended from western Gibson County across northeast Posey County and western Vanderburgh County.

#### Posey County

Stewartsville to  
Griffin

	<b>22</b>	<b>1340CST</b>			<b>0</b>	<b>0</b>	<b>30K</b>		<b>Thunderstorm Wind (EG61)</b>
		<b>1350CST</b>							

Wind gusts were estimated to at least 70 MPH by a spotter and an emergency manager. Numerous trees were blown down in Griffin



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### INDIANA, Southwest

and Stewartsville, some of which landed on houses, cars, and roadways.

#### Gibson County

<b>Oakland City</b>	22	1404CST			0	0			<b>Thunderstorm Wind (MG55)</b>
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A wind gust to 63 MPH was measured in Oakland City by a weather spotter for a local TV station

#### Pike County

<b>Petersburg to Winslow</b>	22	1414CST 1424CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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Numerous trees were blown down in the Petersburg, Winslow, and Campbelltown areas.

#### Posey County

<b>1 W Farmersville</b>	22	1815CST 1930CST			0	0			<b>Flash Flood</b>
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A small creek in rural western Posey County went over its banks and flooded a road. A series of thunderstorms moved over ground that was wet from recent heavy rain. Radar estimated rainfall rates from 1 to 2 inches per hour.

### KENTUCKY, Southwest

#### Henderson County

<b>Countywide</b>	05	1135CST 1145CST			0	0	40K		<b>Thunderstorm Wind (EG55)</b>
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Numerous trees and power lines were down throughout the county. A tree fell on a house in the Corydon area, resulting in considerable damage to the house. A large tree fell on a van. Kentucky 1078-North was blocked by a fallen tree, causing a minor accident.

#### Daviess County

<b>Countywide</b>	05	1200CST 1215CST			0	0	70K		<b>Thunderstorm Wind (MG55)</b>
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Numerous trees were blown down across the county. A wind gust to 55 knots (63 MPH) was measured at the Owensboro Airport. There were 40 separate reports of downed trees, including some blocking roads and others on houses. Shingles were torn off at least one house in Owensboro. A significant amount of the county was without power.

#### Daviess County

<b>Stanley</b>	05	1205CST			0	0			<b>Hail(0.88)</b>
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A complex of severe thunderstorms produced widespread damaging winds as it moved southeast across the Henderson and Owensboro areas.

#### Christian County

<b>Hopkinsville</b>	05	1220CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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Trees were blown down in Hopkinsville.

#### Trigg County

<b>Cadiz</b>	05	1235CST			0	0			<b>Thunderstorm Wind (EG50)</b>
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Several trees were blown down on Willow Lane and Old Dover Road.

#### Calloway County

<b>Murray</b>	05	1515CST			0	0			<b>Hail(0.75)</b>
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Dime size hail fell on the southwest side of Murray.

#### Daviess County

<b>Owensboro</b>	05	1240CST 1330CST			0	0			<b>Flash Flood</b>
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Radar estimated up to 2.5 inches of rain per hour in thunderstorms. Several roadways were flooded in Owensboro, and creeks rose out of their banks.

#### Christian County

<b>Countywide</b>	05	1300CST 1445CST			0	0			<b>Flash Flood</b>
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Radar estimated up to 3 inches of rain fell in an hour during thunderstorms. Flooding was reported in Hopkinsville, with 4 to 6



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inches of water across Highway 800.									
<b>Marshall County</b>									
Calvert City	06	1103CST			0	0			Hail(0.75)
<b>Livingston County</b>									
3 NW Grand Rivers	06	1130CST			0	0			Hail(0.75)
<b>Graves County</b>									
Mayfield	06	1200CST			0	0			Thunderstorm Wind (EG52)
About a dozen trees were blown down on the west side of Mayfield. The trees were mostly small Bradford Pear trees. Several other trees were down elsewhere in the city.									
<b>Christian County</b>									
Oak Grove	06	1245CST			0	0			Thunderstorm Wind (EG50)
Several large trees were blown down in the southern part of the county.									
<b>Trigg County</b>									
4 N Cadiz	06	1336CST			0	0			Hail(0.75)
<b>Webster County</b>									
Providence	06	1649CST			0	0			Thunderstorm Wind (EG50)
A spotter estimated wind gusts from 50 to 60 MPH. A tree fell across U.S. Highway 41-A.									
<b>Caldwell County</b>									
Cobb	06	2058CST			0	0			Thunderstorm Wind (EG50)
A co-operative observer estimated wind gusts from 50 to 60 MPH.									
Scattered thunderstorms developed across western Kentucky ahead of a cold front during the heat of the afternoon. Isolated storms produced marginally severe wind and hail for relatively short periods of time.									
<b>Trigg County</b>									
Cerulean to 3 SE Cadiz	09	2036CST 2115CST			0	0			Flash Flood
Radar estimated rainfall rates around 2 inches per hour in thunderstorms. Water was over a few roadways just southeast of Cadiz and near Cerulean.									
<b>Calloway County</b>									
Hamlin	11	2015CST			0	0			Hail(1.25)
<b>Calloway County</b>									
Hamlin	11	2015CST			0	0	7K		Thunderstorm Wind (MG78)
Several trees were uprooted, and an amateur radio tower was blown down. Numerous tree limbs were down between New Concord and Hamlin. A spotter's wind equipment measured a gust to 90 MPH.									
<b>Daviess County</b>									
Countywide	13	1807CST 1820CST			0	0	50K		Thunderstorm Wind (EG52)
Trees and power lines were blown down across the county. In Owensboro, shingles were blown off homes and large trees were down. About 7,000 Owensboro residences lost power. A business sustained significant roof damage, and a large plate glass window was shattered. A large section of roof at another business was torn apart. A large tree landed on a house in Owensboro, and another tree landed on a vehicle. Some power poles were broken. A spotter estimated wind gusts to 60 MPH.									
<b>Henderson County</b>									
Countywide	13	1815CST 1825CST			0	0	10K		Thunderstorm Wind (EG50)
A utility company reported about 30 trees down countywide, especially in Zion, Spottsville, and Geneva									



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### KENTUCKY, Southwest

#### Mclean County

Countywide	13	1835CST 1850CST			0	0	7K		Thunderstorm Wind (EG50)
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Trees and power lines were blown down across the county, including Calhoun and Livermore.

#### Hopkins County

Countywide	13	1900CST 1915CST			0	0	4K		Thunderstorm Wind (EG50)
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Trees and power lines were blown down in Madisonville and countywide, mainly in eastern portions of the county.

#### Muhlenberg County

Countywide	13	1900CST 1915CST			0	0	250K		Thunderstorm Wind (EG54)
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Winds estimated from 60 to 65 MPH downed numerous trees. Some of the trees landed on homes and businesses. County officials requested a state disaster declaration. Two houses were destroyed by fallen trees, one in Bremen and one in Greenville. Lots of trees were down along Highway 141 in Greenville. Some federal, state, and county roads were closed while trees were cleared from them.

#### Webster County

Sebree to Slaughters	13	1905CST 1910CST			0	0	3K		Thunderstorm Wind (EG50)
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Numerous tree limbs were down in the far eastern part of the county around Sebree. Some limbs were also down at Slaughters

#### Christian County

Countywide	13	1930CST 2000CST			0	0	3K		Thunderstorm Wind (EG50)
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Trees and power lines were blown down in Hopkinsville and across the county. Some roads were blocked temporarily by fallen trees. More than 6,000 customers were affected by power outages in the Hopkinsville area.

#### Todd County

Countywide	13	1930CST 2000CST			0	0			Thunderstorm Wind (EG52)
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The roof of a commercial building in Elkton was partially blown off. Trees were blown down countywide, including in the communities of Clifty, Claymore, and Allegr. Trees were down across roads in Allensville

#### Webster County

Providence	13	2017CST			0	0			Hail(0.88)
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#### Christian County

Pembroke	13	2100CST			0	0	50K		Lightning
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A historic church built in 1852, the Salem Baptist Church, was destroyed by a lightning-caused fire.

A large complex of severe thunderstorms raced southward from southwest Indiana across the Pennyrile region of western Kentucky. Widespread damaging winds accompanied this complex of storms. The strongest and most damaging winds were east of the Pennyrile Parkway, from Owensboro south across Greenville into Todd County. The wind damage was spottier and less intense from Henderson south across Madisonville to Hopkinsville.

#### Mclean County

Calhoun to Island	14	0348CST 0400CST			0	0	4K		Thunderstorm Wind (EG50)
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Trees and power lines were blown down in Calhoun and Island.

#### Hopkins County

Madisonville	14	0410CST			0	0			Thunderstorm Wind (EG50)
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Trees were down in Madisonville and rural areas of the county.





# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 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

#### Caldwell County

**9 ENE Princeton**      **14**      **0430CST**                     **0**      **0**                     **Thunderstorm Wind (EG50)**  
 A large tree and several limbs blocked two lanes of the Western Kentucky Parkway near the Hopkins County line

#### Hopkins County

**White Plains**      **22**      **1053CST**                     **0**      **0**      **100K**           **Thunderstorm Wind (EG60)**  
 Over 60 trees were blown down, and power lines were snapped. Some of the trees landed on houses and cars. Three vehicles were totalled, and four homes received structural damage due to falling trees. The localized damage was caused by a microburst.

#### Henderson County

**Henderson**      **22**      **1540CST**  
**1542CST**                     **0**      **0**                     **Hail(0.75)**  
 Dime size hail fell on the east side of Henderson.

#### Daviess County

**Utica**      **22**      **1610CST**                     **0**      **0**                     **Thunderstorm Wind (EG50)**  
 Trees were reported down at Utica.

#### Mclean County

**Livermore**      **22**      **1637CST**                     **0**      **0**                     **Thunderstorm Wind (EG50)**  
 Large tree limbs were blown down.

### MISSOURI, Southeast

#### Ripley County

**Doniphan**      **03**      **0243CST**  
**0410CST**                     **0**      **0**                     **Flash Flood**  
 Numerous streets were closed in Doniphan. Radar estimated about 2.5 inches of rain fell during three hours.

#### Perry County

**Perryville**      **06**      **1330CST**                     **0**      **0**      **5K**           **Thunderstorm Wind (EG50)**  
 Three utility poles were snapped, and trees were down on power lines.

#### Wayne County

**Silva**      **06**      **1350CST**                     **0**      **0**                     **Hail(0.75)**

#### Butler County

**Stringtown**      **06**      **1645CST**                     **0**      **0**      **2K**           **Thunderstorm Wind (EG50)**  
 Large trees were blown onto power lines.

#### Stoddard County

**3 S Dudley**      **06**      **1720CST**                     **0**      **0**                     **Hail(0.75)**

#### Stoddard County

**Dexter**      **06**      **1725CST**                     **0**      **0**      **5K**           **Thunderstorm Wind (EG50)**  
 Several trees were blown down, including some at East Park. The roof of a back deck was damaged

#### Mississippi County

**Charleston**      **06**      **1830CST**                     **0**      **0**      **7K**           **Thunderstorm Wind (EG52)**  
 Numerous trees and power poles were downed, and road sign poles were snapped. A utility company reported 15 different power outages in Charleston, most caused by trees falling on lines. A large tree fell over three vehicles. Numerous trees and limbs fell across roadways.

Scattered thunderstorms formed ahead of a cold front during the heat of the afternoon. Isolated storms produced marginally severe wind and hail for relatively short periods of time. The wind damage consisted mostly of damage to trees and utility poles and lines



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 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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### MISSOURI, Southeast

#### Butler County

<b>Poplar Bluff</b>	<b>06</b>	<b>1635CST 1800CST</b>			<b>0</b>	<b>0</b>	<b>4K</b>		<b>Flash Flood</b>
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Flooding occurred on U.S. Highway 67 in Poplar Bluff, where the water was deep enough to float vehicles. Several city streets and intersections were impassable due to the high water, and the street department closed them for three to four hours. The intersection of Highways 53 and 142 on the south side of Poplar Bluff was under water. Some cars were flooded out. There was an unofficial rainfall report of four inches of rain on the south side of the city.

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

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

<b>10 13</b>		<b>1100CST 1900CST</b>			<b>0</b>	<b>4</b>			<b>Excessive Heat</b>
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Several days of unusually high heat and humidity during the middle of July caused some health concerns. Daily high temperatures were in the lower to mid 90's from the 10th to the 13th. At Cape Girardeau, the highest temperature was 96 degrees on the 13th. The highest heat index value was 110 degrees on the 13th. The Red Cross opened a shelter for people to use as a cooling center. Area hospitals reported only 4 heat-related illnesses.

#### Cape Girardeau County

<b>Fruitland</b>	<b>22</b>	<b>1430CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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#### Cape Girardeau County

<b>1 N Jackson to Millersville</b>	<b>22</b>	<b>1430CST 1442CST</b>			<b>0</b>	<b>0</b>	<b>6K</b>		<b>Thunderstorm Wind (EG54)</b>
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About a mile north of Jackson, a barn sustained significant wind damage, with roofing debris blown across the property of a farm. A house on the farm received minor damage to its facade. A few trees were down in Millersville. A tree fell onto a car on Highway 61 in Jackson.

#### Perry County

<b>Brewer</b>	<b>22</b>	<b>1510CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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#### Cape Girardeau County

<b>Jackson to Fruitland</b>	<b>22</b>	<b>1450CST 1700CST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Six inches of water was over U.S. Highway 61 at Jackson. On Route D north of Jackson, about six inches of water flooded the road. Hubble Creek was out of its banks. A spotter in Fruitland reported rainfall of 2.5 inches in less than an hour, and close to 5.5 inches in two hours. Nearly stationary thunderstorms produced the flash flooding

#### Stoddard County

<b>2 E Puxico</b>	<b>23</b>	<b>1520CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG52)</b>
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A trained spotter estimated a wind gust to 60 MPH.

#### New Madrid County

<b>Marston to Lilbourn</b>	<b>23</b>	<b>1725CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Thunderstorm Wind (EG52)</b>
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Large tree limbs were blown down in Lilbourn, including one that punctured a roof. In Marston, a wind gust was estimated near 60 MPH by the general public.