



# National Weather Service

## Storm Data and Unusual Weather Phenomena



April 2004

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

**ILZ087**                      **Gallatin**

	<b>19</b>	<b>0900CST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
	<b>24</b>	<b>0900CST</b>							

The Ohio River rose above flood stage at Shawneetown for several days. The river crested at 36.0 feet on the Shawneetown gage, exactly three feet over flood stage. This resulted in minor flooding of low-lying fields and woods in the vicinity of the river.

**Jackson County**  
**Grand Tower**

	<b>24</b>	<b>2011CST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
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Multiple reports of a funnel cloud were received with a supercell thunderstorm as it crossed the Mississippi River near Grand Tower. This storm had a history of funnel clouds and a tornado in Cape Girardeau County, Missouri.

**Massac County**  
**Metropolis**

	<b>30</b>	<b>1535CST</b>			<b>0</b>	<b>0</b>	<b>4K</b>		<b>Thunderstorm Wind (EG50)</b>
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**Johnson County**  
**3 N Vienna**

	<b>30</b>	<b>1537CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**Massac County**  
**Countywide**

	<b>30</b>	<b>1550CST</b> <b>1600CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**Pope County**  
**5 N Eddyville**

	<b>30</b>	<b>1600CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**Saline County**  
**8 S Harrisburg**

	<b>30</b>	<b>1609CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**Wayne County**  
**1 SW Fairfield**

	<b>30</b>	<b>1620CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**White County**  
**3 SSE Carmi**

	<b>30</b>	<b>1630CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**Wabash County**  
**Patton**

	<b>30</b>	<b>1705CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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A line of thunderstorms intensified as it moved east across southern Illinois. East of Interstate 57, there were scattered reports of wind damage. All reports of wind damage consisted of trees and power lines blown down. At least one tree fell onto a house in Metropolis. Trees were blown down across Highway 145 in two places: about 8 miles south of Harrisburg in Saline County and between Eddyville and Delwood in Pope County.

### INDIANA, Southwest

**INZ085-087>088**                      **Posey - Warrick - Spencer**

	<b>18</b>	<b>1800CST</b>			<b>0</b>	<b>0</b>			<b>Flood</b>
	<b>22</b>	<b>1800CST</b>							

Minor flooding of the Ohio River occurred. At the Newburgh Lock and Dam gage, where flood stage is 38 feet, the river crested at 41.25 feet on the 20th. At the Mount Vernon gage, where flood stage is 35 feet, the river crested at 36.80 feet on the 21st. The result was flooding of some low-lying woods and fields in the vicinity of the river.

**Posey County**  
**Mt Vernon**

	<b>30</b>	<b>1655CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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**Gibson County**  
**Countywide**

	<b>30</b>	<b>1700CST</b> <b>1715CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (EG50)</b>
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### INDIANA, Southwest

<b>Vanderburgh County</b>									
3 ESE Evansville	30	1735CST			0	0	1K		Thunderstorm Wind (EG50)
<b>Warrick County</b>									
Lynnville	30	1750CST			0	0	2K		Thunderstorm Wind (EG50)
<b>Spencer County</b>									
Gentryville to 2 S Dale	30	1803CST 1818CST			0	0			Thunderstorm Wind (EG50)

A line of thunderstorms moved east-northeast across southwest Indiana, producing scattered reports of wind damage. Nearly all the damage reports consisted of tree and power line damage. One exception was in the "Angel Mounds" area of southeast Vanderburgh County near Evansville, where shingles were blown off roofs and underpinnings were off trailers. In Lynnville in Warrick County, trees and power lines fell across Highway 68.

### KENTUCKY, Southwest

#### **KYZ006-009-012-016>017- Graves - Calloway - Trigg - Hopkins - Christian - Daviess - Mclean - Muhlenberg - Todd 019>022**

13	0500CST 1000CST			0	0				Winter Weather/Mix
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One of the latest spring snows on record occurred over parts of western Kentucky. The highest accumulation of 4.7 inches was measured in southern Muhlenberg County. Elsewhere, accumulations were generally 1 to 3 inches over the Pennyriple region, from the Owensboro area south to the Hopkinsville area. Three inches was reported at Central City in northern Muhlenberg County and at Whitesville in eastern Daviess County. Up to 2 inches of snow was measured along the Tennessee border south of Mayfield and Murray. Despite rather warm ground temperatures, the snow fell hard enough to accumulate on roadways. Two fatal vehicle accidents in Muhlenberg County were blamed on hazardous road conditions. On the Western Kentucky Parkway, a van skidded on ice and crossed the median, striking a tractor-trailer rig head on. Three persons in the van were killed. The westbound lanes of the parkway were closed for several hours. Another accident on Kentucky 601 near Graham took the life of a 43-year-old man. The man's pickup truck slid sideways into the path of an oncoming vehicle. About a dozen other accidents occurred in Muhlenberg County, and close to 40 accidents or slide-offs occurred in Christian County / Hopkinsville. The heavy wet snow brought down some tree limbs. A few power outages were reported in Hopkinsville, and cable lines were down near Central City. The late winter weather created very unusual scenes of tulip blossoms and other spring flowers covered with snow. Snow removal efforts were delayed due to the fact some highway maintenance crews had put away their plows and salt spreaders until next winter. The snow was caused by a low pressure system moving across the Tennessee Valley combined with an upper level low approaching from the northwest.

#### **KYZ021**

<b>Muhlenberg</b>									
24	0800CST			0	0				Flood
28	0800CST								

Minor flooding of the Green River occurred. At the Paradise Fossil Plant gage, the river crested at 384 feet on the 26th, which was four feet above flood stage. This resulted in minor flooding of fields and woods in the vicinity of the river.

#### **Ballard County**

Wickliffe	30	1521CST			0	0			Hail(1.00)
<b>Ballard County</b>									
Wickliffe to La Center	30	1521CST			0	0			Thunderstorm Wind (EG56)

A spotter on U.S. Highway 60 in La Center estimated wind gusts to 65 MPH. Trees were blown down in Wickliffe



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### KENTUCKY, Southwest

#### McCracken County

<b>Heath to Paducah</b>	30	1536CST 1547CST			0	0	50K		<b>Thunderstorm Wind (EG52)</b>
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Trees were blown down at many locations across the county. Power lines landed on several houses. A tree landed on a house in West Paducah, and another tree landed on apartments in Paducah. A utility pole grazed a mobile home in the Lone Oak area. An off-duty National Weather Service employee estimated wind gusts to 60 MPH on Interstate 24 in Paducah.

#### Ballard County

<b>La Center</b>	30	1538CST			0	0			<b>Hail(0.75)</b>
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#### Graves County

<b>Mayfield</b>	30	1608CST			0	0			<b>Hail(0.75)</b>
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#### Livingston County

<b>Salem to Grand Rivers</b>	30	1625CST			0	0	5K		<b>Thunderstorm Wind (EG56)</b>
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Wind damage was reported between Salem and Grand Rivers. Trees, power lines, and power poles were blown down. Structural damage occurred near Salem.

#### Lyon County

<b>Eddyville</b>	30	1630CST			0	0			<b>Hail(0.75)</b>
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#### Henderson County

<b>Henderson</b>	30	1720CST			0	0			<b>Thunderstorm Wind (EG52)</b>
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#### Daviess County

<b>Owensboro</b>	30	1801CST			0	0			<b>Hail(0.75)</b>
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An isolated severe thunderstorm that crossed into western Kentucky from Cairo, Illinois evolved into a line of thunderstorms as it progressed east. This line of thunderstorms produced scattered pockets of damaging wind, mostly along and north of a line from Paducah to Owensboro. Several thousand utility customers were without power in Ballard, McCracken, and Livingston Counties. Isolated occurrences of large hail occurred across far western Kentucky.

#### Ballard County

<b>Countywide</b>	30	1552CST 1620CST			0	0			<b>Flash Flood</b>
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#### McCracken County

<b>Paducah</b>	30	1615CST 1700CST			0	0			<b>Flash Flood</b>
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Numerous streets were flooded in McCracken and Ballard Counties. In Paducah, a railroad underpass on U.S. Route 45 experienced major flooding. A vehicle stalled in the floodwaters, and the underpass became impassable. At a K-Mart parking lot in Lone Oak, a vehicle was trapped by rising water. A line of thunderstorms produced very heavy rain that caused significant street flooding lasting about an hour in duration.

#### McLean County

<b>Livermore to 5 N Livermore</b>	30	1829CST 1930CST			0	0			<b>Flash Flood</b>
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Six to eight inches of water was reported on numerous sections of Highway 431 between Livermore and the Daviess County line. A line of thunderstorms produced heavy rain on ground that was already moist from rain during the early morning hours.

### MISSOURI, Southeast

#### Carter County

<b>Van Buren</b>	21	1847CST			0	0			<b>Hail(1.00)</b>
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#### Carter County

<b>Van Buren</b>	21	1908CST			0	0			<b>Hail(0.75)</b>
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					Killed	Injured	Property	Crops	

### MISSOURI, Southeast

Two separate severe thunderstorms produced large hail in and near Van Buren over a 20 to 30-minute period.

#### **Carter County**

**3.2 SW Ellsinore to  
4.8 NNE Ellsinore**

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

#### **Ripley County**

**6 W Naylor**

24	1642CST			0	0			<b>Hail(0.75)</b>
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#### **Wayne County**

**4 SSW Patterson to  
Patterson**

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

#### **Stoddard County**

**3.5 SW Puxico**

24	1803CST			0	0			<b>Funnel Cloud</b>
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#### **Bollinger County**

**8 SW Marble Hill**

24	1838CST			0	0			<b>Hail(0.75)</b>
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#### **Cape Girardeau County**

**.5 W Crump to  
2 W Tilsit**

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

#### **Cape Girardeau County**

**Burfordville to  
Pocahontas**

24	1915CST 1922CST			0	0			<b>Funnel Cloud</b>
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Numerous funnel clouds were reported along the path of a supercell thunderstorm that tracked northeast across Cape Girardeau County.

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

#### **Ripley County**

**Countywide**

24	1700CST 1900CST			0	0			<b>Flash Flood</b>
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#### **Butler County**

**2 S Poplar Bluff**

24	1835CST 2000CST			0	0			<b>Flash Flood</b>
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### MISSOURI, Southeast

#### Wayne County

Countywide	24	1855CST 2045CST			0	0	5K		Flash Flood
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#### Bollinger County

Countywide	24	1925CST 2050CST			0	0			Flash Flood
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Localized flash flooding of roads and creeks occurred as a series of thunderstorms crossed parts of southeast Missouri. South of Poplar Bluff, water was over County Road 323. In Wayne County, a few state and county roads were closed due to high water, and a few county roads were washed out. In Ripley County, creeks overflowed across low water bridges. Water was reported over some roads in Bollinger County, but no road closures were required. This flooding was caused by thunderstorms that produced heavy rain over ground saturated from recent heavy rain. At Poplar Bluff, 1.50 inches of rain fell from these storms, bringing the rainfall total for the April 21-24 period to 3.54 inches. The total for the same period at Doniphan was 4.98 inches, and at Van Buren was at least 4.61 inches.

#### Cape Girardeau County

9 W Jackson	30	1425CST			0	0			Thunderstorm Wind (EG50)
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Four to six trees were blown down on Highway UU near the Bollinger County line.

#### Mississippi County

Bertrand	30	1455CST			0	0			Hail(0.75)
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