



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
ILLINOIS, South									
Union County									
Anna	04	2000CST			0	0			Hail(0.75)
Johnson County									
Vienna	04	2038CST			0	0			Hail(0.75)
A thunderstorm tracked east across southern Illinois, beginning near Anna and exiting into Kentucky from Hardin County. The storm produced sporadic reports of hail up to dime size.									
ILZ087									
Gallatin									
	15	0900CST			0	0			Flood
	17	2000CST							
The Ohio River crested one foot above the 33-foot flood stage at Shawneetown. This resulted in minor flooding of low-lying fields									
Edwards County									
2 N West Salem	20	1220CST			0	0			Hail(0.75)
Wabash County									
Mt Carmel	20	1230CST			0	0			Hail(0.75)
Wabash County									
Keensburg to Friendsville	20	1325CST 1330CST			0	0			Hail(0.88)
Two rounds of thunderstorms over the lower Wabash Valley during the early afternoon hours produced hail ranging from dime to nickel size.									
ILZ076									
Wayne									
	24	1100CST			0	0	1K		Strong Wind
Strong wind gusts blew down a couple of trees. Cast iron furniture was blown off a porch. The winds were not directly related to thunderstorms. These localized winds may have been related to a mesoscale pressure feature in the wake of showers and thunderstorms that passed through about an hour earlier.									
Jackson County									
Murphysboro to 1 S (Mdh)Crbndl/Mrfyst	24	1559CST 1603CST			0	0			Hail(1.00)
Franklin County									
Mulkeytown to Whittington	24	1620CST 1630CST			0	0			Hail(1.25)
Jefferson County									
Nason	24	1636CST			0	0			Hail(1.00)
Jefferson County									
Mt Vernon	24	1655CST			0	0			Hail(2.75)
A thunderstorm began producing large hail, up to quarter size, in the Murphysboro area. This storm moved northeast across Franklin County, producing hail up to the size of half dollars at Mulkeytown. The storm intensified further as it moved northeast across Jefferson County, producing hail up to baseball size on the southeast side of Mount Vernon.									
Alexander County									
East Cape Girardeau	25	0648CST			0	0			Hail(1.25)
Johnson County									
Vienna to 7 E Vienna	25	0825CST 0832CST			0	0			Hail(1.75)
Golf ball size hail occurred at the state prison east of Vienna. Dime size hail fell in Vienna.									
Alexander County									
2 NNW Unity to 2 N Unity	25	1343CST 1344CST	0.3	30	0	0			Tornado (F0)



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ILLINOIS, South



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

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

Pulaski County									
Pulaski	25	1404CST			0	0			Hail(0.75)
Alexander County									
1 W Tamms	25	1450CST 1600CST			0	0	2K		Flash Flood
A county road was closed due to flooding.									
ILZ084									
Jackson									
	27	1900CST			0	0			Flood
	30	2359CST							
The Big Muddy River rose less than a foot above flood stage at Murphysboro. This resulted in very minor flooding of low-lying fields.									
Jefferson County									
Bluford to Mt Vernon	28	1300CST 1305CST			0	0	100K		Thunderstorm Wind (G60)
Two businesses in Mount Vernon were unroofed. The roof of an auto parts store was blown into the parking lot, landing on top of a vehicle. Rain damaged the inventory of the store. A florist shop was partially unroofed. A dry goods store sustained some damage when a sign on top of the store blew down. Numerous trees were blown down in Mount Vernon, near Bluford, and around Dix									
Union County									
Cobden	29	1614CST			0	0			Hail(1.00)



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ILLINOIS, South

Union County

Cobden	29	1638CST 1642CST			0	0			Hail(1.25)
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Union County

Anna	29	1655CST			0	0			Hail(1.25)
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Union County

Countywide	29	1730CST 1800CST			0	0			Flash Flood
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A complex of severe thunderstorms produced large hail and flash flooding over Union County. The hail ranged from quarter to golf-ball size. At least 60 reports of hail damage were reported to insurance companies. Flash flooding of streets was videotaped by news media. A thunderstorm with torrential rain persisted for about an hour between Anna and Cobden.

Johnson County

3 S Vienna	29	1757CST			0	0			Hail(1.00)
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Massac County

New Columbia to 1 E Round Knob	29	1800CST 1810CST			0	0			Hail(0.88)
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Massac County

New Columbia	29	1915CST			0	0			Hail(0.88)
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Severe thunderstorms developed over Massac County and southern Johnson County, producing dime to nickel size hail at New Columbia and just east of Round Knob. Quarter size hail fell a few miles south of Vienna.

INDIANA, Southwest

Warrick County

Newburgh to 7 E Newburgh	04	2115CST 2130CST			0	0	2K		Thunderstorm Wind (G50)
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Spencer County

Richland City to Grandview	04	2135CST 2145CST			0	0			Thunderstorm Wind (G50)
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A severe thunderstorm tracked eastward along the north side of the Ohio River, producing some tree damage. Seven trees and a traffic light were blown down in Newburgh. Several more trees were blown down along a path extending east of Newburgh to Grandview in Spencer County.

INZ087

Warrick

14	0300CST			0	0			Flood
16	0300CST							

The Ohio River rose a couple of inches above flood stage at the Newburgh Lock and Dam, where flood stage is 38 feet. Minor flooding of low-lying fields occurred.

Pike County

2 W Petersburg	17	1430CST			0	0			Funnel Cloud
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A funnel cloud was observed just west of Petersburg. The funnel cloud, which was photographed from a power plant near Petersburg, was reported by numerous people. No damage or confirmation of a touchdown could be obtained. The funnel cloud was one of several reported in the Wabash Valley region and southwest Indiana during the day. The funnels were associated with showers occurring under a cold upper level low.

Pike County

Petersburg	20	1502CST			0	0			Hail(0.75)
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Gibson County

Mackey	20	1503CST			0	0			Hail(0.75)
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INDIANA, Southwest

Pike County

Velpen	20	1519CST			0	0			Hail(1.00)
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A severe thunderstorm developed over southeast Gibson County and moved northeast across Pike County. Dime to quarter size hail was reported along its path. Winds gusted to around 50 MPH at Mackey.

Warrick County

4 SW Tennyson to .3 N Tennyson	20	1523CST 1525CST			0	0			Hail(2.50)
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Spencer County

Dale	20	1530CST			0	0			Hail(1.00)
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A severe thunderstorm moved northeast along the Warrick/Spencer County line, producing very large hail along its track. Hailstones were reported up to 2.5 inches in diameter, nearly baseball size, four miles southwest of Tennyson. Quarter size hail was reported elsewhere.

Warrick County

Boonville to 1 N Boonville	20	1550CST			0	0			Hail(2.50)
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A severe thunderstorm moved east across Warrick County, producing very large hail near Boonville. Hail was reported to be 2.5 inches in diameter, nearly baseball size, just north of Boonville. The hail broke windows and damaged vehicles.

Spencer County

Patronville	20	1645CST			0	0			Hail(1.00)
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A severe thunderstorm tracked east across extreme southern parts of the county, producing large hail.

Spencer County

St Meinrad	20	2000CST			0	0			Thunderstorm Wind (G50)
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A co-operative observer reported numerous tree limbs and a couple of trees down.

KENTUCKY, Southwest

Henderson County

Henderson	04	2114CST			0	0			Thunderstorm Wind (G50)
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A wind gust to 58 MPH was measured at an automated observing station at the Henderson airport. A trained spotter in the area estimated gusts to 70 MPH.

Fulton County

Hickman	04	2145CST			0	0			Hail(0.75)
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Christian County

.4 W Crofton to .2 E Crofton	20	1439CST 1441CST			0	0	15K		Thunderstorm Wind (G61)
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Christian County

.5 W Crofton to .4 W Crofton	20	1439CST	0.1	50	0	0	1K		Tornado (F1)
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Christian County

Crofton	20	1441CST			0	0			Hail(1.75)
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Muhlenberg County

Rosewood	20	1506CST			0	0			Hail(1.00)
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A supercell thunderstorm moved east across northern Christian County and extreme southern Muhlenberg County, producing a swath of large hail and a weak tornado. The only reported wind damage was in and near Crofton. A National Weather Service damage survey concluded a brief tornado downed numerous trees in a wooded area half a mile west of town. The remainder of the damage, including nearly all the property damage, was caused by straight-line winds. Numerous trees were uprooted and pushed over onto fences and other non-residence structures. Two barns were damaged, and a large plate glass window was broken in a store. The damage area ended at Old Madisonville Road on the east side of Crofton. Peak winds were estimated near 80 MPH in the tornado and 60 to 70 MPH in the straight-line wind gusts. Witnesses reported that golf-ball size hail accompanied the damaging



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KENTUCKY, Southwest

straight-line winds at Crofton.

Union County									
Morganfield	20	1600CST			0	0	2K		Hail(1.00)
Union County									
6 NE Morganfield	20	1605CST			0	0	10K		Thunderstorm Wind (G55)
Henderson County									
Corydon	20	1615CST			0	0	3K		Thunderstorm Wind (G50)
Daviess County									
Stanley	20	1635CST			0	0	5K		Hail(1.00)
Daviess County									
Yelvington to Maceo	20	1652CST 1658CST			0	0	3K		Hail(1.00)

A severe thunderstorm developed over eastern Union County, damaging a barn northeast of Morganfield on Highway 359. The roof and walls were blown off the barn, and a tool shed was damaged. In Morganfield, a vehicle was damaged by hail. The severe thunderstorm then moved east across Henderson County, passing just south of Henderson. Trees and signs were blown down in Corydon, and a tin roof was blown off a garage. At least one tree landed on a house. The storm continued east across the northwest corner of Daviess County, producing quarter-size hail at Stanley. Wind-blown hail dented vehicles and the siding of houses. The storm passed just north of Owensboro into Indiana, then clipped the northeast corner of Daviess County as it moved east.

Calloway County

Murray to Almo	20	1609CST 1615CST			0	0			Hail(1.75)
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Large hail fell throughout the city of Murray. The hailstones were the size of golf balls. The storm continued to produce golf-ball size hail as far north as Almo, before weakening.

Trigg County

Linton	20	1650CST			0	0			Hail(0.75)
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Webster County

Sebree	20	1700CST			0	0			Thunderstorm Wind (G52)
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A barn was pushed off its foundation. The structure was left intact.

Daviess County

St Joseph	20	1725CST			0	0			Hail(0.75)
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Daviess County

Owensboro to Philpot	20	1735CST 1750CST			0	0			Hail(2.00)
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Hail up to 2 inches in diameter was reported in Owensboro, mainly on the southwest side.

Mclean County

Beech Grove	20	1800CST			0	0			Hail(1.00)
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Daviess County

1 S Owensboro	20	1840CST			0	0			Thunderstorm Wind (G50)
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A couple of trees were blown down across a road

KYZ004

Ballard

24	0700CST			0	0	1K			Strong Wind
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Strong easterly winds gusted to around 50 MPH, bringing down tree limbs at Barlow. Several small trees were blown down near Bandana, including a couple across roads. The winds were not directly related to thunderstorms. These localized winds occurred about an hour after the passage of showers and thunderstorms, and may have been related to a mesoscale pressure feature.



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<u>KENTUCKY, Southwest</u>									
Carlisle County									
Milburn	24	2214CST			0	0			Hail(0.75)
Calloway County									
Murray	25	0839CST 0844CST			0	0			Hail(0.75)
					Numerous reports of dime size hail were received from the city of Murray.				
Muhlenberg County									
Central City	25	1145CST			0	0			Hail(0.75)
Marshall County									
3 NE Sharpe to 4 NE Sharpe	25	1509CST 1512CST	1.5	100	0	0	30K		Tornado (F1)
					The tornado began along U.S. Highway 62 in the community of Possum Trot. It tracked along the north side of Highway 62, ending near the intersection of Highways 1413 and 62. Peak winds were estimated near 75 MPH. Damage was mainly to sheds and garages, which received varying degrees of damage. Mobile homes also sustained some damage. Numerous trees and limbs were down, including a few on houses. The funnel was photographed from a considerable distance.				
Marshall County									
Gilbertsville	25	1525CST			0	0			Hail(0.88)
					Nickel size hail fell very near Kentucky Dan.				
Livingston County									
Smithland	29	1805CST			0	0			Hail(0.75)
Livingston County									
1.5 E Smithland to Smithland	29	1839CST 1853CST			0	0			Hail(1.00)
Ballard County									
La Center	29	1849CST			0	0			Hail(0.75)
Ballard County									
Hinkleville	29	1857CST			0	0			Hail(1.00)
Mccracken County									
3 SW (Pah)Barkley Arpt	29	1913CST			0	0			Hail(0.75)
Livingston County									
Ledbetter	29	1918CST			0	0			Hail(0.75)
					Severe thunderstorms produced dime to quarter size hail at several locations from Lacerter in Ballard County to Smithland in Livingston County.				
Livingston County									
Smithland	29	1915CST 2200CST			0	0			Flash Flood
					Two to three feet of water was reported in the basements of a couple homes. A foot of water was reported at the fire station at Smithland. Six to eight inches of water was over U.S. Highway 60 just west of Smithland.				
Lyon County									
2 WSW Kuttawa	29	1923CST			0	0			Hail(1.50)
Caldwell County									
Princeton	29	2030CST			0	0	3K		Thunderstorm Wind (G55)
Christian County									
.5 N Hopkinsville	29	2042CST			0	0			Hail(0.88)
					A complex of severe thunderstorms moved east across Lyon and Caldwell Counties, then southeast through Christian County. Large hail, nearly the size of golf balls, fell at Suwanee, which is near Kuttawa. A camper trailer was overturned in Princeton, and two large trees were blown down on the north side of Princeton. Nickel size hail fell on the north side of Hopkinsville.				



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MISSOURI, Southeast

Carter County									
Fremont to Van Buren	04	1639CST 1645CST			0	0			Hail(0.75)
Carter County									
7 E Van Buren	04	1755CST			0	0			Hail(1.00)
Ripley County									
Doniphan	04	1900CST			0	0			Hail(0.88)
Butler County									
5 SW Poplar Bluff to 9 S Poplar Bluff	04	1906CST 1914CST			0	0			Hail(0.88)
Butler County									
Poplar Bluff	04	1921CST 1929CST			0	0			Hail(1.75)
Stoddard County									
2 W Dexter	04	1930CST			0	0			Hail(1.25)
Scott County									
.5 NW Sikeston	04	1957CST			0	0			Hail(0.75)
Stoddard County									
Dexter to 5.5 SE Dexter	04	1958CST			0	0			Hail(1.75)
Stoddard County									
10 SE Dexter	04	1959CST			0	0			Funnel Cloud
New Madrid County									
Morehouse	04	2017CST			0	0			Hail(0.75)
Stoddard County									
Charter Oak	04	2026CST			0	0			Hail(1.00)

Severe thunderstorms produced large hail at numerous locations across southeast Missouri, mainly along and south of U.S. Highway 60. The largest and most damaging hailstorms were from Poplar Bluff to Dexter. Hail ranging from dime to golf-ball size covered the ground in Poplar Bluff, especially the southern end of the city. Quarter to golf-ball size hail occurred in and near Dexter. Vehicles were dented and windshields were cracked. Wind gusts to 50 MPH were measured in the Dexter area. An awning was torn off a home on State Route 25. The most intense thunderstorm of the night displayed supercellular characteristics as it passed near Dexter. A funnel cloud was reported about 10 miles southeast of Dexter.

Carter County									
1 E Van Buren	06	0945CST			0	0			Hail(0.75)
Stoddard County									
Dexter	06	1254CST			0	0			Hail(0.75)

Pea to dime size hail covered the ground at Van Buren and Dexter.

MOZ087-109-111 Cape Girardeau - Butler - Scott									
16	0900CST 1300CST				0	0	6K		Strong Wind

Gusty south winds of 40 to 50 MPH across southeast Missouri brought down some tree limbs and trees. A 5-foot diameter tree, estimated to be 100 feet tall, was blown down in Sikeston. Sikeston public works employees cleaned up over a dozen fallen trees. Peak wind gusts at the Cape Girardeau Airport were measured at 44 MPH. At Poplar Bluff, the strong winds caused extensive power outages that left about half the city without power. A severed power line created a small grass fire in Poplar Bluff. A sign was blown over onto a parked truck. A few trees and power lines were blown down in the city of Cape Girardeau.

Stoddard County									
6 ENE Bernie	16	2100CST			0	0	35K		Thunderstorm Wind (G61)



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MISSOURI, Southeast

A thunderstorm wind gust blew down a machine shed on a farm off County Road 766. Based on a National Weather Service damage survey, peak winds of 65 to 70 MPH destroyed the 50 by 45 foot structure.

Bollinger County
Sedgewickville

24	1540CST				0	0			Hail(0.75)
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Dime size hail covered the ground.

Perry County
2 NE Biehle

24	1555CST				0	0			Hail(0.75)
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Ripley County
Poynor

24	2032CST				0	0			Hail(1.75)
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Butler County
9 S Poplar Bluff

24	2133CST				0	0			Hail(0.75)
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A severe thunderstorm produced large hail as it moved northeast from Arkansas across southern Ripley County, then east along the southern border of Butler County. The largest hail, up to golf ball size, fell over southwest and south central Ripley County. The storm weakened over southern Butler County, producing hail only to the size of dimes

Cape Girardeau County
Fruitland

24	2041CST				0	0			Hail(0.88)
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New Madrid County
Portageville

24	2228CST				0	0			Hail(0.75)
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Wayne County
2 N Piedmont

25	0506CST				0	0			Hail(1.00)
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Cape Girardeau County
Jackson

25	0730CST				0	0	2K		Lightning
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Lightning struck the power lines supplying the Jackson police and fire headquarters. The communications and computer capabilities of the public safety departments were negatively impacted.

Bollinger County
Bessville to Patton

25	1030CST 1400CST				0	0	2K		Heavy Rain
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Cape Girardeau County
Jackson to Cape Girardeau

25	1100CST 1430CST				0	0	2K		Flash Flood
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Low water crossings on several county roads in northern Bollinger County were impassable as a result of heavy rain. One low water crossing on County Road 350 was washed out. Road crews repaired it within a few days. A low water bridge on County Road 848 near Bessville was covered by fast-moving water from Crooked Creek. Thunderstorm rains closed down nine Cape Girardeau streets, and at least one motorist was stranded. In Jackson, water leaked into the basement of the city's police and fire department headquarters.

Mississippi County
2 SE Charleston

25	1150CST				0	0			Funnel Cloud
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A narrow rope-like funnel was observed in the Charleston area. The funnel cloud was photographed from the city. It was reportedly snaking in and out of the parent cloud, and extended as much as 60 percent of the way to the ground. No thunderstorms were occurring in the vicinity of the funnel cloud, which formed beneath very cold air aloft associated with an upper level low

Perry County
2 W Silver Lake to Silver Lake

29	1442CST 1454CST				0	0			Hail(1.75)
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