



National Weather Service

Storm Data and Unusual Weather Phenomena



June 1997

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

ILZ087-092>094

Gallatin - Alexander - Pulaski - Massac

01	0001CST								
26	1400CST			0	0				Flood

The Ohio River crested above flood stage twice during the month at a few points. The flooding was considered to be minor bottomland flooding, except where farmers had planted crops. Bottomland cropland flooding destroyed or damaged thousands of acres.

ILZ084

Jackson

01	0001CST								
29	2100CST			0	0	3K			Flood

The Big Muddy River was above flood stage during most of the month at Murphysboro. The first crest on June 4 was 25.7 feet, well above the 16-foot flood stage. The river briefly dropped below flood stage from the 12th to the 15th, then crested at 21.9 feet on the 21st. The effects of this flooding were felt mainly by farmers who planted in agricultural bottomlands. In Murphysboro, parts of Riverside Park on the city's southwest side were under water, but no streets were closed and no homes had been evacuated.

Franklin County

Akin

06	1500CST								
	1600CST			0	0				Flash Flood

Radar estimated rainfall rates from 2 to 2.5 inches per hour over a small portion of the county between Benton and Akin.

Wayne County

Fairfield

06	1645CST								
	1745CST			0	0				Flash Flood

Radar estimated rainfall rates from 2 to 3 inches per hour between Enterprise, Golden Gate, and Fairfield. About 6 inches was estimated to have fallen over a six hour period.

Franklin County

Royalton

06	1750CST								
				0	0				Hail(0.75)

Williamson County

1 S Hurst

06	1755CST								
				0	0				Hail(1.00)

Jackson County

Carbondale

06	2120CST								
				0	0				Hail(0.75)

A n isolated thunderstorm became severe over the southwest corner of Franklin County and then drifted slowly south into the northwest corner of Williamson County. Several reports of dime to quarter size hail were received with this storm. No reports of wind damage were received. Later in the evening, another cell briefly produced dime size hail in Carbondale, but this storm was not as strong as the earlier one.

Williamson County

Marion

13	1053CST								
				0	0				Hail(0.75)

Johnson County

Buncombe

13	1055CST								
				0	0				Thunderstorm Wind (50)

The county sheriff reported trees down across Route 37.

White County

2 S Epworth

13	1055CST								
				0	0	30K			Thunderstorm Wind (60)

A barn was heavily damaged, and two nearby houses sustained some damage.

Franklin County

West Frankfort

13	1850CST								
				0	0	30K			Thunderstorm Wind (50)

Trees were down in the city. At least one home was damaged when a large branch fell on it

Jackson County

Murphysboro

13	1915CST								
				0	0	5K			Thunderstorm Wind (50)

Tree limbs and power lines were blown down.



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ILLINOIS, South

Alexander County

Olive Branch **13** **1925CST** **0** **0** **Thunderstorm Wind (50)**
The county road department reported trees and limbs were blown down near Olive Branch and Miller City

Union County

Cobden **13** **1930CST** **0** **0** **Hail(0.88)**
Nickel size hail was also reported near Licking Creek

Johnson County

**Belknap to
Buncombe** **13** **1945CST** **0** **0** **Thunderstorm Wind (52)**
Large tree limbs were blown down.

Pulaski County

Mounds **13** **1948CST** **0** **0** **Thunderstorm Wind (52)**
Trees were down.

Massac County

Joppa **13** **2040CST** **0** **0** **Thunderstorm Wind (52)**
Trees were blown down.

Jackson County

2 S Murphysboro **17** **1600CST** **0** **0** **Funnel Cloud**
An off duty police officer reported the funnel cloud. Numerous funnel clouds were observed across southeast Missouri, western Kentucky, and southwest Indiana during the day. These funnel clouds were not associated with severe thunderstorms.

Edwards County

2 W Albion **18** **1845CST
1945CST** **0** **0** **Urban/Sml Stream Fld**
A weather observer measured 1.2 inches of rain in about 30 minutes at Ellery. Water was over some secondary roads between Ellery and Albion. Ponding of water occurred on main roads.

Wayne County

Fairfield **21** **1730CST** **0** **0** **25K** **Thunderstorm Wind (52)**
Lots of trees were down in the southeast part of Fairfield. Two houses sustained major damage when trees fell on them. The damage was to the upper portions of the houses.

Wayne County

Mt Erie **21** **1750CST** **0** **0** **25K** **Thunderstorm Wind (50)**
A number of trees were blown down. Part of the roof of a silage feed bunk was blown off. An elevator was blown over. Just south of Mt. Erie, a large tree fell across a house trailer, a pickup, and a car, damaging all three.

Edwards County

West Salem **21** **1809CST** **0** **0** **Hail(0.75)**

Jefferson County

Mt Vernon **21** **1815CST** **0** **0** **Thunderstorm Wind (50)**
Trees were down on Route 148 near or just southwest of Mt. Vernon.

Wabash County

Allendale **21** **1828CST** **0** **0** **Thunderstorm Wind (50)**
Trees were down near the Edwards County line along Route 1.

Edwards County

West Salem **21** **1830CST
2030CST** **0** **0** **Urban/Sml Stream Fld**
Up to 2 inches of rain per hour fell across northern Edwards County. Rainfall totals near 3 inches were estimated by radar. Water was over many roads, State Route 130 north of Albion was barricaded to traffic



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ILLINOIS, South

Wabash County

5 W Allendale	21	1830CST 2030CST			0	0			Urban/Sml Stream Fld
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Radar estimated close to 3 inches of rain per hour in northwest Wabash County. Water was over many roads.

INDIANA, Southwest

INZ085

Posey	03	0900CST			0	0			Flood
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The Ohio River crested one to two feet above flood stage at both Newburgh and Mt. Vernon. Since crops had been planted, damage was mostly agricultural, but no exact figures were available.

INZ085

Posey	08	0400CST			0	0			Flood
	23	1100CST							

The Wabash River crested above flood stage twice during the month of June at New Harmony. The first crest on the 12th was 1.7 feet over flood, while the second crest on the 21st was only half a foot over flood stage. The main effect was minor flooding of agricultural bottomland.

Posey County

Poseyville	13	1135CST			0	0			Thunderstorm Wind (50)
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Trees were down at scattered locations throughout the county.

Warrick County

Newburgh	13	1210CST			0	0			Hail(0.75)
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Vanderburgh County

2 NW Evansville to 3.5 N Evansville	17	1728CST 1730CST	2	100	0	0	500K		Tornado (F1)
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The tornado occurred in a densely populated suburban area called North Park, about 2 miles northwest of downtown Evansville. There were many witnesses, so the event was well documented by photographers and eyewitnesses. Although the tornado was unusual in the respect that it developed from a non-severe thunderstorm in a weakly sheared environment, it caused considerable damage in such a populated setting. A survey conducted by National Weather Service personnel determined the damage path was narrow, well defined, and highly convergent. Most of the damage was a result of trees falling on houses (at least a dozen) and causing roof damage and some structural damage. The neighborhood was 40 years old so most trees were full grown. A liquor store, bowling alley, and grocery store suffered primarily roof damage due to winds estimated near 100 MPH. About 2,800 people were without power for several hours. The tornado was well photographed by personnel at the Evansville Airport.

Gibson County

Ft Branch	17	1900CST 2000CST			0	0			Flash Flood
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Thunderstorms moved slowly north across locations that received heavy rain earlier in the day. Some roads were covered by water. The Pigeon Creek overflowed its banks near Fort Branch. Radar estimated up to 2 inches of rain fell on saturated ground

KENTUCKY, Southwest

Henderson County

Henderson	02	1800CST 1900CST			0	0			Urban/Sml Stream Fld
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Radar estimated rainfall rates from one to 1.5 inches per hour. High water was reported at one intersection.



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KENTUCKY, Southwest

Hopkins County

Madisonville	02	1800CST 1900CST			0	0			Urban/Sml Stream Fld
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Minor flooding was reported on a few streets in Madisonville.

KYZ014

Union

	06	1700CST			0	0			Flood
	10	1200CST							

The Ohio River crested less than a foot above flood stage at Uniontown. Flooding of agricultural bottomlands was the main problem

Union County

Morganfield	13	1149CST			0	0			Thunderstorm Wind (50)
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Trees were down along Highway 56

Henderson County

Henderson	13	1215CST			0	0	5K		Thunderstorm Wind (50)
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Several trees and a power line were down in and around Henderson.

Hickman County

Clinton	13	1503CST			0	0			Thunderstorm Wind (50)
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Trees were blown down.

Fulton County

Hickman	13	1545CST 1645CST			0	0			Flash Flood
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Thunderstorms repeatedly moved over the same areas that were drenched with rain earlier in the day. Radar estimated 1 to 2 inches fell within an hour. Numerous streets were flooded.

Hickman County

Clinton	13	1545CST 1645CST			0	0			Flash Flood
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Thunderstorms repeatedly affected areas that were drenched with heavy rain earlier in the day. Radar estimated 1 to 2 inches of rain fell within an hour. Street flooding was fairly common

Marshall County

Calvert City	13	1549CST			0	0			Thunderstorm Wind (53)
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A National Weather Service employee measured a wind gust to 63 MPH at the Purchase Parkway exit of I-24.

Calloway County

Almo	13	1553CST			0	0	10K		Thunderstorm Wind (50)
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Trees and power lines were down, mainly across northern parts of the county.

Trigg County

Cadiz	13	1623CST			0	0			Thunderstorm Wind (52)
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Numerous trees were blown down.

Christian County

Herndon to 2 N Hopkinsville	13	1636CST 1650CST			0	0	200K		Thunderstorm Wind (65)
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Microbursts associated with a line of thunderstorms caused extensive damage at several locations in Christian County. A damage survey conducted by the National Weather Service determined wind speeds reached 70 to 75 MPH in the primary microburst which occurred in Hopkinsville. This microburst, which was about a mile long and 2/3 mile wide, damaged siding on a convenience store and pulled a phone booth out of the ground. Large trees were uprooted, causing damage to some homes. About 7 miles west of Hopkinsville, a barn was destroyed. A few trees or tree limbs were downed in scattered locations over primarily the west central part of the county.

Muhlenberg County

6 SW Greenville to 2 E Greenville	13	1713CST 1725CST	6	120	0	2	120K		Tornado (F2)
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The tornado tracked through wooded farmlands, so damage was relatively light. The most severe damage occurred to a mobile home



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KENTUCKY, Southwest

and a log home located about 500 feet apart. The mobile home practically disintegrated. The entire structure was lifted from its site and deposited 50 to 100 feet away as a pile of debris. The log home was completely unroofed. Considerable damage occurred to the walls and interior of the log home. Two occupants of the log home who had taken shelter in a small room near the exterior of the house were injured. They sustained very minor cuts and bruises due to falling debris. Several other homes in the area received minor damage. Vehicles were thrown into each other. Numerous trees were down. The maximum winds in this tornado were close to F-3 intensity, probably near 150 MPH.

Todd County

Kirkmansville	13	1715CST			0	0			Thunderstorm Wind (52)
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Trees were blown down.

Ballard County

Wickliffe to Bandana	13	2010CST			0	0			Thunderstorm Wind (52)
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Trees were down at Barlow, Wickliffe, and Bandana.

Graves County

Mayfield	13	2130CST			0	0			Thunderstorm Wind (50)
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Trees were down.

Christian County

Oak Grove	16	2200CST			0	0			Flash Flood
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17 0015CST
Radar indicated between 2 and 2.5 inches of rain fell within 3 hours time across southern Christian County between Oak Grove and Hopkinsville. Some road flooding occurred.

Todd County

Guthrie	16	2200CST 2300CST			0	0			Flash Flood
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Thunderstorms moved slowly over the same local parts of southern Todd County. Radar estimated up to 2.7 inches of rain fell in three hours between Elkton and Guthrie. Several roads were reported under water at the time of heaviest rain

Christian County

5 SE Hopkinsville	17	1620CST 1622CST	1.3	50	0	0	100K		Tornado (F1)
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The primary damage was to a tobacco barn, which was destroyed. At least three other barns received some roof damage. The damage path was narrow and well-defined. A nearby wheat field showed the appearance of several smaller vortices with a convergent path of damage associated with each one. An eyewitness gave a very detailed description of the tornado, very similar to the one in the Oak Grove area. He said there was more than one vortex and that each one formed and dissipated rather quickly. He estimated that the individual vortices were as little as 6 feet across. This tornado event and the Oak Grove event were both associated with non-severe thunderstorms.

Christian County

Oak Grove	17	1823CST 1824CST	0.7	30	0	2	200K		Tornado (F1)
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Several eyewitnesses including at least a half dozen policemen or firemen had nearly identical reports of very narrow rope shaped vortices descending to the ground briefly. There were at least two separate occurrences in the Oak Grove area with another occurring adjacent to the Fort Campbell air field. A 52 MPH wind was reported at the air field, although it was not thought to be in the direct path of the funnel cloud. Some descriptions sounded like the funnel clouds formed in conjunction with towering cumulus clouds instead of cumulonimbus clouds (thunderstorms). Nobody remembered hearing any thunder although a minority reported some rain. A television station in Hopkinsville obtained videotape of the Oak Grove tornado. The primary damage was in a mobile home park, where a mobile home was overturned and destroyed. Two occupants of the mobile home were slightly injured, but did not require treatment at any hospital. Other mobile homes in the park were slightly damaged. An estimated 130,000 dollars damage occurred at the Fort Campbell Army Post due to a brief funnel touchdown. Most of the damage at the base occurred in the shop area of the Directorate of Logistics building, where it tore off the roof, exposing expensive test equipment. The upper part of a wall in an adjacent building was damaged.



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					Killed	Injured	Property	Crops	

KENTUCKY, Southwest

Calloway County

Almo	21	1258CST			0	0			Thunderstorm Wind (50)
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Crews were called out to remove downed trees near New Concord and Almo.

Livingston County

1 E Joy	21	1430CST			0	0	5K		Thunderstorm Wind (52)
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Several trees and a power line were down.

Lyon County

3 W Kuttawa	28	0500CST 0800CST			0	0	100K		Flash Flood
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Thunderstorms moved repeatedly over the same parts of western Lyon County. Radar estimated about 3 inches of rain fell in a few hours. Some homes were flooded, and a road was partially washed out. A trailer park was evacuated.

MISSOURI, Southeast

MOZ087

Cape Girardeau

01		0001CST			0	0			Flood
02		2200CST							

The Mississippi River crested only about 6 inches above flood stage at Cape Girardeau. Minor flooding of agricultural bottomland was the main effect.

New Madrid County

La Forge	05	1700CST			0	0			Funnel Cloud
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The New Madrid Police Department sighted several funnel clouds near LaForge. The funnels were not associated with strong or severe thunderstorms.

Mississippi County

Dorena	13	1600CST			0	0			Thunderstorm Wind (52)
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A spotter reported trees were down.

Ripley County

Pine	13	1630CST			0	0			Thunderstorm Wind (50)
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Trees were down.

Perry County

3 W Brewer to 6 SW Brewer	13	1730CST 1830CST			0	0			Thunderstorm Wind (50)
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A severe thunderstorm moved into western Perry County, downing trees in a swath from the western county line into Brewer. After this cell weakened and moved east, another cell in a line of storms caused some tree damage in western Perry County south of Brewer.

Wayne County

Greenville	13	1825CST			0	0			Thunderstorm Wind (52)
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Winds were estimated in excess of 60 MPH.

Wayne County

Greenville	13	1825CST			0	1			Lightning
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A man who was struck by lightning was burned on the arm and abdomen. He refused treatment for his injuries.

Bollinger County

4 S Zalma	13	1835CST			0	0			Hail(1.75)
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Butler County

Poplar Bluff	13	1900CST			0	0			Thunderstorm Wind (52)
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Tree limbs were blown down across the county.

Stoddard County

Advance	13	1902CST			0	0	20K		Hail(1.75)
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		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Damage Property	Crops	

MISSOURI, Southeast

2000CST

Radar estimated between 2 and 3 inches of rain fell in an hour in a small part of Mississippi County.