Deaths &

Property &

Event Type and Details

Date/Time

Location

		Injuries	Crop Dmg	
LLINOIS, South				
PULASKI COUNTY JLLIN	05/10/07 15:15 CST		0	Heavy Rain
KARNAK	05/10/07 15:15 CST 05/10/07 16:45 CST		0	37.27N, 89.18W ~ 37.28N, 88.97W
		07	-	
	ported over some roads, including be ain developed in a moist and uns			
	um dovolopou m u molecumu ume			
FRANKLIN COUNTY	25/12/25 12 52 525			
.5 NW CHRISTOPHER	05/10/07 16:59 CST		0	Hail (1.00 in)
	05/10/07 16:59 CST		0	38.0058N, 89.0954W
	ped in a very warm and unstable ry heavy rain and an isolated rep			old front over central Illinois. The very
RANKLIN COUNTY				
BENTON	05/10/07 17:45 CST		0	Flash Flood (due to Heavy Rain)
	05/10/07 18:45 CST		0	38N, 88.92W
ight inches of water was over a throad reported blocking Highway 14 in		ooded road was	west of the inters	section with Highway 14. Eight inches of water
PERRY COUNTY				
OU QUOIN	05/10/07 18:20 CST		0	Heavy Rain
	05/10/07 19:10 CST		0	38.02N, 89.23W
hunderstorms with very heavy ra	town. ain developed in a moist and uns	table atmosphe	ere ahead of a c	old front over central Illinois.
Thunderstorms with very heavy rames of the county of the county of the county of the country of		table atmosphe	ere ahead of a co	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W
Thunderstorms with very heavy ramed to the second of the s	ain developed in a moist and uns 05/15/07 15:42 CST		25K 0	Thunderstorm Wind (EG 56 kt)
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT	05/15/07 15:42 CST 05/15/07 15:55 CST		25K 0	Thunderstorm Wind (EG 56 kt)
MASSAC COUNTY O E METROPOLIS BROOKPORT Jumerous trees and power lines we	05/15/07 15:42 CST 05/15/07 15:55 CST		25K 0	Thunderstorm Wind (EG 56 kt)
HASSAC COUNTY O E METROPOLIS ROOKPORT Jumerous trees and power lines we	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow		25K 0 of homes.	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Jumerous trees and power lines we MASSAC COUNTY METROPOLIS	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST		25K 0 of homes.	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in)
MASSAC COUNTY OUT OF METROPOLIS BROOKPORT Jumerous trees and power lines we MASSAC COUNTY METROPOLIS	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST		25K 0 of homes.	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in)
MASSAC COUNTY O E METROPOLIS BROOKPORT Jumerous trees and power lines we MASSAC COUNTY METROPOLIS	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST		25K 0 of homes. 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Numerous trees and power lines we MASSAC COUNTY METROPOLIS	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST		25K 0 of homes. 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt)
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Numerous trees and power lines we MASSAC COUNTY METROPOLIS POPE COUNTY GOLCONDA	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST		25K 0 of homes. 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt)
Thunderstorms with very heavy rate of the county of the co	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST		25K 0 of homes. 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt)
Thunderstorms with very heavy randal state of the state o	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST		25K 0 of homes. 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W
IASSAC COUNTY O E METROPOLIS ROOKPORT Itumerous trees and power lines we MASSAC COUNTY METROPOLIS OPE COUNTY GOLCONDA Itumerous trees were blown down. S PULASKI COUNTY DERKS	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST Siding was off a home.		25K 0 of homes. 0 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt)
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Numerous trees and power lines we MASSAC COUNTY METROPOLIS POPE COUNTY GOLCONDA Numerous trees were blown down. S PULASKI COUNTY PERKS Four large trees were blown down.	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST Siding was off a home.		25K 0 of homes. 0 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt)
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Numerous trees and power lines we	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST Siding was off a home.		25K 0 of homes. 0 0 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt) 37.3N, 89.08W
Thunderstorms with very heavy rate and power lines we see and power	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST Siding was off a home.		25K 0 of homes. 0 0 15K 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt)
Industry Neavy rates and power lines we see the second of	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST Siding was off a home. 05/15/07 16:50 CST 05/15/07 16:50 CST		25K 0 of homes. 0 0 15K 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt) 37.3N, 89.08W Hail (1.00 in)
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Jumerous trees and power lines we MASSAC COUNTY METROPOLIS POPE COUNTY GOLCONDA Jumerous trees were blown down. S PULASKI COUNTY PERKS Four large trees were blown down. OHNSON COUNTY OHNSON COUNTY	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 16:50 CST 05/15/07 16:50 CST 05/15/07 16:55 CST		25K 0 of homes. 0 0 0 15K 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt) 37.3N, 89.08W Hail (1.00 in) 37.42N, 88.9182W
MASSAC COUNTY 5.0 E METROPOLIS BROOKPORT Numerous trees and power lines we MASSAC COUNTY METROPOLIS POPE COUNTY GOLCONDA Numerous trees were blown down. S PULASKI COUNTY PERKS Four large trees were blown down.	05/15/07 15:42 CST 05/15/07 15:55 CST ere blown down. Shingles were blow 05/15/07 15:45 CST 05/15/07 15:45 CST 05/15/07 15:55 CST 05/15/07 15:55 CST Siding was off a home. 05/15/07 16:50 CST 05/15/07 16:50 CST		25K 0 of homes. 0 0 15K 0	Thunderstorm Wind (EG 56 kt) 37.15N, 88.6393W ~ 37.12N, 88.63W Hail (1.00 in) 37.15N, 88.73W Thunderstorm Wind (EG 56 kt) 37.37N, 88.48W Thunderstorm Wind (EG 50 kt) 37.3N, 89.08W Hail (1.00 in)

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Location	Date/Time	Deaths &	Property &	Event Type and Details
		Injuries	Crop Dma	

A line of thunderstorms along a strong cold front reached southeast Missouri by mid-afternoon. As this line of storms approached the Mississippi River, new thunderstorm development occurred over western Kentucky and southern Illinois. These new storms formed in a very warm and unstable atmosphere heated by almost unabated sunshine. The new storms turned out to produce most of the severe weather reports, consisting mostly of marginally severe hail and wind gusts to around 60 MPH. The initial line of storms over southeast Missouri weakened as it moved east, crossing into cooler air that was stabilized by the new thunderstorms. Winds in the mid and upper levels of the atmosphere were marginally favorable for organized storm structures. Some of the storms evolved into small lines capable of damaging winds. The wind shear, or change of wind speed and direction with height, was not supportive of storm rotation. As a result, all of the reported wind damage was the result of straight-line winds.

WABASH COUNTY				
MT CARMEL	05/27/07 17:19 CST	1K	Thunderstorm Wind (EG 50 kt)	
	05/27/07 17:19 CST	0	38.42N, 87.77W	

Local law enforcement reported 55 to 60 MPH winds with large tree limbs down.

Posey County.

An isolated severe weather event occurred in the Wabash Valley. The storm occurred in a deep southwest flow ahead of a broad upper level trough over the southern Plains.

SPENCER COUNTY			
ROCKPORT	05/04/07 18:29 CST	0	Hail (0.75 in)
	05/04/07 18:29 CST	0	37.88N, 87.05W
A weak 500 mb shortwave trou produced very heavy rain and a	-	o Valley. This featu	re triggered thunderstorms, some of which
POSEY COUNTY			
5.0 S HOVEY	05/10/07 16:12 CST	0	Hail (0.88 in)
	05/10/07 16:12 CST	0	37.8277N, 87.93W
POSEY COUNTY			
5.0 S HOVEY	05/10/07 16:12 CST	0	Thunderstorm Wind (EG 50 kt)
	05/10/07 16:12 CST	0	37.8277N, 87.93W
Wind gusts were estimated from	55 to 60 MPH along with the nickel-size hail.		
	eloped in a very warm and unstable atmos very heavy rain and an isolated report of I		eak cold front over central Illinois. The very g wind.
POSEY COUNTY			
1.0 W MT VERNON	05/10/07 16:30 CST	0	Flash Flood (due to Heavy Rain)

POSEY COUNTY 5.0 N MT VERNON 05/15/07 17:15 CST 0 Hail (0.88 in) 05/15/07 17:15 CST 0 38.0023N, 87.9W **POSEY COUNTY NEW HARMONY** 05/15/07 17:30 CST 5K Thunderstorm Wind (EG 50 kt) 05/15/07 17:30 CST 0 38.13N, 87.93W Trees were blown down. **SPENCER COUNTY** DALE 05/15/07 17:35 CST 0 Hail (1.00 in) 05/15/07 17:38 CST 0 38.17N, 86.98W

Water was reported over a roadway on the west end of Mount Vernon. Radar estimated 3 to 4 inches of rain fell in less than two hours in southwest

Thunderstorms with very heavy rain developed in a moist and unstable atmosphere ahead of a cold front over central Illinois.

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PIKE COUNTY PETERSBURG Large tree limbs were down across town PIKE COUNTY PETERSBURG The large hail fell for about 30 seconds. A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmosphere accompanied by several cases of larg Missouri weakened as it moved east. storm structures. Some of the storms	05/15/07 17:46 EST 05/15/07 17:46 EST ag cold front reached souther development occurred over v e heated by almost unabated ge hail and damaging wind gu	st Missouri by	0 0	Thunderstorm Wind (EG 50 kt) 38.5N, 87.28W damaged. Hail (1.00 in) 38.5N, 87.28W
PETERSBURG Large tree limbs were down across town PIKE COUNTY PETERSBURG The large hail fell for about 30 seconds. A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmosphere accompanied by several cases of larg Missouri weakened as it moved east.	05/15/07 17:45 EST n. Power lines were down on a some of the second of	st Missouri by	0 was reportedly d	38.5N, 87.28W damaged. Hail (1.00 in)
PIKE COUNTY PETERSBURG The large hail fell for about 30 seconds. A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmosphere accompanied by several cases of larg Missouri weakened as it moved east.	05/15/07 17:46 EST 05/15/07 17:46 EST 05/15/07 17:46 EST ag cold front reached souther development occurred over we heated by almost unabated ge hail and damaging wind gu	st Missouri by	was reportedly d	damaged. Hail (1.00 in)
PIKE COUNTY PETERSBURG The large hail fell for about 30 seconds. A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmosphere accompanied by several cases of larg Missouri weakened as it moved east.	05/15/07 17:46 EST 05/15/07 17:46 EST ag cold front reached souther development occurred over v e heated by almost unabated ge hail and damaging wind gu	st Missouri by	0 0	Hail (1.00 in)
PETERSBURG The large hail fell for about 30 seconds. A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmosphere accompanied by several cases of larg Missouri weakened as it moved east.	05/15/07 17:46 EST ag cold front reached southea development occurred over ve heated by almost unabated ge hail and damaging wind gu		0	
The large hail fell for about 30 seconds. A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmosphere accompanied by several cases of larg Missouri weakened as it moved east.	05/15/07 17:46 EST ag cold front reached southea development occurred over ve heated by almost unabated ge hail and damaging wind gu		0	
A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmospher accompanied by several cases of larg Missouri weakened as it moved east.	ng cold front reached southea development occurred over v e heated by almost unabated ge hail and damaging wind gu			38.5N, 87.28W
A line of thunderstorms along a stron Mississippi River, new thunderstorm a very warm and unstable atmospher accompanied by several cases of larg Missouri weakened as it moved east.	development occurred over we heated by almost unabated ge hail and damaging wind gu			
Mississippi River, new thunderstorm a very warm and unstable atmospher accompanied by several cases of larg Missouri weakened as it moved east.	development occurred over we heated by almost unabated ge hail and damaging wind gu			
KENTUCKY, Southwest		sts to around 6 evels of the atn	60 MPH. The init nosphere were r	ial line of storms over southeast
,				
HOPKINS COUNTY	0-10-10-10-00-00-			
MADISONVILLE	05/04/07 19:09 CST		0	Hail (0.88 in)
	05/04/07 19:09 CST		0	37.33N, 87.5W
A weak 500 mb shortwave trough moincluding an isolated severe storm.	ved northeast across the Low	er Onio Valley.	i nis teature tri	ggerea some tnunaerstorms,
MARSHALL COUNTY	05/00/07 40:00 007		0	Heil (0.75 in)
1.0 S LITTLE CYPRESS	05/08/07 16:00 CST 05/08/07 16:00 CST		0 0	Hail (0.75 in) 37.0055N, 88.43W
Scattered thunderstorms formed in a marginally severe hail.	very warm and unstable atme	osphere beneat	h an upper leve	I ridge. An isolated storm produced
MUHLENBERG COUNTY 2.0 W CENTRAL CITY	05/09/07 15:48 CST		0	Hail (0.88 in)
2.0 W CENTIAL CITT	05/09/07 15:48 CST		0	37.3N, 87.1663W
An isolated severe thunderstorm dev		midity during th		n hours. Highs were in the upper 80's.
LIVINGSTON COUNTY				-
BURNA	05/10/07 13:25 CST		0	Flash Flood (due to Heavy Rain)
	05/10/07 14:45 CST		0	37.25N, 88.37W
	ита агеа.		ro obcod -f	
Water was reported over roads in the Bu		table atmosphe	ne anead of a Co	old front over central Illinois.
Water was reported over roads in the Bu		table atmosphe	ere anead of a Co	old front over central Illinois.
Water was reported over roads in the Bu Thunderstorms with very heavy rain of		table atmosphe	ore anead of a co	old front over central Illinois. Hail (0.88 in)
Water was reported over roads in the Bu Thunderstorms with very heavy rain of HOPKINS COUNTY 1.0 N MADISONVILLE	developed in a moist and uns	table atmosphe		
Water was reported over roads in the Bu Thunderstorms with very heavy rain of	05/11/07 14:25 CST 05/11/07 14:25 CST		0 0	Hail (0.88 in) 37.3445N, 87.5W
Water was reported over roads in the Bu Thunderstorms with very heavy rain of HOPKINS COUNTY 1.0 N MADISONVILLE A thunderstorm briefly pulsed up to s	05/11/07 14:25 CST 05/11/07 14:25 CST		0 0	Hail (0.88 in) 37.3445N, 87.5W
Water was reported over roads in the Bu Thunderstorms with very heavy rain of HOPKINS COUNTY 1.0 N MADISONVILLE	05/11/07 14:25 CST 05/11/07 14:25 CST		0 0	Hail (0.88 in) 37.3445N, 87.5W

A barn was heavily damaged. At least one tree was down in the area.

HICKMAN COUNTY

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CLINTON	05/15/07 14:50 CST		0	Hail (0.75 in)
	05/15/07 15:03 CST		0	36.67N, 88.98W
FULTON COUNTY				
HICKMAN	05/15/07 14:55 CST		6K	Thunderstorm Wind (EG 50 kt)
	05/15/07 14:55 CST		0	36.57N, 89.18W
Several trees were blown down.				
HICKMAN COUNTY				
1.0 E CLINTON	05/15/07 15:00 CST		3K	Thunderstorm Wind (EG 50 kt)
4.0 E CLINTON	05/15/07 15:00 CST		0	36.67N, 88.962W ~ 36.67N, 88.9079W
Trees were blown down, mainly to the	e east of Clinton.			

A line of thunderstorms along a strong cold front reached southeast Missouri by mid-afternoon. As this line of storms approached the Mississippi River, new thunderstorm development occurred over western Kentucky and southern Illinois. These new storms formed in a very warm and unstable atmosphere heated by almost unabated sunshine. The new storms turned out to produce most of the severe weather reports, consisting mostly of marginally severe hail and wind gusts to around 60 MPH. The initial line of storms over southeast Missouri weakened as it moved east, crossing into cooler air that was stabilized by the new thunderstorms. Winds in the mid and upper levels of the atmosphere were marginally favorable for organized storm structures. Some of the storms evolved into small lines capable of damaging winds. The wind shear, or change of wind speed and direction with height, was not supportive of storm rotation. As a result, all of the reported wind damage was the result of straight-line winds.

HICKMAN COUNTY				
CLINTON	05/15/07 15:17 CST	0	Flash Flood (due to Heavy Rain)	
	05/15/07 17:15 CST	0	36.67N, 88.98W	

Localized street flooding occurred. Six inches of water was reported across one street. Minor viaduct flooding occurred. The county emergency management office reported 2.2 inches of rain from the storm.

Thunderstorms with very heavy rain developed ahead of a strong cold front moving southeast across Missouri and Illinois.

MCCRACKEN COUNTY			
WOODVILLE	05/15/07 15:27 CST	7K	Thunderstorm Wind (EG 52 kt)
RAGLAND	05/15/07 15:33 CST	0	37.1N, 88.88W ~ 37.17N, 88.9W
A power pole was snapped, seve	eral trees were blown down, and live power line	es were down. A roof	was off a kennel.
BALLARD COUNTY			
KEVIL	05/15/07 15:30 CST	20K	Thunderstorm Wind (EG 56 kt)
	05/15/07 15:30 CST	0	37.08N, 88.9W
	ees and power lines were blown down. At least	st one road was close	d.
CRITTENDEN COUNTY			
3.0 E MARION	05/15/07 15:41 CST	0	Hail (0.75 in)
	05/15/07 15:41 CST	0	37.33N, 88.0255W
COUTTENDEN COUNTY			
CRITTENDEN COUNTY			
	05/15/07 15:41 CST	4K	Thunderstorm Wind (EG 50 kt)
MARION	05/15/07 15:41 CST 05/15/07 15:41 CST	4K 0	,
CRITTENDEN COUNTY MARION 2.0 SE MARION Trees were down on two streets i	05/15/07 15:41 CST	0	Thunderstorm Wind (EG 50 kt) 37.33N, 88.08W ~ 37.3096N, 88.0543W down off Highway 506 just southeast of Marion.
MARION 2.0 SE MARION	05/15/07 15:41 CST	0	37.33N, 88.08W ~ 37.3096N, 88.0543W
MARION 2.0 SE MARION Trees were down on two streets i	05/15/07 15:41 CST	0	37.33N, 88.08W ~ 37.3096N, 88.0543W

Large tree limbs were blown down.

A line of thunderstorms along a strong cold front reached southeast Missouri by mid-afternoon. As this line of storms approached the Mississippi River, new thunderstorm development occurred over western Kentucky and southern Illinois. These new storms formed in a very warm and unstable atmosphere heated by almost unabated sunshine. The new storms turned out to produce most of the severe weather reports, consisting mostly of marginally severe hail and wind gusts to around 60 MPH. The initial line of storms over southeast

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Deaths &

Property &

Event Type and Details

Date/Time

Location

The 61 MPH gust was measured by a trained spotter.

Location	Date/Time	Injuries	Crop Dmg	Event Type and Details
	ere marginally favorable for orga vind shear, or change of wind sp	nized storm str eed and directi	uctures. Some	nderstorms. Winds in the mid and of the storms evolved into small lines was not supportive of storm rotation.
LIVINGSTON COUNTY				
LOLA	05/15/07 16:20 CST 05/15/07 17:30 CST		0 0	Flash Flood (due to Heavy Rain) 37.32N, 88.3W
Water was 6 to 7 inches deep on Hig	ghway 133 at Highway 838.			
Thunderstorms with very heavy ra	ain developed ahead of a strong o	cold front movi	ng southeast a	cross Missouri and Illinois.
GRAVES COUNTY				
MAYFIELD	05/15/07 16:38 CST		0	Hail (0.75 in)
	05/15/07 16:38 CST		0	36.73N, 88.63W
HENDERSON COUNTY				
CORYDON	05/15/07 16:40 CST		50K	Thunderstorm Wind (EG 52 kt)
REED	05/15/07 16:55 CST		0	37.73N, 87.7W ~ 37.85N, 87.35W
Numerous trees were blown down acten streets were blocked by downed		e damaged by fa	lling trees, includ	ding one in Reed and another in Corydon. About
WEBSTER COUNTY	05/45/07 40 45 007		014	T
WHEATCROFT	05/15/07 16:45 CST		2K	Thunderstorm Wind (EG 50 kt)
Γwo trees were down.	05/15/07 16:45 CST		0	37.48N, 87.87W
CALLOWAY COUNTY				
2.0 WSW LYNN GROVE	05/15/07 16:53 CST		0	Hail (0.75 in)
	05/15/07 16:53 CST		0	36.5889N, 88.4633W
HENDERSON COUNTY				
2.0 WSW HENDERSON	05/15/07 16:55 CST		0	Hail (0.88 in)
Nickel aize bail was reported at the	05/15/07 16:55 CST	240v 425	0	37.8189N, 87.6138W
Nickel-size hail was reported at the o	corner of 0.5. Highway 60 and high	Iway 425.		
CALLOWAY COUNTY MURRAY	05/15/07 16:56 CST		20K	Thunderstorm Wind (EG 52 kt)
DEXTER	05/15/07 17:06 CST		0	36.62N, 88.32W ~ 36.75N, 88.28W
Numerous trees were down in northed destroyed the vehicle.	ern parts of the county. A few trees	were down in M	urray. Near dow	ntown Murray, a large tree fell on a car and
CALDWELL COUNTY				
3.0 N PRINCETON	05/15/07 17:00 CST		3K	Thunderstorm Wind (EG 50 kt)
3.0 NE PRINCETON	05/15/07 17:00 CST		0	37.2357N, 87.87W ~ 37.1813N, 87.793W
A few downed trees blocked roads, r	mainly in north and east portions of	the county.		
MARSHALL COUNTY				
4.0 W DRAFFENVILLE	05/15/07 17:02 CST		2K	Thunderstorm Wind (EG 50 kt)
	05/15/07 17:02 CST		0	36.92N, 88.4023W
Two trees were blown down in the vi	icinity of U.S. Highway 68.			
DAVIESS COUNTY MACEO	05/15/07 17:25 CST		0	Thunderstorm Wind (MG 53 kt)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HOPKINS COUNTY				
1.0 N BARNSLEY	05/15/07 17:40 CST		5K	Thunderstorm Wind (EG 56 kt)
	05/15/07 17:40 CST		0	37.2645N, 87.5W
A shed was blown over near the co	unty high school.			
DAVIESS COUNTY				
WHITESVILLE	05/15/07 17:48 CST		5K	Thunderstorm Wind (EG 52 kt)
7.0 SW WHITESVILLE	05/15/07 18:00 CST		0	37.68N, 86.88W ~ 37.6084N, 86.9704W

Trees were down on the east side of the county, blocking roads.

A line of thunderstorms along a strong cold front reached southeast Missouri by mid-afternoon. As this line of storms approached the Mississippi River, new thunderstorm development occurred over western Kentucky and southern Illinois. These new storms formed in a very warm and unstable atmosphere heated by almost unabated sunshine. The new storms turned out to produce most of the severe weather reports, consisting mostly of marginally severe hail and wind gusts to around 60 MPH. The initial line of storms over southeast Missouri weakened as it moved east, crossing into cooler air that was stabilized by the new thunderstorms. Winds in the mid and upper levels of the atmosphere were marginally favorable for organized storm structures. Some of the storms evolved into small lines capable of damaging winds. The wind shear, or change of wind speed and direction with height, was not supportive of storm rotation. As a result, all of the reported wind damage was the result of straight-line winds.

HOPKINS COUNTY			
MADISONVILLE	05/15/07 18:00 CST	0	Heavy Rain
	05/15/07 19:00 CST	0	37.33N, 87.5W

Water was reported over roads in and around the Madisonville area. A spotter estimated an inch or two of rain fell in an hour.

Thunderstorms with very heavy rain developed ahead of a strong cold front moving southeast across Missouri and Illinois.

MISSOURI, Southeast

CARTER COUNTY				
VAN BUREN	05/03/07 10:00 CST	0	Flash Flood (due to Heavy Rain)	
	05/03/07 17:00 CST	0	37N, 91.02W	

Schools were dismissed early so students could be transported home safely. Flash flooding of creeks forced buses to reroute. An unofficial rainfall report of 4.6 inches was received from Grandin.

BUTLER COUNTY			
10.0 NW POPLAR BLUFF	05/03/07 10:30 CST	75K	Flash Flood (due to Heavy Rain)
LONE HILL	05/03/07 16:00 CST	0	36.8522N, 90.5277W ~ 36.7N, 90.53W

Several creeks flooded rapidly after 3 to 7 inches of rain deluged the county. At least two vehicles were swept off roads and into raging creeks. In the first incident, a car was swept off County Road 459 about two miles south of Highway M. A woman was stranded on the roof of the car, which was washed up against some trees. With the assistance of a teenage high school student, the woman and her small dog waded through swiftly moving water to safety. The second incident occurred on County Road 410, north of U.S. Highway 60 in the Mark Twain National Forest. In that incident, a woman was attempting to drive through floodwaters when the vehicle stalled. The car was not swept off the road, and she was able to walk to get help. Numerous rural residents were forced to remain near their homes due to flooded roads. Unofficial rainfall reports for May 3 ranged from 3.2 inches in Poplar Bluff to nearly 7 inches northwest of Poplar Bluff. A meteorologist northwest of Poplar Bluff measured just over four inches in four hours, bringing his 24-hour rainfall to 6.62 inches. Cane Creek overflowed its banks, flooding pastures and cropland. A resident on County Road 421 northwest of Poplar Bluff reported a levy was topped for the first time in 25 years. Gravel county roads were damaged by erosion. There were numerous low water crossing areas and drainage ditches washed out. Up to six inches of water was over Highway 142 south of Poplar Bluff.

STODDARD COUNTY				
BERNIE	05/03/07 15:00 CST	0	Heavy Rain	
	05/03/07 16:00 CST	0	36.68N, 89.97W	

Three to four inches of water was on streets, causing sewers to begin backing up. An unofficial rainfall report of 1.5 inches was received.

A rather well-developed upper level disturbance moved from the southern Plains northeast into the mid Mississippi Valley. Sufficient moisture and convergence was present along an 850 mb warm front over southern Missouri for widespread heavy convection.

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BERNIE 05/03/07 15/02 CST 0 Heavy Rain 36.68N, 99.97W STODDARD COUNTY 0.050 SEDEXTER 0.05/03/07 15/28 CST 0 Tornado (EFO, L: 3.54 mil, W: 30 yd) 2.05 ESDEXTER 0.05/03/07 15/28 CST 0 Tornado (EFO, L: 3.54 mil, W: 30 yd) 2.05 ESDEX 0.05/03/07 15/28 CST 0 36.7468N, 88.8862/W - 36.7911N, 89.85W The formado was videclaped and photographed over open farm country. Accounts from whiteness indicated the formado bounded down at least twice for too to three minutes at a time. Although a debris cloud was visible in photos, no damage of any kind was found on the nearly treeless landscape. The formado first founded down near Highway D several miles east of its intersection with Highway 25. The tornado lithed a couple miles south of Essex. STODDARD COUNTY 2.0 E ESSEX 0.50/30/7 16:37 CST 0 Hall (1.00 in) 50/30/7 16:37 CST 0 Hall (1.00 in) 50/30/7 16:37 CST 0 Hall (1.00 in) 50/30/7 16:37 CST 0 Hall (0.08 in) 50/30/7 16:37 CST 0 Hall (0.08 in) 50/30/7 16:30 CST 0 36.82N, 89.8139W STODDARD COUNTY SRAYPRIDGE 0.50/30/7 16:56 CST 0 36.83N, 89.78W Occurred on U. S. Highway 60. An isolated severe thunderstorm developed along a warm front that extended from west to east across southeast Missouri. BUTLER COUNTY NEELYCULLE 0.50/30/7 16:00 CST 0 Flood (due to Heavy Rain) 50/30/7 16:00 CST 0 S0/30/7 16:0	Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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TODDARD COUNTY 3.0 SE DEXTER 0.5093077 15.28 CST 0.367489N, 89.8882W ~ 36.7911N, 89.85W The formado was videotaped and photographed over open farm country. Accounts from witnesses indicated the formado touched down at least twine for wor to three minutes at a time. Although a debtor down vas visible in photos, no damage of any kind was found on the nearly treeless landscape. The omado first touched down near Highway D several miles east of its intersection with Highway 25. The formado lifted a couple miles south of Essex. 3FODDARD COUNTY 2.0 E ESSEX 0.503077 15.37 CST 0.503077 15.37 CST 0.4181 (1.00 in) 0.503077 15.35 CST 0.36.82N, 88.8139W 3FODDARD COUNTY 3RAYRIDGE 0.503077 15.35 CST 0.36.83N, 89.78W 3DOCUMENT ON THE COUNTY 3RAYRIDGE 0.503077 15.35 CST 0.36.83N, 89.78W 3DOCUMENT ON THE COUNTY WEEL VILLE 0.503077 15.00 CST 0.503077	BERNIE	05/03/07 15:02 CST		0	Heavy Rain
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HARVIELL 05/04/07 20:00 CST 0 36.57N, 90.5W ~ 36.67N, 90.47W A couple of state roads remained closed due to flooding. These roads included Highway 142 from Neelyville to the Ripley County line and Highway 158 frou U.S. 67 to Highway 142. RIPLEY COUNTY NAYLOR 05/03/07 19:00 CST 0 Flash Flood (due to Heavy Rain) 05/03/07 20:00 CST 0 36.58N, 90.6W Six to 12 inches of water was across B Highway outside of Naylor. Street flooding occurred in Naylor, but no evacuations were conducted. RIPLEY COUNTY 5.0 SW NAYLOR 05/03/07 20:00 CST 0 Flood (due to Heavy Rain) 05/04/07 20:00 CST 0 36.5289N, 90.6636W Route H was closed by flooding from Route 142 to the Arkansas state line. Eight families were isolated. Four of the families relocated temporarily, while fourthers remained stranded. WAYNE COUNTY 8.0 W LEEPER 05/03/07 22:00 CST 0 Flood (due to Heavy Rain) 37.07N, 90.7744W Route KK was closed by flooding from Route 34 to the Carter County line. A rather well-developed upper level disturbance moved from the southern Plains northeast into the mid Mississippi Valley. Sufficient moisture and convergence was present along an 350 mb warm front over southern Missouri for widespread heavy convection. WAYNE COUNTY PATTERSON 05/04/07 01:00 CST 0 Flood (due to Heavy Rain) 05/05/07 03:00 CST 0 37.18N, 90.57W Minor flooding of the St. Francis River occurred. At Patterson, where flood stage is 16 feet, the river crested at 18.31 feet around mid-morning on May 4. Some low-lying fields and woodlands near the river were flooded. Rainfall at Patterson was unofficially measured at 4 inches.		05/03/07 40:00 CCT		0	Flood (due to Heavy Pain)
A couple of state roads remained closed due to flooding. These roads included Highway 142 from Neelyville to the Ripley County line and Highway 158 from J.S. 67 to Highway 142. RIPLEY COUNTY NAYLOR 05/03/07 19:00 CST 05/03/07 20:00 CST 0 Flash Flood (due to Heavy Rain) 05/03/07 20:00 CST 0 Flood (due to Heavy Rain) 05/03/07 20:00 CST 0 Flood (due to Heavy Rain) 05/04/07 20:00 CST 0 Good flow to Heavy Rain) 05/04/07 20:00 CST 0 Flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 Flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 20:00 CST 0 The flood (due to Heavy Rain) 05/04/07 01:00 CST 0 Flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flood (due to Heavy Rain) 05/05/07 03:00 CST 0 The flo					
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POPLAR BLUFF 05/04/07 08:00 CST 5K Flood (due to Heavy Rain)					
, , ,	BUTLER COUNTY				
05/05/07 22:00 CST 0 36.75N, 90.4W	POPLAR BLUFF	05/04/07 08:00 CST		5K	Flood (due to Heavy Rain)
		05/05/07 22:00 CST		0	36.75N, 90.4W

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Storr	n Data and Unusual W	leather Ph	enomena -	- May 2007
Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	Park, washing out a park road. The	river flooded a s		d at 17.29 feet before sunrise on May 5. some cropland. A road in southern Poplar Bluff
Thunderstorms with locally heavy	y rainfall sent the Black and St. F	rancis Rivers o	ut of their bank	s.
BUTLER COUNTY				
POPLAR BLUFF	05/07/07 17:00 CST 05/07/07 17:00 CST		0 0	Hail (0.88 in) 36.75N, 90.4W
A stationary front extending from severe storm.	north to south across the Ozark	Mountain footh	ills generated t	hunderstorms, including an isolated
CAPE GIRARDEAU COUNTY				
CAPE GIRARDEAU	05/10/07 11:00 CST 05/19/07 18:00 CST		0 0	Flood (due to Heavy Rain) 37.3N, 89.53W
	minor flooding of low-lying fields and			May 14. This crest was almost exactly two feet cials turned on pumps at the downtown pumping
Heavy rainfall in the upper portion	ns of the Mississippi and Missou	ri River basins	caused several	rises on the middle Mississippi River.
BOLLINGER COUNTY				
1.0 W MARBLE HILL	05/10/07 21:00 CST		0	Heavy Rain
	05/10/07 22:00 CST		0	37.3N, 89.9882W
Up to two inches of water was repor	G ,			
Thunderstorms with very heavy r	ain developed in a moist and uns	stable atmosphe	ere ahead of a c	old front over central Illinois.
RIPLEY COUNTY				
8.5 N DONIPHAN	05/15/07 15:06 CST		0	Hail (0.75 in)
	05/15/07 15:06 CST		0	36.7429N, 90.82W
BUTLER COUNTY				
7.0 E NEELYVILLE	05/15/07 15:39 CST		0	Thunderstorm Wind (MG 52 kt)
	05/15/07 15:39 CST		0	36.57N, 90.374W
BOLLINGER COUNTY				
MARBLE HILL	05/15/07 15:40 CST		0.10M	Thunderstorm Wind (EG 65 kt)
9.5 N MARBLE HILL	05/15/07 15:43 CST		0	37.3N, 89.97W ~ 37.4373N, 89.97W
	electrical lines near the city pump I	house. A 12-inch	-	ed an upper deck on a house and crushed two ed a road. North of Marble Hill, near the intersection of
CAPE GIRARDEAU COUNTY				
CRUMP	05/15/07 16:00 CST		3K	Thunderstorm Wind (EG 50 kt)
9.0 NW JACKSON	05/15/07 16:15 CST		0	37.28N, 89.83W ~ 37.472N, 89.7859W
In Crump, a large tree branch fell or tree was blown down in Cape Girard		down near the in	tersection of Hig	phways B and E northwest of Jackson. Another
STODDARD COUNTY	<u>.</u>		_	
8.0 SE DEXTER	05/15/07 16:17 CST		0	Hail (0.75 in)
	05/15/07 16:17 CST		0	36.7182N, 89.8479W
SCOTT COUNTY				
SIKESTON	05/15/07 16:30 CST		18K	Thunderstorm Wind (EG 50 kt)
	05/15/07 16:30 CST		0	36.88N, 89.58W

 $A tree fell on a house, causing \verb|minor| to moderate structural damage. Several other trees were blown down throughout Sikeston.\\$

A line of thunderstorms along a strong cold front reached southeast Missouri by mid-afternoon. Winds in the mid and upper levels of

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Location Date/Time Deaths & Property & Event Type and Details

Injuries Crop Dmg

the atmosphere were marginally favorable for organized storm structures. Some of the storms evolved into small lines capable of damaging winds. The wind shear, or change of wind speed and direction with height, was not supportive of storm rotation. As a result, all of the reported wind damage was the result of straight-line winds.

SCOTT COUNTY

3.0 S BLODGETT 05/27/07 13:20 CST 30K Thunderstorm Wind (EG 61 kt)

05/27/07 13:20 CST 0 36.9566N, 89.53W

At Highway H and County Road 524, several trees were down across roads. Trees ranged in diameter from 6 to 18 inches. Six to eight houses had minor wind damage to their roofs, mainly shingles blown off. There was siding and fence damage.

An isolated severe weather event occurred in the Mississippi River delta. The storm occurred in a deep southwest flow ahead of a broad upper level trough over the southern Plains.

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