

Storm Data and Unusual Weather Phenomena - March 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, South				
(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON				
	03/05/09 11:00 CST		5K	Strong Wind (MAX 44 kt)
	03/05/09 20:00 CST		0	
<p>Low pressure over the Plains combined with high pressure over the Atlantic coast resulted in a strong south to southwest wind. Winds gusted from 45 to 55 mph from the Marion and Carbondale area northward. Peak wind gusts were measured at 51 mph at the Carbondale airport and 46 mph at Mount Vernon.</p>				
(IL-Z086) SALINE				
	03/05/09 12:07 CST		0	Wildfire
	03/05/09 16:00 CST		0	
<p>Windy and dry conditions contributed to the rapid spread of a wildfire about three miles north of Raleigh in Saline County. The fire started as a burning semi truck. About 160 acres of woods and fields burned. Eight fire departments from four counties fought the blaze, which jumped a roadway. The fire came close to several houses, but no houses were damaged in the fire. A Forest Service bulldozer greatly helped to control the fire.</p>				
(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	03/08/09 09:00 CST		12K	Strong Wind (MAX 37 kt)
	03/08/09 13:00 CST		0	
<p>Strong west to southwest winds in the wake of a cold front gusted to around 45 mph. The strong winds were west of a line from the Wabash Valley to Harrisburg to Golconda.</p>				
JEFFERSON COUNTY --- WOODLAWN [38.33, -89.03], MT VERNON [38.32, -88.90]				
	03/08/09 11:25 CST		2K	Thunderstorm Wind (EG 52 kt)
	03/08/09 11:29 CST		0	Source: Broadcast Media
<p>Several trees were blown down.</p>				
JEFFERSON COUNTY --- 1.8 E TEXICO [38.43, -88.87], 0.2 S DIVIDE [38.45, -88.83]				
	03/08/09 11:27 CST		60K	Tornado (EF1, L: 2.27 mi , W: 150 yd)
	03/08/09 11:30 CST		0	Source: NWS Storm Survey
<p>The roof was partially blown off a school. At several properties, large and small equipment sheds were destroyed. Shingle and siding damage occurred at several homes. Trees were topped and uprooted. Carports were knocked over. Peak winds were estimated at 95 mph.</p>				
JEFFERSON COUNTY --- 2.0 W STRATTON [38.45, -88.76], 1.1 E SHIELDS [38.47, -88.70]				
	03/08/09 11:34 CST		12K	Tornado (EF0, L: 3.61 mi , W: 100 yd)
	03/08/09 11:38 CST		0	Source: NWS Storm Survey
<p>Large tree limbs were broken. Four power poles were knocked over. Peak winds were estimated near 85 mph. The tornado continued into Wayne County.</p>				
WAYNE COUNTY --- 3.3 SW ORCHARDVILLE [38.47, -88.70], 2.7 SW ORCHARDVILLE [38.48, -88.69]				
	03/08/09 11:38 CST		80K	Tornado (EF0, L: 0.63 mi , W: 100 yd)
	03/08/09 11:39 CST		0	Source: NWS Storm Survey
<p>The tornado continued from Jefferson County just a short distance into Wayne County. A grain bin was thrown about 100 yards. A storage bin was toppled. A farm auger was knocked over. Metal decking or shingles were stripped off barns. There was shingle and siding damage to homes. Peak winds were estimated near 85 mph.</p>				
WAYNE COUNTY --- 5.0 NNE WAYNE CITY [38.42, -88.54], 5.0 NE CISNE [38.57, -88.36]				
	03/08/09 11:42 CST		40K	Tornado (EF1, L: 14.44 mi , W: 50 yd)
	03/08/09 11:56 CST	1	0	Source: NWS Storm Survey

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<p>Intermittent damage was observed along the path of this tornado, which contained peak winds near 100 mph. Most of the damage was tree damage. Some trees were snapped and uprooted. Two structures were damaged, including a mobile home that was not tied down. The mobile home was rolled while a man was inside. He suffered broken ribs. The other damaged structure was a 40-by-60 foot storage shed. About one third of the shed was blown over a storage barn into a house, causing significant damage to the house. Debris was blown into a field across the street. A power pole was blown down. The tornado was witnessed about four miles north of Sims in the middle of a field. It was described as a black rotating cloud.</p>				
WAYNE COUNTY --- 5.0 N FAIRFIELD [38.45, -88.37]				
	03/08/09 11:55 CST		0	Hail (1.00 in)
	03/08/09 11:55 CST		0	Source: Trained Spotter
WAYNE COUNTY --- 3.0 N ENTERPRISE [38.56, -88.35], 3.0 W WYNOOSE [38.60, -88.28]				
	03/08/09 11:58 CST		90K	Tornado (EF2, L: 4.73 mi , W: 100 yd)
	03/08/09 12:03 CST		0	Source: NWS Storm Survey
<p>Several structures were damaged. Half of the roof was blown off one house. A well-built storage barn was blown into another house. Debris was blown several hundred yards. Debris from a house impacted a second house 250 yards away. The second house had only minor structural damage. A large metal barn partially caved in when a small grain elevator blew onto it. Peak winds were estimated near 122 mph. The tornado crossed into Clay County.</p>				
ALEXANDER COUNTY --- MC CLURE [37.32, -89.43]				
	03/08/09 12:04 CST		0	Funnel Cloud
	03/08/09 12:04 CST		0	Source: Emergency Manager
<p>Funnel clouds were reported near McClure heading toward Union County.</p>				
JOHNSON COUNTY --- 2.0 W BELKNAP [37.32, -88.97]				
	03/08/09 12:25 CST		0	Hail (0.75 in)
	03/08/09 12:25 CST		0	Source: Trained Spotter
<p>A strong 500 mb shortwave moved rapidly northeast from the Plains during the day. The shortwave became a closed low over the Great Lakes region by the evening hours. In the lower levels, a strong southwest 850 mb jet from 60 to 65 knots shifted east from the Ozarks across southern Illinois. These features provided sufficient shear and instability for a significant tornado.</p>				
(IL-Z084) JACKSON, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	03/17/09 02:00 CST		0	Dense Fog
	03/17/09 08:00 CST		0	
<p>Light winds, clear skies, and ample moisture near the ground resulted in areas of dense fog. Visibility fell to one-quarter mile or less at many locations. The dense fog was in the extreme southern part of the state, south of a line from Carbondale to Harrisburg.</p>				
(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	03/24/09 14:00 CST		10K	Strong Wind (MAX 40 kt)
	03/24/09 19:00 CST		0	
<p>Low pressure in the Plains produced a strong southerly wind flow. Peak wind gusts were generally near 45 mph across southwest Illinois, roughly along and west of Interstate 57. The peak gust at the Carbondale airport was 46 mph.</p>				
INDIANA, Southwest				
VANDERBURGH COUNTY --- EVANSVILLE [37.98, -87.55]				
	03/28/09 16:26 CST		0	Funnel Cloud
	03/28/09 16:26 CST		0	Source: Emergency Manager
<p>The supercell thunderstorm that produced a strong tornado over Henderson County, Kentucky crossed the Ohio River. A rotating funnel cloud was reported at the intersection of the Lloyd Expressway and Interstate 164 in Evansville.</p>				
WARRICK COUNTY --- 1.0 E NEWBURGH [37.95, -87.40]				
	03/28/09 16:48 CST		0	Hail (0.75 in)
	03/28/09 16:48 CST		0	Source: Trained Spotter

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A strong low pressure center moved northeast from Oklahoma into south central Missouri by late afternoon, with a warm front extending east from the low across western Kentucky. The warm front served as a focusing mechanism for some of the ingredients needed for tornadogenesis. While most of the severe weather occurred in western Kentucky, a supercell produced a funnel cloud over the Evansville area.

KENTUCKY, Southwest

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z017) CHRISTIAN, (KY-Z022) TODD				
	03/08/09 10:00 CST		13K	Strong Wind (MAX 42 kt)
	03/08/09 13:00 CST		0	

Strong west to southwest winds in the wake of a cold front gusted to around 45 mph. The strong winds were roughly along and southwest of Interstate 24. The peak measured wind gusts were 48 mph at Paducah and 45 mph at Hopkinsville.

WEBSTER COUNTY --- 4.0 SW DIXON [37.48, -87.75], 3.9 SW DIXON [37.48, -87.75]

03/08/09 13:45 CST	40K	Tornado (EF1, L: 0.20 mi , W: 75 yd)
03/08/09 13:46 CST	0	Source: NWS Storm Survey

Peak winds in this very brief tornado were estimated near 95 mph. Four outbuildings were destroyed. A garage and a camper were damaged.

HOPKINS COUNTY --- EARLINGTON [37.27, -87.52]

03/08/09 14:44 CST	0	Hail (1.00 in)
03/08/09 14:44 CST	0	Source: Law Enforcement

Quarter-size hail fell on the south side of Earlington.

HOPKINS COUNTY --- MORTONS GAP [37.23, -87.48]

03/08/09 14:44 CST	1K	Thunderstorm Wind (EG 50 kt)
03/08/09 14:44 CST	0	Source: Emergency Manager

Tree limbs were down on a road.

HOPKINS COUNTY --- NORTONVILLE [37.20, -87.47]

03/08/09 14:45 CST	0	Funnel Cloud
03/08/09 14:45 CST	0	Source: Broadcast Media

A funnel cloud was photographed over Nortonville.

A strong 500 mb shortwave moved rapidly northeast from the Plains during the day. The shortwave became a closed low over the Great Lakes region by the evening hours. In the lower levels, a strong southwest 850 mb jet from 60 to 65 knots shifted east from the Ozarks across southern Illinois. These features provided sufficient shear and instability for a few severe weather events. A supercell that tracked east along the Western Kentucky Parkway was responsible for all of the severe weather events except the brief tornado in Webster County.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD				
	03/17/09 02:00 CST		0	Dense Fog
	03/17/09 08:00 CST		0	

Light winds, clear skies, and ample moisture near the ground resulted in areas of dense fog. Visibility fell to one-quarter mile or less at many locations. The dense fog was along and south of a line from Marion to Madisonville to Central City.

(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES

03/24/09 13:00 CST	6K	Strong Wind (MAX 35 kt)
03/24/09 19:00 CST	0	

Low pressure in the Plains produced a strong southerly wind flow. Peak wind gusts were generally near 40 mph across extreme western Kentucky, roughly along and west of a Paducah to Mayfield line. The peak gust at the Paducah airport was 40 mph.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CRITTENDEN COUNTY --- 2.5 N NUNN [37.47, -87.99]				
	03/28/09 14:58 CST		0	Hail (0.75 in)
	03/28/09 14:58 CST		0	Source: Trained Spotter
UNION COUNTY --- 1.4 S HENSHAW [37.60, -88.05]				
	03/28/09 15:13 CST		0	Hail (1.00 in)
	03/28/09 15:13 CST		0	Source: Trained Spotter
UNION COUNTY --- 0.7 NNW YUBA [37.58, -87.86], 2.3 NE YUBA [37.60, -87.82]				
	03/28/09 15:23 CST		60K	Tornado (EF1, L: 2.15 mi , W: 75 yd)
	03/28/09 15:26 CST		0	Source: NWS Storm Survey
<p>This was the first tornado spawned by a supercell storm that originated over Crittenden County. This was a relatively weak and short-lived tornado compared to the second. Two camper trailers were overturned, one 30-by-30 foot farm shed was destroyed, and several trees were down. Peak winds were estimated near 90 mph.</p>				
UNION COUNTY --- PRIDE [37.55, -87.90], MORGANFIELD [37.68, -87.92]				
	03/28/09 15:25 CST		50K	Hail (2.75 in)
	03/28/09 15:35 CST		0	Source: Trained Spotter
<p>Very large hail occurred with the supercell that crossed the county. Baseball size hail near the community of Pride broke windshields and shredded siding of modular homes. Quarter-size hail was reported in Morganfield.</p>				
CHRISTIAN COUNTY --- LA FAYETTE [36.67, -87.65], HERNDON [36.73, -87.57]				
	03/28/09 15:39 CST		10K	Hail (2.25 in)
	03/28/09 15:43 CST		0	Source: Emergency Manager
<p>Storm chaser vehicles were damaged.</p>				
HOPKINS COUNTY --- DAWSON SPGS [37.17, -87.70]				
	03/28/09 15:40 CST		0	Hail (0.88 in)
	03/28/09 15:40 CST		0	Source: Law Enforcement
<p>The hail was reported along Highway 109.</p>				
UNION COUNTY --- 2.0 ENE BOXVILLE [37.64, -87.80], 4.0 SE WAVERLY [37.68, -87.77]				
	03/28/09 15:40 CST		40K	Tornado (EF3, L: 3.03 mi , W: 400 yd)
	03/28/09 15:44 CST		0	Source: NWS Storm Survey
<p>The second tornado spawned by this supercell was stronger and longer lived. This second tornado formed along Highway 141 and moved northeast along the highway. Damage was spotty at the beginning of the damage path, where a small grain bin imploded. Further along the damage path, a 30-by-50 foot machinery shed was destroyed. The estimated maximum winds were near 140 mph as the tornado approached the Henderson County line. The tornado continued into Henderson County.</p>				
HENDERSON COUNTY --- 3.7 SSW KINGS MILLS [37.68, -87.77], 0.7 SSE HENDERSON ARPT [37.79, -87.67]				
	03/28/09 15:44 CST		0.50M	Tornado (EF3, L: 9.32 mi , W: 400 yd)
	03/28/09 15:55 CST	2	0	Source: NWS Storm Survey
<p>This tornado crossed into Henderson County from Union County. The tornado was near its maximum intensity of 140 mph near the county line. A Ford Ranger pickup truck was hurled about one quarter mile. Several other vehicles were overturned. Six homes were destroyed, ten received major damage, and sixty homes and buildings received minor damage. Much of the damage occurred in and near Corydon, especially along U.S. Highway 60. The hardest-hit buildings lost most walls and the roof. At least one grain bin was flattened. Hundreds of trees were snapped or uprooted. The average path width was about 300 yards. The tornado was photographed by an emergency management official. Due to the rain-wrapped nature of the tornado and the distance the photo was taken from, the tornado was not easily identifiable in the photo. The photographer was near where the tornado lifted or dissipated, less than a mile from the Henderson County airport. However, the tornado was still some distance away at the time of the photo.</p>				
CHRISTIAN COUNTY --- HOPKINSVILLE [36.85, -87.48]				
	03/28/09 15:50 CST		0	Hail (1.00 in)
	03/28/09 15:57 CST		0	Source: Law Enforcement

The quarter size hail was reported along Interstate 24 and along Highway 41.

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HENDERSON COUNTY --- GENEVA [37.82, -87.70]				
	03/28/09 15:50 CST		0	Hail (1.00 in)
	03/28/09 15:50 CST		0	Source: Trained Spotter
CHRISTIAN COUNTY --- HOPKINSVILLE [36.85, -87.48]				
	03/28/09 15:55 CST		1K	Thunderstorm Wind (EG 51 kt)
	03/28/09 15:55 CST		0	Source: COOP Observer
A tree was downed on the south end of town. Wind gusts were estimated at 59 mph.				
CHRISTIAN COUNTY --- 0.9 NNW HENSLEYTOWN [36.68, -87.40]				
	03/28/09 16:00 CST		5K	Thunderstorm Wind (EG 56 kt)
	03/28/09 16:00 CST		0	Source: Emergency Manager
A semi truck was overturned on Interstate 24 near mile marker 88.				
HOPKINS COUNTY --- MADISONVILLE [37.33, -87.50]				
	03/28/09 16:06 CST		0	Funnel Cloud
	03/28/09 16:06 CST		0	Source: Law Enforcement
Two funnel clouds were reported on the south side of the community.				
HOPKINS COUNTY --- MADISONVILLE [37.33, -87.50]				
	03/28/09 16:10 CST		0	Hail (0.88 in)
	03/28/09 16:15 CST		0	Source: Trained Spotter
The nickel size hail was reported near exit 44 of the Pennyryle Parkway. The hail lasted five minutes.				
CHRISTIAN COUNTY --- APEX [37.10, -87.35]				
	03/28/09 16:22 CST		2K	Thunderstorm Wind (EG 52 kt)
	03/28/09 16:22 CST		0	Source: Emergency Manager
The roof of a garage was damaged.				
TODD COUNTY --- 2.0 N ELKTON [36.85, -87.15]				
	03/28/09 16:22 CST		0	Hail (0.75 in)
	03/28/09 16:22 CST		0	Source: Trained Spotter
MCLEAN COUNTY --- 5.0 WSW CALHOUN [37.50, -87.35], 2.0 NNW CALHOUN [37.56, -87.28]				
	03/28/09 16:36 CST		0	Hail (1.00 in)
	03/28/09 16:46 CST		0	Source: Trained Spotter
Quarter size hail and wind gusts to 55 mph were reported just north of Calhoun. Nickel size hail was reported west of town.				
DAVISS COUNTY --- 7.0 SE OWENSBORO [37.70, -87.03], 7.2 SE OWENSBORO [37.70, -87.03]				
	03/28/09 16:38 CST		0	Tornado (EF0, L: 0.20 mi , W: 30 yd)
	03/28/09 16:39 CST		0	Source: Trained Spotter
A small rope tornado was observed by trained spotters. The tornado was seen occasionally lifting off the ground. No damage was located, possibly because it was located over fields. Maximum winds were likely around 65 mph.				
DAVISS COUNTY --- WEST LOUISVILLE [37.70, -87.28]				
	03/28/09 16:55 CST		0	Funnel Cloud
	03/28/09 16:55 CST		0	Source: Trained Spotter
Two rope-like funnel clouds were reported nearing the ground.				
DAVISS COUNTY --- OWENSBORO [37.77, -87.12], 1.0 S OWENSBORO [37.76, -87.12]				
	03/28/09 17:05 CST		0	Hail (1.75 in)
	03/28/09 17:15 CST		0	Source: Trained Spotter

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Hail was up to golf-ball size on the south side of the city. Quarter-size hail occurred in town.

A strong low pressure center moved northeast from Oklahoma into south central Missouri by late afternoon, with a warm front extending east from the low across western Kentucky. The warm front served as a focusing mechanism for some of the ingredients needed for tornadogenesis.

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Photo of a Ford Ranger pickup truck that was blown one-quarter mile and found upside-down underneath tree debris. This photo was taken just inside Henderson County, less than a mile from the Union County line. NWS photo.

MISSOURI, Southeast

(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

03/08/09 07:00 CST	11K	Strong Wind (MAX 45 kt)
03/08/09 13:00 CST	0	

Strong west to southwest winds in the wake of a cold front gusted to 45 to 55 mph. The peak measured wind gusts were 52 mph at Poplar Bluff and 43 mph at Cape Girardeau.

BOLLINGER COUNTY --- 1.2 W LEOPOLD [37.25, -89.95], 3.1 SE LAFLIN [37.25, -89.86]

03/08/09 11:15 CST	60K	Tornado (EF1, L: 4.87 mi, W: 70 yd)
03/08/09 11:24 CST	0	Source: NWS Storm Survey

Several houses received major shingle damage. A barn was destroyed. Two-by-fours were driven through the exterior wall of a well-built home. A garage wall was blown out. A few other barns sustained significant structural damage. The damage path was not continuous. Peak winds were estimated near 85 mph. The tornado continued into Cape Girardeau County.

CAPE GIRARDEAU COUNTY --- 3.0 SW CRUMP [37.25, -89.86], 2.1 WNW WHITEWATER [37.24, -89.83]

03/08/09 11:24 CST	70K	Tornado (EF1, L: 1.61 mi, W: 70 yd)
03/08/09 11:27 CST	0	Source: NWS Storm Survey

The tornado entered Cape Girardeau County from Bollinger County. Almost all the shingles were blown off a house. Two barns were destroyed. The debris landed on a car and truck. The doors were blown out of a third barn. A carport was damaged. Steel siding was driven into trees. Trees were snapped. Peak winds were estimated near 80 mph.

CAPE GIRARDEAU COUNTY --- 2.0 S GORDONVILLE [37.29, -89.68]

03/08/09 11:34 CST	15K	Thunderstorm Wind (EG 65 kt)
03/08/09 11:34 CST	0	Source: NWS Storm Survey

A barn collapsed and was destroyed. A cow inside was killed, and several others were injured.

CAPE GIRARDEAU COUNTY --- (CG)CAPE GIRARDEAU [37.23, -89.57]

03/08/09 11:40 CST	0	Thunderstorm Wind (MG 54 kt)
03/08/09 11:40 CST	0	Source: ASOS

A 62 mph wind gust was measured at the Cape Girardeau airport.

CAPE GIRARDEAU COUNTY --- 1.0 S CAPE GIRARDEAU [37.29, -89.53]

03/08/09 11:47 CST	0	Funnel Cloud
03/08/09 11:47 CST	0	Source: Trained Spotter

A funnel cloud was observed south of the city but north of the Cape Girardeau airport. The funnel cloud retreated back into the clouds. The funnel cloud was reported by numerous spotters and firefighters.

A strong 500 mb shortwave moved rapidly northeast from the Plains during the day. The shortwave became a closed low over the Great Lakes region by the evening hours. In the lower levels, a strong southwest 850 mb jet from 60 to 65 knots shifted east from the Ozarks across southern Illinois. These features provided sufficient shear and instability for a round of severe weather.

CAPE GIRARDEAU COUNTY --- 1.1 SSE CAPE GIRARDEAU [37.28, -89.53], 0.7 E CAPE GIRARDEAU [37.30, -89.52], 0.8 E CAPE GIRARDEAU [37.30, -89.52], 1.2 SSE CAPE GIRARDEAU [37.28, -89.52]

03/15/09 12:00 CST	0	Flood (due to Heavy Rain / Snow Melt)
03/19/09 12:00 CST	0	Source: River/Stream Gage

The Mississippi river rose above flood stage (32.00 feet) at the Cape Girardeau gage on March 15th, crested at 33.26 feet at 5 A.M. on March 17th, then fell below flood stage on March 19th. Minor flooding occurred as the river backed into several creeks.

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Heavy rain on March 9-10th combined with snowmelt in the upper portion of the Mississippi River basin to send river levels rising further downstream.

(MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

03/17/09 02:00 CST	0	Dense Fog
03/17/09 08:00 CST	0	

Light winds, clear skies, and ample moisture near the ground resulted in areas of dense fog. Visibility fell to one-quarter mile or less at many locations.

(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER, (MO-Z108) RIPLEY, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID

03/24/09 13:00 CST	11K	Strong Wind (MAX 37 kt)
03/24/09 19:00 CST	0	

Low pressure in the Plains produced a strong southerly wind flow. Peak wind gusts were generally near 45 mph across southeast Missouri. The peak gusts at the Cape Girardeau and Poplar Bluff airports was 45 mph.

CAPE GIRARDEAU COUNTY --- 1.1 SSE CAPE GIRARDEAU [37.29, -89.53], 0.7 E CAPE GIRARDEAU [37.30, -89.52], 0.8 E CAPE GIRARDEAU [37.30, -89.52], 1.1 SSE CAPE GIRARDEAU [37.29, -89.52]

03/31/09 14:00 CST	0	Flood (due to Heavy Rain / Snow Melt)
03/31/09 23:59 CST	0	Source: River/Stream Gage

The Mississippi river at Cape Girardeau rose above flood stage(32 feet) on March 31st, crested at 33.41 feet at 12 UTC on April 2nd, and fell below flood stage on April 5th. Minor flooding occurred in low-lying areas as the river backed into several small streams.

In addition to above normal rainfall and snowmelt across upstream portions of the Mississippi River Basin, two storm systems brought locally over 2 inches of rainfall to Southeast Missouri on March 24-25th, and March 28th, respectively. This was enough to send river levels rising near Cape Girardeau by the end of the month, once again.

Storm Data and Unusual Weather Phenomena - April 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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MISSOURI, Southeast

CAPE GIRARDEAU COUNTY --- 0.7 E CAPE GIRARDEAU [37.30, -89.52], 1.1 NE CAPE GIRARDEAU [37.31, -89.52], 0.6 E CAPE GIRARDEAU [37.30, -89.52]

04/01/09 00:00 CST	0	Flood (due to Heavy Rain)
04/05/09 07:00 CST	0	Source: River/Stream Gage

Minor flooding occurred along the Mississippi River, affecting low-lying bottomland fields. At the Cape Girardeau gage, the river crested at 33.41 feet on the 2nd. Flood stage there is 32 feet.

In addition to above normal rainfall and snowmelt across upstream portions of the Mississippi River Basin, two storm systems brought locally over 2 inches of rainfall to southeast Missouri on March 24-25th, and March 28th, respectively. This was enough to keep river levels above flood stage at Cape Girardeau into early April.