

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, South</b>				
<b>(IL-Z075) JEFFERSON, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z084) JACKSON</b>				
	02/01/08 00:00 CST		0	Winter Storm
	02/01/08 05:00 CST		0	
<b>(IL-Z076) WAYNE, (IL-Z077) EDWARDS</b>				
	02/01/08 00:00 CST		0	Winter Weather
	02/01/08 04:00 CST		0	
<p>A deepening surface low pressure system tracked northward from the Lower Mississippi Valley, passing across far western Kentucky. Cold air wrapped southward around the back side of the low, keeping precipitation frozen or freezing over parts of southern Illinois. Storm total precipitation ranged from 3 to 6 inches west of Interstate 57. Specific snow and sleet accumulations included 5 inches at Ava (near Carbondale in Jackson County), 3 inches at Carbondale, and 3 inches at Pinckneyville (in Perry County). In addition, a light glaze of ice up to one-tenth inch occurred in some places. To the south and east, lesser accumulations between one and two inches occurred. Numerous accidents were reported. Two persons were injured in separate accidents in Wayne County.</p>				
<b>PERRY COUNTY --- DU QUOIN [38.02, -89.23]</b>				
	02/05/08 17:58 CST		2K	Thunderstorm Wind (EG 50 kt)
	02/05/08 17:58 CST		0	Source: Trained Spotter
Two trees were down in the city.				
<b>JEFFERSON COUNTY --- INA [38.15, -88.90], 1.2 WNW DIX [38.44, -88.95]</b>				
	02/05/08 18:12 CST		20K	Thunderstorm Wind (EG 52 kt)
	02/05/08 18:22 CST		0	Source: Amateur Radio
<p>On Interstate 57, three semis were blown over. Two semis overturned near mile post 81 in southern Jefferson County, and another semi overturned near mile post 103 near Dix. A trained spotter at Ina estimated wind gusts from 55 to 60 mph.</p>				
<b>FRANKLIN COUNTY --- 0.7 S SESSER [38.09, -89.05]</b>				
	02/05/08 18:13 CST		0	Thunderstorm Wind (EG 52 kt)
	02/05/08 18:13 CST		0	Source: Trained Spotter
<b>FRANKLIN COUNTY --- 2.3 ENE EWING [38.09, -88.81]</b>				
	02/05/08 18:28 CST		5K	Thunderstorm Wind (EG 50 kt)
	02/05/08 18:28 CST		0	Source: Trained Spotter
A few trees were down, including one on a power line.				
<b>JEFFERSON COUNTY --- BELLE RIVE [38.23, -88.73]</b>				
	02/05/08 18:29 CST		0.18M	Thunderstorm Wind (EG 74 kt)
	02/05/08 18:29 CST		0	Source: NWS Storm Survey
<p>A dozen homes sustained roof damage, such as tiles missing or trees on roofs. Thirty to 35 trees were damaged or uprooted. A small boat was blown about 200 yards, damaging a front porch and breaking a window. Numerous power lines were down.</p>				
<b>PERRY COUNTY --- 1.8 WNW CLINCH [37.98, -89.26]</b>				
	02/05/08 18:38 CST		10K	Thunderstorm Wind (EG 61 kt)
	02/05/08 18:38 CST		0	Source: Law Enforcement
A 22-foot long travel trailer was rolled out of a front yard, across a road, and into a utility pole. Other power poles were broken in the area.				
<b>WAYNE COUNTY --- FAIRFIELD [38.38, -88.37]</b>				
	02/05/08 19:05 CST		0	Funnel Cloud
	02/05/08 19:05 CST		0	Source: Law Enforcement
The funnel cloud was observed on Highway 15 just west of Fairfield.				
<b>JACKSON COUNTY --- MURPHYSBORO [37.77, -89.33]</b>				

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	02/05/08 19:12 CST		5K	Thunderstorm Wind (EG 52 kt)
	02/05/08 19:12 CST		0	Source: Newspaper

A carport was hurled into a yard, where it damaged a truck. A piece of aluminum was wrapped around a tree.

### UNION COUNTY --- 1.1 W WARE [37.45, -89.42]

02/05/08 19:22 CST	0	Funnel Cloud
02/05/08 19:22 CST	0	Source: Law Enforcement

A deepening low pressure system moved northeast from Arkansas along a warm front that extended across southeast Missouri and southern Illinois. Surface dew points were in the upper 50's to lower 60's along and southeast of the warm front. A strong upper level trough over the western Plains produced a strong southwest flow of 60 to 80 knots at 500 mb. Winds at 850 mb were south to southwest around 40 knots.

### (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

02/11/08 10:00 CST	10M	Winter Storm
02/12/08 12:00 CST	0	

Low pressure developed over the southern Plains, spreading widespread heavy precipitation across southern Illinois. At the same time, high pressure over the upper Ohio Valley produced a cold easterly wind flow. The result was a crippling ice storm. Around one inch of ice caused extensive damage across far southern Illinois, along and south of a line from Carbondale and Marion to Harrisburg and Carmi. Many of those same areas received three to six inches of sleet and snow. The most destructive icing occurred in an east to west band across Union, Johnson, Massac, and Pope Counties. The state designated most counties in southern Illinois as a disaster area. Numerous trees and power lines were brought down, knocking out power to many thousands of homes. Power outages lasted up to a week. An indirect fatality occurred in Carbondale, where an elderly man died of carbon monoxide poisoning while operating a gasoline generator in his garage. Three carbon monoxide poisonings were reported in Christopher. All three victims, who were from the same family, were not seriously injured. Emergency shelters were established for those without power for extended periods. Schools were closed for a week in some counties. Trees and tree limbs fell across roads, complicating recovery efforts. A number of houses and other structures were damaged by falling trees. The roof of a bakery and bread store in Herrin collapsed under the weight of the ice and snow. The walls of the store bowed out due to the collapse, and the structure was deemed a total loss. Ferne Clyffe State Park, Tunnel Hill State Bike Trail, and the Trail of Tears State Forest were closed for the remainder of the month due to widespread tree damage. Minor damage occurred to facilities and buildings in Ferne Clyffe State Park. To the north of the Marion, Carbondale, and Harrisburg areas, one to three inches of sleet and snow, and up to one-half inch of freezing rain occurred.

### (IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC

02/21/08 06:00 CST	0	Winter Storm
02/22/08 05:00 CST	0	

Low pressure organized over Louisiana, spreading precipitation northeast along a warm front that extended into the Ohio Valley. Arctic high pressure over the Great Lakes region produced a cold northeast wind flow in the low levels. This low-level cold air was responsible for sleet and freezing rain. Although this was the second ice storm in only ten days, ice accumulations were less serious than the crippling ice storm on February 11. One-quarter to one-half inch of ice accumulated south and east of Marion. From the Marion/Carbondale area north and west, up to 2.5 inches of sleet fell. Freezing rain coated surfaces with less than a quarter inch of ice. Many schools and businesses were closed for this second round of ice. Relatively few traffic problems were reported, although there were still some accidents involving property damage and even a few injuries. The main effect of this winter storm was to slow down cleanup efforts following the major ice storm on Feb. 11.

### GALLATIN COUNTY --- SHAWNEETOWN [37.70, -88.13], 1.1 SW SHAWNEETOWN [37.69, -88.14], 1.0 SSW SHAWNEETOWN [37.69, -88.14], 0.1 SE SHAWNEETOWN [37.70, -88.13]

02/09/08 08:00 CST	0	Flood (due to Heavy Rain)
02/22/08 12:00 CST	0	Source: Other Federal

The Ohio River crested at 41.37 feet at Shawneetown on the 16th. Flood stage is 33 feet. Minor flooding of low-lying bottomlands and fields occurred.

### ALEXANDER COUNTY --- CAIRO [37.00, -89.18], 0.5 WSW URBANDALE [37.05, -89.19], 0.3 ENE URBANDALE [37.05, -89.17], 0.9 NE CAIRO [37.01, -89.17]

02/10/08 08:00 CST	0	Flood (due to Heavy Rain)
02/24/08 12:00 CST	0	Source: Other Federal

The Ohio River crested at 43.17 feet on the Cairo gage on the 21st. Flood stage is 40 feet. Minor flooding of low-lying bottomlands and fields occurred.

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>PULASKI COUNTY --- 2.2 ESE NEW GRAND CHAIN [37.24, -88.98], 2.1 E LEVINGS [37.22, -89.03], 2.4 S NEW GRAND CHAIN [37.22, -89.02], 2.6 SE NEW GRAND CHAIN [37.23, -88.98]</b>				
	02/10/08 08:00 CST		0	Flood (due to Heavy Rain)
	02/23/08 12:00 CST		0	Source: Other Federal
The Ohio River crested at 44.70 feet at Grand Chain Lock and Dam on the 19th. Flood stage is 42 feet. Minor flooding of low-lying bottomlands and fields occurred.				
<b>MASSAC COUNTY --- BROOKPORT [37.12, -88.63], 1.5 SW SHADY GROVE [37.10, -88.59], 1.8 ESE BROOKPORT [37.11, -88.60], 0.4 SSE BROOKPORT [37.11, -88.63]</b>				
	02/11/08 08:00 CST		0	Flood (due to Heavy Rain)
	02/23/08 12:00 CST		0	Source: Other Federal
The Ohio River crested at 39.60 feet at Brookport on the 18th. Flood stage is 37 feet. Minor flooding of low-lying bottomlands and fields occurred.				
<b>POPE COUNTY --- GOLCONDA [37.37, -88.48], 0.9 SSW GOLCONDA [37.36, -88.48], 0.8 S GOLCONDA [37.36, -88.48], 0.2 ESE GOLCONDA [37.37, -88.48]</b>				
	02/12/08 08:00 CST		0	Flood (due to Heavy Rain)
	02/20/08 12:00 CST		0	Source: Other Federal
The Ohio River crested at 42.12 feet at Golconda on the 17th. Flood stage is 40 feet. Minor flooding of low-lying bottomlands and fields occurred.				
<b>Numerous thunderstorms on the 5th accompanied a strong storm system that tracked northeast across southeast Missouri and southern Illinois. Heavy rainfall on ground that was already moist from January storms caused flooding of the Ohio River.</b>				
<b>WABASH COUNTY --- 1.4 ENE MT CARMEL [38.43, -87.75], 1.2 SE MT CARMEL [38.41, -87.75], 1.6 SE MT CARMEL [38.40, -87.75], 1.5 ENE MT CARMEL [38.43, -87.74]</b>				
	02/07/08 20:00 CST		0	Flood (due to Heavy Rain)
	02/22/08 08:00 CST		0	Source: Official NWS Observations
Moderate flooding occurred on the Wabash River. At Mount Carmel, the river crested at 27.96 feet on the 15th. Flood stage is 19 feet. Cattle and farm equipment were relocated. Most roads along or near the river were impassible. Extensive lowland flooding occurred. Installation of flood gate A at Mount Carmel was necessary. Access to local camp sites was blocked. The Wabash River was more than 2 miles wide at I-64.				
<b>WHITE COUNTY --- MAUNIE [38.03, -88.05], 0.7 ENE MAUNIE [38.03, -88.04], 1.4 E MAUNIE [38.03, -88.03], 1.4 E MAUNIE [38.03, -88.03]</b>				
	02/07/08 20:00 CST		0	Flood (due to Heavy Rain)
	02/22/08 08:00 CST		0	Source: Official NWS Observations
Lowlands were flooded along the Wabash River. The flooding was generally minor along the White County shore.				
<b>Numerous thunderstorms on the 5th were caused by low pressure moving northeast across southeast Missouri and southern Illinois. These storms were followed by an ice storm on the 11th. The heavy precipitation events resulted in minor to moderate flooding for about two weeks on the Wabash River.</b>				
<b>FRANKLIN COUNTY --- PLUMFIELD [37.88, -89.00], 1.0 WNW PLUMFIELD [37.89, -89.02], 1.0 WSW PLUMFIELD [37.87, -89.02], 0.4 SSW PLUMFIELD [37.87, -89.00]</b>				
	02/08/08 04:00 CST		0	Flood (due to Heavy Rain)
	02/09/08 22:00 CST		0	Source: Official NWS Observations
Minor flooding of the Big Muddy River occurred. At Plumfield, the river crested at 20.19 feet on the 9th. Flood stage there is 20 feet. Low-lying fields and woodlands were flooded.				
<b>Numerous thunderstorms on the 5th were caused by low pressure moving northeast across southeast Missouri and southern Illinois. The heavy precipitation resulted in minor flooding on the Big Muddy River.</b>				
<b>WHITE COUNTY --- CARMIE [38.08, -88.17], 1.5 E CARMIE [38.08, -88.14], 1.8 SE CARMIE [38.06, -88.15], 1.6 S CARMIE [38.06, -88.16]</b>				
	02/17/08 08:00 CST		0	Flood (due to Heavy Rain)
	02/21/08 08:00 CST		0	Source: Official NWS Observations
Minor flooding occurred on the Little Wabash River. At Carmi, the river crested at 27.95 feet on the 19th. Flood stage there is 27 feet. Low-lying fields were flooded.				
<b>A series of heavy rain and winter storm events in early to mid February were responsible for minor flooding on the Little Wabash River. The storm track was persistent across the Mid Mississippi or Lower Ohio Valleys.</b>				

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<b>(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC</b>				
	02/17/08 09:00 CST		19K	Strong Wind (MAX 45 kt)
	02/17/08 16:00 CST		0	

Strong south winds gusted to 50 mph. The peak wind gust was 52 mph at Carbondale, 51 mph at Marion, 53 mph at Mt. Carmel, 47 mph at Cairo and Metropolis, 46 mph at Carmi and Mt. Vernon, and 45 mph at Harrisburg. The strong winds occurred in advance of a strong cold front that moved across southern Illinois during the late afternoon. The strong winds brought down some tree limbs that were laden with ice from the February 11 ice storm. This caused a setback in efforts to restore power following the ice storm.

### INDIANA, Southwest

<b>WARRICK COUNTY --- 2.0 S BOONVILLE [38.02, -87.27]</b>				
	02/05/08 05:45 CST		5K	Thunderstorm Wind (EG 50 kt)
	02/05/08 05:45 CST		0	Source: Trained Spotter

A few trees and power lines were down.

<b>WARRICK COUNTY --- BOONVILLE [38.05, -87.27]</b>				
	02/05/08 05:45 CST		0	Hail (0.75 in)
	02/05/08 05:45 CST		0	Source: Trained Spotter

<b>SPENCER COUNTY --- RICHLAND CITY [37.95, -87.17]</b>				
	02/05/08 05:50 CST		0	Hail (0.75 in)
	02/05/08 05:50 CST		0	Source: Trained Spotter

<b>SPENCER COUNTY --- RICHLAND CITY [37.95, -87.17]</b>				
	02/05/08 05:50 CST		0	Thunderstorm Wind (EG 52 kt)
	02/05/08 05:50 CST		0	Source: Trained Spotter

A cold front extended from southern Michigan southwest across southern Illinois. A narrow band of warmer and more humid air extended from southwest Ohio to western Kentucky. Isolated marginally severe storms developed in this more favorable air mass.

<b>WARRICK COUNTY --- 1.5 SSE FOLSOMVILLE [38.11, -87.16]</b>				
	02/05/08 21:26 CST		0	Thunderstorm Wind (EG 52 kt)
	02/05/08 21:26 CST		0	Source: Trained Spotter

A deepening low pressure system moved northeast from Arkansas along a warm front that extended across southeast Missouri and southern Illinois.

<b>(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER</b>				
	02/11/08 13:00 CST		0.10M	Winter Storm
	02/12/08 14:00 CST		0	

Low pressure developed over the southern Plains, spreading widespread heavy precipitation across southwest Indiana. At the same time, high pressure over the upper Ohio Valley produced a cold easterly wind flow. A significant sleet and ice storm occurred. Three to four inches of sleet and snow, along with about one-half inch of ice, coated areas south of Interstate 64. This area includes Evansville. Numerous tree limbs and power lines were brought down, causing scattered power outages. Schools and businesses were closed. In Vanderburgh County, about 20 trees fell across county streets. At least one vehicle was damaged by falling tree limbs in Boonville. A boat dock on the Ohio River collapsed under the weight of sleet and ice, damaging some boats. Vehicle accidents occurred on treacherous roads, including an injury wreck on Interstate 64 involving a snow plow. Along and north of Interstate 64, two to three inches of sleet and snow, and up to one-half inch of freezing rain occurred. Several trees were down across roads and power lines in Pike County.

<b>(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER</b>				
	02/21/08 06:00 CST		0	Winter Storm
	02/22/08 06:00 CST		0	

Low pressure organized over Louisiana, spreading precipitation northeast along a warm front that extended into the Ohio Valley. Arctic

## Storm Data and Unusual Weather Phenomena - February 2008

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<p>high pressure over the Great Lakes region produced a cold northeast wind flow in the low levels. This low-level cold air was responsible for freezing rain and sleet. Although this was the second ice storm in only ten days, ice accumulations were less serious than the crippling ice storm on February 11. One-quarter to one-half inch of ice accumulated along and south of Interstate 64. North of Interstate 64, up to 2.5 inches of sleet fell, and freezing rain coated surfaces with less than a quarter inch of ice. Many schools and businesses were closed for this second round of ice. Some vehicle accidents were reported on treacherous roads. At least one of the accidents involved an injury. A woman was moderately injured when her SUV overturned on Highway 57 in Pike County. The main effect of this winter storm was to slow down cleanup efforts following the major ice storm on Feb. 11.</p>				
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<b>WARRICK COUNTY --- NEWBURGH [37.95, -87.42], 1.1 WSW NEWBURGH [37.95, -87.44], 1.1 WSW NEWBURGH [37.94, -87.44], 0.4 S NEWBURGH [37.94, -87.42]</b>	02/07/08 14:00 CST	0		Flood (due to Heavy Rain)
	02/18/08 11:00 CST	0		Source: Official NWS Observations
<p>Minor flooding of the Ohio River occurred. At Newburgh, where flood stage is 38 feet, the river crested at 43.50 feet on the 12th. This resulted in minor flooding of low-lying fields and bottomlands.</p>				
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<b>POSEY COUNTY --- MT VERNON [37.93, -87.90], 0.3 ESE MT VERNON ARPT [37.93, -87.87], 0.5 SSE MT VERNON ARPT [37.92, -87.88], 0.3 SSE MT VERNON [37.93, -87.90]</b>	02/08/08 15:00 CST	0		Flood (due to Heavy Rain)
	02/20/08 15:00 CST	0		Source: Official NWS Observations
<p>Minor flooding of the Ohio River occurred. At Mount Vernon, where flood stage is 35 feet, the river crested at 41.30 feet on the 15th. This resulted in minor flooding of low-lying fields and bottomlands. Farm land and some main roads were flooded in places west and southwest of Mount Vernon.</p>				
<p><b>Numerous thunderstorms on the 5th accompanied a strong storm system that tracked northeast across southeast Missouri and southern Illinois. Heavy rainfall on ground that was already moist from January storms caused flooding of the Ohio River.</b></p>				
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<b>GIBSON COUNTY --- EAST MT CARMEL [38.40, -87.73], 1.8 WSW EAST MT CARMEL [38.39, -87.76], 1.0 WNW EAST MT CARMEL [38.41, -87.75], 1.0 NNW EAST MT CARMEL [38.41, -87.74]</b>	02/07/08 20:00 CST	0		Flood (due to Heavy Rain)
	02/22/08 10:00 CST	0		Source: Official NWS Observations
<p>Moderate flooding occurred on the Wabash River. At Mount Carmel, IL, the river crested at 27.96 feet on the 15th. Flood stage is 19 feet. Cattle and farm equipment were relocated. Extensive lowland flooding occurred. Flood waters began to affect residents of East Mt. Carmel. Fifth Street that parallels the river was closed. Twin Restaurant along the river closed. Several local river roads flooded. The Wabash River was more than 2 miles wide at I-64.</p>				
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<b>POSEY COUNTY --- NEW HARMONY [38.13, -87.93], 0.9 NNE NEW HARMONY [38.14, -87.92], 0.9 NNE NEW HARMONY [38.14, -87.93], 0.7 WNW NEW HARMONY [38.13, -87.94]</b>	02/09/08 20:00 CST	0		Flood (due to Heavy Rain)
	02/24/08 10:00 CST	0		Source: Official NWS Observations
<p>Minor flooding occurred on the Wabash River. At New Harmony, the river crested at 19.46 feet on the 16th. Flood stage is 15 feet. Surrounding bottomland was flooded. Harmonie State Park was closed. The Wabash River was more than 2 miles wide at I-64.</p>				
<p><b>Numerous thunderstorms on the 5th were caused by low pressure moving northeast across southeast Missouri and southern Illinois. These storms were followed by an ice storm on the 11th. The heavy precipitation events resulted in minor to moderate flooding for about two weeks on the Wabash River.</b></p>				
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<b>PIKE COUNTY --- PETERSBURG [38.50, -87.28], 1.2 N PETERSBURG [38.52, -87.28], 1.0 NW PETERSBURG [38.51, -87.29], 0.7 WNW PETERSBURG [38.50, -87.29]</b>	02/06/08 11:00 EST	0		Flood (due to Heavy Rain)
	02/17/08 20:00 EST	0		Source: Official NWS Observations
<p>Moderate flooding occurred on the White River. At Petersburg, the river crested at 23.58 feet on the 13th. Flood stage there is 16 feet. Extensive flooding affected agricultural and rural residential areas. Several rural county roads were flooded. A few residents moved out of an area locally known as Dodge City. Several small oil fields were inaccessible. High water isolated some river cabin residents. State Road 257 south of Washington completely flooded.</p>				
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<b>GIBSON COUNTY --- HAZLETON [38.48, -87.53], 1.6 W GIRO [38.50, -87.50], 1.5 N HAZLETON [38.50, -87.53], 0.8 N HAZLETON [38.49, -87.53]</b>	02/06/08 20:00 CST	0		Flood (due to Heavy Rain)
	02/18/08 20:00 CST	0		Source: Official NWS Observations
<p>Moderate flooding occurred on the White River. At Hazleton, the river crested at 24.0 feet on the 14th. Flood stage there is 16 feet. Some river cabin residents evacuated. Most local roads were flooded. Several oil fields were inaccessible.</p>				
<p><b>Numerous thunderstorms on the 5th were caused by low pressure moving northeast across southeast Missouri and southern Illinois.</b></p>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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These storms were followed by an ice storm on the 11th. The heavy precipitation events resulted in moderate flooding for about two weeks on the White River.

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**(IN-Z081) GIBSON, (IN-Z082) PIKE, (IN-Z085) POSEY, (IN-Z086) VANDERBURGH, (IN-Z087) WARRICK, (IN-Z088) SPENCER**

	02/17/08 09:00 CST		6K	Strong Wind (MAX 39 kt)
	02/17/08 17:00 CST		0	

Strong south winds gusted to 45 mph. The peak wind gust was 45 mph at Evansville. The strong winds occurred in advance of a strong cold front that moved across southern Illinois during the late afternoon. The strong winds brought down some tree limbs that were laden with ice from the February 11 ice storm. This caused a setback in efforts to restore power following the ice storm.

### KENTUCKY, Southwest

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**GRAVES COUNTY --- 0.9 SW SEDALIA [36.64, -88.61]**

	02/05/08 17:38 CST		0	Hail (0.75 in)
	02/05/08 17:38 CST		0	Source: Public

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**CALLOWAY COUNTY --- 0.7 S MURRAY [36.61, -88.32]**

	02/05/08 18:10 CST		45K	Thunderstorm Wind (EG 61 kt)
	02/05/08 18:10 CST		0	Source: Trained Spotter

Several trees were down in and around the south part of town. Street signs and power lines were down. A house was damaged and windows were blown out.

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**CARLISLE COUNTY --- 0.6 W MILBURN [36.80, -88.89]**

	02/05/08 18:10 CST		50K	Thunderstorm Wind (EG 70 kt)
	02/05/08 18:10 CST		0	Source: Emergency Manager

The Milburn Baptist Church was damaged. Sections of roof were blown off of two homes along State Route 1371. A tree landed on the roof of a home along County Road 1120. A downed tree blocked both lanes of State Route 80 east.

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**CALLOWAY COUNTY --- 0.9 SW LYNN GROVE [36.59, -88.44], 1.6 SSE MURRAY [36.60, -88.31]**

	02/05/08 18:13 CST		0	Hail (0.75 in)
	02/05/08 18:17 CST		0	Source: Trained Spotter

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**CARLISLE COUNTY --- 0.6 E MAGEE SPGS [36.92, -88.91]**

	02/05/08 18:18 CST		30K	Thunderstorm Wind (EG 65 kt)
	02/05/08 18:18 CST		0	Source: Public

One mobile home suffered severe damage. The roof was peeled off a second mobile home. A nearby vehicle had a 2x4 impaled into one side.

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**CALLOWAY COUNTY --- 1.8 NE POTTERTOWN [36.64, -88.16], 1.8 SSE FAXON [36.66, -88.14]**

	02/05/08 18:25 CST		35K	Tornado (EF1, L: 1.43 mi , W: 150 yd)
	02/05/08 18:28 CST		0	Source: NWS Storm Survey

Peak winds were estimated around 95 mph. The average path width was 90 yards. One home received shingle damage. Two large windows were blown out of another home, with significant interior damage. Winds entered the attic, then blew out the interior ceilings. Sporadic tree damage was observed along the path length.

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**HOPKINS COUNTY --- WHITE PLAINS [37.18, -87.38], 1.0 N WHITE PLAINS [37.19, -87.38]**

	02/05/08 18:32 CST		0.13M	Thunderstorm Wind (EG 78 kt)
	02/05/08 18:33 CST	1	0	Source: NWS Storm Survey

Approximately one dozen homes sustained roof damage, including some with partial roof removal. At least two mobile homes were moved off their foundations. Dozens of trees were uprooted. The damage path width averaged less than 1/4 mile. One minor injury occurred.

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**TRIGG COUNTY --- 0.6 W CANTON [36.80, -87.96]**

	02/05/08 18:40 CST		10K	Thunderstorm Wind (EG 65 kt)
	02/05/08 18:40 CST		0	Source: Unknown

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A structure was damaged due to wind.				
<b>TRIGG COUNTY --- 2.8 SSW CANTON [36.76, -87.96], 2.8 S CANTON [36.76, -87.96]</b>				
	02/05/08 18:45 CST		8K	Tornado (EF1, L: 0.08 mi , W: 40 yd)
	02/05/08 18:45 CST		0	Source: NWS Storm Survey
Trees were uprooted and snapped during this very brief tornado. Peak winds were estimated from 85 to 90 mph.				
<b>TRIGG COUNTY --- 2.5 N MAPLE GROVE [36.81, -87.88], 1.8 SE CADIZ [36.85, -87.80]</b>				
	02/05/08 18:50 CST		60K	Tornado (EF1, L: 5.56 mi , W: 150 yd)
	02/05/08 19:00 CST		0	Source: NWS Storm Survey
Peak winds were estimated near 105 mph. The average path width was 120 yards. The roof was partially blown off of one home, shingle and minor damage occurred to other homes, trees were uprooted and snapped, and a barn was shifted slightly off its foundation.				
<b>CHRISTIAN COUNTY --- 4.3 WNW SINKING FORK [36.96, -87.65], 3.0 NE CROFTON [37.08, -87.44]</b>				
	02/05/08 19:09 CST		4.40M	Tornado (EF2, L: 14.06 mi , W: 275 yd)
	02/05/08 19:25 CST	2	0	Source: NWS Storm Survey
Twenty-seven homes were damaged and 17 were destroyed. A total of 19 garages, sheds, and barns were damaged or destroyed. Of the destroyed homes, at least five were mobile homes. The two injured persons transported themselves to local hospitals. The county was declared a federal major disaster area. Peak winds were estimated near 130 mph. The average path width was 225 yards.				
<b>GRAVES COUNTY --- MAYFIELD [36.73, -88.63]</b>				
	02/05/08 19:13 CST		3K	Thunderstorm Wind (EG 52 kt)
	02/05/08 19:13 CST		0	Source: Emergency Manager
A large metal awning was wrapped around the front of a restaurant. A tree was split nearby.				
<b>MUHLENBERG COUNTY --- 4.0 SW GREENVILLE [37.16, -87.23], 2.0 N MARTWICK [37.36, -87.02]</b>				
	02/05/08 19:44 CST	3	21.30M	Tornado (EF3, L: 18.05 mi , W: 375 yd)
	02/05/08 20:01 CST	24	0	Source: NWS Storm Survey
Countywide, a total of 69 homes were destroyed and 203 were damaged. Of the 203 damaged homes, 56 sustained major damage. Most of the damage occurred in the communities of Greenville and Powdery, where 48 homes were destroyed and 32 sustained major damage (35 to 40 percent were mobile homes). The primary focus of attention was where the fatalities occurred at a mobile home park on U.S. Highway 62 near the Highway 189 bypass. In the Muhlenberg Industrial Park, a "spec" building was flattened and another building was heavily damaged. A half dozen businesses and churches were damaged, including a hotel and a car dealership. The Western Kentucky Parkway was closed near Central City due to trees blocking the road. A utility pole fell on a vehicle travelling on Kentucky 601. The tornado passed within a short distance southwest of a high school, where a basketball game was in progress at the time of the storm. A large portion of the gym roof was damaged, causing heavy water damage due to rainfall entering the building. The National Guard was activated to provide security for the area. The county was declared a federal major disaster area. The average path width was 325 yards. Peak winds were estimated near 160 mph.				
Direct Fatalities: M69MH, F62MH, F40MH				
<b>CHRISTIAN COUNTY --- 1.0 SE OAK GROVE [36.66, -87.42], 3.0 N OAK GROVE [36.71, -87.43]</b>				
	02/05/08 21:00 CST		0.32M	Thunderstorm Wind (EG 83 kt)
	02/05/08 21:03 CST		0	Source: NWS Storm Survey
Several dozen homes received minor wind damage, mostly to shingles. Additional damage occurred to fewer than ten homes. Two barns were damaged. A deck was blown off a home near exit 86 on Interstate 24. Dozens of large trees and signs were blown over. The microburst was about 1.5 miles wide.				
<b>DAVIESS COUNTY --- 2.0 SSE UTICA [37.59, -87.11]</b>				
	02/05/08 21:22 CST		25K	Thunderstorm Wind (EG 74 kt)
	02/05/08 21:22 CST		0	Source: Emergency Manager
Half of a roof, including the trusses, were torn off and tossed to the east-northeast.				
<b>CARLISLE COUNTY --- 2.0 ENE CUNNINGHAM [36.93, -88.85], 4.0 ENE CUNNINGHAM [36.94, -88.81]</b>				
	02/05/08 21:26 CST		75K	Thunderstorm Wind (EG 83 kt)
	02/05/08 21:31 CST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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One mobile home was destroyed, with the roof blown off another. Sheds and outbuildings were damaged. Several homes received shingle damage. Numerous trees were blown down. The roof was off a large chicken house. The microburst was about one-half mile wide.

**FULTON COUNTY --- 0.7 S STATE LINE [36.51, -89.12]**

02/05/08 22:04 CST			0	Hail (0.88 in)
02/05/08 22:04 CST			0	Source: Trained Spotter

The hail occurred on Highway 166.

**WEBSTER COUNTY --- 0.6 E DIXON [37.52, -87.69]**

02/05/08 22:05 CST			0	Hail (0.75 in)
02/05/08 22:05 CST			0	Source: Law Enforcement

**HOPKINS COUNTY --- 0.6 E HANSON [37.42, -87.47], EARLINGTON [37.27, -87.52]**

02/05/08 22:26 CST			0	Hail (1.00 in)
02/05/08 22:30 CST			0	Source: Trained Spotter

Nickel and dime size hail was reported near exit 49 along the Pennyriple Parkway. Quarter-size hail fell at Earlington.

**HOPKINS COUNTY --- 0.6 E DAWSON SPGS [37.17, -87.69]**

02/05/08 22:40 CST			0	Thunderstorm Wind (EG 56 kt)
02/05/08 22:40 CST			0	Source: Trained Spotter

**MCLEAN COUNTY --- 0.9 NE CALHOUN [37.54, -87.26]**

02/05/08 22:40 CST			0	Hail (0.88 in)
02/05/08 22:40 CST			0	Source: Trained Spotter

A deepening low pressure system moved northeast from Arkansas along a warm front that extended across southeast Missouri and southern Illinois. Surface dew points were in the upper 50's to lower 60's along and southeast of the warm front. A strong upper level trough over the western Plains produced a strong southwest flow of 60 to 80 knots at 500 mb. Winds at 850 mb were south to southwest around 40 knots.

**(KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG**

02/11/08 10:00 CST			9M	Winter Storm
02/12/08 14:00 CST			0	

Low pressure developed over the southern Plains, spreading widespread heavy precipitation across western Kentucky. At the same time, high pressure over the upper Ohio Valley produced a cold easterly wind flow. The result was a crippling ice storm. Around one inch of ice caused extensive damage across parts of western Kentucky, along and north of a line from Paducah to Madisonville. Many of those same areas received two to four inches of sleet and snow. Numerous trees and power lines were brought down, knocking out power to many thousands of homes. Power outages lasted up to a week. Emergency shelters were established in several counties (including Livingston, Crittenden, and Hopkins Counties) for those without power for extended periods. The National Guard was mobilized in Crittenden and Livingston Counties to help conduct door-to-door welfare checks and direct traffic. Many roads were covered by downed trees and tree limbs. Even some major roads such as U.S. Highway 60 were closed or impassable for over 24 hours in Livingston and Crittenden Counties. Travel there was banned for all but emergency traffic. Near Paducah, a fatal accident occurred shortly after the onset of freezing rain (indirect fatality). A woman lost control of her SUV in a curve and hit a tree at 45 mph. That wreck was one of 14 weather-related crashes in McCracken County. A section of the Western Kentucky Parkway was closed from the Pennyriple Parkway to Dawson Springs while tree debris was cleared from the road. All roads into and out of Dawson Springs were blocked by trees at one point.

**(KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z007) LIVINGSTON, (KY-Z010) CRITTENDEN, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS**

02/21/08 06:00 CST			40K	Ice Storm
02/22/08 05:00 CST			0	

**(KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z017) CHRISTIAN**

02/21/08 06:00 CST			0	Winter Weather
02/21/08 10:00 CST			0	

Low pressure organized over Louisiana, spreading precipitation northeast along a warm front that extended into the Ohio Valley. Arctic

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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high pressure over the Great Lakes region produced a cold northeast wind flow near the surface. This shallow cold air was responsible for freezing rain. Although this was the second ice storm in only ten days, ice accumulations were much less serious than the crippling ice storm on February 11. One-quarter to one-half inch of ice accumulated in the Ohio River counties from Paducah to Owensboro, as well as Ballard, Hopkins, and Webster Counties. Many schools and businesses were closed for this second round of ice. A tree fell on a power line near Madisonville, knocking out power to a couple hundred homes. Numerous tree limbs fell into power lines in Madisonville. Kentucky State Police worked eight wrecks in Hopkins County, mostly on the Western Kentucky and Pennyriple Parkways. Hopkins County and Madisonville law enforcement agencies worked about 20 accidents. Although less ice accumulated to the south and east, traffic problems were also widespread. Interstate 24 was closed both east and westbound in the Hopkinsville area, where dozens of accidents occurred. Local hospitals treated four people for injuries due to slips, falls, and accidents. The Western Kentucky Parkway was littered with cars off the side of the road. The main effect of this winter storm was to slow down cleanup efforts following the major ice storm on Feb. 11.

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**UNION COUNTY --- UNIONTOWN [37.77, -87.93], 1.1 WSW UNIONTOWN [37.77, -87.95], 1.2 W UNIONTOWN [37.77, -87.95], 0.8 WNW UNIONTOWN [37.77, -87.94]**

	02/08/08 14:00 CST	0	Flood (due to Heavy Rain)
	02/21/08 19:00 CST	0	Source: Other Federal

Minor flooding of the Ohio River occurred. At J.T. Myers Lock and Dam, the river crested at 42.87 feet on the 16th. Flood stage there is 37 feet. Minor flooding of low-lying bottomlands and fields occurred.

**Numerous thunderstorms on the 5th accompanied a strong storm system that tracked northeast across southeast Missouri and southern Illinois. Heavy rainfall on ground that was already moist from January storms caused flooding of the Ohio River.**

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**MUHLENBERG COUNTY --- PARADISE [37.27, -86.98], 0.3 WSW PARADISE [37.27, -86.98], 0.8 SSE PARADISE [37.26, -86.98], 0.6 SSE PARADISE [37.26, -86.98]**

	02/06/08 03:00 CST	0	Flood (due to Heavy Rain)
	02/19/08 09:00 CST	0	Source: Other Federal

At Paradise, the Green River crested at 385.26 feet on the 10th. Minor flooding of low-lying fields and bottomlands occurred.

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**MCLEAN COUNTY --- CALHOUN [37.53, -87.27], 1.5 E RUMSEY [37.52, -87.24], 1.8 E RUMSEY [37.52, -87.24], 1.2 E CALHOUN [37.53, -87.25]**

	02/09/08 03:00 CST	0	Flood (due to Heavy Rain)
	02/17/08 09:00 CST	0	Source: Other Federal

At Calhoun, the Green River crested at 24.75 feet on the 14th. Minor flooding of low-lying fields and bottomlands occurred.

**Minor flooding of the Green River occurred after a round of strong to severe thunderstorms on the 5th. The storms were triggered by a low pressure system that tracked northeast across southeast Missouri and southern Illinois.**

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**(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-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG**

	02/17/08 09:00 CST	22K	Strong Wind (MAX 41 kt)
	02/17/08 17:00 CST	0	

Strong south winds gusted from 45 to 50 mph. The peak wind gust was 47 mph at Paducah, 46 mph at Hopkinsville, and 45 mph at Owensboro. Shingles were blown off some roofs in the Owensboro area. The strong winds occurred in advance of a strong cold front that moved across southern Illinois during the late afternoon. The strong winds brought down some tree limbs that were laden with ice from the February 11 ice storm. This caused a setback in efforts to restore power following the ice storm.

### MISSOURI, Southeast

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**(MO-Z076) PERRY, (MO-Z086) BOLLINGER, (MO-Z087) CAPE GIRARDEAU, (MO-Z100) WAYNE, (MO-Z107) CARTER**

	02/01/08 00:00 CST	0	Winter Storm
	02/01/08 05:00 CST	0	

A deepening surface low pressure system tracked northward from the Lower Mississippi Valley, passing across far western Kentucky. Cold air wrapped southward around the back side of the low, keeping precipitation frozen or freezing over parts of southeast Missouri. Storm total precipitation ranged from 3 to 6 inches over the hilly terrain north and west of Cape Girardeau. Specific snow and sleet accumulations included 4 inches at Marble Hill (Bollinger County), 5 inches at Jackson (Cape Girardeau County), 3.5 inches at Cape Girardeau, 5 inches in Carter County, and 5 inches in Piedmont (Wayne County). In addition, a light glaze of ice up to one-tenth inch

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>occurred in some places.</b>				
<b>RIPLEY COUNTY --- 0.1 SSW BURR [36.50, -90.98], 2.1 W NAYLOR [36.59, -90.64]</b>				
	02/05/08 19:31 CST		80K	Tornado (EF1, L: 19.96 mi , W: 200 yd)
	02/05/08 19:48 CST		0	Source: NWS Storm Survey
The tornado crossed into Ripley County from Randolph County, Arkansas. There was sporadic tree damage with tops snapped off or uprooted. Several outbuildings (mostly pole barns) were destroyed. Four to five older unattended mobile homes were damaged or destroyed. The last damage noted was an old barn knocked over just southeast of Oxly. The width ranged from 100 to 200 yards. The damage path was broken. Peak winds were estimated near 109 mph.				
<b>RIPLEY COUNTY --- DONIPHAN [36.62, -90.82]</b>				
	02/05/08 19:40 CST		0	Hail (0.75 in)
	02/05/08 19:40 CST		0	Source: Trained Spotter
<b>RIPLEY COUNTY --- 1.3 ESE FAIRDEALING [36.66, -90.60]</b>				
	02/05/08 20:00 CST		0	Hail (0.75 in)
	02/05/08 20:00 CST		0	Source: Trained Spotter
The hail was reported just south of Highway 160 along County Road 409.				
<b>BUTLER COUNTY --- 3.6 SW HARVIELL [36.63, -90.52], 2.0 SSE HARVIELL [36.64, -90.46]</b>				
	02/05/08 20:03 CST		0.10M	Tornado (EF1, L: 3.38 mi , W: 300 yd)
	02/05/08 20:09 CST		0	Source: NWS Storm Survey
Large trees, limbs, and power poles were snapped off. An old barn was blown over, and a newer barn lost part of its roof and a large door. There was some shingle damage to homes. A large tree was uprooted and fell against a residence. Tree limbs fell on a vehicle and through a bedroom window. Several grain bins were dented by wind-blown debris. One equipment shed was blown away. The average path width was 275 yards. Peak winds were estimated near 90 mph.				
<b>BUTLER COUNTY --- 0.9 NW POPLAR BLUFF [36.76, -90.41]</b>				
	02/05/08 20:04 CST		0	Hail (0.75 in)
	02/05/08 20:04 CST		0	Source: Trained Spotter
<b>BUTLER COUNTY --- 6.5 S FISK [36.69, -90.22], 6.0 E BROSELEY [36.69, -90.14]</b>				
	02/05/08 20:18 CST		0.15M	Tornado (EF2, L: 4.27 mi , W: 200 yd)
	02/05/08 20:24 CST		0	Source: NWS Storm Survey
The tornado touched down near the intersection of Highways FF and CC. Parts of roofs were ripped off of several houses. As it moved east, it threw tin silos more than 900 yards. One of the silos hit a house and likely played a role in destroying the house. The roof and most of the exterior walls were blown off the three bedroom brick house. The family survived in a closet near the back room of the house unhurt. At the same location, an abandoned mobile home was destroyed, and the metal frame was bent. Debris from this area was spread east about 1.5 miles. Peak estimated wind speeds were near 130 mph. The damage path continued into Stoddard County.				
<b>STODDARD COUNTY --- 2.6 WNW SHOVER [36.70, -90.14], 3.4 N BERNIE [36.73, -89.97]</b>				
	02/05/08 20:24 CST		0.15M	Tornado (EF1, L: 9.63 mi , W: 100 yd)
	02/05/08 20:38 CST		0	Source: NWS Storm Survey
The tornado continued eastward from Butler County into western Stoddard County. As it moved through a wildlife refuge close to the county line, trees were damaged. Along County Road 670, a metal barn was destroyed and thrown several hundred yards into a field. A wagon was thrown approximately 150 yards. On County Road 651, a concrete silo was destroyed while an empty grain truck right next to the silo was not damaged. The tornado continued northeast and damaged mainly trees and 14 power poles before it lifted near Highway 25.				
<b>CAPE GIRARDEAU COUNTY --- 1.3 WSW NEELYS LNDG [37.49, -89.52]</b>				
	02/05/08 20:30 CST		0	Hail (1.00 in)
	02/05/08 20:30 CST		0	Source: Trained Spotter
Pea to quarter sized hail fell at Highways 177 and J.				
<b>SCOTT COUNTY --- 0.7 N LUSK [37.04, -89.38]</b>				
	02/05/08 20:55 CST		0	Thunderstorm Wind (EG 52 kt)
	02/05/08 20:55 CST		0	Source: Trained Spotter

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MISSISSIPPI COUNTY --- EAST PRAIRIE [36.78, -89.38], CHARLESTON [36.92, -89.33]</b>				
	02/05/08 21:15 CST		40K	Thunderstorm Wind (EG 61 kt)
	02/05/08 21:15 CST		0	Source: Newspaper
Five utility poles were knocked down on Highway 105 near East Prairie. Several trees were toppled, including one that landed on a housing complex in Charleston.				
A deepening low pressure system moved northeast from Arkansas along a warm front that extended across southeast Missouri and southern Illinois. Surface dew points were in the upper 50's to lower 60's along and southeast of the warm front. A strong upper level trough over the western Plains produced a strong southwest flow of 60 to 80 knots at 500 mb. Winds at 850 mb were south to southwest around 40 knots.				
<b>(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</b>				
	02/11/08 10:00 CST		9M	Winter Storm
	02/12/08 12:00 CST		0	
Low pressure developed over the southern Plains, spreading widespread heavy precipitation across southeast Missouri. At the same time, high pressure over the upper Ohio Valley produced a cold easterly wind flow. The result was a crippling ice storm. Around one inch of ice caused extensive damage across much of southeast Missouri. The hardest hit areas extended from Greenville (Wayne County) through Marble Hill (Bollinger County) to Jackson (Cape Girardeau County). North of a Marble Hill to Jackson line, four to six inches of sleet and snow fell, along with up to one-half inch of freezing rain. Thunder accompanied the wintry precipitation at times. Numerous trees and power lines were brought down, knocking out power to many thousands of homes. Falling tree limbs damaged dozens of residences, including at least five in Bollinger County. Power outages lasted up to a week. Recovery efforts were hampered by a large number of trees blocking roads, especially in rural areas of Wayne, Bollinger, and Cape Girardeau Counties. The National Guard was activated to deliver food and water and conduct door-to-door welfare checks in Cape Girardeau and Bollinger Counties. Emergency shelters were established for those without power for extended periods. On one night, a total of 71 people stayed in three shelters in Marble Hill, Jackson, and Cape Girardeau. The governor requested federal disaster assistance for Cape Girardeau, Bollinger, Butler, Scott, Stoddard, and Wayne Counties. Removal of tree debris took several weeks of effort in the hardest-hit areas, such as the city of Jackson. Damage to public property in Jackson was estimated at 1.2 million dollars, considerably higher than the May, 2003 tornado. More than 50 utility poles buckled and snapped in Jackson. In Cape Girardeau, a 200-year-old tree was destroyed. Numerous vehicle accidents were reported. The Missouri Highway Patrol reported 35 to 40 collisions in southeast Missouri, not including motorists who slid off the roads.				
<b>(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</b>				
	02/21/08 06:00 CST		0	Ice Storm
	02/22/08 03:00 CST		0	
Low pressure organized over Louisiana, spreading precipitation northeast along a warm front that extended into the Ohio Valley. Arctic high pressure over the Great Lakes region produced a cold northeast wind flow near the surface. This shallow cold air was responsible for freezing rain. Although this was the second ice storm in only ten days, ice accumulations were less serious than the crippling ice storm on February 11. One-quarter to one-half inch of ice accumulated across most of southeast Missouri. The main exception was north of Cape Girardeau County, where up to 2.5 inches of sleet fell, and freezing rain coated surfaces with less than a quarter inch of ice. Thunder accompanied the freezing rain in the Poplar Bluff area. Many schools and businesses were closed for this second round of ice. A rash of traffic accidents occurred, including 22 in the city of Cape Girardeau. A couple of people sustained minor injuries in wrecks in Perry County. A very small number of short-lived power outages occurred. The main effect of this winter storm was to slow down cleanup efforts following the major ice storm on Feb. 11.				
<b>WAYNE COUNTY --- 1.4 NNE SILVA [37.19, -90.51], 2.1 NE SILVA [37.19, -90.49], 1.2 ENE SILVA [37.18, -90.50], 1.1 NE SILVA [37.18, -90.51]</b>				
	02/17/08 05:00 CST		0	Flood (due to Heavy Rain)
	02/19/08 17:00 CST		0	Source: Official NWS Observations
Minor flooding of the St. Francis River occurred. At Patterson, the river crested at 19.89 feet on the 18th. Flood stage there is 16 feet. Low-lying fields and woodlands were flooded.				
A series of heavy rain and winter storm events in early to mid February were responsible for minor flooding on the St. Francis River. The storm track was persistent across the Mid Mississippi or Lower Ohio Valleys.				
<b>(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</b>				
	02/17/08 08:00 CST		10K	Strong Wind (MAX 43 kt)
	02/17/08 17:00 CST		0	

## Storm Data and Unusual Weather Phenomena - February 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Strong south winds gusted to near 50 mph. The peak wind gust was 49 mph at Poplar Bluff and 48 mph at Cape Girardeau. The strong winds occurred in advance of a strong cold front that moved across southern Illinois during the late afternoon. The strong winds brought down some tree limbs that were laden with ice from the February 11 ice storm. This caused a setback in efforts to restore power following the ice storm.