

## Storm Data and Unusual Weather Phenomena - April 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
<b>ILLINOIS, South</b>				
<b>GALLATIN COUNTY</b>				
SHAWNEETOWN	04/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	04/02/07 19:00 CST	0	0	37.7N, 88.13W
<p>The Ohio River crested on April 1 less than a foot over flood stage at Shawneetown. This resulted in minor flooding of low-lying fields and woodlands that began in March.</p> <p><b>The Ohio River remained above flood stage at Shawneetown from March into the first few days of April.</b></p>				
<b>WABASH COUNTY</b>				
MT CARMEL	04/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	04/10/07 09:00 CST	0	0	38.42N, 87.77W
<p>Minor flooding of the Wabash River occurred. At Mount Carmel, the river crested at 22.67 feet on April 2. Flood stage there is 19 feet. A restaurant along the river closed. Several local river roads flooded.</p> <p>All oil field production ceased with the exception of pumping units on substructures. Access to these was by boat only. Farmers moved livestock to higher ground. Many river cabins became inaccessible.</p>				
<b>WHITE COUNTY</b>				
MAUNIE	04/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	04/09/07 15:00 CST	0	0	38.03N, 88.05W
<p>Minor flooding of the Wabash River occurred. At New Harmony, Indiana, the river crested at 16.35 feet on the 4th. This crest was over a foot above the 15-foot flood stage. The river overflowed onto low fields and woodlands.</p> <p><b>Heavy rainfall in the northern part of the Wabash Valley caused points along the lower Wabash River to rise above flood stage in March. The lower portion of the Wabash remained above flood stage into April.</b></p>				
<b>JEFFERSON COUNTY</b>				
5.0 W MT VERNON	04/03/07 13:44 CST	0	0	Hail (1.75 in)
1.0 NE MT VERNON	04/03/07 13:59 CST	0	0	38.32N, 88.9921W ~ 38.3302N, 88.887W
<p>Large hail to the size of golf balls occurred west of Mount Vernon along Interstate 64. The golf-ball hail was reported at mile marker 70, about one mile east of the Woodlawn exit. Quarter-size hail fell in the Mount Vernon area.</p>				
<b>PERRY COUNTY</b>				
PINCKNEYVILLE	04/03/07 14:16 CST	0	6K	Hail (1.00 in)
	04/03/07 14:25 CST	0	0	38.08N, 89.38W
<p>Several police cars received minor damage.</p>				
<b>JACKSON COUNTY</b>				
CAMPBELL HILL	04/03/07 14:26 CST	0	0	Hail (0.75 in)
	04/03/07 14:26 CST	0	0	37.92N, 89.55W
<b>WAYNE COUNTY</b>				
FAIRFIELD	04/03/07 14:29 CST	0	0	Hail (0.75 in)
	04/03/07 14:29 CST	0	0	38.38N, 88.37W
<b>PERRY COUNTY</b>				
PINCKNEYVILLE	04/03/07 14:30 CST	0	0	Heavy Rain
DU QUOIN	04/03/07 16:00 CST	0	0	38.08N, 89.38W ~ 38.02N, 89.23W
<p>Pinckneyville measured 1.87 inches as the storms passed. Total rainfall for Du Quoin was 1.1 inches. Some streets were flooded in both places.</p>				
<b>FRANKLIN COUNTY</b>				
SESSER	04/03/07 14:40 CST	0	0	Hail (0.75 in)
	04/03/07 14:40 CST	0	0	38.1N, 89.05W
<b>HAMILTON COUNTY</b>				

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DAHLGREN	04/03/07 14:45 CST	0	0	Hail (1.00 in)
	04/03/07 14:45 CST	0	0	38.2N, 88.68W
<b>WAYNE COUNTY</b>				
1.0 NE GOLDEN GATE	04/03/07 14:46 CST	0	0	Hail (0.88 in)
	04/03/07 14:46 CST	0	0	38.3802N, 88.187W
<b>WHITE COUNTY</b>				
2.0 E BURNT PRAIRIE	04/03/07 14:47 CST	0	0	Hail (1.00 in)
	04/03/07 14:47 CST	0	0	38.25N, 88.2332W
Reported at the Burnt Prairie exit on Interstate 64.				
<b>JACKSON COUNTY</b>				
DOWELL	04/03/07 14:51 CST	0	0	Hail (1.00 in)
	04/03/07 14:51 CST	0	0	37.93N, 89.23W
<b>JACKSON COUNTY</b>				
MURPHYSBORO	04/03/07 14:51 CST	0	0	Hail (1.00 in)
	04/03/07 14:51 CST	0	0	37.77N, 89.33W
<b>EDWARDS COUNTY</b>				
8.0 SSE ALBION	04/03/07 15:00 CST	0	0	Hail (0.75 in)
	04/03/07 15:00 CST	0	0	38.2731N, 87.9936W
Dime-size hail fell four miles west-northwest of Grayville.				
<b>HAMILTON COUNTY</b>				
MC LEANSBORO	04/03/07 15:13 CST	0	0	Hail (0.75 in)
	04/03/07 15:13 CST	0	0	38.1N, 88.53W
<b>FRANKLIN COUNTY</b>				
CHRISTOPHER	04/03/07 15:14 CST	0	0	Hail (0.88 in)
WEST FRANKFORT	04/03/07 15:15 CST	0	0	37.97N, 89.05W ~ 37.9N, 88.92W
<b>PERRY COUNTY</b>				
DU QUOIN	04/03/07 15:14 CST	0	0	Hail (1.75 in)
	04/03/07 15:15 CST	0	0	38.02N, 89.23W
Golf-ball size hail was reported near the state police post.				
<b>FRANKLIN COUNTY</b>				
BENTON	04/03/07 15:20 CST	0	0	Heavy Rain
2.0 N EWING	04/03/07 15:50 CST	0	0	38N, 88.92W ~ 38.1089N, 88.85W
A street was flooded in Benton. A one-inch rain total was reported near the Jefferson County line.				
<b>JACKSON COUNTY</b>				
CARBONDALE	04/03/07 15:30 CST	0	0	Hail (1.00 in)
	04/03/07 15:40 CST	0	0	37.72N, 89.22W ~ 37.7489N, 89.22W
<b>JACKSON COUNTY</b>				
CARBONDALE	04/03/07 15:30 CST	0	0	Heavy Rain
MURPHYSBORO	04/03/07 16:30 CST	0	0	37.72N, 89.22W ~ 37.77N, 89.33W
Rainfall of 1.68 inches occurred within one hour at the Carbondale airport. Street flooding was common in Carbondale and Murphysboro.				
<b>WILLIAMSON COUNTY</b>				
CAMBRIA	04/03/07 15:30 CST	0	0	Hail (1.25 in)
JOHNSTON CITY	04/03/07 15:41 CST	0	0	37.78N, 89.12W ~ 37.82N, 88.93W
Large hail was reported in numerous places in northern and western parts of the county. The largest stones were half-dollar size in Herrin.				

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<b>WILLIAMSON COUNTY</b>				
MARION	04/03/07 15:46 CST	0	0	Hail (0.88 in)
	04/03/07 15:50 CST	0	0	37.73N, 88.93W

<b>SALINE COUNTY</b>				
HARRISBURG	04/03/07 16:09 CST	0	0	Hail (1.00 in)
3.0 NNW CARRIERS MILLS	04/03/07 16:10 CST	0	0	37.73N, 88.55W ~ 37.7201N, 88.671W

Numerous thunderstorms preceded a strong cold front that moved southeast across the region. The storms organized into lines along outflow boundaries preceding the initial storms. Hail was the primary severe weather type.

<b>JEFFERSON (IL-Z075), WAYNE (IL-Z076), EDWARDS (IL-Z077), WABASH (IL-Z078), PERRY (IL-Z080), FRANKLIN (IL-Z081), HAMILTON (IL-Z082), WHITE (IL-Z083), JACKSON (IL-Z084), WILLIAMSON (IL-Z085), SALINE (IL-Z086), GALLATIN (IL-Z087), UNION (IL-Z088), JOHNSON (IL-Z089), POPE (IL-Z090), HARDIN (IL-Z091), ALEXANDER (IL-Z092), PULASKI (IL-Z093), MASSAC (IL-Z094)</b>				
	04/05/07 00:00 CST	0	0	Frost/Freeze
	04/05/07 09:00 CST	0	0	

This was the first of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this first night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this first night of the freeze.

<b>JEFFERSON (IL-Z075), WAYNE (IL-Z076), EDWARDS (IL-Z077), WABASH (IL-Z078), PERRY (IL-Z080), FRANKLIN (IL-Z081), HAMILTON (IL-Z082), WHITE (IL-Z083), JACKSON (IL-Z084), WILLIAMSON (IL-Z085), SALINE (IL-Z086), GALLATIN (IL-Z087), UNION (IL-Z088), JOHNSON (IL-Z089), POPE (IL-Z090), HARDIN (IL-Z091), ALEXANDER (IL-Z092), PULASKI (IL-Z093), MASSAC (IL-Z094)</b>				
	04/06/07 00:00 CST	0	0	Frost/Freeze
	04/06/07 09:00 CST	0	0	

This was the second of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this second night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this second night of the freeze.

<b>JEFFERSON (IL-Z075), WAYNE (IL-Z076), EDWARDS (IL-Z077), WABASH (IL-Z078), PERRY (IL-Z080), FRANKLIN (IL-Z081), HAMILTON (IL-Z082), WHITE (IL-Z083), JACKSON (IL-Z084), WILLIAMSON (IL-Z085), SALINE (IL-Z086), GALLATIN (IL-Z087), UNION (IL-Z088), JOHNSON (IL-Z089), POPE (IL-Z090), HARDIN (IL-Z091), ALEXANDER (IL-Z092), PULASKI (IL-Z093), MASSAC (IL-Z094)</b>				
	04/07/07 00:00 CST	0	0	Frost/Freeze
	04/07/07 08:00 CST	0	0	

This was the third of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. A hard freeze occurred during this third night of the freeze, when low temperatures were in the mid 20's. Significant damage occurred to vegetation. Crop damage estimates were not yet available.

<b>JEFFERSON (IL-Z075), WAYNE (IL-Z076), EDWARDS (IL-Z077), WABASH (IL-Z078), PERRY (IL-Z080), FRANKLIN (IL-Z081), HAMILTON (IL-Z082), WHITE (IL-Z083), JACKSON (IL-Z084), WILLIAMSON (IL-Z085), SALINE (IL-Z086), GALLATIN (IL-Z087), UNION (IL-Z088), JOHNSON (IL-Z089), POPE (IL-Z090), HARDIN (IL-Z091), ALEXANDER (IL-Z092), PULASKI (IL-Z093), MASSAC (IL-Z094)</b>				
	04/08/07 00:00 CST	0	0	Frost/Freeze
	04/08/07 09:00 CST	0	0	

This was the fourth and most extreme of several freezes on consecutive nights. Extensive damage occurred to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. Low temperatures were near records for the entire month of April. Many lows were in the lower 20's. Significant damage occurred to vegetation. In particular, the apple, peach, and grape crops were virtually wiped out. Unprotected strawberry plots were wiped out. The fledgling winter wheat crop was heavily damaged in addition to some early planted corn. Blossoms on dogwood trees and other flowering trees and shrubs were lost. Foliage on trees such as oaks, maples, and Bradford pears was shriveled and discolored. Only a few trees that were already under stress were killed. Damage estimates were not yet available.

<b>JEFFERSON (IL-Z075), WAYNE (IL-Z076), EDWARDS (IL-Z077), WABASH (IL-Z078), PERRY (IL-Z080), FRANKLIN (IL-Z081), HAMILTON (IL-Z082), WHITE (IL-Z083), JACKSON (IL-Z084), WILLIAMSON (IL-Z085), SALINE (IL-Z086), GALLATIN (IL-Z087), UNION (IL-Z088), JOHNSON (IL-Z089), POPE (IL-Z090), HARDIN (IL-Z091), ALEXANDER (IL-Z092), PULASKI (IL-Z093), MASSAC (IL-Z094)</b>				
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<b>(IL-Z090), HARDIN (IL-Z091), ALEXANDER (IL-Z092), PULASKI (IL-Z093), MASSAC (IL-Z094)</b>				
	04/09/07 00:00 CST	0	0	Frost/Freeze
	04/09/07 08:00 CST	0	0	

This was the fifth consecutive night of freezing temperatures. A hard freeze occurred in most areas. Lows were in the mid 20's, not quite as cold as the previous night. Extensive damage occurred to some crops, gardens, and even trees.

<b>EDWARDS (IL-Z077), WABASH (IL-Z078), WHITE (IL-Z083), JACKSON (IL-Z084), GALLATIN (IL-Z087), UNION (IL-Z088), JOHNSON (IL-Z089), POPE (IL-Z090), HARDIN (IL-Z091)</b>				
	04/10/07 01:00 CST	0	0	Frost/Freeze
	04/10/07 05:00 CST	0	0	

Temperatures fell below freezing for the sixth consecutive night in some counties. Lows were in the lower 30's, which was not as cold as previous nights. Little additional damage occurred to crops, gardens, and trees.

<b>WHITE (IL-Z083), SALINE (IL-Z086)</b>				
	04/11/07 14:00 CST	0	2K	Strong Wind (MAX 42 kt)
	04/11/07 17:00 CST	0	0	

Strong winds occurred in the wake of a cold front trailing south from intense low pressure over west central Illinois. A wind gust to 48 MPH was measured at the airport in Carmi. At the Harrisburg airport, automated observing equipment recorded a gust to 46 MPH.

<b>GALLATIN COUNTY</b>				
SHAWNEETOWN	04/20/07 19:00 CST	0	0	Flood (due to Heavy Rain)
	04/24/07 09:00 CST	0	0	37.7N, 88.13W

At Shawneetown, the Ohio River crested at 35.56 feet on April 22. This crest produced minor flooding of low-lying fields and wooded areas. Flood stage at Shawneetown is 33 feet.

Heavy rainfall in the northern part of the Ohio Valley caused points along the Lower Ohio River to rise above flood stage once again.

<b>WAYNE COUNTY</b>				
2.0 S MIDDLETON	04/24/07 15:58 CST	0	0	Hail (0.88 in)
	04/24/07 15:58 CST	0	0	38.2711N, 88.67W

Nickel-size hail fell along Interstate 64.

<b>WABASH COUNTY</b>				
MT CARMEL	04/24/07 17:20 CST	0	0	Heavy Rain
	04/24/07 17:40 CST	0	0	38.42N, 87.77W

Heavy rainfall near one inch occurred in 20 minutes. Water covered most of a side street.

A severe thunderstorm developed in a warm and moist air mass south of a warm front.

### INDIANA, Southwest

<b>GIBSON COUNTY</b>				
EAST MT CARMEL	04/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	04/10/07 09:00 CST	0	0	38.4N, 87.73W

Minor flooding of the Wabash River occurred. At Mount Carmel, IL, the river crested at 22.67 feet on April 2. Flood stage there is 19 feet. Flood waters began to affect residents of East Mt. Carmel. Several local river roads flooded. All oil field production ceased with the exception of pumping units on substructures. Access to these was by boat only. Farmers moved livestock to higher ground. Many river cabins became inaccessible.

<b>POSEY COUNTY</b>				
MT VERNON	04/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	04/09/07 21:00 CST	0	0	37.93N, 87.9W

Minor flooding of the Wabash River occurred. At New Harmony, the river crested at 16.35 feet on the 4th. This crest was over a foot above the 15-foot flood stage. The river overflowed onto low fields and woodlands. Some stripper oil wells began to flood.

Heavy rainfall in the northern part of the Wabash Valley caused points along the lower Wabash River to rise above flood stage in March. The lower portion of the Wabash remained above flood stage into April.

## Storm Data and Unusual Weather Phenomena - April 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
<b>GIBSON COUNTY</b>				
HAZLETON	04/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	04/11/07 17:00 CST	0	0	38.48N, 87.53W
<p>At Hazleton, the White River crested at 20.20 feet on the 2nd. A secondary crest of 19.0 feet occurred on the 8th. Flood stage is 16 feet. These crests resulted in minor flooding of fields and woodlands. Most of the low bottomlands flooded. Flooding began in higher bottomlands. High water affected residents in river cabins. Oil fields and local roads flooded.</p>				
<b>PIKE COUNTY</b>				
PETERSBURG	04/01/07 00:00 EST	0	0	Flood (due to Heavy Rain)
	04/10/07 15:00 EST	0	0	38.5N, 87.28W
<p>At Petersburg, the White River crested at 20.27 feet on the 1st. A secondary crest of 18.86 feet occurred on the 8th. Flood stage is 16 feet. These crests resulted in minor flooding of fields and woodlands. Low bottomlands flooded, and flooding began on higher bottomlands. State Road 257 began to flood. Flooding affected low agricultural lands, low oil fields, and closed a few local county roads.</p>				
<p><b>Minor flooding of the White River in March continued into April. Receding floodwaters were slowed by rain of one-half to two inches on the 3rd and 4th. This rain even caused some secondary crests.</b></p>				
<b>SPENCER COUNTY</b>				
SANTA CLAUS	04/03/07 15:15 CST	0	0	Hail (1.75 in)
	04/03/07 15:20 CST	0	0	38.12N, 86.9W
<b>GIBSON COUNTY</b>				
FT BRANCH	04/03/07 15:30 CST	0	0	Hail (0.75 in)
	04/03/07 15:30 CST	0	0	38.25N, 87.58W
<b>VANDERBURGH COUNTY</b>				
EVANSVILLE	04/03/07 16:02 CST	0	0	Heavy Rain
	04/03/07 16:30 CST	0	0	37.98N, 87.55W
<p>Six inches of water was across a major intersection.</p>				
<b>VANDERBURGH COUNTY</b>				
4.0 SW EVANSVILLE	04/03/07 16:07 CST	0	0	Hail (0.75 in)
	04/03/07 16:07 CST	0	0	37.9391N, 87.6019W
<p>Numerous thunderstorms preceded a strong cold front that moved southeast across the region. The storms organized into lines along outflow boundaries preceding the initial storms. Hail was the primary severe weather type.</p>				
<b>GIBSON (IN-Z081), PIKE (IN-Z082), POSEY (IN-Z085), VANDERBURGH (IN-Z086), WARRICK (IN-Z087), SPENCER (IN-Z088)</b>				
	04/05/07 00:00 CST	0	0	Frost/Freeze
	04/05/07 09:00 CST	0	0	
<p>This was the first of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this first night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this first night of the freeze.</p>				
<b>GIBSON (IN-Z081), PIKE (IN-Z082), POSEY (IN-Z085), VANDERBURGH (IN-Z086), WARRICK (IN-Z087), SPENCER (IN-Z088)</b>				
	04/06/07 00:00 CST	0	0	Frost/Freeze
	04/06/07 09:00 CST	0	0	
<p>This was the second of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this second night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this second night of the freeze.</p>				
<b>GIBSON (IN-Z081), PIKE (IN-Z082), POSEY (IN-Z085), VANDERBURGH (IN-Z086), WARRICK (IN-Z087), SPENCER (IN-Z088)</b>				
	04/07/07 00:00 CST	0	0	Frost/Freeze
	04/07/07 08:00 CST	0	0	

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This was the third of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. A hard freeze occurred during this third night of the freeze, when low temperatures were in the mid 20's. Significant damage occurred to vegetation. Crop damage amounts were not yet available.

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

04/08/07 00:00 CST	0	0	Frost/Freeze
04/08/07 09:00 CST	0	0	

This was the fourth and most extreme of several freezes on consecutive nights. Extensive damage occurred to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. Low temperatures were near records for the entire month of April. Many lows were in the lower 20's. Significant damage occurred to vegetation. In particular, the apple, peach, and grape crops were virtually wiped out. Unprotected strawberry plots were wiped out. The fledgling winter wheat crop was heavily damaged in addition to some early planted corn. Blossoms on dogwood trees and other flowering trees and shrubs were lost. Foliage on trees such as oaks, maples, and Bradford pears was shrivelled and discolored. Only a few trees that were already under stress were killed. Damage estimates were not yet available.

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

04/09/07 00:00 CST	0	0	Frost/Freeze
04/09/07 08:00 CST	0	0	

This was the fifth consecutive night of freezing temperatures. A hard freeze occurred in most areas. Lows were in the mid 20's, not quite as cold as the previous night. Extensive damage occurred to some crops, gardens, and even trees.

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

04/10/07 01:00 CST	0	0	Frost/Freeze
04/10/07 05:00 CST	0	0	

Temperatures fell below freezing for the sixth consecutive night in some counties. Lows were in the lower 30's, which was not as cold as previous nights. Little additional damage occurred to crops, gardens, and trees.

**SPENCER COUNTY**

3.0 W ROCKPORT	04/11/07 15:10 CST	0	5K	Thunderstorm Wind (EG 52 kt)
	04/11/07 15:10 CST	0	0	37.88N, 87.1049W

A large section of shingles was blown off a four-year-old home.

**WARRICK COUNTY**

BOONVILLE	04/11/07 15:40 CST	0	0	Hail (1.00 in)
PARADISE	04/11/07 15:46 CST	0	0	38.05N, 87.27W ~ 37.98N, 87.38W

Penny to quarter size hail was reported with the storm. The penny-size hail fell in Paradise, with quarter-size hail in Boonville.

**WARRICK COUNTY**

BOONVILLE	04/11/07 15:47 CST	0	15K	Thunderstorm Wind (EG 52 kt)
	04/11/07 15:47 CST	0	0	38.05N, 87.27W

Three utility poles were snapped. A tree and numerous branches were blown down.

**GIBSON COUNTY**

OAKLAND CITY	04/11/07 15:50 CST	0	0	Hail (0.75 in)
	04/11/07 15:50 CST	0	0	38.33N, 87.35W

A powerful low pressure system moved east-northeast across central Illinois. Isolated severe thunderstorms developed ahead of a cold front that trailed south from the low across southern Illinois. These storms produced hail along with isolated reports of gusty winds.

**PIKE COUNTY**

PETERSBURG	04/16/07 02:00 EST	0	0	Flood (due to Heavy Rain)
	04/19/07 09:00 EST	0	0	38.5N, 87.28W

Minor flooding of the White River occurred once again. At Petersburg, the river crested at 16.69 feet on the 17th. This is only slightly above the flood stage of 16 feet. Some low-lying fields were flooded.

## Storm Data and Unusual Weather Phenomena - April 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
<b>Rain of one-half to slightly over an inch fell in central and southern Indiana on the 14th and 15th. This caused lowland flooding to return to portions of the White River.</b>				
<b>WARRICK COUNTY</b>				
NEWBURGH	04/19/07 05:00 CST	0	0	Flood (due to Heavy Rain)
	04/22/07 15:00 CST	0	0	37.95N, 87.42W
At Newburgh, minor flooding of the Ohio River caused some low-lying fields and woods to go under water. The river crested at Newburgh at 39.77 feet on April 21. This crest was less than two feet above the 38-foot flood stage.				
<b>POSEY COUNTY</b>				
MT VERNON	04/20/07 09:00 CST	0	0	Flood (due to Heavy Rain)
	04/23/07 18:00 CST	0	0	37.93N, 87.9W
At Mt. Vernon, minor flooding of the Ohio River caused some low-lying fields and woods to go under water. The river crested at Mt. Vernon at 36.0 feet on April 22. This crest was exactly one foot above the 35-foot flood stage.				
<b>Heavy rainfall in the northern part of the Ohio Valley caused points along the Lower Ohio River to rise above flood stage.</b>				
<b>GIBSON COUNTY</b>				
0.7 N PRINCETON	04/24/07 17:40 CST	0	2K	Thunderstorm Wind (EG 50 kt)
	04/24/07 17:40 CST	0	0	38.36N, 87.57W
Trees were blown down on the north side of Princeton.				
<b>A severe thunderstorm developed near a warm front over the Lower Ohio Valley.</b>				
<b>KENTUCKY, Southwest</b>				
<b>UNION COUNTY</b>				
3.0 SE MORGANFIELD	04/03/07 16:22 CST	0	0	Hail (0.75 in)
	04/03/07 16:22 CST	0	0	37.6493N, 87.8813W
<b>HENDERSON COUNTY</b>				
HENDERSON	04/03/07 16:29 CST	0	0	Hail (0.88 in)
	04/03/07 16:29 CST	0	0	37.83N, 87.58W
The hail was observed on U.S. Highway 60.				
<b>WEBSTER COUNTY</b>				
SEBREE	04/03/07 16:41 CST	0	0	Hail (1.50 in)
DIXON	04/03/07 16:51 CST	0	0	37.6N, 87.53W ~ 37.52N, 87.7W
Large hail occurred across many parts of Webster County. The largest reported hailstones were 1.5 inches in diameter 3 miles north of Dixon.				
<b>CRITTENDEN COUNTY</b>				
TOLU	04/03/07 16:50 CST	0	0	Hail (1.00 in)
	04/03/07 16:50 CST	0	0	37.43N, 88.25W
<b>HOPKINS COUNTY</b>				
BEULAH	04/03/07 16:59 CST	0	0	Hail (1.00 in)
NEBO	04/03/07 17:05 CST	0	0	37.27N, 87.68W ~ 37.38N, 87.65W
<b>BALLARD COUNTY</b>				
GAGE	04/03/07 17:05 CST	0	0	Hail (1.00 in)
	04/03/07 17:05 CST	0	0	36.98N, 88.88W
<b>HOPKINS COUNTY</b>				
MADISONVILLE	04/03/07 17:08 CST	0	0	Hail (0.88 in)
EARLINGTON	04/03/07 17:17 CST	0	0	37.33N, 87.5W ~ 37.27N, 87.52W
<b>MCCRACKEN COUNTY</b>				

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1.0 SE REIDLAND	04/03/07 17:08 CST	0	0	Hail (0.75 in)
	04/03/07 17:08 CST	0	0	37.0098N, 88.5172W
Occurred at exit 16 on Interstate 24.				
<b>MARSHALL COUNTY</b>				
5.0 S BENTON	04/03/07 17:09 CST	0	0	Hail (0.75 in)
	04/03/07 17:09 CST	0	0	36.7977N, 88.35W
<b>CARLISLE COUNTY</b>				
BERKELEY	04/03/07 17:10 CST	0	10K	Thunderstorm Wind (EG 52 kt)
3.0 E MILBURN	04/03/07 17:20 CST	0	0	36.8N, 89.1W ~ 36.8N, 88.8258W
Numerous trees were blown down across far southern parts of the county. The downed trees were from Highway 123 in the Berkeley area to Highways 80 and 307 east of Milburn.				
<b>MCCRACKEN COUNTY</b>				
HARDMONEY	04/03/07 17:10 CST	0	4K	Thunderstorm Wind (EG 52 kt)
3.0 N HARDMONEY	04/03/07 17:10 CST	0	0	36.95N, 88.6W ~ 36.9934N, 88.6W
Large trees were blown down. One vehicle ran into a downed tree.				
<b>CARLISLE COUNTY</b>				
BERKELEY	04/03/07 17:12 CST	0	0	Hail (1.00 in)
	04/03/07 17:12 CST	0	0	36.8N, 89.1W
<b>MARSHALL COUNTY</b>				
HARDIN	04/03/07 17:14 CST	0	0	Hail (1.00 in)
2.5 N HARDIN	04/03/07 17:28 CST	0	0	36.77N, 88.3W ~ 36.8061N, 88.3W
<b>LIVINGSTON COUNTY</b>				
LEDBETTER	04/03/07 17:15 CST	0	0	Hail (0.75 in)
	04/03/07 17:15 CST	0	0	37.05N, 88.48W
<b>HICKMAN COUNTY</b>				
CLINTON	04/03/07 17:20 CST	0	7K	Thunderstorm Wind (EG 52 kt)
	04/03/07 17:20 CST	0	0	36.67N, 88.98W
Damaging winds downed trees and branches. A business sign was destroyed.				
<b>CALLOWAY COUNTY</b>				
DEXTER	04/03/07 17:28 CST	0	0	Hail (1.75 in)
	04/03/07 17:28 CST	0	0	36.75N, 88.28W
<b>GRAVES COUNTY</b>				
FANCY FARM	04/03/07 17:31 CST	0	0	Hail (0.75 in)
3.0 E CUBA	04/03/07 17:45 CST	0	0	36.8N, 88.78W ~ 36.58N, 88.566W
<b>MUHLBERG COUNTY</b>				
BREMEN	04/03/07 17:32 CST	0	0	Hail (0.75 in)
	04/03/07 17:32 CST	0	0	37.37N, 87.22W
<b>CHRISTIAN COUNTY</b>				
3.0 N HOPKINSVILLE	04/03/07 17:41 CST	0	0	Hail (0.88 in)
4.0 E KELLY	04/03/07 17:41 CST	0	0	36.8934N, 87.48W ~ 36.97N, 87.3976W
<b>MUHLBERG COUNTY</b>				
6.0 S DRAKESBORO	04/03/07 17:43 CST	0	0	Hail (0.75 in)
	04/03/07 17:43 CST	0	0	37.1333N, 87.05W
<b>TRIGG COUNTY</b>				



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3.0 S CANTON	04/03/07 17:45 CST	0	7K	Thunderstorm Wind (EG 61 kt)
	04/03/07 17:45 CST	0	0	36.7566N, 87.95W
A metal roof was blown off a home. The house was located in a lakeshore subdivision along Lake Barkley. Parts of the roof landed in tree branches and around the neighborhood.				
<b>MARSHALL COUNTY</b>				
ELVA	04/03/07 17:46 CST	0	6K	Thunderstorm Wind (EG 52 kt)
OAK LEVEL	04/03/07 17:52 CST	0	0	36.93N, 88.47W ~ 36.87N, 88.47W
Trees were down along Highways 348 and 1949.				
<b>TODD COUNTY</b>				
5.0 W ALLEGRE	04/03/07 18:03 CST	0	0	Hail (0.75 in)
	04/03/07 18:03 CST	0	0	36.93N, 87.3104W
<b>TODD COUNTY</b>				
SHARON GROVE	04/03/07 18:10 CST	0	0	Hail (0.88 in)
2.0 N ELKTON	04/03/07 18:24 CST	0	0	36.92N, 87.1W ~ 36.8489N, 87.15W
<b>TRIGG COUNTY</b>				
CADIZ	04/03/07 18:15 CST	0	0	Hail (0.88 in)
5.0 N ROARING SPG	04/03/07 18:30 CST	0	0	36.87N, 87.82W ~ 36.7923N, 87.7W
Nickel-size hail was reported near exit 65 off Interstate 24.				
<b>CHRISTIAN COUNTY</b>				
GRACEY	04/03/07 18:20 CST	0	0	Hail (0.88 in)
	04/03/07 18:20 CST	0	0	36.87N, 87.65W
<b>CHRISTIAN COUNTY</b>				
PEMBROKE	04/03/07 18:20 CST	0	0	Hail (0.88 in)
	04/03/07 18:20 CST	0	0	36.78N, 87.35W
<b>TODD COUNTY</b>				
SHARON GROVE	04/03/07 18:30 CST	0	0	Thunderstorm Wind (EG 52 kt)
	04/03/07 18:30 CST	0	0	36.92N, 87.1W
Estimated by a co-operative observer.				
<b>HOPKINS COUNTY</b>				
MADISONVILLE	04/03/07 18:45 CST	0	0	Flash Flood (due to Heavy Rain)
	04/03/07 19:45 CST	0	0	37.33N, 87.5W
Flat Creek was reported out of its banks and flooding. Flooding was occurring along Flat Creek Road near Highway 813.				
<b>CALDWELL COUNTY</b>				
PRINCETON	04/03/07 19:15 CST	0	0	Flash Flood (due to Heavy Rain)
	04/03/07 19:45 CST	0	0	37.12N, 87.87W
Numerous streets were experiencing minor flooding.				
<b>Numerous thunderstorms preceded a strong cold front that moved southeast across the region. The storms organized into lines along outflow boundaries preceding the initial storms. Hail was the primary severe weather type, and there was some isolated wind damage.</b>				
<b>FULTON (KY-Z001), HICKMAN (KY-Z002), CARLISLE (KY-Z003), BALLARD (KY-Z004), MCCRACKEN (KY-Z005), GRAVES (KY-Z006), LIVINGSTON (KY-Z007), MARSHALL (KY-Z008), CALLOWAY (KY-Z009), CRITTENDEN (KY-Z010), LYON (KY-Z011), TRIGG (KY-Z012), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)</b>				
	04/05/07 00:00 CST	0	0	Frost/Freeze
	04/05/07 09:00 CST	0	0	

This was the first of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large

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<p>Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this first night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this first night of the freeze.</p>				
<hr/> <p>BALLARD (KY-Z004), MCCRACKEN (KY-Z005), GRAVES (KY-Z006), LIVINGSTON (KY-Z007), MARSHALL (KY-Z008), CRITTENDEN (KY-Z010), LYON (KY-Z011), TRIGG (KY-Z012), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)</p>				
	04/06/07 00:00 CST	0	0	Frost/Freeze
	04/06/07 09:00 CST	0	0	
<p>This was the second of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this second night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this second night of the freeze.</p>				
<hr/> <p>FULTON (KY-Z001), HICKMAN (KY-Z002), CARLISLE (KY-Z003), BALLARD (KY-Z004), MCCRACKEN (KY-Z005), GRAVES (KY-Z006), LIVINGSTON (KY-Z007), MARSHALL (KY-Z008), CALLOWAY (KY-Z009), CRITTENDEN (KY-Z010), LYON (KY-Z011), TRIGG (KY-Z012), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)</p>				
	04/07/07 00:00 CST	0	0	Frost/Freeze
	04/07/07 08:00 CST	0	0	
<p>This was the third of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. A hard freeze occurred during this third night of the freeze, when low temperatures were in the mid 20's. Significant damage occurred to vegetation. Crop damage amounts were not yet available.</p>				
<hr/> <p>FULTON (KY-Z001), HICKMAN (KY-Z002), CARLISLE (KY-Z003), BALLARD (KY-Z004), MCCRACKEN (KY-Z005), GRAVES (KY-Z006), LIVINGSTON (KY-Z007), MARSHALL (KY-Z008), CALLOWAY (KY-Z009), CRITTENDEN (KY-Z010), LYON (KY-Z011), TRIGG (KY-Z012), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)</p>				
	04/08/07 00:00 CST	0	0	Frost/Freeze
	04/08/07 09:00 CST	0	0	
<p>This was the fourth and most extreme of several freezes on consecutive nights. Extensive damage occurred to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. Low temperatures were near records for the entire month of April. Many lows were in the lower 20's. Significant damage occurred to vegetation. In particular, the apple, peach, and grape crops were virtually wiped out. Unprotected strawberry plots were wiped out. The fledgling winter wheat crop was heavily damaged in addition to some early planted corn. Blossoms on dogwood trees and other flowering trees and shrubs were lost. Foliage on trees such as oaks, maples, and Bradford pears was shrivelled and discolored. Only a few trees that were already under stress were killed. Damage estimates were not yet available.</p>				
<hr/> <p>FULTON (KY-Z001), HICKMAN (KY-Z002), CARLISLE (KY-Z003), BALLARD (KY-Z004), MCCRACKEN (KY-Z005), GRAVES (KY-Z006), LIVINGSTON (KY-Z007), MARSHALL (KY-Z008), CALLOWAY (KY-Z009), CRITTENDEN (KY-Z010), LYON (KY-Z011), TRIGG (KY-Z012), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)</p>				
	04/09/07 00:00 CST	0	0	Frost/Freeze
	04/09/07 08:00 CST	0	0	
<p>This was the fifth consecutive night of freezing temperatures. A hard freeze occurred in most areas. Lows were in the mid 20's, not quite as cold as the previous night. Extensive damage occurred to some crops, gardens, and even trees.</p>				
<hr/> <p>CRITTENDEN (KY-Z010), CALDWELL (KY-Z013), UNION (KY-Z014), WEBSTER (KY-Z015), HOPKINS (KY-Z016), CHRISTIAN (KY-Z017), HENDERSON (KY-Z018), DAVIESS (KY-Z019), MCLEAN (KY-Z020), MUHLENBERG (KY-Z021), TODD (KY-Z022)</p>				
	04/10/07 01:00 CST	0	0	Frost/Freeze
	04/10/07 05:00 CST	0	0	
<p>Temperatures fell below freezing for the sixth consecutive night in some counties. Lows were in the lower 30's, which was not as cold as previous nights. Little additional damage occurred to crops, gardens, and trees.</p>				
<hr/> <p>MCCRACKEN (KY-Z005), GRAVES (KY-Z006), MARSHALL (KY-Z008), CALLOWAY (KY-Z009), LYON (KY-Z011)</p>				
	04/11/07 13:00 CST	1	17K	Strong Wind (MAX 48 kt)
	04/11/07 16:00 CST	1	0	

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<p><b>Strong winds occurred in the wake of a cold front trailing south from intense low pressure over west central Illinois. A wind gust to 49 MPH was measured at the National Weather Service office in Paducah. At Calvert City, about 20 miles east of Paducah, an unofficial measurement of 52 MPH was recorded. Numerous tree limbs were blown down, and even a few whole trees. A 62-year-old man was killed in Lyon County when a large tree landed on him. The man was walking toward a house with his grandson at the time. A woman was injured on a university campus in Murray when a large section of a tree toppled on her. Although she lost consciousness, her injuries were not life-threatening. In Mayfield, two houses were damaged when a 60-foot tree fell on them. Two other large trees were blown down in Mayfield.</b></p>				
<b>DAVIESS COUNTY</b>				
STANLEY	04/11/07 14:48 CST	0	50K	Thunderstorm Wind (EG 65 kt)
OWENSBORO	04/11/07 15:03 CST	0	0	37.82N, 87.25W ~ 37.77N, 87.12W
<p>A utility company reported that a meter station, which is a small metal building, was destroyed in Stanley. A semi was overturned on U.S. Highway 231 at Highway 60. There was some sign and window damage at a downtown Owensboro hotel.</p>				
<b>DAVIESS COUNTY</b>				
2.0 S OWENSBORO	04/11/07 14:58 CST	0	0	Hail (0.75 in)
MASONVILLE	04/11/07 15:00 CST	0	0	37.7411N, 87.12W ~ 37.67N, 87.03W
<p><b>A powerful low pressure system moved east-northeast across central Illinois. Isolated severe thunderstorms developed ahead of a cold front that trailed south from the low across southern Illinois. These storms produced hail along with isolated reports of gusty winds.</b></p>				
<b>UNION COUNTY</b>				
UNIONTOWN	04/22/07 08:00 CST	0	0	Flood (due to Heavy Rain)
	04/23/07 05:00 CST	0	0	37.77N, 87.93W
<p>Minor flooding of low-lying fields and woods occurred along the Ohio River. At J.T. Myers Lock and Dam, the river crested just an inch or two above the 37-foot flood stage on April 22.</p>				
<p><b>Heavy rainfall in the northern part of the Ohio Valley caused points along the Lower Ohio River to rise above flood stage.</b></p>				
<b>MISSOURI, Southeast</b>				
<b>CARTER COUNTY</b>				
FREMONT	04/03/07 14:15 CST	0	0	Hail (1.75 in)
7.0 SW VAN BUREN	04/03/07 14:30 CST	0	0	36.95N, 91.17W ~ 36.9284N, 91.1096W
<p>Golf-ball size hail was reported throughout the community of Freemont. Most of the hail was nickel size.</p>				
<b>PERRY COUNTY</b>				
7.0 SE PERRYVILLE	04/03/07 14:35 CST	0	0	Funnel Cloud
	04/03/07 14:35 CST	0	0	37.6484N, 89.7796W
<p>A funnel cloud with strong rotation was observed southeast of Perryville along U.S. Highway 61.</p>				
<b>CARTER COUNTY</b>				
HUNTER	04/03/07 14:52 CST	0	0	Hail (1.75 in)
ELLSINORE	04/03/07 15:00 CST	0	0	36.88N, 90.85W ~ 36.93N, 90.75W
<b>CARTER COUNTY</b>				
HUNTER	04/03/07 15:00 CST	0	6K	Thunderstorm Wind (EG 52 kt)
	04/03/07 15:00 CST	0	0	36.88N, 90.85W
<p>Numerous trees were blown down.</p>				
<b>BOLLINGER COUNTY</b>				
MARBLE HILL	04/03/07 15:08 CST	0	0	Hail (0.88 in)
	04/03/07 15:08 CST	0	0	37.3N, 89.97W
<b>BOLLINGER COUNTY</b>				
MARBLE HILL	04/03/07 15:08 CST	0	0	Thunderstorm Wind (EG 50 kt)
	04/03/07 15:08 CST	0	0	37.3N, 89.97W

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Numerous tree limbs were down on DD Highway.				
<b>BUTLER COUNTY</b>				
9.0 W HENDRICKSON	04/03/07 15:15 CST	0	0	Hail (1.00 in)
	04/03/07 15:15 CST	0	0	36.9N, 90.6427W
Quarter-size hail was reported on County Road 415 in the northwest corner of the county.				
<b>RIPLEY COUNTY</b>				
5.0 W DONIPHAN	04/03/07 15:24 CST	0	0	Hail (1.75 in)
2.0 W DONIPHAN	04/03/07 15:30 CST	0	0	36.62N, 90.9101W ~ 36.62N, 90.856W
<b>BUTLER COUNTY</b>				
POPLAR BLUFF	04/03/07 15:38 CST	0	0	Hail (1.00 in)
	04/03/07 15:44 CST	0	0	36.75N, 90.4W
<b>BUTLER COUNTY</b>				
1.0 W NEELYVILLE	04/03/07 15:47 CST	0	0	Hail (1.00 in)
	04/03/07 15:47 CST	0	0	36.57N, 90.518W
Quarter-size hail was reported at the intersection of U.S. Highway 67 and Highway 142.				
<b>BUTLER COUNTY</b>				
1.0 W NEELYVILLE	04/03/07 15:47 CST	0	0	Thunderstorm Wind (EG 52 kt)
	04/03/07 15:47 CST	0	0	36.57N, 90.518W
Gusts to 60 MPH were estimated at the U.S. Highway 67 junction with Highway 142.				
<b>BOLLINGER COUNTY</b>				
1.0 S MARBLE HILL	04/03/07 16:10 CST	0	0	Hail (1.25 in)
	04/03/07 16:10 CST	0	0	37.2855N, 89.97W
<b>BUTLER COUNTY</b>				
BATESVILLE	04/03/07 16:13 CST	0	0	Hail (0.75 in)
	04/03/07 16:13 CST	0	0	36.7N, 90.25W
<b>STODDARD COUNTY</b>				
7.0 W DEXTER	04/03/07 16:21 CST	0	0	Hail (0.75 in)
	04/03/07 16:21 CST	0	0	36.8N, 90.0764W
<b>STODDARD COUNTY</b>				
3.0 N BERNIE	04/03/07 16:25 CST	0	35K	Thunderstorm Wind (EG 65 kt)
BERNIE	04/03/07 16:25 CST	2	0	36.7234N, 89.97W ~ 36.68N, 89.97W
Numerous trees, power lines, and about 10 utility poles were blown down along Highway 25. A utility pole struck a vehicle travelling on the highway. A passenger in the vehicle sustained minor injuries and was transported to a local hospital. Twenty spans of 3,400-volt electrical lines were down on the road and vehicles. Other vehicles were blown off the highway. A second person was transported to a local hospital with minor to moderate injuries, and an unspecified number of others sought their own treatment. The highway was shut down overnight and reopened the next morning. Numerous outbuildings, barns, and sheds were damaged in this rural farming area. One person reported seeing irrigation pipes blown into fields and roofs off structures.				
<b>NEW MADRID COUNTY</b>				
3.0 NE GIDEON	04/03/07 16:40 CST	0	0	Funnel Cloud
	04/03/07 16:40 CST	0	0	36.5007N, 89.8819W
Rotating funnel cloud was reported by a trained spotter.				
<b>MISSISSIPPI COUNTY</b>				
EAST PRAIRIE	04/03/07 16:55 CST	0	0	Hail (0.75 in)
	04/03/07 16:55 CST	0	0	36.78N, 89.38W
<b>MISSISSIPPI COUNTY</b>				

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EAST PRAIRIE	04/03/07 16:55 CST	0	5K	Thunderstorm Wind (EG 52 kt)
	04/03/07 16:55 CST	0	0	36.78N, 89.38W

Two trees and numerous tree limbs were blown down.

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### NEW MADRID COUNTY

NEW MADRID	04/03/07 17:00 CST	0	0	Hail (0.75 in)
	04/03/07 17:00 CST	0	0	36.6N, 89.53W

Numerous thunderstorms preceded a strong cold front that moved southeast across the region. The storms organized into lines along outflow boundaries preceding the initial storms. Hail was the primary severe weather type, and there was some isolated wind damage.

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

04/05/07 00:00 CST	0	0	Frost/Freeze
04/05/07 09:00 CST	0	0	

This was the first of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this first night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this first night of the freeze.

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

04/06/07 00:00 CST	0	0	Frost/Freeze
04/06/07 08:00 CST	0	0	

This was the second of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. Low temperatures during this second night of the freeze were just a degree or two below freezing. Most vegetation was spared from significant damage on this second night of the freeze.

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

04/07/07 00:00 CST	0	0	Frost/Freeze
04/07/07 08:00 CST	0	0	

This was the third of several freezes on consecutive nights that resulted in extensive damage to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. A large Canadian high pressure system drew unseasonably cold air into the region for several days. A hard freeze occurred during this third night of the freeze, when low temperatures were in the mid 20's. Significant damage occurred to vegetation. Crop damage amounts were not yet available.

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

04/08/07 00:00 CST	0	0	Frost/Freeze
04/08/07 09:00 CST	0	0	

This was the fourth and most extreme of several freezes on consecutive nights. Extensive damage occurred to some crops, gardens, and even trees. Record warmth in March preceded these freezes. Most growth was well ahead of schedule when the record cold struck. Low temperatures were near records for the entire month of April. Many lows were in the lower 20's. Significant damage occurred to vegetation. In particular, the apple, peach, and grape crops were virtually wiped out. Unprotected strawberry plots were wiped out. The fledgling winter wheat crop was heavily damaged in addition to some early planted corn. Blossoms on dogwood trees and other flowering trees and shrubs were lost. Foliage on trees such as oaks, maples, and Bradford pears was shrivelled and discolored. Only a few trees that were already under stress were killed. Damage estimates were not yet available.

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### CAPE GIRARDEAU COUNTY

3.0 W JACKSON	04/08/07 15:11 CST	0	0	Dust Devil
	04/08/07 15:11 CST	0	0	37.38N, 89.7246W

A dust devil was photographed at the junction of Highways 72 and 34. A number of small objects and debris were carried in the circulation. The dust devil moved from a parking lot across a barn yard, passing over a fence and close to the barn. It then went over a hill and out of sight.

A very rare phenomenon in this part of the country, a dust devil occurred in southeast Missouri.

## Storm Data and Unusual Weather Phenomena - April 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths &amp; Injuries</u>	<u>Property &amp; Crop Dmg</u>	<u>Event Type and Details</u>
<b>PERRY (MO-Z076), BOLLINGER (MO-Z086), CAPE GIRARDEAU (MO-Z087), WAYNE (MO-Z100), CARTER (MO-Z107), RIPLEY (MO-Z108), BUTLER (MO-Z109), STODDARD (MO-Z110), SCOTT (MO-Z111), MISSISSIPPI (MO-Z112), NEW MADRID (MO-Z114)</b>				
	04/09/07 00:00 CST	0	0	Frost/Freeze
	04/09/07 08:00 CST	0	0	

This was the fifth consecutive night of freezing temperatures. A hard freeze occurred in most areas. Lows were in the mid 20's, not quite as cold as the previous night. Extensive damage occurred to some crops, gardens, and even trees.

<b>PERRY (MO-Z076), BOLLINGER (MO-Z086), CAPE GIRARDEAU (MO-Z087), WAYNE (MO-Z100), SCOTT (MO-Z111)</b>				
	04/10/07 01:00 CST	0	0	Frost/Freeze
	04/10/07 05:00 CST	0	0	

Temperatures fell below freezing for the sixth consecutive night in some counties. Lows were in the lower 30's, which was not as cold as previous nights. Little additional damage occurred to crops, gardens, and trees.

<b>CAPE GIRARDEAU (MO-Z087), RIPLEY (MO-Z108), BUTLER (MO-Z109), SCOTT (MO-Z111)</b>				
	04/11/07 12:00 CST	0	4K	Strong Wind (MAX 42 kt)
	04/11/07 15:00 CST	0	0	

Strong winds occurred in the wake of a cold front trailing south from intense low pressure over west central Illinois. A wind gust to 45 MPH was measured at the emergency management office in Doniphan. At the Poplar Bluff airport, automated observing equipment recorded a gust to 48 MPH.

<b>WAYNE COUNTY</b>				
PATTERSON	04/14/07 19:00 CST	0	0	Flood (due to Heavy Rain)
	04/15/07 09:00 CST	0	0	37.18N, 90.57W

Minor flooding of fields and woodlands occurred along the St. Francis River. At Patterson, the river crested about six inches above the flood stage of 16 feet around 1:30 A.M. on the 15th.

**Thunderstorms with very heavy rainfall caused the St. Francis River to briefly rise above flood stage at Patterson.**

<b>BUTLER COUNTY</b>				
3.0 SE POPLAR BLUFF	04/24/07 23:25 CST	0	40K	Thunderstorm Wind (EG 70 kt)
	04/24/07 23:25 CST	0	0	36.7193N, 90.3617W

A small metal grain silo was tossed about 75 yards into a nearby field. The roof of another metal silo was ripped off.

**A bow-shaped line of thunderstorms developed in a warm and moist air mass south of a warm front. This line of storms produced isolated wind damage as it moved eastward.**