



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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### ILLINOIS, South

**ILZ078-083**

**Wabash - White**

<b>05</b>	<b>0900CST</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
<b>19</b>	<b>1600CST</b>			

The Wabash River was above flood stage during most of the first half of the month. At Mount Carmel, where flood stage is 19 feet, the river crested at 28.1 feet late on the 12th. This resulted in moderate flooding, with considerable inundation of low-lying woodlands and fields. Most roads along the river were impassable. Cattle and farm equipment were moved to higher ground. The Wabash River was more than 2 miles wide at Interstate 64. Some mobile homes had to be moved, and the city of Mount Carmel had to install flood gates A, B, and C. At New Harmony, Indiana, the river crested at 19.56 feet early on the 14th. This is almost 5 feet above flood stage.

**ILZ087-090>094**

**Gallatin - Pope - Hardin - Alexander - Pulaski - Massac**

<b>05</b>	<b>1700CST</b>	<b>0</b>	<b>0</b>	<b>Flood</b>
<b>20</b>	<b>1200CST</b>			

The Ohio River rose above flood stage in response to heavy rains from Illinois to Ohio at the end of December. These heavy rains continued into the first days of January. The Ohio River first reached flood stage on the 5th at Shawneetown, and last fell below flood stage on the 20th at Shawneetown. Other points in Illinois that rose above flood stage were Golconda, Brookport, Grand Chain, and Cairo. The river crested at all these points on the 14th and 15th. Shawneetown crested at 44.7 feet, well above the flood stage of 33 feet. The crests were two to three feet above flood stage from Golconda to Grand Chain, and just inches above flood stage at Cairo. These river stages resulted in minor flooding. The flooding was confined mostly to low-lying woods and fields near the river. Several county roads were closed in the Shawneetown area.

**ILZ075>078-080>094**

**Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Union - Johnson - Pope - Hardin - Alexander - Pulaski - Massac**

<b>25</b>	<b>0700CST</b>	<b>0</b>	<b>0</b>	<b>Ice Storm</b>
	<b>1800CST</b>			

The areas hardest hit by this ice storm were along and north of a line from Harrisburg to Carbondale, where about one half inch of ice glazed all surfaces. Numerous accidents were reported. At least one overturned vehicle and a jackknifed semi were reported on Interstate 57 between West Frankfort and Mount Vernon. Scattered power outages occurred as brisk winds downed ice-laden trees and power lines. One of the largest utility companies in southern Illinois reported about 1,500 customers without power. In Saline County, a downed power line blocked Illinois Route 34 near West End and U.S. Route 45 near Ledford. Most schools were closed for at least a day following the ice storm, which occurred on a Sunday. To the south of a line from Carbondale to Harrisburg, around one quarter inch of ice coated trees and power lines, but roads were mainly wet with scattered icy spots. There were some ice-laden tree limbs and power lines brought down by gusty winds. Illinois Route 145 in Massac County was one of a number of roads partially blocked by downed limbs.

**ILZ075>078-080>087**

**Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin**

<b>27</b>	<b>0100CST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
	<b>1100CST</b>			

One to two inches of snow fell across parts of southern Illinois, mainly along and north of a line from Carbondale to Harrisburg and Shawneetown. The snow began as a period of freezing drizzle that left a thin coating of ice on most surfaces. Secondary roads were reportedly very slick. Main roads, which received attention from road crews sooner, were mainly wet with some slick spots. Some icing of trees and power lines was reported in Saline County.

**ILZ075>078-080>087-089>091**

**Jefferson - Wayne - Edwards - Wabash - Perry - Franklin - Hamilton - White - Jackson - Williamson - Saline - Gallatin - Johnson - Pope - Hardin**

<b>29</b>	<b>1500CST</b>	<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
	<b>2300CST</b>			

One to two inches of snow fell across most of southern Illinois, except for the southern tip from Metropolis to Cairo and Anna. A



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					Killed	Injured	Property	Crops	

### ILLINOIS, South

thin layer of ice formed on some surfaces just prior to the snowfall. Roads were reportedly very slick and hazardous.

### INDIANA, Southwest

**INZ081>082**

**Gibson - Pike**

**04 0900CST**  
**17 2200CST**

**0      0**

**Flood**

Moderate flooding occurred along the White River, which was above flood stage for most of the first half of January. At both Petersburg and Hazelton, where the flood stage is 16 feet, the river crested between 25 and 26 feet. The crest dates were the 11th at Petersburg and the 12th at Hazelton. River cabins were evacuated, and livestock were moved. A number of rural county roads were flooded. Extensive bottomland flooding affected agricultural and rural residential areas. State Road 257 was completely flooded.

**INZ085>088**

**Posey - Vanderburgh - Warrick - Spencer**

**05 0900CST**  
**17 1700CST**

**0      1**

**Flood**

The Ohio River rose above flood stage in response to heavy rains from Illinois to Ohio at the end of December and into the first days of January. The river flooding was moderate, consisting of extensive bottomland flooding of fields and woodlands. A number of lesser travelled county roads were closed. Some families in flood-prone areas had to find alternate routes to and from their homes. One man was swept into the floodwaters in southern Vanderburgh County as he tried to walk to dry land. Two men were driving through the flooded area when their pickup truck stalled in waist-deep water. They spent the night in a river camp that they broke into, then decided to try crossing the floodwaters to dry land. Although one of the men turned back, the second continued into the cold water and was swept away by the current. He was able to grab onto a tree, and he spent three hours wedged between its limbs before he was found. The man was airlifted to a local hospital where he was treated for hypothermia with a body temperature of 90 degrees. The river first rose above flood stage at Newburgh on the 5th and last fell below flood stage at Mount Vernon on the 17th. At Newburgh, where flood stage is 38 feet, the river crested at 45.0 feet on the 10th. Evansville crested just inches above its 42-foot flood stage. Mount Vernon crested at 42.8 feet on the 12th, nearly 8 feet over flood stage. The river was 3300 feet wide at Evansville. Basements along the riverfront began to fill, and Pigeon Creek was flooded by backwater. Near Evansville, several gravel secondary roads were closed, mostly across from Henderson, KY where there is a bend in the river.

**INZ081-085**

**Gibson - Posey**

**05 0900CST**  
**19 1800CST**

**0      0**

**Flood**

The Wabash River was above flood stage during most of the first half of the month. At Mount Carmel, where flood stage is 19 feet, the river crested at 28.1 feet late on the 12th. This resulted in extensive lowland flooding in western Gibson County. Most roads along the river were impassable. Cattle and farm equipment were moved to higher ground. The Wabash River was more than 2 miles wide at Interstate 64. Some mobile homes had to be moved, and residents of East Mount Carmel began to be affected. At New Harmony, Indiana, the river crested at 19.56 feet early on the 14th. This is almost 5 feet above flood stage. Harmonie State Park was closed.

**INZ081>082-085>088**

**Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer**

**25 0500CST**  
**1700CST**

**0      0**

**Ice Storm**

Between one quarter and one half inch of ice coated all surfaces. Roads were dangerous and locally impassable. Hundreds of accidents were reported across southwest Indiana, including jackknifed tractor trailers. Some roads were closed. A State of Emergency was declared in Spencer and Pike Counties, which banned all travel except for emergencies. State highway crews were pulled off the roads in Spencer County after three salt trucks overturned on icy roads and a fourth went into a ditch. A fatal accident



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### INDIANA, Southwest

occurred on Interstate 64 on the Wabash River bridge at the Illinois state line. A van heading eastbound spun out of control on the bridge. A Mexican man and woman in the van died shortly after the wreck when a tractor-trailer rig struck them and the van (indirect fatalities). Several others in the van were not injured. In Chandler, a man was found dead in his vehicle after he had been spreading ice melt on his driveway (indirect fatality). The coroner suspected weather may have contributed to his death. Scattered power outages were reported throughout southwest Indiana as brisk winds brought down ice-laden tree limbs. Thousands of homes were without power. About 12,000 customers were without power on the east side of Evansville for about 90 minutes when ice brought down a transformer line. Another large power outage was in Boonville, where about 2,000 utility customers were affected. Evansville Regional Airport was closed for about three hours. Hospital emergency rooms reported numerous slip-and-fall injuries on the ice. The volume of accident calls was so great that towing companies were unable to keep up with the demand for help. An accident on Indiana 66 east of Grandview backed up traffic for quite a distance. The storm occurred on a Sunday. Churches cancelled services, and many retail stores were closed. Schools were cancelled on the day following the ice storm.

**INZ081>082-085>088**

**Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer**

<b>27</b>	<b>0100CST 1100CST</b>				<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
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One to two inches of snow fell across southwest Indiana. The snow began as a brief period of freezing rain that left a thin coating of ice on most surfaces. Secondary roads were reportedly slick and hazardous. Main roads were reported to be wet with slick spots.

**INZ081>082-085>088**

**Gibson - Pike - Posey - Vanderburgh - Warrick - Spencer**

<b>29</b>	<b>1500CST 2300CST</b>				<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
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One to two inches of snow fell across southwest Indiana. No major travel problems were reported.

### KENTUCKY, Southwest

**KYZ021**

**Muhlenberg**

<b>03 09</b>	<b>0800CST 1800CST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>
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The Green River rose above flood stage at TVA's Paradise fossil plant, cresting at 384.7 feet on the 6th. Flood stage at Paradise is 380 feet. This resulted in minor flooding of low-lying fields and other bottomlands.

**KYZ014-018>019**

**Union - Henderson - Daviess**

<b>06 18</b>	<b>0900CST 1400CST</b>				<b>0</b>	<b>0</b>			<b>Flood</b>
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The Ohio River rose above flood stage in northwest Kentucky due to heavy rains from Illinois to Ohio at the end of December. The heavy rains lasted into the first days of January. This resulted in moderate flooding. Low-lying woodlands and fields in the river bottomlands were flooded. In Daviess County, about a dozen roads near the river were closed by high water. The closed roads included Lower River Road from U.S. Route 60 to Griffith Station, Rockport Ferry Road, Crooked Creek Road, and other secondary county roads. Backwater from the Ohio River caused flooding near the mouth of the Green River, which flooded roads in Henderson County. On one of the flooded roads near Hebbardsville, a postal worker on his route became stranded in five-foot deep floodwaters. A dump truck from the county road department towed the man's vehicle about 3/4 mile through 5-foot floodwaters to safety. Although the 35-degree water was nearly up to the ignition of the vehicle, the postal worker refused treatment for hypothermia. At J.T. Myers Lock and Dam near Uniontown, the river rose above flood stage on the 6th and fell back below flood stage on the 18th. The river crested near 44.5 feet on the 13th, which was about 7.5 feet above flood stage.

**KYZ019>021**

**Daviess - Mclean - Muhlenberg**

<b>08</b>	<b>1400CST 2300CST</b>				<b>0</b>	<b>0</b>			<b>Winter Weather/Mix</b>
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One to two inches of snow fell across the Green River basin, including most of Muhlenberg County and the Owensboro area. Schools were closed the following day in Mclean and Muhlenberg Counties. A number of vehicle wrecks were reported in Muhlenberg County. The only one involving any injuries was a rollover accident on U.S. 431 near Belton that resulted in a minor injury.



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### KENTUCKY, Southwest

**KYZ004>005-007>008-010>022**     **Ballard - Mcracken - Livingston - Marshall - Crittenden - Lyon - Trigg - Caldwell - Union - Webster - Hopkins - Christian - Henderson - Daviess - Mclean - Muhlenberg - Todd**

25	0500CST 1700CST				0	0			<b>Ice Storm</b>
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The areas of western Kentucky hardest hit by this ice storm were close to the Indiana border, including the Henderson and Owensboro regions, where about one half inch of ice coated trees, power lines, and roads. Sporadic power outages occurred as wind brought down ice-laden tree limbs and power lines. At the height of the outages, about 2500 customers were without power. Power was restored to all but 175 homes by the end of the day following the ice storm. Cell phone towers were damaged, causing widespread cell phone outages. Numerous vehicle wrecks occurred, but none with serious injuries. Some of the wrecks involved salt trucks and tow trucks losing control on the ice. A four-vehicle wreck on an Audubon Parkway ramp at Kentucky 1554 involved a tow truck that slid into a wreck scene it was sent to clear. One person was slightly injured in that wreck. The state police post at Henderson worked about 55 accidents in its area, while the Henderson County Sheriff Department responded to 20 accidents. A spokesman for the state police post at Henderson reported the worst road conditions he had seen in years. Henderson County road crews were pulled off the roads due to "impassable" conditions for a time during the ice storm. Some schools cancelled classes on the day after the ice storm because power was not fully restored, and some tree limbs were still on roadways. The ice may have caused a house fire in Henderson. An ice-covered tree limb fell on a power line, causing a power surge that started a fire in the basement and spread up to the kitchen. South of the Owensboro and Henderson areas, ice accumulations were around one quarter inch as far south as a Paducah to Hopkinsville line. Most of the ice in this more southern area was on trees and power lines, resulting in fewer accidents, but there were still a number of tree limbs falling on power lines. In rural Hopkins County, about 3,000 customers lost power in the Dawson Springs, Earlington, Hanson, and St. Charles areas. In Madisonville, about 400 customers lost power. Only three weather-related accidents were reported to the state police post at Madisonville. Two people received minor injuries in a one-car crash on Highway 1668, a rural secondary road in Crittenden County.

**KYZ004>005-007>008-010>011-013>016-018>020**     **Ballard - Mcracken - Livingston - Marshall - Crittenden - Lyon - Caldwell - Union - Webster - Hopkins - Henderson - Daviess - Mclean**

26	0500CST 1200CST				0	0			<b>Dense Fog</b>
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Widespread dense fog enveloped much of western Kentucky, mainly along and north of a Paducah to Madisonville line. The fog formed over areas that received an ice storm the previous day. Visibilities were one quarter mile or less. The thick fog prevented any flights from departing or arriving at Owensboro-Daviess County Regional Airport for six hours.

#### **Livingston County Smithland**

26	2030CST				0	0			<b>Lightning</b>
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A lightning bolt struck a house, blowing a six-foot hole in the wall and starting a fire. The house was extensively damaged. A neighboring house caught fire, but it was not significantly damaged.

#### **Lyon County Eddyville**

26	2130CST				0	0			<b>Lightning</b>
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Lightning struck the water tower at the Kentucky State Penitentiary near Eddyville. The lightning strike caused a break in a 12-inch supply line, which emptied the tower of more than 350,000 gallons of water. The rupture forced the facility to go without running water for a while. Boilers that heat the facility were temporarily out of service.

**KYZ014-018>019**     **Union - Henderson - Daviess**

27	0100CST 1200CST				0	0			<b>Winter Weather/Mix</b>
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On the heels of a significant ice storm on the 25th, about an inch of snow fell early on the 27th. A woman was seriously injured in a



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### KENTUCKY, Southwest

two-vehicle accident on the Pennyrile Parkway near Kentucky 425, the Henderson by-pass. The woman was headed northbound on the parkway when she lost control on the ice, crossed the median into the southbound lanes, and struck a tractor-trailer rig. Both the north and southbound lanes of the parkway were closed for about 45 minutes. Another head-on collision on a rural secondary road in Henderson County resulted in less serious injuries. Kentucky State Police reported working only a handful of accidents. Schools were cancelled for much of the area. Ice on the runways cancelled morning flights at the Owensboro-Daviess County Regional Airport.

**KYZ014>015-018>021**

**Union - Webster - Henderson - Daviess - Mclean - Muhlenberg**

<b>29</b>	<b>1200CST 2100CST</b>		<b>0</b>	<b>0</b>	<b>Winter Weather/Mix</b>
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One to two inches of snow fell across northwest Kentucky, from Henderson and Owensboro south across Webster and Muhlenberg Counties. Although road conditions were reported to be hazardous, only a few minor accidents occurred.

### MISSOURI, Southeast

**MOZ076-086>087-100**

**Perry - Bollinger - Cape Girardeau - Wayne**

<b>25</b>	<b>0700CST 1300CST</b>		<b>0</b>	<b>0</b>	<b>Ice Storm</b>
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The areas of southeast Missouri hardest hit by this ice storm were north and west of Cape Girardeau, including Perryville, where around one half inch of ice glazed surfaces. Numerous vehicle wrecks occurred, including two fatalities in the Perryville area. Officials in Bollinger County reported eight traffic crashes, none with serious injuries. Sporadic power outages were reported in Bollinger County, none lasting more than two or three hours. About one quarter inch of ice was observed as far south as a line from Greenville (Wayne County) to Cape Girardeau. The ice tended to be mostly on trees and power lines in the more southern areas. Some ice-laden tree limbs and power lines were brought down. About 1,100 customers were without power due to 21 separate outages in the city of Cape Girardeau. The public works department in Cape Girardeau reported six streets needed to be cleared of fallen limbs. Schools were closed in Greenville the day after the ice storm, which occurred on a Sunday.