

Storm Data and Unusual Weather Phenomena - January 2007

<u>Location</u>	<u>Date/Time</u>	<u>Deaths & Injuries</u>	<u>Property & Crop Dmg</u>	<u>Event Type and Details</u>
ILLINOIS, South				
WABASH COUNTY				
MT CARMEL	01/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	01/30/07 18:00 CST	0	0	38.42N, 87.77W
<p>At Mount Carmel, moderate flooding occurred. The river crested there at 29.29 feet on the 22nd. Flood stage at Mount Carmel is 19 feet. These levels were near the critical stage of a few of the smaller levees. Most roads along or near the river were impassable. The river was more than two miles wide at Interstate 64. Extensive lowland flooding occurred where there was not levee protection. Some mobile homes were evacuated and moved. Oil field production in the lowlands ceased.</p>				
WHITE COUNTY				
MAUNIE	01/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	01/31/07 10:00 CST	0	0	38.03N, 88.05W
<p>Moderate flooding occurred along the White County side of the river. At the gage at New Harmony, Indiana, the river crested at 20.01 feet on the 23rd. Flood stage at New Harmony is 15 feet. Extensive lowland flooding occurred in areas not protected by levees. Some oil wells in the lowlands were flooded.</p> <p>A prolonged flooding event occurred on the Lower Wabash River due to very wet conditions in the basin in December and January. The Lower Wabash River, which was already above flood stage at the start of the month, rose in response to widespread heavy rain at mid-month.</p>				
GALLATIN COUNTY				
SHAWNEETOWN	01/11/07 12:00 CST	0	0	Flood (due to Heavy Rain)
	01/30/07 14:00 CST	0	0	37.7N, 88.13W
<p>At Shawneetown, where flood stage is 33 feet, the river crested at 42.3 feet on the 23rd. This resulted in minor flooding. Bottomland fields and woodlands were flooded.</p> <p>The Ohio River flooded due to several smaller rounds of rainfall during the first week of January, followed by a heavy rain event about mid-month. Minor flooding occurred along the river.</p>				
MASSAC COUNTY				
BROOKPORT	01/14/07 12:00 CST	0	0	Flood (due to Heavy Rain)
	01/28/07 15:00 CST	0	0	37.12N, 88.63W
<p>At Brookport, where flood stage is 37 feet, the Ohio River crested at 39.3 feet on the 16th. This resulted in minor flooding. Bottomland fields and woodlands were flooded, along with some river access roads.</p>				
PULASKI COUNTY				
GRAND CHAIN	01/14/07 13:00 CST	0	0	Flood (due to Heavy Rain)
	01/28/07 16:00 CST	0	0	37.27N, 89.02W
<p>At Grand Chain, where flood stage is 42 feet, the Ohio River crested at 44.4 feet on the 16th. This resulted in minor flooding. Bottomland fields and woodlands were flooded, along with some remote access roads.</p> <p>Several smaller rounds of rainfall during the first week of January set the stage for a heavy rain event about mid-month. The Ohio River responded quickly. Minor flooding occurred along the river.</p>				
ALEXANDER COUNTY				
SANDUSKY	01/15/07 06:00 CST	0	0	Heavy Rain
	01/15/07 16:00 CST	0	0	37.2N, 89.28W
<p>Ditches overflowed onto roads, causing some minor issues but no road closures.</p>				
JOHNSON COUNTY				
VIENNA	01/15/07 06:00 CST	0	0	Heavy Rain
REEVESVILLE	01/15/07 16:00 CST	0	0	37.42N, 88.9W ~ 37.35N, 88.72W
<p>Some secondary roads were underwater.</p>				
FRANKLIN COUNTY				
WEST FRANKFORT	01/15/07 07:00 CST	0	0	Heavy Rain
	01/15/07 17:00 CST	0	0	37.9N, 88.92W

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Heavy rain caused the flooding of a lesser travelled secondary road.				
POPE COUNTY				
BROWNFIELD	01/15/07 07:00 CST	0	0	Heavy Rain
ROSEBUD	01/15/07 17:00 CST	0	0	37.35N, 88.62W ~ 37.28N, 88.58W
Flooding of secondary roads occurred, especially around Rosebud and Brownfield.				
Heavy rain from a slow-moving low pressure system caused some minor water problems. About 2.25 inches fell at the Carbondale airport from the 13th through the 15th.				
FRANKLIN COUNTY				
PLUMFIELD	01/15/07 10:00 CST	0	0	Flood (due to Heavy Rain)
	01/24/07 18:00 CST	0	0	37.88N, 89W
At Plumfield, where flood stage is 20 feet, the Big Muddy River crested at 23.0 feet on the 18th. This resulted in minor flooding of lowland fields and woods.				
A heavy rainfall event around mid-month sent the Big Muddy River above flood stage. The ground was already moist from abundant rainfall in December and early January.				
ALEXANDER COUNTY				
CAIRO	01/15/07 13:00 CST	0	0	Flood (due to Heavy Rain)
	01/26/07 16:00 CST	0	0	37N, 89.18W
At Cairo, where flood stage is 40 feet, the Ohio River crested at 42.14 feet on the 16th. This resulted in minor flooding. Bottomland fields and woodlands were flooded, along with some remote access roads.				
Several smaller rounds of rainfall during the first week of January set the stage for a heavy rain event about mid-month. The Ohio River responded quickly. Minor flooding occurred along the river.				
WHITE COUNTY				
CARMI	01/15/07 14:00 CST	0	0	Flood (due to Heavy Rain)
	01/30/07 17:00 CST	0	0	38.08N, 88.17W
At Carmi, where flood stage is 27 feet, the Little Wabash River crested at 31.25 feet on the 23rd. This resulted in minor flooding. There was considerable flooding of low-lying fields, and county roads were inundated.				
A heavy rainfall event around mid-month sent the Little Wabash River above flood stage. The ground was already wet from abundant rainfall the previous several weeks.				
JACKSON COUNTY				
MURPHYSBORO	01/17/07 10:00 CST	0	0	Flood (due to Heavy Rain)
	01/23/07 20:00 CST	0	0	37.77N, 89.33W
At Murphysboro, where flood stage is 22 feet, the Big Muddy River crested at 24.99 feet on the 20th. This resulted in minor flooding of lowland fields and woods. Some houses just downriver from Bridge Street were affected by this minor flooding.				
A heavy rainfall event around mid-month sent the Big Muddy River above flood stage. The ground was already moist from abundant rainfall in December and early January.				
JEFFERSON (IL-Z075), WAYNE (IL-Z076), EDWARDS (IL-Z077), WABASH (IL-Z078), PERRY (IL-Z080), FRANKLIN (IL-Z081), HAMILTON (IL-Z082), WHITE (IL-Z083), WILLIAMSON (IL-Z085)				
	01/20/07 23:30 CST	0	0	Winter Weather
	01/21/07 05:00 CST	0	0	
A light mix of sleet and freezing rain caused some minor travel hazards in parts of southern Illinois, mainly north of a line from Carbondale to Shawneetown. Low pressure lifting northeast through the southern and central Plains produced a moist southwest wind flow. Icy spots were reported, leading to a few vehicles sliding off roads. Amounts of sleet and freezing rain were light, just a little more than a trace.				
INDIANA, Southwest				
GIBSON COUNTY				
EAST MT CARMEL	01/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	01/30/07 19:00 CST	0	0	38.4N, 87.73W

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At Mount Carmel, moderate flooding occurred. The river crested there at 29.29 feet on the 22nd. Flood stage at Mount Carmel is 19 feet. These levels were near the critical stage of a few of the smaller levees. Most roads along or near the river were impassable. The river was more than two miles wide at Interstate 64. Extensive lowland flooding occurred where there was not levee protection. Some mobile homes were evacuated and moved. Floodwaters began to affect residents of East Mount Carmel. Oil field production in the lowlands ceased.				

POSEY COUNTY

NEW HARMONY	01/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	01/31/07 19:00 CST	0	0	38.13N, 87.93W

At New Harmony, moderate flooding occurred. The river crested there at 20.01 feet on the 23rd. Flood stage at New Harmony is 15 feet. Parts of northern New Harmony were threatened by floodwaters. Harmonie State Park was closed. Extensive lowland flooding occurred in areas not protected by levees. Some oil wells in the lowlands were flooded.

A prolonged flooding event occurred on the Lower Wabash River due to very wet conditions in the basin in December and January. The Lower Wabash River, which was already above flood stage at the start of the month, rose in response to widespread heavy rain at mid-month.

GIBSON COUNTY

HAZLETON	01/01/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	01/28/07 14:00 CST	0	0	38.48N, 87.53W

At the Hazleton river gage, the White River crested at 26.0 feet on the 22nd. This is exactly ten feet above the flood stage of 16 feet. Although the flooding was moderately severe, this crest was five and a half feet lower than the major flood in January, 2005. Flood gates are normally installed at Hazleton at 26 feet. People in residential cabins on the riverward side of the levee generally relocate at this level. Many local roads were completely impassable. Oil fields were inaccessible. Water began to come onto the street at the corner of West 2nd Street and Brown Street in the town of Hazleton. Extensive flooding of agricultural fields occurred. Since this flood occurred outside of the growing season, little if any crop damage occurred.

PIKE COUNTY

PETERSBURG	01/01/07 00:00 EST	0	0	Flood (due to Heavy Rain)
	01/27/07 14:00 EST	0	0	38.5N, 87.28W

At the Petersburg river gage, the White River crested at 25.09 feet on the 21st. This is almost ten feet above the flood stage of 16 feet. Although the flooding was moderately severe, this crest was over two and a half feet lower than the major flood in January, 2005. Extensive bottomland flooding affected agricultural and rural residential areas. Several rural county roads flooded. A few residents moved out of an area locally known as Dodge City. Several small oil fields were inaccessible. Since this occurred outside of agricultural season, little or no crop damage occurred. High water isolated some river cabin residents. State Road 257 was completely flooded.

Unusually wet conditions in December and early January culminated in a very heavy rainfall event around mid-month. This sent the White River well above flood stage.

POSEY COUNTY

MT VERNON	01/13/07 12:00 CST	0	0	Flood (due to Heavy Rain)
	01/27/07 12:00 CST	0	0	37.93N, 87.9W

At Mt. Vernon, where flood stage is 35 feet, the Ohio River crested at 42.0 feet on the 23rd. This resulted in minor flooding of bottomland fields and woodlands. Farmland and some main roads were flooded south and southwest of Mt. Vernon.

WARRICK COUNTY

NEWBURGH	01/14/07 12:00 CST	0	0	Flood (due to Heavy Rain)
	01/24/07 12:00 CST	0	0	37.95N, 87.42W

At Newburgh, where flood stage is 38 feet, the Ohio River crested at 42.64 feet on the 20th. This resulted in minor flooding of bottomland fields and woodlands.

Minor flooding occurred along stretches of the Ohio River. The flooding was due to several smaller rounds of rainfall during the first week of January, followed by a heavy rain event around mid-month.

GIBSON COUNTY

PRINCETON	01/15/07 05:00 CST	0	0	Flood (due to Heavy Rain)
	01/27/07 09:00 CST	0	0	38.35N, 87.57W

At Princeton, where flood stage is 18 feet, the Patoka River crested at 20.48 feet on the 21st. This resulted in minor flooding of lowland fields and woods.

A heavy rainfall event around mid-month sent the Patoka River above flood stage. The ground was already wet from abundant rainfall in December and early January.

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VANDERBURGH COUNTY

EVANSVILLE	01/15/07 07:00 CST	0	0	Heavy Rain
	01/15/07 09:00 CST	0	0	37.98N, 87.55W

On the near northeast side of downtown Evansville, some basements flooded due to sewers that were backed up.

WARRICK COUNTY

YANKEETOWN	01/15/07 07:00 CST	0	0	Heavy Rain
	01/15/07 09:00 CST	0	0	37.92N, 87.3W

Old State Route 66 was closed after heavy rain caused a washout.

Heavy rain from a slow-moving low pressure system caused some minor water problems in Evansville and nearby Warrick County. At the Evansville airport, 3.57 inches fell over about a 4-day period.

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

01/21/07 00:00 CST	0	0	Winter Weather
01/21/07 05:30 CST	0	0	

A mix of light sleet, snow, and freezing rain caused some minor travel hazards. Low pressure lifting northeast through the southern and central Plains produced a moist southwest wind flow. Icy spots were reported, leading to a few vehicles sliding off roads. In Pike County, one half inch of sleet and snow was measured at Petersburg. Amounts were generally less than that to the south and west. Icy spots were reported on Interstate 64 in Posey County.

KENTUCKY, Southwest

MUHLENBERG COUNTY

PARADISE	01/08/07 08:00 CST	0	0	Flood (due to Heavy Rain)
	01/12/07 18:00 CST	0	0	37.27N, 86.98W

At the Paradise Fossil Plant, where flood stage is 380 feet, the Green River crested at 381.79 feet on the 10th. This resulted in minor flooding of bottomland fields and woodlands.

A series of light to moderate rainfall events brought the Green River above flood stage at the Paradise Fossil Plant.

HENDERSON COUNTY

ALZEY	01/13/07 09:00 CST	0	0	Flood (due to Heavy Rain)
	01/29/07 12:00 CST	0	0	37.87N, 87.82W

Kentucky 136 and Kentucky 1574 were closed in the river bottoms area. At J.T. Myers Lock and Dam, the Ohio River crested at 43.34 feet on the 23rd. Flood stage there is 37 feet.

UNION COUNTY

UNIONTOWN	01/13/07 09:00 CST	0	0	Flood (due to Heavy Rain)
	01/29/07 12:00 CST	0	0	37.77N, 87.93W

At J.T. Myers Lock and Dam, the Ohio River crested at 43.34 feet on the 23rd. Flood stage there is 37 feet. This resulted in minor flooding of bottomland fields and woodlands. Four county roads and three state roads were closed due to backwater.

Minor flooding occurred along a stretch of the Ohio River. The flooding was due to several smaller rounds of rainfall during the first week of January, followed by a heavy rain event around mid-month.

MCCRACKEN COUNTY

LONE OAK	01/14/07 00:15 CST	0	0	Flash Flood (due to Heavy Rain)
PADUCAH	01/14/07 04:45 CST	0	0	37.03N, 88.67W ~ 37.08N, 88.63W

Nine inches of water was flowing over a secondary rural road. A state-maintained road was closed due to flooding. A few other roads were partially covered by water. Island Creek flooded a side road in Paducah.

BALLARD COUNTY

2 E BLANDVILLE	01/14/07 00:50 CST	0	0	Flash Flood (due to Heavy Rain)
	01/14/07 04:40 CST	0	0	36.95N, 88.9138W

Flooding was observed along Bethlehem Church Road.

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GRAVES COUNTY				
MAYFIELD	01/14/07 00:50 CST	0	0	Flash Flood (due to Heavy Rain)
	01/14/07 04:45 CST	0	0	36.73N, 88.63W
Water was reported over Kentucky Highway 80 near a railroad trestle.				
FULTON COUNTY				
2 W HICKMAN	01/14/07 01:40 CST	0	0	Flash Flood (due to Heavy Rain)
	01/14/07 03:40 CST	0	0	36.57N, 89.216W
Kentucky Highway 94 was closed by flooding.				
CARLISLE COUNTY				
1 W ARLINGTON	01/14/07 01:56 CST	0	0	Flash Flood (due to Heavy Rain)
2 W ARLINGTON	01/14/07 04:40 CST	0	0	36.78N, 89.0381W ~ 36.78N, 89.0561W
Several roads were covered with water, including portions of U.S. Highway 62 and Kentucky 120. Kentucky Highway 80 was flooded west of Arlington.				
HICKMAN COUNTY				
COLUMBUS	01/14/07 02:00 CST	0	0	Flash Flood (due to Heavy Rain)
BEELERTON	01/14/07 04:45 CST	0	0	36.77N, 89.1W ~ 36.6N, 88.87W
Part of Kentucky 307 near the intersection of Kentucky 1529 was washed out. Kentucky 123 was closed at the 14 and 16 mile markers. Water was over Kentucky Highway 80 near Columbus.				
<p>A slow-moving upper level trough approached the region by the 12th and did not pass east of the region until the 16th. Lots of warm and moist air was pulled north. At the surface, a cold front approached and only slowly moved east of the Mississippi River between the 13th and 14th. Numerous rounds of showers produced scattered flash flooding. Most counties reported a lot of standing water with many road closures. During a roughly 5 to 6 day timeframe, widespread rainfall totals of 2 to 4 inches were reported. Isolated amounts from 4 to 6 inches occurred.</p>				
HENDERSON COUNTY				
HENDERSON	01/15/07 08:00 CST	0	0	Heavy Rain
	01/15/07 15:00 CST	0	0	37.83N, 87.58W
Standing water covered a flood-prone neighborhood. The water did not rise high enough to affect structures. At least one vehicle stalled in the floodwater and needed to be pushed out.				
LIVINGSTON COUNTY				
LOLA	01/15/07 08:00 CST	0	0	Heavy Rain
JOY	01/15/07 15:00 CST	0	0	37.32N, 88.3W ~ 37.35N, 88.38W
Scattered low-lying areas were flooded, mainly farm fields along creeks.				
MARSHALL COUNTY				
1 NE BENTON	01/15/07 08:00 CST	0	0	Heavy Rain
	01/15/07 15:00 CST	0	0	36.8802N, 88.3372W
Kentucky 1462 was flooded due to high water along the Clarks River.				
TRIGG COUNTY				
BUFFALO	01/15/07 08:00 CST	0	0	Heavy Rain
	01/15/07 15:00 CST	0	0	36.93N, 87.67W
A portion of Kentucky 128 was flooded.				
Heavy rain from a slow-moving low pressure system caused some minor water problems in western Kentucky.				
MUHLENBERG COUNTY				
PARADISE	01/16/07 14:00 CST	0	0	Flood (due to Heavy Rain)
	01/18/07 19:00 CST	0	0	37.27N, 86.98W

At the Paradise power plant, where flood stage is 380 feet, the Green River crested at 380.43 feet on the 16th. This resulted in minor flooding of bottomland fields and woodlands.

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Another rainfall event sent the Green River above flood stage at mid-month.

MUHLENBERG COUNTY

PARADISE	01/21/07 12:00 CST	0	0	Flood (due to Heavy Rain)
	01/25/07 22:00 CST	0	0	37.27N, 86.98W

At the Paradise power plant, where flood stage is 380 feet, the Green River crested at 381.77 feet on the 23rd. This resulted in minor flooding of bottomland fields and woodlands.

A heavy rainfall event drove the Green River above flood stage for the third time this month. Rainfall amounts over a four-day period averaged from 2 to 3 inches in the river basin.

MISSOURI, Southeast

RIPLEY COUNTY

DONIPHAN	01/13/07 17:30 CST	0	0	Flash Flood (due to Heavy Rain)
NAYLOR	01/14/07 03:00 CST	0	0	36.62N, 90.82W ~ 36.58N, 90.6W

Several secondary roads were flooded, mainly throughout the eastern portion of the county. Creeks were out of their banks and spreading across secondary roads in southeast Ripley County.

BUTLER COUNTY

HARVIELL	01/13/07 20:30 CST	0	0	Flash Flood (due to Heavy Rain)
NEELYVILLE	01/14/07 03:00 CST	0	0	36.67N, 90.47W ~ 36.57N, 90.5W

Flooding of creeks and roads occurred. Water was flowing across Missouri Highways 158 and 142 near Harviell and Neelyville. Both highways were closed. Water was reported over several secondary roads in the southern half of the county. Cane Creek overflowed west of Poplar Bluff, and the Little Black River and Pike Creek overflowed their banks.

STODDARD COUNTY

DEXTER	01/13/07 20:30 CST	0	0	Flash Flood (due to Heavy Rain)
CIRCLE CITY	01/14/07 03:00 CST	0	0	36.8N, 89.95W ~ 36.87N, 89.8W

Most secondary roads had 2 to 3 inches of standing water. Some gravel roads had as much as one foot of standing water. High water signs were posted on some roads. Most of the flooded roads were in the southern half of the county.

NEW MADRID COUNTY

NEW MADRID	01/14/07 00:33 CST	0	0	Flash Flood (due to Heavy Rain)
	01/14/07 03:30 CST	0	0	36.6N, 89.53W

Street flooding was reported in the city.

MISSISSIPPI COUNTY

EAST PRAIRIE	01/14/07 00:35 CST	0	50K	Flash Flood (due to Heavy Rain)
3 E CHARLESTON	01/14/07 03:30 CST	0	0	36.78N, 89.38W ~ 36.92N, 89.2758W

Extensive flooding occurred in East Prairie. Over 5 inches of rain was measured at the city's water treatment plant over a four-day period. Several streets were flooded badly. Subdivisions around the outskirts of town were flooded, including some that flood very rarely. Water was over portions of U.S. Highway 60/62 east of Charleston.

RIPLEY COUNTY

DONIPHAN	01/14/07 21:00 CST	0	0	Flash Flood (due to Heavy Rain)
	01/15/07 01:30 CST	0	0	36.62N, 90.82W

Water was over several streets in the city.

WAYNE COUNTY

WAPPAPELLO	01/14/07 21:00 CST	0	0	Flash Flood (due to Heavy Rain)
	01/15/07 01:30 CST	0	0	36.93N, 90.28W

Water was reported over a road near Wappapello Dam.

A slow-moving upper level trough approached the region by the 12th and did not pass east of the region until the 16th. Lots of warm and moist air was pulled north. At the surface, a cold front approached and only slowly moved east of the Mississippi River between the

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13th and 14th. Numerous rounds of showers produced scattered flash flooding. Most counties reported a lot of standing water with many road closures. During a roughly 5 to 6 day timeframe, widespread rainfall totals of 2 to 4 inches were reported. Isolated amounts from 4 to 6 inches occurred.

WAYNE COUNTY

PATTERSON	01/16/07 00:00 CST	0	0	Flood (due to Heavy Rain)
	01/16/07 22:00 CST	0	0	37.18N, 90.57W

At Patterson, where flood stage is 16 feet, the St. Francis River crested at 16.20 feet. This resulted in minor flooding of low-lying fields and woods near the river.

The St. Francis River rose above flood stage during a heavy rain event around mid-month. The ground was already wet due to abundant rainfall in December and early January.

PERRY (MO-Z076), BOLLINGER (MO-Z086), CAPE GIRARDEAU (MO-Z087), WAYNE (MO-Z100), CARTER (MO-Z107), RIPLEY (MO-Z108), BUTLER (MO-Z109)

	01/31/07 21:00 CST	0	0	Winter Weather
	01/31/07 23:59 CST	0	0	

The first measurable snow of the season occurred across parts of southeast Missouri. The snow amounted to about an inch. A southerly flow of warmer air aloft was the primary cause of the precipitation. Snowfall amounts were up to 1.5 inches at Doniphan in Ripley County. Elsewhere, one inch was reported at Poplar Bluff, Van Buren, Cape Girardeau, Perryville, and Wappapello. Roads became slick and hazardous, especially secondary roads.