

Storm Data and Unusual Weather Phenomena - December 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths & Injuries</u>	<u>Property & Crop Dmg</u>	<u>Event Type and Details</u>
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ILLINOIS, South

EDWARDS (IL-Z077), WABASH (IL-Z078), WHITE (IL-Z083), JACKSON (IL-Z084), 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)

12/01/06 03:00 CST	0	14K	Strong Wind (MAX 43 kt)
12/01/06 09:00 CST	0	0	

A deepening low pressure system moved north across the Lower Ohio Valley. In the wake of the low, strong and gusty winds occurred. At airports near Cairo, Carbondale, Metropolis, and Harrisburg, highest sustained wind speeds were around 30 MPH, with peak wind gusts around 40 MPH. Winds were even higher in the Lower Wabash Valley, where peak wind gusts to 49 MPH were measured at Mount Carmel.

WABASH COUNTY

MT CARMEL	12/04/06 23:30 CST	0	0	Flood (due to Heavy Rain)
	12/13/06 12:00 CST	0	0	38.42N, 87.77W

Minor flooding occurred along the Wabash River. At Mount Carmel, where flood stage is 19 feet, the river crested at 21.75 feet on the 10th. This resulted in minor flooding of bottomland woods and fields. Several local river roads flooded. Oil field production ceased with the exception of pumping units on substructures, which were accessible only by boat. Many river cabins were inaccessible.

WHITE COUNTY

MAUNIE	12/07/06 05:00 CST	0	0	Flood (due to Heavy Rain)
	12/14/06 09:00 CST	0	0	38.03N, 88.05W

Minor flooding of the Wabash River occurred. At New Harmony, Indiana, where flood stage is 15 feet, the river crested at 16.11 feet on the 12th. This resulted in minor flooding of low-lying fields and woods on the Illinois side.

Heavy rainfall caused the Wabash River to go above flood stage.

WABASH COUNTY

MT CARMEL	12/25/06 16:00 CST	0	0	Flood (due to Heavy Rain / Snow Melt)
	12/31/06 23:59 CST	0	0	38.42N, 87.77W

At Mount Carmel, where flood stage is 19 feet, the river rose to 21.95 feet by the end of the month, and it was still rising. This resulted in minor flooding of low-lying fields and woods. Several local river roads flooded. Oil field production ceased with the exception of pumping units on substructures, which were accessible only by boat. Many river cabins were inaccessible.

WHITE COUNTY

MAUNIE	12/27/06 16:00 CST	0	0	Flood (due to Heavy Rain / Snow Melt)
	12/31/06 23:59 CST	0	0	38.03N, 88.05W

At New Harmony, Indiana, where flood stage is 15 feet, the river rose to 16.4 feet by the end of the month and was still rising. This resulted in minor flooding of low-lying fields and woods on the Illinois side.

The Wabash River rose above flood stage in response to heavy rainfall late in the month, combined with snowmelt in upper reaches of the basin.

INDIANA, Southwest

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

12/01/06 03:00 CST	0	14K	Strong Wind (MAX 45 kt)
12/01/06 09:00 CST	0	0	

A deepening low pressure system moved north across the Lower Ohio Valley. Strong and gusty winds occurred in the wake of the low. Scattered trees and limbs were blown down across Posey, Vanderburgh, and Warrick Counties. There were scattered power outages, which affected such places as Wadesville and the east side of Evansville. A local utility company reported 2,500 customers were without power at one point. Peak wind gusts were measured to 45 MPH in downtown Evansville and 52 MPH in Newburgh. At the Evansville airport, the highest sustained wind was 39 MPH, and the peak wind gust was 48 MPH.

PIKE COUNTY

PETERSBURG	12/01/06 23:45 EST	0	0	Flood (due to Heavy Rain)
	12/17/06 22:00 EST	0	0	38.5N, 87.28W

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were flooded, affecting a few residents in an area known as Dodge City. State Road 257 began to flood. Private levees were overtopped. The flooding inundated low oil fields and closed a few local county roads. Agricultural land was flooded, but cropland was dormant at this time of year.

GIBSON COUNTY

HAZLETON	12/03/06 06:00 CST	0	0	Flood (due to Heavy Rain)
	12/18/06 00:00 CST	0	0	38.48N, 87.53W

Minor flooding occurred on the White River. At Hazleton, where flood stage is 16 feet, the river crested near 22 feet on the 10th. There was extensive flooding of low bottomlands. High water surrounded residents in river cabins. Oil fields and local roads flooded.

Heavy rainfall caused minor flooding of the White River.

GIBSON COUNTY

EAST MT CARMEL	12/04/06 23:30 CST	0	0	Flood (due to Heavy Rain)
	12/13/06 08:00 CST	0	0	38.4N, 87.73W

Minor flooding of the Wabash River occurred. At Mount Carmel, IL, where flood stage is 19 feet, the river crested at 21.75 feet on the 10th. This resulted in minor flooding of low-lying fields and woods on the Indiana side. Several local river roads flooded. Oil field production ceased with the exception of pumping units on substructures, which were accessible only by boat. Many river cabins were inaccessible.

POSEY COUNTY

NEW HARMONY	12/07/06 12:00 CST	0	0	Flood (due to Heavy Rain)
	12/14/06 08:00 CST	0	0	38.13N, 87.93W

Minor flooding of low-lying woods and fields occurred along the Wabash River. At New Harmony, where flood stage is 15 feet, the river crested at 16.11 feet on the 12th.

Heavy rainfall caused minor flooding of the Wabash River.

PIKE COUNTY

PETERSBURG	12/23/06 11:00 EST	0	0	Flood (due to Heavy Rain)
	12/31/06 23:59 EST	0	0	38.5N, 87.28W

Minor flooding of the White River occurred. At Petersburg, where flood stage is 16 feet, the river crested at 20.69 feet on the 29th. Higher bottomlands were flooded, affecting a few residents in an area known as Dodge City. State Road 257 began to flood. Private levees were overtopped. The flooding inundated low oil fields and closed a few local county roads. Agricultural land was flooded, but cropland was dormant at this time of year.

GIBSON COUNTY

HAZLETON	12/25/06 04:00 CST	0	0	Flood (due to Heavy Rain)
	12/31/06 23:59 CST	0	0	38.48N, 87.53W

Minor flooding of the White River occurred. At Hazleton, where flood stage is 16 feet, the river rose to 20.4 feet by the end of the month. There was extensive flooding of low bottomlands. High water surrounded residents in river cabins. Oil fields and local roads flooded.

Heavy rain again forced the White River out of its banks in December.

GIBSON COUNTY

EAST MT CARMEL	12/25/06 16:00 CST	0	0	Flood (due to Heavy Rain / Snow Melt)
	12/31/06 23:59 CST	0	0	38.4N, 87.73W

At Mount Carmel, IL, where flood stage is 19 feet, the river rose to 21.95 feet by the end of the month, and it was still rising. This resulted in minor flooding of low-lying fields and woods on the Indiana side. Several local river roads flooded. Oil field production ceased with the exception of pumping units on substructures, which were accessible only by boat. Many river cabins were inaccessible.

POSEY COUNTY

NEW HARMONY	12/27/06 09:00 CST	0	0	Flood (due to Heavy Rain / Snow Melt)
	12/31/06 23:59 CST	0	0	38.13N, 87.93W

At New Harmony, where flood stage is 15 feet, the river rose to 16.4 feet by the end of the month and was still rising. This resulted in minor flooding of low-lying fields and woods.

The Wabash River rose above flood stage in response to heavy rainfall combined with snowmelt in upper reaches of the basin.

KENTUCKY, Southwest

MARSHALL COUNTY

Storm Data and Unusual Weather Phenomena - December 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths & Injuries</u>	<u>Property & Crop Dmg</u>	<u>Event Type and Details</u>
BENTON	12/01/06 00:00 CST	0	0	Heavy Rain
	12/01/06 01:00 CST	0	0	36.87N, 88.35W

Heavy rainfall occurred in association with a strong low pressure system that strengthened as it tracked north across the Lower Ohio Valley. Pooling of water occurred on roadways, with some minor low-lying flooding in places such as Benton.

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)

12/01/06 03:00 CST	0	31K	Strong Wind (MAX 49 kt)
12/01/06 09:00 CST	0	0	

A deepening low pressure system moved north across the Lower Ohio Valley. Strong and gusty winds occurred in the wake of this low. Wind gusts were clocked as high as 56 MPH by an off-duty meteorologist in Calvert City in northern Marshall County. A wind gust to 52 MPH was measured at the Henderson airport. Sustained wind speeds up to 39 MPH were measured at Barkley Regional Airport in Paducah. There were some trees and power lines down, including a few trees in the Paducah area. Scattered power outages occurred, such as east of Canton in Trigg County. A number of trees were down in southern Caldwell County. A large tree was blown down across a residence in Hopkinsville. In Murray, a large tree fell across Main Street in front of Murray State University, blocking the road for several hours.

MISSOURI, Southeast

CAPE GIRARDEAU (MO-Z087), SCOTT (MO-Z111), MISSISSIPPI (MO-Z112), NEW MADRID (MO-Z114)

12/01/06 03:00 CST	0	4K	Strong Wind (MAX 28 kt)
12/01/06 09:00 CST	0	0	

A deepening low pressure system moved north across the Lower Ohio Valley. Strong and gusty winds occurred in the wake of this low. Sustained wind speeds were measured at 32 MPH at the Cape Girardeau airport. Gusts were near 40 MPH.

WAYNE COUNTY

PATTERSON	12/01/06 09:00 CST	0	0	Flood (due to Heavy Rain)
	12/02/06 22:00 CST	0	0	37.18N, 90.57W

RIPLEY COUNTY

DONIPHAN	12/03/06 00:00 CST	0	0	Flood (due to Heavy Rain)
	12/03/06 05:00 CST	0	0	36.62N, 90.82W

Heavy rainfall at the end of November caused minor flooding to occur on the Current and St. Francis Rivers. The Current River crested at 13.15 feet at Doniphan, just above the 13-foot flood stage. The St. Francis River crested at 19.86 feet at Patterson, almost four feet over the flood stage of 16 feet. Minor flooding affected bottomland and surrounding low-lying areas.