

## Storm Data and Unusual Weather Phenomena - April 2016

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

**(IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z083) WHITE**

04/02/16 13:00 CST			4K	Strong Wind (MAX 42 kt)
04/02/16 17:00 CST			0	

A deepening low pressure system over the Great Lakes region was responsible for strong and gusty west winds. The strongest wind gusts were east of Interstate 57, mainly in the Wabash Valley region. The peak gust measured at the Carmi airport in White County was 48 mph. A wind gust to 46 mph was measured at the Mount Carmel airport, which is located north of Mount Carmel.

**(IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z083) WHITE**

04/06/16 13:00 CST			3K	Strong Wind (MAX 42 kt)
04/06/16 16:00 CST			0	

**(IL-Z082) HAMILTON**

04/06/16 13:00 CST		1	40K	High Wind (MAX 65 kt)
04/06/16 16:00 CST			0	

Direct Fatalities: M55VE

**SALINE COUNTY --- 0.5 SSE HARRISBURG [37.72, -88.55]**

04/06/16 14:30 CST			15K	Thunderstorm Wind (EG 61 kt)
04/06/16 14:30 CST			0	Source: Law Enforcement

A large tree fell on power lines on the south side of town, bringing down a couple of power poles.

**GALLATIN COUNTY --- RIDGWAY [37.78, -88.27]**

04/06/16 14:34 CST			3K	Thunderstorm Wind (EG 52 kt)
04/06/16 14:34 CST			0	Source: Law Enforcement

Power lines were blown down.

Strong to locally damaging winds occurred ahead of a cold front. At the surface, low pressure was centered over northeast Illinois, with a cold front arching across the middle Mississippi Valley. East of the Marion to Mount Vernon corridor, strong south wind gusts from 50 to 60 mph were quite common due to the strong pressure gradient ahead of the front. In Hamilton County northeast of Mcleansboro, one fatality was blamed on high winds that brought a large power transmission pole down on a passing pickup truck. The 55-year-old driver was killed when the pole crushed the truck cab. Several other large power poles were down at that site. The highest measured non-convective wind gust was 48 mph at the Carmi airport in White County. A line of showers and isolated thunderstorms produced a couple convective gusts in Saline and Gallatin Counties that damaged a few trees and power lines.

**WABASH COUNTY --- 1.4 E MT CARMEL [38.42, -87.74], 1.9 NE MT CARMEL [38.44, -87.74], 2.0 NE MT CARMEL [38.44, -87.75], 1.1 E MT CARMEL [38.42, -87.75]**

04/14/16 13:00 CST			3K	Flood (due to Heavy Rain)
04/18/16 08:00 CST			0	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. All oil field production ceased with the exception of pumping units on substructures. Access to these was by boat only. Bottomland woods and fields were underwater.

**WHITE COUNTY --- MAUNIE [38.03, -88.05], 1.3 NNE RISING SUN [38.02, -88.02], 2.2 E MAUNIE [38.03, -88.01], 0.6 ENE MAUNIE [38.03, -88.04]**

04/15/16 02:00 CST			0	Flood (due to Heavy Rain)
04/18/16 18:00 CST			0	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. Low-lying fields and woodlands near the river were inundated.

Minor flooding occurred along the Wabash River. Significant rains did not fall in central and southern Indiana until the 10th and 11th. Rains of 1 to slightly more than 2 inches caused lowland river flooding in the Wabash Valley about mid-month.

**WAYNE COUNTY --- 2.0 E FAIRFIELD [38.38, -88.33]**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/21/16 18:21 CST		0	Hail (0.75 in)
	04/21/16 18:21 CST		0	Source: Trained Spotter

A broken line of thunderstorms developed along a cold front that trailed southwest across southern Illinois from a low pressure center over the Great Lakes region. Some of the storms produced hail up to the size of dimes.

(IL-Z075) JEFFERSON, (IL-Z076) WAYNE, (IL-Z077) EDWARDS, (IL-Z078) WABASH, (IL-Z080) PERRY, (IL-Z081) FRANKLIN, (IL-Z082) HAMILTON, (IL-Z083) WHITE, (IL-Z084) JACKSON, (IL-Z085) WILLIAMSON, (IL-Z086) SALINE, (IL-Z087) GALLATIN, (IL-Z088) UNION, (IL-Z089) JOHNSON, (IL-Z090) POPE, (IL-Z091) HARDIN, (IL-Z092) ALEXANDER, (IL-Z093) PULASKI, (IL-Z094) MASSAC				
	04/24/16 02:00 CST		0	Dense Fog
	04/24/16 07:00 CST		0	

Widespread dense fog blanketed southern Illinois during the early morning hours. Visibility was reduced to one-quarter mile or less. The dense fog occurred on the western periphery of a surface high pressure ridge that extended from the Upper Ohio Valley southward across the southern Appalachian Mountains.

### PERRY COUNTY --- 1.8 NW RICE [38.21, -89.41]

	04/26/16 14:31 CST		2K	Thunderstorm Wind (EG 52 kt)
	04/26/16 14:31 CST		0	Source: Emergency Manager

Power lines were blown down on the county line.

### PERRY COUNTY --- SUNFIELD [38.07, -89.23]

	04/26/16 14:51 CST		0	Hail (1.00 in)
	04/26/16 14:55 CST		0	Source: Trained Spotter

Quarter-size hail was reported near the intersection of U.S. Highway 51 and Illinois 154 by a sheriff deputy and a trained spotter.

### JEFFERSON COUNTY --- DIX [38.43, -88.93]

	04/26/16 15:00 CST		4K	Thunderstorm Wind (EG 52 kt)
	04/26/16 15:00 CST		0	Source: Law Enforcement

Trees were blown down.

### HAMILTON COUNTY --- 2.0 NE BELL PRAIRIE CITY [38.24, -88.54], BELL PRAIRIE CITY [38.22, -88.57]

	04/26/16 15:02 CST		0	Hail (1.00 in)
	04/26/16 15:08 CST		0	Source: Trained Spotter

Nickel to quarter-size hail fell in the Belle Prairie City area.

### FRANKLIN COUNTY --- 2.0 S WEST FRANKFORT [37.87, -88.92]

	04/26/16 15:30 CST		0	Hail (1.00 in)
	04/26/16 15:30 CST		0	Source: Public

### POPE COUNTY --- 2.0 N DIXON SPGS [37.41, -88.68]

	04/26/16 15:37 CST		0	Hail (1.00 in)
	04/26/16 15:37 CST		0	Source: Trained Spotter

### WAYNE COUNTY --- 2.0 S FAIRFIELD [38.35, -88.37], FAIRFIELD [38.38, -88.37]

	04/26/16 15:40 CST		10K	Thunderstorm Wind (EG 56 kt)
	04/26/16 15:40 CST		0	Source: Law Enforcement

Trees were blown down in Fairfield. Falling trees brought down power lines on U.S. Highway 45 just south of town.

### JOHNSON COUNTY --- VIENNA [37.42, -88.90]

	04/26/16 15:45 CST		0	Hail (1.00 in)
	04/26/16 15:45 CST		0	Source: Public

### HAMILTON COUNTY --- 1.5 N MC LEANSBORO [38.12, -88.53]

	04/26/16 15:50 CST		2K	Thunderstorm Wind (EG 52 kt)
	04/26/16 15:50 CST		0	Source: Law Enforcement

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Tree limbs were blown down on State Route 242.

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### SALINE COUNTY --- 1.7 SSE HARRISBURG [37.71, -88.54]

04/26/16 15:55 CST	0	Hail (3.00 in)
04/26/16 15:55 CST	0	Source: Public

Hail slightly larger than baseball size was reported just south of Harrisburg in the Pankeyville community. The hailstones were reported to be three inches in diameter, or about the size of a tea cup.

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### PULASKI COUNTY --- ULLIN [37.27, -89.18]

04/26/16 16:13 CST	0	Hail (0.88 in)
04/26/16 16:13 CST	0	Source: Fire Department/Rescue

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### MASSAC COUNTY --- 2.0 N ROUND KNOB [37.28, -88.75]

04/26/16 16:17 CST	0	Hail (1.00 in)
04/26/16 16:17 CST	0	Source: Trained Spotter

A well-developed squall line with embedded bowing structures moved east-southeast at 45 knots into a destabilizing air mass over the Mississippi River Valley. The line was located to the south of a quasi-stationary front in a moist air mass, with surface dew points in the mid to upper 60's. Surface temperatures in the lower 80's contributed to moderate instability, which helped to maintain the line of storms into the early evening. Damaging winds and marginally severe hail accompanied the strongest storms.

## INDIANA, Southwest

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

04/02/16 13:00 CST	6K	Strong Wind (MAX 41 kt)
04/02/16 17:00 CST	0	

A deepening low pressure system over the Great Lakes region was responsible for strong and gusty west winds. The peak gust measured at the Evansville airport was 47 mph. A wind gust to 47 mph was also measured at Oakland City in Gibson County.

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### (IN-Z081) GIBSON

04/06/16 13:00 CST	3K	High Wind (MAX 52 kt)
04/06/16 15:00 CST	0	

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### (IN-Z082) PIKE, (IN-Z087) WARRICK, (IN-Z088) SPENCER

04/06/16 14:00 CST	3K	Strong Wind (MAX 40 kt)
04/06/16 18:00 CST	0	

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### POSEY COUNTY --- 2.0 SE NEW HARMONY [38.11, -87.90]

04/06/16 14:55 CST	2K	Thunderstorm Wind (EG 52 kt)
04/06/16 14:55 CST	0	Source: Public

Large tree limbs were blown down.

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### GIBSON COUNTY --- 3.0 W OWENSVILLE [38.27, -87.74]

04/06/16 15:12 CST	15K	Thunderstorm Wind (EG 52 kt)
04/06/16 15:12 CST	0	Source: Broadcast Media

A large tree fell on a power line. The tree also blocked County Road 550 South. In addition, the tree caused a gas leak, forcing the evacuation of residents in the area.

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### VANDERBURGH COUNTY --- EVANSVILLE [37.98, -87.55]

04/06/16 15:15 CST	2K	Thunderstorm Wind (EG 52 kt)
04/06/16 15:15 CST	0	Source: Trained Spotter

A trained spotter estimated wind gusts near 60 mph. A power line was blown down.

Strong to locally damaging winds occurred ahead of a cold front. At the surface, low pressure was centered over northeast Illinois, with a cold front arching across the middle Mississippi Valley. Strong south wind gusts from 50 to 60 mph were quite common due to the

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strong pressure gradient ahead of the front. On the southern border of Gibson County, high winds blew over a semi on Interstate 64. Along and west of U.S. Highway 41, including Evansville, a line of showers and isolated thunderstorms produced a few convective gusts that brought down a few trees and power lines.

**GIBSON COUNTY --- 1.7 NNE HAZLETON [38.50, -87.52], 1.2 NNW HAZLETON [38.50, -87.54], HAZLETON [38.48, -87.53], 1.2 ENE HAZLETON [38.49, -87.51], 1.3 WSW GIRO [38.49, -87.49]**

04/13/16 08:00 CST		3K	Flood (due to Heavy Rain)
04/20/16 08:00 CST		0	Source: River/Stream Gage

Minor flooding occurred along the White River. Floodwaters covered the Hazleton softball field. One or two lightly travelled roads were underwater and impassable. Many low-lying fields were inundated. Low-lying oil fields were flooded. High water isolated some river cabins.

**PIKE COUNTY --- PETERSBURG [38.50, -87.28], 1.5 WNW PETERSBURG [38.51, -87.30], 1.2 N PETERSBURG [38.52, -87.28], 4.0 NE PETERSBURG [38.54, -87.23], 4.1 NE PETERSBURG [38.54, -87.22]**

04/13/16 11:00 EST		4K	Flood (due to Heavy Rain)
04/19/16 15:00 EST		0	Source: River/Stream Gage

Minor flooding occurred along the White River. Bottomland woods and fields were flooded. Many of the following county roads were flooded. East of State Route 57, these roads included CR 750N, CR 600N, and CR 1000E. West of State Route 57, these roads included CR 250W, CR 400W, CR 675N, CR 700N, CR 1000W, CR 900W, CR 700W and CR 775W. Low oil fields were flooded.

**GIBSON COUNTY --- EAST MT CARMEL [38.40, -87.73], 1.1 N EAST MT CARMEL [38.42, -87.73], 1.1 NW EAST MT CARMEL [38.41, -87.74], 2.2 WSW EAST MT CARMEL [38.39, -87.77]**

04/14/16 08:00 CST		3K	Flood (due to Heavy Rain)
04/18/16 13:00 CST		0	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. All oil field production ceased with the exception of pumping units on substructures. Access to these was by boat only. Bottomland woods and fields were underwater.

**POSEY COUNTY --- NEW HARMONY [38.13, -87.93], 0.5 NNW NEW HARMONY [38.14, -87.93], 1.7 N NEW HARMONY [38.16, -87.93], 1.8 NNE NEW HARMONY [38.15, -87.92]**

04/15/16 02:00 CST		0	Flood (due to Heavy Rain)
04/18/16 19:00 CST		0	Source: River/Stream Gage

Minor flooding occurred along the Wabash River. Low-lying fields and woodlands near the river were inundated.

Minor flooding occurred along the Wabash and White Rivers. Significant rains did not fall in central and southern Indiana until the 10th and 11th. Rains of 1 to slightly more than 2 inches caused lowland river flooding in the Wabash and White River basins about mid-month.

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

04/24/16 02:00 CST		0	Dense Fog
04/24/16 07:00 CST		0	

Widespread dense fog blanketed southwest Indiana during the early morning hours. Visibility was reduced to one-quarter mile or less. The dense fog occurred on the western periphery of a surface high pressure ridge that extended from the Upper Ohio Valley southward across the southern Appalachian Mountains.

**PIKE COUNTY --- 5.0 SW PETERSBURG [38.45, -87.35]**

04/26/16 15:31 EST		0	Hail (1.00 in)
04/26/16 15:31 EST		0	Source: Trained Spotter

**POSEY COUNTY --- 5.0 SE NEW HARMONY [38.08, -87.86]**

04/26/16 15:50 CST		8K	Thunderstorm Wind (EG 56 kt)
04/26/16 15:50 CST		0	Source: Emergency Manager

Trees and power lines were blown down.

**GIBSON COUNTY --- OWENSVILLE [38.27, -87.68], 3.0 N OWENSVILLE [38.31, -87.68]**

04/26/16 15:56 CST		0	Hail (0.75 in)
04/26/16 15:56 CST		0	Source: Trained Spotter

**VANDERBURGH COUNTY --- 2.0 N EVANSVILLE [38.01, -87.55]**

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	04/26/16 16:05 CST		0	Hail (1.00 in)
	04/26/16 16:05 CST		0	Source: Public
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<b>GIBSON COUNTY --- PRINCETON [38.35, -87.57]</b>				
	04/26/16 16:13 CST		0	Hail (0.75 in)
	04/26/16 16:13 CST		0	Source: Trained Spotter
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<b>GIBSON COUNTY --- HAUBSTADT [38.20, -87.57]</b>				
	04/26/16 16:15 CST		3K	Thunderstorm Wind (EG 70 kt)
	04/26/16 16:15 CST		0	Source: Law Enforcement
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A tree was across the road at the intersection of U.S. Highway 41 and State Route 68. A grain bin was destroyed.				
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<b>VANDERBURGH COUNTY --- EVANSVILLE [37.98, -87.55]</b>				
	04/26/16 16:17 CST		30K	Lightning
	04/26/16 16:17 CST		0	Source: Law Enforcement
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Two residential structure fires were suspected to be lightning-caused.				
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<b>VANDERBURGH COUNTY --- 1.2 NNW KASSON [38.03, -87.64], 2.0 ENE EVANSVILLE [37.99, -87.52]</b>				
	04/26/16 16:38 CST		0.25M	Tornado (EF1, L: 7.47 mi , W: 250 yd)
	04/26/16 16:48 CST		0	Source: NWS Storm Survey
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This tornado tracked across the northern parts of the city of Evansville, following a track along or just north of Indiana Route 66. Dozens of trees were uprooted or broken. At least eight buildings were damaged on Indiana Route 66 due to fallen electric transmission poles and lines. At least one building had part of its metal roofing peeled up at Skylane Airport, and minor damage occurred to some homes and fences. Seven power poles were snapped. Straight-line wind damage also occurred, mainly south of the tornado track, where several trees were uprooted and tree limbs broken. Several eyewitnesses observed or photographed the tornado, mainly along the northwest section of its track. Peak winds were estimated near 100 mph.				
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<b>VANDERBURGH COUNTY --- 1.3 WNW HOWELL [37.98, -87.65], 4.0 SE EVANSVILLE [37.94, -87.50]</b>				
	04/26/16 16:42 CST		6K	Thunderstorm Wind (EG 56 kt)
	04/26/16 16:57 CST		0	Source: Trained Spotter
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A swath of damaging wind gusts up to 65 mph occurred across the city of Evansville on the south side of the tornado track. Several trees were uprooted, and large tree limbs were broken.				
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<b>VANDERBURGH COUNTY --- 1.1 WNW EVANSVILLE [37.99, -87.57], 1.0 WSW EVANSVILLE [37.98, -87.57], 0.6 SW EVANSVILLE [37.97, -87.56], 0.7 NW EVANSVILLE [37.99, -87.56]</b>				
	04/26/16 17:20 CST		0	Flood (due to Heavy Rain)
	04/26/16 18:30 CST		0	Source: Unknown
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Street flooding was reported on a flood-prone city street.				
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<b>A well-developed squall line with embedded bowing structures moved east-southeast at 45 knots into a destabilizing air mass over the Lower Ohio Valley. The line was located to the south of a quasi-stationary front in a moist air mass, with surface dew points in the mid to upper 60's. Surface temperatures in the lower 80's contributed to moderate instability, which helped to maintain the line of storms into the early evening. Damaging winds, marginally severe hail, and even a tornado accompanied the strongest storms.</b>				
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<b>VANDERBURGH COUNTY --- 0.5 E EVANSVILLE [37.98, -87.54], 0.9 SSE HARWOOD [37.99, -87.57], 1.4 WSW EVANSVILLE [37.97, -87.57], 0.8 SE EVANSVILLE [37.97, -87.54]</b>				
	04/27/16 16:58 CST		10K	Flash Flood (due to Heavy Rain)
	04/27/16 19:00 CST		0	Source: Broadcast Media
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Flash flooding was reported along and near the Lloyd Expressway. There were a few water rescues due to vehicles becoming stranded in high water. Two feet of standing water was over the road near Deaconess Hospital. The public reported 1.5 inches of rain fell in one hour, bringing the 24-hour total to 2.9 inches.				
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<b>Large clusters of thunderstorms developed northeastward across western Kentucky into southwest Indiana as the lower atmosphere warmed and moistened during the afternoon hours. A tongue of low-level moisture extended from northern Mississippi northward across far western Kentucky. Thunderstorms within the moist corridor were aided by large-scale ascent associated with an upper-level trough over the Lower Mississippi Valley. These storms produced heavy rain and localized flash flooding in urban areas.</b>				

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### KENTUCKY, Southwest

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**(KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN**

04/02/16 13:00 CST			3K	Strong Wind (MAX 42 kt)
04/02/16 17:00 CST			0	

A deepening low pressure system over the Great Lakes region was responsible for strong and gusty west winds. The strongest winds were over northwest Kentucky, mainly north and northeast of the Madisonville area. The peak gust measured at the Henderson airport was 48 mph. The Owensboro airport measured a peak gust of 47 mph. The Kentucky mesonet site several miles northwest of Calhoun in Mclean County measured a gust to 47 mph.

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**(KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD**

04/06/16 14:00 CST			15K	Strong Wind (MAX 49 kt)
04/06/16 18:00 CST			0	

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**CALLOWAY COUNTY --- 3.0 S MURRAY [36.58, -88.32], 1.0 NE NEW CONCORD [36.56, -88.14]**

04/06/16 15:20 CST			35K	Thunderstorm Wind (EG 56 kt)
04/06/16 15:25 CST			0	Source: NWS Storm Survey

Just south of Murray along U.S. Highway 641, a large tree was uprooted and two telephone poles were down. Just north of New Providence, two open barns were destroyed. Southeast of Murray, several trees were damaged or blown down, and a tin roof was blown off a house. Just northeast of New Concord, a tree fell on power lines, starting a small fire.

Strong to locally damaging winds occurred ahead of a cold front. At the surface, low pressure was centered over northeast Illinois, with a cold front arching across the middle Mississippi Valley. East of the Kentucky Lake region, strong south wind gusts from 45 to 57 mph were quite common due to the strong pressure gradient ahead of the front. Some siding was blown off a house and apartments just northeast of Owensboro, where a peak gust of 48 mph was measured. The highest measured peak wind gusts were 56 mph at the Kentucky mesonet sites near Cadiz (Trigg County) and Hopkinsville (Christian County). Damaging convective winds associated with pre-frontal convection occurred in Calloway County, where a line of showers and isolated thunderstorms damaged several structures.

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**(KY-Z001) FULTON, (KY-Z002) HICKMAN, (KY-Z003) CARLISLE, (KY-Z004) BALLARD, (KY-Z005) MCCRACKEN, (KY-Z006) GRAVES, (KY-Z007) LIVINGSTON, (KY-Z008) MARSHALL, (KY-Z009) CALLOWAY, (KY-Z010) CRITTENDEN, (KY-Z011) LYON, (KY-Z012) TRIGG, (KY-Z013) CALDWELL, (KY-Z014) UNION, (KY-Z015) WEBSTER, (KY-Z016) HOPKINS, (KY-Z017) CHRISTIAN, (KY-Z018) HENDERSON, (KY-Z019) DAVIESS, (KY-Z020) MCLEAN, (KY-Z021) MUHLENBERG, (KY-Z022) TODD**

04/24/16 02:00 CST			0	Dense Fog
04/24/16 07:00 CST			0	

Widespread dense fog blanketed western Kentucky during the early morning hours. Visibility was reduced to one-quarter mile or less. The dense fog occurred on the western periphery of a surface high pressure ridge that extended from the Upper Ohio Valley southward across the southern Appalachian Mountains.

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**DAVIESS COUNTY --- 0.5 E OWENSBORO [37.77, -87.11]**

04/26/16 17:44 CST			0	Hail (0.75 in)
04/26/16 17:44 CST			0	Source: Trained Spotter

A well-developed squall line moved east-southeast at 45 knots into a destabilizing air mass over the Lower Ohio Valley. The line was located to the south of a quasi-stationary front in a moist air mass. The southern end of the most intense part of the line affected the Owensboro area with gusty winds and dime-size hail.

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**GRAVES COUNTY --- MAYFIELD [36.73, -88.63]**

04/27/16 15:10 CST			3K	Thunderstorm Wind (EG 52 kt)
04/27/16 15:10 CST			0	Source: Law Enforcement

Two trees were blown down.

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**HOPKINS COUNTY --- 4.0 W MORTONS GAP [37.23, -87.55]**

04/27/16 15:15 CST			0	Funnel Cloud
04/27/16 15:15 CST			0	Source: Trained Spotter

A trained spotter reported a funnel cloud just west of Mortons Gap.

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**LIVINGSTON COUNTY --- SMITHLAND [37.13, -88.40]**

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	04/27/16 15:32 CST		0	Hail (0.75 in)
	04/27/16 15:32 CST		0	Source: Emergency Manager
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<b>HOPKINS COUNTY --- 0.8 SE EARLINGTON [37.26, -87.51], 0.9 ESE EARLINGTON [37.26, -87.50]</b>				
	04/27/16 15:33 CST		0	Tornado (EF0, L: 0.30 mi , W: 30 yd)
	04/27/16 15:34 CST		0	Source: Law Enforcement
<p>Law enforcement personnel reported a brief tornado near Earlington. No damage was located. Based on radar indications, the parent circulation of this tornado also produced the funnel cloud that was earlier reported west of Mortons Gap. The parent circulation crossed over U.S. Highway 41 less than a mile south of Earlington.</p>				
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<b>MARSHALL COUNTY --- 2.0 E DRAFFENVILLE [36.92, -88.29], 7.0 NNE BENTON [36.96, -88.30]</b>				
	04/27/16 15:45 CST		20K	Thunderstorm Wind (EG 52 kt)
	04/27/16 15:45 CST		0	Source: Law Enforcement
<p>Trees were blown down across roads in rural areas.</p>				
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<b>MUHLENBERG COUNTY --- 0.2 ESE NEW CYPRESS [37.25, -87.25], 0.5 SSW MOREHEAD [37.26, -87.18]</b>				
	04/27/16 15:47 CST		0	Funnel Cloud
	04/27/16 15:54 CST		0	Source: Trained Spotter
<p>A trained spotter reported a funnel cloud passed northwest through north of Greenville . The funnel cloud and the parent mesoscale circulation moved east-northeast along and just north of the Western Kentucky Parkway .</p>				
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<b>LYON COUNTY --- 5.6 SSW CARMACK [36.95, -88.17]</b>				
	04/27/16 15:50 CST		2K	Thunderstorm Wind (EG 52 kt)
	04/27/16 15:50 CST		0	Source: Emergency Manager
<p>A tree was blown down, blocking Highway 453 in the Land Between The Lakes National Recreation Area.</p>				
<hr/>				
<b>MUHLENBERG COUNTY --- BREMEN [37.37, -87.22], 3.0 N CENTRAL CITY [37.34, -87.13]</b>				
	04/27/16 16:00 CST		0	Hail (1.75 in)
	04/27/16 16:13 CST		0	Source: Law Enforcement
<p>Golf ball size hail fell from Bremen eastward to the Green River, including areas along U.S. Highway 431 north of Central City. This hail fell from the same storm that produced the funnel cloud along the Western Kentucky Parkway northwest through north of Greenville .</p>				
<hr/>				
<b>CALDWELL COUNTY --- 5.0 NW PRINCETON [37.17, -87.93]</b>				
	04/27/16 16:15 CST		0	Funnel Cloud
	04/27/16 16:15 CST		0	Source: Trained Spotter
<hr/>				
<b>WEBSTER COUNTY --- 1.4 WSW ELMWOOD [37.52, -87.52], 3.0 N SLAUGHTERS [37.52, -87.50]</b>				
	04/27/16 16:15 CST		0	Tornado (EF0, L: 1.22 mi , W: 30 yd)
	04/27/16 16:17 CST		0	Source: Trained Spotter
<p>Numerous eyewitnesses reported a tornado touchdown. There was no damage located in the woods and fields where it was sighted. Photographs showed a rope-like funnel cloud extending down behind a tree line.</p>				
<hr/>				
<b>MCLEAN COUNTY --- BEECH GROVE [37.62, -87.40]</b>				
	04/27/16 16:19 CST		0	Funnel Cloud
	04/27/16 16:19 CST		0	Source: Law Enforcement
<p>Law enforcement received a few phone calls from the public reporting a funnel cloud in the community.</p>				
<hr/>				
<b>MCLEAN COUNTY --- BEECH GROVE [37.62, -87.40]</b>				
	04/27/16 16:19 CST		40K	Thunderstorm Wind (EG 56 kt)
	04/27/16 16:19 CST		0	Source: Law Enforcement
<p>Widespread tree damage was reported throughout the community.</p>				
<hr/>				
<b>MUHLENBERG COUNTY --- 2.0 N CENTRAL CITY [37.33, -87.13]</b>				

## Storm Data and Unusual Weather Phenomena - April 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/27/16 16:20 CST		0	Funnel Cloud
	04/27/16 16:20 CST		0	Source: Law Enforcement

A funnel cloud was reported with the supercell thunderstorm that produced golf ball size hail from Bremen eastward.

**MUHLENBERG COUNTY --- 1.8 WNW SOUTH CARROLLTON [37.34, -87.18], 0.8 NNE GISHTON [37.34, -87.22], 0.9 E BREMEN [37.37, -87.20], 0.5 W MOGG [37.37, -87.16]**

04/27/16 16:23 CST	0	Flood (due to Heavy Rain)
04/27/16 17:30 CST	0	Source: Law Enforcement

Water was over a small road off Kentucky Highway 81.

**WEBSTER COUNTY --- SEBREE [37.60, -87.53], SLAUGHTERS [37.48, -87.50], PROVIDENCE [37.40, -87.77], CLAY [37.48, -87.83]**

04/27/16 16:51 CST	0	Flash Flood (due to Heavy Rain)
04/27/16 19:00 CST	0	Source: Emergency Manager

The county emergency management office reported flash flooding of roads around the county.

**HOPKINS COUNTY --- HANSON [37.42, -87.48]**

04/27/16 16:52 CST	0	Funnel Cloud
04/27/16 16:52 CST	0	Source: Fire Department/Rescue

**HENDERSON COUNTY --- 0.7 N HENDERSON [37.84, -87.58], 0.9 NNE HENDERSON ARPT [37.81, -87.67], 0.7 S HENDERSON ARPT [37.79, -87.68], 1.1 SSW OHIORIVER ORDINANCE [37.78, -87.63], 1.8 NW ANTHOSTON [37.79, -87.56]**

04/27/16 17:01 CST	0	Flash Flood (due to Heavy Rain)
04/27/16 19:00 CST	0	Source: Broadcast Media

In the city of Henderson, Alternate U.S. Highway 41 and several city streets were flooded. Portions of one street were impassable. Just outside the city, Highway 425 was flooded. Water surrounded homes on Highway 136 west of the city.

**DAVIESS COUNTY --- 1.0 NW PETTIT [37.69, -87.13], 1.4 SSW DOYLE [37.73, -87.08]**

04/27/16 17:22 CST	0.10M	Tornado (EF0, L: 4.16 mi , W: 125 yd)
04/27/16 17:30 CST	0	Source: NWS Storm Survey

This weak tornado touched down on the west side of U.S. Highway 431 near Panther Creek. Dozens of trees or large tree limbs were broken. There was partial shingle loss and other minor damage to several homes. One home had the front porch blown off. A barn had doors blown off. One vehicle was badly damaged. A stand-alone carport was blown about one-tenth of a mile. Several fences were blown over. The damage path ended near the southeast city limits of Owensboro along U.S. Highway 60, near the intersection with U.S. Highway 231. Peak winds were estimated near 80 mph.

**HOPKINS COUNTY --- MADISONVILLE [37.33, -87.50], 0.9 ENE MADISONVILLE [37.33, -87.48], 1.7 NNE MADISONVILLE [37.35, -87.49], 1.7 N MADISONVILLE [37.35, -87.50]**

04/27/16 17:26 CST	2K	Flood (due to Heavy Rain)
04/27/16 18:30 CST	0	Source: Emergency Manager

A vehicle was stranded in flooding under a railroad overpass.

**HOPKINS COUNTY --- HANSON [37.42, -87.48]**

04/27/16 17:30 CST	10K	Lightning
04/27/16 17:30 CST	0	Source: Trained Spotter

Lightning was the suspected cause of a structure fire.

**DAVIESS COUNTY --- 1.4 NNE DOYLE [37.77, -87.06], 1.1 SE THURSTON [37.79, -87.01]**

04/27/16 17:36 CST	75K	Tornado (EF1, L: 2.86 mi , W: 150 yd)
04/27/16 17:40 CST	0	Source: NWS Storm Survey

One mobile home was destroyed. At least two dozen other mobile homes were damaged. Mainly minor damage was reported to the mobile homes. Dozens of trees or large limbs were broken. A carport and several privacy fences were blown down. Several homes had partial loss of shingles. The damage path was just south of U.S. Highway 60 between Owensboro and the small community of Thurston. Peak winds were estimated near 90 mph.

**DAVIESS COUNTY --- 0.7 W OWENSBORO [37.77, -87.13], 1.1 SSW OWENSBORO [37.76, -87.13], 1.5 ESE OWENSBORO [37.76, -87.10], 1.0 E OWENSBORO [37.77, -87.10]**

## Storm Data and Unusual Weather Phenomena - April 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/27/16 17:49 CST		0	Flash Flood (due to Heavy Rain)
	04/27/16 19:30 CST		0	Source: Amateur Radio

Several city streets were flooded, including portions of Highway 54.

Large clusters of thunderstorms developed northeastward across western Kentucky as the lower atmosphere warmed and moistened during the afternoon hours. A tongue of low-level moisture extended from northern Mississippi northward across far western Kentucky. Thunderstorms within the moist corridor were aided by large-scale ascent associated with an upper-level trough over the Lower Mississippi Valley. Deep-layer wind shear of 30 to 40 knots was sufficient for several supercell structures which produced large hail and a few tornadoes.

### MISSOURI, Southeast

(MO-Z087) CAPE GIRARDEAU, (MO-Z109) BUTLER, (MO-Z110) STODDARD, (MO-Z111) SCOTT, (MO-Z112) MISSISSIPPI, (MO-Z114) NEW MADRID				
	04/10/16 12:00 CST		6K	Strong Wind (MAX 40 kt)
	04/10/16 17:00 CST		0	

Strong south winds gusted to around 45 mph across much of southeast Missouri, mainly along and southeast of a line from Poplar Bluff to Cape Girardeau. The strong winds occurred over flat, open farmland of the Mississippi River delta. The freshly plowed farm fields became sources of widespread blowing dust, which reduced visibility to three or four miles over a widespread area. Peak wind gusts were measured to 46 mph at the Poplar Bluff and Cape Girardeau airports. A trained spotter estimated peak winds to 45 mph near Bernie in Stoddard County. The strong winds occurred ahead of a cold front that trailed southwest from a low pressure center. The low deepened as it moved from the central Plains northeast into the Great Lakes region.

#### CAPE GIRARDEAU COUNTY --- CAPE GIRARDEAU [37.30, -89.53]

	04/26/16 15:45 CST		0	Hail (0.88 in)
	04/26/16 15:45 CST		0	Source: Broadcast Media

#### BUTLER COUNTY --- POPLR BLFF FLDS ARPT [36.77, -90.32]

	04/26/16 16:13 CST		5K	Thunderstorm Wind (MG 52 kt)
	04/26/16 16:13 CST		0	Source: ASOS

The automated observing system at the Poplar Bluff airport measured a wind gust to 60 mph. Numerous shingles were torn off the roof at the Poplar Bluff airport. The damaging winds occurred along a gust front that arrived just ahead of the leading edge of precipitation.

A well-developed squall line moved east-southeast at 45 knots into a destabilizing air mass over the Mississippi Valley. The line was located to the south of a quasi-stationary front in a moist air mass, with surface dew points in the mid to upper 60's. Surface temperatures in the lower 80's contributed to moderate instability, which helped to maintain the line of storms into the early evening. Isolated damaging winds up to 60 mph and hail up to nickel-size accompanied the strongest storms.