

## Storm Data and Unusual Weather Phenomena - September 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Central</b>				
<b>JASPER COUNTY --- 1.0 E ROSE HILL [39.10, -88.13], 2.1 NE ADVANCE [39.17, -88.01], 4.6 ENE ADVANCE [39.17, -87.95], 3.2 ENE HUNT CITY [39.06, -87.96], 0.6 NW WILLOW HILL [39.01, -88.03]</b>				
	09/01/15 07:15 CST		0	Flash Flood (due to Heavy Rain)
	09/01/15 09:45 CST		0	Source: Emergency Manager
Slow moving thunderstorms produced 4.00 to 6.00 inches of rain in less than three hours around sunrise. This resulted in the flash flooding of many rural roads in the northeast part of Jasper County. County Road 6/14 from Yale to Hunt City was closed due to high water. The flash flooding subsided by late morning.				
<b>CLARK COUNTY --- 5.2 SW MORIAH [39.17, -88.01], 2.3 N CASEY MUNI ARPT [39.33, -87.99], 4.5 NNW CLEONE [39.48, -87.93], 4.1 NW CLARKSVILLE [39.48, -87.86], 1.6 NW MARTINSVILLE [39.35, -87.90], 3.2 SSW MORIAH [39.18, -87.95]</b>				
	09/01/15 09:30 CST		0	Flash Flood (due to Heavy Rain)
	09/01/15 12:00 CST		0	Source: Law Enforcement
Slow moving thunderstorms produced 4.00 to 6.00 inches of rain in less than three hours during the morning. This resulted in the flash flooding of many rural roads north of I-70 to the Clark/Edgar County line. Roads were also flooded east of the town of Casey. The flash flooding subsided by late morning.				
<b>EDGAR COUNTY --- 4.7 S GRAND VIEW [39.48, -87.86], 4.7 S KANSAS [39.48, -87.93], 1.4 WNW GRAND VIEW [39.56, -87.87], 1.1 E GRAND VIEW [39.55, -87.83]</b>				
	09/01/15 09:30 CST		0	Flash Flood (due to Heavy Rain)
	09/01/15 12:00 CST		0	Source: Law Enforcement
Slow moving thunderstorms produced 4.00 to 6.00 inches of rain in less than three hours during the morning. This resulted in the flash flooding of rural roads in the southwest corner of Edgar County. The flash flooding subsided by late morning.				
<b>Very warm and humid air combined with a weak upper level disturbance to produce very slow moving thunderstorms over parts of southeast Illinois during the morning hours of September 1st. Rainfall amounts of 4.00 to 6.00 inches resulted in the flooding of some roads in Jasper County, Clark County and Edgar County.</b>				
<b>PIATT COUNTY --- 0.5 W HAMMOND [39.80, -88.61]</b>				
	09/04/15 17:00 CST		25K	Thunderstorm Wind (EG 52 kt)
	09/04/15 17:05 CST		0	Source: Trained Spotter
Numerous 4-inch diameter tree branches were blown down along US-36 about a half mile west of Hammond.				
<b>PIATT COUNTY --- 5.0 E LA PLACE [39.80, -88.63]</b>				
	09/04/15 17:00 CST		0	Hail (1.00 in)
	09/04/15 17:05 CST		0	Source: Trained Spotter
<b>VERMILION COUNTY --- 5.0 W HOOPESTON [40.47, -87.77]</b>				
	09/04/15 17:00 CST		0	Hail (0.88 in)
	09/04/15 17:05 CST		0	Source: Emergency Manager
<b>CHAMPAIGN COUNTY --- MAHOMET [40.20, -88.40]</b>				
	09/04/15 18:10 CST		0	Hail (1.00 in)
	09/04/15 18:15 CST		0	Source: Emergency Manager
<b>VERMILION COUNTY --- CATLIN [40.07, -87.70]</b>				
	09/04/15 18:38 CST		0	Hail (0.75 in)
	09/04/15 18:43 CST		0	Source: Emergency Manager
<b>VERMILION COUNTY --- DANVILLE [40.13, -87.62]</b>				
	09/04/15 18:40 CST		20K	Thunderstorm Wind (EG 52 kt)
	09/04/15 18:45 CST		0	Source: Emergency Manager
Numerous large tree branches were blown down across Danville.				
<b>VERMILION COUNTY --- TILTON [40.10, -87.63]</b>				

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	09/04/15 18:40 CST		20K	Thunderstorm Wind (EG 52 kt)
	09/04/15 18:45 CST		0	Source: Emergency Manager
A couple of trees were snapped or uprooted in Tilton. One tree fell onto a house.				
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<b>DOUGLAS COUNTY --- VILLA GROVE [39.87, -88.17]</b>				
	09/04/15 19:45 CST		15K	Thunderstorm Wind (EG 52 kt)
	09/04/15 19:50 CST		0	Source: Law Enforcement
Several trees were blown down in Villa Grove.				
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<b>DOUGLAS COUNTY --- TUSCOLA [39.80, -88.28]</b>				
	09/04/15 19:55 CST		20K	Thunderstorm Wind (EG 52 kt)
	09/04/15 20:00 CST		0	Source: Law Enforcement
Several trees were blown down in Tuscola.				
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<b>COLES COUNTY --- MATTOON [39.48, -88.37]</b>				
	09/04/15 21:05 CST		25K	Thunderstorm Wind (EG 52 kt)
	09/04/15 21:10 CST		0	Source: Mesonet
Several tree branches were blown down around Mattoon. One tree fell onto a house.				
<p><b>A large upper-level ridge of high pressure continued to dominate the region, providing hot and humid conditions. Widely scattered thunderstorms developed along the northern periphery of the high across portions of east-central Illinois during the late afternoon and evening of September 4th. Due to the high level of instability in the atmosphere, a few of the storms became severe, producing damaging wind gusts of around 60 mph and hail as large as quarters along and east of the I-57 corridor.</b></p>				
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<b>VERMILION COUNTY --- 2.7 WNW HOOPESTON [40.49, -87.71], 1.6 NW CHENEYVILLE [40.49, -87.60], 1.9 N HEATON [40.45, -87.60], 2.3 WNW HEATON [40.43, -87.64]</b>				
	09/05/15 08:30 CST		0	Flash Flood (due to Heavy Rain)
	09/05/15 11:30 CST		0	Source: Emergency Manager
<p>Slow moving thunderstorms produced 4.00 to 6.00 inches of rain in two hours around daybreak in extreme northeast Vermilion County , including the town of Hoopeston. Extensive flooding of streets occurred in Hoopeston. Illinois Route 1 west of Hoopeston to the Iroquois County line was flooded. A four mile stretch of Illinois Route 9 southwest and south of Hoopeston was closed. The flooding subsided by late in the morning.</p>				
<p><b>A very warm and humid airmass remained in place across central Illinois on September 5th. Widely scattered thunderstorms developed during the morning hours, with some of the storms putting down copious amounts of rain in a short period of time. Rainfall totals across northern Vermilion County ranged from 4 to 6 inches, with an observer in the town of Hoopeston measuring 5.43. The heavy rain caused widespread flash flooding across Hoopeston.</b></p>				
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<b>MARSHALL COUNTY --- HENRY [41.12, -89.37]</b>				
	09/10/15 12:05 CST		30K	Thunderstorm Wind (EG 52 kt)
	09/10/15 12:10 CST		0	Source: Emergency Manager
Several 6-inch diameter branches were blown down in Henry, including one that fell onto a house. Tin was blown off a roof.				
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<b>MASON COUNTY --- 3.5 SW KILBOURNE [40.12, -90.07], 3.4 SW KILBOURNE [40.12, -90.07]</b>				
	09/10/15 15:45 CST		20K	Tornado (EF0, L: 0.21 mi , W: 75 yd)
	09/10/15 15:46 CST		0	Source: Emergency Manager
<p>A tornado touched down 3.5 miles southwest of Kilbourne at 4:45 PM CDT. It then tracked southeastward across East County Road 400N and quickly dissipated 3.4 miles southwest of Kilbourne at 4:46 PM CDT. One home sustained shingle and siding damage and had tree branches blown through a few windows. In addition, numerous power lines were knocked down in the area.</p>				
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<b>MENARD COUNTY --- 1.0 E TALLULA [39.93, -89.91]</b>				
	09/10/15 16:22 CST		0	Hail (1.75 in)
	09/10/15 16:27 CST		0	Source: Law Enforcement
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<b>SANGAMON COUNTY --- PLEASANT PLAINS [39.87, -89.92]</b>				
	09/10/15 16:38 CST		0	Hail (1.75 in)
	09/10/15 16:43 CST		0	Source: Public

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An approaching cold front triggered scattered thunderstorms across portions of central Illinois during the late afternoon of September 10th. The storms mainly impacted locations north of a Jacksonville to Rantoul line, producing isolated wind damage and hail as large as golf balls. One of the storms produced a brief tornado in Mason County that damaged a home and downed power lines southwest of Kilbourne.

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**VERMILION COUNTY --- 2.3 NNW HOPE [40.23, -87.92]**

	09/18/15 20:40 CST	0	Hail (0.75 in)
	09/18/15 20:45 CST	0	Source: Public

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**VERMILION COUNTY --- 5.0 NW OAKWOOD [40.17, -87.85]**

	09/18/15 20:50 CST	0	Hail (1.00 in)
	09/18/15 20:55 CST	0	Source: Trained Spotter

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**VERMILION COUNTY --- 2.3 W HOOPESTON [40.47, -87.71], 2.8 E CHENEYVILLE [40.48, -87.53], 4.5 SE HEATON [40.38, -87.53], 3.1 N POTOMAC [40.35, -87.80], 2.6 SE REILLY [40.39, -87.82]**

	09/18/15 22:00 CST	0	Flash Flood (due to Heavy Rain)
	09/19/15 02:45 CST	0	Source: Emergency Manager

Thunderstorms with heavy rainfall produced flash flooding in northeast Vermilion County for the second time in less than two weeks . Rainfall amounts of 3.50 to 5.00 inches resulted from two separate rounds of storms - one in the late evening and one after Midnight. Extensive street flooding was reported in the town of Hoopeston. Most rural roads from Hoopeston to Rossville, and east to the Indiana border were impassable.

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**VERMILION COUNTY --- 2.3 W HOOPESTON [40.47, -87.71], 2.8 E CHENEYVILLE [40.48, -87.53], 4.5 SE HEATON [40.38, -87.53], 3.1 N POTOMAC [40.35, -87.80], 2.6 SE REILLY [40.39, -87.82]**

	09/19/15 02:45 CST	0	Flood (due to Heavy Rain)
	09/19/15 06:00 CST	0	Source: Emergency Manager

Thunderstorms with heavy rainfall produced flash flooding in northeast Vermilion County for the second time in less than two weeks . Rainfall amounts of 3.50 to 5.00 inches resulted from two separate rounds of storms - one in the late evening and one after Midnight. Extensive street flooding was reported in the town of Hoopeston. Most rural roads from Hoopeston to Rossville, and east to the Indiana border were impassable. The rainfall finally ended in the early morning hours, which allowed the flooding to subside around daybreak on the 19th.

**A slow-moving cold front interacting with an unseasonably warm and moist airmass triggered several rounds of showers and thunderstorms across central Illinois on September 18th. A few of the storms produced hail as large as quarters: however, the main severe weather issue was heavy rainfall and flash flooding. Rainfall amounts of 2 to 4 inches were common along and north of a Lincoln to Danville line which lead to localized flash flooding, particularly in northern Vermilion County which was already saturated from flash flooding the previous two weeks.**