

Storm Data and Unusual Weather Phenomena - September 2014

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

PEORIA COUNTY --- 4.5 E PRINCEVILLE [40.93, -89.66]

09/01/14 02:30 CST			15K	Thunderstorm Wind (EG 52 kt)
09/01/14 02:35 CST			0	Source: Public

A few trees were uprooted and numerous tree branches were blown down. The roof of a barn was lifted up on the back wall and flashing/gutter damage occurred to the roof of a house.

A weak upper-level disturbance triggered isolated thunderstorms across north-central Illinois during the early morning hours of September 1st. A few of the cells produced gusty winds of 50 to 60 mph that caused minor wind damage in northern Peoria County.

CLAY COUNTY --- 5.5 ENE BIBLE GROVE [38.91, -88.36], 2.3 NW INGRAHAM [38.85, -88.36], 1.4 W CRUSE [38.82, -88.70], 6.7 N CRUSE [38.91, -88.69]

09/02/14 00:00 CST			0	Flash Flood (due to Heavy Rain)
09/02/14 03:00 CST			0	Source: Law Enforcement

Heavy downpours which produced 2 to 3 inches of rain per hour between 2200-0000 local time resulted in flash flooding across the northern half of Clay County. Numerous rural roads were impassable, streets were flooded in the town of Hord, and parts of U.S. Highway 45 from the Effingham County line to about Louisville were closed. The flooding subsided within three hours.

EFFINGHAM COUNTY --- 4.5 SW ALTAMONT [39.02, -88.81], 2.4 SSE DIETERICH [39.04, -88.36], 1.4 SSE WINTERROWD [38.91, -88.36], 8.5 W EDGEWOOD [38.91, -88.81]

09/02/14 00:00 CST			0	Flash Flood (due to Heavy Rain)
09/02/14 03:00 CST			0	Source: Law Enforcement

Heavy downpours which produced 2 to 3 inches of rain per hour between 2200-0000 local time resulted in flash flooding across the southern half of Effingham County. Numerous rural roads were impassable, streets in the towns of Mason and Edgewood were flooded, and parts of U.S. Highway 45 near the Clay County line were closed. Several motorists had to be rescued after they drove into flooded ditches. The flooding subsided within three hours.

JASPER COUNTY --- 1.0 W ST MARIE [38.93, -88.04]

09/02/14 00:00 CST			20K	Thunderstorm Wind (EG 52 kt)
09/02/14 00:05 CST			0	Source: Law Enforcement

Numerous trees were blown down just west of Sainte Marie.

LAWRENCE COUNTY --- LAWRENCEVILLE [38.72, -87.67]

09/02/14 00:25 CST			2K	Thunderstorm Wind (EG 52 kt)
09/02/14 00:35 CST			0	Source: Law Enforcement

A tree and several tree branches were blown down in Lawrenceville.

JASPER COUNTY --- 2.4 WSW WHEELER [39.04, -88.36], 4.4 ESE YALE [39.09, -87.95], 3.7 NE RAFETOWN [38.88, -87.95], 0.8 W WEST LIBERTY [38.85, -88.09], 8.5 WSW BOGOTA [38.85, -88.36]

09/02/14 00:30 CST			0	Flash Flood (due to Heavy Rain)
09/02/14 03:30 CST			0	Source: Law Enforcement

Heavy downpours which produced 2 to 3 inches of rain per hour between 2230-0030 local time resulted in flash flooding across much of Jasper County. Numerous rural roads were impassable, streets were flooded in Newton, and parts of Illinois Route 33 from Newton to the Crawford County line, as well as Illinois Route 130 just south of Newton, were closed. The flooding subsided within three hours.

CRAWFORD COUNTY --- 1.7 NNW KIBBIE [39.09, -87.95], 1.0 SE HUTSONVILLE [39.11, -87.66], 4.5 NE PALESTINE [39.05, -87.57], 0.9 NNW DUNCANVILLE [38.96, -87.69], 3.5 SSW PIERCEBURG [38.88, -87.95]

09/02/14 01:00 CST			0	Flash Flood (due to Heavy Rain)
09/02/14 04:00 CST			0	Source: Law Enforcement

Heavy downpours which produced 2 to 3 inches of rain per hour between 2300-0100 local time resulted in flash flooding across a large part of Crawford County. Numerous rural roads were impassable, streets were flooded in Robinson and Oblong, and two state highways were closed, including Illinois Route 1 from Robinson to Hutsonville and Illinois Route 33 from the Jasper County line to Palestine. The flooding subsided within three hours.

A large complex of slow-moving thunderstorms moved across south-central Illinois during the early morning hours of September 2nd. A few of the cells produced gusty winds of 50 to 60 mph that downed a couple of trees in Jasper and Lawrence counties. In addition, rainfall amounts of 3 to 6 inches were common along and south of the I-70 corridor, leading to flash flooding.

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KNOX COUNTY --- 2.3 WNW RIO [41.14, -90.44], 2.3 NW OAK RUN [40.99, -90.16], 2.4 NNE EASTSIDE GALESBURG [40.88, -90.31], 1.6 SSW (GBG)GALESBURG ARPT [40.91, -90.44]				
	09/04/14 05:30 CST		0	Flash Flood (due to Heavy Rain)
	09/04/14 09:00 CST		0	Source: Emergency Manager
<p>Persistent thunderstorms with heavy rainfall developed over the same areas of western Knox County during the early morning hours of September 4th. Observers reported 3.00 to 5.00 inches of rain in the two hours between 0330 and 0530 local time. Numerous streets within Galesburg and Knoxville were flooded. Multiple viaducts flooded which caused several stalled vehicles to become trapped in the rising water during the morning commute. The flooding subsided before late morning.</p> <p>A large complex of nocturnal thunderstorms tracked out of Iowa across northern Illinois during the early morning hours of September 4th. Back-building on the southwest edge of the complex led to repeated thunderstorms and heavy rainfall across Knox County. Several weather observers reported between 3 and 5 inches of rain falling in a short period of time. As a result, flash flooding occurred in western parts of the county. Numerous roads were flooded and several cars stalled in high water in the city of Galesburg.</p>				
CASS COUNTY --- BEARDSTOWN [40.02, -90.43]				
	09/05/14 15:42 CST		35K	Thunderstorm Wind (EG 61 kt)
	09/05/14 15:47 CST		0	Source: Public
<p>Several trees and power lines were blown down.</p>				
CASS COUNTY --- 3.0 NE BEARDSTOWN [40.05, -90.39]				
	09/05/14 15:45 CST		12K	Thunderstorm Wind (EG 61 kt)
	09/05/14 15:50 CST		0	Source: Emergency Manager
<p>Numerous large tree limbs were blown down.</p>				
CASS COUNTY --- 3.0 NW VIRGINIA [39.98, -90.26]				
	09/05/14 15:55 CST		40K	Thunderstorm Wind (EG 61 kt)
	09/05/14 16:00 CST		0	Source: Mesonet
<p>A machine shed was destroyed.</p>				
CASS COUNTY --- VIRGINIA [39.95, -90.22]				
	09/05/14 15:55 CST		50K	Thunderstorm Wind (EG 61 kt)
	09/05/14 16:00 CST		0	Source: Law Enforcement
<p>Strong winds damaged the roof of a school gym in Virginia.</p>				
MENARD COUNTY --- 0.5 S PETERSBURG [40.01, -89.85]				
	09/05/14 16:25 CST		1K	Thunderstorm Wind (EG 52 kt)
	09/05/14 16:30 CST		0	Source: Emergency Manager
<p>A large tree limb was blown down in Petersburg just south of the IL-123 and 97 junction.</p>				
SCOTT COUNTY --- WINCHESTER [39.63, -90.47]				
	09/05/14 16:30 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	09/05/14 16:35 CST		0	Source: Law Enforcement
<p>A large tree was blown across the Winchester/Glasgow Blacktop.</p>				
MENARD COUNTY --- ATHENS [39.95, -89.73]				
	09/05/14 16:33 CST		4K	Thunderstorm Wind (EG 52 kt)
	09/05/14 16:38 CST		0	Source: Emergency Manager
<p>Power lines were blown down onto a house in Athens.</p>				
LOGAN COUNTY --- 1.0 NE ELKHART [40.03, -89.47]				
	09/05/14 16:50 CST		12K	Thunderstorm Wind (EG 52 kt)
	09/05/14 17:00 CST		0	Source: NWS Employee
<p>Numerous tree branches were blown down along I-55 northeast of Elkhart.</p>				

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VERMILION COUNTY --- HOOPESTON [40.47, -87.67]				
	09/05/14 18:00 CST		10K	Thunderstorm Wind (EG 52 kt)
	09/05/14 18:05 CST		0	Source: Emergency Manager
Several 12 to 15-inch diameter tree branches were blown down on the southeast side of Hoopeston.				
VERMILION COUNTY --- HOOPESTON [40.47, -87.67]				
	09/05/14 18:05 CST		25K	Thunderstorm Wind (EG 52 kt)
	09/05/14 18:10 CST		0	Source: COOP Observer
Numerous tree branches and power lines were blown down.				
COLES COUNTY --- MATTOON [39.48, -88.37]				
	09/05/14 18:44 CST		1.50K	Thunderstorm Wind (EG 52 kt)
	09/05/14 18:49 CST		0	Source: Trained Spotter
A tree was blown down across a road.				
<p>A cold front triggered strong to severe thunderstorms across parts of central Illinois during the late afternoon and evening of September 5th. Many of the storms produced strong winds of 60 to 70 mph in a corridor from Scott and Cass County northeastward to Logan County. Numerous trees, tree branches, and power lines were blown down in this area, with some of the most significant wind damage occurring in the town of Virginia in Cass County.</p>				
PEORIA COUNTY --- NORTH CHILLICOTHE [40.93, -89.50]				
	09/09/14 02:48 CST		0.15M	Thunderstorm Wind (EG 61 kt)
	09/09/14 02:53 CST		0	Source: Broadcast Media
Several trees were blown down, including one that damaged a car and part of a house.				
<p>An approaching warm front triggered showers and thunderstorms across north-central Illinois during the early morning of September 9th. Locally heavy rainfall amounts of 1.50 to 2.50 inches occurred along and north of a Galesburg to Bloomington-Normal line. In addition, one cell produced gusty winds of around 60 mph and minor wind damage in northern Peoria County near Chillicothe.</p>				
FULTON COUNTY --- 5.5 WSW ASTORIA [40.21, -90.45], 2.5 SSE MARBLETOWN [40.19, -90.19], 3.1 S MARBLETOWN [40.18, -90.20], 6.1 WSW ASTORIA [40.19, -90.45]				
	09/09/14 11:00 CST		0	Flash Flood (due to Heavy Rain)
	09/09/14 14:00 CST		0	Source: Emergency Manager
Slow moving thunderstorms with very heavy rainfall produced an average of 3.00" of rain in less than two hours in extreme southern Fulton County. Rural roads within one to two miles of the Schuyler County line were impassable. U.S. Highway 24 from two miles west- southwest of Astoria to the Schuyler County line was closed. The flooding subsided within about three hours by mid-afternoon.				
SCHUYLER COUNTY --- 3.5 N WAYLAND [40.25, -90.71], 1.3 NE RAY [40.21, -90.45], 1.1 SE RAY [40.19, -90.45], 1.6 ENE BLUFF CITY [40.18, -90.20], 0.9 ESE BROWNING [40.12, -90.36], 3.6 SSE RUSHVILLE [40.08, -90.54]				
	09/09/14 11:00 CST		0	Flash Flood (due to Heavy Rain)
	09/09/14 14:00 CST		0	Source: Emergency Manager
Slow moving thunderstorms with very heavy rainfall produced an average of 3.50" of rain in less than two hours across central and eastern Schuyler County. Streets in Rushville were flooded as a result. Nearly all rural roads in the county, north and east-northeast of Rushville were impassable. Illinois Route 100 near Browning and parts of U.S. Highway 24 from Rushville to the Fulton County line were closed. The flooding subsided within about three hours by mid-afternoon.				
<p>A developing warm front in the mid-Mississippi River Valley provided the focus for a series of slow moving thunderstorms with very heavy rainfall in parts of west central Illinois late in the morning on September 9th. Unseasonably high amounts of moisture in the atmosphere resulted in 2.50 to 4.00 inches of rain in less than two hours, particularly in and near Schuyler County. Flash flooding developed by early afternoon as a result of the heavy rainfall.</p>				
KNOX COUNTY --- ALTONA [41.12, -90.17]				
	09/10/14 04:50 CST		8K	Thunderstorm Wind (EG 52 kt)
	09/10/14 04:55 CST		0	Source: COOP Observer
Several 1.5 to 5-inch diameter tree branches were blown down.				

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SCHUYLER COUNTY --- 4.8 WNW BIRMINGHAM [40.28, -90.91], 0.9 E RAY [40.20, -90.45], 1.4 NW FREDERICK [40.09, -90.45], 6.4 SSW RUSHVILLE ARPT [40.03, -90.61], 2.3 S ERWIN [40.10, -90.70], 5.6 S HUNTSVILLE [40.10, -90.86]

09/10/14 05:30 CST	0	Flash Flood (due to Heavy Rain)
09/10/14 11:30 CST	0	Source: Emergency Manager

A second round of very heavy rain in less than 24 hours resulted in renewed flash flooding in much of Schuyler County during the morning hours of September 10th. An additional 3.00 to 4.00 inches of rain was reported in less than three hours. Due to the saturated ground, flash flooding developed quickly. Nearly all rural roads in the county were impassable. Most streets in Rushville flooded, as did Illinois Route 67 from Rushville to Littleton. Parts of Illinois Route 101 near the LaMoine River and the town of Brooklyn were closed. The flooding subsided around midday.

JASPER COUNTY --- ST MARIE [38.93, -88.02]

09/10/14 18:46 CST	15K	Thunderstorm Wind (EG 61 kt)
09/10/14 18:51 CST	0	Source: Mesonet

Numerous 12-inch diameter tree branches were blown down.

JASPER COUNTY --- 1.0 WSW ST MARIE [38.92, -88.04]

09/10/14 18:50 CST	25K	Thunderstorm Wind (EG 61 kt)
09/10/14 18:55 CST	0	Source: Emergency Manager

A large machine shed was damaged.

CRAWFORD COUNTY --- OBLONG [39.00, -87.92]

09/10/14 18:54 CST	0.10M	Thunderstorm Wind (EG 61 kt)
09/10/14 18:59 CST	0	Source: Emergency Manager

Several trees and tree branches were blown down, including some that fell onto houses and garages. A carport was blown over as well.

CRAWFORD COUNTY --- 2.1 NNE PIERCEBURG [38.96, -87.91]

09/10/14 18:55 CST	20K	Thunderstorm Wind (EG 61 kt)
09/10/14 19:00 CST	0	Source: Emergency Manager

A grain delivery system was blown over and damaged.

A slow-moving cold front interacting with an unseasonably warm and moist air-mass produced widespread showers and thunderstorms across central Illinois on September 10th. Rain amounts generally ranged from 2 to 4 inches, with 2-day totals exceeding 7 inches across portions of Schuyler and Fulton counties. Due to the heavy rainfall, flash flooding of many local roads was reported across Schuyler County. As the cold front settled southward into a more unstable airmass, a few strong to severe thunderstorms developed along and south of I-70 during the evening hours. Minor wind damage occurred across Jasper and Crawford counties.