

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Central				
KNOX COUNTY --- 5.0 NE VICTORIA [41.08, -90.03]				
	08/04/14 16:36 CST		0	Hail (1.00 in)
	08/04/14 16:37 CST		0	Source: Trained Spotter
STARK COUNTY --- 1.0 E WEST JERSEY [41.02, -89.91]				
	08/04/14 17:49 CST		0	Hail (0.75 in)
	08/04/14 17:50 CST		0	Source: Emergency Manager
TAZEWELL COUNTY --- MARQUETTE HGTS [40.62, -89.60]				
	08/04/14 18:13 CST		30K	Thunderstorm Wind (EG 52 kt)
	08/04/14 18:18 CST		0	Source: Social Media
A few trees and power lines were blown down in Marquette Heights.				
An upper-level disturbance rotating around a deep low over the Great Lakes triggered widely scattered thunderstorms across north-central Illinois during the late afternoon and evening of August 4th. A few of the cells produced hail up to the size of quarters in Knox County and gusty winds that downed some trees and power lines in Tazewell County.				
CLAY COUNTY --- FLORA [38.67, -88.48]				
	08/20/14 21:20 CST		3K	Thunderstorm Wind (EG 52 kt)
	08/20/14 21:25 CST		0	Source: Emergency Manager
Two trees were blown down in Flora.				
CLAY COUNTY --- CLAY CITY [38.68, -88.35]				
	08/20/14 21:35 CST		30K	Thunderstorm Wind (EG 52 kt)
	08/20/14 21:40 CST		0	Source: Emergency Manager
Numerous trees and tree branches were blown down in Clay City.				
CLAY COUNTY --- XENIA [38.63, -88.63]				
	08/20/14 21:45 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/20/14 21:50 CST		0	Source: Emergency Manager
Numerous trees and tree branches were blown down in Xenia.				
CLAY COUNTY --- 4.7 SSW OSKALOOSA [38.69, -88.70], 1.9 NNE FLORA MUNI ARPT [38.69, -88.43], 5.2 SSE FLORA MUNI ARPT [38.60, -88.41], 4.0 WSW XENIA [38.61, -88.70]				
	08/20/14 23:15 CST		0	Flash Flood (due to Heavy Rain)
	08/21/14 04:45 CST		0	Source: Law Enforcement
A slow moving thunderstorm in southwest Clay County produced 4.00 to 6.00" of rain in a two period during the late evening of August 20th. Multiple streets in Flora and Xenia were flooded. Nearly all rural roads in southwest Clay County were impassable. Parts of Old Highway 50, west of Flora, were closed for a period of time around Midnight local time.				
A weak upper-level disturbance interacting with a very warm and moist airmass triggered isolated severe thunderstorms across south-central Illinois during the evening of August 20th. One cell produced wind damage and heavy rainfall across Clay County. An observer in Xenia in far southwest Clay County measured 4.50 inches of rain, which lead to the flooding of Old Highway 50 west of Flora.				
PEORIA COUNTY --- 2.0 E ELMWOOD [40.78, -89.93]				
	08/23/14 09:22 CST		0	Thunderstorm Wind (EG 52 kt)
	08/23/14 09:27 CST		0	Source: Trained Spotter
A 6 to 7-inch diameter branch was broken off a cedar tree.				
TAZEWELL COUNTY --- PEKIN [40.57, -89.63]				
	08/23/14 10:30 CST		18K	Thunderstorm Wind (EG 52 kt)
	08/23/14 10:35 CST		0	Source: Mesonet

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Several tree branches were blown down in Pekin.

An upper-level disturbance triggered a cluster of strong to severe thunderstorms across Iowa and far northern Missouri during the pre-dawn hours of August 23rd. These storms tracked eastward into north-central Illinois by mid to late morning, producing gusty winds and heavy rainfall. Some minor wind damage was reported in Peoria and Tazewell counties.

CLAY COUNTY --- FLORA [38.67, -88.48]

08/23/14 19:00 CST	5K	Lightning
08/23/14 19:01 CST	0	Source: Emergency Manager

Lightning struck a house on the west edge of Flora causing a small fire.

CLAY COUNTY --- FLORA [38.67, -88.48]

08/23/14 19:00 CST	20K	Thunderstorm Wind (EG 52 kt)
08/23/14 19:05 CST	0	Source: Emergency Manager

Several large tree branches were blown down in Flora, including one that landed on a house.

An isolated strong thunderstorm tracked across Clay County during the evening of August 23rd. Strong, gusty winds of around 60 mph blew a few large tree branches down in Flora. In addition, lightning struck a home and caused a small fire in Flora.

(IL-Z038) MCLEAN

08/25/14 11:00 CST	1	0	Heat
08/25/14 18:00 CST		0	

Direct Fatalities: M550U

A large upper-level ridge of high pressure built into the Midwest from August 22nd through August 26th, causing afternoon high temperatures to soar into the 90s. The hot temperatures combined with high relative humidity to produce heat index values in excess of 100 degrees. As a result, Heat Advisories were posted along and north of I-74, with an Excessive Heat Warning in effect further south across the remainder of south-central and southeast Illinois. One person died in northern McLean County due to prolonged heat exposure.

TAZEWELL COUNTY --- DEER CREEK [40.63, -89.33]

08/25/14 17:20 CST	0	Hail (0.75 in)
08/25/14 17:21 CST	0	Source: Fire Department/Rescue

VERMILION COUNTY --- SIDELL [39.92, -87.82]

08/25/14 18:00 CST	25K	Thunderstorm Wind (EG 52 kt)
08/25/14 18:05 CST	0	Source: Law Enforcement

Several trees were blown down in Sidell. One power pole and a few power lines were downed as well.

EDGAR COUNTY --- KANSAS [39.55, -87.93]

08/25/14 18:23 CST	15K	Thunderstorm Wind (EG 52 kt)
08/25/14 18:28 CST	0	Source: Mesonet

A few trees and power lines were blown down in Kansas.

DOUGLAS COUNTY --- 3.0 S NEWMAN [39.76, -87.98]

08/25/14 18:30 CST	3K	Thunderstorm Wind (EG 52 kt)
08/25/14 18:35 CST	0	Source: Trained Spotter

A tree was blown onto a power line.

EDGAR COUNTY --- 4.0 N HUME [39.86, -87.87]

08/25/14 18:30 CST	1.50K	Thunderstorm Wind (EG 52 kt)
08/25/14 18:35 CST	0	Source: Public

A tree was blown down.

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Widespread thunderstorms developed along a stationary frontal boundary draped across northern Illinois during the afternoon and evening of August 25th. While most of the storms remained well north of the I-74 corridor, converging outflow boundaries from the convection led to the development of scattered strong to severe thunderstorms across east-central Illinois. A few of the storms produced 50 to 60 mph wind gusts and minor wind damage across portions of Vermilion, Douglas, and Edgar counties.

EDGAR COUNTY --- 1.6 E BROCTON [39.72, -87.90]

08/26/14 16:00 CST		0	Hail (1.00 in)
08/26/14 16:01 CST		0	Source: Trained Spotter

EDGAR COUNTY --- BROCTON [39.72, -87.93]

08/26/14 16:04 CST		0	Hail (1.00 in)
08/26/14 16:05 CST		0	Source: Trained Spotter

EDGAR COUNTY --- 0.5 W REDMON [39.65, -87.88]

08/26/14 16:07 CST		20K	Thunderstorm Wind (EG 52 kt)
08/26/14 16:12 CST		0	Source: Trained Spotter

Numerous tree branches were blown down and a corn field was flattened west of Redmon.

DE WITT COUNTY --- 1.1 NW CLINTON [40.16, -88.97], 1.4 ENE CLINTON [40.16, -88.93], 2.4 ENE OSPUR [40.10, -88.91], 2.5 SSW CLINTON [40.12, -88.98]

08/26/14 18:00 CST		5M	Flash Flood (due to Heavy Rain)
08/26/14 21:00 CST		0	Source: Emergency Manager

A severe thunderstorm produced 2.50 to 3.00" of rain within one hour in parts of central DeWitt County, including the city of Clinton. The flash flooding resulted in the closure of numerous streets and viaducts in Clinton, as well as basement flooding to numerous homes and businesses. The flash flooding also impacted several rural roads between Clinton and Weldon Springs State Park. The flooding subsided by late evening.

DE WITT COUNTY --- CLINTON [40.15, -88.95]

08/26/14 18:00 CST		25K	Thunderstorm Wind (EG 52 kt)
08/26/14 18:10 CST		0	Source: Newspaper

A few trees and power lines were blown down in Clinton.

MACON COUNTY --- ARGENTA [39.98, -88.82]

08/26/14 18:25 CST		0	Hail (1.00 in)
08/26/14 18:26 CST		0	Source: Emergency Manager

MACON COUNTY --- DECATUR [39.85, -88.95]

08/26/14 18:45 CST		35K	Thunderstorm Wind (EG 52 kt)
08/26/14 19:00 CST		0	Source: Newspaper

Several trees and power lines were blown down across Decatur.

CHRISTIAN COUNTY --- STONINGTON [39.63, -89.20]

08/26/14 19:11 CST		0	Hail (1.00 in)
08/26/14 19:12 CST		0	Source: Trained Spotter

CHRISTIAN COUNTY --- TAYLORVILLE [39.55, -89.30]

08/26/14 20:00 CST		15K	Thunderstorm Wind (EG 52 kt)
08/26/14 20:10 CST		0	Source: Newspaper

Several tree branches were blown down in Taylorville, including one that temporarily blocked Route 29 just northwest of town.

MACON COUNTY --- 3.2 SW WARRENSBURG [39.90, -89.11], 0.9 NNE SANGAMON [39.89, -88.82], 1.6 E HERVEY CITY [39.75, -88.82], 0.5 W MACON [39.70, -89.01], 2.4 WNW BLACKLAND [39.78, -89.14], 1.4 ESE NIAHTIC [39.85, -89.14]

08/26/14 20:00 CST		20M	Flash Flood (due to Heavy Rain)
08/26/14 23:00 CST		0	Source: Law Enforcement

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A severe thunderstorm produced 2.00 to 3.00" of rain within one hour in parts of central Macon County, including the cities of Decatur and Mt. Zion. The flash flooding resulted in the closure of numerous streets and viaducts in Decatur, as well as basement flooding to numerous homes and businesses. The flash flooding also impacted several rural roads from Harristown through Decatur to Mt. Zion. The flooding subsided by late evening.

CHRISTIAN COUNTY --- 3.1 NE OSBERNVILLE [39.78, -89.14], 0.1 WNW TAYLORVILLE [39.55, -89.30], 2.0 SSW TOVEY [39.55, -89.46], 4.2 W EDINBURG [39.64, -89.46], 0.8 E MT AUBURN [39.77, -89.26], 4.4 N OSBERNVILLE [39.81, -89.18]

08/26/14 20:30 CST	4.40M	Flash Flood (due to Heavy Rain)
08/27/14 00:00 CST	0	Source: Emergency Manager

A severe thunderstorm produced 2.50 to 4.00" of rain within 90 minutes in northwest and central Christian County, including parts of the city of Taylorville. Most rural roads from Taylorville to Edinburg and Kincaid were impassable. Some city streets and basements in homes in northwestern portions of Taylorville were also flooded. Illinois Routes 29 and 104 from Taylorville to Kincaid were closed for a period of time during the late evening. The flooding subsided by Midnight local time.

An approaching cold front triggered strong to severe thunderstorms across portions of central Illinois during the late afternoon and evening of August 26th. Hail up to the size of quarters was reported in a few locations, while gusty winds of around 60 mph downed trees in Macon and Edgar counties. In addition, high rainfall rates with the strongest storms led to localized flash flooding, particularly across portions of Macon, Christian, and DeWitt counties. Rainfall amounts in these areas generally ranged from 1.50 to 2.50, with the highest observed total of 3.94 being measured by an observer near Kincaid in Christian County.

LOGAN COUNTY --- 1.5 NW MIDDLETOWN [40.11, -89.60], 0.0 NNW NEW HOLLAND [40.18, -89.58], 1.9 NNW LINCOLN [40.18, -89.38], 0.4 WSW FOGARTY [40.08, -89.44], 5.3 W ELKHART [40.01, -89.58], 0.5 S MIDDLETOWN [40.09, -89.58], 1.2 WSW MIDDLETOWN [40.09, -89.60]

08/28/14 20:00 CST	0	Flash Flood (due to Heavy Rain)
08/28/14 22:30 CST	0	Source: Emergency Manager

A slow moving thunderstorm produced 2.50 to 4.00 inches of rain in less than two hours across southwest Logan County and western parts of the city of Lincoln. Most rural roads were impassable between New Holland, Lincoln and Middletown. State Route 10 west of Lincoln was closed for a short period of time, and streets in the western half of Lincoln were inundated. The flooding quickly subsided in less than three hours.

MENARD COUNTY --- 3.8 ESE HUBLEY [40.11, -89.60], 4.4 SE HUBLEY [40.09, -89.60], 5.5 ESE HUBLEY [40.09, -89.58], 1.3 ENE FANCY PRAIRIE [40.01, -89.58], 3.1 NW FANCY PRAIRIE [40.04, -89.63], 2.4 SSE HUBLEY [40.10, -89.65]

08/28/14 20:00 CST	0	Flash Flood (due to Heavy Rain)
08/28/14 22:30 CST	0	Source: Emergency Manager

A slow moving thunderstorm produced 2.50 to 4.00 inches of rain in less than two hours across a small part of rural, northeast Menard County. Most rural roads were impassable between Sweetwater and Middletown. The flooding quickly subsided in less than three hours.

SANGAMON COUNTY --- 1.6 W (SPI)SPRINGFIELD ARP [39.85, -89.71], 0.9 SW DAWSON [39.84, -89.48], 0.4 WSW DERRY FARM [39.77, -89.51], 0.6 NNW SOUTHLAWN [39.76, -89.60], 2.2 N BEAMINGTON [39.70, -89.60], 2.3 SSW TORONTO [39.70, -89.65], 2.0 W JEROME [39.75, -89.74]

08/28/14 20:30 CST	11.50M	Flash Flood (due to Heavy Rain)
08/28/14 23:00 CST	0	Source: Emergency Manager

Heavy rainfall amounts of 2.50 to 5.10 inches fell on the Springfield Metro area in less than two hours during the evening of August 28th. Multiple viaducts were flooded in Springfield, streets were inundated with water at least 2 feet deep, vehicles were stranded and parts of Interstates 72 and 55 were closed. Nearly 250 water rescues were performed by the Springfield Fire Department for stranded motorists. No injuries were reported.

SANGAMON COUNTY --- 2.4 N LANESVILLE [39.88, -89.35], 5.7 ESE LANESVILLE [39.83, -89.25], 5.2 SSE LANESVILLE [39.78, -89.30], 0.4 WSW LANESVILLE [39.85, -89.36]

08/28/14 21:00 CST	0	Flash Flood (due to Heavy Rain)
08/29/14 00:00 CST	0	Source: Emergency Manager

A slow moving thunderstorm produced 2.50 to 4.00 inches of rain in less than two hours across a small part of rural, eastern Sangamon County. Most rural roads were impassable between Illiopolis and Mechanicsburg. Parts of I-72 between mileposts 117 and 120 had standing water and lane closures. The flooding quickly subsided by Midnight local time.

CHRISTIAN COUNTY --- 1.9 WNW MT AUBURN [39.78, -89.30], 1.7 S ILLIOPOLIS [39.83, -89.25], 2.7 N TAYLORVILLE [39.59, -89.30], 2.7 W EDINBURG [39.66, -89.43]

08/28/14 21:30 CST	0	Flash Flood (due to Heavy Rain)
08/29/14 00:30 CST	0	Source: Emergency Manager

A slow moving thunderstorm produced 2.50 to 4.00 inches of rain in less than two hours across a small part of northwest Christian County. Most rural roads were impassable between Edinburg and Mt. Auburn. This was the second time within three days that flash flooding was reported in northwest Christian County. The flooding quickly subsided shortly after Midnight local time.

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SANGAMON COUNTY --- 1.6 W (SPI)SPRINGFIELD ARP [39.85, -89.71], 0.9 SW DAWSON [39.84, -89.48], 0.4 WSW DERRY FARM [39.77, -89.51], 0.6 NNW SOUTHLAWN [39.76, -89.60], 2.2 N BEAMINGTON [39.70, -89.60], 2.3 SSW TORONTO [39.70, -89.65], 2.0 W JEROME [39.75, -89.74]				
	08/28/14 23:00 CST		0	Flood (due to Heavy Rain)
	08/29/14 04:30 CST		0	Source: Emergency Manager

Heavy rainfall amounts of 2.50 to 5.10 inches fell on the Springfield Metro area in less than two hours during the evening of August 28th. Multiple viaducts were flooded in Springfield, streets were inundated with water at least 2 feet deep, vehicles were stranded and parts of Interstates 72 and 55 were closed. Nearly 250 water rescues were performed by the Springfield Fire Department for stranded motorists. No injuries were reported. The rainfall ended prior to 10:30 pm LST, but the flooding in the city of Springfield lingered until 4:30 am LST due to the amount of rainfall and an overload of water on the city sewer system.

Isolated thunderstorms developed along a warm front during the evening of August 28th. Due to the slow-movement of the storms and copious amounts of moisture contained within the atmosphere, very high rainfall rates occurred. Rainfall totals across portions of Sangamon, Logan, and Menard counties generally ranged from 2 to 4 inches, with the highest amount of 5.10 being reported on the southeast side of Springfield. As a result of this rainfall over a short amount of time, widespread flash flooding was reported. Over 200 water rescues were performed in Springfield.