

Storm Data and Unusual Weather Phenomena - August 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
WINNEBAGO COUNTY --- WINNEBAGO [42.27, -89.23]				
	08/04/16 20:24 CST	0		Thunderstorm Wind (EG 56 kt)
	08/04/16 20:24 CST	0		Source: Trained Spotter
Estimated winds of 60-65 mph.				
OGLE COUNTY --- BYRON [42.13, -89.25]				
	08/04/16 20:30 CST	0		Thunderstorm Wind (EG 56 kt)
	08/04/16 20:30 CST	0		Source: Public
Large tree reported blocking part of roadway on Illinois Route 2 near Byron. Time estimated from radar.				
BOONE COUNTY --- BELVIDERE [42.25, -88.85]				
	08/04/16 20:55 CST	0		Thunderstorm Wind (EG 52 kt)
	08/04/16 20:55 CST	0		Source: Broadcast Media
Branches and small trees downed on Newburg Rd. Report relayed via WTVO Rockford.				
Showers and thunderstorms developed across northern Illinois during the evening hours. Some of the storms contained wind gusts in excess of 60 mph.				
COOK COUNTY --- 0.2 NE CICERO [41.83, -87.73]				
	08/09/16 14:48 CST	0		Tornado (EF0, L: 0.01 mi , W: 10 yd)
	08/09/16 14:58 CST	0		Source: Other Federal Agency
FAA contract observer for Midway Airport spotted a landspout tornado that formed on the lake breeze.				
A landspout tornado (or more simply, a landspout) formed on a lake breeze boundary on the afternoon of August 9th just prior to 4pm CDT. This landspout was observed by the FAA contract observer on duty at Midway Airport. The tornado was estimated to have begun at 3:48 PM CDT and dissipated at 3:58 PM CDT. This was the first tornado within the city limits of Chicago since a brief F-0 on the campus of Loyola University on September 22, 2006.				
LA SALLE COUNTY --- STREATOR [41.12, -88.83], 0.6 E STREATOR [41.12, -88.82], 0.8 SE STREATOR [41.11, -88.82], 0.6 S STREATOR [41.11, -88.83]				
	08/12/16 16:30 CST	0		Flash Flood (due to Heavy Rain)
	08/12/16 22:15 CST	0		Source: Trained Spotter
Six to seven inches of flowing water following the peak of rainfall between 4 and 6 pm. Currently many roads in town with 2-3 inches of standing water at 6:30 pm.				
After morning storms across northern Illinois, late afternoon to evening storms produce 2" to 5" along and just north of the I-55 corridor.				
LIVINGSTON COUNTY --- 0.8 WNW PONTIAC [40.87, -88.63], 0.7 WNW PONTIAC [40.87, -88.63], 0.7 WNW PONTIAC [40.87, -88.63], 0.8 WNW PONTIAC [40.87, -88.63]				
	08/15/16 15:40 CST	0		Flood (due to Heavy Rain)
	08/15/16 17:30 CST	0		Source: Trained Spotter
Heavy rain caused road closures at Moulton and Court St in Pontiac, IL.				
IROQUOIS COUNTY --- 5.0 E ASHKUM [40.88, -87.85], 2.2 SE L ERABLE [40.88, -87.82], 2.6 SSE L ERABLE [40.87, -87.82], 2.0 S L ERABLE [40.87, -87.85]				
	08/15/16 16:00 CST	0		Flood (due to Heavy Rain)
	08/15/16 20:00 CST	0		Source: CoCoRaHS
Minor flooding was reported with roads with 2 to 3 inches of rain falling.				
Heavy rainfall of up to 3" to 5" in east central Illinois and northwest Indiana caused minor flooding.				
LEE COUNTY --- 0.5 NNE DIXON [41.84, -89.48], 0.7 NNW DIXON [41.84, -89.49], 1.1 NW SWISSVILLE [41.86, -89.50], 0.9 NW SWISSVILLE [41.86, -89.49]				

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	08/18/16 02:14 CST		0	Flash Flood (due to Heavy Rain)
	08/18/16 08:15 CST		0	Source: Emergency Manager
Route 26 and Route 52 closed due to water up to 2 feet deep. Businesses nearby flooded. Numerous streets across Dixon flooded. Three to five inches of rain fell. Lowell Park Road was closed due to flooding. Many ditches filled with water.				
COOK COUNTY --- 0.6 SE NORTHFIELD [42.09, -87.76], 0.3 SSE NORTHFIELD [42.10, -87.77], 0.6 SSE NORTHFIELD [42.09, -87.76], 0.7 SE NORTHFIELD [42.09, -87.76]				
	08/18/16 05:40 CST		0	Flash Flood (due to Heavy Rain)
	08/18/16 08:15 CST		0	Source: Broadcast Media
Both directions of Edens Expressway closed due to flooding at Winnetka Road.				
Dixon, Illinois area saw 3" to over 5" of rain in the early morning hours. Rains across northeast Illinois closed portions of the Edens Expressway.				
IROQUOIS COUNTY --- 5.0 W PAPINEAU [40.97, -87.82], 4.8 W PAPINEAU [40.97, -87.81], 4.7 W PAPINEAU [40.97, -87.81], 5.0 NNE L ERABLE [40.97, -87.82]				
	08/18/16 16:30 CST		0	Flash Flood (due to Heavy Rain)
	08/18/16 20:15 CST		0	Source: Public
Area creeks over their banks including Langan Creek near the mouth to the Iroquois River.				
LIVINGSTON COUNTY --- 5.0 S CHATSWORTH [40.68, -88.28]				
	08/18/16 17:48 CST		0	Thunderstorm Wind (EG 50 kt)
	08/18/16 17:53 CST		0	Source: COOP Observer
Large branches downed with 1.37 inches of rain in 15 minutes.				
Parts of east central Illinois and northwest Indiana see 2" to 4" of rain and gusty winds.				
LIVINGSTON COUNTY --- 2.3 NNW ODELL [41.03, -88.54]				
	08/28/16 13:00 CST		1K	Lightning
	08/28/16 13:00 CST		0	Source: Law Enforcement
Car struck by lightning on I-55 at mile marker 210.				
WILL COUNTY --- GODLEY [41.23, -88.25], 0.5 NNE GODLEY [41.24, -88.25], 0.7 ENE GODLEY [41.23, -88.24], 0.3 E GODLEY [41.23, -88.24]				
	08/28/16 13:30 CST		1K	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		0	Source: Public
Water at least one foot deep on multiple roads. Time estimated per radar.				
GRUNDY COUNTY --- BRACEVILLE [41.23, -88.27], 0.7 E BRACEVILLE [41.23, -88.26], 0.7 SE BRACEVILLE [41.22, -88.26], 0.4 SSW BRACEVILLE [41.22, -88.27]				
	08/28/16 13:50 CST		25K	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		0	Source: Public
At intersection of Railroad and McNeil St, water is 2 to 3 feet deep. Estimated 4.50" of rain fell in 90 minutes. Many roads in town are flooded, some significantly.				
GRUNDY COUNTY --- 3.0 N GARDNER [41.22, -88.32], 1.1 W MAZONIA [41.22, -88.30], 1.1 WSW MAZONIA [41.21, -88.30], 1.9 WSW MAZONIA [41.21, -88.32]				
	08/28/16 14:00 CST		5K	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		0	Source: Public
Water running over roadways that typically do not flood. Estimated rainfall of over four inches in over an hour.				
GRUNDY COUNTY --- VERONA [41.22, -88.50], 0.5 E VERONA [41.22, -88.49], 0.5 ESE VERONA [41.22, -88.49], 0.3 S VERONA [41.22, -88.50]				
	08/28/16 14:30 CST		5K	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		0	Source: Public

Flooded yards and ditches.

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LIVINGSTON COUNTY --- 0.5 NNW ODELL [41.01, -88.52], 0.2 NNE ODELL [41.00, -88.52], 0.1 WNW ODELL [41.00, -88.52], 0.4 WNW ODELL [41.00, -88.53]				
	08/28/16 14:30 CST		10K	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		0	Source: Public

Some roads with water on them and many yards and houses flooded. Time estimated per radar.

Thunderstorms developed during the late morning and early afternoon across a zone just south of I-80 in northern Illinois and northwest Indiana and persisted for several hours. An extremely moist environment set the stage for very heavy rainfall rates. In addition, storms were moving slow and training over the same areas. This brought about flash flooding due to rainfall amounts estimated at three plus inches, and possibly near six, in some locations. The hardest hit communities were Braceville and Odell in northern Illinois, and in Indiana near the town of Hebron experienced very heavy rainfall.

LEE COUNTY --- 3.1 ESE HARMON [41.71, -89.49], 2.6 ESE HARMON [41.71, -89.50], 3.5 SE HARMON [41.69, -89.50], 3.7 SE HARMON [41.69, -89.49]				
	08/29/16 14:30 CST		2K	Flash Flood (due to Heavy Rain)
	08/29/16 17:45 CST		0	Source: Trained Spotter

A foot of water moving across Pump Factory Rd between Amboy Rd and McCoy Rd approximately 10 miles south of Dixon.

DU PAGE COUNTY --- 0.4 NNW ROSELLE [41.99, -88.08], 0.6 NNW ROSELLE [41.99, -88.08], 1.4 NW ROSELLE [41.99, -88.10], 1.3 WNW ROSELLE [41.99, -88.10]				
	08/29/16 14:50 CST		1K	Flash Flood (due to Heavy Rain)
	08/29/16 20:00 CST		0	Source: Storm Chaser

Irving Park Rd, which is Rt. 19, closed due to flooding. Part of the Rt. 390 frontage road near Irving Park Rd and Wright Boulevard with up to 1 foot of water covering it.

BOONE COUNTY --- 1.0 S BELVIDERE [42.24, -88.85], 0.5 S BELVIDERE [42.24, -88.85], 0.8 SE BELVIDERE [42.24, -88.84], 1.2 SSE BELVIDERE [42.23, -88.84]				
	08/29/16 16:40 CST		2K	Flash Flood (due to Heavy Rain)
	08/29/16 22:00 CST		0	Source: Public

Car stalled in deep water and other flooded roads around town.

Scattered thunderstorms once again developed across northern Illinois on Monday, August 29th, bringing isolated very heavy rainfall amounts due to a moist atmosphere and slow storm motion. The locations hardest hit include along the I-90 corridor from Cherry Valley into the northwest Chicago metro, as well as some locations in Lee County near Amboy, and LaSalle County in and near Mendota and Triumph.

LA SALLE COUNTY --- TRIUMPH [41.50, -89.02], 0.1 WNW TRIUMPH [41.50, -89.02], 0.2 WSW TRIUMPH [41.50, -89.02], 0.1 S TRIUMPH [41.50, -89.02]				
	08/30/16 03:50 CST		2K	Flood (due to Heavy Rain)
	08/30/16 10:00 CST		0	Source: Broadcast Media

Standing water across approximately one third of the towns roads.

Several waves of showers and thunderstorms are expected as a series of shortwave disturbances move through the region. These thunderstorms produced locally heavy rainfall with gusty winds.

INDIANA, Northwest

LAKE COUNTY --- LOWELL [41.28, -87.42], 0.2 ENE LOWELL [41.28, -87.42], 0.3 E LOWELL [41.28, -87.42], 0.1 ESE LOWELL [41.28, -87.42]				
	08/15/16 18:30 CST		0	Flood (due to Heavy Rain)
	08/15/16 23:45 CST		0	Source: Public

Three to four inches of rain brought standing water over neighborhood roads in Lowell.

PORTER COUNTY --- 0.5 ESE VALPARAISO [41.47, -87.04], 0.6 ESE VALPARAISO [41.47, -87.04], 0.6 ESE VALPARAISO [41.47, -87.04], 0.5 ESE VALPARAISO [41.47, -87.04]				
	08/15/16 19:30 CST		0	Flood (due to Heavy Rain)
	08/15/16 23:45 CST		0	Source: CoCoRaHS

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Standing water over Route 2 one mile east of Valparaiso.				
Heavy rainfall of up to 3" to 5" in east central Illinois and northwest Indiana caused minor flooding.				
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PORTER COUNTY --- 6.0 ESE CHESTERTON [41.57, -86.94]				
	08/18/16 07:58 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/16 07:58 CST		0	Source: Public
A willow tree approximately 40 ft was uprooted, and a 10-12 feet pear tree snapped and corn was flattened. Time estimated based on radar.				
Strong to severe thunderstorms move across northwest Indiana producing gusty winds.				
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PORTER COUNTY --- 2.9 SE HEBRON [41.29, -87.16], 3.0 SE HEBRON [41.29, -87.16], 3.0 SE HEBRON [41.29, -87.16], 2.9 SE HEBRON [41.29, -87.16]				
	08/28/16 13:15 CST		1K	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		0	Source: Law Enforcement
Water over 500W 1000S to the point where the road was closed. Time estimated per radar.				
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LAKE COUNTY --- 0.5 E RANGE LINE [41.27, -87.27], 0.2 W RANGE LINE [41.27, -87.28], 0.4 SSW RANGE LINE [41.27, -87.28], 0.5 ESE RANGE LINE [41.27, -87.27]				
	08/28/16 14:15 CST		0	Flash Flood (due to Heavy Rain)
	08/28/16 18:30 CST		5K	Source: Public
Flooded fields.				
Thunderstorms developed during the late morning and early afternoon across a zone just south of I-80 in northern Illinois and northwest Indiana and persisted for several hours. An extremely moist environment set the stage for very heavy rainfall rates. In addition, storms were moving slow and training over the same areas. This brought about flash flooding due to rainfall amounts estimated at three plus inches, and possibly near six, in some locations. The hardest hit communities were near Hebron in Indiana.				
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LAKE MICHIGAN				
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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.5 N BURNS HARBOR [41.70, -87.16]				
	08/06/16 10:35 CST		0	Waterspout
	08/06/16 10:45 CST		0	Source: Park/Forest Service
Another funnel cloud approximately 2 miles offshore had already dissipated.				
Waterspouts were reported on Lake Michigan offshore of Indiana Dunes State Park.				
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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	08/12/16 10:26 CST		0	Marine Thunderstorm Wind (MG 56 kt)
	08/12/16 10:30 CST		0	Source: C-MAN Station
Wind gusts greater than 40 knots from 1126 to 1130 CDT. Peak gust of 56 knots at 1128 CDT.				
Thunderstorms moved across Lake Michigan in the morning producing gusty winds.				