

## Storm Data and Unusual Weather Phenomena - August 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northeast</b>				
<b>FORD COUNTY --- 0.4 E PAXTON [40.46, -88.09], 1.9 E PAXTON [40.46, -88.06], 1.9 E PAXTON [40.46, -88.06], 0.4 ESE PAXTON [40.46, -88.09]</b>				
	08/05/23 13:00 CST		0	Flash Flood (due to Heavy Rain)
	08/05/23 15:00 CST		0	Source: Law Enforcement
Several portions of Route 9 were closed east of Paxton due to flooding. Winter Street was blockaded. A photo shared on social media showed a rain gauge near Paxton with a storm total of 6.50 inches of rain.				
<b>IROQUOIS COUNTY --- 0.3 NNE MILFORD [40.63, -87.70], 0.9 NNE MILFORD [40.64, -87.70], 0.9 NNE MILFORD [40.64, -87.69], 0.4 NE MILFORD [40.63, -87.70]</b>				
	08/05/23 13:00 CST		0	Flash Flood (due to Heavy Rain)
	08/05/23 15:00 CST		0	Source: Law Enforcement
A viaduct along Route 1 north of Milford was closed and impassible due to flooding.				
<b>Very heavy rain fell across portions of east central Illinois on August 5th which resulted in areas of flash flooding. The highest storm total rainfall amounts included 6.50 inches in Paxton and two miles west northwest of Loda; 6.34 inches two miles east of Claytonville; 6.28 inches four miles east northeast of Buckley; 6.00 inches one mile east of Loda; 5.97 inches in Buckley; 5.79 inches one mile west of Woodworth; 5.34 inches two miles east southeast of Buckley; 4.26 inches three miles east northeast of Milford; 4.14 inches near Chatsworth and 4.10 inches near Clifton.</b>				
<b>BOONE COUNTY --- 1.4 N CANDLEWICK LAKE [42.37, -88.86]</b>				
	08/11/23 22:27 CST		0	Thunderstorm Wind (EG 55 kt)
	08/11/23 22:27 CST		0	Source: Public
Several trees were blown down along the Long Prairie Trail.				
<b>BOONE COUNTY --- POPLAR GROVE [42.37, -88.83]</b>				
	08/11/23 22:28 CST		0	Thunderstorm Wind (EG 50 kt)
	08/11/23 22:28 CST		0	Source: Social Media
A photo shared on social media showed half of a small tree snapped.				
<b>MCHENRY COUNTY --- MARENGO [42.25, -88.60]</b>				
	08/11/23 22:42 CST		0	Thunderstorm Wind (EG 60 kt)
	08/11/23 22:42 CST		0	Source: Public
A large sign at an auction house was blown down. Roof and awning damage occurred to at least two buildings.				
<b>MCHENRY COUNTY --- UNION [42.23, -88.53]</b>				
	08/11/23 22:46 CST		0	Thunderstorm Wind (EG 50 kt)
	08/11/23 22:46 CST		0	Source: Social Media
A photo shared on social media showed damage to the exterior fascia of the roof of a house. Small tree limbs were also blown down.				
<b>MCHENRY COUNTY --- 2.1 WSW RIDGEFIELD [42.26, -88.40]</b>				
	08/11/23 22:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/11/23 22:50 CST		0	Source: Public
A tree was blown down on Doty Road at Lucus Road.				
<b>LAKE COUNTY --- ANTIOCH [42.48, -88.10]</b>				
	08/11/23 23:05 CST		0	Thunderstorm Wind (EG 50 kt)
	08/11/23 23:05 CST		0	Source: Public
Two trees and a fence were blown down at a residence.				
<b>An area of thunderstorms moved across far northern Illinois during the late evening of August 11th into the early morning of August 12th producing scattered wind damage.</b>				
<b>LEE COUNTY --- 2.3 WSW MAYTOWN [41.62, -89.41], 2.0 WSW MAYTOWN [41.62, -89.41]</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/14/23 15:22 CST		0	Tornado (EFU, L: 0.30 mi , W: 10 yd)
	08/14/23 15:23 CST		0	Source: Trained Spotter

A brief landspout tornado touched down in a field southwest of Amboy , causing no known damage. Video evidence showed a funnel cloud more than half way from the cloud base to the ground just southeast of the intersection of Maytown Road and Downey Road. A review of satellite imagery from two days later indicated a likely short path in a field coincident with the location depicted in the video.

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### LA SALLE COUNTY --- 1.5 SSE PETERSTOWN [41.48, -89.14]

08/14/23 15:49 CST	0	Funnel Cloud
08/14/23 15:49 CST	0	Source: Public

A funnel cloud was reported northwest of Troy Grove.

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### LA SALLE COUNTY --- MENDOTA [41.55, -89.12]

08/14/23 15:52 CST	0	Funnel Cloud
08/14/23 15:52 CST	0	Source: Social Media

A photo of a funnel cloud in Mendota was shared on social media.

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### COOK COUNTY --- 0.3 SSE GARFIELD PARK [41.88, -87.72], 0.6 NE NEAR WEST SIDE [41.88, -87.66], 0.5 ENE MCKINLEY PARK [41.83, -87.66], 0.7 SW LITTLE VILLAGE [41.83, -87.72]

08/14/23 17:19 CST	0	Flash Flood (due to Heavy Rain)
08/14/23 19:00 CST	0	Source: Broadcast Media

Heavy rain caused flash flooding in parts of Chicago. The viaduct on the 31st Street exit from northbound Interstate 55 was flooded with a car stalled in the flood water. High water was reported on Interstate 55 between Damen Avenue and Ashland Avenue. A viaduct was flooded with cars stuck in the flood waters near North Lawndale. A video showed flooded viaducts on Ogden Avenue just west of Western Avenue . Water was several feet deep with a couple of cars in the flood waters.

Scattered thunderstorms moved across northern Illinois during the afternoon and evening of August 14th producing a weak landspout tornado and a few funnel clouds. Heavy rain caused localized flash flooding in parts of Chicago.

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### (IL-Z103) NORTHERN COOK COUNTY

08/15/23 01:00 CST	1	0	Rip Current
08/15/23 01:00 CST		0	

Direct Fatalities: M19IW

In the early morning of August 15th, three young men jumped into Lake Michigan near Elder Lane Park Beach in Winnetka. The nearby Wilmette buoy was reporting waves 5 to 8 feet with northeast winds gusting to 30 mph. Two of the men were able to pull themselves out of the water. A third man, who was 19 years old never resurfaced. His body was found two days later.

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### WINNEBAGO COUNTY --- 0.9 NW SOUTH BELOIT [42.49, -89.04]

08/17/23 04:26 CST	0	Hail (1.00 in)
08/17/23 04:27 CST	0	Source: Broadcast Media

Scattered thunderstorms moved across far northern Illinois during the early morning of August 17th producing isolated large hail.

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### (IL-Z003) WINNEBAGO, (IL-Z004) BOONE, (IL-Z005) MCHENRY, (IL-Z006) LAKE, (IL-Z008) OGLE, (IL-Z010) LEE, (IL-Z011) DE KALB, (IL-Z012) KANE, (IL-Z013) DU PAGE, (IL-Z019) LA SALLE, (IL-Z020) KENDALL, (IL-Z021) GRUNDY, (IL-Z023) KANKAKEE, (IL-Z032) LIVINGSTON, (IL-Z033) IROQUOIS, (IL-Z039) FORD, (IL-Z103) NORTHERN COOK COUNTY, (IL-Z104) CENTRAL COOK COUNTY, (IL-Z105) SOUTHERN COOK COUNTY, (IL-Z106) NORTHERN WILL COUNTY, (IL-Z107) SOUTHERN WILL COUNTY, (IL-Z108) EASTERN WILL COUNTY

08/23/23 09:00 CST	0	Excessive Heat
08/24/23 20:00 CST	0	

High temperatures reached the middle to upper 90s on August 23rd. Dewpoints were in the upper 70s to lower 80s producing heat index values in the 115 to 120 degree range during the afternoon. Chicago O'Hare Airport set a new daily record high of 98 degrees on August 23rd and also measured a dewpoint of 80 degrees. This was only the seventh calendar day since records began that Chicago measured a dewpoint of 80 degrees. Rockford Airport reached 97 degrees with a peak heat index of 116 degrees, neither were new records.

High temperatures ranged from the middle 90s to 100 degrees on August 24th. Dewpoints were again in the upper 70s to lower 80s

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producing heat index values in the 115 to 120 degree range during the afternoon. Chicago O'Hare Airport tied their daily record high of 100 degrees. The highest measured dewpoint was 79 degrees. The peak heat index value was 120 degrees, which is the highest measured heat index value in Chicago since records began. Rockford Airport reached 97 degrees with a peak heat index of 118 degrees, neither were new records.

### INDIANA, Northwest

BENTON COUNTY --- 0.3 ENE CHASE [40.52, -87.34], 1.8 E CHASE [40.52, -87.31], 1.8 E CHASE [40.52, -87.31], 0.3 SE CHASE [40.52, -87.34]	08/05/23 16:00 EST	0	0	Flood (due to Heavy Rain)
	08/05/23 17:30 EST	0	0	Source: Social Media

Video shared on social media showed a few inches of water over Route 352 just east of Chase and Boswell.

Very heavy rain fell across portions of northwest Indiana on August 5th which resulted in areas of flooding. The highest storm total rainfall amounts included 4.58 inches near Mount Ayr; 4.51 inches five miles northwest of Earl Park; 4.03 inches two miles southwest of Rensselaer; 3.24 inches near Remington and 3.07 inches four miles west of Wheatfield.

(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON	08/23/23 11:00 CST	0	0	Excessive Heat
	08/24/23 19:00 CST	0	0	

(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON	08/23/23 15:00 EST	0	0	Excessive Heat
	08/24/23 20:00 EST	0	0	

High temperatures reached the middle 90s on August 23rd and 24th. Dewpoints were in the upper 70s to lower 80s both days, which allowed the heat index values to reach the 110 to 120 degree range both afternoons.

### LAKE MICHIGAN

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]	08/11/23 23:40 CST	0	0	Marine Thunderstorm Wind (MG 52 kt)
	08/11/23 23:56 CST	0	0	Source: C-MAN Station

Winds gusted above 34 knots for 16 minutes with a peak gust to 52 knots.

Scattered thunderstorms moved across portions of southern Lake Michigan during the late evening of August 11th and the early morning of August 12th.

WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 1.1 E WINTHROP HARBOR [42.49, -87.78]	08/24/23 17:40 CST	0	0	Marine Thunderstorm Wind (MG 35 kt)
	08/24/23 17:50 CST	0	0	Source: Buoy

Scattered thunderstorms moved across portions of southern Lake Michigan during the evening of August 24th.