

Storm Data and Unusual Weather Phenomena - September 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
(IL-Z003) WINNEBAGO, (IL-Z004) BOONE, (IL-Z005) MCHENRY				
	09/01/23 00:00 CST		0	Drought
	09/30/23 23:59 CST		0	
<p>Severe drought conditions developed across northwest Illinois including the Rockford area in early September. A small area of extreme drought conditions developed near the Illinois and Wisconsin state line. For the month of September, Rockford Airport measured 2.19 inches of rain which was 1.43 inches below normal.</p>				
DU PAGE COUNTY --- 1.3 W NAPERVILLE [41.77, -88.17]				
	09/06/23 03:25 CST		0	Thunderstorm Wind (EG 50 kt)
	09/06/23 03:25 CST		0	Source: NWS Employee
<p>Small to medium size tree limbs were blown down west of downtown Naperville, including near Aurora Road and River Road.</p>				
DU PAGE COUNTY --- 0.7 S NAPERVILLE [41.76, -88.15]				
	09/06/23 03:26 CST		0	Thunderstorm Wind (EG 55 kt)
	09/06/23 03:26 CST		0	Source: Social Media
<p>A photo shared on social media showed a snapped tree near a hospital. Other tree damage was observed nearby.</p>				
DU PAGE COUNTY --- 1.6 E NAPERVILLE [41.77, -88.12]				
	09/06/23 03:28 CST		0	Thunderstorm Wind (EG 50 kt)
	09/06/23 03:28 CST		0	Source: Social Media
<p>Small to medium size tree limbs were blown down.</p>				
COOK COUNTY --- 2.1 SE ORLAND PARK [41.61, -87.82]				
	09/06/23 04:58 CST		0	Thunderstorm Wind (MG 52 kt)
	09/06/23 04:58 CST		0	Source: Mesonet
<p>A wind gust to 60 mph was measured.</p>				
COOK COUNTY --- 4.5 WSW MATTESON [41.47, -87.79], 0.7 E STEGER [41.47, -87.62], 1.3 NNE CHICAGO HEIGHTS [41.52, -87.62], 3.7 S TINLEY PARK [41.52, -87.79]				
	09/06/23 05:35 CST		0	Flash Flood (due to Heavy Rain)
	09/06/23 08:30 CST		0	Source: Broadcast Media
<p>Numerous viaducts and underpasses were flooded across the southern suburbs of Chicago. Rainfall amounts included 2.99 inches in Park Forest and 2.90 inches in Peotone.</p>				
<p>Scattered thunderstorms moved across parts of northern Illinois during the morning of September 6th producing heavy rain, localized flooding and localized wind damage.</p>				
COOK COUNTY --- 0.1 E WEST TOWN [41.89, -87.67], 0.2 E WEST TOWN [41.89, -87.67], 0.3 SSE WEST TOWN [41.89, -87.67], 0.3 SSE WEST TOWN [41.89, -87.67]				
	09/17/23 07:41 CST		0	Flash Flood (due to Heavy Rain)
	09/17/23 10:00 CST		0	Source: Social Media
<p>A viaduct was flooded on Ashland Avenue between Hubbard Street and Lake Street with a report of a car under water.</p>				
COOK COUNTY --- 1.4 ESE HEGEWISCH [41.65, -87.52], 1.1 NE LANSING [41.57, -87.53], 0.9 NNW MATTESON [41.51, -87.71], 0.5 NNW ROBBINS [41.65, -87.71], 1.9 SE WEST ROSELAND [41.67, -87.61], 0.8 NNW HEGEWISCH [41.67, -87.55]				
	09/17/23 09:00 CST		50M	Flash Flood (due to Heavy Rain)
	09/17/23 16:00 CST		0	Source: Broadcast Media

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>Heavy rain caused significant flooding and flash flooding across portions of southeast Cook County. Hundreds of roads were flooded and numerous cars were stranded in the flood waters. Some of the worst flooding occurred in and around Calumet City and Dolton where hundreds of houses and buildings were surrounded by flood waters and some streets were littered with abandoned cars. Water rescues were reported but resulted in no injuries. Hundreds of basements were flooded in Calumet City and at least 30 basements were flooded in South Holland. While the highest measured rainfall report was 5.69 inches one mile north northeast of South Holland, radar estimated rainfall showed possibly 8 to 9 inches fell across Calumet City. Other rainfall reports included 5.04 inches one mile southwest of Harvey; 4.72 inches one mile east southeast of Markham; 4.47 inches one mile southeast of Midlothian; 4.26 inches one mile south of Oak Forest and 4.14 inches in Phoenix.</p>				

COOK COUNTY --- 1.4 ESE HEGEWISCH [41.65, -87.52], 1.1 NE LANSING [41.57, -87.53], 0.9 NNW MATTESON [41.51, -87.71], 0.5 NNW ROBBINS [41.65, -87.71], 1.9 SE WEST ROSELAND [41.67, -87.61], 0.8 NNW HEGEWISCH [41.67, -87.55]	09/17/23 16:00 CST	0		Flood (due to Heavy Rain)
	09/18/23 11:00 CST	0		Source: Broadcast Media

After heavy rain and flash flooding across parts of southeast Cook County on September 17th, flooding continued through the morning of September 18th.

Heavy rain fall across parts of northeast Illinois on September 17th producing flash flooding in parts of Cook County.

COOK COUNTY --- 0.6 SE PILSEN [41.84, -87.65], 1.2 SSW NORTHERLY ISLAND [41.84, -87.62], 0.6 NNE BRONZEVILLE [41.83, -87.62], 0.2 WSW BRIDGEPORT [41.83, -87.65]	09/26/23 08:55 CST	0		Flood (due to Heavy Rain)
	09/26/23 10:30 CST	0		Source: Public

Street flooding was reported in the Armour Square, Bridgeport and Douglas neighborhoods of Chicago.

COOK COUNTY --- 0.6 NNW GREATER GRAND CROSSING [41.78, -87.63], 0.6 NNW GREATER GRAND CROSSING [41.78, -87.62], 0.6 NNW GREATER GRAND CROSSING [41.78, -87.62], 0.6 NNW GREATER GRAND CROSSING [41.78, -87.62]	09/26/23 08:57 CST	0		Flood (due to Heavy Rain)
	09/26/23 10:30 CST	0		Source: Law Enforcement

State Street at 64th Street was temporarily impassable due to flooding and two stalled cars.

COOK COUNTY --- 0.4 E KENWOOD [41.81, -87.59], 0.6 E KENWOOD [41.81, -87.59], 0.6 E KENWOOD [41.81, -87.59], 0.4 E KENWOOD [41.81, -87.59]	09/26/23 09:01 CST	0		Flood (due to Heavy Rain)
	09/26/23 10:30 CST	0		Source: Law Enforcement

A viaduct was flooded with a few stalled cars in the 1500 block of East 47th Street between Lake Park Avenue and Lake Shore Drive.

Heavy rain caused localized flooding in parts of Chicago during the morning of September 26th.

INDIANA, Northwest

(IN-Z001) LAKE

09/09/23 15:09 CST	1	0		Rip Current
09/09/23 15:09 CST		0		

Direct Fatalities: M27IW

A 27 year old man was seen struggling in Lake Michigan near Whiting Lakefront Park on the afternoon of September 9th. He eventually dropped below the surface and was later found by first responders. He was taken to a local hospital where he was pronounced dead. Winds had been northerly for the previous few days and waves were estimated 2 to 3 feet at the time of the drowning.

LAKE COUNTY --- 2.2 SW WHITING [41.65, -87.52], 1.1 WNW EAST CHICAGO [41.64, -87.48], 0.8 NW (GY) GARY AIRPORT [41.63, -87.43], 1.8 SSW (GY) GARY AIRPORT [41.60, -87.43], 2.0 N HIGHLAND [41.58, -87.45], 1.1 NW MUNSTER [41.57, -87.53]	09/17/23 08:45 CST		10M	Flash Flood (due to Heavy Rain)
	09/17/23 16:00 CST		0	Source: Broadcast Media

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<p>Heavy rain fell across parts of far northwest Lake County causing significant flooding and flash flooding. In Hammond, numerous streets were flooded with cars stranded in the flood waters. At least 500 houses experienced some amount of flooding including basement flooding. The hardest hit area was roughly 3 square miles bounded by the Illinois/Indiana State line on the west, Detroit Street on the south, White Oak Avenue on the east and 137th Street on the north. Rainfall amounts included 4.79 inches in Hammond; 4.53 inches two miles west of East Chicago and 4.36 inches one mile north of Hammond.</p>				

LAKE COUNTY --- 1.4 E EAST CHICAGO [41.64, -87.43]

09/17/23 10:15 CST	0	Funnel Cloud
09/17/23 10:16 CST	0	Source: Social Media

A video was shared on social media showing a funnel cloud near East Chicago.

LAKE COUNTY --- 2.2 SW WHITING [41.65, -87.52], 1.1 WNW EAST CHICAGO [41.64, -87.48], 0.8 NW (GY) GARY AIRPORT [41.63, -87.43], 1.8 SSW (GY) GARY AIRPORT [41.60, -87.43], 2.0 N HIGHLAND [41.58, -87.45], 1.1 NW MUNSTER [41.57, -87.53]

09/17/23 16:00 CST	0	Flood (due to Heavy Rain)
09/18/23 11:00 CST	0	Source: Broadcast Media

After heavy rain and flash flooding across parts of northwest Lake County on September 17th, flooding continued through the morning on September 18th.

Heavy rain caused flash flooding in far northwest Indiana on September 17th. One funnel cloud was also reported.

LAKE MICHIGAN

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]

09/06/23 04:40 CST	0	Marine Thunderstorm Wind (MG 52 kt)
09/06/23 04:56 CST	0	Source: C-MAN Station

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

Scattered thunderstorms moved across parts of southern Lake Michigan during the morning of September 6th.