

## Storm Data and Unusual Weather Phenomena - July 2023

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

(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-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

07/01/23 00:00 CST	0	Drought
07/31/23 23:59 CST	0	

An abnormally dry start to summer 2023 carried over into July with the majority of the CWA entering the month in a severe drought. However, several noteworthy rain events throughout the month brought a good deal of relief to much of the area. By the end of the month, only a sliver of the CWA remained in a severe drought while elsewhere had improved.

#### COOK COUNTY --- 0.1 NW GOLD COAST [41.91, -87.63]

07/02/23 00:00 CST	0	Heavy Rain
07/02/23 11:58 CST	0	Source: Mesonet

The weather station at the Latin School of Chicago recorded 4.76 inches of rainfall from the start of the day through roughly 12:00 PM CST.

#### COOK COUNTY --- 0.8 SW LA GRANGE PARK [41.83, -87.87]

07/02/23 00:00 CST	0	Heavy Rain
07/02/23 11:17 CST	0	Source: Social Media

A personal weather station picked up 4.35 inches of rain from the start of the day through roughly 11AM CST. The owner of the weather station confirmed the observation with a standard rain gauge.

#### COOK COUNTY --- 1.0 N STICKNEY [41.83, -87.79]

07/02/23 00:00 CST	0	Heavy Rain
07/02/23 11:42 CST	0	Source: Public

A member of the public recorded 5.27 inches of rain in Berwyn from the start of the day through roughly 11:30 AM CST.

#### COOK COUNTY --- (MDW) CHICAGO MIDWAY AIRPORT [41.78, -87.75]

07/02/23 06:00 CST	0	Heavy Rain
07/02/23 09:53 CST	0	Source: ASOS

The ASOS at Chicago Midway Airport recorded 2.94 inches of rain between approximately 6 AM and 9:50 AM CST. Of those 2.94 inches, 1.6 fell within the latest hour.

#### COOK COUNTY --- 0.5 E LINCOLN PARK [41.92, -87.64]

07/02/23 06:00 CST	0	Heavy Rain
07/02/23 17:30 CST	0	Source: Public

A private weather station, KILCHICA790, recorded 7.36 inches of storm total rainfall.

#### COOK COUNTY --- 0.5 W FOREST VIEW [41.81, -87.80]

07/02/23 06:00 CST	0	Heavy Rain
07/02/23 17:30 CST	0	Source: Public

A private weather station, KILSTICK6, recorded 7.47 inches of storm total rainfall.

#### COOK COUNTY --- 0.7 N PILSEN [41.86, -87.66]

07/02/23 06:00 CST	0	Heavy Rain
07/02/23 17:30 CST	0	Source: Public

A private weather station, KILCHICA920, recorded 5.9 inches of storm total rainfall.

#### COOK COUNTY --- 0.9 NE BERWYN [41.86, -87.78]

07/02/23 06:00 CST	0	Heavy Rain
07/02/23 14:09 CST	0	Source: Public

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A private weather station, KILCICER16 , recorded 8.21 inches of rainfall between roughly 6 AM and 2 PM CST.				
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<b>COOK COUNTY --- 0.9 NE BERWYN [41.86, -87.78]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 17:30 CST		0	Source: Public
A private weather station, KILCICER16, recorded 8.96 inches of storm total rainfall.				
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<b>COOK COUNTY --- 0.9 NE LINCOLN PARK [41.93, -87.64]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 14:04 CST		0	Source: Public
A private weather station, KILCHICA677 , recorded 7.23 inches of rainfall between roughly 6 AM and 2 PM CST.				
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<b>COOK COUNTY --- 0.9 SW LAKEVIEW [41.93, -87.67]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 17:30 CST		0	Source: Public
A private weather station, KILCHICA677, recorded 7.89 inches of storm total rainfall.				
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<b>COOK COUNTY --- 0.9 SW WEST TOWN [41.88, -87.68]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 14:04 CST		0	Source: Public
A private weather station, KILCHICA498, recorded 6.85 inches of rainfall between roughly 6 AM and 2 PM CST.				
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<b>COOK COUNTY --- 0.9 SW WEST TOWN [41.88, -87.68]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 17:30 CST		0	Source: Public
A private weather station, KILCHICA498, recorded 8.12 inches of storm total rainfall.				
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<b>COOK COUNTY --- 1.1 NNE CICERO [41.87, -87.76]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 17:00 CST		0	Source: Public
A USGS rain gauge at Cicero recorded 8.6 inches of storm total rainfall.				
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<b>COOK COUNTY --- 1.4 N (MDW) CHICAGO MIDWAY AIRPORT [41.80, -87.75]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 17:30 CST		0	Source: Public
A private weather station, KILCHICA656, recorded 6.34 inches of storm total rainfall.				
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<b>COOK COUNTY --- LA GRANGE PARK [41.84, -87.86]</b>				
	07/02/23 06:00 CST		0	Heavy Rain
	07/02/23 17:30 CST		0	Source: Public
A private weather station, KILBROOK16, recorded 4.99 inches of storm total rainfall.				
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<b>WILL COUNTY --- 2.4 WNW CRYSTAL LAWNS [41.58, -88.19]</b>				
	07/02/23 07:30 CST		0	Heavy Rain
	07/02/23 09:42 CST		0	Source: CoCoRaHS
A Cocorahs observer recorded 2.54 inches of rain between approximately 7:30 AM and 9:40 AM CST.				
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<b>COOK COUNTY --- 0.9 NNW ARCHER HEIGHTS [41.82, -87.73], 1.0 WNW BRIGHTON PARK [41.83, -87.72], 1.0 WNW BRIGHTON PARK [41.82, -87.72], 0.9 NNW ARCHER HEIGHTS [41.82, -87.73]</b>				
	07/02/23 08:23 CST		0	Flash Flood (due to Heavy Rain)
	07/02/23 12:00 CST		0	Source: Broadcast Media

Interstate 55 near Pulaski Road was closed due to floodwater on the interstate.

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<b>DU PAGE COUNTY --- 0.5 NNE WOODRIDGE [41.76, -88.05]</b>				
	07/02/23 08:25 CST		0	Heavy Rain
	07/02/23 08:55 CST		0	Source: NWS Employee

An NWS employee recorded 1.7 inches of rain in a 30 minute period.

<b>DU PAGE COUNTY --- 2.6 S DOWNERS GROVE [41.77, -88.01], 2.5 NW DARIEN [41.77, -88.01], 2.0 WNW DARIEN [41.76, -88.01], 2.0 E WOODRIDGE [41.75, -88.01], 1.9 E WOODRIDGE [41.75, -88.01], 1.9 E WOODRIDGE [41.75, -88.01], 2.1 WNW DARIEN [41.76, -88.01]</b>				
	07/02/23 08:30 CST		0	Flash Flood (due to Heavy Rain)
	07/02/23 12:00 CST		0	Source: NWS Employee

An NWS employee reported as many as 6 inches of standing water on Main St in Downers Grove between 63rd St and 75th St.

<b>COOK COUNTY --- 1.7 N EVANSTON [42.07, -87.68], 1.6 NW BERKELEY [41.91, -87.92], 2.3 S BURR RIDGE [41.72, -87.91], 1.7 ENE LEMONT [41.68, -87.97], 1.5 ESE LEMONT [41.66, -87.97], 1.6 NW PALOS PARK [41.68, -87.86], 0.5 E KENWOOD [41.81, -87.59]</b>				
	07/02/23 08:40 CST		0.50B	Flash Flood (due to Heavy Rain)
	07/02/23 17:30 CST		0	Source: Emergency Manager

Throughout much of central Cook County including Chicago and nearby suburbs, very heavy rainfall caused widespread flash flooding of roadways and structures. During a 12-hour period from 3 AM to 3 PM CST, storm total rainfall in Cook County ranged from 1-9 inches, with the highest amounts in central Cook County near the border of Chicago, Cicero, and Oak Park. The magnitude of this rainfall ranged from typical to extreme, with the peak rainfall estimated to have less than a 0.2% chance of occurring in a given year. Two distinct waves of heavy rainfall occurred in the Chicago area during this event, with each period of heavy rainfall corresponding to significant flooding.

The first wave of heavy rainfall impacted the Chicago area from 4:30 AM to 11 AM CST. Within a few hours numerous residential streets were flooded and I-290 (Eisenhower Expressway) was blocked in multiple locations, as well as a stretch of I-55 (Stevenson Expressway) near Pulaski Road. Multiple water rescues were reported, most of which occurred at underpasses in Chicago and the immediate western suburbs. Runoff quickly entered the deep tunnel system and mostly filled McCook Reservoir, greatly reducing storage capacity for additional rainfall.

After a brief period with lighter rainfall intensities from 11 AM to 12:30 PM CST, the second wave of heavy began, which occurred until 3:30 PM CST. This additional rainfall brought renewed flooding of numerous roadways as well as portions of CTA's blue and pink "E" train lines. The storage capacity of the deep tunnel and McCook Reservoir were exceeded, with most rainfall flowing into the Chicago River system as part of a combined sewer overflow event. The Chicago River quickly rose to minor flood stage, flooding the Chicago Riverwalk. MWRD opened gates at Chicago Lock to reverse the flow of the river into Lake Michigan, causing a mixture of rainfall and untreated sewage to enter the lake. The lack of capacity to store combined rain water and sewage caused rainfall to back up into 10s of thousands of basements. As of November 29th, 2023, FEMA had received nearly 75,000 claims for flooded homes, the majority of which are assumed to be basement flooding. Approximately \$285 million in FEMA individual assistance grants were provided, along with \$96.5 million in low-interest SBA loans. These federal disaster assistance programs only cover a portion of uninsured losses. Few claims, less than \$1 million in total, were made to the National Flood Insurance program due to the low percentage of residents paying for such policies and the cause of most instances of flooding being related to sewer backup. The estimated total damage costs from this flash flood event are likely in excess of \$500 million.

<b>WILL COUNTY --- 1.6 E BOLINGBROOK [41.70, -88.04], 1.4 E BOLINGBROOK [41.70, -88.04], 1.5 ESE BOLINGBROOK [41.70, -88.04], 1.6 E BOLINGBROOK [41.70, -88.04]</b>				
	07/02/23 08:40 CST		0	Flash Flood (due to Heavy Rain)
	07/02/23 12:15 CST		0	Source: NWS Employee

An NWS employee reported more than 6 inches of standing water underneath the overpass at I-55 and Joliet Rd in Bolingbrook.

**An extreme rainfall event occurred on July 2 in the Chicago metropolitan area caused by multiple nearly stationary bands of showers and thunderstorms near a slow-moving low pressure area. Rainfall occurred over from approximately 12 AM CST to 6 PM CST, with peak rainfall rates exceeding 2 inches per hour and storm total accumulations nearing 9.0 inches in Cook County. Individual showers and thunderstorms moved very slowly during the event, with storm motions of 15 mph or less, leading to extended periods of heavy rainfall. The area of peak rainfall just west of Chicago was estimated to have less than a 1% chance of occurring annually, and led to widespread flooding of basements, streets, and expressways. Also happening on this day was the first annual NASCAR Chicago street race downtown. The storm temporarily flooded portions of the race course, caused a number of delays and cancellations of events, and made conditions terribly slick for the drivers on the course.**

<b>COOK COUNTY --- 0.7 ESE MORTON GROVE [42.04, -87.77]</b>				
	07/05/23 13:54 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/23 13:54 CST		0	Source: Broadcast Media

Local broadcast media relayed a report of multiple tree branches down in Morton Grove near Frontage Rd and I-94.

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<b>COOK COUNTY --- 1.0 E WEST ROSELAND [41.69, -87.61]</b>				
	07/05/23 13:56 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/23 13:56 CST		0	Source: Public
A large tree had fallen and landed on a building in the Roseland neighborhood of Chicago.				
<b>COOK COUNTY --- 1.2 WNW MATTESON [41.51, -87.73]</b>				
	07/05/23 14:09 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/23 14:09 CST		0	Source: Public
Downed power poles were reported out of Matteson.				
<b>COOK COUNTY --- 3.3 SE LEMONT [41.64, -87.95]</b>				
	07/05/23 16:45 CST		0	Heavy Rain
	07/05/23 18:00 CST		0	Source: Public
A private weather station, KILLOCKP56 , recorded over 2 inches of rainfall in a 30 minute period.				
<b>KANE COUNTY --- 0.6 ESE AURORA [41.76, -88.31]</b>				
	07/05/23 16:47 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/23 16:47 CST		0	Source: Emergency Manager
Emergency management reported numerous trees and power lines down across Aurora.				
<b>KANE COUNTY --- 1.9 S ELBURN [41.85, -88.46], 2.0 S ELBURN [41.85, -88.47], 2.0 S ELBURN [41.85, -88.46], 1.9 S ELBURN [41.85, -88.46]</b>				
	07/05/23 16:50 CST		0	Flash Flood (due to Heavy Rain)
	07/05/23 22:00 CST		0	Source: Emergency Manager
Several inches of standing water were reported south of Elgin on IL Route 47 south of Smith Road.				
<b>COOK COUNTY --- 1.5 SSE BRIDGEVIEW [41.73, -87.79]</b>				
	07/05/23 17:00 CST		0	Heavy Rain
	07/05/23 17:30 CST		0	Source: Public
A private weather station, KILBRIDG4 , recorded 1.3 inches of rainfall in a 30 minute period.				
<b>COOK COUNTY --- 1.7 WNW MIDLOTHIAN [41.63, -87.75]</b>				
	07/05/23 17:00 CST		0	Heavy Rain
	07/05/23 18:15 CST		0	Source: Public
A private weather station, KILMIDLO4, recorded about 2 inches of rainfall in a 30 minute period.				
<b>COOK COUNTY --- 0.1 N WICKER PARK [41.91, -87.68]</b>				
	07/05/23 17:30 CST		0	Heavy Rain
	07/05/23 17:45 CST		0	Source: Public
A private weather station, KILCHICA867, recorded 1.8 inches of rainfall in a 15 minute period.				
<b>COOK COUNTY --- 1.0 N CRESTWOOD [41.67, -87.75]</b>				
	07/05/23 17:45 CST		0	Heavy Rain
	07/05/23 18:15 CST		0	Source: Other Federal Agency
A USGS rain gauge at Alsip recorded 1.7 inches in a 30 minute period.				
<b>KANE COUNTY --- 2.5 NNW GENEVA [41.92, -88.36]</b>				
	07/05/23 18:00 CST		0.70M	Lightning
	07/05/23 18:00 CST		0	Source: Broadcast Media
Lightning struck a townhouse in St Charles causing a fire to break out. The fire spread into the next townhouse severely damaging both buildings. Two firefighters were injured while battling the fire. The exact extent of their injuries is unknown, but both of them were released from the hospital within the next day. Damages were estimated at more than \$700,000.				

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<b>COOK COUNTY --- 0.6 SE STONY ISLAND [41.71, -87.57]</b>				
	07/05/23 18:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/23 18:05 CST		0	Source: Law Enforcement
A large tree branch was blown down and blocking 101st St and Torrence Ave in the Vet's Park neighborhood of Chicago.				
<b>COOK COUNTY --- 1.1 WNW LANSING [41.56, -87.56]</b>				
	07/05/23 18:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/23 18:15 CST		0	Source: Amateur Radio
A 15 inch diameter tree was downed near 182nd St and Violet Rd in Lansing.				
<b>COOK COUNTY --- 0.2 SW CALUMET PARK [41.66, -87.66], 0.2 SW CALUMET PARK [41.66, -87.66], 0.5 ESE MORGAN PARK [41.69, -87.66], 1.1 NE MORGAN PARK [41.70, -87.65], 1.2 S BRAINERD [41.71, -87.65], 1.2 S BRAINERD [41.71, -87.65], 1.0 NE MORGAN PARK [41.70, -87.66], 0.5 SE MORGAN PARK [41.69, -87.66]</b>				
	07/05/23 18:20 CST		0	Flash Flood (due to Heavy Rain)
	07/05/23 22:00 CST		0	Source: Public
Multiple public reports were received of flooding of travel lanes on I-57 southbound between Chicago and Blue Island. Traffic cameras showed standing water and slow traffic.				
<b>COOK COUNTY --- 0.9 WSW BROOKFIELD [41.82, -87.87], 0.9 WSW BROOKFIELD [41.82, -87.87], 0.8 WSW BROOKFIELD [41.82, -87.87], 0.9 WSW BROOKFIELD [41.82, -87.87]</b>				
	07/05/23 18:20 CST		0	Flash Flood (due to Heavy Rain)
	07/05/23 22:00 CST		0	Source: Public
Flooding occurred underneath an overpass on Ogden Ave just east of US Route 45 in La Grange.				
<b>COOK COUNTY --- 0.4 SE CALUMET CITY [41.62, -87.53], 0.4 SE CALUMET CITY [41.62, -87.53], 0.3 SE CALUMET CITY [41.62, -87.53], 0.3 SE CALUMET CITY [41.62, -87.53]</b>				
	07/05/23 18:30 CST		0	Flash Flood (due to Heavy Rain)
	07/05/23 22:00 CST		0	Source: Amateur Radio
Flooding was reported on State Line Road near Russell Street between Calumet City and Hammond.				
<b>COOK COUNTY --- 0.9 N LANSING [41.57, -87.54], 0.9 N LANSING [41.57, -87.54], 0.8 N LANSING [41.57, -87.54], 0.8 N LANSING [41.57, -87.54]</b>				
	07/05/23 18:30 CST		0	Flash Flood (due to Heavy Rain)
	07/05/23 22:00 CST		0	Source: Amateur Radio
Street flooding was reported near 178th St and Burnham Ave in Lansing.				
<p><b>A cluster of strong thunderstorms brought damaging winds, torrential rainfall, and flash flooding to parts of northern Illinois during the afternoon and evening of July 5. Several rain gauges around the area recorded one to two inches of rain within a 30 minute period underneath some of these storms. The city of Chicago and its near-south and near-west suburbs were the areas hit hardest. Numerous reports were received of flooded roads, including a number of residential streets. Additionally, two firefighters were injured battling a fire caused by lightning striking a townhouse.</b></p>				
<b>COOK COUNTY --- 0.8 NNE SUMMIT [41.80, -87.80], 0.2 SSW NOTTINGHAM PARK [41.78, -87.80], 0.2 SSE CLEARING [41.78, -87.77], 1.0 E FOREST VIEW [41.81, -87.77]</b>				
	07/11/23 13:30 CST		0	Flood (due to Heavy Rain)
	07/11/23 15:00 CST		0	Source: Public
Several roadways were reported to have flooded near Midway Airport, including a portion of I-55.				
<b>COOK COUNTY --- (MDW) CHICAGO MIDWAY AIRPORT [41.78, -87.75]</b>				
	07/11/23 13:33 CST		0	Thunderstorm Wind (MG 59 kt)
	07/11/23 13:33 CST		0	Source: ASOS
<b>COOK COUNTY --- 0.8 NNE CLEARING [41.79, -87.77]</b>				
	07/11/23 13:33 CST		0	Thunderstorm Wind (EG 56 kt)
	07/11/23 13:33 CST		0	Source: Public

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Trees and power lines were reported down near Midway Airport.				
<b>DU PAGE COUNTY --- 2.0 WNW FOUR LAKES [41.79, -88.12]</b>				
	07/11/23 14:11 CST		40K	Lightning
	07/11/23 14:11 CST		0	Source: Broadcast Media
Lightning struck the attached garage of a home in Naperville starting a fire that spread throughout the garage and into the living space above. No injuries were reported, but damages were estimated at \$40,000.				
<b>During the afternoon of July 11, a broken line of strong thunderstorms moved across the Chicago metro. While most of these storms remained sub-severe, one cell stood out among the rest producing a 68 mph wind gust recorded by the ASOS at Chicago Midway Airport and downing nearby trees and power lines. One home was also damaged when an attached garage was struck by lightning.</b>				
<b>BOONE COUNTY --- 2.3 S ARGYLE [42.33, -88.94], 1.8 WNW TIMBERLANE [42.34, -88.89]</b>				
	07/12/23 16:25 CST		0	Tornado (EF0, L: 2.46 mi , W: 175 yd)
	07/12/23 16:29 CST		0	Source: NWS Storm Survey
An EF-0 tornado dropped on the northeast side of Orth and Argyle Roads along the Winnebago and Boone County line . The tornado then tracked east-northeast before lifting in a farm field east of Beloit Road between Dawson Lake and Orth Roads. Damage along the path of the tornado consisted of snapped and uprooted trees, in addition to minor roofing damage.				
<b>KENDALL COUNTY --- 1.2 NE OSWEGO [41.69, -88.33], 4.0 ENE BOULDER HILL [41.72, -88.26]</b>				
	07/12/23 16:36 CST		0	Tornado (EF0, L: 4.14 mi , W: 100 yd)
	07/12/23 16:44 CST		0	Source: NWS Storm Survey
An EF-0 tornado impacted northeastern Oswego and southeastern Aurora . Damage along the tornado's path was characterized primarily by downed trees and tree limbs, as well as a few instances of exterior damage to homes.				
<b>MCHENRY COUNTY --- 0.7 SE HARMONY [42.15, -88.52], 1.4 ESE HUNTLEY [42.16, -88.39]</b>				
	07/12/23 17:06 CST		0	Tornado (EF1, L: 6.42 mi , W: 200 yd)
	07/12/23 17:17 CST		0	Source: NWS Storm Survey
This tornado started in a field off US-20 near Getty Road along the McHenry/Kane County line. The tornado tracked east-northeast along and just south of Harmony Road, west of Huntley, snapping tree limbs and uprooting trees. The tornado continued east, just south of Main Street, damaging a small outbuilding and downing additional tree limbs. The tornado then shifted northeast into downtown Huntley while increasing to EF-1 intensity. It then continued between Main Street and Douglas Avenue causing substantial roof damage to two homes and uprooting additional trees . The tornado shifted a final time to the east-southeast, passing the Huntley Police station and causing more tree damage before lifting near Leland Lane and Central Park Boulevard on the east side of Huntley.				
<b>DU PAGE COUNTY --- 0.5 WSW BURR RIDGE [41.75, -87.93], 0.2 ENE BURR RIDGE [41.75, -87.92]</b>				
	07/12/23 17:09 CST		0	Tornado (EF1, L: 0.70 mi , W: 150 yd)
	07/12/23 17:10 CST		0	Source: NWS Storm Survey
This tornado began near 79th and Grant streets in Burr Ridge and continued northeast, crossing into Cook County at the Burr Ridge Village Center , the intersection of Interstates 55 and 294, the southeastern side of the Progress Rail Electro-Motive facility, and into Stickney. Damage along the path of the tornado consisted of snapped trees and tree branches, damage to walls and roofs of homes and businesses, and the movement of shipping containers in industrial areas. One truck driver was injured as his truck was blown over on First Avenue in McCook . The tornado appeared to lift near Veterans Memorial Park in Stickney.				
<b>COOK COUNTY --- 0.3 WNW BURR RIDGE [41.75, -87.92], 0.5 E STICKNEY [41.82, -87.78]</b>				
	07/12/23 17:10 CST		0	Tornado (EF1, L: 8.36 mi , W: 150 yd)
	07/12/23 17:27 CST	1	0	Source: NWS Storm Survey
This tornado began near 79th and Grant streets in Burr Ridge and continued northeast, crossing into Cook County at the Burr Ridge Village Center , the intersection of Interstates 55 and 294, the southeastern side of the Progress Rail Electro-Motive facility, and into Stickney. Damage along the path of the tornado consisted of snapped trees and tree branches, damage to walls and roofs of homes and businesses, and the movement of shipping containers in industrial areas. One truck driver was injured as his truck was blown over on First Avenue in McCook . The tornado appeared to lift near Veterans Memorial Park in Stickney.				
<b>KANE COUNTY --- 1.6 SW PLATO CENTER [42.01, -88.45], 2.0 NE SOUTH ELGIN [42.01, -88.26]</b>				
	07/12/23 17:16 CST		0	Tornado (EF1, L: 9.47 mi , W: 440 yd)
	07/12/23 17:32 CST		0	Source: NWS Storm Survey

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<p>This tornado started in a farm field east of Kendall Road and continued eastward through Elgin. Damage along the path of the tornado consisted of snapped trees and tree limbs, especially between Bowes Bend Drive and Randall Road. Damage to roofs, siding, and walls of homes, a garage, and a farm building was also noted near Bowes Bend Drive and Longcommon Parkway. The roof of a church was also damaged near Nesler Road. The storm crossed into Cook County on the southwest side of Bluff Spring Fen. The tornado appeared to lift near the intersection of Gifford Road and Lake Street .</p>				

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<b>KANE COUNTY --- 1.9 WSW BOWES [41.99, -88.41], 1.0 ESE BOWES [41.99, -88.36]</b>				
	07/12/23 17:18 CST		0	Tornado (EF0, L: 2.60 mi , W: 100 yd)
	07/12/23 17:23 CST		0	Source: NWS Storm Survey

As the Elgin EF-1 tornado was ongoing, a second tornado touched down near the intersection of McDonald and Crawford roads on the far north side of Campton Hills and continued east-northeast through the southwestern portion of Elgin. Damage along the path of this EF-0 tornado consisted almost entirely of snapped tree limbs with one home in the Bowes Creek Country Club experiencing damage to an exterior wall and roof. The tornado appeared to lift near the intersection of Hopps Road and Lisa Lane.

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<b>COOK COUNTY --- 1.1 NW SPAULDING [42.01, -88.26], 1.2 NE SPAULDING [42.01, -88.23]</b>				
	07/12/23 17:32 CST		0	Tornado (EF1, L: 1.47 mi , W: 440 yd)
	07/12/23 17:34 CST		0	Source: NWS Storm Survey

This tornado started in a farm field east of Kendall Road and continued eastward through Elgin. Damage along the path of the tornado consisted of snapped trees and tree limbs, especially between Bowes Bend Drive and Randall Road. Damage to roofs, siding, and walls of homes, a garage, and a farm building was also noted near Bowes Bend Drive and Longcommon Parkway. The roof of a church was also damaged near Nesler Road. The storm crossed into Cook County on the southwest side of Bluff Spring Fen. The tornado appeared to lift near the intersection of Gifford Road and Lake Street .

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<b>MCHENRY COUNTY --- 0.7 NNE BARRINGTON HILLS [42.17, -88.21], 0.8 NE BARRINGTON HILLS [42.17, -88.20]</b>				
	07/12/23 17:33 CST		0	Tornado (EF0, L: 0.27 mi , W: 125 yd)
	07/12/23 17:34 CST		0	Source: NWS Storm Survey

An EF-0 tornado began along Spring Creek Road in far southeastern McHenry County and the village of Barrington Hills before quickly moving into southwestern Lake County. Damage occurred as a farm outbuilding was struck, detaching two walls. Damage then continued with snapped trees and tree limbs along N Buckley Road and in the Chicago Highlands subdivision off of Northwest Highway . The tornado appeared to lift near W Sunset Road off IL -59, north of the Roslyn Road Elementary School in unincorporated Barrington.

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<b>LAKE COUNTY --- 1.2 WNW BARRINGTON HILLS [42.17, -88.20], 1.0 NNW BARRINGTON [42.17, -88.14]</b>				
	07/12/23 17:34 CST		0	Tornado (EF0, L: 3.11 mi , W: 125 yd)
	07/12/23 17:39 CST		0	Source: NWS Storm Survey

An EF-0 tornado began along Spring Creek Road in far southeastern McHenry County and the village of Barrington Hills before quickly moving into southwestern Lake County. Damage occurred as a farm outbuilding was struck, detaching two walls. Damage then continued with snapped trees and tree limbs along N Buckley Road and in the Chicago Highlands subdivision off of Northwest Highway . The tornado appeared to lift near W Sunset Road off IL -59, north of the Roslyn Road Elementary School in unincorporated Barrington.

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<b>COOK COUNTY --- 1.1 NW HANOVER PARK [42.01, -88.15], 1.0 NNW HANOVER PARK [42.01, -88.14]</b>				
	07/12/23 17:41 CST		0	Tornado (EF0, L: 0.47 mi , W: 80 yd)
	07/12/23 17:42 CST		0	Source: NWS Storm Survey

A brief EF-0 tornado began near the intersection of Yorkshire Dr. and Phoenix Lake Ave. in Streamwood and tracked east for about half a mile before lifting as it crossed Barrington Rd. This tornado stripped siding off of two walls at the Portillo's at Ramblewood Dr. and Barrington Rd. while also causing some tree damage and blowing around light debris along its track. Tree damage also continued east of Barrington Rd. into Hanover Park, though witness accounts and the broadening nature of a predominantly southwest to northeast oriented damage field suggest that this damage was caused by strong southwesterly straight-line winds of up to 75 mph that descended to ground level right as the tornado was lifting.

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<b>COOK COUNTY --- 0.9 NNW HANOVER PARK [42.01, -88.14], 1.1 NNE HANOVER PARK [42.02, -88.13]</b>				
	07/12/23 17:42 CST		0	Thunderstorm Wind (EG 52 kt)
	07/12/23 17:43 CST		0	Source: NWS Storm Survey

Immediately downstream of where the Streamwood tornado lifted was a concentrated area of tree damage that was evident from S Barrington Rd extending eastward to Carlisle Dr. The orientation of the damage and eyewitness accounts suggest that this was caused by straight line winds as opposed to a tornado.

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<b>COOK COUNTY --- 1.4 NE HANOVER PARK [42.01, -88.12], 1.6 N (O6C) SCHAUMBURG REGIONAL AIRPORT [42.01, -88.10]</b>				
	07/12/23 17:43 CST		0	Tornado (EF0, L: 1.06 mi , W: 80 yd)
	07/12/23 17:45 CST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A brief, weak EF-0 tornado touched down near Jane Addams Junior High School in Schaumburg and tracked east for a little over a mile before lifting as it approached Salem Dr. This tornado produced sporadic and mostly minor tree damage along its track.</p>				
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<b>DU PAGE COUNTY --- 1.3 NNW CAROL STREAM [41.93, -88.14], 1.0 WNW GLENDALE HEIGHTS [41.92, -88.09]</b>				
	07/12/23 17:44 CST		0	Tornado (EF0, L: 2.88 mi , W: 125 yd)
	07/12/23 17:50 CST		0	Source: NWS Storm Survey
<p>An EF-0 tornado dropped at Glenbard North High School in Carol Stream and ended just east of Americana Park in Glendale Heights . This tornado primarily caused tree damage along its 2.9 mile long path, but a couple of warehouses sustained minor roofing damage, and a few houses were damaged as well losing small portions of their siding and roofs.</p>				
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<b>LAKE COUNTY --- 0.8 NW LONG GROVE [42.19, -88.01], 1.2 WSW PRAIRIE VIEW [42.19, -87.97]</b>				
	07/12/23 17:52 CST		0	Tornado (EF0, L: 2.10 mi , W: 125 yd)
	07/12/23 17:56 CST		0	Source: NWS Storm Survey
<p>This tornado started near Country Lane off Old McHenry Road in Long Grove . Damage along the path of the tornado consisted of snapped trees and tree limbs spread across Twin Orchard Country Club , continuing east-northeast towards Twin Groves Middle School. The tornado appeared to lift over Woodland Park in Buffalo Grove near Twin Groves Middle School.</p>				
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<b>DU PAGE COUNTY --- 1.0 NNE ITASCA [41.98, -88.00], 1.7 NNW (ORD) CHICAGO O'HARE AIRPORT [41.99, -87.94]</b>				
	07/12/23 17:54 CST		0	Tornado (EF0, L: 3.12 mi , W: 225 yd)
	07/12/23 17:59 CST		0	Source: NWS Storm Survey
<p>This EF-0 touched down on the far northeast side of Itasca near the intersection of Prospect Ave and Thorndale Ave . It then tracked east-northeastward through a large industrial park in Wood Dale , Bensenville, and Elk Grove Village, where it caused minor damage to the roofs and fascia of a few warehouses and sporadic tree damage, which was most concentrated and severe near the intersection of Lively Blvd. and Kirk St. Eyewitness reports suggest that the tornado may have lifted intermittently along its track before it lifted for good east of Elmhurst Rd. over the far northwest side of O'Hare Airport.</p>				
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<b>COOK COUNTY --- 1.6 ESE ELK GROVE VILLAGE [41.99, -87.94], 1.7 E ELK GROVE VILLAGE [42.00, -87.94]</b>				
	07/12/23 17:59 CST		0	Tornado (EF0, L: 0.32 mi , W: 225 yd)
	07/12/23 18:00 CST		0	Source: NWS Storm Survey
<p>This EF-0 touched down on the far northeast side of Itasca near the intersection of Prospect Ave and Thorndale Ave . It then tracked east-northeastward through a large industrial park in Wood Dale , Bensenville, and Elk Grove Village, where it caused minor damage to the roofs and fascia of a few warehouses and sporadic tree damage, which was most concentrated and severe near the intersection of Lively Blvd. and Kirk St. Eyewitness reports suggest that the tornado may have lifted intermittently along its track before it lifted for good east of Elmhurst Rd. over the far northwest side of O'Hare Airport.</p>				
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<b>COOK COUNTY --- 1.9 N (ORD) CHICAGO O'HARE AIRPORT [42.01, -87.90], 0.8 S PARK RIDGE [42.00, -87.84]</b>				
	07/12/23 18:02 CST		0	Tornado (EF0, L: 3.42 mi , W: 300 yd)
	07/12/23 18:07 CST		0	Source: NWS Storm Survey
<p>After the first tornado in the O'Hare area lifted, a second EF-0 tornado touched down within the confines of O' Hare Airport just south of the I-90 overpass over Touhy Ave. The tornado initially caused minor roofing and fascia damage to buildings and warehouses on the far north side of the airport. Minor tree damage also occurred in this area, and a parked car was impaled by debris that was thrown by the tornado. The tornado then tracked east across I-90 and into Rosemont, where it blew over a light pole and ticket booths in the Allstate Arena parking lot and caused damage to trees and signs along Mannheim Rd . Video footage taken in Rosemont showed the tornado (which did not necessarily have a fully condensed cloud-to-ground funnel at all times) track into a residential area on the southeast side of Des Plaines, where it produced a concentrated area of tree damage, caused minor roofing and fascia damage to some houses, and caused a few power poles to lean. The tornado may have lost contact with the ground as it crossed the Des Plaines River, but it eventually touched down again in Park Ridge, where it produced tree damage in a neighborhood east of Maine South High School before lifting for good.</p>				
<p><b>During the evening of July 12, scattered thunderstorms dropped 13 tornadoes across far northeast Illinois, primarily within the west of northwest suburbs of Chicago. Of these 13 tornadoes, three were determined to be EF-1 with the remaining 10 being EF-0.</b></p>				
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<b>LEE COUNTY --- 0.2 NNW DIXON [41.84, -89.48]</b>				
	07/14/23 18:00 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/23 18:00 CST		0	Source: Social Media
<p>Two large trees were blown down and a porch roof had collapsed in Dixon.</p>				
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<b>OGLE COUNTY --- 1.8 NW LOST NATION [41.93, -89.38]</b>				
	07/14/23 18:07 CST		0	Funnel Cloud
	07/14/23 18:08 CST		0	Source: Social Media



## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A video shared on social media showed a well-defined funnel roughly 2/3rds of the way down to the ground. Location was based on video time stamp and co-located to radar-indicated rotation.

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**OGLE COUNTY --- 1.2 ENE OREGON [42.01, -89.31]**

07/14/23 18:25 CST	0	Thunderstorm Wind (EG 52 kt)
07/14/23 18:25 CST	0	Source: Emergency Manager

Powerlines were downed and one power pole was snapped in Oregon.

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**LEE COUNTY --- 2.5 S AMBOY [41.68, -89.32]**

07/14/23 18:35 CST	0	Thunderstorm Wind (EG 52 kt)
07/14/23 18:35 CST	0	Source: Law Enforcement

A large tree was down on the 700 block of Dry Gulch Road south of Amboy. The tree was blocking three quarters of the roadway.

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**OGLE COUNTY --- 0.7 N LINDENWOOD [42.06, -89.03]**

07/14/23 18:45 CST	0	Thunderstorm Wind (EG 52 kt)
07/14/23 18:45 CST	0	Source: Public

A number of trees were reported down in Lindenwood.

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**LA SALLE COUNTY --- 0.5 NE TRIUMPH [41.50, -89.01]**

07/14/23 18:54 CST	0	Thunderstorm Wind (EG 61 kt)
07/14/23 18:54 CST	0	Source: Law Enforcement

A large tree had been downed onto a property north of Triumph.

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**KENDALL COUNTY --- 0.4 WNW PLANO [41.66, -88.54]**

07/14/23 19:39 CST	0	Thunderstorm Wind (MG 56 kt)
07/14/23 19:39 CST	0	Source: Public

A 64 mph gust was measured by a personal weather station.

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**KANE COUNTY --- (ARR) AURORA MUNICIPAL AIRPORT [41.77, -88.47]**

07/14/23 19:42 CST	0	Thunderstorm Wind (MG 52 kt)
07/14/23 19:42 CST	0	Source: ASOS

The ASOS at the Aurora Airport (ARR) measured a 61 mph gust.

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**KANE COUNTY --- 2.3 E PRESTBURY [41.78, -88.38]**

07/14/23 19:45 CST	0	Thunderstorm Wind (EG 56 kt)
07/14/23 19:45 CST	0	Source: Public

A large tree had been blown down onto a car on the west side of Aurora off of Orchard Rd.

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**KANE COUNTY --- 0.6 NW BATAVIA [41.86, -88.33]**

07/14/23 19:56 CST	0	Thunderstorm Wind (EG 52 kt)
07/14/23 19:56 CST	0	Source: Emergency Manager

Numerous 6 inch diameter branches and limbs were down all over the area, particularly between McKee and Fabyan Parkways east towards Route 31.

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**KANE COUNTY --- 0.9 E BATAVIA [41.85, -88.30]**

07/14/23 19:57 CST	0	Thunderstorm Wind (EG 52 kt)
07/14/23 19:57 CST	0	Source: Emergency Manager

A fallen one foot diameter tree limb took out three power poles on N Van Buren and Spring Streets in Batavia.

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**DU PAGE COUNTY --- 0.3 SE WARRENHURST [41.82, -88.22], 0.9 NW BUTTERFIELD [41.85, -88.05]**

07/14/23 19:58 CST	0	Tornado (EF0, L: 8.74 mi , W: 400 yd)
07/14/23 20:10 CST	0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DU PAGE COUNTY --- 0.7 SW NAPERVILLE [41.76, -88.16]</b>				
	07/14/23 20:01 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:01 CST	0		Source: Public
A 4 inch diameter tree limb was downed on West St in Naperville.				
<b>DU PAGE COUNTY --- 2.7 WSW WOODRIDGE [41.74, -88.10]</b>				
	07/14/23 20:01 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:01 CST	0		Source: NWS Employee
An NWS employee reported a 6 inch diameter branch down at Wehrli and Lisson Roads.				
<b>DU PAGE COUNTY --- 1.5 SSE NAPERVILLE [41.75, -88.14]</b>				
	07/14/23 20:02 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:02 CST	0		Source: Public
Multiple 3 inch diameter tree limbs were down across the south side of Naperville.				
<b>DU PAGE COUNTY --- 0.3 NW WEST CHICAGO [41.88, -88.20]</b>				
	07/14/23 20:03 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:03 CST	0		Source: Emergency Manager
Emergency management relayed a photo of a snapped tree branch at least 12 inches in diameter from a healthy tree.				
<b>WILL COUNTY --- 1.1 WSW ROMEOVILLE [41.63, -88.11]</b>				
	07/14/23 20:05 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:05 CST	0		Source: Public
A 12 to 14 foot tall pine tree was blown down in Romeoville.				
<b>WILL COUNTY --- 0.2 NW BOLINGBROOK [41.70, -88.07]</b>				
	07/14/23 20:07 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:07 CST	0		Source: Public
Numerous 6 inch diameter tree branches were blown down in Bolingbrook.				
<b>WILL COUNTY --- 0.5 SSE (LOT) LEWIS UNIVERSITY AIRPORT [41.60, -88.08]</b>				
	07/14/23 20:07 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:07 CST	0		Source: NWS Employee
A small pine tree was blown over at the NWS Chicago WFO in Romeoville.				
<b>DU PAGE COUNTY --- 0.8 E DOWNERS GROVE [41.81, -88.00]</b>				
	07/14/23 20:10 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:10 CST	0		Source: Public
A tree was uprooted near Fairview and Ogden in Downers Grove.				
<b>DU PAGE COUNTY --- 2.1 N NORTHWOODS [41.93, -88.17]</b>				
	07/14/23 20:11 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:11 CST	0		Source: Public
A 4 to 6 inch diameter tree branch snapped in Carol Stream.				
<b>COOK COUNTY --- 0.8 ENE (O6C) SCHAUMBURG REGIONAL AIRPORT [41.99, -88.08]</b>				
	07/14/23 20:18 CST	0		Thunderstorm Wind (EG 56 kt)
	07/14/23 20:18 CST	0		Source: Trained Spotter
A trained spotter estimated 65-70 mph wind gusts near Roselle.				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>COOK COUNTY --- 0.6 SSW BARTLETT [41.99, -88.18]</b>				
	07/14/23 20:20 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:20 CST		0	Source: Law Enforcement
Trees and power lines were downed in Bartlett.				
<b>COOK COUNTY --- 0.8 ENE (O6C) SCHAUMBURG REGIONAL AIRPORT [41.99, -88.08]</b>				
	07/14/23 20:20 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:20 CST		0	Source: Trained Spotter
Numerous medium sized tree branches were blown down in Roselle near the corner of May Street and Arthur Avenue . Power was also taken out on the west side of May Street.				
<b>DU PAGE COUNTY --- 0.4 NW ADDISON [41.93, -88.00]</b>				
	07/14/23 20:20 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:20 CST		0	Source: Public
Two trees were blown over in Addison.				
<b>COOK COUNTY --- 1.1 SE SCHAUMBURG [42.02, -88.07]</b>				
	07/14/23 20:22 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:22 CST		0	Source: Public
A photo shared on social media showed a one foot diameter tree limb that had penetrated the windshield of a car in Schaumburg.				
<b>COOK COUNTY --- 1.6 WNW ELK GROVE VILLAGE [42.01, -88.00]</b>				
	07/14/23 20:25 CST		0	Thunderstorm Wind (EG 70 kt)
	07/14/23 20:25 CST		0	Source: NWS Storm Survey
An NWS storm survey confirmed that widespread tree damage across Elk Grove Village was caused by strong straight -line winds. Damage was most severe and concentrated in the vicinity of Elk Grove High School, where peak winds were estimated to be about 80 mph.				
<b>COOK COUNTY --- 1.1 SE SCHAUMBURG [42.02, -88.06]</b>				
	07/14/23 20:26 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:26 CST		0	Source: Trained Spotter
Multiple large tree limbs were downed across the east side of Schaumburg.				
<b>COOK COUNTY --- 1.7 S MT PROSPECT [42.05, -87.93]</b>				
	07/14/23 20:29 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:29 CST		0	Source: Trained Spotter
Numerous tree limbs, some as long as 30 feet, were downed in Mount Prospect.				
<b>COOK COUNTY --- 1.1 SE MT PROSPECT [42.06, -87.91]</b>				
	07/14/23 20:33 CST		0	Thunderstorm Wind (EG 61 kt)
	07/14/23 20:33 CST		0	Source: Public
Several trees were reported down in the Mount Prospect and Des Plaines area.				
<b>COOK COUNTY --- 0.7 SW JEFFERSON PARK [41.97, -87.78]</b>				
	07/14/23 20:35 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/23 20:35 CST		0	Source: Social Media
Photos shared on social media showed large tree limbs downed onto a garage in the Jefferson Park neighborhood of Chicago.				
<b>COOK COUNTY --- 0.7 NNW MCKINLEY PARK [41.84, -87.67]</b>				
	07/14/23 20:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/14/23 20:40 CST		0	Source: Law Enforcement
A large tree branch was down on a car on the 1800 block of S Damen Ave in the McKinley Park neighborhood of Chicago . A person was briefly trapped inside of the car although is believed to have gone unharmed.				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>COOK COUNTY --- 0.7 NNW UKRAINIAN VILLAGE [41.91, -87.70]</b>				
	07/14/23 20:40 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:40 CST	0		Source: Law Enforcement
A large tree limb was down on a couple of cars on California Ave immediately east of Humboldt Park.				
<b>COOK COUNTY --- 0.6 WNW BUCKTOWN [41.92, -87.69]</b>				
	07/14/23 20:42 CST	0		Thunderstorm Wind (EG 52 kt)
	07/14/23 20:42 CST	0		Source: Law Enforcement
Power lines were down near Maplewood Ave and Belden Ave in the Bucktown neighborhood of Chicago.				
<b>During the evening of July 14, severe thunderstorms brought damaging winds to northern Illinois as well as one EF-0 tornado that tracked from Warrenville to Glen Ellyn.</b>				
<b>WINNEBAGO COUNTY --- 0.5 SW LOVES PARK [42.32, -89.06]</b>				
	07/26/23 07:00 CST	0		Thunderstorm Wind (EG 61 kt)
	07/26/23 07:00 CST	0		Source: Broadcast Media
Several trees and tree limbs as large as 5 to 8 inches in diameter, as well as a number of utility poles, were downed on the north side of Rockford and into Loves Park. One home was severely damaged when a large tree limb fell onto the property.				
<b>WINNEBAGO COUNTY --- 0.1 SSE MACHESNEY PARK [42.35, -89.04]</b>				
	07/26/23 07:15 CST	0		Thunderstorm Wind (EG 61 kt)
	07/26/23 07:15 CST	0		Source: Public
Several trees, tree limbs, and power lines were reported down in Machesney Park.				
<b>BOONE COUNTY --- POPLAR GROVE AIRPORT [42.32, -88.83]</b>				
	07/26/23 07:29 CST	0		Thunderstorm Wind (MG 52 kt)
	07/26/23 07:29 CST	0		Source: Mesonet
A 60 mph gust was measured at the Poplar Grove Airport.				
<b>BOONE COUNTY --- 3.3 SW TIMBERLANE [42.29, -88.90]</b>				
	07/26/23 07:30 CST	0		Thunderstorm Wind (EG 52 kt)
	07/26/23 07:30 CST	0		Source: Public
Photos were shared of a large healthy pine tree near one foot in diameter that had been snapped along with several limbs around 6 inches in diameter.				
<b>MCHENRY COUNTY --- 1.0 NNW MARENGO [42.26, -88.61]</b>				
	07/26/23 07:40 CST	0		Thunderstorm Wind (EG 52 kt)
	07/26/23 07:40 CST	0		Source: Public
A report came in of a large tree approximately 6 to 8 inches in diameter that had fallen onto power lines.				
<b>MCHENRY COUNTY --- 0.9 E WOODSTOCK [42.32, -88.43]</b>				
	07/26/23 07:43 CST	0		Thunderstorm Wind (EG 52 kt)
	07/26/23 07:43 CST	0		Source: Public
Part of a tree was reported uprooted near Flagg Lane and Hickman Lane in Woodstock.				
<b>LAKE COUNTY --- 0.3 NNE PETITE LAKE [42.43, -88.12]</b>				
	07/26/23 07:53 CST	0		Thunderstorm Wind (EG 52 kt)
	07/26/23 07:53 CST	0		Source: Department of Highways
Power lines were downed on IL Route 59 north of Fox Lake Hills.				
<b>LAKE COUNTY --- 1.6 SE WAUCONDA [42.24, -88.12]</b>				
	07/26/23 08:01 CST	0		Thunderstorm Wind (EG 52 kt)
	07/26/23 08:01 CST	0		Source: Department of Highways

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Power lines were downed on US Route 12 near Old McHenry forcing a portion of the road to close and traffic to be rerouted.				
<b>LAKE COUNTY --- 1.3 WSW SYLVAN LAKE [42.23, -88.07]</b>				
	07/26/23 08:04 CST		0	Thunderstorm Wind (EG 52 kt)
	07/26/23 08:04 CST		0	Source: Department of Highways
Fairfield Road was blocked north of Old McHenry due to downed tree limbs.				
<b>LAKE COUNTY --- 0.9 NW LIBERTYVILLE [42.29, -87.96]</b>				
	07/26/23 08:10 CST		0	Thunderstorm Wind (EG 52 kt)
	07/26/23 08:10 CST		0	Source: Trained Spotter
Multiple trees between 8 and 12 inches in diameter were reported down off of Lake Street in Libertyville.				
<b>WINNEBAGO COUNTY --- 2.8 E WINNEBAGO [42.28, -89.18]</b>				
	07/26/23 09:00 CST		0	Lightning
	07/26/23 09:00 CST	1	0	Source: Broadcast Media
A man was injured when he was struck by lightning while visiting a Rockford cemetery . His condition was reported as unknown, but the man was responsive when paramedics arrived on scene.				
<b>A passing cold front brought strong storms to northern Illinois during the morning of July 26th. While these storms mostly remained sub-severe, they produced several instances of tree and power line damage. One man was also injured when he was reportedly struck by lightning.</b>				
<b>(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</b>				
	07/26/23 14:00 CST		0	Excessive Heat
	07/28/23 21:00 CST		0	
High temperatures ranging from the middle 80s to middle 90s and dewpoint temperatures in the upper 70s and lower 80s resulted in a few days of uncomfortably hot weather across northern and central Illinois from the 26th through the 28th. Each of the three days was progressively hotter than the previous with the 28th being the hottest. The afternoon of the 28th saw widespread heat indices in the 105-110° range with some spots seeing heat indices between 110 and 115°.				
<b>OGLE COUNTY --- 0.6 N POLO [41.99, -89.58]</b>				
	07/28/23 01:17 CST		0	Thunderstorm Wind (MG 56 kt)
	07/28/23 01:17 CST		0	Source: Trained Spotter
<b>LEE COUNTY --- 4.3 S COMPTON [41.64, -89.09]</b>				
	07/28/23 01:40 CST		0	Thunderstorm Wind (MG 56 kt)
	07/28/23 01:40 CST		0	Source: Mesonet
<b>OGLE COUNTY --- 0.3 N POLO [41.98, -89.58]</b>				
	07/28/23 02:15 CST		0	Thunderstorm Wind (MG 63 kt)
	07/28/23 02:15 CST		0	Source: Trained Spotter
<b>KENDALL COUNTY --- 0.5 WSW PLANO [41.66, -88.54]</b>				
	07/28/23 02:22 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 02:22 CST		0	Source: Law Enforcement
Kendall County Sheriff reported a tree approximately 22 inches in diameter had snapped at the trunk. This occurred near the intersection of Harve and Charles Streets in Plano. Time was estimated using radar.				
<b>IROQUOIS COUNTY --- 2.1 NNE ALONZO [40.60, -87.72]</b>				
	07/28/23 04:10 CST		0	Thunderstorm Wind (MG 65 kt)
	07/28/23 04:10 CST		0	Source: Mesonet
<b>DU PAGE COUNTY --- 0.5 E WARRENVILLE [41.82, -88.16]</b>				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 18:30 CST		0	Hail (1.25 in)
	07/28/23 18:30 CST		0	Source: Public
A report of 1.25" hail was received out of Warrenville via mPING.				
<hr/>				
<b>DU PAGE COUNTY --- 0.3 N WINFIELD [41.86, -88.16]</b>				
	07/28/23 18:43 CST		0	Hail (1.50 in)
	07/28/23 18:43 CST		0	Source: CoCoRaHS
Hail approximately 1.5" in diameter was reported out of Winfield via Cocorahs. It was remarked that the hail was putting dents in cars.				
<hr/>				
<b>DU PAGE COUNTY --- 0.5 NE WEST CHICAGO [41.89, -88.19]</b>				
	07/28/23 18:47 CST		0	Hail (1.00 in)
	07/28/23 18:47 CST		0	Source: Emergency Manager
Emergency management reported one inch hail near IL Rt 59 and Washington Ave in West Chicago.				
<hr/>				
<b>DU PAGE COUNTY --- 0.9 N WINFIELD [41.87, -88.16]</b>				
	07/28/23 18:50 CST		0	Hail (1.75 in)
	07/28/23 18:50 CST		0	Source: Public
A report of 1.75 inch hail came from just west of Central DuPage Hospital in Winfield. Time was estimated using radar.				
<hr/>				
<b>DU PAGE COUNTY --- 1.0 E WHEATON [41.87, -88.09]</b>				
	07/28/23 18:55 CST		0	Hail (1.00 in)
	07/28/23 18:55 CST		0	Source: Public
One inch hail was reported near the College Avenue Metra station in Wheaton. Time was estimated using radar.				
<hr/>				
<b>DU PAGE COUNTY --- 1.0 NE NORTHWOODS [41.91, -88.16]</b>				
	07/28/23 19:00 CST		0	Hail (1.25 in)
	07/28/23 19:00 CST		0	Source: Trained Spotter
A trained spotter reported 1.25 inch hail just west of Carol Stream. A picture of the hail was also received via Twitter. Time was estimated using radar.				
<hr/>				
<b>DU PAGE COUNTY --- 1.1 SW GLEN ELLYN [41.87, -88.08]</b>				
	07/28/23 19:00 CST		0	Hail (1.00 in)
	07/28/23 19:00 CST		0	Source: Public
One inch hail was reported southwest of Glen Ellyn via mPING.				
<hr/>				
<b>BOONE COUNTY --- 1.1 N BELVIDERE [42.27, -88.85]</b>				
	07/28/23 19:42 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 19:42 CST		0	Source: Public
Broken power poles and tree limbs up to 3 inches in diameter were reported broken in Belvidere via mPING.				
<hr/>				
<b>BOONE COUNTY --- 0.3 N CANDLEWICK LAKE [42.35, -88.86]</b>				
	07/28/23 20:10 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 20:10 CST		0	Source: Public
Several trees were reported down as well as siding that had been damaged on a home in the Candlewick Lake Subdivision north of Timberlane . Wind speed was estimated using radar.				
<hr/>				
<b>BOONE COUNTY --- POPLAR GROVE AIRPORT [42.32, -88.83]</b>				
	07/28/23 20:10 CST		0	Thunderstorm Wind (MG 53 kt)
	07/28/23 20:10 CST		0	Source: Mesonet
This gust was measured at the Poplar Grove Airport.				
<hr/>				
<b>OGLE COUNTY --- 2.1 WNW WOOSUNG [41.92, -89.58]</b>				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 20:50 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 20:50 CST		0	Source: Trained Spotter

A tree was reported down on a house and propane tank south of Polo near US Rt 52 and Sterling Rd. Wind speed was estimated using radar.

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### LEE COUNTY --- DIXON [41.84, -89.48]

	07/28/23 20:52 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 20:52 CST		0	Source: Public

Trees and electrical wires were reported down in Dixon. Wind speed was estimated using radar.

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### OGLE COUNTY --- POLO [41.98, -89.58]

	07/28/23 20:52 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 20:52 CST		0	Source: Trained Spotter

Several large tree limbs and branches were reported down across Polo. Wind speed was estimated using radar.

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### LEE COUNTY --- 0.1 SE AMBOY [41.72, -89.33]

	07/28/23 21:04 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 21:04 CST		0	Source: Social Media

A picture shared via social media shows a tree down on a home in Amboy. Wind speed was estimated using radar.

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

	07/28/23 21:15 CST		0	Thunderstorm Wind (EG 70 kt)
	07/28/23 21:20 CST		0	Source: Broadcast Media

Local broadcast media relayed to us reports and photos of extensive tree and power line damage in and around Mendota.

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### DE KALB COUNTY --- 1.7 W SOMONAUK [41.63, -88.71]

	07/28/23 21:25 CST		0	Thunderstorm Wind (MG 61 kt)
	07/28/23 21:25 CST		0	Source: Trained Spotter

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### LA SALLE COUNTY --- 3.7 NNW CATHARINE [41.57, -88.74], 3.1 NNW SHERIDAN [41.57, -88.71]

	07/28/23 21:25 CST		0	Tornado (EFU, L: 1.68 mi , W: 20 yd)
	07/28/23 21:27 CST		0	Source: NWS Storm Survey

Based on a clear path evident in high resolution satellite data, a tornado touched down near the intersection of N 44th and E 2225th roads and continued southeast before lifting west of E 2351st Road. The tornado appeared to occur along the leading edge of a gust front where radar indicated weak rotational convergence. Damage along the tornado's path was entirely to farm crops.

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### DE KALB COUNTY --- 0.6 SSW SYCAMORE [41.97, -88.68]

	07/28/23 21:30 CST		0	Hail (1.00 in)
	07/28/23 21:30 CST		0	Source: Public

A report of one inch hail was received via Spotter Network from south of Sycamore. Time was estimated using radar.

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### DE KALB COUNTY --- 0.8 SE SANDWICH [41.64, -88.61], 1.1 ESE SANDWICH [41.64, -88.60]

	07/28/23 21:32 CST		0	Tornado (EF0, L: 0.45 mi , W: 20 yd)
	07/28/23 21:33 CST		0	Source: NWS Storm Survey

According to high resolution satellite imagery and drone imagery provided by a private citizen, a brief tornado touched down near Harvey Creek Conservation Area Park on the southeast side of Sandwich. The tornado moved to the east-northeast crossing into Kendall County shortly after forming. The storm mainly impacted agricultural land but caused roof damage to an outbuilding south of Griswold Springs Road.

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### KENDALL COUNTY --- 1.1 ESE SANDWICH [41.64, -88.60], 1.3 ESE SANDWICH [41.64, -88.60]

	07/28/23 21:33 CST		0	Tornado (EF0, L: 0.33 mi , W: 20 yd)
	07/28/23 21:34 CST		0	Source: NWS Storm Survey

According to high resolution satellite imagery and drone imagery provided by a private citizen, a brief tornado touched down near Harvey Creek Conservation Area Park on the southeast side of Sandwich. The tornado moved to the east-northeast crossing into Kendall County shortly after forming. The storm mainly impacted agricultural land but caused roof damage to an outbuilding south of Griswold Springs Road.

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DE KALB COUNTY --- 0.9 NW SANDWICH [41.66, -88.63]</b>				
	07/28/23 21:34 CST		0	Thunderstorm Wind (MG 58 kt)
	07/28/23 21:34 CST		0	Source: Public
<b>KENDALL COUNTY --- 2.8 S NEWARK [41.49, -88.57], 0.1 ESE LISBON [41.48, -88.48]</b>				
	07/28/23 21:35 CST		0	Tornado (EF0, L: 4.89 mi , W: 80 yd)
	07/28/23 21:41 CST		0	Source: NWS Storm Survey
<p>This tornado began just west of Stephens Road north of US Rt. 52 and tracked east-southeastward toward the town of Lisbon. The most significant damage occurred as the tornado initially developed and tracked along and just north of US Route 52 west of Roods Road. Damage consistent with high-end EF-0 winds occurred with this narrow tornado, including large downed trees, and a few residences sustaining removal of roofing materials and damage to farm silos. Insulation material was found plastered on the east side of a pole barn on Stephens Road, and a broken window and siding damage was seen on the north side of Duane's Motel. The tornado crossed US Route 52, causing intermittent minor damage to trees as it moved toward Lisbon. The tornado appeared to lift in a field just east of Lisbon.</p>				
<b>KENDALL COUNTY --- 0.9 E MILLINGTON [41.56, -88.58]</b>				
	07/28/23 21:36 CST		0	Thunderstorm Wind (EG 70 kt)
	07/28/23 21:36 CST		0	Source: Emergency Manager
<p>Emergency management reported trees down on Crimmins Rd in Millington. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 0.1 WNW MILLBROOK [41.60, -88.55]</b>				
	07/28/23 21:37 CST		0	Thunderstorm Wind (EG 70 kt)
	07/28/23 21:37 CST		0	Source: Public
<p>A 15-20 inch diameter tree had been snapped in Millbrook. Time and wind speed were estimated using radar.</p>				
<b>DU PAGE COUNTY --- 1.9 S WHEATON [41.84, -88.11]</b>				
	07/28/23 21:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:45 CST		0	Source: Public
<p>A report came in of multiple trees downed in Wheaton. Time and wind speed were estimated using radar.</p>				
<b>KANE COUNTY --- 0.3 ENE BIG ROCK [41.76, -88.54]</b>				
	07/28/23 21:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:40 CST		0	Source: Social Media
<p>A picture shared via social media shows a large tree branch that had fallen onto a house. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 2.3 W HELMAR [41.55, -88.53]</b>				
	07/28/23 21:40 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 21:40 CST		0	Source: Public
<p>Pictures received show a barn with part of its roof blown off, damage to the barn door, and a small storage tank which had been knocked over. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 0.4 WSW PLANO [41.66, -88.54]</b>				
	07/28/23 21:42 CST		0	Thunderstorm Wind (EG 70 kt)
	07/28/23 21:42 CST		0	Source: Public
<p>Part of a fence was blown over in Plano in addition to several downed tree limbs. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 1.9 SSE YORKVILLE [41.62, -88.43]</b>				
	07/28/23 21:44 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:44 CST		0	Source: Public
<p>A large tree was snapped at the base along with several branches down in Yorkville. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 3.1 E LISBON [41.48, -88.42], 4.0 E LISBON [41.47, -88.40]</b>				
	07/28/23 21:44 CST		0	Tornado (EF0, L: 1.00 mi , W: 20 yd)
	07/28/23 21:45 CST		0	Source: NWS Storm Survey



## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A brief EF-0 tornado touched down in corn fields just east of Highway 47 and north of Whitewillow Rd east of Lisbon. It was on the ground for only a short time before lifting at Whitewillow Rd and Ashley Rd. Damage was confined to crops and a few trees which had large limbs broken off. High resolution satellite data showed a clear path in a corn field that corresponded to damage seen during an in-person damage survey, east of a tornado that lifted to the west. A gap in damage was noted between the tornado to the west and this tornado, giving confidence there were two separate tornadoes.</p>				
<b>DU PAGE COUNTY --- 0.8 NW YORK CENTER [41.87, -88.00]</b>				
	07/28/23 21:45 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:45 CST		0	Source: Public
<p>Large tree limbs were reported down in Lombard. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 0.3 WNW PLATTVILLE [41.53, -88.39]</b>				
	07/28/23 21:45 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 21:45 CST		0	Source: Public
<p>Multiple trees and several large branches were downed in Plattville. Time and wind speed were estimated using radar.</p>				
<b>DU PAGE COUNTY --- 0.3 E NAPERVILLE [41.77, -88.14]</b>				
	07/28/23 21:47 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:47 CST		0	Source: NWS Employee
<p>An NWS employee reported many large branches up to 8 inches in diameter down across central and eastern Naperville. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 1.8 SE BRISTOL [41.67, -88.40]</b>				
	07/28/23 21:49 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:49 CST		0	Source: Emergency Manager
<p>A utility pole had been blown down northeast of Yorkville. Time and wind speed were estimated using radar.</p>				
<b>KENDALL COUNTY --- 2.1 SE PLATTVILLE [41.51, -88.35]</b>				
	07/28/23 21:50 CST		0	Thunderstorm Wind (MG 70 kt)
	07/28/23 21:50 CST		0	Source: Public
<p>A report came in of a tree that had been uprooted in 80 mph winds which had been measured by a personal weather station.</p>				
<b>KENDALL COUNTY --- 1.0 NW MINOOKA [41.48, -88.28], 1.5 NE MINOOKA [41.49, -88.25]</b>				
	07/28/23 21:52 CST		0	Tornado (EF1, L: 1.59 mi, W: 225 yd)
	07/28/23 21:55 CST		0	Source: NWS Storm Survey
<p>This tornado touched down in a subdivision just east of Hare Rd and tracked east crossing Wildy Rd just prior to moving into western Will County. After crossing into Will County, the tornado produced a concentrated region of tree damage at a single homestead consistent with high-end EF-0 winds. The tornado then proceeded northeastward and intensified as it crossed the DuPage River at River Crossing Park, where numerous large trees were snapped and some structural damage to houses occurred consistent with winds near 95 mph. The tornado crossed I-55 just north of exit 251 and continued into the west side of Joliet to produce sporadic tree damage on the far north end of Joliet Junior College. It then moved across the Inwood Soccer Complex and lifted near McDonough Street and Joyce Road.</p>				
<b>GRUNDY COUNTY --- 0.6 NNE MINOOKA [41.46, -88.27], 1.1 ENE MINOOKA [41.46, -88.25]</b>				
	07/28/23 21:53 CST		0	Tornado (EF0, L: 0.82 mi, W: 250 yd)
	07/28/23 21:54 CST		0	Source: NWS Storm Survey
<p>This tornado initially touched down near the Minooka Primary Center and tracked east, roughly along and just north of East Church Street. The most significant damage occurred at the Apostolic Church on Church Street where winds appeared to have lifted about one quarter of the south-facing portion of the roof above an open archway. This damage appeared to be consistent with high-end EF-0 winds. A concentrated corridor of tree damage was then noted between East Church Street and East Coady Drive. This tornado continued to the east-northeast, crossing into Will County just north of E Church St. before moving across the Lake Chaminwood Preserve and I-55 at Canal Road. Several large trees were uprooted at Crane Composites as the tornado crossed US Route 6. This tornado appeared to have lifted over the Des Plaines River east of Cavalea Dr.</p>				
<b>GRUNDY COUNTY --- 2.9 WSW WAUPONSEE [41.25, -88.55]</b>				
	07/28/23 21:54 CST		0	Thunderstorm Wind (MG 62 kt)
	07/28/23 21:54 CST		0	Source: Public

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WILL COUNTY --- 1.1 ENE MINOOKA [41.46, -88.25], 5.3 E MINOOKA [41.46, -88.17]</b>				
	07/28/23 21:54 CST	0		Tornado (EF0, L: 4.28 mi , W: 250 yd)
	07/28/23 21:59 CST	0		Source: NWS Storm Survey
<p>This tornado initially touched down near the Minooka Primary Center in Grundy County and tracked east, roughly along and just north of East Church Street. The most significant damage occurred at the Apostolic Church on Church Street where winds appeared to have lifted about one quarter of the south -facing portion of the roof above an open archway. This damage appeared to be consistent with high-end EF-0 winds. A concentrated corridor of tree damage was then noted between East Church Street and East Coady Drive. This tornado continued to the east-northeast, crossing into Will County just north of E Church St. before moving across the Lake Chaminwood Preserve and I-55 at Canal Road. Several large trees were uprooted at Crane Composites as the tornado crossed US Route 6. This tornado appeared to have lifted over the Des Plaines River east of Cavalea Dr.</p>				
<b>COOK COUNTY --- 0.5 WSW LINCOLN SQUARE [41.97, -87.70]</b>				
	07/28/23 21:55 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 21:55 CST	0		Source: Social Media
<p>A video shared via social media showed trees and tree limbs being blown down in the Lincoln Square neighborhood of Chicago . Time was estimated by radar.</p>				
<b>GRUNDY COUNTY --- 1.4 SE WAUPONSEE [41.26, -88.48]</b>				
	07/28/23 21:55 CST	0		Thunderstorm Wind (MG 54 kt)
	07/28/23 21:55 CST	0		Source: Mesonet
<b>WILL COUNTY --- 1.5 NE MINOOKA [41.49, -88.25], 7.0 ESE JOLIET [41.52, -88.14]</b>				
	07/28/23 21:55 CST	0		Tornado (EF1, L: 5.98 mi , W: 225 yd)
	07/28/23 22:02 CST	0		Source: NWS Storm Survey
<p>This tornado touched down in a subdivision just east of Hare Rd in Kendall County and tracked east crossing Wildy Rd just prior to moving into western Will County. After crossing into Will County, the tornado produced a concentrated region of tree damage at a single homestead consistent with high-end EF-0 winds. The tornado then proceeded northeastward and intensified as it crossed the DuPage River at River Crossing Park, where numerous large trees were snapped and some structural damage to houses occurred consistent with winds near 95 mph. The tornado crossed I-55 just north of exit 251 and continued into the west side of Joliet to produce sporadic tree damage on the far north end of Joliet Junior College. It then moved across the Inwood Soccer Complex and lifted near McDonough Street and Joyce Road.</p>				
<b>WILL COUNTY --- 2.0 NW LORENZO [41.37, -88.24]</b>				
	07/28/23 21:56 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 21:56 CST	0		Source: Social Media
<p>A photo shared via social media showed part of a large tree had fallen onto a driveway in Channahon. Time was estimated using radar.</p>				
<b>COOK COUNTY --- 0.1 ENE ROGERS PARK [42.01, -87.67]</b>				
	07/28/23 21:57 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 21:57 CST	0		Source: Social Media
<p>Photos shared via social media showed large tree branches downed in the Rogers Park neighborhood of Chicago. Time was estimated using radar.</p>				
<b>WILL COUNTY --- 0.1 NNE SHOREWOOD [41.52, -88.20]</b>				
	07/28/23 21:57 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 21:57 CST	0		Source: Public
<p>Multiple reports were received of tree damage in Shorewood. Time was estimated using radar.</p>				
<b>COOK COUNTY --- 0.5 SSW OAK PARK [41.88, -87.78]</b>				
	07/28/23 21:58 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 21:58 CST	0		Source: Social Media
<p>Photo shared via social media showed a large tree limb which had been blown down in Oak Park. Time was estimated using radar.</p>				
<b>COOK COUNTY --- 0.6 SSE UPTOWN [41.96, -87.65]</b>				
	07/28/23 21:59 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 21:59 CST	0		Source: Broadcast Media
<p>Broadcast media relayed a report of a tree snapped about halfway up along the Lakefront Trail in Montrose Harbor.</p>				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DU PAGE COUNTY --- 0.3 NNE HINSDALE [41.80, -87.93]</b>				
	07/28/23 21:59 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 21:59 CST		0	Source: Social Media
Photo shared via social media showed a large tree which had been uprooted in Hinsdale. Time was estimated using radar.				
<b>WILL COUNTY --- 2.1 ENE LORENZO [41.36, -88.17], 2.3 NNW SYMERTON [41.36, -88.07]</b>				
	07/28/23 21:59 CST		0	Tornado (EF0, L: 5.13 mi , W: 60 yd)
	07/28/23 22:05 CST		0	Source: NWS Storm Survey
This tornado occurred entirely within the Midewin National Tallgrass Prairie in Wilmington . It dropped just north of where Boathouse FS Rd crosses Prairie Creek and traversed eastward across the Prairie, crossing IL Rt. 53 in the process. Numerous instances of tree damage were noted, including several oak trees whose tops had been snapped. The storm dissipated on the east side of the Prairie shortly before a second tornado dropped near the park's eastern periphery.				
<b>GRUNDY COUNTY --- 1.8 W CHANNAHON [41.41, -88.28]</b>				
	07/28/23 22:00 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 22:00 CST		0	Source: NWS Employee
An NWS employee estimated a 60-70 mph gust. Nearby observations and damage suggest the gust was likely closer to 70 mph.				
<b>GRUNDY COUNTY --- 2.1 WNW CHANNAHON [41.42, -88.29]</b>				
	07/28/23 22:00 CST		0	Thunderstorm Wind (MG 70 kt)
	07/28/23 22:00 CST		0	Source: Trained Spotter
This gust was recorded on a personal weather station.				
<b>KANE COUNTY --- 0.8 NNE MOOSEHEART [41.83, -88.32]</b>				
	07/28/23 22:02 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:02 CST		0	Source: Public
Multiple reports were received of tree damage in the North Aurora and Batavia area. Time was estimated using radar.				
<b>KANE COUNTY --- 1.6 W AURORA [41.76, -88.35]</b>				
	07/28/23 22:02 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:02 CST		0	Source: Public
A tree was reported down near Aurora University. Time was estimated using radar.				
<b>WILL COUNTY --- 1.0 SSW LAKEWOOD SHORES [41.27, -88.15]</b>				
	07/28/23 22:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:09 CST		0	Source: Public
Trees were reported down at multiple residences along the Kankakee River in Wilmington. Time was estimated using radar.				
<b>WILL COUNTY --- 1.1 WSW BRAIDWOOD [41.26, -88.24]</b>				
	07/28/23 22:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:05 CST		0	Source: Emergency Manager
Several trees approximately 12 inches in diameter were uprooted near the intersection of Main Street and Cook Street in Braidwood.				
<b>WILL COUNTY --- 2.0 NNE SYMERTON [41.36, -88.04], 1.5 SW ANDRES [41.35, -87.90]</b>				
	07/28/23 22:07 CST		0	Tornado (EF0, L: 7.14 mi , W: 60 yd)
	07/28/23 22:15 CST		0	Source: NWS Storm Survey
To the east of the tornado that lifted over Midewin National Tallgrass Prairie , a second tornado began near South Warner Bridge Road between Wilton Center and West Doyle Roads. Here, several trees were uprooted and numerous large limbs were downed. One tree fell onto a residence, resulting in roof damage. Shingle loss and damage to gutters, siding, fascia, and soffit were all consistent with high-end EF-0 winds near 85 mph. The tornado tracked nearly due east to the north of West Arsenal Road , causing intermittent minor damage to corn and trees. The tornado moved southeast and crossed West Arsenal Road just west of US Route 52. At this point, the tornado was likely less than 15 yards wide with winds around 60 mph. It continued eastward, crossing north of West Joliet Road near Laughton Preserve . The tornado appeared to have continued east a few more miles before dissipating in a field just west of US Route 45.				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>WILL COUNTY --- 0.3 WNW MANHATTAN [41.42, -87.99]</b>				
	07/28/23 22:10 CST		0	Thunderstorm Wind (MG 71 kt)
	07/28/23 22:10 CST		0	Source: Trained Spotter
A trained spotter called in with a report of an 81 mph gust recorded on a personal weather station and a metal canopy that had been blown off of a nearby restaurant.				
<b>WILL COUNTY --- 2.0 ENE CHICAGOLAND SPEEDWAY [41.48, -88.02]</b>				
	07/28/23 22:13 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:13 CST		0	Source: Trained Spotter
A power pole was reported snapped east of Preston Heights. Time was estimated using radar.				
<b>WILL COUNTY --- 3.7 WSW NAPERVILLE [41.70, -88.22]</b>				
	07/28/23 22:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:15 CST		0	Source: Trained Spotter
Several trees were reported down in the Tall Grass subdivision of Naperville. Time was estimated using radar.				
<b>WILL COUNTY --- 0.2 S LOCKPORT [41.59, -88.05]</b>				
	07/28/23 22:16 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:16 CST		0	Source: Public
A power pole was reported down in Lockport. Time was estimated using radar.				
<b>WILL COUNTY --- 4.2 SSW FRANKFORT [41.44, -87.88]</b>				
	07/28/23 22:16 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:16 CST		0	Source: Emergency Manager
A portion of roofing was torn off of the Frankfort Fire District 73 training center. Time was estimated using radar.				
<b>KANKAKEE COUNTY --- 2.2 NE LIMESTONE [41.16, -87.95], 1.4 ENE KANKAKEE [41.13, -87.84]</b>				
	07/28/23 22:19 CST		0	Tornado (EF0, L: 6.07 mi , W: 350 yd)
	07/28/23 22:24 CST		0	Source: NWS Storm Survey
This tornado began in the area of the River Bend neighborhood south of Route 113 and west of Kankakee, where multiple trees were uprooted or had large limbs snapped. The tornado appeared to cross Route 113 near the First Baptist Church and produced concentrated tree damage along Springview Drive. It then moved east into Bradley and Kankakee, where sporadic tree damage was observed into the Pioneer Park area. The tree damage again became more significant as the tornado moved toward Hammes Avenue , especially north of Spruce Street, where numerous trees were uprooted or had limbs snapped. In the area beyond this point to the east of I-57, there was no additional damage observed, but that area is much less developed compared to areas west of the interstate. Along this entire route, little to no structural damage was observed, though the Valspar facility along Fair Street had a partial collapse of one wall. The storm lifted just after crossing I-57 near Green Street. South of the track, sporadic straight-line wind damage was observed.				
<b>KANKAKEE COUNTY --- 14.8 SE RITCHIE [41.11, -87.89]</b>				
	07/28/23 22:22 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:22 CST		0	Source: Broadcast Media
Broadcast media relayed a report of a tree down on IL Route 115 southwest of Kankakee. Time was estimated using radar.				
<b>WILL COUNTY --- 2.4 SSW PEOTONE [41.30, -87.80], 1.9 S PEOTONE [41.30, -87.78]</b>				
	07/28/23 22:22 CST		0	Tornado (EFU, L: 1.46 mi , W: 15 yd)
	07/28/23 22:24 CST		0	Source: NWS Storm Survey
Drone footage and high resolution satellite data revealed that a tornado touched down near north of E 12000N Road just east of S Rathje Road south of Peotone and lifted in a field between S Dreckler Road and S Ridgeland Avenue . This tornado was on the ground for less than 2 minutes and was around 15 yards wide. The only damage noted was to crops, namely soybeans.				
<b>KANKAKEE COUNTY --- 0.2 NNE BRADLEY [41.14, -87.86]</b>				
	07/28/23 22:23 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:23 CST		0	Source: Public
Trees and power lines were reported down in Bradley. Time was estimated using radar.				

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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<b>WILL COUNTY --- 0.6 SE MOKENA [41.52, -87.87]</b>	07/28/23 22:27 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 22:27 CST	0		Source: Public

Photos shared via social media showed trees uprooted and large tree limbs snapped at a campground in the Hickory Creek Preserve. Time was estimated using radar.

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<b>COOK COUNTY --- 1.6 S ALPINE [41.57, -87.88]</b>	07/28/23 22:28 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 22:28 CST	0		Source: Trained Spotter

A trained spotter reported 6-inch diameter tree branches had been downed in the area. The spotter estimated 60 mph winds.

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<b>COOK COUNTY --- 0.8 W HOMEWOOD [41.56, -87.67]</b>	07/28/23 22:30 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 22:30 CST	0		Source: Social Media

Photos shared via social media show large tree limbs downed in Homewood. Time was estimated using radar.

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<b>KANKAKEE COUNTY --- 0.6 ENE BOURBONNAIS [41.17, -87.87]</b>	07/28/23 22:30 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 22:30 CST	0		Source: Public

A large tree was reported down at a residence on Yale Court in Bourbonnais.

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<b>KANKAKEE COUNTY --- 1.8 NNE SUN RIVER TERRACE [41.16, -87.72], 0.9 WNW AHERN [41.16, -87.62]</b>	07/28/23 22:30 CST	0		Tornado (EF1, L: 5.51 mi , W: 90 yd)
	07/28/23 22:36 CST	0		Source: NWS Storm Survey

This tornado began just west of 8000 East Road at 2500 North Road west of Mokenca, based upon drone imagery provided by the Kankakee County Emergency Management Agency. The tornado produced EF-0 damage to a farm near the aforementioned intersection with damage to tree branches and part of a metal outbuilding roof damaged. The tornado continued east just south of 2500 North Road with a narrow, convergent path evident in a corn field from drone imagery. The tornado's intensity briefly weakened in the immediate vicinity of the Kankakee River with only limited tree damage noted. Just east of River South Road, the tornado again intensified as it moved through fields toward IL-17. Drone footage again indicated a narrow path of convergent damage in corn fields until the tornado moved into the backyards of a few residences on River South Road, causing significant damage to multiple trees. As the tornado moved east, drone footage revealed additional corn flattened in the field southwest of the Van Drunen Farms building . The tornado then struck a row of two-story apartment homes on Harvard Street, removing the roof and a portion of the upper-level walls from one of them and depositing the debris over the next couple of blocks to the east. Damage to the adjacent apartment homes was very minor. East of Harvard Street, there was little to no additional structural damage, but there was considerable damage to trees and power lines, especially along Indiana Street. East of Mokenca, the tornado continued along Route 114. Just west of N 13250E Road, it removed part of the roof of a metal outbuilding while snapping and uprooting additional trees. Little to no additional tornado damage was observed east of the intersection of Route 114 and N 13250E Road.

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<b>COOK COUNTY --- 0.3 NNW THORNTON [41.57, -87.61]</b>	07/28/23 22:33 CST	0		Thunderstorm Wind (EG 52 kt)
	07/28/23 22:33 CST	0		Source: Public

A large tree limb was downed onto a car in Thornton. Time was estimated using radar.

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<b>COOK COUNTY --- 0.4 ENE LANSING [41.56, -87.53]</b>	07/28/23 22:34 CST	0		Thunderstorm Wind (EG 61 kt)
	07/28/23 22:34 CST	0		Source: Public

Multiple trees were uprooted in Lansing. Time was estimated using radar.

July 28th saw two rounds of severe storms move across the Chicago metro, one during the predawn hours of the morning and another during the evening. The first round brought isolated instances of damaging wind to the area and the second featured damaging winds, severe hail, and 13 tornadoes across the WFO Chicago CWA: 11 in Illinois and 2 in Indiana. Additionally, temperatures in the 90s and high humidity resulted in oppressively hot conditions with afternoon heat indices as high as 105-115°F.

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON</b>				
	07/01/23 00:00 CST		0	Drought
	07/18/23 07:00 CST		0	

<b>(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON</b>				
	07/01/23 00:00 EST		0	Drought
	07/18/23 08:00 EST		0	

An abnormally dry start to summer 2023 carried over into July with the majority of the CWA entering the month in a severe drought. However, several noteworthy rain events throughout the month brought a good deal of relief to much of the area. By the middle of the month, all of northwest Indiana had been pulled out of the severe drought.

<b>PORTER COUNTY --- 1.4 WNW WOODVILLE [41.56, -87.07]</b>				
	07/15/23 15:30 CST		0	Thunderstorm Wind (EG 52 kt)
	07/15/23 15:30 CST		0	Source: Amateur Radio

A large tree was blown down and blocked County Road 900N near Meridian Road. Time was estimated using radar.

Isolated thunderstorms brought small hail and gusty winds to parts of northwest Indiana during the afternoon of the 15th. While these storms were believed to be sub-severe, one large tree was blown over in Chesterton.

<b>(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON</b>				
	07/26/23 15:00 CST		0	Excessive Heat
	07/28/23 20:00 CST		0	

<b>(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON</b>				
	07/26/23 16:00 EST		0	Excessive Heat
	07/28/23 21:00 EST		0	

High temperatures ranging from the middle 80s to middle 90s and dewpoint temperatures in the upper 70s and lower 80s resulted in a few days of uncomfortably hot weather across northwest Indiana from the 26th through the 28th. Each of the three days was progressively hotter than the previous with the 28th being the hottest. The afternoon of the 28th saw widespread heat indices in the 105-110° range.

<b>PORTER COUNTY --- 0.5 ENE VALPARAISO [41.47, -87.05]</b>				
	07/28/23 04:21 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 04:21 CST		0	Source: Social Media

A photo shared via social media shows a 2 to 4 inch diameter tree branch had been snapped near Oak St and Garfield St. Wind speed was estimated using radar.

<b>LAKE COUNTY --- 0.3 NW HIGHLAND [41.55, -87.45]</b>				
	07/28/23 22:38 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 22:38 CST		0	Source: Trained Spotter

A photo shared by a trained spotter showed a large tree limb which had been downed in Highland.

<b>LAKE COUNTY --- 0.8 SW MUNSTER [41.55, -87.52]</b>				
	07/28/23 22:40 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 22:40 CST		0	Source: Public

Sections of a roof were blown off of a home on Timrick Drive in Munster.

<b>LAKE COUNTY --- 1.0 SSE MUNSTER [41.55, -87.50]</b>				
	07/28/23 22:40 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 22:40 CST		0	Source: Social Media

A photo shared via social media showed a large tree uprooted in Munster.

<b>LAKE COUNTY --- 0.2 NNE GRIFFITH [41.53, -87.43]</b>				
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## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/28/23 22:43 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 22:43 CST		0	Source: Public

Several trees were reported down in Griffith including one that had fallen onto a car . A photo shared also showed a light pole that had fallen onto a baseball field.

<b>NEWTON COUNTY --- 2.0 W MOROCCO [40.94, -87.49], 0.8 W MOROCCO [40.94, -87.47]</b>				
	07/28/23 22:49 CST		0	Tornado (EF0, L: 1.22 mi , W: 20 yd)
	07/28/23 22:51 CST		0	Source: NWS Storm Survey

Based upon drone imagery provided by the Newton County Emergency Management Agency , this tornado touched down in a field north of 400S Road at 500W Road west of Morocco. The tornado tracked to the east-southeast over mainly rural areas, damaging a few trees. This tornado left a narrow, convergent path of flattened corn over most of its track.

<b>LAKE COUNTY --- 0.2 NNW LOWELL [41.29, -87.42]</b>				
	07/28/23 22:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:50 CST		0	Source: Trained Spotter

A trained spotter reported widespread tree damage across Lowell.

<b>LAKE COUNTY --- 0.2 WSW LIVERPOOL [41.55, -87.30]</b>				
	07/28/23 22:50 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:50 CST		0	Source: Public

Multiple trees were reported snapped or uprooted on the northwest side of Hobart.

<b>LAKE COUNTY --- 1.3 SE CROWN POINT [41.41, -87.35]</b>				
	07/28/23 22:50 CST		0	Thunderstorm Wind (EG 61 kt)
	07/28/23 22:50 CST		0	Source: Trained Spotter

A trained spotter reported a large pine tree had snapped in Crown Point.

<b>LAKE COUNTY --- 1.4 NE NORTH HAYDEN [41.30, -87.44]</b>				
	07/28/23 22:50 CST		0	Thunderstorm Wind (MG 69 kt)
	07/28/23 22:50 CST		0	Source: Trained Spotter

This gust was recorded on a personal weather station.

<b>PORTER COUNTY --- 1.5 WNW CROCKER [41.60, -87.15]</b>				
	07/28/23 22:53 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:53 CST		0	Source: Social Media

A photo shared on social media showed a large tree limb which had fallen onto a fence.

<b>LAKE COUNTY --- 0.6 SSW WINFIELD [41.42, -87.24]</b>				
	07/28/23 22:54 CST		0	Thunderstorm Wind (EG 52 kt)
	07/28/23 22:54 CST		0	Source: Public

A tree was uprooted near Winfield.

<b>NEWTON COUNTY --- 1.3 NNW BEAVER CITY [40.93, -87.42]</b>				
	07/28/23 22:54 CST		0	Thunderstorm Wind (EG 56 kt)
	07/28/23 22:54 CST		0	Source: Public

Southeast of Morocco, a grain bin was tossed, power lines were downed, tops were sheared off of trees, and corn was flattened.

<b>NEWTON COUNTY --- 1.4 NNW BEAVER CITY [40.93, -87.42], 1.0 N BEAVER CITY [40.92, -87.41]</b>				
	07/28/23 22:54 CST		0	Tornado (EF0, L: 0.63 mi , W: 30 yd)
	07/28/23 22:55 CST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Based upon drone imagery provided by the Newton County Emergency Management Agency , this tornado touched down in a field northwest of 500S Road at 125W Road southeast of Morocco. The tornado tracked to the southeast over mainly rural areas, destroying a grain bin and damaging a few trees. The grain bin appeared empty but was anchored to the foundation; only a few anchors remained attached to foundation. This tornado left a narrow, convergent path of flattened corn over most of its track.

**JASPER COUNTY --- 0.3 N DEMOTTE [41.19, -87.20]**

07/28/23 23:02 CST	0	Thunderstorm Wind (EG 52 kt)
07/28/23 23:02 CST	0	Source: Public

Large tree branches were downed in DeMotte.

**JASPER COUNTY --- 1.3 SSE COLLEGEVILLE [40.89, -87.14]**

07/28/23 23:12 CST	0	Thunderstorm Wind (EG 52 kt)
07/28/23 23:12 CST	0	Source: Public

Multiple trees were snapped and patches of corn were flattened southeast of Collegeville.

July 28th saw two rounds of severe storms move across portions of northwest Indiana, one during the predawn hours of the morning and another during the evening. The first round brought isolated instances of damaging wind to the area and the second featured damaging winds, severe hail, and 13 tornadoes across the WFO Chicago CWA: 11 in Illinois and 2 in Indiana. Additionally, temperatures in the 90s and high humidity resulted in oppressively hot conditions with afternoon heat indices as high as 105-110°F.

**(IN-Z001) LAKE**

07/29/23 13:55 CST	1	0	Rip Current
07/29/23 13:55 CST		0	

Direct Fatalities: M18IW

During the afternoon of the 29th, first responders were dispatched to Miller Beach in Gary, Indiana for a possible drowning due to a rip current. A search and rescue ensued but was hindered due to rip currents and 3 to 6 foot waves. Around 5PM CST, the body of an 18 year old man was recovered from the water. At the time of the incident, winds were out of the north at 15 to 20 kt and a beach hazards statement was in effect for 3 to 6 foot waves and dangerous rip currents.

### LAKE MICHIGAN

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

07/05/23 13:54 CST	0	Marine Thunderstorm Wind (MG 38 kt)
07/05/23 13:54 CST	0	Source: C-MAN Station

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

07/05/23 18:12 CST	0	Marine Thunderstorm Wind (MG 36 kt)
07/05/23 18:12 CST	0	Source: C-MAN Station

**BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY HARBOR [41.72, -86.92]**

07/05/23 18:48 CST	0	Marine Thunderstorm Wind (MG 44 kt)
07/05/23 18:48 CST	0	Source: C-MAN Station

A cluster of strong thunderstorms brought torrential rainfall and gusty winds over southern Lake Michigan during the afternoon and evening of the 5th.

**WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.7 WSW HARRISON-DEVER CRIB [41.91, -87.60]**

07/12/23 17:32 CST	0	Waterspout
07/12/23 17:33 CST	0	Source: Social Media

A video shared via Twitter showed a waterspout over Lake Michigan east of North Avenue Beach. Time estimated using radar.

**WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.1 WSW HARRISON-DEVER CRIB [41.92, -87.59]**



## Storm Data and Unusual Weather Phenomena - July 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/12/23 18:30 CST		0	Waterspout
	07/12/23 18:31 CST		0	Source: Public

A video shared shows a waterspout spinning a few miles offshore east of North Avenue Beach.

A video shared via Twitter showed a waterspout over Lake Michigan east of North Avenue Beach.

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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	07/14/23 21:00 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	07/14/23 21:00 CST		0	Source: C-MAN Station

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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- CHICAGO BUOY [41.89, -87.56]				
	07/14/23 21:10 CST		0	Marine Thunderstorm Wind (MG 43 kt)
	07/14/23 21:10 CST		0	Source: Buoy

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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WILMETTE BUOY [42.14, -87.66]				
	07/14/23 21:10 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/14/23 21:10 CST		0	Source: Buoy

A swath of thunderstorms moved over southern Lake Michigan during the late evening of the 14th bringing strong winds and heavy rain to the area.

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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY HARBOR [41.72, -86.92]				
	07/26/23 10:14 CST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/26/23 10:14 CST		0	Source: C-MAN Station

A cluster of thunderstorms brought heavy rain and strong winds over southern Lake Michigan during the morning of the 26th.

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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 0.8 NE MONTROSE HARBOR [41.97, -87.63]				
	07/28/23 21:59 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	07/28/23 21:59 CST		0	Source: Mesonet

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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WILMETTE BUOY [42.14, -87.66]				
	07/28/23 22:00 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/28/23 22:00 CST		0	Source: Buoy

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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	07/28/23 22:04 CST		0	Marine Thunderstorm Wind (MG 51 kt)
	07/28/23 22:04 CST		0	Source: C-MAN Station

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WILMETTE HARBOR TO MICHIGAN CITY IN 5NM OFFSHORE TO MID LAKE COUNTY --- 14.9 ENE HARRISON-DEVER CRIB [42.00, -87.30]				
	07/28/23 22:30 CST		0	Marine High Wind (MG 55 kt)
	07/28/23 22:30 CST		0	Source: Mariner

This gust was recorded by a ship behind the main line of strong to severe storms.

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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY HARBOR [41.72, -86.92]				
	07/28/23 22:50 CST		0	Marine Thunderstorm Wind (MG 41 kt)
	07/28/23 22:50 CST		0	Source: C-MAN Station

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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	07/28/23 22:56 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	07/28/23 22:56 CST		0	Source: C-MAN Station

During the evening of July 28th, a line of severe storms brought damaging wind and hail as well as 13 tornadoes to the WFO Chicago CWA. These storms remained strong as they moved offshore over Lake Michigan and left gusty winds in their wake.