

Storm Data and Unusual Weather Phenomena - September 2022

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

KENDALL COUNTY --- 1.0 E OSWEGO [41.68, -88.33]

09/11/22 06:05 CST		0	Thunderstorm Wind (EG 50 kt)
09/11/22 06:05 CST		0	Source: Social Media

A photo shared on social media showed a healthy 9 inch diameter tree limb snapped near Cheshire Court and Canton Drive.

KENDALL COUNTY --- 1.0 NW OSWEGO [41.69, -88.36], 1.0 NE OSWEGO [41.69, -88.34], 1.0 SE OSWEGO [41.67, -88.34], 1.0 SW OSWEGO [41.67, -88.36]

09/11/22 06:15 CST		0	Flood (due to Heavy Rain)
09/11/22 11:00 CST		0	Source: Public

Street flooding was reported in Oswego.

DU PAGE COUNTY --- 2.0 NW NAPERVILLE [41.79, -88.18], 2.0 NE NAPERVILLE [41.79, -88.12], 3.0 SSE NAPERVILLE [41.73, -88.12], 3.0 SSW NAPERVILLE [41.73, -88.18]

09/11/22 07:00 CST		0	Flood (due to Heavy Rain)
09/11/22 11:00 CST		0	Source: Public

Street flooding was reported in Naperville. Rainfall of 5.61 inches was measured six miles south southwest of Naperville with 2.6 inches falling in about one hour ending at 7:15 am CST.

DU PAGE COUNTY --- 0.4 SW WESTMONT [41.80, -87.98], 0.4 SW WESTMONT [41.80, -87.97], 0.4 SW WESTMONT [41.80, -87.97], 0.4 SW WESTMONT [41.80, -87.98]

09/11/22 07:30 CST		0	Flash Flood (due to Heavy Rain)
09/11/22 11:15 CST		0	Source: NWS Employee

The intersection of Burlington Avenue and Cass Avenue was flooded with 6 to 8 inches of flowing water just north of the train tracks.

DU PAGE COUNTY --- 1.0 SE DOWNERS GROVE [41.80, -88.00], 1.1 ESE DOWNERS GROVE [41.80, -87.99], 1.1 W WESTMONT [41.80, -87.99], 1.1 SE DOWNERS GROVE [41.80, -88.00]

09/11/22 07:30 CST		0	Flood (due to Heavy Rain)
09/11/22 11:15 CST		0	Source: Social Media

Photos shared on social media showed portions of Hummer Park were flooded from the north branch of St. Joseph Creek. The park was designed to flood in heavy rain events. Rainfall of 4.78 inches was measured in Downers Grove with 2.87 inches falling in one hour ending at 7:45 am CST.

COOK COUNTY --- 0.8 E MONT CLARE [41.93, -87.79], 1.0 WSW JEFFERSON PARK [41.98, -87.79], 0.3 SW LINCOLNWOOD [42.00, -87.73], 1.7 NE LINCOLNWOOD [42.02, -87.71], 0.7 NNE ROGERS PARK [42.02, -87.66], 0.3 E EDGEWATER [41.99, -87.65], 0.8 SSE UPTOWN [41.96, -87.64], 0.2 ENE CRAGIN [41.93, -87.75]

09/11/22 08:09 CST		3.10M	Flash Flood (due to Heavy Rain)
09/11/22 11:15 CST		0	Source: Broadcast Media

A supercell thunderstorm moved across portions of central Cook County and the north side of Chicago producing a narrow swath of torrential rainfall with amounts of 4 to 6 inches. Flash flooding developed across many areas with streets quickly becoming flooded which numerous stranded vehicles in the flood waters. A car was stuck in flood waters in the 4800 block of Ravenswood Avenue where a woman and two children were rescued. Significant flooding occurred along Foster, Lawrence and Bryn Mawr Avenues where cars were stalled in flood waters and some drivers needed to be rescued. A car was stuck in a flooded viaduct at 1800 Foster Avenue. A car was stuck in a flooded viaduct at Foster Avenue and Lake Shore Drive. A car was stuck in flood waters in the 2700 block of Diversey Avenue. A photo was shared on social media showing three cars stuck in flood waters near Irving Park Road and Kilbourne Avenue. Numerous residential streets were flooded with 1 to 2 feet of standing water. A nursing home was flooded along Western Avenue. An estimated 2,000 basements suffered some amount of flooding. Water was seen shooting up from various sewers which was likely due to pressure differences in the vast sewer system and the localized nature of the heaviest rain.

The highest rainfall totals included 5.90 inches in Lincoln Square where about 4 inches fell in 75 minutes ending at 8:55 am CST; 5.86 inches in Portage Park where about 3.4 inches fell in one hour ending at 8:30 am CST and 5.63 inches in Albany Park where about 3.5 inches fell in one hour ending at 8:40 am CST.

The City of Chicago reported 8 homes suffered major water damage resulting in \$84,000 in damages; 309 homes suffered minor water damage resulting in \$2,519,000 in damages and 52 businesses suffered minor water damage resulting in \$503,000 in damages. Damage amounts were unknown for the remaining affected homes as well as vehicles that were affected by flooding.

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COOK COUNTY --- 0.7 SE MAYWOOD [41.87, -87.83], 0.4 SW FOREST PARK [41.88, -87.82], 0.4 SSE FOREST PARK [41.88, -87.81], 0.6 SSE FOREST PARK [41.87, -87.81], 0.8 SE MAYWOOD [41.87, -87.83]				
	09/11/22 09:10 CST		0	Flash Flood (due to Heavy Rain)
	09/11/22 11:15 CST		0	Source: Broadcast Media
Interstate 290 was closed due to flooding near Des Plaines Avenue.				
LAKE COUNTY --- 0.6 SE HIGHLAND LAKE [42.35, -88.05], 0.6 ENE GRAYSLAKE [42.35, -88.03], 1.3 SSE GRAYSLAKE [42.33, -88.03], 1.0 ESE HAINESVILLE [42.33, -88.05]				
	09/11/22 13:00 CST		0	Flood (due to Heavy Rain)
	09/11/22 18:00 CST		0	Source: Public
Street flooding was reported in Grayslake. Rainfall of 4.70 inches was measured one mile north northeast of Mundelein.				
COOK COUNTY --- 0.8 NNE DES PLAINES [42.04, -87.89], 1.4 ENE DES PLAINES [42.04, -87.88], 1.2 E DES PLAINES [42.03, -87.88], 0.4 ESE DES PLAINES [42.03, -87.89]				
	09/11/22 13:29 CST		0	Flood (due to Heavy Rain)
	09/11/22 16:30 CST		0	Source: Public
Street flooding was reported in Des Plaines.				
<p>Scattered thunderstorms produced heavy rain during the morning of September 11th. A narrow swath of torrential rain fell across portions of the north side of Chicago causing widespread flash flooding and at least 2,000 basements to flood. Rainfall amounts of 2 to 4 inches were common across much of northern Illinois with a heavier swath of 4 to 6 inches over northwest Illinois and over northeast Illinois including central DuPage and central Cook Counties.</p>				
KANE COUNTY --- 1.2 W GENEVA [41.89, -88.35]				
	09/18/22 21:43 CST		0	Hail (1.25 in)
	09/18/22 21:44 CST		0	Source: CoCoRaHS
Hail as large as 1.25 inches in diameter was reported on the west side of Geneva which knocked down twigs and leaves.				
KANE COUNTY --- GENEVA [41.89, -88.33]				
	09/18/22 21:46 CST		0	Hail (1.50 in)
	09/18/22 21:50 CST		0	Source: Social Media
Multiple reports of hail ranging from 1 inch to 1.50 inches in diameter were received from Geneva.				
KANE COUNTY --- 1.9 ENE ST CHARLES [41.92, -88.28]				
	09/18/22 21:50 CST		0	Hail (1.50 in)
	09/18/22 21:53 CST		0	Source: Public
Hail 1.50 inches in diameter was measured near the intersection of Kirk Road and Main Street.				
LIVINGSTON COUNTY --- 7.7 S FLANAGAN [40.77, -88.85]				
	09/18/22 22:23 CST		0	Thunderstorm Wind (EG 50 kt)
	09/18/22 22:23 CST		0	Source: Law Enforcement
Power lines were blown down at the intersection of County Roads 1000 N and 400 E.				
LIVINGSTON COUNTY --- PONTIAC [40.88, -88.63]				
	09/18/22 22:54 CST		0	Thunderstorm Wind (EG 50 kt)
	09/18/22 22:54 CST		0	Source: Law Enforcement
A large pine tree was blown down.				
<p>Scattered thunderstorms moved across portions of northern Illinois during the late evening of September 18th producing large hail and isolated wind damage.</p>				
WINNEBAGO COUNTY --- SOUTH BELOIT [42.48, -89.03]				
	09/20/22 14:57 CST		0	Thunderstorm Wind (EG 55 kt)
	09/20/22 14:57 CST		0	Source: Public

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A large tree was blown down.				
BOONE COUNTY --- 1.1 W POPLAR GROVE [42.37, -88.85]				
	09/20/22 15:21 CST	0		Thunderstorm Wind (EG 50 kt)
	09/20/22 15:21 CST	0		Source: Trained Spotter
A four inch diameter tree limb was blown down southeast of the intersection of Route 76 and Route 173.				
KANE COUNTY --- 2.4 S STARKS [42.06, -88.46]				
	09/20/22 16:29 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 16:29 CST	0		Source: Public
Trees were blown down at the intersection of Route 47 and Plank Road.				
KANE COUNTY --- PLATO CENTER [42.03, -88.43]				
	09/20/22 16:34 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 16:34 CST	0		Source: Social Media
A photo shared on social media showed trees and power lines blown down blocking a road in downtown. Other tree limbs were blown down.				
KANE COUNTY --- 0.8 NNE CAMPTON HILLS [41.97, -88.41]				
	09/20/22 16:45 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 16:45 CST	0		Source: Social Media
A photo shared on social media showed a snapped tree that was blown down onto power lines just west of the intersection of Corron and Silver Glen Roads.				
KANE COUNTY --- 0.6 N GENEVA [41.90, -88.33]				
	09/20/22 16:49 CST	0		Thunderstorm Wind (EG 60 kt)
	09/20/22 16:49 CST	0		Source: Social Media
Photos shared on social media showed several trees snapped along Route 38.				
KANE COUNTY --- 1.3 SE GENEVA [41.88, -88.31]				
	09/20/22 16:50 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 16:50 CST	0		Source: Social Media
Trees were blown down near Peck Road.				
DU PAGE COUNTY --- 1.4 S WAYNE CENTER [41.93, -88.17]				
	09/20/22 16:59 CST	0		Thunderstorm Wind (EG 50 kt)
	09/20/22 16:59 CST	0		Source: Public
A large tree limb was blown down.				
DU PAGE COUNTY --- 2.1 WNW CAROL STREAM [41.92, -88.17]				
	09/20/22 17:00 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 17:00 CST	0		Source: Public
Trees and several large tree limbs were blown down.				
DU PAGE COUNTY --- 0.9 ESE WHEATON [41.86, -88.09]				
	09/20/22 17:12 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 17:12 CST	0		Source: Public
A tree and a power line were blown down near President and Chase Streets.				
DU PAGE COUNTY --- 0.9 SE GLENDALE HEIGHTS [41.90, -88.06]				
	09/20/22 17:12 CST	0		Thunderstorm Wind (EG 50 kt)
	09/20/22 17:12 CST	0		Source: Trained Spotter
Several tree limbs 3 inches in diameter were blown down.				

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DU PAGE COUNTY --- 1.0 E WHEATON [41.87, -88.09]				
	09/20/22 17:12 CST	0		Thunderstorm Wind (EG 55 kt)
	09/20/22 17:12 CST	0		Source: Social Media

A photo shared on social media showed a large tree blown down on a house.

DU PAGE COUNTY --- 1.2 ESE BUTTERFIELD WEST [41.83, -88.03]				
	09/20/22 17:27 CST	0		Thunderstorm Wind (EG 50 kt)
	09/20/22 17:27 CST	0		Source: Social Media

A photo shared on social media showed a 6 inch diameter tree snapped at its base near Butterfield Road and Interstate 355.

Scattered thunderstorms moved across portions of northern Illinois during the afternoon and early evening of September 20th.

LAKE MICHIGAN

WILMETTE HARBOR TO MICHIGAN CITY IN 5NM OFFSHORE TO MID LAKE COUNTY --- 8.3 NE MONTROSE HARBOR [42.04, -87.52], 8.8 NNE HARRISON-DEVER CRIB [42.04, -87.50]				
	09/11/22 08:38 CST	0		Waterspout
	09/11/22 08:45 CST	0		Source: Broadcast Media

A photo showed a waterspout several miles offshore, northeast of Chicago.

A supercell thunderstorm moved across southern Lake Michigan during the morning of September 11th, producing a waterspout.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	09/18/22 22:50 CST	0		Marine Thunderstorm Wind (MG 34 kt)
	09/18/22 22:50 CST	0		Source: C-MAN Station

Scattered thunderstorms moved across southern Lake Michigan during the late evening of September 18th.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 0.8 NE MONTROSE HARBOR [41.97, -87.63]				
	09/20/22 17:19 CST	0		Marine Thunderstorm Wind (MG 36 kt)
	09/20/22 17:19 CST	0		Source: Mesonet

A wind gust to 36 knots was measured at the Montrose Harbor Light.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	09/20/22 17:58 CST	0		Marine Thunderstorm Wind (MG 36 kt)
	09/20/22 18:02 CST	0		Source: C-MAN Station

Scattered thunderstorms moved across portions of southern Lake Michigan on September 20th.

WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 1.1 E WINTHROP HARBOR [42.49, -87.78]				
	09/25/22 18:20 CST	0		Marine Thunderstorm Wind (MG 37 kt)
	09/25/22 18:20 CST	0		Source: Buoy

A wind gust to 37 knots was measured at the Winthrop Harbor Buoy.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 0.8 NE MONTROSE HARBOR [41.97, -87.63]				
	09/25/22 19:09 CST	0		Marine Thunderstorm Wind (MG 40 kt)
	09/25/22 19:09 CST	0		Source: Mesonet

A wind gust to 40 knots was measured at the Montrose Harbor Light.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	09/25/22 19:14 CST	0		Marine Thunderstorm Wind (MG 40 kt)
	09/25/22 19:14 CST	0		Source: C-MAN Station

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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY BUOY [41.76, -86.97]	09/25/22 19:30 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	09/25/22 19:30 CST		0	Source: Buoy

Scattered thunderstorms moved across portions of southern Lake Michigan during the evening of September 25th.