

Storm Data and Unusual Weather Phenomena - July 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
MCHENRY COUNTY --- HARVARD [42.42, -88.62]				
	07/06/16 00:34 CST	0		Thunderstorm Wind (EG 50 kt)
	07/06/16 00:34 CST	0		Source: Public
Large branch or portion of tree down onto fence, which destroyed the fence and laying into the neighboring yard. Relayed via Facebook. Time estimated by radar.				
MCHENRY COUNTY --- CRYSTAL LAKE [42.23, -88.33]				
	07/06/16 01:00 CST	0		Thunderstorm Wind (EG 50 kt)
	07/06/16 01:00 CST	0		Source: Trained Spotter
Trees down just west of downtown Crystal Lake.				
DE KALB COUNTY --- 3.0 SW WATERMAN [41.74, -88.81]				
	07/06/16 01:39 CST	0		Hail (0.88 in)
	07/06/16 01:39 CST	0		Source: Trained Spotter
COOK COUNTY --- 2.1 S EVANSTON [42.02, -87.68]				
	07/06/16 01:46 CST	0		Thunderstorm Wind (EG 60 kt)
	07/06/16 01:46 CST	0		Source: Broadcast Media
Tree down on car across Callan Avenue near Howard St. in Evanston. Time estimated by radar.				
LA SALLE COUNTY --- MENDOTA [41.55, -89.12]				
	07/06/16 01:47 CST	0		Thunderstorm Wind (EG 52 kt)
	07/06/16 01:47 CST	0		Source: Broadcast Media
Scattered tree limbs up to 4 inches in diameter down throughout town. Relayed via twitter. Time estimated by radar.				
LA SALLE COUNTY --- 1.0 NNW OTTAWA [41.36, -88.86]				
	07/06/16 02:00 CST	0		Thunderstorm Wind (EG 65 kt)
	07/06/16 02:00 CST	0		Source: Storm Chaser
Several large trees down along Oaklane Drive. Relayed via Facebook.				
COOK COUNTY --- 3.0 S ALSIP [41.63, -87.73]				
	07/06/16 02:18 CST	0		Thunderstorm Wind (EG 55 kt)
	07/06/16 02:18 CST	0		Source: Trained Spotter
Aluminum flagpole bent over and snapped off. Branches off of trees. Aluminum panels pulled off fascia on home. Relayed via twitter. Time estimated by radar.				
A complex of strong to severe thunderstorms producing heavy rainfall, gusty winds and prolific lightning moved across northern and central Illinois and northwest Indiana early Wednesday.				
KANE COUNTY --- 2.1 SSE GENEVA [41.85, -88.28], 2.1 SSE GENEVA [41.85, -88.28], 2.1 SSE GENEVA [41.85, -88.28], 2.1 SSE GENEVA [41.85, -88.28]				
	07/07/16 13:55 CST	0		Flood (due to Heavy Rain)
	07/07/16 16:24 CST	0		Source: Trained Spotter
Street flooding at Kirk Rd and Wilson. Water up to the tops of tires on turning lanes.				
KENDALL COUNTY --- PLANO [41.67, -88.53]				
	07/07/16 16:08 CST	0		Funnel Cloud
	07/07/16 16:10 CST	0		Source: Trained Spotter
Funnel cloud lasted a few minutes and extended about half way to the ground.				
COOK COUNTY --- 0.9 NNW DEERING [41.94, -87.68], 0.8 NNW DEERING [41.94, -87.68], 0.8 NNW DEERING [41.94, -87.68], 0.8 NNW DEERING [41.94, -87.68]				

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	07/07/16 16:40 CST		0	Flood (due to Heavy Rain)
	07/07/16 17:45 CST		0	Source: Trained Spotter

About a foot of standing water on some streets near Damen Ave and Melrose St.

LA SALLE COUNTY --- 5.0 W LELAND [41.62, -88.90]

	07/07/16 17:19 CST		0	Funnel Cloud
	07/07/16 17:19 CST		0	Source: Trained Spotter

Near LaSalle/DeKalb county line.

During the late afternoon of Thursday, July 7th, scattered storms developed across northern Illinois and slowly moved east-northeast. As the storms grew, their slow movement helped to produce locally heavy rainfall. The Doppler Radar estimated rainfall maps show the localized nature of the heavy rainfall. In addition, there were a handful of funnel cloud reports from the storms due to large scale rotation in the atmosphere. Concentrated storm rotation for tornadoes was not favored.

LA SALLE COUNTY --- PERU [41.33, -89.13]

	07/13/16 16:14 CST		0	Thunderstorm Wind (MG 55 kt)
	07/13/16 16:14 CST		0	Source: AWOS

LA SALLE COUNTY --- 0.1 N MENDOTA [41.55, -89.12]

	07/13/16 16:16 CST		0	Thunderstorm Wind (EG 52 kt)
	07/13/16 16:16 CST		0	Source: Broadcast Media

Large tree down in the 1000 block of Illinois Avenue.

LA SALLE COUNTY --- STREATOR [41.12, -88.83]

	07/13/16 16:52 CST		0	Thunderstorm Wind (EG 65 kt)
	07/13/16 16:52 CST		0	Source: Trained Spotter

Tree limbs of four to five inches down across the city. Largest limb is 2 feet in diameter. Average is 8 inches in diameter.

LIVINGSTON COUNTY --- CHATSWORTH [40.75, -88.28]

	07/13/16 16:57 CST		0	Thunderstorm Wind (EG 50 kt)
	07/13/16 17:00 CST		0	Source: COOP Observer

Trailer was blown over. Also a 10 inch diameter tree down on a carport.

LIVINGSTON COUNTY --- FORREST [40.75, -88.40]

	07/13/16 16:57 CST		0	Thunderstorm Wind (EG 50 kt)
	07/13/16 16:57 CST		0	Source: Law Enforcement

There were a couple of large trees down in and near town. Time was estimated from radar.

LA SALLE COUNTY --- 1.0 SSW OTTAWA [41.34, -88.86]

	07/13/16 17:00 CST		0	Thunderstorm Wind (MG 54 kt)
	07/13/16 17:00 CST		0	Source: Mesonet

Measured by U.S. Army Corp of Engineers sensor.

LA SALLE COUNTY --- 1.1 SW OTTAWA [41.34, -88.86]

	07/13/16 17:00 CST		0	Hail (1.00 in)
	07/13/16 17:00 CST		0	Source: Trained Spotter

Intersection of Boyce Memorial Drive and Ottawa Avenue.

LA SALLE COUNTY --- 3.7 ENE SHERIDAN [41.56, -88.62]

	07/13/16 17:00 CST		0	Thunderstorm Wind (MG 54 kt)
	07/13/16 17:00 CST		0	Source: Trained Spotter

LIVINGSTON COUNTY --- CULLOM [40.88, -88.27]

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	07/13/16 17:05 CST		0	Thunderstorm Wind (EG 50 kt)
	07/13/16 17:05 CST		0	Source: Law Enforcement

Large tree downed. Time estimated by radar.

KENDALL COUNTY --- 3.0 NE NEWARK [41.56, -88.54]

	07/13/16 17:15 CST		0	Thunderstorm Wind (MG 56 kt)
	07/13/16 17:15 CST		0	Source: Trained Spotter

KANKAKEE COUNTY --- 3.0 E HERSCHER [41.05, -88.04]

	07/13/16 17:22 CST		0	Thunderstorm Wind (EG 52 kt)
	07/13/16 17:22 CST		0	Source: Public

Large tree downed onto care and home. Time estimated from radar.

WILL COUNTY --- 0.7 SSW BRAIDWOOD [41.26, -88.22]

	07/13/16 17:27 CST		0	Thunderstorm Wind (EG 52 kt)
	07/13/16 17:27 CST		0	Source: Trained Spotter

Also pea size hail.

KANKAKEE COUNTY --- KANKAKEE [41.12, -87.85]

	07/13/16 17:30 CST		0	Thunderstorm Wind (EG 52 kt)
	07/13/16 17:30 CST		0	Source: Law Enforcement

Across central and southern Kankakee County, over 200 trees and powerlines down.

KANKAKEE COUNTY --- 1.3 E FORTINVILLE [41.12, -87.73]

	07/13/16 17:34 CST		0	Thunderstorm Wind (EG 50 kt)
	07/13/16 17:34 CST		0	Source: Public

Stoplight damaged at Illinois Routes 1 and 17.

KENDALL COUNTY --- 5.0 SE YORKVILLE [41.58, -88.38]

	07/13/16 17:36 CST		0	Thunderstorm Wind (MG 52 kt)
	07/13/16 17:36 CST		0	Source: Trained Spotter

KANKAKEE COUNTY --- 0.9 SE MOMENCE [41.16, -87.66]

	07/13/16 17:37 CST		0	Thunderstorm Wind (EG 52 kt)
	07/13/16 17:37 CST		0	Source: Trained Spotter

Trees up to one and a half feet in diameter down. One tree blocking Route 1.

KENDALL COUNTY --- 1.0 S OSWEGO [41.67, -88.35], 6.5 ENE PLATTVILLE [41.56, -88.26]

	07/13/16 17:41 CST		0	Thunderstorm Wind (EG 56 kt)
	07/13/16 17:41 CST		0	Source: NWS Employee

Mature trees were bending. Tree fell on Ashbrook Lane in Plainfield covering most of street. 56 knot winds were reported by broadcast media.

KANKAKEE COUNTY --- BOURBONNAIS [41.15, -87.88]

	07/13/16 17:45 CST		0	Thunderstorm Wind (MG 52 kt)
	07/13/16 17:45 CST		0	Source: Trained Spotter

COOK COUNTY --- 1.0 E HAZEL CREST [41.58, -87.66]

	07/13/16 18:14 CST		0	Thunderstorm Wind (EG 54 kt)
	07/13/16 18:14 CST		0	Source: Public

Large tree over one foot in diameter downed.

A well-organized complex of thunderstorms progressed from west to east across northern Illinois and northwest Indiana, bringing scattered wind damage to mainly areas along and south of the I-80 corridor. Some of the more pronounced wind damage occurred in Kankakee County based on reports. In addition, heavy rainfall occurred causing patchy minor flooding.

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WILL COUNTY --- 3.0 ENE BEECHER [41.37, -87.58]				
	07/17/16 20:35 CST		0	Hail (1.00 in)
	07/17/16 20:35 CST		0	Source: CoCoRaHS
KANKAKEE COUNTY --- 3.7 SSW BUCKINGHAM [41.00, -88.19], 3.7 SSE BUCKINGHAM [41.00, -88.15]				
	07/17/16 20:41 CST		0	Tornado (EF1, L: 2.16 mi , W: 100 yd)
	07/17/16 20:48 CST		0	Source: NWS Storm Survey
The tornado started approximately three quarters of a mile east-northeast of Cabery. As it crossed S 17000W Rd, there were several large metal corrugated pipes probably 10 feet in diameter rolled long distances. The tornado headed east to S 16000W Rd, and a farm outbuilding lost its roof and part of the walls collapsed. Two grain bins were destroyed. Many power lines down 7-8 mile south of Rt. 17.				
WILL COUNTY --- 1.6 ESE BRUNNING [41.64, -88.00]				
	07/17/16 21:05 CST		0	Thunderstorm Wind (EG 50 kt)
	07/17/16 21:05 CST		0	Source: Public
Live power lines down at 13400 S. Archer in Lemont.				
Very warm and moist conditions developed ahead of a cold front, which allowed strong to severe thunderstorms to develop.				
MCHENRY COUNTY --- 1.8 ENE BELDEN [42.48, -88.34]				
	07/21/16 18:04 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/16 18:04 CST		0	Source: Law Enforcement
Trees down along Rt 173 and Keystone Rd.				
MCHENRY COUNTY --- 0.6 SE HARTLAND [42.36, -88.49]				
	07/21/16 18:24 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/16 18:24 CST		0	Source: Law Enforcement
Trees down near intersection of Nelson Rd and Rose Farm Rd.				
MCHENRY COUNTY --- 1.1 WSW SOLON MILLS [42.42, -88.29]				
	07/21/16 18:34 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/16 18:34 CST		0	Source: Law Enforcement
Trees down near intersection of Pioneer and Hart Roads.				
WINNEBAGO COUNTY --- 0.1 NNE BELOIT [42.48, -89.05]				
	07/21/16 18:43 CST		0	Thunderstorm Wind (MG 52 kt)
	07/21/16 18:43 CST		0	Source: Amateur Radio
Measured near intersection of Hayes Ave and Liston Ave.				
LAKE COUNTY --- LINDENHURST [42.42, -88.05]				
	07/21/16 18:45 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/16 18:45 CST		0	Source: Public
Numerous small to medium size tree limbs blown down. Time estimated.				
KANE COUNTY --- ELGIN [42.03, -88.28]				
	07/21/16 18:58 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/16 18:58 CST		0	Source: Public
Power lines blown down as well as tree limbs of 4 to 6 inches diameter blown down. Time estimated.				
WINNEBAGO COUNTY --- DURAND [42.43, -89.33]				
	07/21/16 19:10 CST		0	Thunderstorm Wind (EG 55 kt)
	07/21/16 19:10 CST		0	Source: Social Media
Two trees down across road with one utility pole pulled down by trees. Time estimated.				

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COOK COUNTY --- TINLEY PARK [41.58, -87.78]				
	07/21/16 20:51 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/16 20:51 CST		0	Source: Public
Power lines blown down.				
LA SALLE COUNTY --- STREATOR [41.12, -88.83]				
	07/21/16 21:18 CST		0	Thunderstorm Wind (EG 52 kt)
	07/21/16 21:18 CST		0	Source: 911 Call Center
Multiple power poles, power lines and trees down. Several trees on houses.				
Two rounds of thunderstorms bring isolated wind damage near the Illinois Wisconsin state line.				
BOONE COUNTY --- 1.1 NNE BELVIDERE [42.27, -88.84], 1.2 NNE BELVIDERE [42.27, -88.84], 1.2 NNE BELVIDERE [42.27, -88.84], 1.1 NNE BELVIDERE [42.27, -88.84]				
	07/23/16 15:57 CST		24K	Flash Flood (due to Heavy Rain)
	07/23/16 22:00 CST		0	Source: Law Enforcement
Multiple roads flooded and closed on the south side of town. Belvidere Police Department had to replace a police car damaged by flood waters.				
WINNEBAGO COUNTY --- 0.6 NNE PERRYVILLE [42.24, -88.96], 0.6 N PERRYVILLE [42.24, -88.97], 1.1 NNE PERRYVILLE [42.25, -88.96], 1.1 NNE PERRYVILLE [42.24, -88.96]				
	07/23/16 15:57 CST		0	Flash Flood (due to Heavy Rain)
	07/23/16 22:00 CST		0	Source: Trained Spotter
Roads flooded with multiple vehicles stranded and flooded along Interstate 39 and Rt. 20. A lane of traffic on Interstate 39 was closed near the Magic Waters water park in Cherry Valley.				
BOONE COUNTY --- BELVIDERE [42.25, -88.85]				
	07/23/16 15:58 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/16 15:58 CST		0	Source: Law Enforcement
Numerous large branches downed in the city. Radar estimated time.				
LAKE COUNTY --- 0.7 WNW FT SHERIDAN [42.21, -87.81], 0.8 WNW FT SHERIDAN [42.21, -87.81], 0.7 WNW FT SHERIDAN [42.21, -87.81], 0.7 WNW FT SHERIDAN [42.21, -87.81]				
	07/23/16 16:05 CST		0	Flash Flood (due to Heavy Rain)
	07/23/16 22:45 CST		0	Source: Amateur Radio
Car stranded in two and a half feet of water at Green Bay and Burchell Ave.				
MCHENRY COUNTY --- MARENGO [42.25, -88.60]				
	07/23/16 16:15 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/16 16:15 CST		0	Source: Law Enforcement
Large tree blown down. Time estimated by radar.				
WINNEBAGO COUNTY --- CHERRY VLY [42.23, -88.95]				
	07/23/16 16:32 CST		0	Hail (1.00 in)
	07/23/16 16:32 CST		0	Source: Trained Spotter
There were also reports of 55 to 60 mph winds and very heavy rainfall with visibilities around 200 feet.				
COOK COUNTY --- 0.5 SE NORTHFIELD [42.09, -87.76], 0.6 SE NORTHFIELD [42.09, -87.76], 0.6 SE NORTHFIELD [42.09, -87.76], 0.6 SE NORTHFIELD [42.09, -87.76]				
	07/23/16 16:40 CST		0	Flash Flood (due to Heavy Rain)
	07/23/16 22:45 CST		0	Source: Social Media
Traffic standstill on Interstate 94 at Winnetka Rd. Flooded roads have forced people onto roofs of cars.				

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COOK COUNTY --- 1.2 WSW KENILWORTH [42.09, -87.72], 1.2 WSW KENILWORTH [42.09, -87.72], 1.3 WSW KENILWORTH [42.09, -87.72], 1.3 WSW KENILWORTH [42.09, -87.72]				
	07/23/16 16:40 CST		0	Flash Flood (due to Heavy Rain)
	07/23/16 22:45 CST		0	Source: Social Media
Numerous stranded cars at the viaduct at Wilson St and Winnetka Rd.				
COOK COUNTY --- EVANSTON [42.05, -87.68], 1.4 ENE MORTON GROVE [42.04, -87.75]				
	07/23/16 17:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/16 17:28 CST		0	Source: Trained Spotter
Several 6 inch diameter branches down in Evanston. In Wilmette, IL lightning struck and downed a 30 ft long branch which took down power lines with an estimated 200 homes without power. Winds estimated at 60 mph on Dempster St just west of Skokie Blvd in Skokie, IL.				
COOK COUNTY --- 2.8 S EVANSTON [42.01, -87.67]				
	07/23/16 17:42 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/16 17:42 CST		0	Source: CoCoRaHS
A few large limbs downed. Radar estimated time.				
KANE COUNTY --- 3.7 NNE ELGIN [42.08, -88.26]				
	07/23/16 18:08 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/16 18:08 CST		0	Source: Law Enforcement
Branches down Rt. 25 and Sunset Park Dr.				
OGLE COUNTY --- 5.0 NW POLO [42.03, -89.65]				
	07/23/16 18:58 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/16 18:58 CST		0	Source: COOP Observer
Old shed knocked down, with a portion of an old barn damaged and branches downed. Radar estimated time.				
LEE COUNTY --- DIXON [41.83, -89.48]				
	07/23/16 19:08 CST		0	Thunderstorm Wind (EG 50 kt)
	07/23/16 19:08 CST		0	Source: Law Enforcement
Multiple power lines down in the town of Dixon. Time estimated from radar.				
LEE COUNTY --- 2.5 SE SCARBORO [41.76, -88.99]				
	07/23/16 20:13 CST		0	Thunderstorm Wind (EG 55 kt)
	07/23/16 20:13 CST		0	Source: Trained Spotter
Heavy rain and continuous lightning.				
GRUNDY COUNTY --- 3.0 S MORRIS [41.33, -88.42]				
	07/23/16 21:39 CST		0	Thunderstorm Wind (EG 57 kt)
	07/23/16 21:39 CST		0	Source: Law Enforcement
Couple trees downed. Numerous large branches downed. Outbuilding damaged. Radar estimated time.				
<p>An extremely humid and unstable air mass on Saturday July 23 set the stage for strong to severe storms to develop mid to late afternoon along the I-90 corridor in far northern Illinois. These storms ended up shifting very slowly southeast, bringing flash flooding to parts of Belvidere and Rockford, as well as near the Lake and Cook Counties border. Severe winds with gusts around 60 mph were scattered within this area. Another potent round of storms developed across northeast Iowa and moved eastward into northern Illinois around sunset. These brought isolated severe winds in north central Illinois as well as additional heavy rainfall.</p>				
KANE COUNTY --- 5.0 SSE ALGONQUIN [42.10, -88.24]				
	07/24/16 16:06 CST		0	Hail (0.88 in)
	07/24/16 16:06 CST		0	Source: Public

Relayed via social media.

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COOK COUNTY --- 2.4 WSW SUTTON [42.06, -88.22]				
	07/24/16 16:12 CST		0	Thunderstorm Wind (EG 50 kt)
	07/24/16 16:12 CST		0	Source: Emergency Manager
Nine trees blown down near Shoe Factory Rd and I-90. Time estimated.				
COOK COUNTY --- 5.0 NNW CHICAGO [41.90, -87.69], 1.9 SE CLYBOURN [41.90, -87.64], 2.5 SE CLYBOURN [41.89, -87.64], 1.0 SE KEDZIE [41.89, -87.69]				
	07/24/16 17:28 CST		0	Flash Flood (due to Heavy Rain)
	07/24/16 21:30 CST		0	Source: Emergency Manager
Flooded viaduct along with multiple reports of water on roads on the north side of the city of Chicago.				
COOK COUNTY --- KEDZIE [41.90, -87.70]				
	07/24/16 17:29 CST		0	Thunderstorm Wind (EG 50 kt)
	07/24/16 17:29 CST		0	Source: Public
Numerous large branches down. Estimated time per radar.				
COOK COUNTY --- 1.8 ESE AVONDALE [41.96, -87.65]				
	07/24/16 17:38 CST		0	Hail (1.00 in)
	07/24/16 17:38 CST		0	Source: Trained Spotter
Hail near Buena Park.				
COOK COUNTY --- 3.0 NNW CHICAGO [41.87, -87.67], 2.0 SSE CHICAGO [41.80, -87.64]				
	07/24/16 17:40 CST		0	Thunderstorm Wind (MG 63 kt)
	07/24/16 17:45 CST		0	Source: Emergency Manager
At 540 pm CST, Racine blue line station canopy collapsed due to wind, with the structure falling onto the third rail apparently causing the sparking and explosions seen on video. At 540 pm CST, wires downed onto CTA Brown Line approximately 3 miles north-northwest of Chicago. At 544 pm CST, there was a measured 73 mph wind gust approximately 1 mile south-southeast of Chicago near Michigan and Roosevelt in the South Loop. Multiple street lights were damaged. Numerous trees blown down approximately 2 miles south-southeast of Chicago.				
COOK COUNTY --- BLUE IS [41.65, -87.68]				
	07/24/16 18:30 CST		0	Thunderstorm Wind (MG 59 kt)
	07/24/16 18:30 CST		0	Source: Emergency Manager
Numerous trees down and snapped, power lines down, and numerous power poles down. A couple of power poles were snapped. Radar indications show this was a microburst. Radar estimated time.				
KANKAKEE COUNTY --- 3.0 ENE MOMENCE [41.19, -87.62]				
	07/24/16 19:42 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/16 19:42 CST		0	Source: 911 Call Center
Six utility poles bent on 4000N between 6000E and 8000E and a half dozen trees downed. Radar indications are this was a microburst.				
Heat indices of 100° to 115° allowed thunderstorms to sweep through northern Illinois bringing isolated wind damage as well as localized flooding.				
WINNEBAGO COUNTY --- WINNEBAGO [42.27, -89.23]				
	07/28/16 12:14 CST		0	Funnel Cloud
	07/28/16 12:14 CST		0	Source: Law Enforcement
Multiple reports of funnel clouds from the Seward and Winnebago area.				
WILL COUNTY --- BOLINGBROOK [41.67, -88.13]				
	07/28/16 13:54 CST		0	Lightning
	07/28/16 13:54 CST	1	0	Source: Broadcast Media
Woman struck by lightning in the 300 block of Janes Ave.				

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Scattered thunderstorms went through northern Illinois during the afternoon and evening. Heavy rain brought some minor flooding, and there were some reports of funnel clouds.

COOK COUNTY --- 0.7 SW BERGER [41.61, -87.61], 1.2 SE BERGER [41.61, -87.58], 1.4 SSE BERGER [41.60, -87.59], 0.5 ENE PHOENIX [41.60, -87.61]	07/29/16 12:40 CST	0	0	Flash Flood (due to Heavy Rain)
	07/29/16 21:45 CST	0	0	Source: Broadcast Media

Numerous roads closed due to flooding. Houses with 3 feet of water in them and parking lots flooded.

DU PAGE COUNTY --- 0.4 NNW WILLOWBROOK [41.75, -87.97], 0.3 NNW WILLOWBROOK [41.75, -87.97], 0.1 W WILLOWBROOK [41.75, -87.97], 0.2 W WILLOWBROOK [41.75, -87.97]	07/29/16 12:40 CST	0	0	Flash Flood (due to Heavy Rain)
	07/29/16 21:45 CST	0	0	Source: Emergency Manager

Multiple roads blocked by flood waters. Damage to an electrical substation because of continued rising waters. Over a foot of water in parking lots.

DU PAGE COUNTY --- 2.0 S BELMONT [41.75, -88.07], 1.6 NNW WOODRIDGE [41.75, -88.04], 0.7 SW WOODRIDGE [41.72, -88.04], 1.8 W WOODRIDGE [41.74, -88.06]	07/29/16 12:40 CST	0	0	Flash Flood (due to Heavy Rain)
	07/29/16 19:15 CST	0	0	Source: Trained Spotter

Water estimated about 6 inches deep on 75th St west of Janes Ave. Sections of Janes Avenue are impassable between 75th and Boughton. Water also reported up to the base of car doors in parking lots at Boughton and Janes Ave. Rains of over three inches were reported in under an hour. Southbound Rt 53 closed near 83rd St due to flooding.

WINNEBAGO COUNTY --- 2.5 E CAMP GRANT [42.22, -89.03]	07/29/16 15:44 CST	0	0	Thunderstorm Wind (EG 50 kt)
	07/29/16 15:44 CST	0	0	Source: Trained Spotter

Large tree blown down on Linden Rd.

Scattered thunderstorms quickly became numerous along the I-88 corridor on the early afternoon of Friday, July 29th. These were extremely slow moving, leading to large totals in a short amount of time. With antecedent wet conditions, this rainfall brought flash flooding to DeKalb, Kane, DuPage, and Cook Counties. Some of the flooding persisted into the day after. In addition, the DuPage River at Bolingbrook reached a top 10 crest in its ~20 year period of record.

INDIANA, Northwest

BENTON COUNTY --- FOWLER [40.62, -87.32]	07/07/16 18:40 EST	0	0	Funnel Cloud
	07/07/16 18:40 EST	0	0	Source: Emergency Manager

Benton County Emergency Manager relayed reports of funnel clouds, near and south of Boswell and south of Fowler.

During the late afternoon of Thursday, July 7th, scattered storms developed across northern Illinois and slowly moved east-northeast. In addition, there were a handful of funnel cloud reports from the storms due to large scale rotation in the atmosphere.

(IN-Z001) LAKE	07/09/16 13:30 CST	3	0	Rip Current
	07/09/16 15:30 CST	3	0	

Direct Fatalities: M26IW, M37IW, U??IW

Hazardous swim conditions existed across northwest Indiana beaches during the day and evening hours as gusty northwest winds caused wave heights up to 9 feet.

NEWTON COUNTY --- 0.7 NW KENTLAND MUNI ARPT [40.76, -87.44], 0.6 NW KENTLAND MUNI ARPT [40.76, -87.44], 0.7 NW KENTLAND MUNI ARPT [40.76, -87.44], 0.7 NW KENTLAND MUNI ARPT [40.76, -87.44]				
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Storm Data and Unusual Weather Phenomena - July 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/13/16 17:05 CST		1K	Flash Flood (due to Heavy Rain)
	07/13/16 18:10 CST		0	Source: Law Enforcement

U.S. Highway 41 closed due to water. Almost two and a half inches fell in 2 hours across the area.

NEWTON COUNTY --- 2.0 SW ROSELAWN [41.13, -87.35]

07/13/16 17:59 CST	0	Thunderstorm Wind (EG 56 kt)
07/13/16 17:59 CST	0	Source: Law Enforcement

Large tree downed on State Route 55.

A well-organized complex of thunderstorms progressed from west to east across northern Illinois and northwest Indiana, bringing scattered wind damage to mainly areas along and south of the I-80 corridor. In addition, heavy rainfall occurred causing patchy minor flooding.

LAKE COUNTY --- 1.9 SSW (GYG)GARY MUNI ARPT [41.60, -87.43]

07/21/16 12:04 CST	0	Thunderstorm Wind (EG 55 kt)
07/21/16 12:04 CST	0	Source: Public

Two large trees downed in residential neighborhood near 165th St. and Cline Ave. Time estimated from radar.

LAKE COUNTY --- (GYG)GARY MUNI ARPT [41.62, -87.42]

07/21/16 12:14 CST	0	Thunderstorm Wind (MG 54 kt)
07/21/16 12:14 CST	0	Source: AWOS

Measured at Gary Airport.

PORTER COUNTY --- CHESTERTON [41.60, -87.05], SOUTH HAVEN [41.53, -87.17]

07/21/16 12:38 CST	0	Thunderstorm Wind (EG 52 kt)
07/21/16 12:38 CST	0	Source: Emergency Manager

Numerous branches off of trees in Chesterton. In South Haven several medium size tree branches and power lines downed.

Two rounds of thunderstorms bring isolated wind damage to far northwest Indiana.

LAKE MICHIGAN

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

07/06/16 02:06 CST	0	Marine Thunderstorm Wind (MG 50 kt)
07/06/16 02:06 CST	0	Source: C-MAN Station

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- BURNS HARBOR [41.65, -87.15]

07/06/16 02:49 CST	0	Marine Thunderstorm Wind (MG 50 kt)
07/06/16 02:49 CST	0	Source: C-MAN Station

A complex of strong to severe thunderstorms producing heavy rainfall, gusty winds and prolific lightning moved across northern and central Illinois, northwest Indiana and Lake Michigan early Wednesday.

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.7 NW MICHIGAN CITY [41.76, -86.97]

07/13/16 19:00 CST	0	Marine Thunderstorm Wind (MG 41 kt)
07/13/16 19:00 CST	0	Source: Buoy

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

07/13/16 19:10 CST	0	Marine Thunderstorm Wind (MG 45 kt)
07/13/16 19:10 CST	0	Source: C-MAN Station

A well-organized complex of thunderstorms progressed from west to east across northern Illinois and northwest Indiana, bringing scattered wind damage to mainly areas along and south of the I-80 corridor.

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

Storm Data and Unusual Weather Phenomena - July 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/17/16 12:42 CST		0	Marine Thunderstorm Wind (MG 40 kt)
	07/17/16 12:42 CST		0	Source: C-MAN Station
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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 1.0 W MICHIGAN CITY [41.73, -86.93]				
	07/18/16 00:36 CST		0	Marine Thunderstorm Wind (MG 52 kt)
	07/18/16 00:48 CST		0	Source: C-MAN Station
Gusts in excess of 34 knots from 0036 to 0048 CST. Peak gust occurred at 0044 CST.				
Very warm and moist conditions developed ahead of a cold front, which allowed strong to severe thunderstorms to develop.				
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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WAUKEGAN HARBOR [42.35, -87.81]				
	07/20/16 23:51 CST		0	Marine High Wind (MG 59 kt)
	07/20/16 23:51 CST		0	Source: C-MAN Station
Measured at Waukegan Harbor with a wake low.				
A wake low moved across the area during the early morning hours, bringing gusty winds to Lake Michigan.				
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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WAUKEGAN HARBOR [42.35, -87.81]				
	07/21/16 11:10 CST		0	Marine Thunderstorm Wind (MG 36 kt)
	07/21/16 11:10 CST		0	Source: C-MAN Station
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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 4.4 NNE WILMETTE HARBOR [42.13, -87.65]				
	07/21/16 11:30 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/21/16 11:30 CST		0	Source: Buoy
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GARY TO BURNS HARBOR IN COUNTY --- BURNS HARBOR [41.65, -87.15]				
	07/21/16 12:40 CST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/21/16 12:40 CST		0	Source: Buoy
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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WAUKEGAN HARBOR [42.35, -87.81]				
	07/21/16 20:51 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	07/21/16 20:51 CST		0	Source: C-MAN Station
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GARY TO BURNS HARBOR IN COUNTY --- BURNS HARBOR [41.65, -87.15]				
	07/21/16 21:20 CST		0	Marine Thunderstorm Wind (MG 34 kt)
	07/21/16 21:20 CST		0	Source: C-MAN Station
Two rounds of thunderstorms bring isolated wind damage in far northwest Indiana and near the Illinois Wisconsin state line.				
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WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 4.4 NNE WILMETTE HARBOR [42.13, -87.65]				
	07/23/16 16:55 CST		0	Marine Thunderstorm Wind (MG 44 kt)
	07/23/16 16:55 CST		0	Source: Buoy
Time estimated by radar.				
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NORTHERLY ISLAND TO CALUMET HARBOR IL COUNTY --- 1.7 WSW BURNHAM HARBOR [41.86, -87.61]				
	07/23/16 17:32 CST		0	Marine Thunderstorm Wind (MG 49 kt)
	07/23/16 17:32 CST		0	Source: C-MAN Station
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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.7 NW MICHIGAN CITY [41.76, -86.97]				
	07/23/16 18:40 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	07/23/16 18:40 CST		0	Source: Buoy
An extremely humid and unstable air mass on Saturday July 23 set the stage for strong to severe storms to develop mid to late afternoon along the I-90 corridor in far northern Illinois, and these storms moved over Lake Michigan. Severe winds with gusts around 60 mph were scattered within this area.				
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WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				

Storm Data and Unusual Weather Phenomena - July 2016

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/16 17:44 CST		0	Marine Thunderstorm Wind (MG 50 kt)
	07/24/16 17:44 CST		0	Source: C-MAN Station
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GARY TO BURNS HARBOR IN COUNTY --- BURNS HARBOR [41.65, -87.15]				
	07/24/16 18:30 CST		0	Marine Thunderstorm Wind (MG 39 kt)
	07/24/16 18:30 CST		0	Source: C-MAN Station
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BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 1.0 W MICHIGAN CITY [41.73, -86.93]				
	07/24/16 18:40 CST		0	Marine Thunderstorm Wind (MG 42 kt)
	07/24/16 18:40 CST		0	Source: C-MAN Station

Thunderstorms swept across Lake Michigan bringing isolated wind damage.