

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
COOK COUNTY --- 0.9 NW RIVER FOREST [41.89, -87.79]				
	08/01/14 13:30 CST	0		Hail (1.00 in)
	08/01/14 13:33 CST	0		Source: Social Media
KANE COUNTY --- 0.9 NW DUNDEE [42.09, -88.31]				
	08/01/14 13:30 CST	0		Hail (1.00 in)
	08/01/14 13:33 CST	0		Source: Trained Spotter
DU PAGE COUNTY --- 0.5 E WHEATON [41.87, -88.11]				
	08/01/14 15:08 CST	0		Hail (0.75 in)
	08/01/14 15:11 CST	0		Source: Emergency Manager
DU PAGE COUNTY --- 0.3 W NAPERVILLE [41.78, -88.15], 0.2 E NAPERVILLE [41.78, -88.15], 0.8 S NAPERVILLE [41.77, -88.15], 0.8 SSW NAPERVILLE [41.77, -88.16]				
	08/01/14 15:55 CST	0		Flood (due to Heavy Rain)
	08/01/14 19:00 CST	0		Source: Law Enforcement
Six inches of standing water was reported in some of the viaducts under Metra Tracks . Areas of fairly significant ponding was also reported over some roads in downtown Naperville.				
KANE COUNTY --- 1.3 SSW FOX RIVER ESTATES [41.95, -88.31]				
	08/01/14 16:15 CST	0		Hail (0.88 in)
	08/01/14 16:18 CST	0		Source: CoCoRaHS
WILL COUNTY --- 0.3 NW IDYLSIDE [41.52, -88.12], 0.6 SSW IDYLSIDE [41.51, -88.12]				
	08/01/14 16:22 CST	0		Hail (0.88 in)
	08/01/14 16:26 CST	0		Source: NWS Employee
DE KALB COUNTY --- WATERMAN [41.77, -88.77]				
	08/01/14 17:47 CST	0		Hail (1.75 in)
	08/01/14 17:50 CST	0		Source: Law Enforcement
WINNEBAGO COUNTY --- (RFD)GTR ROCKFORD AR [42.20, -89.10]				
	08/01/14 18:07 CST	0		Hail (1.00 in)
	08/01/14 18:12 CST	0		Source: Official NWS Observations
WINNEBAGO COUNTY --- 1.0 E ROCKFORD [42.27, -89.06], 0.6 NNW EAST ROCKFORD [42.26, -89.07], 1.1 SSE RCKFRD COTTONWOOD AR [42.27, -89.12], 1.3 ENE RCKFRD COTTONWOOD AR [42.28, -89.11]				
	08/01/14 18:28 CST	0		Flood (due to Heavy Rain)
	08/02/14 12:30 CST	0		Source: Emergency Manager
Minor flooding was reported over many roads in the center of Rockford, generally to around 3 inches deep; however, a few localized spots had up to a foot of standing water.				
WINNEBAGO COUNTY --- 2.9 SE WEMPLETON [42.32, -89.16]				
	08/01/14 18:33 CST	0		Hail (1.00 in)
	08/01/14 18:36 CST	0		Source: Public
Widely scattered thunderstorms developed over northern Illinois producing marginally severe hail.				
COOK COUNTY --- 0.7 S CONGRESS PARK [41.81, -87.87], 0.4 SE LA GRANGE [41.82, -87.88], 0.4 ESE CONGRESS PARK [41.82, -87.86], 0.7 SE CONGRESS PARK [41.81, -87.86]				
	08/04/14 18:07 CST	0		Flood (due to Heavy Rain)
	08/04/14 22:30 CST	0		Source: Trained Spotter

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Standing water up to six inches deep was reported on La Grange Road at Harris Avenue . Water was coming out of manhole covers near the train tracks off of Harris Avenue. The underpass under BNSF Railroad at Ogden Avenue was closed due to flooding . This is a historically flood prone underpass. An NWS Employee measured 1.52 inches of rainfall in 40 minutes.				

LEE COUNTY --- 0.4 WSW SWISSVILLE [41.85, -89.49], 0.3 SW SWISSVILLE [41.85, -89.48], 0.3 SW SWISSVILLE [41.85, -89.48], 0.4 WSW SWISSVILLE [41.85, -89.49]

08/04/14 19:58 CST	0	Flood (due to Heavy Rain)
08/04/14 23:00 CST	0	Source: Emergency Manager

Standing water six inches deep was reported over Boyd Street between Galena Avenue and Peoria Avenue.

COOK COUNTY --- 0.8 E MAYWOOD [41.87, -87.83], 1.8 S HANSON PARK [41.87, -87.81], 1.3 WSW RIVER FOREST [41.87, -87.80], 1.3 WSW RIVER FOREST [41.87, -87.80], 0.8 E MAYWOOD [41.87, -87.83], 0.8 SSW BERKELEY [41.87, -87.88], 0.6 SSW BERKELEY [41.87, -87.88]

08/04/14 21:30 CST	0.15M	Flash Flood (due to Heavy Rain)
08/04/14 22:30 CST	0	Source: Department of Highways

Interstate 290 was closed between Harlem Avenue and Mannheim Road with portions of the interstate covered with up to four feet of water . Multiple cars were stranded in the water before it closed. A portion of the far right eastbound lane buckled from the high water .

Thunderstorms trained over portions of northern Illinois including the Chicago Metro area for several hours during the evening of August 4th. The highest storm total rainfall reports came in at over four inches, including 4.45 inches near Berwyn and 4.12 inches near Westchester, both in Cook County.

WILL COUNTY --- 0.9 WSW PEOTONE [41.33, -87.80], 1.3 W PEOTONE [41.33, -87.80]

08/21/14 16:39 CST	0.10M	Thunderstorm Wind (MG 58 kt)
08/21/14 16:41 CST	0	Source: Trained Spotter

Numerous branches larger than eight inches in diameter were blown down within a couple block radius in Peotone. A tent was blown down and there was some damage to a couple rides at the Will County Fair. A car was crushed by a downed tree on Louise Street. Tree limbs and power lines were blown down on the west side of Rathje Road. A tree around a foot in diameter snapped to the south of Conner Shaw School .

COOK COUNTY --- 0.5 WNW JUSTICE [41.75, -87.86], 0.3 NE ASHBURN [41.75, -87.70], 0.2 ENE MERRIONETTE PARK [41.70, -87.70], 0.7 SW JUSTICE [41.74, -87.86]

08/22/14 01:40 CST	50M	Flash Flood (due to Heavy Rain)
08/22/14 07:30 CST	0	Source: Public

Major flooding impacted portions of the southwest suburbs of Chicago.

Numerous streets were flooded and impassable with several feet of water in Burbank and Oak Lawn. Numerous cars stalled in the flooded streets and many basements were inundated with water. Multiple lanes and the shoulder was flooded and closed on I-294 at Route 171. Over three feet of water was reported in the viaduct at Kedzie Avenue and 79th Street where a fire truck stalled trying to pass through.

COOK COUNTY --- 3.0 ENE COLEHOUR [41.72, -87.55], 1.6 ESE AVALON PARK [41.72, -87.59], 1.5 E AVALON PARK [41.73, -87.59], 3.0 S BRYN MAWR [41.73, -87.55]

08/22/14 02:05 CST	50K	Flash Flood (due to Heavy Rain)
08/22/14 07:30 CST	0	Source: Emergency Manager

Viaducts at 95th Street and Dorchester Avenue as well as 93rd Street and Commercial Avenue were flooded with stranded cars.

DU PAGE COUNTY --- 0.8 NE WOOD DALE [41.98, -87.96], 0.9 NE WOOD DALE [41.98, -87.96], 0.8 NE WOOD DALE [41.98, -87.96], 0.8 NE WOOD DALE [41.98, -87.96]

08/22/14 03:00 CST	0	Flash Flood (due to Heavy Rain)
08/22/14 07:30 CST	0	Source: Emergency Manager

Two out of three lanes on Route 83 were flooded and impassable on Route 83 at Bryn Mawr Avenue. A CoCoRaHS observer near Elk Grove Village measured 3.69 inches of rain.

LIVINGSTON COUNTY --- 1.3 WNW PONTIAC [40.88, -88.64]

08/22/14 03:00 CST	0.50K	Lightning
08/22/14 03:00 CST	0	Source: Law Enforcement

Lightning struck a utility pole which caught fire.

COOK COUNTY --- 1.8 E MAYWOOD [41.87, -87.82], 1.8 E MAYWOOD [41.87, -87.81], 1.8 E MAYWOOD [41.87, -87.81], 1.8 E MAYWOOD [41.87, -87.82]

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	08/22/14 03:23 CST		0	Flash Flood (due to Heavy Rain)
	08/22/14 07:30 CST		0	Source: Public
Several lanes on westbound I-290 at Des Plaines Avenue were flooded and impassable.				
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DU PAGE COUNTY --- 1.2 SE NORTH LAKE [41.91, -87.93], 1.2 SE NORTH LAKE [41.91, -87.93], 1.2 SE NORTH LAKE [41.91, -87.93], 1.2 SE NORTH LAKE [41.91, -87.93]				
	08/22/14 03:23 CST		0	Flash Flood (due to Heavy Rain)
	08/22/14 07:30 CST		0	Source: Public
Eastbound I-290 at Emroy Avenue was flooded and closed.				
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LIVINGSTON COUNTY --- 1.5 NNE DWIGHT [41.10, -88.42], 0.5 E DWIGHT [41.08, -88.42], 0.5 W DWIGHT [41.08, -88.44], 1.5 NNW DWIGHT [41.10, -88.44]				
	08/22/14 04:02 CST		0	Flood (due to Heavy Rain)
	08/22/14 10:00 CST		0	Source: Law Enforcement
Street flooding up to two feet deep was reported in Dwight.				
Scattered thunderstorms produced heavy rain and severe winds across northeastern Illinois during the early evening hours. Additional thunderstorms developed overnight producing heavy rain that resulted in flooding. Several locations reported storm total rains of over four inches, including 4.53 inches by the co-op observer near Midway Airport. Much of this precipitation fell within a short time period. During the storm, the co-op observer near Midway measured several times reporting 1.80 inches at 17 minutes, 2.75 inches at 27 minutes, and 3.60 inches at the 40 minute mark.				
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COOK COUNTY --- 2.3 ESE SKOKIE [42.01, -87.68], 1.2 NE AVONDALE [41.98, -87.66]				
	08/25/14 11:19 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/14 11:22 CST		0	Source: Department of Highways
Chicago Street and Sanitation Department received numerous reports of downed trees and limbs in the Edgewater, Rogers Park, and Andersonville neighborhoods.				
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WILL COUNTY --- 0.2 SW JOLIET [41.53, -88.10]				
	08/25/14 12:10 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/14 12:10 CST		0	Source: Trained Spotter
A tree which was around a foot in diameter was uprooted in the 900 block of Western Avenue.				
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WILL COUNTY --- MOKENA [41.53, -87.88]				
	08/25/14 12:40 CST		0	Hail (0.75 in)
	08/25/14 12:42 CST		0	Source: Public
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WILL COUNTY --- PEOTONE [41.33, -87.78]				
	08/25/14 13:14 CST		0	Thunderstorm Wind (MG 51 kt)
	08/25/14 13:14 CST		0	Source: Trained Spotter
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LEE COUNTY --- ASHTON [41.87, -89.22]				
	08/25/14 14:25 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/25/14 14:25 CST		0	Source: Emergency Manager
A grain storage bin was damaged by severe winds.				
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LIVINGSTON COUNTY --- 0.9 NNW PONTIAC [40.88, -88.63]				
	08/25/14 16:35 CST		0	Thunderstorm Wind (EG 50 kt)
	08/25/14 16:35 CST		0	Source: Emergency Manager
A tree was blown down on Route 116.				
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LIVINGSTON COUNTY --- 1.0 NW PONTIAC [40.88, -88.63]				
	08/25/14 16:40 CST		0	Hail (0.75 in)
	08/25/14 16:40 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - August 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Scattered thunderstorms over northern Illinois produced sporadic wind damage and sub-severe hail.

WINNEBAGO COUNTY --- 0.5 NW CAMP GRANT [42.23, -89.09], 0.2 SW EAST ROCKFORD [42.25, -89.07]	08/26/14 08:24 CST		50K	Thunderstorm Wind (EG 50 kt)
	08/26/14 08:28 CST		0	Source: State Official
	Trees were blown down at Barry Road and Kishwaukee Street. A tree fell onto a house on 18th Avenue.			

BOONE COUNTY --- BELVIDERE [42.25, -88.85]	08/26/14 08:36 CST		0	Thunderstorm Wind (EG 50 kt)
	08/26/14 08:36 CST		0	Source: Law Enforcement
	Tree limbs and power lines were blown down in Belvidere.			

MCHENRY COUNTY --- MARENGO [42.25, -88.60]	08/26/14 08:51 CST		0	Thunderstorm Wind (MG 54 kt)
	08/26/14 08:51 CST		0	Source: Emergency Manager

GRUNDY COUNTY --- 0.2 WSW MINOOKA [41.45, -88.27]	08/26/14 09:36 CST		0	Hail (1.25 in)
	08/26/14 09:38 CST		0	Source: Trained Spotter
	Half dollar size hail was reported on Industrial Drive.			

Scattered thunderstorms moved across northern Illinois producing sporadic wind damage.

DE KALB COUNTY --- 1.4 S CHARTER GROVE [42.05, -88.65]	08/29/14 19:54 CST		0	Thunderstorm Wind (EG 50 kt)
	08/29/14 19:54 CST		0	Source: Law Enforcement
	Several large trees were blown down.			

An isolated severe thunderstorm over northern Illinois downed several trees near Genoa.

IROQUOIS COUNTY --- DEL REY [40.67, -88.02], 0.2 NNE DEL REY [40.67, -88.02], 0.3 ENE DEL REY [40.67, -88.01], 0.2 E DEL REY [40.67, -88.02]	08/30/14 19:00 CST		0	Flash Flood (due to Heavy Rain)
	08/31/14 01:00 CST		0	Source: Law Enforcement
	Water of an unknown depth was flowing across Highway 45 resulting in the highway being closed.			

Slow moving thunderstorms trained over portions of east central Illinois resulting in isolated flooding.

INDIANA, Northwest

LAKE COUNTY --- 1.5 SSE GARY [41.60, -87.34]	08/19/14 11:45 CST		0	Thunderstorm Wind (MG 50 kt)
	08/19/14 11:45 CST		0	Source: AWOS
	A broken line of thunderstorms produced an isolated severe wind gust across far northern Indiana.			

LAKE COUNTY --- 0.5 E CROWN PT [41.42, -87.36], 0.7 SE CROWN PT [41.41, -87.36], 0.5 S CROWN PT [41.41, -87.37], 0.0 W CROWN PT [41.42, -87.37]	08/21/14 17:00 CST		0	Flood (due to Heavy Rain)
	08/21/14 19:00 CST		0	Source: Social Media
	Standing water up to a foot deep was noted over numerous intersections across Crown Point. The ASOS at Valparaiso Airport measured 3.12 inches of rain.			

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LAKE COUNTY --- 1.4 W HOBART [41.53, -87.26], 1.4 WSW HOBART [41.53, -87.26], 1.6 WSW HOBART [41.53, -87.26], 1.6 W HOBART [41.53, -87.26]	08/22/14 01:30 CST		0	Flash Flood (due to Heavy Rain)
	08/22/14 06:30 CST		0	Source: Public

Waist deep water was reported on 8th Street near the middle school.

PORTER COUNTY --- 0.8 NE VALPARAISO [41.48, -87.04], 1.8 ENE VALPARAISO [41.48, -87.02], 0.7 N PORTER CO ARPT [41.46, -87.02], 0.9 SE VALPARAISO [41.46, -87.04]	08/22/14 03:00 CST		0.25M	Flash Flood (due to Heavy Rain)
	08/22/14 06:30 CST		0	Source: CoCoRaHS

Street and basement flooding was reported over portions of Valparaiso.

PORTER COUNTY --- 2.7 WSW SOUTH HAVEN [41.52, -87.22], 1.4 S GARYTON [41.55, -87.22], 1.9 SW BABCOCK [41.55, -87.12], 2.4 ESE SOUTH HAVEN [41.52, -87.12], 3.1 WSW VALPARAISO [41.46, -87.11]	08/22/14 03:00 CST		10M	Flash Flood (due to Heavy Rain)
	08/22/14 06:30 CST		0	Source: Fire Department/Rescue

Significant flooding occurred in South Haven requiring at least 18 boat evacuations in the predawn hours and at least three homes were declared uninhabitable. Basements across town were flooded and destroyed. Neighborhoods had around four feet of water which the fire department was trying to pump out. The Duck Creek subdivision in particular was hard hit. The entry into the subdivision was impassable. One resident was treated for a minor injury. The intersections of County Road 700 North and Indiana 149 along with U.S. 6 and Indiana 149 were closed due to flooding. Portions of County Road 250 West between Indiana 130 and U.S. 30 were washed away.

Scattered thunderstorms produced heavy rain across northwestern Indiana during the early evening hours. Additional thunderstorms developed overnight producing heavy rain that resulted in flooding.

LAKE COUNTY --- 0.6 SE DYER [41.50, -87.52], 0.8 ESE DYER [41.49, -87.52], 0.8 SE DYER [41.49, -87.52], 0.7 SE DYER [41.49, -87.52]	08/23/14 14:15 CST		50K	Flash Flood (due to Heavy Rain)
	08/23/14 20:30 CST		0	Source: Law Enforcement

Multiple cars stalled on flooded roadways in Dyer. A USGS River Gage measured 3.65 inches of rain.

LAKE COUNTY --- 1.0 SSW SCHERERVILLE [41.49, -87.45], 1.0 S SCHERERVILLE [41.49, -87.45], 0.9 N LAKE HILLS [41.48, -87.45], 1.0 NNW LAKE HILLS [41.48, -87.46]	08/23/14 14:40 CST		10K	Flash Flood (due to Heavy Rain)
	08/23/14 20:30 CST		0	Source: Department of Highways

A car become stranded on a flooded roadway in Schererville.

A line of thunderstorms briefly intensified over northwest Indiana producing torrential rain that resulted in localized flash flooding.

LAKE MICHIGAN

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]	08/19/14 11:20 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	08/19/14 11:25 CST		0	Source: C-MAN Station

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.5 WNW MICHIGAN CITY [41.76, -86.97]	08/19/14 12:30 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	08/19/14 12:30 CST		0	Source: Buoy

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]	08/19/14 12:35 CST		0	Marine Thunderstorm Wind (MG 49 kt)
	08/19/14 12:40 CST		0	Source: C-MAN Station

A broken line of thunderstorms produced strong winds across southern Lake Michigan.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]
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	08/23/14 13:35 CST		0	Marine Thunderstorm Wind (MG 43 kt)
	08/23/14 13:45 CST		0	Source: C-MAN Station

A line of thunderstorms moved over Lake Michigan producing strong winds.

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

08/26/14 10:10 CST	0	Marine Thunderstorm Wind (MG 38 kt)
08/26/14 10:10 CST	0	Source: C-MAN Station

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]

08/26/14 11:00 CST	0	Marine Thunderstorm Wind (MG 41 kt)
08/26/14 11:10 CST	0	Source: C-MAN Station

A line of thunderstorms moved over Lake Michigan producing strong winds.