

Storm Data and Unusual Weather Phenomena - July 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
GRUNDY COUNTY --- 5.4 SSE VERONA [41.15, -88.45]				
	07/10/13 07:00 CST		0	Hail (1.00 in)
	07/10/13 07:00 CST		0	Source: CoCoRaHS
GRUNDY COUNTY --- 0.4 NNW GARDNER [41.19, -88.32]				
	07/10/13 07:10 CST		0	Hail (1.00 in)
	07/10/13 07:10 CST		0	Source: Law Enforcement
Quarter size hail was reported near Interstate 55 and Gardner Road.				
FORD COUNTY --- 3.5 N GUTHRIE [40.55, -88.32]				
	07/10/13 07:11 CST		0	Hail (1.50 in)
	07/10/13 07:16 CST		0	Source: Public
Quarter to ping pong ball size hail caused crop damage and dented cars.				
GRUNDY COUNTY --- SOUTH WILMINGTON [41.17, -88.28]				
	07/10/13 07:15 CST		0	Hail (1.00 in)
	07/10/13 07:20 CST		0	Source: Public
KANKAKEE COUNTY --- ESSEX [41.18, -88.18]				
	07/10/13 07:15 CST		0	Hail (2.00 in)
	07/10/13 07:15 CST		0	Source: Public
During the morning of July 10th, isolated severe storms moved across the area dropping large hail.				
(IL-Z014) COOK, (IL-Z022) WILL				
	07/16/13 00:00 CST	3	25K	Heat
	07/20/13 23:59 CST		0	
Direct Fatalities: F71PH, M49PH, M69PH				
(IL-Z014) COOK				
	07/19/13 00:00 CST	3	0	Excessive Heat
	07/19/13 23:59 CST		0	
Direct Fatalities: F62PH, F70PH, F83PH				
<p>From July 14th through the 21st, temperatures climbed into the upper 80s to mid 90s while overnight lows stayed in the 70s. The warmest stretch ran from the 17th through the 19th. High temperatures (max heat indices) at Chicago O'Hare Airport reached 94°F (100°F) on July 17th, 95°F (101°F) on July 18th, and 96°F (100°F) on July 19th.</p> <p>On July 16th, the pavement buckled on the two east bound lanes of Joe Orr Road two blocks west of Cottage Grove Avenue.</p> <p>Between July 18th and July 21st, the heat was a contributing factor in the deaths of six people across Will and Cook counties.</p>				
KANE COUNTY --- 1.5 NNW SUGAR GROVE [41.77, -88.46]				
	07/18/13 14:37 CST		0	Thunderstorm Wind (MG 60 kt)
	07/18/13 14:37 CST		0	Source: ASOS
An isolated thunderstorm produced severe winds at Sugar Grove Airport.				
COOK COUNTY --- 1.2 NW HOFFMAN ESTATES [42.06, -88.14]				

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	07/19/13 20:14 CST		0	Thunderstorm Wind (EG 52 kt)
	07/19/13 20:14 CST		0	Source: Trained Spotter

Winds were estimated between 55 and 60 mph on the north side of Hoffman Estates.

COOK COUNTY --- 1.3 SSE ARLINGTON HGTS [42.06, -87.99]

07/19/13 20:17 CST	0	Thunderstorm Wind (EG 50 kt)
07/19/13 20:17 CST	0	Source: Trained Spotter

A large tree limb was blown down on South Salem Lane in Arlington Heights.

A broken line of severe thunderstorms dropped south across far northeastern Illinois producing damaging winds.

MCHENRY COUNTY --- 1.7 SSE CORAL [42.20, -88.56]

07/20/13 18:40 CST	0	Thunderstorm Wind (EG 65 kt)
07/20/13 18:40 CST	0	Source: Newspaper

Severe winds uprooted 42 trees at Marengo Ridge Golf Course, some of which were from 1963 when the golf course opened.

MCHENRY COUNTY --- HUNTLEY [42.17, -88.42]

07/20/13 18:55 CST	0	Thunderstorm Wind (EG 60 kt)
07/20/13 18:55 CST	0	Source: Trained Spotter

Several trees were blown down in Huntley.

MCHENRY COUNTY --- HUNTLEY [42.17, -88.42]

07/20/13 18:55 CST	0	Hail (2.75 in)
07/20/13 18:59 CST	0	Source: Trained Spotter

KANE COUNTY --- 0.6 NNE HENPECK [42.13, -88.47]

07/20/13 19:00 CST	0	Thunderstorm Wind (EG 50 kt)
07/20/13 19:00 CST	1	Source: Law Enforcement

A construction trailer was blown over on Rockport Road. One person was injured.

KANE COUNTY --- 0.3 E PINGREE GROVE [42.07, -88.41]

07/20/13 19:04 CST	0	Thunderstorm Wind (EG 60 kt)
07/20/13 19:04 CST	0	Source: Trained Spotter

A two-foot diameter tree was blown down on Highway 20. Other trees were blown down blocking the west bound lane.

KANE COUNTY --- 0.3 ESE PINGREE GROVE [42.07, -88.41]

07/20/13 19:08 CST	0	Hail (1.00 in)
07/20/13 19:08 CST	0	Source: Trained Spotter

KANE COUNTY --- 1.0 N ELGIN [42.04, -88.28], 2.0 NNE YOUNGSDALE [42.01, -88.34]

07/20/13 19:27 CST	0	Thunderstorm Wind (MG 52 kt)
07/20/13 19:27 CST	0	Source: Trained Spotter

Winds measured to 60 mph knocked out power near the intersection of Randall Road and Bowes Road. Large tree limbs were blown down in north Elgin.

KANE COUNTY --- 1.0 E ST CHARLES [41.92, -88.30]

07/20/13 19:28 CST	0	Thunderstorm Wind (EG 52 kt)
07/20/13 19:28 CST	0	Source: COOP Observer

Winds were estimated to 60 mph in St Charles.

KANE COUNTY --- 1.0 E BATAVIA [41.85, -88.30]

07/20/13 19:40 CST	0	Thunderstorm Wind (EG 52 kt)
07/20/13 19:40 CST	0	Source: Public

Winds were estimated to 60 mph in Batavia.

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DU PAGE COUNTY --- 2.1 WSW NAPERVILLE [41.76, -88.19]				
	07/20/13 20:04 CST		0	Thunderstorm Wind (EG 50 kt)
	07/20/13 20:04 CST		0	Source: Public
A tree was blown down blocking westbound lanes of Aurora Avenue near Route 34.				
During the evening of July 20th, an isolated supercell developed over northern Illinois producing baseball size hail and damaging winds.				
COOK COUNTY --- 0.7 E BARRINGTON WOODS [42.13, -88.06]				
	07/21/13 15:55 CST		0	Thunderstorm Wind (EG 50 kt)
	07/21/13 15:55 CST		0	Source: Trained Spotter
At least four trees were snapped at Palatine Hills Golf Course, the largest of which was just over a foot in diameter. Several large branches were blown down.				
During the late afternoon of July 21st, a severe thunderstorm developed over northern Cook County producing severe winds.				
WINNEBAGO COUNTY --- 1.0 S SAMUELSON CORNERS [42.29, -89.03], 4.0 NE LOVES PARK [42.36, -88.99]				
	07/22/13 21:30 CST		0	Thunderstorm Wind (MG 56 kt)
	07/22/13 21:37 CST		0	Source: Trained Spotter
A large tree split, with a roughly one foot diameter section falling onto power lines near the intersection of Highcrest Road and Alpine Road. In Loves Park, several 15 to 20 inch pine trees snapped where 65 mph winds were measured. A spotter approximately four miles northeast of Loves Park estimated winds to 65 mph, while a spotter two miles east of Rockford estimated winds to 60 mph.				
BOONE COUNTY --- 2.1 SE CALEDONIA [42.35, -88.87], 0.4 ENE POPLAR GROVE [42.37, -88.82]				
	07/22/13 21:35 CST		20K	Thunderstorm Wind (EG 55 kt)
	07/22/13 21:38 CST		0	Source: Broadcast Media
Several large trees fell onto three homes in Candlewick Lake Subdivision near Poplar Grove. A large tree fell down blocking Route 173 in Poplar Grove.				
A line of severe thunderstorms moved across northern Illinois during the late evening of July 22nd.				
INDIANA, Northwest				
LAKE COUNTY --- 0.7 NNE DINWIDDIE [41.29, -87.32]				
	07/10/13 08:48 CST		0	Hail (1.75 in)
	07/10/13 08:52 CST		0	Source: Law Enforcement
PORTER COUNTY --- 1.3 WNW HEBRON [41.33, -87.22]				
	07/10/13 08:50 CST		0	Hail (1.00 in)
	07/10/13 08:53 CST		0	Source: CoCoRaHS
PORTER COUNTY --- BOONE GROVE [41.35, -87.13]				
	07/10/13 08:57 CST		0	Hail (1.50 in)
	07/10/13 09:01 CST		0	Source: Public
PORTER COUNTY --- 2.0 WNW KOUTS [41.33, -87.07]				
	07/10/13 09:09 CST		0	Hail (0.75 in)
	07/10/13 09:12 CST		0	Source: Trained Spotter
During the morning of July 10th, isolated severe storms moved across the area dropping large hail.				
(IN-Z002) PORTER				
	07/27/13 17:30 CST	1	0	Rip Current
	07/27/13 17:30 CST		0	

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Direct Fatalities: M37IW

Strong rip currents developed at the Indiana Dunes National Lakeshore during the evening of July 27th. A 37 year old man swimming at Lakeview Beach was caught in the currents and later died.

LAKE MICHIGAN

WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WAUKEGAN HARBOR [42.35, -87.81]

07/19/13 19:15 CST	0		Marine Thunderstorm Wind (MG 43 kt)
07/19/13 19:20 CST	0		Source: C-MAN Station

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

07/19/13 20:50 CST	0		Marine Thunderstorm Wind (MG 44 kt)
07/19/13 21:15 CST	0		Source: C-MAN Station

Harrison-Dever Crib gusted in excess of 34 knots for 25 minutes, peaking at 44 knots.

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

07/19/13 21:55 CST	0		Marine Thunderstorm Wind (MG 57 kt)
07/19/13 22:00 CST	0		Source: C-MAN Station

WILMETTE HARBOR TO MICHIGAN CITY IN 5NM OFFSHORE TO MID LAKE COUNTY --- 3.5 WNW MICHIGAN CITY [41.76, -86.97]

07/19/13 22:40 CST	0		Marine Thunderstorm Wind (MG 35 kt)
07/19/13 22:40 CST	0		Source: Buoy

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

07/19/13 22:45 CST	0		Marine Thunderstorm Wind (MG 39 kt)
07/19/13 22:50 CST	0		Source: C-MAN Station

Michigan City gusted in excess of 34 knots for 5 minutes, peaking at 39 knots.

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

07/19/13 22:57 CST	0		Marine Thunderstorm Wind (MG 37 kt)
07/19/13 23:00 CST	0		Source: C-MAN Station

Severe thunderstorms skirted along the western shores of Lake Michigan producing severe winds.

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

07/22/13 23:15 CST	0		Marine Thunderstorm Wind (MG 41 kt)
07/22/13 23:30 CST	0		Source: C-MAN Station

Harrison-Dever Crib gusted in excess of 34 knots for 15 minutes, peaking at 41 knots.

A line of thunderstorms moved over Lake Michigan during the late evening of July 22nd.