

## Storm Data and Unusual Weather Phenomena - February 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northeast</b>				
<b>LEE COUNTY --- 3.0 NW AMBOY [41.75, -89.37]</b>				
	02/23/17 23:05 CST		0	Hail (1.00 in)
	02/23/17 23:07 CST		0	Source: Trained Spotter
Nickel to quarter size hail completely covering the ground was reported.				
<b>COOK COUNTY --- EVANSTON [42.05, -87.68]</b>				
	02/24/17 01:20 CST		0	Hail (1.00 in)
	02/24/17 01:22 CST		0	Source: Trained Spotter
Scattered thunderstorms moved across parts of northern Illinois during the late evening of February 23rd and the early morning of February 24th producing large hail.				
<b>LA SALLE COUNTY --- 1.8 WNW CEDAR POINT [41.28, -89.16], 0.7 N CEDAR POINT [41.28, -89.13]</b>				
	02/28/17 16:27 CST		0	Tornado (EF0, L: 1.75 mi , W: 50 yd)
	02/28/17 16:30 CST		0	Source: Trained Spotter
The location and time of this tornado were estimated from spotter photos and videos from the area. No damage was identified, so the intensity is estimated. (Tornado #1 of 7).				
<b>DE KALB COUNTY --- SYCAMORE [41.98, -88.68]</b>				
	02/28/17 16:35 CST		0	Hail (0.88 in)
	02/28/17 16:36 CST		0	Source: Public
<b>DE KALB COUNTY --- DEKALB [41.93, -88.75]</b>				
	02/28/17 16:39 CST		0	Hail (0.88 in)
	02/28/17 16:45 CST		0	Source: Trained Spotter
Penny to nickel size hail was reported in DeKalb, including at the Northern Illinois University.				
<b>LA SALLE COUNTY --- 2.6 E UTICA AIRPARK ARPT [41.32, -88.95], 2.2 NNW MARSEILLES [41.36, -88.74]</b>				
	02/28/17 16:41 CST	2	0	Tornado (EF3, L: 11.50 mi , W: 800 yd)
	02/28/17 16:59 CST	14	0	Source: Trained Spotter
The first area of significant damage in the EF2 range was in the area around the La Salle County Nursing Home and La Salle County Highway Department, with lighter damage upstream from this location. The tornado continued into Naplate and produced widespread EF2 damage to numerous homes. EF3 damage also was identified in two locations. The first was where a minivan was thrown about 30 yards and a home was lifted off its foundation and left with only its interior walls intact. The second was at the Pilkington Glass plant where one section of the factory was completely destroyed. The tornado then crossed the Illinois River and moved through the south side of Ottawa, producing an 800 yard wide path of EF1 damage to trees and homes. The fatalities in Ottawa occurred from a tree falling onto two men who were working outside. The tornado then crossed the Illinois River again and continued to produce EF1 and EF0 damage as it exited Ottawa, finally dissipating in the area northwest of Marseilles. ( Tornado #2 of 7).				
Direct Fatalities: M31OU, M76OU				
<b>LA SALLE COUNTY --- OTTAWA [41.35, -88.85]</b>				
	02/28/17 16:43 CST		0	Hail (2.75 in)
	02/28/17 16:46 CST		0	Source: Social Media
Hail was estimated to be the size of baseballs in Ottawa.				
<b>KANE COUNTY --- PINGREE GROVE [42.07, -88.42]</b>				
	02/28/17 16:56 CST		0	Hail (0.75 in)
	02/28/17 16:56 CST		0	Source: Trained Spotter
<b>LA SALLE COUNTY --- 1.4 WSW (MMO)MARSEILLES [41.36, -88.71], 1.4 E (MMO)MARSEILLES [41.37, -88.65]</b>				
	02/28/17 16:58 CST		0	Tornado (EF1, L: 2.80 mi , W: 200 yd)
	02/28/17 17:02 CST		0	Source: Trained Spotter

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The tornado moved along N 30th Road south of Interstate 80 and produced damage at two farmsteads, both on the north side of the road, and to a tower on the south side of the road. Videos of this tornado suggested the condensation funnel possibly was wider than documented by the survey , but the path width was estimated based on the areas of damage. ( Tornado #3 of 7).				

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### GRUNDY COUNTY --- 4.7 WNW STOCKDALE [41.38, -88.58], 3.9 WNW STOCKDALE [41.38, -88.56]

02/28/17 17:04 CST	0	Tornado (EF0, L: 1.20 mi , W: 200 yd)
02/28/17 17:06 CST	0	Source: NWS Storm Survey

The path of this tornado was estimated based on video evidence as well as debris found along Interstate 80 near mile marker 104. (Tornado #4 of 7).

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### OGLE COUNTY --- 2.0 NNE CARTHAGE [41.95, -89.31], 2.3 SSE WATERTOWN [41.95, -89.28]

02/28/17 17:07 CST	0	Tornado (EF1, L: 1.50 mi , W: 50 yd)
02/28/17 17:09 CST	0	Source: Trained Spotter

The tornado toppled farm equipment, collapsed outbuildings, damaged roofs of homes, and broke large branches out of trees. Straight line winds estimated to be up to 80 MPH produced additional damage 1 to 1.5 miles beyond the tornado path. ( Tornado #5 of 7).

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### LEE COUNTY --- DIXON [41.83, -89.48]

02/28/17 17:12 CST	0	Hail (1.00 in)
02/28/17 17:14 CST	0	Source: Trained Spotter

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### WINNEBAGO COUNTY --- 1.6 WNW PERRYVILLE [42.24, -89.00]

02/28/17 17:12 CST	0	Hail (0.88 in)
02/28/17 17:13 CST	0	Source: Trained Spotter

Nickel size hail was reported near Harrison Avenue and Mulford Road.

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### WILL COUNTY --- SHOREWOOD [41.52, -88.20]

02/28/17 17:34 CST	0	Hail (1.25 in)
02/28/17 17:36 CST	0	Source: NWS Employee

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### WILL COUNTY --- 0.6 NNE CRYSTAL LAWN [41.54, -88.13]

02/28/17 17:38 CST	0	Hail (1.00 in)
02/28/17 17:40 CST	0	Source: Trained Spotter

Quarter size hail was reported near Larkin Avenue and Black Road.

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### WILL COUNTY --- 1.3 SE PLAINFIELD [41.59, -88.18]

02/28/17 17:46 CST	0	Hail (1.25 in)
02/28/17 17:48 CST	0	Source: Public

Half dollar size hail was reported near Lily Cache Road.

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### LA SALLE COUNTY --- 0.2 SE RUTLAND [40.98, -89.05], 0.8 ENE RUTLAND [40.99, -89.04]

02/28/17 17:49 CST	0	Tornado (EF0, L: 0.81 mi , W: 600 yd)
02/28/17 17:50 CST	0	Source: NWS Storm Survey

The tornado weakened in southeast Marshall County as it crossed I-39 west of Rutland. As the tornado entered LaSalle County and moved into Rutland, it damaged trees and did minor damage to house roofs, before dissipating 0.4 miles east of Rutland at 5:50 pm. ( Tornado #6 of 7).

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### WILL COUNTY --- 0.4 NW (LOT) LEWIS UNIVERSITY AIRPORT [41.60, -88.08]

02/28/17 17:50 CST	0	Hail (0.75 in)
02/28/17 17:50 CST	0	Source: Official NWS Observations

Penny size hail was observed at the National Weather Service office in Romeoville.

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### LA SALLE COUNTY --- 2.0 E RUTLAND [40.98, -89.01], 3.0 NNE DANA [41.00, -88.93]

02/28/17 17:52 CST	0	Tornado (EF2, L: 4.50 mi , W: 75 yd)
02/28/17 17:57 CST	0	Source: NWS Storm Survey

A tornado began east of Rutland , producing isolated tree damage. The tornado increased in intensity as it crossed into Livingston County, where it tore the roof off of a house as it was likely at its peak intensity of EF 2.

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<b>LIVINGSTON COUNTY --- 2.6 W LONG POINT [41.00, -88.93], 1.6 WNW LONG POINT [41.01, -88.91]</b>				
	02/28/17 17:57 CST		0	Tornado (EF2, L: 1.10 mi , W: 75 yd)
	02/28/17 17:59 CST		0	Source: NWS Storm Survey
A tornado began east of Rutland in La Salle County and increased in intensity as it crossed into Livingston County , where it tore the roof off of a house as it was likely at its peak intensity of EF2. The tornado then weakened and snapped a couple of trees before dissipating one mile west of Long Point.				
<b>WILL COUNTY --- 2.2 SSW GOODINGS GROVE [41.60, -87.94]</b>				
	02/28/17 17:58 CST		0	Hail (0.88 in)
	02/28/17 17:58 CST		0	Source: Public
Nickel size hail was reported in Homer Glen.				
<b>WILL COUNTY --- 0.9 SSW SHOREWOOD [41.51, -88.20]</b>				
	02/28/17 18:05 CST		0	Hail (1.00 in)
	02/28/17 18:06 CST		0	Source: Trained Spotter
Quarter size hail was reported near Seil Road and Sarver Drive.				
<b>COOK COUNTY --- ALSIP [41.67, -87.73]</b>				
	02/28/17 18:12 CST		0	Hail (1.00 in)
	02/28/17 18:13 CST		0	Source: Law Enforcement
<b>WILL COUNTY --- 1.7 SSE (JOT) JOLIET REGIONAL AIRPORT [41.50, -88.17], 1.8 SSE (JOT) JOLIET REGIONAL AIRPORT [41.50, -88.17], 2.2 SSE (JOT) JOLIET REGIONAL AIRPORT [41.49, -88.16], 2.0 NE BIRDS [41.49, -88.17]</b>				
	02/28/17 18:15 CST		0	Flood (due to Heavy Rain)
	02/28/17 21:00 CST		0	Source: Amateur Radio
Standing water 3 to 4 inches deep was reported near Interstate 55 and Houlbolt Road.				
<b>WILL COUNTY --- 0.8 W RIDGEWOOD [41.53, -88.05], 0.5 W RIDGEWOOD [41.53, -88.04], 0.5 W RIDGEWOOD [41.53, -88.04], 0.8 W RIDGEWOOD [41.53, -88.05]</b>				
	02/28/17 18:30 CST		0	Flood (due to Heavy Rain)
	02/28/17 20:30 CST		0	Source: Trained Spotter
One foot of standing water was reported on Route 30 near Briggs Road.				
<b>COOK COUNTY --- 0.8 E CALUMET [41.57, -87.67]</b>				
	02/28/17 18:41 CST		0.50K	Thunderstorm Wind (EG 65 kt)
	02/28/17 18:41 CST		0	Source: Amateur Radio
A window was blown out of a house near 175th Street and Dixie Highway.				
<b>WILL COUNTY --- 1.2 ENE FRANKFORT [41.51, -87.83]</b>				
	02/28/17 18:45 CST		0	Hail (0.88 in)
	02/28/17 18:45 CST		0	Source: Amateur Radio
Nickel size hail was reported near Route 30 and Pfeiffer Road.				
<b>COOK COUNTY --- 0.3 NNW (IGQ) LANSING MUNICIPAL AIRPORT [41.53, -87.53]</b>				
	02/28/17 20:23 CST		0	Hail (0.88 in)
	02/28/17 20:23 CST		0	Source: Amateur Radio
Nickel size hail was reported at the Lansing Municipal Airport.				
<b>WILL COUNTY --- MOKENA [41.53, -87.88]</b>				
	02/28/17 20:43 CST		0	Hail (0.75 in)
	02/28/17 20:43 CST		0	Source: Public
<b>WILL COUNTY --- FRANKFORT [41.50, -87.85], 1.2 NNE FRANKFORT [41.52, -87.84]</b>				

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	02/28/17 20:48 CST		0	Hail (1.75 in)
	02/28/17 20:51 CST		0	Source: Amateur Radio
Quarter to golf ball size hail was reported with half dollar size hail reported between Route 30 and Saint Francis Road.				
<b>COOK COUNTY --- OLYMPIA FIELDS [41.52, -87.70]</b>				
	02/28/17 20:52 CST		0	Hail (1.75 in)
	02/28/17 20:55 CST		0	Source: Law Enforcement
<b>COOK COUNTY --- HOMEWOOD [41.55, -87.65]</b>				
	02/28/17 20:55 CST		0	Thunderstorm Wind (EG 52 kt)
	02/28/17 20:55 CST		0	Source: Public
Wind gusts were estimated to 60 mph.				
<b>LA SALLE COUNTY --- MENDOTA [41.55, -89.12]</b>				
	02/28/17 20:55 CST		0	Hail (1.00 in)
	02/28/17 20:56 CST		0	Source: Public
<b>COOK COUNTY --- FLOSSMOOR [41.53, -87.68]</b>				
	02/28/17 20:58 CST		0	Hail (0.88 in)
	02/28/17 20:58 CST		0	Source: Amateur Radio
<b>COOK COUNTY --- ORLAND PARK [41.63, -87.87]</b>				
	02/28/17 21:42 CST		0	Hail (1.00 in)
	02/28/17 21:43 CST		0	Source: Public
<b>COOK COUNTY --- ALSIP [41.67, -87.73]</b>				
	02/28/17 21:47 CST		0	Hail (1.00 in)
	02/28/17 21:48 CST		0	Source: Law Enforcement
<b>LA SALLE COUNTY --- 3.3 NW NORTH UTICA [41.37, -89.06]</b>				
	02/28/17 21:53 CST		0	Thunderstorm Wind (EG 60 kt)
	02/28/17 21:53 CST		0	Source: Law Enforcement
A semi truck was blown over near Interstate 80 and Interstate 39.				
<b>KENDALL COUNTY --- 2.4 SSE NEWARK [41.50, -88.56]</b>				
	02/28/17 22:12 CST		1K	Thunderstorm Wind (EG 65 kt)
	02/28/17 22:12 CST		0	Source: Public
Large trees were blown down blocking Roods Road. Power lines were also damaged.				
<b>LA SALLE COUNTY --- 6.0 NE OTTAWA [41.41, -88.77]</b>				
	02/28/17 22:12 CST		0	Thunderstorm Wind (EG 61 kt)
	02/28/17 22:12 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph.				
<b>WILL COUNTY --- PEOTONE [41.33, -87.78]</b>				
	02/28/17 23:40 CST		5K	Thunderstorm Wind (EG 61 kt)
	02/28/17 23:40 CST		0	Source: Public

A metal roof was blown off a large barn but the rafters were still intact.

The late afternoon into the evening of Tuesday, February 28 brought a favorable setup for severe weather, including strong tornadoes across much of the Mid-Mississippi Valley and Lower Great Lakes regions. There were seven tornadoes confirmed in the NWS Chicago county warning area. Large hail was reported in numerous areas.

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INDIANA, Northwest				
LAKE COUNTY --- 2.0 W EAST CHICAGO [41.65, -87.51]				
	02/28/17 18:36 CST		0	Thunderstorm Wind (MG 83 kt)
	02/28/17 18:36 CST		0	Source: Mesonet
A wind gust to 95 mph was measured two miles west of East Chicago.				
JASPER COUNTY --- 3.9 S WHEATFIELD [41.14, -87.05]				
	02/28/17 23:59 CST		0	Thunderstorm Wind (EG 56 kt)
	02/28/17 23:59 CST		0	Source: Trained Spotter
A one foot diameter tree was snapped near County Road 900 North and State Road 49.				
Severe thunderstorms moved across northwest Indiana during the evening hours of February 28th.				