

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ILLINOIS, Northeast</b>				
<b>WINNEBAGO COUNTY --- 0.5 E ROSCOE [42.42, -89.01]</b>				
	06/17/14 00:20 CST		10K	Thunderstorm Wind (EG 60 kt)
	06/17/14 00:20 CST		0	Source: Law Enforcement
A few trees were uprooted and a branch fell through a home.				
<b>WINNEBAGO COUNTY --- ROCKTON [42.45, -89.07]</b>				
	06/17/14 00:20 CST		25K	Thunderstorm Wind (EG 60 kt)
	06/17/14 00:20 CST		0	Source: Law Enforcement
A garage collapsed due to severe winds.				
<b>MCHENRY COUNTY --- 0.9 NW RICHMOND [42.48, -88.31]</b>				
	06/17/14 22:25 CST		0	Hail (0.75 in)
	06/17/14 22:27 CST		0	Source: Public
A line of severe thunderstorms moved across northern Illinois very early in the morning of June 17th producing damaging winds. During the evening of June 17th, a few isolated thunderstorms moved across northern Illinois, one producing penny size hail.				
<b>OGLE COUNTY --- 2.1 SW STILLMAN VLY [42.08, -89.21]</b>				
	06/18/14 16:52 CST		0	Hail (1.00 in)
	06/18/14 16:54 CST		0	Source: Public
<b>OGLE COUNTY --- 4.2 S BYRON [42.07, -89.26]</b>				
	06/18/14 17:02 CST		0	Hail (0.88 in)
	06/18/14 17:04 CST		0	Source: Public
<b>DE KALB COUNTY --- 2.2 WSW SYCAMORE [41.97, -88.72]</b>				
	06/18/14 17:42 CST		0	Thunderstorm Wind (EG 50 kt)
	06/18/14 17:42 CST		0	Source: Trained Spotter
Power lines were blown down near Route 23 and Bethany Road.				
<b>KANE COUNTY --- 1.6 E AURORA [41.77, -88.29]</b>				
	06/18/14 18:20 CST		0	Hail (1.00 in)
	06/18/14 18:22 CST		0	Source: Trained Spotter
<b>KENDALL COUNTY --- 1.2 NE OSWEGO [41.69, -88.33]</b>				
	06/18/14 18:25 CST		0	Thunderstorm Wind (MG 67 kt)
	06/18/14 18:25 CST		0	Source: Mesonet
<b>DU PAGE COUNTY --- 1.8 ENE WARRENVILLE [41.83, -88.14]</b>				
	06/18/14 18:30 CST		0.50M	Lightning
	06/18/14 18:30 CST	3	0	Source: Newspaper
Lightning struck a home on Seneca Drive in unincorporated Wheaton sparking a fire and causing extensive damage. It is believed that a second lightning strike hit near an aerial truck that three fire fighters were working on causing minor injuries to the fire fighters who were treated and released from the hospital a few hours later.				
<b>KANE COUNTY --- 1.0 E ST CHARLES [41.92, -88.30]</b>				
	06/18/14 18:30 CST		25K	Lightning
	06/18/14 18:30 CST		0	Source: Law Enforcement
Lightning caused a fire to a residence in unincorporated St Charles.				
<b>DE KALB COUNTY --- 1.0 W DE KALB [41.93, -88.77]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/18/14 21:15 CST		0	Hail (0.75 in)
	06/18/14 21:17 CST		0	Source: Trained Spotter
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<b>COOK COUNTY --- 1.0 SSE SCHAUMBURG [42.02, -88.07]</b>				
	06/19/14 00:30 CST		50K	Lightning
	06/19/14 00:30 CST		0	Source: Newspaper
<p>Lightning struck a home on East Weathersfield Way resulting in a fire that caused moderate damage. No injuries were reported.</p> <p><b>A line of thunderstorms dropped southeast across northern Illinois during the evening of June 18th producing marginally severe winds and hail.</b></p>				
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<b>KANKAKEE COUNTY --- 0.3 NNE HERSCHER [41.05, -88.10], 0.8 E HERSCHER [41.05, -88.09]</b>				
	06/21/14 14:48 CST		3K	Thunderstorm Wind (EG 60 kt)
	06/21/14 14:48 CST		0	Source: Trained Spotter
<p>A large tree was blown down onto power lines approximately a block south of Route 115 on Main Street. A few utility poles and numerous small branches were blown down throughout the village.</p>				
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<b>LEE COUNTY --- 0.5 W HARMON [41.72, -89.56]</b>				
	06/21/14 15:08 CST		0	Hail (0.88 in)
	06/21/14 15:10 CST		0	Source: Trained Spotter
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<b>IROQUOIS COUNTY --- 0.7 NW CLIFTON [40.94, -87.94], 2.0 S CLIFTON [40.90, -87.93]</b>				
	06/21/14 15:20 CST		10K	Thunderstorm Wind (EG 60 kt)
	06/21/14 15:20 CST		0	Source: Emergency Manager
<p>Numerous trees, power lines and utility lines were blown down across town. A shed was destroyed approximately two miles south of town.</p>				
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<b>LAKE COUNTY --- ROUND LAKE BEACH [42.38, -88.08]</b>				
	06/21/14 15:30 CST		0	Thunderstorm Wind (EG 60 kt)
	06/21/14 15:30 CST		0	Source: Trained Spotter
<p>A number of trees were blown down on the western edge of Round Lake Beach.</p>				
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<b>LAKE COUNTY --- 0.7 SSE VOLO [42.32, -88.16]</b>				
	06/21/14 15:37 CST		10K	Thunderstorm Wind (EG 60 kt)
	06/21/14 15:37 CST		0	Source: Amateur Radio
<p>A gazebo was lifted from a backyard and dropped into the front yard onto a gas regulator on Gilmer Road just south of Route 120.</p>				
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<b>IROQUOIS COUNTY --- 0.5 E CRESCENT CITY [40.77, -87.86], 1.3 ESE CRESCENT CITY [40.76, -87.85]</b>				
	06/21/14 15:45 CST		0	Hail (1.75 in)
	06/21/14 15:50 CST		10K	Source: Public
<p>Extensive crop damage was reported near Crescent City.</p>				
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<b>LAKE COUNTY --- 0.5 W FAIRFIELD [42.22, -88.06]</b>				
	06/21/14 15:47 CST		0	Thunderstorm Wind (MG 61 kt)
	06/21/14 15:47 CST		0	Source: Trained Spotter
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<b>IROQUOIS COUNTY --- 0.5 E CRESCENT CITY [40.77, -87.86], 1.4 E CRESCENT CITY [40.77, -87.84]</b>				
	06/21/14 15:50 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	06/21/14 15:50 CST		0	Source: Public
<p>Numerous trees and power poles were blown down along Route 24. A warehouse received extensive damage on one end and a farm building also was slightly damaged.</p>				
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<b>LAKE COUNTY --- 2.5 NW FAIRFIELD [42.25, -88.08]</b>				
	06/21/14 15:50 CST		20K	Thunderstorm Wind (EG 60 kt)
	06/21/14 15:50 CST		0	Source: Emergency Manager

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tree was blown down and split the roof of a house near Pheasant Run just north of Fairfield Road.				
<b>LAKE COUNTY --- MUNDELEIN [42.27, -88.00]</b>				
	06/21/14 15:50 CST		0	Thunderstorm Wind (MG 65 kt)
	06/21/14 15:50 CST		0	Source: Trained Spotter
<b>COOK COUNTY --- 2.3 N SKOKIE [42.06, -87.73], 2.3 N SKOKIE [42.06, -87.73], 2.3 N SKOKIE [42.06, -87.73], 2.3 N SKOKIE [42.06, -87.73]</b>				
	06/21/14 16:53 CST		0	Flash Flood (due to Heavy Rain)
	06/21/14 22:30 CST		0	Source: Trained Spotter
Up to six inches of flowing water was reported at Prospect Avenue and Harrison Street. A CoCoRaHS observer near Winnetka measured 2.19 inches of rain in 55 minutes while the ASOS at O'Hare measured 0.90 inches of rain in 20 minutes.				
<b>COOK COUNTY --- 1.4 W AVONDALE [41.97, -87.71], 1.4 W AVONDALE [41.97, -87.71], 1.4 W AVONDALE [41.97, -87.71], 1.4 W AVONDALE [41.97, -87.71]</b>				
	06/21/14 17:16 CST		0	Flood (due to Heavy Rain)
	06/21/14 22:30 CST		0	Source: Public
The intersection at Argyle Street and Albany Avenue was flooded with six inches of water.				
<b>KANE COUNTY --- 1.4 SE FOX RIVER ESTATES [41.95, -88.28], 1.5 ESE FOX RIVER ESTATES [41.96, -88.27], 1.5 ESE FOX RIVER ESTATES [41.96, -88.27], 1.5 SE FOX RIVER ESTATES [41.95, -88.28]</b>				
	06/21/14 17:45 CST		0	Flood (due to Heavy Rain)
	06/21/14 22:00 CST		0	Source: Public
Approximately 8 to 10 inches of standing water was reported along Surrey Road. A CoCoRaHS observer near Sugar Grove measured 2.22 inches of rain in 35 minutes.				
<b>WILL COUNTY --- 1.0 SSE JOLIET [41.52, -88.10], 0.9 SSE JOLIET [41.52, -88.09], 0.9 SSE JOLIET [41.52, -88.09], 1.0 SSE JOLIET [41.52, -88.09]</b>				
	06/21/14 17:45 CST		0	Flood (due to Heavy Rain)
	06/21/14 23:30 CST		0	Source: Emergency Manager
About a foot of standing water was reported on Center Street just north of I-80. Viaducts in the area had about 8 to 10 inches of water. A CoCoRaHS observer near Plainfield measured 1.30 inches of rain in 30 minutes.				
<b>COOK COUNTY --- 1.0 NNE PARK FOREST [41.49, -87.67], 1.1 NNE PARK FOREST [41.49, -87.67], 0.7 NNE PARK FOREST [41.49, -87.67], 0.7 NNE PARK FOREST [41.49, -87.67]</b>				
	06/21/14 17:57 CST		0	Flash Flood (due to Heavy Rain)
	06/21/14 22:30 CST		0	Source: Trained Spotter
Around six inches of flowing water was reported on downtown streets of Park Forest.				
<b>WILL COUNTY --- 1.1 N EAGLE LAKE [41.39, -87.55], 1.1 NNE EAGLE LAKE [41.39, -87.55], 1.0 NNE EAGLE LAKE [41.38, -87.55], 1.0 N EAGLE LAKE [41.38, -87.55]</b>				
	06/21/14 17:57 CST		0	Flash Flood (due to Heavy Rain)
	06/21/14 23:30 CST		0	Source: Trained Spotter
Approximately a foot of flowing water was reported over Offner Road.				
<b>WILL COUNTY --- 1.5 NNW EAGLE LAKE [41.39, -87.56]</b>				
	06/21/14 17:57 CST		0	Thunderstorm Wind (EG 60 kt)
	06/21/14 17:57 CST		0	Source: Trained Spotter
Two trees, one 20 inches in diameter and the other 10 inches in diameter, were blown down. Numerous tree limbs were blown down.				
<b>KANKAKEE COUNTY --- 0.9 NE GRANT PARK [41.24, -87.64], 2.1 W SOLLITT [41.30, -87.67]</b>				
	06/21/14 18:00 CST		50K	Thunderstorm Wind (EG 60 kt)
	06/21/14 18:02 CST		0	Source: Trained Spotter
Multiple large trees were blown down along area county roads, including one that fell onto a house at 620W County Line Road, and another that was uprooted and fell onto a car. Some of the trees were up to 16 inches in diameter.				

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<b>KANE COUNTY --- 1.6 N SUGAR GROVE [41.77, -88.45], 1.5 N SUGAR GROVE [41.77, -88.45], 1.5 N SUGAR GROVE [41.77, -88.45], 1.5 N SUGAR GROVE [41.77, -88.45]</b>				
	06/21/14 18:45 CST	0		Flood (due to Heavy Rain)
	06/21/14 22:00 CST	0		Source: Public
Approximately eight inches of standing water was reported over the intersection of Galena Boulevard and Municipal Drive.				
<b>KANKAKEE COUNTY --- 1.4 SSW PUDER [41.25, -87.61], 1.3 SSW PUDER [41.25, -87.61], 1.3 SSW PUDER [41.25, -87.61], 1.4 SSW PUDER [41.25, -87.61]</b>				
	06/21/14 19:07 CST	0		Flood (due to Heavy Rain)
	06/21/14 23:30 CST	0		Source: Trained Spotter
Up to four inches of flowing water was reported over portions of 9000N east of Route 1.				
<p><b>June 21st began with widespread stratus and fog across much of northeast Illinois which would give way to breaks of sunshine by late morning. The warming combined with the muggy near-surface conditions led to quick destabilization. An MCV traversed east overriding the forecast area during peak heating. This served as an impetus for thunderstorms across northern Illinois, as well as leading to stronger deep layer shear. Some of these storms developed bowing segments producing strong winds, and numerous thunderstorms were very efficient rain producers due to high moisture content in the atmosphere. Two of the storms during the span of the event, one across Lake County, IL and the other Iroquois County, were well-defined supercells, each exhibiting deep rotation and for periods low-level rotation. While no tornadoes were confirmed with these storms, they did bring damaging winds that downed trees as well as caused structural damage in Iroquois County.</b></p>				
<b>COOK COUNTY --- 0.7 N DUNHURST [42.14, -87.93], 0.3 NE DUNHURST [42.13, -87.93], 0.5 SSE DUNHURST [42.12, -87.93], 0.5 SSE DUNHURST [42.12, -87.93], 0.4 N DUNHURST [42.14, -87.93], 0.7 NNW DUNHURST [42.14, -87.93]</b>				
	06/24/14 16:51 CST	0		Flash Flood (due to Heavy Rain)
	06/24/14 19:30 CST	0		Source: Broadcast Media
Wheeling Road was closed between Dundee Road and Hintz Road due to flooding up to around a foot deep.				
<b>COOK COUNTY --- 0.6 SSE BELLWOOD [41.87, -87.86], 0.2 NW MAYWOOD [41.87, -87.85], 0.2 WSW MAYWOOD [41.87, -87.85], 0.7 W MAYWOOD [41.87, -87.86]</b>				
	06/24/14 17:45 CST	0		Flash Flood (due to Heavy Rain)
	06/24/14 19:30 CST	0		Source: Broadcast Media
Interstate 290 was closed between 17th Avenue and 25th Avenue.				
<p><b>An isolated thunderstorm dropped south across Cook County producing heavy rains that resulted in isolated flooding. A CoCoRaHS observer measured 1.18 inches in 35 minutes in Elmwood Park. The ASOS in Wheeling measured 1.02 inches in 13 minutes.</b></p>				
<b>WINNEBAGO COUNTY --- 1.0 E (RFD)GTR ROCKFORD AR [42.20, -89.08]</b>				
	06/25/14 14:58 CST	0		Hail (0.88 in)
	06/25/14 15:00 CST	0		Source: Amateur Radio
A few widely scattered thunderstorms developed over north central Illinois producing small hail, with at least one report of nickel size hail.				
<b>WILL COUNTY --- 1.5 SSW EAGLE LAKE [41.35, -87.56]</b>				
	06/28/14 17:17 CST	0		Hail (1.00 in)
	06/28/14 17:19 CST	0		Source: Public
<b>COOK COUNTY --- 0.9 SE PALOS HILLS [41.69, -87.79]</b>				
	06/28/14 17:45 CST	0		Hail (0.75 in)
	06/28/14 17:47 CST	0		Source: Public
A few widely scattered thunderstorms developed over northeastern Illinois producing primarily small hail, with at least one report of quarter size hail.				
<b>MCHENRY COUNTY --- 1.5 S RIDGEFIELD [42.25, -88.38], 0.3 SSW SILVER LAKES [42.25, -88.25]</b>				
	06/30/14 01:15 CST	0		Thunderstorm Wind (EG 60 kt)
	06/30/14 01:18 CST	0		Source: Emergency Manager

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Six trees three to five feet in diameter were split with parts of the trees blown down along Route 176 between Route 14 and Briarwood Road. Scattered small trees and tree limbs were reportedly blown down across town.

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**MCHENRY COUNTY --- 1.4 W SILVER LAKES [42.25, -88.28]**

	06/30/14 02:00 CST		65K	Lightning
	06/30/14 02:00 CST		0	Source: Emergency Manager

Lightning struck a house and caused a fire in the attic on Ned Drive.

**A line of thunderstorms dropped across northern Illinois producing damaging winds and heavy rain.**

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**BOONE COUNTY --- 0.1 NE CALEDONIA [42.37, -88.90]**

	06/30/14 16:27 CST		5K	Thunderstorm Wind (MG 50 kt)
	06/30/14 16:27 CST		0	Source: Amateur Radio

Roof shingles were ripped off near Route 173 and Caledonia Road.

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**MCHENRY COUNTY --- 0.5 SW CHEMUNG [42.42, -88.68]**

	06/30/14 16:35 CST		0	Thunderstorm Wind (EG 50 kt)
	06/30/14 16:35 CST		0	Source: Public

A six inch diameter tree was blown down on White Oaks Road approximately six miles south of the state line.

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**WILL COUNTY --- 1.4 NNE WALKER [41.64, -88.19]**

	06/30/14 18:01 CST		0	Thunderstorm Wind (EG 50 kt)
	06/30/14 18:01 CST		0	Source: Public

A six inch diameter tree was blown down near Naperville-Plainfield Road and 135th Street.

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**COOK COUNTY --- 0.9 WNW HAWTHORNE [41.60, -87.77]**

	06/30/14 18:18 CST		0	Thunderstorm Wind (EG 50 kt)
	06/30/14 18:18 CST		0	Source: Trained Spotter

Large tree branches were blown down approximately half a mile west of Central Avenue and 159th street.

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**COOK COUNTY --- 1.0 W KIMBERLY HGTS [41.57, -87.80]**

	06/30/14 18:20 CST		5K	Thunderstorm Wind (EG 50 kt)
	06/30/14 18:20 CST		0	Source: Public

Shingles were blown off a roof.

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**WILL COUNTY --- 2.1 E SOUTH LOCKPORT [41.58, -88.01]**

	06/30/14 18:29 CST		0	Thunderstorm Wind (MG 61 kt)
	06/30/14 18:29 CST		0	Source: Mesonet

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**COOK COUNTY --- 0.9 SW INVERNESS [42.11, -88.09]**

	06/30/14 18:30 CST		50K	Lightning
	06/30/14 18:30 CST		0	Source: Newspaper

A home on the 1900 block of Durham Drive caught fire after lightning blew a small hole in the roof.

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**COOK COUNTY --- 1.7 WSW PALATINE [42.09, -88.08]**

	06/30/14 18:30 CST		25K	Lightning
	06/30/14 18:30 CST		0	Source: Newspaper

A home on the 1600 block of Balmoral Lane was struck by lightning but did not catch fire.

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**LA SALLE COUNTY --- 0.5 E OTTAWA [41.35, -88.84]**

	06/30/14 18:30 CST		0	Thunderstorm Wind (EG 55 kt)
	06/30/14 18:30 CST		0	Source: Public

Tree branches to around 12 inches in diameter were blown down.

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<b>COOK COUNTY --- 0.7 S HARVEY [41.61, -87.65]</b>				
	06/30/14 18:35 CST		0	Thunderstorm Wind (MG 56 kt)
	06/30/14 18:35 CST		0	Source: Trained Spotter
Tree limbs to around 3 inches in diameter were blown down.				
<b>WILL COUNTY --- FRANKFORT [41.50, -87.85], 1.5 NNE FRANKLIN SQUARE [41.52, -87.79]</b>				
	06/30/14 18:40 CST		5K	Thunderstorm Wind (EG 50 kt)
	06/30/14 18:42 CST		0	Source: Amateur Radio
A four inch diameter tree was snapped near St Francis Road & Harlem Avenue. A metal fence was also blown down in Frankfort.				
<b>COOK COUNTY --- 0.7 NW HAWTHORNE [41.61, -87.76]</b>				
	06/30/14 19:00 CST		50K	Lightning
	06/30/14 19:00 CST	1	0	Source: Newspaper
A home on the 15700 block of Peggy Lane was struck by lightning sparking a fire. The building was not occupied because it had been struck by lightning earlier in the year; however, a worker inside the building was shocked and had to be transported to the hospital.				
<b>KANKAKEE COUNTY --- 1.4 SE GRANT PARK [41.22, -87.63]</b>				
	06/30/14 19:23 CST		0	Hail (1.00 in)
	06/30/14 19:25 CST		0	Source: Amateur Radio
<b>OGLE COUNTY --- 0.9 SW OREGON [42.01, -89.34]</b>				
	06/30/14 19:40 CST		0	Thunderstorm Wind (EG 60 kt)
	06/30/14 19:40 CST		0	Source: Law Enforcement
Numerous large trees were blown down in Oregon.				
<b>LEE COUNTY --- AMBOY [41.72, -89.33]</b>				
	06/30/14 19:52 CST		0	Thunderstorm Wind (EG 60 kt)
	06/30/14 19:55 CST		0	Source: Trained Spotter
Numerous large trees were blown down and uprooted across Amboy. Some of the trees were several feet in diameter.				
<b>LEE COUNTY --- AMBOY [41.72, -89.33]</b>				
	06/30/14 20:07 CST		0	Hail (0.88 in)
	06/30/14 20:09 CST		0	Source: Trained Spotter
<b>LA SALLE COUNTY --- 0.3 W MENDOTA [41.55, -89.13], 2.0 SW MERIDEN [41.55, -89.06]</b>				
	06/30/14 20:10 CST		50K	Thunderstorm Wind (EG 60 kt)
	06/30/14 20:12 CST		0	Source: Amateur Radio
Two semi-trucks were flipped over on I-39 and numerous tree branches were blown down in Mendota.				
<b>LEE COUNTY --- AMBOY [41.72, -89.33], 0.8 SW AMBOY [41.71, -89.34], 1.3 SSW AMBOY [41.70, -89.34], 1.0 SE AMBOY [41.71, -89.32], 0.6 E AMBOY [41.72, -89.32]</b>				
	06/30/14 20:10 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: Law Enforcement
A creek was out of its banks. A trained spotter measured 2.2 inches of rain between 16:30 CST and 20:15 CST.				
<b>LA SALLE COUNTY --- 2.9 ENE UTICA AIRPARK ARPT [41.35, -88.95], 3.2 NE UTICA AIRPARK ARPT [41.36, -88.95]</b>				
	06/30/14 20:12 CST		0	Thunderstorm Wind (EG 60 kt)
	06/30/14 20:12 CST		0	Source: Public
Multiple trees ranging from 1 to 3 feet in diameter were uprooted along E 11th Road.				
<b>LA SALLE COUNTY --- 1.3 WNW EARLVILLE [41.59, -88.95], 0.5 NE EARLVILLE [41.58, -88.92]</b>				

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	06/30/14 20:16 CST		0.25M	Tornado (EF1, L: 1.51 mi , W: 50 yd)
	06/30/14 20:17 CST		0	Source: NWS Storm Survey
An aerial survey from local media showed clear convergent swirling and scarring near Earlville. A short lived tornado touched down embedded within a larger area of straight line wind damage. Numerous trees were blown down with damage to roofs and a garage blown out on the south and southwest portions of town. Maximum winds were estimated to 110 mph.				
<b>DU PAGE COUNTY --- 3.5 NW BOLINGBROOK [41.70, -88.18]</b>				
	06/30/14 20:30 CST		75K	Lightning
	06/30/14 20:30 CST		0	Source: Newspaper
<b>LA SALLE COUNTY --- 0.9 SW CATHARINE [41.51, -88.69]</b>				
	06/30/14 20:31 CST		0	Thunderstorm Wind (EG 50 kt)
	06/30/14 20:31 CST		0	Source: Law Enforcement
A large tree was blown down.				
<b>KANE COUNTY --- 1.9 NW SUGAR GROVE [41.77, -88.47]</b>				
	06/30/14 20:38 CST		0	Thunderstorm Wind (MG 53 kt)
	06/30/14 20:38 CST		0	Source: ASOS
<b>KENDALL COUNTY --- 2.8 SSE NEWARK ARPT [41.48, -88.58], 3.5 SSE NEWARK ARPT [41.48, -88.56]</b>				
	06/30/14 20:38 CST		50K	Tornado (EF1, L: 1.15 mi , W: 50 yd)
	06/30/14 20:39 CST		0	Source: NWS Storm Survey
Concentrated damage was found at two farmsteads including the destruction of an outbuilding and large trees snapped at their bases. Maximum winds were estimated to 100 mph.				
<b>GRUNDY COUNTY --- 2.7 WNW MORRIS MUNI ARPT [41.44, -88.47], 0.5 WNW MORRIS MUNI ARPT [41.43, -88.43]</b>				
	06/30/14 20:44 CST		0	Tornado (EF0, L: 2.16 mi , W: 50 yd)
	06/30/14 20:46 CST		0	Source: NWS Storm Survey
A storm survey team determined via an aerial survey that a tornado touched down over mainly fields north of Morris . Maximum winds were estimated to 85 mph.				
<b>GRUNDY COUNTY --- 0.7 W MORRIS [41.37, -88.43]</b>				
	06/30/14 20:51 CST		0	Thunderstorm Wind (MG 56 kt)
	06/30/14 20:51 CST		0	Source: Emergency Manager
<b>KENDALL COUNTY --- 3.5 E BOULDER HILL [41.72, -88.28]</b>				
	06/30/14 20:53 CST		0	Thunderstorm Wind (MG 65 kt)
	06/30/14 20:53 CST		0	Source: Trained Spotter
<b>GRUNDY COUNTY --- 2.8 S DIVINE [41.34, -88.31]</b>				
	06/30/14 20:55 CST		0	Thunderstorm Wind (MG 53 kt)
	06/30/14 20:55 CST		0	Source: NWS Employee
<b>WILL COUNTY --- 0.9 ENE WALKER [41.63, -88.18], 2.9 W ROMEOVILLE [41.62, -88.13]</b>				
	06/30/14 20:55 CST		0.50M	Tornado (EF1, L: 3.06 mi , W: 75 yd)
	06/30/14 20:58 CST		0	Source: NWS Storm Survey
A tornado caused damage to trees and residences between Plainfield and Romeoville . Over 50 trees, including many large softwood trees, were uprooted within a concentrated path. A dozen modest to large trees were blown to the northwest against the eastward path of the storm . Numerous roads were blocked due to fallen trees. There was minor damage to numerous residences in the Woodlands of the Reserve and Lakewood Falls subdivisions . This damage was mainly siding and shingles peeled off along with windows blown out. The tornado crossed I-55 near mile marker 261. The tornado was embedded within a larger area of straight line wind damage. Maximum winds were estimated to 95 mph.				
<b>WILL COUNTY --- 1.5 WNW ROMEOVILLE [41.64, -88.10], 2.1 N ROMEOVILLE [41.66, -88.08]</b>				
	06/30/14 20:58 CST		0.25M	Thunderstorm Wind (EG 78 kt)
	06/30/14 21:00 CST		0	Source: NWS Storm Survey

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>An NWS Storm Survey confirmed scattered straight-line wind damage across Romeoville consistent with 70 to 90 mph winds. Large tree limbs were blown down and an evergreen tree was snapped at its base along Marquette Drive and Enterprise Drive. A large metal street light was broken at its base and leaning on power lines near Romeo Road and Route 53. Multiple trees were blown down west of Route 53 partially blocking Belmont Drive. Power lines were down at Romeo Road and Macon Avenue. A tree was blown down blocking Homer Avenue. Portions of Route 53 were closed due to power lines down across the road north of Normantown Road. Minor roof damage occurred across the area.</p>				
<hr/>				
<b>WILL COUNTY --- 0.5 SW RAYNOR PARK [41.54, -88.13], 0.4 SW IDYLSIDE [41.52, -88.12]</b>	06/30/14 21:00 CST		0	Thunderstorm Wind (EG 55 kt)
	06/30/14 21:00 CST		0	Source: Trained Spotter
<p>A 12 inch diameter tree was split at its base near Ingalls Avenue and Larkin Avenue. Numerous tree limbs up to six inches in diameter were blown down along Larkin Avenue between McDonough Street and Black Road.</p>				
<hr/>				
<b>WILL COUNTY --- 1.5 SSW BARBERS CORNERS [41.70, -88.08]</b>	06/30/14 21:03 CST		0	Thunderstorm Wind (MG 71 kt)
	06/30/14 21:03 CST		0	Source: Trained Spotter
<hr/>				
<b>WILL COUNTY --- 2.1 N SHOREWOOD [41.55, -88.20]</b>	06/30/14 21:04 CST		0	Thunderstorm Wind (MG 50 kt)
	06/30/14 21:04 CST		0	Source: Mesonet
<hr/>				
<b>GRUNDY COUNTY --- 1.0 W CARBON HILL [41.30, -88.32], 0.4 NNE DIAMOND [41.29, -88.25]</b>	06/30/14 21:05 CST		0	Thunderstorm Wind (MG 58 kt)
	06/30/14 21:05 CST		0	Source: Mesonet
<p>Numerous tree limbs up to around 16 inches in diameter were blown down south of Route 113 on Will Road.</p>				
<hr/>				
<b>WILL COUNTY --- 0.5 W NEW LENOX [41.52, -87.98]</b>	06/30/14 21:05 CST		0	Thunderstorm Wind (EG 55 kt)
	06/30/14 21:05 CST		0	Source: Public
<p>A two foot diameter tree was blown down.</p>				
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<b>WILL COUNTY --- 2.1 E SOUTH LOCKPORT [41.58, -88.01]</b>	06/30/14 21:14 CST		0	Thunderstorm Wind (MG 56 kt)
	06/30/14 21:14 CST		0	Source: Mesonet
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<b>COOK COUNTY --- 1.1 ENE CHICAGO RIDGE [41.71, -87.76]</b>	06/30/14 21:15 CST		0	Thunderstorm Wind (EG 50 kt)
	06/30/14 21:15 CST		0	Source: Trained Spotter
<p>Two trees and numerous tree limbs were blown down near Central Avenue and 103rd Street.</p>				
<hr/>				
<b>KANKAKEE COUNTY --- 0.7 N BOURBONNAIS [41.16, -87.88]</b>	06/30/14 21:19 CST		0.10M	Thunderstorm Wind (EG 60 kt)
	06/30/14 21:19 CST		0	Source: Public
<p>Some siding was peeled off of homes.</p>				
<hr/>				
<b>COOK COUNTY --- (MDW)MIDWAY ARPT CHI [41.78, -87.75]</b>	06/30/14 21:21 CST		0	Thunderstorm Wind (MG 50 kt)
	06/30/14 21:21 CST		0	Source: ASOS
<hr/>				
<b>COOK COUNTY --- MATTESON [41.50, -87.70]</b>	06/30/14 21:23 CST		0	Thunderstorm Wind (EG 60 kt)
	06/30/14 21:23 CST		0	Source: Public
<p>Numerous large trees were blown down.</p>				
<hr/>				
<b>KANKAKEE COUNTY --- 1.0 E LEHIGH [41.12, -88.00], 1.6 WNW BOURBONNAIS [41.16, -87.91]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/30/14 21:23 CST		0	Thunderstorm Wind (EG 61 kt)
	06/30/14 21:23 CST		0	Source: Trained Spotter

Several large trees were blown down near Sportsman's Club. Winds were estimated to 70 mph by a trained spotter.

### COOK COUNTY --- 0.7 N BURBANK [41.74, -87.77]

06/30/14 21:24 CST	0	Thunderstorm Wind (MG 52 kt)
06/30/14 21:24 CST	0	Source: COOP Observer

### COOK COUNTY --- MIDLOTHIAN [41.62, -87.72]

06/30/14 21:24 CST	0	Thunderstorm Wind (EG 60 kt)
06/30/14 21:24 CST	0	Source: Public

Numerous trees were blown down.

### KANKAKEE COUNTY --- 0.7 W WHITAKER [41.25, -87.74], 1.7 E BROCK [41.30, -87.59]

06/30/14 21:25 CST	50K	Tornado (EF1, L: 8.69 mi , W: 150 yd)
06/30/14 21:33 CST	0	Source: NWS Storm Survey

The tornado formed along N 7000E Road just south of E 9000N Road. The tornado snapped hardwood trees along E 9000N Road and a power pole along N 8000E Road. The tornado struck two homesteads along N 11000E Road causing tree damage. Minor tree damage was also noted along E 10500N Road. The tornado intensified as it reached N 14000E Road where significant tree damage was noted across a 100 yard width. There was also damage to the roof of a barn. The tornado turned northeast and produced its last known damage to trees at a farmstead along N 15000E Road. Maximum winds were estimated to around 110 mph.

### KANKAKEE COUNTY --- 2.5 E MANTENO [41.26, -87.78], 2.4 NNE WHITAKER [41.28, -87.71]

06/30/14 21:25 CST	0.50M	Tornado (EF1, L: 4.07 mi , W: 200 yd)
06/30/14 21:28 CST	0	Source: NWS Storm Survey

This is the first of two separate tornadoes that occurred within approximately two miles. Similar damage indicators were found with both tornadoes including multiple large, healthy hardwood and softwood trees that were snapped or uprooted in convergent paths. Three separate farmsteads sustained heavy damage to barns and outbuildings. Wooden power poles were snapped and defined narrow paths were noted in corn fields. There were two barns with complete loss of roof structure and only some walls remaining. The metal roofing material at one location was deposited 300 yards downstream in a narrow path while one piece of debris was deposited 50 yards to the left of the main debris field. A 2x6 wood board snapped from the roof and was tossed into the field and speared at least a foot into the ground. Another older barn was completely destroyed at a farm near E 11000N Road. A well built shed at the same location which was anchored by cement pilings were tossed about 40 feet. The residence at this farmstead suffered a small crack in the foundation. Maximum winds were estimated to around 110 mph.

### KANKAKEE COUNTY --- 1.1 NNE WHITAKER [41.26, -87.72], 2.5 SW SOLLITT [41.27, -87.66]

06/30/14 21:26 CST	0.10M	Tornado (EF1, L: 3.05 mi , W: 300 yd)
06/30/14 21:30 CST	0	Source: NWS Storm Survey

This is the second of two separate tornadoes that occurred within approximately two miles. Similar damage indicators were found with both tornadoes including multiple large, healthy hardwood and softwood trees that were snapped or uprooted in convergent paths. Three separate farmsteads sustained heavy damage to barns and outbuildings. Wooden power poles were snapped and defined narrow paths were noted in corn fields. A 4000 pound trailer was partially lifted and moved 40 to 50 feet at a farm along N 10000E Road. Maximum winds were estimated to around 100 mph.

### COOK COUNTY --- 0.5 W PARK FOREST [41.48, -87.69], 0.6 NNE PARK FOREST [41.49, -87.67]

06/30/14 21:27 CST	0	Thunderstorm Wind (MG 65 kt)
06/30/14 21:27 CST	0	Source: Trained Spotter

A large tree branch and numerous smaller branches were blown down.

### KANKAKEE COUNTY --- 1.9 E YEAGER [41.20, -87.66], 1.2 N DELMAR [41.20, -87.62]

06/30/14 21:29 CST	0	Tornado (EF1, L: 2.15 mi , W: 225 yd)
06/30/14 21:31 CST	0	Source: NWS Storm Survey

This is the first of two tornadoes that formed within about a mile of each other. The tornado formed along Route 17 about two miles north of Momence. Tree damage was noted at a property near the intersection of Route 17 and E 5500N Road. Additional damage was noted to trees along Vincennes Trail. The most intense damage was observed to trees along N 13000E Road where numerous large hardwood trees were snapped and uprooted. Damage was notably convergent in this area with trees falling to the north, south, and east all observed. Maximum winds were estimated to around 110 mph.

### COOK COUNTY --- HOMEWOOD [41.55, -87.65], GLENWOOD [41.55, -87.62]

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/30/14 21:30 CST		0	Thunderstorm Wind (MG 65 kt)
	06/30/14 21:32 CST		0	Source: Amateur Radio

A large healthy tree limb was blown down.

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### KANKAKEE COUNTY --- 0.4 S MOMENCE [41.16, -87.67], 1.0 SE MOMENCE [41.16, -87.66]

	06/30/14 21:30 CST		5K	Thunderstorm Wind (EG 60 kt)
	06/30/14 21:30 CST		0	Source: Storm Chaser

Trees 12 to 18 inches in diameter were blown down onto power lines. Numerous tree branches were blown down.

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### KANKAKEE COUNTY --- 1.1 WNW DELMAR [41.19, -87.64], 0.0 SW EDGETOWN [41.18, -87.58]

	06/30/14 21:31 CST		5K	Tornado (EF1, L: 3.09 mi , W: 150 yd)
	06/30/14 21:34 CST		0	Source: NWS Storm Survey

This is the second of two tornadoes that formed within about a mile of each other. Damage to trees along a shelterbelt was observed on Vincennes Trail. Further east-southeast, minor damage to trees occurred and the roof of a barn was damaged. The tornado ended near E 4000N Road just east of E 14000N Road where additional damage to trees was noted. Maximum winds were estimated to around 100 mph.

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### WILL COUNTY --- 1.8 NE MONEE [41.44, -87.71]

	06/30/14 21:31 CST		0	Thunderstorm Wind (MG 65 kt)
	06/30/14 21:31 CST		0	Source: Trained Spotter

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### COOK COUNTY --- 1.0 E PHOENIX [41.60, -87.60]

	06/30/14 21:32 CST		0	Thunderstorm Wind (MG 63 kt)
	06/30/14 21:32 CST		0	Source: Trained Spotter

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### KANKAKEE COUNTY --- 1.7 ESE PUDER [41.27, -87.57], 3.5 NNE SHERBURNVILLE [41.28, -87.53]

	06/30/14 21:32 CST		0.25M	Tornado (EF1, L: 2.35 mi , W: 200 yd)
	06/30/14 21:35 CST		0	Source: NWS Storm Survey

This is the first of two tornadoes that occurred in close proximity northeast of Grant Park. The tornado touched down near a church on County Road 13, snapping hardwood and softwood trees. A large limb smashed through the stained glass windows of the church. The large tree branch impaled itself into the church. A door inside the church was ripped off. There was minor structural integrity damage noted inside the church. The tornado caused significant damage to a single family residence that was under construction but sealed along E 10500N Road. A section of the roof was removed which caused a crack in the frame of the house and a large wall section to collapse outward. Consistent snapping or uprooting of trees was noted in a convergent manner as the tornado continued across the state line into Lake County, Indiana. Maximum winds were estimated to around 110 mph.

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### COOK COUNTY --- LANSING [41.57, -87.55]

	06/30/14 21:33 CST		0	Thunderstorm Wind (EG 60 kt)
	06/30/14 21:33 CST		0	Source: Trained Spotter

Large tree limbs were blown down.

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### KANKAKEE COUNTY --- 2.3 N SHERBURNVILLE [41.26, -87.55], 3.4 NNE SHERBURNVILLE [41.28, -87.53]

	06/30/14 21:33 CST		0.15M	Tornado (EF1, L: 1.66 mi , W: 100 yd)
	06/30/14 21:35 CST		0	Source: NWS Storm Survey

This is the second of two tornadoes that touched down in close proximity to the northeast of Grant Park. The tornado damaged a farmstead where several large hardwood trees were snapped, the windows to the residence were blown in, and a three story barn was completely destroyed. A large branch was impaled into the front of the residence. Maximum winds were estimated to around 110 mph.

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### COOK COUNTY --- 1.2 NW SOUTH HOLLAND [41.61, -87.55]

	06/30/14 21:34 CST		0	Thunderstorm Wind (EG 65 kt)
	06/30/14 21:34 CST		0	Source: Public

Multiple large trees were blown down.

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### COOK COUNTY --- 2.6 NNW (CGX)MEIGS FLD CHICA [41.90, -87.62], 2.6 ESE CLYBOURN [41.90, -87.63], 2.3 ESE CLYBOURN [41.91, -87.63], 2.4 ESE CLYBOURN [41.91, -87.63]

	06/30/14 22:30 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: Newspaper

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The access road to North Lake Shore Drive from North Michigan was closed due to flooding. There was also flooding at North Avenue under Lake Shore Drive.				

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<b>COOK COUNTY --- 0.9 SW STICKNEY [41.81, -87.76], 1.4 N MC COOK [41.80, -87.82], 1.3 NNW JUSTICE [41.77, -87.86], 1.4 S LA GRANGE HIGHLANDS [41.76, -87.92], 1.8 S LA GRANGE HIGHLANDS [41.75, -87.92], 0.7 SW HODGKINS [41.76, -87.84], 0.7 ENE MC COOK [41.79, -87.81]</b>	06/30/14 23:05 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: C-MAN Station

Two to three feet of standing water was present on southbound I-55 between Central Avenue and County Line Road with only the right lane passable. A COOP observer three miles southwest of Midway Airport measured 2.78 inches of rain.

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<b>DU PAGE COUNTY --- 1.9 ENE BURR RIDGE [41.76, -87.92], 1.8 E BURR RIDGE [41.75, -87.92], 0.9 SSE BURR RIDGE [41.74, -87.94], 0.5 SE BURR RIDGE [41.74, -87.94]</b>	06/30/14 23:10 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: NWS Employee

Southbound I-55 was impassable between County Line Road and Kingery Highway with water at least a foot deep causing motorists to use the shoulder. A trained spotter in Woodridge measured 3.30 inches of rain.

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<b>COOK COUNTY --- 1.0 S CONGRESS PARK [41.81, -87.87], 1.0 S CONGRESS PARK [41.81, -87.87], 1.3 S CONGRESS PARK [41.80, -87.87], 1.3 S CONGRESS PARK [41.80, -87.87]</b>	06/30/14 23:20 CST		0	Flash Flood (due to Heavy Rain)
	06/30/14 23:59 CST		0	Source: NWS Employee

La Grange Road was closed between 47th Street and 49th Street due to water over the roads.

Extensive damage was sustained from two separate lines of thunderstorms on Monday, June 30th which was officially determined to be from two separate derecho events. During these two events, 80 to 110 MPH straight line winds along with several tornadoes of up to EF-1 intensity produced wind damage from Central Iowa east into Michigan and Ohio. Thunderstorms developed over Iowa during the early afternoon and organized into a forward-propagating quasi-linear convective system (QLCS) and tracked across lake Michigan by early to mid evening. Meanwhile, a second complex of intense thunderstorms developed over central and eastern Iowa and also evolved into a QLCS, tracking across northern Illinois and northwest Indiana late in the evening into the overnight hours.

### INDIANA, Northwest

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<b>LAKE COUNTY --- 1.3 NE CALUMET CITY [41.64, -87.51], 1.3 NNE CALUMET CITY [41.64, -87.51], 1.4 NNE CALUMET CITY [41.64, -87.51], 1.6 NNE CALUMET CITY [41.64, -87.51], 1.6 NNE CALUMET CITY [41.64, -87.51], 1.4 NNE CALUMET CITY [41.64, -87.51]</b>	06/21/14 18:50 CST		0	Flood (due to Heavy Rain)
	06/21/14 23:30 CST		0	Source: Law Enforcement

The Indiana Tollway near mile marker 5 had 8 to 10 inches of standing water which stopped westbound traffic.

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<b>LAKE COUNTY --- 0.5 E CROWN PT [41.42, -87.36], 1.1 E CROWN PT [41.42, -87.35], 1.2 ESE CROWN PT [41.41, -87.35], 0.8 SE CROWN PT [41.41, -87.36]</b>	06/21/14 19:00 CST		0	Flood (due to Heavy Rain)
	06/21/14 23:30 CST		0	Source: Public

A few roadways were flooded in Crown Point with water rising past car bumpers.

An area of thunderstorms moved across northwest Indiana producing torrential rain which resulted in flooding.

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<b>NEWTON COUNTY --- 1.4 W FORESMAN [40.87, -87.31], 0.7 WSW FORESMAN [40.87, -87.29], 0.7 WSW FORESMAN [40.87, -87.29], 2.0 WSW FORESMAN [40.86, -87.32], 2.1 ESE BROOK [40.86, -87.33], 2.0 E BROOK [40.87, -87.33]</b>	06/23/14 16:55 CST		0	Flash Flood (due to Heavy Rain)
	06/23/14 22:00 CST		0	Source: Fire Department/Rescue

The intersection of State Routes 16 and 55 were impassable and closed due to flooding. Route 16 was also impassable and closed in Foresman. Hazelden Country Club reported the front nine of the golf course was flooded. A storm total of 5.40 inches of rain was measured by Brook Fire Department.

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<b>BENTON COUNTY --- 1.0 W FREELAND PARK [40.62, -87.50], 1.1 WNW FREELAND PARK [40.63, -87.50], 0.6 NNW FREELAND PARK [40.63, -87.48], 0.3 SW FREELAND PARK [40.62, -87.48]</b>				
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## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/23/14 17:30 EST		0	Flash Flood (due to Heavy Rain)
	06/23/14 23:00 EST		0	Source: Emergency Manager

The intersection of State Roads 71 and 18 had around 6 inches of flowing water. A public report of a measured 5.00 inches of rain was relayed by the emergency manager.

**A line of strong thunderstorms slowly moved across northwest Indiana producing torrential rain and flooding. Rainfall totals between four and five inches produced flash flooding in some areas.**

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**LAKE COUNTY --- 0.8 SE MUNSTER [41.56, -87.51], 1.2 SE MUNSTER [41.56, -87.50]**

06/30/14 18:38 CST	0	Thunderstorm Wind (EG 60 kt)
06/30/14 18:38 CST	0	Source: Amateur Radio

A light pole was blown down across Ridge Road near Columbia Avenue. Trees to eight inches in diameter were blown down near Calumet Avenue and Ridge Road. A 24-inch diameter tree was split in half.

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**LAKE COUNTY --- 1.6 S CALUMET CITY [41.60, -87.52]**

06/30/14 18:45 CST	25K	Thunderstorm Wind (EG 55 kt)
06/30/14 18:45 CST	0	Source: Trained Spotter

A tree was blown onto a house on the 6400 block of Van Buren Avenue.

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**PORTER COUNTY --- 0.6 NE CHESTERTON [41.61, -87.04]**

06/30/14 19:11 CST	0	Thunderstorm Wind (MG 56 kt)
06/30/14 19:11 CST	0	Source: Trained Spotter

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**LAKE COUNTY --- 0.5 NNE ILLINOI [41.19, -87.53], 2.3 E SCHNEIDER [41.18, -87.41]**

06/30/14 21:35 CST	15K	Tornado (EF1, L: 6.24 mi , W: 300 yd)
06/30/14 21:41 CST	0	Source: NWS Storm Survey

Damage from this tornado was first noted along State Line Road where several trees were uprooted and large limbs were snapped. Additional tree damage was noted along 241st Avenue and into the town of Schneider. Three wooden power poles were found leaning along Cline Avenue just east of Schneider. Significant damage to a barn was noted just east of Colfax Street. Maximum winds were estimated to around 105 mph.

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**LAKE COUNTY --- 8.5 NNW SUMAVA RESORTS [41.28, -87.53], 8.4 NNW SUMAVA RESORTS [41.28, -87.51]**

06/30/14 21:35 CST	0	Tornado (EF1, L: 1.05 mi , W: 200 yd)
06/30/14 21:37 CST	0	Source: NWS Storm Survey

This is a continuation of a tornado that touched down northeast of Grant Park in Kankakee County, Illinois. Consistent snapping or uprooting of trees was noted in a convergent manner along the tornado track. The tornado lifted southwest of Lowell. Maximum winds were estimated to around 110 mph.

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**LAKE COUNTY --- 1.1 NNE MUNSTER [41.58, -87.51], 0.7 WNW HAMMOND [41.58, -87.49]**

06/30/14 21:36 CST	0	Thunderstorm Wind (EG 65 kt)
06/30/14 21:36 CST	0	Source: Public

Numerous large trees were blown down.

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**LAKE COUNTY --- 1.6 SSW NORTH HAYDEN [41.26, -87.49], 0.9 W RANGE LINE [41.27, -87.30]**

06/30/14 21:38 CST	0.10M	Tornado (EF1, L: 9.92 mi , W: 500 yd)
06/30/14 21:48 CST	0	Source: NWS Storm Survey

The tornado began along 197th Avenue west of Highway 41 where tree damage was noted at a farmstead. Along Highway 41 at 197th Avenue, a large barn sustained major roof damage. Near Colfax Street south of Lowell, a farmstead sustained considerable damage to hardwood trees. The tornado then tracked east-northeast to near I-65. The most significant damage noted included two snapped wooden power poles and substantially damaged grain bins on a farm east of Harrison Street. At a farmstead near Harrison Street and W 191st Avenue, a wooden barn was completely destroyed and several large hardwoods and softwoods were snapped. Maximum winds were estimated to around 110 mph.

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**LAKE COUNTY --- LOWELL [41.28, -87.42], 1.4 S ORCHARD GROVE [41.26, -87.35]**

06/30/14 21:38 CST	5K	Thunderstorm Wind (EG 96 kt)
06/30/14 21:46 CST	25K	Source: NWS Storm Survey

Evidence of significant straight line winds up to 110 mph included seven snapped power poles and an approximately mile wide swath of corn crop that was completely flattened and trees snapped. In Lowell, a trained spotter measured 63 mph wind gusts while a mesonet site measured 86 mph wind gusts.

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE COUNTY --- 0.2 SE NORTH HAYDEN [41.28, -87.47], 0.5 WSW LOWELL [41.28, -87.43]</b>				
	06/30/14 21:39 CST		5K	Tornado (EF1, L: 2.01 mi , W: 150 yd)
	06/30/14 21:41 CST		0	Source: NWS Storm Survey
<p>The tornado began along US 41 where a large work shed lost a significant portion of its roof. The tornado produced minor tree damage to a farmstead along Austin Street. The most considerable damage from this tornado occurred to a farmstead north of Lowell Middle School along Cline Avenue where significant tree damage occurred. Maximum winds were estimated to 105 mph.</p>				
<b>LAKE COUNTY --- 0.6 WNW BELSHAW [41.25, -87.46], 2.0 SSE LOWELL [41.25, -87.41]</b>				
	06/30/14 21:39 CST		0	Tornado (EF1, L: 2.57 mi , W: 250 yd)
	06/30/14 21:41 CST		0	Source: NWS Storm Survey
<p>Damage from this tornado was first noted just east of US 41 along Belshaw Road. Numerous trees were snapped and uprooted in this area. Trees were also uprooted along Drummond Street in the Belshaw community. Several hardwood trees were snapped along Austin Street as well as along Clive Avenue where the path was very clearly convergent with trees falling to the northeast and to the southeast. The last damage was noted along Colfax Street where large limbs were snapped. Maximum winds were estimated to 110 mph.</p>				
<b>LAKE COUNTY --- 0.6 NNW SCHNEIDER [41.19, -87.45], SHELBY [41.20, -87.35]</b>				
	06/30/14 21:41 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	06/30/14 21:47 CST		0	Source: Law Enforcement
<p>A semi truck was blown off Highway 41 near Schneider. Trees and limbs were blown down in Schneider, including some that fell onto cars. A roof was blown off of a house in Shelby.</p>				
<b>LAKE COUNTY --- 2.4 ENE SCHNEIDER [41.19, -87.41], 1.2 SE SHELBY [41.19, -87.33]</b>				
	06/30/14 21:42 CST		0.10M	Tornado (EF1, L: 3.85 mi , W: 300 yd)
	06/30/14 21:46 CST		0	Source: NWS Storm Survey
<p>The tornado formed along Colfax Street. Damage along Colfax Street and Whitcomb Street mainly consisted of snapped tree limbs. The tornado intensified as it crossed 265th Avenue west of Shelby. A five foot diameter tree was twisted and snapped to the south. As the tornado continued into Shelby, trees were snapped and uprooted. One tree snapped and fell onto a house at the corner of Harrison Street and 237 th Avenue causing major structural damage to the house. The last damage noted was along Broadway Street just east of Shelby where the survey had to be terminated due to the Kankakee River. The maximum estimated winds were 110 mph.</p>				
<b>LAKE COUNTY --- 0.2 SW CROWN PT [41.42, -87.37], 0.8 ESE CROWN PT [41.42, -87.36]</b>				
	06/30/14 21:43 CST		0	Thunderstorm Wind (EG 65 kt)
	06/30/14 21:43 CST		0	Source: Law Enforcement
<p>Multiple large trees were uprooted along with large branches and power lines that were blown down.</p>				
<b>LAKE COUNTY --- 1.1 S COLE ARPT [41.53, -87.27], 1.0 W HOBART [41.53, -87.25]</b>				
	06/30/14 21:47 CST		0	Thunderstorm Wind (EG 65 kt)
	06/30/14 21:47 CST		0	Source: Public
<p>Multiple large trees were blown down.</p>				
<b>JASPER COUNTY --- 0.8 SSW FORREST CITY [41.19, -87.28], 0.3 W KERSEY [41.20, -87.16]</b>				
	06/30/14 21:49 CST		0.50M	Tornado (EF1, L: 6.26 mi , W: 200 yd)
	06/30/14 21:55 CST		0	Source: NWS Storm Survey
<p>A 100-200 yard swath of consistent tree damage with numerous snapped trees began along N 1200W. An empty grain bin was destroyed and numerous trees were snapped. The damage continued east-northeast through the center of De Motte north of 9th Street. Just east of De Motte along Orchid Street, a barn was completely destroyed and a double wide manufactured home experienced some structural damage. The maximum estimated winds were 105 mph.</p>				
<b>PORTER COUNTY --- 0.5 SE PORTAGE [41.58, -87.19], 0.4 SE CRISMAN [41.58, -87.16]</b>				
	06/30/14 21:51 CST		0	Thunderstorm Wind (EG 65 kt)
	06/30/14 21:52 CST		0	Source: Public
<p>Multiple large trees were blown down.</p>				
<b>LAKE COUNTY --- 0.7 NNE RANGE LINE [41.28, -87.27], 1.7 NE RANGE LINE [41.29, -87.26]</b>				

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	06/30/14 21:52 CST		30K	Thunderstorm Wind (EG 87 kt)
	06/30/14 21:52 CST		0	Source: NWS Storm Survey

Hardwood and softwood trees were snapped and uprooted. Shingles were ripped from a roof and there was damage to siding and downspouts. There was a measured wind gusts of 75 mph from a home weather station before electricity went out.

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### JASPER COUNTY --- 2.0 NE KERSEY [41.22, -87.13], 2.7 NE KERSEY [41.22, -87.11]

	06/30/14 21:55 CST		10K	Tornado (EF1, L: 0.94 mi , W: 100 yd)
	06/30/14 21:56 CST		0	Source: NWS Storm Survey

The tornado tracked along W 1450N where there were snapped trees, wooden power poles leaning, and damage to two farmsteads. On one, the doors collapsed in a pole barn. In another pole barn, the walls collapsed after the roof was blown off. The maximum estimated winds were 110 mph.

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### PORTER COUNTY --- 0.7 N VALPARAISO [41.48, -87.05]

	06/30/14 21:58 CST		0	Thunderstorm Wind (EG 65 kt)
	06/30/14 21:58 CST		0	Source: Law Enforcement

Numerous trees were blown down.

Extensive damage was sustained from two separate lines of thunderstorms on Monday, June 30th which was officially determined to be from two separate derecho events. During these two events, 80 to 110 MPH straight line winds along with several tornadoes of up to EF-1 intensity produced wind damage from Central Iowa east into Michigan and Ohio. Thunderstorms developed over Iowa during the early afternoon and organized into a forward-propagating quasi-linear convective system (QLCS) and tracked across Lake Michigan by early to mid evening. Meanwhile, a second complex of intense thunderstorms developed over central and eastern Iowa and also evolved into a QLCS, tracking across northern Illinois and northwest Indiana late in the evening into the overnight hours.

## LAKE MICHIGAN

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### WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.9 NW BURNHAM HARBOR [41.89, -87.61], HARRISON-DEVER CRIB [41.92, -87.57]

	06/02/14 11:05 CST		0	Marine Thunderstorm Wind (MG 42 kt)
	06/02/14 11:10 CST		0	Source: C-MAN Station

Two docks at DuSable Harbor were dislodged by the strong winds causing minor cosmetic damage to a few boats. Winds caused the chains that hold the boats in place to snap.

**A line of thunderstorms moved over Lake Michigan producing winds to 42 knots at Chicago Harrison-Dever Crib.**

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

	06/18/14 11:15 CST		0	Marine Thunderstorm Wind (MG 44 kt)
	06/18/14 11:35 CST		0	Source: C-MAN Station

**A line of thunderstorms moved across Lake Michigan during the late morning and early afternoon of June 18th producing winds to 44 knots at Michigan City.**

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

	06/23/14 14:15 CST		0	Marine Thunderstorm Wind (MG 37 kt)
	06/23/14 14:15 CST		0	Source: C-MAN Station

**A line of thunderstorms pushed across the far southern end of Lake Michigan producing strong winds.**

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

	06/30/14 04:50 CST		0	Marine Thunderstorm Wind (MG 46 kt)
	06/30/14 05:25 CST		0	Source: C-MAN Station

Winds gusted in excess of 34 knots for around 35 minutes peaking at 46 knots.

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### BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.5 WNW MICHIGAN CITY [41.76, -86.97]

	06/30/14 05:00 CST		0	Marine Thunderstorm Wind (MG 45 kt)
	06/30/14 05:00 CST		0	Source: Buoy

**A line of thunderstorms dropped across southern Lake Michigan producing strong winds.**

## Storm Data and Unusual Weather Phenomena - June 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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<b>WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]</b>	06/30/14 18:30 CST	0		Marine Thunderstorm Wind (MG 37 kt)
	06/30/14 18:30 CST	0		Source: C-MAN Station
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<b>BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.5 WNW MICHIGAN CITY [41.76, -86.97]</b>	06/30/14 19:10 CST	0		Marine Thunderstorm Wind (MG 41 kt)
	06/30/14 19:10 CST	0		Source: Buoy
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<b>BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]</b>	06/30/14 19:10 CST	0		Marine Thunderstorm Wind (MG 43 kt)
	06/30/14 19:15 CST	0		Source: C-MAN Station
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<b>WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]</b>	06/30/14 21:35 CST	0		Marine Thunderstorm Wind (MG 41 kt)
	06/30/14 21:35 CST	0		Source: C-MAN Station
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<b>BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]</b>	06/30/14 22:10 CST	0		Marine Thunderstorm Wind (MG 59 kt)
	06/30/14 22:25 CST	0		Source: C-MAN Station

Winds gusted in excess of 34 knots for 15 minutes, peaking at 59 knots.

Extensive damage was sustained from two separate lines of thunderstorms on Monday, June 30th which was officially determined to be from two separate derecho events. Thunderstorms developed over Iowa during the early afternoon and organized into a forward-propagating quasi-linear convective system (QLCS) and tracked across Lake Michigan by early to mid evening. Meanwhile, a second complex of intense thunderstorms developed over central and eastern Iowa and also evolved into a QLCS, tracking across southern Lake Michigan late in the evening into the overnight hours.