

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
LEE COUNTY --- 2.0 S STEWARD [41.82, -89.02]				
	07/01/12 10:12 CST		0	Thunderstorm Wind (EG 52 kt)
	07/01/12 10:12 CST		0	Source: Trained Spotter
A trained spotter estimated wind gusts to 60 mph.				
GRUNDY COUNTY --- 0.3 NNW MORRIS [41.37, -88.42]				
	07/01/12 10:25 CST		0	Hail (0.88 in)
	07/01/12 10:26 CST		0	Source: Emergency Manager
Nickel size hail was reported at Route 47 and Route 6.				
GRUNDY COUNTY --- 4.0 NNW COAL CITY [41.33, -88.31]				
	07/01/12 10:27 CST		0	Hail (0.75 in)
	07/01/12 10:28 CST		0	Source: CoCoRaHS
WILL COUNTY --- 1.9 NW BRAIDWOOD [41.29, -88.25]				
	07/01/12 10:37 CST		0	Hail (0.88 in)
	07/01/12 10:38 CST		0	Source: Emergency Manager
Nickel size hail was reported in Diamond.				
DU PAGE COUNTY --- (DPA)DUPAGE CO ARPT [41.90, -88.25]				
	07/01/12 11:03 CST		0	Thunderstorm Wind (MG 51 kt)
	07/01/12 11:03 CST		0	Source: ASOS
KANE COUNTY --- 0.6 NNW GENEVA [41.89, -88.31]				
	07/01/12 11:03 CST		0	Thunderstorm Wind (EG 61 kt)
	07/01/12 11:03 CST		0	Source: Trained Spotter
A four foot diameter tree was blown down.				
KANE COUNTY --- 1.8 SW ST CHARLES [41.90, -88.34]				
	07/01/12 11:08 CST		0.50K	Thunderstorm Wind (EG 52 kt)
	07/01/12 11:09 CST		0	Source: Newspaper
Tents were blown down and shredded at the Kane County Fair Grounds. Some of the tent poles were twisted.				
DU PAGE COUNTY --- (DPA)DUPAGE CO ARPT [41.90, -88.25]				
	07/01/12 11:17 CST		0	Thunderstorm Wind (MG 65 kt)
	07/01/12 11:17 CST		0	Source: ASOS
WILL COUNTY --- PLAINFIELD [41.60, -88.20]				
	07/01/12 11:17 CST		0	Hail (0.75 in)
	07/01/12 11:18 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- CAROL STREAM [41.92, -88.13]				
	07/01/12 11:18 CST		20K	Thunderstorm Wind (EG 70 kt)
	07/01/12 11:18 CST		0	Source: Trained Spotter
A roof was blown off a Walgreens store. Shingles were blown off other roofs and a light pole was blown down. Wind gusts were estimated to 80 mph.				
KANE COUNTY --- ST CHARLES [41.92, -88.32]				
	07/01/12 11:18 CST		0	Thunderstorm Wind (EG 61 kt)
	07/01/12 11:18 CST		0	Source: Trained Spotter
A trained spotter estimated wind gusts to 70 mph.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
DU PAGE COUNTY --- ROSELLE [41.98, -88.08]				
	07/01/12 11:20 CST		0.50K	Thunderstorm Wind (EG 61 kt)
	07/01/12 11:20 CST		0	Source: Trained Spotter
A large pine tree was uprooted and multiple tree limbs were snapped off trees. Shingles were blown off a roof.				
DU PAGE COUNTY --- WHEATON [41.87, -88.12]				
	07/01/12 11:22 CST		0	Hail (1.50 in)
	07/01/12 11:25 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- 0.9 NNE GLEN ELLYN [41.89, -88.06]				
	07/01/12 11:25 CST		10K	Thunderstorm Wind (EG 70 kt)
	07/01/12 11:25 CST		0	Source: Trained Spotter
Extensive tree damage resulted in damage to houses in the 500 block of Forest Avenue.				
DU PAGE COUNTY --- 1.5 SW WHEATON [41.86, -88.14]				
	07/01/12 11:25 CST		1K	Thunderstorm Wind (EG 61 kt)
	07/01/12 11:25 CST		0	Source: Trained Spotter
Trees and power lines were blown down near County Farm Road and Route 38.				
DU PAGE COUNTY --- WHEATON [41.87, -88.12]				
	07/01/12 11:25 CST		15K	Thunderstorm Wind (EG 70 kt)
	07/01/12 11:25 CST		0	Source: Trained Spotter
A large tree fell onto two cars.				
KANE COUNTY --- AURORA [41.77, -88.32]				
	07/01/12 11:25 CST		0	Hail (1.00 in)
	07/01/12 11:26 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- WINFIELD [41.87, -88.17]				
	07/01/12 11:26 CST		25K	Thunderstorm Wind (EG 78 kt)
	07/01/12 11:26 CST		0	Source: Trained Spotter
Trees were blown down and roofs were damaged. Wind gusts were estimated to 90 mph.				
DU PAGE COUNTY --- GLEN ELLYN [41.88, -88.07]				
	07/01/12 11:27 CST		0	Thunderstorm Wind (EG 56 kt)
	07/01/12 11:27 CST		0	Source: Trained Spotter
Six to ten inch diameter tree limbs were blown down.				
DU PAGE COUNTY --- GLEN ELLYN [41.88, -88.07]				
	07/01/12 11:27 CST		0	Hail (1.00 in)
	07/01/12 11:30 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- WHEATON [41.87, -88.12]				
	07/01/12 11:30 CST		0	Hail (0.75 in)
	07/01/12 11:31 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- VILLA PARK [41.88, -87.98]				
	07/01/12 11:32 CST		0	Hail (0.75 in)
	07/01/12 11:33 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- VILLA PARK [41.88, -87.98]				
	07/01/12 11:32 CST		5K	Thunderstorm Wind (EG 52 kt)
	07/01/12 11:35 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Eight to ten inch diameter trees were blown down. One house was damaged by a tree.				
DU PAGE COUNTY --- 5.0 S ADDISON [41.86, -87.98]				
	07/01/12 11:35 CST		0	Thunderstorm Wind (MG 71 kt)
	07/01/12 11:35 CST		0	Source: Mesonet
DU PAGE COUNTY --- ELMHURST [41.88, -87.95]				
	07/01/12 11:38 CST		0	Thunderstorm Wind (EG 70 kt)
	07/01/12 11:38 CST		0	Source: Trained Spotter
Large trees were blown down. Wind gusts were estimated to 80 mph.				
COOK COUNTY --- 1.5 W RIVER GROVE [41.92, -87.85]				
	07/01/12 11:41 CST		0	Thunderstorm Wind (MG 67 kt)
	07/01/12 11:41 CST		0	Source: Mesonet
COOK COUNTY --- (ORD)O'HARE INTL ARP [41.98, -87.90]				
	07/01/12 11:43 CST		0	Thunderstorm Wind (MG 53 kt)
	07/01/12 11:43 CST		0	Source: ASOS
COOK COUNTY --- 0.6 W WESTCHESTER [41.85, -87.88]				
	07/01/12 11:45 CST		0	Hail (0.75 in)
	07/01/12 11:46 CST		0	Source: Trained Spotter
Penny size hail was reported at Cermack and La Grange Roads.				
COOK COUNTY --- BROOKFIELD [41.82, -87.83]				
	07/01/12 11:45 CST		0	Hail (1.00 in)
	07/01/12 11:46 CST		0	Source: Trained Spotter
DU PAGE COUNTY --- OAK BROOK [41.83, -87.97]				
	07/01/12 11:45 CST		0	Thunderstorm Wind (EG 56 kt)
	07/01/12 11:45 CST		0	Source: Trained Spotter
An eight inch diameter tree limb was blown down.				
WILL COUNTY --- 2.0 SE BEECHER [41.33, -87.60]				
	07/01/12 11:46 CST		0	Hail (1.00 in)
	07/01/12 11:47 CST		0	Source: Trained Spotter
COOK COUNTY --- 0.6 ESE EDGEBROOK [42.00, -87.74]				
	07/01/12 11:50 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/01/12 11:50 CST		0	Source: Newspaper
A tree fell onto a car trapping one person inside the car in the 6600 block of North Kostner Avenue but the person did not need medical treatment.				
COOK COUNTY --- 1.1 SSW MANNHEIM [41.90, -87.90]				
	07/01/12 11:50 CST		0	Thunderstorm Wind (EG 61 kt)
	07/01/12 11:50 CST		0	Source: Trained Spotter
A shed was flipped over in the parking lot of a home improvement center.				
COOK COUNTY --- 1.2 SW WINNETKA [42.11, -87.74]				
	07/01/12 12:05 CST		10K	Thunderstorm Wind (EG 65 kt)
	07/01/12 12:05 CST		0	Source: Trained Spotter
Windows were blown out of buildings in downtown Winnetka.				

Thunderstorms began developing during the late morning hours of July 1st across northern Illinois and continued into the early afternoon hours. Some of these thunderstorms organized into a powerful line that produced widespread wind damage across parts of north central Dupage County with wind speeds between 75 mph and 90 mph. Power outages in these areas lasted several days.

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(IL-Z003) WINNEBAGO, (IL-Z004) BOONE, (IL-Z005) MCHENRY, (IL-Z006) LAKE, (IL-Z008) OGLE, (IL-Z010) LEE, (IL-Z011) DE KALB, (IL-Z012) KANE, (IL-Z013) DU PAGE, (IL-Z014) COOK, (IL-Z019) LA SALLE, (IL-Z020) KENDALL, (IL-Z021) GRUNDY, (IL-Z022) WILL, (IL-Z023) KANKAKEE, (IL-Z032) LIVINGSTON, (IL-Z033) IROQUOIS, (IL-Z039) FORD				
	07/04/12 12:00 CST	23	0.75M	Excessive Heat
	07/07/12 18:00 CST		0	
Direct Fatalities: F100PH, F46PH, F53PH, F56PH, F61PH, F65PH, F79PH, F89PH, F91PH, M38??, M48PH, M53PH, M55PH, M56PH, M57PH, M58PH, M59PH, M68PH, M70PH, M73PH, M81PH				
Northern Illinois experienced an intense heat wave during the first week of July. High temperatures at Chicago O'Hare Airport reached 102 on the 4th, 103 on the 5th and 6th and 98 on the 7th. Low temperatures remained in the upper 70s to lower 80s during much of the heat wave with a low temperature of just 82 degrees on the morning of the 6th. Maximum heat index values were mostly in the range of 105 to 115 each day across northeast Illinois. A cold front moved across the area during the late morning and early afternoon of July 7th, bringing several days of near normal temperatures for mid July.				
Between July 4th and July 11th, the intense heat was a direct or contributing factor to at least 23 deaths in Cook County.				
On July 4th, heat caused Columbus Drive, just north of Roosevelt Road, to buckle. The damage stretched across the entire street, just above an underground pedestrian walkway.				
On July 4th, heat caused the railroad lines on a bridge over Shermer Road in Glenview to expand leading to a train derailment. A total of 28 freight cars piled up leading to a collapse of the bridge. Two people in a car driving under the bridge were killed.				
COOK COUNTY --- 1.5 N (CGX)MEIGS FLD CHICA [41.89, -87.60]				
	07/05/12 14:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/05/12 14:15 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph at Navy Pier in Chicago.				
COOK COUNTY --- 1.8 ENE DEERING [41.94, -87.64], 2.0 E DEERING [41.93, -87.63]				
	07/05/12 14:15 CST		0	Thunderstorm Wind (EG 61 kt)
	07/05/12 14:15 CST		0	Source: NWS Employee
Trees were damaged between Belmont Avenue and Diversey Parkway along Lake Shore Drive including two large trees snapped at the base and another large tree split.				
Severe thunderstorms developed along a lake breeze in northeast Illinois producing damaging winds.				
OGLE COUNTY --- 5.0 NW POLO [42.03, -89.65]				
	07/07/12 15:15 CST		0	Hail (0.75 in)
	07/07/12 15:15 CST		0	Source: COOP Observer
OGLE COUNTY --- 5.0 NW POLO [42.03, -89.65]				
	07/07/12 15:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/07/12 15:15 CST		0	Source: COOP Observer
Three to four trees were blown down with numerous tree limbs blown down. One soft wood maple tree one foot in diameter had its top twisted off, ten to twelve feet above the ground.				
A severe thundestorm moved across parts of Ogle County during the afternoon of July 7th bringing high winds and small hail.				
COOK COUNTY --- 1.3 E CLYBOURN [41.92, -87.65]				
	07/13/12 13:20 CST		0	Thunderstorm Wind (EG 55 kt)
	07/13/12 13:20 CST		0	Source: Broadcast Media
Trees and tree limbs were blown down in Lincoln Park.				
DU PAGE COUNTY --- 1.4 E BATAVIA JCT [41.80, -88.20]				
	07/13/12 14:50 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/13/12 14:50 CST		0	Source: Public

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Numerous tents were flipped over with tent legs snapped at an outdoor event near Interstate 88 and Route 59. Construction trailers were also flipped over.

Severe thunderstorms moved across parts of northern Illinois during the afternoon hours of July 13th.

(IL-Z014) COOK

07/17/12 12:00 CST	3	0	Heat
07/18/12 20:00 CST		0	

Direct Fatalities: F69PH, M50PH, M60PH

Northern Illinois experienced an intense heat wave during the middle of July. High temperatures at Chicago O'Hare Airport reached 99 on the 17th and 94 on the 18th. Low temperatures were generally in the mid to upper 70s. Maximum heat index values were around 100 on both days. Two men aged 50 and 60, died from heat related illness in Chicago and a 69 year old woman died from heat related illness in Streamwood.

BOONE COUNTY --- 1.1 W BLAINE [42.45, -88.82]

07/18/12 18:17 CST	0	Hail (0.88 in)
07/18/12 18:18 CST	0	Source: Law Enforcement

Nickel size hail was reported near the intersection of Popular Grove and Blaine Roads.

OGLE COUNTY --- 3.4 N STILLMAN VLY [42.15, -89.17]

07/18/12 18:57 CST	0	Thunderstorm Wind (EG 61 kt)
07/18/12 18:57 CST	0	Source: Trained Spotter

Wind gusts were estimated to 70 mph about 5 miles southwest of the Rockford Airport. Small tree limbs were blown down.

WINNEBAGO COUNTY --- 0.5 SSW LOVES PARK [42.31, -89.05], 0.4 N HARLEM [42.34, -89.02]

07/18/12 18:58 CST	0	Thunderstorm Wind (EG 55 kt)
07/18/12 18:58 CST	0	Source: Amateur Radio

A ten inch diameter tree limb was blown down on the 700 block of Loves Park Drive and an eight inch diameter tree limb was blown down on the 7800 block of Forest Hills Road.

WINNEBAGO COUNTY --- 3.8 SW SHIRLAND [42.41, -89.25]

07/18/12 18:58 CST	0	Thunderstorm Wind (EG 55 kt)
07/18/12 18:58 CST	0	Source: Trained Spotter

A large tree limb was blown down on Highway 75 about 4 miles east of Durand.

WINNEBAGO COUNTY --- CHERRY VLY [42.23, -88.95]

07/18/12 19:06 CST	0	Thunderstorm Wind (EG 56 kt)
07/18/12 19:06 CST	0	Source: Trained Spotter

Wind gusts were estimated to 65 mph. Large tree limbs were blown down.

WINNEBAGO COUNTY --- 0.9 WNW ROCKFORD [42.27, -89.10], 0.8 WNW ROCKFORD [42.27, -89.10], 0.9 W ROCKFORD [42.27, -89.10], 0.9 W ROCKFORD [42.27, -89.10]

07/18/12 19:09 CST	0	Flood (due to Heavy Rain)
07/18/12 22:00 CST	0	Source: Trained Spotter

Ten to twelve inches of water was reported at the intersection of Court and West State Streets.

WINNEBAGO COUNTY --- 0.7 S MACHESNEY PARK [42.34, -89.04]

07/18/12 19:20 CST	5K	Thunderstorm Wind (EG 55 kt)
07/18/12 19:20 CST	0	Source: Amateur Radio

A 20 to 30 foot long, six inch diameter tree limb fell through the roof of a house on Mildred Road.

BOONE COUNTY --- CAPRON [42.40, -88.75]

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/12 19:24 CST		0	Hail (0.75 in)
	07/18/12 19:25 CST		0	Source: Trained Spotter
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WINNEBAGO COUNTY --- 0.7 WNW EAST ROCKFORD [42.25, -89.08], 0.5 WNW EAST ROCKFORD [42.25, -89.08], 0.5 WNW EAST ROCKFORD [42.25, -89.08], 0.6 WNW EAST ROCKFORD [42.25, -89.08]				
	07/18/12 19:24 CST		0	Flood (due to Heavy Rain)
	07/18/12 22:00 CST		0	Source: Amateur Radio
Four inches of flowing water was reported near 7th Street and Broadway.				
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MCHENRY COUNTY --- 0.7 ENE HEBRON [42.47, -88.42]				
	07/18/12 19:34 CST		0	Thunderstorm Wind (EG 50 kt)
	07/18/12 19:34 CST		0	Source: Trained Spotter
A 4 to 6 inch diameter tree was blown down on Route 173, just east of Hebron.				
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DE KALB COUNTY --- 2.4 SSE MALTA [41.90, -88.85]				
	07/18/12 19:40 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/12 19:40 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph near Interstate 88 and University Road.				
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LAKE COUNTY --- 0.6 ENE GRASS LAKE [42.43, -88.12], 0.7 ENE GRASS LAKE [42.43, -88.12], 0.7 E GRASS LAKE [42.43, -88.12], 0.6 E GRASS LAKE [42.43, -88.12]				
	07/18/12 20:06 CST		0	Flood (due to Heavy Rain)
	07/18/12 22:00 CST		0	Source: Trained Spotter
Four inches of standing water was reported on Route 59, about one eighth of a mile north of Petite Lake Road.				
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KANE COUNTY --- CARPENTERSVILLE [42.13, -88.25]				
	07/18/12 20:12 CST		0	Thunderstorm Wind (EG 55 kt)
	07/18/12 20:12 CST		0	Source: Trained Spotter
An eight inch diameter tree was blown down along with six inch diameter tree limbs.				
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KANE COUNTY --- ELGIN [42.03, -88.28]				
	07/18/12 20:15 CST		0	Thunderstorm Wind (MG 52 kt)
	07/18/12 20:15 CST		0	Source: Trained Spotter
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COOK COUNTY --- 0.8 SW HANOVER PARK [42.01, -88.19], 0.7 SW HANOVER PARK [42.01, -88.19], 0.8 SW HANOVER PARK [42.01, -88.19], 0.8 SW HANOVER PARK [42.01, -88.19]				
	07/18/12 20:25 CST		0	Flood (due to Heavy Rain)
	07/18/12 22:30 CST		0	Source: Trained Spotter
Five inches of water was reported going over curbs on Forest Cove Court.				
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COOK COUNTY --- INVERNESS [42.12, -88.08]				
	07/18/12 20:25 CST		0	Thunderstorm Wind (EG 61 kt)
	07/18/12 20:25 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph.				
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KANE COUNTY --- ELGIN [42.03, -88.28]				
	07/18/12 20:25 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/12 20:25 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph. Small tree limbs were blown down.				
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COOK COUNTY --- 1.4 ESE STREAMWOOD [42.02, -88.14]				
	07/18/12 20:32 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/12 20:32 CST		0	Source: Trained Spotter

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Wind gusts were estimated to 65 mph near Barrington and Schaumburg Roads.				
COOK COUNTY --- 0.5 WNW GLENCOE [42.13, -87.76], 0.4 NW GLENCOE [42.13, -87.76], 0.4 NW GLENCOE [42.13, -87.76], 0.5 WNW GLENCOE [42.13, -87.76]				
	07/18/12 20:45 CST		0	Flash Flood (due to Heavy Rain)
	07/18/12 22:30 CST		0	Source: Law Enforcement
Hazel Avenue under a viaduct was closed due to high water.				
KANE COUNTY --- 0.8 SW AURORA MUNI ARPT [41.76, -88.34]				
	07/18/12 21:23 CST		0	Thunderstorm Wind (EG 56 kt)
	07/18/12 21:23 CST		0	Source: Trained Spotter
Tree limbs 6 to 8 inches in diameter were blown down near Galena Blvd and Fordham Avenue.				
COOK COUNTY --- 1.4 SSW GOESSELVILLE [41.60, -87.79]				
	07/18/12 21:25 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/12 21:25 CST		0	Source: Amateur Radio
Wind gusts were estimated to 60 mph near 159th Street and Harlem Avenue.				
Severe thunderstorms moved across parts of northern Illinois during the middle to late evening hours of July 18th. Some of the storms produced torrential rainfall which produced rainfall rates of 1 to 2 inches per hour which resulted in flooding in some areas.				
(IL-Z003) WINNEBAGO, (IL-Z008) OGLE, (IL-Z010) LEE, (IL-Z032) LIVINGSTON, (IL-Z039) FORD				
	07/24/12 00:00 CST		0	Drought
	07/31/12 23:59 CST		0	
After a dry spring and early summer, severe drought conditions developed across much of northern Illinois by mid July 2012 with extreme drought conditions developing during late July across parts of Ogle, Lee, Winnebago, Livingston and Ford Counties.				
Rainfall totals in the extreme drought areas between June 1st and August 1st included 2.44 inches two miles west southwest of Paxton (which was just 30% of normal rainfall); 3.34 inches in Rockford (38% of normal rainfall); 3.47 inches two miles northwest of Paw Paw (41% of normal) and 3.32 inches in Pontiac (43% of normal). Temperatures reached 90 degrees or higher on 21 days in July at Rockford Airport and 100 degrees or higher on 5 of those 21 days.				
WINNEBAGO COUNTY --- ROCKFORD [42.27, -89.08]				
	07/24/12 04:11 CST		0	Thunderstorm Wind (EG 52 kt)
	07/24/12 04:11 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph in Rockford.				
WINNEBAGO COUNTY --- (RFD)GTR ROCKFORD AR [42.20, -89.10]				
	07/24/12 04:14 CST		0	Thunderstorm Wind (MG 56 kt)
	07/24/12 04:14 CST		0	Source: ASOS
OGLE COUNTY --- ROCHELLE MUNI ARPT [41.90, -89.08]				
	07/24/12 04:27 CST		0	Thunderstorm Wind (MG 50 kt)
	07/24/12 04:27 CST		0	Source: AWOS
MCHENRY COUNTY --- 2.1 N HARTLAND [42.40, -88.50]				
	07/24/12 04:31 CST		0	Thunderstorm Wind (MG 58 kt)
	07/24/12 04:31 CST		0	Source: Trained Spotter
Wind gusts to 67 mph were measured near the intersection of McGuire and Alden Roads.				
DE KALB COUNTY --- 2.0 NW DE KALB [41.95, -88.78], 0.7 E DE KALB MUNI ARPT [41.93, -88.71]				
	07/24/12 04:35 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/24/12 04:43 CST		0	Source: Emergency Manager
Numerous trees, tree limbs and power lines were blown down from the north side of Dekalb southeast to the Dekalb airport.				

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DE KALB COUNTY --- 3.0 NNE WILKINSON [42.04, -88.75]				
	07/24/12 04:35 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/24/12 04:35 CST		0	Source: Emergency Manager
A corn silo collapsed three miles north of Route 64 and 1st Street.				
DE KALB COUNTY --- 2.6 SE WILKINSON [41.97, -88.74], 2.6 NNE DE KALB [41.97, -88.74]				
	07/24/12 04:36 CST		1K	Thunderstorm Wind (EG 61 kt)
	07/24/12 04:37 CST		0	Source: Emergency Manager
Trees were blown down near Coltonville Road and 1st Street. Another tree was blown down near Bethany Road and 1st Street. The falling trees knocked down power lines.				
DE KALB COUNTY --- 2.2 N DE KALB MUNI ARPT [41.96, -88.72]				
	07/24/12 04:38 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 04:38 CST		0	Source: Emergency Manager
Wind gusts were estimated to 70 mph at the Kishwaukee Hospital.				
DE KALB COUNTY --- 0.8 N DE KALB [41.94, -88.75]				
	07/24/12 04:40 CST		0.50K	Thunderstorm Wind (EG 56 kt)
	07/24/12 04:40 CST		0	Source: Emergency Manager
A large metal light pole was split and toppled at a gas station near Hillcrest Avenue and 1st Street.				
MCHENRY COUNTY --- 2.0 NE WOODSTOCK [42.34, -88.42]				
	07/24/12 04:40 CST		0	Thunderstorm Wind (EG 56 kt)
	07/24/12 04:40 CST		0	Source: Trained Spotter
Wind gusts were estimated to 65 mph.				
KANE COUNTY --- ELBURN [41.88, -88.47]				
	07/24/12 04:45 CST		0	Thunderstorm Wind (MG 55 kt)
	07/24/12 04:45 CST		0	Source: Trained Spotter
MCHENRY COUNTY --- 1.0 S WOODSTOCK [42.31, -88.45]				
	07/24/12 04:45 CST		2K	Thunderstorm Wind (EG 61 kt)
	07/24/12 04:45 CST		0	Source: Trained Spotter
Utility poles were snapped at Kimball Avenue and Bunker Street.				
KANE COUNTY --- ELBURN [41.88, -88.47]				
	07/24/12 04:57 CST		5K	Thunderstorm Wind (EG 61 kt)
	07/24/12 05:00 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph. Large tree limbs and power lines were blown down across the southside of Elburn.				
KANE COUNTY --- GENEVA [41.88, -88.30]				
	07/24/12 05:03 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 05:05 CST		0	Source: Trained Spotter
Large tree limbs were blown down throughout Geneva.				
COOK COUNTY --- 0.7 NNE PLUM GROVE ESTATES [42.08, -88.03]				
	07/24/12 05:06 CST		0.50K	Thunderstorm Wind (EG 56 kt)
	07/24/12 05:06 CST		0	Source: Trained Spotter
A street light was blown down on Kirchoff Road.				
DUPAGE COUNTY --- (DPA)DUPAGE CO ARPT [41.90, -88.25]				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/24/12 05:09 CST		0	Thunderstorm Wind (MG 53 kt)
	07/24/12 05:09 CST		0	Source: ASOS
<hr/>				
DU PAGE COUNTY --- NAPERVILLE [41.78, -88.15]				
	07/24/12 05:15 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 05:15 CST		0	Source: Trained Spotter
<hr/>				
Wind gusts were estimated to 70 mph.				
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COOK COUNTY --- (ORD)O'HARE INTL ARP [41.98, -87.90]				
	07/24/12 05:16 CST		0	Thunderstorm Wind (MG 50 kt)
	07/24/12 05:16 CST		0	Source: ASOS
<hr/>				
DU PAGE COUNTY --- OAK BROOK [41.83, -87.97]				
	07/24/12 05:18 CST		0	Thunderstorm Wind (EG 56 kt)
	07/24/12 05:18 CST		0	Source: COOP Observer
<hr/>				
A five inch diameter tree was sheared off, approximately 30 feet in length.				
<hr/>				
GRUNDY COUNTY --- MINOOKA [41.45, -88.27]				
	07/24/12 05:19 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/24/12 05:20 CST		0	Source: Emergency Manager
<hr/>				
Trees and tree limbs were blown down on the north side of Minooka. One small tree fell onto a house. The roof was torn off a baseball dugout and part of a cinder block wall fell at the Minooka Elementary School. An old fence was uprooted and fell onto a police car at the municipal building.				
<hr/>				
KENDALL COUNTY --- 6.4 ENE PLATTVILLE [41.56, -88.26]				
	07/24/12 05:20 CST		0	Thunderstorm Wind (EG 56 kt)
	07/24/12 05:20 CST		0	Source: NWS Employee
<hr/>				
Two trees were split near Southworth Circle and Townsend Blvd.				
<hr/>				
COOK COUNTY --- 1.0 SSE WILMETTE [42.06, -87.67]				
	07/24/12 05:24 CST		0	Thunderstorm Wind (MG 50 kt)
	07/24/12 05:24 CST		0	Source: Trained Spotter
<hr/>				
Wind gusts were measured to 58 mph. Small tree limbs were blown down.				
<hr/>				
WILL COUNTY --- 3.5 E BARBERS CORNERS [41.73, -88.00]				
	07/24/12 05:24 CST		0	Thunderstorm Wind (EG 56 kt)
	07/24/12 05:24 CST		0	Source: Trained Spotter
<hr/>				
A tree was blown down near Washington and 87th Streets.				
<hr/>				
GRUNDY COUNTY --- 1.5 NE DIVINE [41.40, -88.28]				
	07/24/12 05:25 CST		0	Thunderstorm Wind (EG 65 kt)
	07/24/12 05:25 CST		0	Source: Trained Spotter
<hr/>				
Outflow from thunderstorms produced a measured gust to 65 mph at the Dresden Nuclear Power Station.				
<hr/>				
DU PAGE COUNTY --- NAPERVILLE [41.78, -88.15]				
	07/24/12 05:30 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 05:30 CST		0	Source: Trained Spotter
<hr/>				
Wind gusts were estimated to 70 mph. Tree limbs were blown down.				
<hr/>				
WILL COUNTY --- JOLIET [41.53, -88.10]				
	07/24/12 05:30 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 05:30 CST		0	Source: Trained Spotter
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Wind gusts were estimated to 70 mph. A ten inch diameter tree limb was snapped from a tree.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COOK COUNTY --- (MDW)MIDWAY ARPT CHI [41.78, -87.75]				
	07/24/12 05:32 CST		0	Thunderstorm Wind (MG 53 kt)
	07/24/12 05:32 CST		0	Source: ASOS
WILL COUNTY --- PLAINFIELD [41.60, -88.20]				
	07/24/12 05:32 CST		0	Thunderstorm Wind (EG 56 kt)
	07/24/12 05:32 CST		0	Source: Trained Spotter
Wind gusts were estimated to 65 mph.				
COOK COUNTY --- 3.0 SW (MDW)MIDWAY ARPT CHI [41.75, -87.79]				
	07/24/12 05:35 CST		0	Thunderstorm Wind (MG 56 kt)
	07/24/12 05:35 CST		0	Source: COOP Observer
COOK COUNTY --- 1.2 E KEDZIE [41.90, -87.68]				
	07/24/12 05:36 CST		0	Thunderstorm Wind (EG 52 kt)
	07/24/12 05:36 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph at Damen Avenue and Augusta Blvd.				
COOK COUNTY --- 1.4 SE HAWTHORNE [41.59, -87.73]				
	07/24/12 05:44 CST		0	Thunderstorm Wind (EG 50 kt)
	07/24/12 05:44 CST		0	Source: Trained Spotter
A light pole was blown down near Interstate 57 and 167th Street.				
COOK COUNTY --- CHICAGO HAMMOND ARPT [41.53, -87.53]				
	07/24/12 05:50 CST		0	Thunderstorm Wind (MG 55 kt)
	07/24/12 05:50 CST		0	Source: AWOS
COOK COUNTY --- HOMEWOOD [41.55, -87.65]				
	07/24/12 05:55 CST		0	Thunderstorm Wind (EG 52 kt)
	07/24/12 05:55 CST		0	Source: Trained Spotter
Wind gusts were estimated to 60 mph. Many small tree limbs were blown down.				
KANKAKEE COUNTY --- 0.3 ESE BOURBONNAIS [41.15, -87.88]				
	07/24/12 05:55 CST		0	Thunderstorm Wind (EG 56 kt)
	07/24/12 05:55 CST		0	Source: Trained Spotter
A 12 to 14 inch diameter tree was blown down near Route 45 and North Street.				
A powerful line of thunderstorms moved southeast across northern Illinois during the morning hours of July 24th producing widespread wind damage.				
(IL-Z014) COOK				
	07/25/12 12:00 CST	1	0	Heat
	07/25/12 20:00 CST		0	
Direct Fatalities: M64PH				
Temperatures climbed to near 100 degrees on July 25th. A 64 year old man died from heat related illness in Chicago.				
(IL-Z003) WINNEBAGO				
	07/25/12 23:39 CST		0	High Wind (MAX 52 kt)
	07/26/12 01:00 CST		0	
Strong winds associated with outflow from thunderstorms moved across northern Illinois during the early morning hours of July 26th with gusts as high as 60 mph in Winnebago and South Beloit.				

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
COOK COUNTY --- (ORD)O'HARE INTL ARP [41.98, -87.90]				
	07/26/12 00:39 CST		10K	Thunderstorm Wind (MG 61 kt)
	07/26/12 00:39 CST		0	Source: ASOS
Wind gusts were measured to 70 mph at O'Hare Airport. A hanger wall collapsed.				
COOK COUNTY --- DES PLAINES [42.03, -87.90]				
	07/26/12 00:40 CST		5K	Thunderstorm Wind (EG 55 kt)
	07/26/12 00:40 CST		0	Source: Newspaper
Two houses in Des Plaines sustained minor damage by falling trees.				
A severe thunderstorm moved across parts of northeast Illinois during the early morning hours of July 26th.				
(IL-Z014) COOK				
	07/27/12 17:00 CST	1	0	Rip Current
	07/27/12 17:00 CST		0	
Direct Fatalities: F12IW				
Strong rip currents developed on Friday, July 27th. Four people were swimming near North Avenue Beach when a strong current carried them further out in the lake until they could no longer feel the lake's bottom. The group held onto each other until another wave forced them apart. A 12 year old girl went under water and was missing for at least 10 minutes. Once pulled to shore, she was taken to the hospital and died from her injuries three days later.				
(IL-Z014) COOK				
	07/30/12 12:00 CST	1	0	Heat
	07/30/12 20:00 CST		0	
Direct Fatalities: M52PH				
Temperatures climbed into the lower 90s on July 30th 2012. A 52 year old Chicago man died from a heat stroke.				
WINNEBAGO COUNTY --- PECATONICA [42.30, -89.35]				
	07/31/12 00:33 CST		0	Hail (0.88 in)
	07/31/12 00:34 CST		0	Source: Broadcast Media
WILL COUNTY --- 1.2 S NEW LENOX GEAR ARPT [41.48, -87.98]				
	07/31/12 03:21 CST		0	Hail (1.00 in)
	07/31/12 03:22 CST		0	Source: Amateur Radio
Quarter size hail was reported at Laraway and Nelson Roads.				
KANKAKEE COUNTY --- 4.0 NW KANKAKEE [41.16, -87.90], BRADLEY [41.13, -87.87]				
	07/31/12 06:28 CST		0	Hail (1.00 in)
	07/31/12 06:34 CST		0	Source: Trained Spotter
Multiple reports of nickel to quarter size hail were received from portions of Kankakee, Bourbonnais, and Bradley.				
IROQUOIS COUNTY --- 1.0 S WATSEKA [40.77, -87.73]				
	07/31/12 07:41 CST		0	Hail (0.88 in)
	07/31/12 07:43 CST		0	Source: Trained Spotter
FORD COUNTY --- SIBLEY [40.58, -88.38]				
	07/31/12 11:35 CST		0	Hail (1.00 in)
	07/31/12 11:38 CST		0	Source: Storm Chaser

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
FORD COUNTY --- 0.9 S GIBSON CITY [40.46, -88.37]				
	07/31/12 11:52 CST		0	Hail (1.00 in)
	07/31/12 11:55 CST		0	Source: Public
Quarter size hail was reported at 623 East 1st Street.				
FORD COUNTY --- 2.0 S GIBSON CITY [40.44, -88.37], 2.0 S GIBSON CITY [40.44, -88.37]				
	07/31/12 12:18 CST		0	Tornado (EF0, L: 0.01 mi , W: 20 yd)
	07/31/12 12:19 CST		0	Source: Trained Spotter
A trained spotter reported that a very brief tornado touched down on the east side of Illinois Route 47 approximately two miles south of Gibson City. No damage occurred.				
FORD COUNTY --- 4.0 SSW ELLIOTT [40.42, -88.30]				
	07/31/12 13:27 CST		0	Hail (0.88 in)
	07/31/12 13:29 CST		0	Source: Public
Strong to severe thunderstorms moved across parts of northern Illinois producing hail and one brief tornado.				
INDIANA, Northwest				
LAKE COUNTY --- 1.5 N GRIFFITH [41.55, -87.43]				
	07/01/12 12:02 CST		0	Thunderstorm Wind (MG 70 kt)
	07/01/12 12:02 CST		0	Source: Trained Spotter
Wind gusts to 80 mph were measured near Cline Avenue and Ridge Road.				
LAKE COUNTY --- 2.3 WSW WINFIELD [41.39, -87.32]				
	07/01/12 12:16 CST		0	Hail (0.88 in)
	07/01/12 12:17 CST		0	Source: Amateur Radio
Nickel size hail was reported near Interstate 65 and Route 231.				
PORTER COUNTY --- BOONE GROVE [41.35, -87.13]				
	07/01/12 12:20 CST		5K	Thunderstorm Wind (EG 65 kt)
	07/01/12 12:20 CST		0	Source: Law Enforcement
Trees and power lines were blown down across many areas of southwest Porter County.				
LAKE COUNTY --- 0.7 SW DEEP RIVER [41.46, -87.24]				
	07/01/12 12:21 CST		0	Thunderstorm Wind (EG 52 kt)
	07/01/12 12:21 CST		0	Source: CoCoRaHS
Wind gusts were estimated to 60 mph.				
LAKE COUNTY --- 0.7 SW DEEP RIVER [41.46, -87.24]				
	07/01/12 12:21 CST		0	Hail (1.00 in)
	07/01/12 12:22 CST		0	Source: CoCoRaHS
PORTER COUNTY --- 1.7 WSW BEATRICE [41.41, -87.21]				
	07/01/12 12:33 CST		0	Thunderstorm Wind (EG 61 kt)
	07/01/12 12:33 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph at Lakes of the Four Seasons.				
PORTER COUNTY --- 2.4 NE OGDEN DUNES [41.65, -87.15]				
	07/01/12 12:40 CST		0	Thunderstorm Wind (MG 52 kt)
	07/01/12 12:40 CST		0	Source: C-MAN Station

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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A gust to 60 mph was measured at Burns Harbor.

Severe thunderstorms moved across far northwest Indiana during the afternoon hours of July 1st.

(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON

07/04/12 12:00 CST	0	Excessive Heat
07/07/12 18:00 CST	0	

(IN-Z001) LAKE, (IN-Z002) PORTER, (IN-Z010) NEWTON, (IN-Z011) JASPER, (IN-Z019) BENTON

07/04/12 13:00 EST	0	Excessive Heat
07/07/12 19:00 EST	0	

High temperatures were in the upper 90s to lower 100s July 4th through the 7th. Low temperatures were mostly in the upper 70s to lower 80s. Peak heat index values were in the range of 105 to 115 each day.

LAKE COUNTY --- 1.4 NW BLACK OAK [41.59, -87.40], 0.8 WNW BLACK OAK [41.59, -87.39]

07/05/12 14:54 CST	50K	Thunderstorm Wind (EG 70 kt)
07/05/12 14:55 CST	0	Source: Department of Highways

A downburst caused wind damage from Ralston and 11th Street southeast to near Clark and 17th Street. Trees and limbs were blown down. A garage was destroyed. A church had a section of its roof torn off and a shed was damaged.

LAKE COUNTY --- 1.2 NE LOTTAVILLE [41.51, -87.36], 1.3 NE LOTTAVILLE [41.51, -87.35]

07/05/12 15:25 CST	0.10M	Thunderstorm Wind (EG 70 kt)
07/05/12 15:26 CST	0	Source: Emergency Manager

Large sections of roof were blown off of two apartment buildings at 57th Avenue and Hayes Street. Roof debris damaged at least six vehicles in the parking lot. Trees were also damaged. Several trees were uprooted and power lines blown down near the intersection of 57th Avenue and Grant Street.

LAKE COUNTY --- 1.8 SSE GLEN PARK [41.51, -87.32]

07/05/12 15:27 CST	5K	Thunderstorm Wind (EG 60 kt)
07/05/12 15:27 CST	0	Source: Law Enforcement

A tractor trailer was blown over on Interstate 65, just south of 61st Avenue. A highway sign along Interstate 65 was also blown down.

Severe thunderstorms developed along a lake breeze in northwest Indiana producing damaging winds.

(IN-Z002) PORTER

07/08/12 20:00 CST	1	0	Rip Current
07/08/12 20:00 CST		0	

Direct Fatalities: M15IW

Strong rip currents developed on Sunday July 8th. A 15 year old boy was on a sand bar with three friends near the Indiana Dunes National Lakeshore. He either stepped off the sandbar or was knocked off and then disappeared in four foot waves. Two friends looked for him while the third went to shore to call 911. His body was found early Monday morning, July 9th on Ogden Dunes beach.

LAKE COUNTY --- 2.4 NE HIGHLAND [41.57, -87.43]

07/18/12 21:33 CST	0	Thunderstorm Wind (MG 70 kt)
07/18/12 21:33 CST	0	Source: Trained Spotter

Wind gusts were measured to 80 mph near Cline Avenue and US 6 where tree limbs were blown down.

LAKE COUNTY --- CEDAR LAKE [41.37, -87.45]

07/18/12 21:40 CST	0	Thunderstorm Wind (EG 56 kt)
07/18/12 21:40 CST	0	Source: Trained Spotter

Two 10 inch diameter trees were blown down.

LAKE COUNTY --- 1.7 NW GLEN PARK WEST [41.57, -87.30]

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	07/18/12 21:43 CST		0	Thunderstorm Wind (EG 61 kt)
	07/18/12 21:43 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph near Interstate 94 and Interstate 65.				
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PORTER COUNTY --- 1.2 E OGDEN DUNES [41.62, -87.16]				
	07/18/12 21:52 CST		0	Thunderstorm Wind (EG 52 kt)
	07/18/12 21:52 CST		0	Source: Amateur Radio
Tree limbs blown down and blowing garbage cans were reported at the Port of Indiana.				
Severe thunderstorms moved across parts of northwest Indiana during the late evening hours of July 18th.				
<hr/>				
LAKE COUNTY --- CROWN PT [41.42, -87.37]				
	07/24/12 06:03 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 06:03 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph. Multiple medium sized trees and tree limbs were blown down. Basketball hoops were overturned.				
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LAKE COUNTY --- GRIFFITH [41.53, -87.43]				
	07/24/12 06:03 CST		0	Thunderstorm Wind (MG 65 kt)
	07/24/12 06:03 CST		0	Source: Trained Spotter
Wind gusts were measured to 75 mph. Tree limbs were blown down.				
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LAKE COUNTY --- CROWN PT [41.42, -87.37]				
	07/24/12 06:10 CST		0	Thunderstorm Wind (EG 70 kt)
	07/24/12 06:10 CST		0	Source: Trained Spotter
Wind gusts were estimated to 80 mph.				
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PORTER COUNTY --- PORTAGE [41.58, -87.20]				
	07/24/12 06:12 CST		0	Thunderstorm Wind (EG 61 kt)
	07/24/12 06:12 CST		0	Source: Trained Spotter
Wind gusts were estimated to 70 mph. Large tree limbs were blown down.				
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PORTER COUNTY --- VALPARAISO [41.47, -87.05]				
	07/24/12 06:29 CST		0	Thunderstorm Wind (EG 65 kt)
	07/24/12 06:29 CST		0	Source: Trained Spotter
Wind gusts were estimated to 75 mph.				
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JASPER COUNTY --- 1.0 NW WHEATFIELD [41.21, -87.06]				
	07/24/12 06:33 CST		0	Thunderstorm Wind (EG 65 kt)
	07/24/12 06:33 CST		0	Source: Trained Spotter
Numerous large trees were blown down.				
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JASPER COUNTY --- 3.0 SSW NORTH NEWTON [40.94, -87.25]				
	07/24/12 06:49 CST		0	Thunderstorm Wind (EG 65 kt)
	07/24/12 06:49 CST		0	Source: Trained Spotter
Ten to fourteen inch diameter trees were blown down near county road 1080 W and Route 114.				
A powerful line of thunderstorms moved southeast across northwest Indiana during the morning hours of July 24th producing widespread wind damage.				
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LAKE COUNTY --- CEDAR LAKE [41.37, -87.45]				
	07/31/12 03:40 CST		0	Hail (0.75 in)
	07/31/12 03:41 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Strong to severe thunderstorms moved across parts of northwest Indiana on July 31st.

LAKE MICHIGAN

NORTHERLY ISLAND TO CALUMET HARBOR IL COUNTY --- 1.7 ENE CALUMET HARBOR [41.74, -87.51]

07/01/12 12:00 CST	0	Marine Hail (1.75 in)
07/01/12 12:02 CST	0	Source: Mariner

Golfball size hail was reported by a tug boat just east of Calumet Harbor.

NORTHERLY ISLAND TO CALUMET HARBOR IL COUNTY --- CALUMET HARBOR [41.73, -87.54]

07/01/12 12:06 CST	0	Marine Thunderstorm Wind (MG 38 kt)
07/01/12 12:06 CST	0	Source: C-MAN Station

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

07/01/12 12:15 CST	0	Marine Thunderstorm Wind (MG 45 kt)
07/01/12 12:15 CST	0	Source: C-MAN Station

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

07/01/12 12:40 CST	0	Marine Thunderstorm Wind (MG 62 kt)
07/01/12 13:00 CST	0	Source: C-MAN Station

Winds gusted above 34 knots for 20 minutes with a peak gust to 62 knots at 1245 pm CST.

GARY TO BURNS HARBOR IN COUNTY --- BURNS HARBOR [41.65, -87.15]

07/01/12 12:40 CST	0	Marine Thunderstorm Wind (MG 52 kt)
07/01/12 12:40 CST	0	Source: C-MAN Station

Severe thunderstorms moved across much of southern Lake Michigan during the afternoon hours of July 1st.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.8 NW BURNHAM HARBOR [41.89, -87.60]

07/05/12 14:15 CST	5K	Marine Thunderstorm Wind (EG 52 kt)
07/05/12 14:15 CST	0	Source: Trained Spotter

Roof damage was reported to a boat docked at Navy Pier in Chicago. Wind gusts were estimated to 60 mph.

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

07/05/12 14:15 CST	0	Marine Thunderstorm Wind (MG 82 kt)
07/05/12 14:25 CST	0	Source: C-MAN Station

Winds gusted above 40 knots for 10 minutes with a peak gust to 82 knots at 215 pm CST.

Severe thunderstorms developed along a lake breeze in northeast Illinois and northwest Indiana during the after afternoon hours of July 5th.

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

07/13/12 11:30 CST	0	Marine Thunderstorm Wind (MG 35 kt)
07/13/12 11:30 CST	0	Source: C-MAN Station

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

07/13/12 13:25 CST	0	Marine Thunderstorm Wind (MG 50 kt)
07/13/12 13:45 CST	0	Source: C-MAN Station

Winds gusted above 44 knots for 20 minutes with a peak gust to 50 knots at 140 pm CST.

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

07/13/12 13:40 CST	0	Marine Thunderstorm Wind (MG 35 kt)
07/13/12 13:40 CST	0	Source: C-MAN Station

Storm Data and Unusual Weather Phenomena - July 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- WAUKEGAN HARBOR [42.35, -87.81]				
	07/13/12 14:20 CST	0		Marine Thunderstorm Wind (MG 34 kt)
	07/13/12 14:20 CST	0		Source: C-MAN Station
Severe thunderstorms moved across parts of southern Lake Michigan during the afternoon hours of July 13th.				
WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	07/18/12 20:45 CST	0		Marine Thunderstorm Wind (MG 49 kt)
	07/18/12 21:15 CST	0		Source: C-MAN Station
Winds gusted above 44 knots for 30 minutes with a peak gust to 49 knots at 900 pm CST.				
BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]				
	07/18/12 21:40 CST	0		Marine Thunderstorm Wind (MG 50 kt)
	07/18/12 22:20 CST	0		Source: C-MAN Station
Winds gusted above 34 knots for 40 minutes with a peak gust to 50 knots at 945 pm CST.				
GARY TO BURNS HARBOR IN COUNTY --- BURNS HARBOR [41.65, -87.15]				
	07/18/12 21:50 CST	0		Marine Thunderstorm Wind (MG 55 kt)
	07/18/12 22:00 CST	0		Source: C-MAN Station
Severe thunderstorms moved across southern Lake Michigan during the late evening hours of July 18th.				
WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.0 SSE WILMETTE HARBOR [42.06, -87.67]				
	07/24/12 05:24 CST	0		Marine Thunderstorm Wind (MG 50 kt)
	07/24/12 05:24 CST	0		Source: Trained Spotter
Wind gusts to 50 knots were measured one mile south southeast of Wilmette.				
WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57]				
	07/24/12 05:40 CST	0		Marine Thunderstorm Wind (MG 61 kt)
	07/24/12 05:40 CST	0		Source: C-MAN Station
BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]				
	07/24/12 06:15 CST	0		Marine Thunderstorm Wind (MG 62 kt)
	07/24/12 06:15 CST	0		Source: C-MAN Station
GARY TO BURNS HARBOR IN COUNTY --- BURNS HARBOR [41.65, -87.15]				
	07/24/12 06:20 CST	0		Marine Thunderstorm Wind (MG 46 kt)
	07/24/12 06:20 CST	0		Source: C-MAN Station
A powerful line of thunderstorms moved across southern Lake Michigan during the morning hours of July 24th.				
BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91]				
	07/26/12 02:10 CST	0		Marine Thunderstorm Wind (MG 50 kt)
	07/26/12 02:10 CST	0		Source: C-MAN Station
Strong to severe thunderstorms moved across parts of southern Lake Michigan during the early morning hours of July 26th.				