

Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
WILL COUNTY --- 0.5 SW CATON FARM [41.56, -88.26]				
	08/07/13 13:30 CST		0	Hail (0.75 in)
	08/07/13 13:30 CST		0	Source: Public
Penny size hail was reported at Caton Farm Road and County Line Road.				
A thunderstorm moved across northern Illinois dropping penny size hail.				
COOK COUNTY --- 0.9 NW CHICAGO HGTS [41.51, -87.64]				
	08/12/13 16:05 CST		0	Hail (0.75 in)
	08/12/13 16:05 CST		0	Source: Public
A thunderstorm moved across southern Cook County dropping penny size hail.				
(IL-Z014) COOK				
	08/30/13 14:00 CST	1	0	Heat
	08/30/13 17:30 CST		0	
Direct Fatalities: M1VE				
An infant died of heat stroke after being left in a vehicle.				
LAKE COUNTY --- 0.5 SW LINDENHURST [42.42, -88.06]				
	08/30/13 15:42 CST		0	Thunderstorm Wind (EG 65 kt)
	08/30/13 15:42 CST		0	Source: Amateur Radio
Multiple trees of about 12 inches in diameter were blown down near the intersection of Deep Lake Road and Route 132.				
LAKE COUNTY --- VENETIAN VLG [42.40, -88.05], 0.4 WNW LAKE VILLA [42.42, -88.04]				
	08/30/13 15:44 CST		0	Thunderstorm Wind (EG 65 kt)
	08/30/13 15:44 CST		0	Source: Amateur Radio
The greatest damage occurred along Hazelwood Drive just south of Hastings Lake where several pine trees were snapped in the middle and many hardwood tree limbs up to 30 feet in length were broken off with power lines down. Scattered structural damage was also reported.				
LAKE COUNTY --- 1.2 NNW ROUND LAKE HGTS [42.42, -88.09]				
	08/30/13 15:51 CST		0	Hail (0.75 in)
	08/30/13 15:52 CST		0	Source: Amateur Radio
Penny size hail fell near the intersection of Grand Avenue and Cedar Lake Road.				
LAKE COUNTY --- 0.5 W SHAW [42.38, -88.11]				
	08/30/13 15:52 CST		0	Hail (1.00 in)
	08/30/13 15:54 CST		0	Source: Trained Spotter
LAKE COUNTY --- 0.6 NNE GRAYSLAKE [42.36, -88.04]				
	08/30/13 15:53 CST		0	Hail (1.00 in)
	08/30/13 15:55 CST		0	Source: Amateur Radio
Quarter size hail fell near the intersection of Lake Street and Washington Street.				
LAKE COUNTY --- 2.1 WSW GRANDWOOD PARK [42.39, -87.99], 2.6 NNW GAGES LAKE [42.38, -88.00]				
	08/30/13 15:56 CST		0	Thunderstorm Wind (EG 52 kt)
	08/30/13 15:56 CST		0	Source: Amateur Radio

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Winds were estimated to 60 mph by a trained spotter near Grand Avenue and Almond Road. Over 20 trees were blown down near Route 45 and Rollins Road.

BOONE COUNTY --- 3.4 ENE BLAINE [42.47, -88.74]

	08/30/13 15:59 CST		0	Thunderstorm Wind (EG 55 kt)
	08/30/13 15:59 CST		0	Source: Social Media

Limbs and large trees were blown down.

LAKE COUNTY --- 0.7 SSW WILDWOOD [42.32, -88.00]

	08/30/13 15:59 CST		0	Thunderstorm Wind (EG 65 kt)
	08/30/13 15:59 CST		0	Source: Amateur Radio

Multiple trees of 12 inches in diameter were blown down near the intersection of Route 45 and Casey Road.

LAKE COUNTY --- 2.5 ESE VENETIAN VLG [42.39, -88.00], 0.6 NNE GRAYSLAKE [42.36, -88.04]

	08/30/13 16:00 CST		5K	Thunderstorm Wind (EG 50 kt)
	08/30/13 16:05 CST		0	Source: Emergency Manager

An amateur radio operator measured 55 mph winds in Grayslake, however, locally higher winds were estimated from damage reports across the area. Numerous branches were blown down on the 600 block of Stuart Street. Multiple trees were blown down near the intersection of Route 132 and Route 45. A large tree fell onto a car.

MCHENRY COUNTY --- HARVARD [42.42, -88.62]

	08/30/13 16:00 CST		0	Hail (1.00 in)
	08/30/13 16:02 CST		0	Source: Trained Spotter

LAKE COUNTY --- 2.1 NW GAGES LAKE [42.37, -88.01]

	08/30/13 16:03 CST		0	Hail (0.75 in)
	08/30/13 16:04 CST		0	Source: Trained Spotter

LAKE COUNTY --- 1.7 NNE MUNDELEIN [42.29, -87.98], 0.2 SW MUNDELEIN [42.27, -88.00]

	08/30/13 16:05 CST		0	Thunderstorm Wind (EG 60 kt)
	08/30/13 16:05 CST		0	Source: Emergency Manager

Multiple trees at least 18 inches in diameter were blown down near the intersection of Hammond Street and Seymour Avenue. A 15-inch diameter tree was blown down on Lake Street just East of Butterfield Road.

MCHENRY COUNTY --- 5.5 WNW MARENGO [42.28, -88.70]

	08/30/13 16:29 CST		0	Hail (1.75 in)
	08/30/13 16:34 CST		0	Source: Social Media

MCHENRY COUNTY --- MARENGO [42.25, -88.60]

	08/30/13 16:42 CST		0	Hail (0.88 in)
	08/30/13 16:44 CST		0	Source: Trained Spotter

COOK COUNTY --- 0.5 W FOREST GLEN [41.97, -87.81]

	08/30/13 16:50 CST		0	Thunderstorm Wind (EG 52 kt)
	08/30/13 16:50 CST		0	Source: Public

Winds were estimated to around 60 mph with multiple tree branches blown down.

COOK COUNTY --- 1.2 NW SKOKIE [42.04, -87.74], 0.5 W EVANSTON [42.05, -87.69]

	08/30/13 16:50 CST		30K	Thunderstorm Wind (EG 61 kt)
	08/30/13 16:56 CST		0	Source: Trained Spotter

Multiple reports of estimated wind gusts to around 70 mph came in from Skokie and Evanston. Three large trees were blown onto homes in Skokie.

COOK COUNTY --- 1.8 SSW NILES [42.01, -87.81]

	08/30/13 17:00 CST		0	Thunderstorm Wind (EG 50 kt)
	08/30/13 17:00 CST		0	Source: Trained Spotter

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Tree limbs up to 8 inches in diameter were blown down across Edison Park. Multiple large tree limbs were split off from trees with some blocking roads and others falling onto power lines.

COOK COUNTY --- 0.9 NE EDISON PARK [42.01, -87.84]

	08/30/13 17:02 CST	0		Hail (1.00 in)
	08/30/13 17:04 CST	0		Source: Trained Spotter

COOK COUNTY --- 1.7 NE AVONDALE [41.99, -87.66]

	08/30/13 17:05 CST	0		Hail (0.75 in)
	08/30/13 17:06 CST	0		Source: Trained Spotter

Penny size hail was reported near the intersection of Sheridan Road and Hollywood Avenue.

BOONE COUNTY --- BELVIDERE [42.25, -88.85]

	08/30/13 17:08 CST	0		Hail (0.75 in)
	08/30/13 17:09 CST	0		Source: Public

COOK COUNTY --- 1.7 NNW CRAGIN JCT [41.95, -87.74], 1.8 ESE AVONDALE [41.96, -87.65]

	08/30/13 17:09 CST	0		Hail (1.00 in)
	08/30/13 17:16 CST	0		Source: Trained Spotter

Penny size hail was reported just northwest of Downtown while quarter size hail was reported at Montrose and Lake Shore Drive.

COOK COUNTY --- 1.7 NNW CRAGIN JCT [41.95, -87.74], 1.8 ESE AVONDALE [41.96, -87.65]

	08/30/13 17:09 CST	0		Thunderstorm Wind (EG 61 kt)
	08/30/13 17:16 CST	0		Source: Public

There were multiple reports of winds estimated between 60 and 70 mph in Chicago. Winds estimated to 60 mph near the intersection of Irving Park Road and North Kostner Avenue caused trees to be blown down. Large branches were blown down just northwest of Downtown where winds were estimated to 60 mph. Winds were estimated to 70 mph at Montrose and Lake Shore Drive.

LA SALLE COUNTY --- 3.5 S HARDING [41.47, -88.84]

	08/30/13 20:40 CST	0		Thunderstorm Wind (EG 55 kt)
	08/30/13 20:40 CST	0		Source: Public

Trees and crops were damaged near the intersection of Route 52 and Route 23.

LIVINGSTON COUNTY --- 2.3 W CAYUGA [40.92, -88.62]

	08/30/13 20:55 CST	0		Thunderstorm Wind (MG 53 kt)
	08/30/13 20:55 CST	0		Source: AWOS

During the evening of August 30th, a line of severe thunderstorms dropped south across the northeastern Illinois including the Chicago metro area producing damaging winds and large hail.

KANE COUNTY --- 1.7 ESE BATAVIA [41.84, -88.29]

	08/31/13 10:15 CST	0		Hail (0.88 in)
	08/31/13 10:17 CST	0		Source: Public

Penny to nickel size hail was reported near Pine Street and Raddant Road.

DE KALB COUNTY --- SANDWICH [41.65, -88.62], 1.2 SE SANDWICH [41.64, -88.60]

	08/31/13 10:22 CST	0		Hail (1.50 in)
	08/31/13 10:26 CST	0		Source: Trained Spotter

Quarter to ping pong ball size hail was reported for three to four minutes.

DU PAGE COUNTY --- 0.7 S BRANDYWINE [41.84, -87.95]

	08/31/13 10:32 CST	0		Hail (0.75 in)
	08/31/13 10:34 CST	0		Source: COOP Observer

A few strong to severe thunderstorms developed over northern Illinois during the late morning.

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INDIANA, Northwest

LAKE COUNTY --- 0.5 E CROWN PT [41.42, -87.36]

08/30/13 18:04 CST	0	Thunderstorm Wind (EG 50 kt)
08/30/13 18:04 CST	0	Source: Public

A large tree was blown down.

During the evening of August 30th, a line of severe thunderstorms dropped south across the northwestern Indiana producing damaging winds.

LAKE MICHIGAN

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

08/22/13 00:00 CST	0	Marine Thunderstorm Wind (MG 41 kt)
08/22/13 00:00 CST	0	Source: Buoy

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

08/22/13 00:00 CST	0	Marine Thunderstorm Wind (EG 39 kt)
08/22/13 00:15 CST	0	Source: C-MAN Station

Winds gusted in excess of 34 knots for 15 minutes, peaking at 39 knots.

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

08/22/13 00:00 CST	0	Marine Thunderstorm Wind (MG 41 kt)
08/22/13 00:15 CST	0	Source: C-MAN Station

Winds gusted in excess of 34 knots for 15 minutes, peaking at 41 knots.

An area of thunderstorms moved over Lake Michigan producing strong winds.

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

08/30/13 17:25 CST	0	Marine Thunderstorm Wind (MG 39 kt)
08/30/13 17:30 CST	0	Source: C-MAN Station

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

08/30/13 18:15 CST	0	Marine Thunderstorm Wind (MG 35 kt)
08/30/13 18:15 CST	0	Source: C-MAN Station

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

08/30/13 18:17 CST	0	Marine Thunderstorm Wind (MG 39 kt)
08/30/13 18:20 CST	0	Source: C-MAN Station

During the evening of August 30th, a line of thunderstorms dropped south across Lake Michigan producing strong winds.