

Storm Data and Unusual Weather Phenomena - September 2015

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
MCHEMRY COUNTY --- CRYSTAL LAKE [42.23, -88.33]				
	09/03/15 18:33 CST		0	Hail (0.88 in)
	09/03/15 18:33 CST		0	Source: Public
Isolated thunderstorms developed along a lake breeze during the late afternoon and evening hours across northern Illinois.				
IROQUOIS COUNTY --- 0.5 W LA HOGUE [40.77, -88.09], 3.8 W DANFORTH [40.82, -88.05]				
	09/04/15 17:09 CST		60K	Thunderstorm Wind (EG 63 kt)
	09/04/15 17:10 CST		0	Source: Trained Spotter
Two and a half foot diameter tree down on house. Numerous 6 to 8 inch limbs down. Sheet metal ripped off of steel pole building. 3 power lines down just south of 400E and 2200 N.				
Isolated to widely scattered thunderstorms moved across northeast Illinois and into northwest Indiana during the late afternoon and evening hours.				
OGLE COUNTY --- 1.0 SW FORRESTON [42.11, -89.59]				
	09/17/15 16:25 CST		0	Thunderstorm Wind (EG 40 kt)
	09/17/15 16:30 CST		20K	Source: Broadcast Media
Flattened corn on Townline Rd.				
WINNEBAGO COUNTY --- 3.0 WSW ROCKFORD [42.25, -89.13]				
	09/17/15 17:00 CST		10K	Thunderstorm Wind (EG 45 kt)
	09/17/15 17:00 CST		0	Source: Broadcast Media
Tree down on powerlines.				
Thunderstorms moved from west to east across northern Illinois during the late afternoon and into the evening hours producing gusty winds and wind damage.				
WILL COUNTY --- 3.4 NNE ANDRES [41.42, -87.86], 3.8 W MONEE [41.43, -87.81]				
	09/18/15 15:44 CST		70K	Tornado (EF1, L: 2.60 mi , W: 50 yd)
	09/18/15 15:53 CST		0	Source: Emergency Manager
A spotter was located near Green Garden Rd and Harlem and spotted the tornado looking southwest. Damage to a roof and wood swing set was reported at one home. Four to five homes suffered minor roof damage. Six tall trees were snapped and other trees were blown down, including 20 trees at a country club.				
COOK COUNTY --- 3.0 SW (MDW) CHICAGO MIDWAY AIRPORT [41.75, -87.79]				
	09/18/15 16:01 CST		0	Heavy Rain
	09/18/15 16:25 CST		0	Source: COOP Observer
COOP observer reported 0.85 inches of rain in 24 minutes.				
LA SALLE COUNTY --- 2.1 SE MENDOTA [41.53, -89.09]				
	09/18/15 16:45 CST		0	Heavy Rain
	09/18/15 18:15 CST		0	Source: CoCoRaHS
CoCoRaHS observer reported 2.10 inches in the past 90 minutes.				
COOK COUNTY --- 0.3 SW BRAINERD [41.73, -87.67], 0.3 SW BRAINERD [41.73, -87.67], 0.3 SW BRAINERD [41.73, -87.67], 0.3 SW BRAINERD [41.73, -87.67]				
	09/18/15 16:56 CST		10K	Flash Flood (due to Heavy Rain)
	09/18/15 16:56 CST		0	Source: Emergency Manager
Elderly woman rescued from stalled vehicle near 92nd and Hoyne Ave by Chicago Fire Department.				
KANE COUNTY --- 1.0 NE ELGIN [42.04, -88.27]				

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	09/18/15 17:44 CST		0	Heavy Rain
	09/18/15 18:04 CST		0	Source: CoCoRaHS

CoCoRaHS observer reported 1.01 inches of rain in 20 minutes. Since midnight 1.80 inches of rain had fallen.

LA SALLE COUNTY --- MENDOTA [41.55, -89.12], 2.0 SE MENDOTA [41.53, -89.09], 1.0 NNW (0C7) MENDOTA AIRPORT [41.53, -89.14], 0.5 W MENDOTA [41.55, -89.13]

09/18/15 18:10 CST	0	Flash Flood (due to Heavy Rain)
09/18/15 18:20 CST	0	Source: Law Enforcement

A portion of Rt. 251 was closed due to flooding following the heavy rainfall. Two miles southeast of Mendota 2.10 inches of rain fell in the past 90 minutes.

LAKE COUNTY --- 0.6 E KNOLLWOOD [42.28, -87.87], 0.6 E KNOLLWOOD [42.28, -87.87], 0.4 E KNOLLWOOD [42.28, -87.87], 0.5 E KNOLLWOOD [42.28, -87.87]

09/18/15 18:24 CST	0	Flash Flood (due to Heavy Rain)
09/18/15 18:54 CST	0	Source: Law Enforcement

Intersection of Rt. 41 and Rt. 176 flooded.

IROQUOIS COUNTY --- 3.0 SSW WELLINGTON [40.49, -87.69]

09/18/15 19:35 CST	0	Hail (0.75 in)
09/18/15 19:35 CST	0	Source: Emergency Manager

Vermillion County EMA also reported 55 mph winds.

WILL COUNTY --- 2.9 NE NORMANTOWN [41.68, -88.19], 2.6 ENE BOLINGBROOK [41.68, -88.08]

09/18/15 22:59 CST	30K	Thunderstorm Wind (EG 43 kt)
09/18/15 23:04 CST	0	Source: NWS Storm Survey

Couple of trees down, as well as large branches down.

DU PAGE COUNTY --- 0.4 NNE NAPERVILLE [41.79, -88.15], 0.1 ESE NAPERVILLE [41.78, -88.15], 0.1 SE NAPERVILLE [41.78, -88.15], 0.4 NNE NAPERVILLE [41.79, -88.15]

09/18/15 23:00 CST	20K	Flash Flood (due to Heavy Rain)
09/18/15 23:15 CST	0	Source: Emergency Manager

Torrential downpours with several inches of flowing water at the intersection of Ogden Ave and Washington St . Viaduct just south of intersection near Metra line was also flooded.

A low pressure system moved towards northern Illinois during the evening hours, causing thunderstorms to develop in the afternoon and evening hours across northern Illinois and northwest Indiana. A moist environment helped to produce heavy rainfall across portions of northern Illinois. A brief tornado occurred across the Frankfort-Monee area. As the storm moved over northwest Indiana hail and wind damage occurred.

INDIANA, Northwest

NEWTON COUNTY --- 1.4 S MAROCCO [40.93, -87.45]

09/04/15 15:47 CST	0	Hail (1.00 in)
09/04/15 15:47 CST	0	Source: Public

NEWTON COUNTY --- 0.7 S ENOS [41.01, -87.45]

09/04/15 16:17 CST	0	Hail (0.88 in)
09/04/15 16:19 CST	0	Source: Fire Department/Rescue

Hail persisted several minutes.

NEWTON COUNTY --- 0.7 S ENOS [41.01, -87.45]

09/04/15 16:23 CST	0	Hail (1.00 in)
09/04/15 16:23 CST	0	Source: Trained Spotter

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Isolated to widely scattered thunderstorms moved across northeast Illinois and into northwest Indiana during the late afternoon and evening hours.				
BENTON COUNTY --- 0.7 N SWANINGTON [40.59, -87.28]				
	09/18/15 21:00 EST		0	Hail (1.75 in)
	09/18/15 21:00 EST		0	Source: Emergency Manager

Large hail reported across southern parts of Benton County.

A low pressure system moved towards northern Illinois during the evening hours, causing thunderstorms to develop in the afternoon and evening hours across northern Illinois and northwest Indiana. A moist environment helped to produce heavy rainfall across portions of northern Illinois. A brief tornado occurred across the Frankfort-Monee area. As the storm moved over northwest Indiana hail and wind damage occurred.

LAKE MICHIGAN

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 1.0 W MICHIGAN CITY HARBOR [41.73, -86.93]				
	09/05/15 08:22 CST		0	Marine Thunderstorm Wind (MG 49 kt)
	09/05/15 08:48 CST		0	Source: C-MAN Station

BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- 3.7 NW MICHIGAN CITY HARBOR [41.76, -86.97]				
	09/05/15 08:30 CST		0	Marine Thunderstorm Wind (MG 43 kt)
	09/05/15 08:30 CST		0	Source: Buoy

Isolated thunderstorms moved across Lake Michigan during the morning hours producing wind gusts greater than 50 mph.

CALUMET HARBOR IL TO GARY IN COUNTY --- 2.2 WSW INDIANA HARBOR [41.71, -87.49]				
	09/12/15 05:30 CST		0	Waterspout
	09/12/15 05:30 CST		0	Source: Trained Spotter

Location approximated from shore based on report.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 2.1 SW HARRISON-DEVER CRIB [41.90, -87.60]				
	09/12/15 09:12 CST		0	Waterspout
	09/12/15 09:12 CST		0	Source: Trained Spotter

WILMETTE HARBOR TO MICHIGAN CITY IN 5NM OFFSHORE TO MID LAKE COUNTY --- 4.6 NE HARRISON-DEVER CRIB [41.97, -87.51]				
	09/12/15 09:32 CST		0	Waterspout
	09/12/15 09:32 CST		0	Source: Trained Spotter

Multiple waterspouts had been reported from the observer near this time.

WINTHROP HARBOR TO WILMETTE HARBOR IL 5NM OFFSHORE TO MID LAKE COUNTY --- 16.9 E WAUKEGAN HARBOR [42.37, -87.48]				
	09/12/15 09:40 CST		0	Waterspout
	09/12/15 10:00 CST		0	Source: Trained Spotter

Observer reported at least six funnels between 10:40 am and 11:00 am. Time and location estimated per radar.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.7 WNW NORTHERLY ISLAND [41.88, -87.61]				
	09/12/15 09:44 CST		0	Waterspout
	09/12/15 09:44 CST		0	Source: Social Media

Located approximately a mile off the Chicago shores.

WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.5 NNE MONTROSE HARBOR [42.05, -87.66]				
	09/12/15 10:13 CST		0	Waterspout
	09/12/15 10:13 CST		0	Source: Public

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WINTHROP HARBOR TO WILMETTE HARBOR IL 5NM OFFSHORE TO MID LAKE COUNTY --- 18.5 ENE WAUKEGAN HARBOR [42.42, -87.46]				
	09/12/15 10:15 CST		0	Waterspout
	09/12/15 10:15 CST		0	Source: Trained Spotter

Location approximated based on report and radar imagery at the time. Was observed from Beach State Park on the Lake County shore.

Waterspouts developed across southern Lake Michigan during the morning hours on the 12th.