

Storm Data and Unusual Weather Phenomena - October 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
KENDALL COUNTY --- 0.8 N NEWARK [41.54, -88.58], 1.0 N NEWARK [41.54, -88.58]				
	10/14/17 18:30 CST		5K	Thunderstorm Wind (EG 60 kt)
	10/14/17 18:31 CST		0	Source: Emergency Manager
Trees were blown down and utility poles were snapped along Chicago Road from near Coy Park Road to near Meadow Lane.				
KANE COUNTY --- 2.0 NW ST CHARLES [41.94, -88.35], 2.0 NE ST CHARLES [41.94, -88.29], 2.0 SE ST CHARLES [41.90, -88.29], 2.0 SW ST CHARLES [41.90, -88.35]				
	10/14/17 18:40 CST		0	Flood (due to Heavy Rain)
	10/14/17 23:00 CST		0	Source: Trained Spotter
Multiple roadways were reported flooded.				
LA SALLE COUNTY --- STREATOR [41.12, -88.83]				
	10/14/17 18:45 CST		0	Thunderstorm Wind (EG 50 kt)
	10/14/17 18:45 CST		0	Source: Law Enforcement
Utility lines were blown down.				
COOK COUNTY --- 0.9 E HOFFMAN ESTATES [42.05, -88.10], 1.5 N SCHAUMBURG [42.05, -88.09], 1.1 NNW SCHAUMBURG [42.05, -88.09], 0.9 ESE HOFFMAN ESTATES [42.05, -88.10]				
	10/14/17 18:55 CST		0	Flood (due to Heavy Rain)
	10/14/17 22:00 CST		0	Source: Trained Spotter
Water at least 3 inches deep covered multiple sections of roadway near Higgins and Golf Roads.				
LIVINGSTON COUNTY --- FAIRBURY [40.75, -88.52]				
	10/14/17 19:40 CST		2K	Thunderstorm Wind (EG 50 kt)
	10/14/17 19:40 CST		0	Source: Law Enforcement
Multiple large tree limbs and power lines were blown down.				
LAKE COUNTY --- 1.3 SSE QUENTINS CORNERS [42.15, -88.06], 1.5 SE QUENTINS CORNERS [42.15, -88.05], 1.6 SE QUENTINS CORNERS [42.15, -88.05], 1.4 SSE QUENTINS CORNERS [42.15, -88.06]				
	10/14/17 19:45 CST		0	Flood (due to Heavy Rain)
	10/14/17 23:00 CST		0	Source: Emergency Manager
One foot of standing water was reported on Lake Cook Road at Deer Park Boulevard.				
LAKE COUNTY --- 1.5 SW FOREST LAKE [42.25, -87.87], 1.8 SE FOREST LAKE [42.25, -87.82], 1.0 NNE SHERIDAN AAF [42.23, -87.81], 1.0 N WEST LAKE FOREST [42.23, -87.87]				
	10/14/17 19:45 CST		25K	Flash Flood (due to Heavy Rain)
	10/15/17 04:00 CST		0	Source: Fire Department/Rescue
At least 10 people were rescued from submerged vehicles on Route 41 near Deerpath Road and on Washington Circle. No injuries were reported. A few homes in the area were also reported flooded. Storm total rainfall of 4.54 inches was measured two miles north northeast of Lake Forest and 4.28 inches was measured one mile north of Lincolnshire.				
WILL COUNTY --- 2.1 E STEGER [41.47, -87.59], 2.5 E STEGER [41.47, -87.58], 2.5 E CRETE [41.46, -87.58], 2.1 ENE CRETE [41.46, -87.59]				
	10/14/17 20:15 CST		0	Flood (due to Heavy Rain)
	10/14/17 23:00 CST		0	Source: Amateur Radio
Five inches of water was reported covering the roadway near Edwards Drive and Ronald Road.				
COOK COUNTY --- 1.1 WSW DES PLAINES [42.02, -87.92], 2.0 SSE EVANSTON [42.02, -87.67], 2.4 ESE CLYBOURN [41.91, -87.63], 1.6 NNW (CGX)MEIGS FLD CHICA [41.89, -87.61], 2.2 S (CGX)MEIGS FLD CHICA [41.84, -87.61], 2.3 NW BRYN MAWR [41.80, -87.58], 1.2 S LA GRANGE HIGHLANDS [41.76, -87.92]				

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	10/14/17 21:00 CST		0	Flood (due to Heavy Rain)
	10/15/17 05:00 CST		0	Source: Emergency Manager

Numerous streets and viaducts were flooded in the City of Chicago.

COOK COUNTY --- 2.3 NW (CGX)MEIGS FLD CHICA [41.89, -87.64], 1.5 NNW (CGX)MEIGS FLD CHICA [41.89, -87.61], 1.4 NNW (CGX)MEIGS FLD CHICA [41.89, -87.61], 2.1 WNW (CGX)MEIGS FLD CHICA [41.89, -87.64]				
	10/14/17 21:15 CST		0	Flash Flood (due to Heavy Rain)
	10/15/17 04:00 CST		0	Source: Law Enforcement

The Chicago River overflowed its downtown banks to submerge most of the popular Chicago Riverwalk. Several entryways from Franklin Street east to Lake Michigan were taped off by police.

DE KALB COUNTY --- 0.8 W SOMONAUK [41.63, -88.70], 0.5 WNW SANDWICH ARPT [41.63, -88.66], 1.0 NNW SANDWICH ARPT [41.64, -88.66], 0.9 WNW SOMONAUK [41.64, -88.70]				
	10/14/17 21:30 CST		0	Flood (due to Heavy Rain)
	10/15/17 02:00 CST		0	Source: Trained Spotter

Two feet of water was reported on Route 34.

DU PAGE COUNTY --- 2.4 SW FRONTEAC [41.73, -88.26], 1.4 WSW WOODRIDGE [41.73, -88.06], 1.1 NNW THE MEADOWS [41.80, -88.06], 1.3 NW EOLA [41.80, -88.26]				
	10/14/17 21:30 CST		0	Flash Flood (due to Heavy Rain)
	10/15/17 02:00 CST		0	Source: Law Enforcement

Numerous roads throughout Naperville were flooded.

DU PAGE COUNTY --- 0.2 NNW FLOWERFIELD [41.87, -88.03], 0.3 NE FLOWERFIELD [41.87, -88.03], 0.7 SSW HIGHLAND HILLS [41.84, -88.02], 0.7 SSE BUTTERFIELD [41.84, -88.03]				
	10/14/17 22:00 CST		0	Flood (due to Heavy Rain)
	10/15/17 02:00 CST		0	Source: Public

A portion of northbound Finley Road had at least two feet of flood water.

Multiple rounds of thunderstorms moved across northern Illinois on October 14th producing very heavy rainfall and some flooding. Severe thunderstorms moved across northern Illinois during the late evening of October 14th. A swath of 4 to 8 inches of rain fell from northern LaSalle, northern Kendall, northern Will, southern De Kalb, southern Kane and Du Page Counties. River flooding was observed on portions of the Des Plaines and Du Page Rivers.

Chicago O'Hare Airport measured 4.19 inches of rain on October 14th, which was a new calendar day record for any day in October. Storm total rainfall amounts included 9.30 inches one mile east southeast of Burr Ridge; 8.16 inches in Lisle; 8.09 inches two miles northeast of Somonauk; 7.98 inches two miles east southeast of Naperville; 7.72 inches in Aurora; 7.43 inches one mile south southeast of Montgomery; 7.25 inches in Westmont; 7.10 inches one mile south of Downers Grove; 6.85 inches three miles south of Earlville; 6.44 inches in Mendota; 5.41 inches three miles southwest of Midway Airport; 5.34 inches in Batavia and 5.05 inches in Plainfield.

INDIANA, Northwest

LAKE COUNTY --- 1.5 SSW TRIANGLE ARPT [41.48, -87.49], 0.4 SSE LAKE HILLS [41.47, -87.45]				
	10/14/17 19:55 CST		10K	Thunderstorm Wind (EG 65 kt)
	10/14/17 19:57 CST		0	Source: Trained Spotter

A swath of wind damage occurred starting near 77th Avenue and St. John and ending nearing 85th and Austin Avenues. Numerous tree limbs and power lines were blown down and 77th Avenue was closed due to a power line on the road. Fences were blown down in the Eagle Ridge Subdivision. A metal flagpole was snapped near 77th Avenue and St. John.

LAKE COUNTY --- 0.2 ENE CALUMET CITY [41.62, -87.52], 0.9 S OGDEN DUNES [41.61, -87.25], 2.4 NE WINFIELD [41.43, -87.25], 0.3 SE KREITSBURG [41.43, -87.52]				
	10/14/17 20:00 CST		0	Flood (due to Heavy Rain)
	10/14/17 23:00 CST		0	Source: Amateur Radio

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Heavy rain caused flooding across portions of Lake County. Water was reported on Route 30 and Reed Road and at Joliet and Reed Roads in Schererville. The left lane of eastbound Interstate 80/94 in a construction zone was flooded with up to 9 inches of water near mile marker 3.5.

Multiple rounds of thunderstorms moved across portions of northwest Indiana on October 14th producing very heavy rainfall and some flooding. Severe thunderstorms moved across northwest Indiana during the late evening of October 14th.

LAKE MICHIGAN

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

10/07/17 15:00 CST	0	Marine Thunderstorm Wind (MG 42 kt)
10/07/17 15:00 CST	0	Source: C-MAN Station

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

10/07/17 15:40 CST	0	Marine Thunderstorm Wind (MG 36 kt)
10/07/17 15:40 CST	0	Source: Buoy

A line of convective showers moved across southern Lake Michigan during the late afternoon of October 7th producing winds above 34 knots.