

Storm Data and Unusual Weather Phenomena - February 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Northeast				
(IL-Z019) LA SALLE, (IL-Z032) LIVINGSTON, (IL-Z033) IROQUOIS				
	02/05/18 14:15 CST		0	Winter Storm
	02/06/18 00:00 CST		0	
<p>A narrow band of heavy snow fell across portions of central and east central Illinois during the afternoon and evening of February 5th. Storm total snowfall amounts included 8.0 inches in Cornell; 7.5 inches in Odell; 6.4 inches in Streator and 6.0 inches in Beaverville.</p>				
(IL-Z003) WINNEBAGO, (IL-Z004) BOONE, (IL-Z005) MCHENRY, (IL-Z006) LAKE, (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				
	02/08/18 16:15 CST		0	Winter Storm
	02/09/18 21:00 CST		0	
<p>Heavy snow fell across much of northern Illinois starting during the evening of February 8th and then continuing through the evening of February 9th. Storm total snowfall amounts included 12.0 inches 1.9 miles northeast of Somonauk; 11.9 inches 2.4 miles south southeast of Plainfield; 11.7 inches near Homer Glen; 11.0 inches near Alsip; 10.6 inches 1.6 miles west northwest of Oak Lawn; 10.4 inches 1.3 miles west of Mokena; 9.4 inches 1 mile southwest of Park Forest; 9.3 inches near Worth; 9.0 inches 1.9 miles southwest of Burr Ridge; 8.9 inches 2.5 miles west northwest of Bull Valley; 8.7 inches 2.6 inches east of Crete; 8.4 inches 1.1 miles northwest of Naperville; 8.0 inches 1.8 miles southeast of New Lenox; 7.6 inches 3.8 miles southwest of Woodstock; 7.5 inches 0.5 miles east northeast of Mazon; 7.1 inches 2 miles southeast of Elmhurst; 7.0 inches 0.7 miles west of Sleepy Hollow; 7.0 inches near LaSalle; 7.0 inches 2.5 miles northeast of Gurnee; 7.0 inches 5.5 miles south of Rockford; 6.5 inches 1.5 miles north of Buffalo Grove; 6.4 inches 1 mile west southwest of Crystal Lake; 6.3 inches 0.6 miles east southeast of Elk Grove Village; 6.2 inches 3 miles west northwest of Dixon and 6.0 inches 1.3 miles northwest of Ottawa.</p>				
GRUNDY COUNTY --- 2.1 WSW LANGHAM [41.29, -88.59], 2.3 WNW LANGHAM [41.32, -88.59], 2.2 SSE MINOOKA [41.42, -88.25], 2.9 NE EILEEN [41.33, -88.25]				
	02/19/18 12:00 CST		0	Flood (due to Heavy Rain)
	02/28/18 23:59 CST		0	Source: River/Stream Gage
<p>Major flooding occurred along the Illinois River. The river crested at 23.79 feet at Morris on February 22nd, which was the 5th highest stage recorded. Flood stage at Morris is 16 feet and major stage is 22 feet. Some water rescues and evacuations occurred on the morning of February 21st.</p>				
WILL COUNTY --- 0.6 W FAITHORN [41.42, -87.63], 0.4 WNW FAITHORN [41.42, -87.63], 1.1 SSW FAITHORN [41.41, -87.63], 1.1 SSW FAITHORN [41.41, -87.63]				
	02/19/18 23:30 CST		0	Flash Flood (due to Heavy Rain)
	02/20/18 06:00 CST		0	Source: Trained Spotter
<p>Route 1 between Crete Monee Road to the north and Elms Court to the south was flooded and impassible with flowing water estimated to be one foot deep. Storm total rainfall amounts included 4.37 inches 4 miles south southeast of Crete; 4.35 inches in Monee and 4.10 inches in Peotone.</p>				
IROQUOIS COUNTY --- 11.1 W CHEBANSE [41.00, -88.13], 6.8 NE HOOPER [41.01, -87.53], 3.9 SE GREER [40.49, -87.53], 3.4 SW LODA [40.49, -88.12]				
	02/20/18 00:00 CST		0	Flood (due to Heavy Rain)
	02/21/18 10:00 CST		0	Source: Law Enforcement
<p>Numerous roads in Iroquois County were flooded and several roads were closed. Storm total rainfall amounts included 5.20 inches 5 miles east of Ashkum and 4.35 inches 2 miles northwest of Watseka.</p>				
KANKAKEE COUNTY --- 2.0 SW KANKAKEE RIVER PK AR [41.20, -88.01], 3.7 NW DESELM [41.29, -88.01], 4.2 ENE PUDER [41.30, -87.53], 1.3 ESE LEESVILLE [41.01, -87.53], 5.5 SW BUCKINGHAM [41.00, -88.25], 3.6 WNW ESSEX [41.20, -88.24]				
	02/20/18 00:00 CST		1.10M	Flood (due to Heavy Rain)
	02/21/18 10:00 CST		0	Source: Law Enforcement
<p>Numerous roads in Kankakee County were flooded and several roads were closed. Storm total rainfall amounts included 5.73 inches in St. Anne and 3.39 inches in Kankakee. Approximately 110 homes throughout the county were affected by flood waters.</p>				
LA SALLE COUNTY --- 2.5 SE SENECA [41.29, -88.59], 1.6 ESE SENECA [41.32, -88.59], 0.4 NE OTTAWA [41.35, -88.85], 1.8 W PERU [41.33, -89.16], 2.7 SW PERU [41.30, -89.16]				
	02/20/18 00:00 CST		0	Flood (due to Heavy Rain)
	02/28/18 23:59 CST		0	Source: River/Stream Gage

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Major flooding occurred along the Illinois River. The river crested at 471.49 feet at Ottawa on February 22nd, which was the 3rd highest stage recorded. Flood stage at Ottawa is 463 feet and major stage is 469 feet. Moderate flooding occurred on the Illinois River near La Salle with a crest of 30.61 feet on February 23rd. Flood stage is 20 feet and major stage is 31 feet. The city of Marseilles issued a mandatory evacuation for residents south of the Illinois and Michigan Canal and east of Main Street. A nursing home near the Illinois River evacuated its 47 residents.				

WILL COUNTY --- 2.8 NW PEOTONE [41.36, -87.82], 2.2 NE PEOTONE [41.36, -87.76], 1.6 SE PEOTONE [41.31, -87.76], 2.3 WSW PEOTONE [41.31, -87.82]

02/20/18 00:00 CST	0	Flood (due to Heavy Rain)
02/20/18 18:00 CST	0	Source: Broadcast Media

A 52 year old woman drown inside a car that was found submerged in a flooded ditch.

IROQUOIS COUNTY --- 0.1 N WATSEKA [40.78, -87.73], 0.3 WNW MILFORD [40.65, -87.67], 2.7 N DAWSON PARK [40.66, -87.53], 2.2 S DAWSON PARK [40.59, -87.52], 1.8 NW GOODWINE [40.59, -87.79], 3.0 W WATSEKA [40.78, -87.79]

02/20/18 12:00 CST	0	Flood (due to Heavy Rain)
02/23/18 12:00 CST	0	Source: River/Stream Gage

Major flooding was recorded along Sugar Creek near Milford where the river crested at 28.52 feet on February 21st. This was the second highest stage recorded. Flood stage is 18 feet and major stage is 26 feet. Several buildings and homes were affected by the flood waters.

IROQUOIS COUNTY --- 4.3 NW PAPINEAU [41.01, -87.79], 2.0 S PITTWOOD [40.84, -87.73], 2.4 ENE IROQUOIS [40.84, -87.53], 1.3 N EFFNER [40.80, -87.53], 2.0 W COALER STATION [40.75, -87.77], 2.3 SSW L ERABLE [40.87, -87.86], 4.0 E CHEBANSE [41.00, -87.84]

02/20/18 12:00 CST	1.50M	Flood (due to Heavy Rain)
02/28/18 23:59 CST	0	Source: Emergency Manager

Major flooding occurred along the Iroquois River. The river crested at 26.06 feet at Iroquois on February 22nd, which was the second highest crest on record. Flood stage at Iroquois is 18 feet and major stage is 25 feet. The river crested at 20.59 feet at Chebanse on February 24th, which was also the second highest crest on record. Flood stage at Chebanse is 16 feet and major stage is 20 feet.

In the city of Watseka, over 100 homes suffered some kind of water damage from the flooding. Businesses and ground floor apartments were also flooded. Numerous roads were closed. Some residents had to be rescued by boats. The emergency manager said this flooding was likely the worst the city has seen.

LAKE COUNTY --- WAUKEGAN [42.37, -87.83]

02/20/18 13:04 CST	0	Thunderstorm Wind (EG 55 kt)
02/20/18 13:04 CST	0	Source: Broadcast Media

Trees were blown down.

OGLE COUNTY --- 1.8 NNW ROCHELLE [41.94, -89.09], 2.1 NE ROCHELLE [41.94, -89.04], 1.8 E ROCHELLE MUNI ARPT [41.90, -89.04], 0.4 WSW ROCHELLE MUNI ARPT [41.90, -89.09]

02/20/18 15:42 CST	0	Flood (due to Heavy Rain)
02/20/18 23:00 CST	0	Source: Trained Spotter

Several roads in Rochelle were closed due to flooding.

Very heavy rain fell across much of eastern Illinois on February 19th and February 20th which caused areal flooding across some areas and major flooding on some rivers.

INDIANA, Northwest

(IN-Z010) NEWTON, (IN-Z011) JASPER

02/05/18 16:00 CST	0	Winter Storm
02/06/18 01:00 CST	0	

A narrow band of heavy snow fell across parts of northwest Indiana during the late afternoon and evening of February 5th. Storm total snowfall amounts included 9.0 inches in Rensselaer; 6.3 inches 1.6 miles north northeast of Mt Ayr and 6.0 inches in Morocco.

(IN-Z001) LAKE, (IN-Z002) PORTER

02/08/18 18:45 CST	0	Winter Storm
02/09/18 21:00 CST	0	

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Heavy snow fell across far northwest Indiana starting during the evening of February 8th and then continuing through the evening of February 9th. Storm total snowfall amounts included 12.0 inches 4.8 miles east northeast of Gary; 10.3 inches 0.6 miles south of Porter; 9.9 inches 1.5 miles north northwest of Munster; 9.3 inches 1 mile west northwest of Dyer; 9.3 inches 1.1 miles north of Crown Point and 8.0 inches 5.5 miles south southwest of Valparaiso.

LAKE COUNTY --- 0.2 E ILLINOI [41.18, -87.53], 0.8 NNW SHELBY [41.21, -87.35], 3.3 E RANGE LINE [41.26, -87.22], 5.3 SE RANGE LINE [41.21, -87.22], 2.7 SSE SHELBY [41.16, -87.33], 2.4 S ILLINOI [41.15, -87.53]

02/19/18 12:00 CST		0	Flood (due to Heavy Rain)
02/28/18 23:59 CST		0	Source: River/Stream Gage

Record flooding occurred along the Kankakee River. The river crested at 13.3 feet at Shelby on February 23rd, which was the highest crest on record. Flood stage at Shelby is 9 feet and major stage is 12.5 feet.

JASPER COUNTY --- 5.4 NNE REMINGTON [40.84, -87.10], 3.4 SE REMINGTON [40.74, -87.10], 6.5 WSW REMINGTON [40.74, -87.27], 1.2 NNW FORREST CITY [41.22, -87.27], 5.7 NNE KERSEY [41.28, -87.12], 2.1 E TEFFT [41.21, -86.93], 4.6 E MC COYSBURG [40.91, -86.93], 1.7 ESE MC COYSBURG [40.91, -86.99]

02/20/18 00:00 CST		0.29M	Flood (due to Heavy Rain)
02/21/18 12:00 CST		0	Source: Emergency Manager

Many areas of Jasper County were flooded with some roads flooded and closed. Storm total rainfall amounts included 6.50 inches two miles south southeast of Wheatfield; 6.41 inches one mile north northwest of De Motte and 4.70 inches one mile north of Rensselaer.

LAKE COUNTY --- 2.2 NW WHITING [41.71, -87.52], 1.4 N (GYG)GARY MUNI ARPT [41.64, -87.42], 1.5 E GARY [41.62, -87.32], 1.4 E OGDEN DUNES [41.62, -87.22], 3.6 ESE RANGE LINE [41.24, -87.22], 3.5 ENE SHELBY [41.22, -87.29], 1.2 SSE SHELBY [41.18, -87.35], 1.0 S ILLINOI [41.17, -87.53]

02/20/18 00:00 CST		0	Flood (due to Heavy Rain)
02/21/18 12:00 CST		0	Source: Law Enforcement

Many areas of Lake County were flooded with some roads flooded and closed. In Lake Station, a voluntary evacuation order was issued as the Deep River overflowed its banks and began to flood nearby homes. Storm total rainfall of 4.44 inches of rain was measured one mile north of Crown Point.

NEWTON COUNTY --- 3.1 WNW LAKE VLG ARPT [41.16, -87.53], 0.8 SSW EFFNER [40.74, -87.52], 2.3 SSE GOODLAND [40.74, -87.27], 2.7 S MT AYR [40.91, -87.28], 3.8 NE THAYER [41.21, -87.28], 0.6 NNW THAYER [41.18, -87.33], 2.4 ESE SUMAVA RESORTS [41.16, -87.41]

02/20/18 00:00 CST		0	Flood (due to Heavy Rain)
02/21/18 12:00 CST		0	Source: Emergency Manager

Many areas of Newton County were flooded with some roads flooded and closed. A storm total rainfall of 6.11 inches was measured three miles east southeast of Conrad.

PORTER COUNTY --- 4.0 S CLANRICARDE [41.22, -86.97], 3.7 SSW KOUTS [41.27, -87.06], 2.2 SSW AYLESWORTH [41.29, -87.13], 5.3 SSW HEBRON [41.24, -87.22], 2.2 W OGDEN DUNES [41.62, -87.22], 1.1 NW TREMONT [41.66, -87.06], 1.1 NE TOWN OF PINES [41.71, -86.93], 3.5 SE CLANRICARDE [41.24, -86.93]

02/20/18 00:00 CST		3.55M	Flood (due to Heavy Rain)
02/21/18 12:00 CST		0	Source: Emergency Manager

Significant flooding occurred in Porter County which caused flood damage to approximately 190 homes. Flooding closed several roads and damaged public infrastructure, including roads, culverts, bridges, levees and stream and ditch banks. Storm total rainfall amounts included 4.50 inches in Portage and 4.20 inches in Valparaiso.

PORTER COUNTY --- 4.1 SSW HEBRON [41.26, -87.22], 1.7 SSW AYLESWORTH [41.30, -87.13], 3.1 SE CLANRICARDE [41.25, -86.93], 4.2 SSE CLANRICARDE [41.23, -86.93], 4.9 S CLANRICARDE [41.21, -86.97], 7.6 S HEBRON [41.21, -87.22]

02/20/18 09:00 CST		0.16M	Flood (due to Heavy Rain)
02/28/18 23:59 CST		0	Source: River/Stream Gage

Record flooding occurred along the Kankakee River. The river crested at 13.65 feet at Dunns Bridge on February 26th, which was the highest crest on record. Flood stage at Dunns Bridge is 10 feet and major stage is 13 feet. The river crested at 14.46 feet near Kouts on February 26th, which was the second highest crest on record. Flood stage near Kouts is 11 feet and major stage is 14 feet. The flooding damaged culverts and levees near the river.

JASPER COUNTY --- 1.3 E COLLEGEVILLE [40.92, -87.11], 7.5 SW RENSSELAER JASPER AR [40.86, -87.27], 5.6 SSW NORTH NEWTON [40.91, -87.27], 0.9 SE RENSSELAER JASPER AR [40.94, -87.17], 1.7 WSW AIX [41.02, -87.18], 1.3 ESE AIX [41.02, -87.13], 3.0 NNW PLEASANT RIDGE [40.97, -87.09]

02/20/18 12:00 CST		0	Flood (due to Heavy Rain)
02/28/18 23:59 CST		0	Source: River/Stream Gage

Storm Data and Unusual Weather Phenomena - February 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Record flooding occurred along the Iroquois River. The river crested at 17.05 feet at Rensselaer on February 23rd, which was the highest crest on record. Flood stage at Rensselaer is 12 feet and major stage is 15 feet.

NEWTON COUNTY --- 5.4 WSW ADE [40.84, -87.53], 3.4 N EFFNER [40.80, -87.53], 3.5 S BROOK [40.82, -87.38], 0.7 ESE FORESMAN [40.86, -87.27], 2.5 NNE FORESMAN [40.91, -87.27]

	02/20/18 12:00 CST	0	Flood (due to Heavy Rain)
	02/28/18 23:59 CST	0	Source: River/Stream Gage

Major flooding occurred along the Iroquois River. The river crested at 24.35 feet at Foresman on February 22nd, which was the third highest crest on record. Flood stage at Foresman is 18 feet and major stage is 24 feet.

Very heavy rain fell across northwest Indiana on February 19th and February 20th which caused areal flooding across some areas and major flooding on some rivers.

LAKE MICHIGAN

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

	02/20/18 13:16 CST	0	Marine Thunderstorm Wind (MG 41 kt)
	02/20/18 13:16 CST	0	Source: C-MAN Station

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

	02/20/18 15:00 CST	0	Marine Thunderstorm Wind (MG 64 kt)
	02/20/18 15:00 CST	0	Source: C-MAN Station

A strong cold front produced a narrow line of thunderstorms which moved across southern Lake Michigan during the afternoon of February 20th.