

## Storm Data and Unusual Weather Phenomena - September 2019

| Location  | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details                |
|---|--------------------|-------------------|---------------------|---------------------------------------|
| <b>ILLINOIS, Northeast</b>  |                    |                   |                     |                                       |
| <b>OGLE COUNTY --- 0.6 WSW BYRON [42.13, -89.26]</b>  |                    |                   |                     |                                       |
|   | 09/03/19 05:59 CST |                   | 0                   | Thunderstorm Wind (EG 50 kt)          |
|   | 09/03/19 05:59 CST |                   | 0                   | Source: Law Enforcement               |
| Power lines were blown down on 3rd Street.  |                    |                   |                     |                                       |
| <b>OGLE COUNTY --- 0.3 SW BYRON [42.13, -89.25], 0.2 S BYRON [42.13, -89.25], 0.3 S BYRON [42.13, -89.25], 0.3 S BYRON [42.13, -89.25], 0.4 SSW BYRON [42.13, -89.25]</b>   |                    |                   |                     |                                       |
|   | 09/03/19 06:15 CST |                   | 0                   | Flood (due to Heavy Rain)             |
|   | 09/03/19 09:00 CST |                   | 0                   | Source: Fire Department/Rescue        |
| Water one foot deep was reported underneath the railroad viaduct on Route 2 where a vehicle was stalled. Water over one foot deep was reported on 2nd Avenue.   |                    |                   |                     |                                       |
| <b>(IL-Z003) WINNEBAGO</b>  |                    |                   |                     |                                       |
|   | 09/03/19 06:31 CST |                   | 1K                  | Strong Wind (MAX 46 kt)               |
|   | 09/03/19 06:31 CST |                   | 0                   |                                       |
| <b>Scattered strong to severe thunderstorms moved across parts of northern Illinois during the morning of September 3rd. A wake low developed behind these thunderstorms producing strong winds that caused some wind damage.</b>   |                    |                   |                     |                                       |
| <b>LAKE COUNTY --- 0.7 SSE WAUKEGAN MEM ARPT [42.41, -87.86], 1.4 E BEACH [42.40, -87.80]</b>   |                    |                   |                     |                                       |
|   | 09/03/19 17:39 CST |                   | 0                   | Tornado (EF1, L: 3.10 mi , W: 200 yd) |
|   | 09/03/19 17:43 CST | 1                 | 0                   | Source: NWS Storm Survey              |
| A tornado touched down just west of Twyford Road and moved east southeast through parts of Waukegan. Damage from the tornado was minor to commercial buildings and residences, including windows blown out, minor roof damage, fence destruction and damage to a gas station canopy. A vehicle was flipped over just east of the intersection of York House Road and Lewis Avenue where one minor injury occurred. Numerous trees were blown down or suffered heavy branch damage. The tornado was at its widest and strongest in the latter half of its path. Estimated peak winds for this tornado were 90 mph. A one mile stretch between the last damage point and the Lake Michigan shore was unable to be surveyed due a nature area in the Illinois Beach Nature Preserve. A waterspout was reported just off shore and so by interpolation, the path for this tornado was continued to the Lake Michigan shore. |                    |                   |                     |                                       |
| <b>A thunderstorm moved across far northeast Illinois during the evening of September 3rd producing a tornado.</b>  |                    |                   |                     |                                       |
| <b>LAKE COUNTY --- 3.0 E ANTIOCH [42.47, -88.04]</b>  |                    |                   |                     |                                       |
|   | 09/11/19 20:31 CST |                   | 0                   | Thunderstorm Wind (EG 52 kt)          |
|   | 09/11/19 20:31 CST |                   | 0                   | Source: Public                        |
| Wind gusts were estimated to 60 mph.  |                    |                   |                     |                                       |
| <b>MCHENRY COUNTY --- 1.7 SE RIDGEFIELD [42.25, -88.35]</b>   |                    |                   |                     |                                       |
|   | 09/11/19 21:20 CST |                   | 0                   | Thunderstorm Wind (EG 52 kt)          |
|   | 09/11/19 21:20 CST |                   | 0                   | Source: Amateur Radio                 |
| Wind gusts were estimated to 60 mph.  |                    |                   |                     |                                       |
| <b>LAKE COUNTY --- 1.7 N GURNEE [42.39, -87.90], 1.6 N GURNEE [42.39, -87.90], 1.6 N GURNEE [42.39, -87.90], 1.5 N GURNEE [42.39, -87.90]</b>   |                    |                   |                     |                                       |
|   | 09/11/19 21:24 CST |                   | 0                   | Flash Flood (due to Heavy Rain)       |
|   | 09/12/19 04:45 CST |                   | 0                   | Source: Broadcast Media               |
| The intersection of Sunset Avenue and Delaney Road was flooded, impassable and closed.  |                    |                   |                     |                                       |
| <b>MCHENRY COUNTY --- 1.0 S MC HENRY [42.34, -88.27], 0.4 SSW MC HENRY [42.35, -88.27], 0.4 SW MC HENRY [42.35, -88.27], 1.0 SSW MC HENRY [42.34, -88.28]</b>   |                    |                   |                     |                                       |
|   | 09/12/19 01:19 CST |                   | 0                   | Flash Flood (due to Heavy Rain)       |
|   | 09/12/19 04:45 CST |                   | 0                   | Source: Law Enforcement               |
| Route 31 was flooded and closed between Lillian Street and Route 120.   |                    |                   |                     |                                       |

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| Location   | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details          |
|--|--------------------|-------------------|---------------------|---------------------------------|
| <b>LAKE COUNTY --- 0.5 E KNOLLWOOD [42.28, -87.87], 0.5 E KNOLLWOOD [42.28, -87.87], 0.5 E KNOLLWOOD [42.28, -87.87], 0.5 E KNOLLWOOD [42.28, -87.87]</b>  |                    |                   |                     |                                 |
|  | 09/12/19 02:00 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 09/12/19 04:45 CST |                   | 0                   | Source: Public                  |
| Route 41 under the Route 176 viaduct was impassable due to flooding.   |                    |                   |                     |                                 |
| <b>Scattered strong to severe thunderstorms moved across parts of northern Illinois during the evening of September 11th into the early morning of September 12th. These storms produced strong winds and heavy rain which caused localized flash flooding.</b>  |                    |                   |                     |                                 |
| <b>WINNEBAGO COUNTY --- 0.9 NW PERRYVILLE [42.24, -88.98]</b>  |                    |                   |                     |                                 |
|  | 09/12/19 19:00 CST |                   | 0                   | Heavy Rain                      |
|  | 09/13/19 06:35 CST |                   | 0                   | Source: Trained Spotter         |
| Measured rainfall of 3.90 inches was reported.   |                    |                   |                     |                                 |
| <b>LAKE COUNTY --- NORTH BARRINGTON [42.22, -88.13]</b>  |                    |                   |                     |                                 |
|  | 09/13/19 00:00 CST |                   | 0                   | Thunderstorm Wind (EG 55 kt)    |
|  | 09/13/19 00:00 CST |                   | 0                   | Source: Social Media            |
| A large tree was snapped near its base.  |                    |                   |                     |                                 |
| <b>WINNEBAGO COUNTY --- 1.9 ESE SAMUELSON CORNERS [42.29, -89.00], 2.3 E SAMUELSON CORNERS [42.30, -88.99], 2.3 E SAMUELSON CORNERS [42.30, -88.99], 2.3 E SAMUELSON CORNERS [42.29, -88.99], 1.9 ESE SAMUELSON CORNERS [42.29, -88.99]</b>  |                    |                   |                     |                                 |
|  | 09/13/19 00:00 CST |                   | 0                   | Flood (due to Heavy Rain)       |
|  | 09/13/19 18:00 CST |                   | 0                   | Source: Social Media            |
| Aldeen Golf Club was flooded near Keith Creek.   |                    |                   |                     |                                 |
| <b>BOONE COUNTY --- 1.7 SE HUNTER [42.41, -88.84], 2.4 ENE CAPRON [42.41, -88.71], 4.1 SSE CAPRON [42.35, -88.71], 1.5 SSW POPLAR GROVE [42.35, -88.84]</b>  |                    |                   |                     |                                 |
|  | 09/13/19 00:45 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 09/13/19 05:45 CST |                   | 0                   | Source: Law Enforcement         |
| Multiple roads were closed in and around the Poplar Grove and Capron areas due to high water. Route 173 was closed due to flooding of Beaver Creek. Rainfall of 4.03 inches was measured in Capron.  |                    |                   |                     |                                 |
| <b>MCHENRY COUNTY --- 2.0 NW HARVARD [42.44, -88.65], 2.0 SW HARVARD [42.40, -88.65], 2.0 SE HARVARD [42.40, -88.59], 2.0 NE HARVARD [42.44, -88.59]</b>   |                    |                   |                     |                                 |
|  | 09/13/19 01:40 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 09/13/19 05:45 CST |                   | 0                   | Source: Law Enforcement         |
| Multiple road closures and water over roadways were reported from the Harvard area.  |                    |                   |                     |                                 |
| <b>LAKE COUNTY --- 2.5 WNW CHANNEL LAKE [42.48, -88.20], 2.0 NNW BARRINGTON HILLS [42.15, -88.20], 0.7 SW HIGHLAND PARK [42.16, -87.78], 0.3 NW LAKE BLUFF [42.28, -87.83], 1.0 S WAUKEGAN [42.35, -87.83], 0.3 ESE WINTHROP HARBOR [42.48, -87.81]</b>  |                    |                   |                     |                                 |
|  | 09/13/19 02:30 CST |                   | 0                   | Flash Flood (due to Heavy Rain) |
|  | 09/13/19 05:45 CST |                   | 0                   | Source: Broadcast Media         |
| Flash flooding was reported in numerous areas in Lake County. Cars were stranded in high water at Route 41 and Kilbourne Road. Route 173 was closed between Delaney and Kilbourne Roads due to flooding. Route 60-Townline Road was closed between Route 21 and St. Mary's Road due to flooding. Numerous residential streets were closed in Highland Park due to flooding from the North Branch Chicago River. A large stretch of Route 41 was closed between Route 137 and Route 176 due to flooding. Trail Way was closed due to flooding from the Skokie River. Quentin Road was closed at Pheasant Ridge Drive due to flooding. Numerous roadways were flooded near Golf Road and New York Street. Frederick Road was closed due to flooding near Mill Creek. Route 137 was closed near Casey Road due to flooding. Two people were rescued from two flooded homes along Helmholz Avenue in Waukegan. |                    |                   |                     |                                 |
| Storm total rainfall amounts included 3.47 inches two miles north northeast of Lake Forest; 3.46 inches near Lake Zurich; 3.37 inches two miles east southeast of Libertyville; 3.27 inches one mile south of Highland; 3.26 inches one mile west of Lake Bluff; 3.13 inches two miles north of Buffalo Grove and 3.09 inches one mile south southwest of Winthrop Harbor.   |                    |                   |                     |                                 |
| <b>COOK COUNTY --- 0.2 NNW VALLEY [42.15, -87.82], 0.5 ENE VALLEY [42.15, -87.81], 1.2 NNW TECHNY [42.14, -87.80], 1.0 SSE VALLEY [42.14, -87.81]</b>  |                    |                   |                     |                                 |

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| Location | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details    |
|----------|--------------------|-------------------|---------------------|---------------------------|
|          | 09/13/19 03:00 CST |                   | 0                   | Flood (due to Heavy Rain) |
|          | 09/13/19 17:00 CST |                   | 0                   | Source: County Official   |

The North Branch Chicago River overflowed its banks, which caused flooding along Lake Cook Road. Dundee Road was closed at Lee Road.

| <b>BOONE COUNTY --- 2.2 SW CAPRON [42.38, -88.78], 2.3 SW CAPRON [42.37, -88.78], 2.2 SW CAPRON [42.38, -88.78], 2.1 SW CAPRON [42.38, -88.78]</b> |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 09/13/19 05:45 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 09/13/19 14:00 CST |  | 0 | Source: Broadcast Media   |

Route 173 was closed due to flooding of Beaver Creek.

| <b>LAKE COUNTY --- 2.5 WNW CHANNEL LAKE [42.48, -88.20], 2.0 NNW BARRINGTON HILLS [42.15, -88.20], 0.7 SW HIGHLAND PARK [42.16, -87.78], 0.3 NW LAKE BLUFF [42.28, -87.83], 1.0 S WAUKEGAN [42.35, -87.83], 0.3 ESE WINTHROP HARBOR [42.48, -87.81]</b> |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
|   | 09/13/19 05:45 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/14/19 08:00 CST |  | 0 | Source: Broadcast Media   |

After heavy rain and flash flooding during the morning of September 12th and again on the morning of September 13th, widespread flooding continued across much of Lake County into the morning of September 14th.

| <b>LAKE COUNTY --- 1.1 NNE RUSSELL [42.49, -87.91], 1.0 ESE ROSECRANS [42.47, -87.93], 1.5 SE ROSECRANS [42.45, -87.93], 1.2 SSE ROSECRANS [42.45, -87.94], 0.2 NNE ROSECRANS [42.47, -87.95], 1.2 NNW RUSSELL [42.49, -87.93]</b> |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
|  | 09/13/19 20:00 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 09/16/19 05:00 CST |  | 0 | Source: River/Stream Gage |

Major flooding occurred along portions of the Des Plaines River. The river crested at 10.48 feet near Russell on September 15th. Flood stage near Russell is 6.5 feet and major stage is 10 feet.

**Thunderstorms produced heavy rain across portions of northern Illinois which lead to widespread flooding and areas of flash flooding during the early morning hours of September 13th.**

| <b>LIVINGSTON COUNTY --- 2.2 WSW CAYUGA [40.92, -88.62]</b> |                    |  |   |              |
|---|--------------------|--|---|--------------|
|   | 09/27/19 11:55 CST |  | 0 | Heavy Rain   |
|   | 09/27/19 14:55 CST |  | 0 | Source: AWOS |

Rainfall of 3.02 inches was measured in three hours at the Pontiac Municipal Airport with 2.01 inches falling in one hour.

| <b>LIVINGSTON COUNTY --- 1.9 NNW PONTIAC [40.89, -88.64], 1.7 NNE PONTIAC [40.89, -88.61], 0.7 ENE PONTIAC [40.87, -88.61], 1.0 W PONTIAC [40.87, -88.64]</b> |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
|   | 09/27/19 13:25 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/27/19 15:30 CST |  | 0 | Source: 911 Call Center   |

A few roadways were barricaded due to standing water in Pontiac.

| <b>LIVINGSTON COUNTY --- 2.6 NNE ROWE [40.96, -88.65], 2.9 NE ROWE [40.96, -88.64], 2.5 NE ROWE [40.96, -88.64], 2.2 NNE ROWE [40.96, -88.65]</b> |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
|   | 09/27/19 14:00 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/27/19 15:30 CST |  | 0 | Source: 911 Call Center   |

Route 23 was flooded at 2300 N.

| <b>LIVINGSTON COUNTY --- 1.0 E LONG PT [41.00, -88.86]</b> |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 09/27/19 14:05 CST |  | 0 | Hail (1.00 in) |
|  | 09/27/19 14:06 CST |  | 0 | Source: Public |

| <b>LIVINGSTON COUNTY --- 1.0 NE BLACKSTONE [41.09, -88.67]</b> |                    |  |   |                |
|--|--------------------|--|---|----------------|
|  | 09/27/19 14:17 CST |  | 0 | Hail (0.88 in) |
|  | 09/27/19 14:17 CST |  | 0 | Source: Public |

| <b>WILL COUNTY --- 3.6 SE RITCHIE [41.21, -88.05]</b> |                    |  |   |                              |
|---|--------------------|--|---|------------------------------|
|   | 09/27/19 15:15 CST |  | 0 | Thunderstorm Wind (EG 50 kt) |
|   | 09/27/19 15:15 CST |  | 0 | Source: Public               |

Two large tree limbs were blown down.

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| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details          |
|---|--------------------|----------------------|------------------------|---------------------------------|
| <b>LA SALLE COUNTY --- 0.2 N SENECA [41.32, -88.62], 1.1 ENE SENECA [41.33, -88.60], 1.1 ESE SENECA [41.31, -88.60], 0.8 S SENECA [41.31, -88.62]</b>   |                    |                      |                        |                                 |
|   | 09/27/19 17:00 CST |                      | 0                      | Flash Flood (due to Heavy Rain) |
|   | 09/28/19 00:30 CST |                      | 0                      | Source: Social Media            |
| Video showed swiftly moving water with debris near Route 6 and Main Street in Seneca.   |                    |                      |                        |                                 |
| <b>WILL COUNTY --- 2.1 SE LORENZO [41.33, -88.19]</b>   |                    |                      |                        |                                 |
|   | 09/27/19 17:14 CST |                      | 0                      | Hail (1.25 in)                  |
|   | 09/27/19 17:16 CST |                      | 0                      | Source: Public                  |
| <b>WILL COUNTY --- MANHATTAN [41.42, -87.98]</b>  |                    |                      |                        |                                 |
|   | 09/27/19 17:29 CST |                      | 0                      | Hail (0.75 in)                  |
|   | 09/27/19 17:29 CST |                      | 0                      | Source: Public                  |
| <b>KANKAKEE COUNTY --- MANTENO [41.25, -87.83]</b>  |                    |                      |                        |                                 |
|   | 09/27/19 17:30 CST |                      | 0                      | Thunderstorm Wind (EG 50 kt)    |
|   | 09/27/19 17:30 CST |                      | 0                      | Source: Trained Spotter         |
| Several tents were blown down, including one 60 feet by 120 feet. Tree limbs six inches in diameter were also blown down.   |                    |                      |                        |                                 |
| <b>WILL COUNTY --- PEOTONE [41.33, -87.78]</b>  |                    |                      |                        |                                 |
|   | 09/27/19 17:45 CST |                      | 0                      | Hail (0.75 in)                  |
|   | 09/27/19 17:45 CST |                      | 0                      | Source: CoCoRaHS                |
| <b>KANKAKEE COUNTY --- 1.7 NNW GRANT PARK [41.25, -87.66]</b>   |                    |                      |                        |                                 |
|   | 09/27/19 18:02 CST |                      | 0                      | Hail (2.50 in)                  |
|   | 09/27/19 18:04 CST |                      | 0                      | Source: Amateur Radio           |
| Tennis ball size hail was reported on 11000 E just north of 9000 N.   |                    |                      |                        |                                 |
| <b>KANKAKEE COUNTY --- 4.0 ENE GRANT PARK [41.25, -87.58]</b>   |                    |                      |                        |                                 |
|   | 09/27/19 18:10 CST |                      | 0                      | Thunderstorm Wind (EG 50 kt)    |
|   | 09/27/19 18:10 CST |                      | 0                      | Source: Public                  |
| Two utility poles and a large diameter tree were blown down.  |                    |                      |                        |                                 |
| <b>KANE COUNTY --- 3.0 SE KANEVILLE [41.80, -88.48]</b>   |                    |                      |                        |                                 |
|   | 09/27/19 19:00 CST |                      | 0                      | Hail (1.00 in)                  |
|   | 09/27/19 19:01 CST |                      | 0                      | Source: Trained Spotter         |
| <b>WILL COUNTY --- 0.6 S BRUNNING [41.64, -88.03], 1.3 NE GOODINGS GROVE [41.64, -87.91], 0.8 NE MARLEY [41.56, -87.91], 1.6 SSW TINLEY PARK [41.56, -87.79], 2.1 SSE FRANKLIN SQUARE [41.47, -87.79], 5.4 E STEGER [41.47, -87.53], 5.1 SSE EAGLE LAKE [41.30, -87.53], 3.2 SE SYMERTON [41.29, -88.01]</b>  |                    |                      |                        |                                 |
|   | 09/27/19 19:00 CST |                      | 0                      | Flash Flood (due to Heavy Rain) |
|   | 09/28/19 00:45 CST |                      | 0                      | Source: Trained Spotter         |
| Flash flooding occurred in many areas of central and eastern Will County. A water rescue occurred near Kennedy Road and Route 52 near the Will and Kankakee County line. Numerous streets were flooded in Peotone with six inches or more of flowing water on portions of West Corning Avenue. An observer in Peotone measured 1.25 inches of rain in 21 minutes. Route 50 was closed between Peotone and Monee. Wilmington-Peotone Road was closed in Peotone. Near New Lenox, a car was submerged in flood waters near Cedar and Laraway. A sink hole developed on Gougar Road, which was closed between Ellis and Spencer. Delaney Road was closed at Cedar Road. Another sink hole developed on Tulley Road between Kennedy Road and County Line Road in Wilton Township. Numerous streets, backyards and basements were flooded in Frankfort. Storm total rainfall amounts included 7.87 inches in Peotone; 6.52 inches in Manhattan; 6.08 inches three miles east northeast of Beecher; 5.93 inches two miles southeast of Manhattan; 5.27 inches three miles east northeast of New Lenox; 5.13 inches one mile west of Mokena and 4.33 inches three miles east of Crete. |                    |                      |                        |                                 |
| <b>GRUNDY COUNTY --- 1.1 NW NETTLECREEK [41.46, -88.60], 1.2 NNE MINOOKA [41.47, -88.26], 4.0 SSE EAST BROOKLYN [41.12, -88.24], 4.9 S KINSMAN [41.11, -88.59]</b>  |                    |                      |                        |                                 |
|   | 09/27/19 19:30 CST |                      | 0                      | Flash Flood (due to Heavy Rain) |
|   | 09/28/19 00:30 CST |                      | 0                      | Source: Trained Spotter         |

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| Location  | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
| Flash flooding occurred in many areas of Grundy County. Northeast of Morris, Hansel Road was closed between Ridge Road and McLindon Road. Numerous streets were flooded in Morris. Street flooding was reported near Carbon Hill. Storm total rainfall amounts included 7.96 inches four miles north northwest of Coal City and 7.96 inches three miles north of Carbon Hill; 7.53 inches six miles east southeast of Morris; 6.52 inches three miles north of Coal City; 6.51 inches in Morris; 6.20 inches in Coal City; 5.71 inches in Minooka and 4.75 inches near Mazon. |           |                   |                     |                        |

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**KENDALL COUNTY --- 2.4 N MILLINGTON [41.60, -88.60], 4.7 ESE OSWEGO [41.65, -88.27], 6.2 E WHITE WILLOW [41.46, -88.26], 4.1 S NEWARK ARPT [41.46, -88.60]**

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 09/27/19 19:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 09/28/19 00:30 CST | 0 | Source: Law Enforcement         |

Flash flooding occurred in many areas of central and southern Kendall County. Interstate 80 was closed due to flooding near Minooka. Storm total rainfall amounts included 5.25 inches five miles southwest of Plainfield and 3.12 inches five miles south southeast of Oswego.

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**LA SALLE COUNTY --- 1.3 W MENDOTA ARPT [41.52, -89.15], 3.7 ESE LAKE HOLIDAY [41.60, -88.60], 5.1 ESE RANSOM [41.11, -88.59], 2.1 NNW EAST WENONA [41.11, -89.07], 2.4 S PRISCILLA [41.12, -89.16]**

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 09/27/19 19:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 09/28/19 00:30 CST | 0 | Source: Law Enforcement         |

Flash flooding occurred in many areas in La Salle County. Significant flooding occurred in Seneca with mud from flood waters left in much of the city. Basement flooding was also reported in Seneca. North 3450th Road near the Fox River was completely washed out near Wedron. Tractors were submerged in flood waters on Route 23 in Ottawa. A creek was out of its banks near Pitstick Pavilion on Route 23, north of Ottawa. Marquettes Gould Stadium was under water. An access road for Dockside Bar & Grill was flooded in Ottawa. Storm total rainfall amounts included 8.44 inches in Streator; 7.61 inches one mile north northeast of Seneca; 5.94 inches six miles north of Utica; 5.55 inches at the Marseilles Lock & Dam; 4.40 inches in Ottawa and 4.13 inches one mile east northeast of Peru.

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**WILL COUNTY --- 0.4 NNW TAMARACK [41.65, -88.25], 1.1 N BRUNNING [41.67, -88.03], 4.7 ESE RITCHIE [41.23, -88.01], 2.0 S GODLEY [41.20, -88.24]**

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 09/27/19 19:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 09/28/19 00:45 CST | 0 | Source: Trained Spotter         |

Flash flooding occurred in many areas in western Will County. In Romeoville, Weber Road was closed between Renwick and Airport Roads and Route 53 was closed between Renwick and Taylor Roads. In Joliet, Theodore Street and Larkin Avenue was flooded. Street flooding was reported near Onedia Street and Hammes Avenue. In Crest Hill, Theodore Street at Gaylord Road was closed with 1 to 2 feet of flowing water. Cars were submerged in flood waters near Caton Farm and County Line Roads. Storm total rainfall amounts included 8.03 inches two miles south southeast of Channahon; 7.00 inches six miles northwest of Wilmington; 6.34 inches five miles northeast of Elwood; 5.55 inches one mile northeast of Channahon; 4.99 inches on the north side of Joliet; 4.90 inches one mile southeast of Lockport; 4.84 inches in Romeoville; 4.31 inches three miles east southeast of Plainfield and 4.04 inches two miles northwest of Homer Glen.

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**COOK COUNTY --- 1.5 WSW LEMONT [41.67, -88.03], 3.5 NE CLABURN [41.71, -87.52], 2.9 ESE SAUK VLG [41.47, -87.53], 3.6 W PARK FOREST SOUTH [41.47, -87.79], 1.0 SW KIMBERLY HGTS [41.56, -87.79], 4.3 WSW FERNWAY [41.56, -87.91], 2.4 WNW ORLAND PARK [41.64, -87.91], 2.4 SW LEMONT [41.64, -88.03]**

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 09/27/19 20:00 CST | 0 | Flash Flood (due to Heavy Rain) |
| 09/28/19 00:45 CST | 0 | Source: Trained Spotter         |

Flash flooding occurred in many areas in southern Cook County. Volmer Road was flooded and closed between Kedzie and Western near Olympia Fields. Cars were submerged in a Metra Station parking lot near Flossmoor. All lanes of Interstate 57 were flooded in an underpass near Matteson. Storm total rainfall amounts included 6.75 inches in Park Forest; 6.73 inches one mile southwest of Country Club Hills; 6.36 inches one mile east southeast of Flossmoor; 5.91 inches in Flossmoor; 5.65 inches one mile north northeast of Park Forest; 4.72 inches in Lansing and 4.63 inches in Homewood.

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**KANKAKEE COUNTY --- 0.9 ENE MANTENO [41.26, -87.81], 0.2 S MANTENO [41.25, -87.83], 0.6 ESE MANTENO [41.25, -87.82], 1.4 ENE MANTENO [41.26, -87.80]**

|                    |   |                                 |
|--------------------|---|---------------------------------|
| 09/27/19 20:30 CST | 0 | Flash Flood (due to Heavy Rain) |
| 09/28/19 00:45 CST | 0 | Source: Trained Spotter         |

One foot of flowing water was reported at 9000 N and Sycamore Road due to flooding from the South Branch Rock Creek.

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**KANKAKEE COUNTY --- 1.1 ENE KANKAKEE RIVER PK AR [41.23, -87.96], 0.7 NE KANKAKEE RIVER PK AR [41.23, -87.97], 0.3 NE KANKAKEE RIVER PK AR [41.22, -87.98], 0.2 ENE KANKAKEE RIVER PK AR [41.22, -87.98], 0.4 E KANKAKEE RIVER PK AR [41.22, -87.97]**

|                    |   |                           |
|--------------------|---|---------------------------|
| 09/27/19 20:30 CST | 0 | Flood (due to Heavy Rain) |
| 09/28/19 17:00 CST | 0 | Source: Public            |

Rock Creek was out of its banks and flooded trails at the Kankakee Sportsmen Club.

## Storm Data and Unusual Weather Phenomena - September 2019

| Location   | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details    |
|--|--------------------|----------------------|------------------------|---------------------------|
| <b>GRUNDY COUNTY --- 1.1 NW NETTLECREEK [41.46, -88.60], 1.2 NNE MINOOKA [41.47, -88.26], 4.0 SSE EAST BROOKLYN [41.12, -88.24], 4.9 S KINSMAN [41.11, -88.59]</b> |                    |                      |                        |                           |
|  | 09/28/19 00:30 CST |                      | 0                      | Flood (due to Heavy Rain) |
|  | 09/29/19 12:00 CST |                      | 0                      | Source: Trained Spotter   |

After flash flooding during the evening of September 27th, flood waters continued to slowly recede through the morning of September 29th.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>KENDALL COUNTY --- 2.4 N MILLINGTON [41.60, -88.60], 4.7 ESE OSWEGO [41.65, -88.27], 6.2 E WHITE WILLOW [41.46, -88.26], 4.1 S NEWARK ARPT [41.46, -88.60]</b> |                    |  |   |                           |
|   | 09/28/19 00:30 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/29/19 12:00 CST |  | 0 | Source: Trained Spotter   |

After flash flooding during the evening of September 27th, flood waters continued to slowly recede through the morning of September 29th.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>LA SALLE COUNTY --- 1.3 W MENDOTA ARPT [41.52, -89.15], 3.7 ESE LAKE HOLIDAY [41.60, -88.60], 5.1 ESE RANSOM [41.11, -88.59], 2.1 NNW EAST WENONA [41.11, -89.07], 2.4 S PRISCILLA [41.12, -89.16]</b> |                    |  |   |                           |
|   | 09/28/19 00:30 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/29/19 12:00 CST |  | 0 | Source: Trained Spotter   |

After flash flooding during the evening of September 27th, flood waters continued to slowly recede through the morning of September 29th.

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>KANKAKEE COUNTY --- 0.9 ENE MANTENO [41.26, -87.81], 0.2 S MANTENO [41.25, -87.83], 0.6 ESE MANTENO [41.25, -87.82], 1.4 ENE MANTENO [41.26, -87.80]</b> |                    |  |   |                           |
|   | 09/28/19 00:45 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/28/19 17:00 CST |  | 0 | Source: Trained Spotter   |

Flooding from the South Branch Rock Creek continued at 9000 N and Sycamore Road on September 28th.

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
| <b>WILL COUNTY --- 0.4 NNW TAMARACK [41.65, -88.25], 1.1 N BRUNNING [41.67, -88.03], 4.7 ESE RITCHIE [41.23, -88.01], 2.0 S GODLEY [41.20, -88.24]</b> |                    |  |   |                           |
|  | 09/28/19 00:45 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 09/29/19 12:00 CST |  | 0 | Source: Trained Spotter   |

After flash flooding during the evening of September 27th, flood waters continued to slowly recede through the morning of September 29th.

|  |                    |  |   |                           |
|--|--------------------|--|---|---------------------------|
| <b>WILL COUNTY --- 0.6 S BRUNNING [41.64, -88.03], 1.4 NE GOODINGS GROVE [41.64, -87.91], 0.8 NE MARLEY [41.56, -87.91], 1.6 SSW TINLEY PARK [41.56, -87.79], 2.1 SSE FRANKLIN SQUARE [41.47, -87.79], 5.4 E STEGER [41.47, -87.53], 5.1 SSE EAGLE LAKE [41.30, -87.53], 3.2 SE SYMERTON [41.29, -88.01]</b> |                    |  |   |                           |
|  | 09/28/19 00:45 CST |  | 0 | Flood (due to Heavy Rain) |
|  | 09/29/19 12:00 CST |  | 0 | Source: Emergency Manager |

After flash flooding during the evening of September 27th, flood waters continued to slowly recede through the morning of September 29th.

**Several rounds of thunderstorms moved across northeast Illinois during the afternoon and evening of September 27th producing torrential rain and widespread flash flooding. Some of the thunderstorms also produced large hail and some wind damage.**

### INDIANA, Northwest

|   |                    |  |   |                           |
|---|--------------------|--|---|---------------------------|
| <b>LAKE COUNTY --- 2.2 SSW (GYG)GARY MUNI ARPT [41.59, -87.43], 2.2 SSW (GYG)GARY MUNI ARPT [41.59, -87.43], 2.4 SSW (GYG)GARY MUNI ARPT [41.59, -87.43], 2.4 SSW (GYG)GARY MUNI ARPT [41.59, -87.43]</b> |                    |  |   |                           |
|   | 09/27/19 19:00 CST |  | 0 | Flood (due to Heavy Rain) |
|   | 09/28/19 00:00 CST |  | 0 | Source: Public            |

Flood waters six inches deep were reported near 169th Street and Cline Avenue. Storm total rainfall of 3.43 inches was measured one mile south southwest of Hammond.

|  |                    |  |   |                                 |
|--|--------------------|--|---|---------------------------------|
| <b>LAKE COUNTY --- 1.0 SW CROWN PT [41.41, -87.38], 0.7 S CROWN PT [41.41, -87.37], 1.1 S CROWN PT [41.40, -87.37], 1.3 SSW CROWN PT [41.40, -87.38]</b> |                    |  |   |                                 |
|  | 09/27/19 19:10 CST |  | 0 | Flash Flood (due to Heavy Rain) |
|  | 09/28/19 00:45 CST |  | 0 | Source: Trained Spotter         |

## Storm Data and Unusual Weather Phenomena - September 2019

| Location  | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|-----------|-------------------|---------------------|------------------------|
| Flood waters several feet deep were reported near Lake Street and Greenwood Avenue. Part of a residential street and sidewalk were washed out near a retention pond. Storm total rainfall of 5.44 inches was measured in Crown Point. |           |                   |                     |                        |
| <b>Several rounds of thunderstorms moved across northwest Indiana during the afternoon and evening of September 27th producing torrential rain and flooding.</b>  |           |                   |                     |                        |

### LAKE MICHIGAN

| WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 3.0 N WAUKEGAN HARBOR [42.40, -87.80], 4.5 ENE WAUKEGAN HARBOR [42.39, -87.73] | Date/Time          | Deaths & Injuries | Property & Crop Dmg | Event Type and Details  |
|---|--------------------|-------------------|---------------------|-------------------------|
|   | 09/03/19 17:43 CST |                   | 0                   | Waterspout              |
|   | 09/03/19 17:47 CST |                   | 0                   | Source: Trained Spotter |

A tornado touched down southeast of the Waukegan Airport (UGN) and moved southeast through the Illinois Beach Nature Preserve. This tornado then became a waterspout as it moved off the Lake Michigan shore.

**A thunderstorm moved across parts of southern Lake Michigan producing at least one waterspout.**