

Storm Data and Unusual Weather Phenomena - March 2024

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|---|--------------------|-------------------|---------------------|---------------------------|
| ILLINOIS, Northeast | | | | |
| (IL-Z021) GRUNDY | | | | |
| | 03/03/24 14:00 CST | | 0 | High Wind (MAX 50 kt) |
| | 03/03/24 14:00 CST | | 0 | |
| High winds blew down a large tree onto power lines on the corner of Route 6 and McLindon Road near Minooka, sparking a wildfire. | | | | |
| LEE COUNTY --- 2.1 NNW DIXON [41.87, -89.49] | | | | |
| | 03/04/24 16:48 CST | | 0 | Hail (1.00 in) |
| | 03/04/24 16:49 CST | | 0 | Source: Trained Spotter |
| Quarter size hail was reported on the north side of Dixon. | | | | |
| OGLE COUNTY --- 0.7 N GRAND DETOUR [41.91, -89.41] | | | | |
| | 03/04/24 16:48 CST | | 0 | Hail (1.00 in) |
| | 03/04/24 16:49 CST | | 0 | Source: Social Media |
| A photo shared on social media showed quarter size hail near Grand Detour. | | | | |
| DE KALB COUNTY --- 3.3 WSW KIRKLAND [42.07, -88.91] | | | | |
| | 03/04/24 18:03 CST | | 0 | Hail (1.00 in) |
| | 03/04/24 18:04 CST | | 0 | Source: Public |
| Quarter size hail was reported southwest of Kirkland. Some melting occurred prior to the observation. | | | | |
| COOK COUNTY --- LA GRANGE [41.80, -87.87] | | | | |
| | 03/04/24 21:23 CST | | 0 | Hail (1.00 in) |
| | 03/04/24 21:24 CST | | 0 | Source: Trained Spotter |
| Scattered thunderstorms moved across parts of northern Illinois during the afternoon and evening of March 4th producing large hail. | | | | |
| WILL COUNTY --- 3.0 WNW JOLIET [41.55, -88.14], 3.0 WSW JOLIET [41.51, -88.14], 3.0 ESE JOLIET [41.51, -88.04], 3.0 ENE JOLIET [41.55, -88.04] | | | | |
| | 03/14/24 05:30 CST | | 0 | Flood (due to Heavy Rain) |
| | 03/14/24 09:00 CST | | 0 | Source: Social Media |
| Multiple public reports of minor street flooding in the Joliet area were received via social media. | | | | |
| COOK COUNTY --- 0.7 NW ENGLEWOOD [41.78, -87.65], 0.6 NW GREATER GRAND CROSSING [41.78, -87.63], 0.7 NNW GRAND CROSSING [41.77, -87.61], 0.3 W GRAND CROSSING [41.76, -87.61], 0.7 SSW GREATER GRAND CROSSING [41.76, -87.62], 0.5 W ENGLEWOOD [41.77, -87.65] | | | | |
| | 03/14/24 06:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 03/14/24 09:00 CST | | 0 | Source: Social Media |
| Multiple public reports of minor street flooding in the Englewood and Greater Grand Crossing neighborhoods of Chicago were received via social media. | | | | |
| COOK COUNTY --- 1.4 WSW OAK FOREST [41.59, -87.77], 1.3 ESE OAK FOREST [41.59, -87.73], 0.6 SW POSEN [41.62, -87.69], 0.5 ENE CALUMET PARK [41.66, -87.65], 1.3 SSW MERRIONETTE PARK [41.66, -87.71] | | | | |
| | 03/14/24 06:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 03/14/24 09:00 CST | | 0 | Source: Social Media |
| Multiple public reports of minor street flooding in the Oak Forest, Midlothian and Blue Island areas were received via social media. Natalie Creek quickly rose to near flood stage in Midlothian. | | | | |
| COOK COUNTY --- 2.4 S BURR RIDGE [41.72, -87.90], 2.5 S BURR RIDGE [41.71, -87.90], 2.3 SW WILLOW SPRINGS [41.72, -87.89], 2.2 SW WILLOW SPRINGS [41.72, -87.89] | | | | |
| | 03/14/24 06:00 CST | | 0 | Flood (due to Heavy Rain) |
| | 03/14/24 09:00 CST | | 0 | Source: NWS Employee |
| Several inches of standing water was reported on Archer Avenue near 95th Street southwest of Willow Springs. | | | | |

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| WILL COUNTY --- 2.0 NW HOMER GLEN [41.62, -87.97], 2.0 NE HOMER GLEN [41.62, -87.91], 2.0 SE HOMER GLEN [41.58, -87.91], 2.0 SW HOMER GLEN [41.58, -87.97] | | | | |
| | 03/14/24 06:00 CST | 0 | | Flood (due to Heavy Rain) |
| | 03/14/24 09:00 CST | 0 | | Source: Public |
| Minor street and field flooding was reported in the Homer Glen area. | | | | |
| Periods of heavy rain fell across portions of northern Illinois during the morning of March 14th producing localized flooding. Storm total rainfall amounts included 1.83 inches two miles southwest of Mokena; 1.69 inches near Oak Forest; 1.65 inches three miles east of New Lenox; 1.65 inches near Homewood; 1.39 inches near Midlothian; 1.38 inches near Homer Glen and 1.37 inches in Joliet. | | | | |
| (IL-Z012) KANE | | | | |
| | 03/16/24 15:19 CST | 0 | | High Wind (MAX 51 kt) |
| | 03/16/24 15:19 CST | 0 | | |
| High winds developed across northern Illinois during the afternoon of March 16th. A wind gust to 59 mph was measured at the Sugar Grove Airport (ARR). | | | | |
| (IL-Z003) WINNEBAGO, (IL-Z004) BOONE, (IL-Z005) MCHENRY, (IL-Z006) LAKE, (IL-Z008) OGLE | | | | |
| | 03/22/24 03:00 CST | 0 | | Winter Storm |
| | 03/22/24 15:30 CST | 0 | | |
| Heavy snow began during the early morning of March 22nd and continued through mid afternoon across far northern Illinois producing a swath of 6 to 9 inches of snow. Some of the highest snow totals included 9.1 inches three miles northwest of Cherry Valley; 9.0 inches one mile east southeast of Rockford; 8.6 inches one mile southwest of Timberlane; 8.5 inches in Machesney Park; 8.0 inches two miles west of Rockford; 7.2 inches three miles west northwest of Bull Valley; 7.0 inches in Lake Villa; 6.5 inches in Woodstock; 6.5 inches in Roscoe and 6.1 inches in Capron. Rockford Airport measured 5.6 inches. | | | | |
| COOK COUNTY --- 0.8 NE LAKEVIEW [41.95, -87.65] | | | | |
| | 03/26/24 10:35 CST | 0 | | Thunderstorm Wind (EG 50 kt) |
| | 03/26/24 10:35 CST | 0 | | Source: Broadcast Media |
| A light pole was blown down onto Broadway Street at Addison Street. | | | | |
| COOK COUNTY --- 1.0 E UPTOWN [41.97, -87.63] | | | | |
| | 03/26/24 10:37 CST | 0 | | Thunderstorm Wind (MG 50 kt) |
| | 03/26/24 10:37 CST | 0 | | Source: Mesonet |
| A wind gust to 58 mph was measured at the Montrose Harbor Light. | | | | |
| Scattered thunderstorms moved across parts of northern Illinois during the late morning of March 26th producing isolated wind damage. | | | | |
| LAKE MICHIGAN | | | | |
| WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 0.8 NE MONTROSE HARBOR [41.97, -87.63] | | | | |
| | 03/26/24 10:37 CST | 0 | | Marine Thunderstorm Wind (MG 50 kt) |
| | 03/26/24 10:37 CST | 0 | | Source: Mesonet |
| A wind gust to 50 knots was measured at the Montrose Harbor Light. | | | | |
| WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57] | | | | |
| | 03/26/24 10:38 CST | 0 | | Marine Thunderstorm Wind (MG 64 kt) |
| | 03/26/24 10:40 CST | 0 | | Source: C-MAN Station |
| BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY HARBOR [41.72, -86.92] | | | | |
| | 03/26/24 11:00 CST | 0 | | Marine Thunderstorm Wind (MG 54 kt) |
| | 03/26/24 11:04 CST | 0 | | Source: C-MAN Station |

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| WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- HARRISON-DEVER CRIB [41.92, -87.57] | 03/26/24 19:04 CST | | 0 | Marine High Wind (MG 51 kt) |
| | 03/26/24 19:04 CST | | 0 | Source: C-MAN Station |

Scattered thunderstorms moved across southern Lake Michigan during the late morning and early afternoon of March 26th. High winds then developed during the afternoon and continued into the evening across southern Lake Michigan.