

Storm Data and Unusual Weather Phenomena - September 2011

| Location | Date/Time | Deaths & Injuries | Property & Crop Dmg | Event Type and Details |
|--|--------------------|----------------------|------------------------|------------------------------|
| ILLINOIS, Northeast | | | | |
| LA SALLE COUNTY --- PERU [41.33, -89.13] | | | | |
| | 09/03/11 13:00 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 09/03/11 13:00 CST | 0 | | Source: COOP Observer |
| Wind gusts were estimated to 60 mph. | | | | |
| GRUNDY COUNTY --- MORRIS [41.37, -88.42] | | | | |
| | 09/03/11 13:12 CST | 0 | | Thunderstorm Wind (EG 50 kt) |
| | 09/03/11 13:12 CST | 0 | | Source: Trained Spotter |
| A tree 24 inches in diameter was blown down onto a garage. Several tree limbs up to 6 inches in diameter were also blown down. | | | | |
| LA SALLE COUNTY --- 1.5 NNW PERU [41.35, -89.14] | | | | |
| | 09/03/11 13:15 CST | 0 | | Thunderstorm Wind (MG 50 kt) |
| | 09/03/11 13:15 CST | 0 | | Source: AWOS |
| LA SALLE COUNTY --- LA SALLE [41.33, -89.10] | | | | |
| | 09/03/11 13:15 CST | 0 | | Hail (0.88 in) |
| | 09/03/11 13:15 CST | 0 | | Source: Trained Spotter |
| LA SALLE COUNTY --- LA SALLE [41.33, -89.10] | | | | |
| | 09/03/11 13:15 CST | 0 | | Thunderstorm Wind (EG 52 kt) |
| | 09/03/11 13:15 CST | 0 | | Source: Trained Spotter |
| Wind gusts were estimated to 60 mph. | | | | |
| WILL COUNTY --- 0.6 W GOODINGS GROVE [41.63, -87.94] | | | | |
| | 09/03/11 13:20 CST | 0 | | Hail (1.75 in) |
| | 09/03/11 13:20 CST | 0 | | Source: Trained Spotter |
| Golf ball size hail was reported near the intersection for 143rd and Golden Oak Streets. | | | | |
| LA SALLE COUNTY --- 1.3 WSW OTTAWA ARPT [41.36, -88.87], 0.8 WSW NAPLATE [41.33, -88.81] | | | | |
| | 09/03/11 13:29 CST | 0 | | Hail (1.00 in) |
| | 09/03/11 13:36 CST | 0 | | Source: Trained Spotter |
| Penny to quarter size hail was reported in many areas around Ottawa including quarter size hail near Interstate 80 and Route 23. | | | | |
| WILL COUNTY --- ELWOOD [41.40, -88.12] | | | | |
| | 09/03/11 13:39 CST | 0 | | Hail (0.88 in) |
| | 09/03/11 13:41 CST | 0 | | Source: Trained Spotter |
| WILL COUNTY --- 2.4 WNW BLODGETT [41.39, -88.24] | | | | |
| | 09/03/11 13:40 CST | 0 | | Hail (1.25 in) |
| | 09/03/11 13:41 CST | 0 | | Source: NWS Employee |
| Half dollar size hail was reported in McKinley Woods Forest Preserve. | | | | |
| COOK COUNTY --- 0.8 ESE LAMBERT [41.67, -87.82] | | | | |
| | 09/03/11 13:43 CST | 0 | | Hail (1.00 in) |
| | 09/03/11 13:44 CST | 0 | | Source: Trained Spotter |
| Quarter size hail was reported near Southwest Highway and Route 83. | | | | |
| COOK COUNTY --- WORTH [41.68, -87.80] | | | | |
| | 09/03/11 13:47 CST | 0 | | Hail (1.00 in) |
| | 09/03/11 13:48 CST | 0 | | Source: Trained Spotter |

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|--|--------------------|--|---|------------------------------|
| COOK COUNTY --- WORTH [41.68, -87.80] | | | | |
| | 09/03/11 13:48 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 09/03/11 13:48 CST | | 0 | Source: Trained Spotter |
| Wind gusts were estimated to 60 mph. Small tree limbs were blown down. | | | | |

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| COOK COUNTY --- CHICAGO RIDGE [41.70, -87.78] | | | | |
| | 09/03/11 13:50 CST | | 0 | Thunderstorm Wind (MG 54 kt) |
| | 09/03/11 13:50 CST | | 0 | Source: Public |
| A wind gust to 62 mph was measured in Chicago Ridge and five inch diameter tree limbs were blown down. | | | | |

Strong to severe thunderstorms moved across parts of northern Illinois during the afternoon of September 3rd.

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| WINNEBAGO COUNTY --- 0.9 SW EAST ROCKFORD [42.24, -89.08], 2.6 WNW PERRYVILLE [42.24, -89.02], 2.6 WSW PERRYVILLE [42.22, -89.02], 0.1 NNW CAMP GRANT [42.22, -89.08] | | | | |
| | 09/26/11 10:24 CST | | 0 | Flood (due to Heavy Rain) |
| | 09/26/11 14:00 CST | | 0 | Source: Broadcast Media |

Flowing water was reported up to curbs along parts of Harrison Avenue. Flooding was reported at the intersection of Sandy Hollow and Alpine Roads. Flooding was also reported along 11th Street between Sandy Hollow Road and Harrison Avenue.

Heavy rain fell across northern Illinois which caused flooding in some areas.

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| (IL-Z003) WINNEBAGO, (IL-Z022) WILL | | | | |
| | 09/29/11 16:15 CST | | 0 | High Wind (MAX 52 kt) |
| | 09/29/11 18:12 CST | | 0 | |

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| (IL-Z012) KANE | | | | |
| | 09/29/11 17:28 CST | | 1K | Strong Wind (MAX 45 kt) |
| | 09/29/11 17:29 CST | | 0 | |

A line of showers moved across parts of northern Illinois during the afternoon and early evening hours of September 29th and mixed down stronger winds from aloft which blew down tree limbs and blew around light-weight objects. Wind gusts were estimated as high as 60 mph in some locations.

INDIANA, Northwest

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| LAKE COUNTY --- MERRILLVILLE [41.48, -87.33], CROWN PT [41.42, -87.37] | | | | |
| | 09/03/11 14:44 CST | | 1K | Thunderstorm Wind (EG 52 kt) |
| | 09/03/11 14:46 CST | | 0 | Source: Newspaper |
| Tree limbs and power lines were blown down in many areas from Merrillville to Crown Point. | | | | |

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| PORTER COUNTY --- 0.4 NW DUNE ACRES [41.65, -87.09] | | | | |
| | 09/03/11 15:17 CST | | 0 | Thunderstorm Wind (EG 52 kt) |
| | 09/03/11 15:17 CST | | 0 | Source: Park/Forest Service |
| One large tree was blown down at the Indiana Dunes State Park. Four other trees were partially blown into other trees. | | | | |

Strong to severe thunderstorms moved across parts of northwest Indiana during the afternoon of September 3rd.

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| (IN-Z002) PORTER | | | | |
| | 09/29/11 22:03 CST | | 0.50K | Strong Wind (MAX 48 kt) |
| | 09/29/11 22:04 CST | | 0 | |

A line of showers moved across parts of northwest Indiana during the evening hours of September 29th and mixed down stronger winds from aloft which blew down tree limbs and blew around light-weight objects.

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| LAKE COUNTY --- DYER [41.50, -87.53] | | | | |
| | 09/30/11 17:15 CST | | 0 | Hail (0.75 in) |
| | 09/30/11 17:16 CST | | 0 | Source: Trained Spotter |

Strong thunderstorms produced small hail across parts of northwest Indiana.

LAKE MICHIGAN

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|--|--------------------|--|---|-------------------------------------|
| CALUMET HARBOR IL TO GARY IN COUNTY --- GARY HARBOR [41.64, -87.41] | | | | |
| | 09/03/11 14:23 CST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 09/03/11 14:23 CST | | 0 | Source: AWOS |

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| BURNS HARBOR TO MICHIGAN CITY IN COUNTY --- MICHIGAN CITY [41.73, -86.91] | | | | |
| | 09/03/11 15:25 CST | | 0 | Marine Thunderstorm Wind (MG 34 kt) |
| | 09/03/11 15:25 CST | | 0 | Source: C-MAN Station |

Strong thunderstorms moved across parts of southern Lake Michigan during the afternoon of September 3rd.

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| WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 3.3 E WINTHROP HARBOR [42.48, -87.76] | | | | |
| | 09/24/11 06:13 CST | | 0 | Waterspout |
| | 09/24/11 06:13 CST | | 0 | Source: Trained Spotter |

A waterspout was reported approximately 3 to 5 miles offshore of the Illinois Beach State Park and lasted about 20 seconds.

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| WINTHROP HARBOR TO WILMETTE HARBOR IL COUNTY --- 3.4 E WINTHROP HARBOR [42.48, -87.75], 3.5 E WINTHROP HARBOR [42.48, -87.75] | | | | |
| | 09/24/11 06:14 CST | | 0 | Waterspout |
| | 09/24/11 06:17 CST | | 0 | Source: Storm Chaser |

A waterspout was photographed from the Illinois Beach State Park and was estimated to be 3 to 5 miles offshore and lasted approximately 3 minutes.

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| WINTHROP HARBOR TO WILMETTE HARBOR IL 5NM OFFSHORE TO MID LAKE COUNTY --- 10.4 N WILMETTE HARBOR [42.22, -87.68] | | | | |
| | 09/24/11 09:10 CST | | 0 | Waterspout |
| | 09/24/11 09:11 CST | | 0 | Source: Public |

A waterspout was reported approximately 10 miles southeast of the Great Lakes Naval Station.

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| NORTHERLY ISLAND TO CALUMET HARBOR IL COUNTY --- 5.2 SE BURNHAM HARBOR [41.81, -87.52] | | | | |
| | 09/24/11 09:20 CST | | 0 | Waterspout |
| | 09/24/11 09:21 CST | | 0 | Source: Trained Spotter |

A waterspout was reported 3 to 4 miles east from the shore near 47th Street.

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| WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 1.7 NE BURNHAM HARBOR [41.89, -87.56], 1.6 ENE BURNHAM HARBOR [41.88, -87.55] | | | | |
| | 09/24/11 09:25 CST | | 0 | Waterspout |
| | 09/24/11 09:30 CST | | 0 | Source: Broadcast Media |

Multiple sources confirmed a waterspout approximately 3 miles east of Chicago. The waterspout lasted about 5 minutes.

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| WILMETTE HARBOR TO NORTHERLY ISLAND IL COUNTY --- 2.0 SW HARRISON-DEVER CRIB [41.90, -87.60] | | | | |
| | 09/24/11 10:25 CST | | 0 | Waterspout |
| | 09/24/11 10:26 CST | | 0 | Source: Public |

A waterspout was reported just north of Navy Pier.

Atmospheric conditions became favorable for non-thunderstorm waterspouts during the early morning hours of September 24th, as very cold air aloft interacted with a convergence boundary along the Illinois shore of Lake Michigan. Several waterspouts were spotted during the morning hours after sunrise.