

Storm Data and Unusual Weather Phenomena - December 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Central				
SCHUYLER COUNTY --- HUNTSVILLE [40.18, -90.87]				
	12/01/18 14:50 CST		0	Lightning
	12/01/18 14:51 CST	1	0	Source: Emergency Manager
A lightning strike injured a person in Huntsville in Schuyler County.				
SCHUYLER COUNTY --- 0.6 SSW BROOKLYN [40.22, -90.77], 0.8 NNE BROOKLYN [40.24, -90.77]				
	12/01/18 15:00 CST		12K	Tornado (EF1, L: 1.40 mi , W: 100 yd)
	12/01/18 15:02 CST		0	Source: NWS Storm Survey
A tornado touched down about 0.4 miles southwest of Brooklyn at 3:00 PM CST , then tracked north-northeastward and dissipated 1.1 miles north of Brooklyn at 3:02 PM CST. Only minor damage was reported during its brief time on the ground.				
MORGAN COUNTY --- 3.2 ENE MEREDOSIA [39.86, -90.52], 4.9 NE MEREDOSIA [39.88, -90.50]				
	12/01/18 15:01 CST		0	Tornado (EF0, L: 1.71 mi , W: 50 yd)
	12/01/18 15:03 CST		0	Source: NWS Storm Survey
A tornado touched down in a field 2.5 miles northeast of Meredosia at 3:01 PM CST. The tornado crossed U.S. Highway 67 before dissipating near the Cass-Morgan County line at 3:03 PM CST. No damage was reported.				
CASS COUNTY --- 3.6 W HAGENER [39.91, -90.47], 3.2 W HAGENER [39.92, -90.46]				
	12/01/18 15:09 CST		35K	Tornado (EF0, L: 0.64 mi , W: 50 yd)
	12/01/18 15:10 CST		0	Source: NWS Storm Survey
A tornado touched down 5.9 miles west-northwest of Arenzville at 3:09 PM CST, then tracked northeastward and dissipated 5.8 miles northwest of Arenzville at 3:10 PM CST. The tornado damaged a few outbuildings and a large water container during its brief time on the ground.				
CASS COUNTY --- 1.5 SSE BEARDSTOWN [40.00, -90.42], 3.5 NE BEARDSTOWN [40.05, -90.38]				
	12/01/18 15:25 CST		0.20M	Tornado (EF1, L: 4.23 mi , W: 200 yd)
	12/01/18 15:33 CST		0	Source: NWS Storm Survey
A tornado touched down 1.1 miles southeast of Beardstown at 3:25 PM CST. The tornado damaged some power poles near the railroad tracks east of the nursing home south of Beardstown, then tracked northeastward, causing tree damage as it crossed IL Route 125. The tornado damaged the Water Treatment Plant, including 3 of the 4 wells that serve the city, and knocked down numerous trees as it passed just east of Roy Roberts Park. It also knocked the windows out of several vehicles in the parking lot of the Park. The tornado continued moving to the northeast across Chandlerville Rd, causing an elongated area of tree damage along Duck Slough Rd before dissipating in a field east of Phelps Ditch Rd about 3.9 miles northeast of Beardstown at 3:33 PM CST.				
MASON COUNTY --- 4.5 W SNICARTE [40.12, -90.32], 3.7 WNW SNICARTE [40.14, -90.30]				
	12/01/18 15:44 CST		0	Tornado (EF0, L: 1.67 mi , W: 25 yd)
	12/01/18 15:46 CST		0	Source: NWS Storm Survey
A tornado touched down 4.5 miles west of Snicarte in the vicinity of Chain Lake in extreme southwest Mason County at 3:44 PM CST. The tornado tracked northeastward near the lake before dissipating 3.5 miles west-northwest of Snicarte at 3:46 PM CST. No damage was reported.				
SCHUYLER COUNTY --- 1.9 SW BLUFF CITY [40.16, -90.26], 0.3 N BLUFF CITY [40.18, -90.23]				
	12/01/18 15:51 CST		0.26M	Tornado (EF1, L: 2.13 mi , W: 200 yd)
	12/01/18 15:55 CST		0	Source: NWS Storm Survey
A tornado touched down in an open field 1.9 miles southwest of Bluff City at 3:51 PM CST. The tornado tracked northeastward and damaged a couple of outbuildings before knocking a home off its foundation and doing tree damage in Bluff City along Highway 100. It then crossed from Schuyler County into far southern Fulton County at 3:55 PM CST.				
FULTON COUNTY --- 3.5 SSW MARBLETOWN [40.18, -90.23], 1.3 NW SEPO [40.37, -90.13]				
	12/01/18 15:55 CST		0.35M	Tornado (EF1, L: 13.48 mi , W: 450 yd)
	12/01/18 16:18 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - December 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>This tornado crossed from Schuyler County into far southern Fulton County about 6.9 miles southeast of Astoria at 3:55 PM CST. The tornado progressed northeastward doing extensive tree damage as it nearly paralleled Highway 100. Additional tree damage and minor roof damage occurred near the intersection of Highway 100 and US-136. The tornado then tracked nearly due northward through rural areas doing tree damage before hitting some homes along North Waterford Road, producing mainly roof and siding damage, along with snapping and uprooting many trees. The hardest hit areas from this tornado were along East County Highway 9 southeast of Lewistown, where more extensive home damage occurred, along with very large trees getting snapped or uprooted. A winery suffered extensive damage to several buildings and numerous trees and power lines were downed. The tornado dissipated in a field east of East Township Line Road and County Highway 9 about 2.3 miles southeast of Lewistown at 4:18 PM CST.</p>				
FULTON COUNTY --- LEWISTOWN [40.40, -90.15]				
	12/01/18 16:04 CST		0	Hail (1.00 in)
	12/01/18 16:09 CST		0	Source: Emergency Manager
FULTON COUNTY --- 2.0 NNE MAPLES MILL [40.45, -90.01], 1.5 SSE RAWALTS [40.53, -89.97]				
	12/01/18 16:45 CST		20K	Tornado (EF0, L: 5.54 mi , W: 25 yd)
	12/01/18 16:56 CST		0	Source: NWS Storm Survey
<p>A tornado touched down in a field about 3.4 miles southeast of St. David at 4:45 PM CST. The tornado tracked north-northeastward damaging numerous trees along its path before dissipating 3.6 miles southeast of Canton at 4:56 PM CST.</p>				
CHRISTIAN COUNTY --- 3.9 E HARVEL [39.35, -89.46], 3.2 SE MORRISONVILLE [39.39, -89.43]				
	12/01/18 16:48 CST		0.14M	Tornado (EF0, L: 3.05 mi , W: 200 yd)
	12/01/18 16:54 CST		0	Source: NWS Storm Survey
<p>This tornado touched down in the National Weather Service St. Louis County Warning Area (CWA) just south of the Montgomery/Christian County line near the intersection of East 000 Road and North 400 Road at 4:48 PM CST. It quickly crossed into Christian County, damaging an outbuilding by knocking out a wall and pushing it off its foundation. It then proceeded to the northeast, doing roof and wall damage to more outbuildings, as well as some tree damage, before dissipating in an open field about 2.9 miles south-southeast of Morrisonville at 4:54 PM CST.</p>				
MASON COUNTY --- 1.2 S POPLAR CITY [40.23, -89.93], 1.6 ESE FOREST CITY [40.36, -89.79]				
	12/01/18 16:53 CST		65K	Tornado (EF1, L: 11.68 mi , W: 250 yd)
	12/01/18 17:17 CST		0	Source: NWS Storm Survey
<p>A tornado touched down near the intersection of 1200N and 2250E about 4.9 miles west of Easton at 4:53 PM CST. The tornado uprooted some large trees, then progressed to the NE, causing damage to power poles and tipping over many irrigation systems before it dissipated near the intersection of 2100N and 3000E about 1.9 miles east-southeast of Forest City at 5:17 PM CST.</p>				
CHRISTIAN COUNTY --- 2.8 SSE PALMER [39.41, -89.39], 2.0 N TAYLORVILLE [39.58, -89.30]				
	12/01/18 17:01 CST		0.12B	Tornado (EF3, L: 12.49 mi , W: 900 yd)
	12/01/18 17:25 CST	22	0	Source: NWS Storm Survey
<p>A tornado touched down about 3.2 miles east-southeast of Morrisonville at 5:01 PM CST. It hit a farmstead, destroying 3 barns and severely damaging 4 other out buildings. The tornado was rated EF2 at this location with maximum wind speeds of 112 mph. The tornado continued moving northeastward, hitting several other outbuildings and snapping trees. The tree and outbuilding damage was classified as EF1 damage with wind speeds of 100-110mph. As the tornado continued to the northeast it snapped more large trees and then hit a log home, removing 25-50% of the roof material. It also snapped many other trees on this property and destroyed a couple of small outbuildings, throwing the debris northward into a field. The tornado was rated EF2 at this location with wind speeds of 115mph. The tornado continued northeastward and moved into a wooded area, snapping and uprooting hundreds of trees along its path. It then curved north-northeastward and moved into Hewittville, a small community on the southern edge of Taylorville. Here the tornado destroyed or severely damaged multiple houses. The first house the tornado hit lost most exterior walls and the entire roof, except for the roof over the attached garage, which was on the north side of the house. It also destroyed a second garage on the property and then completely destroyed a mobile home across the street. The tornado was rated EF3 with wind speeds around 150mph at this location. The tornado continued north-northeastward, destroying a barn, pushing an unanchored home off its foundation and completely destroying another mobile home. This mobile home was partially anchored by wood posts set in slots on a concrete foundation over a basement and crawl space. The resident of this home was badly injured and was found unconscious, trapped under debris in the crawl space. The tornado was rated EF3 with wind speeds of 140mph at this location. As the tornado continued, it snapped and uprooted many more trees and took down power lines and power poles. Many more homes were damaged, to a lesser extent than the first few on the south end of town, with some damage to the homes coming from trees or tree branches falling on the homes. As the tornado moved into the northern part of Hewittville, the wind speeds seemed to increase, completely destroying another home and destroying a large, old building that had been part of an old rail-yard. The tornado also damaged other homes and garages in this area. The tornado was rated EF3 with wind speeds of 155mph at this location. As the tornado tracked north-northeastward, it moved into Taylorville, taking down more trees, power lines/poles, and damaging multiple houses. Several homes lost roofs and garages. The tornado continued through Taylorville damaging other homes and several businesses on West Spresser St. and was rated EF2 with wind speeds of 120-125mph at this point. As the tornado crossed Hwy 29 into the northern part of town, it weakened considerably, with the damage becoming less severe and more sporadic. The tornado dissipated 1.8 miles north of Taylorville at 5:25 PM CST. In total, the tornado impacted 506 structures...including major damage to 61 homes and 7 businesses and complete destruction of 28 homes. Total damage was estimated at \$118.9 million.</p>				

Storm Data and Unusual Weather Phenomena - December 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
CHRISTIAN COUNTY --- STONINGTON [39.63, -89.20]				
	12/01/18 17:28 CST		0	Hail (0.88 in)
	12/01/18 17:33 CST		0	Source: Trained Spotter
CHRISTIAN COUNTY --- STONINGTON [39.63, -89.20]				
	12/01/18 17:30 CST		0	Hail (1.00 in)
	12/01/18 17:35 CST		0	Source: Trained Spotter
PEORIA COUNTY --- HANNA CITY [40.68, -89.80]				
	12/01/18 17:32 CST		0	Hail (1.00 in)
	12/01/18 17:37 CST		0	Source: Emergency Manager
CHRISTIAN COUNTY --- 0.0 W STONINGTON [39.63, -89.20], 1.4 E OSBERNVILLE [39.75, -89.15]				
	12/01/18 17:34 CST		3.30M	Tornado (EF2, L: 8.39 mi , W: 400 yd)
	12/01/18 17:52 CST		0	Source: NWS Storm Survey
<p>A tornado touched down along IL Route 48 on the southwest edge of Stonington at 5:34 PM CST. At this time, two circulations aloft merged near the west side of Stonington, causing the tornado to take a sharp turn toward the north. Much of the damage in the town was on the northwest side where house roofs were impacted and several garages and sheds were destroyed. The tornado continued tracking to the north and did significant damage to outbuildings at a farm 4 miles north of Stonington. The tornado then curved toward the northeast, damaging several more outbuildings and sheds before it dissipated near Mosquito Creek, about 5.9 miles east-southeast of Mt. Auburn at 5:52 PM CST.</p>				
TAZEWELL COUNTY --- 1.4 NE PARKLAND [40.47, -89.73], 1.6 NE PARKLAND [40.47, -89.73]				
	12/01/18 17:34 CST		80K	Tornado (EF0, L: 0.12 mi , W: 50 yd)
	12/01/18 17:35 CST		0	Source: NWS Storm Survey
<p>A tornado briefly touched down 4.8 miles southwest of South Pekin at 5:34 PM CST. The tornado blew over a couple of outbuildings, damaged a pool deck structure near a home, and tipped over an irrigation system before dissipating 4.7 miles southwest of South Pekin at 5:35 PM CST.</p>				
PEORIA COUNTY --- 2.0 NW HANNA CITY [40.70, -89.83]				
	12/01/18 17:36 CST		0	Hail (1.75 in)
	12/01/18 17:41 CST		0	Source: Emergency Manager
SANGAMON COUNTY --- 0.9 NW SHERMAN [39.89, -89.61]				
	12/01/18 17:38 CST		0	Thunderstorm Wind (EG 61 kt)
	12/01/18 17:43 CST		0	Source: Public
<p>A pine tree was blown over at Village Hall.</p>				
MACON COUNTY --- 2.6 SW BLACKLAND [39.75, -89.14], 2.3 N BLACKLAND [39.80, -89.10]				
	12/01/18 17:53 CST		0.33M	Tornado (EF1, L: 4.27 mi , W: 250 yd)
	12/01/18 17:59 CST		0	Source: NWS Storm Survey
<p>A tornado touched down 3.2 miles north-northwest of Blue Mound at 5:53 PM CST. The tornado pushed a manufactured home off of its foundation on Zion Chapel Road as it moved to the north-northeast. Several outbuildings were destroyed by the tornado about 1-2 miles northeast of the house damage. Numerous trees were snapped before the tornado dissipated after crossing the Sangamon River near the Lincoln Trail Homestead State Park about 3.3 miles south-southwest of Harristown at 5:59 PM CST.</p>				
MACON COUNTY --- 1.7 SE NIAN TIC [39.83, -89.15]				
	12/01/18 17:58 CST		0	Hail (1.75 in)
	12/01/18 18:03 CST		0	Source: Public
TAZEWELL COUNTY --- PEKIN [40.57, -89.63]				
	12/01/18 17:58 CST		0	Hail (1.00 in)
	12/01/18 18:03 CST		0	Source: Trained Spotter
MACON COUNTY --- 1.0 SSW HARRISTOWN [39.84, -89.09], 0.6 SSW HARRISTOWN [39.84, -89.08]				
	12/01/18 18:03 CST		25K	Tornado (EF0, L: 0.41 mi , W: 50 yd)
	12/01/18 18:04 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - December 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado touched down on the southwest edge of Harristown at 6:03 PM CST. The tornado damaged trees and did minor roof damage before quickly dissipating at 6:04 PM CST.				
LOGAN COUNTY --- 2.2 WNW CHESTERTVALE [40.09, -89.36]				
	12/01/18 18:10 CST		0	Thunderstorm Wind (EG 52 kt)
	12/01/18 18:15 CST		0	Source: Emergency Manager
A large tree was blown down across Primm Road and 1200 Avenue about 4 miles south of Lincoln.				
SANGAMON COUNTY --- PAWNEE [39.58, -89.58]				
	12/01/18 18:15 CST		0	Hail (1.00 in)
	12/01/18 18:20 CST		0	Source: Amateur Radio
SANGAMON COUNTY --- 1.5 S DERRY FARM [39.75, -89.50], 2.7 SW MECHANICSBURG [39.80, -89.44]				
	12/01/18 18:16 CST		0.23M	Tornado (EF1, L: 4.57 mi , W: 100 yd)
	12/01/18 18:33 CST		0	Source: NWS Storm Survey
A tornado touched down 1.5 miles east of Rochester at 6:16 PM CST. The tornado tracked north-northeastward, damaging numerous trees, power poles, and the roofs of houses and garages before dissipating 2.9 miles west-southwest of Mechanicsburg at 6:33 PM CST.				
LOGAN COUNTY --- 2.0 SW LINCOLN [40.13, -89.40]				
	12/01/18 18:20 CST		0	Hail (0.88 in)
	12/01/18 18:25 CST		0	Source: Emergency Manager
MACON COUNTY --- 1.6 SSE MAROA [40.01, -88.94], 0.8 SE MAROA [40.02, -88.94]				
	12/01/18 18:31 CST		0.15M	Tornado (EF1, L: 1.13 mi , W: 320 yd)
	12/01/18 18:33 CST		0	Source: NWS Storm Survey
A tornado touched down a half mile east of IL Highway 51 along East School Road about 2.2 miles south of Maroa at 6:31 PM CST. The tornado destroyed a large outbuilding and snapped off many trees in that area, then moved to the northeast, causing periodic tree damage and some home roofing damage before dissipating as it reached the intersection of East Duroc Road and Sawyer Road 1.4 miles southeast of Maroa at 6:33 PM CST.				
LOGAN COUNTY --- 3.8 SE LAKE FORK [39.93, -89.29]				
	12/01/18 18:54 CST		55K	Thunderstorm Wind (EG 83 kt)
	12/01/18 18:55 CST		0	Source: NWS Storm Survey
A severe thunderstorm moving to the northeast into southern Logan County produced a wind gust estimated at 95 mph, most likely from a microburst. The wind destroyed a outbuilding in an open field. A few trees were also damaged in the vicinity of the building.				
MCLEAN COUNTY --- 3.2 WSW EMPIRE [40.29, -88.78], 3.2 W EMPIRE [40.29, -88.78]				
	12/01/18 19:06 CST		75K	Tornado (EF1, L: 0.21 mi , W: 50 yd)
	12/01/18 19:07 CST		0	Source: NWS Storm Survey
A tornado touched down one-half mile north of the Dewitt/McLean County line about 4.4 miles south of Leroy at 7:06 PM CST. It damaged trees, an outbuilding, the roof of a house, and toppled a road sign before quickly dissipating at 7:07 PM CST.				
MCLEAN COUNTY --- 3.4 NE LE ROY [40.38, -88.72], 2.5 SSE ELLSWORTH [40.42, -88.70]				
	12/01/18 19:18 CST		75K	Tornado (EF2, L: 2.44 mi , W: 100 yd)
	12/01/18 19:20 CST		0	Source: NWS Storm Survey
A tornado touched down one mile south of Moraine View State Park at 7:18 PM CST. It tore off most of the roof of a house and destroyed an attached garage. An outbuilding and several trees were also damaged. The tornado quickly dissipated just east of Moraine View State Park at 7:20 PM CST.				
MCLEAN COUNTY --- 2.8 S PADUA [40.41, -88.77], 2.6 S PADUA [40.41, -88.77]				
	12/01/18 19:21 CST		30K	Tornado (EF0, L: 0.12 mi , W: 25 yd)
	12/01/18 19:22 CST		0	Source: NWS Storm Survey
A tornado touched down 3.8 miles southwest of Ellsworth at 7:21 PM CST. It damaged a large outbuilding before quickly dissipating at 7:22 PM CST.				
MCLEAN COUNTY --- 2.7 W COLFAX [40.57, -88.67], 2.8 W COLFAX [40.57, -88.67]				
	12/01/18 19:42 CST		0.11M	Tornado (EF1, L: 0.49 mi , W: 75 yd)
	12/01/18 19:44 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - December 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

A tornado touched down 3 miles west of Colfax at 7:42 PM CST. It destroyed outbuildings and damaged trees before quickly dissipating 3.1 miles west-northwest of Colfax at 7:44 PM CST.

An historic tornado outbreak occurred across Illinois on December 1st, with a total of 29 tornadoes touching down across the central part of the state. This made it the largest December tornado outbreak in the state of Illinois since 1957, and the third largest tornado outbreak across Illinois in any month since 1950. Within the National Weather Service Lincoln County Warning Area (CWA), 20 tornadoes touched down...with the most significant being an EF-3 tornado that tore through the city of Taylorville in Christian County. Despite several communities being directly impacted and experiencing major damage, there were no fatalities reported. The severe weather was caused by a deep area of low pressure that tracked from eastern Kansas into north-central Illinois. Warm air surging northward ahead of the low allowed temperatures to soar into the upper 50s and lower 60s, resulting in a narrow corridor of Convective Available Potential Energy (CAPE) values of 500-1000J/kg ahead of an approaching occluded front. Thanks to ample low-level wind shear, numerous supercell thunderstorms developed within the instability axis by mid to late afternoon. Many of the storms produced tornadoes over the next several hours before the storms gradually weakened by mid-evening.

(IL-Z054) MOULTRIE

12/27/18 11:00 CST	4K	Strong Wind (MAX 43 kt)
12/27/18 16:00 CST	0	

A deepening area of low pressure over the Plains produced strong gradient winds across central Illinois during the afternoon of December 27th. Winds generally gusted from 45-55mph; however, peak gusts reached 58mph at Springfield Capital Airport, 62mph at the University of Illinois Willard Airport, and 63mph in Bloomington. Minor damage was reported due to the strong winds.