

## Storm Data and Unusual Weather Phenomena - August 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### ILLINOIS, South

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**ALEXANDER COUNTY --- 5.0 NNW CAIRO [37.07, -89.21]**

	08/15/18 13:18 CST		5K	Thunderstorm Wind (EG 56 kt)
	08/15/18 13:18 CST		0	Source: NWS Employee

Large trees were down just northwest of Cairo along Route 3.

**PULASKI COUNTY --- MOUNDS [37.12, -89.20]**

	08/15/18 13:23 CST		20K	Thunderstorm Wind (EG 56 kt)
	08/15/18 13:23 CST		0	Source: Emergency Manager

More than ten trees were blown down, some of which brought power lines down.

**A multi-cell cluster of thunderstorms moved east across the southern tip of Illinois. Trees were blown down as these storms became locally severe. The storms occurred along a warm front that extended southeast from a low pressure center over northwest Missouri. The storms occurred along a corridor of stronger low level winds, averaging near 30 knots at 1 km agl. Steep low level lapse rates allowed strong winds to reach the surface.**

### INDIANA, Southwest

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**WARRICK COUNTY --- 5.0 SE LYNNVILLE [38.15, -87.23]**

	08/15/18 15:55 CST		15K	Thunderstorm Wind (EG 56 kt)
	08/15/18 15:55 CST		0	Source: Law Enforcement

Numerous trees were blown down. Power lines were also down.

**A short bowing line of thunderstorms moved east across southwest Indiana, causing isolated wind damage to trees. The storms occurred ahead of a warm front that extended southeast from a low pressure center over northwest Missouri. The storms occurred along a corridor of stronger low level winds, averaging near 30 knots at 1 km agl. Steep low level lapse rates allowed strong winds to reach the surface.**

### KENTUCKY, Southwest

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**MUHLENBERG COUNTY --- 1.5 SE GREENVILLE [37.18, -87.16]**

	08/08/18 02:53 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/08/18 02:53 CST		0	Source: Emergency Manager

Tree limbs were blown down on Highway 181.

**Thunderstorms along the leading edge of a fairly disorganized mesoscale convective system produced gusty winds and isolated tree damage. The storms occurred well ahead of a cold front that extended from the Great Lakes to the southern Plains. A broad 500 mb trough extended from the Great Lakes southward through the Mississippi Valley.**

**MARSHALL COUNTY --- 1.0 NW BENTON [36.88, -88.36], 1.0 NE BENTON [36.88, -88.34], 0.7 SSW DOGTOWN [36.84, -88.33], 3.0 SW BENTON [36.84, -88.39]**

	08/09/18 08:52 CST		0	Flood (due to Heavy Rain)
	08/09/18 10:30 CST		0	Source: NWS Employee

Water was over one lane of U.S. Highway 641 in downtown Benton.

**Numerous thunderstorms with heavy rain occurred along and south of a weak stationary front that extended from central Arkansas to southern Illinois. The storms slowed down or stalled, causing isolated flooding.**

**DAVISS COUNTY --- 5.0 SE ST JOSEPH [37.65, -87.27], OWENSBORO [37.77, -87.12]**

	08/15/18 16:26 CST		18K	Thunderstorm Wind (EG 52 kt)
	08/15/18 16:30 CST		0	Source: Law Enforcement

Trees and power lines were blown down in Owensboro. Trees were down several miles southeast of St. Joseph.

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A short bowing line of thunderstorms moved east across southwest Indiana and northwest Kentucky. The southern end of this line of storms crossed northwest Kentucky, causing pockets of wind damage to trees and power lines. The storms occurred ahead of a warm front that extended southeast from a low pressure center over northwest Missouri. The storms occurred along a corridor of stronger low level winds, averaging near 30 knots at 1 km agl. Steep low level lapse rates allowed strong winds to reach the surface.

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### MISSOURI, Southeast

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**PERRY COUNTY --- 2.6 ENE SILVER LAKE [37.70, -89.96], 2.6 S BREWERVILLE [37.74, -89.93], 1.5 NW PERRYVILLE [37.73, -89.89], 1.1 NW LONGTOWN [37.68, -89.79], 2.6 SE SILVER LAKE [37.65, -89.97]**

08/09/18 11:30 CST	0	Flood (due to Heavy Rain)
08/09/18 12:30 CST	0	Source: Law Enforcement

Water was over a couple of main roads, including Highway 51 south of Perryville and Highway T in several spots between Perryville and Silver Lake.

Numerous thunderstorms with heavy rain occurred along a weak stationary front that extended from central Arkansas northeast to southern Illinois. The storms slowed down or stalled near the front, causing isolated flooding.

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**CARTER COUNTY --- 5.0 SSE VAN BUREN [36.93, -90.99]**

08/16/18 22:55 CST	5K	Thunderstorm Wind (EG 56 kt)
08/16/18 22:55 CST	0	Source: Park/Forest Service

The National Park Service reported trees were down on State Route Z in the Ozark National Scenic Riverways area.

A large complex of thunderstorms moved east across the Ozark Mountains into the Current River Valley. One of the strongest storms along the leading edge of the complex downed some trees. The storms occurred ahead of a cold front that was advancing south-southeast across the Missouri Valley. These storms were near the southern periphery of a mid-level closed low digging across the middle Missouri Valley, where 30 to 40 knot westerly 500 mb flow contributed to moderately strong wind shear.