

## Storm Data and Unusual Weather Phenomena - August 2018

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Central and North Central</b>				
<b>JACKSON COUNTY --- TUCKERMAN [35.73, -91.20]</b>				
	08/06/18 13:23 CST		0	Thunderstorm Wind (EG 55 kt)
	08/06/18 13:23 CST		0	Source: Emergency Manager
Power lines were down. Trees were blown down on houses. Some roofs were damaged.				
<b>WHITE COUNTY --- 1.3 WNW EL PASO [35.13, -92.10]</b>				
	08/06/18 13:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/06/18 13:50 CST		0	Source: Law Enforcement
A power line was blown down. Additionally, some large limbs were blown down.				
<b>JOHNSON COUNTY --- 0.7 N COAL HILL [35.44, -93.67]</b>				
	08/07/18 15:50 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/18 15:50 CST		0	Source: Public
A tree was blown down. Winds were estimated near 60 mph.				
<b>JACKSON COUNTY --- 1.7 E DIAZ [35.63, -91.24]</b>				
	08/07/18 15:54 CST		0	Thunderstorm Wind (EG 50 kt)
	08/07/18 15:54 CST		0	Source: Utility Company
Strong winds damaged power lines.				
<b>LOGAN COUNTY --- 1.3 WNW PARIS MUNI ARPT [35.31, -93.70]</b>				
	08/07/18 15:55 CST		0	Thunderstorm Wind (EG 52 kt)
	08/07/18 15:55 CST		0	Source: Public
Large limbs were blown down. Winds estimated around 60 mph.				
<b>PULASKI COUNTY --- 1.1 W ROLAND [34.90, -92.50]</b>				
	08/08/18 08:08 CST		0	Heavy Rain
	08/08/18 08:08 CST		0	Source: Amateur Radio
Measured a 24 hour storm total of 10.63 inches beginning on the morning of August 7th.				
<b>PULASKI COUNTY --- 1.1 W ROLAND [34.90, -92.50], 2.1 W MONNIE SPRINGS [34.92, -92.53], 2.7 SE LITTLE ITALY [34.91, -92.54], 2.3 W ROLAND [34.90, -92.52]</b>				
	08/08/18 08:35 CST		0	Flash Flood (due to Heavy Rain)
	08/08/18 09:35 CST		0	Source: Amateur Radio
A storm spotter/amateur radio operator reported Beaver Creek Rd. is flooded by Mill Bayou Creek and that water was approaching a few homes in the area.				
<b>HOT SPRING COUNTY --- 2.3 NE OAK GROVE [34.37, -92.87]</b>				
	08/08/18 15:32 CST		0	Thunderstorm Wind (EG 50 kt)
	08/08/18 15:32 CST		0	Source: Public
Reports via social media of a couple of trees down across Hot Spring County, west of Malvern.				
<b>DALLAS COUNTY --- 0.3 NW TULIP [34.08, -92.65]</b>				
	08/08/18 15:41 CST		0	Thunderstorm Wind (EG 50 kt)
	08/08/18 15:41 CST		0	Source: Law Enforcement
Trees were blown down at the intersection of Highway 9 and Highway 301.				
<b>DALLAS COUNTY --- 0.6 E HOLLY SPGS [33.82, -92.71]</b>				

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	08/08/18 15:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/08/18 15:50 CST		0	Source: Law Enforcement

A tree was blown down near Holly Springs.

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### DALLAS COUNTY --- 1.6 N CARTHAGE [34.09, -92.55]

	08/08/18 15:50 CST		0	Thunderstorm Wind (EG 50 kt)
	08/08/18 15:50 CST		0	Source: Law Enforcement

Trees and power lines were blown down along Highway 229.

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### PULASKI COUNTY --- 1.5 SSW MAUMELLE [34.85, -92.41], 0.3 WSW MAUMELLE [34.87, -92.41], 1.1 ESE MAUMELLE [34.86, -92.38], 2.1 SSE MAUMELLE [34.84, -92.39]

	08/08/18 15:53 CST		0	Flash Flood (due to Heavy Rain)
	08/08/18 15:53 CST		0	Source: Public

Received an MPING report of a road closed due to flooding in Maumelle.

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### DALLAS COUNTY --- 1.0 NNW FARINDALE [34.09, -92.41]

	08/08/18 15:55 CST		0	Thunderstorm Wind (EG 50 kt)
	08/08/18 15:55 CST		0	Source: Law Enforcement

Trees were blown down along Highway 167 east of Carthage.

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### JEFFERSON COUNTY --- 0.7 N BREWSTER [34.21, -92.02], 0.3 NNE PINE BLUFF [34.22, -92.02], 1.5 ENE PINE BLUFF [34.23, -91.99], 1.1 ENE BREWSTER [34.20, -92.00]

	08/08/18 16:15 CST		0	Flash Flood (due to Heavy Rain)
	08/08/18 17:15 CST		0	Source: Trained Spotter

A trained storm spotter reported flash flooding of a few streets in downtown Pine Bluff.

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### CLEVELAND COUNTY --- 0.6 W RISON [33.95, -92.19]

	08/08/18 16:22 CST		0	Thunderstorm Wind (EG 61 kt)
	08/08/18 16:22 CST		0	Source: Law Enforcement

The Cleveland County Sheriff's office reported trees and power lines down at multiple locations across the county.

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### PIKE COUNTY --- 0.9 SW MURFREESBORO [34.06, -93.69], 1.2 E MURFREESBORO [34.07, -93.66], 1.2 ENE KIMBERLEY [34.05, -93.66], 0.8 W KIMBERLEY [34.05, -93.69]

	08/09/18 08:55 CST		0	Flash Flood (due to Heavy Rain)
	08/09/18 09:55 CST		0	Source: County Official

Several roads were flooded in and around Murfreesboro.

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### PIKE COUNTY --- 0.9 SW MURFREESBORO [34.06, -93.69]

	08/09/18 12:00 CST		0	Heavy Rain
	08/09/18 12:00 CST		0	Source: COOP Observer

Cooperative observer reported a total of 9.40 inches of rain has fallen for the duration of this event. 5.5 inches of rain fell since 7 am this morning.

**More to come later.**

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### GARLAND COUNTY --- 2.2 SW EUCLID HGTS [34.46, -93.05], 1.7 WSW EUCLID HGTS [34.47, -93.05], 1.4 SW EUCLID HGTS [34.46, -93.03], 2.0 SW EUCLID HGTS [34.46, -93.04]

	08/12/18 18:50 CST		0	Flash Flood (due to Heavy Rain)
	08/12/18 19:50 CST		0	Source: Social Media

A video was shared with us via social media showing water flowing over a road in Hot Springs. The water appeared to be 6 inches to one foot deep over the road.

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### POPE COUNTY --- 3.1 WSW AUGSBURG [35.40, -93.28]

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	08/16/18 18:07 CST		0	Thunderstorm Wind (EG 52 kt)
	08/16/18 18:07 CST		0	Source: Law Enforcement
A tree was down on County Line Rd. on the Pope and Johnson County line.				
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<b>JOHNSON COUNTY --- 0.9 NW LAMAR [35.44, -93.39]</b>				
	08/16/18 18:45 CST		0	Thunderstorm Wind (EG 52 kt)
	08/16/18 18:45 CST		0	Source: Emergency Manager
Trees were down on Cabin Creek Rd. in Lamar.				
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<b>JOHNSON COUNTY --- 0.9 NW LAMAR [35.44, -93.39]</b>				
	08/16/18 18:46 CST		0	Hail (1.00 in)
	08/16/18 18:46 CST		0	Source: Emergency Manager
Quarter sized hail fell in Lamar.				
<p>Clouds and precipitation kept high temperatures mostly below average at Harrison (Boone County) and Little Rock (Pulaski County) from August 13th through the 16th, 2018. Farther south, it stayed hot with at/above average readings. Several severe thunderstorms and flash flooding were noted in central Arkansas on the 12th and 16th.</p>				
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<b>SHARP COUNTY --- HARDY [36.32, -91.48], 0.4 ENE HARDY [36.32, -91.47], 0.5 ESE HARDY [36.32, -91.47], 0.3 SSW HARDY [36.32, -91.48]</b>				
	08/16/18 23:00 CST		0	Flash Flood (due to Heavy Rain)
	08/17/18 00:30 CST		0	Source: Public
Report of street flooding in Hardy.				
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<b>FAULKNER COUNTY --- 1.1 NE CONWAY [35.09, -92.44], 1.0 NNW CONWAY MUNI ARPT [35.09, -92.43], 0.8 NNW CONWAY MUNI ARPT [35.09, -92.43], 1.1 NE CONWAY [35.09, -92.44]</b>				
	08/17/18 07:32 CST		0	Flash Flood (due to Heavy Rain)
	08/17/18 08:32 CST		0	Source: Social Media
Street flooding was reported on Oak Street in Conway near Tazikis and Burger King.				
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<b>JOHNSON COUNTY --- 0.7 S SHADY GROVE [35.46, -93.52]</b>				
	08/19/18 16:45 CST		0	Hail (1.00 in)
	08/19/18 16:45 CST		0	Source: Amateur Radio
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<b>JOHNSON COUNTY --- 0.7 S CLARKSVILLE [35.46, -93.47]</b>				
	08/19/18 16:48 CST		0	Hail (1.00 in)
	08/19/18 16:48 CST		0	Source: Trained Spotter
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<b>JOHNSON COUNTY --- 0.7 S CLARKSVILLE [35.46, -93.47]</b>				
	08/19/18 16:50 CST		0	Hail (1.75 in)
	08/19/18 16:50 CST		0	Source: Law Enforcement
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<b>JOHNSON COUNTY --- 1.0 NNW LAMAR [35.44, -93.39], 0.9 NW LAMAR [35.44, -93.39], 1.4 NW LAMAR [35.44, -93.40], 1.6 NNW LAMAR [35.45, -93.40]</b>				
	08/19/18 18:52 CST		0	Flash Flood (due to Heavy Rain)
	08/19/18 21:52 CST		0	Source: State Official
Flash flooding occurred on Arkansas Hwy 123 near the intersection of U.S. Hwy 64.				
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<b>GARLAND COUNTY --- 0.9 NE LAKE HAMILTON [34.43, -93.09]</b>				
	08/19/18 19:50 CST		0	Thunderstorm Wind (EG 52 kt)
	08/19/18 19:50 CST		0	Source: Public
A tree was reported down near Lake Hamilton. There were also several power outages through the Lake Hamilton Region.				
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<b>HOT SPRING COUNTY --- 0.7 S ROCKPORT [34.37, -92.82]</b>				

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	08/19/18 20:15 CST		0	Hail (0.88 in)
	08/19/18 20:15 CST		0	Source: Social Media
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<b>CLEBURNE COUNTY --- 1.8 SE PRIM [35.68, -92.10]</b>				
	08/19/18 20:29 CST		0	Thunderstorm Wind (EG 51 kt)
	08/19/18 20:29 CST		0	Source: Law Enforcement
A tree was blown down near Prim.				
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<b>PERRY COUNTY --- 0.9 S HOUSTON [35.02, -92.70]</b>				
	08/19/18 20:48 CST		0	Thunderstorm Wind (EG 52 kt)
	08/19/18 20:48 CST		0	Source: Amateur Radio
A 60 mph wind gust was reported south of Houston.				
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<b>VAN BUREN COUNTY --- 1.6 ENE SCOTLAND [35.53, -92.59], 1.1 E CLINTON [35.58, -92.45], 0.9 N CLINTON [35.59, -92.47], 1.7 WNW CLINTON [35.59, -92.50], 1.5 WSW WALNUT GROVE [35.54, -92.60]</b>				
	08/19/18 20:55 CST		0	Flash Flood (due to Heavy Rain)
	08/19/18 23:55 CST		0	Source: Social Media
Widespread flash flooding occurred across the area, with areas of Arkansas Hwy 95 flooded.				
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<b>VAN BUREN COUNTY --- 1.1 E CLINTON [35.58, -92.45], 0.7 SSE CLINTON MUNI ARPT [35.59, -92.45], 0.2 SSW CLINTON MUNI ARPT [35.60, -92.45], 0.7 W CLINTON MUNI ARPT [35.60, -92.46], 1.0 N CLINTON [35.59, -92.47], 0.3 ESE CLINTON [35.58, -92.47], 0.6 ESE CLINTON [35.58, -92.46]</b>				
	08/19/18 21:00 CST		0	Flash Flood (due to Heavy Rain)
	08/20/18 00:00 CST		0	Source: Public
Several homes and business were flooded in the town of Clinton, AR.				
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<b>CONWAY COUNTY --- 0.9 SE ARTHUR [35.29, -92.64]</b>				
	08/19/18 21:02 CST		5K	Thunderstorm Wind (EG 55 kt)
	08/19/18 21:02 CST		0	Source: NWS Storm Survey
Severe thunderstorm winds blew down several hardwood trees in and south of the community of Arthur. A manufactured home sustained minor damage to an attached porch, along with some siding and guttering removed.				
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<b>CONWAY COUNTY --- 0.9 NE BIRDTOWN [35.31, -92.61]</b>				
	08/19/18 21:10 CST		10K	Thunderstorm Wind (EG 55 kt)
	08/19/18 21:10 CST		0	Source: Emergency Manager
Several trees and power lines were blow down, along with damage to a mobile home.				
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<b>VAN BUREN COUNTY --- FORMOSA [35.47, -92.52], 3.2 ESE CHALK [35.52, -92.21], 5.2 SE CHALK [35.48, -92.20], 4.4 ENE FAIRBANKS [35.44, -92.20], 1.4 NNE WHIPPLE [35.44, -92.46], 1.1 SSW FORMOSA [35.45, -92.52]</b>				
	08/19/18 22:00 CST		0	Flash Flood (due to Heavy Rain)
	08/20/18 00:15 CST		0	Source: Emergency Manager
Several high water rescues were accomplished due to flash flooding. Several roads were closed also.				
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<b>WHITE COUNTY --- 0.7 S CENTER HILL [35.26, -91.88]</b>				
	08/19/18 22:04 CST		0	Thunderstorm Wind (EG 50 kt)
	08/19/18 22:04 CST		0	Source: Trained Spotter
Limbs were blown down near Center Hill.				
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<b>FAULKNER COUNTY --- 2.2 NE CATO [34.95, -92.24]</b>				
	08/20/18 14:20 CST		0	Hail (0.75 in)
	08/20/18 14:20 CST		0	Source: Trained Spotter
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<b>MONROE COUNTY --- 0.9 WNW BRINKLEY [34.89, -91.19]</b>				

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	08/20/18 16:05 CST		0.10M	Thunderstorm Wind (EG 55 kt)
	08/20/18 16:05 CST		0	Source: Law Enforcement

Several trees were blown down across Brinkley, one of which damaged a home. There was also damage to the roof of the elementary school.

On the 17th, for example, the mercury peaked at only 75 degrees in Clinton (Van Buren County) and 79 degrees at Russellville (Pope County). It was 80 degrees at Fort Smith (Sebastian County) and Newport (Jackson County). Meanwhile, it was 97 degrees at Texarkana (Miller County) and 98 degrees at El Dorado (Union County).

More than four inches of rain caused a nine foot rise on the Big Piney Creek near Dover (Pope County) during the evening of 08/19/2018. The flow jumped from 500 cubic feet per second (CFS) to 17,000 CFS in four hours. The Big Piney Creek climbed nine feet and overflowed. Roads near Treat (Pope County) were impassible due to water and storm debris. A similar rise occurred along the South Fork of the Little Red River at Clinton (Van Buren County).

Active weather continued on the 20th when a cold front plowed through the region. One last round of storms tore through locations toward the Mississippi River. Straight-line winds pushed trees onto houses and peeled the roof back on an elementary school in Brinkley (Monroe County).

### WOODRUFF COUNTY --- 1.1 W RIVERSIDE [35.28, -91.25], 0.3 ESE RIVERSIDE [35.28, -91.22], 0.2 NNW PATTERSON [35.25, -91.23], 0.3 W CAVELL [35.25, -91.25]

08/20/18 17:30 CST	0	Flood (due to Heavy Rain)
08/31/18 23:59 CST	0	Source: River/Stream Gage

Heavy rain brought flooding to the Patterson area.

Heavy rain in late August brought flooding to parts of northeast Arkansas.

### SCOTT COUNTY --- 0.6 W WALDRON [34.90, -94.09]

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

Several trees were blown down in Waldron.

### MONTGOMERY COUNTY --- 0.9 NW MT IDA [34.56, -93.64]

08/30/18 19:55 CST	0	Thunderstorm Wind (EG 52 kt)
08/30/18 19:55 CST	0	Source: Law Enforcement

Trees were blown down near Mt. Ida.

### MONTGOMERY COUNTY --- 0.9 NW NORMAN [34.46, -93.68]

08/30/18 20:10 CST	0	Thunderstorm Wind (EG 52 kt)
08/30/18 20:10 CST	0	Source: Law Enforcement

Trees were blown down along Highway 27 south, about a quarter mile outside of Norman.

After several days of dry weather and at/above average temperatures, storms returned to finish August. A weak cold front arrived from the north on the 29th and stalled near the Arkansas and Missouri border. Surrounding the front, there were scattered thunderstorms during the afternoon. Lightning struck a cabinet shop southwest of Hot Springs (Garland County). This started a large structural fire.

It was a repeat performance on the 30th. Storms ignited early in the day across eastern Kansas, and worked into southwest Missouri. During the afternoon and early evening, the action spread into northern Arkansas. Storms blew down trees at Waldron (Scott County). A few miles west of town along Highway 248, trees caught on fire after being zapped by lightning. More trees were leveled near Mount Ida and Norman (both in Montgomery County).

As far as rainfall for the two day event, there was more than two inches at Alicia (Lawrence County), Calico Rock (Izard County), Omaha (Boone County), Parks (Scott County), and Waldron (Scott County).