

Storm Data and Unusual Weather Phenomena - August 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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ARKANSAS, Central and North Central

DREW COUNTY --- 0.9 SE TENNESSEE [33.62, -91.86]

08/11/17 13:28 CST	0	Thunderstorm Wind (EG 52 kt)
08/11/17 13:28 CST	0	Source: Emergency Manager

Trees were blown down.

DREW COUNTY --- COLLINS [33.53, -91.57], 0.4 NNE COLLINS [33.53, -91.57], 0.5 E COLLINS [33.53, -91.56], 0.2 ESE COLLINS [33.53, -91.57]

08/14/17 07:00 CST	0	Flash Flood (due to Heavy Rain)
08/14/17 07:00 CST	0	Source: River/Stream Gage

A front pushed into the area from Missouri. Thunderstorms were over the northwest counties on the morning of the 11th, and worked into the southeast during the afternoon. Severe weather was spotty, with one report of trees blown down a few miles west of Monticello (Drew County).

Into the wee hours of the 14th, more thunderstorms focused along the front across southern sections of the state. A hefty 3.34 inches of water dumped on Cane Creek State Park (Lincoln County), 2.42 inches at Pine Bluff (Jefferson County), and 2.37 inches at Rohwer (Desha County).

JOHNSON COUNTY --- 0.7 S CLARKSVILLE [35.46, -93.47], 0.8 ENE CLARKSVILLE [35.48, -93.46], 0.6 WNW CLARKSVILLE MUNI ARP [35.47, -93.44], 1.1 WSW CLARKSVILLE MUNI ARP [35.46, -93.45]

08/15/17 05:20 CST	0	Flash Flood (due to Heavy Rain)
08/15/17 07:20 CST	0	Source: Public

We received reports of cars underwater at East Cherry Street and Millwood Road on the east side of Clarksville.

POPE COUNTY --- 0.6 E OAKLAND HGTS [35.27, -93.14], 1.4 E ODITA [35.30, -93.15], 1.4 SSE TARAL [35.30, -93.12], 0.8 SE RUSSELLVILLE [35.27, -93.12]

08/15/17 05:25 CST	0	Flash Flood (due to Heavy Rain)
08/15/17 07:25 CST	0	Source: Social Media

Street flooding was reported and cars were underwater in Russellville on Arkansas Tech University campus.

VAN BUREN COUNTY --- 1.3 ENE DAMASCUS [35.39, -92.40]

08/15/17 06:00 CST	0	Heavy Rain
08/15/17 09:00 CST	0	Source: COOP Observer

The 24 hour total was 7.20 inches...although nearly all of the rain fell in the previous 3-4 hours.

VAN BUREN COUNTY --- 0.7 S SOUTHSIDE [35.41, -92.40], 2.0 NNW GRAVESVILLE [35.41, -92.37], 2.3 SE DAMASCUS [35.36, -92.39], 2.0 SSW DAMASCUS [35.35, -92.43]

08/15/17 06:07 CST	0	Flash Flood (due to Heavy Rain)
08/15/17 08:07 CST	0	Source: COOP Observer

Numerous roads around Damascus were underwater. Highway 65 was nearly covered in water as well.

FAULKNER COUNTY --- 1.5 SSE SKUNK HOLLOW [35.03, -92.37], 0.4 ESE SKUNK HOLLOW [35.05, -92.37], 0.9 SW SKUNK HOLLOW [35.04, -92.39], 1.8 S SKUNK HOLLOW [35.02, -92.38]

08/15/17 08:00 CST	0	Flash Flood (due to Heavy Rain)
08/15/17 10:00 CST	0	Source: Law Enforcement

Several roads had to be blocked off due to water rushing over them.

FAULKNER COUNTY --- ENOLA [35.20, -92.20], 0.7 E ENOLA [35.20, -92.19], 0.8 SSE ENOLA [35.19, -92.19], 0.8 SW ENOLA [35.19, -92.21]

08/15/17 08:00 CST	0	Flash Flood (due to Heavy Rain)
08/15/17 10:00 CST	0	Source: Law Enforcement

Several roads had to be blocked off due to water rushing across them.

BOONE COUNTY --- 1.5 SSW HILL TOP [36.13, -93.23]

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	08/18/17 18:03 CST		0	Thunderstorm Wind (EG 61 kt)
	08/18/17 18:03 CST		0	Source: Emergency Manager

Reports were received of a barn and power poles being blown down.

NEWTON COUNTY --- 1.4 N COMPTON [36.10, -93.30]

	08/18/17 18:13 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/17 18:13 CST		0	Source: COOP Observer

NWS Cooperative Observer reports at least one tree blew over in their yard and estimated winds around 60 mph.

LOGAN COUNTY --- 0.9 NW WILKINS [35.34, -93.63]

	08/18/17 18:55 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/17 18:55 CST		0	Source: Emergency Manager

Trees and power lines were reported down across Cottonwood Road.

LOGAN COUNTY --- 1.3 ESE WILKINS [35.32, -93.60]

	08/18/17 19:10 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/17 19:10 CST		0	Source: Emergency Manager

Trees and power lines were reported down and blocking Highway 288 and Highway 197.

LOGAN COUNTY --- 0.7 N MIDWAY [35.29, -93.53]

	08/18/17 19:20 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/17 19:20 CST		0	Source: Emergency Manager

Trees and power lines were reported down on Highway 22 in Midway.

YELL COUNTY --- 0.7 S MARVINVILLE [35.11, -93.53]

	08/18/17 20:23 CST		0	Thunderstorm Wind (EG 52 kt)
	08/18/17 20:23 CST		0	Source: Law Enforcement

Trees were down on Highway 27.

PULASKI COUNTY --- 0.9 NE SHERWOOD [34.83, -92.21], 2.0 NE SHERWOOD [34.84, -92.20], 1.5 NNW VALENTINE [34.84, -92.18], 1.2 WNW VALENTINE [34.83, -92.19]

	08/18/17 22:30 CST		0	Flash Flood (due to Heavy Rain)
	08/18/17 23:50 CST		0	Source: Law Enforcement

The intersection of Kiehl and Brockington Roads was reported as flooded.

BAXTER COUNTY --- 1.8 NW RODNEY [36.27, -92.19]

	08/19/17 15:05 CST		0	Hail (1.00 in)
	08/19/17 15:05 CST		0	Source: COOP Observer

Given all of the rain, flooding was almost non-existent locally. That changed on the 15th. The front had lifted a bit to the north by this time, and was draped across central Arkansas. Before dawn, a large cluster of thunderstorms hit areas along and north of the Arkansas River, mainly north and west of Little Rock (Pulaski County). At least two dozen reporting sites registered four inches of rain or more.

By 700 am CDT, a whopping 7.20 inches was reported at Damascus (Van Buren County)! That is two months of rain in just a few hours. Elsewhere, an impressive 5.95 inches of rain poured on Center Ridge (Conway County), with 4.90 inches at Ozark (Franklin County), 4.75 inches at Hattieville (Conway County), 4.10 inches at Conway (Faulkner County), and 4.08 inches at Coal Hill (Johnson County). A subdivision flooded and cars were under water at Clarksville (Johnson County). It was the same story at Russellville (Pope County), and it looked like a lake near Arkansas State University. Roads were blocked off in Enola (Faulkner County) as water flowed over the pavement.

After dark on the 15th, isolated storms in the far north/west flooded Highway 59 near Natural Dam (Crawford County). There was a quick two to three inches of rain from Mountain Home to Gamaliel (both in Baxter County).

We went from flooding to severe weather on the 18th, mainly from northwest into central Arkansas. Ten miles southwest of Harrison (Boone County), a barn was destroyed by damaging straight-line winds. Trees and power lines were blown down just northeast of Subiaco (Logan County) on Highways 197 and 288, and also along Highway 22 at Midway (Logan County). Trees were toppled along

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Highway 27 at Havana (Yell County).				
Isolated storms redeveloped on the 19th, mainly across the north. One storm produced quarter size hail at Rodney (Baxter County).				
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WOODRUFF COUNTY --- 0.8 WSW RIVERSIDE [35.27, -91.24], 0.4 SSW RIVERSIDE [35.27, -91.23], 1.0 NNW PATTERSON [35.26, -91.24], 1.0 NNE CAVELL [35.26, -91.24]				
	08/16/17 04:00 CST	0		Flood (due to Heavy Rain)
	08/22/17 12:00 CST	0		Source: River/Stream Gage
Flooding developed on the Cache River at Patterson on August 16, 2017.				
Heavy rain brought flooding to the Cache River during the middle of August.				
Given all of the rain, flooding was almost non-existent locally. That changed on the 15th. The front had lifted a bit to the north by this time, and was draped across central Arkansas. Before dawn, a large cluster of thunderstorms hit areas along and north of the Arkansas River, mainly north and west of Little Rock (Pulaski County). At least two dozen reporting sites registered four inches of rain or more.				
By 700 am CDT, a whopping 7.20 inches was reported at Damascus (Van Buren County)! That is two months of rain in just a few hours. Elsewhere, an impressive 5.95 inches of rain poured on Center Ridge (Conway County), 4.75 inches at Hattieville (Conway County), 4.10 inches at Conway (Faulkner County), and 4.08 inches at Coal Hill (Johnson County).				
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WOODRUFF COUNTY --- 0.7 N MC CRORY [35.26, -91.20], 1.2 NE MC CRORY [35.26, -91.19], 0.8 E MC CRORY [35.25, -91.19], 0.8 W MC CRORY [35.25, -91.21]				
	08/31/17 07:15 CST	0		Flash Flood (due to Heavy Rain)
	08/31/17 09:15 CST	0		Source: Law Enforcement
Street flooding was reported in the town of McCrory.				
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PRAIRIE COUNTY --- 1.3 WNW DES ARC [34.98, -91.52], 1.1 NE FOUR MILE CORNER [34.98, -91.54], 0.7 E FOUR MILE CORNER [34.97, -91.54], 1.0 W DES ARC [34.97, -91.52]				
	08/31/17 09:00 CST	0		Flash Flood (due to Heavy Rain)
	08/31/17 11:00 CST	0		Source: COOP Observer
CO-OP Observer reported street flooding just west of Des Arc.				
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WOODRUFF COUNTY --- 0.7 N MC CRORY [35.26, -91.20], 1.3 NE MC CRORY [35.27, -91.19], 1.1 E MC CRORY [35.25, -91.18], 0.5 WSW MC CRORY [35.25, -91.21]				
	08/31/17 09:31 CST	0		Flash Flood (due to Heavy Rain)
	08/31/17 11:31 CST	0		Source: Emergency Manager
Flash flooding reported in Woodruff County in McCrory. Some roads were closed due to high water and sandbags were being used to protect homes.				
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PRAIRIE COUNTY --- 2.4 WNW FOUR MILE CORNER [34.98, -91.59], 2.2 WNW FOUR MILE CORNER [34.98, -91.59], 2.2 WNW FOUR MILE CORNER [34.98, -91.59], 2.3 WNW FOUR MILE CORNER [34.98, -91.59]				
	08/31/17 10:15 CST	0		Flash Flood (due to Heavy Rain)
	08/31/17 12:15 CST	0		Source: Law Enforcement
Highway 38 west of Des Arc was closed due to flooding.				
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JACKSON COUNTY --- BEEDEVILLE [35.43, -91.12], 1.1 ENE BEEDEVILLE [35.44, -91.10], 1.4 ESE BEEDEVILLE [35.42, -91.10], 0.7 S BEEDEVILLE [35.42, -91.12]				
	08/31/17 10:30 CST	0		Flash Flood (due to Heavy Rain)
	08/31/17 12:30 CST	0		Source: COOP Observer
Beedeville observer reported water covering the roads around Beedeville. Observer reported near 4 inches of rainfall with rain still falling.				
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WOODRUFF COUNTY --- MC CRORY [35.25, -91.20], 0.7 NE MC CRORY [35.26, -91.19], 0.7 ESE MC CRORY [35.25, -91.19], 0.2 S MC CRORY [35.25, -91.20]				
	08/31/17 11:00 CST	0		Flash Flood (due to Heavy Rain)
	08/31/17 13:00 CST	0		Source: Broadcast Media
Several inches of water on roads rising above wheelwell on vehicles.				

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PRAIRIE COUNTY --- 0.4 ESE DES ARC [34.97, -91.49], 0.6 E DES ARC [34.97, -91.49], 0.5 ESE DES ARC [34.97, -91.49], 0.4 ESE DES ARC [34.97, -91.49]

	08/31/17 11:11 CST	0	Flash Flood (due to Heavy Rain)
	08/31/17 12:11 CST	0	Source: Broadcast Media

Hwy 323 at Biene Creek is closed. The road is sinking due to a failed culvert as a result of the rain.

DESHA COUNTY --- 0.6 W DUMAS [33.88, -91.49], 0.9 N DUMAS [33.89, -91.48], 0.8 ESE DUMAS [33.88, -91.47], 0.9 SW DUMAS [33.87, -91.49]

	08/31/17 12:15 CST	0	Flash Flood (due to Heavy Rain)
	08/31/17 14:15 CST	0	Source: Social Media

Water was covering roadways in Dumas.

The projected track of Harvey was directed toward the Tennessee Valley to finish the month. Areas east of Little Rock (Pulaski County) were close enough to the track to worry about heavy downpours and localized flash flooding.

Flash Flood Watches were posted in eastern sections of the state on the 31st. Showers/isolated thunderstorms developed before dawn and continued through the day. By evening, two to four inch rainfall totals were common, with radar estimates over ten inches in spots.

There was a report of almost 11 inches at McCrory (Woodruff County). High water closed roads, and sandbags were used to protect homes. West of Des Arc (Prairie County), there was enough rain to stop travel on Highway 38. Closer to town, the pavement along Highway 323 caved in due to a failed culvert (near a creek). Sections of Highways 17 and 152 were barricaded south of DeWitt (Arkansas County).

WOODRUFF COUNTY --- 0.7 WSW RIVERSIDE [35.28, -91.24], 0.3 SW RIVERSIDE [35.28, -91.23], 0.7 NNW PATTERSON [35.26, -91.24], 0.8 NNE CAVELL [35.26, -91.25]

	08/31/17 11:48 CST	0	Flood (due to Heavy Rain)
	08/31/17 22:59 CST	0	Source: River/Stream Gage

Flooding again began on the Cache River at Patterson on August 31, 2017.

Heavy rain brought more flooding to the Cache River at Patterson on August 31, 2017.

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Flash Flood Watches were posted in eastern sections of the state on the 31st. Showers/isolated thunderstorms developed before dawn and continued through the day. By evening, two to four inch rainfall totals were common, with radar estimates over ten inches in spots.