

Storm Data and Unusual Weather Phenomena - January 2018

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

WOODRUFF COUNTY --- 0.8 WSW RIVERSIDE [35.28, -91.24], 0.4 SSW RIVERSIDE [35.28, -91.23], 0.9 NNW PATTERSON [35.26, -91.24], 0.8 NNE CAVELL [35.26, -91.25]

01/01/18 00:00 CST	0	Flood (due to Heavy Rain)
01/01/18 02:00 CST	0	Source: River/Stream Gage

Flooding continued from December.

Not a lot of rain fell in Arkansas in January 2018. It was a cold month overall with a couple of winter precipitation events.

(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z013) SEARCY, (AR-Z016) INDEPENDENCE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z065) DESHA, (AR-Z069) DREW

01/12/18 01:00 CST	0	Winter Weather
01/14/18 13:00 CST	0	

As temperatures dropped early on the 12th, there was a period of freezing rain from Little Rock (Pulaski County) eastward, and sleet and some light snow thereafter before moisture exited.

Overall, there was generally less than a tenth of an inch of glaze in places, and under a half inch of snow and sleet. Some spots got higher amounts, including Blytheville (Mississippi County) and DeWitt (Arkansas County) with an inch of snow/ice, and Clarendon (Monroe County) with 0.8 inch of snow/ice.

There were icy spots on roads in the east, especially toward the Mississippi River. Accidents were reported along Interstates 40 and 55, with both highways temporarily shut down.

(AR-Z003) BOONE, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z045) LONOKE, (AR-Z047) MONROE, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z066) OUACHITA

01/15/18 06:00 CST	0	Heavy Snow
01/16/18 09:00 CST	0	

(AR-Z034) WOODRUFF, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z046) PRAIRIE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z057) ARKANSAS, (AR-Z064) LINCOLN, (AR-Z069) DREW

01/15/18 21:00 CST	0	Winter Weather
01/16/18 10:00 CST	0	

It was mild on the 15th with readings in the 40s and 50s. The high at El Dorado (Union County) was 58 degrees, with 57 degrees at Monticello (Drew County), and 54 degrees at Mount Ida (Montgomery County). During the nighttime hours and into the 16th, it turned sharply colder in central and southern sections of the state. Models showed moisture building over areas along and south of Interstate 40, and snow was expected to become heavy in places.

Six inches of flakes were measured at Camden (Ouachita County) and Palestine (St. Francis County), with five inches at England (Lonoke County), Redfield (Jefferson County), and Sheridan (Grant County), and four inches at Kingsland (Cleveland County), and Roe (Monroe County).

JOHNSON COUNTY --- 4.0 NW CLARKSVILLE [35.51, -93.52], 5.0 NW CLARKSVILLE [35.52, -93.53]

01/21/18 21:53 CST	10K	Thunderstorm Wind (EG 74 kt)
01/21/18 21:55 CST	0	Source: NWS Storm Survey

Trees, outbuildings, and a carport were down or damaged near the community of Woodland, which is northwest of Clarksville.

JOHNSON COUNTY --- 1.4 S LONE PINE [35.53, -93.52]

01/21/18 21:55 CST	1K	Thunderstorm Wind (EG 61 kt)
01/21/18 21:55 CST	0	Source: Emergency Manager

Several small sheds were destroyed along with some large trees blown over near Highway 103.

MONTGOMERY COUNTY --- CADDO GAP [34.40, -93.62]

01/21/18 23:10 CST	10K	Thunderstorm Wind (EG 61 kt)
01/21/18 23:10 CST	0	Source: Trained Spotter

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An attached carport was destroyed.

POLK COUNTY --- 1.0 E MENA [34.58, -94.21]

	01/21/18 23:10 CST		0	Hail (1.25 in)
	01/21/18 23:10 CST		0	Source: Public

POLK COUNTY --- 1.0 E MENA [34.58, -94.21]

	01/21/18 23:10 CST		2K	Thunderstorm Wind (EG 61 kt)
	01/21/18 23:10 CST		0	Source: Public

A house sustained minor roof damage (uplifted shingles and gutter damage) from straight-line winds. Additionally, a trampoline was lifted and displaced approximately 100 yards, sustaining damage as well.

FAULKNER COUNTY --- 1.3 WNW PICKLES GAP [35.14, -92.42]

	01/22/18 00:44 CST		1K	Thunderstorm Wind (EG 52 kt)
	01/22/18 00:44 CST		0	Source: NWS Employee

A house sustained damage. Several roof shingles were blown off. The top of the chimney was blown off. A door was blown in.

FAULKNER COUNTY --- 0.4 SE LINDER [35.18, -92.36], 2.8 NE LINDER [35.20, -92.33]

	01/22/18 00:49 CST		0.10M	Tornado (EF1, L: 2.70 mi , W: 150 yd)
	01/22/18 00:53 CST		0	Source: NWS Storm Survey

The most extensive damage occurred to the Needs Creek Church and adjacent neighborhood. The church suffered extensive roof damage, as did a few homes in the neighborhood. Other damage includes the destruction of outbuildings and minor roof damage to other buildings along the path. Winds in the Needs Creek area were estimated to have been near 100 mph (EF1), the highest estimated for this tornado. Trees and power lines were reported down in the area as well.

FAULKNER COUNTY --- 0.9 NE LINDER [35.19, -92.36]

	01/22/18 00:53 CST		50K	Thunderstorm Wind (EG 70 kt)
	01/22/18 00:53 CST		0	Source: COOP Observer

The roof was blown off Needs Creek Baptist Church east of Springhill. Trees and power lines were reported down in the area as well.

FAULKNER COUNTY --- 0.9 SW LINDER [35.17, -92.38]

	01/22/18 00:53 CST		50K	Thunderstorm Wind (EG 70 kt)
	01/22/18 00:53 CST		0	Source: Fire Department/Rescue

There was a 2 mile swath of damage that started at Arkla Valley and Highway 287. Multiple structures were destroyed, roofs were tore off, and trees and power lines were down.

JEFFERSON COUNTY --- 0.7 N BREWSTER [34.21, -92.02]

	01/22/18 02:38 CST		20K	Thunderstorm Wind (EG 61 kt)
	01/22/18 02:38 CST		0	Source: Social Media

The awning of a gas station at Highway 65 and 425 was destroyed. Power outages were reported on the east side of town near the airport.

During the early morning hours on Sunday 1/21, a line of severe thunderstorms in the form of a quasi linear convective system (QLCS) moved through the state of Arkansas. Damaging wind was recorded from western Arkansas to Pine Bluff, with a single EF1 tornado in the LZK warning area. Additionally, there was a single report of hail in far western Arkansas.