

Storm Data and Unusual Weather Phenomena - May 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
MONROE COUNTY --- 1.3 NW CLARENDON [34.70, -91.31], 0.7 WSW CLARENDON [34.67, -91.31], 1.3 WSW CLARENDON [34.67, -91.32], 1.6 NW CLARENDON [34.69, -91.32]				
	05/01/23 00:00 CST	0		Flood (due to Heavy Rain)
	05/08/23 20:45 CST	0		Source: River/Stream Gage
Minor flooding occurred along the White River at Clarendon beginning in early-February continuing through early May before falling below flood stage.				
PRAIRIE COUNTY --- 0.6 NE DES ARC [34.98, -91.49], 1.0 ENE DES ARC [34.98, -91.48], 1.3 NNE DES ARC [34.99, -91.49], 1.1 NNE DES ARC [34.99, -91.49]				
	05/01/23 00:00 CST	0		Flood (due to Heavy Rain)
	05/02/23 15:20 CST	0		Source: River/Stream Gage
Flooding along the White River at Des Arc began in mid-February continuing through the early part of May before falling below flood stage.				
WOODRUFF COUNTY --- 1.7 NW AUGUSTA [35.29, -91.39], 1.2 WNW AUGUSTA [35.29, -91.39], 1.7 WNW AUGUSTA [35.29, -91.40], 2.1 WNW AUGUSTA [35.30, -91.40]				
	05/01/23 00:00 CST	0		Flood (due to Heavy Rain)
	05/07/23 08:42 CST	0		Source: River/Stream Gage
Minor flooding along the White River at Augusta began in mid-February continuing through early May before falling below flood stage.				
CALHOUN COUNTY --- 7.3 S ARTESIAN [33.30, -92.49], 6.3 S ARTESIAN [33.31, -92.47], 4.7 SSW ARTESIAN [33.34, -92.50], 6.2 SSW ARTESIAN [33.32, -92.51]				
	05/01/23 23:45 CST	0		Flood (due to Heavy Rain)
	05/06/23 02:00 CST	0		Source: River/Stream Gage
Minor flooding was observed in early May at Thatcher L&D on the Ouachita River.				
A wet spring brought on bouts of long duration flooding to some area rivers.				
JEFFERSON COUNTY --- 0.9 NW WATSON CHAPEL [34.19, -92.08]				
	05/07/23 16:25 CST	0		Hail (0.88 in)
	05/07/23 16:25 CST	0		Source: Public
Report from social media.				
JEFFERSON COUNTY --- 3.0 NNW HENSLEE HGTS [34.31, -91.97]				
	05/10/23 12:05 CST	0		Tornado (EFU, L: 0.10 mi , W: 25 yd)
	05/10/23 12:05 CST	0		Source: Public
An extremely brief tornado developed near the intersection of Arkansas highway 79 and 31 north of Pine Bluff, AR. Video footage showed tornado only lasting 30 seconds with swirling dirt and dust in an open field. No EF rating was attainable and there was no damage to survey.				
BOONE COUNTY --- 1.2 NE HARRISON [36.24, -93.10]				
	05/10/23 15:06 CST	0		Thunderstorm Wind (EG 50 kt)
	05/10/23 15:06 CST	0		Source: Social Media
A power line was blown down on the north side of Harrison.				
NEWTON COUNTY --- 1.5 NNE GUM SPG [35.95, -93.16]				
	05/10/23 15:13 CST	0		Thunderstorm Wind (EG 50 kt)
	05/10/23 15:13 CST	0		Source: Social Media
A large tree and multiple powerlines were blown down across a roadway.				
A ridge of high pressure over the middle of the country provided days of dry weather, and monthly rainfall deficits exceeded two inches at Little Rock (Pulaski County). A lifting warm front that retreated back into the far northeastern part of Arkansas as a stationary front brought several, afternoon rounds of pulse severe thunderstorms with hail and damaging winds to the area, including a brief tornado.				

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SALINE COUNTY --- 1.3 WSW ALEXANDER [34.61, -92.46], 1.1 SW ALEXANDER [34.61, -92.46], 1.2 SW ALEXANDER [34.61, -92.46], 1.3 ENE BRYANT [34.61, -92.46]				
	05/11/23 06:41 CST		0	Flash Flood (due to Heavy Rain)
	05/11/23 06:41 CST		0	Source: NWS Employee
A flooded roadway was observed by an NWS employee.				
GARLAND COUNTY --- 0.9 NW PLEASANT HILL [34.46, -93.18], 0.8 NNW PLEASANT HILL [34.46, -93.18], 0.7 NW PLEASANT HILL [34.46, -93.18], 0.8 NW PLEASANT HILL [34.46, -93.18]				
	05/11/23 07:43 CST		0	Flash Flood (due to Heavy Rain)
	05/11/23 07:43 CST		0	Source: Public
Water over the roadway.				
GARLAND COUNTY --- 0.9 NW GARDNER [34.49, -93.09], 0.8 NW GARDNER [34.49, -93.09], 0.8 NW GARDNER [34.49, -93.09], 0.9 NW GARDNER [34.49, -93.09]				
	05/11/23 08:22 CST		0	Flash Flood (due to Heavy Rain)
	05/11/23 08:22 CST		0	Source: Department of Highways
High water completely covered portions of Airport Road near the Hot Springs Airport.				
GARLAND COUNTY --- 0.9 NW MOUNTAIN VLY [34.64, -93.06], 1.3 NNW MOUNTAIN VLY [34.65, -93.06], 1.3 NNW MOUNTAIN VLY [34.65, -93.06], 0.8 NNW MOUNTAIN VLY [34.64, -93.06]				
	05/11/23 09:01 CST		0	Flash Flood (due to Heavy Rain)
	05/11/23 09:01 CST		0	Source: Social Media
High water was up to the edge of businesses along Arkansas Highway 7.				
GARLAND COUNTY --- 0.7 N HOT SPGS [34.51, -93.05]				
	05/11/23 10:00 CST		0	Heavy Rain
	05/11/23 10:00 CST		0	Source: COOP Observer
Observer in Hot Springs measured 6.05 inches of rain over a 24 hour period.				
CLEVELAND COUNTY --- 3.6 SSE STAVES [33.98, -92.26]				
	05/11/23 10:08 CST		0	Thunderstorm Wind (EG 55 kt)
	05/11/23 10:08 CST		0	Source: Emergency Manager
Multiple trees and powerlines were blown down about 3 miles west of Rison along Arkansas Highway 35.				
CLEVELAND COUNTY --- 1.9 ESE CALMER [33.94, -92.00], 1.6 ESE CALMER [33.94, -92.01], 1.8 SE CALMER [33.93, -92.00], 2.1 ESE CALMER [33.94, -92.00]				
	05/11/23 12:15 CST		0	Flash Flood (due to Heavy Rain)
	05/11/23 12:15 CST		0	Source: Department of Highways
Arkansas Highway 114 completely covered by high water near the intersection of Jupiter Lane.				
DALLAS COUNTY --- 0.6 E PRINCETON [33.98, -92.62], 0.2 E PRINCETON [33.98, -92.63], 0.3 SE PRINCETON [33.98, -92.63], 0.6 ESE PRINCETON [33.98, -92.62]				
	05/12/23 09:02 CST		0	Flash Flood (due to Heavy Rain)
	05/12/23 09:02 CST		0	Source: Emergency Manager
Arkansas Highway 9 near Princeton was closed due to high water over the roadway. Several rural roads also water covered near the community of Willow just north of Princeton.				
CLEVELAND COUNTY --- 3.2 ENE TOLEDO [33.94, -92.12], 3.0 ENE TOLEDO [33.94, -92.13], 3.4 ENE TOLEDO [33.94, -92.12], 3.5 ENE TOLEDO [33.94, -92.12]				
	05/12/23 09:04 CST		0	Flash Flood (due to Heavy Rain)
	05/12/23 09:04 CST		0	Source: Public
A portion of Arkansas Highway 114 was closed due to high water.				

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A cold front stalled across the northern counties of Arkansas, and the focus shifted to a storm system headed this way from Texas on the 10th/11th. As the system approached, moisture levels went through the roof. Storm clouds had more than usual moisture to wring out, making them more efficient rain makers. Two to more than four inches of rain dumped from southwest into central sections of Arkansas. In the 48 hour period ending at 700 AM CDT on May 12th contributing to flash flooding.

CLARK COUNTY --- 1.5 ENE ARKADELPHIA [34.12, -93.05], 1.7 E ARKADELPHIA [34.12, -93.04], 1.4 E ARKADELPHIA [34.12, -93.05], 1.3 E ARKADELPHIA [34.12, -93.05]

05/11/23 13:00 CST	0	Flood (due to Heavy Rain)
05/12/23 18:22 CST	0	Source: River/Stream Gage

Heavy rainfall brought minor flooding to the Ouachita River at Arkadelphia in mid-May.

SALINE COUNTY --- 0.5 W BENTON SALINE CO ARP [34.57, -92.61], 0.7 W BENTON SALINE CO ARP [34.57, -92.61], 0.7 WSW BENTON SALINE CO ARP [34.57, -92.61], 0.6 WSW BENTON SALINE CO ARP [34.57, -92.61]

05/11/23 20:40 CST	0	Flood (due to Heavy Rain)
05/12/23 15:42 CST	0	Source: River/Stream Gage

Heavy rainfall brought minor flooding to the Saline River at Benton in mid-May.

CALHOUN COUNTY --- 5.3 S ARTESIAN [33.32, -92.49], 6.4 S ARTESIAN [33.31, -92.47], 6.6 S ARTESIAN [33.31, -92.49], 5.9 SSW ARTESIAN [33.32, -92.50]

05/11/23 22:22 CST	0	Flood (due to Heavy Rain)
05/27/23 17:00 CST	0	Source: River/Stream Gage

Heavy rainfall brought minor flooding to the Ouachita River at Thatcher L&D mid through late May.

OUACHITA COUNTY --- 1.5 NNE CAMDEN [33.60, -92.82], 1.4 NE CAMDEN [33.60, -92.82], 1.2 NNE CAMDEN [33.59, -92.82], 1.3 NNE CAMDEN [33.60, -92.82]

05/12/23 17:40 CST	0	Flood (due to Heavy Rain)
05/20/23 12:52 CST	0	Source: River/Stream Gage

Heavy rainfall brought minor flooding to the Ouachita River at Camden through mid-May.

WOODRUFF COUNTY --- 2.8 WNW AUGUSTA [35.29, -91.42], 1.8 W AUGUSTA [35.28, -91.40], 1.0 WNW AUGUSTA [35.29, -91.39], 1.9 NW AUGUSTA [35.30, -91.39]

05/13/23 01:45 CST	0	Flood (due to Heavy Rain)
05/16/23 12:02 CST	0	Source: River/Stream Gage

Heavy rainfall brought minor flooding to the White River at Augusta in mid-May.

CLARK COUNTY --- 4.7 WSW BRITTS [33.88, -93.31], 4.9 WSW BRITTS [33.87, -93.31], 4.5 WSW BRITTS [33.87, -93.30], 4.4 WSW BRITTS [33.88, -93.30]

05/13/23 06:20 CST	0	Flood (due to Heavy Rain)
05/13/23 13:22 CST	0	Source: River/Stream Gage

Heavy rainfall brought minor flooding to the Little Missouri River at Boughton in mid-May.

Broad northwest flow aloft brought repeated rounds of showers and thunderstorms to Arkansas. A stagnant weather pattern promoted water levels to rise above flood state across portion of Arkansas. Less rainfall was noted later in the month, thus all rivers fell below flood stage before May ended.

MONTGOMERY COUNTY --- 2.8 N ODEN [34.66, -93.77]

05/19/23 17:25 CST	0	Thunderstorm Wind (EG 50 kt)
05/19/23 17:25 CST	0	Source: Trained Spotter

Trees were blown down across Brushy Creek Road.

MONTGOMERY COUNTY --- PENCIL BLUFF [34.63, -93.73]

05/19/23 17:32 CST	0	Thunderstorm Wind (EG 55 kt)
05/19/23 17:32 CST	0	Source: Trained Spotter

Multiple trees were blown down in Pencil Bluff.

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GARLAND COUNTY --- 0.6 W PEARCY [34.43, -93.29]				
	05/19/23 17:46 CST		0	Thunderstorm Wind (EG 50 kt)
	05/19/23 17:46 CST		0	Source: Public
A tree was blown down in Pearcy.				
GARLAND COUNTY --- 0.7 S PINEY [34.50, -93.14]				
	05/19/23 19:30 CST		0	Thunderstorm Wind (EG 50 kt)
	05/19/23 19:30 CST		0	Source: Public
A large tree was blown down near Piney.				
A cold front approached the Arkansas/Oklahoma border during the day on May 19th. Ahead of this cold front, would be an unsettled and unstable airmass that would result in several severe thunderstorms that produced wind damage across western Arkansas.				