

Storm Data and Unusual Weather Phenomena - March 2024

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
DESHA COUNTY --- 0.6 W DUMAS [33.88, -91.49]				
	03/04/24 16:25 CST	0		Thunderstorm Wind (EG 56 kt)
	03/04/24 16:25 CST	0		Source: Law Enforcement
Trees were blown down in the vicinity of Dumas.				
LINCOLN COUNTY --- 0.6 W GARRETT BRIDGE [33.87, -91.66]				
	03/04/24 16:30 CST	0		Thunderstorm Wind (EG 56 kt)
	03/04/24 16:30 CST	0		Source: Fire Department/Rescue
Power poles and power lines were blown down near Garrett Bridge.				
JEFFERSON COUNTY --- 1.1 E ALTHEIMER [34.32, -91.85]				
	03/04/24 16:48 CST	0		Hail (1.25 in)
	03/04/24 16:48 CST	0		Source: Broadcast Media
Half-dollar sized hail fell in the community of Altheimer.				
PULASKI COUNTY --- 1.5 NNE LYNCH [34.89, -92.16]				
	03/04/24 17:52 CST	0		Hail (0.88 in)
	03/04/24 17:52 CST	0		Source: Amateur Radio
Nickel sized hail fell near the vicinity of Gravel Ridge.				
CONWAY COUNTY --- 0.9 NE MORRILTON [35.16, -92.74]				
	03/04/24 19:56 CST	0		Hail (0.75 in)
	03/04/24 19:56 CST	0		Source: Public
A report via mPING of penny-sized hail that fell in Morrilton.				
A cold front moved into Arkansas from the Southern Plains. Temperatures across Arkansas were in the mid 70s and low 80s on the afternoon of March 4th. A handful of thunderstorms developed ahead of the front in which a few became severe. Large hail and damaging winds were common with the storms that became severe across the central and eastern portions of the state.				
BOONE COUNTY --- 0.9 NE HARRISON [36.24, -93.11]				
	03/14/24 15:15 CST	0		Thunderstorm Wind (EG 52 kt)
	03/14/24 15:15 CST	0		Source: Trained Spotter
A few trees were blown down in the town of Harrison.				
SEARCY COUNTY --- ST JOE [36.03, -92.80]				
	03/14/24 15:55 CST	0		Thunderstorm Wind (EG 52 kt)
	03/14/24 15:55 CST	0		Source: Trained Spotter
Multiple large tree limbs were broken off of trees in St. Joe.				
BAXTER COUNTY --- 0.7 S GASSVILLE [36.27, -92.50]				
	03/14/24 16:05 CST	0		Thunderstorm Wind (EG 52 kt)
	03/14/24 16:05 CST	0		Source: Public
Several tree limbs were broken with shingles blown off of a roof in the town of Gassville.				
BAXTER COUNTY --- 1.1 E WHITEVILLE [36.32, -92.46]				
	03/14/24 16:10 CST	0		Hail (1.00 in)
	03/14/24 16:10 CST	0		Source: Public
A report via mPING of quarter-sized hail that fell near Whiteville.				
BAXTER COUNTY --- 2.1 N MOUNTAIN HOME [36.36, -92.38]				

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	03/14/24 16:27 CST		0	Hail (1.00 in)
	03/14/24 16:27 CST		0	Source: Public
A report via mPING of quarter-sized hail that fell in the neighborhood of Spring Lake Estates near Mountain Home.				
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SCOTT COUNTY --- 0.7 N Y CITY [34.74, -94.08]	03/14/24 16:40 CST		0	Hail (1.75 in)
	03/14/24 16:40 CST		0	Source: Emergency Manager
Golf-ball sized hail fell in the town of Y-City.				
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MARION COUNTY --- 1.7 W REA VLY [36.22, -92.56]	03/14/24 17:14 CST		0	Thunderstorm Wind (EG 56 kt)
	03/14/24 17:14 CST		0	Source: Public
Multiple power poles were broken near Rea Valley.				
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SCOTT COUNTY --- 3.5 N CEDAR CREEK [34.83, -93.86]	03/14/24 17:18 CST		0	Hail (1.75 in)
	03/14/24 17:18 CST		0	Source: Trained Spotter
Golf-ball sized hail fell near Cedar Creek.				
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YELL COUNTY --- 0.6 W GRAVELLY [34.88, -93.69]	03/14/24 17:31 CST		0	Hail (3.00 in)
	03/14/24 17:31 CST		0	Source: Public
Large apple sized hail fell in the community of Gravelly.				
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POPE COUNTY --- 3.4 E LONG POOL [35.55, -93.10]	03/14/24 17:34 CST		0	Hail (1.50 in)
	03/14/24 17:34 CST		0	Source: Public
A report via mPING of ping-pong ball sized hail that fell near the Long Pool Campground.				
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POPE COUNTY --- 3.6 ENE GRIMMET SPGS [35.54, -93.09]	03/14/24 17:35 CST		0	Hail (1.50 in)
	03/14/24 17:35 CST		0	Source: Public
Ping-pong ball sized hail fell near the vicinity of Tag.				
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MONTGOMERY COUNTY --- 1.7 W PLATA [34.45, -93.58]	03/14/24 17:51 CST		0	Hail (1.50 in)
	03/14/24 17:51 CST		0	Source: Public
Ping-pong ball sized hail fell near the town of Caddo Gap causing damage to multiple windows and AC units.				
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POLK COUNTY --- 0.6 W MENA [34.58, -94.24]	03/14/24 17:51 CST		0	Hail (1.00 in)
	03/14/24 17:51 CST		0	Source: Public
A report via mPING of quarter-sized hail that fell in Mena.				
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POLK COUNTY --- 2.1 NNW INK [34.61, -94.13]	03/14/24 18:18 CST		0	Hail (1.00 in)
	03/14/24 18:18 CST		0	Source: Public
A report via mPING of quarter-sized hail near Ink.				
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GARLAND COUNTY --- 0.9 NW MOUNTAIN VLY [34.64, -93.06], 1.3 ESE HOT SPRINGS VILLAGE [34.66, -92.98]	03/14/24 18:57 CST		0	Tornado (EF2, L: 4.77 mi , W: 1000 yd)
	03/14/24 19:10 CST		0	Source: NWS Storm Survey

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<p>This tornado touched down just north of the Mountain Valley community near the intersection of Arkansas Highway 7 North and Casual Place. The tornado snapped multiple wooden utility poles in this area, indicating winds of 115 mph (EF-2) during the onset of the tornado. Extensive tree damage was noted as consistent with an EF-2 was observed as the tornado moved into the town of Hot Springs Village with an impressive number of snapped trunks and uprooted trees. Through this area, many homes sustained damage primarily from falling trees as opposed to direct tornado winds. This tornado was rated an EF-2 with maximum estimated winds of 115 mph within Garland County. This tornado continued into Saline County.</p>				
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GARLAND COUNTY --- 1.3 ESE BLAKELY [34.69, -93.05]				
	03/14/24 19:05 CST		0	Hail (2.75 in)
	03/14/24 19:05 CST		0	Source: Public
Baseball-sized hail fell near Jessieville.				
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GARLAND COUNTY --- 1.8 NE MOUNTAIN VLY [34.65, -93.03]				
	03/14/24 19:09 CST		0	Thunderstorm Wind (EG 61 kt)
	03/14/24 19:09 CST		0	Source: Public
A roof was blown off of a house near Hot Springs Village.				
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SALINE COUNTY --- 0.8 SW HOT SPRINGS VILLAGE [34.66, -92.98], 1.1 W BLOCHER [34.68, -92.92]				
	03/14/24 19:10 CST		0	Tornado (EF2, L: 3.76 mi , W: 1000 yd)
	03/14/24 19:19 CST		0	Source: NWS Storm Survey
<p>This tornado continued from Garland County into Saline County near Austurias Way in Hot Springs Village . As the tornado approached Montanoso Circle , the roof of a building along the bluff was blown off and thrown approximately 80 yards to the northeast indicating EF-2 damage (115 mph winds). The tornado then appeared to begin weakening as it continued with mainly EF-1 tree damage before lifting near the intersection of Danville Road and Saline County Road 23100. This tornado was rated an EF-2 with estimated maximum winds of 115 mph within Saline County. This tornado tracked for a total of 8.53 miles across the two counties.</p>				
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GARLAND COUNTY --- HOT SPRINGS VILLAGE [34.67, -93.00]				
	03/14/24 19:28 CST		0	Hail (1.25 in)
	03/14/24 19:28 CST		0	Source: Trained Spotter
Half-dollar sized hail fell in Hot Springs Village.				
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GRANT COUNTY --- 0.9 SW PRATTSVILLE [34.31, -92.56]				
	03/14/24 19:29 CST		0	Hail (1.75 in)
	03/14/24 19:29 CST		0	Source: Public
Golf-ball sized hail fell in the town of Prattsville.				
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MONTGOMERY COUNTY --- 0.7 S STORY [34.69, -93.52]				
	03/14/24 19:35 CST		0	Hail (1.50 in)
	03/14/24 19:35 CST		0	Source: COOP Observer
Ping-pong ball sized hail fell in the community of Story.				
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PULASKI COUNTY --- 2.3 E FERNDALE [34.78, -92.51]				
	03/14/24 20:08 CST		0	Hail (1.00 in)
	03/14/24 20:08 CST		0	Source: Public
Quarter-sized hail fell in the vicinity of Shady Grove on the western side of the Little Rock metro.				
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PULASKI COUNTY --- 1.2 SSW MAUMELLE [34.85, -92.41], 1.1 SSW MAUMELLE [34.85, -92.41], 1.1 SSW MAUMELLE [34.85, -92.41], 1.1 SSW MAUMELLE [34.85, -92.41]				
	03/14/24 21:22 CST		0	Flash Flood (due to Heavy Rain)
	03/14/24 21:22 CST		0	Source: Fire Department/Rescue
Area roadways in a portion of the Maumelle area were flooded and vehicles stalled out as they attempted to drive through the flood waters.				
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PULASKI COUNTY --- 1.9 SSW OLMSTEAD [34.93, -92.22], 1.8 SSW OLMSTEAD [34.93, -92.21], 2.0 SSW OLMSTEAD [34.92, -92.22], 2.0 SSW OLMSTEAD [34.92, -92.22]				

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	03/14/24 22:15 CST		0	Flash Flood (due to Heavy Rain)
	03/14/24 22:15 CST		0	Source: NWS Employee

Debris was noted on a bridge crossing over Leopard Creek that showed the presence of flash flooding near the community of Olmstead.

PULASKI COUNTY --- 2.1 SW OLMSTEAD [34.93, -92.23], 2.2 SW OLMSTEAD [34.93, -92.23], 2.0 SW OLMSTEAD [34.93, -92.22], 2.0 SW OLMSTEAD [34.93, -92.22]

03/14/24 22:15 CST	0	Flash Flood (due to Heavy Rain)
03/14/24 22:15 CST	0	Source: NWS Employee

Debris covered Frenchman Mountain Road along Leopard Creek, indicating flash flooding occurred near the vicinity of Olmstead.

PULASKI COUNTY --- 0.4 W GIBSON [34.88, -92.24], 0.5 W GIBSON [34.88, -92.24], 0.5 W GIBSON [34.88, -92.24], 0.4 W GIBSON [34.88, -92.24]

03/14/24 22:30 CST	0	Flash Flood (due to Heavy Rain)
03/14/24 22:30 CST	0	Source: NWS Employee

The remnants of debris was noted in the vicinity of Gibson with debris on the roadway at the intersection of Batesville Pike and the bridge for Kellogg Creek which was evident of the flash flooding that occurred.

An Enhanced risk of severe weather was issued for a large part of northern and western Arkansas. The Enhanced risk would easily verify as a cold front careened into an unstable atmosphere in place across Arkansas. On March 14th, thunderstorms quickly developed ahead of the front with powerful updrafts and limited shear, but enough shear to produce a tornado in Hot Springs Village. Large hail and damaging winds became widespread across much of the state and the event turned into a flash flooding event as storms trained over the same locations across parts of central and southern Arkansas with efficient rainfall rates conducive for flash flooding.

SALINE COUNTY --- 0.8 WSW BENTON SALINE CO ARP [34.57, -92.61], 0.6 WSW BENTON SALINE CO ARP [34.57, -92.61], 0.6 WSW BENTON SALINE CO ARP [34.57, -92.61], 0.7 W BENTON SALINE CO ARP [34.57, -92.61]

03/15/24 10:22 CST	0	Flood (due to Heavy Rain)
03/15/24 21:05 CST	0	Source: River/Stream Gage

Heavy rain brought minor flooding to Benton on the Saline River on March 15.

CALHOUN COUNTY --- 6.4 S ARTESIAN [33.31, -92.49], 6.2 S ARTESIAN [33.31, -92.49], 6.1 S ARTESIAN [33.31, -92.48], 6.3 S ARTESIAN [33.31, -92.48]

03/16/24 09:12 CST	0	Flood (due to Heavy Rain)
03/24/24 01:15 CST	0	Source: River/Stream Gage

Heavy rain brought minor flooding to Thatcher Lock and Dam on the Ouachita River between the dates of March 16 until March 24.

PERRY COUNTY --- 1.9 SW HOUSTON [35.01, -92.73], 1.8 SW HOUSTON [35.01, -92.72], 1.7 SW HOUSTON [35.01, -92.72], 1.8 SW HOUSTON [35.01, -92.72]

03/16/24 20:18 CST	0	Flood (due to Heavy Rain)
03/17/24 08:40 CST	0	Source: River/Stream Gage

Heavy rain brought minor flooding to Houston along the Fourche LaFave River between the dates of March 16 and March 17.

Heavy rain in mid-March brought a period of river flooding to central and southern Arkansas where minor flood stage was recorded on the Fourche LaFave, Saline, and Ouachita River basins.

YELL COUNTY --- 1.1 NW DANVILLE [35.06, -93.40], 1.1 NW DANVILLE [35.06, -93.39], 1.1 WNW DANVILLE [35.06, -93.40], 1.1 WNW DANVILLE [35.06, -93.40]

03/26/24 07:52 CST	0	Flood (due to Heavy Rain)
03/27/24 09:45 CST	0	Source: River/Stream Gage

Heavy rain led to the Petit Jean River going into minor flood stage at Danville on March 26 and March 27.

WOODRUFF COUNTY --- 1.8 WNW AUGUSTA [35.29, -91.40], 1.6 WNW AUGUSTA [35.29, -91.40], 1.6 NW AUGUSTA [35.29, -91.39], 1.8 NW AUGUSTA [35.29, -91.40]

03/28/24 21:05 CST	0	Flood (due to Heavy Rain)
03/30/24 17:00 CST	0	Source: River/Stream Gage

Heavy rain led to the White River at Augusta going into minor flood stage from March 28 until March 30.

Heavy rain in late-March brought a period of river flooding to western and eastern Arkansas where minor flood stage was recorded on

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the Petit Jean and White River basins.				