

Storm Data and Unusual Weather Phenomena - February 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
(AR-Z032) FAULKNER, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z066) OUACHITA, (AR-Z068) BRADLEY, (AR-Z069) DREW, (AR-Z241) NORTHERN MONTGOMERY COUNTY HIGHER ELEVATIONS, (AR-Z340) SOUTHEAST POLK COUNTY HIGHER ELEVATIONS				
	02/01/23 00:00 CST		0	Ice Storm
	02/02/23 21:15 CST		0	
(AR-Z052) PIKE, (AR-Z140) POLK COUNTY LOWER ELEVATIONS, (AR-Z240) NORTHERN POLK COUNTY HIGHER ELEVATIONS				
	02/01/23 12:40 CST		0	Winter Weather
	02/02/23 21:15 CST		0	
Freezing rain continued into the early portion of February from a system that began in late January. Freezing rain ice accretion was most significant over portions of central and southern Arkansas.				
CALHOUN COUNTY --- 6.4 SSW ARTESIAN [33.31, -92.50], 5.7 S ARTESIAN [33.32, -92.47], 7.9 SSE ARTESIAN [33.29, -92.43], 8.6 S ARTESIAN [33.27, -92.47]				
	02/01/23 00:00 CST		0	Flood (due to Heavy Rain)
	02/28/23 23:59 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Ouachita River at Thatcher Lock and Dam in January that continued into February.				
OUACHITA COUNTY --- 1.9 NNW CAMDEN [33.60, -92.84], 0.9 S WARNER [33.62, -92.80], 2.7 NNE CULLENDALE [33.56, -92.78], 0.9 ENE COLLENDALE [33.55, -92.82]				
	02/01/23 00:00 CST		0	Flood (due to Heavy Rain)
	02/24/23 05:15 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Ouachita River at Camden in January that continued into February.				
WOODRUFF COUNTY --- 0.8 WSW RIVERSIDE [35.28, -91.24], 0.3 ESE RIVERSIDE [35.28, -91.23], 0.5 E PATTERSON [35.25, -91.22], 0.2 W CAVELL [35.25, -91.25]				
	02/01/23 00:00 CST		0	Flood (due to Heavy Rain)
	02/28/23 23:59 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Cache River at Patterson in January that continued into February.				
WOODRUFF COUNTY --- 3.0 WNW AUGUSTA [35.29, -91.42], 1.9 NNE AUGUSTA [35.30, -91.35], 0.8 SE NEW AUGUSTA [35.26, -91.34], 3.4 W RUFFWOOD [35.26, -91.43]				
	02/01/23 00:00 CST		0	Flood (due to Heavy Rain)
	02/06/23 19:52 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the White River at Augusta in January that continued into February.				
MONROE COUNTY --- 3.9 NNE CLARENDON MUNI ARPT [34.70, -91.38], 1.5 W JEFFRIES [34.72, -91.31], 2.0 SE CLARENDON [34.66, -91.28], 2.0 NE ROE [34.65, -91.35]				
	02/01/23 22:00 CST		0	Flood (due to Heavy Rain)
	02/28/23 23:59 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the White River at Clarendon which continued through February.				
Heavy rain in January brought flooding to rivers in south and east Arkansas that continued into February.				
SCOTT COUNTY --- 0.6 E HON [34.93, -94.17], 1.1 SW EVENING SHADE [34.92, -94.14], 1.7 SW EVENING SHADE [34.91, -94.15], 0.3 SSE HON [34.93, -94.18]				
	02/08/23 08:30 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 11:30 CST		0	Source: Department of Highways
Arkansas Department of Transportation closed AR State Highway 80 between highways 28 and 71 due to highwater over the roadway at the confluence of the Poteau River and Jones Creek just northwest of Waldron.				

Storm Data and Unusual Weather Phenomena - February 2023

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YELL COUNTY --- 2.4 NNE BELLEVILLE [35.13, -93.43], 2.1 NNE BELLEVILLE [35.13, -93.44], 2.0 NNE BELLEVILLE [35.13, -93.43], 2.3 NNE BELLEVILLE [35.13, -93.43]				
	02/08/23 09:57 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 12:57 CST		0	Source: Law Enforcement
The Danville chief of police reported a swift water rescue that took place at the intersection of Ideal Lane and AR State Highway 307. They successfully rescued the occupants of a vehicle in high water.				
FAULKNER COUNTY --- 1.8 NW HAMLET [35.10, -92.34], 1.6 NNW HAMLET [35.10, -92.33], 1.3 NW HAMLET [35.10, -92.33], 1.6 NW HAMLET [35.10, -92.34]				
	02/08/23 10:00 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 13:00 CST		0	Source: Fire Department/Rescue
Several homes were inundated with high water along Brien Dr. as relayed by the Liberty Fire Department near Conway.				
WHITE COUNTY --- 0.6 W SEARCY [35.25, -91.76], 0.3 S SEARCY [35.25, -91.75], 0.6 S SEARCY [35.24, -91.75], 0.9 WSW SEARCY [35.25, -91.76]				
	02/08/23 13:20 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 16:20 CST		0	Source: Broadcast Media
Water completely covered several sections of the Beebe Capps Expressway in Searcy.				
YELL COUNTY --- 0.9 NE BELLEVILLE [35.11, -93.44], 1.0 NE BELLEVILLE [35.11, -93.44], 0.7 NE BELLEVILLE [35.11, -93.44], 0.6 NE BELLEVILLE [35.11, -93.44]				
	02/08/23 14:34 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 17:34 CST		0	Source: Public
Arkansas State Hwy. 307 near Bellville was completely under water.				
POPE COUNTY --- 1.8 ENE POTTSVILLE [35.26, -93.02], 1.8 NNE WORTHEN [35.25, -93.02], 1.2 E POTTSVILLE [35.25, -93.03], 1.1 ENE POTTSVILLE [35.25, -93.03]				
	02/08/23 14:35 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 17:35 CST		0	Source: Public
A mudslide was reported along AR State Hwy. 363 between Phillips Rd. and Interstate 40 in Pottsville.				
STONE COUNTY --- 2.8 NNW KAHOKA [35.82, -91.99], 3.1 WNW KAHOKA [35.80, -92.03], 1.8 W KAHOKA [35.78, -92.01], 1.4 NE KAHOKA [35.80, -91.97]				
	02/08/23 15:20 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 15:20 CST		0	Source: Public
Numerous roads were washed out across Stone County, including Misenheimer Rd. or AR State Hwy. 28 near Mountain View.				
SHARP COUNTY --- 1.7 W EVENING SHADE [36.07, -91.65], 2.4 W POUGHKEEPSIE [36.08, -91.52], 2.7 ENE CAVE CITY [35.96, -91.50], 2.4 W COTTON HILL [35.97, -91.64]				
	02/08/23 15:23 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 18:23 CST		0	Source: Public
Numerous roads across Sharp County were reported underwater and impassable.				
IZARD COUNTY --- 1.4 S MELBOURNE [36.05, -91.92], 1.0 S MELBOURNE [36.06, -91.92], 1.5 SE MELBOURNE [36.06, -91.90], 1.8 SE MELBOURNE [36.05, -91.90]				
	02/08/23 15:30 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 18:30 CST		0	Source: Public
Multiple roads were underwater and impassable across Izard County.				
GARLAND COUNTY --- BEAR [34.53, -93.27], 0.6 NNW BEAR [34.54, -93.27], 0.7 WNW BEAR [34.53, -93.28], 0.3 SW BEAR [34.53, -93.27]				
	02/08/23 15:35 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 18:35 CST		0	Source: Amateur Radio
A Ham Radio operator reported that Brady Mountain Rd. was covered by water and impassable from overflow from Bear Creek.				

Storm Data and Unusual Weather Phenomena - February 2023

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CONWAY COUNTY --- 1.1 W PETIT JEAN STATE PARK [35.13, -92.92]				
	02/08/23 15:50 CST		0	Heavy Rain
	02/08/23 15:50 CST		0	Source: Park/Forest Service
Rain measured 6.11 inches at Petit Jean Mountain as of 350 PM CST.				
JACKSON COUNTY --- 1.5 SSE ELGIN [35.73, -91.29], 2.0 ESE ELGIN [35.74, -91.27], 2.8 SE ELGIN [35.72, -91.26], 2.1 SSE ELGIN [35.72, -91.29]				
	02/08/23 16:40 CST		0	Flood (due to Heavy Rain)
	02/08/23 19:40 CST		0	Source: Public
AR State Hwy. 226 was underwater and impassable along with several roads across Jackson County.				
VAN BUREN COUNTY --- 0.7 S CLINTON MUNI ARPT [35.59, -92.45], 1.3 ENE ARGO [35.63, -92.40], 3.2 NNE GREEN TREE [35.56, -92.36], 2.6 S CLINTON [35.54, -92.47]				
	02/08/23 16:52 CST		0	Flood (due to Heavy Rain)
	02/08/23 19:52 CST		0	Source: Public
Multiple roads in the vicinity of Clinton and across the county were underwater and impassable.				
FAULKNER COUNTY --- 4.0 NE FUNSTON [35.09, -92.15], 4.5 NE FUNSTON [35.09, -92.14], 4.2 ENE FUNSTON [35.08, -92.14], 3.5 NE FUNSTON [35.08, -92.15]				
	02/08/23 17:08 CST		0	Flash Flood (due to Heavy Rain)
	02/08/23 20:08 CST		0	Source: Public
Brown Rd. was completely underwater near Vilonia.				
INDEPENDENCE COUNTY --- 1.5 SSE BATESVILLE [35.75, -91.64]				
	02/08/23 17:36 CST		0	Heavy Rain
	02/08/23 17:36 CST		0	Source: Public
Rainfall was measured at 4.17 inches at Batesville as of 536 PM CST.				
Heavy to excessive rain was in the forecast on February 7th/8th, especially in northern and western Arkansas. This was ahead of a storm system in the southern Plains, and north of a nearly stationary front draped across central sections of the state. South of the front, increasing warmth/moisture set the stage for the possibility of severe thunderstorms toward evening on the 8th.				
The placement of the front was obvious as of 300 pm CST on the 8th. North of the front, temperatures were only in the 40s/50s. The thermometer showed 45 degrees at Harrison (Boone County) and 49 degrees at Walnut Ridge (Lawrence County). Readings were in the 60s/70s farther south, with a springlike 78 degrees at Monticello (Drew County), and 79 degrees at Camden (Ouachita County).				
Three to more than six inches of precipitation dumped at many locations in the north/west. Forty eight hour amounts through 600 am CST on the 9th included 6.60 inches at Mountain View (Stone County), 6.03 inches at Big Fork (Polk County), 5.82 inches at Mena (Polk County), 5.66 inches at Hattiesville (Conway County), 5.42 inches at Witts Springs (Searcy County), 5.32 inches at Vandervoort (Polk County), 5.30 inches at Langley (Pike County), 5.24 inches at Damascus (Van Buren County), 5.19 inches at Morrilton (Conway County), 5.18 inches at Danville (Yell County), 5.12 inches at Murfreesboro (Pike County), 5.09 inches at Cushman (Independence County), 5.03 inches at Greers Ferry Dam (Cleburne County), and 5.02 inches at Mount Ida (Montgomery County).				
YELL COUNTY --- 1.0 SE CORINTH [35.06, -93.42], 1.6 NNE DANVILLE [35.07, -93.37], 1.0 NE DANVILLE [35.06, -93.37], 1.6 SSE CORINTH [35.05, -93.42]				
	02/08/23 09:54 CST		0	Flood (due to Heavy Rain)
	02/11/23 17:45 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Petit Jean River at Danville in early February.				
YELL COUNTY --- 1.0 WNW GRAVELLY [34.88, -93.70], 0.8 NW GRAVELLY [34.89, -93.69], 0.4 SE GRAVELLY [34.88, -93.68], 0.5 SW GRAVELLY [34.87, -93.69]				
	02/08/23 15:09 CST		0	Flood (due to Heavy Rain)
	02/09/23 08:30 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Fourche LaFave River at Gravelly in early February.				

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SHARP COUNTY --- 1.5 NNE CHEROKEE VLG [36.32, -91.51], 0.6 NNE HARDY [36.33, -91.47], 1.4 SSE HARDY [36.30, -91.47], 0.6 NE CHEROKEE VLG [36.31, -91.51]				
	02/08/23 19:29 CST		0	Flood (due to Heavy Rain)
	02/08/23 22:18 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the Spring River at Hardy.				
LAWRENCE COUNTY --- 0.9 NNW BLACK ROCK [36.11, -91.10], 1.9 N PORTIA [36.11, -91.07], 1.7 SE POWHATAN [36.06, -91.10], 0.9 WSW POWHATAN [36.07, -91.13]				
	02/08/23 19:37 CST		0	Flood (due to Heavy Rain)
	02/23/23 14:26 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the Black River at Black Rock.				
INDEPENDENCE COUNTY --- 1.8 W CUSHMAN JCT [35.77, -91.71], 0.5 W MOOREFIELD [35.77, -91.58], 1.9 W RUTHERFORD [35.72, -91.58], 1.0 ENE LOCUST GROVE [35.72, -91.71]				
	02/08/23 19:42 CST		0	Flood (due to Heavy Rain)
	02/10/23 12:53 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the White River at Batesville.				
PERRY COUNTY --- 2.0 WSW HOUSTON [35.01, -92.73], 1.6 SW HOUSTON [35.02, -92.72], 2.2 SSW HOUSTON [35.00, -92.72], 2.5 NW OAK GROVE [35.00, -92.73]				
	02/08/23 20:00 CST		0	Flood (due to Heavy Rain)
	02/13/23 20:40 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Fourche LaFave River at Houston in early February.				
RANDOLPH COUNTY --- 6.4 W NOLAND [36.21, -91.18], 4.5 W NOLAND [36.21, -91.15], 5.2 W NOLAND [36.19, -91.16], 6.7 W NOLAND [36.20, -91.19]				
	02/08/23 23:10 CST		0	Flood (due to Heavy Rain)
	02/09/23 20:10 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the Spring River at Imboden.				
SALINE COUNTY --- 1.1 W BENTON SALINE CO ARP [34.57, -92.62], 0.4 ESE BENTON SALINE CO ARP [34.57, -92.59], 2.1 S BENTON SALINE CO ARP [34.54, -92.60], 2.4 N HASKELL [34.53, -92.64]				
	02/09/23 01:30 CST		0	Flood (due to Heavy Rain)
	02/09/23 17:50 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Saline River at Benton in early February.				
WOODRUFF COUNTY --- 3.1 WNW AUGUSTA [35.29, -91.42], 1.9 NNE AUGUSTA [35.30, -91.35], 3.1 S NEW AUGUSTA [35.23, -91.35], 4.0 SW RUFFWOOD [35.23, -91.43]				
	02/09/23 01:55 CST		0	Flood (due to Heavy Rain)
	02/28/23 23:59 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the White River at Augusta.				
WHITE COUNTY --- 1.5 WSW JUDSONIA [35.27, -91.66], 1.4 SE JUDSONIA [35.27, -91.61], 1.7 SSE JUDSONIA [35.26, -91.62], 1.4 NE DONIPHAN [35.26, -91.66]				
	02/09/23 04:09 CST		0	Flood (due to Heavy Rain)
	02/10/23 00:30 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Little Red River at Judsonia in early February.				
CLARK COUNTY --- 1.5 NNE ARKADELPHIA [34.14, -93.06], 2.3 NE ARKADELPHIA [34.14, -93.04], 1.7 NW TUPELO [34.10, -93.02], 1.1 E ARKADELPHIA MUNI ARP [34.10, -93.05]				
	02/09/23 04:34 CST		0	Flood (due to Heavy Rain)
	02/10/23 01:44 CST		0	Source: River/Stream Gage
Heavy rain brought flooding to the Ouachita River at Arkadelphia in early February.				

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RANDOLPH COUNTY --- 0.9 NNE POCAHONTAS [36.27, -90.96], 2.0 ENE POCAHONTAS [36.27, -90.94], 0.9 WSW POCAHONTAS MUNI ARPT [36.23, -90.97], 2.4 SW POCAHONTAS [36.23, -91.00]				
	02/10/23 01:20 CST		0	Flood (due to Heavy Rain)
	02/18/23 10:30 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the Black River at Pocohontas.				
JACKSON COUNTY --- 1.5 NNW JACKSONPORT [35.65, -91.33], 1.2 SSE CAMPBELL STATION [35.65, -91.25], 1.1 SW ERWIN [35.56, -91.24], 0.8 SE NUCKLES [35.56, -91.36]				
	02/10/23 16:00 CST		0	Flood (due to Heavy Rain)
	02/12/23 11:15 CST		0	Source: River/Stream Gage
Heavy rain in the early part of February brought flooding to the White River at Newport.				
Temperatures quickly rebounded by February 7-8 as a strong storm system approached the area. Highs across southern and central Arkansas climbed into the 70s to lower 80s, breaking a few records. There wasn't much severe weather across the state, but a flash flooding event unfolded across roughly the northwest half of the state. Rainfall amounts exceeded 4-6 inches in some locations leading to rapid rises on area rivers. Several rivers across western and northern Arkansas rose quickly above flood stage. The Petit Jean River at Danville provided Major Flooding to areas across Yell County.				
WHITE COUNTY --- 1.3 ESE WATKINS [35.14, -91.46], 2.6 NE GEORGETOWN [35.14, -91.42], 3.0 SE GEORGETOWN [35.09, -91.42], 2.9 SW GEORGETOWN [35.09, -91.48]				
	02/13/23 06:00 CST		0	Flood (due to Heavy Rain)
	02/28/23 10:00 CST		0	Source: River/Stream Gage
Heavy rain in mid February brought flooding to the White River at Georgetown.				
PRAIRIE COUNTY --- 1.8 NNW DES ARC [34.99, -91.51], 2.3 NE DES ARC [35.00, -91.48], 2.2 E HARRYS [34.95, -91.46], 0.4 W HARRYS [34.95, -91.51]				
	02/13/23 23:00 CST		0	Flood (due to Heavy Rain)
	02/28/23 23:59 CST		0	Source: River/Stream Gage
Heavy rain in mid February brought flooding to the White River at Des Arc.				
Heavy rain in mid February brought flooding to the White River.				
NEWTON COUNTY --- 1.1 N FALLSVILLE [35.79, -93.47], 3.6 SW EDWARDS JCT [35.81, -93.42]				
	02/16/23 01:15 CST		0.20M	Tornado (EF1, L: 3.40 mi , W: 200 yd)
	02/16/23 01:22 CST		0	Source: NWS Storm Survey
This tornado touched down approximately one mile north of the community of Fallsville, AR along the ridgeline north of town where it began to track northeastward. Damage consisted of many trees that were snapped or uprooted along with several outbuildings/barns that were damaged or completely destroyed along its path. A few homes had minor structural damage. The tornado lifted just west of Arkansas State Highway 21 after tracking 3.4 miles.				
JOHNSON COUNTY --- 0.9 NE OZONE [35.64, -93.44]				
	02/16/23 01:16 CST		0	Hail (1.75 in)
	02/16/23 01:16 CST		0	Source: Fire Department/Rescue
NEWTON COUNTY --- LURTON [35.77, -93.08]				
	02/16/23 01:52 CST		0	Hail (1.75 in)
	02/16/23 01:52 CST		0	Source: Public
This was a delayed report.				
SEARCY COUNTY --- 2.4 SW PINDALL [36.04, -92.91], 2.4 E PINDALL [36.07, -92.84]				
	02/16/23 01:59 CST		0.10M	Tornado (EF2, L: 4.25 mi , W: 250 yd)
	02/16/23 02:04 CST		0	Source: NWS Storm Survey
Damage consisted of a couple of houses losing roofing material, barns/sheds damaged or destroyed, and numerous trees uprooted or snapped. The trees blocked half a dozen roads, including Highway 65 which was closed temporarily. The most substantial damage was a house moved from its foundation and then partially collapsing. We would like to thank Searcy and Marion County Emergency Management for assistance with the survey .				
SEARCY COUNTY --- 0.9 SE PINDALL [36.06, -92.87]				

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	02/16/23 02:00 CST		0.10M	Thunderstorm Wind (EG 80 kt)
	02/16/23 02:00 CST		0	Source: Law Enforcement

Initial reports of trees and power lines downed were received. Several homes sustained roof damage. This was possibly a tornado.

NEWTON COUNTY --- 2.4 NNE FALLSVILLE [35.80, -93.45]

02/16/23 02:01 CST	0	Thunderstorm Wind (EG 70 kt)
02/16/23 02:01 CST	0	Source: Fire Department/Rescue

Debris was noted along with downed trees near Fallsville. This was possibly a tornado.

MARION COUNTY --- 2.2 WSW VERONA [36.07, -92.84], 3.8 SE BRUNO [36.11, -92.73]

02/16/23 02:04 CST	0.20M	Tornado (EF2, L: 6.72 mi , W: 250 yd)
02/16/23 02:13 CST	2	Source: NWS Storm Survey

Damage consisted of a couple of houses losing roofing material, barns/sheds damaged or destroyed, and numerous trees uprooted or snapped. The trees blocked half a dozen roads, including Highway 65 which was closed temporarily. The most substantial damage was a house moved from its foundation and then partially collapsing. We would like to thank Searcy and Marion County Emergency Management for assistance with the survey .

MARION COUNTY --- 1.4 S BRUNO [36.13, -92.77]

02/16/23 02:10 CST	0.10M	Thunderstorm Wind (EG 78 kt)
02/16/23 02:10 CST	0	Source: Public

Damage to homes were reported along with downed power lines. This was possibly a tornado.

SEARCY COUNTY --- 1.1 WSW CANAAN [35.86, -92.72], 0.3 NE CANAAN [35.87, -92.70]

02/16/23 02:22 CST	10K	Tornado (EF1, L: 1.35 mi , W: 75 yd)
02/16/23 02:25 CST	0	Source: NWS Storm Survey

This tornado touched down near Dakota Rd. and Highway 27. Along the path, trees were uprooted and snapped, , in addition to a roof removed from a small shed. The tornado appears to have dissipated at 225 am CST.

SEARCY COUNTY --- 0.7 N CANAAN [35.88, -92.70]

02/16/23 02:46 CST	0	Thunderstorm Wind (EG 61 kt)
02/16/23 02:46 CST	0	Source: NWS Employee

This a a delayed report. A NWS employee reported large tree limbs down along AR State Highway 27 just southwest of Marshall.

VAN BUREN COUNTY --- 3.0 SSE UNA [35.66, -92.76]

02/16/23 02:53 CST	0	Thunderstorm Wind (EG 70 kt)
02/16/23 02:53 CST	0	Source: NWS Storm Survey

This is a delayed report. A NWS employee on a tornado survey noted several trees down and large limbs snapped along AR State Hwy. 16.

FAULKNER COUNTY --- 0.6 E BESSIE [35.02, -92.56]

02/16/23 03:15 CST	0	Thunderstorm Wind (MG 54 kt)
02/16/23 03:15 CST	0	Source: AWOS

Storms developed from the evening hours on the 15th and continued through the early morning hours on the 16th. Large hail, measured wind gusts above 60 mph and three tornadoes occurred during this event.

This event had two areas of interest. Across the northeast counties, hit and miss thunderstorms popped up, and these were expected to intensify. Meanwhile, a line of storms arrived in the northwest (Ozark Mountains) from Oklahoma, and forecast models showed a weakening trend. In the end, the northeast storms did not amount to much, and storms in the northwest did not fall apart.

The northwest storms showed rotation at times on radar, and Tornado Warnings were issued. This was understandable as values of instability and shear (acquired through balloon launches/soundings) doubled in six hours (from 600 pm CST on the 15th to 1200 am CST on the 16th)! It was a scary situation because the warnings went out in the middle of the night while people were asleep. Three tornadoes were spawned, and tracked through portions of Marion, Newton, and Searcy Counties. The strongest of these (rated EF2) cut a swath from near Pindall (Searcy County) to a few miles southeast of Bruno (Marion County). A house on a hilltop (directly exposed to the wind) shifted off of its foundation and partially collapsed. Another home was heavily damaged (loss of roof and an outer wall), and part of a roof was removed from a third home. Barns and sheds were roughed up or destroyed, and trees were uprooted or snapped. At least a half dozen roads were blocked by tree debris including Highway 65 (which was closed temporarily). A couple of

Storm Data and Unusual Weather Phenomena - February 2023

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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people suffered minor injuries.

The other two tornadoes (rated EF1) hit in and around Canaan (Searcy County) and along Highway 21 northeast of Fallsville (Newton County). Mainly tree damage was noted, especially with the latter tornado. Any structural damage was generally minor.

Other than the tornadoes, golf ball size hail was reported at Lurton (Newton County) and Ozone (Johnson County). A 62 mph gust was measured at Conway Regional Airport (Faulkner County).

SALINE COUNTY --- 0.9 NW BRYANT [34.61, -92.49], 1.4 W COLLEGEVILLE [34.63, -92.49], 1.3 ENE COLLEGEVILLE [34.64, -92.45], 1.2 SW ALEXANDER [34.61, -92.46]

02/24/23 08:00 CST	0	Flash Flood (due to Heavy Rain)
02/24/23 11:00 CST	0	Source: Public

Excessive rain flooded some roads, with water close to several homes. This was a delayed report.

GARLAND COUNTY --- 0.7 N (HOT)HOT SPGS ARPT [34.48, -93.10]

02/24/23 18:00 CST	0	Heavy Rain
02/24/23 18:00 CST	0	Source: ASOS

This is a daily total from 12 am CST to 6 pm CST.

PULASKI COUNTY --- 0.6 E (LIT)LITTLE ROCK ADA [34.73, -92.22]

02/24/23 18:00 CST	0	Heavy Rain
02/24/23 18:00 CST	0	Source: ASOS

This is a daily total from 12 am CST to 6 pm CST.

During the predawn hours of February 24th, a front was stalled along the Gulf Coast, with high pressure and colder air slowly building into Arkansas from the north. Between these two features, a narrow band of showers and thunderstorms set up across the central third of the state.

Several inches of rain came down quickly, and prompted the issuance of Flash Flood Warnings that included Hot Springs (Garland County), Benton (Saline County), and Little Rock (Pulaski County). A video via social media showed flooded roads in a neighborhood in Bryant (Saline County), with water getting close to several homes.

At Little Rock (Pulaski County), 4.19 inches of rain was measured. This was the second most rain on record in February at the site (the highest amount was 6.00 inches on the 28th in 1875). Interestingly, just seven miles to the north, only 1.69 inches of rain fell at the North Little Rock Airport (Pulaski County). This illustrates how limited in extent (from north to south) were the most intense downpours. Hot Springs (Garland County) had 3.13 inches of precipitation, which was the third highest total for the month.