

Storm Data and Unusual Weather Phenomena - November 2020

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
LAWRENCE COUNTY --- 0.6 N BLACK ROCK [36.11, -91.10], 1.2 ENE BLACK ROCK [36.10, -91.08], 0.9 SSE BLACK ROCK [36.09, -91.09], 0.9 NNE POWHATAN [36.09, -91.11]				
	11/01/20 00:00 CST		0	Flood (due to Heavy Rain)
	11/02/20 15:15 CST		0	Source: River/Stream Gage
Flooding continued from the end of October into early November on the Black River at Black Rock.				
WOODRUFF COUNTY --- 0.9 WSW RIVERSIDE [35.27, -91.24], 0.4 SE RIVERSIDE [35.28, -91.22], 0.5 NW PATTERSON [35.26, -91.24], 0.5 NNW CAVELL [35.26, -91.25]				
	11/01/20 00:00 CST		0	Flood (due to Heavy Rain)
	11/12/20 23:00 CST		0	Source: River/Stream Gage
Flooding continued from the end of October into early November on the Cache River at Patterson.				
WOODRUFF COUNTY --- 2.4 WNW AUGUSTA [35.29, -91.41], 1.3 NNE AUGUSTA [35.30, -91.36], 1.1 SSW NEW AUGUSTA [35.26, -91.36], 2.6 WSW RUFFWOOD [35.25, -91.41]				
	11/01/20 00:00 CST		0	Flood (due to Heavy Rain)
	11/06/20 13:30 CST		0	Source: River/Stream Gage
Flooding continued from the end of October into early November on the White River at Augusta.				
Heavy rain brought flooding to the Black, White, and Cache Rivers in eastern Arkansas.				
BAXTER COUNTY --- 0.7 N MOUNTAIN HOME [36.34, -92.38]				
	11/14/20 22:35 CST		0	Thunderstorm Wind (EG 52 kt)
	11/14/20 22:35 CST		0	Source: Social Media
A wind gust was estimated at 60 mph at Mountain Home.				
STONE COUNTY --- 0.6 E MOUNTAIN VIEW [35.87, -92.11]				
	11/15/20 00:10 CST		0	Thunderstorm Wind (EG 52 kt)
	11/15/20 00:10 CST		0	Source: Law Enforcement
A tree and a couple of road signs were blown down.				
LAWRENCE COUNTY --- 0.7 S HOXIE [36.04, -90.98]				
	11/15/20 01:10 CST		0	Thunderstorm Wind (EG 52 kt)
	11/15/20 01:10 CST		0	Source: Law Enforcement
Wind gusts knocked over train cars. The train was stopped when the line of storms moved through Hoxie, AR. These were empty grain cars. A total of 15 cars blew over onto their sides, 3 cars were leaning over.				
LAWRENCE COUNTY --- 3.1 ENE MINTURN [35.99, -90.98]				
	11/15/20 01:10 CST		0	Thunderstorm Wind (EG 52 kt)
	11/15/20 01:10 CST		0	Source: Law Enforcement
Power lines and poles were downed across Lawrence County Road 701 per the Lawrence County Sheriff.				
WHITE COUNTY --- 0.9 SSW ROMANCE [35.22, -92.06], 0.3 SW EVERT [35.22, -92.02]				
	11/15/20 01:15 CST		40K	Tornado (EF1, L: 2.00 mi , W: 150 yd)
	11/15/20 01:17 CST	4	0	Source: NWS Storm Survey
The NWS survey revealed an EF1 tornado that started just west of Wayne Walker Road, rolling a mobile home. Another mobile home was severely damaged off Highland Circle just to the east. Along R. G. Davis Road, a double-wide mobile home was pushed off the block foundation. A mobile home along Reames Road sustained roof damage. Other than damage to mobile homes, several trees were either snapped or uprooted along the path. This tornado lifted just southeast of the intersection of Reames and Blackjack Mountain Road. There were four injuries reported.				
GRANT COUNTY --- 0.9 SW JUNET [34.31, -92.28]				

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	11/15/20 02:15 CST		0	Thunderstorm Wind (EG 52 kt)
	11/15/20 02:15 CST		0	Source: Law Enforcement

Live power lines were down and blocking Highway 270, 5 miles east of Sheridan per Arkansas State Police.

Shortly before 600 pm CST, storms fired up just north of Arkansas, and became severe quickly. By 800 pm CST, severe storms were in far northwest Arkansas, and made headway through much of the region north and west of Little Rock (Pulaski County) by the midnight hour.

Along the way, there was a 60 mph gust near Mountain Home (Baxter County). Numerous trees were downed eight miles northwest of Ozark (Franklin County). Several trees and road signs were knocked down at Mountain View (Stone County). Empty train cars were pushed over at Hoxie (Lawrence County).

Around 115 am CST on the 15th, the focus was on a storm advancing into central sections of the state. There was persistent rotation in the storm, but mostly not strong enough to worry about. However, the rotation tightened briefly, and this resulted in a quick tornado just south of Romance (White County).

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Video footage showed the destruction, with at least one mobile home rolled and demolished. Residents were busy picking up the pieces. This was the forty fifth tornado of the year in Arkansas (more than the usual thirty three tornadoes). Less than a half hour later, the front and storms along it reached Little Rock National Airport (Pulaski County), and a 52 mph gust was measured.

POLK COUNTY --- 1.5 SSE ROCKY [34.56, -94.36]

11/24/20 22:38 CST	0	Thunderstorm Wind (EG 52 kt)
11/24/20 22:38 CST	0	Source: Social Media

A delayed report was received of trees blown down off of County Road 48.

YELL COUNTY --- 1.4 N PLAINVIEW [35.00, -93.30]

11/24/20 23:48 CST	0	Thunderstorm Wind (EG 52 kt)
11/24/20 23:48 CST	0	Source: Emergency Manager

Several trees and power lines were downed just north of Plainview.

On the 24th, a powerful storm system barreled into the middle of the country from the Rockies, and triggered scattered to numerous showers and thunderstorms. Hit and miss precipitation popped up during the evening of the 24th, mainly from western into central Arkansas. That was followed by a line of showers and storms from the late evening into the predawn hours of the 25th.

There was some concern for severe weather, especially with the line of storms. Wind energy was impressive around the aforementioned system. This gave storms a fast forward speed, and this usually increases the chances of strong to damaging winds. Winds also turned with height, with the possibility of a tornado or two. However, the atmosphere was not exactly unstable (warm/moist). Temperatures were only in the 50s/60s, and dewpoints struggled to get into the 50s. This limited the amount of severe weather that occurred.

Statewide, there were only two reports of wind damage. Trees and power lines were downed just north of Plainview (Yell County). Trees were also toppled a mile west-northwest of Potter (Polk County), and there was minor structural damage as well.

WOODRUFF COUNTY --- 0.7 WSW RIVERSIDE [35.27, -91.24], 0.4 S RIVERSIDE [35.27, -91.23], 0.7 NNW PATTERSON [35.26, -91.24], 0.8 NNE CAVELL [35.26, -91.25]

11/30/20 00:00 CST	0	Flood (due to Heavy Rain)
11/30/20 23:59 CST	0	Source: River/Stream Gage

Flooding developed on the 30th on the Cache River at Patterson from heavy rain.

Flooding returned at the end of November on the Cache River at Patterson.