

Storm Data and Unusual Weather Phenomena - July 2021

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

CLEBURNE COUNTY --- 0.6 W HEBER SPGS [35.50, -92.04], 1.6 ESE HEBER SPGS MUNI ARPT [35.51, -91.97], 0.6 SW HEBER SPGS RVR ACRS [35.46, -91.98], 2.7 ESE VALLEY HILL [35.46, -92.08]

07/01/21 17:16 CST	0	Flash Flood (due to Heavy Rain)
07/01/21 20:16 CST	0	Source: Social Media

Flash flooding was reported in the Heber Springs area. Radar estimates and surface observations showed 4 to 5 inches of rain fell, and most of it within an hour.

Showers and thunderstorms were hit and miss on the 1st as the cold front penetrated into the region from Missouri. Rain tended to be the most concentrated in northern/eastern sections of the state, and was the most spotty in the south. In fact, parts of the south got nothing at all.

In the twenty four hour period ending at 600 am CST on the 2nd, 2.04 inches fell at Hot Springs (Garland County), 1.80 inches at Alum Fork (Saline County), 1.73 inches at Gilbert (Searcy County), and 1.70 inches at Alicia (Lawrence County).

INDEPENDENCE COUNTY --- 0.9 SW HUFF [35.62, -91.61]

07/09/21 12:39 CST	0	Hail (1.00 in)
07/09/21 12:39 CST	0	Source: Public

Pea to quarter sized hail was reported.

INDEPENDENCE COUNTY --- 0.7 N SOUTHSIDE [35.71, -91.62]

07/09/21 12:43 CST	0	Hail (0.75 in)
07/09/21 12:43 CST	0	Source: Trained Spotter

One half to three quarter inch hail fell for a few minutes.

INDEPENDENCE COUNTY --- 1.7 E BATESVILLE [35.77, -91.62]

07/09/21 12:49 CST	0	Heavy Rain
07/09/21 12:49 CST	0	Source: AWOS

An AWOS reported 2.26 inches of rain fell in 49 minutes. Of that, 1.13 inches fell in 20 minutes and 2.06 inches fell in 44 minutes.

PULASKI COUNTY --- 1.5 NNW DOUGLASVILLE [34.74, -92.38]

07/10/21 23:00 CST	0	Thunderstorm Wind (EG 61 kt)
07/10/21 23:00 CST	0	Source: Social Media

A social media report showed pictures of several trees down off Kanis Rd. in the Twin Lakes area.

SALINE COUNTY --- 2.4 SSW SARDIS [34.50, -92.42]

07/10/21 23:13 CST	0	Thunderstorm Wind (EG 52 kt)
07/10/21 23:13 CST	0	Source: Emergency Manager

Several small trees were down at a church campground.

LONOKE COUNTY --- 0.9 NW SCOTT [34.70, -92.10]

07/10/21 23:35 CST	0	Thunderstorm Wind (EG 61 kt)
07/10/21 23:35 CST	0	Source: NWS Employee

Some large trees were blown down along Hwy. 161 near Scott.

LONOKE COUNTY --- 3.5 N CULLER [34.70, -91.82]

07/10/21 23:44 CST	0	Thunderstorm Wind (EG 61 kt)
07/10/21 23:44 CST	0	Source: Law Enforcement

The sheriff's office reported trees down on a few roads across Lonoke County.

Another cold front was set to push into Arkansas from the north by the 10th. Preceding the front, it was hot with high temperatures largely in the lower to mid 90s on the 8th. A few spots benefitted from isolated slow moving storms and prolonged downpours. During the early evening of the 8th, Conway (Faulkner County) got an impressive 2.88 inches of precipitation. On the 9th, Newport (Jackson

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County) got just shy of two inches of liquid, racking up 1.95 inches. Batesville (Independence County) received 2.06 inches of rain in 44 minutes, and recorded a 52 mph gust. There was also quarter size hail at Huff (Independence County).

Once the front arrived, storms tended to build to the west of Arkansas (from Oklahoma into Texas), and danced around the northern counties. There was less than a tenth of an inch of rain at Harrison (Boone County), and Mountain Home (Baxter County). A line of storms eventually formed toward central sections of the state as the evening progressed.

The line of storms was generally not severe, but some wind damage occurred toward 11 pm CST as trees were downed or snapped along and just south of Interstate 630 from west Little Rock (Pulaski County) toward the Arkansas State Fairgrounds. Trees were also toppled in parts of Lonoke County between 1100 am CST on the 9th and and 1200 am CST on the 10th.

Rain was the most widespread and heavy during this event in southwest Arkansas. In the twenty four hour period ending at 600 am CST on the 11th, Fordyce (Dallas County) got 1.90 inches of rain, with 1.72 inches at Waldron (Scott County), and 1.62 inches at Antoine (Pike County).

DESHA COUNTY --- KELSO [33.80, -91.27]

07/17/21 08:00 CST	0	Heavy Rain
07/17/21 08:00 CST	0	Source: COOP Observer

The COOP observer at Kelso reported 6.49 inches of rain in the last 24 hours ending at 800 AM CST.

DESHA COUNTY --- ROHWER [33.77, -91.28]

07/17/21 08:45 CST	0	Heavy Rain
07/17/21 08:45 CST	0	Source: COOP Observer

The COOP observer at Rohwer reported 6.55 inches of rain in the last 24 hours ending at 845 AM CST.

DESHA COUNTY --- ROHWER [33.77, -91.28], 0.9 ENE ROHWER [33.77, -91.27], 2.3 S ROHWER [33.74, -91.28], 2.2 SSW ROHWER [33.74, -91.29]

07/17/21 09:45 CST	0	Flash Flood (due to Heavy Rain)
07/17/21 12:45 CST	0	Source: Law Enforcement

Highway 1 was under water and impassible, and eventually closed.

Late on the 16th and into the 17th, downpours developed and remained over the southeast for several hours. By 800 am to 900 am CST on the 17th, the observer at Kelso (Desha County) reported 6.49 inches of precipitation, and Rohwer (Desha County) had 6.55 inches. Near the latter location, Highway 1 was inundated with water and became impassible.

It was the wettest July day at Rohwer (Desha County), and the fourth wettest day all-time locally. It was already the wettest climatological summer (June through August) with more than a month left to go in the season (27.86 inches of rain so far which crushed the previous record of 25.47 inches in 1989).

In the twenty four hour period ending at 600 am CST on the 18th, two to three inch amounts occurred at Alum Fork (Saline County), Cane Creek State Park (Lincoln County), and Malvern (Hot Spring County).

SHARP COUNTY --- 0.9 NW ASH FLAT [36.23, -91.61]

07/31/21 21:15 CST	10K	Thunderstorm Wind (EG 61 kt)
07/31/21 21:15 CST	0	Source: Law Enforcement

Damaging winds destroyed a metal carport and caused sporadic damage, including tree damage, in the city of Ash Flat. The time was estimated from radar.

As the month ended, high pressure was set to relocate to the western states and away from Arkansas. This allowed one last cold front to slide this way from the north. During the evening of the 31st, scattered thunderstorms formed near the Missouri border close to the front.

One storm became severe, and produced winds strong enough to destroy a metal carport and topple trees. This was far from the pounding (from damaging wind/isolated tornadoes) states to the north/east endured in recent days.