

## Storm Data and Unusual Weather Phenomena - November 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Central and North Central</b>				
<b>OUACHITA COUNTY --- 0.7 N EAST CAMDEN [33.61, -92.74]</b>				
	11/03/17 14:17 CST	0		Hail (1.75 in)
	11/03/17 14:17 CST	0		Source: Law Enforcement
<b>OUACHITA COUNTY --- 0.7 N EAST CAMDEN [33.61, -92.74]</b>				
	11/03/17 14:25 CST	0		Thunderstorm Wind (EG 52 kt)
	11/03/17 14:25 CST	0		Source: Social Media
A tree fell on a house. Nobody was home at the time.				
<b>JEFFERSON COUNTY --- 1.9 WNW ELLISON [34.34, -91.95]</b>				
	11/03/17 14:45 CST	0		Hail (1.50 in)
	11/03/17 14:45 CST	0		Source: Social Media
<b>JEFFERSON COUNTY --- 0.7 N REDFIELD [34.44, -92.18]</b>				
	11/03/17 15:55 CST	0		Hail (1.25 in)
	11/03/17 15:55 CST	0		Source: Social Media
<b>JEFFERSON COUNTY --- 0.7 N REDFIELD [34.44, -92.18]</b>				
	11/03/17 16:00 CST	0		Hail (0.75 in)
	11/03/17 16:00 CST	0		Source: Social Media
<b>SALINE COUNTY --- 3.0 NNE NEW SUMMIT [34.67, -92.51]</b>				
	11/03/17 16:12 CST	0		Hail (0.75 in)
	11/03/17 16:12 CST	0		Source: Social Media
<b>BRADLEY COUNTY --- 0.7 S WARREN [33.61, -92.07]</b>				
	11/03/17 16:29 CST	0		Hail (1.00 in)
	11/03/17 16:29 CST	0		Source: Social Media
Hail damaged some cars.				
<p>The month started with an unstable situation on the 3rd. A cold front drifted into Arkansas from the north. The front separated springlike air to its south from much cooler air over the northern counties. Afternoon temperatures stayed in the 50s at Harrison (Boone County). Meanwhile, the mercury hit 85 degrees at Little Rock (Pulaski County). This was the second warmest day on record in November, and only a degree away from the 86 degree mark reached on the 13th in 1955.</p> <p>Scattered thunderstorms developed in the afternoon, mainly from central into southeast sections of the state. Some of the storms were severe, with mainly hail reported. Golf ball size hail pelted East Camden (Ouachita County). Damaging winds also downed trees, with one tree on a house. Ping pong ball size hail fell a few miles south of Sherrill (Jefferson County), with half dollar size hail at Redfield (Jefferson County), and quarter size hail at Warren (Bradley County).</p>				
<b>CLEBURNE COUNTY --- 1.3 WSW CONCORD [35.66, -91.85]</b>				
	11/06/17 08:48 CST	0		Hail (1.00 in)
	11/06/17 08:48 CST	0		Source: Broadcast Media
Broadcast media shared a report of quarter sized hail at the Concord school in Cleburne County via a picture on Twitter.				
<b>FAULKNER COUNTY --- GUY [35.32, -92.33]</b>				
	11/06/17 09:20 CST	0		Hail (0.88 in)
	11/06/17 09:20 CST	0		Source: Trained Spotter
Nickel sized hail in Guy.				
<b>WHITE COUNTY --- 1.7 W KENSETT [35.23, -91.70]</b>				
	11/06/17 10:43 CST	0		Hail (1.25 in)
	11/06/17 10:43 CST	0		Source: Trained Spotter

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A storm spotter submitted a report of half-dollar sized hail, from the NWS webpage.

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**WHITE COUNTY --- DONIPHAN [35.25, -91.68]**

	11/06/17 10:43 CST	0	Hail (0.88 in)
	11/06/17 10:43 CST	0	Source: Public

The public reported nickel sized hail at the Starbucks on the east side of Searcy.

On the 6th, the front returned to Arkansas. The front triggered hit and miss thunderstorms, mainly north of Little Rock (Pulaski County). A few of the storms dumped hail. Half dollar size hail was reported near Kensett (White County), with quarter size hail at Concord (Cleburne County), and nickel size hail at Guy (Faulkner County).

Several spots got over an inch of rain. At Searcy (White County), 1.84 inches of precipitation was measured, with 1.70 inches at Augusta (Woodruff County), 1.32 inches at Damascus (Van Buren County), and 1.22 inches at Hattiesville (Conway County).

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**(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z030) LOGAN, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING**

	11/07/17 00:00 CST	0	Drought
	11/30/17 23:59 CST	0	

Dry conditions have persisted over much of Arkansas during the last three months (September, October, November). Much of the state was running less than 50 percent of normal rainfall for the month, and for the fall season (September 1 - November 30). November 2017, and the fall of 2017 are the driest on record in several localities across the state. This dry period has resulted in the development of severe to extreme drought conditions across the state.

As of November 30th, there was a high wildfire danger across all of Arkansas due to dry vegetation and soil moisture conditions across the state. Streamflow along area tributaries was below normal at most sites, but was especially low in the southern and western portions of the state. The impacts of drought on agriculture are difficult to measure at this time of year when the vegetation is normally dormant anyways. If drought conditions persist into the spring and growing season, economic impacts will likely be steep.

November 2017 was the driest November on record at the following stations: North Little Rock, Little Rock Air Force Base, and Monticello.

Fall of 2017 was the driest on record for the following locations: Pine Bluff, North Little Rock, Russellville, Little Rock Air Force Base, Calico Rock 2 WSW, Mount Ida, and Monticello.

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**(AR-Z012) NEWTON, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z041) MONTGOMERY, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z069) DREW**

	11/14/17 00:00 CST	0	Drought
	11/30/17 23:59 CST	0	

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**(AR-Z032) FAULKNER, (AR-Z044) PULASKI, (AR-Z045) LONOKE**

	11/18/17 13:00 CST	1K	Strong Wind (MAX 43 kt)
	11/18/17 15:15 CST	0.50K	

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After a cold front and any rain exited Arkansas to the east, winds shifted to the west and northwest and were gusty. Wind and Lake Wind Advisories were posted as gusts peaked from 40 to more than 50 mph.

At Newport (Jackson County), there was a 61 mph gust at 148 pm CST. A 49 mph gust was measured at Clinton (Van Buren County) and Stuttgart (Arkansas County), a 47 mph gust at Little Rock (Pulaski County), and a 46 mph gust at Russellville (Pope County). Roughly 11,000 power outages were blamed on the wind, and tree limbs were downed. Near Conway (Faulkner County), a section of fence was flattened.

**(AR-Z022) POPE, (AR-Z033) WHITE, (AR-Z068) BRADLEY**

11/21/17 00:00 CST	0	Drought
11/30/17 23:59 CST	0	

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**(AR-Z021) JOHNSON**

11/28/17 00:00 CST	0	Drought
11/30/17 23:59 CST	0	

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