

## Storm Data and Unusual Weather Phenomena - August 2012

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

**(AR-Z042) GARLAND**

08/01/12 00:00 CST	0	Wildfire
08/03/12 10:30 CST	0	

The "Mt. Riente Fire" began on July 29th southwest of Lake Hamilton in Garland County. Several fire departments, the Arkansas Forestry Commission, and the U.S. Forest Service fought the fire. In addition, the Arkansas National Guard used Black Hawk helicopters to drop water. Fire engines were stationed at homes in the area. The fire was finally controlled on August 3rd, after burning 355 acres.

**(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z030) LOGAN, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW**

08/01/12 00:00 CST	1	0	Heat
08/05/12 20:00 CST		0	

Direct Fatalities: F1VE

Most of Arkansas was under extreme or exceptional drought as August began. Unusual heat also continued into the beginning of the month. From the 1st through the 5th, high temperatures were 100 degrees or higher at many reporting stations. The highest temperatures during this time frame were 108 at Cabot and Silver Hill; 107 at Russellville, Conway, Booneville forestry station, and Oden; 106 at Little Rock, DeGray Lake State Park, Dardanelle, Subiaco, Morrilton, Leola, Malvern, Nimrod Dam, and Jessieville. After the first few days of the month, the high pressure aloft that had caused hot weather throughout July shifted to the west. This allowed at least some scattered showers and thunderstorms from time to time, and heat indices gradually dropped below 105 in most areas. On the 3rd, a 16 month-old girl died in a hot car in Newport (Jackson Co.). According to police reports, the father was supposed to drop the baby off at daycare but forgot to do so. Thus, the baby remained in the car all day and was not discovered in the car until late afternoon. The high temperature at Newport that day reached 96 degrees and the heat index reached 106. The father was arrested at the scene and charged with negligent homicide.

**(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z030) LOGAN, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW**

08/01/12 00:00 CST	0	Drought
08/31/12 23:59 CST	0	

At the beginning of August, most of Arkansas was under extreme or exceptional drought. After a brief heat wave at the beginning of the month, the weather returned closer to a normal weather pattern, with weather systems bringing at least scattered showers and thunderstorms from time to time. By the end of the month, there had been slight improvement in the drought in parts of western and central Arkansas. During the month, the Arkansas Forestry Commission fought 425 fires, which burned 7721 acres. There were hundreds of additional, smaller fires fought by city fire departments and rural volunteer departments. The passage of Tropical Depression Isaac at the end of the month brought more substantial rainfall and consequent improvement in the drought. The drought improvement was reflected in the first Drought Monitor issued in September and will thus appear in September's Storm Data.

**BOONE COUNTY --- 1.6 N HARRISON [36.25, -93.12]**

08/01/12 16:10 CST	0.10M	Thunderstorm Wind (EG 56 kt)
08/01/12 16:10 CST	0	Source: Law Enforcement

Part of the metal roof was blown off a business, the roof was taken off a pawn shop, power poles were snapped, and power lines and business signs were blown down.

**MARION COUNTY --- 1.6 ESE BULL SHOALS [36.37, -92.55]**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/01/12 16:48 CST		3M	Thunderstorm Wind (EG 56 kt)
	08/01/12 16:48 CST		0	Source: Law Enforcement

One boat dock was overturned onto another dock, and several additional boat docks were damaged. Dozens of boats were damaged or destroyed; some of the boats sank. Trees and power lines were blown down.

### MARION COUNTY --- YELLVILLE [36.23, -92.68]

	08/01/12 17:09 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/01/12 17:09 CST		0	Source: Public

Several large trees were blown down, with one of the trees landing on a house.

### FULTON COUNTY --- VIOLA [36.38, -91.98]

	08/01/12 17:34 CST		50K	Thunderstorm Wind (EG 56 kt)
	08/01/12 17:34 CST		0	Source: Law Enforcement

Tin roofing was removed from several houses. Trees and power lines were blown down. Some power poles were snapped.

### FULTON COUNTY --- 3.5 NW FLINT SPRINGS [36.44, -91.97]

	08/01/12 17:36 CST		0.10M	Thunderstorm Wind (EG 65 kt)
	08/01/12 17:36 CST		0	Source: Emergency Manager

In the Mt. Calm area, trees and power lines were blown down, two homes and two barns were damaged, and a tractor-trailer and a horse trailer were blown over.

### FULTON COUNTY --- SALEM [36.37, -91.82]

	08/01/12 17:43 CST		0.10M	Thunderstorm Wind (MG 57 kt)
	08/01/12 17:43 CST		0	Source: Utility Company

Tin roofing was removed from several structures, especially on the west side of Salem. Numerous trees and power lines were blown down.

### SHARP COUNTY --- 2.7 NW KING MILLS [36.23, -91.55]

	08/01/12 18:17 CST		0.10M	Thunderstorm Wind (EG 56 kt)
	08/01/12 18:17 CST		0	Source: Trained Spotter

Many trees were blown down, with some of the trees landing on houses and vehicles. Power lines and power poles were blown down.

### WHITE COUNTY --- 1.7 NNW HOLLY SPGS [35.37, -91.77]

	08/02/12 04:15 CST		50K	Lightning
	08/02/12 04:15 CST		0	Source: Emergency Manager

Lightning is believed to have started a house fire northeast of Albion. The house burned nearly to the ground. The sole resident, an 85 year-old woman, was killed.

**High pressure, which had been nearly stationary over Arkansas, shifted to the west, allowing areas of low pressure aloft to move southeastward into Arkansas periodically. Scattered thunderstorms developed with each of the low pressure areas and isolated storms became severe on the 1st and 2nd.**

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*An 85 year-old woman lost her life in a house fire near Albion, AR (White Co.) early on the morning of August 2, 2012. Investigators believe the fire was started by lightning. Photo by John Robinson, WCM, WFO Little Rock.*

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**(AR-Z021) JOHNSON**

08/01/12 20:00 CST	0	Wildfire
08/06/12 16:00 CST	0	

The "Hess Knob Fire" was started by lightning 5 miles northeast of Hagarville in Johnson County in the Ozark National Forest on the 1st and was contained on the 6th. Altogether, 1438 acres burned.

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**(AR-Z044) PULASKI**

08/05/12 12:00 CST	0	Wildfire
08/08/12 20:00 CST	0	

A wildfire began at Camp Robinson in Pulaski County on the 5th, having been caused by practice on the firing range. The fire was contained on the 5th, but rekindled on the 7th. A back burn was set to contain the fire. On the 8th, thunderstorms moved through, dousing the fire. Altogether, 700 acres burned.

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**GARLAND COUNTY --- 0.4 NNW HOT SPGS [34.51, -93.05]**

08/05/12 13:35 CST	2.50M	Thunderstorm Wind (EG 70 kt)
08/05/12 13:35 CST	1	Source: NWS Storm Survey

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<p>A microburst struck downtown Hot Springs, doing considerable damage. A hotel had a large hole, approximately 30 feet by 20 feet, punched in its facade. A bank had windows blown out. A skywalk between two buildings was badly damaged with a lot of material hanging out of the bottom (over the street) and windows blown out. A motorcyclist suffered minor injuries after he took shelter under the skywalk and was hit by flying debris. A used car dealership in a 65 year-old building had one wall caved in and numerous windows blown out. Most of the cars that were for sale were damaged. A nearby tire shop had all of its front windows blown out. A theater had damage to its marquee and a large ceramic planter was blown through a wall. The cornice of one building was blown off, scattering bricks across an adjacent parking lot. A radio tower was bent over the roof of the central fire station. Another radio tower, belonging to an ambulance service, was also bent over. At least two dozen businesses and residences suffered roof damage. A number of very large trees were blown down. One of these fell against a house and was so large that a mobile crane was brought in to remove it. Numerous power lines were blown down, leaving thousands of people without power.</p>				

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**HOT SPRING COUNTY --- 1.5 NNE JONES MILL [34.45, -92.87]**

08/05/12 13:50 CST	20K	Thunderstorm Wind (EG 56 kt)
08/05/12 13:50 CST	0	Source: Law Enforcement

Trees and power lines were blown down.

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**GARLAND COUNTY --- 0.4 NW HOT SPGS [34.50, -93.05]**

08/05/12 14:03 CST	0	Hail (1.00 in)
08/05/12 14:03 CST	0	Source: Emergency Manager

Hail fell in the downtown area.

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**SALINE COUNTY --- 2.4 W LONSDALE [34.55, -92.82]**

08/05/12 14:15 CST	5K	Thunderstorm Wind (EG 52 kt)
08/05/12 14:15 CST	0	Source: Law Enforcement

Trees were blown down onto U.S. 70.

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**SALINE COUNTY --- 2.6 SSE SLOCOMB [34.50, -92.71]**

08/05/12 14:19 CST	5K	Thunderstorm Wind (EG 52 kt)
08/05/12 14:19 CST	0	Source: Public

Trees were blown down near Interstate 30 at the 107 mile marker.

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**PIKE COUNTY --- 1.0 S GLENWOOD [34.31, -93.55]**

08/05/12 14:20 CST	5K	Thunderstorm Wind (EG 52 kt)
08/05/12 14:20 CST	0	Source: Law Enforcement

Several trees were blown down.

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**GRANT COUNTY --- TULL [34.45, -92.57]**

08/05/12 14:40 CST	0	Hail (1.00 in)
08/05/12 14:40 CST	0	Source: Public

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**CLARK COUNTY --- 3.0 S AMITY [34.23, -93.45]**

08/05/12 14:45 CST	5K	Thunderstorm Wind (EG 52 kt)
08/05/12 14:45 CST	0	Source: Emergency Manager

Several trees were blown down in the western part of Clark County.

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**HOT SPRING COUNTY --- 2.7 WNW ROLLA [34.21, -92.77]**

08/05/12 14:53 CST	1K	Thunderstorm Wind (EG 52 kt)
08/05/12 14:53 CST	0	Source: Law Enforcement

A tree was blown down.

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**POLK COUNTY --- 3.5 WNW HARTLEY [34.38, -94.23]**

08/05/12 14:57 CST	10K	Thunderstorm Wind (EG 52 kt)
08/05/12 14:57 CST	0	Source: Law Enforcement

Trees were blown down in Cossatot River State Park.

## Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>MONTGOMERY COUNTY --- MT IDA [34.55, -93.63]</b>				
	08/05/12 15:00 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/12 15:00 CST		0	Source: COOP Observer
Trees were blown down.				
<b>CLARK COUNTY --- HOLLYWOOD [34.10, -93.25]</b>				
	08/05/12 15:30 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/05/12 15:30 CST		0	Source: Law Enforcement
A tree was blown down at Hollywood.				
<b>GRANT COUNTY --- GRAPEVINE [34.15, -92.32]</b>				
	08/05/12 15:31 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/12 15:31 CST		0	Source: Law Enforcement
Power lines were blown down.				
<b>CLARK COUNTY --- GURDON [33.92, -93.15]</b>				
	08/05/12 16:02 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	08/05/12 16:02 CST		0	Source: Trained Spotter
Large oak trees were snapped and uprooted. Shingles were removed from several structures and tin roofing was ripped off and thrown 500 feet. Power lines and power poles were knocked down. Several trees fell into an electric substation, knocking out power to most of the Gurdon area. A tractor-trailer truck was blown off the road.				
<b>CLEVELAND COUNTY --- 9.4 WSW STAVES [33.96, -92.42]</b>				
	08/05/12 16:12 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/12 16:12 CST		0	Source: Law Enforcement
Trees were blown down.				
<b>CLEVELAND COUNTY --- KINGSLAND [33.85, -92.30]</b>				
	08/05/12 16:12 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/12 16:12 CST		0	Source: Law Enforcement
Trees were blown down.				
<b>OUACHITA COUNTY --- CHIDESTER [33.70, -93.02]</b>				
	08/05/12 16:48 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/05/12 16:48 CST		0	Source: Law Enforcement
Trees were blown down.				
<b>CLARK COUNTY --- GURDON [33.92, -93.15]</b>				
	08/06/12 13:40 CST		25K	Thunderstorm Wind (EG 61 kt)
	08/06/12 13:43 CST		0	Source: NWS Storm Survey
A severe storm struck Gurdon for the second day in a row, knocking out power once again. Trees and power lines were blown down. One tree fell on U.S. 67 just north of Gurdon while another fell a couple of miles north of town, taking down power, phone, and cable lines. A plate glass window was blown out of a store downtown.				
<b>HOT SPRING COUNTY --- 1.3 ENE EBENEZER [34.33, -92.81]</b>				
	08/06/12 14:10 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/06/12 14:10 CST		0	Source: NWS Storm Survey
A number of large tree limbs were blown down.				
<b>BRADLEY COUNTY --- 1.0 SE HERMITAGE [33.44, -92.17]</b>				
	08/06/12 15:04 CST		10K	Thunderstorm Wind (EG 52 kt)
	08/06/12 15:04 CST		0	Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Trees were blown down on Arkansas 160. Power outages occurred in Hermitage.				
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<b>BRADLEY COUNTY --- JOHNSVILLE [33.37, -92.02]</b>				
	08/06/12 15:15 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/06/12 15:15 CST		0	Source: Law Enforcement
Trees were blown down.				
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<b>CLEVELAND COUNTY --- 0.5 ESE MT ZION [34.03, -92.11]</b>				
	08/06/12 15:30 CST		2K	Thunderstorm Wind (EG 52 kt)
	08/06/12 15:30 CST		0	Source: Law Enforcement
Trees were blown down onto Arkansas 133.				
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<b>POLK COUNTY --- COVE [34.43, -94.42]</b>				
	08/07/12 14:30 CST		0	Hail (1.00 in)
	08/07/12 14:30 CST		0	Source: Law Enforcement
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<b>POLK COUNTY --- COVE [34.43, -94.42]</b>				
	08/07/12 14:30 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/07/12 14:30 CST		0	Source: Law Enforcement
Trees were blown down.				
 <b>A cold front moved into Arkansas on the 5th, sparking a number of severe thunderstorms. On the 6th and 7th, the front had weakened but remained in the state, setting off a few more severe storms.</b>				

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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*A severe thunderstorm in downtown Hot Springs, AR (Garland Co.) on the afternoon of August 5, 2012, knocked a huge hole in the side of a hotel. Photo by John Robinson, WCM, WFO Little Rock.*

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**HOT SPRING COUNTY --- 3.0 SSW POINT CEDAR [34.29, -93.34]**

08/08/12 14:20 CST	0		Hail (1.00 in)
08/08/12 14:20 CST	0		Source: Public

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**HOT SPRING COUNTY --- 3.0 SSW POINT CEDAR [34.29, -93.34]**

08/08/12 14:20 CST	5K		Thunderstorm Wind (EG 52 kt)
08/08/12 14:20 CST	0		Source: Public

Some trees were blown down.

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**CLARK COUNTY --- 1.9 N CENTER POINT [34.00, -93.18]**

08/08/12 15:15 CST	5K		Thunderstorm Wind (EG 56 kt)
08/08/12 15:15 CST	0		Source: Emergency Manager

Some trees were blown down.

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**FAULKNER COUNTY --- CONWAY [35.08, -92.45]**

08/08/12 16:40 CST	5K		Thunderstorm Wind (EG 52 kt)
08/08/12 16:40 CST	0		Source: Amateur Radio

A privacy fence and a few trees were blown down.

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<b>PULASKI COUNTY --- NORTH LITTLE ROCK [34.77, -92.25]</b>				
	08/08/12 16:52 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/08/12 16:52 CST		0	Source: Law Enforcement
A number of power lines were blown down in North Little Rock.				
<b>PULASKI COUNTY --- 0.2 SE LITTLE ROCK [34.73, -92.28]</b>				
	08/08/12 17:01 CST		3K	Thunderstorm Wind (EG 52 kt)
	08/08/12 17:01 CST		0	Source: Public
Trees were blown down.				
<b>A weak area of low pressure aloft moved in from the west and collided with heat and humidity over Arkansas. The result was a few severe thunderstorms, mainly over the western half of the state.</b>				
<b>CLARK COUNTY --- ARKADELPHIA [34.12, -93.07]</b>				
	08/09/12 16:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/09/12 16:50 CST		0	Source: Utility Company
Tree limbs were blown down onto a power line, causing power outages.				
<b>DREW COUNTY --- COLEMAN [33.77, -91.75]</b>				
	08/09/12 19:06 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/09/12 19:06 CST		0	Source: Law Enforcement
Thunderstorm winds blew trees down.				
<b>DREW COUNTY --- 2.3 ESE ROSE HILL [33.66, -91.78]</b>				
	08/09/12 19:25 CST		10K	Thunderstorm Wind (EG 56 kt)
	08/09/12 19:25 CST		0	Source: Emergency Manager
Trees were blown down on Arkansas 83.				
<b>DREW COUNTY --- MONTICELLO [33.63, -91.80]</b>				
	08/09/12 19:30 CST		25K	Thunderstorm Wind (MG 55 kt)
	08/09/12 19:32 CST		0	Source: Law Enforcement
Numerous trees and power lines were blown down in Monticello. The automated weather station at the airport measured a wind gust to 63 mph at 8:32 PM CDT.				
<b>DREW COUNTY --- COMINTO [33.55, -91.63]</b>				
	08/09/12 19:45 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/09/12 19:45 CST		0	Source: Law Enforcement
Trees were blown down.				
<b>A cold front moving through Arkansas set off a few severe thunderstorms in southern Arkansas during the late afternoon and evening hours on the 9th.</b>				
<b>JOHNSON COUNTY --- CLARKSVILLE [35.47, -93.47]</b>				
	08/13/12 00:00 CST		0	Hail (0.88 in)
	08/13/12 00:00 CST		0	Source: Law Enforcement
<b>FAULKNER COUNTY --- 1.0 NW CONWAY [35.09, -92.46]</b>				
	08/13/12 02:00 CST		0	Heavy Rain
	08/13/12 06:00 CST		0	Source: CoCoRaHS
Rainfall measured 2.70 inches in 4 hours.				
<b>FAULKNER COUNTY --- 1.0 S CONWAY [35.07, -92.45]</b>				
	08/13/12 02:00 CST		0	Heavy Rain
	08/13/12 06:00 CST		0	Source: CoCoRaHS

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Rainfall measured 2.67 inches in 4 hours.

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**FAULKNER COUNTY --- 2.0 ESE MAYFLOWER [34.94, -92.40]**

08/13/12 02:00 CST	0	Heavy Rain
08/13/12 07:00 CST	0	Source: CoCoRaHS

Rainfall measured 3.65 inches in 5 hours.

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**FAULKNER COUNTY --- 3.0 SSE CONWAY [35.04, -92.43]**

08/13/12 02:00 CST	0	Heavy Rain
08/13/12 07:00 CST	0	Source: CoCoRaHS

Rainfall measured 2.79 inches in 5 hours.

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**FAULKNER COUNTY --- CONWAY [35.08, -92.45]**

08/13/12 02:04 CST	25K	Thunderstorm Wind (EG 56 kt)
08/13/12 02:04 CST	0	Source: Law Enforcement

Trees were blown down.

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**FAULKNER COUNTY --- MAYFLOWER [34.95, -92.43]**

08/13/12 02:05 CST	10K	Thunderstorm Wind (EG 52 kt)
08/13/12 02:05 CST	0	Source: Law Enforcement

Trees were blown down.

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**PULASKI COUNTY --- (LRF)LITTLE ROCK AFB [34.92, -92.15]**

08/13/12 02:24 CST	5K	Thunderstorm Wind (EG 52 kt)
08/13/12 02:24 CST	0	Source: Other Federal Agency

Trees were blown down at the Air Force Base.

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**PULASKI COUNTY --- 0.6 E WARSAW [34.95, -92.14]**

08/13/12 02:25 CST	1K	Thunderstorm Wind (EG 52 kt)
08/13/12 02:25 CST	0	Source: NWS Employee

Tree limbs were blown down.

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**LONOKE COUNTY --- 2.0 SE SOUTH BEND [34.83, -92.02]**

08/13/12 03:00 CST	0	Heavy Rain
08/13/12 06:00 CST	0	Source: CoCoRaHS

Rainfall measured 2.70 inches in 3 hours.

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**PULASKI COUNTY --- 0.5 SE MARCHE [34.87, -92.34]**

08/13/12 03:00 CST	0	Heavy Rain
08/13/12 06:00 CST	0	Source: NWS Employee

Rainfall measured 2.68 inches in 3 hours.

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**PULASKI COUNTY --- 1.0 WSW GIBSON [34.87, -92.25]**

08/13/12 03:00 CST	0	Heavy Rain
08/13/12 05:00 CST	0	Source: NWS Employee

Rainfall measured 2.96 inches in 2 hours.

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**PULASKI COUNTY --- 2.0 NW SHERWOOD [34.84, -92.24]**

08/13/12 03:00 CST	0	Heavy Rain
08/13/12 06:46 CST	0	Source: NWS Employee

Rainfall measured 2.60 inches in 3 3/4 hours.

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<b>PULASKI COUNTY --- 2.0 NNW MABELVALE [34.68, -92.39]</b>				
	08/13/12 03:17 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/13/12 03:17 CST		0	Source: Public
A large tree was blown down.				
<b>DESHA COUNTY --- PENDLETON [33.97, -91.38]</b>				
	08/13/12 16:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/13/12 16:50 CST		0	Source: Public
Trees were blown down.				
A large cluster of thunderstorms developed ahead of an approaching cold front during the wee hours of the 13th. The storms had their biggest effect down the Arkansas River Valley. Impressive rainfall amounts occurred in parts of central Arkansas, especially considering the area was in an exceptional drought. Additional storms developed during the late afternoon and evening along the cold front.				
<b>(AR-Z039) PERRY</b>				
	08/13/12 12:00 CST		0	Wildfire
	08/15/12 22:59 CST		0	
The "Casa Fire" was started by lightning 2 miles northwest of Casa in Perry County on the 13th and continued until the 15th. Altogether, 820 acres burned. A house, some outbuildings, a boat, and several vehicles were lost in the fire. A portion of Arkansas 155 was closed during the fire. At the height of the fire, homes in the town of Casa were evacuated, as well as homes in the communities of Homewood and Rose Creek. Yell and Conway counties assisted Perry County with the evacuations.				
<b>(AR-Z053) CLARK</b>				
	08/13/12 15:00 CST		0	Wildfire
	08/14/12 15:00 CST		0	
The "Rose Hill Fire" was started by lightning 2 miles northwest of Whelen Springs in Clark County on the 13th and continued until the 14th. Altogether, 852 acres burned. A few homes were evacuated at the height of the fire.				
<b>(AR-Z069) DREW</b>				
	08/14/12 10:00 CST		0	Wildfire
	08/15/12 16:00 CST		0	
The "Lacey Fire" began on the 14th 8 miles southwest of Monticello in Drew County and continued until the 15th. Altogether, 1410 acres burned. Ten fire departments, Arkansas Forestry Commission crews from eight counties, three aircraft, and 13 fire plows fought the fire. At the height of the fire, about 45 people were evacuated from the Possum Valley community, and a 24-inch natural gas line was threatened. In the end, only timber was lost to the fire.				
<b>(AR-Z007) SHARP</b>				
	08/15/12 11:30 CST		0	Wildfire
	08/15/12 19:00 CST		0	
The "Grange Fire" was started by lightning 5 miles east of Cave City in Sharp County on the 15th. Altogether, 232 acres burned.				
<b>MARION COUNTY --- PYATT [36.25, -92.83]</b>				
	08/15/12 19:55 CST		0	Hail (1.00 in)
	08/15/12 19:55 CST		0	Source: Law Enforcement
An isolated thunderstorm developed and became severe in northern Arkansas on the evening of the 15th.				
<b>PULASKI COUNTY --- 4.9 S LITTLE ITALY [34.86, -92.56]</b>				
	08/16/12 12:27 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/16/12 12:27 CST		0	Source: Public
A tree was blown down onto Arkansas 10.				
<b>MARION COUNTY --- 2.9 ENE BULL SHOALS LAKE WES [36.48, -92.78]</b>				

## Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/16/12 13:35 CST		75K	Thunderstorm Wind (EG 56 kt)
	08/16/12 13:35 CST		0	Source: Social Media

Docks were damaged and trees were blown down.

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### SEARCY COUNTY --- 0.8 S COVE [35.86, -92.60]

	08/16/12 13:45 CST		1K	Thunderstorm Wind (EG 52 kt)
	08/16/12 13:45 CST		0	Source: Law Enforcement

A roof was blown off a shed.

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### VAN BUREN COUNTY --- BOTKINBURG [35.70, -92.52]

	08/16/12 13:45 CST		0	Hail (1.00 in)
	08/16/12 13:45 CST		0	Source: COOP Observer

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### VAN BUREN COUNTY --- 3.3 WSW STAR BEE [35.75, -92.65]

	08/16/12 14:15 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/16/12 14:15 CST		0	Source: Law Enforcement

A few trees were blown down on Arkansas 254.

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### NEWTON COUNTY --- PARTHENON [35.95, -93.23]

	08/16/12 14:35 CST		15K	Thunderstorm Wind (EG 52 kt)
	08/16/12 14:35 CST		0	Source: Law Enforcement

Trees were blown down, with one of the trees falling on a house.

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### NEWTON COUNTY --- WAYTON [35.90, -93.25]

	08/16/12 14:50 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/16/12 14:50 CST		0	Source: Law Enforcement

Trees were pushed over.

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### PERRY COUNTY --- 3.1 ENE ADONA [35.05, -92.87]

	08/16/12 14:50 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/16/12 14:50 CST		0	Source: Emergency Manager

Two chicken houses were damaged at Wades Crossing.

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### NEWTON COUNTY --- VENDOR [35.95, -93.08]

	08/16/12 14:55 CST		25K	Thunderstorm Wind (EG 52 kt)
	08/16/12 14:55 CST		0	Source: Broadcast Media

Barns were damaged.

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### PERRY COUNTY --- 1.9 NE PERRY [35.07, -92.78]

	08/16/12 15:14 CST		5K	Thunderstorm Wind (EG 52 kt)
	08/16/12 15:14 CST		0	Source: Emergency Manager

Power lines were blown down.

**The approach of a cold front triggered several severe thunderstorms in northern and central Arkansas during the afternoon and evening of the 16th. The atmosphere over Arkansas was warm, humid, and unstable at the time.**

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### JACKSON COUNTY --- 0.8 W VANCE [35.77, -91.18]

	08/17/12 09:45 CST		50K	Lightning
	08/17/12 09:45 CST		0	Source: Emergency Manager

Lightning struck an electric substation, knocking out power to more than 3000 customers.

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### CLARK COUNTY --- BURSELL [33.95, -93.30]

## Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/17/12 17:05 CST		0	Hail (1.00 in)
	08/17/12 17:15 CST		0	Source: Trained Spotter
<hr/>				
<b>JEFFERSON COUNTY --- SULPHUR SPGS [34.18, -92.13]</b>				
	08/17/12 22:30 CST		0	Hail (1.00 in)
	08/17/12 22:30 CST		0	Source: Fire Department/Rescue
<hr/>				
<b>A cold front moving through Arkansas sparked a few severe thunderstorms on the 17th.</b>				
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<b>(AR-Z023) VAN BUREN, (AR-Z031) CONWAY</b>				
	08/28/12 11:00 CST		0	Wildfire
	08/28/12 16:00 CST		0	
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<b>The "Claude Schoolhouse Fire" 10 miles southwest of Clinton on the 28th burned a total of 300 acres in Van Buren and Conway counties.</b>				
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<b>(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z030) LOGAN, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW</b>				
	08/29/12 18:00 CST		29.50M	Tropical Depression
	08/31/12 23:59 CST	3	0	
<hr/>				
<b>DREW COUNTY --- MONTICELLO MUNI ARPT [33.63, -91.75]</b>				
	08/30/12 00:00 CST		0	Heavy Rain
	08/30/12 23:59 CST		0	Source: ASOS
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Rainfall measured 4.02 inches in 24 hours.				
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<b>CLEVELAND COUNTY --- KINGSLAND [33.85, -92.30]</b>				
	08/30/12 03:00 CST		0	Heavy Rain
	08/31/12 10:00 CST		0	Source: Public
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Rainfall measured 6.95 inches in 31 hours.				
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<b>CALHOUN COUNTY --- 7.0 SE HAMPTON [33.46, -92.38]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: CoCoRaHS
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Rainfall measured 4.12 inches in 24 hours.				
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<b>DALLAS COUNTY --- FORDYCE [33.82, -92.42]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
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Rainfall measured 6.10 inches in 24 hours.				
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<b>DESHA COUNTY --- 2.0 NNE ROHWER [33.80, -91.27]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
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Rainfall measured 4.99 inches in 24 hours.				
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<b>DESHA COUNTY --- ARKANSAS CITY [33.62, -91.20]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
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Rainfall measured 5.00 inches in 24 hours.				

## Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>DESHA COUNTY --- KELSO [33.80, -91.27]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
Rainfall measured 4.74 inches in 24 hours.				
<b>DREW COUNTY --- 1.6 WNW MONTICELLO [33.64, -91.83]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: CoCoRaHS
Rainfall measured 5.09 inches in 24 hours.				
<b>JEFFERSON COUNTY --- (PBF)PINE BLUFF ARPT [34.18, -91.93]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 10:00 CST		0	Source: ASOS
Rainfall measured 8.50 inches in 28 hours.				
<b>JEFFERSON COUNTY --- 0.8 SE WHITE HALL [34.26, -92.09]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: CoCoRaHS
Rainfall measured 4.60 inches in 24 hours.				
<b>JEFFERSON COUNTY --- 2.0 SW PINE BLUFF [34.20, -92.04]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: CoCoRaHS
Rainfall measured 5.80 inches in 24 hours.				
<b>JEFFERSON COUNTY --- 4.0 NNW WHITE HALL [34.32, -92.13]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: CoCoRaHS
Rainfall measured 5.08 inches in 24 hours.				
<b>LINCOLN COUNTY --- 1.7 S CRIGLER [33.93, -91.79]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
Rainfall measured 5.39 inches in 24 hours at Cane Creek State Park.				
<b>SALINE COUNTY --- BENTON [34.57, -92.58]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
Rainfall measured 4.08 inches in 24 hours.				
<b>WHITE COUNTY --- 0.1 ENE GRIFFITHVILLE [35.12, -91.65]</b>				
	08/30/12 06:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: CoCoRaHS
Rainfall measured 5.50 inches in 24 hours.				
<b>JEFFERSON COUNTY --- PINE BLUFF [34.22, -92.02]</b>				
	08/30/12 08:00 CST		0	Heavy Rain
	08/31/12 09:00 CST		0	Source: Trained Spotter
A storm spotter measured 8.50 inches of rain in 25 hours.				
<b>WHITE COUNTY --- STEPROCK [35.42, -91.68]</b>				

## Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	08/30/12 09:00 CST		0	Heavy Rain
	08/31/12 06:00 CST		0	Source: COOP Observer
Rainfall measured 4.65 inches in 21 hours.				
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<b>JEFFERSON COUNTY --- (PBF)PINE BLUFF ARPT [34.18, -91.93]</b>				
	08/31/12 00:00 CST		0	Heavy Rain
	08/31/12 23:59 CST		0	Source: ASOS
Rainfall measured 4.61 inches in 24 hours.				
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<b>PRAIRIE COUNTY --- (SGT)STUTTGART MUNICIPAL AIRPORT [34.60, -91.57]</b>				
	08/31/12 00:00 CST		0	Heavy Rain
	08/31/12 23:59 CST		0	Source: AWOS
Rainfall measured 4.29 inches in 24 hours.				
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<b>WHITE COUNTY --- SEARCY MUNI ARPT [35.22, -91.73]</b>				
	08/31/12 00:00 CST		0	Heavy Rain
	08/31/12 23:59 CST		0	Source: AWSS
Rainfall measured 4.19 inches in 24 hours.				
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<b>JEFFERSON COUNTY --- 0.8 SE WHITE HALL [34.26, -92.09]</b>				
	08/31/12 06:00 CST		0	Heavy Rain
	08/31/12 23:59 CST		0	Source: CoCoRaHS
Rainfall measured 6.10 inches from 6 AM on the 31st to 6 AM on the 1st.				
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<b>WHITE COUNTY --- 4.1 SE SEARCY [35.21, -91.70]</b>				
	08/31/12 06:00 CST		0	Heavy Rain
	08/31/12 23:59 CST		0	Source: CoCoRaHS
Rainfall measured 4.34 inches from 6 AM on the 31st to 6 AM on the 1st.				
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<b>WHITE COUNTY --- 7.3 NNW JUDSONIA [35.38, -91.68]</b>				
	08/31/12 06:00 CST		0	Heavy Rain
	08/31/12 23:59 CST		0	Source: CoCoRaHS
Rainfall measured 5.61 inches from 6 AM on the 31st to 6 AM on the 1st.				
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<b>DALLAS COUNTY --- 1.3 NE BEECH GROVE [33.84, -92.44], 1.5 WSW FORDYCE MUNI ARPT [33.84, -92.39], 2.2 SE FORDYCE [33.80, -92.39], 1.1 S BEECH GROVE [33.80, -92.45]</b>				
	08/31/12 06:30 CST		0.10M	Flash Flood (due to Heavy Rain / Tropical System)
	08/31/12 15:00 CST		0	Source: Emergency Manager
Torrential rains caused flash flooding in Fordyce. Water on streets ranged from several inches to several feet deep.				
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<b>JEFFERSON COUNTY --- 1.5 WSW WHITE HALL [34.26, -92.12], 1.8 NNE LEITNER [34.27, -92.06], 1.1 SE WARBRITTON [34.26, -92.01], 1.0 WNW FAIRFIELD [34.23, -91.94], 1.1 S GLENLAKE [34.16, -91.92], 2.0 WNW ARSENAL [34.14, -92.01], 1.4 SE SULPHUR SPGS [34.17, -92.11]</b>				
	08/31/12 07:00 CST		0.75M	Flash Flood (due to Heavy Rain / Tropical System)
	08/31/12 15:00 CST		0	Source: Emergency Manager
Numerous streets in Pine Bluff flooded. A couple of cars floated down U.S. 63. Some homes were sandbagged, but at least 10 homes had water in them, as did four businesses and three government buildings. Several high water rescues were necessary. Schools in Pine Bluff dismissed early. The University of Arkansas at Pine Bluff cancelled afternoon classes. The county judge declared a disaster due to the flooding.				
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<b>JEFFERSON COUNTY --- 0.5 E FERDA [34.45, -91.96], 2.8 E FERDA [34.46, -91.92], 2.3 WNW GETHSEMANE [34.44, -91.92], 0.5 NE TUCKER [34.44, -91.96]</b>				
	08/31/12 08:30 CST		25K	Flash Flood (due to Heavy Rain / Tropical System)
	08/31/12 15:00 CST		0	Source: Law Enforcement

Areas around Tucker flooded, and flood waters approached Tucker Maximum Security Prison. Water seeped into the newly renovated chapel at the prison.

## Storm Data and Unusual Weather Phenomena - August 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LONOKE COUNTY --- 2.0 NE TOLTEC [34.67, -92.02], 2.4 NNW PARKERS CORNER [34.68, -91.73], 1.3 SE GERIDGE [34.52, -91.70], 2.0 WSW ENGLAND FLYING SVC A [34.52, -92.01]</b>				

08/31/12 09:00 CST	50K	Flash Flood (due to Heavy Rain / Tropical System)
08/31/12 15:00 CST	0	Source: Law Enforcement

Several roads went underwater and had to be barricaded. Portions of Arkansas 13, 15, and 31 flooded. Several homes and one church on U.S. 165 had water up to their doors. Schools in England were dismissed early due to hazardous road conditions.

<b>PRAIRIE COUNTY --- 1.5 NE FOUR MILE CORNER [34.99, -91.53], 1.6 N DES ARC [34.99, -91.49], 1.3 ESE DES ARC [34.96, -91.48], 1.1 ESE FOUR MILE CORNER [34.96, -91.53]</b>				
08/31/12 10:30 CST	25K	Flash Flood (due to Heavy Rain / Tropical System)		
08/31/12 15:00 CST	0	Source: Law Enforcement		

Several roads were underwater and had to be barricaded.

<b>ARKANSAS COUNTY --- GILLETT [34.12, -91.37]</b>				
08/31/12 18:15 CST	2K	Thunderstorm Wind (EG 52 kt)		
08/31/12 18:15 CST	0	Source: Utility Company		

A couple of power poles were blown down around Gillett.

<b>ARKANSAS COUNTY --- DE WITT [34.30, -91.33]</b>				
08/31/12 18:20 CST	2K	Thunderstorm Wind (EG 52 kt)		
08/31/12 18:20 CST	0	Source: Utility Company		

A couple of power poles were blown down around DeWitt.

<b>SALINE COUNTY --- 3.4 NNE BLAND [34.72, -92.66]</b>				
08/31/12 20:40 CST	25K	Lightning		
08/31/12 20:40 CST	0	Source: Fire Department/Rescue		

Lightning struck a house at Lake Norrell, starting a fire. There was some damage to the roof.

Although Isaac was a hurricane in the Gulf of Mexico, it had weakened to a tropical depression by the time it reached Arkansas. Isaac passed through western Arkansas on the evening of the 30th and during the day on the 31st. Positions from the National Hurricane Center and the Hydrometeorological Prediction Center: August 30th at 10 PM (CDT) 95 miles south-southwest of Little Rock, August 31st at 4 AM 95 miles west of Little Rock, August 31st at 10 AM 25 miles northeast of Fort Smith, and August 31st at 4 PM 40 miles east of Joplin, Missouri. Although Isaac had exited Arkansas by the end of the month, some effects, including bands of thunderstorms spiraling in toward its center, continued through September 1st into the wee hours of the 2nd. Isaac brought sustained winds of 23 to 33 mph and wind gusts of 35 to 45 mph in many parts of the state. The highest sustained wind in the Little Rock County Warning Area was 33 mph at Little Rock Air Force Base, and the strongest gust was 46 mph at the Pine Bluff airport. The strong winds over a prolonged period caused large numbers of trees to fall. Some of these trees had been weakened by the ongoing drought. Falling limbs and trees took down power lines, leaving more than 20,000 electric customers in the dark. Isaac also brought widespread rain. Three injuries were reported. Two people were injured in Little Rock when a tree fell on a car parked in a driveway; one person was injured in White Hall (Jefferson Co.) when a tree fell on a car. Where bands of showers and thunderstorms lingered over a particular area or where rain moved over the same area repeatedly, flash flooding occurred. Some of the larger storm totals included 11.29 inches at White Hall (Jefferson Co.), 10.70 inches at Griffithville (White Co.), 10.65 inches at the Pine Bluff Water Plant (Jefferson Co.), 8.90 inches at the Pine Bluff airport, 8.88 inches at Judsonia (White Co.), 8.40 inches at Steprock (White Co.), and 8.11 inches at Fordyce (Dallas Co.). The lowest barometric pressure reported in the Little Rock County Warning area was 29.51 inches at Camden. The combination of wind and rain caused damage in the rice crop, due to lodging of the rice. Cotton, corn, and soybeans appeared to have only minor damage. The rain improved prospects for the hay crop, and pastures providing forage for livestock improved.