

## Storm Data and Unusual Weather Phenomena - March 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>ARKANSAS, Central and North Central</b>				
<b>MONROE COUNTY --- CLARENDON [34.68, -91.30], 2.1 SSE CLARENDON [34.65, -91.28], 2.1 ENE ABERDEEN [34.62, -91.30], 2.2 E ROE [34.63, -91.34], 1.9 WSW CLARENDON [34.67, -91.33], 2.1 W CLARENDON [34.68, -91.34], 2.6 NW CLARENDON [34.71, -91.33], 1.3 WNW JEFFRIES [34.73, -91.30]</b>				
	03/01/10 00:00 CST		10K	Flood (due to Heavy Rain)
	03/07/10 21:00 CST		0	Source: River/Stream Gage
This flooding was a continuation of flooding from February and previous months. Heavy rainfall from previous months kept the White River at Clarendon above flood stage for several months. The river finally dropped below flood stage during the early evening hours of the 7th.				
<b>WOODRUFF COUNTY --- 0.7 NNW NEW AUGUSTA [35.28, -91.36], 1.9 N AUGUSTA [35.31, -91.37], 2.5 NW AUGUSTA [35.31, -91.40], 2.2 W AUGUSTA [35.28, -91.41], 3.4 SSW RUFFWOOD [35.23, -91.40], 2.1 S RUFFWOOD [35.24, -91.37]</b>				
	03/01/10 00:00 CST		10K	Flood (due to Heavy Rain)
	03/06/10 06:30 CST		0	Source: River/Stream Gage
This flooding was a continuation of flooding from February and previous months. Heavy rainfall from previous months kept the White River at Augusta above flood stage for several months. The river finally dropped below flood stage during the morning hours of the 6th.				
<b>WOODRUFF COUNTY --- PATTERSON [35.25, -91.23], 0.4 SE RIVERSIDE [35.28, -91.22], 1.4 NE RIVERSIDE [35.29, -91.21], 1.5 NNW RIVERSIDE [35.30, -91.24], 1.2 WSW RIVERSIDE [35.28, -91.25], 0.4 NNW CAVELL [35.26, -91.25]</b>				
	03/01/10 00:00 CST		10K	Flood (due to Heavy Rain)
	03/03/10 01:00 CST		0	Source: River/Stream Gage
This flooding was a continuation of flooding from February and previous months. Heavy rainfall from previous months kept the Cache River at Patterson above flood stage for several months. The river finally dropped below flood stage during the early morning hours of the 3rd.				
<b>Heavy rainfall during the last several months has allowed some rivers in the White River Basin to continue to remain above flood stage into March. During March however, these rivers did finally drop below flood stage during the first week of the month.</b>				
<b>PIKE COUNTY --- PIKE CITY [34.12, -93.58]</b>				
	03/10/10 16:40 CST		0	Hail (1.00 in)
	03/10/10 16:40 CST		0	Source: Law Enforcement
<b>CLARK COUNTY --- ALPINE [34.22, -93.38]</b>				
	03/10/10 17:05 CST		0	Hail (1.00 in)
	03/10/10 17:05 CST		0	Source: Law Enforcement
<b>PIKE COUNTY --- 0.9 NE WOLF CREEK [34.06, -93.54]</b>				
	03/10/10 17:20 CST		0	Hail (2.75 in)
	03/10/10 17:20 CST		0	Source: Public
<b>HOT SPRING COUNTY --- POINT CEDAR [34.33, -93.32]</b>				
	03/10/10 17:25 CST		0	Hail (1.00 in)
	03/10/10 17:25 CST		0	Source: Public
<b>SALINE COUNTY --- 0.8 SSW BENTON SALINE CO ARP [34.56, -92.61]</b>				
	03/10/10 17:25 CST		0	Hail (1.00 in)
	03/10/10 17:25 CST		0	Source: Amateur Radio
Quarter size hail fell at the old Saline County Airport just off Interstate 30.				
<b>SALINE COUNTY --- 3.5 ENE SLOCOMB [34.54, -92.67]</b>				
	03/10/10 17:38 CST		0	Hail (1.00 in)
	03/10/10 17:38 CST		0	Source: Amateur Radio
<b>GARLAND COUNTY --- 2.4 WSW PINEY [34.50, -93.18]</b>				
	03/10/10 17:43 CST		0	Hail (1.00 in)
	03/10/10 17:43 CST		0	Source: Amateur Radio

## Storm Data and Unusual Weather Phenomena - March 2010

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<b>GARLAND COUNTY --- 0.6 ESE LAKE HAMILTON [34.42, -93.09]</b>				
	03/10/10 17:44 CST	0		Hail (0.88 in)
	03/10/10 17:44 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 1.1 SSW PLEASANT HILL [34.44, -93.18]</b>				
	03/10/10 17:44 CST	0		Hail (1.00 in)
	03/10/10 17:44 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 1.1 W (HOT)HOT SPGS ARPT [34.47, -93.12]</b>				
	03/10/10 17:47 CST	0		Hail (1.00 in)
	03/10/10 17:47 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 1.1 SSE GARDNER [34.47, -93.07]</b>				
	03/10/10 17:48 CST	0		Hail (1.75 in)
	03/10/10 17:48 CST	0		Source: Law Enforcement
Golf ball size hail fell at the intersection of U.S. Highway 70 and Higdon Ferry Road.				
<b>SALINE COUNTY --- 0.9 NW BRYANT [34.61, -92.49]</b>				
	03/10/10 17:48 CST	0		Hail (1.00 in)
	03/10/10 17:48 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 0.6 W HOT SPGS [34.50, -93.06]</b>				
	03/10/10 17:50 CST	0		Hail (1.00 in)
	03/10/10 17:50 CST	0		Source: Trained Spotter
<b>SEARCY COUNTY --- 0.6 E LESLIE [35.83, -92.56]</b>				
	03/10/10 17:50 CST	0		Hail (1.00 in)
	03/10/10 17:50 CST	0		Source: Public
<b>GARLAND COUNTY --- 1.0 N EUCLID HGTS [34.49, -93.02]</b>				
	03/10/10 17:55 CST	0		Hail (0.88 in)
	03/10/10 17:55 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 1.3 NNE GARDNER [34.50, -93.07]</b>				
	03/10/10 17:55 CST	0		Hail (1.00 in)
	03/10/10 17:55 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 0.9 S SULPHUR SPGS [34.46, -92.95]</b>				
	03/10/10 17:59 CST	0		Hail (0.75 in)
	03/10/10 17:59 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- 1.8 ENE RED OAK [34.44, -92.99]</b>				
	03/10/10 18:00 CST	0		Hail (1.75 in)
	03/10/10 18:00 CST	0		Source: Amateur Radio
<b>GARLAND COUNTY --- LONSDALE [34.54, -92.81]</b>				
	03/10/10 18:10 CST	0		Hail (1.75 in)
	03/10/10 18:10 CST	0		Source: Post Office
<b>MONTGOMERY COUNTY --- PENCIL BLUFF [34.63, -93.73]</b>				
	03/10/10 18:14 CST	0		Hail (1.00 in)
	03/10/10 18:14 CST	0		Source: Law Enforcement
<b>PIKE COUNTY --- 0.7 N GLENWOOD [34.33, -93.55]</b>				
	03/10/10 18:26 CST	0		Hail (1.75 in)
	03/10/10 18:26 CST	0		Source: Law Enforcement

## Storm Data and Unusual Weather Phenomena - March 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>SALINE COUNTY --- 0.8 SSW GRAPE [34.59, -92.66], 0.8 NW CONGO [34.66, -92.59]</b>				
	03/10/10 18:26 CST		0.88M	Tornado (EF1, L: 6.12 mi , W: 400 yd)
	03/10/10 18:36 CST		0	Source: NWS Storm Survey
Emergency management reports indicated two homes were destroyed, two homes suffered major damage, and 18 homes had minor damage. A fire station was damaged, and numerous barns and outbuildings were destroyed. Trees and power lines were blown down.				
<b>CLARK COUNTY --- GURDON [33.92, -93.15]</b>				
	03/10/10 18:31 CST		0	Hail (1.00 in)
	03/10/10 18:31 CST		0	Source: Emergency Manager
<b>PULASKI COUNTY --- 0.6 W CAMMACK [34.78, -92.36]</b>				
	03/10/10 18:52 CST		0	Hail (1.00 in)
	03/10/10 18:52 CST		0	Source: Amateur Radio
<b>PULASKI COUNTY --- 1.4 S HAIG [34.80, -92.32]</b>				
	03/10/10 18:53 CST		0	Hail (1.00 in)
	03/10/10 18:53 CST		0	Source: Amateur Radio
<b>PULASKI COUNTY --- 1.5 SSW MAUMELLE [34.85, -92.41]</b>				
	03/10/10 19:00 CST		0	Hail (1.00 in)
	03/10/10 19:00 CST		0	Source: Trained Spotter
<b>MARION COUNTY --- 0.9 SE FLIPPIN [36.26, -92.59]</b>				
	03/10/10 19:05 CST		25K	Hail (1.50 in)
	03/10/10 19:05 CST		0	Source: Public
Half dollar to ping pong ball size hail fell for about 2 minutes, damaging some vehicles.				
<b>FAULKNER COUNTY --- 0.6 E CATO [34.93, -92.26]</b>				
	03/10/10 19:25 CST		0	Hail (1.00 in)
	03/10/10 19:25 CST		0	Source: Amateur Radio
<b>CLEBURNE COUNTY --- 2.4 WNW MILLER [35.51, -92.17]</b>				
	03/10/10 19:58 CST		0	Hail (1.00 in)
	03/10/10 19:58 CST		0	Source: Trained Spotter
<b>CONWAY COUNTY --- 0.9 NE MORRILTON [35.16, -92.74]</b>				
	03/10/10 20:05 CST		0	Hail (1.00 in)
	03/10/10 20:05 CST		0	Source: Trained Spotter
<b>WHITE COUNTY --- 0.7 N GRAVEL HILL [35.26, -91.98]</b>				
	03/10/10 20:10 CST		0	Hail (1.00 in)
	03/10/10 20:10 CST		0	Source: Trained Spotter
<b>SALINE COUNTY --- 1.4 S SHAW [34.48, -92.53]</b>				
	03/10/10 20:12 CST		0	Hail (1.00 in)
	03/10/10 20:12 CST		0	Source: Amateur Radio
<b>CONWAY COUNTY --- 0.9 SE PLUMERVILLE [35.16, -92.64]</b>				
	03/10/10 20:14 CST		0	Hail (1.75 in)
	03/10/10 20:14 CST		0	Source: Emergency Manager
<b>WHITE COUNTY --- 2.6 SW CENTER HILL [35.24, -91.91], 1.7 NNE HOLLY SPGS [35.37, -91.74]</b>				
	03/10/10 20:19 CST		0.95M	Tornado (EF1, L: 13.24 mi , W: 400 yd)
	03/10/10 20:48 CST	2	0	Source: NWS Storm Survey

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Emergency management reports indicated one home and two mobile homes were destroyed, three homes received major damage, and 16 homes received minor damage. Two chicken houses had roof damage. One business, which repaired cars and farm equipment, was destroyed. A fire station and church suffered damage. Trees and power lines were knocked down. Two people received minor injuries.				
<b>CLEBURNE COUNTY --- 1.1 SSE HEBER SPG TNNENBAUM [35.54, -92.04]</b>				
	03/10/10 20:25 CST		0.30M	Thunderstorm Wind (EG 60 kt)
	03/10/10 20:25 CST		0	Source: Newspaper
A few boat docks on Greers Ferry Lake near Thunderbird Country Club were damaged from high winds in a severe thunderstorm.				
<b>PULASKI COUNTY --- MORGAN [34.88, -92.37]</b>				
	03/10/10 20:32 CST		0	Hail (1.75 in)
	03/10/10 20:32 CST		0	Source: NWS Employee
<b>OUACHITA COUNTY --- 0.1 NE FRENCHPORT [33.47, -92.78]</b>				
	03/10/10 20:35 CST		10K	Thunderstorm Wind (EG 50 kt)
	03/10/10 20:35 CST		0	Source: Newspaper
Some trees were blown down in the Frenchport area.				
<b>WHITE COUNTY --- 0.4 SSW SUNNYDALE [35.44, -91.70], 2.5 NNE SUNNYDALE [35.48, -91.68]</b>				
	03/10/10 20:53 CST		50K	Tornado (EF1, L: 2.91 mi , W: 100 yd)
	03/10/10 21:00 CST		0	Source: NWS Storm Survey
One garage was destroyed and another was shifted off its foundation. A couple of sheds were destroyed and a carport was blown away. Trees were blown down.				
<b>FAULKNER COUNTY --- 0.6 E VILONIA [35.08, -92.21]</b>				
	03/10/10 20:57 CST		0	Hail (1.00 in)
	03/10/10 20:57 CST		0	Source: Amateur Radio
<b>CLEBURNE COUNTY --- 2.4 SSW PEARSON [35.40, -92.14], 1.1 NE PEARSON [35.44, -92.12]</b>				
	03/10/10 21:09 CST	1	0.25M	Tornado (EF2, L: 3.43 mi , W: 300 yd)
	03/10/10 21:14 CST	3	0	Source: NWS Storm Survey
A home was destroyed on South Sawmill Road, and the three occupants in the home were thrown out into a field. A 79 year-old man lost his life. The man's wife, 75 years old, suffered serious injuries, as did their grandson, 23 years old. The washer, dryer, and water heater from the home were found about 750 feet away in some brush. A mobile home on the same property was destroyed. Six other homes received minor damage. Some trees and power lines were blown down. A motorist on Arkansas Highway 107 was injured when his pickup truck was blown off the road.				
Direct Fatalities: M79PH				
<b>LONOKE COUNTY --- 0.7 S ENGLAND [34.54, -91.97]</b>				
	03/10/10 21:18 CST		0	Hail (1.00 in)
	03/10/10 21:18 CST		0	Source: Law Enforcement
<b>INDEPENDENCE COUNTY --- 0.6 WSW HUTSON [35.63, -91.53], 0.8 NNW HUTSON [35.64, -91.53]</b>				
	03/10/10 21:30 CST		1.20M	Tornado (EF1, L: 0.91 mi , W: 100 yd)
	03/10/10 21:31 CST		0	Source: NWS Storm Survey
In the Maple Springs area, three new chicken houses were destroyed and six others were damaged. More than 80,000 chickens were killed or turned loose. A large grain truck was overturned onto a farm tractor. A mobile elevator was destroyed, as were two sheds. Two travel trailers were overturned.				
<b>INDEPENDENCE COUNTY --- 0.9 NE NEWARK [35.71, -91.44]</b>				
	03/10/10 21:40 CST		0	Hail (1.00 in)
	03/10/10 21:40 CST		0	Source: Emergency Manager
<b>INDEPENDENCE COUNTY --- 0.7 E ELMO [35.62, -91.39]</b>				
	03/10/10 21:45 CST		50K	Thunderstorm Wind (EG 56 kt)
	03/10/10 21:45 CST		0	Source: Emergency Manager

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Two truck trailers were overturned, with one of the trailers crushing a boat and boat trailer. A camper shell was blown into a power pole, and barns and outbuildings were damaged.				

<b>INDEPENDENCE COUNTY --- 2.0 WSW CHARLOTTE [35.81, -91.46]</b>				
	03/10/10 21:45 CST		65K	Thunderstorm Wind (EG 56 kt)
	03/10/10 21:45 CST		0	Source: NWS Storm Survey

A mobile home was rolled, destroying it. Three other homes had roof and outbuilding damage. Trees and power lines were blown down.

<b>WHITE COUNTY --- 0.7 S BALD KNOB [35.31, -91.57]</b>				
	03/10/10 22:07 CST		0	Hail (1.25 in)
	03/10/10 22:07 CST		0	Source: Public

<b>PRAIRIE COUNTY --- 1.3 ESE STUTTGART MUNI ARPT [34.59, -91.55]</b>				
	03/10/10 22:40 CST		0	Hail (1.00 in)
	03/10/10 22:40 CST		0	Source: Public

A low pressure system passed by just to the north of Arkansas on the 10th, with a trailing cold front pushing south across the state. This cold front met up with sufficient Gulf moisture and instability to trigger thunderstorms during the afternoon and evening. Many of the storms dropped hail and a few produced tornadoes.



*This home, 3.67 miles west-northwest of Benton (Saline County), was damaged by a tornado on the evening of March 10th. The tornado was rated EF1. Photo courtesy of John Robinson, Warning Coordination Meteorologist, WFO Little Rock.*

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<b>(AR-Z037) SCOTT, (AR-Z040) POLK</b>				
	03/20/10 19:30 CST		0	Winter Weather
	03/21/10 20:00 CST		0	
<b>(AR-Z003) BOONE, (AR-Z012) NEWTON</b>				
	03/21/10 08:00 CST		0	Heavy Snow
	03/21/10 20:00 CST		0	

A cold front moved into western Arkansas on the 20th. The passage of the front replaced mild air with much colder air. As an upper level low pressure center encountered moisture in the colder air, snow fell in parts of western Arkansas from the evening of the 20th through much of the day on the 21st.



*Roughly nine inches of snow blanketed areas around Mount Sherman in Newton County on March 21st. Photo courtesy of Crystal Dillow.*

<b>WOODRUFF COUNTY --- 0.7 ENE AUGUSTA [35.28, -91.36], 1.5 NNW AUGUSTA [35.30, -91.38], 1.7 W AUGUSTA [35.28, -91.40], 2.3 WSW RUFFWOOD [35.26, -91.41], 2.9 SSW RUFFWOOD [35.23, -91.40], 1.5 SSE RUFFWOOD [35.25, -91.36]</b>				
	03/24/10 18:30 CST		10K	Flood (due to Heavy Rain)
	03/31/10 23:59 CST		0	Source: River/Stream Gage

After finally dropping below flood stage in early March following several months above flood stage, additional rainfall during the middle and end of the month caused the White River at Augusta to rise back above flood stage during the early evening hours of the 24th. This river remained above flood stage into April.

<b>WOODRUFF COUNTY --- PATTERSON [35.25, -91.23], 1.0 S RIVERSIDE [35.27, -91.23], 0.1 SSE RIVERSIDE [35.28, -91.23], 0.8 W RIVERSIDE [35.28, -91.24], 0.3 NW CAVELL [35.25, -91.25]</b>				
	03/26/10 02:00 CST		10K	Flood (due to Heavy Rain)
	03/31/10 23:59 CST		0	Source: River/Stream Gage

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After finally dropping below flood stage in early March following several months above flood stage, additional rainfall during the middle and end of the month caused the Cache River at Patterson to rise back above flood stage during the early morning hours of the 26th. This river remained above flood stage into April.

**The relief from river flooding on some rivers across Arkansas was short lived as additional rainfall and controlled reservoir releases caused the Cache River at Patterson and the White River at Augusta to rise above flood stage once again near the end of March.**

**(AR-Z042) GARLAND**

	03/25/10 11:50 CST	1	0	Strong Wind (MAX 18 kt)
	03/25/10 11:50 CST		0	

Gusty winds created large swells on Lake Ouachita on the 25th.

Direct Fatalities: M19BO

**BOONE COUNTY --- 2.1 S HARRISON [36.20, -93.12]**

	03/27/10 16:01 CST		0	Hail (1.00 in)
	03/27/10 16:01 CST		0	Source: Law Enforcement

**YELL COUNTY --- 2.2 NW OLA [35.05, -93.25]**

	03/27/10 16:41 CST		0	Hail (1.00 in)
	03/27/10 16:41 CST		0	Source: Trained Spotter

**BAXTER COUNTY --- 1.7 SSW HAND [36.26, -92.24]**

	03/27/10 17:15 CST		0	Hail (1.75 in)
	03/27/10 17:15 CST		0	Source: Utility Company

The hail was described as being like "slush balls falling from the sky so thick you couldn't see 50 yards." The hail splashed into Lake Norfolk and churned up the water.

**VAN BUREN COUNTY --- 0.7 S PLEASANT GROVE [35.49, -92.62]**

	03/27/10 17:20 CST		40K	Thunderstorm Wind (EG 60 kt)
	03/27/10 17:20 CST		0	Source: Emergency Manager

The roof of a chicken house was blown off and a few trees blown down south of Scotland.

**PERRY COUNTY --- 2.9 WSW PERRY [35.04, -92.85]**

	03/27/10 17:21 CST		0	Hail (1.00 in)
	03/27/10 17:21 CST		0	Source: Amateur Radio

**CONWAY COUNTY --- 0.9 NE LEWISBURG [35.14, -92.72]**

	03/27/10 17:30 CST		0	Hail (1.00 in)
	03/27/10 17:30 CST		0	Source: Amateur Radio

**FAULKNER COUNTY --- 0.9 NE MAYFLOWER [34.96, -92.42]**

	03/27/10 18:19 CST		0	Hail (1.00 in)
	03/27/10 18:19 CST		0	Source: Amateur Radio

**HOT SPRING COUNTY --- 0.7 S ROCKPORT [34.37, -92.82]**

	03/27/10 18:21 CST		0	Hail (1.75 in)
	03/27/10 18:21 CST		0	Source: Public

**FAULKNER COUNTY --- 2.1 S GOLD CREEK [34.99, -92.42]**

	03/27/10 18:23 CST		0	Hail (1.00 in)
	03/27/10 18:23 CST		0	Source: Trained Spotter

Low pressure and a cold front approaching from the west spawned severe thunderstorms on the 27th. Dew points were relatively low, preventing a larger outbreak of severe weather. Even so, there were numerous reports of hail and a few instances of wind damage.