

Storm Data and Unusual Weather Phenomena - January 2010

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

CLEVELAND COUNTY --- 1.7 NNW CHOWAN [33.94, -92.23], 3.0 W HERBINE [33.82, -92.08], 1.4 NW RYE [33.74, -92.00], 3.7 WSW RYE [33.71, -92.04], 5.2 E ORLANDO [33.71, -92.08], 2.7 NW SALINE [33.91, -92.28]

01/01/10 00:00 CST	10K	Flood (due to Heavy Rain)
01/01/10 05:30 CST	0	Source: River/Stream Gage

This is a continuation of flooding from December, 2009. The Saline River at Rye remained above flood stage from the afternoon of December 27th through the morning of New Year's Day.

MONROE COUNTY --- 3.1 SW NINETY POINT [34.75, -91.34], 2.7 ENE ROE [34.65, -91.34], 2.1 S CLARENDON [34.65, -91.30], 1.6 SSE NINETY POINT [34.76, -91.29]

01/01/10 00:00 CST	5K	Flood (due to Heavy Rain)
01/31/10 23:59 CST	0	Source: River/Stream Gage

This is a continuation of flooding from December, 2009. Heavy rainfall in early December, combined with planned reservoir releases, caused the White River at Clarendon to rise above flood stage on the 8th and 9th of December. The river remained above flood stage through the rest of December and through the entire month of January, 2010.

OUACHITA COUNTY --- 1.9 WSW LAKESIDE [33.57, -92.76], 1.1 E COLLEDALE [33.55, -92.81], 0.6 W CAMDEN [33.58, -92.84], 2.3 E LESTER [33.65, -92.88], 3.0 NNW KENT [33.67, -92.84]

01/01/10 00:00 CST	5K	Flood (due to Heavy Rain)
01/07/10 17:00 CST	0	Source: River/Stream Gage

Heavy rainfall on December 23rd and 24th of 2009 allowed the Ouachita River at Camden to rapidly rise above flood stage on Christmas Eve. The river remained above flood stage into January, falling below flood stage during the evening of January 7th.

PRAIRIE COUNTY --- 2.1 NNE DES ARC [35.00, -91.49], 2.8 SSW ERWIN [34.93, -91.44], 0.9 NE LETCHWORTH [34.93, -91.49], 2.4 SSE ENARC [35.00, -91.53]

01/01/10 00:00 CST	5K	Flood (due to Heavy Rain)
01/31/10 23:59 CST	0	Source: River/Stream Gage

This flooding is a continuation of the flooding from December, 2009. Heavy rainfall on the 23rd of December, 2009, caused the White River at Des Arc to rise above flood stage the evening of the 23rd. The river remained above flood stage through the entire month of January.

WOODRUFF COUNTY --- 0.4 S RUFFWOOD [35.26, -91.37], AUGUSTA [35.28, -91.37], 0.5 NNW AUGUSTA [35.29, -91.37], 0.9 NW AUGUSTA [35.29, -91.38], 1.8 WNW AUGUSTA [35.29, -91.40], 1.8 NW AUGUSTA [35.30, -91.39], 1.4 N AUGUSTA [35.30, -91.37], 0.5 S NEW AUGUSTA [35.26, -91.35]

01/01/10 00:00 CST	10K	Flood (due to Heavy Rain)
01/31/10 23:59 CST	0	Source: River/Stream Gage

This is a continuation of flooding from December, 2009. Heavy rainfall in early December, 2009, combined with planned reservoir releases, caused the White River at Augusta to rise above flood stage in early December. The river remained above flood stage through the rest of December and the entire month of January, 2010.

WOODRUFF COUNTY --- 1.8 SE GOODRICH [35.31, -91.21], GRAYS [35.22, -91.23], 1.8 WNW WIVILLE [35.16, -91.26], 2.2 NE GREGORY [35.17, -91.30], REVEL [35.23, -91.28], 2.1 NNE NEW SALEM [35.31, -91.27]

01/01/10 00:00 CST	5K	Flood (due to Heavy Rain)
01/31/10 23:59 CST	0	Source: River/Stream Gage

This flooding is a continuation of flooding from December, 2009. Heavy rainfall on the 23rd and 24th of December, 2009, caused the Cache River near Patterson to rise above flood stage. The river remained above flood stage through the entire month of January.

Well-above normal rainfall from previous months, combined with planned reservoir releases, caused many rivers across Arkansas to remain above flood stage into the beginning of 2010.

(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER

01/02/10 23:00 CST	0	Heavy Snow
01/04/10 09:00 CST	0	

(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-Z041)

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON				
	01/02/10 23:00 CST		0	Winter Weather
	01/04/10 10:00 CST		0	

An area of low pressure aloft, moving down from the northwest, triggered light snow across much of the northern half of Arkansas. The snow began in the extreme north late on the evening of the 2nd and spread as far south as the central part of the state during the day of the 3rd. Patchy snow then continued through the morning of the 4th. Over the northern third of the state, most accumulations were in the range of 1 to 3 inches. In central Arkansas, accumulations ranged from a trace to around an inch. The snow ushered in a period of bitter cold. Reinforcements of Arctic air over the next week made it the coldest spell of weather in about a decade.

POLK COUNTY --- 0.9 NE GRANNIS [34.24, -94.32]				
	01/20/10 19:45 CST		0	Hail (1.75 in)
	01/20/10 19:45 CST		0	Source: Law Enforcement

A surface low pressure and cold front over southern Oklahoma and northern Texas moved toward Arkansas on the evening of the 20th. Thunderstorms developed ahead of this cold front across portions of southeast Oklahoma and western Arkansas, and moved east. Some storms became strong to severe, with large, damaging hail.

(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-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS				
	01/28/10 18:00 CST		0.27M	Winter Storm
	01/30/10 04:00 CST		0	

(AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z069) DREW				
	01/29/10 05:00 CST		35K	Winter Weather
	01/29/10 23:00 CST		0	

Colder air began spilling into Arkansas from the northwest on the 28th as Arctic high pressure approached. Then, a low pressure system approached the state from the northwest. This low pressure caused moisture from the Gulf of Mexico to overrun the cold air near the ground. An area of freezing rain and sleet moved southward, beginning in northern Arkansas during the late afternoon and evening of the 28th, progressing through central Arkansas on the morning of the 29th, and reaching into parts of southern Arkansas by the afternoon of the 29th. Most of the northern two-thirds of the state picked up at least 0.10 to 0.25 inch of freezing rain. The heaviest freezing rain, 0.50 to 0.75 inch, occurred in an arc from near Hot Springs to Pine Bluff and Stuttgart and then on to south of Clarendon. About 30,000 power outages resulted. As the cold air deepened near the ground, precipitation began changing over to snow. Over the northern two rows of counties in Arkansas, snow accumulations of 8 to 12 inches were common. Farther to the south, 4 to 8 inches accumulated as far south as Russellville and Searcy, with 2 to 4 inches as far south as Waldron, Perryville, and Beebe. Through the middle of the state, 1 to 2 inches of snow fell as far south as Mena, Hot Springs, Little Rock, and Clarendon. All precipitation came to an end by the early morning hours of the 30th.