

Storm Data and Unusual Weather Phenomena - November 2006

<u>Location</u>	<u>Date/Time</u>	<u>Deaths & Injuries</u>	<u>Property & Crop Dmg</u>	<u>Event Type and Details</u>
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ARKANSAS, Northwest

BENTON (AR-Z001), CARROLL (AR-Z002), WASHINGTON (AR-Z010), MADISON (AR-Z011), CRAWFORD (AR-Z019)

11/29/06 21:00 CST	0	0	Winter Storm
11/30/06 23:00 CST	0	0	

A strong arctic cold front moved into northwestern Arkansas during the morning of the 29th and through west central Arkansas during the afternoon of the 29th. Precipitation developed behind the front as warm, moist air was drawn northward above the shallow cold air near the ground.

The precipitation changed to freezing rain and sleet, which occurred through the morning of the 30th, and then to snow during the afternoon of the 30th. The combination of freezing rain, sleet, and snow through the duration of this event resulted in a crippling winter event across northwestern Arkansas.

OKLAHOMA, Eastern

PUSHMATAHA (OK-Z049), CHOCTAW (OK-Z053), OSAGE (OK-Z054), WASHINGTON (OK-Z055), NOWATA (OK-Z056), CRAIG (OK-Z057), OTTAWA (OK-Z058), PAWNEE (OK-Z059), TULSA (OK-Z060), ROGERS (OK-Z061), MAYES (OK-Z062), DELAWARE (OK-Z063), CREEK (OK-Z064), OKFUSKEE (OK-Z065), OKMULGEE (OK-Z066), WAGONER (OK-Z067), CHEROKEE (OK-Z068), ADAIR (OK-Z069), MUSKOGEE (OK-Z070), MCINTOSH (OK-Z071), SEQUOYAH (OK-Z072), PITTSBURG (OK-Z073), HASKELL (OK-Z074), LATIMER (OK-Z075), LE FLORE (OK-Z076)

11/01/06 00:00 CST	0	0	Drought
11/30/06 23:59 CST	0	0	

Much of eastern Oklahoma began the month of November in severe drought conditions (D2). These conditions were alleviated generally south of Interstate 44 by the end of the month as precipitation in east central and southeastern Oklahoma was well above normal for the month. Precipitation continued to be well below normal across much of northeastern Oklahoma during the month, which resulted in extreme drought conditions (D3) developing in that region.

Normal precipitation for November ranges from 2.6 inches in Pawnee County to 4.4 inches in Haskell County. Some of the heavier precipitation amounts for the month included 11.01 inches in Bengal, 10.76 inches in Fanshawe, 10.74 inches in Red Oak, 10.51 inches in Talihina, and 10.23 inches in Wister.

OTTAWA COUNTY

COMMERCE	11/29/06 15:46 CST	0	0	Hail (0.75 in)
	11/29/06 15:46 CST	0	0	36.93N, 94.87W

Elevated thunderstorms developed north of an arctic cold front and ahead of an approaching strong upper level low pressure system.

PUSHMATAHA (OK-Z049), OSAGE (OK-Z054), WASHINGTON (OK-Z055), NOWATA (OK-Z056), CRAIG (OK-Z057), OTTAWA (OK-Z058), PAWNEE (OK-Z059), TULSA (OK-Z060), ROGERS (OK-Z061), MAYES (OK-Z062), DELAWARE (OK-Z063), CREEK (OK-Z064), OKFUSKEE (OK-Z065), OKMULGEE (OK-Z066), WAGONER (OK-Z067), CHEROKEE (OK-Z068), ADAIR (OK-Z069), MUSKOGEE (OK-Z070), MCINTOSH (OK-Z071), SEQUOYAH (OK-Z072), PITTSBURG (OK-Z073), HASKELL (OK-Z074), LATIMER (OK-Z075), LE FLORE (OK-Z076)

11/29/06 21:00 CST	0	1M	Winter Storm
11/30/06 23:00 CST	0	0	

A strong arctic cold front moved into northeastern Oklahoma by sunrise on the 29th and through southeastern Oklahoma during the evening of the 29th. Precipitation developed behind the front as warm, moist air was drawn northward above the shallow cold air near the ground.

The precipitation changed to freezing rain north of Interstate 44 by the evening of the 29th and then began mixing with some sleet northwest of a Siloam Springs to McAlester line by sunrise on the 30th. The mixture continued into the morning hours of the 30th with up to two inches of sleet occurring in some locations before the precipitation changed over to snow across the entire region during the afternoon. Heavy snow fell over a large portion of the area with up to 15 inches in the heaviest swath across portions of Osage and Washington Counties.

The combination of freezing rain, sleet, and heavy snowfall through the duration of this event resulted in a crippling winter event. The Will Rogers, Cimarron, and Turner Turnpikes were closed for up to nine hours during the heaviest precipitation. Many flights into and out of the Tulsa International Airport were canceled during this storm. Sporadic power outages were reported during the storm across the region. In Ottawa County, the roof of a boat manufacturing facility collapsed due to the weight of the snow destroying 40 boats worth more than \$1 million.