

Storm Data and Unusual Weather Phenomena - January 2007

<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)

01/12/07 18:00 CST	0	150K	Winter Storm
01/15/07 03:00 CST	0	0	

An arctic cold front moved into northwestern Arkansas during the morning hours of the 12th and continued to move through the region during the day. A strong upper level low pressure system moved into the Southern Rockies and several disturbances translated across the Southern Plains bringing periods of heavy sleet and freezing rain to the region. The worst damage from the storm in northwestern Arkansas occurred in Benton County where heavy ice brought down a large number of power lines and power poles resulting in power outages to several towns in the northern and northwestern portion of the county.

SEBASTIAN COUNTY

FT SMITH	01/13/07 10:05 CST	0	0	Flash Flood (due to Heavy Rain)
	01/13/07 16:00 CST	0	0	35.38N, 94.42W

Several roads were flooded and closed around town.

FRANKLIN COUNTY

OZARK	01/13/07 10:30 CST	0	0	Flash Flood (due to Heavy Rain)
	01/13/07 16:00 CST	0	0	35.5N, 93.83W

Several roads were flooded and closed around town.

FRANKLIN COUNTY

VESTA	01/13/07 12:00 CST	0	0	Flash Flood (due to Heavy Rain)
	01/13/07 16:00 CST	0	0	35.38N, 94.03W

Several roads were flooded and closed around town.

SEBASTIAN COUNTY

LAVACA	01/13/07 12:20 CST	0	0	Flash Flood (due to Heavy Rain)
	01/13/07 16:00 CST	0	0	35.33N, 94.18W

Several roads were flooded and closed around town.

Persistent heavy rainfall ahead of a slow moving upper level low pressure system resulted in widespread flash flooding across Sebastian and Franklin Counties in west central 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)

01/12/07 06:00 CST	0	38M	Winter Storm
01/15/07 01:00 CST	0	0	

An arctic cold front moved into northeastern Oklahoma during the late evening hours of the 11th and had finally passed through the southeastern portion of the state by the evening of the 12th. A strong upper level low pressure system moved into the southern Rockies and several disturbances translated across the Southern Plains bringing periods of heavy sleet and freezing rain to the region. The initial precipitation began around daybreak on the 12th and the final round occurred on the 14th.

A devastating swath of one to three inch ice amounts fell in an estimated 60 to 80 mile wide band from roughly Atoka to McAlester to Muskogee to Grove. An estimated 120,000 electric customers were without power due to downed power poles and power lines within this swath, some of which were without power for more than two weeks. West of the heavy ice, one to three inches of sleet occurred with lesser amounts of freezing rain, generally between 1/4 to 1/2 inch. The worst damage to the public infrastructure from the storm in eastern Oklahoma occurred in Muskogee County (\$10.5 million), Pittsburg County (\$7.5 million), McIntosh County (\$6 million), Haskell County (\$5 million), Delaware County (\$3 million), Wagoner County (\$2 million), Mayes County (\$1.5 million), and Cherokee County (\$1 million).

OSAGE (OK-Z054), WASHINGTON (OK-Z055), NOWATA (OK-Z056)

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	01/20/07 06:00 CST	0	0	Winter Storm
	01/20/07 21:00 CST	0	0	

An upper level low pressure system approached the area from West Texas and southwestern Oklahoma passing just to the north. Precipitation began during the early morning of the 20th over eastern Oklahoma. A warm layer of air about five thousand feet above the ground caused the precipitation to fall as sleet initially, but the sleet changed to snow before it ended over portions of northeastern Oklahoma during the evening. About one inch of sleet accumulated across Osage, Washington, and Nowata Counties. One to two inches of snow fell across those counties in addition to the sleet.