

Storm Data and Unusual Weather Phenomena - December 2012

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

(AR-Z001) BENTON, (AR-Z002) CARROLL, (AR-Z010) WASHINGTON, (AR-Z011) MADISON, (AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

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

Precipitation over northwestern Arkansas continued below normal during December 2012, ranging from about one and a half inches to around four inches locally. As a result of this continued dry weather, northwestern Arkansas remained in severe drought (D2) to extreme drought (D3) conditions through the month. Monetary damage estimates resulting from the drought were not available.

SEBASTIAN COUNTY --- 0.2 SE MILL CREEK [35.33, -94.43]

12/19/12 21:25 CST	10K	Thunderstorm Wind (EG 56 kt)
12/19/12 21:25 CST	0	Source: Broadcast Media

Strong thunderstorm wind damaged the awning of a gas station near Zero Street and Wheeler Avenue.

SEBASTIAN COUNTY --- (FSM)FT SMITH MUNI A [35.33, -94.37]

12/19/12 21:29 CST	0	Thunderstorm Wind (MG 55 kt)
12/19/12 21:29 CST	0	Source: ASOS

The ASOS at the Fort Smith Regional Airport measured thunderstorm wind gusts to 63 mph.

SEBASTIAN COUNTY --- 1.6 SSE ISLAND [35.40, -94.12], 2.5 ESE RIVERDALE [35.42, -94.08]

12/19/12 21:46 CST	0.40M	Tornado (EF1, L: 3.00 mi , W: 650 yd)
12/19/12 21:49 CST	0	Source: NWS Storm Survey

The tornado developed near Highway 96 north of Union Road where it damaged a permanent home and trees. It moved northeast uprooting or snapping numerous hardwood and softwood trees and damaging chicken houses and outbuildings. The tornado damaged the sides and roof of a fire station on County Road 68, tore the roof off a double wide mobile home north of County Road 68, then destroyed a double wide mobile home and tore the roofs off of three chicken houses before moving into a wooded area. Based on this damage, maximum estimated wind in the tornado was 100 to 110 mph.

CRAWFORD COUNTY --- 1.0 S MULBERRY [35.49, -94.05]

12/19/12 21:56 CST	0	Hail (0.88 in)
12/19/12 21:56 CST	0	Source: Emergency Manager

FRANKLIN COUNTY --- 0.5 NNW BRANCH [35.31, -93.95]

12/19/12 22:16 CST	0	Hail (0.88 in)
12/19/12 22:16 CST	0	Source: Amateur Radio

FRANKLIN COUNTY --- 5.0 ESE PETER PENDER [35.32, -93.85]

12/19/12 22:19 CST	0	Hail (1.00 in)
12/19/12 22:19 CST	0	Source: Emergency Manager

A line of severe thunderstorms developed over eastern Oklahoma during the early evening hours of the 19th as a cold front moved into the region from the west. The thunderstorms moved rapidly eastward into Arkansas, producing damaging wind, large hail, and a tornado across west central Arkansas.

(AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

12/25/12 13:00 CST	0	Winter Storm
12/26/12 00:00 CST	0	

A strong storm system translated from the Pacific Northwest across the Southern Rockies and into the Southern Plains from the 23rd through the 25th. Rain began across west central Arkansas during the early morning hours of the 25th as this system approached and then transitioned to light freezing rain and a little sleet. The precipitation changed over to snow during the early afternoon of the 25th and fell heavily for several hours before tapering off late in the evening. A swath of heavy snow from four to six inches occurred across west central Arkansas.

OKLAHOMA, Eastern

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z058) OTTAWA, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z063) DELAWARE, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z069) ADAIR, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE				
	12/01/12 00:00 CST		0	Drought
	12/31/12 23:59 CST		0	

Precipitation over eastern Oklahoma continued below normal during December 2012, ranging from 0.25 inches near the Kansas/Missouri border to nearly four inches locally in southeastern Oklahoma. Much of southeastern Oklahoma received between 75 and 90 percent of normal precipitation while much of northeastern Oklahoma north of I-44 only received between 10 and 25 percent of normal precipitation. As a result of this continued dry weather, most of eastern Oklahoma remained in extreme drought (D3) conditions while exceptional drought (D4) conditions continued across much of Osage, Pawnee, Washington, and Creek Counties. Monetary damage estimates resulting from the drought were not available.

PITTSBURG COUNTY --- 0.6 NW SAVANNA [34.84, -95.84]				
	12/19/12 19:50 CST		0	Thunderstorm Wind (EG 52 kt)
	12/19/12 19:50 CST		0	Source: Public

Strong thunderstorm wind blew down large tree limbs.

PITTSBURG COUNTY --- MC ALESTER [34.93, -95.77]				
	12/19/12 20:02 CST		0	Hail (0.75 in)
	12/19/12 20:02 CST		0	Source: Amateur Radio

HASKELL COUNTY --- 0.4 NNW KEOTA [35.26, -94.92]				
	12/19/12 20:48 CST		0	Thunderstorm Wind (EG 56 kt)
	12/19/12 20:48 CST		0	Source: Law Enforcement

Strong thunderstorm wind blew down numerous large tree limbs.

SEQUOYAH COUNTY --- 4.0 N MULDROW [35.48, -94.60]				
	12/19/12 21:06 CST		0	Hail (1.00 in)
	12/19/12 21:06 CST		0	Source: Trained Spotter

LE FLORE COUNTY --- 1.0 NE WISTER [34.98, -94.71]				
	12/19/12 21:43 CST		0	Thunderstorm Wind (EG 52 kt)
	12/19/12 21:43 CST		0	Source: Emergency Manager

Strong thunderstorm wind blew down large tree limbs northeast of town.

A line of severe thunderstorms developed over eastern Oklahoma during the early evening hours of the 19th as a cold front moved into the region from the west. The thunderstorms moved rapidly eastward, producing damaging wind and large hail across mainly southeastern Oklahoma.

(OK-Z049) PUSHMATAHA, (OK-Z053) CHOCTAW, (OK-Z070) MUSKOGEE, (OK-Z073) PITTSBURG, (OK-Z074) HASKELL, (OK-Z075) LATIMER, (OK-Z076) LE FLORE				
	12/25/12 13:00 CST		0	Winter Storm
	12/26/12 00:00 CST		0	

A strong storm system translated from the Pacific Northwest across the Southern Rockies and into the Southern Plains from the 23rd through the 25th. Rain began across southeastern Oklahoma during the early morning hours of the 25th as this system approached and then transitioned to light freezing rain and a little sleet. The precipitation changed over to snow during the early afternoon of the 25th and fell heavily for several hours before tapering off late in the evening. A swath of heavy snow occurred across much of central and southern Oklahoma with four to eight inches occurring across southeastern and east central Oklahoma.