

Storm Data and Unusual Weather Phenomena - November 2011

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

CRAWFORD COUNTY --- 5.0 NNW VAN BUREN [35.50, -94.38]

11/20/11 21:47 CST	0	Hail (1.00 in)
11/20/11 21:47 CST	0	Source: Public

Warm, moist, and unstable air overriding a frontal boundary located across northern Texas and central Arkansas resulted in widespread showers and thunderstorms over west central Arkansas during the evening hours of the 20th. One of the storms briefly became severe producing large hail in Crawford County.

OKLAHOMA, Eastern

(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

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

Several precipitation events resulted in widespread, significant rainfall across much of eastern Oklahoma during the month with much of the region receiving between four and eight inches of precipitation. Rainfall totals for the month were from about 2.50 inches across portions of Osage and Pawnee Counties (about 75 percent of normal rainfall for the month) to 15 to 20 inches across southern Le Flore County (from 200 to 300 percent of normal rainfall for the month). As a result of this rainfall, drought conditions across much of eastern Oklahoma improved during the month with the exception of Osage, Pawnee, Washington, and Nowata Counties where severe drought conditions persisted. Monetary damage estimates resulting from the drought were not available.

OSAGE COUNTY --- 9.0 N BIGHEART [36.98, -96.22]

11/07/11 18:40 CST	0	Hail (0.88 in)
11/07/11 18:40 CST	0	Source: Public

PAWNEE COUNTY --- 1.0 E TERLTON [36.18, -96.46]

11/07/11 21:27 CST	0	Hail (1.00 in)
11/07/11 21:27 CST	0	Source: Trained Spotter

Strong to severe thunderstorms developed along a cold front approaching eastern Oklahoma from the northwest in the early evening hours. The storms organized into a squall line as they approached the region. The stronger storms within the line produced hail.

MUSKOGEE COUNTY --- 1.9 S HASKELL [35.79, -95.66], 1.2 E HYDE PARK [35.78, -95.28], 1.6 S BRAGGS [35.65, -95.20], 2.3 ENE BOYNTON FOSTERS ARPT [35.61, -95.68]

11/08/11 06:30 CST	0	Flash Flood (due to Heavy Rain)
11/08/11 15:00 CST	0	Source: Emergency Manager

Roads throughout the city and county were flooded with several of them being closed from the morning through early afternoon hours.

OKMULGEE COUNTY --- MORRIS [35.60, -95.85], 0.9 N MORRIS [35.61, -95.85], 1.1 NNE MORRIS [35.61, -95.84], 0.5 E MORRIS [35.60, -95.84]

11/08/11 07:00 CST	0	Flash Flood (due to Heavy Rain)
11/08/11 15:00 CST	0	Source: Department of Highways

Highway 62 was flooded and closed.

HASKELL COUNTY --- 0.5 WNW LEQUIRE [35.10, -95.11]

11/08/11 09:45 CST	75K	Thunderstorm Wind (EG 61 kt)
11/08/11 09:45 CST	0	Source: NWS Storm Survey

A single family home was damaged by thunderstorm winds. Several outbuildings and trailers were also severely damaged by the wind.

SEQUOYAH COUNTY --- 1.0 S MULDRAW [35.41, -94.60]

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	11/08/11 10:15 CST		35K	Thunderstorm Wind (EG 61 kt)
	11/08/11 10:15 CST		0	Source: NWS Storm Survey

The roof was blown off one downtown business. Numerous trees were also blown down and one barn was destroyed by strong thunderstorm wind.

Strong to severe thunderstorms moved across southeastern and east central Oklahoma during the morning hours of the 8th ahead of a cold front that was moving into the region. A bow echo type storm produced some wind damage across several counties. Locally heavy rainfall from the storms also resulted in flash flooding.

PUSHMATAHA COUNTY --- 5.8 WSW NASHOBA [34.44, -95.31], 0.8 SSE CLAYTON [34.57, -95.35], 4.1 SE KIAMICHI [34.59, -95.13], 4.2 SE NOLIA [34.45, -95.08]

11/21/11 03:00 CST	0	Flash Flood (due to Heavy Rain)
11/21/11 08:30 CST	0	Source: Public

Residents in the area reported many low water crossings under water around and northeast of Nashoba. Cripple Creek was out of its banks west of Nashoba. Several rural roads were impassable between Clayton and Nashoba.

LE FLORE COUNTY --- 1.0 WNW TALIHINA [34.76, -95.06], 1.7 ENE TALIHINA [34.76, -95.02], 1.8 ESE TALIHINA [34.74, -95.02], 1.0 SSW TALIHINA [34.74, -95.06]

11/21/11 20:30 CST	0	Flash Flood (due to Heavy Rain)
11/22/11 04:30 CST	0	Source: Public

Several roads in and around town were flooded and closed due to flooding. Several homes were evacuated due to rising water.

LE FLORE COUNTY --- 4.0 SW CONSER [34.78, -94.71], 1.2 N HONTUBBY [34.87, -94.55], 2.6 N HICKS [34.79, -94.49], 4.3 WSW STAPP [34.72, -94.68]

11/21/11 21:01 CST	0.10M	Flash Flood (due to Heavy Rain)
11/21/11 22:30 CST	0	Source: Broadcast Media

Multiple roads across southern Le Flore County were flooded and impassable. Water rescues were conducted at Cedar Lake where recreational vehicles were washed away.

LE FLORE COUNTY --- 3.8 ENE LUDLOW [34.55, -94.81], 5.0 ENE OCTAVIA [34.54, -94.62], 5.8 ESE OCTAVIA [34.48, -94.61], 3.5 ESE LUDLOW [34.51, -94.82]

11/21/11 21:10 CST	0	Flash Flood (due to Heavy Rain)
11/21/11 22:30 CST	0	Source: Fire Department/Rescue

Widespread flooding was reported with several water rescues necessary. Highway 144 was closed due to high water.

An area of low pressure developed along a cold front pushing through the region. The combination of these two elements and a warm and moist environment in place across southeast Oklahoma resulted in widespread heavy rains and flash flooding.

PUSHMATAHA COUNTY --- 0.6 ESE CLAYTON [34.58, -95.34], 0.8 ESE CLAYTON [34.58, -95.34], 0.7 SE CLAYTON [34.57, -95.34], 0.5 SE CLAYTON [34.58, -95.34]

11/22/11 03:00 CST	0	Flood (due to Heavy Rain)
11/23/11 23:30 CST	0	Source: Official NWS Observations

The Kiamichi River near Clayton rose above its flood stage of 17 feet at 3:00 am CST on November 22nd. The river crested at 19.65 feet at 12:00 pm CST on the 23rd, resulting in moderate flooding. The river fell below its flood stage at 11:30 pm CST on the 23rd.

A frontal boundary focused shower and thunderstorm development across southeastern Oklahoma on the 21st and 22nd. Widespread heavy rainfall fell across the region as a result of several periods of showers and thunderstorms. This heavy rainfall resulted in moderate flooding of the Kiamichi River near Clayton.