

Storm Data and Unusual Weather Phenomena - July 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Northwest				
FRANKLIN COUNTY --- 1.0 S BRANCH [35.29, -93.95]				
	07/10/14 11:30 CST		0	Thunderstorm Wind (EG 56 kt)
	07/10/14 11:30 CST		0	Source: Public
Strong thunderstorm wind blew down several large tree limbs.				
Several areas of thunderstorms developed and moved across portions of northwestern Arkansas during the day on the 10th. The strongest storms produced some wind damage in Franklin County.				
BENTON COUNTY --- GRAVETTE [36.42, -94.45]				
	07/23/14 12:35 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 12:35 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down several trees.				
BENTON COUNTY --- 0.3 SW GENTRY [36.27, -94.48]				
	07/23/14 12:44 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 12:44 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down several trees.				
BENTON COUNTY --- 1.0 SW BENTONVILLE [36.36, -94.23]				
	07/23/14 12:45 CST		0	Thunderstorm Wind (EG 56 kt)
	07/23/14 12:45 CST		0	Source: Trained Spotter
Strong thunderstorm wind snapped large tree limbs.				
BENTON COUNTY --- 2.0 W OSAGE MILLS [36.28, -94.31]				
	07/23/14 12:53 CST		0	Thunderstorm Wind (MG 51 kt)
	07/23/14 12:53 CST		0	Source: ASOS
The ASOS unit at the Northwest Arkansas Regional Airport (XNA) measured 59 mph thunderstorm wind gusts.				
BENTON COUNTY --- 0.9 NW SILOAM SPGS ARPT [36.19, -94.49]				
	07/23/14 12:55 CST		0	Thunderstorm Wind (MG 53 kt)
	07/23/14 12:55 CST		0	Source: AWOS
The AWOS unit at the Siloam Springs Regional Airport measured 61 mph thunderstorm wind gusts.				
BENTON COUNTY --- 3.0 NE HIGHFILL [36.30, -94.31]				
	07/23/14 12:55 CST		10K	Thunderstorm Wind (EG 52 kt)
	07/23/14 12:55 CST		0	Source: Emergency Manager
Strong thunderstorm wind gusts damaged a building near the Northwest Arkansas Region Airport (XNA).				
BENTON COUNTY --- 4.2 NW BELLA VISTA [36.48, -94.27]				
	07/23/14 12:55 CST		0	Thunderstorm Wind (EG 61 kt)
	07/23/14 12:55 CST		0	Source: Public
Strong thunderstorm wind blew down a tree and snapped numerous large tree limbs.				
BENTON COUNTY --- LOWELL [36.25, -94.13]				
	07/23/14 13:00 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:00 CST		0	Source: Amateur Radio
Strong thunderstorm wind snapped or uprooted several trees.				
WASHINGTON COUNTY --- 0.4 N (FYV)FAYETTEVILLE AR [36.01, -94.17]				

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	07/23/14 13:03 CST		0	Thunderstorm Wind (MG 53 kt)
	07/23/14 13:03 CST		0	Source: ASOS
The ASOS unit at the Fayetteville Executive Airport - Drake Field (FYV) measured 61 mph thunderstorm wind gusts.				
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BENTON COUNTY --- 0.6 NNW CENTERTON [36.36, -94.28]				
	07/23/14 13:13 CST		0	Thunderstorm Wind (EG 65 kt)
	07/23/14 13:13 CST		0	Source: Amateur Radio
Strong thunderstorm wind blew down several small trees.				
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WASHINGTON COUNTY --- 0.9 SE FAYETTEVILLE [36.06, -94.16]				
	07/23/14 13:15 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/14 13:15 CST		0	Source: Public
Strong thunderstorm wind blew down large tree limbs.				
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BENTON COUNTY --- 0.4 NE PEA RIDGE [36.45, -94.11]				
	07/23/14 13:21 CST		20K	Thunderstorm Wind (EG 56 kt)
	07/23/14 13:21 CST	1	0	Source: Amateur Radio
Strong thunderstorm wind damaged the roofs of several homes. Large trees limbs were snapped from trees, one fell on a woman injuring her.				
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WASHINGTON COUNTY --- FAYETTEVILLE [36.07, -94.17]				
	07/23/14 13:28 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/14 13:28 CST		0	Source: Public
Strong thunderstorm wind blew down several large tree limbs.				
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WASHINGTON COUNTY --- 4.0 SW JOHNSON [36.09, -94.22]				
	07/23/14 13:29 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/14 13:29 CST		0	Source: Public
Strong thunderstorm wind blew down several large tree limbs.				
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CARROLL COUNTY --- 1.3 W MUNDELL [36.37, -93.87]				
	07/23/14 13:30 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:30 CST		0	Source: Public
Strong thunderstorm wind blew down several trees.				
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FRANKLIN COUNTY --- OZARK [35.50, -93.83]				
	07/23/14 13:35 CST		0	Hail (0.88 in)
	07/23/14 13:35 CST		0	Source: Emergency Manager
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CRAWFORD COUNTY --- 2.0 N VAN BUREN [35.46, -94.35]				
	07/23/14 13:39 CST		10K	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:39 CST		0	Source: Trained Spotter
Strong thunderstorm wind blew down several trees and snapped numerous large tree limbs. The wind also damaged several homes.				
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CRAWFORD COUNTY --- 0.4 NNE VAN BUREN [35.44, -94.35]				
	07/23/14 13:45 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/23/14 13:45 CST		0	Source: Broadcast Media
Strong thunderstorm wind blew out some windows in downtown Van Buren.				
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SEBASTIAN COUNTY --- 0.4 NNE FT SMITH [35.38, -94.42]				
	07/23/14 13:45 CST		5K	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:45 CST		0	Source: Emergency Manager

Strong thunderstorm wind blew down trees and power lines on North B street.

Storm Data and Unusual Weather Phenomena - July 2014

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SEBASTIAN COUNTY --- 0.4 NNE (FSM)FT SMITH MUNI A [35.33, -94.37]				
	07/23/14 13:49 CST		0	Thunderstorm Wind (MG 57 kt)
	07/23/14 13:49 CST		0	Source: ASOS
The ASOS unit at the Fort Smith Regional Airport (FSM) measured 66 mph thunderstorm wind gusts.				
FRANKLIN COUNTY --- 1.0 E OZARK [35.50, -93.81]				
	07/23/14 13:50 CST		0	Hail (1.00 in)
	07/23/14 13:50 CST		0	Source: Emergency Manager
FRANKLIN COUNTY --- 1.0 W OZARK [35.50, -93.85]				
	07/23/14 13:50 CST		15K	Thunderstorm Wind (EG 56 kt)
	07/23/14 13:50 CST		0	Source: Emergency Manager
Strong thunderstorm wind damaged the roofs of several homes.				
FRANKLIN COUNTY --- 2.5 S WEBB CITY [35.44, -93.83]				
	07/23/14 13:53 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:53 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down large trees.				
SEBASTIAN COUNTY --- 1.0 E CENTRAL CITY [35.32, -94.23]				
	07/23/14 13:57 CST		0.20M	Thunderstorm Wind (MG 68 kt)
	07/23/14 13:57 CST		0	Source: Trained Spotter
Strong thunderstorm wind severely damaged several commercial buildings, snapped or uprooted several trees, damaged the roofs of several homes, damaged privacy fences, and blew down power lines. A trained storm spotter measured 78 mph wind gusts in this area at the time.				
SEBASTIAN COUNTY --- 0.3 S (FSM)FT SMITH MUNI A [35.33, -94.37]				
	07/23/14 14:03 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/14 14:03 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down power lines.				
FRANKLIN COUNTY --- 5.8 SSW CHARLESTON [35.22, -94.06]				
	07/23/14 14:10 CST		40K	Thunderstorm Wind (EG 61 kt)
	07/23/14 14:10 CST		0	Source: Broadcast Media
Strong thunderstorm wind heavily damage a metal building and caused minor damage to several other buildings.				
FRANKLIN COUNTY --- 0.6 NW ALTUS [35.46, -93.78], 1.2 E ALTUS [35.45, -93.75], 1.6 SSE ALTUS [35.43, -93.76], 1.2 SW ALTUS [35.44, -93.78]				
	07/23/14 14:30 CST		0	Flash Flood (due to Heavy Rain)
	07/23/14 20:00 CST		0	Source: Public
Locally heavy rainfall of around 5 inches in several hours resulted in the flooding of several county roads near and around Altus.				
A complex of thunderstorms moved across northwestern Arkansas on the 23rd, producing widespread damaging wind and some large hail across the region.				
OKLAHOMA, Eastern				
(OK-Z053) CHOCTAW, (OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE				
	07/01/14 00:00 CST		0	Drought
	07/31/14 23:59 CST		0	
Several unseasonably strong cold fronts passed through eastern Oklahoma during July 2014. Along with the mild temperatures that came with the fronts, some widespread rainfall fell across the area, especially across southeastern Oklahoma where rainfall was				

Storm Data and Unusual Weather Phenomena - July 2014

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between 100 and 300 percent of the long-term climatological normal. Far northeastern Oklahoma experienced conditions that were drastically different during the month with a lot of the region only receiving between 25 and 50 percent of average rainfall for the month. The long-term drought conditions improved over southeastern Oklahoma but remained across much of northeastern Oklahoma. Severe drought (D2) conditions persisted during the month across portions of Okfuskee, Okmulgee, Tulsa, Washington, Rogers, Nowata, and Craig Counties with extreme drought (D3) conditions continuing across portions of Creek, Pawnee, and Osage Counties. Monetary damage estimates resulting from the drought were not available.

TULSA COUNTY --- 7.0 NNE SPERRY [36.39, -95.95], 4.0 WNW COLLINSVILLE [36.40, -95.89], 3.6 W COLLINSVILLE [36.36, -95.89], 3.0 ESE SKIATOOK [36.36, -95.95]

	07/10/14 12:49 CST	0	Flash Flood (due to Heavy Rain)
	07/10/14 15:00 CST	0	Source: Trained Spotter

Heavy rain resulted in the flooding of portions of 166th St N.

ROGERS COUNTY --- 6.2 SE COLLINSVILLE [36.31, -95.75]

	07/10/14 14:00 CST	18K	Lightning
	07/10/14 14:00 CST	0	Source: NWS Storm Survey

A lightning strike hit a home, causing the brick chimney to break apart with pieces falling into the yard and onto the roof. The roof was damaged in several places by the falling bricks. The lightning also damaged a lot of the electrical wiring of the home and damaged some of the support beams of the roof as it passed through the house.

TULSA COUNTY --- 4.8 NW COLLINSVILLE [36.43, -95.88], 4.2 NNW COLLINSVILLE [36.43, -95.85], 2.8 NNW COLLINSVILLE [36.41, -95.85], 3.7 NW COLLINSVILLE [36.40, -95.88]

	07/10/14 14:17 CST	0	Flash Flood (due to Heavy Rain)
	07/10/14 16:30 CST	0	Source: Trained Spotter

Heavy rain resulted in the flooding of several county roads.

Several areas of thunderstorms developed and moved across portions of northeastern Oklahoma during the day on the 10th. A home was struck by lightning from one of these storms during the afternoon, resulting in damage to the home. Localized flash flooding also occurred from the excessive rainfall that occurred in some areas.

CRAIG COUNTY --- 7.1 S TODD [36.57, -95.02]

	07/13/14 18:36 CST	0	Hail (1.00 in)
	07/13/14 18:36 CST	0	Source: Trained Spotter

TULSA COUNTY --- 1.0 S COLLINSVILLE [36.36, -95.83]

	07/13/14 20:30 CST	3K	Thunderstorm Wind (EG 61 kt)
	07/13/14 20:30 CST	0	Source: Public

Strong thunderstorm wind estimated to 70 mph moved a steel shed approximately 150 feet.

Thunderstorms developed along an outflow boundary across northeastern Oklahoma on the 13th. A couple of these storms became severe, producing large hail and damaging wind gusts.

MAYES COUNTY --- 3.0 SW BIG CABIN [36.50, -95.26]

	07/14/14 17:01 CST	0	Thunderstorm Wind (EG 52 kt)
	07/14/14 17:01 CST	0	Source: Trained Spotter

A trained storm spotter estimated thunderstorm winds of 60 mph southwest of Big Cabin.

MAYES COUNTY --- 0.5 N ADAIR [36.44, -95.27]

	07/14/14 17:02 CST	0	Hail (1.00 in)
	07/14/14 17:02 CST	0	Source: Emergency Manager

MAYES COUNTY --- 0.5 N ADAIR [36.44, -95.27]

	07/14/14 17:02 CST	25K	Thunderstorm Wind (EG 52 kt)
	07/14/14 17:02 CST	0	Source: Emergency Manager

Strong thunderstorm wind blew shingles off of several roofs, blew down numerous large tree limbs, and blew down privacy fences. A metal roof was also blown off of a building.

Storm Data and Unusual Weather Phenomena - July 2014

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MAYES COUNTY --- 0.9 SSE GREEN [36.37, -95.27]				
	07/14/14 17:10 CST		0	Thunderstorm Wind (MG 50 kt)
	07/14/14 17:10 CST		0	Source: Mesonet
The Oklahoma Mesonet station near Pryor measured thunderstorm wind gusts to 58 mph.				
Thunderstorms developed along an outflow boundary over northeastern Oklahoma on the 14th. The stronger storms produce damaging winds and large hail across Mayes County.				
(OK-Z060) TULSA				
	07/21/14 14:00 CST		0	Excessive Heat
	07/23/14 15:30 CST	8	0	
A strong subtropical ridge of high pressure over the south central United States resulted in a period of dry and hot weather across northeastern Oklahoma. High temperatures in the lower to middle 90s combined with high humidity resulted in afternoon heat index values in the 105 to 110 degree range. Overnight temperatures provided little relief from the heat, only falling into the middle 70s. At least eight people were treated for heat-related illness during this period in the City of Tulsa, four of which were transported to local hospitals.				
CRAIG COUNTY --- 0.8 S VINITA [36.64, -95.15]				
	07/23/14 11:44 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 11:44 CST		0	Source: Public
Strong thunderstorm wind blew down several trees.				
CRAIG COUNTY --- 3.5 ESE VINITA ARPT [36.59, -95.10]				
	07/23/14 11:44 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 11:44 CST		0	Source: Law Enforcement
Strong thunderstorm wind blew down several trees.				
ROGERS COUNTY --- 3.5 SW CATALE [36.54, -95.43]				
	07/23/14 12:00 CST		5K	Thunderstorm Wind (EG 70 kt)
	07/23/14 12:00 CST		0	Source: Law Enforcement
Strong thunderstorm wind blew down trees and power lines.				
DELAWARE COUNTY --- 5.0 E GROVE [36.58, -94.68]				
	07/23/14 12:13 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 12:13 CST		0	Source: Trained Spotter
Strong thunderstorm wind blew down large trees.				
DELAWARE COUNTY --- 4.0 E KANSAS [36.20, -94.73]				
	07/23/14 12:40 CST		0	Thunderstorm Wind (EG 56 kt)
	07/23/14 12:40 CST		0	Source: Public
Strong thunderstorm wind snapped numerous large tree limbs about one mile north of the Twister gas station on U.S. Highway 412.				
CHEROKEE COUNTY --- 1.0 NW PEGGS [36.09, -95.11]				
	07/23/14 12:54 CST		0	Hail (1.00 in)
	07/23/14 12:54 CST		0	Source: Social Media
CHEROKEE COUNTY --- TAHLEQUAH [35.92, -94.97]				
	07/23/14 12:56 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 12:56 CST		0	Source: Broadcast Media
Strong thunderstorm wind blew down trees.				
WAGONER COUNTY --- 1.8 ENE WAGONER AIRSTRIP [35.98, -95.30]				

Storm Data and Unusual Weather Phenomena - July 2014

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	07/23/14 13:02 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/14 13:02 CST		0	Source: Public
Strong thunderstorm wind blew down power lines around the White Horn Cove area.				
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ADAIR COUNTY --- STILWELL [35.82, -94.63]	07/23/14 13:10 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:10 CST		0	Source: Law Enforcement
Strong thunderstorm wind blew down several trees and numerous large tree limbs on county roads around Stilwell.				
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LE FLORE COUNTY --- POTEAU [35.05, -94.62]	07/23/14 13:10 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/14 13:10 CST		0	Source: Broadcast Media
Strong thunderstorm wind damaged the roof of a business.				
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MUSKOGEE COUNTY --- FT GIBSON [35.80, -95.25]	07/23/14 13:10 CST		0	Thunderstorm Wind (EG 65 kt)
	07/23/14 13:10 CST		0	Source: Broadcast Media
Strong thunderstorm wind blew down a tree.				
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MAYES COUNTY --- 0.5 N ADAIR [36.44, -95.27]	07/23/14 13:30 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:30 CST		0	Source: Law Enforcement
Strong thunderstorm wind snapped or uprooted trees.				
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MUSKOGEE COUNTY --- 0.9 NNW SHOPTON [35.74, -95.36]	07/23/14 13:30 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/14 13:30 CST		0	Source: Broadcast Media
Strong thunderstorm wind snapped large tree limbs.				
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SEQUOYAH COUNTY --- 5.0 W SHORT [35.57, -94.57]	07/23/14 13:34 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:34 CST		0	Source: Public
Strong thunderstorm wind blew down trees and snapped numerous large tree limbs.				
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SEQUOYAH COUNTY --- ROLAND [35.42, -94.52]	07/23/14 13:46 CST		0	Thunderstorm Wind (EG 56 kt)
	07/23/14 13:46 CST		0	Source: Emergency Manager
Thunderstorm wind gusts were estimated to 65 mph.				
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SEQUOYAH COUNTY --- 1.0 SE SALLISAW [35.46, -94.79]	07/23/14 13:47 CST		0	Thunderstorm Wind (EG 70 kt)
	07/23/14 13:47 CST		0	Source: Emergency Manager
Strong thunderstorm wind blew down trees.				
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LE FLORE COUNTY --- POTEAU KERR ARPT [35.02, -94.62]	07/23/14 14:25 CST		10K	Thunderstorm Wind (EG 61 kt)
	07/23/14 14:25 CST		0	Source: Broadcast Media
Strong thunderstorm wind flipped a small airplane at the Poteau Airport.				
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LE FLORE COUNTY --- 0.7 N HEAVENER [34.89, -94.60]	07/23/14 14:34 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/14 14:34 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - July 2014

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Strong thunderstorm wind blew down power lines.

LE FLORE COUNTY --- 1.0 NW HODGEN [34.84, -94.63]

	07/23/14 14:41 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/14 14:41 CST		0	Source: Public

Strong thunderstorm wind blew down power lines.

LE FLORE COUNTY --- OCTAVIA [34.52, -94.70]

	07/23/14 15:08 CST		5K	Thunderstorm Wind (EG 56 kt)
	07/23/14 15:08 CST		0	Source: Public

Strong thunderstorm wind blew down large tree limbs and power lines.

CHOCTAW COUNTY --- 1.0 SW HUGO NASH ARPT [34.01, -95.51]

	07/23/14 16:30 CST		0	Thunderstorm Wind (EG 52 kt)
	07/23/14 16:30 CST		0	Source: Law Enforcement

Strong thunderstorm wind blew down large tree limbs.

A complex of thunderstorms moved through eastern Oklahoma on the 23rd, producing widespread damaging wind and some large hail across the region.

(OK-Z054) OSAGE, (OK-Z059) PAWNEE, (OK-Z060) TULSA

	07/25/14 15:15 CST		0	Excessive Heat
	07/27/14 10:00 CST	14	0	

The subtropical ridge of high pressure strengthened over the south central United States after it had weakened for a few days. Another period of dry and hot weather resulted across northeastern Oklahoma. High temperatures in the middle 90s to near 100 combined with high humidity resulted in afternoon heat index values in the 105 to 110 degree range. Overnight temperatures provided little relief from the heat, only falling into the middle to upper 70s. At least fourteen people were treated for heat-related illness in the City of Tulsa, two of which were transported to a local hospital.

PITTSBURG COUNTY --- 1.0 WNW NORTH MC ALESTER [34.96, -95.79], 2.6 N KREBS [34.96, -95.71], 1.9 WSW ALDERSON [34.89, -95.71], 1.4 WNW (MLC)MC ALESTER MUNI [34.89, -95.80]

	07/31/14 02:50 CST		0	Flash Flood (due to Heavy Rain)
	07/31/14 04:30 CST		0	Source: Law Enforcement

Locally heavy rainfall resulted in several streets becoming flooded in McAlester.

PITTSBURG COUNTY --- 6.0 W MC ALESTER [34.93, -95.88], 1.4 N WHITE SWITCH [34.90, -96.00], 1.5 SSE WHITE SWITCH [34.86, -95.99], 3.9 NNW SAVANNA [34.88, -95.86]

	07/31/14 04:00 CST		0	Flash Flood (due to Heavy Rain)
	07/31/14 08:30 CST		0	Source: County Official

Portions of Highway 31 were closed due to flooding.

Widespread rainfall occurred across portions of eastern Oklahoma during the early morning hours of the 31st. Localized flash flooding occurred in areas that received the most persistent and heavy rain.