

Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

ARKANSAS, Northwest

SEBASTIAN COUNTY --- 1.5 N MILL CREEK [35.35, -94.43]

07/10/21 20:22 CST	0	2K	Thunderstorm Wind (EG 52 kt)
07/10/21 20:22 CST	0		Source: Law Enforcement

Strong thunderstorm wind blew down power lines near State Line Road and Arkansas Street.

Strong to severe thunderstorms developed across southern Kansas during the afternoon of the 10th, ahead of an approaching cold front. The storms moved southeast and across west central Arkansas during the evening. The strongest thunderstorms produced damaging wind gusts.

SEBASTIAN COUNTY --- 1.8 S ENTERPRISE [35.24, -94.43], 0.2 NW ENTERPRISE [35.27, -94.43], 1.3 W CRESENT [35.28, -94.39], 2.0 SW RYE HILL [35.25, -94.39]

07/16/21 10:08 CST	0	0	Flash Flood (due to Heavy Rain)
07/16/21 13:00 CST	0		Source: Public

Portions of Highway 45 were flooded north of Bonanza.

Thunderstorms moved southeast into west central Arkansas during the morning of the 16th. Unusually high amounts of moisture in the atmosphere resulted in efficient rain-producing thunderstorms that produced locally heavy rainfall. Some flash flooding occurred as a result of the heavy rainfall.

FRANKLIN COUNTY --- 2.4 SSW CHARLESTON [35.27, -94.04], 1.6 NW ALTUS [35.47, -93.79], 1.9 N MANITOU [35.51, -93.88], 2.4 W CHARLESTON [35.30, -94.07]

07/18/21 04:00 CST	0	0.25M	Flash Flood (due to Heavy Rain)
07/18/21 06:00 CST	0		Source: Emergency Manager

Flood water caused minor damage to twenty homes in Ozark, and damaged portions of several roads in southwestern Franklin County.

Thunderstorms developed into northwestern Arkansas during the early morning hours of the 18th. Unusually high moisture content of the air, and slow-moving thunderstorms resulted in locally heavy rainfall and flash flooding.

(AR-Z019) CRAWFORD, (AR-Z020) FRANKLIN, (AR-Z029) SEBASTIAN

07/25/21 11:00 CST	0	0	Excessive Heat
07/31/21 19:00 CST	0		

A ridge of high pressure in the middle and upper atmosphere developed over the south central United States during late July. Afternoon temperatures reaching the upper 90s to near 100 degrees, combined with high humidity, resulted in daily heat index values in the 110 to 115 degree range across west central Arkansas from the 25th through the 31st.

OKLAHOMA, Eastern

OTTAWA COUNTY --- 2.9 ENE NARCISSA [36.81, -94.88], 3.0 NNE OTTAWA [36.89, -94.78], 3.6 WNW CARDIN [36.99, -94.91], 13.1 WNW NORTH MIAMI [36.99, -95.10]

07/01/21 00:00 CST	0	0	Flood (due to Heavy Rain)
07/03/21 13:30 CST	0		Source: Official NWS Observations

The Neosho River near Commerce rose above its flood stage of 15 feet at 4:15 am CDT on June 27th. The river remained above flood stage through the end of the month, cresting at 20.38 feet at 2:45 pm CDT on July 1st, which resulted in moderate flooding. Riverview Park in Miami was flooded, and considerable agricultural flooding occurred. Portions of Highway 125 were flooded and closed. The river fell below flood stage at 2:30 pm CDT on July 3rd.

OKMULGEE COUNTY --- 4.7 NNW NUYAKA [35.71, -96.17], 0.7 SE KUSA [35.44, -95.91], 1.7 NE HOFFMAN [35.50, -95.83], 0.6 E PRESTON [35.72, -95.97]

07/01/21 06:45 CST	0	0	Flood (due to Heavy Rain)
07/07/21 16:15 CST	0		Source: Official NWS Observations

The Deep Fork River near Beggs rose above its flood stage of 18 feet at 7:45 am CDT on July 1st. The river crested at 26.93 feet at 10:30 am CDT on the 3rd, resulting in major flooding. Severe agricultural flooding occurred near the river. County roads were flooded south and southwest of Beggs, and west and northwest of Okmulgee, and some homes were isolated by flood water. The river fell below flood stage at 5:15 pm CDT on the 7th.

Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TULSA COUNTY --- 1.2 ESE SAND SPGS [36.14, -96.10], 1.1 ENE SAND SPGS [36.16, -96.10], 2.2 ENE SAND SPGS [36.16, -96.08], 1.8 N LAKE STATION [36.15, -96.08]				
	07/01/21 10:15 CST		5K	Flash Flood (due to Heavy Rain)
	07/01/21 12:15 CST		0	Source: Fire Department/Rescue
The driver of a stalled car was rescued from flood water on Woodland Drive.				
WAGONER COUNTY --- 0.7 WNW COWETA [35.95, -95.66], 0.3 NW COWETA [35.95, -95.65], 0.2 SW COWETA [35.95, -95.65], 0.5 W COWETA [35.95, -95.66]				
	07/01/21 10:45 CST		30K	Flash Flood (due to Heavy Rain)
	07/01/21 12:45 CST		0	Source: Broadcast Media
Portions of E 146th Street S were flooded near S Division Street. Three people were rescued from their flooded homes.				
WAGONER COUNTY --- 1.3 W ONETA [36.02, -95.74], 1.7 WSW ONETA [36.01, -95.75], 1.1 SW ONETA [36.01, -95.73], 0.6 W ONETA [36.02, -95.73]				
	07/01/21 11:00 CST		5K	Flash Flood (due to Heavy Rain)
	07/01/21 12:45 CST		0	Source: Emergency Manager
Portions of S 209th E Avenue were flooded with up to five feet of water. A vehicle was driven into the flood water, and the driver had to be rescued.				
TULSA COUNTY --- 2.1 S BROKEN ARROW ARPK [36.02, -95.88], 2.3 SSE BROKEN ARROW ARPK [36.02, -95.85], 3.0 SSE BROKEN ARROW ARPK [36.01, -95.85], 2.7 S BROKEN ARROW ARPK [36.01, -95.87]				
	07/01/21 11:02 CST		0	Flash Flood (due to Heavy Rain)
	07/01/21 12:45 CST		0	Source: Broadcast Media
Portions of E 101st Street were flooded near Cedar Ridge Country Club.				
TULSA COUNTY --- 1.2 NE BROKEN ARROW [36.06, -95.77], 1.6 SE BROKEN ARROW [36.03, -95.76], 2.9 S BROKEN ARROW [36.01, -95.78], 0.9 NW BROKEN ARROW [36.06, -95.79]				
	07/01/21 11:15 CST		0	Flash Flood (due to Heavy Rain)
	07/01/21 12:45 CST		0	Source: Emergency Manager
Portions of multiple roads were flooded and closed in Broken Arrow.				
TULSA COUNTY --- 2.1 NNW OWASSO [36.30, -95.87], 2.0 NNW OWASSO [36.30, -95.86], 1.7 NNW OWASSO [36.29, -95.86], 1.8 NW OWASSO [36.29, -95.87]				
	07/01/21 12:15 CST		0	Flash Flood (due to Heavy Rain)
	07/01/21 14:15 CST		0	Source: Emergency Manager
Portions of E 96th Street North were flooded near N Mingo Road.				
<p>A stationary front across northeastern Oklahoma and southeastern Kansas resulted in multiple rounds of thunderstorms across the region from June 26th through June 30th. Four to eight inches of rain fell across much of Ottawa County during the early morning hours of June 26th, with heavy rainfall also occurring across the Neosho River basin in eastern Kansas. Six to twelve inch rainfall amounts occurred in a 3-day period ending during the mid morning hours of June 28th. This widespread heavy rainfall resulted in moderate flooding along the Neosho River near Commerce, which continued into early July.</p> <p>The frontal boundary pushed southward into northeastern Oklahoma on July 1st, with another round of thunderstorms developing during the early morning hours. This activity continued into the evening. Unusually high precipitable water in the atmosphere promoted additional heavy rainfall from these thunderstorms. Widespread two to six inch rainfall amounts occurred across northeastern Oklahoma, which resulted in flash flooding. The Deep Fork River near Beggs experienced major flooding as a result of a week's worth of rainfall totaling up to around ten inches in the basin.</p>				
OSAGE COUNTY --- 7.3 ENE OKESA [36.77, -96.01]				
	07/10/21 16:02 CST		0	Thunderstorm Wind (MG 53 kt)
	07/10/21 16:02 CST		0	Source: ASOS
The ASOS at the Bartlesville Municipal Airport measured 61 mph thunderstorm wind gusts.				
MAYES COUNTY --- 1.9 NW ADAIR [36.45, -95.29]				
	07/10/21 17:15 CST		1K	Thunderstorm Wind (EG 61 kt)
	07/10/21 17:15 CST		0	Source: Emergency Manager

Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Strong thunderstorm wind snapped a power pole northwest of town.				
MAYES COUNTY --- 0.5 NNE PRYOR [36.31, -95.32]				
	07/10/21 17:25 CST		10K	Thunderstorm Wind (EG 56 kt)
	07/10/21 17:25 CST		0	Source: Broadcast Media
Strong thunderstorm wind damaged a large metal building.				
TULSA COUNTY --- 4.8 NE SKIATOOK [36.41, -95.93]				
	07/10/21 17:48 CST		1K	Thunderstorm Wind (EG 56 kt)
	07/10/21 17:48 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs and blew shingles off of a roof.				
WAGONER COUNTY --- 1.6 NNE COWETA [35.97, -95.64]				
	07/10/21 19:20 CST		0	Thunderstorm Wind (MG 55 kt)
	07/10/21 19:20 CST		0	Source: NWS Employee
A home weather station measured 63 mph thunderstorm wind gusts.				
Strong to severe thunderstorms developed across southern Kansas during the afternoon of the 10th, ahead of an approaching cold front. The storms moved southeast and across northeastern Oklahoma during the evening. The strongest thunderstorms produced damaging wind gusts.				
OTTAWA COUNTY --- 2.9 ENE NARCISSA [36.81, -94.88], 3.0 NNE OTTAWA [36.89, -94.78], 3.6 WNW CARDIN [36.99, -94.91], 13.1 WNW NORTH MIAMI [36.99, -95.10]				
	07/16/21 16:15 CST		0	Flood (due to Heavy Rain)
	07/20/21 17:30 CST		0	Source: Official NWS Observations
The Neosho River near Commerce rose above its flood stage of 15 feet at 5:15 pm CDT on July 16th. The river crested at 20.60 feet at 5:00 am CDT on the 19th, resulting in moderate flooding. Riverview Park in Miami was flooded, and considerable agricultural flooding occurred. Portions of Highway 125 were flooded and closed. The river fell below flood stage at 6:30 pm CDT on the 20th.				
Persistent thunderstorm activity occurred across the Neosho River basin in southeastern Kansas during the afternoon and evening hours of the 15th. This activity developed slowly southward into northeastern Oklahoma during the early morning of the 16th. Widespread one to three inch rainfall amounts occurred across northeastern Oklahoma by daybreak on the 16th, with up to ten inches occurring across southeastern Kansas. This excessive rainfall resulted in moderate flooding of the Neosho River near Commerce.				
WAGONER COUNTY --- 0.5 E ONETA [36.02, -95.71]				
	07/17/21 14:48 CST		3K	Thunderstorm Wind (EG 61 kt)
	07/17/21 14:48 CST		0	Source: Storm Chaser
Strong thunderstorm wind snapped several power poles along Highway 51 near S 239th East Avenue.				
OTTAWA COUNTY --- 3.2 ESE WYANDOTTE [36.78, -94.68]				
	07/17/21 19:05 CST		0	Thunderstorm Wind (EG 52 kt)
	07/17/21 19:05 CST		0	Source: Emergency Manager
Strong thunderstorm wind snapped large tree limbs.				
TULSA COUNTY --- 2.7 N BIXBY [35.99, -95.88], 2.7 N BIXBY [35.99, -95.89], 2.6 N BIXBY [35.99, -95.89], 2.6 N BIXBY [35.99, -95.88]				
	07/18/21 00:14 CST		0	Flash Flood (due to Heavy Rain)
	07/18/21 01:45 CST		0	Source: Broadcast Media
Portions of E 121st Street S were flooded near S Memorial Drive.				
MUSKOGEE COUNTY --- 0.7 NW BACONE [35.76, -95.34], 0.7 WNW BACONE [35.76, -95.34], 0.7 WNW BACONE [35.75, -95.34], 0.6 WNW BACONE [35.75, -95.34]				
	07/18/21 01:35 CST		0	Flash Flood (due to Heavy Rain)
	07/18/21 04:15 CST		0	Source: Law Enforcement
Flooding was reported at the intersection of Gibson Street and N York Street.				

Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
MUSKOGEE COUNTY --- 1.5 NNW BACONE [35.77, -95.34], 1.5 NNW BACONE [35.77, -95.34], 1.4 NNW BACONE [35.77, -95.34], 1.5 NNW BACONE [35.77, -95.34]				
	07/18/21 02:00 CST		5K	Flash Flood (due to Heavy Rain)
	07/18/21 04:15 CST		0	Source: Fire Department/Rescue
A vehicle driven into a flooded intersection, was washed off the road and into a ditch, where the driver needed to be rescued.				
Scattered thunderstorms developed across eastern Oklahoma during the afternoon of the 17th. The air mass across the region was very moist and moderately unstable, allowing the strongest thunderstorms to produce damaging wind gusts. Additional thunderstorms developed during the early morning hours of the 18th. Unusually high moisture content of the air, and slow-moving thunderstorms resulted in locally heavy rainfall and flash flooding.				
(OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z056) NOWATA, (OK-Z057) CRAIG, (OK-Z059) PAWNEE, (OK-Z060) TULSA, (OK-Z061) ROGERS, (OK-Z062) MAYES, (OK-Z064) CREEK, (OK-Z065) OKFUSKEE, (OK-Z066) OKMULGEE, (OK-Z067) WAGONER, (OK-Z068) CHEROKEE, (OK-Z070) MUSKOGEE, (OK-Z071) MCINTOSH, (OK-Z072) SEQUOYAH				
	07/24/21 11:00 CST		0	Excessive Heat
	07/31/21 19:00 CST	45	0	
A ridge of high pressure in the middle and upper atmosphere developed over the south central United States during late July. Afternoon temperatures reaching the upper 90s to near 100 degrees, combined with high humidity, resulted in daily heat index values in the 110 to 115 degree range across portions of eastern Oklahoma from the 24th through the 31st. At least 45 heat-related medical calls occurred during this period in Tulsa County.				
ROGERS COUNTY --- 2.0 SSE COLLINSVILLE [36.34, -95.82]				
	07/25/21 16:50 CST		0	Thunderstorm Wind (EG 56 kt)
	07/25/21 16:50 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs.				
TULSA COUNTY --- 2.0 ESE COLLINSVILLE [36.36, -95.80]				
	07/25/21 16:50 CST		0	Thunderstorm Wind (EG 61 kt)
	07/25/21 16:50 CST		0	Source: Social Media
Strong thunderstorm wind snapped large tree limbs.				
TULSA COUNTY --- OWASSO [36.27, -95.85]				
	07/25/21 17:00 CST		2K	Thunderstorm Wind (EG 61 kt)
	07/25/21 17:00 CST		0	Source: Social Media
Strong thunderstorm wind snapped large tree limbs, some of which fell onto a vehicle.				
ROGERS COUNTY --- 4.0 SE COLLINSVILLE [36.33, -95.78]				
	07/25/21 17:01 CST		0	Thunderstorm Wind (EG 52 kt)
	07/25/21 17:01 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs.				
ROGERS COUNTY --- 4.0 SSE COLLINSVILLE [36.32, -95.80]				
	07/25/21 17:01 CST		1K	Thunderstorm Wind (EG 56 kt)
	07/25/21 17:01 CST		0	Source: Public
Strong thunderstorm wind snapped large tree limbs, and blew shingles off of a roof.				
TULSA COUNTY --- 0.2 NW (TUL)TULSA INTL ARPT [36.20, -95.88]				
	07/25/21 17:01 CST		0	Thunderstorm Wind (MG 55 kt)
	07/25/21 17:01 CST		0	Source: ASOS
The ASOS at Tulsa International Airport measured 63 mph thunderstorm wind gusts.				
TULSA COUNTY --- 4.0 NNW BROKEN ARROW [36.10, -95.81]				
	07/25/21 17:15 CST		1K	Thunderstorm Wind (EG 56 kt)
	07/25/21 17:15 CST		0	Source: NWS Employee

Storm Data and Unusual Weather Phenomena - July 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
----------	-----------	-------------------	---------------------	------------------------

Strong thunderstorm wind snapped large tree limbs, and blew shingles off of a roof.

Thunderstorms developed into northeastern Oklahoma during the early evening hours of the 25th, along outflow from earlier thunderstorms. The strongest storms produced damaging wind gusts.

MCINTOSH COUNTY --- 2.1 W EUFAULA MUNI ARPT [35.30, -95.66]

07/27/21 02:39 CST

0

Thunderstorm Wind (MG 56 kt)

07/27/21 02:45 CST

0

Source: Mesonet

The Oklahoma Mesonet station near Eufaula measured thunderstorm wind gusts up to 64 mph.

An isolated thunderstorm produced damaging wind gusts in McIntosh County during the early morning hours of the 27th.