

Storm Data and Unusual Weather Phenomena - October 2018

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

BENTON COUNTY --- 0.4 NW SILOAM SPGS [36.18, -94.54]				
	10/07/18 14:16 CST		0	Thunderstorm Wind (EG 52 kt)
	10/07/18 14:16 CST		0	Source: Public

Strong thunderstorm wind snapped large tree limbs.

BENTON COUNTY --- 0.8 NW SILOAM SPGS [36.19, -94.54]				
	10/07/18 14:16 CST		0	Hail (1.00 in)
	10/07/18 14:16 CST		0	Source: Broadcast Media

Strong to severe thunderstorms developed during the afternoon along and north of a warm front that stretched across eastern Oklahoma on the 7th. The storms moved northeast into portions of northwestern Arkansas. The strongest storms produced hail up to quarter size and damaging wind gusts.

FRANKLIN COUNTY --- 0.5 ESE ALTUS [35.45, -93.76]				
	10/09/18 14:20 CST		5K	Thunderstorm Wind (EG 65 kt)
	10/09/18 14:20 CST		0	Source: Emergency Manager

Strong thunderstorm wind damaged a home and blew down a few trees.

Strong to severe thunderstorms developed during the morning hours of the 9th over central Oklahoma and north central Texas, along and ahead of a cold front that was moving into the area. The storms moved east and into northwestern Arkansas during the afternoon. The strongest storms produced damaging wind gusts.

OKLAHOMA, Eastern

(OK-Z054) OSAGE, (OK-Z055) WASHINGTON, (OK-Z060) TULSA				
	10/01/18 00:00 CST		0	Drought
	10/24/18 00:00 CST		0	

Much of eastern Oklahoma received average to above average rainfall during October 2018. During the first two weeks of the month, several rainfall events occurred across northeastern Oklahoma that resulted in rainfall amounts from four to ten inches in portions of Osage, Washington, and Tulsa Counties. This rainfall reduced the prolonged severe drought (D2) conditions to moderate (D1) conditions. Monetary damage estimates due to the drought were not available.

DELAWARE COUNTY --- 0.9 N GROVE [36.59, -94.77]				
	10/06/18 17:33 CST		5K	Thunderstorm Wind (EG 65 kt)
	10/06/18 17:33 CST		0	Source: Emergency Manager

Strong thunderstorm wind blew down several trees and snapped power poles. A carport was severely damaged.

DELAWARE COUNTY --- 0.1 W GROVE ARPT [36.60, -94.73]				
	10/06/18 17:35 CST		0	Thunderstorm Wind (MG 63 kt)
	10/06/18 17:35 CST		0	Source: AWOS

The weather observation system at the Grove Municipal Airport measured 73 mph thunderstorm wind gusts.

MAYES COUNTY --- 4.0 SW SALINA [36.26, -95.20]				
	10/06/18 18:00 CST		2K	Thunderstorm Wind (EG 65 kt)
	10/06/18 18:00 CST		0	Source: Emergency Manager

Strong thunderstorm wind blew down multiple trees and damaged the roof of a home.

Strong to severe thunderstorms developed during the late afternoon of the 6th across northeastern Oklahoma as a cold front moved slowly into the region. The strongest storms produced damaging wind gusts.

CHEROKEE COUNTY --- 2.0 SSE ELDON [35.90, -94.82]				
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	10/07/18 13:27 CST		0	Hail (0.75 in)
	10/07/18 13:27 CST		0	Source: Trained Spotter
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OSAGE COUNTY --- 0.5 W FAIRFAX [36.57, -96.71], 1.1 NE FAIRFAX [36.58, -96.68]				
	10/07/18 18:46 CST		50K	Tornado (EF0, L: 1.50 mi , W: 225 yd)
	10/07/18 18:50 CST		0	Source: NWS Storm Survey
<p>This tornado developed over the southwestern portion of the town of Fairfax, where the roofs of homes were damaged, and power poles and large tree limbs were snapped. The tornado moved northeast across town damaging the roofs of a number of businesses, damaging homes, snapping large tree limbs, and blowing down power poles. Numerous windows of businesses and homes were broken due to flying debris. The tornado moved east-northeast from Fairfax, crossing County Road 5701 where large tree limbs were snapped, then dissipated over open country. Based on this damage, maximum estimated wind in the tornado was 80 to 85 mph.</p>				
<p>Strong to severe thunderstorms developed during the afternoon along and north of a warm front that stretched across eastern Oklahoma on the 7th. The strongest storms produced hail. Another round of storms moved into northeastern Oklahoma from the southwest during the evening hours of the 7th. One of these storms produced a tornado in Osage County as it moved along the warm frontal boundary.</p>				
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OKFUSKEE COUNTY --- 3.0 NW PADEN [35.53, -96.61]				
	10/09/18 08:50 CST		0	Thunderstorm Wind (EG 65 kt)
	10/09/18 08:50 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind blew down trees northwest of town.</p>				
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OKFUSKEE COUNTY --- 1.0 S WELTY [35.61, -96.40]				
	10/09/18 09:00 CST		0	Thunderstorm Wind (EG 52 kt)
	10/09/18 09:00 CST		0	Source: Emergency Manager
<p>Strong thunderstorm wind snapped large tree limbs.</p>				
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MUSKOGEE COUNTY --- 2.4 NNE BOYNTON FOSTERS ARPT [35.63, -95.71]				
	10/09/18 10:15 CST		0	Thunderstorm Wind (MG 54 kt)
	10/09/18 10:15 CST		0	Source: Storm Chaser
<p>A storm chaser measured thunderstorm wind gusts to 62 mph.</p>				
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TULSA COUNTY --- 3.0 SE BROKEN ARROW ARPK [36.02, -95.83]				
	10/09/18 10:17 CST		0	Thunderstorm Wind (EG 61 kt)
	10/09/18 10:17 CST		0	Source: Public
<p>Strong thunderstorm wind blew down a tree near the intersection of E 101st Street and S 129th E Ave.</p>				
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WAGONER COUNTY --- 3.9 NNE BROKEN ARROW [36.10, -95.76]				
	10/09/18 10:26 CST		0	Thunderstorm Wind (EG 52 kt)
	10/09/18 10:26 CST		0	Source: Public
<p>Strong thunderstorm wind snapped large tree limbs.</p>				
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WAGONER COUNTY --- 3.8 NNE BROKEN ARROW [36.10, -95.75]				
	10/09/18 10:27 CST		2K	Thunderstorm Wind (EG 54 kt)
	10/09/18 10:27 CST		0	Source: Broadcast Media
<p>Strong thunderstorm wind snapped large tree limbs and damaged a privacy fence near Liberty Elementary School.</p>				
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ROGERS COUNTY --- 2.3 SE INOLA [36.12, -95.48], 1.5 NW INOLA ARPT [36.16, -95.45]				
	10/09/18 11:02 CST		2K	Thunderstorm Wind (EG 61 kt)
	10/09/18 11:07 CST		0	Source: NWS Storm Survey
<p>Strong thunderstorm wind snapped large tree limbs and damaged the roof of a home.</p>				
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MAYES COUNTY --- 3.4 WNW CHOUTEAU [36.19, -95.41]				

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	10/09/18 11:10 CST		2K	Thunderstorm Wind (EG 61 kt)
	10/09/18 11:10 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind damaged the roof of a home.

ROGERS COUNTY --- 1.5 E BUSHYHEAD [36.47, -95.47], 3.6 NE BUSHYHEAD [36.51, -95.46]

	10/09/18 11:14 CST		10K	Thunderstorm Wind (EG 70 kt)
	10/09/18 11:19 CST		0	Source: NWS Storm Survey

A swath of strong thunderstorm wind blew the roof decking from a home, uprooted small trees, and snapped large tree limbs intermittently in at least a 3.5 mile long area.

SEQUOYAH COUNTY --- 1.9 WNW SALLISAW [35.48, -94.83], 1.9 WNW SALLISAW [35.48, -94.83]

	10/09/18 12:03 CST		25K	Thunderstorm Wind (EG 70 kt)
	10/09/18 12:04 CST		0	Source: NWS Storm Survey

Strong thunderstorm wind destroyed two barns and snapped large tree limbs across a small area on the northwest side of Sallisaw.

Strong to severe thunderstorms developed during the morning hours of the 9th over central Oklahoma and north central Texas, along and ahead of a cold front that was moving into the area. The storms moved into and through eastern Oklahoma during the late morning and early afternoon. The strongest storms produced damaging wind gusts.

OTTAWA COUNTY --- 6.7 WNW NORTH MIAMI [36.96, -94.99], 3.1 WSW MIAMI [36.86, -94.93], 1.8 SE MIAMI [36.86, -94.86], 4.9 WNW NORTH MIAMI [36.95, -94.96]

	10/09/18 18:00 CST		0	Flood (due to Heavy Rain)
	10/15/18 17:00 CST		0	Source: Official NWS Observations

The Neosho River near Commerce rose above its flood stage of 15 feet at 7:00 pm CDT on October 9th. The river crested at 19.34 feet at 3:45 pm CDT on the 14th, resulting in moderate flooding. The river fell below flood stage at 6:00 pm CDT on the 15th.

Several rounds of showers and thunderstorms moved across northeastern Oklahoma and southeastern Kansas from October 2nd through the 9th. Four to eight inches of rain fell across the region during this period. The heavy rainfall resulted in moderate flooding of the Neosho River near Commerce.