

Storm Data and Unusual Weather Phenomena - December 2022

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z043) COAL, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA, (OK-Z050) LOVE, (OK-Z051) MARSHALL				
	12/01/22 00:00 CST	0		Drought
	12/31/22 23:59 CST	0		
Widespread, severe drought continued to persist through the month. Episodes of rainfall across much of the area helped improve conditions some, most notably across eastern Oklahoma. However, large expanses of extreme and exceptional drought remained by the end of the month.				
(OK-Z005) WOODS, (OK-Z016) CUSTER				
	12/02/22 18:40 CST	0		High Wind (MAX 52 kt)
	12/02/22 20:35 CST	0		
A strong cold front brought blowing dust and high winds to portions of northern and western Oklahoma.				
BECKHAM COUNTY --- 4.2 SSW ERICK [35.16, -99.91]				
	12/13/22 00:13 CST	0		Tornado (EFU, L: 0.20 mi , W: 40 yd)
	12/13/22 00:13 CST	0		Source: Storm Chaser
Storm chasers observed a brief QLCS tornado approaching State Highway 30 to the south-southwest of Erick. No damage was reported.				
CUSTER COUNTY --- 4.4 SW BUTLER [35.60, -99.25]				
	12/13/22 01:10 CST	0		Thunderstorm Wind (MG 53 kt)
	12/13/22 01:10 CST	0		Source: Mesonet
COTTON COUNTY --- 8.1 SSE HULEN [34.39, -98.17]				
	12/13/22 04:10 CST	0		Hail (1.00 in)
	12/13/22 04:10 CST	0		Source: Social Media
COMANCHE COUNTY --- 1.8 WSW LAWTON [34.60, -98.42], 4.9 SSW LAWTON [34.54, -98.42], 4.5 SSE LAWTON [34.55, -98.37], 1.1 ESE LAWTON [34.60, -98.37]				
	12/13/22 04:15 CST	0		Flood (due to Heavy Rain)
	12/13/22 07:15 CST	0		Source: Public
Car stranded in flood water.				
STEPHENS COUNTY --- 1.8 NNW DUNCAN [34.52, -97.97], 1.8 NNW DUNCAN [34.52, -97.97]				
	12/13/22 04:24 CST	3K		Tornado (EF1, L: 0.32 mi , W: 50 yd)
	12/13/22 04:26 CST	0		Source: Emergency Manager
A large tree was uprooted and a power pole snapped as a tornado touched down in the northwest part of Duncan . At the same time, the rear-flank downdraft from the storm was producing damage across southwest and central portions of Duncan.				
STEPHENS COUNTY --- 3.6 NNW DUNCAN [34.55, -97.98]				
	12/13/22 04:26 CST	0		Hail (2.00 in)
	12/13/22 04:26 CST	0		Source: Public
GRADY COUNTY --- 1.2 NW COX CITY [34.74, -97.75], 1.0 NNW COX CITY [34.74, -97.74]				
	12/13/22 04:51 CST	75K		Tornado (EF2, L: 0.60 mi , W: 50 yd)
	12/13/22 04:52 CST	0		Source: Emergency Manager
A tornado touched down near Cox City and moved east-northeast. The roof and exterior second floor walls were removed from house and a barn was destroyed near Cox City Road just northwest of town.				

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MCCLAIN COUNTY --- 0.7 S WAYNE [34.91, -97.32], 3.6 NE WAYNE [34.96, -97.28]				
	12/13/22 05:27 CST		75K	Tornado (EF2, L: 4.00 mi , W: 300 yd)
	12/13/22 05:32 CST		0	Source: NWS Storm Survey
<p>A tornado touched down just south of the city limits of Wayne and moved north through town . Three power poles were snapped along State Highway 59 on the south side of Wayne, and produced tree and roof damage at a few locations in Wayne . As the tornado moved north of town, a house about a mile north of town had it's roof removed and exterior walls near the garage and porch were destroyed. An outbuilding was also destroyed in this area. Powerline and tree damage were observed farther north as the tornado moved north and then northeast crossing the Canadian River into Cleveland County.</p>				
CLEVELAND COUNTY --- 0.6 SSW NORMAN [35.21, -97.44], 1.7 S NORMAN [35.20, -97.44], 1.7 S NORMAN [35.20, -97.44], 0.6 S NORMAN [35.21, -97.44]				
	12/13/22 05:30 CST		0	Flash Flood (due to Heavy Rain)
	12/13/22 08:30 CST		0	Source: NWS Employee
<p>Car stalled on Jenkins street.</p>				
CLEVELAND COUNTY --- 4.7 SE LEXINGTON [34.96, -97.28], 4.8 SE LEXINGTON [34.97, -97.27]				
	12/13/22 05:32 CST		5K	Tornado (EF1, L: 0.90 mi , W: 100 yd)
	12/13/22 05:33 CST		0	Source: Public
<p>This tornado crossed the Canadian River from McClain County into Cleveland County. In Cleveland County, it uprooted a tree, and damaged an abandoned home and windmill before dissipating.</p>				
POTTAWATOMIE COUNTY --- 5.1 WSW WANETTE [34.94, -97.12], 4.7 WSW WANETTE [34.94, -97.11]				
	12/13/22 05:46 CST		5K	Tornado (EF0, L: 0.60 mi , W: 30 yd)
	12/13/22 05:47 CST		0	Source: Emergency Manager
<p>A trailer was damaged in far southern Pottawatomie County to the west-southwest of Wanette.</p>				
GARVIN COUNTY --- 0.6 E HENNEPIN [34.51, -97.34], 4.7 NE HENNEPIN [34.55, -97.29]				
	12/13/22 05:55 CST		5K	Tornado (EF1, L: 4.20 mi , W: 100 yd)
	12/13/22 06:00 CST		0	Source: Emergency Manager
<p>Trees were damaged and the roof was removed from a communications building along State Highway 7 just northeast of Hennepin. The tornado likely moved northeast into unpopulated areas near Wildhorse Creek and Sandy Creek before dissipating.</p>				
<p>Storms moved through Oklahoma late in the evening of December 12th and into the early morning hours of the 13th, producing isolated severe weather including a few tornadoes.</p>				
(OK-Z027) GRADY, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z038) COMANCHE				
	12/22/22 03:11 CST		0	High Wind (MAX 54 kt)
	12/22/22 08:35 CST		0	
<p>A very strong arctic front swept across the area on the morning of the 22nd, bringing wind gusts over 60 mph.</p>				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z022) WASHITA, (OK-Z023) CADDO, (OK-Z024) CANADIAN, (OK-Z027) GRADY, (OK-Z035) KIOWA, (OK-Z038) COMANCHE				
	12/22/22 04:00 CST		0	Extreme Cold/Wind Chill
	12/22/22 10:00 CST		0	
<p>Arctic cold combined with 40-60mph winds to produce extremely cold wind chills across much of northern and western Oklahoma, where wind chills of -20 to -30 degrees Fahrenheit were observed.</p>				
(OK-Z005) WOODS				
	12/29/22 12:20 CST		0	High Wind (MAX 51 kt)
	12/29/22 12:20 CST		0	
<p>As a cold front crossed the area strong wind gusts were observed across northern Oklahoma, with isolated gusts over 55 mph reported during the afternoon of the 29th.</p>				

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TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z090) CLAY

12/01/22 00:00 CST	0	Drought
12/15/22 23:59 CST	0	

Severe to exceptional drought persisted through December across parts of western-north Texas. Conditions improved towards the middle of the month, as beneficial rainfall occurred over much of the area.

(TX-Z083) HARDEMAN, (TX-Z084) FOARD

12/16/22 00:00 CST	0	Drought
12/31/22 23:59 CST	0	

While multiple days of rainfall improved drought conditions across portions of the area, areas of severe to extreme drought lingered across Hardeman and Foard counties.