

Storm Data and Unusual Weather Phenomena - December 2021

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKLAHOMA, Western, Central and Southeast				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z021) BECKHAM, (OK-Z022) WASHITA, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z035) KIOWA, (OK-Z036) JACKSON, (OK-Z037) TILLMAN				
	12/01/21 00:00 CST		0	Drought
	12/31/21 23:59 CST		0	
Drought was extensive across much of western Oklahoma and western north Texas during the beginning of the month, with continued dry conditions causing the eastward expansion of drought across much of central Oklahoma by month's end.				
(OK-Z009) ELLIS, (OK-Z012) GARFIELD, (OK-Z037) TILLMAN				
	12/10/21 11:25 CST		0	High Wind (MAX 53 kt)
	12/10/21 17:08 CST		0	
(OK-Z014) ROGER MILLS, (OK-Z038) COMANCHE				
	12/10/21 12:00 CST		0.51M	Wildfire
	12/10/21 23:00 CST		0	
A strong storm system with a tight pressure gradient led to high winds across much of western Oklahoma and western north Texas. Several fires were reported during the afternoon of the 10th, with numerous structures burned.				
(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z008) KAY, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z015) DEWEY, (OK-Z018) KINGFISHER, (OK-Z025) OKLAHOMA				
	12/15/21 10:10 CST		0	High Wind (MAX 67 kt)
	12/15/21 15:05 CST		0	
(OK-Z006) ALFALFA				
	12/15/21 12:00 CST		0	Wildfire
	12/15/21 23:00 CST		0	
A powerful storm system tracked across the southern and central Plains on the 15th, bringing extreme wind speeds and multiple wildfires to the area.				
(OK-Z006) ALFALFA, (OK-Z007) GRANT, (OK-Z008) KAY, (OK-Z012) GARFIELD, (OK-Z013) NOBLE, (OK-Z017) BLAINE, (OK-Z018) KINGFISHER, (OK-Z019) LOGAN, (OK-Z020) PAYNE, (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-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z044) COTTON, (OK-Z045) JEFFERSON, (OK-Z046) CARTER, (OK-Z047) JOHNSTON, (OK-Z050) LOVE, (OK-Z051) MARSHALL, (OK-Z052) BRYAN				
	12/16/21 00:00 CST		0	Drought
	12/31/21 23:59 CST		0	
Drought was extensive across much of western Oklahoma and western north Texas during the beginning of the month, with continued dry conditions causing the eastward expansion of drought across much of central Oklahoma by month's end.				
GARVIN COUNTY --- 3.7 WSW WYNNEWOOD [34.62, -97.22]				
	12/17/21 14:50 CST		0	Hail (0.88 in)
	12/17/21 14:50 CST		0	Source: Storm Chaser
PONTOTOC COUNTY --- 3.0 SSW BYNG [34.82, -96.69]				
	12/17/21 15:49 CST		0	Hail (0.75 in)
	12/17/21 15:49 CST		0	Source: Emergency Manager
PONTOTOC COUNTY --- 1.5 NNE ADA [34.79, -96.67]				
	12/17/21 15:57 CST		0	Hail (1.00 in)
	12/17/21 15:57 CST		0	Source: Trained Spotter
STEPHENS COUNTY --- 1.8 SW COMANCHE [34.35, -97.99]				

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	12/17/21 16:28 CST		0	Hail (1.00 in)
	12/17/21 16:28 CST		0	Source: Public

JEFFERSON COUNTY --- 9.8 W CORNISH [34.18, -97.77]

12/17/21 16:45 CST	10K	Thunderstorm Wind (EG 61 kt)
12/17/21 16:45 CST	0	Source: Public

At least 6 power poles downed along US 70. Time estimated from radar.

JEFFERSON COUNTY --- 0.7 N RINGLING [34.19, -97.59]

12/17/21 17:05 CST	0	Thunderstorm Wind (MG 52 kt)
12/17/21 17:05 CST	0	Source: Mesonet

PONTOTOC COUNTY --- ALLEN [34.88, -96.41]

12/17/21 17:15 CST	0	Hail (1.00 in)
12/17/21 17:15 CST	0	Source: Social Media

Time estimated from radar.

A cold front helped spark scattered thunderstorms across portions of southern Oklahoma during the afternoon of the 17th, with a few reports of severe wind and hail received.

TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER

12/01/21 00:00 CST	0	Drought
12/01/21 23:59 CST	0	

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(TX-Z087) KNOX

12/10/21 11:25 CST	0	High Wind (MAX 51 kt)
12/10/21 11:25 CST	0	

(TX-Z086) WICHITA, (TX-Z089) ARCHER, (TX-Z090) CLAY

12/10/21 12:00 CST	0.11M	Wildfire
12/10/21 23:00 CST	0	

A strong storm system with a tight pressure gradient led to high winds across much of western Oklahoma and western north Texas. Several fires were reported during the afternoon of the 10th, with numerous structures burned.

(TX-Z086) WICHITA, (TX-Z090) CLAY

12/16/21 00:00 CST	0	Drought
12/31/21 23:59 CST	0	

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