Storm Data and Unusual Weather Phenomena - December 2021

Property &

Event Type and Details

Deaths &

Date/Time

Location

STEPHENS COUNTY --- 1.8 SW COMANCHE [34.35, -97.99]

Injuries Crop Dmg 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 begining 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 0.51M Wildfire 12/10/21 12:00 CST 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 begining 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]** 0 Hail (0.88 in) 12/17/21 14:50 CST 12/17/21 14:50 CST 0 Source: Storm Chaser PONTOTOC COUNTY --- 3.0 SSW BYNG [34.82, -96.69] 0 12/17/21 15:49 CST 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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	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 CORNIS	H [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 RINGLIN				
	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 thui reports of severe wind and hail received		hern Oklahoma dı	iring the afternooi	n of the 17th, with a few
TEXAS, Western North				
TEARO, WOOLIN WORLIN				

ΓX-Z083) HARDEMAN, (TX-Z084) F	OARD, (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	
-	h of western Oklahoma and western north Texas		•
y conditions causing the eastwar	d expansion of drought across much of central	Oklahoma by month's en	d.
TX-Z087) KNOX			
	12/10/21 11:25 CST	0	High Wind (MAX 51 kt)
	12/10/21 11:25 CST	0	
X-Z086) WICHITA, (TX-Z089) ARC	HER, (TX-Z090) CLAY		
	12/10/21 12:00 CST	0.11M	Wildfire
	12/10/21 23:00 CST	0	
strong storm system with a tight	pressure gradient led to high winds across muc	h of western Oklahoma a	nd western north Texas.
everal fires were reported during t	the afternoon of the 10th, with numerous structu	ires burned.	
TX-Z086) WICHITA, (TX-Z090) CLA	(
	12/16/21 00:00 CST	0	Drought
	12/31/21 23:59 CST	0	

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