

Storm Data and Unusual Weather Phenomena - December 2012

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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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, (OK-Z052) BRYAN

12/01/12 00:00 CST	0	Drought
12/31/12 23:59 CST	0	

Very few rainfall events occurred during the month of December over Oklahoma. This allowed drought conditions to persist or even worsen in some areas.

(OK-Z050) LOVE

12/10/12 07:00 CST	0	Winter Weather
12/10/12 11:00 CST	0	

An arctic front moved through Oklahoma during the evening hours on the 9th. As very cold air spilled into Oklahoma from the North, a strong upper level wave moved over southern Oklahoma and northern Texas. Strong lift associated with this system was enough to generate a narrow band of light to moderate snow. Several areas saw snow accumulation, including parts of the Arbuckles Mountains in south-central Oklahoma. Snow accumulations ranged from a dusting to around an inch and a half.

BECKHAM COUNTY --- 2.6 WSW ELK CITY [35.39, -99.46]

12/14/12 18:25 CST	5K	Thunderstorm Wind (EG 56 kt)
12/14/12 18:25 CST	0	Source: Emergency Manager

Power lines were reported down on Merritt Road just north of I-40 at MM 34.

WASHITA COUNTY --- 2.8 E COLONY [35.35, -98.63]

12/14/12 19:10 CST	5K	Thunderstorm Wind (EG 56 kt)
12/14/12 19:10 CST	0	Source: Public

Several trees were blown down and shingles were removed from the roof of a residence. Time estimated from radar.

A large and intense squall line developed along a cold front over eastern New Mexico during the early afternoon, then swept quickly east through the Texas Panhandle and western Oklahoma by evening. Severe winds occurred in a few locations near the apex of the bowing squall line.

BRYAN COUNTY --- 0.6 W CADDO [34.13, -96.27]

12/19/12 20:04 CST	0	Thunderstorm Wind (MG 50 kt)
12/19/12 20:04 CST	0	Source: Emergency Manager

BRYAN COUNTY --- BENNINGTON [34.00, -96.04]

12/19/12 20:04 CST	0	Thunderstorm Wind (MG 50 kt)
12/19/12 20:04 CST	0	Source: Emergency Manager

BRYAN COUNTY --- 0.6 W ALBANY [33.88, -96.17]

12/19/12 20:56 CST	0	Thunderstorm Wind (EG 52 kt)
12/19/12 20:56 CST	0	Source: Public

Estimated by public. No damage was reported.

A deepening surface cyclone moved across northern Oklahoma during the evening hours of the 19th. As a dryline surged eastward into central and eastern Oklahoma, instability and strong wind shear lead to the development of multicell storms. These storms eventually grew into a severe squall line that moved across eastern Oklahoma. Wind damage was reported in a few locations.

(OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z016) CUSTER, (OK-Z017) BLAINE, (OK-Z021) BECKHAM, (OK-Z027) GRADY, (OK-Z028) MCCLAIN, (OK-Z036) JACKSON, (OK-Z037) TILLMAN, (OK-Z045) JEFFERSON

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	12/25/12 06:00 CST		0	Winter Weather
	12/25/12 18:00 CST		0	
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(OK-Z023) CADDO, (OK-Z035) KIOWA, (OK-Z046) CARTER				
	12/25/12 06:00 CST		0	Heavy Snow
	12/25/12 17:00 CST		0	
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(OK-Z038) COMANCHE				
	12/25/12 09:00 CST		0	Winter Storm
	12/25/12 20:00 CST		0	
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(OK-Z044) COTTON				
	12/25/12 12:00 CST		0	Blizzard
	12/25/12 17:30 CST		0	

A strong upper storm system moved into Oklahoma from Christmas Eve through Christmas Day. Much of southern and western Oklahoma received considerable snowfall, while northern and central Oklahoma saw measurable snows. A brief period of blizzard conditions also occurred over southwest Oklahoma, where over 6 inches of snow fell in some areas.

TEXAS, Western North

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(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY				
	12/01/12 00:00 CST		0	Drought
	12/31/12 23:59 CST		0	

Very few rainfall events occurred during the month of December over northern Texas. This allowed drought conditions to persist or even worsen in some areas.

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FOARD COUNTY --- CROWELL [33.98, -99.72]				
	12/14/12 18:20 CST		10K	Thunderstorm Wind (EG 61 kt)
	12/14/12 18:20 CST		0	Source: Fire Department/Rescue

Power lines were reported down and windows blown in, along with tin roofs peeled back.

A large and intense squall line developed along a cold front over eastern New Mexico during the early afternoon, then swept quickly east through the Texas Panhandle and western north Texas by evening. A bowing segment produced some severe wind gusts during the 6:00pm hour.

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(TX-Z086) WICHITA				
	12/25/12 09:00 CST		0	Heavy Snow
	12/25/12 17:00 CST		0	
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(TX-Z088) BAYLOR				
	12/25/12 10:00 CST		0	Winter Weather
	12/25/12 16:00 CST		0	

A strong upper storm system moved into Oklahoma and north Texas from Christmas Eve through Christmas Day. Parts of western north Texas received considerable snowfall. A brief period of blizzard conditions also occurred during the afternoon, where over 6 inches of snow fell in some areas.