

## Storm Data and Unusual Weather Phenomena - February 2014

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-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, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z044) COTTON, (OK-Z045) JEFFERSON

02/01/14 00:00 CST	0	Drought
02/28/14 00:00 CST	0	

With persistent dry conditions and only a few snow events, drought conditions did not improve.

(OK-Z027) GRADY, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z032) HUGHES, (OK-Z038) COMANCHE, (OK-Z039) STEPHENS, (OK-Z040) GARVIN, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC, (OK-Z044) COTTON

02/02/14 02:00 CST	0	Heavy Snow
02/02/14 16:00 CST	0	

(OK-Z043) COAL, (OK-Z048) ATOKA, (OK-Z051) MARSHALL, (OK-Z052) BRYAN

02/02/14 07:00 CST	0	Winter Storm
02/02/14 16:00 CST	0	

A powerful cold front swept through Oklahoma early on the first, allowing a deep cold airmass to fill into the region. An approaching upper level wave brought sufficient lift to generate bands of light to moderate snow over much of southern Oklahoma. Snow gradually ended late on the 2nd, but not before impressive storm total snow accumulations occurred.

(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-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z017) BLAINE

02/04/14 00:00 CST	0	Heavy Snow
02/05/14 00:00 CST	0	

A compact upper low lifted across western and central Oklahoma. This allowed moderate to heavy precipitation to fall within a very deep sub freezing airmass. Heavy snow lead to impressive snow accumulations in several locations from northwestern through north central Oklahoma.

(OK-Z048) ATOKA

02/07/14 13:00 CST	0	Heavy Snow
02/07/14 19:00 CST	0	

With a persistent very cold and dry airmass over Oklahoma, a weak upper storm system moving across central Texas brought adequate moisture and lift to produce a heavy mesoscale band of snow. This band brought impressive snowfall to portions of southern Oklahoma.

(OK-Z004) HARPER, (OK-Z005) WOODS, (OK-Z006) ALFALFA, (OK-Z009) ELLIS, (OK-Z010) WOODWARD, (OK-Z011) MAJOR, (OK-Z012) GARFIELD, (OK-Z015) DEWEY, (OK-Z016) CUSTER, (OK-Z018) KINGFISHER

02/20/14 06:35 CST	0	High Wind (MAX 56 kt)
02/20/14 09:50 CST	0	

As a strong Arctic cold front surged through the region, a very tight surface pressure gradient lead to strong to severe north wind gusts over portions of northern and western Oklahoma.

### TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER, (TX-Z086) WICHITA, (TX-Z087) KNOX, (TX-Z088) BAYLOR, (TX-Z089) ARCHER, (TX-Z090) CLAY

02/01/14 00:00 CST	0	Drought
02/28/14 23:59 CST	0	

With persistent dry conditions and only a few snow events, drought conditions did not improve.

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

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/02/14 03:00 CST		0	Heavy Snow
	02/02/14 11:00 CST		0	

A powerful cold front swept through north Texas early on the first, allowing a deep cold airmass to fill into the region. An approaching upper level wave brought sufficient lift to generate bands of light to moderate snow over much of western north Texas. Snow gradually ended late on the 2nd, but not before impressive storm total snow accumulations occurred.