## Storm Data and Unusual Weather Phenomena - January 2007

<u>Location</u> <u>Date/Time</u> <u>Deaths & Property & Event Type and Details</u> Injuries Crop Dmg

### OKLAHOMA, Western, Central and Southeast

HARPER (OK-Z004), WOODS (OK-Z005), ALFALFA (OK-Z006), GRANT (OK-Z007), KAY (OK-Z008), ELLIS (OK-Z009), WOODWARD (OK-Z010), MAJOR (OK-Z011), GARFIELD (OK-Z012), NOBLE (OK-Z013), ROGER MILLS (OK-Z014), DEWEY (OK-Z015), CUSTER (OK-Z016), BLAINE (OK-Z017), KINGFISHER (OK-Z018), LOGAN (OK-Z019), PAYNE (OK-Z020), BECKHAM (OK-Z021), WASHITA (OK-Z022), CADDO (OK-Z023), CANADIAN (OK-Z024), OKLAHOMA (OK-Z025), LINCOLN (OK-Z026), GRADY (OK-Z027), MCCLAIN (OK-Z028), CLEVELAND (OK-Z029), POTTAWATOMIE (OK-Z030), SEMINOLE (OK-Z031), HUGHES (OK-Z032), STEPHENS (OK-Z039), GARVIN (OK-Z040), MURRAY (OK-Z041), PONTOTOC (OK-Z042), COAL (OK-Z043), COTTON (OK-Z044), JEFFERSON (OK-Z045), CARTER (OK-Z046), JOHNSTON (OK-Z047), ATOKA (OK-Z048), LOVE (OK-Z050), MARSHALL (OK-Z051), BRYAN (OK-Z052)

Severe to extreme (D2-D3) drought conditions were seen across much of the northern half of Oklahoma during the month of January. However, much needed precipitation during the latter half of the month, mainly in some form of winter precipitation, allowed for these areas to improve to just severe conditions (D2). This also allowed for an improvement to areas farther south that were in D2 drought conditions during the month of December. The winter storm from the 12th through the 14th provided much needed precipitation to improve these areas to D1 or less.

The drought has been ongoing for over a year now, which continues the water worries over many communities. Lake levels remain at or near record lows, although the recent beneficial moisture has helped somewhat. Many boat docks and ramps remained on dry ground, but lakes are showing some improvement, rising slowly during the last half of the month. Even at low levels, most lakes are still considered at safe levels for everyday living and water rationing has been kept to a minimum.

The agriculture industry continued to be hit hard by the drought. Although many farmers are beginning the year much better than they did last year due to the recent precipitation, many are fighting to save their 2007 crops. The recent precipitation has helped the top 12 inches of the soil, but the soil below this remains very dry. Additional precipitation will help crops that were planted during the fall, such as winter wheat. The crop damage for the area was estimated at 750 thousand dollars.

#### LOGAN (OK-Z019), OKLAHOMA (OK-Z025), GRADY (OK-Z027)

01/12/07 00:00 CST 3 0 Cold/Wind Chill 01/18/07 23:59 CST 0 0

A strong arctic cold front moved through Oklahoma on the 12th, bringing with it several rounds of wintry precipitation and cold temperatures. The extreme cold took its toll on those who were outside for prolonged periods of time. Two people died of hypothermia due to the extreme cold.

HARPER (OK-Z004), WOODS (OK-Z005), ALFALFA (OK-Z006), GRANT (OK-Z007), KAY (OK-Z008), ELLIS (OK-Z009), WOODWARD (OK-Z010), MAJOR (OK-Z011), GARFIELD (OK-Z012), NOBLE (OK-Z013), ROGER MILLS (OK-Z014), DEWEY (OK-Z015), CUSTER (OK-Z016), BLAINE (OK-Z017), KINGFISHER (OK-Z018), LOGAN (OK-Z019), PAYNE (OK-Z020), BECKHAM (OK-Z021), WASHITA (OK-Z022), CADDO (OK-Z023), CANADIAN (OK-Z024), OKLAHOMA (OK-Z025), LINCOLN (OK-Z026), GRADY (OK-Z027), MCCLAIN (OK-Z028), CLEVELAND (OK-Z029), POTTAWATOMIE (OK-Z030), SEMINOLE (OK-Z031), HUGHES (OK-Z032), HARMON (OK-Z033), GREER (OK-Z034), KIOWA (OK-Z035), JACKSON (OK-Z036), TILLMAN (OK-Z037), COMANCHE (OK-Z038), STEPHENS (OK-Z039), GARVIN (OK-Z040), MURRAY (OK-Z041), PONTOTOC (OK-Z042), COAL (OK-Z043), COTTON (OK-Z044), JEFFERSON (OK-Z045), CARTER (OK-Z046), JOHNSTON (OK-Z047), ATOKA (OK-Z048), LOVE (OK-Z050), MARSHALL (OK-Z051), BRYAN (OK-Z052)

A strong winter storm crippled much of Oklahoma from January 12th through the 14th, spreading snow, freezing rain and sleet across the state. The snow and sleet was confined to northern and western Oklahoma. The freezing rain and sleet occurred mainly over central and southwest Oklahoma, with mainly freezing rain over the southeast. The hardest hit areas with freezing rain were Atoka, Bryan, Coal, Cotton, Hughes, Seminole, and Johnston counties. The wintry precipitation caused numerous traffic accidents with numerous indirect injuries and 14 indirect fatalities. Many trees and powers lines were downed with thousands of residents without power, mainly over southern and eastern Oklahoma. The severe cold that accompanied this storm also allowed for water main breaks in Clinton and Lawton. Other damage included school gymnasium roofs collapsed in Del City, Newcastle, two awnings collasped in Allen and Ada, and four greenhouse roofs collasped in McClain county. Also, the prolonged period of wintry precipitation closed airports, schools, malls, and other places of business. The slick and hazardous roads caused many schools to remained closed for several days after the winter precipitation had ended.

BLAINE (OK-Z017), KINGFISHER (OK-Z018), LOGAN (OK-Z019), PAYNE (OK-Z020), CADDO (OK-Z023), GRADY (OK-Z027), KIOWA (OK-Z035), JACKSON (OK-Z036)

HARPER (OK-Z004), WOODS (OK-Z005), ALFALFA (OK-Z006), GRANT (OK-Z007), KAY (OK-Z008), ELLIS (OK-Z009), WOODWARD (OK-Z010), MAJOR

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(OK-Z011), GARFIELD (OK	-Z012), NOBLE (OK-Z013), ROGER MILL	S (OK-Z014), D	EWE	EY (OK-Z01	5), CUSTER (OK-Z016), BECKHAM (OK-Z021),
WASHITA (OK-Z022), HAR	MON (OK-Z033), GREER (OK-Z034)				
	01/19/07 14:00 CST		0	0	Heavy Snow
	01/21/07 06:00 CST		0	0	
further southeast. Numero	na ranged from three to eight inches. A				lighter amounts of snow were common
were closed early due to the	us traffic accidents were blamed on the ne inclement weather.	neavy snow. N	ume	erous schoo	ol activities, churches, and business
			ume	erous schoo	· ·
	ne inclement weather.		0	0	· ·

Another in a series of strong cold fronts moved through Oklahoma during the day on the 30th. A weather disturbance moved over the southern plains on the 31st, spreading light snow over portions of Oklahoma. Snow amounts of mainly one to two inches accumulated over northwest Oklahoma, with isolated locations receiving as much as three inches. There were a few slick spots on area roadways but no major travel problems were reported despite the wintry precipitation.

#### TEXAS, Western North

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

A strong arctic cold front moved through western north Texas during the morning hours of the 12th. Precipitation from an upper level storm system overran the cold air in place, with a wintry mix of freezing rain and sleet the main result. The ice and sleet accumulation made for a messy situation on the roadways, with numerous accidents reported. Also, sporadic power outages and road closings occurred due to the ice and sleet accumulation on tree limbs and power lines that were downed. Although there were a few indirect injuries reported, no fatalities were reported. Numerous schools and businesses had to be closed due to the winter storm.

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