National Weather Service
Storm Data and Unusual Weather Phenomena

December 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm

OKLAHOMA, Western, Central and Southeast

OKZ031 **Seminole**

09	**1635CST**		**0**	**0**	**6K**		**Gradient Wind**

Gusty west and northwest gradient winds associated with a passing cold front lifted the roof from a pawn shop in Wewoka. Although the winds were sustained at 20 to 25 mph and gusting to only 30-35 mph at the time, the roof was lifted and flipped into an adjacent alley. The roof hit several power lines, cutting power to most of the northern half of Wewoka.

The roof was poorly constructed, consisting of tin nailed to old wooden beams, which apparently were not well attached to the main structure.

OKZ004>005-009>011-014>017-021>022 **Harper - Woods - Ellis - Woodward - Major - Roger Mills - Dewey - Custer - Blaine - Beckham - Washita**

20	**2300CST**		**0**	**0**			**Ice Storm**
21	**2100CST**						

Freezing rain fell across a large portion of western Oklahoma from late evening of the 20th into the evening of the 21st. Ice accumulations up 3/4 inch downed trees and power lines. Numerous large trees limbs were snapped, littering the streets of towns throughout the region. Tens of main power lines and countless secondary lines were also downed, cutting power to thousands of western Oklahomans. Canton (Blaine County) and Mooreland (Woodward County) were particularly hard-hit with power outages that lasted over 2 days in some cases.

OKZ004>007-009>012-014>017-021>023-027-038 **Harper - Woods - Alfalfa - Grant - Ellis - Woodward - Major - Garfield - Roger Mills - Dewey - Custer - Blaine - Beckham - Washita - Caddo - Grady - Comanche**

23	**2300CST**		**0**	**0**			**Heavy Snow**
24	**0600CST**						

Rain began changing from rain to snow over western Oklahoma during the evening of December 23rd. The wet, heavy snow continued through the night and ended before sunrise on Christmas Eve. Portions of western Oklahoma west of an Enid-Chickasha line were blanketed with 2 or more inches of snow. Lawton also reported an isolated snow accumulation of 2 inches.

Within the heavy snow area, the heaviest snow fell in Harper County, where Laverne received 11 inches. A larger area of heavy snow (with amounts over 5 inches) extended from northern Roger Mills County to eastern Woodward County, with the following snow totals: Cedardale...8 inches, Arnett...7 inches, Mackie...7 inches, Reydon...6 inches, Mutual...6 inches, Freedom...5 inches, Fargo...5 inches.

OKZ023-039>041-046 **Caddo - Stephens - Garvin - Murray - Carter**

26	**0000CST**		**0**	**0**			**Heavy Snow**
	0900CST						

Heavy snow began falling across south-central Oklahoma and western parts of north Texas late Christmas night and lasted until mid-morning on the 26th. Many areas saw snow accumulations of 2 inches or more, with isolated totals up to 4 inches.

The heavier amounts of 4 inches were reorted in southern Caddo County near Apache and in Garvin County at Hennepin. Pauls Valley and Healdton measured 3 inches, while much of the remainder of south-central Oklahoma saw 1 to 2 inches.

The snow melted rapidly during the late morning and afternoon as temperatures rose into the 40s.

TEXAS, Western North

TXZ085>089 **Wilbarger - Wichita - Knox - Baylor - Archer**

26	**0000CST**		**0**	**0**			**Heavy Snow**
	0900CST						

Heavy snow began falling across western parts of north Texas late Christmas night and lasted until mid-morning on the 26th. Many areas saw snow accumulations of 2 inches or more, with isolated totals approaching 4 inches.

The biggest accumulation was reported in Knox County, where Munday received 3.5 inches of snow, while much of the remainder of western north Texas saw 1 to 2 inches.

The snow melted rapidly during the late morning and afternoon as temperatures rose into the 40s.