Storm Data and Unusual Weather Phenomena - January 2023

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

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-Z050) LOVE, (OK-Z051) MARSHALL

01/01/23 00:00 CST 0 Drough

01/31/23 23:59 CST 0

Despite intermittent periods of precipitation throughout the month, widespread severe to exceptional drought conditions persisted across much of western, northern, central, and southern Oklahoma.

(OK-Z012) GARFIELD, (OK-Z014) ROGER MILLS, (OK-Z015) DEWEY, (OK-Z021) BECKHAM, (OK-Z028) MCCLAIN, (OK-Z029) CLEVELAND, (OK-Z030) POTTAWATOMIE, (OK-Z031) SEMINOLE, (OK-Z032) HUGHES, (OK-Z033) HARMON, (OK-Z034) GREER, (OK-Z038) COMANCHE, (OK-Z041) MURRAY, (OK-Z042) PONTOTOC

01/24/23 04:00 CST 0 Heavy Snow

0

01/25/23 02:00 CST

A cutoff low brought snow to much of the area on the 24th. Warm ground temperatures and air temperatures hovering just above freezing limited the ability of snowfall to accumulate. However, portions of western and south-central Oklahoma still observed areas of greater than 4 inches of snow accumulation.

(OK-Z025) OKLAHOMA, (OK-Z026) LINCOLN, (OK-Z027) GRADY, (OK-Z029) CLEVELAND, (OK-Z031) SEMINOLE, (OK-Z039) STEPHENS, (OK-Z042) PONTOTOC

01/30/23 15:00 CST 0

(OK-Z040) GARVIN, (OK-Z047) JOHNSTON, (OK-Z048) ATOKA

01/30/23 09:00 CST 0 Sleet

01/30/23 18:00 CST 0

Multiple subtle shortwave troughs propagated through southwesterly flow aloft between the morning of the 30th and evening of the 31st. With a cold near-surface airmass in place, multiple rounds of wintry precipitation (mainly sleet) occurred across the area. The most significant accumulations of sleet were across central into southeast Oklahoma from the morning through early afternoon of the 30th. Travel conditions became quite hazardous in areas where even small accumulations of sleet occurred.

TEXAS, Western North

(TX-Z083) HARDEMAN, (TX-Z084) FOARD, (TX-Z085) WILBARGER

01/01/23 00:00 CST 0 Drought

01/24/23 07:00 CST 0

Despite intermittent periods of precipitation across western-north Texas during the middle of the month, severe to extreme drought lingered across portions of the area.

(TX-Z083) HARDEMAN

01/24/23 03:00 CST 0 Heavy Snow

01/24/23 19:00 CST 0

A cutoff low brought heavy snow to portions of western-north Texas the 24th. Warm ground temperatures and air temperatures hovering just above freezing limited the ability of snowfall to accumulate, but portions of the area observed around 4 inches of snowfall accumulation.

(TX-Z083) HARDEMAN, (TX-Z084) FOARD

01/24/23 07:00 CST 0 Drought

01/31/23 23:59 CST 0

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Despite heavier periods of precipitation, especially during daytime hours on the 24th, areas of severe to extreme drought persisted across portions of western-north Texas.

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