

## Storm Data and Unusual Weather Phenomena - January 2017

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### TEXAS, South Panhandle

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#### YOAKUM COUNTY --- 1.4 WNW ALLRED [32.99, -102.94]

01/01/17 19:50 CST		0	Thunderstorm Wind (MG 56 kt)
01/01/17 19:55 CST		0	Source: Mesonet

Wind gusts of 58 mph and 64 mph were measured by a Texas Tech University West Texas Mesonet station at 1950 and 1955 CST, respectively.

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#### TERRY COUNTY --- 0.6 E BROWNFIELD [33.18, -102.27]

01/01/17 20:50 CST		8K	Thunderstorm Wind (EG 52 kt)
01/01/17 20:50 CST		0	Source: Law Enforcement

Law enforcement reported downed power lines on some streets in Brownfield.

Unusual for early winter, a squall line with severe winds at times trekked northeast over much of the Texas South Plains late this evening. Despite minimal instability, these storms developed ahead of a compact upper low with very strong lift. The result was isolated severe wind gusts and wind damage over portions of Yoakum and Terry Counties. Elsewhere over the South Plains, this New Year's Day MCS produced strong wind gusts of 50 to 55 mph, heavy rainfall up to one half inch and frequent cloud-to-ground lightning.

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#### (TX-Z021) PARMER, (TX-Z022) CASTRO, (TX-Z023) SWISHER, (TX-Z024) BRISCOE, (TX-Z025) HALL, (TX-Z026) CHILDRESS, (TX-Z027) BAILEY, (TX-Z031) MOTLEY, (TX-Z034) HOCKLEY, (TX-Z035) LUBBOCK

01/05/17 20:00 CST		0.50M	Winter Weather
01/06/17 12:00 CST		0	

A longwave trough brought widespread light snowfall accumulations to the region. Snow began on the evening of the fifth in the extreme southern Texas Panhandle then spread to the remainder of the South Plains and Rolling Plains during the morning hours of the sixth. As a result, the extreme southern Texas Panhandle saw the highest snowfall accumulations which were generally between two and three inches. The snowfall led to several car accidents in the city of Lubbock. Elsewhere, snowfall ranged from a trace to two inches.

Snowfall totals are listed below:

3.8 inches Childress 7NW (Childress County), 3.0 inches Turkey (Hall County), 3.0 inches Friona (Parmer County), 2.3 inches Tulia (Swisher County), 2.0 inches Dimmitt and Hart (Castro County), 2.0 inches Kirkland 1W (Childress County), 2.0 inches Northfield (Motley County), 1.5 inches Slaton and WFO Lubbock (Lubbock County), 1.5 inches Roaring Springs (Motley County), 1.5 inches Ropesville 6NNW (Hockley County), and 1.5 inches Muleshoe Wildlife Refuge (Bailey County).

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#### (TX-Z021) PARMER, (TX-Z023) SWISHER, (TX-Z026) CHILDRESS

01/14/17 16:00 CST		0	Winter Weather
01/16/17 01:00 CST		0	

A shallow cold air mass combined with a slow moving upper level system resulting in light wintry precipitation across the extreme southern Texas Panhandle from the 14th through the early morning hours of the 16th. Temperatures just below freezing at Childress allowed freezing rain to develop for much of the day on the 15th. Ice accumulations totaled 0.16" at Childress Municipal Airport. As an upper level low moved directly over the region, rain changed over to snow in the southwestern Texas Panhandle. A snow accumulation of 1.2 inches was reported in Tulia (Swisher County) while Friona (Parmer County) saw 1.0 inch.