

Storm Data and Unusual Weather Phenomena - February 2013

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

TEXAS, South

(TX-Z248) ZAPATA, (TX-Z249) JIM HOGG, (TX-Z250) BROOKS, (TX-Z251) KENEDY, (TX-Z252) STARR, (TX-Z253) HIDALGO, (TX-Z254) WILLACY, (TX-Z255) CAMERON, (TX-Z256) COASTAL WILLACY, (TX-Z257) COASTAL CAMERON

02/01/13 00:00 CST	0	Drought
02/28/13 23:59 CST	0	

Unseasonably warm temperatures and dry conditions persisted across Deep South Texas and the Rio Grande Valley during the first half of the month. Spotty showers in the area provided very light rainfall amounts. Severe to exceptional drought conditions continued across much of the region. McAllen and Brownsville reported only 0.01 inches of rainfall during the first half of the month, 0.55 inches below normal, while Harlingen reported 0.20 inches of rainfall, 0.38 inches below normal. Above average daily temperatures across the region continued, with much of the lower and mid Valley between 8.0 degrees and 8.8 degrees above normal for the first 12 days of the month before dropping back to 5 to 6 degrees above by the 18th.

(TX-Z250) BROOKS

02/05/13 00:00 CST	0	Drought
02/28/13 23:59 CST	0	

Little rainfall and breezy, warm conditions at the end of January and early February, when compared with average, led to a one category deterioration of drought across the northeast third of Brooks County, which would continue through the end of the month.

ZAPATA COUNTY --- 4.9 SE SAN YGNACIO [27.01, -99.39]

02/05/13 23:08 CST	0	Hail (1.00 in)
02/05/13 23:15 CST	0	Source: Law Enforcement

Zapata County sheriff's office reported quarter size hail fell in the community of Ramireno.

ZAPATA COUNTY --- 4.7 NNW ZAPATA [26.97, -99.25]

02/05/13 23:12 CST	0	Hail (1.75 in)
02/05/13 23:20 CST	0	Source: Trained Spotter

Trained Skywarn spotter reported golf ball size hail at the Zapata County Airport.

A mid-level low over northern Baja Mexico progressed towards Texas. As the low moved towards the region, forcing from the feature slowly increased the chances for showers and thunderstorms. A severe thunderstorm moved east across northern Mexico and into Zapata County around 11 pm LST over Zapata County as one impulse moved through. This storm produced quarter and golf ball size hail in Zapata County.

(TX-Z248) ZAPATA, (TX-Z249) JIM HOGG, (TX-Z252) STARR, (TX-Z254) WILLACY, (TX-Z255) CAMERON, (TX-Z256) COASTAL WILLACY, (TX-Z257) COASTAL CAMERON

02/19/13 00:00 CST	0	Drought
02/28/13 23:59 CST	0	

The second half of February wrapped up drier than it started, with drought conditions escalating across all of Deep South Texas and the Rio Grande Valley. Along with the below normal rainfall, a series of very dry and extremely windy cold fronts helped to worsen the drought conditions over the region. Monthly average temperatures over the region were also well above normal. Across the Lower and Mid Valley, monthly averages finished between 4.1 and 4.8 above the 1981-2010 average, and ranked among the top ten warmest all-time for all available locations except Harlingen.

(TX-Z253) HIDALGO

02/25/13 12:07 CST	5K	Strong Wind (MAX 31 kt)
02/25/13 12:07 CST	0	

A cold front moved across Deep South Texas and the Rio Grande Valley during the morning hours. Behind the front very strong and gusty northwest winds prevailed for several hours. Wind gusts reached up to 44 mph in Edinburg and 47 mph in McAllen. These strong and gusty winds felled at least one tree limb in Edinburg, which clipped power lines and caused some outages.