

Storm Data and Unusual Weather Phenomena - January 2011

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

GULF OF MEXICO

LAGUNA MADRE FROM 5NM N OF PT MANSFIELD TO BAFFIN BAY TX COUNTY --- 28.1 SSW S BAFFIN BAY [26.80, -97.47]				
	01/09/11 05:48 CST		0	Marine Thunderstorm Wind (MG 35 kt)
	01/09/11 05:50 CST		0	Source: C-MAN Station

The Texas Coastal Ocean Observing Network site at Rincon del San Jose reported a gust to 35 knots during the early morning hours of January 9th when a thunderstorm passed through.

LAGUNA MADRE FROM PORT OF BROWNSVILLE TO ARROYO COLORADO COUNTY --- 8.5 NW PORT ISABEL [26.16, -97.29]				
	01/09/11 07:19 CST		0	Marine Thunderstorm Wind (MG 34 kt)
	01/09/11 07:25 CST		0	Source: C-MAN Station

The Bayview/Cameron County Airport ASOS reported a gust to 34 knots near sunrise on January 9th. Proximity to the Laguna Madre, only 3 miles east, implies similar wind gusts spread into the Laguna Madre as the broken line of showers raced through.

A fairly strong upper level disturbance pushed a cold front moved through Deep South Texas Saturday evening January 8th and early Sunday morning January 9th. The frontal and associated thunderstorms moved into the Gulf during the pre dawn hours of the 9th, producing gale force gusts.

TEXAS, South

(TX-Z248) ZAPATA, (TX-Z249) JIM HOGG, (TX-Z250) BROOKS, (TX-Z252) STARR, (TX-Z253) HIDALGO				
	01/01/11 00:00 CST		0	Drought
	01/10/11 23:59 CST		0	

Dry conditions continued across most of Deep South Texas the first week of January 2011. Severe (D2) drought conditions occurred across portions of the Rio Grande Plains, the Brush Country, and the middle Rio Grande Valley. Rain events on the 9th and again on the 14th-16th would improve conditions to abnormally dry to moderate across most of the region, beginning on the 11th.

(TX-Z251) KENEDY				
	01/02/11 11:00 CST		0	Wildfire
	01/02/11 22:00 CST		0	

A very dry atmosphere, increasingly dry and somewhat cured fine fuels (grasses) which were in vast quantity due to the high growth through the first nine months of 2010, and moderate winds allowed a spark from a passing train to blossom into a large conflagration on the King Ranch in Kenedy County on January 2nd. Several smaller fires also started in the Lower Rio Grande Valley, with limited spread due to rapid containment and control.

BROOKS COUNTY --- FALFURRIAS [27.23, -98.15]				
	01/09/11 04:00 CST		2K	Thunderstorm Wind (EG 52 kt)
	01/09/11 04:10 CST		0	Source: Public

The public reported sheet metal damage occurred to a carport and aluminum siding was blown off of a house near the Falfurrias airport in Brooks County. The damage occurred as a line of thunderstorms moved through the area, producing gusty winds. The same line dumped more than 1.5 inches of rain in Hebbbronville.

A fairly strong upper level disturbance pushed a cold front moved through Deep South Texas Saturday evening January 8th and early Sunday morning January 9th. The frontal boundary produced the first significant rain fall since September 2010 across the Deep South Texas Brush Country and King Ranch counties of Zapata, Jim Hogg, Brooks and Jim Hogg. A few strong to severe thunderstorms occurred and moved through Hebbbronville and Falfurrias. Significant damage from a squall line occurred just to the north, including Kingsville and around Corpus Christi.

(TX-Z248) ZAPATA, (TX-Z249) JIM HOGG, (TX-Z250) BROOKS, (TX-Z251) KENEDY				
	01/22/11 03:00 CST		0	Frost/Freeze
	01/22/11 09:00 CST		0	

Canadian high pressure settling over the Rio Grande Valley overnight on the 21st and into the morning of the 22nd allowed maximum radiational cooling near the surface, dropping temperatures into the upper 20s to mid 30s across all of Deep South Texas. Several hours of freezing temperatures occurred from Zapata through Kenedy County during the early morning of the 22nd.

Storm Data and Unusual Weather Phenomena - January 2011

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