

## Storm Data and Unusual Weather Phenomena - December 2011

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

12/01/11 00:00 CST	0	Drought
12/31/11 23:59 CST	0	

A strong front with extremely dry air ended Thanksgiving Weekend (November 27-29), with three consecutive afternoons with humidity falling below 10 percent across much of the region. Exceptional Drought would cover all of the Lower Rio Grande Valley except a small pocket in Willacy County to start December; Extreme Drought was confined to the Upper Valley and Rio Grande Plains.

Welcome rains and frequent damp cool-downs arrived starting on the weekend of December 10th, when 2 to more than 3 inches fell from western Hidalgo through Starr County, with 1 to 2 inches elsewhere except east of Highway 77 in Cameron and Willacy County. Despite the rains, only modest improvement was noted in Hidalgo County.

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

12/07/11 01:30 CST	0	Frost/Freeze
12/07/11 08:30 CST	0	

Surface high pressure with a touch of arctic air spread across all of Texas during the first full week of December, bringing several hours of temperatures at or below freezing during the early morning hours of December 7th.

(TX-Z248) ZAPATA, (TX-Z249) JIM HOGG, (TX-Z250) BROOKS, (TX-Z251) KENEDY, (TX-Z252) STARR, (TX-Z253) HIDALGO

12/08/11 00:00 CST	0	Frost/Freeze
12/08/11 08:00 CST	0	

Surface high pressure with a touch of arctic air spread across all of Texas during the first full week of December, reaching the Rio Grande Valley on the 7th and continuing into the morning of the 8th, bringing several hours of temperatures at or below freezing.

(TX-Z249) JIM HOGG, (TX-Z252) STARR, (TX-Z253) HIDALGO

12/13/11 00:00 CST	0	Drought
12/31/11 23:59 CST	0	

A series of upper level disturbances, ejecting from Baja California into southern Arizona and New Mexico before dampening out across Texas, helped lift moisture across the Rio Grande Valley into periods of rain and drizzle on consecutive weekends in December (10th/11th, 17th/18th, and 24th). The most significant event on December 10th dropped between 1.5 inches and more than 3 inches in western Jim Hogg, Starr, and western Hidalgo County, putting a small dent in the drought by improving one category from Exceptional to Extreme.