

Storm Data and Unusual Weather Phenomena - August 2012

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

TEXAS, South

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

08/01/12 00:00 CST		0	Drought
08/31/12 23:59 CST		0	

A persistent upper level ridge across much of the nation's midsection and "La Canicula" sitting over Northern Mexico allowed for many hot and dry days, with temperatures reaching and surpassing the century mark. Rainfall at the end of July and spotty sea breeze related rainfall during the first half of the month, kept drought conditions from widespread intensification across the Rio Grande Valley and Deep South Texas. A rainfall event in Brownsville on August 7th, caused by sea breeze convergence and out flow boundary interaction, was one of the few wet moments of early August, as almost 3.5 inches of rain fell at the Brownsville/South Padre Island International Airport.

CAMERON COUNTY --- 1.2 SSE (BRO)BROWNSVILLE ARP [25.90, -97.41], 1.0 E PORTWAY ACRES [25.92, -97.45]

08/06/12 11:15 CST		0	Heavy Rain
08/06/12 13:15 CST		0	Source: Official NWS Observations

More than three inches of rain fell in a two hour period across southern Cameron County. The ASOS at Brownsville/South Padre Island International Airport measured 3.08 inches and a CoCoRaHS site measured 3.35 inches of rain. Nuisance urban flooding of poor drainage locations in downtown and along Boca Chica Boulevard occurred during the time of the heaviest rainfall.

Heavy rains fell over portions of southeastern Cameron County on August 6th as sea breeze convergence and outflow boundary interaction created showers and thunderstorms that dropped 3.08 inches of rain at the Brownsville/South Padre Island International Airport and 3.35 inches at a CoCoRaHS site in eastern Brownsville in a span of 2 hours.

(TX-Z252) STARR

08/07/12 00:00 CST		0	Drought
08/31/12 23:59 CST		0	

After periodic help from thunderstorms which either formed along or near the Rio Grande in the Starr and Zapata area, or drifted south from the ranchlands of Jim Hogg County in July, little to no rain fell in August across eastern Starr County and Severe Drought returned during the first week of the month with Extreme Drought arriving toward month's end.

(TX-Z249) JIM HOGG, (TX-Z250) BROOKS, (TX-Z251) KENEDY, (TX-Z253) HIDALGO, (TX-Z254) WILLACY, (TX-Z256) COASTAL WILLACY

08/14/12 00:00 CST		0	Drought
08/31/12 23:59 CST		0	

Rainfall continued to be spotty during the latter half of August across the Rio Grande Valley and Deep South Texas. Dry conditions combined with triple digit temperatures and frequently breezy days allowing drought conditions to further deteriorate.

(TX-Z255) CAMERON

08/21/12 00:00 CST		0	Drought
08/31/12 23:59 CST		0	

Rainfall continued to be spotty during the last ten days of August across the Rio Grande Valley. Despite a local torrential rain producing thunderstorm which dropped several inches of rain near Brownsville, most of inland Cameron County remained unusually dry for one of the wetter months of the year. Dry conditions combined with locally triple digit temperatures and frequently breezy days allowing drought conditions to further deteriorate.