

## Storm Data and Unusual Weather Phenomena - June 2012

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-Z254) WILLACY, (TX-Z255) CAMERON, (TX-Z256) COASTAL WILLACY, (TX-Z257) COASTAL CAMERON

06/01/12 00:00 CST	0	Drought
06/30/12 23:59 CST	0	

Residual effects from late May rainfall helped reduce drought in some areas, particularly along the Highway 77 corridor, in early June. Otherwise, spotty rainfall for the balance of the month, with the exception of the final day (which helped alleviate drought slightly across the corners of the Rio Grande Valley), maintained pockets of severe drought from the ranches to the more populated Highway 83 corridor through June, 2012.

(TX-Z253) HIDALGO

06/12/12 00:00 CST	0	Drought
06/30/12 23:59 CST	0	

Periodic strong to severe thunderstorms from late March through mid May gradually alleviated the Severe and greater drought conditions that had developed earlier in March across Hidalgo County. Unfortunately, lack of rainfall in early to mid June combined with hot temperatures and high evaporation rates returned Severe Drought to pockets of the County as the month progressed. These conditions would worsen in July as heavy rain events painted the corners of the Rio Grande Valley, leaving the most populated portion of the region with little to no rain.

CAMERON COUNTY --- 1.9 SSE MAUDLIN ARPT [25.94, -97.52], 1.7 WSW PORT BROWNSVILLE [25.94, -97.45], 1.8 SE PORTWAY ACRES [25.90, -97.45], 2.1 SSW PORTWAY ACRES [25.89, -97.48], 2.1 SSE BROWNSVILLE [25.89, -97.49], 1.4 S BROWNSVILLE [25.90, -97.50], 1.9 S BROWNSVILLE [25.89, -97.51], 1.4 WSW BROWNSVILLE [25.91, -97.52]

06/30/12 15:45 CST	75K	Flash Flood (due to Heavy Rain)
06/30/12 18:30 CST	0	Source: NWS Employee

Heavy rain fell during the afternoon hours across Brownsville. Western and downtown portions of Brownsville were especially hard hit with rainfall totals over 5 inches reported by a spotter and CoCoRaHS reports. Flash floods closed several roads, overtopped resacas, and reached into properties near and in downtown. A trained spotter reported water in the streets and resacas out of their banks and over walls; this spotter also reported five inches of rain. A NWS employee reported that Price Road was impassible with at least a foot of water over it in western Brownsville. Emergency manager reported water in a few homes in downtown Brownsville and resacas getting high. Emergency manager also reported that Price Road was mostly closed, Boca Chica Blv was closed in a few spots, and a few other streets were closed as well.

ZAPATA COUNTY --- 1.2 NE SAN YGNACIO [27.06, -99.43], 1.2 NE SAN YGNACIO [27.06, -99.43], 1.0 ENE SAN YGNACIO [27.06, -99.44], 1.0 ENE SAN YGNACIO [27.06, -99.44]

06/30/12 16:00 CST	0	Flash Flood (due to Heavy Rain)
06/30/12 18:15 CST	0	Source: Law Enforcement

Zapata County law enforcement officials reported flash flooding was occurring in northwestern Zapata County, north of San Ygnacio. Officials reported that water and mud was flowing across Highway 83.

ZAPATA COUNTY --- 1.0 SW LOPENO [26.71, -99.11], 1.0 SW LOPENO [26.71, -99.11], 0.9 SW LOPENO [26.71, -99.11], 0.9 SW LOPENO [26.71, -99.11]

06/30/12 17:15 CST	0	Flash Flood (due to Heavy Rain)
06/30/12 19:00 CST	0	Source: Law Enforcement

At Law enforcement reported water completely covering Highway 83 at Lopeno.

STARR COUNTY --- 2.5 ENE ROMA ARPT [26.59, -99.09], 2.5 ENE ROMA ARPT [26.59, -99.09], 2.5 E ROMA ARPT [26.59, -99.09], 2.5 E ROMA ARPT [26.59, -99.09]

06/30/12 18:00 CST	0	Flash Flood (due to Heavy Rain)
06/30/12 19:30 CST	0	Source: Law Enforcement

Law enforcement reported water over the road at Highway 83, near Falcon Heights.

A weak upper level disturbance, which had produced a few days of healthy thunderstorms in the western Gulf of Mexico during the final week of June, crossed the coast on June 30th and produced local downpours that flooded small portions of Cameron and Zapata/western Starr County. The disturbance combined with sea breeze influences and boundaries from activity across the Coastal Bend to enhance initial thunderstorms along the coast of eastern Willacy and Cameron County around noon. Boundaries from these storms combined with the circulation of the upper disturbance to create a system of thunderstorms which persisted in a very small area along and west of Highway 77 from Matamoros, Tamaulipas, Mexico to the north side of Brownsville, from 1 PM until a little after 5

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PM. A final round of torrential rains swept through Brownsville just prior to 11 PM and dropped another inch in some areas of the city. Farther west, boundaries from stronger cells across the Rio Grande Plains near Laredo and just west of the river set up a "train" of storms that hugged the Rio Grande for several hours into the early evening of the 30th. A number of locations along and near Federal Highway 83 reported water across the road from near Roma to Lopeño, along the Starr/Zapata border.