

## Storm Data and Unusual Weather Phenomena - June 2008

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

06/01/08 00:00 CST			0	Drought
06/16/08 23:59 CST			0	

Severe (D2) to Extreme (D3) drought conditions prevailed across portions of the western and central Lower Rio Grande Valley, as well as locations in Deep South Texas just north of the central Valley, through the first half of June as dry conditions and above normal temperatures continued into June.

(TX-Z257) COASTAL CAMERON

06/01/08 15:00 CST		2	0	Rip Current
06/01/08 17:00 CST			0	

After a spring filled with gusty winds and choppy to rough surf, the period from Memorial Day through the first weekend after it, was one of the best so far in 2008 for local beach goers, with sunny skies, warm air temperatures, lighter winds, and nearshore water temperatures around 80 degrees.

Unfortunately, residual swell and longshore current from the end of May, maintaining a strong southeast-to-northwest undertow, as well as the possibility of a rip current, helped contribute to two drownings on the 1st of June, both at more remote beach access points on South Padre Island.

Direct Fatalities: M19IW, M34IW

(TX-Z257) COASTAL CAMERON

06/10/08 16:00 CST		1	0	Rip Current
06/10/08 16:00 CST			0	

A recurrence of moderate longshore (southeast to northwest oriented) current, which aids a strong undertow, or perhaps a rip current, along with the continuation of fair weather with light to moderate winds, comfortable Gulf of Mexico water temperatures in the lower 80s, and plenty of sunshine each which lured larger numbers of local beach goers, increased the risk for drowning of inexperienced swimmers.

The swell period at NOAA Buoy 42020, 50 nm south of Corpus Christi, had increased to between 6 and 7 seconds - sufficient to increase the longshore current.

On June 10th, another such drowning occurred, bringing the monthly total to three.

Direct Fatalities: M52IW

(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

06/17/08 00:00 CST			0	Drought
06/30/08 23:59 CST			0	

Continuing hot and largely dry weather across Deep South Texas and the Lower Rio Grande Valley through mid June expanded both severe (D2) and extreme (D3) drought conditions. Severe drought conditions replaced moderate conditions near the coast and along the western edge of the area by the Rio Grande Plains in Zapata County; extreme conditions expanded a bit farther east and west in the central Valley, including Brooks, Jim Hogg, Starr, and Hidalgo Counties.

(TX-Z251) KENEDY, (TX-Z253) HIDALGO, (TX-Z254) WILLACY, (TX-Z255) CAMERON, (TX-Z256) COASTAL WILLACY, (TX-Z257) COASTAL CAMERON

06/24/08 00:00 CST			0	Drought
06/30/08 23:59 CST			0	

Severe to Extreme drought conditions were prevailed across all of Deep South Texas and the Lower Rio Grande Valley at the end of June.

CAMERON COUNTY --- 0.9 SW FERNANDO [26.26, -97.58]

06/24/08 11:08 CST			0.50K	Thunderstorm Wind (EG 50 kt)
06/24/08 11:10 CST			0	Source: NWS Storm Survey

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A brief gust from a pulse severe thunderstorm struck the Camp Perry Boy Scout property, about 5 miles northwest of Rio Hondo, shortly after noon. Four staked tents were pulled from the ground, causing some damage to the tents, a weighted ice chest was blown approximately 200 yards, several two-by-four wood pieces were blown into a fence, and a few tree limbs were blown down.

**An upper level low pressure trough triggered scattered thunderstorms along a line from Brownsville northward into south central Willacy County, which later pushed farther north. One of the storms moved through the Rio Hondo area producing a small core of strong downburst winds, causing minor but notable damage at the Boy Scouts of America Camp Perry location.**

## Storm Data and Unusual Weather Phenomena - July 2008

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

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(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	07/01/08 00:00 CST	0	0	Drought
	07/24/08 11:00 CST	0	0	

July began where June left off in Deep South Texas, with Severe (D2) to Extreme (D3) Drought covering the entire area. However, the first widespread significant rainfall of the summer would eventually cover the entire area between the 1st and 8th, and knock the Lower Rio Grande Valley out of Severe or worse drought conditions by the 8th, leaving only the northern tier of counties in Deep South Texas (Zapata, Jim Hogg, most of Brooks, and northern Kenedy) in Severe drought conditions.