

Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
TEXAS, South				
HIDALGO COUNTY				
MC COOK	05/03/07 00:00 CST		0	Hail (0.88 in)
	05/03/07 00:00 CST		0	26.48N, 98.4W
HIDALGO COUNTY				
SAN MANUEL	05/03/07 00:00 CST		0	Hail (0.88 in)
	05/03/07 00:00 CST		0	26.57N, 98.12W
STARR COUNTY				
1.0 ESE RIO GRANDE CITY	05/03/07 00:00 CST		30K	Thunderstorm Wind (EG 52 kt)
	05/03/07 00:00 CST		0	26.3745N, 98.8051W
Sheriff's Office reported roof damage to structures.				
STARR COUNTY				
GARCIASVILLE	05/03/07 00:00 CST		10K	Hail (1.00 in)
	05/03/07 00:00 CST		0	26.32N, 98.7W
STARR COUNTY				
GARCIASVILLE	05/03/07 00:00 CST		25K	Thunderstorm Wind (EG 52 kt)
	05/03/07 00:00 CST		0	26.32N, 98.7W
Post Office reported several large limbs blocking roads.				
STARR COUNTY				
GRULLA	05/03/07 00:00 CST		0	Hail (1.75 in)
	05/03/07 00:00 CST		0	26.27N, 98.65W
STARR COUNTY				
RIO GRANDE CITY	05/03/07 00:00 CST		75K	Thunderstorm Wind (EG 52 kt)
	05/03/07 00:00 CST		0	26.38N, 98.82W
Display signs and posts blown over on top of automobiles at Ramirez Ford.				
STARR COUNTY				
5.0 E GARCIASVILLE	05/03/07 00:15 CST		0	Hail (0.88 in)
	05/03/07 00:15 CST		0	26.32N, 98.6194W
CAMERON COUNTY				
SAN BENITO	05/03/07 02:04 CST		0	Hail (0.88 in)
	05/03/07 02:04 CST		0	26.13N, 97.63W
Severe thunderstorms developed and produced severe weather over Zapata, Starr, Hidalgo and Cameron Counties. The storms developed in association with a vigorous low pressure disturbance that affected central and southern Texas. Thunderstorms began to affect the region during the late evening hours on May 2nd and continued for several hours on the morning of May 3rd. Numerous reports of wind damage and large hail were reported in Rio Grande City. A subsequent storm survey indicated that the damage was produced by straight-line winds. Large hail reports were also received in Zapata, Hidalgo and Cameron Counties.				
WILLACY COUNTY				
6.0 WSW RAYMONDVILLE	05/24/07 21:30 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 01:00 CST		0	26.4468N, 97.8695W
Strong thunderstorms produced from 5-7 inches of rain over southwest and western Willacy County. The rains resulted in the closure of Farm to Market Road 1015 south of Highway 186.				
HIDALGO COUNTY				
MC ALLEN	05/25/07 12:56 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 14:00 CST		0	26.2N, 98.23W

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Flash flooding was reported in north McAllen on Pecan Street.				
CAMERON COUNTY				
COMBES	05/25/07 13:13 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 18:00 CST		0	26.25N, 97.73W
Texas DPS reported water covering U.S. Highway 77 in Combes.				
WILLACY COUNTY				
RAYMONDVILLE	05/25/07 13:13 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 15:30 CST		0	26.48N, 97.78W
Texas DPS reported water covering U.S. Highway 77 in Raymondville.				
CAMERON COUNTY				
HARLINGEN	05/25/07 13:30 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 14:30 CST		0	26.18N, 97.7W
Moderate street flooding reported in Harlingen by an NWS employee near Ed Carey road and U.S. Highway 77.				
CAMERON COUNTY				
HARLINGEN	05/25/07 14:00 CST		20K	Flash Flood (due to Heavy Rain)
	05/25/07 16:00 CST		0	26.18N, 97.7W
Texas General Land Office reported an estimated one foot of water covering the streets in downtown Harlingen.				
WILLACY COUNTY				
SAN PERLITA	05/25/07 14:11 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	26.5N, 97.65W
Willacy County Sheriff's Office reported water covering the intersection of Highway 186 and Farm to Market Road 1420 in San Perlita.				
HIDALGO COUNTY				
EDINBURG	05/25/07 14:16 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 16:00 CST		0	26.3N, 98.17W
Texas DPS in McAllen reported water covering Farm to Market Road 1925 east of U.S. Highway 281 in Edinburg.				
CAMERON COUNTY				
SAN BENITO	05/25/07 14:34 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	26.13N, 97.63W
Texas General Land Office reported flash flooding of U.S. Highway 77 and its frontage road in San Benito.				
CAMERON COUNTY				
HARLINGEN	05/25/07 14:49 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 16:30 CST		0	26.18N, 97.7W
Texas General Land Office reported flash flooding of Ed Carey Road in Harlingen near Business Highway 77.				
CAMERON COUNTY				
HARLINGEN	05/25/07 15:03 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/25/07 18:30 CST		0	26.18N, 97.7W
Significant flash flooding was reported in the Mariposa subdivision of north Harlingen with water up to car headlights.				
CAMERON COUNTY				
SAN BENITO	05/25/07 15:03 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 16:30 CST		0	26.13N, 97.63W
Flash flooding was reported in San Benito on Business Highway 77 and Farm to Market Road 510.				
CAMERON COUNTY				

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SANTA ROSA	05/25/07 15:19 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	26.25N, 97.83W

Texas Department of Transportation reported flash flooding of Farm to Market Road 506 and Farm to Market Road 107 in Santa Rosa with one and a half feet of water covering the roads.

HIDALGO COUNTY

EDCOUCH	05/25/07 15:19 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:30 CST		0	26.3N, 97.97W

Flash flooding of Farm to Market Road 1015 and Highway 107 reported.

HIDALGO COUNTY

EDINBURG	05/25/07 15:19 CST		50K	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	26.3N, 98.17W

Flash flooding was reported on Farm to Market Road 1925 between FM 1423 and FM 493. Flooding was also reported on Business Highway 83 between FM 1423 and FM 907 with several cars stalled.

HIDALGO COUNTY

ELSA	05/25/07 15:19 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	26.3N, 97.98W

Flash flooding of Farm to Market Road 88 and Highway 107 was reported.

Flash floods affected eastern portions of Deep South Texas during the evening hours of May 24 and into the early morning hours of May 25. Thunderstorms with torrential rainfall then redeveloped during the afternoon and evening hours of May 25. The hardest hit counties were Willacy and Cameron, with flooding also reported in Hidalgo County.

Strong thunderstorms affected southwest Willacy County and northern Cameron County during the evening hours of May 24 and into the early morning hours on May 25. These storms produced significant rains in the 5-7 inch range over rural sections of southwest Willacy County. Two to three inch rains were also reported in northern Cameron County in Harlingen. The heavy rains in Willacy County resulted in the closures of major roads during the night.

Storms redeveloped during the afternoon hours on May 25, and then affected many of the same areas that were hit hard the evening before. Heavy rains pounded an area extending northward from Harlingen to Raymondville, affecting areas in between such as Combes, Lyford and Sebastian with flash flooding. Over the 24 hour period, much of that area experienced between 8-12 inches of total accumulated rains based on spotter reports, surface observations, and radar estimates.

Strong thunderstorms also formed over Hidalgo County during the afternoon hours of May 25. Flash flooding of roads was reported in McAllen, Edinburg, Edcouch and Elsa due to estimated rainfall amounts in the 2-5 inch range.

Valley International Airport at Harlingen set 2 new daily rainfall records during this episode. On the 24th Harlingen received 2.73 inches breaking the previous daily record of 1.36 inches set back in 1985. On the 25th, 6.73 inches fell at Harlingen breaking the previous daily record of 3.65 inches set back in 1959. The 6.73 inches falling on the 25th also set a new monthly daily record for the month of May. The previous record was 6.09 inches set on May 1st 1959. Monthly rainfall total at Harlingen was 11.05 inches which makes this the 2nd wettest May on record, the wettest being May of 1982.

BROOKS COUNTY

9.2 W FALFURRIAS	05/27/07 16:56 CST		0	Hail (1.75 in)
	05/27/07 16:56 CST		0	27.23N, 98.3W

Spotter at Palomas Ranch reported golf ball size hail.

STARR COUNTY

SAN ISIDRO	05/27/07 17:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/27/07 17:45 CST		0	26.72N, 98.45W

Local media reported several large tree limbs down along Highway 1017 in San Isidro.

BROOKS COUNTY

9.2 W FALFURRIAS	05/27/07 17:54 CST		0	Flash Flood (due to Heavy Rain)
	05/27/07 18:54 CST		0	27.23N, 98.3W

Roads in rural Brooks County reported under water due to 2 inches of rain in and hour and saturated soils.

STARR COUNTY

2.0 E LA GLORIA	05/27/07 18:45 CST		0	Hail (1.75 in)
	05/27/07 18:45 CST		0	26.72N, 98.4876W

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Golf ball size hail was reported along Highway 1017.

BROOKS COUNTY

ENCINO	05/27/07 20:07 CST	0		Heavy Rain
	05/27/07 20:07 CST	0		26.93N, 98.13W

Four to five total inches of rain was reported.

Strong thunderstorms developed during the afternoon and evening hours of May 27 over Brooks and Starr Counties. The storms were responsible for producing large hail up to golf ball size, and flooding of rural roads.