

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 [26.48, -98.40]				
	05/03/07 00:00 CST		0	Hail (0.88 in)
	05/03/07 00:00 CST		0	Source: COOP Observer
HIDALGO COUNTY --- SAN MANUEL [26.57, -98.12]				
	05/03/07 00:00 CST		0	Hail (0.88 in)
	05/03/07 00:00 CST		0	Source: Public
STARR COUNTY --- 1.0 ESE RIO GRANDE CITY [26.37, -98.81]				
	05/03/07 00:00 CST		30K	Thunderstorm Wind (EG 52 kt)
	05/03/07 00:00 CST		0	Source: Law Enforcement
Sheriff's Office reported roof damage to structures.				
STARR COUNTY --- GARCIAVILLE [26.32, -98.70]				
	05/03/07 00:00 CST		10K	Hail (1.00 in)
	05/03/07 00:00 CST		0	Source: Post Office
STARR COUNTY --- GARCIAVILLE [26.32, -98.70]				
	05/03/07 00:00 CST		25K	Thunderstorm Wind (EG 52 kt)
	05/03/07 00:00 CST		0	Source: Post Office
Post Office reported several large limbs blocking roads.				
STARR COUNTY --- GRULLA [26.27, -98.65]				
	05/03/07 00:00 CST		0	Hail (1.75 in)
	05/03/07 00:00 CST		0	Source: Public
STARR COUNTY --- RIO GRANDE CITY [26.38, -98.82]				
	05/03/07 00:00 CST		75K	Thunderstorm Wind (EG 52 kt)
	05/03/07 00:00 CST		0	Source: Public
Display signs and posts blown over on top of automobiles at Ramirez Ford.				
STARR COUNTY --- 5.0 E GARCIAVILLE [26.32, -98.62]				
	05/03/07 00:15 CST		0	Hail (0.88 in)
	05/03/07 00:15 CST		0	Source: Trained Spotter
CAMERON COUNTY --- SAN BENITO [26.13, -97.63]				
	05/03/07 02:04 CST		0	Hail (0.88 in)
	05/03/07 02:04 CST		0	Source: Law Enforcement
<p>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.</p>				
WILLACY COUNTY --- 6.0 WSW RAYMONDVILLE [26.45, -97.87]				
	05/24/07 21:30 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 01:00 CST		0	Source: Emergency Manager
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 [26.20, -98.23]				

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	05/25/07 12:56 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 14:00 CST		0	Source: Emergency Manager
Flash flooding was reported in north McAllen on Pecan Street.				
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CAMERON COUNTY --- COMBES [26.25, -97.73]				
	05/25/07 13:13 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 18:00 CST		0	Source: Law Enforcement
Texas DPS reported water covering U.S. Highway 77 in Combes.				
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WILLACY COUNTY --- RAYMONDVILLE [26.48, -97.78]				
	05/25/07 13:13 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 15:30 CST		0	Source: Law Enforcement
Texas DPS reported water covering U.S. Highway 77 in Raymondville.				
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CAMERON COUNTY --- HARLINGEN [26.18, -97.70]				
	05/25/07 13:30 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 14:30 CST		0	Source: NWS Employee
Moderate street flooding reported in Harlingen by an NWS employee near Ed Carey road and U.S. Highway 77.				
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CAMERON COUNTY --- HARLINGEN [26.18, -97.70]				
	05/25/07 14:00 CST		20K	Flash Flood (due to Heavy Rain)
	05/25/07 16:00 CST		0	Source: Other Federal Agency
Texas General Land Office reported an estimated one foot of water covering the streets in downtown Harlingen.				
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WILLACY COUNTY --- SAN PERLITA [26.50, -97.65]				
	05/25/07 14:11 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	Source: Law Enforcement
Willacy County Sheriff's Office reported water covering the intersection of Highway 186 and Farm to Market Road 1420 in San Perlita.				
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HIDALGO COUNTY --- EDINBURG [26.30, -98.17]				
	05/25/07 14:16 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 16:00 CST		0	Source: Law Enforcement
Texas DPS in McAllen reported water covering Farm to Market Road 1925 east of U.S. Highway 281 in Edinburg.				
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CAMERON COUNTY --- SAN BENITO [26.13, -97.63]				
	05/25/07 14:34 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	Source: Other Federal Agency
Texas General Land Office reported flash flooding of U.S. Highway 77 and its frontage road in San Benito.				
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CAMERON COUNTY --- HARLINGEN [26.18, -97.70]				
	05/25/07 14:49 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 16:30 CST		0	Source: Other Federal Agency
Texas General Land Office reported flash flooding of Ed Carey Road in Harlingen near Business Highway 77.				
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CAMERON COUNTY --- HARLINGEN [26.18, -97.70]				
	05/25/07 15:03 CST		0.10M	Flash Flood (due to Heavy Rain)
	05/25/07 18:30 CST		0	Source: County Official
Significant flash flooding was reported in the Mariposa subdivision of north Harlingen with water up to car headlights.				
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CAMERON COUNTY --- SAN BENITO [26.13, -97.63]				
	05/25/07 15:03 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 16:30 CST		0	Source: County Official

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Flash flooding was reported in San Benito on Business Highway 77 and Farm to Market Road 510.				
CAMERON COUNTY --- SANTA ROSA [26.25, -97.83]				
	05/25/07 15:19 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	Source: Department of Highways
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 [26.30, -97.97]				
	05/25/07 15:19 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:30 CST		0	Source: Department of Highways
Flash flooding of Farm to Market Road 1015 and Highway 107 reported.				
HIDALGO COUNTY --- EDINBURG [26.30, -98.17]				
	05/25/07 15:19 CST		50K	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	Source: Law Enforcement
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 [26.30, -97.98]				
	05/25/07 15:19 CST		0	Flash Flood (due to Heavy Rain)
	05/25/07 17:00 CST		0	Source: Department of Highways
Flash flooding of Farm to Market Road 88 and Highway 107 was reported.				
<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>				
BROOKS COUNTY --- 9.2 W FALFURRIAS [27.23, -98.30]				
	05/27/07 16:56 CST		0	Hail (1.75 in)
	05/27/07 16:56 CST		0	Source: Trained Spotter
Spotter at Palomas Ranch reported golf ball size hail.				
STARR COUNTY --- SAN ISIDRO [26.72, -98.45]				
	05/27/07 17:45 CST		0	Thunderstorm Wind (EG 52 kt)
	05/27/07 17:45 CST		0	Source: Broadcast Media
Local media reported several large tree limbs down along Highway 1017 in San Isidro.				
BROOKS COUNTY --- 9.2 W FALFURRIAS [27.23, -98.30]				
	05/27/07 17:54 CST		0	Flash Flood (due to Heavy Rain)
	05/27/07 18:54 CST		0	Source: Trained Spotter

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

STARR COUNTY --- 2.0 E LA GLORIA [26.72, -98.49]

05/27/07 18:45 CST	0	Hail (1.75 in)
05/27/07 18:45 CST	0	Source: Broadcast Media

Golf ball size hail was reported along Highway 1017.

BROOKS COUNTY --- ENCINO [26.93, -98.13]

05/27/07 20:07 CST	0	Heavy Rain
05/27/07 20:07 CST	0	Source: Trained Spotter

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.