



National Weather Service

Storm Data and Unusual Weather Phenomena



May 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

TEXAS, South

Starr County

Rio Grande City	14	1855CST 2000CST			0	0	25K		Flash Flood
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Starr County

Garciasville	14	1930CST 2045CST			0	0			Flash Flood
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Strong thunderstorms produced flash flooding of businesses and some homes across central and western Starr counties. Torrential rainfall amounts of 4 to 6 inches fell during the course of one to three hours.

Zapata County

5 SE Zapata	29	1746CST			0	0			Hail(0.75)
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Kenedy County

Sarita	29	1815CST			0	0			Hail(0.75)
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Kenedy County

Sarita	29	1845CST			0	0			Hail(0.88)
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Kenedy County

10 S Sarita	29	1956CST			0	0			Hail(1.25)
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Starr County

Roma	29	2225CST			0	0			Hail(1.00)
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Hidalgo County

Mc Allen	30	0238CST			0	0			Thunderstorm Wind (MG70)
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Cameron County

5 WNW Brownsville	30	0350CST			0	0			Thunderstorm Wind (EG70)
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Cameron County

Harlingen	30	0350CST			0	0			Thunderstorm Wind (EG70)
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Cameron County

Port Isabel	30	0440CST			0	0			Thunderstorm Wind (EG80)
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Large clusters of severe thunderstorms affected Deep South Texas beginning on the evening of May 29 and extending through the early morning hours of May 30. The event began as storms produced large hail over Zapata and Kenedy counties during the early evening hours of the 29th. The cluster over Zapata county slowly proceeded southeast as a severe thunderstorm complex eventually producing large hail over Starr county later that evening.

Another complex of storms proceeded into Hidalgo and Cameron counties. Strong thunderstorm wind gusts to 70 mph were measured in McAllen during the early morning hours of the 30th. Elsewhere, strong thunderstorm winds damaged the roofs of several homes, overturned a mobile home, and downed trees and power lines just to the northwest of Brownsville. Similarly, powerful thunderstorm winds also produced damage to a barn in Harlingen where beams used to support the structure were twisted.

Finally the storm proceed to coastal sections of Cameron county where it produced significant damage to the White Sands Motel. According to media reports, the roof was ripped off, wind damage affected several units, and a parked car was moved several feet. A National Weather Service storm survey conducted later that morning, concluded that the damage pattern was consistent with those that occur during straight-line wind events in association with downburst formation.