



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2003

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

GULF OF MEXICO

GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 05	0100CST			0	0			Marine Tstm Wind (MG34)
GMZ230 South Bird Island	Corpus Christi To Baffin Bay 05	0200CST			0	0			Marine Tstm Wind (MG39)
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 05	0200CST			0	0			Marine Tstm Wind (MG51)
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 05	0209CST			0	0			Marine Tstm Wind (MG50)
GMZ250 11 SW Port Aransas	Pt Aransas To Baffin Bay Tx Out 20Nm 05	0212CST 0215CST			0	0			Waterspout
Waterspout began just offshore of Mustang Island, crossed the Island 11 miles southwest of Port Aransas along Highway 361 and dissipated.									
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 05	0300CST			0	0			Marine Tstm Wind (MG34)
GMZ255 Port Aransas	Matagorda Ship Chnl To Pt Aransas Out 20Nm 15	2000CST			0	0			Marine Tstm Wind (MG34)
GMZ230 Baffin Bay	Corpus Christi To Baffin Bay 15	2200CST			0	0			Marine Tstm Wind (MG34)
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 15	2300CST			0	0			Marine Tstm Wind (MG34)
GMZ230 South Bird Island	Corpus Christi To Baffin Bay 16	0200CST			0	0			Marine Tstm Wind (MG35)
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 16	0200CST			0	0			Marine Tstm Wind (MG43)

TEXAS, Mid - South

Bee County 4 SW Skidmore	01	1530CST			0	0			Funnel Cloud
Local police reported seeing several funnel clouds near Highway 359 between Tynan and Skidmore									
Nueces County 11 SW Port Aransas to 10 SW Port Aransas	05	0215CST 0216CST	0.5	50	0	0			Tornado (F0)
Tornado began as a Waterspout on the Gulf of Mexico side of Mustang Island. It crossed the island 11 miles Southwest of Port Aransas along Highway 361 as a tornado moving North. It then dissipated over the island. No damage was reported on land or water.									
TXZ244>247	San Patricio - Aransas - Refugio - Calhoun 15	0830CST 1400CST			0	0			Hurricane/Typhoon
TXZ229>234	La Salle - McMullen - Live Oak - Bee - Goliad - Victoria 15	1000CST 2122CST			0	0			High Wind (MG72)
Inland winds associated with Hurricane Claudette: Victoria County - 83 mph recorded gust Live Oak - 63 mph recorded gust McMullen - 61 mph recorded gust La Salle - 53 mph recorded gust									



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TEXAS, Mid - South

Calhoun County

Port Lavaca	15	1045CST	0.5	50	0	0			Tornado (F0)
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Brief tornado touchdown associated with Hurricane Claudette. NWS Post Storm Survey Team concluded no direct damage associated with tornado. All damage around the area was associated with Hurricane Force winds from Claudette.

Bee County

Beeville	15	1400CST 1600CST			0	0			Flash Flood
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County officials reported flooding all across Bee County associated with Hurricane Claudette

TXZ231-231>232-243

Live Oak - Bee - Nueces	16	0915CST			0	0			Flood
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25 0215CST
 The Nueces River at Bluntzer crested at 24.29 feet (flood stage 18.00 feet).
 The Nueces River at Three Rivers crested at 29.33 feet (flood stage 25.00 feet).
 The Atascosa River at Whitsett crested at 24.51 feet (flood stage 20.00 feet).
 The Aransas River at Skidmore crested at 13.62 feet (flood stage 13.00 feet).
 Associated with rainfall from Hurricane Claudette.

Claudette began as a tropical wave in the far eastern Atlantic and strengthened into a tropical storm as she moved into the central Caribbean Sea. As Claudette passed the Yucatan Channel and entered the Gulf of Mexico on Friday July 12th, the steering currents relaxed and she slowed her northwesterly movement. Claudette produced tropical storm force winds and heavy rains primarily on her eastern quadrant, which spanned a large portion of the central Gulf and produced wave heights up to 15 feet. As early as Sunday July 13th large swells were reaching the sand dunes on Padre Island. Claudette wobbled slowly toward the middle Texas coast in very weak steering currents. The upper level shear in this system relaxed as expected providing the environment for Claudette to strengthen into a Hurricane.

Claudette made landfall as a Category 1 hurricane on the Saffir/Simpson Scale near Port O'Connor, Texas (Calhoun County) on Tuesday July 15th around 1030 am. Just prior to landfall storm surge was 5 feet at Port O'Connor in combination with high astronomical tides. Wind speeds along the Northern Coastal Bend were generally sustained around 65 mph at landfall with gusts to 80 mph. Maximum sustained winds at the time of landfall were estimated by the National Hurricane Center at 90 mph. The Formosa Plant in Point Comfort recorded maximum sustained winds of 80 mph with a gust to 100 mph. The minimum central pressure of Claudette at the time of landfall was 981 MB (28.37 Inches). Claudette produced a brief tornado in Port Lavaca. Damage was not attributed directly to this tornado, rather to the hurricane winds.

Claudette continued inland during the afternoon of the 15th across Victoria, Goliad and Bee counties weakening to a Tropical Storm. Claudette continued moving west across Live Oak, McMullen and La Salle counties during the evening and into EWX CWA. Claudette continued into Northwestern Mexico and into the Big Bend of Texas before dissipating on July 17th.

Damages for all of Texas at the time of this writing stood at 45.7 million dollars in uninsured losses and 90.0 million in insured losses. These losses do not include crop damage, which were still pending at the time of this writing. In the State of Texas two indirect fatalities were also attributed to Claudette and six indirect injuries. One of the indirect fatalities occurred in the CRP CWA in Victoria when a woman was killed by a falling tree limb while surveying damage to her house. Over twenty thousand homes received damage across the CRP County Warning Area, most of which was classified as minor damage in Victoria County. Over six hundred homes received major damage, again most of which occurred in Victoria County. Over sixty homes were completely destroyed, mostly in Calhoun County.

The heaviest rainfall with Claudette fell across Bee, Goliad and Refugio Counties. Widespread 4 to 6 inch amounts were estimated across these counties by CRP WSR-88D. Elsewhere along the path of Claudette totals ranged from 2 to 5 inches. Further south in CRP southern CWA totals remained under 1 inch expect for a thin band of 4 to 6 inch amounts stretching from the Padre Island National Seashore north into Refugio County.



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TEXAS, Mid - South

Bee County

9 SE Skidmore	16	1145CST 1345CST			0	0			Flash Flood
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Silver Creek over C.R. 536 east of Papolote.