

### **National Weather Service** Storm Data and Unusual Weather Phenomena



July 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage

#### **GULF OF MEXICO**

**GMZ270** Pt Aransas To Baffin Bay Tx 20 To 60Nm 45 E Baffin Bay 1143CST Marine Tstm Wind (EG34) Estimated gust in outer rainband of Hurricane Emily from nearby Buoy 42020. Pt Aransas To Baffin Bay Tx 20 To 60Nm **GMZ270** 45 E Baffin Bay 1322CST Marine Tstm Wind (EG35) Estimated gust in outer rainband of Hurricane Emily from nearby Buoy 42020. **GMZ230** Corpus Christi To Baffin Bay **Baffin Bay** 1412CST Marine Tstm Wind (MG39) Measured by Baffin Bay TCOON in outer rainband of Hurricane Emily. **GMZ230** Corpus Christi To Baffin Bay Marine Tstm Wind (EG44) **Port Aransas** 1427CST Estimated from nearby Port Aransas CMAN station (PTAT2). **GMZ255** Matagorda Ship Chnl To Pt Aransas Out 20Nm **Port Aransas** 0 Marine Tstm Wind (EG44) Estimated from nearby Port Aransas CMAN station (PTAT2). GMZ250 Pt Aransas To Baffin Bay Tx Out 20Nm 1427CST **Port Aransas** 19 0 Marine Tstm Wind (MG44) Measured from Port Aransas CMAN station (PTAT2). **GMZ235** Pt O'Connor To Aransas Pass 1427CST Marine Tstm Wind (EG44) **Port Aransas** 0 Estimated from nearby Port Aransas CMAN station (PTAT2). **GMZ230** Corpus Christi To Baffin Bay South Bird Island 1442CST 0 Marine Tstm Wind (MG34) Measured by S. Bird Island TCOON in outer rainband of Hurricane Emily. Pt Aransas To Baffin Bay Tx 20 To 60Nm **GMZ270** 45 E Baffin Bay Marine Tstm Wind (EG35) Estimated gust in outer rainband of Hurricane Emily from nearby Buoy 42020. GMZ270 Pt Aransas To Baffin Bay Tx 20 To 60Nm 1614CST 19 Marine Tstm Wind (EG35) 45 E Baffin Bay

#### TEXAS, Mid - South

Jim Wells County

2 W Premont to 8 W Premont Tornado (F0) 20 0846CST

Estimated gust in outer rainband of Hurricane Emily from nearby Buoy 42020.

This tornado formed in the outer rainbands of Hurricane Emily, 2 miles west of Premont, on CR-420, and tracked west for 6 miles, producing sporadic damage along CR-420. The tornado continued west into Duval County for roughly another 1/2 to 1 mile. While in Jim Wells County the tornado produced F0 damage, including minor damage to a mobile home, and numerous trees and fences snapped and broken.



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July 2005 Time Local/ Path Length Path Number of Estimated Width Persons Damage TEXAS, Mid - South **Duval County** 0846CST 0848CST 2 SE Cruz Calle to 20 1 100 Tornado (F0) 1.5 SE Cruz Calle This tornado formed in the outer rainbands of Hurricane Emily, 2 miles west of Premont, in Jim Wells County, and entered Duval county roughly 2 miles southeast of Cruz Calle. The tornado continued west for roughly another 1/2 to 1 mile, producing minor roof damage to a house and snapping trees. This tornado may have continue further west into the county, however a NWS Storm Survey team was unable to confirm this. Jim Wells County 5 NW Midway to 8 NW Midway 0935CST 0941CST 100 0 0 Tornado (F0) 20 Several reports from law enforcement officers and the public, combined with NWS radar data, indicate a tornado developed in the outer rainbands of Hurricane Emily over open rural country, 5 miles northwest of Midway, and moved northwest 3 miles to the county line. The tornado continued roughly another mile into Live Oak County. Live Oak County 3 SW Anna Rose to 3.5 SW Anna Rose 100 Tornado (F0) 0946CST This tornado formed in the outer rainbands of Hurricane Emily, 5 miles northwest of Midway in Jim Wells County and entered Live Oak County about 3 miles southwest if Anna Rose. The tornado continued northwest, another mile, into Live Oak County before dissipating. San Patricio County 7 NE Mathis to 6 NE Mathis 100 0 0 Tornado (F0) The public observed a tornado developing roughly 1 mile south of Tynan, and moving west-northwest for roughly 1 mile before dissipating. The tornado remained over open rural county. Pictures were later received that confirmed this. This tornado formed in the outer rainbands of Hurricane Emily Jim Wells County 8 N Alice to 15 NW Alice 20 1030CST 100 0 100K Tornado (F1) 1120CST A NWS storm survey concluded a tornado, in the outer rainbands of Hurricane Emily, formed approximately 8 miles north of Alice, near the intersection of CR-120 and CR-124 in the community of Tecolote. The tornado tracked northwest for 0.9 miles producing F1 damage. Several homes were damaged along this path and one mobile home was completely destroyed. Many trees were snapped and uprooted. The tornado continued northwest, skipping across open rural country for another 9 miles, producing F0 damage to trees and vegetation, before moving into Duval County. **Duval County** 11 N San Diego to 12 NNW San Diego 100 0 1120CST Tornado (F0)

This tornado formed approximately 8 miles north of Alice in Jim Wells County and entered Duval County, according to law enforcement reports and radar data, approximately 11 miles north of San Diego. The tornado continued northwest for roughly another 2 miles before finally dissipating. Damage with this tornado across Duval County was limited to trees and vegetation. This tornado formed in the outer rainbands of Hurricane Emily.



# National Weather Service Storm Data and Unusual Weather Phenomena



July 2005 Path Length (Miles) Time Local/ Path Width Number of Estimated Persons Damage TEXAS, Mid - South Webb County 2 E Bruni to 1 S Bruni 20 1 100 0 0 Tornado (F0) A NWS Storm survey concluded a tornado, in the outer rainbands of Hurricane Emily, formed approximately 2 miles east of Bruni, about 1/2 mile north of Highway 359. The tornado moved southwest for about 1/2 to 1 mile, crossing Highway 359, then dissipated. Damage was mostly limited to broken mesquite trees and damage to fences. There was also some corrugated roofing sheet metal that was lifted from a pile and strewn about. A truck camper shell was also lifted from the ground and deposited 500 yards away, along the line of travel Victoria County 0 0 Victoria 27 Flash Flood Heavy rainfall resulted in low water crossings flooded on the southeast side of Victoria, including Lone Tree Road. NWS radar estimated between 1 and 3 inches of rainfall fell in about 1 hour. Webb County Laredo 27 0 0 Flash Flood Several intersections across the north and northeast side of town were flooded from heavy rainfall. NWS radar estimates between 1 and 3 inches of rain fell in this area over a one to two hour time frame. **Nueces County** Flash Flood Bishop 28

Heavy rainfall resulted in several streets flooded in Bishop. NWS Doppler radar estimated nearly 5 inches of rain fell in portions of Bishop and an NWS Cooperative Observer in Bishop reported 3.79 inches of rain.