

## Storm Data and Unusual Weather Phenomena - May 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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### GULF OF MEXICO

#### PT ARANSAS TO BAFFIN BAY TX OUT 20NM COUNTY

0.8 E BOB HALL PIER	05/27/07 21:00 CST	0	0	Marine Thunderstorm Wind (MG 41 kt)
	05/27/07 21:00 CST			27.581N, 97.2165W

Measured by Bob Hall Pier TCOON site.

#### PT ARANSAS TO BAFFIN BAY TX OUT 20NM COUNTY

3.8 N BOB HALL PIER	05/27/07 21:00 CST	0	0	Marine Thunderstorm Wind (MG 36 kt)
	05/27/07 21:00 CST			27.6349N, 97.23W

Measured by Packery Channel TCOON site.

**A line of thunderstorms pushed through the southern Coastal Bend and into the middle Texas coastal waters, producing strong to severe wind gusts.**

### TEXAS, Mid - South

#### LA SALLE COUNTY

8.0 NE LOS ANGELES	05/02/07 21:19 CST	0	0	Hail (0.88 in)
	05/02/07 21:19 CST			28.5518N, 98.9069W

**A supercell on the tail end of a squall line impacting Texas produced hail across La Salle county.**

#### NUECES (TX-Z243)

	05/03/07 01:18 CST	20K	0	High Wind (MAX 53 kt)
	05/03/07 02:15 CST			

**During the early morning hours of May 3, a weakening line of showers and thunderstorms moved from northwest to southeast across the Coastal Bend region. Within 10-20 minutes after the line of showers and thunderstorms moved east of locations across the southeastern Coastal Bend region (Alice, Corpus Christi, Kingsville and northern Padre Island), surface winds gusted between 50 and 60 mph. When winds reach 60 mph or greater, some minor damage can result, such as: breaking large tree limbs, downing small trees, and even roof damage to mobile homes. Winds during this episode developed well behind the dissipating line of showers and thunderstorms. This phenomenon is known in meteorology as a "wake low" high wind event.**

#### WEBB COUNTY

16.5 WNW (LRD)LAREDO INTL ARP	05/07/07 22:00 CST	0.10M	0	Thunderstorm Wind (EG 61 kt)
11.5 NNE CALLAGHAN	05/07/07 23:00 CST			27.7114N, 99.7691W ~ 28.0233N, 99.3281W

Damage caused by a bow echo was observed along a line from the Columbia International Bridge to Encinal. Damage included shingles blown off of buildings at the Columbia Bridge. In Los Botines and Penitas West many trailer homes suffered shingle and siding damage, and two lost their roofs. Highway signs near Hwy 83 and Columbia Rd. were blown down. Ranchers in rural northwest Webb county reported trees snapped. Some minor shingle damage was reported to a building on the northwest side of Laredo. At the fire training academy 15 miles northwest of Laredo many 6-8 inch diameter tree branches were snapped.

#### LA SALLE COUNTY

ENCINAL	05/07/07 23:00 CST	25K	0	Thunderstorm Wind (EG 61 kt)
	05/07/07 23:00 CST			28.03N, 99.35W

The bow echo that impacted northwest Webb county continued northeast into southern La Salle county, causing damage in the town of Encinal. There was damage to the siding of a few trailer homes. The sheet metal on a several structures was peeled back, and even taken off in some cases. Several large 8-12 inch diameter tree limbs were snapped. Highway signs were also blown over.

#### WEBB COUNTY

LAREDO	05/07/07 23:00 CST	0	0	Flash Flood (due to Heavy Rain)
	05/07/07 23:45 CST			27.55N, 99.47W

Flooding was reported in the San Carlos subdivision, with water in some homes.

**A squall line moving out of Mexico producing a bow echo in northwest Webb County.**

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<b>JIM WELLS COUNTY</b>				
ALICE	05/25/07 09:30 CST		10K	Flash Flood (due to Heavy Rain)
	05/25/07 12:00 CST		0	27.75N, 98.08W
<p>Several county roads in and round Alice were closed due to flooding. Alice city officials reported that some residents were evacuated for minor flooding near low lying creeks, mainly over the northeast portion of the city. Water was reported in several business around town.</p> <p><b>A slow moving complex of thunderstorms with heavy rainfall merged over central Jim Wells county, producing 3 to 5 inches of rain in 3 hours and flash flooding in and around Alice. 4.54" inches of rain was recorded at the ALI ASOS.</b></p>				

<b>JIM WELLS COUNTY</b>				
3.0 NW PALITO BLANCO	05/27/07 16:52 CST		75K	Thunderstorm Wind (EG 61 kt)
1.3 ESE PALITO BLANCO	05/27/07 16:57 CST		0	27.6106N, 98.2145W ~ 27.5727N, 98.1601W
<p>NWS storm survey concluded damage in and around Palito Blanco was the result of straight-line winds estimated at 60-70 mph. The damage path was approximately 2 miles wide and 4 miles long, beginning 2 miles northwest of Palito Blanco and ending roughly 2 miles southeast of Palito Blanco. The damage consisted primarily of large broken tree limbs, and a few uprooted trees. Several traffic sign poles made of fiberglass were broken off at their bases. Some sheet metal damage to the roof of an open barn was observed. The roof was partially blown off of one mobile home in Palito Blanco. Crops were blown down flat in a few fields. All debris throughout the damage swath was lying in the southeast direction.</p> <p><b>Straight-line thunderstorm winds resulted in swath of damage across south-central Jim Wells county.</b></p>				