

Storm Data and Unusual Weather Phenomena - March 2008

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
GULF OF MEXICO				
PT O'CONNOR TO ARANSAS PASS COUNTY --- 12.1 NW MESQUITE BAY [28.21, -96.98]				
	03/06/08 15:50 CST	0		Waterspout
	03/06/08 15:51 CST	0		Source: Public
A waterspout was reported over a marshy area 4-5 miles northeast of Holiday Beach.				
CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 5.1 E CORPUS CHRISTI [27.79, -97.34]				
	03/06/08 16:12 CST	0		Marine Thunderstorm Wind (MG 40 kt)
	03/06/08 16:23 CST	0		Source: Mesonet
Measured by the Corpus Christi Bay Platform Tcoon site.				
CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 1.1 N PORT ARANSAS [27.85, -97.07]				
	03/06/08 16:36 CST	0		Marine Thunderstorm Wind (MG 39 kt)
	03/06/08 16:36 CST	0		Source: Mesonet
Measured by the Port Aransas Tcoon site and nearby PTAT2 CMAN station.				
PT O'CONNOR TO ARANSAS PASS COUNTY --- 14.0 WSW MESQUITE BAY [28.03, -97.05]				
	03/06/08 16:36 CST	0		Marine Thunderstorm Wind (MG 36 kt)
	03/06/08 16:48 CST	0		Source: Mesonet
Measured by the Rockport Tcoon site.				
CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 6.9 WSW BAFFIN BAY [27.29, -97.43]				
	03/06/08 17:00 CST	0		Marine Thunderstorm Wind (MG 38 kt)
	03/06/08 17:00 CST	0		Source: Mesonet
Measured by the Baffin Bay Tcoon site.				
PT ARANSAS TO BAFFIN BAY TX 20 TO 60NM COUNTY --- 54.8 SE PORT ARANSAS [27.32, -96.38]				
	03/06/08 18:30 CST	0		Marine Thunderstorm Wind (MG 36 kt)
	03/06/08 18:30 CST	0		Source: Buoy
Measured by the nearby buoy 42020.				
Severe storms over the Coastal Plains moved into the Middle Texas Coastal waters.				
PT O'CONNOR TO ARANSAS PASS COUNTY --- 1.9 ESE PORT O'CONNOR [28.42, -96.40]				
	03/10/08 13:00 CST	0		Marine Thunderstorm Wind (MG 34 kt)
	03/10/08 13:00 CST	0		Source: Mesonet
Measured by the Port O'connor Tcoon site.				
CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 5.1 E CORPUS CHRISTI [27.79, -97.34]				
	03/10/08 13:43 CST	0		Marine Thunderstorm Wind (MG 47 kt)
	03/10/08 13:43 CST	0		Source: Mesonet
Measured by the Corpus Christi Bay Platform Tcoon site.				
CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 1.1 N PORT ARANSAS [27.85, -97.07]				
	03/10/08 13:48 CST	0		Marine Thunderstorm Wind (MG 47 kt)
	03/10/08 13:48 CST	0		Source: Mesonet
Measured by the Port Aransas Tcoon site.				
PT O'CONNOR TO ARANSAS PASS COUNTY --- 13.9 N PORT ARANSAS [28.03, -97.04]				
	03/10/08 13:48 CST	0		Marine Thunderstorm Wind (MG 40 kt)
	03/10/08 13:48 CST	0		Source: Mesonet

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Measured by the Rockport Tcoon site.

PT ARANSAS TO BAFFIN BAY TX OUT 20NM COUNTY --- 1.0 ENE BOB HALL PIER [27.58, -97.21]

03/10/08 14:30 CST	0	Marine Thunderstorm Wind (MG 54 kt)
03/10/08 14:30 CST	0	Source: Mesonet

Measured by the Bob Hall Pier Tcoon site.

CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 3.6 NNE BOB HALL PIER [27.63, -97.21]

03/10/08 15:00 CST	0	Marine Thunderstorm Wind (MG 36 kt)
03/10/08 15:00 CST	0	Source: Mesonet

Measured by the Packery Channel Tcoon site.

CORPUS CHRISTI TO BAFFIN BAY COUNTY --- 6.1 WSW BAFFIN BAY [27.28, -97.41]

03/10/08 15:00 CST	0	Marine Thunderstorm Wind (MG 53 kt)
03/10/08 15:00 CST	0	Source: Mesonet

Measured by the Baffin Bay Tcoon site.

PT ARANSAS TO BAFFIN BAY TX 20 TO 60NM COUNTY --- 51.9 ESE BOB HALL PIER [27.31, -96.44]

03/10/08 16:24 CST	0	Marine Thunderstorm Wind (MG 39 kt)
03/10/08 16:24 CST	0	Source: Buoy

Measured by the buoy 42020 station.

A squall line over the Coastal Plains of South Texas moved into the Middle Texas Coastal Waters.

TEXAS, Mid - South

NUECES COUNTY --- 0.5 SW ANNAVILLE [27.85, -97.59]

03/06/08 13:15 CST	0	Hail (1.00 in)
03/06/08 13:15 CST	0	Source: NWS Employee

Observed near Leopard and Violet Roads.

NUECES COUNTY --- 0.3 N MIDWAY [27.82, -97.52]

03/06/08 13:37 CST	0	Hail (0.75 in)
03/06/08 13:37 CST	0	Source: Trained Spotter

Observed near Suntide and Up River Roads.

NUECES COUNTY --- (CRP)CORPUS CHRISTI [27.77, -97.50]

03/06/08 14:00 CST	0	Funnel Cloud
03/06/08 14:00 CST	0	Source: NWS Employee

A funnel cloud was observed by NWS employees directly over the Corpus Christi International Airport.

VICTORIA COUNTY --- VICTORIA [28.80, -96.98], 2.4 NNW VICTORIA [28.83, -96.99], 2.6 S VICTORIA BALL ARPT [28.84, -97.02], 2.6 WSW VICTORIA [28.79, -97.02]

03/06/08 14:15 CST	0	Flash Flood (due to Heavy Rain)
03/06/08 15:25 CST	0	Source: Trained Spotter

Flash flooding occurred in the city of Victoria when 2-4 inches of rain fell over a two hour period. Several low water crossings and underpasses were flooded, with cars reported stalled.

VICTORIA COUNTY --- VICTORIA [28.80, -96.98]

03/06/08 14:20 CST	0	Hail (0.75 in)
03/06/08 14:20 CST	0	Source: Trained Spotter

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Observed at Citizens Medical Center in Victoria.				
NUECES COUNTY --- (CRP)CORPUS CHRISTI [27.77, -97.50]				
	03/06/08 14:21 CST		0	Thunderstorm Wind (MG 58 kt)
	03/06/08 14:21 CST		0	Source: ASOS
NUECES COUNTY --- 2.0 WNW CHAPMAN RANCH [27.59, -97.50]				
	03/06/08 14:50 CST		0	Hail (1.00 in)
	03/06/08 14:50 CST		0	Source: Trained Spotter
Observed west of Chapman Ranch along Highway 70.				
NUECES COUNTY --- 2.2 N GARDENDALE [27.73, -97.38], 2.3 N GARDENDALE [27.73, -97.38]				
	03/06/08 14:58 CST		20K	Tornado (EF1, L: 0.13 mi , W: 70 yd)
	03/06/08 14:59 CST		0	Source: NWS Storm Survey
A tornado touched down in the Pope Place neighborhood, producing sporadic damage to homes and large trees. An NWS Storm Survey Crew estimated wind speeds of 95 to 105 mph.				
VICTORIA COUNTY --- 0.4 WNW BLOOMINGTON [28.65, -96.89]				
	03/06/08 15:15 CST		0	Hail (0.88 in)
	03/06/08 15:15 CST		0	Source: Broadcast Media
Observed at Bloomington High School.				
A shallow cold front advanced slowly southward across the Texas Coastal Plains during the afternoon hours. Instability ahead of this boundary increased to nearly 1500 J/KG across the Middle Texas Coastal Plains. A line of strong and severe thunderstorms developed along the cold front from Victoria to Corpus Christi. Steep mid-level lapse rates and cold air aloft supported several storms with hail. Low-level shear supportive of tornadoes was greatest in the vicinity of Corpus Christi, where a tornado did occur.				
NUECES COUNTY --- 0.9 SSW GARDENDALE [27.69, -97.38], 1.7 W TEXAS A AND I [27.70, -97.35]				
	03/18/08 14:40 CST		50K	Tornado (EF0, L: 2.34 mi , W: 100 yd)
	03/18/08 15:00 CST		0	Source: NWS Storm Survey
A tornado touched down near the east side of the Country Club Estates subdivision at Staples St, and continued east across Wooldridge, through the intersection of Holly and Airline, and to Nile and S.P.I.D. (Hwy 358) where it dissipated. EF-0 damage occurred along the entire path with mainly fences and tree limbs damage. More notable damage was noted at the Saratoga Cove Apartments, Frost Bank, and a deluxe extended stay hotel, where fences were blown down, signs blown out, and minor shingle damage occurred.				
NUECES COUNTY --- 1.2 SSW GARDENDALE [27.68, -97.39], 1.2 S GARDENDALE [27.68, -97.38]				
	03/18/08 14:40 CST		5K	Thunderstorm Wind (EG 50 kt)
	03/18/08 14:50 CST		0	Source: NWS Storm Survey
The rear flank downdraft of a tornadic supercell produced straight line wind damage around Staples St. and Saratoga Blvd. Primary damage was to fences and signs to a few businesses.				
A strong impulse in the base of a southern branch trough moved into South Texas during the late morning and early afternoon. As this happened an elevated mixed layer will advected north northeastward out of the Lower Rio Grande Valley and into the Coastal Bend. On the nose of this air mass a zone of enhanced low-level warm advection near confluence zone just to the west of a 60-70 kt southerly 850 jet streak became the focus for convective development across the Coastal Bend. Mixed layer capes of 1000-2000 J/KG, a large clockwise curved low-level hodograph, and strong deep layer shear combined to produce supercell, with a tornadic storm in the city of Corpus Christi.				
BEE COUNTY --- 1.4 NNE TYNAN [28.19, -97.74]				
	03/10/08 12:39 CST		1K	Thunderstorm Wind (EG 52 kt)
	03/10/08 12:39 CST		0	Source: NWS Storm Survey
A NWS Storm Survey found large trees down near Tynan. Several large metal highway signs were broken off at base.				
SAN PATRICIO COUNTY --- 2.2 SE MATHIS [28.08, -97.80], 4.8 SE MATHIS [28.05, -97.77]				
	03/10/08 12:40 CST		10K	Thunderstorm Wind (EG 52 kt)
	03/10/08 12:50 CST		0	Source: NWS Storm Survey

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An NWS Storm Survey Crew found evidence of wind damage along Interstate 37 from mile marker 33 to mile marker 27. Several large trees were down along with large metal highway signs. In addition, an 18 wheeler was flipped near Interstate 37 and Highway 188.				
SAN PATRICIO COUNTY --- 2.0 NNW WEST SINTON [28.06, -97.68], 3.1 NNE WEST SINTON [28.07, -97.65]				
	03/10/08 12:45 CST		4K	Thunderstorm Wind (EG 52 kt)
	03/10/08 12:45 CST		0	Source: NWS Employee
Several power poles were blown down along and near Highway 188.				
SAN PATRICIO COUNTY --- 1.6 ESE WEST SINTON [28.02, -97.65], 2.0 ESE WEST SINTON [28.02, -97.64]				
	03/10/08 12:47 CST		10K	Tornado (EF0, L: 0.34 mi , W: 100 yd)
	03/10/08 12:48 CST		0	Source: NWS Storm Survey
DPS and local emergency management confrimed a tornado formed along the leading edge of a gust front. An NWS storm survey estimated the tornado to be 25 yards wide and 100 yards in length. The survey team found EF0 damage to a home off of Highway 630, where the entire east facing side of a metal roof on a new home was blown off.				
SAN PATRICIO COUNTY --- 0.2 NNE EDROY [27.97, -97.67], 2.7 NNW ODEM [27.98, -97.60]				
	03/10/08 13:05 CST		10K	Thunderstorm Wind (EG 52 kt)
	03/10/08 13:08 CST		0	Source: NWS Storm Survey
A tracter trailer near Highway 234 and Interstate 37 was blown over. A few power poles were snapped along Highway 234 between Interstate 37 and CR 2015. Several large trees were also downed near CR 2015 and Highway 234.				
SAN PATRICIO COUNTY --- 1.9 E EDROY [27.97, -97.64]				
	03/10/08 13:21 CST		0	Tornado (EF0, L: 0.25 mi , W: 50 yd)
	03/10/08 13:22 CST		0	Source: Broadcast Media
A local television station video taped a brief tornado on the leading edge of a gust front a few miles northwest of Gregory. The tornado was over open country and no damage was reported.				
SAN PATRICIO COUNTY --- 2.0 WNW ANGELITA [27.93, -97.65], 0.6 SW ODEM [27.94, -97.59]				
	03/10/08 13:30 CST		30K	Thunderstorm Wind (EG 52 kt)
	03/10/08 13:30 CST		0	Source: Newspaper
An 18-wheeler truck on southbound U.S. 77 in Odem was flipped over and blown off road into another 18-wheeler truck on the northbound side. Also, a furniture truck blew off Interstate 37 southwest of Odem.				
NUECES COUNTY --- CRPS CHRISTI INTL AR [27.77, -97.50], CORPUS CHRISTI NAS [27.70, -97.27]				
	03/10/08 13:39 CST		50K	Thunderstorm Wind (MG 59 kt)
	03/10/08 14:05 CST		0	Source: ASOS
A gust front produced wind damage across the city of Corpus Christi. Small to medium size tree branches were reported down throughout the city, with a few larger tree branches reported snapped. In addition, the Clear Channel Radio Station at old Brownsville Road and Highway 358 lost a portion of their roof. An aluminum awning was torn off Vick's Hamburger Restaurant near Leopard and North Port Street. Minor roof damage was also reported at the Sea Ranch Motel near Airline and Ocean Drive. The Briarwood Apartments near Thame and Williams Street lost a 20 foot section of the roof to one of the units. Roughly two dozen power poles were downed around the city. A 60 mph wind gust was recorded at the Corpus Christi International Airport (CRP) and a 68 mph wind gust recorded at Corpus Christi Naval Airstation (NGP).				
NUECES COUNTY --- BISHOP [27.58, -97.80]				
	03/10/08 13:44 CST		0	Hail (0.75 in)
	03/10/08 13:44 CST		0	Source: Emergency Manager
NUECES COUNTY --- BISHOP [27.58, -97.80]				
	03/10/08 13:44 CST		15K	Thunderstorm Wind (EG 52 kt)
	03/10/08 13:44 CST		0	Source: Law Enforcement
Two 18 wheelers were blown over on U.S. 77.				
KLEBERG COUNTY --- 15.1 SSW CORPUS CHRISTI [27.59, -97.54]				
	03/10/08 13:45 CST		2K	Thunderstorm Wind (EG 52 kt)
	03/10/08 13:45 CST		0	Source: Law Enforcement

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Power poles were downed near CR 55 and Highway 70 in rural Kleberg County.

A squall line developed across the Coastal Bend in South Texas and moved southeast off the coast. Severe straight line wind damage was observed across a large swath from Bee and San Patricio Counties into Nueces County. Two tornadoes also formed on the leading edge of the gust front in San Patricio County.

(TX-Z240) DUVAL

	03/14/08 12:00 CST	0	Wildfire
	03/14/08 18:00 CST	0	

The Rentz Fire burned 450 acres on State Highway 359 near the Duval/Webb County line. Two homes and a uranium plant were threatened. Multiple local fire departments along and the Texas Forest Service responded. The exact beginning and containment time were not known at the time of this writing.

(TX-Z240) DUVAL

	03/14/08 12:00 CST	0	Wildfire
	03/14/08 18:00 CST	0	

The Longoria Ranch Fire burned 500 acres 10 miles west of the Rentz Fire in Duval County on US Hwy 359. Multiple local fire departments responded. The exact beginning and containment time were not known at the time of this writing.

(TX-Z229) LA SALLE

	03/14/08 12:00 CST	0	Wildfire
	03/16/08 12:00 CST	0	

The 322 Fire began in Dimmit County and spread into La Salle County, burning 67,500 acres combined. The fire began on the Piloncia Ranch near Artesia Wells and made into to within 4 miles of the city of Cotulla in La Salle County. 135 homes were threatened and saved. One research center, three outbuildings, three camp houses, one lodge, five RV pop-ups, and three buildings were destroyed by the fire. Numerous local, state, federal and private resources responded. The exact beginning and containment time were not known at the time of this writing.

(TX-Z229) LA SALLE

	03/15/08 12:00 CST	0	Wildfire
	03/15/08 18:00 CST	0	

A 3000 acre fire in La Salle County destroyed numerous buildings, supplies, and vehicles. The fire was contained at the Chaparral Wildlife Management Complex. The exact beginning and containment time were not known at the time of this writing.

(TX-Z240) DUVAL

	03/18/08 12:00 CST	0	Wildfire
	03/18/08 18:00 CST	0	

The Realitos Fire burned 1500 acres along F.M. 716. Seven homes were threatened and saved. Multiple local and state resources responded. The exact beginning and containment time were not known at the time of this writing.

(TX-Z240) DUVAL

	03/18/08 12:00 CST	0	Wildfire
	03/18/08 18:00 CST	0	

The Ramirez Fire burned 3500 acres along F.M. 339. One home was threatened and three barns destroyed. Multiple local and state resources responded. The exact beginning and containment time were not known at the time of this writing.

(TX-Z229) LA SALLE, (TX-Z230) MCMULLEN, (TX-Z231) LIVE OAK, (TX-Z232) BEE, (TX-Z233) GOLIAD, (TX-Z239) WEBB, (TX-Z240) DUVAL, (TX-Z241) JIM WELLS, (TX-Z242) KLEBERG, (TX-Z243) NUECES, (TX-Z244) SAN PATRICIO, (TX-Z245) ARANSAS, (TX-Z246) REFUGIO

	03/01/08 00:00 CST	0	Drought
	03/31/08 23:59 CST	0	

Beneficial rainfall finally fell across central and eastern portions of South Texas during the middle part of March, with a lack of significant rainfall occurring across the Rio Grande Plains through the month. In March only 0.14" of rain fell at Laredo, 0.27" at Alice and 0.64" at Cotulla, while 1.58" of rain fell at Corpus Christi. By the end of March extreme drought conditions had developed across western portions of La Salle and Webb counties. (per the U.S. Drought Monitor: <http://www.drought.unl.edu/dm/monitor.html>) Severe drought conditions existed across Live Oak, McMullen, Duval, and eastern portions of La Salle and Webb counties. Moderate drought conditions existed across northwest Bee, southeast Live Oak, Jim Wells, and western Kleberg counties. Conditions across central Bee, western

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San Patricio, western Nueces and central Kleberg counties improved to abnormally dry by the end of March. By the middle of March, rainfall had alleviated abnormally dry and moderate drought conditions in Goliad, Refugio and Aransas counties.

The primary impact of the drought through February continued to be a wildfire threat as well as agricultural impacts.