



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

GULF OF MEXICO

<p>GMZ235 12 N Port Aransas</p>	<p>Pt O'Connor To Aransas Pass 02 2202CST Gust recorded at Rockport.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG34)</p>
<p>GMZ230 Port Aransas</p>	<p>Corpus Christi To Baffin Bay 04 2312CST 05 2312CST Gusts occurred with initial squall line at Port Aransas TCOON, near GMZ 230/235/250/255 intersection.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG35)</p>
<p>GMZ255 Port Aransas</p>	<p>Matagorda Ship Chnl To Pt Aransas Out 20Nm 04 2312CST Gusts occurred with initial squall line at Port Aransas TCOON, near GMZ 230/235/250/255 intersection.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG35)</p>
<p>GMZ250 Port Aransas</p>	<p>Pt Aransas To Baffin Bay Tx Out 20Nm 04 2312CST Gusts occurred with initial squall line at Port Aransas TCOON, near GMZ 230/235/250/255 intersection.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG35)</p>
<p>GMZ235 Port Aransas</p>	<p>Pt O'Connor To Aransas Pass 04 2312CST Gusts occurred with initial squall line at Port Aransas TCOON, near GMZ 230/235/250/255 intersection.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG35)</p>
<p>GMZ250 Bob Hall Pier</p>	<p>Pt Aransas To Baffin Bay Tx Out 20Nm 05 0000CST 0400CST Winds gusting over 34 knots occurred in response to a wake low which developed over the Coastal Bend following a strong squall line which moved offshore. Peak wind gust at Bob Hall Pier was 48 knots.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG34)</p>
<p>GMZ230 South Bird Island</p>	<p>Corpus Christi To Baffin Bay 05 0100CST 0300CST Winds gusting over 34 knots occurred in response to a wake low which developed over the Coastal Bend following a strong squall line which moved offshore. Peak wind gust associated with wake low at South Bird Island was 43 knots.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG34)</p>
<p>GMZ270 65 E Baffin Bay</p>	<p>Pt Aransas To Baffin Bay Tx 20 To 60Nm 05 0145CST Winds gusting over 34 knots initially occurred with squall line, then continued for a period three hours in response to a wake low which developed over the Coastal Bend. Peak wind at 65 miles east of Baffin Bay was estimated from Bouy 42020 at 47 knots</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG34)</p>
<p>GMZ230 Port Aransas</p>	<p>Corpus Christi To Baffin Bay 05 0200CST 0400CST Winds gusting over 34 knots occurred in response to a wake low which developed over the Coastal Bend following a strong squall line which moved offshore. Peak wind gust associated with wake low at Port Aransas TCOON was 35 knots.</p>	<p>0</p>	<p>0</p>	<p>Marine Tstm Wind (MG34)</p>



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

GULF OF MEXICO

GMZ255	Matagorda Ship Chnl To Pt Aransas Out 20Nm								
Port Aransas	05	0200CST 0400CST			0	0			Marine Tstm Wind (MG34)

GMZ250	Pt Aransas To Baffin Bay Tx Out 20Nm								
Port Aransas	05	0200CST 0400CST			0	0			Marine Tstm Wind (MG34)

GMZ235	Pt O'Connor To Aransas Pass								
Port Aransas	05	0200CST 0400CST			0	0			Marine Tstm Wind (MG34)

GMZ235	Pt O'Connor To Aransas Pass								
Seadrift	05	0330CST 0400CST			0	0			Marine Tstm Wind (MG34)

Winds gusting over 34 knots occurred in response to a wake low which developed over the Coastal Bend following a strong squall line which moved offshore. Peak wind gust associated with wake low at Seadrift 39 knots

GMZ235	Pt O'Connor To Aransas Pass								
Port O'Connor	05	0400CST 0545CST			0	0			Marine Tstm Wind (MG34)

Winds gusting over 34 knots occurred in response to a wake low which developed over the Coastal Bend following a strong squall line which moved offshore. Peak wind gust associated with wake low at Port O'Connor TCOON was 43 knots.

GMZ230	Corpus Christi To Baffin Bay								
Bob Hall Pier	06	0900CST			0	0			Marine Tstm Wind (MG39)

GMZ230	Corpus Christi To Baffin Bay								
7 SW Bob Hall Pier	06	0942CST			0	0			Waterspout

Video from public showed tornado which began over extreme Northeast Kleberg county crossing into the Intracoastal Waterway as a waterspout and dissipating.

GMZ235	Pt O'Connor To Aransas Pass								
Port O'Connor	10	1948CST 2036CST			0	0			Marine Tstm Wind (MG35)

Gusts to 35 knots recorded at Port O'connor TCOON. Peak gust of 53 knots was recorded at 0830 CST.

GMZ255	Matagorda Ship Chnl To Pt Aransas Out 20Nm								
19 ESE Seadrift	10	2000CST			0	0			Marine Tstm Wind (EG45)

Gust estimated from Matagorda RAWS site.

GMZ235	Pt O'Connor To Aransas Pass								
18 ESE Seadrift	10	2000CST			0	0			Marine Tstm Wind (MG45)

Gust recorded at Matagorda RAWS site.

GMZ250	Pt Aransas To Baffin Bay Tx Out 20Nm								
Port Aransas	10	2030CST 2150CST			0	0			Marine Tstm Wind (MG34)

Gusts to 34 knots recorded at Port Aransas CMAN.

GMZ230	Corpus Christi To Baffin Bay								
South Bird Island	10	2048CST 2200CST			0	0			Marine Tstm Wind (MG34)

Gusts to 34 knots recorded at Bird Island.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

GULF OF MEXICO

GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 10	2100CST			0	0			Marine Tstm Wind (MG40)
GMZ235 Port O'Connor	Pt O'Connor To Aransas Pass 10	2112CST 2216CST			0	0			Marine Tstm Wind (MG34)
Gusts to 34 knots recorded at Port O'connor TCOON site.									
GMZ230 Port Aransas	Corpus Christi To Baffin Bay 10	2124CST			0	0			Marine Tstm Wind (EG35)
Gust to 35 knots estimated in GMZ230 from Port Aransas RTNS site.									
GMZ255 Port Aransas	Matagorda Ship Chnl To Pt Aransas Out 20Nm 10	2124CST			0	0			Marine Tstm Wind (EG35)
Gust to 35 knots estimated in GMZ255 from Port Aransas RTNS site.									
GMZ250 Port Aransas	Pt Aransas To Baffin Bay Tx Out 20Nm 10	2124CST			0	0			Marine Tstm Wind (MG35)
Gust to 35 knots recorded at Port Aransas RTNS site.									
GMZ235 Port Aransas	Pt O'Connor To Aransas Pass 10	2124CST			0	0			Marine Tstm Wind (EG35)
Gust to 35 knots estimated in GMZ235 from Port Aransas RTNS site.									
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 10	2200CST			0	0			Marine Tstm Wind (MG46)
GMZ230 Baffin Bay	Corpus Christi To Baffin Bay 10	2212CST 2224CST			0	0			Marine Tstm Wind (MG36)
Gusts to 36 knots recorded at Baffin Bay TCOON.									
GMZ230 South Bird Island	Corpus Christi To Baffin Bay 10	2248CST 2300CST			0	0			Marine Tstm Wind (MG34)
GMZ275 70 SE Port O'Connor	Matagorda Ship Chnl To Pt Aransas Tx 20 To 60Nm 10	2328CST			0	0			Marine Tstm Wind (EG36)
Gust estimated from Buoy 42019.									
GMZ270 45 ESE Baffin Bay	Pt Aransas To Baffin Bay Tx 20 To 60Nm 10	2348CST			0	0			Marine Tstm Wind (EG36)
Gust estimated from Buoy 42020.									
GMZ230 Baffin Bay	Corpus Christi To Baffin Bay 25	0436CST 0524CST			0	0			Marine Tstm Wind (MG39)
Gusts to 39 knots recorded at Baffin Bay TCOON.									
GMZ250 Bob Hall Pier	Pt Aransas To Baffin Bay Tx Out 20Nm 25	0500CST 0600CST			0	0			Marine Tstm Wind (MG40)
Gusts to 40 knots recorded at Bob Hall Pier.									



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

GULF OF MEXICO

TEXAS, Mid - South

Bee County

**North Portion to
Northeast Portion**

02	1453CST 1700CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Thunderstorms began over central and northern Bee county and drifted east becoming nearly stationary along the Bee and Goliad county line. Several Farm to Market roads and Highways had water over the roadway, producing closures. U.S. 59 was briefly closed due to water over the roadway near the Goliad county line. (see episode narrative below for estimated rainfall amounts)

Bee County

5 W Skidmore

02	1525CST				0	0			Hail(1.75)
----	---------	--	--	--	---	---	--	--	-------------------

Goliad County

Southwest Portion

02	1530CST 1700CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

A nearly stationary stationary thunderstorm along the Bee and Goliad county line produced very heavy rainfall for several hours over the town of Berclair. (see episode narrative below for estimated rainfall amounts) Law enforcement reported water over U.S. 59 near Berclair in far southwest Goliad county.

Bee County

**Central Portion to
South Portion**

02	2015CST 2200CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Additional thunderstorms moved out of the Rio Grande Plains into the Coastal Bend during the evening producing heavy rainfall over already saturated grounds. The heaviest rainfall during the evening fell across the southern half of the county. Law enforcement reported several road closures due to high water. (see episode narrative below for estimated rainfall amount)

San Patricio County

West Portion

02	2130CST 2300CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Thunderstorms moved slowly out of the Rio Grande Plains into the Coastal Bend during the evening. Very heavy rainfall produced flash flooding along Highway 188 just east of Interstate 37. (see episode narrative below for estimated rainfall amount)

A slightly negatively tilted upper level trough was situated across the Southwest U.S., Northern Mexico and West Texas. A strong upper level disturbance rotated out of the trough across Mexico and into Texas during the morning of the 2nd. Showers and thunderstorms developed first across Live Oak, Bee and Goliad counties during the mid-morning hours. Weak mid-level winds resulted in slow moving storms across these counties, with the storms merging and becoming nearly stationary along the Bee and Goliad county line. Clearing skies across the Rio Grande Plains and Mexico during the afternoon led to increasing low-level instability. A second mid and upper level shortwave rotated out of Mexico during the afternoon. Thunderstorms developed from La Salle into Webb county during the afternoon hours with a few becoming severe. The thunderstorms organized into a squall line during the evening moving east into the Coastal Bend. The line weakened as it moved into a more stable airmass across the east, but did produce additional heavy rainfall and flash flooding across Bee, Goliad and San Patricio counties. Radar estimates 5 to 8 inches may have fallen along the Bee and Goliad county line with 3 to 5 inches elsewhere across the county. Additionally 4 to 6 inches was estimated across southern La Salle county, however no flooding was reported. Elsewhere 1 to 3 inches fell across portions of Live Oak, Northern Goliad, Western Refugio, Western San Patricio and Victoria counties



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
TEXAS, Mid - South									
Duval County Benavides	04	1255CST			0	0			Hail(0.75)
Duval County San Jose	04	1255CST			0	0			Hail(1.50)
Webb County 11 N Callaghan	04	1404CST	0.2	50	0	0			Tornado (F0) Public reported a brief touchdown just off of Highway 44, 5 miles west of Interstate 35. The tornado remained over open country
Duval County 2 E San Jose to 3 E San Jose	04	1458CST			0	0			Hail(2.75) Baseball-sized hail was reported by law enforcement on F.M. 2295, along the Duval and Jim Wells county line. Hail was reportedly as much as foot deep on the ground.
Jim Wells County 10 SW Ben Bolt	04	1458CST			0	0			Hail(2.75)
Jim Wells County Central Portion	04	1530CST 1700CST			0	0			Flash Flood A slow moving supercell produced very heavy rainfall from the Duval and Jim Wells county line, along F.M. 2295, to just south of Alice. Doppler radar estimated 4 to 5 inches of rain fell across central Jim Wells county resulting in flash flooding and water over several Farm to Market roads.
La Salle County 1 S Encinal	04	1613CST			0	0			Hail(1.75) Golf ball-size hail reported on Interstate 35, just south of Encinal, along the Webb and La Salle county line.
Webb County 10 NNE Callaghan	04	1613CST			0	0			Hail(1.75)
Webb County 13 NE Callaghan	04	1630CST			0	0			Hail(1.75) Golf ball-size was reported in northern Webb county, 5 miles east-southeast of Encinal on Highway 44
Webb County 1 NE Callaghan	04	1650CST			0	0			Funnel Cloud
Duval County 3 SW Sejita	04	1700CST			0	0			Hail(2.75) Baseball-size hail reported in extreme southwestern Duval county.
Webb County 13 NNE Laredo	04	1712CST			0	0			Hail(0.75) Penny-size hail reported by law enforcement on Interstate 35, 13 miles north of Laredo.
Webb County Northwest Portion	04	1735CST 1800CST			0	0			Flash Flood Slow moving thunderstorms dumped heavy rainfall across northern Webb county and La Salle County. Doppler radar estimated widespread amounts of 1 to 2 inches fell, with localized amounts of 3 inches across northern Webb county. Flooding was reported along Highway 44 and U.S. 83 where the 3 inches was estimated.



National Weather Service Storm Data and Unusual Weather Phenomena



April 2004

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

TEXAS, Mid - South

Webb County

12 NNE Laredo	04	1740CST			0	0			Hail(0.88)
----------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Nickle-size hail reported by law enforcement on Interstate 35, 12 miles noth of Laredo

Webb County

Laredo	04	1800CST 1930CST			0	0			Flash Flood
---------------	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

Heavy rainfall of 1 to 2 inches produced flash flooding in Laredo. Numerous city streets were flooded, stranding several vehicles. Several rescues were required by fire department.

Webb County

Aguilares	04	1900CST			0	0			Hail(1.00)
------------------	-----------	----------------	--	--	----------	----------	--	--	-------------------

Webb County

Southeast Portion	04	1915CST 2000CST			0	0			Flash Flood
--------------------------	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

Slow moving thunderstorms over the Laredo area movind east along Highway 359 producing very heavy rainfall. Radar estimated 2 to 3 inches fell in areas of southeastern Webb county. Flooding was reported along Highway 359 just east of Aguilares.

Duval County

Southwest Portion to Southeast Portion	04	2030CST 2145CST			0	0			Flash Flood
---	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

A slow moving supercell in northern Jim Hogg county moved east along the border of Brooks and Duval county. Radar estimated 4 to 6 inches of rain fell in extreme southeastern Duval county. Flooding was observed along Highway 285 forcing it to be closed.

Bee County

South Central Portion	04	2100CST 2245CST			0	0			Flash Flood
------------------------------	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

Widespread 1 to 2 inches of rain fell across Bee county as a squall line formed over the area. This fell across satrdated grounds from heavy rains on April 2nd. Law enforcement closed a section of U.S. 59 from Beeville to the Live Oak county line due to a number of low water crossings flooded.

Kleberg County

South Central Portion	04 05	2240CST 0000CST			0	0			Flash Flood
------------------------------	------------------	----------------------------	--	--	----------	----------	--	--	--------------------

A squall line moved into the Coastal Bend producing heavy rainfall. A widespread 1 to 3 inches fell over the southern Coastal Bend, including Kleberg county. Several Farm to Market and County roads were flooded. Radar estimated 3 to 4 inches of rain fell, where the squall line merged with a supercell. Highway 285 was reported flooded and closed in southwest Kleberg count.

TXZ234-242>247

Victoria - Kleberg - Nueces - San Patricio - Aransas - Refugio - Calhoun

05	0100CST 0500CST			0	0				High Wind (MS40)
-----------	----------------------------	--	--	----------	----------	--	--	--	-------------------------

Sustained winds of 40 mph occured from 200-600 a.m. CDT throughout the region. Selected peak wind gusts: VCT 64 mph at 236 a.m. CDT, CRP 54 mph at 230 a.m. CDT, NGP 51 mph at 258 a.m. CDT, Bob Hall Pier 55 mph at 300 a.m. CDT, South Bird Island 49 mph at 300 a.m. CDT and Matagorda RAWS 46 mph at 500 a.m. CDT. High winds were associated with wake low. Winds resulted in several small and medium-size tree branches down throughout the region. Tug boat was reported damaged in the Port Oconnor area.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

TEXAS, Mid - South

An upper level trough remained situated out to the west in Northern Mexico and the Southwest U.S. A very unstable airmass developed during the afternoon hours across South Texas triggering thunderstorms. An upper level shortwave rotated out of Mexico during the afternoon providing increasing large-scale ascent, divergence aloft and steepening mid-level lapse rates. Thunderstorms initially began as supercells across the Rio Grande Plains and Duval and Jim Wells counties during the afternoon and early evening, producing large hail and heavy rain. The supercells organized into a squall-line during the evening and moved east across the Coastal Bend, producing heavy rainfall and flash flooding. A wake low formed over the Coastal Bend behind the squall line as it moved into the offshore waters during the late night and early morning hours. High sustained winds of 40 to 50 mph, with some gusts over 60 mph, developed over the Coastal Bend, Victoria Crossroads region and the bays and nearshore waters. Damage associated with these winds was mainly confined to tree limbs, however a tug boat in Port Oconnor was reportedly damaged. See High Wind event entry as well as wind entries under Gulf of Mexico for further information

Bee County

Central Portion

06	0845CST 0915CST				0	0			Flash Flood
-----------	----------------------------	--	--	--	----------	----------	--	--	--------------------

Water was reported over U.S. 59 east of Beeville by law enforcement. (see episode narrative below for estimated rainfall)

Goliad County

South Portion

06	0850CST 1030CST				0	0			Flash Flood
-----------	----------------------------	--	--	--	----------	----------	--	--	--------------------

Water was reported over U.S. 59 at Berclair by law enforcement. Highway 183, 10 miles south of Goliad, was also reported flooded by law enforcement. (see episode narrative below for estimated rainfall)

Nueces County

Robstown

06	0940CST				0	0			Hail(0.75)
-----------	----------------	--	--	--	----------	----------	--	--	-------------------

Kleberg County

7 NW Padre Ranger Stn

06	0941CST 0942CST	0.5	100		0	0			Tornado (F0)
-----------	----------------------------	------------	------------	--	----------	----------	--	--	---------------------

Video shot by public showed tornado over open country on the King Ranch in extreme northeast Kleberg county. Tornado crossed northeast into the Laguna Madre as a waterspout and dissipated

Victoria County

Mc Faddin

06	0942CST				0	0			Hail(1.75)
-----------	----------------	--	--	--	----------	----------	--	--	-------------------

Victoria County

Mc Faddin

06	0942CST				0	0			Thunderstorm Wind (EG60)
-----------	----------------	--	--	--	----------	----------	--	--	---------------------------------

Victoria County

2 E Mc Faddin

06	0942CST	0.1	50		0	0			Tornado (F0)
-----------	----------------	------------	-----------	--	----------	----------	--	--	---------------------

A tornado briefly touched down over open county. No damage was reported.

Victoria County

Victoria

06	0946CST				0	0			Hail(0.75)
-----------	----------------	--	--	--	----------	----------	--	--	-------------------

Refugio County

North Portion

06	1000CST 1215CST				0	0			Flash Flood
-----------	----------------------------	--	--	--	----------	----------	--	--	--------------------

Trained spotter reported flooding at Highway 239 and U.S. 77 in northern Refugio county. Flooding also occurred on many streets in Tivoli with water reaching into a few homes. (see episode narrative below for estimated rainfall)



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

TEXAS, Mid - South

Victoria County

South Portion

06	1000CST 1130CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Flooding reported along many secondary roads around in extreme southern Victoria county. Kay Creek also reported out of banks near McFaddin. (see episode narrative below for estimated rainfall)

Nueces County

West Central Portion

06	1015CST 1115CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Flooding reported by NWS employee along Highway 44 in Robstown. Numerous Farm to Market roads throughout Nueces county also had water over them.

Refugio County

Tivoli

06	1020CST				0	0			Hail(1.75)
----	---------	--	--	--	---	---	--	--	-------------------

Refugio County

Tivoli

06	1020CST				0	0			Thunderstorm Wind (EG60)
----	---------	--	--	--	---	---	--	--	---------------------------------

Trained spotter reported large tree limbs down and power lines blown over.

Calhoun County

1 NW Green Lake

06	1022CST	0.1	50		0	0			Tornado (F0)
----	---------	-----	----	--	---	---	--	--	---------------------

Trained spotter reported a tornado briefly touching down over open country near Highway 185, northwest of Green Lake

Calhoun County

Long Mott

06	1040CST				0	0			Thunderstorm Wind (MG60)
----	---------	--	--	--	---	---	--	--	---------------------------------

Recorded at the Dow Chemical Plant. Office trailer was blown on it's side.

Calhoun County

Long Mott

06	1041CST 1042CST	0.5	100		0	0	10K		Tornado (F0)
----	--------------------	-----	-----	--	---	---	-----	--	---------------------

NWS storm survey concluded tornado touched down in Long Mott and crossed Highway 185. Tornado damaged a home and adjacent barn as well as uprooted several large trees. Eleven power poles along Highway 185 were downed. An ultra-light aircraft also sustained damage.

Calhoun County

West Central Portion

06	1100CST 1200CST				0	0			Flash Flood
----	--------------------	--	--	--	---	---	--	--	--------------------

Law enforcement reported flooding along Highway 35 near 185. (see episode narrative below for estimated rainfall)

A strong upper level disturbance moved out of Northern Mexico and into to South Texas during the morning of the 6th. Low level winds ahead of the system backed to the east as winds increased in the mid levels resulting in strong deep layer shear. Several supercell thunderstorms developed inland over the Coastal Bend. An HP supercell moved from near Beeville into south-central Goliad county and through northern Refugio, southern Victoria and Calhoun counties. NWS radar estimated a wide swath of 2-3 inches of rainfall across this area, with localized amounts of 3 to 4 inches, producing flash flooding. In addition, this storm produced three F0 tornadoes along it's path through Southern Victoria and Calhoun counties. Additional rotating storms across Kleberg and Nueces county produced flash flooding in Nueces county as well as one confirmed F0 tornado along the coast in Northeast Kleberg county.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

TEXAS, Mid - South

Webb County

Mirando City	10	1950CST			0	0			Hail(1.00)
--------------	----	---------	--	--	---	---	--	--	------------

Calhoun County

Seadrift	11	1145CST			0	0			Hail(0.88)
----------	----	---------	--	--	---	---	--	--	------------

La Salle County

Cotulla	23	2305CST			0	0			Thunderstorm Wind (EG50)
---------	----	---------	--	--	---	---	--	--	--------------------------

Railroad crossing snapped in two and tree blown down onto vehicle.

Refugio County

Woodsboro	25	0330CST			0	0			Hail(1.75)
-----------	----	---------	--	--	---	---	--	--	------------

Nueces County

Countywide	25	0400CST 1545CST			0	0			Flash Flood
------------	----	--------------------	--	--	---	---	--	--	-------------

see episode narrative below for more information.

San Patricio County

Countywide	25	0415CST 1545CST			0	0			Flash Flood
------------	----	--------------------	--	--	---	---	--	--	-------------

see episode narrative below for more information.

On the morning of Sunday, April 25th, heavy rain inundated the southern Coastal Bend of Texas. A cold front became nearly stationary from near Victoria to Alice during the early morning hours of the 25th. A surface low formed across Deep South Texas and slowly tracked northeast. Analysis revealed strong easterly gulf inflow on the north side of the low, resulting in strong mass moisture convergence along the stalled front across the Southern Coastal Bend.

Showers and thunderstorms began to form over Kleberg and Kenedy counties around 2 a.m. These storms intensified and moved north into western Nueces and San Patricio counties through 3 a.m. From 3 a.m. to 5 a.m. additional thunderstorms developed across Kleberg county and southern Nueces county and moved northeast across the Corpus Christi metro area. By 5 a.m. the heaviest rainfall stretched from Taft to downtown Corpus Christi to Chapman Ranch. National Weather Service (NWS) Doppler radar estimated rainfall rates close to 2 inches per hour across this area. From 5 a.m. to 9 a.m. thunderstorms continued to reform over the south side of Corpus Christi and move northeast across the city, resulting in a training of storms. The heaviest showers and thunderstorms eventually tapered off and moved east between 10 a.m. and noon. NWS radar estimated widespread 5 to 8 inches of rainfall across most of Nueces and San Patricio counties east of U.S. 77. A bull's eye of 7 to 10 inches of rainfall was estimated across much of the south side of Corpus Christi.

The heavy rainfall produced extensive flooding of primary and secondary roads in much of Nueces and San Patricio counties. The Corpus Christi Police Department reported over 100 vehicles stalled in highwater in Corpus Christi, with some drivers needing to be rescued. The water reached into several homes in Tuloso-Midway and Taft as well as some homes across the south side of Corpus Christi. Numerous city streets and intersections were not passable due to the flooding. Flooding along Interstate 37 was also reported near Calallen, Five Points and Annville, triggering closures and rescues of vehicle passengers.

6.18" of rain fell at the Corpus Christi International Airport, establishing a new daily rainfall record for April 25th. This also brought the monthly total to 9.21", establishing a new rainfall record for the month of April. Below are some area rainfall totals:

Official ASOS and NWS COOP observations

Location	Amount (inches)
Corpus Christi Intl Airport	6.18
NAS Corpus Christi	7.38
C.C. Pump Station (Bayfront)	11.35
C.C. Weber and Saratoga	11.18
Portland	5.25
Robstown	5.14
Rockport	1.41
Alice	2.20
NAS Kingsville	1.03
Sinton	4.22



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2004

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

TEXAS, Mid - South

Unofficial reports from public and media

Location	Amount (inches)
C.C. Carmel Parkway	10.93
C.C. Kostoryz and Gollihar	7.30
Flour Bluff	7.40
Calallen	6.50
Port Aransas	4.00
Odem	6.50