

Location	Date	Time Local/ Standard	Path Length ard (Miles)		Number of Persons Killed Injured		Estimated Damage Property Crops	May 200 Character of Storm	
GULF OF MEXICO									
GMZ235 Port O'Connor	Pt O'0 08 Recor	Connor To Aran 1654CST 1700CST ded by Port Ocor	nsas Pass nnor TCOON s	ite.	0	0		Marine Tstm Wind (MG40)	
GMZ235 Port O'Connor	Pt O'0 08 Recor	Connor To Aran 1854CST 1912CST ded by Port Ocor	<b>isas Pass</b> nnor TCOON s	ite.	0	0		Marine Tstm Wind (MG40)	
GMZ230 Baffin Bay	Corpu 08 Recor	us Christi To Ba 1936CST 1948CST ded by Baffin Ba	<b>ffin Bay</b> ay TCOON site		0	0		Marine Tstm Wind (MG35)	
GMZ235 Port O'Connor	Pt O'0 08 Recor	C <b>onnor To Aran</b> 2000CST ded by Port Ocon	<b>nsas Pass</b> nnor TCOON si	ite.	0	0		Marine Tstm Wind (MG39)	
GMZ235 6 W Mesquite Bay to 7 W Mesquite Bay	Pt O'0 16 Public waters	Connor To Aran 1110CST 1120CST e and law enforce spout moved slow	nsas Pass ement witnessed wly southwest, a	l waterspou approxiamte	<b>0</b> t develop at sly 1 mile, ir	<b>0</b> the mouth c tto Aransas	of St. Charles Bay, jι Bay and dissipated.	<b>Waterspout</b> Ist off of Goose Island State Park.	The
GMZ230 Baffin Bay	Corpu 29 Recor	<b>is Christi To Ba</b> 1736CST ded by Baffin Ba	<b>ffin Bay</b> ay TCOON site		0	0		Marine Tstm Wind (MG37)	
GMZ230 South Bird Island	Corpu 29 Recor	<b>is Christi To Ba</b> 1736CST ded by S. Bird Is	<b>ffin Bay</b> sland TCOON s	ite.	0	0		Marine Tstm Wind (MG47)	
GMZ230 Baffin Bay	Corpu 29 Recor	ns Christi To Ba 1748CST ded by Baffin Ba	<b>ffin Bay</b> ay TCOON site		0	0		Marine Tstm Wind (MG35)	
GMZ230 South Bird Island	Corpu 29 Recor	<b>is Christi To Ba</b> 1748CST ded by S. Bird Is	<b>ffin Bay</b> sland TCOON s	ite.	0	0		Marine Tstm Wind (MG41)	
GMZ230 South Bird Island	Corpu 29 Recor	<b>is Christi To Ba</b> 1800CST ded by S. Bird Is	<b>ffin Bay</b> sland TCOON s	ite.	0	0		Marine Tstm Wind (MG48)	
GMZ230 South Bird Island	Corpu 29 Recor	<b>is Christi To Ba</b> 2218CST ded by S. Bird Is	<b>ffin Bay</b> sland TCOON s	ite.	0	0		Marine Tstm Wind (MG40)	
GMZ230 South Bird Island	Corpu 29 Recor	<b>IS Christi To Ba</b> 2300CST ded by S. Bird Is	<b>ffin Bay</b> sland TCOON s	ite.	0	0		Marine Tstm Wind (MG40)	



		Time Local/	Path Length	Path	Number of		Estimated	May 2005	
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property Crops	Character of Storm	
GULF OF MEXICO									
TEXAS, Mid - South									
Victoria County Nurserv	08	1440CST			0	0		Hail(1.00)	
Live Oak County Three Rivers	08	1502CST			0	0		Hail(1.00)	
Victoria County 7 NE Nursery	08	1505CST			0	0		Hail(1.00)	
Live Oak County Ray Pt	08	1520CST			0	0		Hail(1.00)	
Victoria County Victoria	<b>08</b> Quarte	1524CST er-sized hail on n	orth side of city	7.	0	0		Hail(1.00)	
Victoria County 6 N Victoria	<b>08</b> Minor	1615CST hail damage repo	orted to cars.		0	0		Hail(1.00)	
Victoria County 6 N Victoria	08	1615CST			0	0		Thunderstorm Wind (EG52	2)
San Patricio County Mathis	<b>08</b> Penny	<b>1630CST</b> -sized hail with a	few golfball-si	ized hail repo	0 orted.	0		Hail(1.75)	
Live Oak County Lagarteo	<b>08</b> Penny	1655CST to nickle-sized h	ail reported.		0	0		Hail(0.88)	
Nueces County 10 NW Corpus Christi	<b>08</b> Repor	1702CST ted in Calallen, a	t Leopard and C	Callicoate.	0	0		Hail(1.25)	
Jim Wells County Orange Grove	08	1715CST			0	0		Hail(1.75)	
Jim Wells County Orange Grove	<b>08</b> Power	1715CST lines and poles r	eported blown	down	0	0		Thunderstorm Wind (EG52	2)
San Patricio County 2 E San Patricio	08	1725CST			0	0		Hail(1.75)	
Nueces County 10 NW Corpus Christi	<b>08</b> Repor	1745CST ted by public in C	Calallen.		0	0		Hail(1.75)	
Nueces County 10 NW Corpus Christi	08	1745CST			0	0		Thunderstorm Wind (EG60	))
Nueces County Robstown	08	1755CST 1800CST			0	0		Hail(1.00)	



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number o Persons Killed I	of s njured	Estimated Damage Property Crops	Character of Storm	May 2005
TEXAS, Mid - South									
Aransas County 5 W Rockport	08	1809CST			0	0		Hail(0.75)	
Nueces County Crps Christi Intl Ar	08 Measur	1810CST 1820CST ed at NWS Corpus	Christi Fore	cast Office.	0	0		Hail(1.50)	
Nueces County Crps Christi Intl Ar	08	1812CST			0	0		Thunderstorm Wi	nd (MG52)
Nueces County Corpus Christi	<b>08</b> Reporte	<b>1819CST</b> d at Ada Wilson H	ospital at St	aples and Ca	0 rroll Lane.	0		Hail(1.00)	
Nueces County Corpus Christi	<b>08</b> Reporte	1820CST d NWS employee	at Alameda :	and Airline.	0	0		Hail(1.00)	
Aransas County Rockport	08	1825CST			0	0		Hail(0.75)	
Aransas County Rockport	08	1825CST			0	0		Thunderstorm Win	nd (EG52)
Nueces County Corpus Christi	<b>08</b> Reporte	1825CST d by NWS employ	ee at Everha	rt and Sarato	0 ga.	0		Hail(0.88)	
Nueces County Corpus Christi	<b>08</b> Reporte	1825CST d by NWS employ	ee at Weber	and Saratoga	<b>0</b> 1.	0		Hail(1.00)	
Nueces County Corpus Christi	<b>08</b> Reporte	1825CST 1830CST d in South Corpus	Christi at the	e Lakes Subd	<b>0</b> livision.	0		Hail(1.75)	
Nueces County Corpus Christi	<b>08</b> Reporte	1827CST d by NWS employ	ee near Stap	les and Holly	0	0		Hail(1.25)	
Nueces County Corpus Christi	<b>08</b> Reporte	<b>1828CST</b> d at Cimarron and	Yorktown.		0	0		Hail(1.00)	
Nueces County Corpus Christi	<b>08</b> Reporte	1830CST d by NWS employ	ee at Airline	and Saratog	<b>0</b> a.	0		Hail(1.50)	
Nueces County Corpus Christi	<b>08</b> Reporte	1830CST d by NWS employ	ee at Lipes a	and Staples.	0	0		Hail(1.75)	



Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Numbe Perso Killed	r of ns Injured	Estimated Damage Property Crops	Character of Storm	May 2005				
TEXAS, Mid - South													
Nueces County Corpus Christi	<b>08</b> Report	1835CST ed by NWS empl	oyee at Kings	Crossing su	0 bdivision.	0		Hail(1.00)					
Nueces County Corpus Christi	<b>08</b> Report	1837CST ed at Flour Bluff	Drive and SP	D.	0	0		Hail(1.00)					
Nueces County Corpus Christi	<b>08</b> Report	<b>1840CST</b> ed at Everheart ar	nd Yorktown.		0	0		Hail(1.75)					
	A com northea Escarp Texas	aplex of thunders ast across this are ment of the Hill C through the morn	torms was loo a. Outflow win Country aroun ing hours.	cated over C nds from this d 12Z Sunda	Central Texa s activity left sy morning. T	s early Su a wind sh This outflo	nday morning as an ift boundary across So w boundary continue	upper level disturbat outh-Central Texas ald d to slowly move sour	nce was moving ong the Balcones thward into Sout				
	Anothe system thunde	er upper level dist approached Sou rstorms was locat	turbance was th Texas, add ted from South	moving east litional thun neast Texas t	across North derstorms fo to near San A	nern Mexio rmed alor ntonio by	co and Southwest Te: ng the southward mo late morning	xas during the mornir ving boundary. An e	ng hours. As this xtensive area of				
	The airmass over South Texas became strongly unstable (CAPE values from 2500 rose into the upper 80s over the Coastal Bend to the upper 90s near the Rio Grand the area with readings in the lower 70s along the coast to the upper 60s over the earth of the								2500-3000 J/kg) during the afternoon as temperatures rande. Dewpoint temperatures were also high across e eastern portions of the Rio Grande Plains.				
	With the Bend v Coasta favoral	he approach of th were 25 to 30 mp l Bend and 0-1 ble for the develop	e upper level oh from the ex km Storm Re pment of supe	disturbance, ast-southeast lative Helici rcells.	the shear be during the ity was 200-	came stron latter half 250 m2/s2	nger over South Texa of the afternoon. (0- 2). The atmospheric	s. The surface winds 6 km shear was 50-5 e environment over S	over the Coastal 5 knots over the outh Texas was				
	Scatter hours I norther commu around Rivers portior	ed severe thunder between 330 and rn Live Oak Coun unity of Three Riv 4 PM. Hail up t to near Ray Poin is of Bee County.	rstorms formin 530 PM. An tty around 345 vers. NWS D o the size of nt in east-cen	ng along the intense thur PM. This th oppler radar quarters alor tral Live Oa	boundary m nderstorm de hunderstorm in Corpus C ng with a fur k County. T	noved into the Victoria Crossroads region during the leveloped on the southwest edge of the complex of th n quickly became severe as it organized into a superce Christi showed the development of a hook echo with innel cloud was reported with this storm as it moved The storm weakened by 5 PM as it moved into cer			niddle afternoon inderstorms over Il just east of the nis thunderstorm east from Three ral and southern				
	Anothe produc storm east-so metrop reports thunde Padre I	er severe thunders ed nickel to golf was developing utheast along the solitan area. The were received a rstorm continued (sland National Sec	storm quickly ball sized ha a hook echo Nueces Rive storm moved ranging from its trek to the eashore before	developed of il from Laga o near Laga r into Nuece l into the so quarter to east-southea finally diss	over southern rto to Mathi rto around ss County an uthern section golf ball siz st into extrer ipating arour	Live Oak s between 530 PM. d eventual ons Corpu e with the ne Northea d 9 PM.	County, west of Lak 530 and 600 PM. T This supercell thun ly the western and sc s Christi between 72 e largest hail around ast Kleberg County ar	the Corpus Christi at 5 The NWS Doppler rac derstorm continued buthern portions of th 5 and 740 PM, when 1 2 inches in diamet and the coastal waters of	PM. The storm lar indicated the to move to the e Corpus Christi e numerous hail er. The severe ffshore from the				
	Anothe toward	er severe thunder the coast around	storm develop 715 PM.	bed to the n	orth of this	activity ov	ver Refugio County a	around 545 PM and a	moved southeast				
	The in radar a thunde more s may al	tense supercell th ppearance of a s rstorm appeared t table near-surface so have precluded	nunderstorm, t torm capable to stay far eno e conditions (c d tornado deve	hat formed of producing ugh ahead o cooler tempe clopment wit	west of Lake g a tornado s f the low lev ratures) exist h this superc	e Corpus ( everal tim el circulati ed over th ell.	Christi and eventually tes during its life cyc ion to prevent tornado te Coastal Bend behir	y moved into Corpus le. However, outflow ogenesis from occurrin d the seabreeze boun	Christi, had the winds from the ng. Also, slightly dary. This factor				

Stor	m	Natio Data a	onal Ind U	Wea	ther al We	<b>Se</b> lathe	rvice r Phe	nomena	
Location	Det-	Time Local/	Path Length	Path Width	Numb Pers	er of ons	Estimated Damage	Character Co.	May 2005
TEVAS Mid South	Date	Standard	(Miles)	(Yards)	Killed	Injured	roperty Crop	s Character of Storn	1
<u>1 EAA5, Mid - South</u>									
Webb County 12 S (Lrd)Laredo Intl Ar	14 Count	2025CST ty officials report	ed golf ball si	ze hail in Rio	<b>0</b> Bravo.	0		Hail(1.75)	
Victoria County 7 E Victoria	<b>16</b> Lightr feet in	<b>1900CST</b> ning struck a tank nto the air. The ti	c battery near me of 1900 C	Ragsdale Ros ST was rough	0 ad in eastern aly estimated	0 Victoria C I from medi	ounty. The tan	<b>Lightning</b> k was destroyed and fl	ames were sent 100
Nueces County 5 E Bishop	<b>29</b> Quarte	<b>1613CST</b> er size hail report	ed by Skywar	n spotter at H	<b>0</b> lighway 70 a	<b>0</b> und CR 75.		Hail(1.00)	
Kleberg County Kingsville	29	1644CST			0	0		Hail(0.75)	
Bee County Pettus	29	1730CST			0	0		Hail(1.75)	
Live Oak County Clegg	29	1900CST			0	0		Hail(1.00)	
Nueces County Corpus Christi	<b>29</b> Quarte	2045CST er size hail report	ed by NWS e	mployee at W	0 Veber and Sa	0 ratoga.		Hail(1.00)	
Nueces County Corpus Christi	<b>29</b> Penny	<b>2052CST</b> v size hail reporte	d by trained s	potter at Texa	0 s A&M Cor	<b>0</b> pus Christi.		Hail(0.75)	
Jim Wells County Alice	<b>29</b> Wind suffer destro	<b>2124CST</b> gust to 64 mph ed straight-line v yyed. Over 2000	measured by winds damage Alice custome	ALI ASOS. e, which incluers lost power	0 Several tre uded a large during the s	0 es were up e shed being storm.	<b>20K</b> rooted across th g destroyed alor	<b>Thunderstorm</b> the city. The Alamo Ling with fence and lun	Wind (MG56) umber Co. in Alice aber material being
Nueces County 5 W Robstown	<b>29</b> Telepi	2153CST hone poles were l	blown down n	ear CR 38 an	<b>0</b> d CR 81.	0		Thunderstorm	Wind (EG50)
Kleberg County 2 S Kingsville	<b>29</b> Golf t	2155CST ball size hail was	reported by la	w enforceme	<b>0</b> nt at Highwa	<b>0</b> ay 77 and Fl	M 1717	Hail(1.75)	
	The a inches strong also a Low-l	atmosphere across s by Sunday mor g shortwave troug a 250 millibar jet level wind shear y	s South Texas ning (the 29th th moving acr streak approa was sufficient	s became qui h), providing ross northern ching from th to develop ar	te unstable ample fuel Mexico with ne southwest ad sustain su	on Sunday for convect h several we with south percells.	the 29th. Precipive development eaker vorticity r Texas located s	pitable water had incre tt. The upper-level pa naxima embedded in t somewhat favorably in	eased to around 1.7 ttern consisted of a he flow. There was the left exit region

At 21Z on the 29th, SPC analysis plots showed MUCAPE values of around 5000 J/kg over the southern coastal bend. It was in this area where the first cells developed. An isolated shower over southwestern Nueces County quickly morphed into an HP supercell



		Time	Path	Path	Numbe	er of	Estima	ted		May 2005
		Local/	Length	Width	Perso	ons	Dama	nge		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm	

#### TEXAS, Mid - South

and produced very heavy rainfall and hail to the size of quarters over southern Nueces and northern Kleberg Counties. As the sea-breeze propagated to the west of the storms, the low-level wind backed more to the southeast, increasing the low-level wind shear even further. More storms began to develop to the north and west of the initial development as the main upper-level support began to affect the area and the sea-breeze moved farther inland. These storms quickly became severe and remained more scattered in nature for the next several hours, producing hail to the size of golf balls and very heavy rainfall in excess of 4 inches.

Later in the evening, several cells over the Rio Grande Plains merged together to form a quasi-linear convective system which began to bow out as it approached the city of Alice. The rear-inflow jet was translated to the surface and winds of 64 mph were recorded at the Alice ASOS and wind damage was reported across the city. This line continued to move to the east, producing wind damage from Odem, to Robstown, to Kingsville before finally affecting Corpus Christi and moving into the Gulf of Mexico.