



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2003

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
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### GULF OF MEXICO

GMZ335 1 S West Bay to 9 SW West Bay	Galveston Bay 09	1736CST			0	0			Marine Tstm Wind (MG36)
Measured at Jamaica Beach.									
GMZ355 Galveston	High Is To Freeport Tx Out 20Nm 09	1737CST			0	0			Marine Tstm Wind (MG43)
Measured at KGLS.									
GMZ335 Eagle Point	Galveston Bay 11	1330CST			0	0			Marine Tstm Wind (MG37)
Measured at Eagle Point PORTS.									
GMZ355 Pleasure Pier	High Is To Freeport Tx Out 20Nm 11	1400CST			0	0			Marine Tstm Wind (MG35)
Measured at Pleasure Pier PORTS.									
GMZ350 Freeport	Freeport To Matagorda Ship Chnl Out 20Nm 11	1448CST			0	0			Marine Tstm Wind (MG35)
Measured at Freeport Flow Inflow PORTS.									
GMZ335 Smith Pt	Galveston Bay 21	1900CST			0	0			Marine Tstm Wind (MG42)
Measured at Smith Point (TNRCC/TCEQ).									
GMZ335 Eagle Point	Galveston Bay 21	1924CST			0	0			Marine Tstm Wind (MG41)
Measured at Eagle Point PORTS.									
GMZ355 North Jetty	High Is To Freeport Tx Out 20Nm 21	1930CST			0	0			Marine Tstm Wind (MG46)
Measured at North Jetty PORTS.									
GMZ335 Eagle Point	Galveston Bay 21	1936CST			0	0			Marine Tstm Wind (MG39)
Measured at Eagle Point PORTS.									
GMZ355 North Jetty	High Is To Freeport Tx Out 20Nm 21	1942CST			0	0			Marine Tstm Wind (MG38)
Measured at North Jetty PORTS.									
GMZ355 Pleasure Pier	High Is To Freeport Tx Out 20Nm 21	1942CST			0	0			Marine Tstm Wind (MG36)
Measured at Pleasure Pier PORTS.									
GMZ355 8 SW Galveston	High Is To Freeport Tx Out 20Nm 31	1124CST			0	0			Waterspout
Just off Pirates Beach; dissipated offshore.									

### TEXAS, Central Southeast

Burleson County Snook	08	1445CST			0	0	8K		Thunderstorm Wind (EG58)
Porch destroyed on Highway 60.									
Washington County Brenham	08	1535CST			0	0	4K		Thunderstorm Wind (EG60)
Tree down on FM 389.									
Austin County 6 NE Industry	08	1555CST			0	0	2K		Hail(0.75)



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<b><u>TEXAS, Central Southeast</u></b>									
<b>Colorado County</b>									
Columbus	08	1625CST			0	0	10K		Thunderstorm Wind (EG62)
			Power lines and trees down.						
<b>Harris County</b>									
2 N Spring Vly	08	1800CST			0	0	6K		Hail(1.00)
			Quarter size hail near Spring Branch.						
<b>Harris County</b>									
Crosby	08	1840CST			0	0	2K		Hail(0.75)
<b>Harris County</b>									
Houston	08	1845CST			0	0	2K		Hail(0.75)
			Location was MLK and Calhoun.						
<b>Harris County</b>									
Houston	08	1850CST			0	0	2K		Hail(0.75)
			Location was at Old Spanish Trail and Cullen.						
<b>Harris County</b>									
Houston	08	1850CST			0	0	2K		Hail(0.75)
			Location was at the University of Houston.						
<b>Harris County</b>									
4 SE Alief	08	1905CST			0	0	2K		Hail(0.75)
			Location was at US 59 and the Hardy Toll Road						
<b>Colorado County</b>									
Bernardo	09	1450CST			0	0	9K		Thunderstorm Wind (EG58)
			Trees down and windows blown out of a house.						
<b>Harris County</b>									
2 NNW Bellaire	09	1544CST			0	0	3K		Thunderstorm Wind (EG58)
			Tree down.						
<b>Trinity County</b>									
Groveton	11	1030CST			0	0	6K		Thunderstorm Wind (EG55)
			Tree down at the courthouse.						
<b>Trinity County</b>									
1 S Trinity	11	1040CST			0	0	9K		Thunderstorm Wind (EG60)
			Trees (including a 30 foot tall and 1 foot diameter ash tree) down.						
<b>San Jacinto County</b>									
Pointblank	11	1110CST			0	0	3K		Hail(0.88)
			Nickel size hail.						
<b>Walker County</b>									
Riverside	11	1120CST			0	0	3K		Thunderstorm Wind (EG55)
			Tree down.						
<b>Washington County</b>									
1 N Brenham	11	1245CST			0	0	20K		Thunderstorm Wind (EG57)
			One barn destroyed, two barns damaged and a couple trees down off Old Independence Road.						
<b>Brazoria County</b>									
Danbury	11	1410CST			0	0	3K		Hail(0.75)
<b>Brazos County</b>									
Bryan	11	1505CST			0	0	9K		Thunderstorm Wind (EG57)
			Trees down, power lines down and a small out building and mobile home damaged						
<b>Harris County</b>									
Katy	16	1201CST 1205CST			0	0			Funnel Cloud
			Descending funnel cloud observed.						



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**TEXAS, Central Southeast**

**Liberty County**

<b>Tarkington Prairie</b>	17	1815CST			0	0	4K		<b>Thunderstorm Wind (EG53)</b>
Tree down.									

**San Jacinto County**

<b>9 SW Shepherd</b>	17	1835CST			0	0	4K		<b>Hail(0.75)</b>
Penny size hail at FM 2025 and FM 925.									

**Brazos County**

<b>7 SW Bryan</b>	21	2135CST			0	0	3K		<b>Hail(0.75)</b>
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**Grimes County**

<b>Shiro</b>	27	1753CST			0	0	7K		<b>Thunderstorm Wind (EG52)</b>
Trees down along Highway 30.									

**TXZ200-213>214-237>238 Liberty - Harris - Chambers - Brazoria - Galveston**

<b>30</b>		1100CST			0	0	50K		<b>Tropical Storm</b>
<b>31</b>		2359CST							

The broad circulation of poorly organized Tropical Storm Grace made landfall between Port O'Connor and Freeport on August 31st. Grace was the second tropical cyclone to affect this portion of the Texas coast in less than two months (Hurricane Claudette moved through the Port O'Connor area on July 15th). Grace ended up being a heavy rain producer for portions of the Upper Texas Coast where some flooding was observed. There was no damage due to Grace's winds.

Grace developed from a tropical wave that moved across the Yucatan Peninsula and into the southeastern Gulf of Mexico late on August 29th. Development was inhibited by strong vertical wind shear. On August 30th, the shear lessened and a tropical depression formed about 335 miles east southeast of Corpus Christi. Reports from a ship and a reconnaissance aircraft indicated that the cyclone had strengthened into Tropical Storm Grace later that day. Grace moved in a general northwestward direction and remained poorly organized until it made landfall along the Texas coast between Port O'Connor and Freeport on August 31st. The system continued to move inland and quickly weakened to a depression. Outer rain bands containing heavy rainfall continued to develop near the coast well after Grace had weakened and produced additional heavy rainfall that lead to some flooding.

Heavy rainfall between 6 and 12 inches was observed from extreme eastern Galveston County to across the Bolivar Peninsula and northward into Chambers and portions of Liberty Counties. Some roads were flooded in these areas.

Beach erosion was minor. Water did get up to the dunes but little additional damage was done to the beaches beyond what Hurricane Claudette had already done in July.

There was one waterspout observed in association with Grace just off of Pirates Beach on the west end of Galveston Island. The waterspout dissipated before moving inland.

Some of the higher rainfall amounts (August 30th to August 31st) included 6.89 inches in Seabrook, 6.19 inches in League City, 5.90 inches in Nassau Bay, 4.40 inches in Baytown, 4.21 inches in Pearland, 3.20 inches in Anahuac, 2.72 inches at Houston Hobby Airport and Galveston, and 2.09 inches at Jamaica Beach.

**Galveston County**

<b>League City</b>	31	0100CST 0345CST			0	0	3K		<b>Flash Flood</b>
Street flooding.									



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					Killed	Injured	Property	Crops	

**TEXAS, Central Southeast**

**Harris County**

<b>Pasadena</b>	31	0100CST 0435CST			0	0	3K		<b>Flash Flood</b>
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Flooding in Pasadena.

**Chambers County**

<b>Smith Pt</b>	31	1155CST 1345CST			0	0	3K		<b>Flash Flood</b>
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Roads in Smith Point flooded.

**Chambers County**

<b>Winnie</b>	31	1155CST 1345CST			0	0	3K		<b>Flash Flood</b>
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Portions of Highway 124 flooded.

**Galveston County**

<b>Gilchrist</b>	31	1125CST 1345CST			0	0	3K		<b>Flash Flood</b>
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Portions of Highway 87 on the Bolivar Peninsula impassable.