



National Weather Service

Storm Data and Unusual Weather Phenomena



November 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

| | | | | | | | | | |
|---------------------------|---|--|--|--|---|---|--|--|-------------------------|
| GMZ330 Port O'Connor | Matagorda Bay 01 0500CST Measured at Port O'Connor TCOONS | | | | 0 | 0 | | | Marine Tstm Wind (MG43) |
| GMZ350 4 E Matagorda | Freeport To Matagorda Ship Chnl Out 20Nm 01 0600CST Measured at East Matagorda TCOONS. | | | | 0 | 0 | | | Marine Tstm Wind (MG39) |
| GMZ330 Port O'Connor | Matagorda Bay 02 0400CST Measured at Port O'Connor TCOONS. | | | | 0 | 0 | | | Marine Tstm Wind (MG46) |
| GMZ335 6 SE Texas City | Galveston Bay 02 0600CST Measured at Pier 21 PORTS. | | | | 0 | 0 | | | Marine Tstm Wind (MG34) |
| GMZ355 North Jetty | High Is To Freeport Tx Out 20Nm 02 0600CST Measured at North Jetty PORTS. | | | | 0 | 0 | | | Marine Tstm Wind (MG37) |
| GMZ370 30 SSE Freeport | Freeport To Matagorda Ship Chnl 20 To 60Nm 02 0627CST Measured at an offshore platform. | | | | 0 | 0 | | | Marine Tstm Wind (MG48) |
| GMZ355 14 W Galveston | High Is To Freeport Tx Out 20Nm 23 0947CST Measured at Jamaica Beach. | | | | 0 | 0 | | | Marine Tstm Wind (MG38) |
| GMZ355 Buoy 42035 | High Is To Freeport Tx Out 20Nm 23 2350CST Measured at Buoy 42035. | | | | 0 | 0 | | | Marine Tstm Wind (MG35) |
| GMZ370 Buoy 42019 | Freeport To Matagorda Ship Chnl 20 To 60Nm 24 0100CST Measured at Buoy 42019. | | | | 0 | 0 | | | Marine Tstm Wind (MG41) |
| GMZ355 Pleasure Pier | High Is To Freeport Tx Out 20Nm 27 0206CST Measured at Pleasure Pier PORTS. | | | | 0 | 0 | | | Marine Tstm Wind (MG39) |

TEXAS, Central Southeast

| | | | | | | | | | |
|---------------------------------|--|-----|----|--|---|---|-----|--|--------------|
| Galveston County League City | 02 0245CST 0730CST Widespread street flooding in and around League City. | | | | 0 | 0 | 3K | | Flash Flood |
| Matagorda County Blessing | 02 0302CST 0445CST Water over the roads in the Oak Hollow Subdivision | | | | 0 | 0 | 3K | | Flash Flood |
| Matagorda County Palacios | 02 0445CST 0500CST Flooding in Palacios. | | | | 0 | 0 | 4K | | Flash Flood |
| Harris County Pasadena | 17 0937CST Minor roof and siding damage, fences and tree limbs down along Driftwood and Fairmont Streets. Several billboards along Fairmont Parkway were damaged. | 0.2 | 25 | | 0 | 0 | 40K | | Tornado (F0) |



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TEXAS, Central Southeast

Harris County

| | | | | | | | | | |
|----------------|----|---------|-----|----|---|---|-----|--|---------------------|
| Tomball | 17 | 1525CST | 0.7 | 50 | 0 | 0 | 30K | | Tornado (F0) |
|----------------|----|---------|-----|----|---|---|-----|--|---------------------|

Minor roof damage to Tomball Middle School and one nearby home.
Several large trees uprooted at Hirsch and Turnervine Roads.

San Jacinto County

| | | | | | | | | | |
|------------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| 4 SE Coldspring | 17 | 1825CST 1945CST | | | 0 | 0 | | | Flash Flood |
|------------------------|----|--------------------|--|--|---|---|--|--|--------------------|

FM 222 and Spring Road flooded and impassable.

Polk County

| | | | | | | | | | |
|---------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Moscow | 17 | 1830CST 2115CST | | | 0 | 0 | | | Flash Flood |
|---------------|----|--------------------|--|--|---|---|--|--|--------------------|

Highway 350 exiting Moscow flooded and impassable.

Liberty County

| | | | | | | | | | |
|------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Cleveland | 17 | 1930CST 2115CST | | | 0 | 0 | | | Flash Flood |
|------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Many impassable roads in and around Cleveland.

Harris County

| | | | | | | | | | |
|---------------------|----|---------|-----|----|---|---|-----|--|---------------------|
| 3 WSW Crosby | 17 | 1011CST | 0.2 | 20 | 0 | 0 | 30K | | Tornado (F0) |
|---------------------|----|---------|-----|----|---|---|-----|--|---------------------|

Tornado downed power lines along Sheldon Road and Old Highway 90 (Key Map 418X)

Harris County

| | | | | | | | | | |
|---------------|----|---------|-----|----|---|---|------|--|---------------------|
| Aldine | 17 | 1830CST | 0.5 | 30 | 0 | 0 | 300K | | Tornado (F1) |
|---------------|----|---------|-----|----|---|---|------|--|---------------------|

Tornado traveled NE with damage reported from the High Meadows Subdivision to the intersection of Reality and Otterbury. MacArthur 9th grade school suffered significant damage with westward-facing second story wall collapsing inward, destroying a row of lockers. A 40x40 foot brick facade was ripped from the exterior wall with interior debris littering a nearby soccer field. Several collapsed garage awnings and downed large tree limbs in the High Meadows Subdivision. Two local auto supply stores had damage with their rooftop air conditioning units and satellite dishes blown off

Harris County

| | | | | | | | | | |
|-------------------------------|----|---------|--|--|---|---|--|--|-------------------|
| 3.5 NE Taylor Lake Vlg | 17 | 1100CST | | | 1 | 0 | | | Heavy Rain |
|-------------------------------|----|---------|--|--|---|---|--|--|-------------------|

SUV hit bridge and flipped into local bayou. Witnesses unsuccessfully tried to save occupant.
F?IW

Jackson County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|------|--|--------------------|
| Countywide | 21 | 0216CST 1745CST | | | 0 | 0 | 500K | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|------|--|--------------------|

Widespread major flooding in Edna and Ganado with aerial rescues. Only Ganado's main street passable. 79 homes and businesses received minor or major flood damage with 56 of these facilities in Ganado.

Wharton County

| | | | | | | | | | |
|-------------------|----|--------------------|--|--|---|---|------|--|--------------------|
| Countywide | 21 | 0224CST 1900CST | | | 0 | 0 | 2.1M | | Flash Flood |
|-------------------|----|--------------------|--|--|---|---|------|--|--------------------|

Widespread major flooding with evacuations in Louise with more than 200 El Campo residents being rescued by boat or high-water vehicles. Numerous roads (including two sections of Highway 59 between Wharton and El Campo and between El Campo and the Jackson County line) and bridges were flooded and impassable. Countywide, 59 homes sustained major damage and 225 homes received minor damage.

Austin County

| | | | | | | | | | |
|------------------|----|--------------------|--|--|---|---|--|--|--------------------|
| Bellville | 22 | 0700CST 0845CST | | | 0 | 0 | | | Flash Flood |
|------------------|----|--------------------|--|--|---|---|--|--|--------------------|

Flooding on Highway 36 in Bellville.

Chambers County

| | | | | | | | | | |
|---------------------|----|---------|--|--|---|---|--|--|---------------------|
| Mont Belvieu | 22 | 1155CST | | | 0 | 0 | | | Funnel Cloud |
|---------------------|----|---------|--|--|---|---|--|--|---------------------|



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|---|----------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |
| TEXAS, Central Southeast | | | | | | | | | |
| Harris County | | | | | | | | | |
| Pasadena | 22 | 1230CST | 0.1 | 20 | 0 | 0 | 5.5K | | Tornado (F0) |
| Power pole down at intersection of Red Bluff and Tammer Roads. | | | | | | | | | |
| Harris County | | | | | | | | | |
| South Houston | 22 | 1245CST | | | 0 | 0 | | | Funnel Cloud |
| Funnel sighted between Ellington Field and Deer Park. | | | | | | | | | |
| Waller County | | | | | | | | | |
| Brookshire | 22 | 1325CST | | | 0 | 0 | | | Funnel Cloud |
| Funnel sighted at Interstate 10 and FM 1489. | | | | | | | | | |
| Austin County | | | | | | | | | |
| Bellville | 22 | 1400CST 1745CST | | | 0 | 0 | | | Flash Flood |
| Several roads under water near Bellville. | | | | | | | | | |
| Colorado County | | | | | | | | | |
| Countywide | 22 | 1411CST 1510CST | | | 0 | 0 | | | Flash Flood |
| Several county roads closed due to flooding. | | | | | | | | | |
| Brazos County | | | | | | | | | |
| East Portion | 22 | 1415CST 1715CST | | | 0 | 0 | | | Flash Flood |
| Water covered dozens of roads along and near the Navasota River in rural portions of the county. | | | | | | | | | |
| Harris County | | | | | | | | | |
| Westfield | 22 | 1544CST 1745CST | | | 0 | 0 | 15K | | Flash Flood |
| Flooding reported between the Interstate 45 northbound feeder and FM 1960. Clay Road covered with a foot and a half of water and impassable. | | | | | | | | | |
| Wharton County | | | | | | | | | |
| El Campo | 22 23 | 2130CST 0130CST | | | 0 | 0 | | | Flash Flood |
| Town streets flooded. | | | | | | | | | |
| Harris County | | | | | | | | | |
| Jersey Village | 22 | 1442CST | 0.2 | 20 | 0 | 0 | | | Tornado (F0) |
| Tornado spotted moving NE at 15 mph near Highways 529 and 290. | | | | | | | | | |
| Harris County | | | | | | | | | |
| Houston | 22 | 1553CST | 0.5 | 25 | 0 | 0 | 15K | | Tornado (F0) |
| Tornado was spotted by public who also heard the tornado-associated train sounds at intersection of West Road and West Mont Houston at Interstate 45 North. | | | | | | | | | |
| Fort Bend County | | | | | | | | | |
| 3 SE Clodine | 23 | 0100CST 0300CST | | | 0 | 0 | | | Flash Flood |
| Flooding in Mission Bend Subdivision. | | | | | | | | | |
| Harris County | | | | | | | | | |
| Addicks | 23 | 0100CST 0300CST | | | 0 | 0 | | | Flash Flood |
| Water covered road at Interstate 10 feeder road at Highway 6. | | | | | | | | | |
| Montgomery County | | | | | | | | | |
| 1 E Cut And Shoot | 23 | 1310CST | 0.2 | 20 | 0 | 0 | 40K | | Tornado (F0) |
| Trees and signs down on Highway 105. Building and roof damage to local area flea market and surrounding residences | | | | | | | | | |
| Polk County | | | | | | | | | |
| Lake Livingston Dam | 23 | 1349CST | 0.1 | 15 | 0 | 0 | 5K | | Tornado (F0) |
| Waterspout came ashore on east shore of Lake Livingston | | | | | | | | | |



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TEXAS, Central Southeast

San Jacinto County

1 N Lake Livingston Dam 23 1355CST 0.1 20 0 0 Tornado (F0)
Tornado spotted just north of the dam.

Harris County

Baytown 23 2300CST 0 0 50K Thunderstorm Wind (EG60)
At least 11 trees uprooted across town with damaged traffic light fixtures. Report of trees down on carports with vehicle damage.

Chambers County

Anahuac 23 2315CST 0 0 35K Thunderstorm Wind (EG60)
Tree on carport with damage to two vehicles. Storage building had roof damage. Four power poles on Poskey Road were snapped.

Madison County

Midway 23 1315CST 0 0 10K Hail(1.75)

Washington County

Brenham 23 1440CST 0 0 30K Hail(1.75)

Washington County

Brenham 23 1450CST 0 0 12K Hail(0.75)

Trinity County

12 E Groveton 23 2138CST 0 0 5K Thunderstorm Wind (EG55)
Trees and power lines down in the Trevat area.

Galveston County

Galveston Scholes Fl 23 2303CST 0 0 Thunderstorm Wind (MG52)
Measured at Scholes Field with no damage.

Polk County

3 W Livingston 23 1406CST 0 0 Funnel Cloud
Funnel sighted near the intersection of Highways 190 and 350 near Highway 59.

Houston County

Crockett 23 1420CST 0 0 Hail(0.88)
3/4 to 7/8 inch hail in Crockett.

Washington County

Brenham 23 1420CST 0.1 20 0 0 5K Tornado (F0)
Downed trees with residential and vehicle damage.

Trinity County

4 N Trinity 23 1440CST 0 0 Funnel Cloud

Liberty County

7 SW Liberty 23 1452CST 0.1 20 0 0 Tornado (F0)

Grimes County

Todd Mission 23 1525CST 0.2 25 0 0 Tornado (F0)

Montgomery County

1 N Montgomery 23 1530CST 0.3 25 0 0 5K Tornado (F0)
Reports of a couple of trees down at Highways 1097 and 149.

Montgomery County

Willis 23 1550CST 0.1 20 0 0 Tornado (F0)
One tree down on Highway 1097 in Willis.

Harris County

5 S Spring 23 1608CST 0 0 Funnel Cloud
Sighted between Spring and Intercontinental Airport.



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| | | | | | Killed | Injured | Property | Crops | |
| <u>TEXAS, Central Southeast</u> | | | | | | | | | |
| San Jacinto County | | | | | | | | | |
| 10 SW Coldspring | 23 | 1610CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| | | | Tree down at intersection of Highways 3081 and 725. | | | | | | |
| Montgomery County | | | | | | | | | |
| Willis | 23 | 1615CST | | | 0 | 0 | 8.5K | | Hail(1.50) |
| Grimes County | | | | | | | | | |
| 5 NW Anderson | 23 | 1652CST 2000CST | | | 0 | 0 | | | Flash Flood |
| | | | FM 244 south of Highway 30 closed due to flooding. | | | | | | |
| Walker County | | | | | | | | | |
| 12 NW Huntsville | 23 | 1653CST 2000CST | | | 0 | 0 | | | Flash Flood |
| | | | Road closed due to flooding at intersection of FM 2989 and Interstate 45 feeder road. | | | | | | |
| Trinity County | | | | | | | | | |
| Trinity | 23 | 1730CST 2100CST | | | 0 | 0 | | | Flash Flood |
| | | | FM 2262 at Alabama Creek in Trinity closed due to flooding. | | | | | | |
| Trinity County | | | | | | | | | |
| 4 E Apple Spgs | 23 | 1915CST | | | 0 | 0 | | | Hail(0.88) |
| Burleson County | | | | | | | | | |
| 5 E Caldwell | 23 | 2018CST | | | 0 | 0 | | | Hail(0.75) |
| Washington County | | | | | | | | | |
| 3 NNW Gay Hill | 23 | 2035CST | | | 0 | 0 | | | Hail(0.75) |
| Brazos County | | | | | | | | | |
| Bryan | 23 | 2038CST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG55) |
| | | | Tree down on car. | | | | | | |
| Madison County | | | | | | | | | |
| 7 W Madisonville | 23 | 2038CST | | | 0 | 0 | 10K | | Hail(1.75) |
| Grimes County | | | | | | | | | |
| 4 E Navasota | 23 | 2045CST | | | 0 | 0 | 10K | | Thunderstorm Wind (EG60) |
| | | | Barn destroyed. | | | | | | |
| Jackson County | | | | | | | | | |
| Morales | 23 | 2055CST | | | 0 | 0 | 4.5K | | Thunderstorm Wind (EG55) |
| | | | Tree down on residential home roof. | | | | | | |
| Austin County | | | | | | | | | |
| Cat Spg | 23 | 2112CST | | | 0 | 0 | 5K | | Thunderstorm Wind (EG50) |
| | | | Tree down on home in Cat Spring. | | | | | | |
| Wharton County | | | | | | | | | |
| 5 NW Wharton | 23 | 2120CST | 0.4 | 35 | 0 | 0 | 25K | | Tornado (F0) |
| | | | Four homes were damaged in the Spanish Camp area near the intersection of FM 1161 and FM 640. | | | | | | |
| Waller County | | | | | | | | | |
| Countywide | 23 | 2121CST | | | 0 | 0 | 25K | | Thunderstorm Wind (EG60) |
| | | | Barn damaged in Monaville, power lines snapped in Waller and Hempstead. | | | | | | |
| Trinity County | | | | | | | | | |
| Trinity | 23 | 2125CST | | | 0 | 0 | 10K | | Thunderstorm Wind (EG60) |
| | | | Power line and tree down at intersection of J.B. Price and Evans Roads with part of a barn destroyed. | | | | | | |
| Walker County | | | | | | | | | |
| Crabbs Prairie | 23 | 2125CST | | | 0 | 0 | | | Hail(0.75) |



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| | | | | | Killed | Injured | Property | Crops | |
| TEXAS, Central Southeast | | | | | | | | | |
| Waller County | | | | | | | | | |
| 6 ESE Monaville | 23 | 2125CST | | | 0 | 0 | 20K | | Thunderstorm Wind (EG65) |
| Power poles snapped at intersection of FM 362 and FM 529. | | | | | | | | | |
| Wharton County | | | | | | | | | |
| Glen Flora | 23 | 2130CST | | | 0 | 0 | 15K | | Thunderstorm Wind (EG65) |
| Trees and power lines down, along with damaged barns, in the the towns of Eygpt, Glen Flora, Hungerford, and Wharton | | | | | | | | | |
| Waller County | | | | | | | | | |
| 1 S Hempstead | 23 | 2140CST | | | 0 | 0 | | | Thunderstorm Wind (EG50) |
| Tree down. | | | | | | | | | |
| Montgomery County | | | | | | | | | |
| Countywide | 23 | 2145CST | | | 0 | 0 | 50K | | Thunderstorm Wind (EG60) |
| Numerous trees down across county. | | | | | | | | | |
| Harris County | | | | | | | | | |
| 10 S Cypress | 23 | 2200CST | | | 0 | 0 | 7.5K | | Thunderstorm Wind (EG55) |
| Trees and power lines down at the intersection of FM 529 and Highway 6 | | | | | | | | | |
| Trinity County | | | | | | | | | |
| 5 SE Apple Spgs to 7 SE Apple Spgs | 23 | 2200CST | 2 | 500 | 0 | 0 | 100K | | Tornado (F2) |
| Seven hunters in the Davy Crockett National Forest were stranded and their vehicles severely damaged. Seventy to ninety percent of trees in path felled or damaged. | | | | | | | | | |
| Fort Bend County | | | | | | | | | |
| 8 W Sugarland | 23 | 2205CST | 0.1 | 20 | 0 | 0 | | | Tornado (F0) |
| Tree down. | | | | | | | | | |
| Liberty County | | | | | | | | | |
| Liberty | 23 | 2210CST | | | 0 | 0 | 40K | | Thunderstorm Wind (EG60) |
| Damage to retail store, several cars in parking lot also damaged. | | | | | | | | | |
| Polk County | | | | | | | | | |
| Countywide | 23 | 2210CST | | | 0 | 0 | 20K | | Thunderstorm Wind (EG55) |
| Numerous power lines and trees down. | | | | | | | | | |
| Matagorda County | | | | | | | | | |
| Palacios | 23 | 2220CST | | | 0 | 0 | | | Hail(0.75) |
| Brazoria County | | | | | | | | | |
| Alvin | 23 | 2225CST | | | 0 | 0 | 3K | | Thunderstorm Wind (EG50) |
| Tree down on power line. | | | | | | | | | |
| Harris County | | | | | | | | | |
| Pasadena | 23 | 2235CST | | | 0 | 0 | 10K | | Thunderstorm Wind (EG50) |
| Numerous power lines down. | | | | | | | | | |
| Liberty County | | | | | | | | | |
| Countywide | 23 | 2235CST | | | 0 | 0 | 25K | | Thunderstorm Wind (EG55) |
| Numerous trees down countywide. Metal building damaged along with fire station's communications tower toppled in Cleveland. | | | | | | | | | |
| Galveston County | | | | | | | | | |
| League City | 23 | 2245CST | | | 0 | 0 | 75K | | Thunderstorm Wind (EG60) |
| Windows blown out of residential homes, roof damage, trees, and fences blown down. Power lines and signs also down. | | | | | | | | | |
| Chambers County | | | | | | | | | |
| Winnie | 23 | 2320CST | | | 0 | 0 | 20K | | Thunderstorm Wind (EG55) |
| Restaurant and homes damaged. | | | | | | | | | |



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| | | | | | Killed | Injured | Property | Crops | |

TEXAS, Central Southeast

Polk County

| | | | | | | | | |
|---|-----------|----------------|--|--|----------|----------|------------|---------------------------------|
| 7 WNW Livingston | 27 | 0135CST | | | 0 | 0 | 50K | Thunderstorm Wind (EG55) |
| Building damage with power lines down in the Indian Hills Subdivision along FM 2457 near Lake Livingston. | | | | | | | | |

Montgomery County

| | | | | | | | | |
|----------------------|-----------|----------------|--|--|----------|----------|------------|-------------------|
| The Woodlands | 27 | 0225CST | | | 0 | 0 | 30K | Hail(1.75) |
|----------------------|-----------|----------------|--|--|----------|----------|------------|-------------------|