

## Storm Data and Unusual Weather Phenomena - August 2008

| Location  | Date/Time          | Deaths &<br>Injuries | Property &<br>Crop Dmg | Event Type and Details              |
|---|--------------------|----------------------|------------------------|-------------------------------------|
| <b>GULF OF MEXICO</b>   |                    |                      |                        |                                     |
| <b>GALVESTON BAY COUNTY --- 5.8 NNW EAGLE POINT [29.58, -94.95]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 06:00 CST |                      | 0                      | Marine Thunderstorm Wind (EG 42 kt) |
|   | 08/03/08 06:00 CST |                      | 0                      | Source: Mariner                     |
| Wind gust was relayed to the Coast Guard from a ship.   |                    |                      |                        |                                     |
| <b>GALVESTON BAY COUNTY --- EAGLE POINT [29.50, -94.92]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 06:24 CST |                      | 0                      | Marine Thunderstorm Wind (MG 40 kt) |
|   | 08/03/08 06:24 CST |                      | 0                      | Source: Mesonet                     |
| Wind gust was measured at Eagle Point PORTS.  |                    |                      |                        |                                     |
| <b>GALVESTON BAY COUNTY --- MORGANS POINT [29.68, -94.98]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 06:24 CST |                      | 0                      | Marine Thunderstorm Wind (MG 36 kt) |
|   | 08/03/08 06:24 CST |                      | 0                      | Source: Mesonet                     |
| Wind gust was measured at Morgans Point PORTS.  |                    |                      |                        |                                     |
| <b>HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- NORTH JETTY [29.37, -94.73]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 06:24 CST |                      | 0                      | Marine Thunderstorm Wind (MG 38 kt) |
|   | 08/03/08 06:24 CST |                      | 0                      | Source: Mesonet                     |
| Wind gust was measured at North Jetty PORTS.  |                    |                      |                        |                                     |
| <b>HIGH IS TO FREEPORT TX OUT 20NM COUNTY --- BUOY 42035 [29.23, -94.40]</b>  |                    |                      |                        |                                     |
|   | 08/03/08 06:50 CST |                      | 0                      | Marine Thunderstorm Wind (MG 35 kt) |
|   | 08/03/08 06:50 CST |                      | 0                      | Source: Buoy                        |
| The wind gust was measured at buoy 42035.   |                    |                      |                        |                                     |
| <b>GALVESTON BAY COUNTY --- EAGLE POINT [29.50, -94.92]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 18:24 CST |                      | 0                      | Marine Thunderstorm Wind (MG 43 kt) |
|   | 08/03/08 18:24 CST |                      | 0                      | Source: ASOS                        |
| The wind gust was measured at the Eagle Point PORTS site.   |                    |                      |                        |                                     |
| <b>A series of storms and outflow boundaries originating to the north and northeast of our area moved to the southwest and generated some strong winds across portions of southeast Texas.</b>                      |                    |                      |                        |                                     |
| <b>TEXAS, Central Southeast</b>   |                    |                      |                        |                                     |
| <b>SAN JACINTO COUNTY --- 1.4 ENE OAKHURST [30.74, -95.31]</b>  |                    |                      |                        |                                     |
|   | 08/03/08 14:19 CST |                      | 6K                     | Thunderstorm Wind (EG 53 kt)        |
|   | 08/03/08 14:19 CST |                      | 0                      | Source: Emergency Manager           |
| Thunderstorm winds downed trees and power lines.  |                    |                      |                        |                                     |
| <b>MONTGOMERY COUNTY --- 2.2 SSE CONROE [30.29, -95.44]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 14:54 CST |                      | 40K                    | Thunderstorm Wind (EG 55 kt)        |
|   | 08/03/08 14:54 CST | 1                    | 0                      | Source: Broadcast Media             |
| Thunderstorm winds downed large trees and caused extensive damage to the Lake Wildwood subdivision. Some trees fell on vehicles and homes. A ninety year old man was injured when one of the trees fell on a house. |                    |                      |                        |                                     |
| <b>MONTGOMERY COUNTY --- 0.9 SE GRANGER [30.32, -95.47]</b>   |                    |                      |                        |                                     |
|   | 08/03/08 15:05 CST |                      | 10K                    | Thunderstorm Wind (EG 53 kt)        |
|   | 08/03/08 15:05 CST |                      | 0                      | Source: Law Enforcement             |

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| Thunderstorm winds downed several large trees.   |                    |                   |                     |   |
| <b>POLK COUNTY --- 3.0 ESE LEGGETT [30.81, -94.82]</b>   |                    |                   |                     |   |
|  | 08/03/08 16:42 CST |                   | 8K                  | Thunderstorm Wind (EG 54 kt)                      |
|  | 08/03/08 16:42 CST |                   | 0                   | Source: Law Enforcement                           |
| Thunderstorm winds downed trees and power lines.   |                    |                   |                     |   |
| <b>TRINITY COUNTY --- 1.4 ESE GROVETON [31.06, -95.13]</b>   |                    |                   |                     |   |
|  | 08/03/08 16:55 CST |                   | 8K                  | Thunderstorm Wind (EG 53 kt)                      |
|  | 08/03/08 16:55 CST |                   | 0                   | Source: Law Enforcement                           |
| Thunderstorm winds downed trees and power lines.   |                    |                   |                     |   |
| <b>HOUSTON COUNTY --- 1.2 W LOVELADY [31.13, -95.45]</b>   |                    |                   |                     |   |
|  | 08/03/08 17:45 CST |                   | 8K                  | Thunderstorm Wind (EG 54 kt)                      |
|  | 08/03/08 17:45 CST |                   | 0                   | Source: Law Enforcement                           |
| Thunderstorm winds downed trees and power lines.   |                    |                   |                     |   |
| <b>HOUSTON COUNTY --- GRAPELAND [31.48, -95.47]</b>  |                    |                   |                     |   |
|  | 08/03/08 17:45 CST |                   | 5K                  | Thunderstorm Wind (EG 53 kt)                      |
|  | 08/03/08 17:45 CST |                   | 0                   | Source: Law Enforcement                           |
| Thunderstorm winds downed power lines.   |                    |                   |                     |   |
| <b>CHAMBERS COUNTY --- 0.6 N HANKAMER [29.86, -94.63]</b>  |                    |                   |                     |   |
|  | 08/03/08 17:55 CST |                   | 8K                  | Thunderstorm Wind (EG 52 kt)                      |
|  | 08/03/08 17:55 CST |                   | 0                   | Source: Law Enforcement                           |
| Thunderstorm winds downed trees and power lines north of Interstate 10 across Speights Road.   |                    |                   |                     |   |
| <b>A series of storms and outflow boundaries originating to the north and northeast of our area moved to the southwest and generated some strong winds across portions of southeast Texas.</b>       |                    |                   |                     |   |
| <b>JACKSON COUNTY --- GANADO [29.05, -96.52]</b>   |                    |                   |                     |   |
|  | 08/04/08 17:05 CST |                   | 1K                  | Thunderstorm Wind (EG 52 kt)                      |
|  | 08/04/08 17:05 CST |                   | 0                   | Source: Law Enforcement                           |
| Thunderstorm winds downed a power pole.  |                    |                   |                     |   |
| <b>A late afternoon southwest moving thunderstorm produced some damaging winds.</b>  |                    |                   |                     |   |
| <b>(TX-Z214) CHAMBERS, (TX-Z238) GALVESTON</b>   |                    |                   |                     |   |
|  | 08/05/08 00:30 CST |                   | 0                   | Tropical Storm                                    |
|  | 08/05/08 12:30 CST |                   | 0                   |   |
| <b>(TX-Z238) GALVESTON</b>   |                    |                   |                     |   |
|  | 08/05/08 00:30 CST |                   | 95K                 | Storm Surge/Tide                                  |
|  | 08/05/08 12:30 CST |                   | 0                   |   |
| <b>CHAMBERS COUNTY --- 1.6 WSW HANKAMER [29.84, -94.65], 1.3 WSW HANKAMER [29.84, -94.65], 1.2 WSW HANKAMER [29.84, -94.65], 1.4 SW HANKAMER [29.84, -94.65]</b>                                     |                    |                   |                     |   |
|  | 08/05/08 07:30 CST |                   | 5K                  | Flash Flood (due to Heavy Rain / Tropical System) |
|  | 08/05/08 12:30 CST |                   | 0                   | Source: Emergency Manager                         |
| Interstate 10 was closed near SH 61 due to heavy rains from Tropical Storm Edouard.  |                    |                   |                     |   |
| <b>Tropical Storm Edouard moved ashore along the upper Texas coast between High Island and Sabine Pass in the McFaddin National Wildlife Refuge and produced minimal damage totalling \$100,000.</b> |                    |                   |                     |   |

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Damage from Edouard included minor storm tide flooding along portions of the Bolivar Peninsula (\$95,000) and brief flash flooding along portions of Interstate 10 in Chambers County (\$5,000).

Storm tide damage on the Bolivar Peninsula was confined to the Gilchrist area. Ten single family homes experienced flooding up to eighteen inches deep inside the home. Fifteen single family homes and two mobile homes experienced flooding up to six inches deep inside the home.

Interstate 10 was closed in central Chambers County near State Highway 61 due to Edouard's heavy rainfall estimated to be between 3 and 5 inches.

**BURLESON COUNTY --- 0.5 W DEANVILLE [30.43, -96.76]**

|                    |  |    |                              |
|--------------------|--|----|------------------------------|
| 08/15/08 16:05 CST |  | 5K | Thunderstorm Wind (EG 51 kt) |
| 08/15/08 16:05 CST |  | 0  | Source: Law Enforcement      |

Thunderstorm winds downed trees and power lines along FM 111.

**Colliding outflow boundaries from afternoon showers and thunderstorms produced some wind damage.**

**GALVESTON COUNTY --- 0.7 N TEXAS CITY GULF ARPT [29.41, -94.95]**

|                    |   |   |                   |
|--------------------|---|---|-------------------|
| 08/26/08 12:05 CST |   | 0 | Lightning         |
| 08/26/08 12:05 CST | 1 | 0 | Source: Newspaper |

A nineteen year old male working outside at a construction site was struck and injured by lightning. The victim was taken to a local hospital and later released having suffered only minor injuries.

**A lightning strike from early afternoon showers and thunderstorms injured a man working outside.**

**HARRIS COUNTY --- 1.4 N (EFD)ELLINGTON AFB [29.62, -95.17]**

|                    |  |     |                              |
|--------------------|--|-----|------------------------------|
| 08/26/08 14:05 CST |  | 30K | Thunderstorm Wind (EG 70 kt) |
| 08/26/08 14:05 CST |  | 0   | Source: NWS Storm Survey     |

Downburst winds caused roofing material to be blown off aircraft hanger at Ellington Field. Some of this material landed on 2 nearby parked vehicles with vehicles severely damaged.

**HARRIS COUNTY --- 1.8 SE GOLDEN ACRES [29.65, -95.15]**

|                    |  |     |                   |
|--------------------|--|-----|-------------------|
| 08/26/08 14:20 CST |  | 40K | Lightning         |
| 08/26/08 14:20 CST |  | 0   | Source: Newspaper |

A lightning strike caused a fire that was contained to the attic. There was fire, smoke and water damage to the home.

**Afternoon thunderstorms that developed around the Galveston Bay area produced lightning strikes and damaging downburst winds.**