

# POST TROPICAL CYCLONE REPORT

|                       |                            |
|-----------------------|----------------------------|
| <b>Storm Name</b>     | Bertha                     |
| <b>NWS Office</b>     | Lake Charles, LA           |
| <b>Begin/End Date</b> | 07/21/2026 - 07/24/2026    |
| <b>Fatalities</b>     | 0 - Direct<br>0 - Indirect |
| <b>Tornadoes</b>      | 0                          |

## Event Summary

Tropical Storm Bertha made landfall in southeast Louisiana and hugged the coast as it moved west. Impacts were limited for most of the region, as most of the tropical storm force winds remained offshore. Vermilion Bay saw the highest surge, with values of 3.20 feet above MHHW, leading to road and park closures. No tornadoes were reported with this system.

*NOTE: It is unlikely that the point-based observations provided in this report sampled the peak values for the event.*

## Highest 10 Land Winds (kts)\*

| <i>Station</i>                         | <i>State</i> | <i>Type</i> | <i>Sustained</i> |
|----------------------------------------|--------------|-------------|------------------|
| Grand Chenier                          | LA           | AWOS        | 25               |
| Patterson-Harry P. Williams Memorial   | LA           | AWOS        | 22               |
| Sulphur-Southland Field Airport        | LA           | AWOS        | 22               |
| Sabine                                 | LA           | RAWS        | 22               |
| New Iberia-Acadiana Regional Airport   | LA           | ASOS        | 21               |
| Lake Charles Regional Airport          | LA           | ASOS        | 21               |
| Lafayette Regional Airport             | LA           | ASOS        | 20               |
| Lake Charles-Chenault International Ai | LA           | AWOS        | 20               |
| Port Arthur-Southeast Texas Regional A | TX           | ASOS        | 19               |
| Jennings Airport                       | LA           | AWOS        | 19               |

\* Anemometer heights < 20 m

**Highest 10 Land Gusts (kts)\***

| <i>Station</i>                       | <i>State</i> | <i>Type</i> | <i>Gust</i> |
|--------------------------------------|--------------|-------------|-------------|
| McFadden                             | TX           | RAWS        | 38          |
| Grand Chenier                        | LA           | AWOS        | 37          |
| New Iberia-Acadiana Regional Airport | LA           | ASOS        | 33          |
| Lake Charles Regional Airport        | LA           | ASOS        | 31          |
| Patterson-Harry P. Williams Memorial | LA           | AWOS        | 31          |
| Sabine                               | LA           | RAWS        | 31          |
| Lafayette Regional Airport           | LA           | ASOS        | 29          |
| Sulphur-Southland Field Airport      | LA           | AWOS        | 29          |
| Port Arthur-Southeast Texas Regional | TX           | ASOS        | 27          |
| Berwick                              | LA           | NOS         | 27          |

\* Anemometer heights < 20 m

**Highest 10 Marine Winds (kts)\***

| <i>Station</i>         | <i>Type</i> | <i>Sustained</i> |
|------------------------|-------------|------------------|
| North of Eugene Island | NOS         | 38               |
| Cypremort Point, LA    | USGS        | 33               |
| Freshwater Canal Lock  | NOS         | 31               |
| Calcasieu Pass         | NOS         | 31               |
| Texas Point            | NOS         | 23               |
| Amerada Pass           | NOS         | 15               |
| Port Arthur            | NOS         | 15               |

\* Anemometer heights < 20 m

**Highest 10 Marine Gusts (kts)\***

| <i>Station</i>         | <i>Type</i> | <i>Gust</i> |
|------------------------|-------------|-------------|
| North of Eugene Island | NOS         | 44          |
| Freshwater Canal Lock  | NOS         | 36          |
| Calcasieu Pass         | NOS         | 36          |
| Amerada Pass           | NOS         | 31          |
| Texas Point            | NOS         | 29          |
| Port Arthur            | NOS         | 20          |

\* Anemometer heights < 20 m

**Highest 10 Rainfall Totals**

| <i>Station</i>                            | <i>State</i> | <i>Type</i> | <i>Inches</i> |
|-------------------------------------------|--------------|-------------|---------------|
| McFadden                                  | TX           | RAWS        | 1.72          |
| STAR LAKE @ GIWW                          | TX           | DD6         | 1.28          |
| LABELLE RANCH                             | TX           | DD6         | 1.04          |
| SABINE RANCH                              | TX           | DD6         | 1.03          |
| NEEDMORE DIVERSION SALTWATER BATX         |              | DD6         | 1.00          |
| Port Arthur-Southeast Texas Regional A TX |              | ASOS        | 0.66          |
| Lafayette 5.3 SSW                         | LA           | COCORAHS    | 0.46          |
| Bunkie 0.3 WSW                            | LA           | COCORAHS    | 0.37          |
| VERMILION RIVER AT WOODLAWN               | LA           | USGS        | 0.36          |
| COW BAYOU AT SH 87 NR BRIDGE CITY TX      |              | USGS        | 0.35          |

**Highest NOAA Tide Gage Observations**

| <i>Station</i>             | <i>State</i> | <i>Datum</i> | <i>Water Level (ft)</i> |
|----------------------------|--------------|--------------|-------------------------|
| North of Eugene Island     | LA           | MHHW         | 3.20                    |
| Freshwater Canal Lock      | LA           | MHHW         | 3.02                    |
| Amerada Pass               | LA           | MHHW         | 2.99                    |
| Berwick                    | LA           | MHHW         | 1.63                    |
| Lake Charles Bulk Terminal | LA           | MHHW         | 1.48                    |
| Lake Charles               | LA           | MHHW         | 1.40                    |
| Calcasieu Pass             | LA           | MHHW         | 1.27                    |
| Texas Point                | TX           | MHHW         | 1.01                    |
| Rainbow Bridge             | TX           | MHHW         | 0.95                    |

**Lowest 10 Pressures (MSLP)**

| <i>Station</i>                            | <i>State</i> | <i>Type</i> | <i>Millibars</i> |
|-------------------------------------------|--------------|-------------|------------------|
| Eugene Island 25                          | LA           | AWOS        | 1000.7           |
| Freshwater Canal Lock                     | LA           | NOS         | 1003.2           |
| North of Eugene Island                    | LA           | NOS         | 1004.1           |
| Amerada Pass                              | LA           | NOS         | 1004.2           |
| Patterson-Harry P. Williams Memorial / LA |              | AWOS        | 1005.1           |
| Grand Chenier                             | LA           | AWOS        | 1005.1           |
| Berwick                                   | LA           | NOS         | 1005.1           |
| Abbeville-Chris Crusta Memorial Airpo LA  |              | AWOS        | 1005.4           |
| New Iberia-Acadiana Regional Airport LA   |              | ASOS        | 1005.5           |
| Lafayette Regional Airport                | LA           | ASOS        | 1006.1           |

***Report Last Updated on [MM/DD/YYYY]:***

The following files have been updated: [Insert list of files/data that have been updated. For the initial issuance, all files should be listed.]

[Example: The following files have been updated: Wind and Pressure, Tornadoes, Impact Narratives.]

**Remarks:**

[Include Optional remarks that would be helpful to interpret the data included in the summary PDF. IF there are no remarks, replace with "None" or "N/A.">

[Example: Rainfall data was collected between 12z August 28th and 12z September 3rd due to lingering heavy rainfall as the remnants of Hurricane Ken stalled over the local area.]