

POST TROPICAL CYCLONE REPORT

Storm Name Hurricane Beryl

NWS Office Corpus Christi

Begin/End Date 07/05/2024 - 07/08/2024

Fatalities 0 - Direct
0 - Indirect

Tornadoes 0

Event Summary

Beryl became the earliest category 5 atlantic hurricane on July 1st between the Lesser Antilles and the Dominican Republic. Beryl rapidly weakened to tropical storm strength as it crossed the Yucatan Peninsula moving west-northward, shifting north and east along the Texas Coast on its trajectory persistently until landfall near Matagorda, TX during the early morning hours of July 8th as a category 1 hurricane. Notable impacts were confined to Victoria County and Calhoun County, positioned west of the center of Beryl, where rainfall up to 2.6" fell and winds gusted to hurricane force at Port O'Connor. Large trees and a wooden fence were blown down in eastern Calhoun County. Brief tropical storm force wind gusts were observed with the outer rainbands across the Coastal Bend on July 7th. The Port O'Connor NOS site quickly rose to 3.71' MHHW. As winds wrapped around to the north on the backside of the eyewall, the water levels fell drastically to near -0.5' in a negative surge effect.

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)*

Station	State	Type	Sustained	Gust
Calhoun County	TX	ASOS	29	39
Corpus Christi International	TX	ASOS	27	35
Laguna Shores	TX	WXFLOW	26	33
Matagorda Island	TX	RAWS	24	39
Victoria Regional	TX	ASOS	24	41
Aransas County	TX	ASOS	22	32
Naval Air Stational Corpus Christi	TX	AWOS	22	33
Naval Air Stational Kingsville	TX	AWOS	17	27

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Port O'Connor	TCOON	54	66
Aransas Wildlife Refuge	TCOON	30	36
Port Aransas	C-MAN	30	33
Aransas Pass Sentinel	TCOON C-MA	29	38
Baffin Bay	TCOON	29	37
S. Bird Island	TCOON	27	31
Port Aransas	TCOON	27	32
Seadrift	TCOON	25	40
Packery Channel	TCOON	25	32
2 S Ingleside	NBDC	19	28

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Point Comfort	TX	CO-OP	2.60
Victoria 9.7 ESE	TX	COCORAHS	1.85
Corpus Christi 9.1 NW	TX	COCORAHS	1.24
Calhoun County	TX	ASOS	0.95
Goliad 11.5 N	TX	COCORAHS	0.81
Austwell	TX	CO-OP	0.68
Welder Wildlife Foundation	TX	CO-OP	0.68
Victoria Regional Airport	TX	ASOS	0.55
Corpus Christi 8.7 SSE	TX	COCORAHS	0.43
Robstown 6.2 ENE	TX	COCORAHS	0.35

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Port O'Connor	TX	MHHW	3.71
Matagorda Bay Entrance	TX	MHHW	2.76
Aransas Pass	TX	MHHW	1.54
Viola Turning Basin, TX	TX	MHHW	1.50
Port Aransas	TX	MHHW	1.42
Port Lavaca	TX	MHHW	1.21
Enbridge, Ingleside, TX	TX	MHHW	1.20
La Quinta Channel North	TX	MHHW	1.16
Aransas Wildlife Refuge	TX	MHHW	1.16
Nueces Bay	TX	MHHW	1.14

Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Port O'Connor	TX	TCOON	992.2
Aransas Wildlife Refuge	TX	TCOON	998.9
Victoria Regional	TX	ASOS	1001.2
Aransas Pass Sentinel	TX	TCOON C-MA	1001.6
Aransas County	TX	ASOS	1002.0
Port Aransas	TX	TCOON	1002.1
2 S Ingleside	TX	NBDC	1002.4
Packery Channel	TX	TCOON	1002.8
S. Bird Island	TX	TCOON	1003.2
Naval Air Stational Corpus Christi	TX	AWOS	1003.8

Report Last Updated on 07/14/2024:

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

07/14/2024 Udate: Added min pressure and wind direction observations