

POST TROPICAL CYCLONE REPORT

Storm Name	Hurricane Beryl
NWS Office	Lake Charles, LA
Begin/End Date	07/07/2024 - 07/09/2024
Fatalities	0 - Direct 0 - Indirect
Tornadoes	1

Event Summary

Hurricane Beryl made landfall near Mategorda, Texas around 4 AM CDT July 8th with maximum sustained winds of 80 mph and a minimum central pressure of 979 millibars. After landfall, Hurricane Beryl began to move north northeast, only slowly weakening the next several hours. Beryl weakened to a tropical storm just northwest of Houston, with further weakening as it traveled northeast across East Texas. Sustained tropical storm force winds occurred across the coastal waters from Cameron westward to High Island, and across Jefferson county in Southeast Texas. Moderate storm surge flooding occurred along Coastal Cameron Parish across Southwest Louisiana, and Coastal Jefferson County across Southeast Texas. Further Inland, minor storm surge flooding occurred along the shoreline of Calcasieu Lake and up the Calcasieu river in Lake Charles, and Sabine Lake near Port Arthur, Texas. Three to 6 inches of rainfall occurred across Souteast Texas, with 2 inches or less across Central and Southern Louisiana. One EF2 tornado was reported in Jasper, Texas injuring one person.

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>	<i>Gust</i>
Port Arthur-Southeast Texas Regional A	TX	ASOS	36	53
Lake Charles Regional Airport	LA	ASOS	31	44
Grand Chenier	LA	AWOS	29	38
Sulphur-Southland Field Airport	LA	AWOS	27	38
Beaumont Municipal Airport	TX	AWOS	27	39
Fort Johnson-Army Base	LA	AWOS	25	42
New Iberia-Acadiana Regional Airport	LA	ASOS	24	33
Alexandria International Airport	LA	ASOS	24	35
Lake Charles-Chenault International Ai	LA	AWOS	24	37
De Ridder-Beauregard Regional Airport	LA	AWOS	23	34

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Texas Point	NOS	48	61
Calcasieu Pass	NOS	38	47
North of Eugene Island	NOS	31	39
Port Arthur	NOS	26	40
Freshwater Canal Lock	NOS	23	31
Amerada Pass	NOS	13	22

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Colmesneil 2.6 SSE	TX	COCORAHS	6.00
Mcfaddin	TX	RAWS	5.89
Woodville 6.1 S	TX	COCORAHS	5.75
Fred 0.3 S	TX	COCORAHS	5.53
Chester 1.1 ESE	TX	COCORAHS	5.40
Woodville 5.3 WSW	TX	COCORAHS	5.36
Woodville 7.2 S	TX	COCORAHS	4.84
Jasper	TX	COOP	4.66
Beaumont 1.8 NNW	TX	COCORAHS	4.62
Woodville	TX	RAWS	4.62

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Rainbow Bridge	TX	MHHW	3.12
Texas Point	TX	MHHW	3.12
Freshwater Canal Lock	LA	MHHW	3.02
Lake Charles Bulk Terminal	LA	MHHW	2.72
Lake Charles	LA	MHHW	2.54
Calcasieu Pass	LA	MHHW	2.29
Amerada Pass	LA	MHHW	1.80
North of Eugene Island	LA	MHHW	1.80
Berwick	LA	MHHW	0.71

Lowest 10 Pressures (MSLP)

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Texas Point	TX	NOS	1005.3
Port Arthur-Southeast Texas Regional A	TX	ASOS	1005.4
Port Arthur	TX	NOS	1005.6
Beaumont Municipal Airport	TX	AWOS	1005.8
Fort Johnson-Army Base	LA	AWOS	1006.3
De Ridder-Beauregard Regional Airport	LA	AWOS	1007.1
Alexandria International Airport	LA	ASOS	1007.8
Alexandria Esler Field	LA	ASOS	1007.8
De Quincy Industrial Airpark	LA	AWOS	1008.1
Oakdale-Allen Parish Airport	LA	AWOS	1008.1

Report Last Updated on 08/09/2024:

The following files have been updated: Rainfall (Re-checked & added Co-op observations totals after July 2024 month was verified and closed. Removed stations no longer reporting).