

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Tropical Storm Alberto
<b>NWS Office</b>	Corpus Christi
<b>Begin/End Date</b>	06/18/2024 - 06/21/2024
<b>Fatalities</b>	0 - Direct 0 - Indirect
<b>Tornadoes</b>	2

## Event Summary

Tropical Storm Alberto was a very broad and unorganized storm that developed across the Southwestern Gulf of Mexico. Alberto eventually made landfall between the hours of 4-7 AM on June 20, 2024 near Tampico, Mexico. The system brought a variety of hazards to the region, including storm surge, heavy rains, strong winds, and a couple isolated tornadoes. Significant coastal flooding, around 3 to 3.5 feet of inundation, was observed along the Middle Texas coast as well as within the bays and waterways from Baffin Bay to Matagorda Bay. Several bands of heavy rain spread inland through the event. Rainfall totals range from 3 to 8 inches across the Coastal Bend with generally 2 to 5 inches across the Coastal Plains and Brush Country. Isolated amounts exceeding 10" were observed near Rockport. Gusty winds accompanied the rainbands with frequent gusts to tropical storm force found over the Gulf waters and along the coast. Lastly, a survey team found evidence of two EF0 tornadoes in Rockport.

*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
Laguna Shores	TX	WXFLOW	32	41
Corpus Christi HurrNet	TX	WXFLOW	30	40
Corpus Christi International	TX	ASOS	29	43
Naval Air Stational Corpus Christi	TX	AWOS	29	43
Naval Air Stational Kingsville	TX	AWOS	28	36
Mustang Beach	TX	AWOS	28	38
Aransas County	TX	ASOS	27	40
Nueces County	TX	AWOS	25	32
Calhoun County	TX	ASOS	24	29
Matagorda Island	TX	RAWS	23	38

\* Anemometer heights < 20 m

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

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Aransas Pass Sentinel	TCOON C-MA	37	42
Port Aransas	C-MAN	35	43
Packery Channel	TCOON	34	42
Port Aransas	TCOON	32	40
Port O'Connor	TCOON	31	39
S. Bird Island	TCOON	30	41
2 S Ingleside	NBDC	30	37
Aransas Wildlife Refuge	TCOON	28	43
Rockport	NOS	27	40
Baffin Bay	TCOON	27	47

\* Anemometer heights < 20 m

### Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Lamar	TX	PWS	10.50
Rockport 3.0 NNW	TX	COCORAHS	9.06
Robstown 4.9 NNW	TX	COCORAHS	7.82
Rockport	TX	CO-OP	7.58
Woodsboro 7.6 SSE	TX	COCORAHS	7.57
Rockport 8.0 NNE	TX	COCORAHS	7.48
Rockport 0.8 WNW	TX	COCORAHS	7.36
Alice 7.9W	TX	COCORAHS	7.31
Robstown 6.2 ENE	TX	COCORAHS	6.91
Rockport 4.4 SW	TX	COCORAHS	6.66

### Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Port Lavaca	TX	MHHW	3.45
USS Lexington	TX	MHHW	3.43
Aransas Wildlife Refuge	TX	MHHW	3.31
Port Aransas	TX	MHHW	3.27
Seadrift	TX	MHHW	3.22
Port O'Connor	TX	MHHW	3.20
Rockport	TX	MHHW	3.20
Nueces Bay	TX	MHHW	3.20
Aransas Pass	TX	MHHW	3.13
Matagorda Bay Entrance	TX	MHHW	3.07

### **Lowest 10 Pressures**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Corpus Christi International	TX	ASOS	1006.4
Naval Air Stational Corpus Christi	TX	AWOS	1006.4
Naval Air Stational Kingsville	TX	AWOS	1006.7
Aransas County	TX	ASOS	1006.8
Nueces County	TX	AWOS	1006.8
Alice International	TX	ASOS	1007.1
Mustang Beach	TX	AWOS	1007.1
Beeville Municipal	TX	ASOS	1008.4
Calhoun County	TX	ASOS	1008.4
Victoria Regional	TX	ASOS	1008.8

***Report Last Updated on 06/23/2024***

All sections were initially updated on 6/21