

POST TROPICAL CYCLONE REPORT

Storm Name	Tropical Storm Harold
NWS Office	Houston/Galveston
Begin/End Date	08/22/2023 - 08/22/2023
Fatalities	0 - Direct 0 - Indirect
Tornadoes	0

Event Summary

Tropical Storm Harold made landfall on Padre Island on the morning of August 22, 2023. Matagorda Bay, Coastal Jackson and Matagorda Counties experienced some wind gusts above tropical storm force in part due to the landfalling tropical cyclone but also due to high pressure positioned to the north. Rainfall amounts were mainly less than an inch and storm surge was modest. The storm had no significant impact to those counties according to emergency managers.

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>
Palacios Municipal Airport	TX	ASOS	29	40
Galveston Scholes Field	TX	ASOS	26	35
Clear Lake Park	TX	Mesonet	22	34
Texas Gulf Coast Regional Airport	TX	ASOS	18	33
Conroe-North Houston Regional Airpor	TX	ASOS	15	36

* Anemometer heights < 20 m

Highest 10 Marine Winds (kts)*

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Freeport SPIP	NDBC	31.1	41
Surfside Beach	Mesonet	30	44
Galveston Bay Entrance (North Jetty)	NDBC	28.8	42
Matagorda Bay	Mesonet	27	33
Port O'Connor	NDBC	27	35
Galveston Fishing Pier	Mesonet	26	37

* Anemometer heights < 20 m

Highest 10 Rainfall Totals

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Fulshear	TX	Mesonet	2.25
8.5 N Katy	TX	Mesonet	1.09
Huntsville	TX	Mesonet	0.99
Alvin	TX	Mesonet	0.91
Texas City	TX	Mesonet	0.88
League City	TX	Mesonet	0.82
San Leon	TX	Mesonet	0.57
West Columbia 2.5 ENE	TX	Cocorahs	0.50
1 E Freeport	TX	Mesonet	0.47
2.0 SW Friendswood	tx	Mesonet	0.44

Highest NOAA Tide Gage Observations

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Freeport Harbor	TX	MHHW	1.49
Port O'Connor	TX	MHHW	1.37
Matagorda City	TX	MHHW	1.11

Lowest 10 Pressures

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Surfside Beach	TX	Mesonet	1011.0
Port O'Connor	TX	NDBC	1011.0
Freeport SPIP	TX	NDBC	1011.0
Palacios Municipal Airport	TX	ASOS	1012.0
Galveston Bay Entrance (North Jetty)	TX	NDBC	1012.0
Matagorda Bay	TX	Mesonet	1012.0
Texas Gulf Coast Regional Airport	TX	ASOS	1013.0
Galveston Scholes Field	TX	ASOS	1013.0
Galveston Fishing Pier	TX	Mesonet	1013.0
Conroe-North Houston Regional Airpor	TX	ASOS	1014.0

Report Last Updated on 08/30/2023:

Wind and pressure data updated with additional sites.