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**From:** Ted Daniels  
**Sent:** Tuesday, August 22, 2023 6:27 AM  
**To:** Arnoldo Cantu; Dora Paiz  
**Subject:** FW: Tropical Storm Harold Update | 4 AM August 22, 2023

FYI

TED

Sent from [Mail](#) for Windows

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**From:** [NWS Corpus Christi](#)  
**Sent:** Tuesday, August 22, 2023 4:24 AM  
**To:** [Timothy Humphrey - NOAA Federal](#)  
**Subject:** Tropical Storm Harold Update | 4 AM August 22, 2023



Good Morning South Texas partners,

**...Tropical Storm Warnings Remain In Effect...**

**...Coastal Flood Warning Remains In Effect...**

**...High Risk of Rip Currents...**

Here is the latest information as of 4 AM concerning Tropical Storm Harold

### What's New?

- Tropical Depression Nine has strengthened into Tropical Storm Harold

### Summary of Information as of 4 AM

**...Tropical Storm Warning from the mouth of the Rio Grande to Port O'Connor...**

**...Coastal Flood Warning...**

**...Wind Advisory Rio Grande Plains...**

**Location: 25.8 N 95.1 W or 186 miles from Port Aransas**  
**Maximum Sustained Winds: 45 MPH with gusts to 58 MPH**

**Present Movement: West-Northwest at 18 MPH**  
**Minimum Central Pressure: 1004 mb**



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### Forecast:

Tropical Storm Harold is forecast to move inland this morning and is expected to weaken as it tracks westward across South Texas toward the Rio Grande this afternoon. Rainbands will move inland through the morning and be capable of producing tropical storm force wind gusts, heavy rainfall, and brief tornadoes. Along area beaches, storm surge is expected to produce Moderate coastal flooding with the potential for water to reach the dunes and beach access roads. There is also a high risk for rip currents as large swells reach the Texas coast.

### South Texas Impacts:

*See impacts graphic below for areal indicator on where highest impacts are expected.*

**Winds:** Sustained winds of 40-50 MPH with gusts up to 60-70 MPH.

#### Elevated

- Damage to porches, awnings, carports, sheds, and unanchored mobile homes. Unsecured lightweight objects blown about.
- Many large tree limbs broken off. A few trees snapped or uprooted, but with greater numbers in places where trees are shallow rooted. Some fences and roadway signs blown over.
- A few roads impassable from debris, particularly within urban or heavily wooded places. Hazardous driving conditions on bridges and other elevated roadways.

- Scattered power and communications outages.

**Storm Surge/Coastal Flooding:** Storm surge of 1-3 feet of beach inundation is expected on Tuesday.

**Elevated**

- Localized inundation with storm surge flooding mainly along immediate shorelines and in low-lying spots, or in areas farther inland near where higher surge waters move ashore.
- Sections of near-shore roads and parking lots become overspread with surge water. Driving conditions dangerous in places where surge water covers the road.
- Moderate beach erosion. Heavy surf also breaching dunes, mainly in usually vulnerable locations. Strong rip currents.
- Minor to locally moderate damage to marinas, docks, boardwalks, and piers. A few small craft broken away from moorings.

**Rainfall:** 3-5 inches of rain is expected with isolated amounts to 7 inches possible through this afternoon.

**Elevated**

- Localized rainfall flooding may prompt a few evacuations.
- Rivers and tributaries may quickly rise with swifter currents. Small streams, creeks, canals, and ditches may become swollen and overflow in spots.
- Flood waters can enter a few structures, especially in usually vulnerable spots. A few places where rapid ponding of water occurs at underpasses, low-lying spots, and poor drainage areas. Several storm drains and retention ponds become near-full and begin to overflow. Some brief road and bridge closures.

**Tornadoes:** There is a low chance for a couple of tornadoes across South Texas through this afternoon.

**Elevated**

- The occurrence of isolated tornadoes can hinder the execution of emergency plans during tropical events.
- A few places may experience tornado damage, along with power and communications disruptions.
- Locations could realize roofs peeled off buildings, chimneys toppled, mobile homes pushed off foundations or overturned, large tree tops and branches snapped off, shallow-rooted trees knocked over, moving vehicles blown off roads, and small boats pulled from moorings.

**Tropical Threats and Impacts**  
 Tropical Depression 9  
 Weather Forecast Office  
 Corpus Christi, TX  
 Issued August 22, 2023 4:11 AM CDT

**Be safe and prepare for these potential conditions**

Flooding Rain Threat	Storm Surge Threat	Wind Threat	Tornado Threat
<ul style="list-style-type: none"> <li>Localized flooding possible, especially in urban areas.</li> </ul>	<ul style="list-style-type: none"> <li>Localized inundation from moderate coastal flooding mainly along the immediate coast and in low lying areas.</li> </ul>	<ul style="list-style-type: none"> <li>Scattered power and communications outages.</li> <li>Many large tree limbs broken. Trees may be uprooted.</li> </ul>	<ul style="list-style-type: none"> <li>Isolated tornadoes possible.</li> </ul>

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For additional information, see the “Threats and Impacts” sections tab [here](#).

### Forecaster Considerations

Confidence is relatively high in the coastal impacts from this storm across South Texas. The main uncertainty in the forecast is where the isolated heavier rainfall totals are most likely to occur. However, given the dry soil will be able to absorb a lot of water, isolated to scattered flash flooding will be most likely in urban areas or typical low spots.

**Tropical Storm Warning**  
 Damaging Winds | Heavy Rainfall | Coastal Flooding  
 Weather Forecast Office  
 Corpus Christi, TX  
 Issued Aug 21, 2023 10:44 PM CDT

**Tropical Storm Warning**  
*In Effect through Wednesday Afternoon*

- Winds 40-50 MPH with gusts to 60-70 MPH
- Prepare for power outages across South Texas

**Wind Advisory**  
*In effect Noon to 7 PM Tuesday*

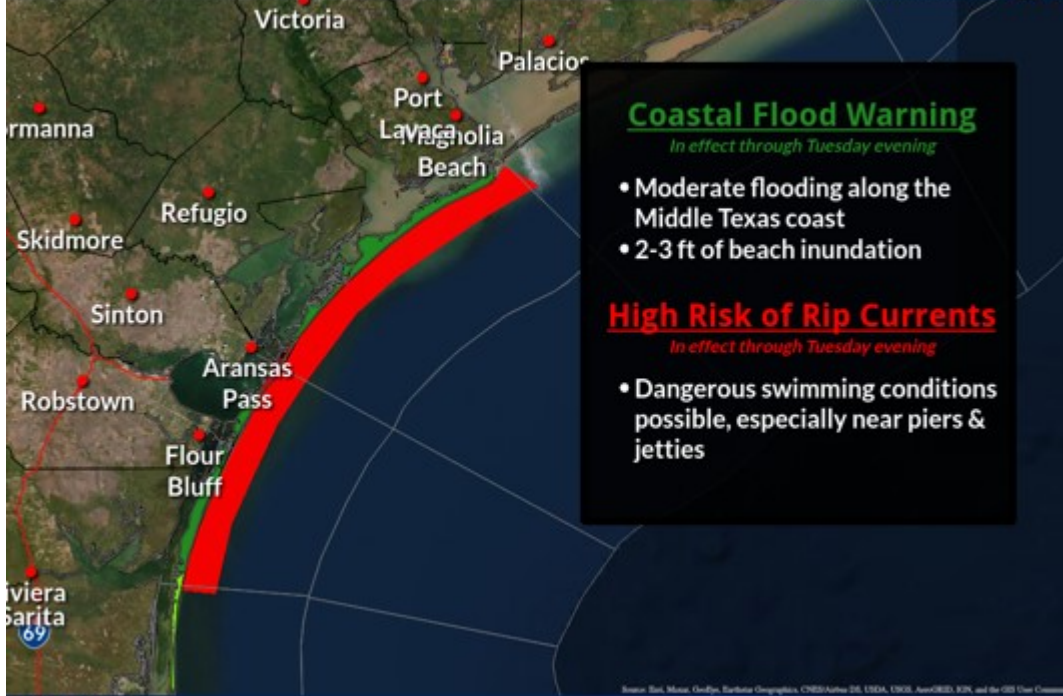
- Winds 25 to 30 mph with gusts to 45 MPH
- Gusty winds could blow around unsecured objects.

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# Hazardous Beach Conditions

Beach Roads Impassable | Water Reaching the Dunes

Weather Forecast Office  
Corpus Christi, TX  
Issued Aug 21, 2023 11:53 PM CDT



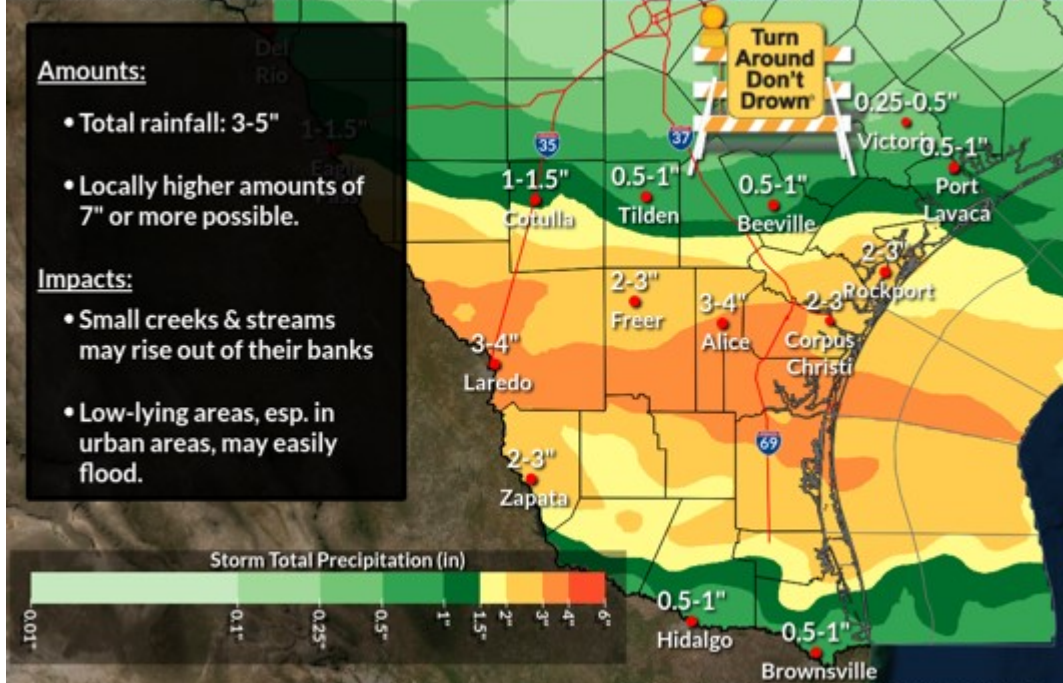
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# Expected Rainfall Through Wednesday

Heavy Rainfall | Localized Flooding Possible

Weather Forecast Office  
Corpus Christi, TX  
Issued Aug 22, 2023 12:05 AM CDT



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**Next Update:**

By 1030 AM, or as conditions warrant.

Additional Resources		
Contact us anytime (24/7)	361-289-0959	888-579-9731
<a href="#">NWS Corpus Christi Webpage</a>	<a href="#">Local Tropical Webpage</a>	<a href="#">National Hurricane Center</a>
<a href="#">Hurricane Safety</a>	<a href="#">Flood Safety</a>	<a href="#">Wind Safety</a>
<a href="#">Email Us</a>	<a href="#">Twitter</a>	<a href="#">Facebook</a>

Sincerely,

NWS Corpus Christi, TX

[Register](#) to become a Weather-Ready Nation Ambassador Today!

