POTENTIAL TROPICAL CYCLONE 4 BRIEFING

10:30 AM CT
Saturday, August 20, 2022

What has changed: System struggling to organize; impacts reduced
Next Briefing: Saturday, 4 and 430 PM

Disclaimer: The information contained within is time-sensitive. Do not use after 4 pm Saturday (Aug. 20).
System remains sheared and disorganized, with northerly shear pushing stronger storms into the southern semicircle over the Gulf.

Confidence has increased on lower intensity and lesser overall impacts to the lower Rio Grande Valley.

**Tropical Storm Warnings** remain in effect for Cameron/Willacy/southern Hidalgo County and the Lower Texas Gulf waters from Port Mansfield to the Mouth of the Rio Grande Out 20 nautical miles – but these may be cancelled later today.

Track of the cyclone brings it across northeastern Tamaulipas late this afternoon or early evening.

Primary impact timing: **This afternoon and evening**

Primary impacts should be felt across the Lower Texas Gulf waters and in Cameron and Willacy Counties. In order, these include:

- Locally heavy rainfall and potential minor flooding
- Gusty winds 35 to 40 mph in stronger cells or small bands, especially east of IH69E
- Stiff south to north longshore current at South Padre Island
Potential rainfall: 1-2 inches, locally 3 inches, mainly east of IH-69E (Cameron-Kenedy); less farther west. Sea breeze enhanced storms Saturday and Sunday afternoon could drop 2” rainfall in an hour between IH-69C and IH-69E. Most of the rain will fall in isolated to scattered showers/storms rather than steady bands. Minor flooding is likely in poor drainage locations underneath these cells.

Gusty winds 40 mph in stronger cells or localized bands mainly along/east of IH-69E in Cameron/Willacy could cause minor damage to unfastened items and cause difficult driving. Outside of rain, winds will be 10 to 20 mph by day; 5 to 10 mph at night.

Tropical storm force gusts possible across the Gulf and Laguna Madre from Port Mansfield in clusters or bands will make boating dangerous through this evening.

South to north longshore currents will continue into Sunday at area beaches. Embedded rips are possible.

Forecast Confidence:

Confidence is **high** on track and timing.
Confidence **has risen to medium-high** on intensity and location of impacts.
Increasing Threat

For information on specific hazards in this area, please go to https://www.weather.gov/srh/tropical?office=bro

Mainly Cameron and Willacy County

Threat Levels

Potential Tropical Cyclone 4

Wind
Surge
Rainfall/Flash Flooding
River Flooding
Tornadoes
Marine

Last Updated: 8/20/2022 11:14 AM
National Weather Service – Brownsville/Rio Grande Valley
- Fast moving system will be onshore before sunset today

- Best chances for heavier rain and stronger winds are on the east side of the track, but more “typical” late summer isolated to scattered showers/storms can be expected each day, favoring locations east of IH-69C

- Fair weather will be dominant most of the time tonight and Sunday.
Rain is not expected to be “continuous”; when not raining, daytime winds 10-20 mph (from the southeast); nighttime winds 5 to 10 mph except a little higher on the beach.

Wind gusts of 40 mph in stronger bands could reach southern Hidalgo, hence the additional warning there…but confidence is low.
In areas where stronger cells of bands to not occur, rainfall should be less than 0.25”

Overnight, rainfall is now expected to be less, with possible exception along the immediate coast (Barrier Islands to Laguna Madre)

Leftover moisture could induce isolated/scattered late Sunday morning-mid afternoon storms mainly between IH-69C and IH-69E
Next Briefing:
Saturday between 4:30 and 5 PM Aug. 20
Method: Email

For the latest graphics and information go to: [www.hurricanes.gov](http://www.hurricanes.gov) or [https://www.weather.gov/srh/tropical?office=bro](https://www.weather.gov/srh/tropical?office=bro)