

4 AM Update Tropical Storm Beryl - July 7, 2024

NWS Corpus Christi <sr-crp.awareness@noaa.gov>

Sun 7/7/2024 4:59 AM

To:John Metz - NOAA Federal <john.metz@noaa.gov>



Good Morning South Texas partners,

**...HURRICANE AND STORM SURGE WARNINGS REMAIN IN EFFECT FOR THE MIDDLE TEXAS COAST...**

**...TROPICAL STORM WARNINGS REMAIN IN EFFECT FOR INLAND KLEBERG, INLAND NUECES, INLAND SAN PATRICIO, BEE AND GOLIAD COUNTIES...**

**...FLOOD WATCH VICTORIA CROSSROADS FROM 1 AM MONDAY THROUGH 7 PM MONDAY...**

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

### **What's New?**

- Forecast track has shifted farther to the east
- Forecast rainfall amounts have decreased for much of the region
- However, no change to existing watches or warnings along the mid coast

### **Summary of Information as of 4 AM CDT**

Location: 25.3 | 94.6 W or about 245 miles SE of Matagorda TX

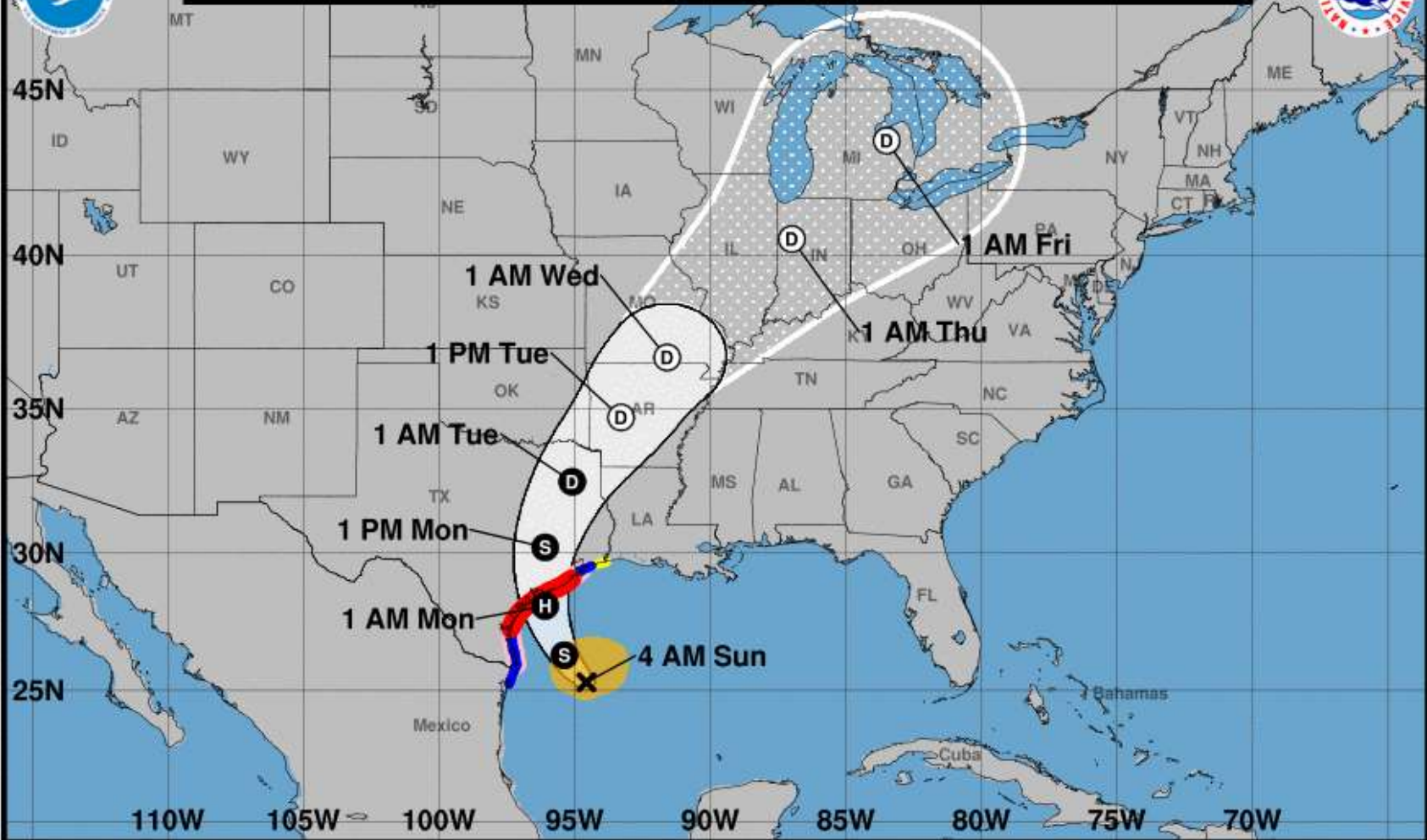
Maximum Sustained Winds: 60 mph

Present Movement: NW at 12 mph

Minimum Central Pressure: 995 MB



**Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.**



**Tropical Storm Beryl**  
 Sunday July 07, 2024  
 4 AM CDT Advisory 35  
 NWS National Hurricane Center

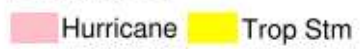
**Current information: x**  
 Center location 25.3 N 94.6 W  
 Maximum sustained wind 60 mph  
 Movement NW at 12 mph

**Forecast positions:**  
 ● Tropical Cyclone ○ Post/Potential TC  
 Sustained winds: D < 39 mph  
 S 39-73 mph H 74-110 mph M > 110 mph

**Potential track area:**



**Watches:**



**Warnings:**



**Current wind field estimate:**



## **Forecast:**

Beryl continues to move northwest at 12 mph over the western Gulf waters early this morning and will gradually turn to the north as it approaches the Texas Coast tonight into Monday. Beryl is still forecast to strengthen to hurricane status before making landfall Monday morning. There is some concern Beryl could undergo rapid intensification right before landfall. Thus, we are still messaging folks should plan for a Category 2 hurricane. Guidance continues to show an eastward shift in the track, and this is reflected in the latest NHC forecast. Beryl is now most likely to make landfall over the Mid to Upper Texas Coast. Beryl remains compact in size with tropical storm force winds currently extending up to 125 miles northeast from its center.

Outer rainbands will be moving into the coastal waters of the Mid Texas coast this morning and with tropical storm force winds reaching the coastal areas by this evening. Conditions will continue to deteriorate overnight as Beryl moves into the area. Beryl is then forecast to move northward into southeast Texas Monday afternoon, reaching northeast Texas Monday Night while weakening to a tropical depression.

## **South Texas Impacts:**

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



# Wind Threat - Significant

Tropical Storm Beryl

July 7, 2024

4:23 AM

Be Safe And Prepare For These Potential Conditions



- Considerable roof and some structural damage to sturdy buildings.
- Mobile homes severely damaged, some destroyed



- Many large trees snapped / uprooted.
- Debris makes some roads impassable.
- Several bridges, causeways, and access routes impassable.



Large areas with power and communications outages.



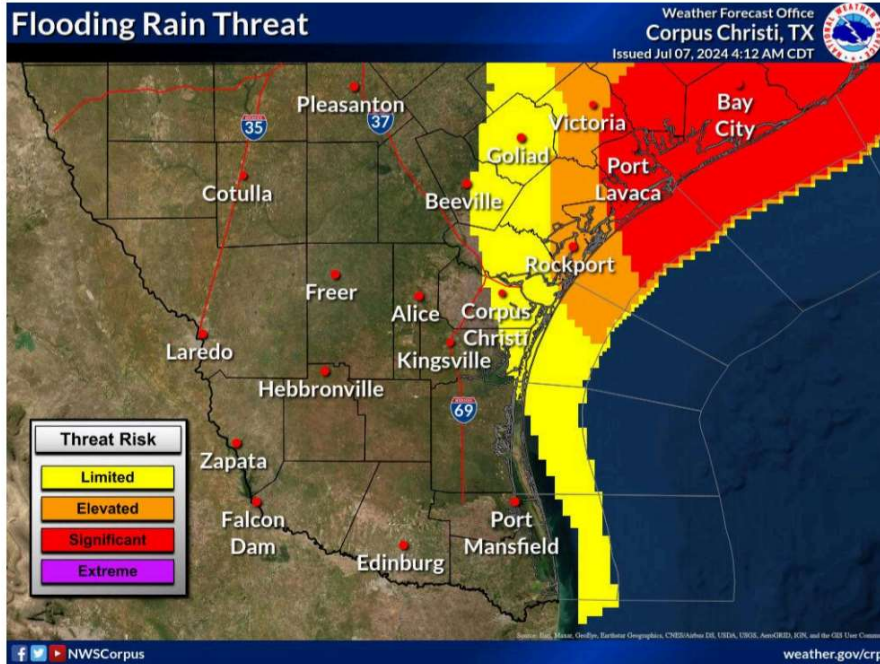
# Flooding Rain Threat - Significant

July 7, 2024

4:23 AM

Tropical Storm Beryl

Be Safe And Prepare For These Potential Conditions



Major flooding from heavy rain may prompt...

- Many evacuations
- Multiple rescues



- Rivers & streams may quickly overflow *in multiple places*.
- Streams, canals, and ditches may become dangerous rivers.



- Flooding can enter many structures.
- Dangerous driving conditions.
- Many roads/bridges closed, some weakened/washed out.



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Corpus Christi, TX



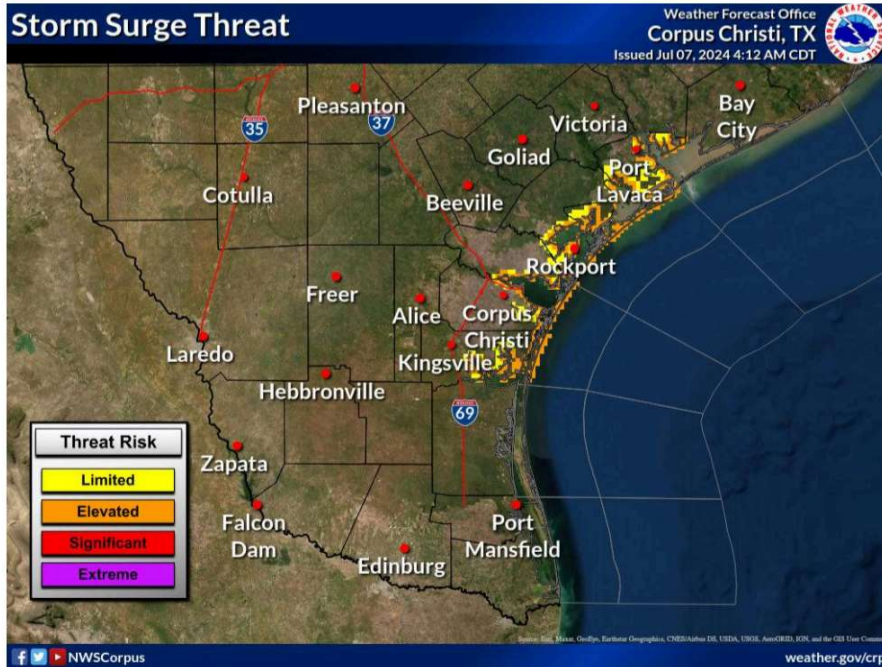
# Storm Surge Threat - Elevated

July 7, 2024

4:23 AM

Tropical Storm Beryl

Be Safe And Prepare For These Potential Conditions



- Damage to several buildings, especially near the coast.
- Sections of (mainly vulnerable) nearshore escape routes weakened or washed out.
- Major beach erosion
- Heavy surf breaching dunes

Moderate damage to:

- Marinas
- Docks & Piers



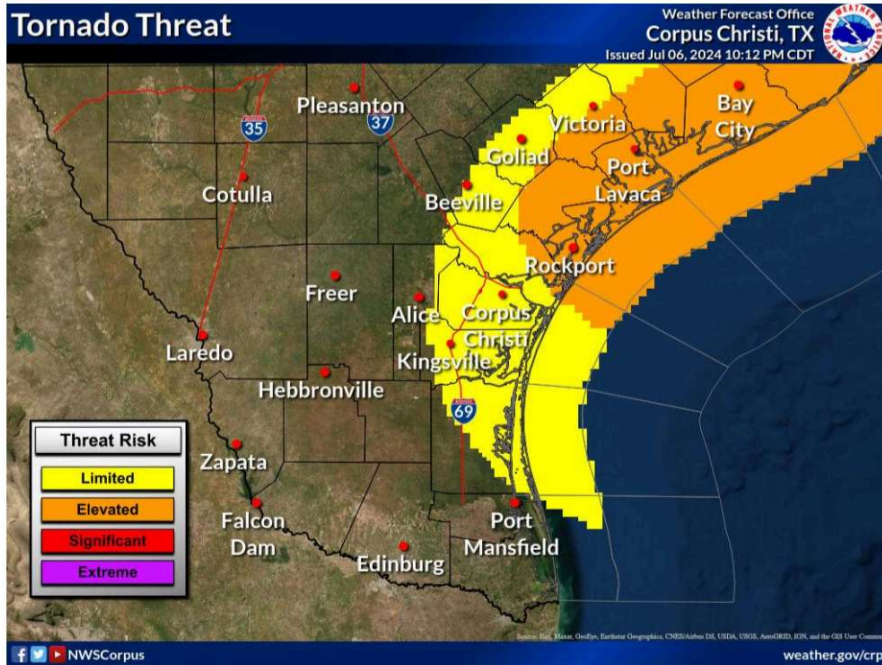
# Tornado Threat - Elevated

July 7, 2024

4:23 AM

Tropical Storm Beryl

Be Safe And Prepare For These Potential Conditions



*Scattered tornadoes can hinder emergency plans during tropical events.*

Several places may experience...

- Tornado damage, considerable in a few places
- Power & communications failures

Examples of potential damage:

- Roofs torn off frame homes
- Mobile homes demolished
- Large trees snapped or uprooted
- Vehicles & small boats tossed and tumbled



National Weather Service  
Corpus Christi, TX

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

## Forecaster Considerations

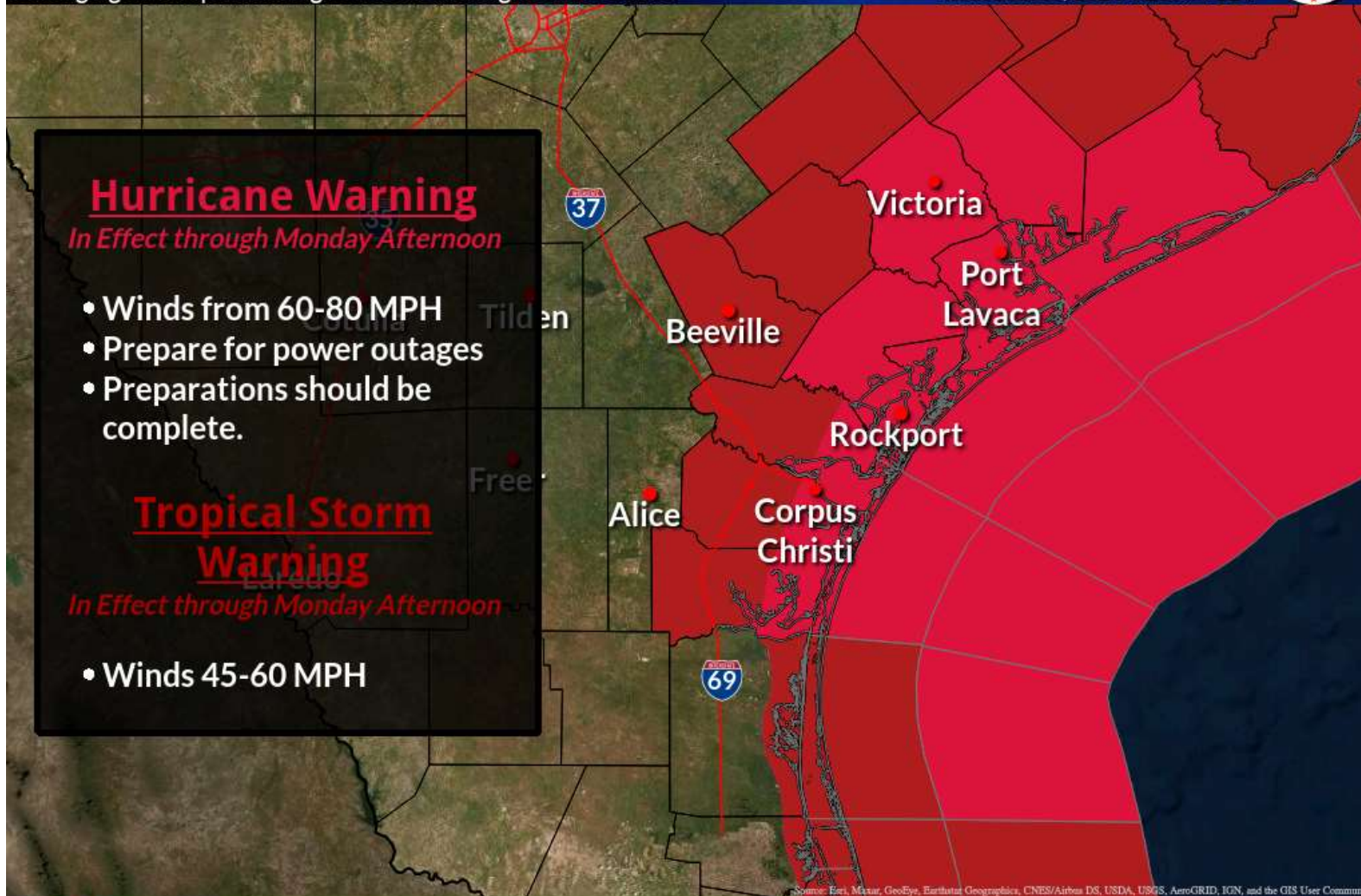
Tropical Storm Beryl is starting to get better organized and is still expected to become a hurricane before making landfall on the mid to upper Texas coast Monday morning. A majority of the latest track models have continued the trend of shifting east. However, given that Beryl is still in its organizational phase, and track errors at 24-36 hours are still 30 to 50 miles, hurricane and storm surge warnings remain unchanged for the mid coast. However, some adjustments to local Warnings may be needed later today if trends continue. Although Beryl has been influenced by mid-upper level wind shear overnight, environmental conditions are improving, which will allow for strengthening up until landfall with a potential for rapid strengthening. With a continued eastward shift in the track, we have lowered the forecast rainfall with the exception of Calhoun County which could still see upwards of 5-10 inches. The greatest hazards associated with Beryl are expected to near and to the right of the center of circulation.

# Tropical Storm Beryl

Damaging Winds | Winds Highest Near and Right of the Center

Weather Forecast Office  
Corpus Christi, TX

Issued Jul 07, 2024 4:20 AM CDT



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



# Tropical Storm Beryl

Life-Threatening Storm Surge | Follow Instructions from Local Officials

Weather Forecast Office  
Corpus Christi, TX

Issued Jul 07, 2024 3:31 AM CDT



## Storm Surge Warning

*In Effect through Monday Afternoon*

- 3 to 6 feet inundation north of North Entrance of Padre Island National Seashore
- This is a dangerous, life-threatening situation

## Storm Surge Watch

*In Effect through Monday Afternoon*

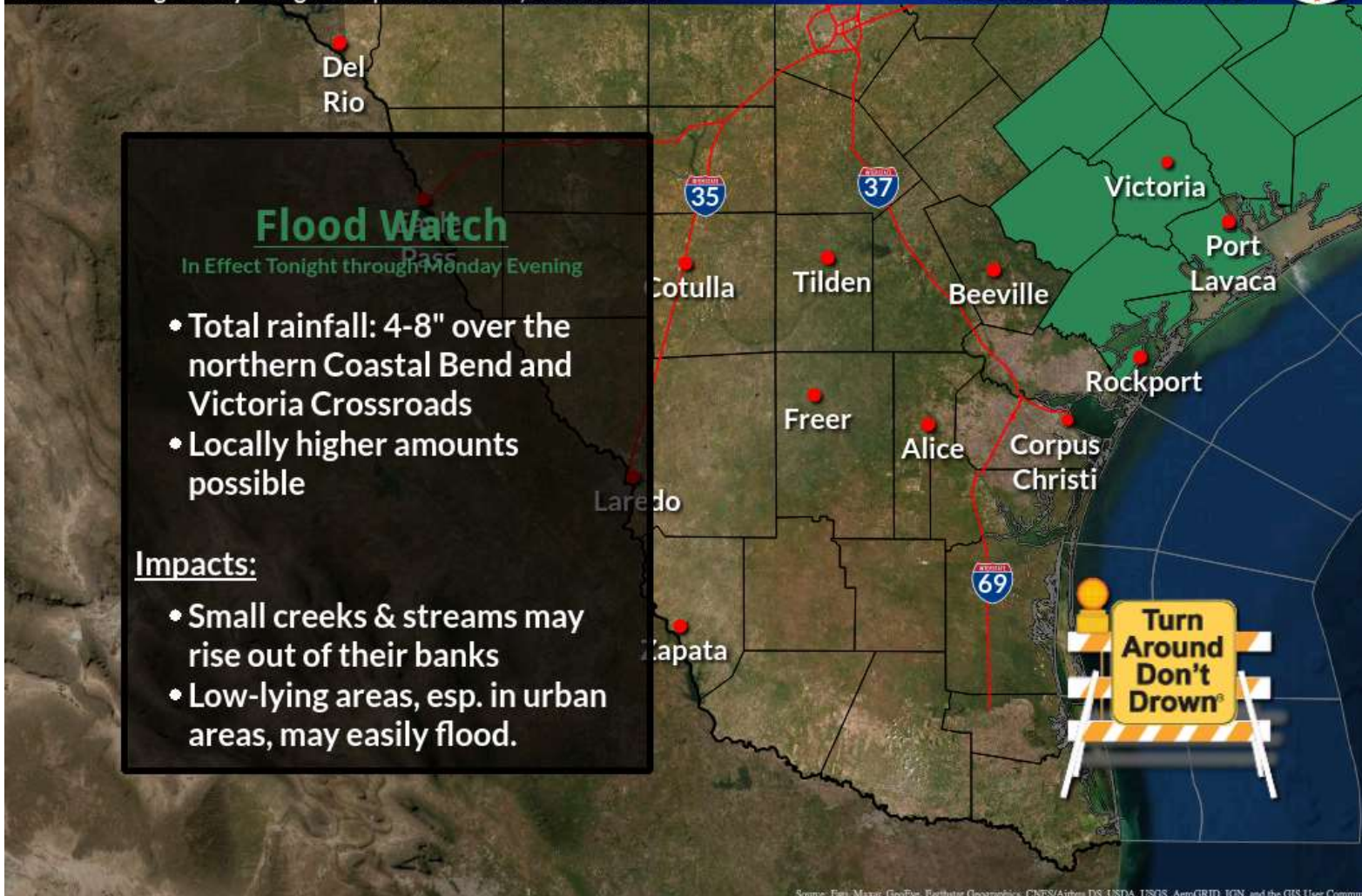
- 3 to 5 feet inundation south of North Entrance of Padre Island National Seashore

# Heavy Rainfall Expected

Flash Flooding Is Very Dangerous | Turn Around, Don't Drown

Weather Forecast Office  
Corpus Christi, TX

Issued Jul 07, 2024 4:22 AM CDT



NWSCorpus

[weather.gov/crp](https://weather.gov/crp)

## Next Update:

By 11 AM CDT Sunday

Additional Resources		
Contact us anytime (24/7)	<a href="tel:361-289-0959">361-289-0959</a>	<a href="tel:888-579-9731">888-579-9731</a>

<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,  
John Metz  
NWS Corpus Christi, TX

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

