

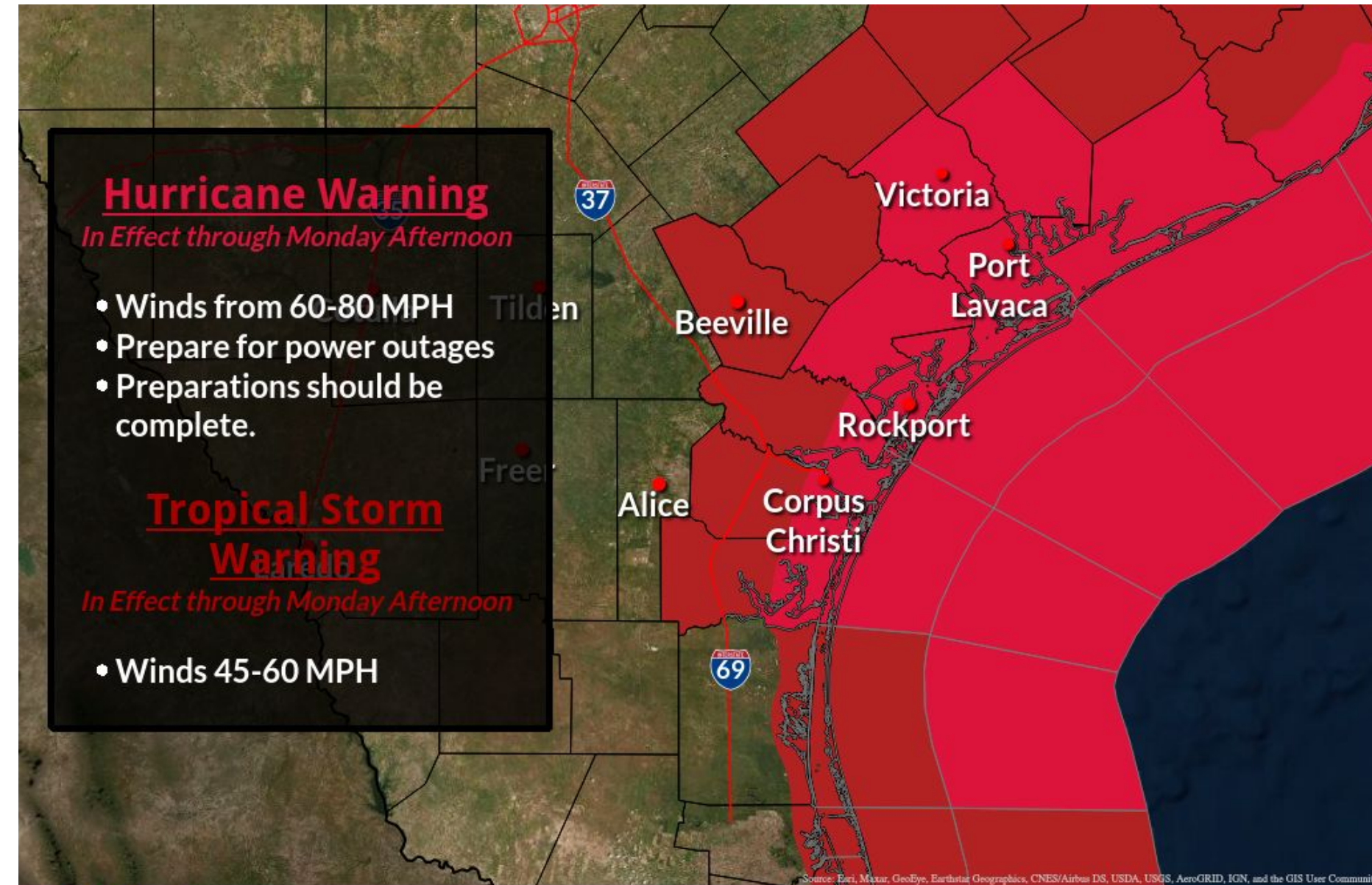


Tropical Storm Beryl Briefing

NEW

Key Points

- Beryl is expected to make landfall late tonight near Matagorda Bay as a strong Category 1 Hurricane, though rapid intensification to a Cat 2 possible.
- Hurricane, Storm Surge, and Tropical Storm Warnings remain in effect.
- Storm Surge: 1-3' Baffin Bay, 2-4' Corpus Christi Bay, 3-5' north of Baffin Bay to Mesquite along immediate coast, 4-6' Mesquite north.
- 4-8 inches of rain over the northern Coastal Bend and Victoria Crossroads.
- Tropical Storm Force winds arrive this evening (~8PM).

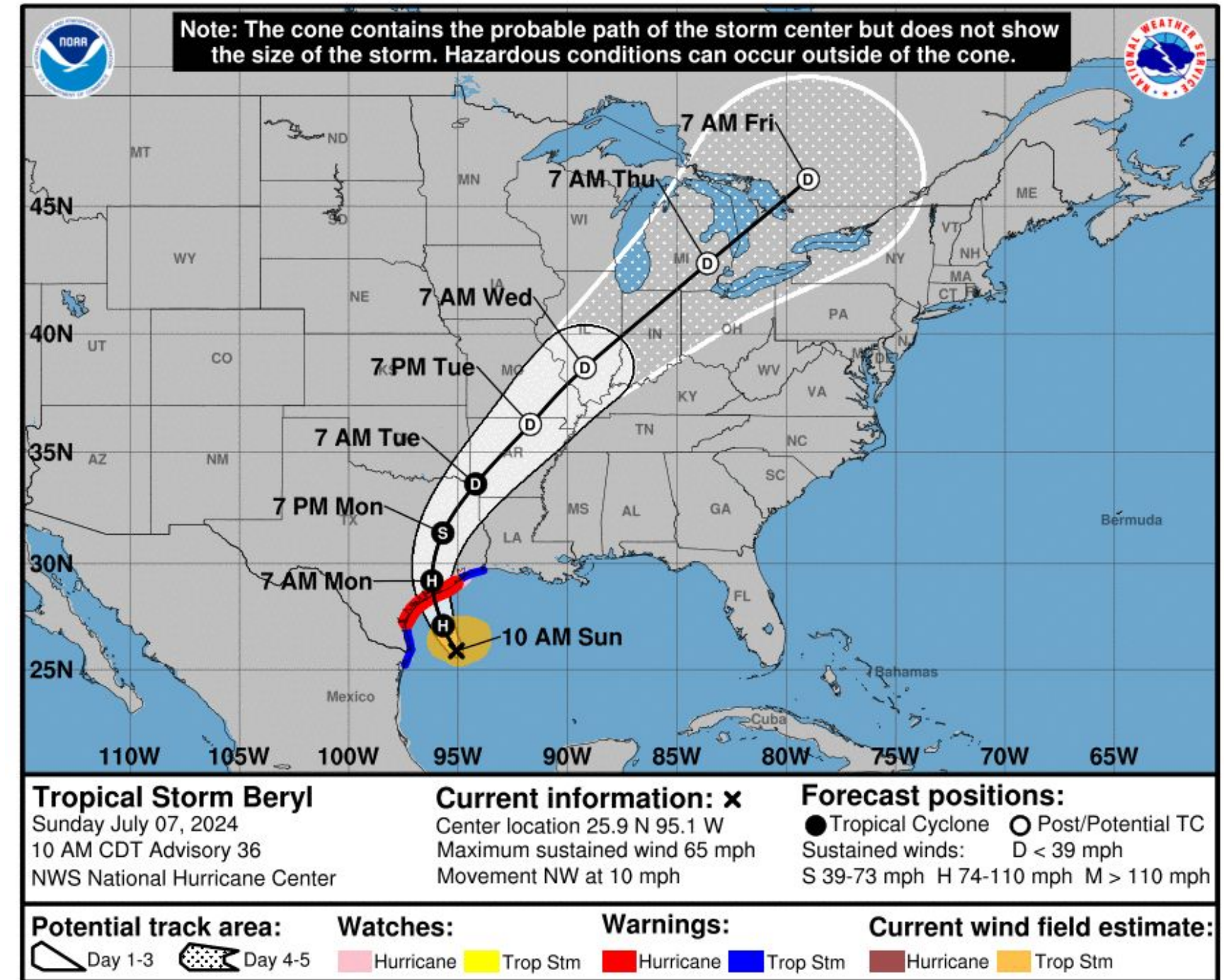




Tropical Storm Beryl Briefing

NEW Key Points Continued

- Storm Surge threat begins with onset of Tropical Storm Force Winds and continues through landfall before gradually subsiding.
- Flood Watch in effect from tonight through Monday evening for Aransas, Refugio, Goliad, Victoria, and Calhoun Counties.
- Threat for isolated tornadoes across the northern Coastal Bend and Victoria Crossroads.

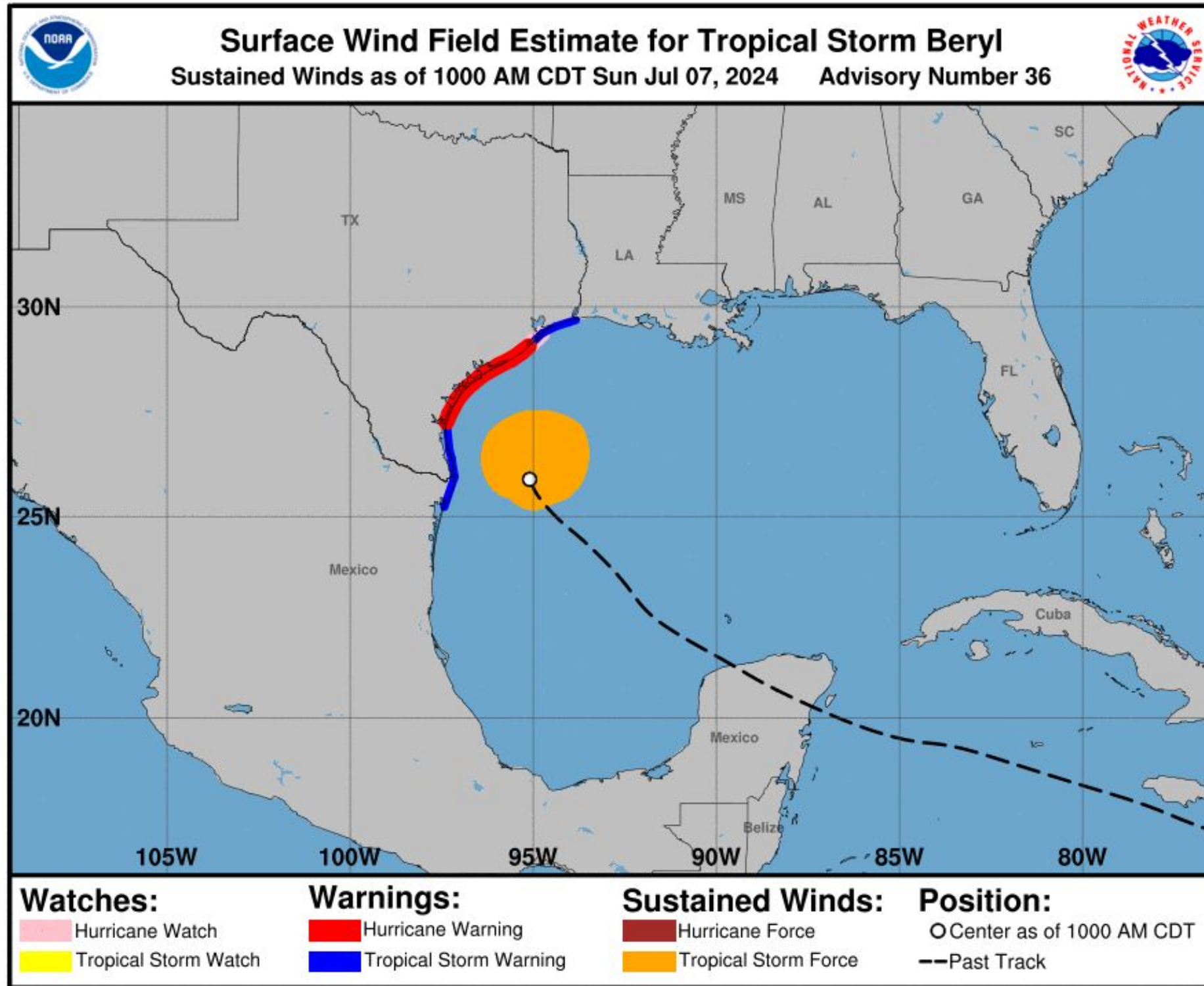




Situation Overview

July 7, 2024
11:00 AM

Tropical Storm Beryl



- Located over the Southwest Gulf of Mexico and moving NW at 10 mph.
- Currently a Tropical Storm with 65 mph sustained winds.
- Tropical Storm Force Winds extend 125 miles from the center.

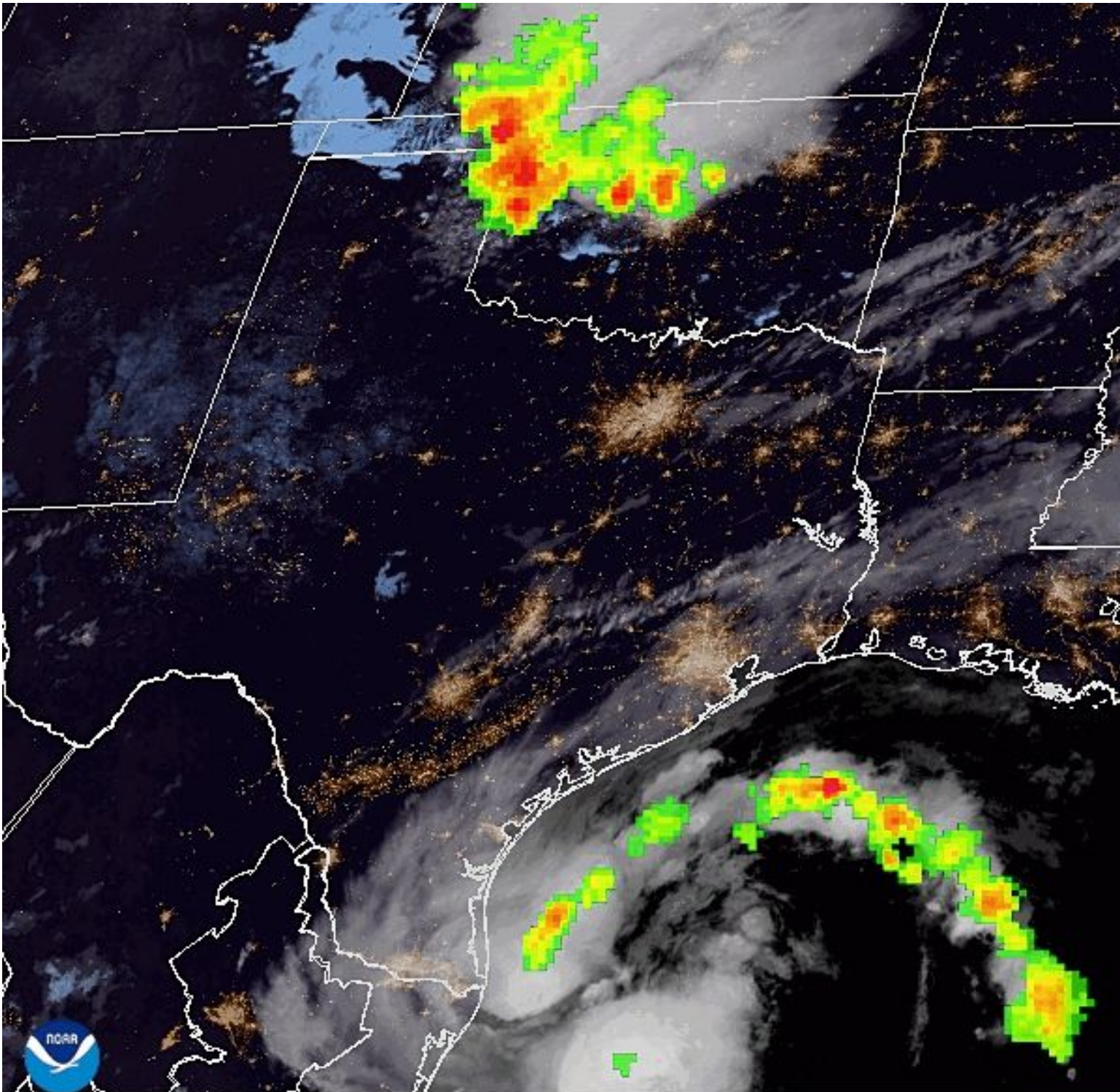




Current Satellite View

July 7, 2024
11:00 AM

Tropical Storm Beryl



07 Jul 2024 10:56 NESDIS/STAR GOES-East GLM FED

Beryl is strengthening as it moves towards the Texas Coast.

It is expected to strengthen into a strong Category 1 hurricane before making landfall near Matagorda late tonight. Rapid intensification to a Cat 2 is possible immediately prior to landfall.





Risk Outlook for South Texas

July 7, 2024
11:00 AM

Tropical Storm Beryl

	Sunday, Jul 7	Monday, Jul 8	Tuesday, Jul 9	Wednesday, Jul 10
Coastal Plains	Periods of Heavy Rain and Gusty Winds Isolated Tornadoes	Locally Heavy Rain and Gusty Winds Early Isolated Tornadoes Early	Isolated Storms	
Coastal Bend	Tropical Storm Conditions Poss. North Tonight Isolated Tornadoes Flash Flooding Poss.	Locally Heavy Rain and Gusty Winds Early Flash & River Flooding Poss. Isolated Tornadoes Early	Isolated Storms River Flooding Poss.	
Victoria Crossroads	Hurricane Conditions Poss. Tonight Isolated Tornadoes Flash Flooding Poss.	Hurricane Conditions Poss. Early Flash & River Flooding Poss. Scattered Tornadoes Early	Isolated Storms River Flooding Poss.	
Brush Country	Some rain may move in to eastern areas late tonight	Isolated Storms Possible		
Marine	15-20 Foot Seas Rip Currents	24-29 Foot Seas Early Rip Currents	Seas Decreasing to < 6 Feet Rip Currents	

Risk Levels

Little to None

Minor

Moderate

Major

Extreme



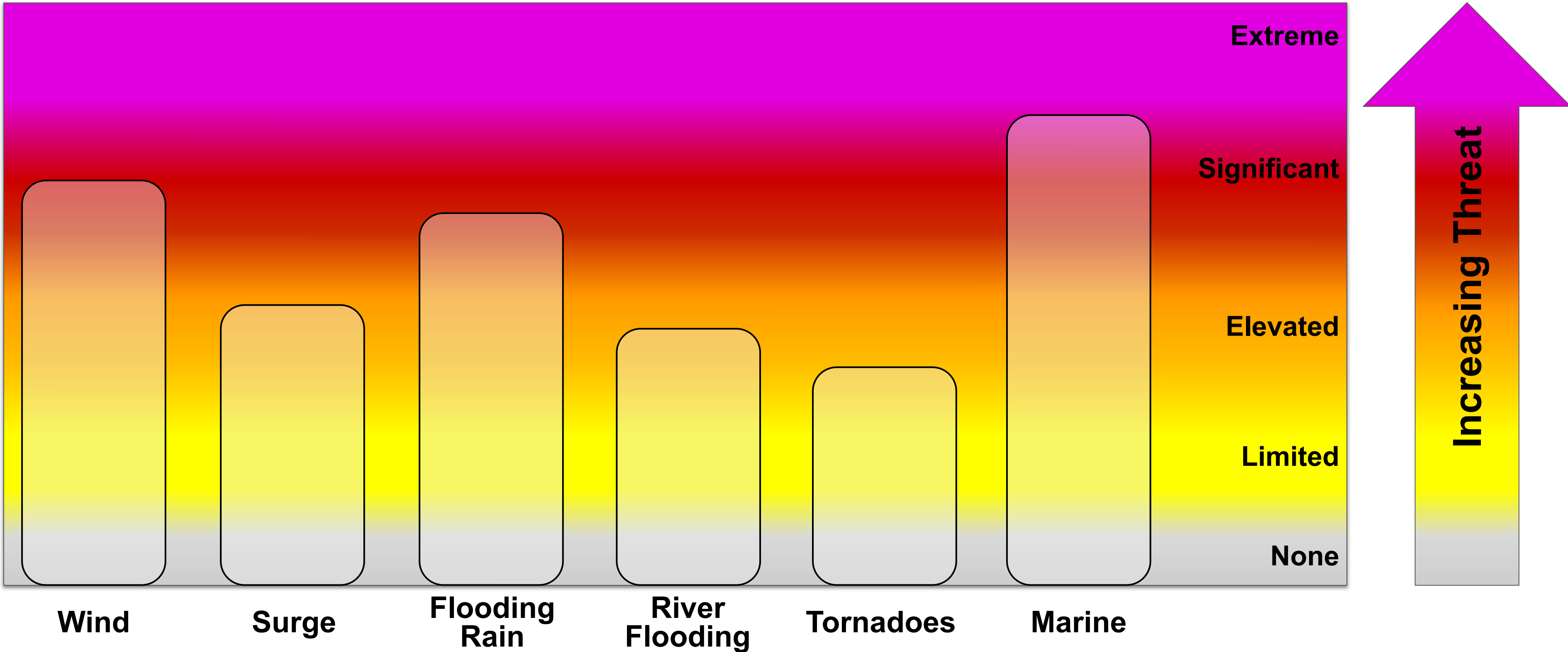


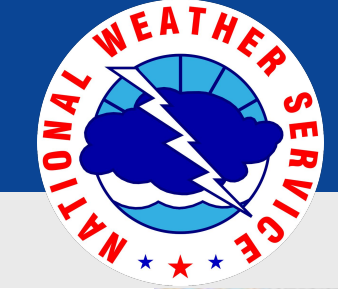
Threat Levels

July 7, 2024
11:00 AM

Tropical Storm Beryl

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

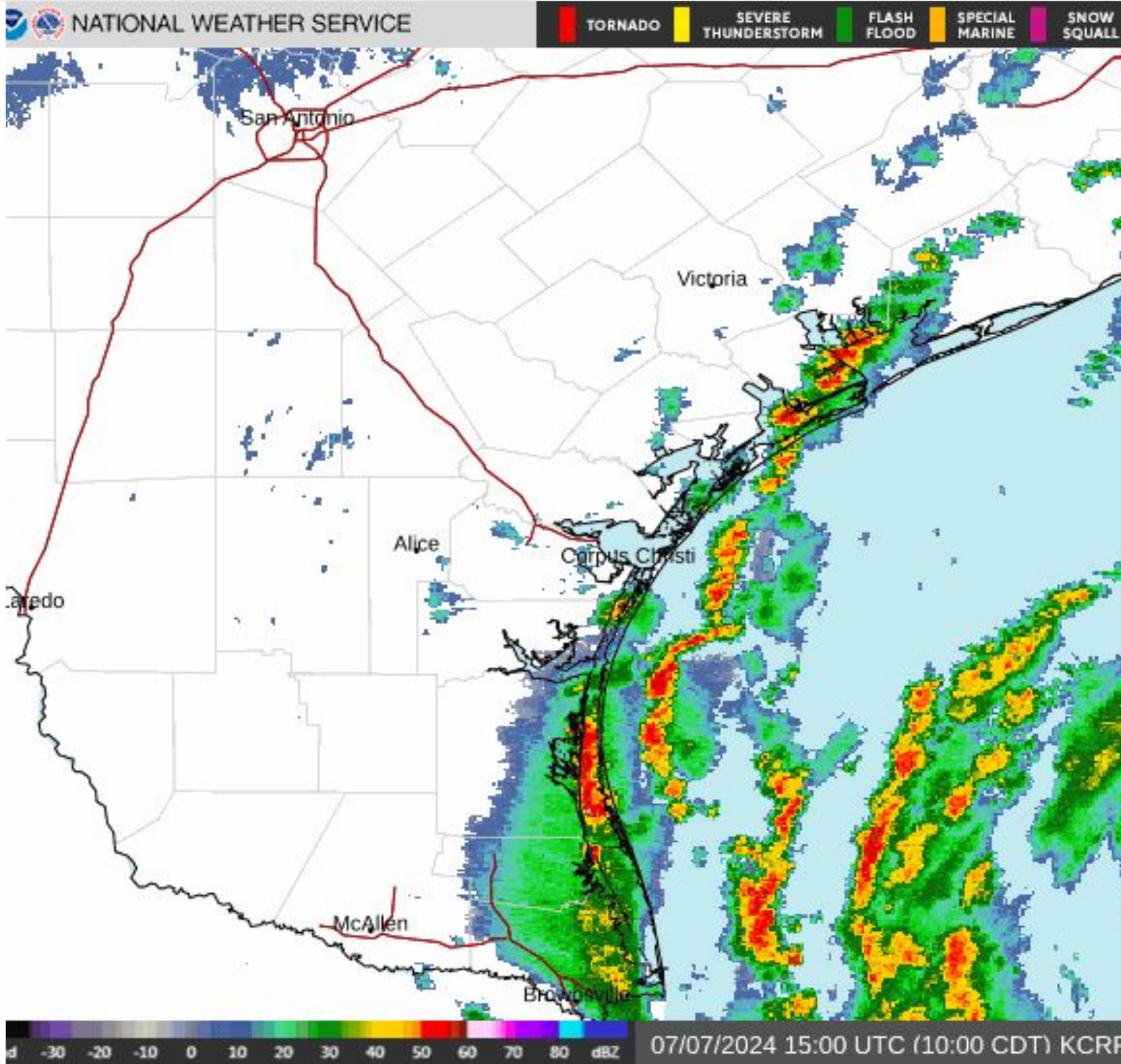




Current Radar View

July 7, 2024
11:00 AM

Tropical Storm Beryl



Outer bands are beginning to move in.

Storms increase in both coverage and intensity this afternoon/evening.

Heaviest rain expected across the northern Coastal Bend and Victoria Crossroads tonight into Monday.

Tornado threat will increase this afternoon through tonight.



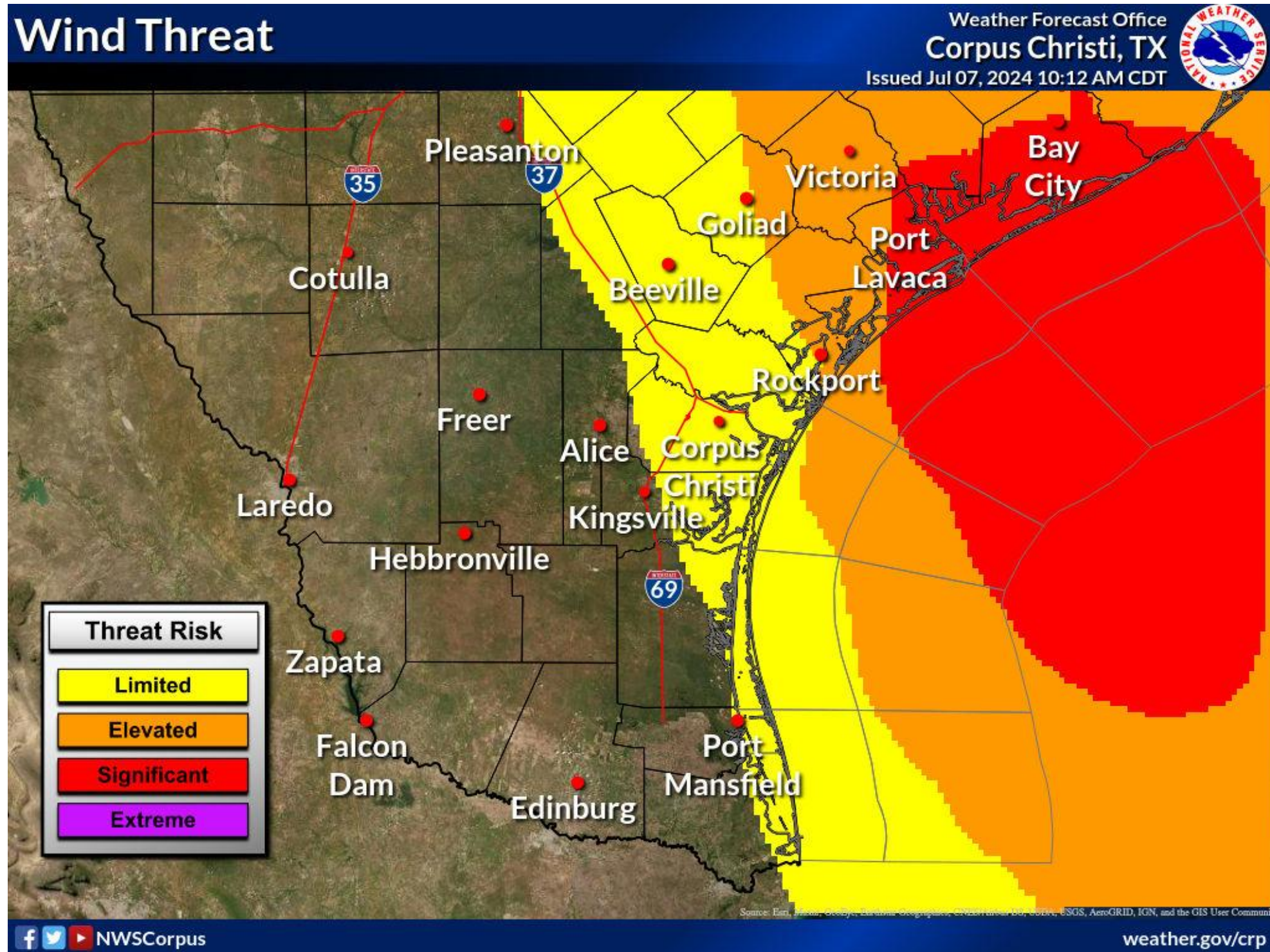


Wind Threat - Significant

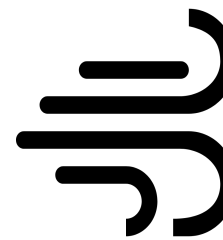
July 7, 2024
11:00 AM

Tropical Storm Beryl

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.



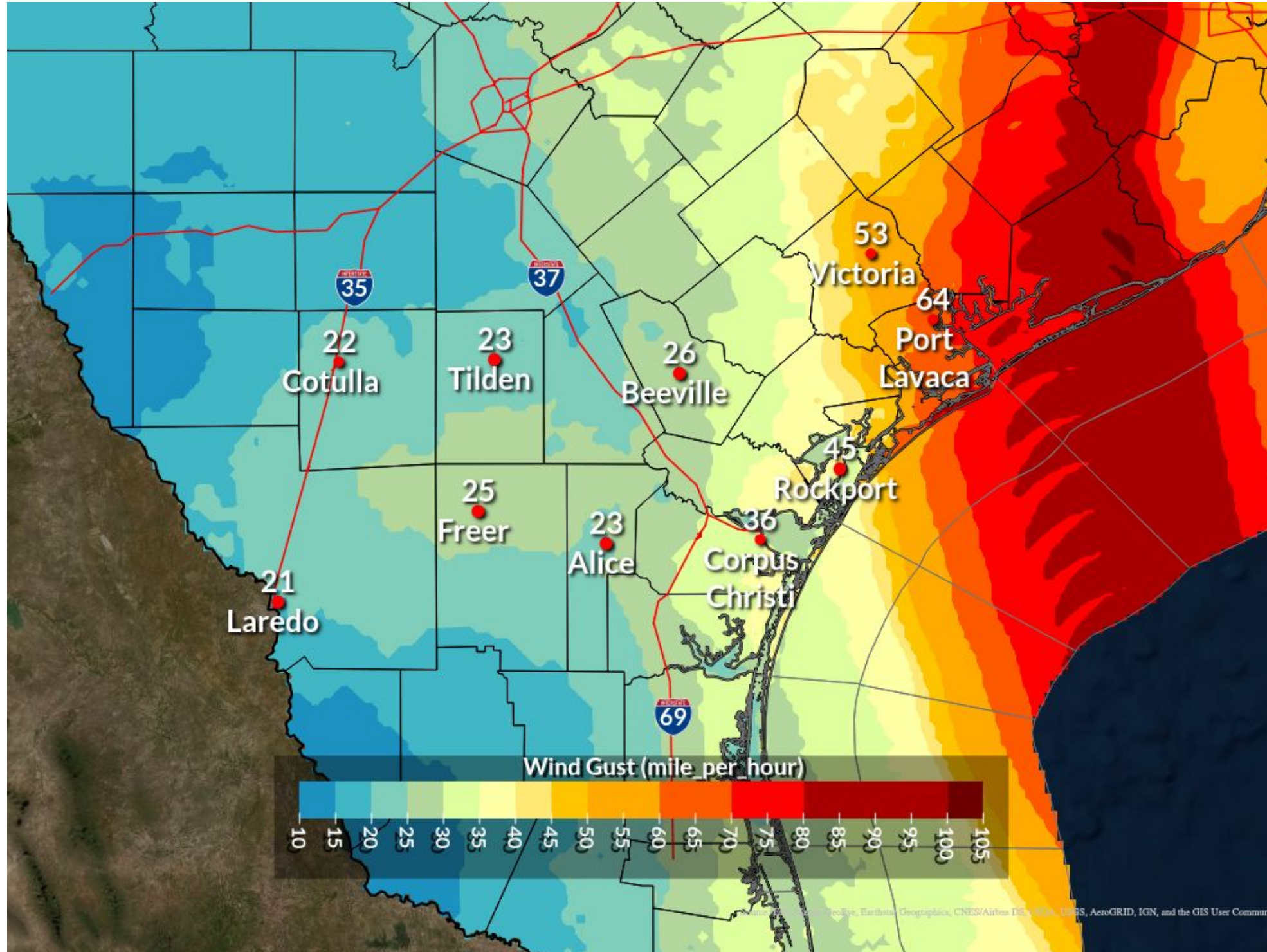


Wind Threat - Significant

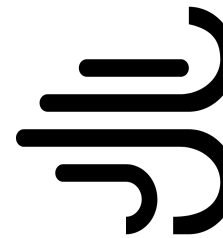
July 7, 2024
11:00 AM

Tropical Storm Beryl

Peak Wind Gusts Expected



- 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.

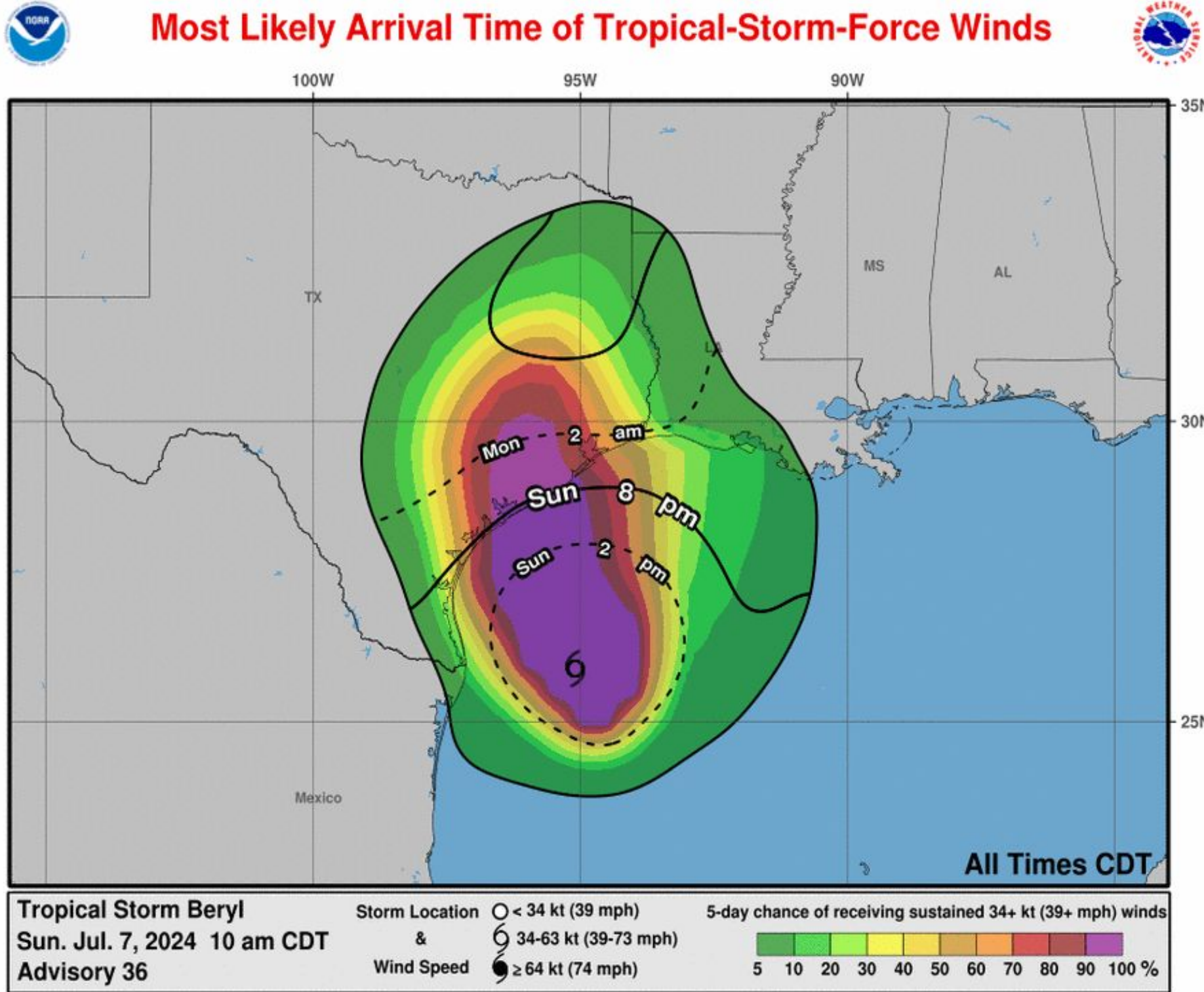




Most Likely Time of Arrival of TS Force Winds

July 7, 2024
11:00 AM

Tropical Storm Beryl



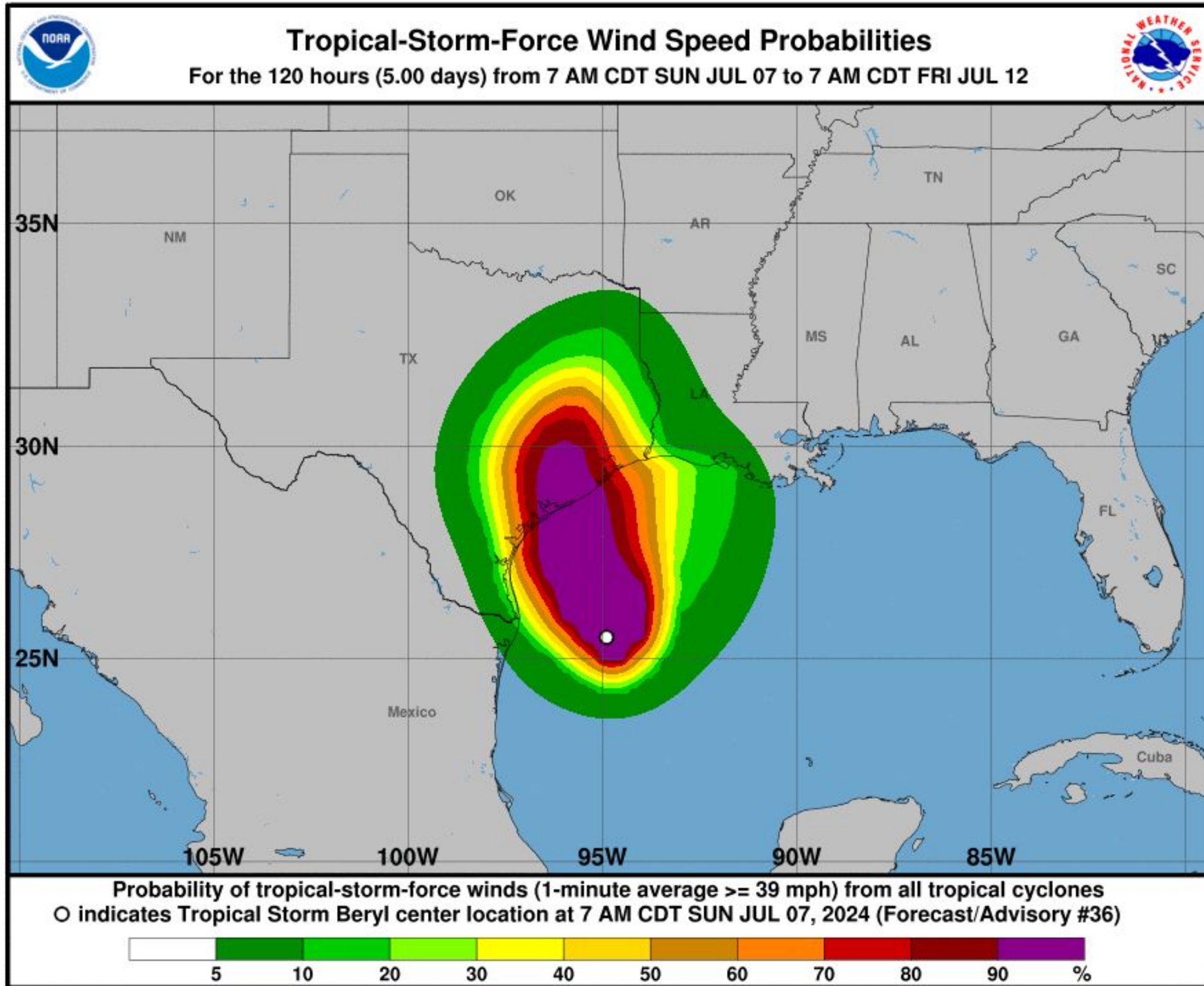
- The most likely time of arrival of Tropical Storm Force Winds for the Texas Coast is this evening (~8PM).
- Tropical Storm Force wind gusts possible within any of the showers and storms in the outer bands.



Tropical Storm Wind Speed Probabilities

July 7, 2024
11:00 AM

Tropical Storm Beryl



Chance of Tropical Storm Force Winds

- Chances decreasing across southern portions of the Coastal Bend and increasing towards the Mid-Texas Coast.

Probability of Tropical Storm Force Winds

- Matagorda: 98% (*Increasing*)
- Port O'Connor: 98% (*Increasing*)
- Rockport: 68% (*Steady*)
- Corpus Christi: 27% (*Decreasing*)
- McCallen: 3% (*Decreasing*)

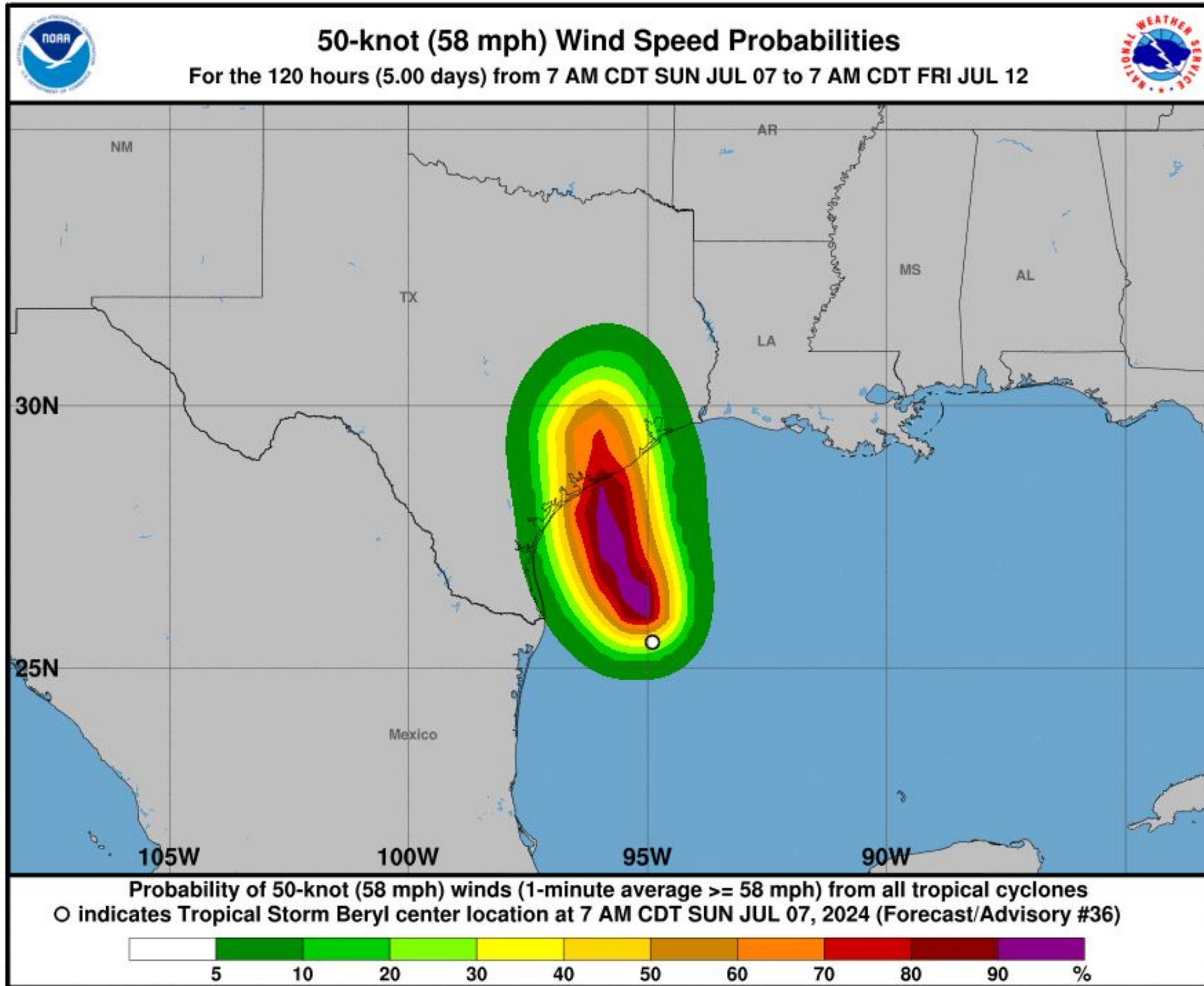




50 Knot Wind Speed Probabilities

July 7, 2024
11:00 AM

Tropical Storm Beryl



Chance of 50 knot (58 mph) Winds

- Chances continue to increase for the Port O'Connor and Matagorda areas, while decreasing farther south.

Probability of 50 knot (58 mph) Winds

- Matagorda: 85% (*Increasing*)
- Port O'Connor: 80% (*Increasing*)
- Rockport: 13% (*Decreasing*)
- Corpus Christi: N/A
- McCallen: N/A

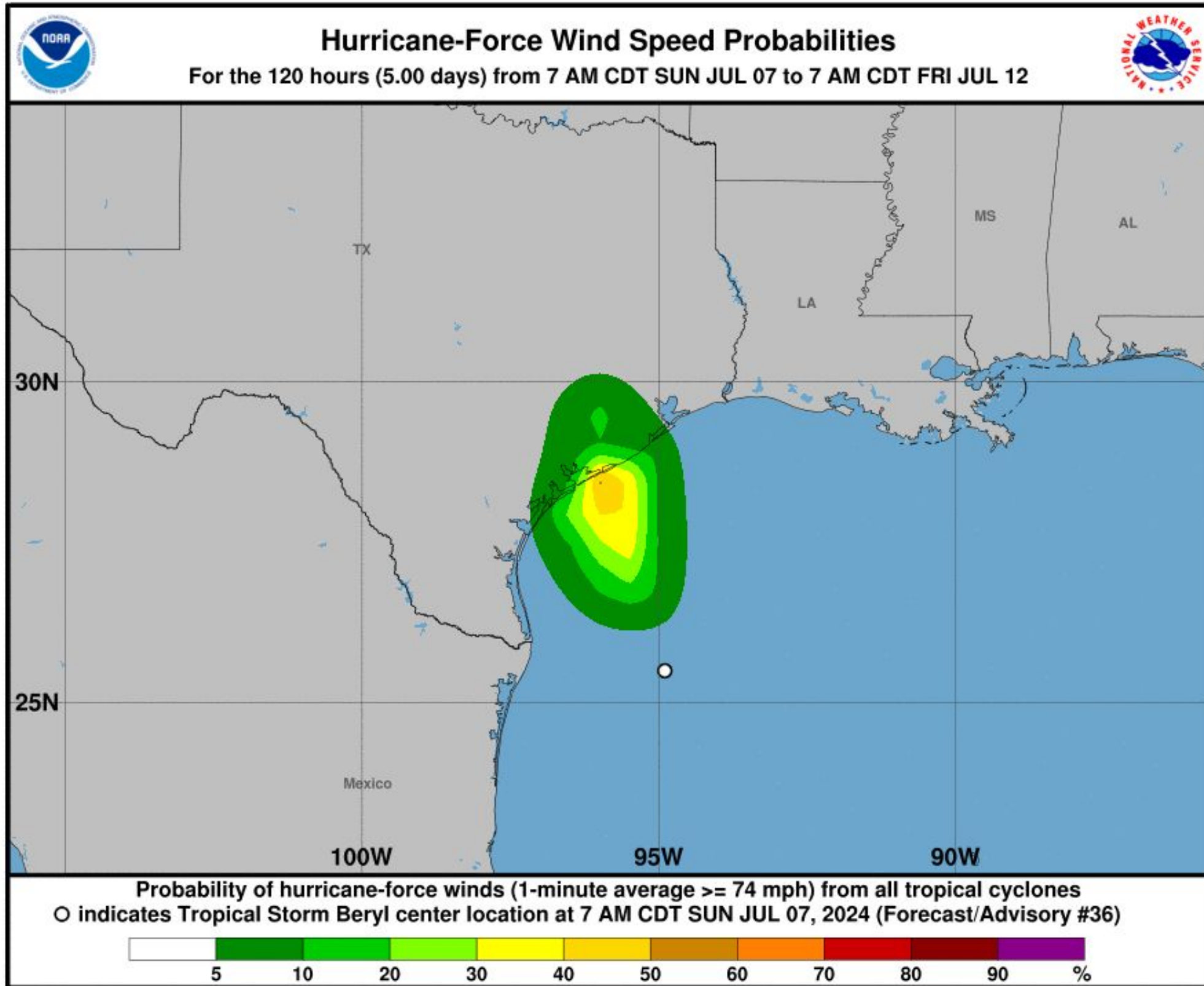




Hurricane Wind Speed Probabilities

July 7, 2024
11:00 AM

Tropical Storm Beryl



Chance of Hurricane-Force Winds

- Chances have increased for the Port O'Connor and Matagorda areas, while decreasing to less than 5 percent farther south.

Probability of Hurricane-Force Winds

- Matagorda: 45% (*Increasing*)
- Port O'Connor: 36% (*Increasing*)
- Rockport: N/A
- Corpus Christi: N/A
- McCallen: N/A

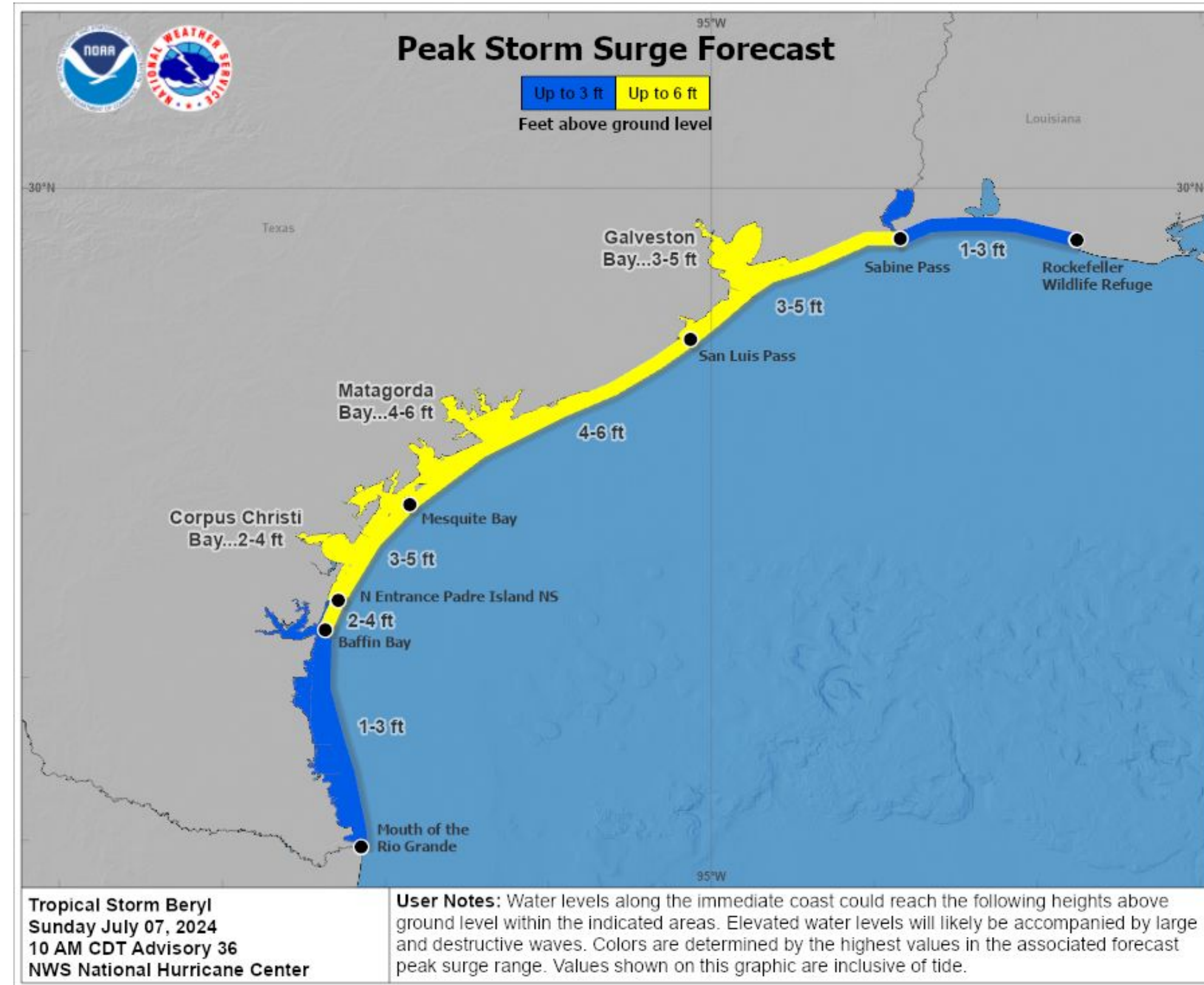




Peak Storm Surge Expected

July 7, 2024
11:00 AM

Tropical Storm Beryl



Storm Surge Warning is in effect.

- 1 to 3 feet of storm surge in Baffin Bay
- 2 to 4 feet in Corpus Christi Bay
- 3 to 5 feet along immediate coast from North of Baffin Bay to Mesquite Bay.
- 4 to 6 feet Mesquite Bay north.

Impacts

- Significant beach/dune erosion
- Coastal/access roads flooded

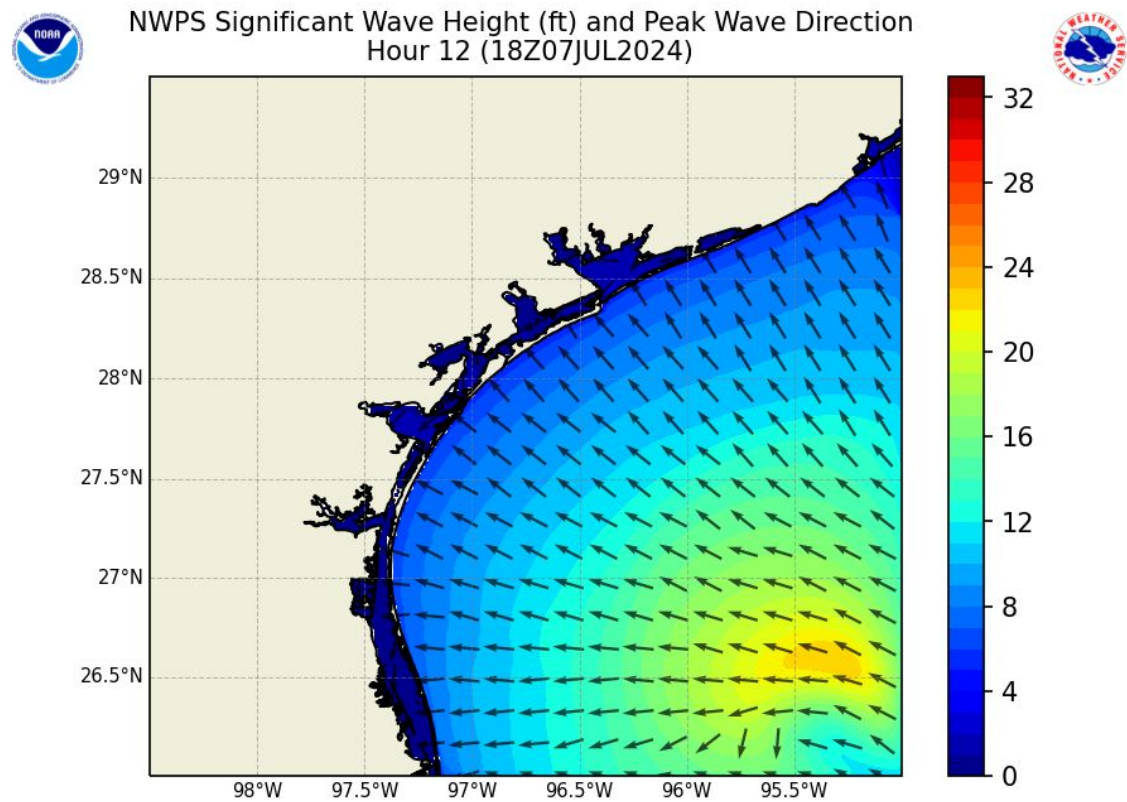


Wave Height Forecast

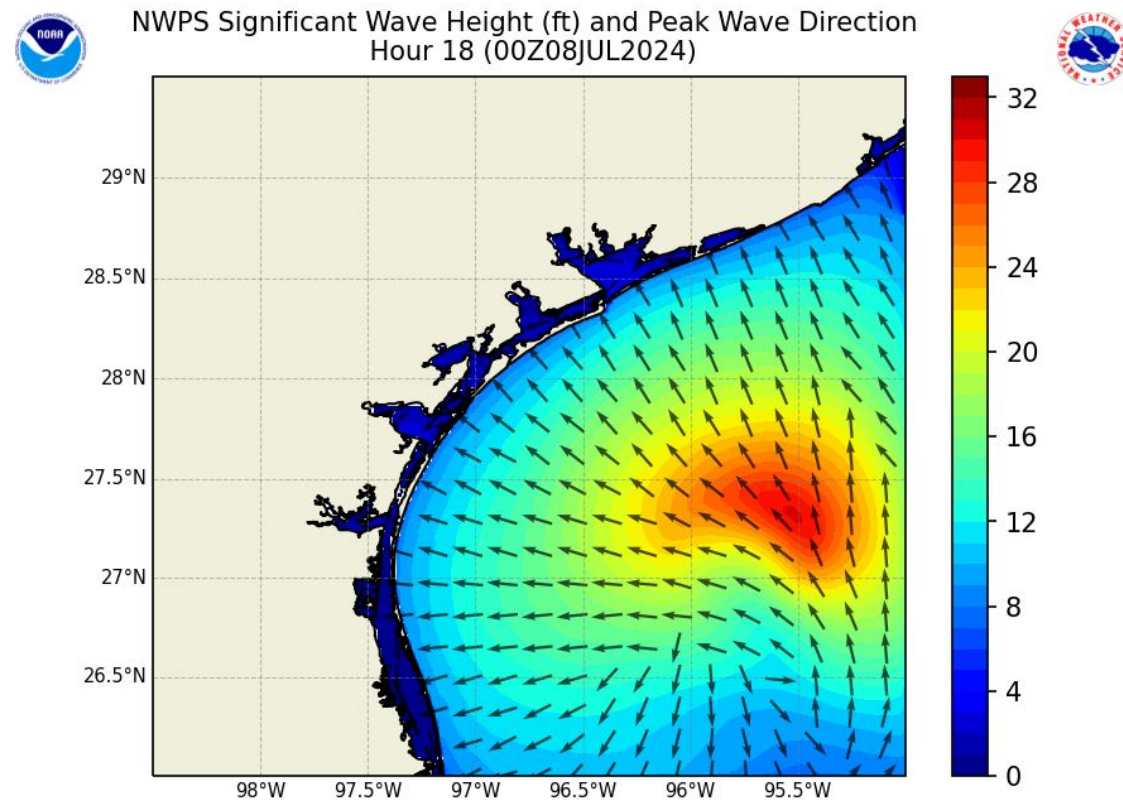
July 7, 2024
11:00 AM

Tropical Storm Beryl

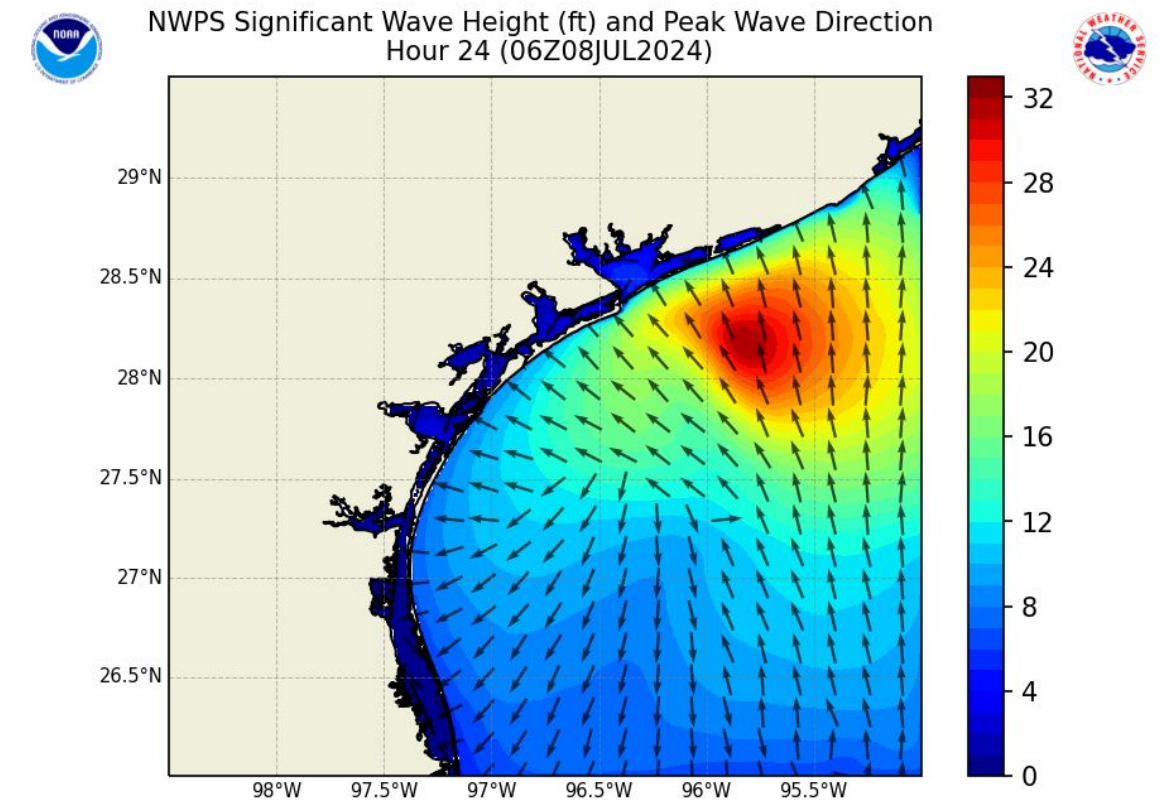
1 PM Sunday



7 PM Sunday



1 AM Monday



- Wave heights are expected to peak offshore between 24 to 29 feet, occasionally higher, tonight into Monday morning and nearshore 16 to 21 feet, occasionally higher.
- Nearshore waves drop below 6 feet by Monday Night.

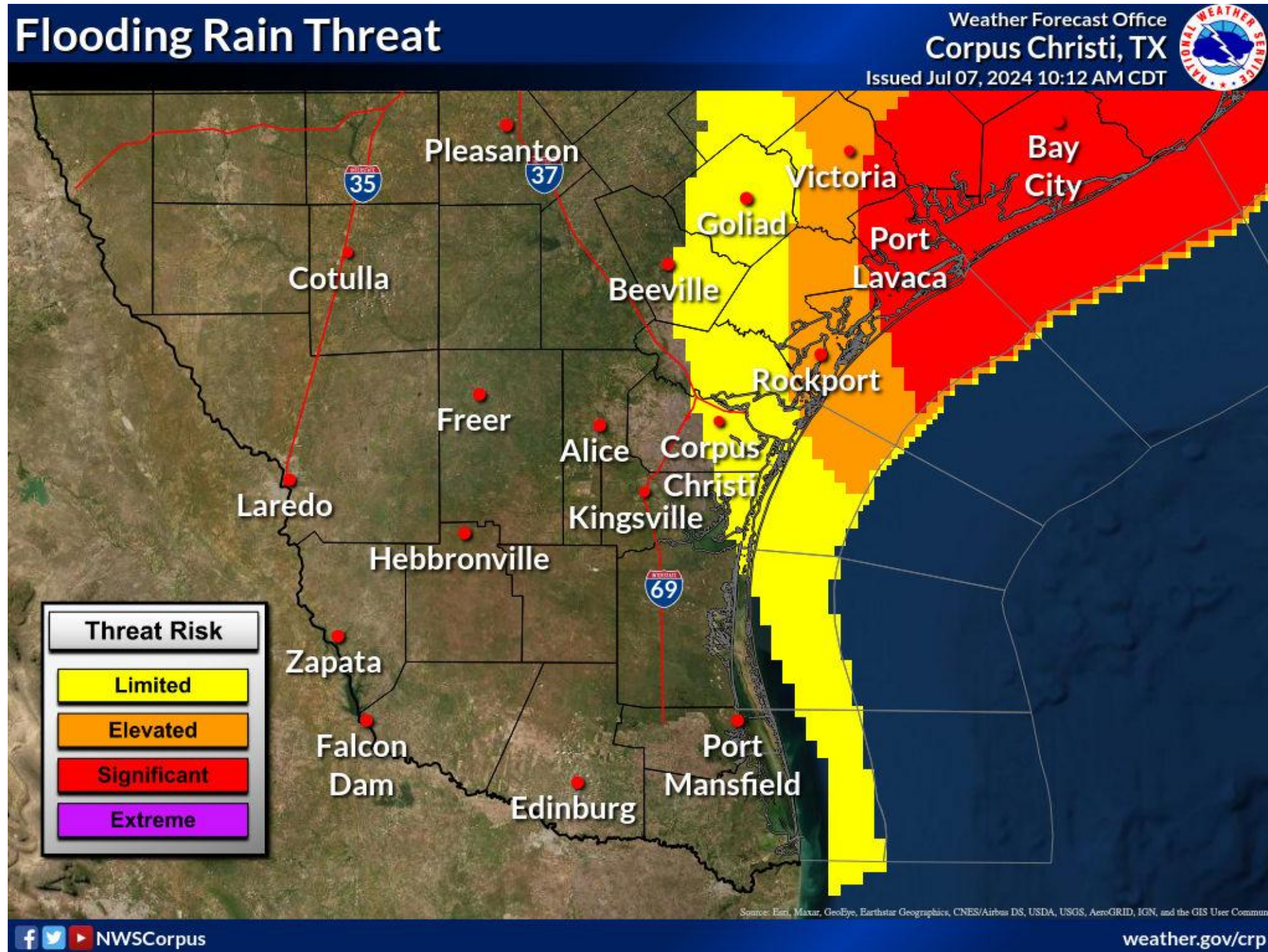


Flooding Rain Threat - Significant

July 7, 2024
11:00 AM

Tropical Storm Beryl

Be Safe And Prepare For These Potential Conditions

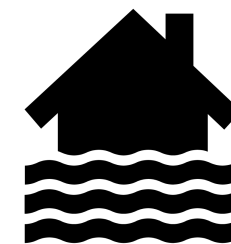


Major flooding from heavy rain may prompt...

- 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.





Flood Watch In Effect

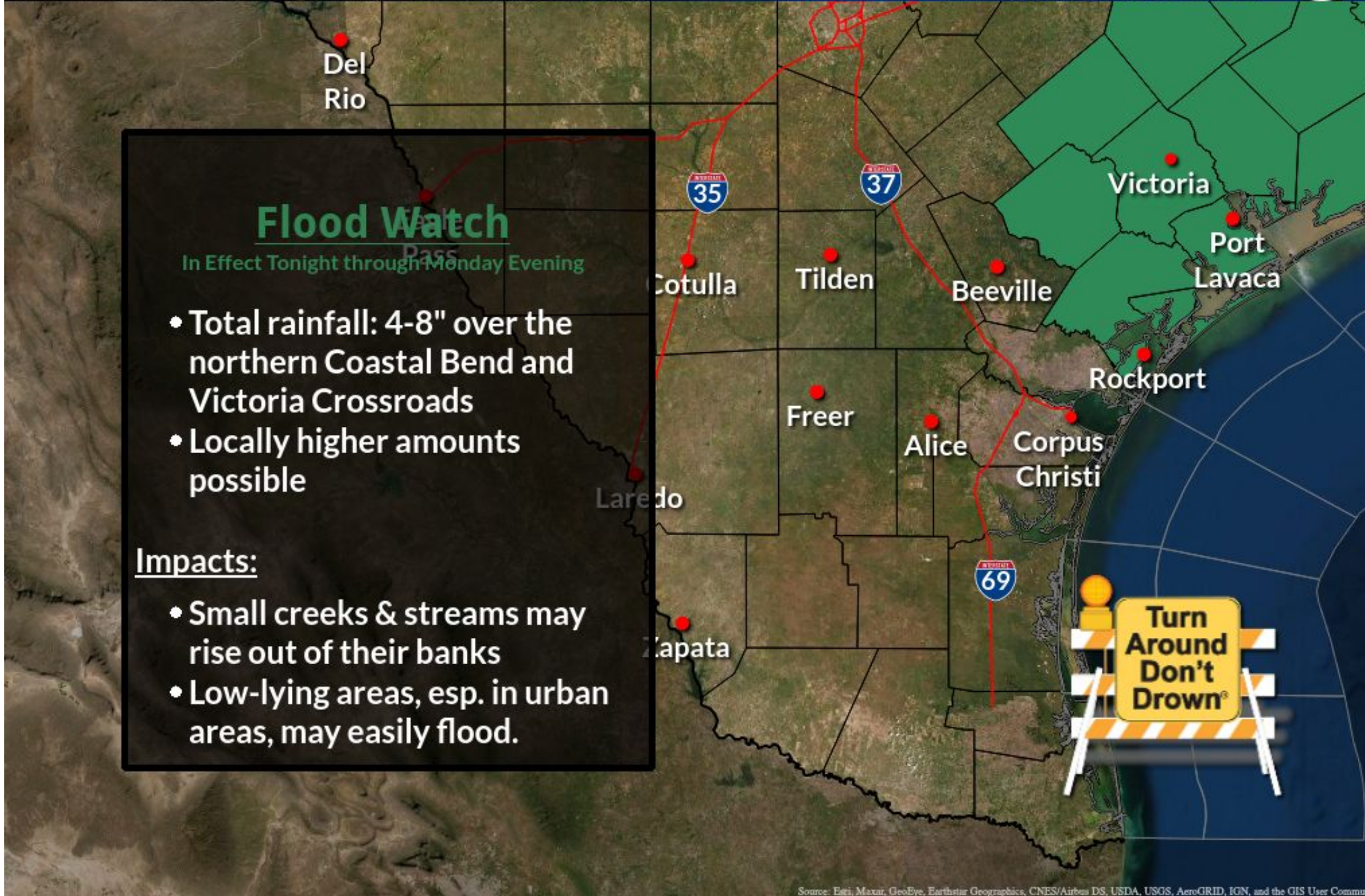
July 7, 2024
11:00 AM

Tropical Storm Beryl

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



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

National Weather Service
Corpus Christi, TX

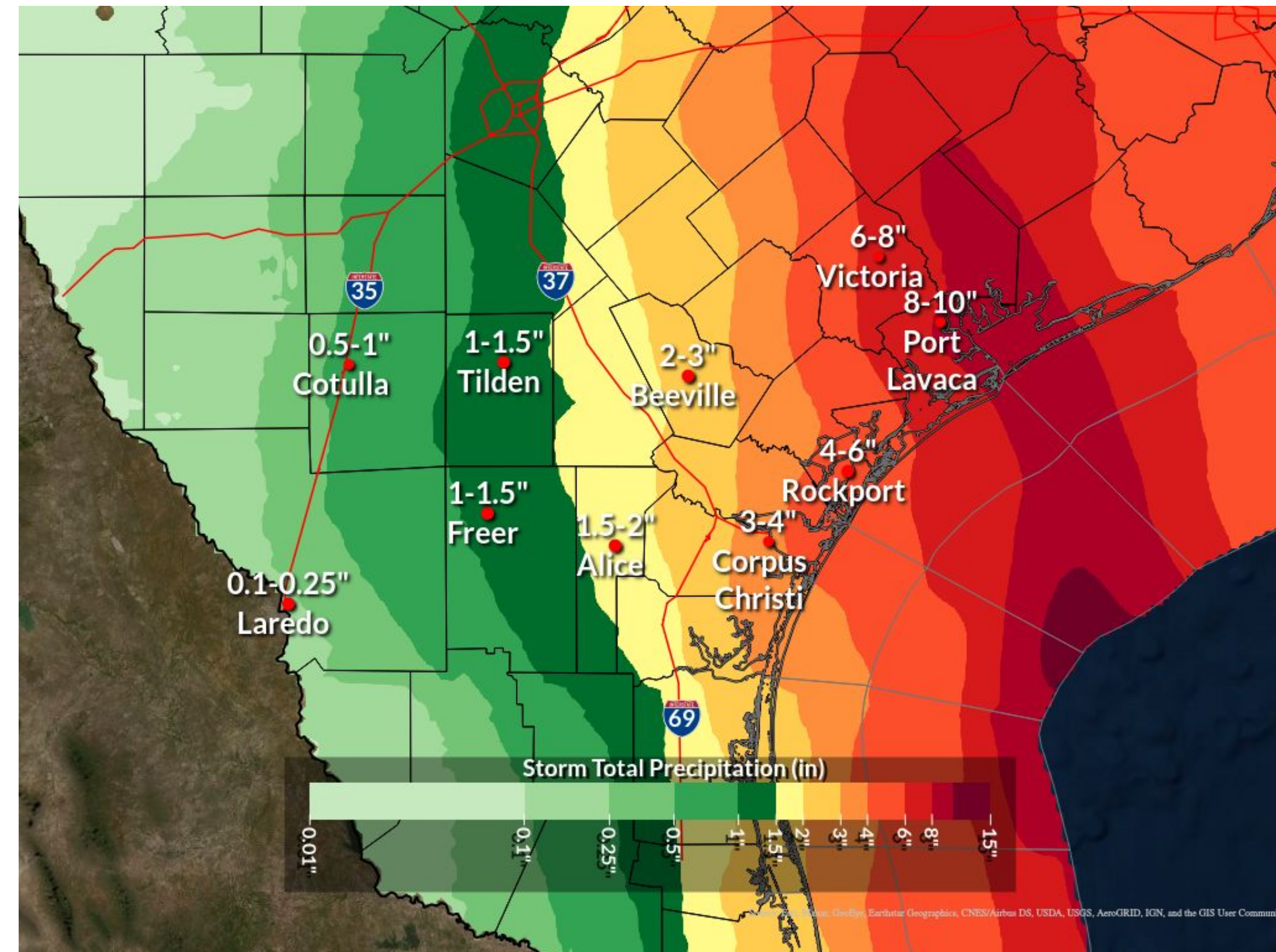


Areas of Heavy Rain Expected

July 7, 2024
11:00 AM

Tropical Storm Beryl

- Heaviest rain falls tonight and Monday.
- The location of the heaviest rain will be along and to the right of the center of the storm. This currently favors the area from Port Lavaca to Victoria.



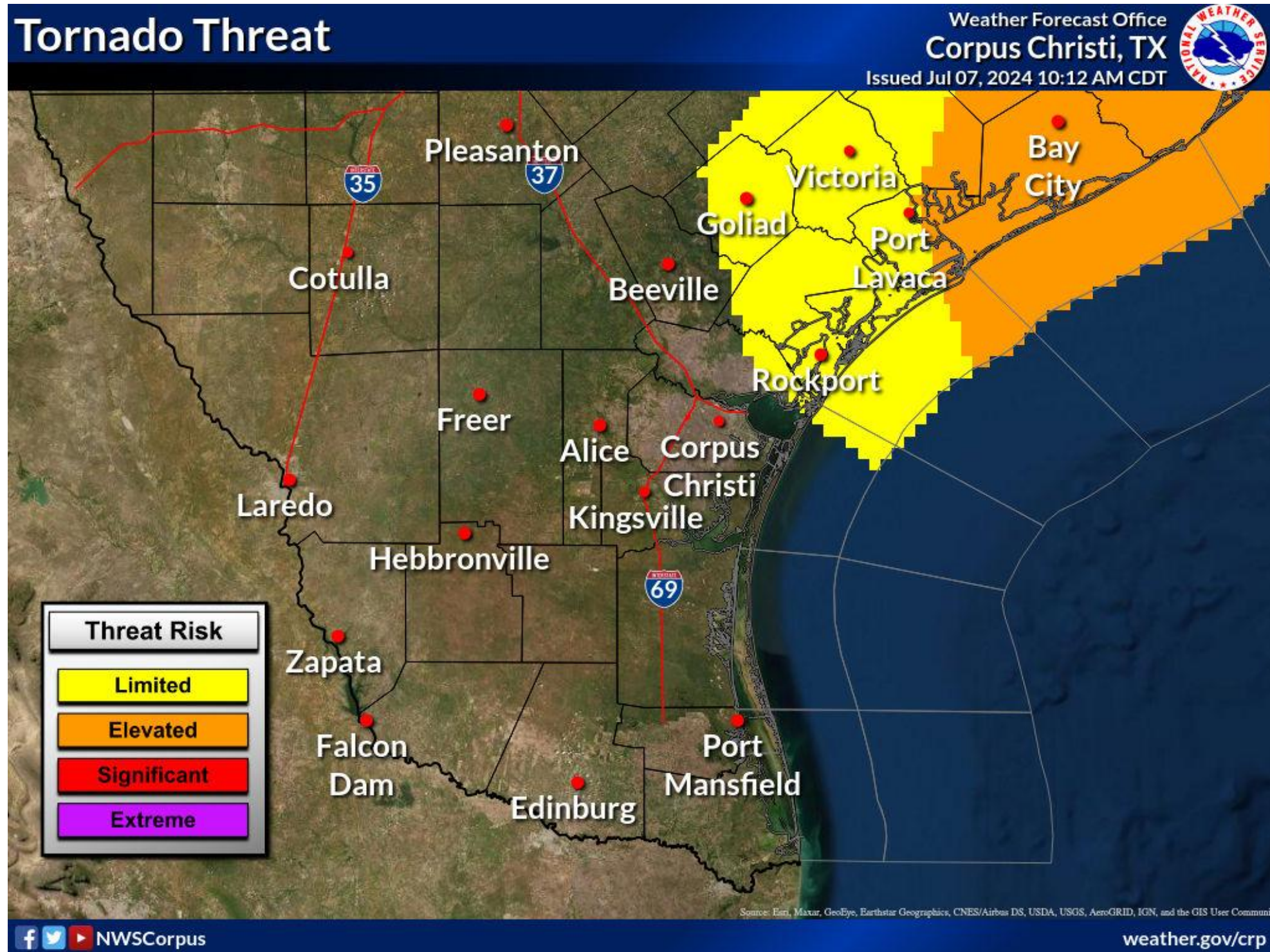


Tornado Threat - Elevated

July 7, 2024
11:00 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





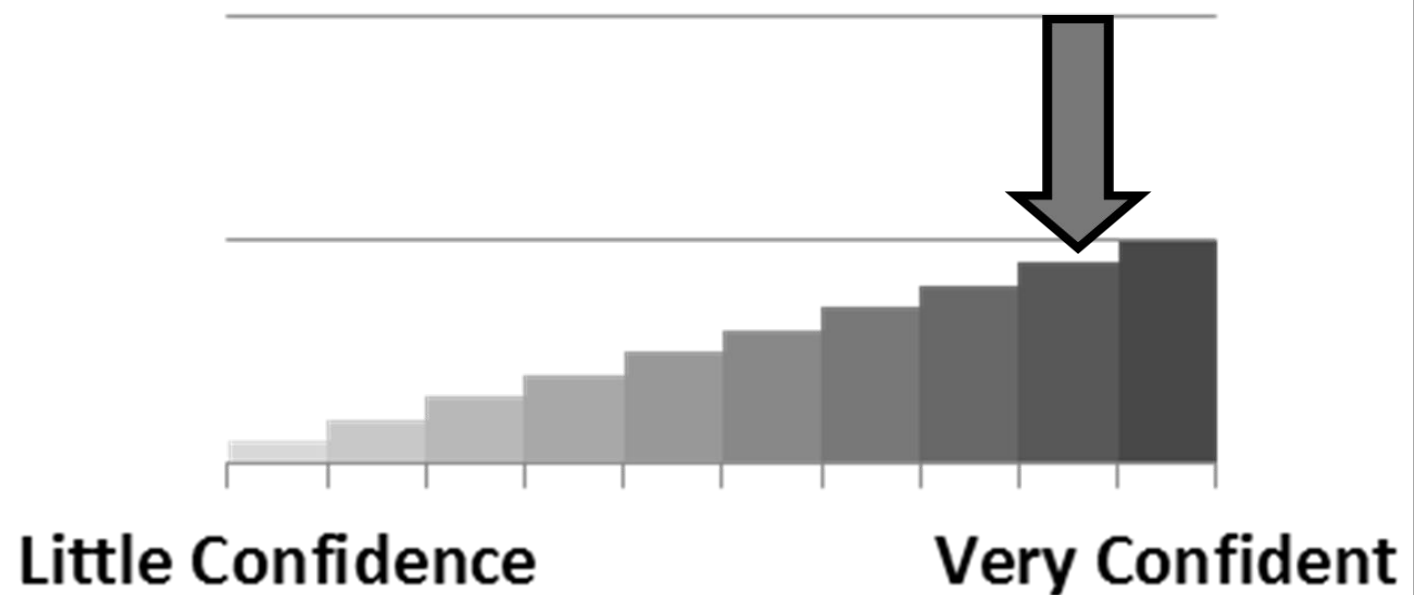
Key Take-Aways

July 7, 2024
11:00 AM

Tropical Storm Beryl

- Prepare for a Cat 2 Hurricane to make landfall late tonight near Matagorda Bay.
- Hurricane and Storm Surge Warnings, and Tropical Storm Warnings remain in effect.
- TS Force winds arrive this evening (~8PM). Any storms in the outer bands today can produce TS Force gusts.
- Storm Surge: 1-3' Baffin Bay, 2-4' Corpus Christi Bay, 3-5' north of Baffin Bay to Mesquite Bay along immediate coast, 4-6' Mesquite Bay north.
- 4-8" of rain, isolated higher may lead to flash flooding and river flooding, primarily across the Victoria Crossroads and northern Coastal Bend. Risk for isolated tornadoes through early Monday.

Forecast Confidence



There is high confidence in the track of Beryl, though still some uncertainty with the exact intensity at landfall.

There is high confidence in dangerous rip currents, areas of damaging winds, significant waves, and heavy rain that could lead to flash and river flooding.





Local Resources

July 7, 2024
11:00 AM

Tropical Storm Beryl

Next Briefing:

5:00 PM

Sunday, July 7th



Web: <https://weather.gov/corpuschristi>



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