

Potential Tropical Cyclone One | June 19, 2024 | 4 AM Update

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

Wed 6/19/2024 4:23 AM

To:Liz Sommerville - NOAA Federal <liz.sommerville@noaa.gov>



Good Evening South Texas partners,

...TROPICAL STORM WARNING IN EFFECT FOR THE COASTAL BEND...

...FLOOD WATCH IN EFFECT FOR ALL OF SOUTH TEXAS...

...COASTAL FLOOD WARNING IN EFFECT...

...HIGH RISK OF RIP CURRENTS IN EFFECT...

Here is the latest information as of 4 AM concerning Potential Tropical Cyclone 1.

What's New?

- The forecast remains on track, with tropical storm development expected sometime this afternoon

Summary of Information as of 4 AM CDT

Location: 22.7N 93.8W, about 410 miles southeast of Port Aransas, Texas

Maximum Sustained Winds: 40 mph

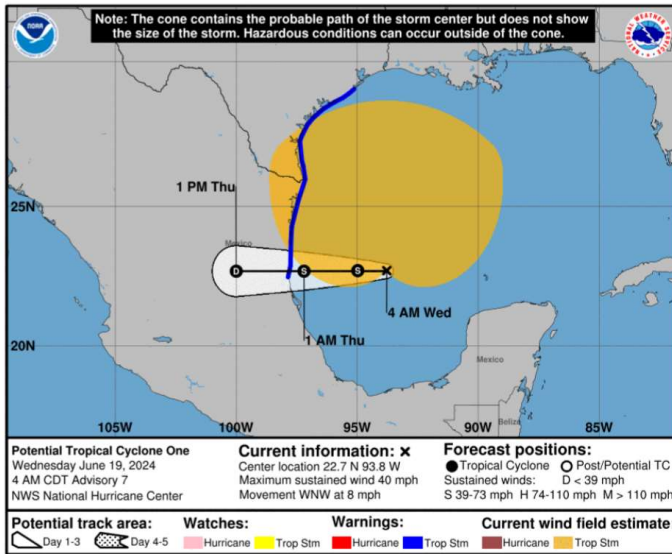
Present Movement: WNW at 8 mph

Minimum Central Pressure: 998 mb



Tropical Update

Potential Tropical Cyclone One



Quick Information

- Tropical Storm Warning remains in effect for the Texas coast from San Luis Pass to the mouth of the Rio Grande.
- Flood Watch is in effect for all of South Texas through Thursday Afternoon. Rainfall Amounts of 4 to 10" with isolated amounts up to 15" Possible.
- Coastal Flood Warning is in effect through Friday Evening for around 3 feet of inundation along area beaches and bays. There is also a High risk of rip currents.



National Weather Service
Corpus Christi, TX

Forecast:

Potential Tropical Cyclone One is beginning to become better organized and is expected to strengthen into a tropical storm later today as it slowly moves west-northwest at 8 mph. Landfall is expected along the northeast coast of Mexico tonight. Regardless of development and the landfall location, several hazards will be felt over South Texas through Thursday due to the large extent and slow movement of this system. The main threats continue to be a moderate to high risk of flash flooding, significant coastal flooding, a high risk of rip currents, river flooding, and wind gusts over 50 mph along the coast. Minor to moderate coastal flooding has already begun along the coast, with water levels reaching some beach access roads. The risk for coastal flooding and a high risk of rip currents will continue through Friday. Expect repeated bands of heavy rain and gusty winds to move inland through today and tonight. Due to anticipated high rainfall rates, flash flooding will be possible. There is also a marginal risk for tornadoes across much of the area today.

Some locations along the coast that could flood are:

- Low spots along Highway 361 on Mustang and North Padre Islands
- Low spots along Park Road 22
- Low spots on North Beach
- Art Museum Parking Lot
- Laguna Shores Drive
- Ocean Drive south of TAMU-CC
- Bay Shore Drive in Ingleside-on-The-Bay
- Aransas Pass Marina
- Fulton Beach Road
- Highway 316 from Magnolia Beach to Indianola
- Waterfront Park areas in Port O'Connor and Port Lavaca

South Texas Impacts:

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

Winds: Winds to over 50 mph possible along the coast. Winds up to 50 knots over marine areas.

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: Significant coastal flooding with around 3 ft of inundation possible across the Middle Texas Coast including the bays between Baffin Bay and Matagorda Bay. In addition, a High risk of rip currents is in effect through Friday afternoon.

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: Rainfall accumulations of 8-10" along the southern Coastal Bend with localized rainfall amounts up to 15". Across the rest of the region, the Rio Grande Plains, Brush Country, and Victoria Crossroads could have amounts as high as 4-8", with locally higher amounts possible.

High

- Major rainfall flooding may prompt many evacuations and rescues.
- Rivers and tributaries may rapidly overflow their banks in multiple places. Small streams, creeks, canals, and ditches may become dangerous rivers. Flood control systems and barriers may become stressed.
- Flood waters can enter many structures within multiple communities, some structures becoming uninhabitable or washed away. Many places where flood waters may cover escape routes. Streets and parking lots become rivers of moving water with underpasses submerged. Driving conditions become dangerous. Many road and bridge closures with some weakened or washed out.

Tornadoes: A few tornadoes are possible today.

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.

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

Potential Tropical Cyclone One

Damaging Winds | Heavy Rainfall | Coastal Flooding

Weather Forecast Office
Corpus Christi, TX

Issued Jun 18, 2024 10:16 PM CDT



Tropical Storm Warning
In Effect through Thursday

- Gusts over 50 MPH possible along the coast
- Gusts up to 50 knots possible over the Bays and Coastal Waters.
- Prepare for power outages across South Texas

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

Expected Rainfall Through Thursday

Weather Forecast Office
Corpus Christi, TX



Heavy Rainfall | Localized Flooding Possible

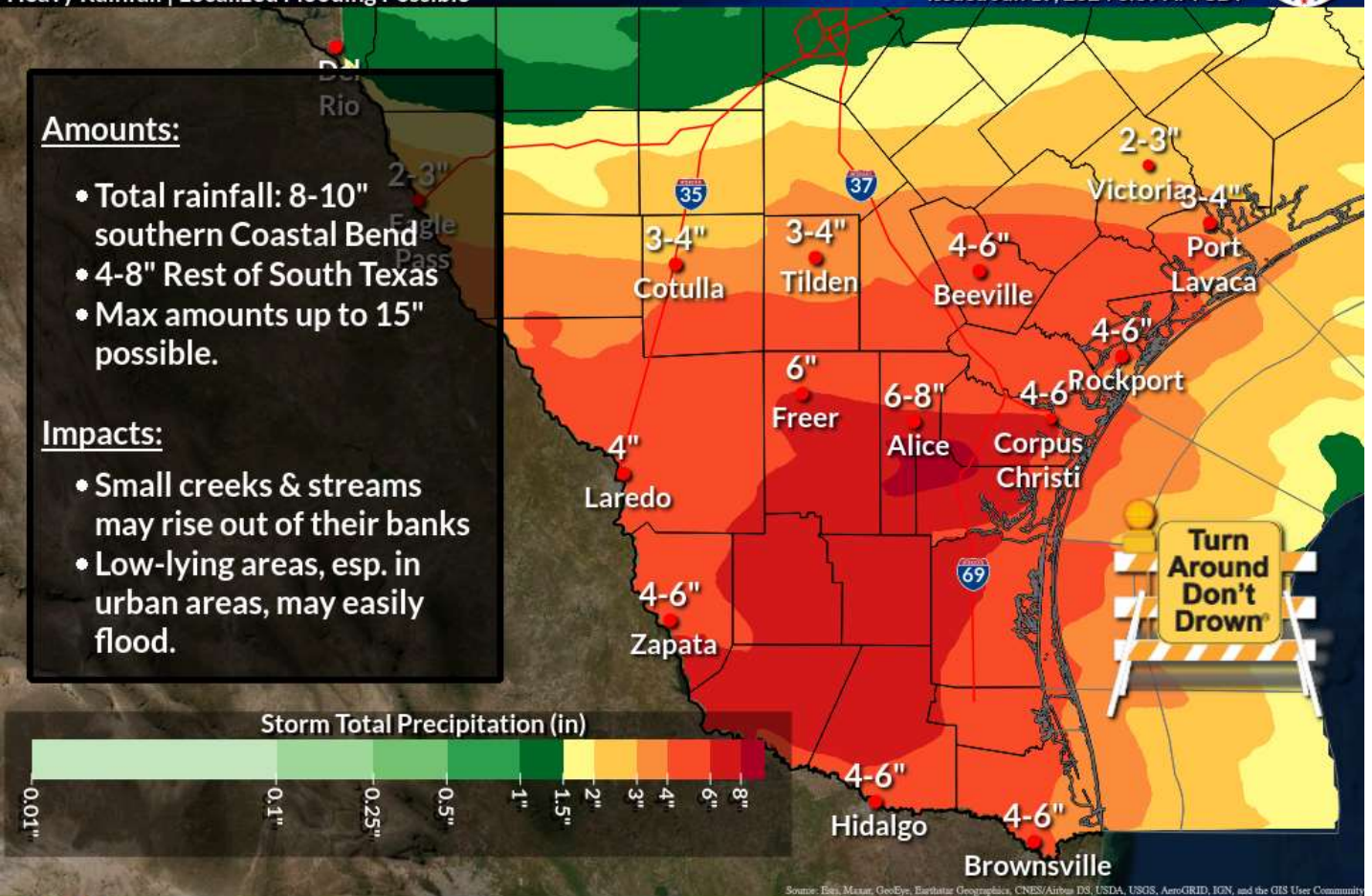
Issued Jun 19, 2024 3:39 AM CDT

Amounts:

- Total rainfall: 8-10" southern Coastal Bend
- 4-8" Rest of South Texas
- Max amounts up to 15" possible.

Impacts:

- Small creeks & streams may rise out of their banks
- Low-lying areas, esp. in urban areas, may easily flood.



Storm Total Precipitation (in)



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Heavy Rainfall Expected

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

Weather Forecast Office
Corpus Christi, TX

Issued Jun 19, 2024 4:12 AM CDT



Flood Watch

In Effect through Thursday Afternoon

- Heavy rain expected
- High rainfall rates can quickly lead to flash flooding

Impacts:

- Small creeks & streams may rise out of their banks
- Low-lying areas, esp. in urban areas, may easily flood.

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

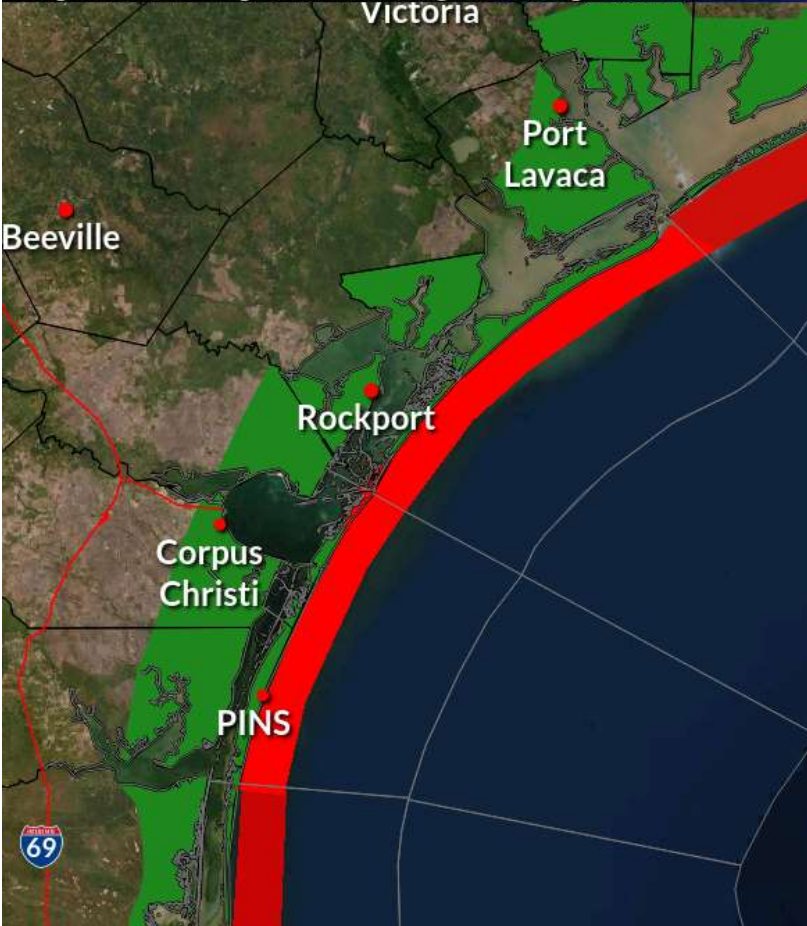
Hazardous Beach Conditions

Weather Forecast Office
Corpus Christi, TX



Dangerous Swimming Conditions Along Gulf-Facing Beaches

Issued Jun 18, 2024 9:24 PM CDT



Coastal Flood Warning
In effect through Friday Evening

- Moderate to major coastal flooding along the Middle Texas coast
- Up to 3 ft of beach inundation above ground possible

High Risk of Rip Currents
In effect through Friday Afternoon

- Dangerous swimming conditions expected, especially near piers & jetties

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

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Next Update:

By 11 AM, or as conditions warrant.

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

Sincerely,
Liz Sommerville
NWS Corpus Christi, TX

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