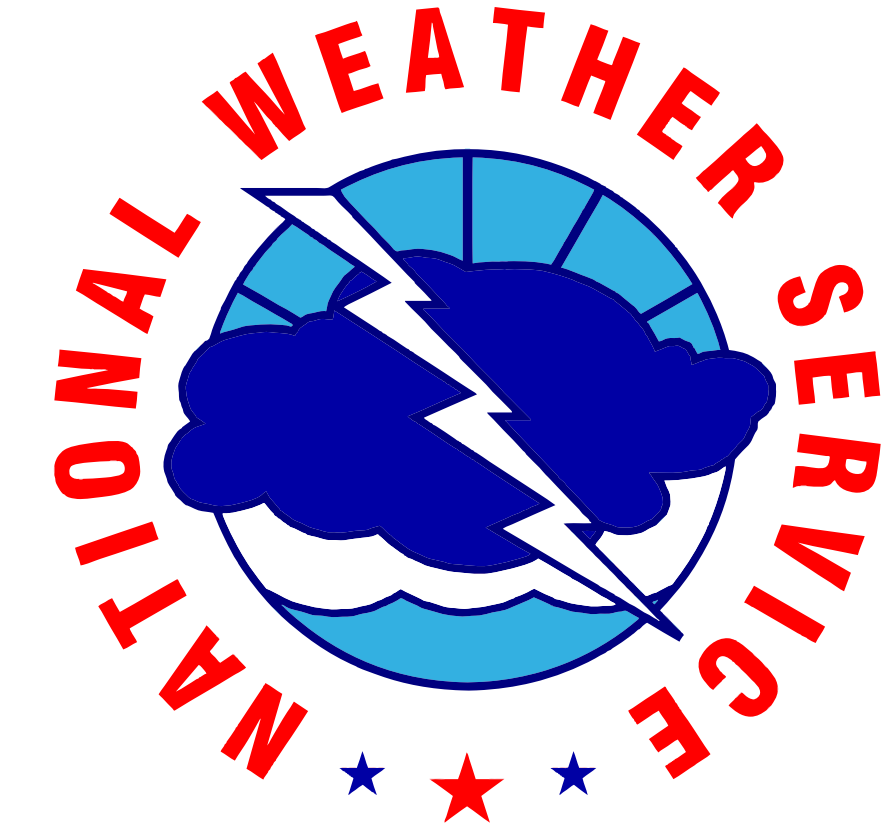


# Hurricane Harvey's Impacts across South Texas



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## Introduction

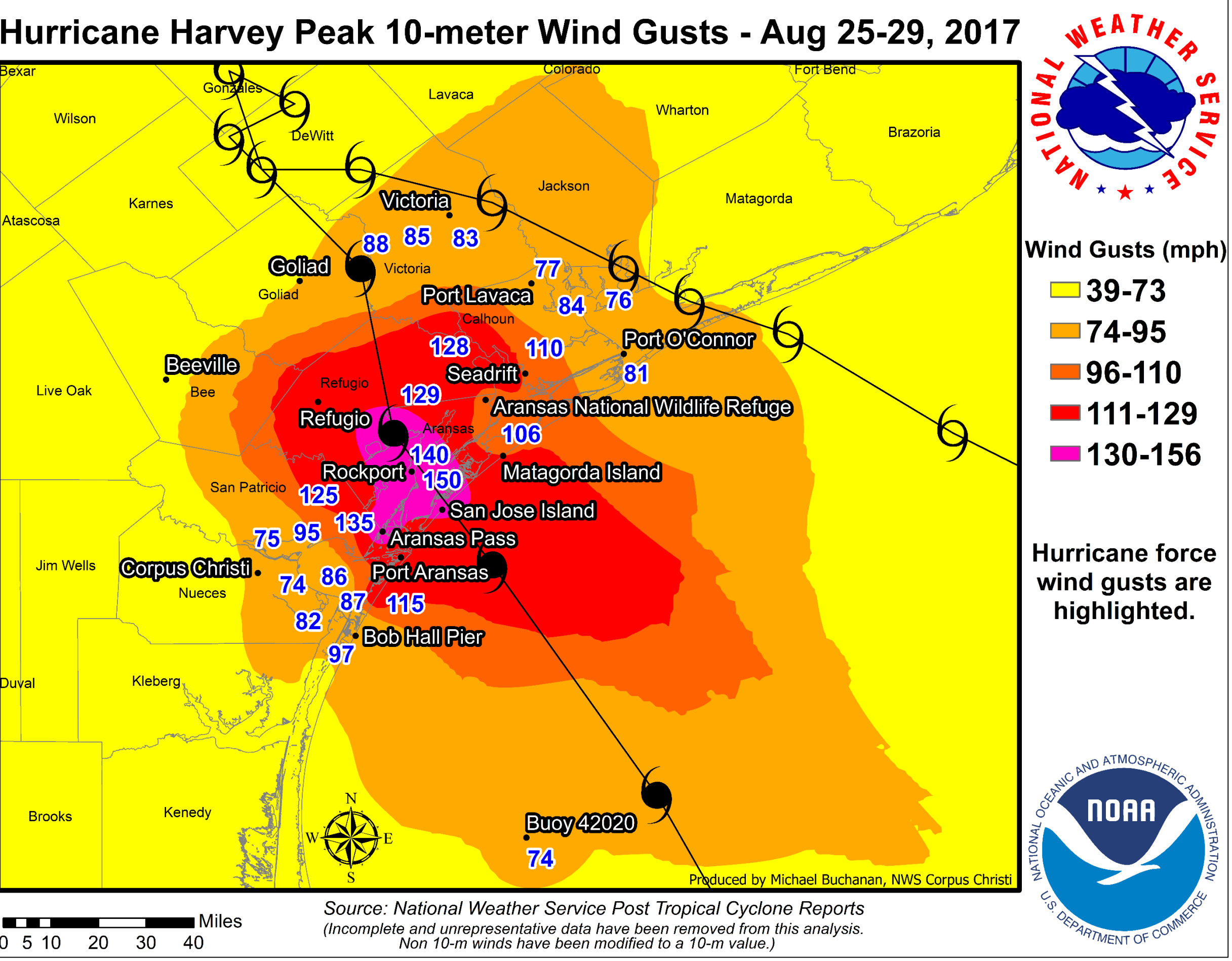
Category 4 Hurricane Harvey made landfall on San José Island (~30 miles east-northeast of Corpus Christi, Texas) at approximately 1000 PM CDT on August 25, 2017. Harvey produced significant to catastrophic wind damage to tens of thousands of structures across South Texas. Aransas Pass, Bayside, City-by-the-Sea, Copano Village, Fulton, Holiday Beach, Lamar, Port Aransas, Refugio, Rockport, and Tivoli were the hardest hit areas as they experienced major hurricane force winds from Harvey's inner eyewall. Devastating storm surge up to 12.5 ft produced extensive damage to many coastal communities.

Harvey was the first Category 4 hurricane to make landfall along the Texas coast since Hurricane Carla in 1961. Harvey was also the first major hurricane to make landfall along the middle Texas coast since Hurricane Celia in 1970.

## Harvey Facts

- Harvey rapidly intensified from a **Tropical Depression to a Major Hurricane in 40 hours**.
- Harvey rapidly intensified from a **Tropical Storm to a Major Hurricane in 28 hours**.
- Tied for 17<sup>th</sup> strongest U.S. land-falling hurricane at **938 mb**.
- Peak 10-meter 1-sec Wind Gust of **150 mph** observed at the Rockport Airport @ ~0318Z Aug 26<sup>th</sup> (Center for Severe Weather Research).
- Peak Storm Surge of **12.5 feet** observed at the Aransas National Wildlife Refuge (National Weather Service Storm Survey).
- Strongest inner eyewall mesovortex of **228 mph** at 2522 feet AGL over San José Island @ 0131Z Aug 26<sup>th</sup> (KCRP Doppler Radar).
- 2<sup>nd</sup> highest crest of all-time (31.25 ft) at Guadalupe River @ Victoria.
- **0 direct fatalities in South TX** with 3 indirect fatalities.
- 14 direct injuries in South TX with up to ~100 indirect injuries.
- **~15k structures destroyed/major damage**, ~40k structures damaged.
- Total damage estimates around **\$4.6 billion** across South TX.
- **~8.6M Twitter impressions, ~1.5M Facebook total reach** (8/21-9/4).
- **~1400 IDSS actions** (tweets, FB posts, texts, briefings, webinars).
- 2 local staff deployed to the EOCs in Corpus Christi and Victoria.

## Wind (Peak 150 mph gust at Rockport)

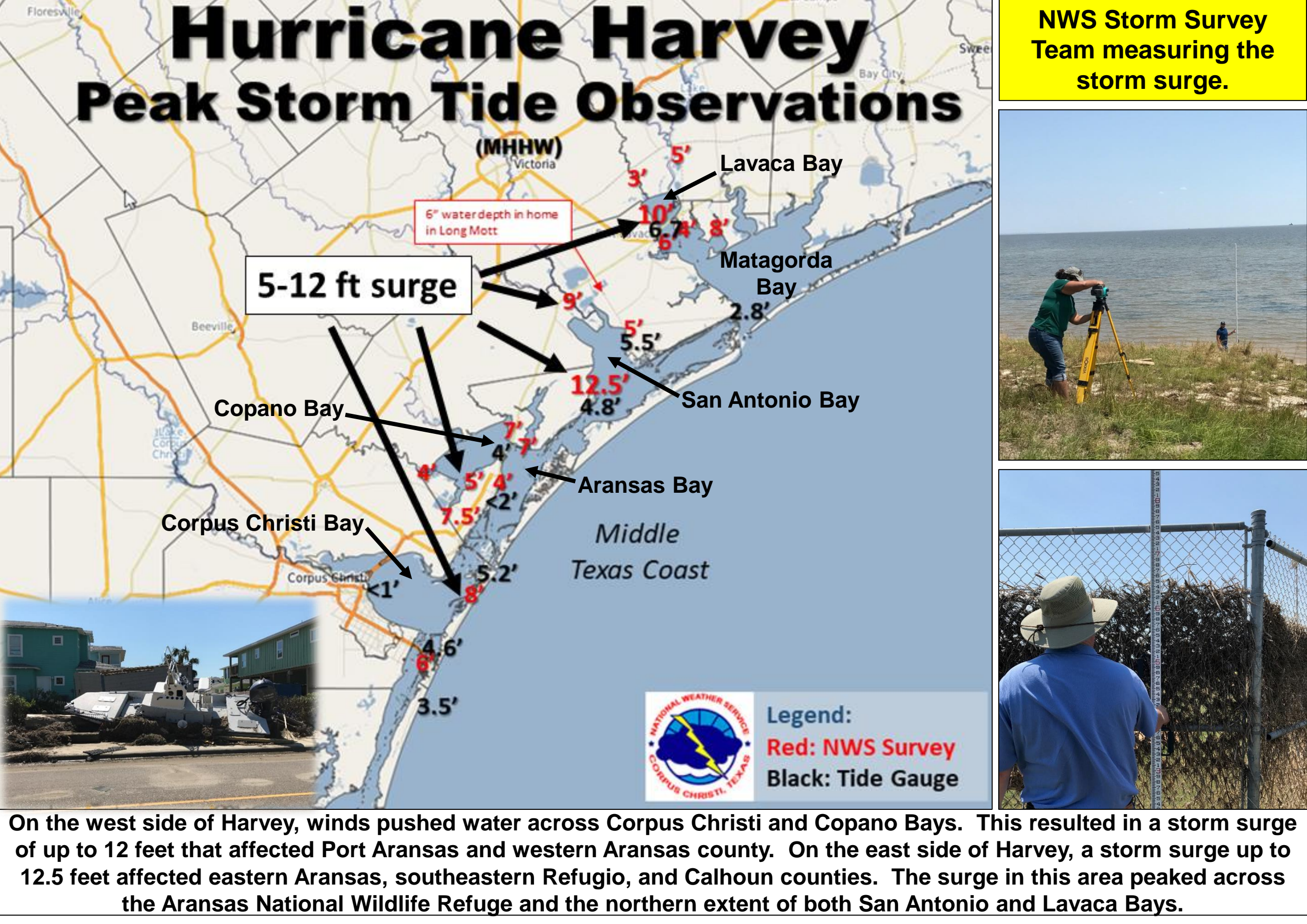


Extreme Wind Warning  
National Weather Service Corpus Christi TX  
456 PM CDT FRI AUG 25 2017

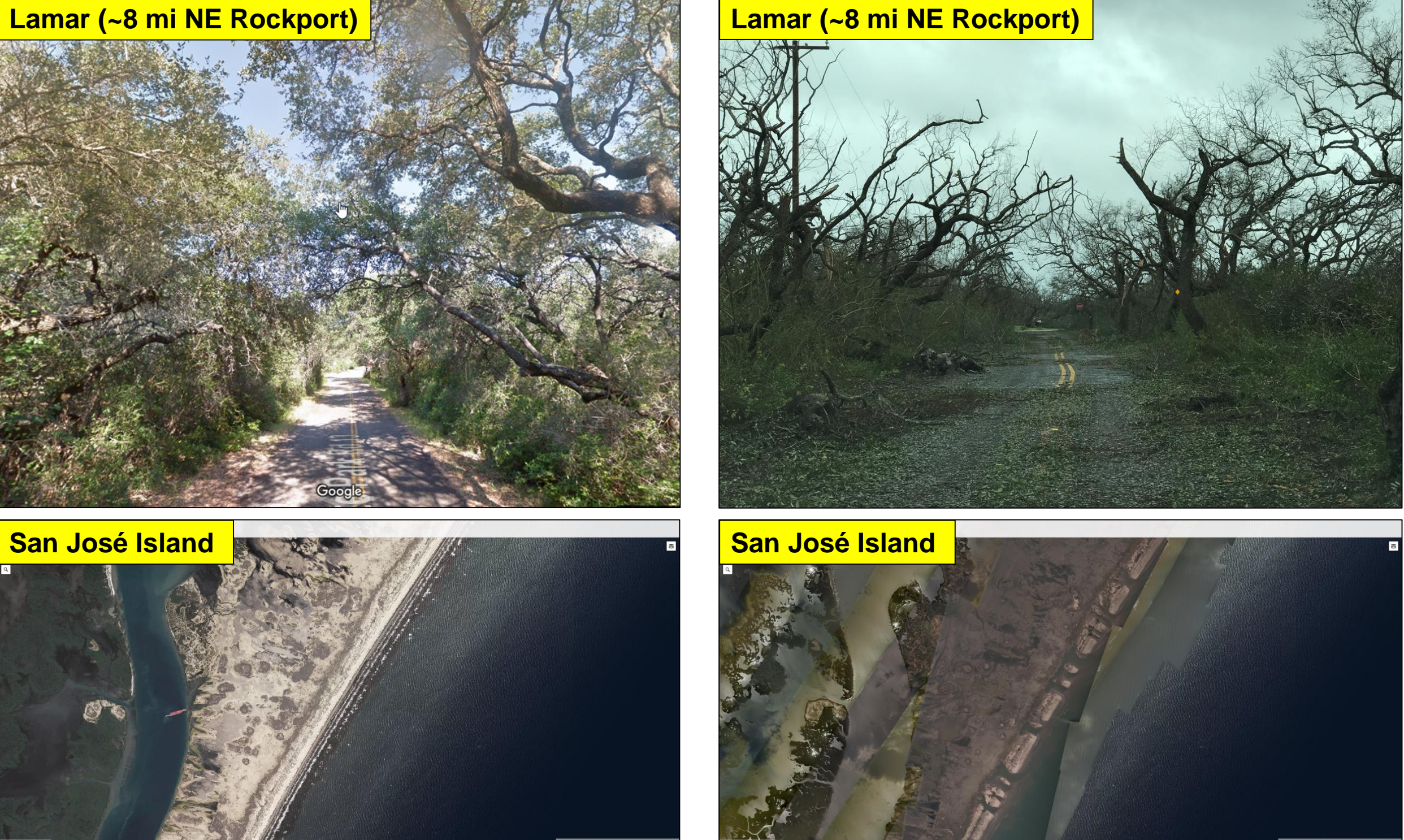
The National Weather Service in Corpus Christi has issued a

- \* **Extreme Wind Warning** for...  
Southwestern Calhoun County in south Texas...  
Aransas County in south central Texas...  
East central Nueces County in south central Texas...  
Eastern San Patricio County in south central Texas...  
Central Refugio County in south central Texas...
- \* Until 700 PM CDT
- \* At 454 PM CDT, National Weather Service Doppler radar indicated **extreme winds, associated with the eyewall of Hurricane Harvey**, were moving onshore 17 miles east of Key Allegro, or 18 miles east of Rockport, moving northwest at 25 mph. **This is an extremely dangerous and life-threatening situation!**

## Storm Surge (Peak 12.5 feet at the Aransas National Wildlife Refuge)



## Before and After Imagery



## Wind and Storm Surge Damage Photos



## Contact Information

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## Timeline of a few key events that occurred before, during, and after the landfall of Harvey

