



Hydrologic Briefing Tropical Storm Harvey

6:30 AM CDT
Monday, August 28, 2017

Prepared by:
Christopher Rothwell

Situation Overview

Tropical Storm Harvey



Corpus Christi
WEATHER FORECAST OFFICE

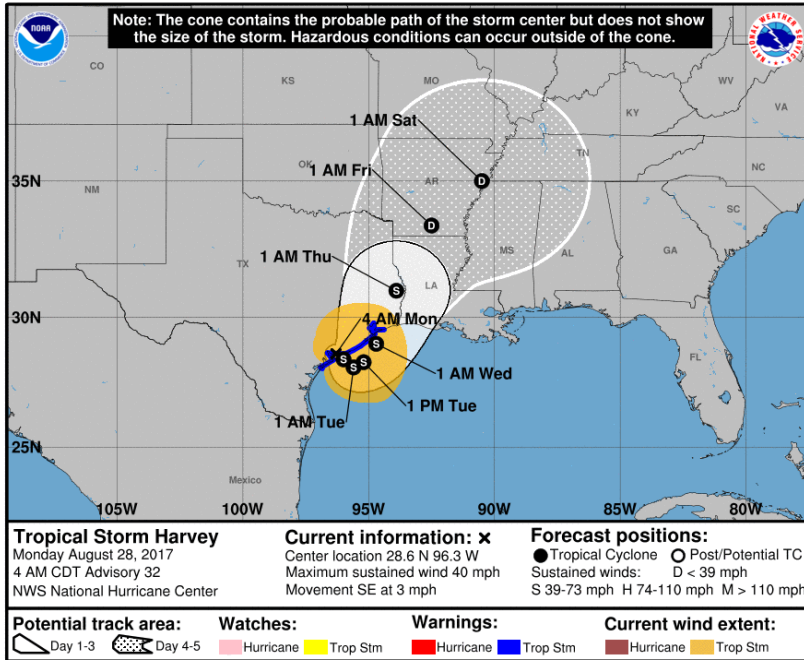
- Harvey is located about 15 miles NNE of Port O'Connor and is moving slowly to the southeast. This general motion will continue today as it moves into the Gulf of Mexico. A slow northeast motion is expected to begin on Tuesday. Some slight restrengthening is possible after the center moves off the coast later today and Tuesday.
 - Tropical Storm Warning remains in effect from Mesquite Bay to Port O'Connor including the adjacent coastal counties.
- The heavy rainfall threat has decreased markedly and shifted east. Localized accumulations of 2 to 4 inches possible across Victoria and Calhoun counties today through Wednesday. Life threatening flooding continues over southeast Texas, especially the Houston area.
- Still Forecasting Major Flooding on Garcitas Creek, Guadalupe River, Coletto & Copano Creeks.

Situation Overview



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Tropical Storm Harvey



A second TX landfall between Galveston and the LA/TX border is expected sometime between Wednesday and Thursday.

Northwest wind gusts of 30-40 mph possible this morning, especially around and east of Corpus Christi.

Hazardous marine conditions persist.

Current Radar

Harvey

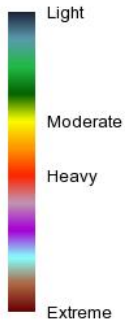


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Radar Reflectivity

National Weather Service

Valid Monday August 28th, 2017 at 6:24 AM CDT



Graphic Created
August 28th, 2017
6:27 AM CDT

- Heaviest rains currently east of Houston area.
- Streaks of light rain continue from near Goliad to east of Corpus Christi Bay.

Forecast Rainfall Totals thru Wednesday

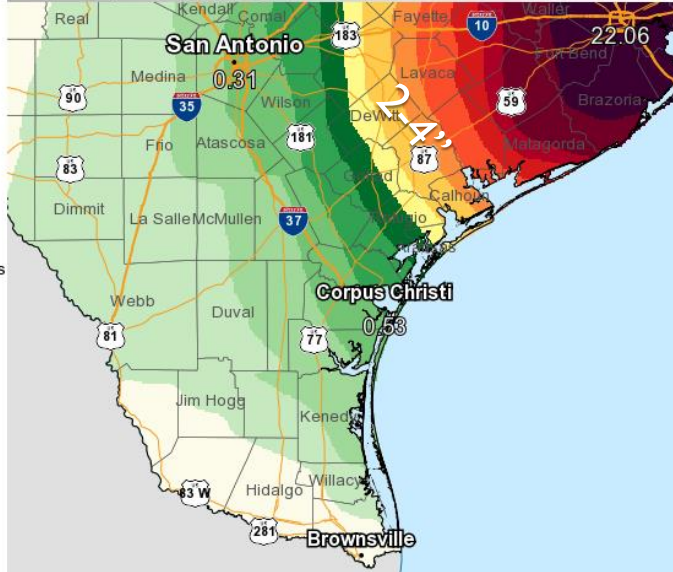


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Forecast Precipitation

National Weather Service

Valid Ending Wednesday August 30th, 2017 at 7 PM CDT



Graphic Created
August 28th, 2017
6:21 AM CDT

- Rainfall totals of 2 to 4", through Wednesday across Calhoun and Victoria counties.
- Isolated multi-day total amounts as high as 50" in Houston area.

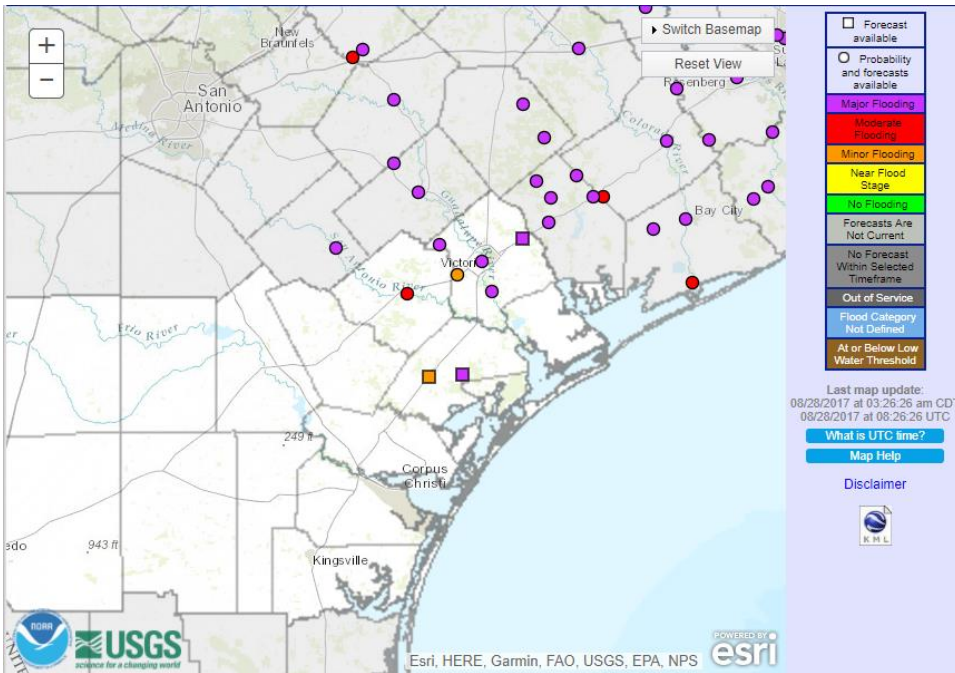


River Flooding

Based on observed and forecast rainfall for next 72 hours



Corpus Christi
WEATHER FORECAST OFFICE



Still Forecasting Major Flooding on Garcitas Creek, Guadalupe River, Coleto & Copano Creeks.

Life threatening flooding threat still possible for Guadalupe River and Victoria area.

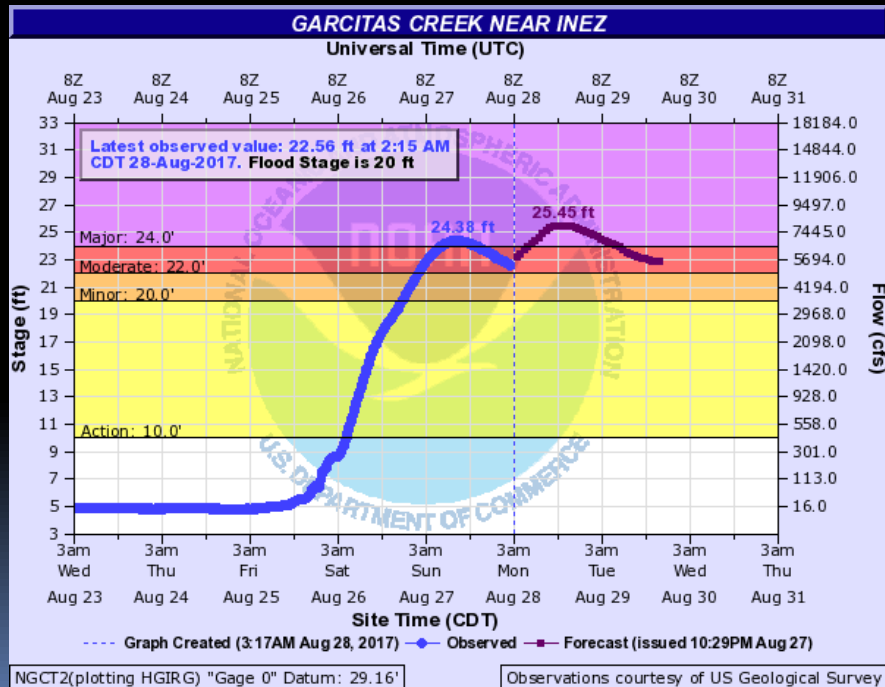
The colored symbols represent the latest forecast river level (not current river level)



Garcitas Creek near Inez

Major Flooding Expected

Forecast/Impacts:



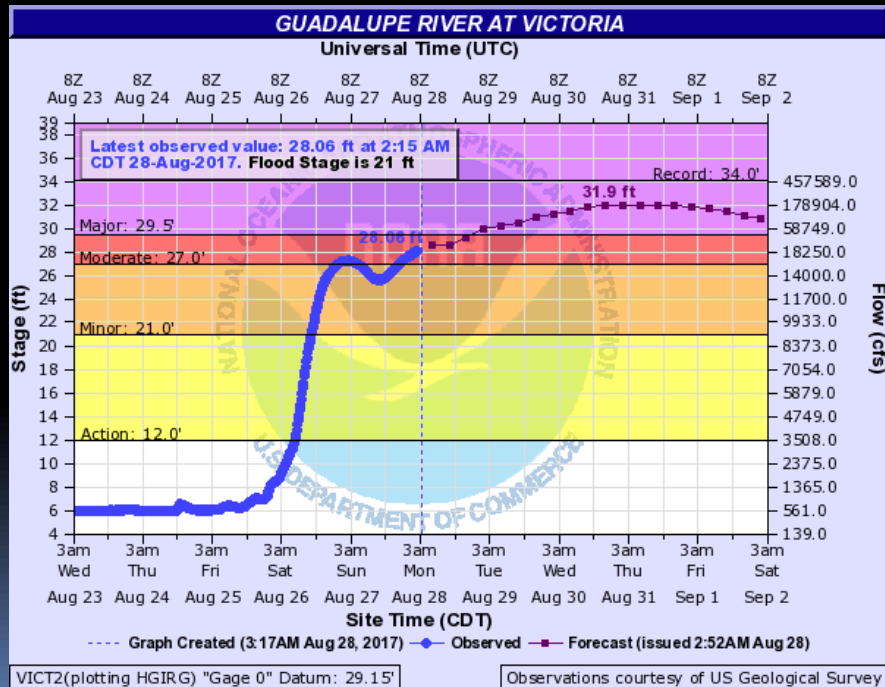
- ❑ Major flooding expected.
- ❑ Second, higher crest near 25.5 feet this afternoon.
- ❑ At 24 ft., significant crop loss occurs. Areas of pastureland and cattle are cut off. Numerous primary and secondary roads and bridges flood, including the east approach to the Highway 59 access road bridge.



Guadalupe River At Victoria

Major Flooding Expected

Forecast/Impacts:



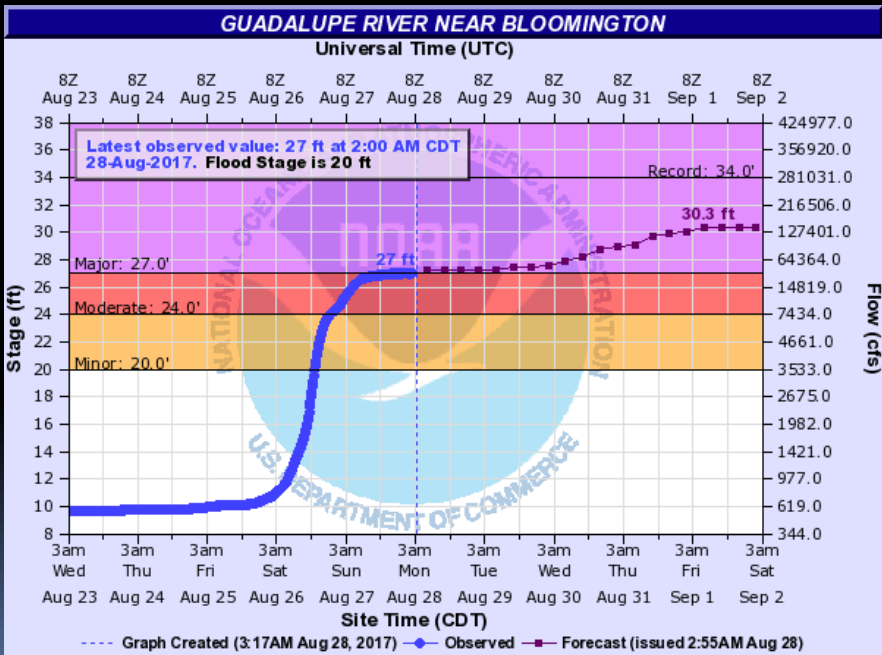
- ❑ Major flooding expected
- ❑ Crest around 32 feet starting late Wednesday/early Thursday.
- ❑ At 31 ft, 40 square block of Greens Addition Subdivision are generally flooded. Areas west of Moody Street between Water Street and Constitution Street flood and access may be limited, including homes near Club Westerner. Much of the flood plain below the confluence is flooded several miles wide.



Guadalupe River Near Bloomington

Major Flooding Occurring

Forecast/Impacts:



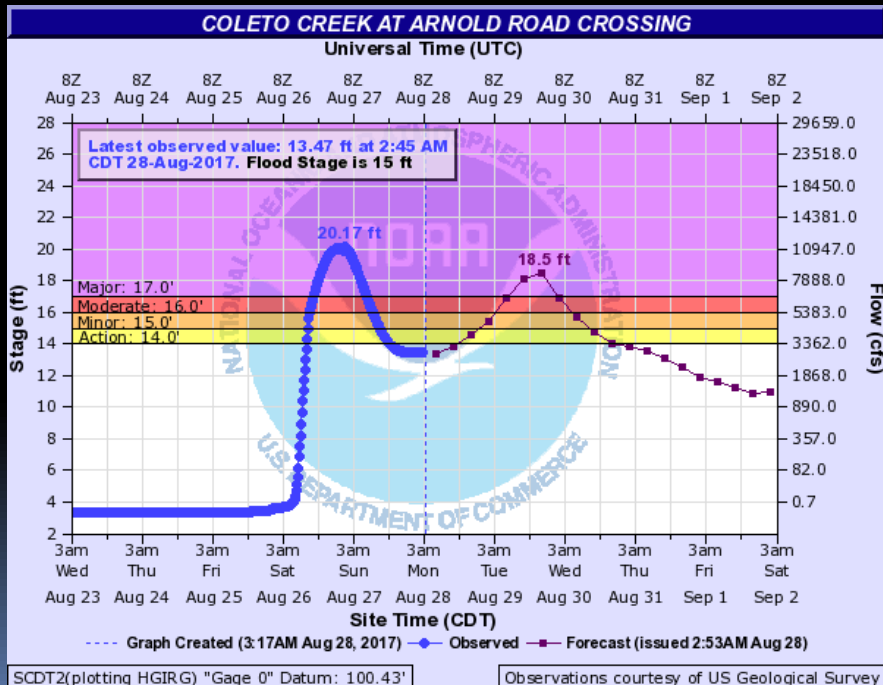
- ❑ Major flooding expected
- ❑ Continue rising to near 30 feet Friday. Higher rises possible!
- ❑ At 28 ft, water approaches the levees near the San Antonio River confluence. Miles of Highway 35 and the flood plain near it flood, cutting off many homes and flooding a fishing camp near Tivoli. Livestock are cut off and may drown.



Coletto Creek at Arnold Road Crossing

Major Flooding Expected

Forecast/Impacts:



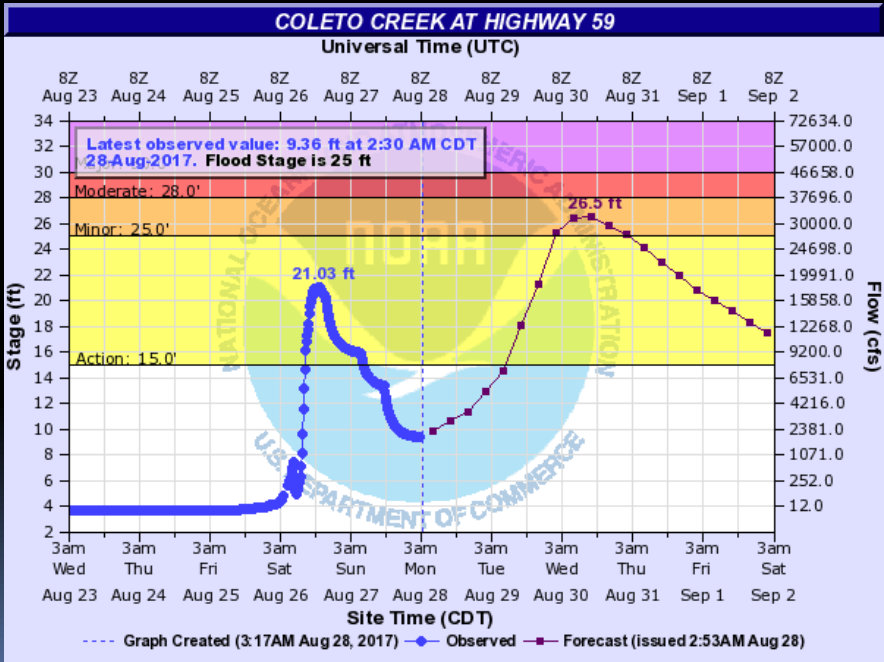
- ❑ Major flooding expected again Tuesday.
- ❑ Second crest around 18.5 feet late Tuesday.
- ❑ At 17 feet, livestock are cut off. Roads and bridges near the river are flooded and dangerous



Coletto Creek at Highway 59

Minor Flooding Expected

Forecast/Impacts:



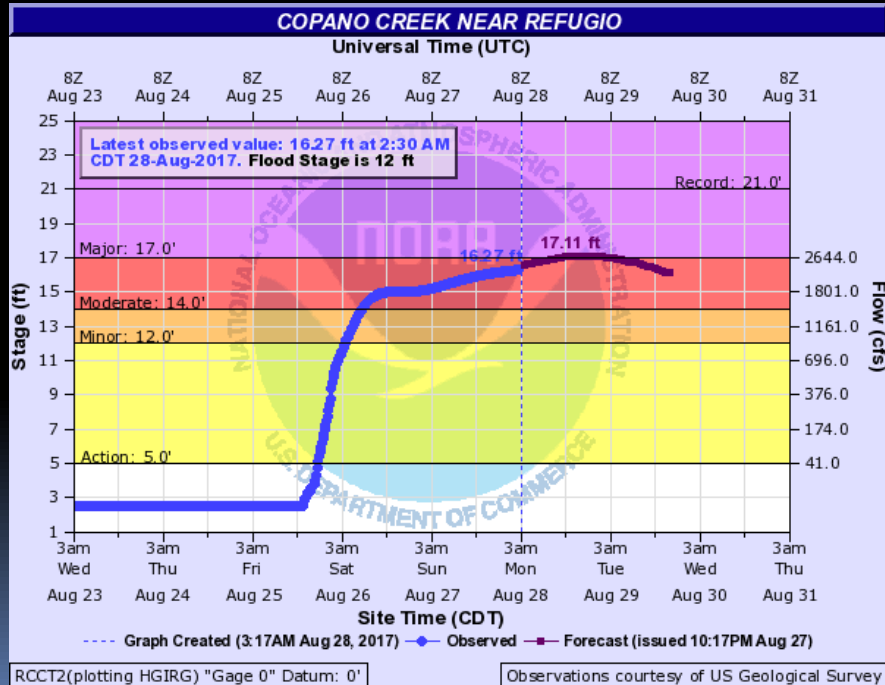
- Minor flooding expected (based on anticipated releases from Coletto Creek AND basin rainfall)
- Crest near 26.5 feet Wednesday
- At 25 ft, Camino Drive is inundated. Livestock below Highway 59 to the Guadalupe River confluence are cut off.



Copano Creek Near Refugio

Major Flooding Expected

Forecast/Impacts:



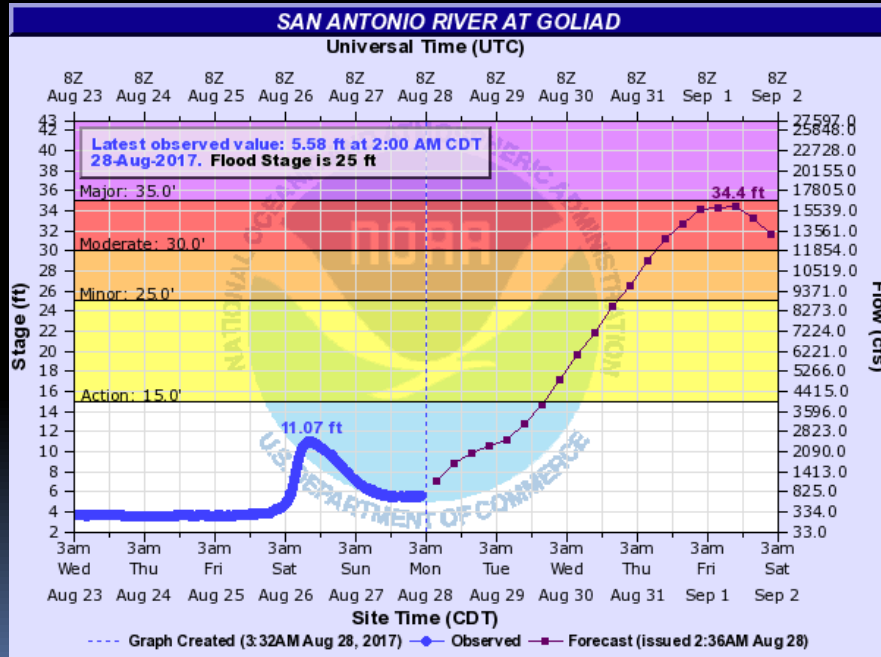
- ❑ Major flooding expected
- ❑ Crest around 17 feet starting this morning.
- ❑ At 17 feet, the river is 200 yards wide at the Farm to Market 774 bridge.



San Antonio River At Goliad

Moderate Flooding Expected

Forecast/Impacts:



- ❑ Moderate flooding expected
- ❑ Crest near 34.5 feet Thursday.
- ❑ At 33-35 ft, roads, many camp sites, RV and temporary shelter sites in Goliad State Park flood. Hundreds of livestock downstream of the flood plain are cut off and may drown.



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Next Update: 10:30 AM
Monday, August 28, 2017