



# TROPICAL STORM HARVEY BRIEFING

11 PM CDT  
Saturday, August 26, 2017

Prepared by:  
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- Harvey remains a tropical storm with max sustained winds of 50 mph.
- Tropical storm warnings continue.
- Storm surge warnings remain in effect from Port Aransas to Port O'Connor for inundation of 3-6 feet above ground level.



- Harvey has become nearly stationary northwest of Victoria. Harvey is currently forecast to meander back to the south near the coast over the next several days, bringing more prolonged, heavy rains to the region.
- Catastrophic & life-threatening flooding with 15-25” with isolated +30” totals east of Rockport to Goliad line. Lesser but still significant and dangerous amounts SW of the line.
- Rises to moderate to major flood stage anticipated along rivers.



# Current Radar View



Corpus Christi  
WEATHER FORECAST OFFICE

Harvey

## Current Conditions

Winds: 50 mph

Motion: ENE at 1 mph

Pressure: 994

Center Position: 40  
miles NW of Victoria

Harvey will likely weaken  
to a tropical depression  
on Sunday.



# 48 hr Rainfall Totals through 9 PM

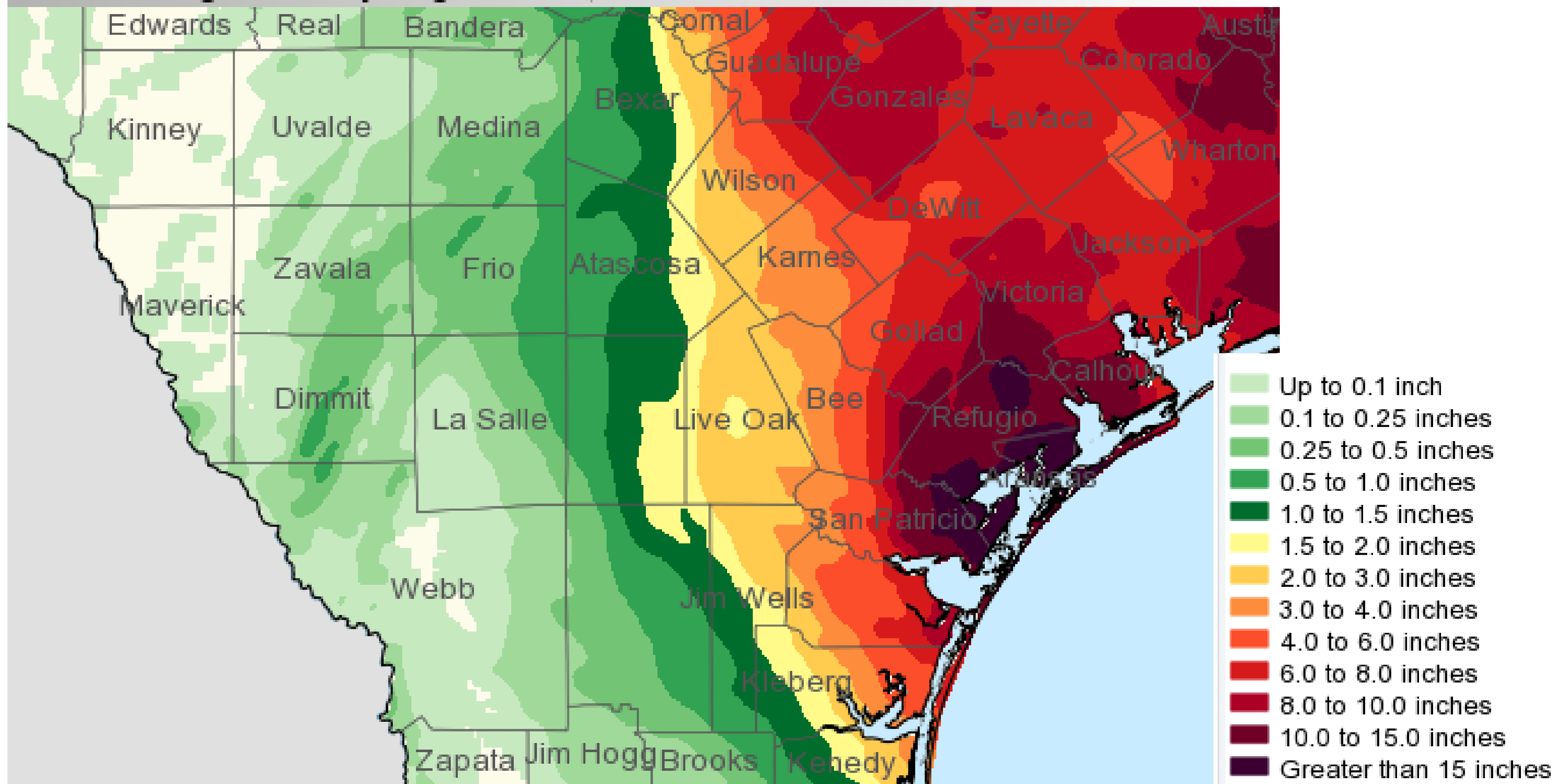


Corpus Christi

WEATHER FORECAST OFFICE

Harvey

Valid Ending Saturday August 26th, 2017 at 9 PM CDT



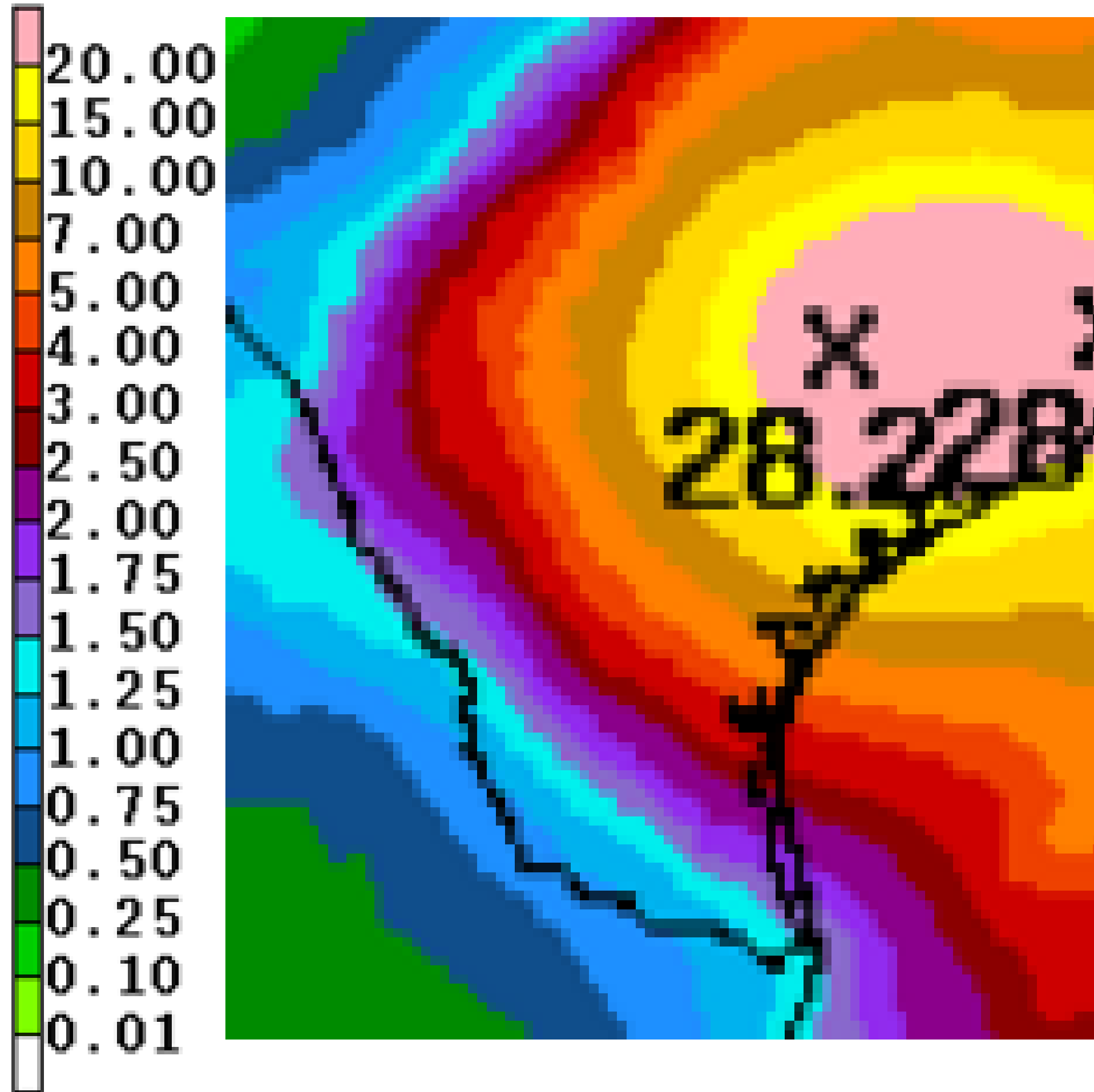


# Forecast Rainfall Totals



Corpus Christi  
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Harvey



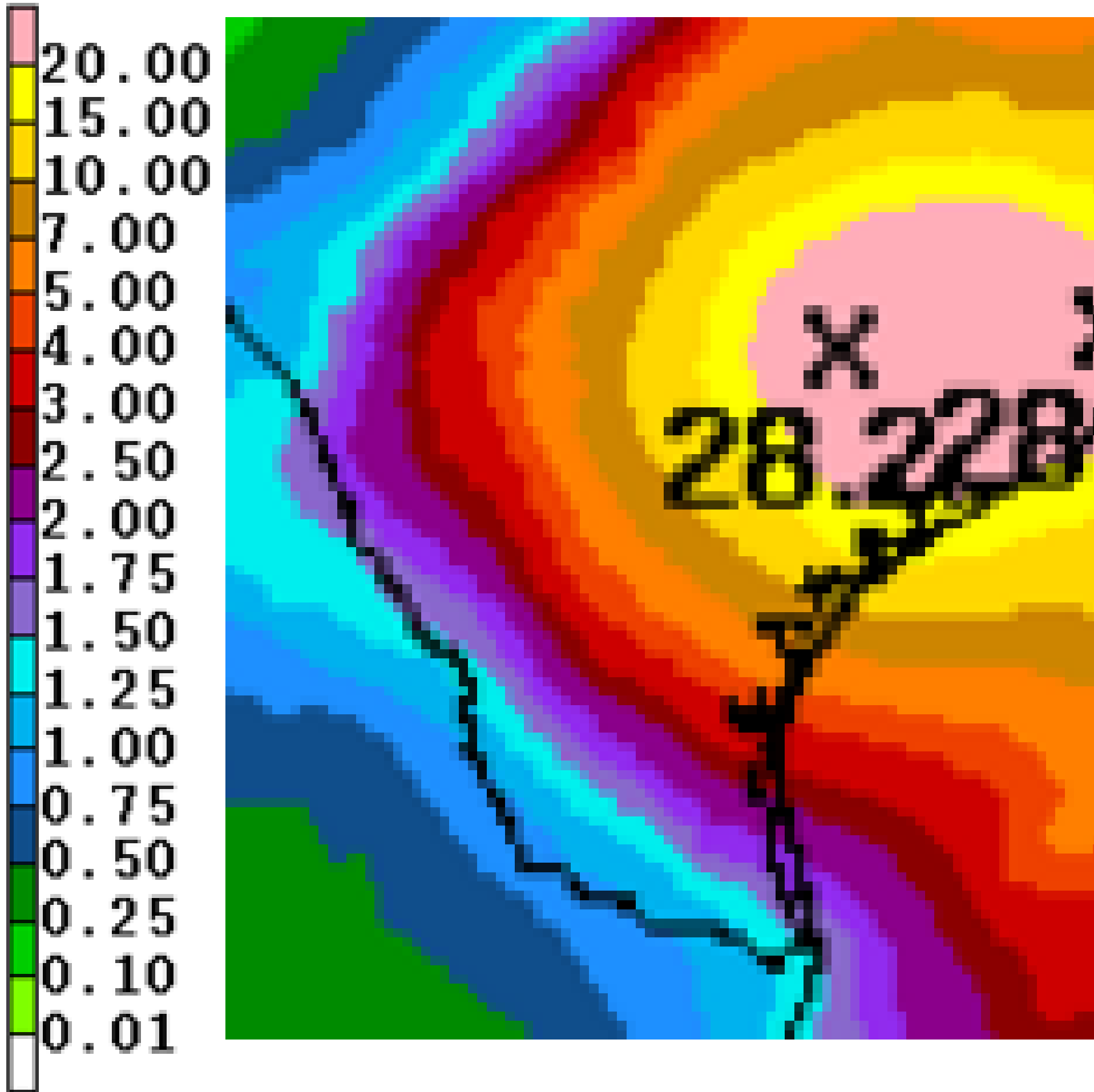
- A prolonged, heavy rainfall event is forecast to unfold as Harvey meanders around South Texas through mid week.
- Catastrophic, life-threatening flooding is expected across portions of the region
- Storm total rainfall amounts of 15-25" with isolated +30" amounts will be possible east of a line from Rockport to Goliad. This includes the city of Victoria.

# Forecast Rainfall Totals



Corpus Christi  
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Harvey



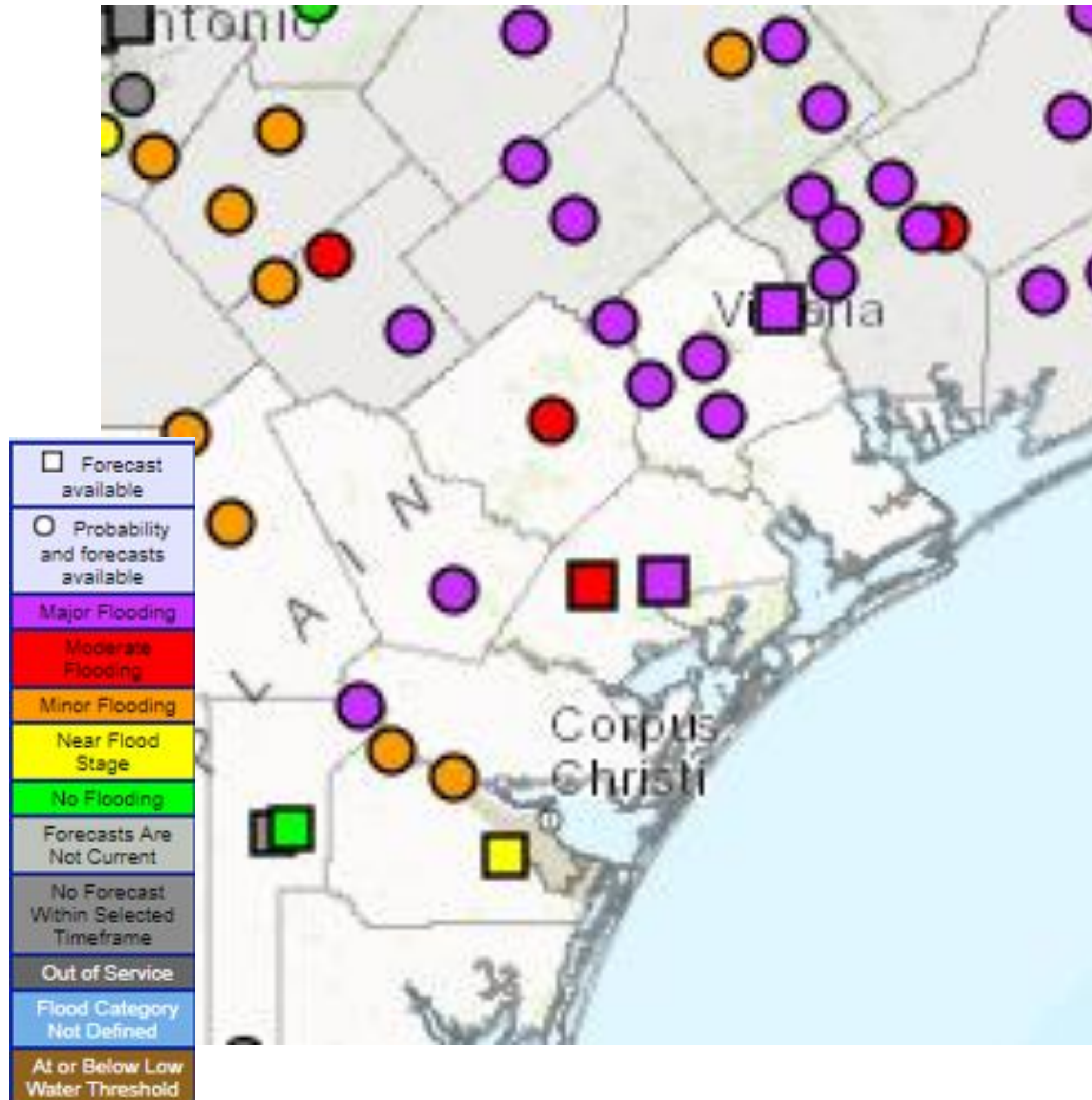
- To the SW of the Rockport to Goliad line, 5 to 15 inches of rain will be possible. This includes the city of Corpus Christi.
- Locally higher amounts will be possible across the region.
- Rainfall amounts will drop off significantly west of HWY 16, generally less than 5 inches.
- **Flash Flood Watch in Effect**

# River Flooding

Continued Rains from Harvey



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WEATHER FORECAST OFFICE



- Most rivers across the Victoria Crossroads are forecast to reach moderate to major flood stage within the next several days
- Catastrophic & life threatening flooding expected
- All river rises based on forecast rainfall!

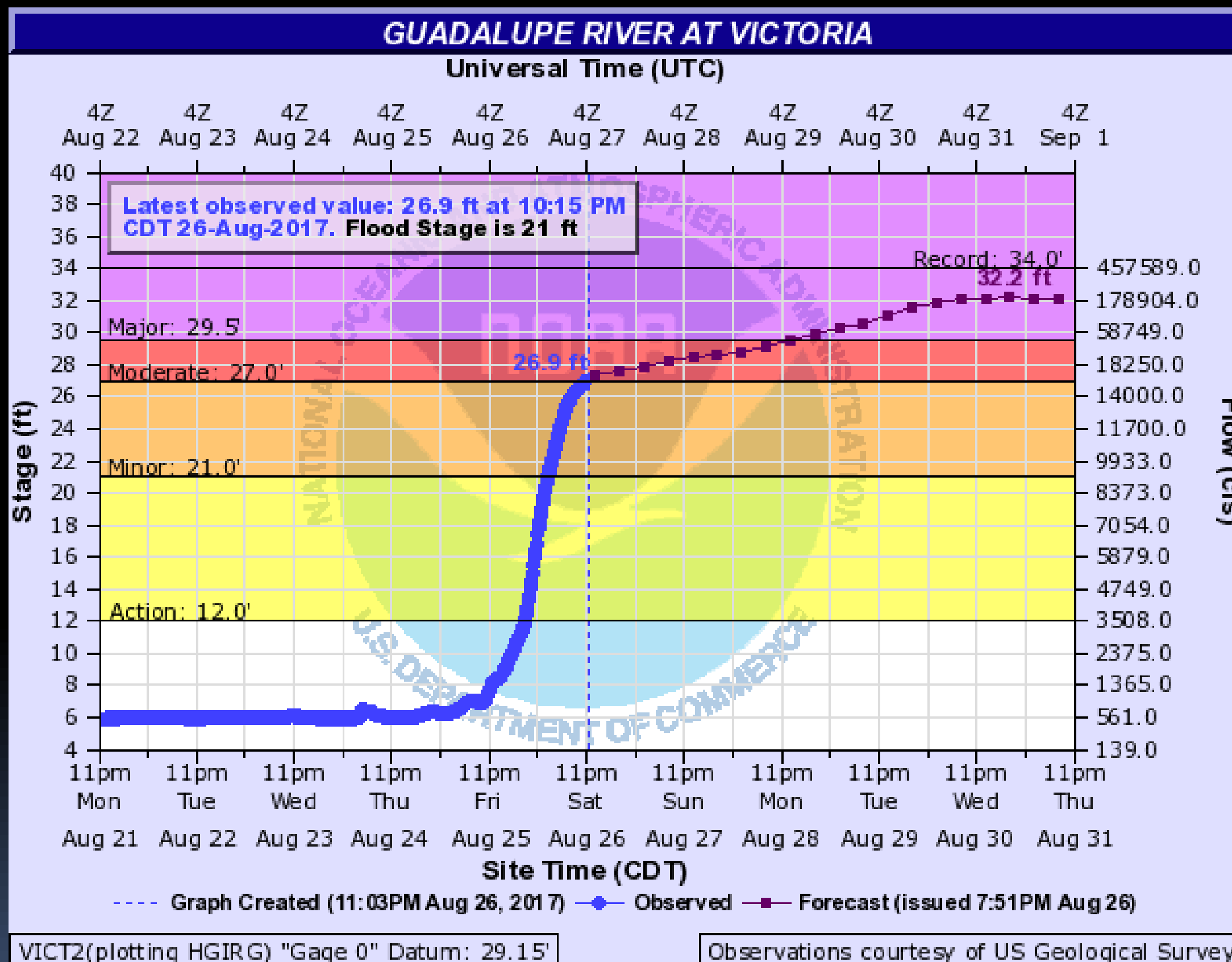




# Guadalupe River At Victoria

## Major Flooding Expected

### Forecast/Impacts:



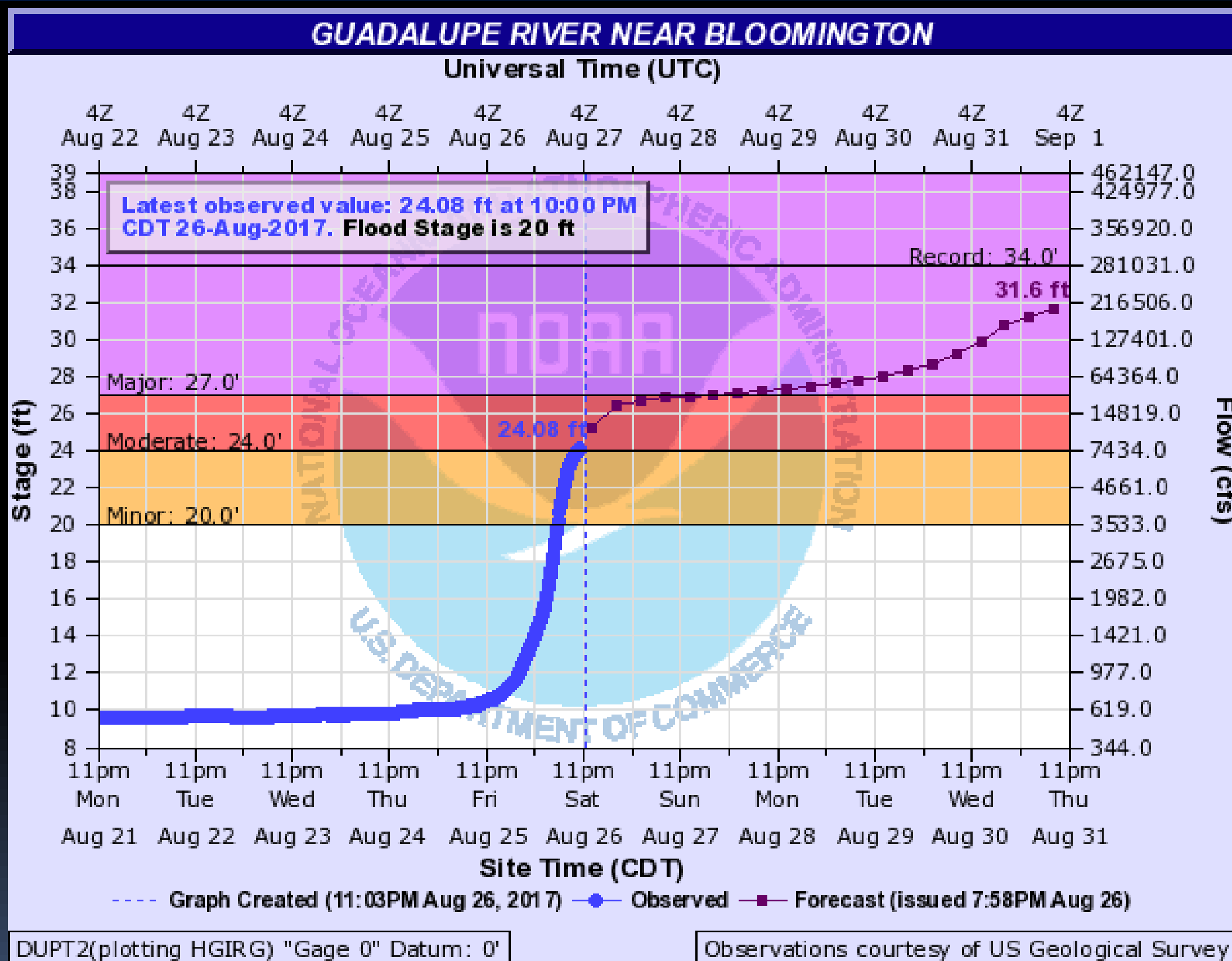
- ❑ Major flooding expected
- ❑ Crest around 32.2 feet late Wednesday/early Thursday.
- ❑ At 32.2 ft, at least 40 square block of Greens Addition Subdivision are flooded. Areas west of Moody Street between Water Street and Constitution Street flood. Flooding increases in Riverside Park, including much of the golf course, and Texas Zoo. Much of the flood plain below the confluence is flooded several miles wide.
- ❑ 32.2 ft is the 100 year flood!



# Guadalupe River Near Bloomington

## Major Flooding Expected

### Forecast/Impacts:



- ❑ Major flooding expected
- ❑ Continue rising to near 31.6 feet on Thursday. 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.
- ❑ 34.0 ft. is the flood or record.

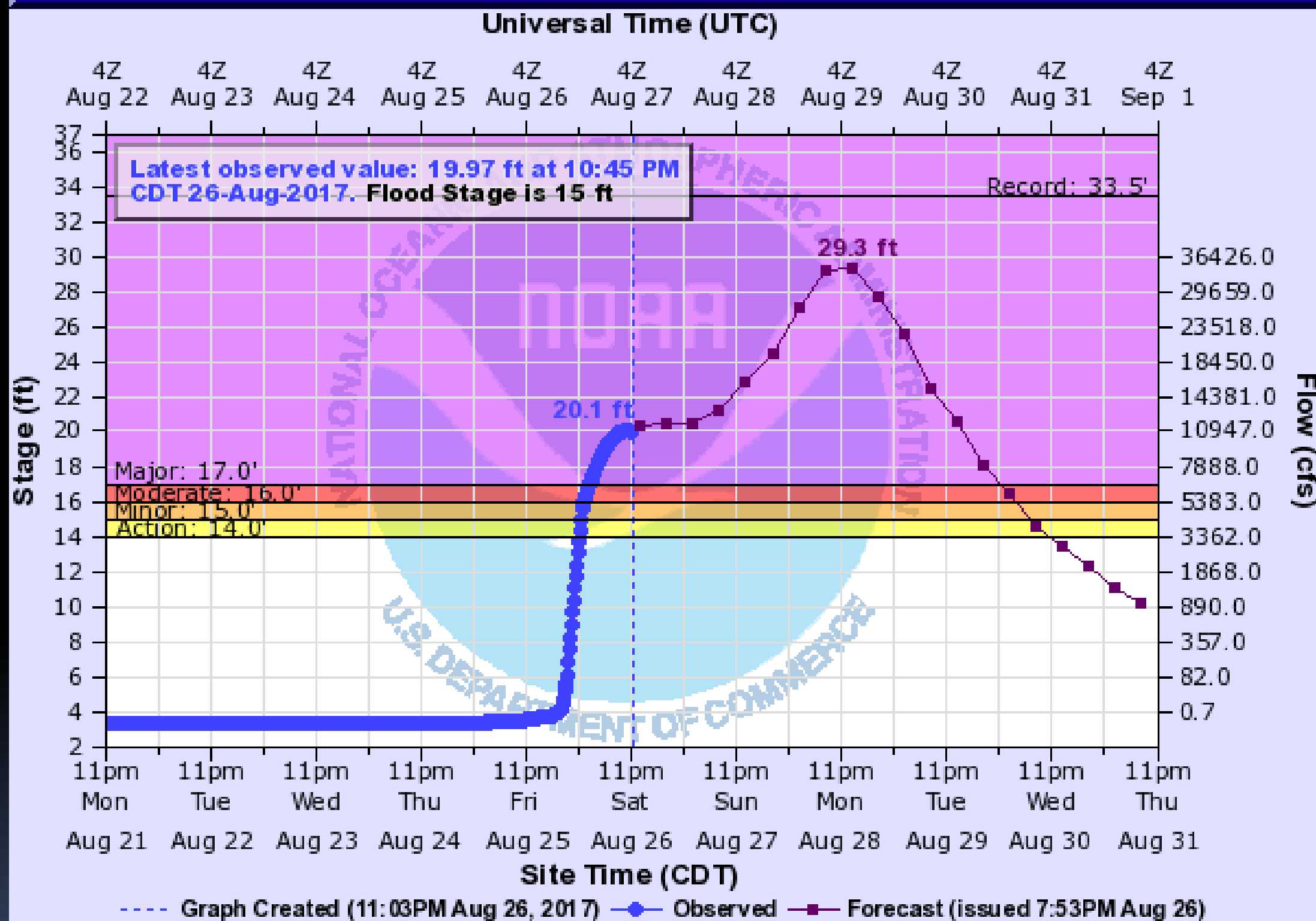


# Coletto Creek at Arnold Road Crossing

## Major Flooding Occurring

### Forecast/Impacts:

COLETO CREEK AT ARNOLD ROAD CROSSING



SCDT2(plotting HGIRG) "Gage 0" Datum: 100.43'

Observations courtesy of US Geological Survey

- ❑ Major flooding occurring with higher rises expected.
- ❑ Crest around 29.3 feet late Monday/early Tuesday.
- ❑ At 28 feet, water is to the lowest portion of the new bridge. Low water crossings are inundated with several feet of water which may cut off residents.

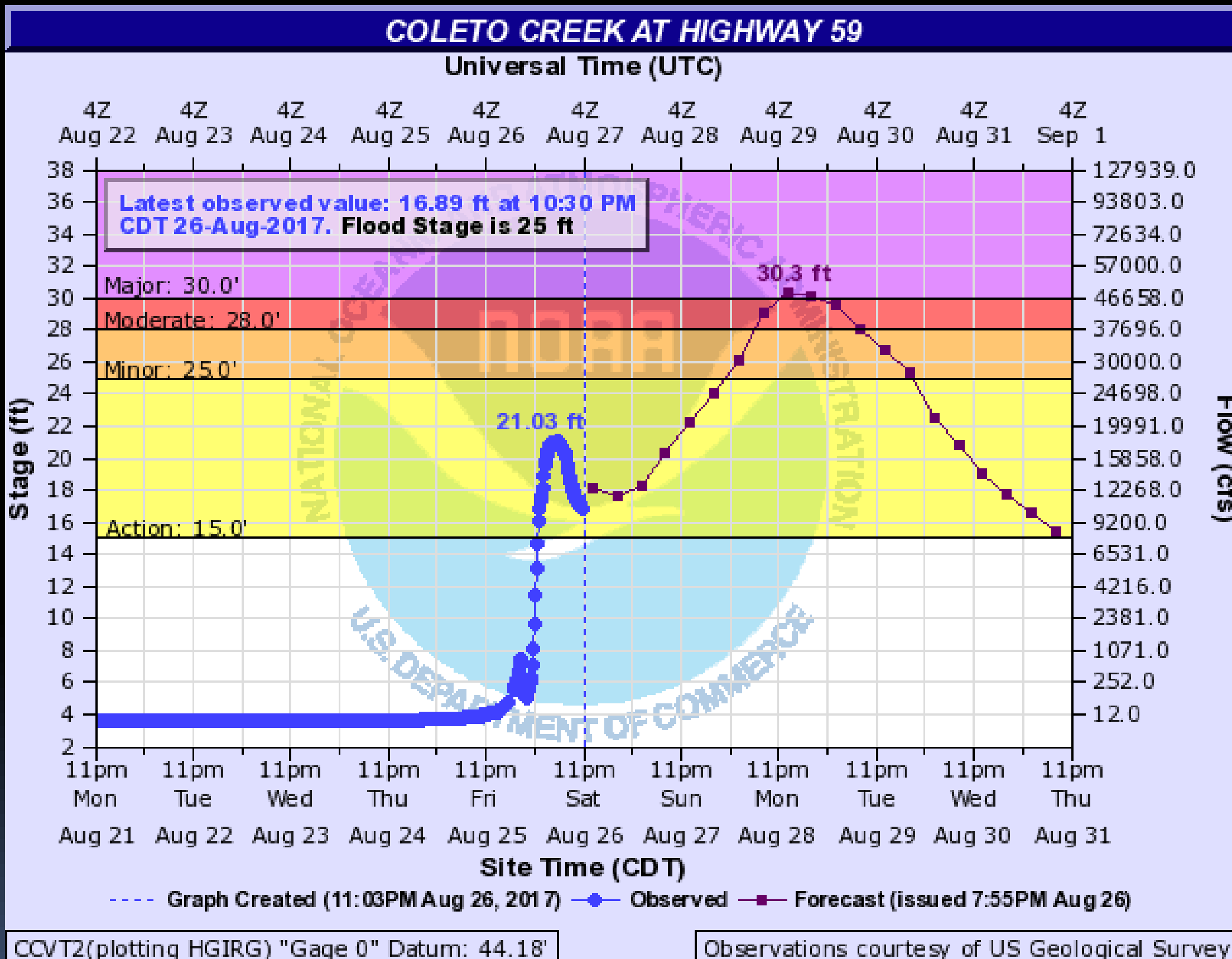




# Coletto Creek at Highway 59

## Major Flooding Expected

### Forecast/Impacts:



- ❑ Major flooding expected (based on anticipated releases from Coletto Creek AND basin rainfall)
  - ❑ Crest near 30.3 feet late Monday/early Tuesday
  - ❑ At 31 ft., the lowest homes near Highway 59 flood. Many livestock are cut off and potentially drown below Highway 59 and the Guadalupe River confluence.
  - ❑ At 30 ft., flow approaches the lowest homes below Hwy 59.
- Issued at 11:46 PM - August 26, 2017



# Copano Creek Near Refugio

## Major Flooding Expected

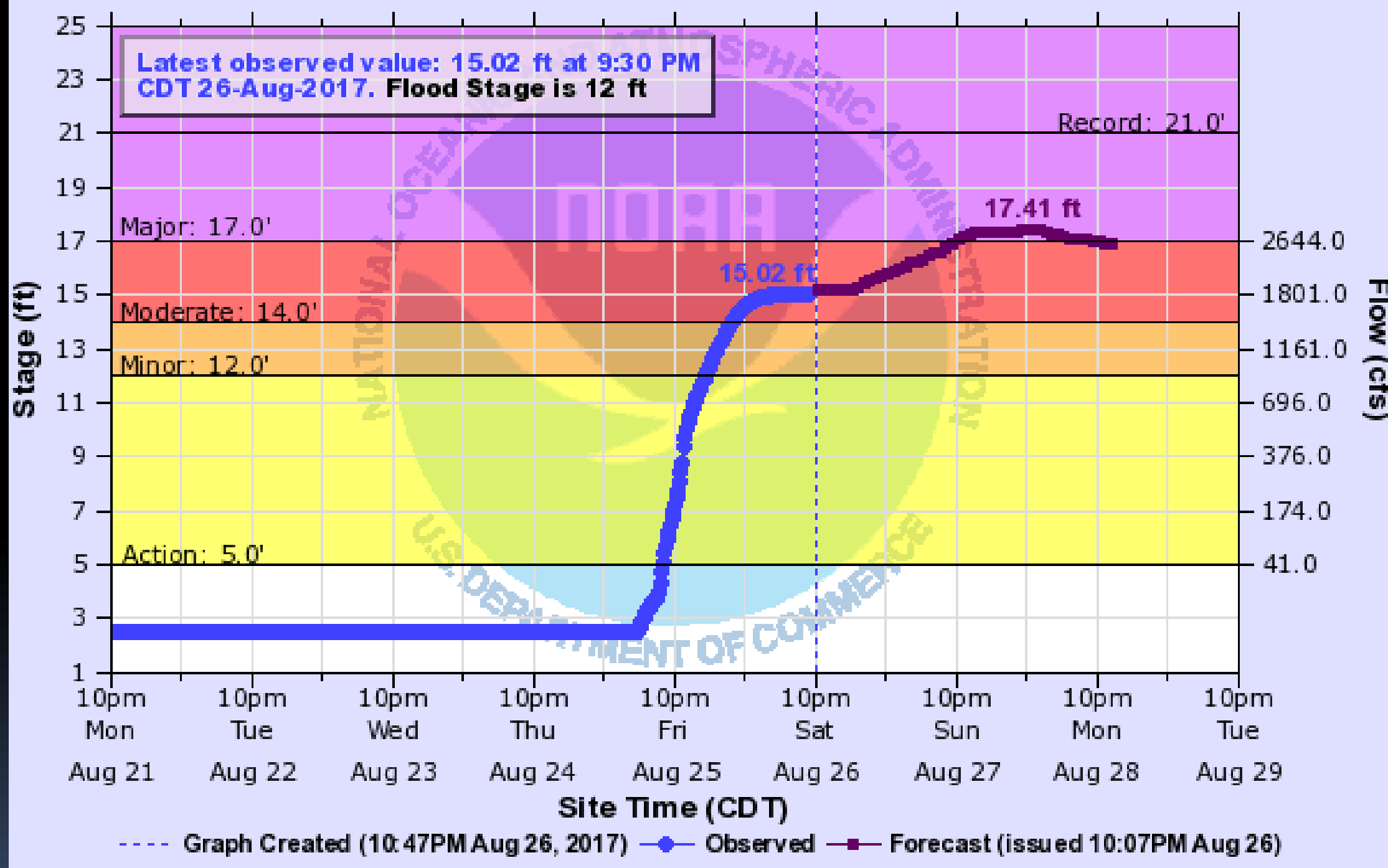
### Forecast/Impacts:

- ❑ Major flooding expected (based on 48 hour rainfall amounts).
- ❑ Crest between 17 and 18 feet Monday morning. Additional higher rises possible, depending on Harvey's track.
- ❑ At 18.6 feet, water reaches the FM 774 bridge floor.
- ❑ At 17 feet, The river is 200 yards wide at the Farm to Market 774 bridge.

### COPANO CREEK NEAR REFUGIO

Universal Time (UTC)

3Z Aug 22    3Z Aug 23    3Z Aug 24    3Z Aug 25    3Z Aug 26    3Z Aug 27    3Z Aug 28    3Z Aug 29    3Z Aug 30



RCCT2(plotting HGIRG) "Gage 0" Datum: 0'

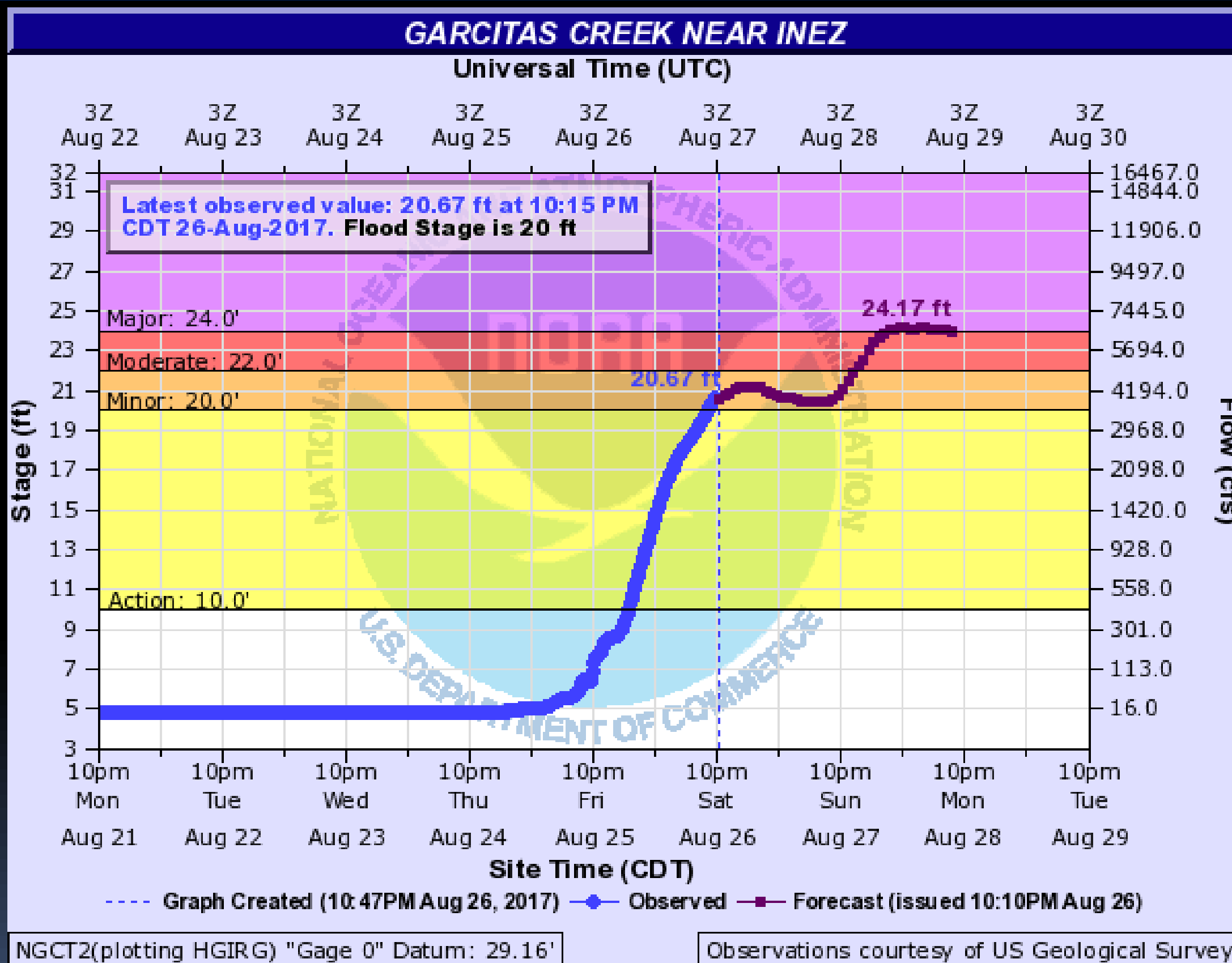
Observations courtesy of US Geological Survey



# Garcitas Creek near Inez

## Major Flooding Expected

### Forecast/Impacts:



- ❑ Major flooding expected (based on rainfall forecasts through Sunday evening).
- ❑ Crest near 24.2 feet Sunday night or Monday. Additional higher rises possible.
- ❑ 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.

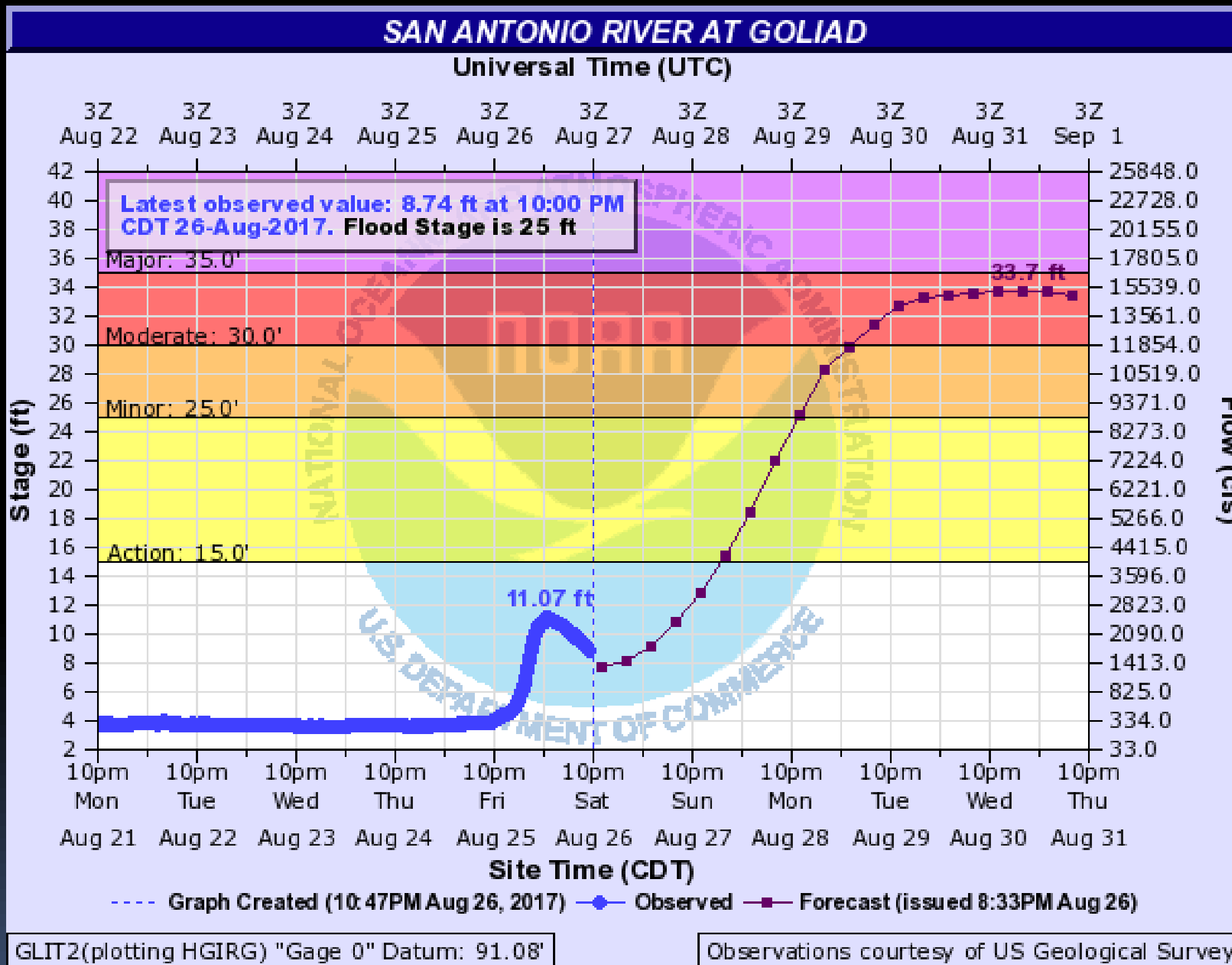




# San Antonio River At Goliad

## Moderate Flooding Expected

### Forecast/Impacts:



- ❑ Moderate flooding expected
- ❑ Crest near 34 feet Wednesday.
- ❑ At 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.
- ❑ At 40 ft, nearly all of Goliad State Park floods except the HQ area and mission. Many secondary and primary roads and low bridges flood. Flow approaches the lowest residences in the south edge of Goliad and Highway 183. Livestock are cut off and may drown in the flood plains below Falls City to the confluence.



- Tropical storm warnings remain in effect for much of south Texas.
- Storm Surge warnings remain for inundation of 3-6 ft. above ground level from Port Aransas to Port O'Connor
- Transitioning to a prolonged, heavy rainfall event over next several days.
- Catastrophic & life-threatening flooding with 15-20" with isolated +30" totals east of Rockport to Goliad line. Lesser but still significant and dangerous amounts SW of the line.
- Rises to moderate to major flood stage anticipated along rivers.



# TROPICAL STORM HARVEY BRIEFING

*Next Briefing Sunday Morning*

*You can get the latest graphics and information on this storm at [www.hurricanes.gov](http://www.hurricanes.gov)*



NWSCorpus

[www.weather.gov/CorpusChristi](http://www.weather.gov/CorpusChristi)