



Hydrologic Briefing Tropical Storm Harvey

4:00 PM CDT
Tuesday, August 29, 2017

Prepared by:
Greg Heavener

Situation Overview

Tropical Storm Harvey



Corpus Christi
WEATHER FORECAST OFFICE

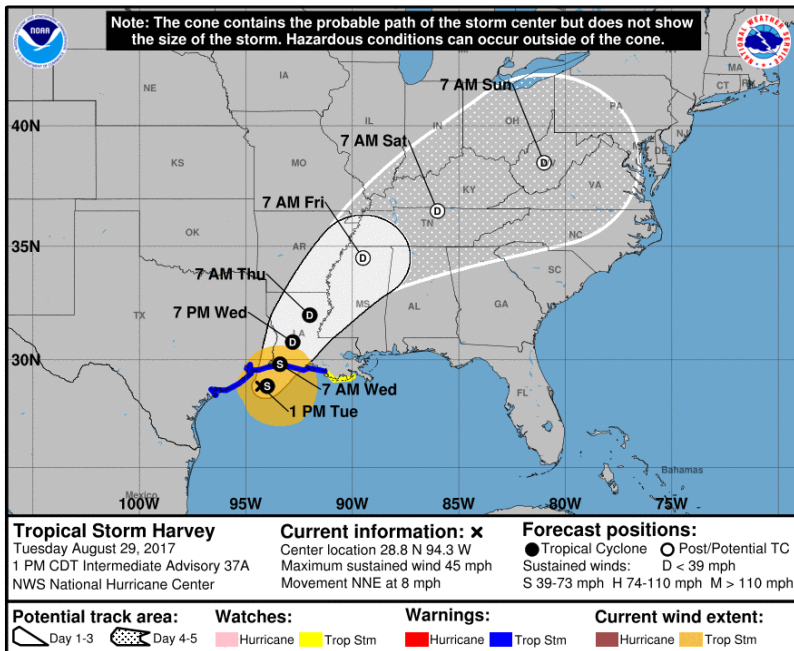
- T.S. Harvey is moving slowly north-northeast towards the Upper Texas Coast.
- Northwesterly wind gusts 30 to 40 mph still be possible across the Northern Coastal Bend.
- All Tropical Storm Warnings for Middle Texas Coastline have been discontinued.
- The heavy rainfall threat will remain to the east of South Texas.
- On-going Major Flooding on Guadalupe River through the next several days.

Situation Overview



Corpus Christi
WEATHER FORECAST OFFICE

Tropical Storm Harvey



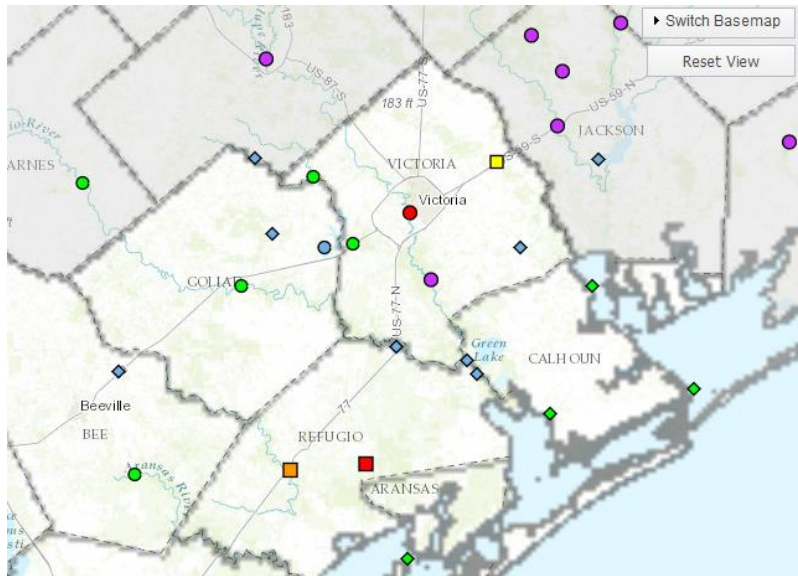
- Harvey is over the Gulf of Mexico and is expected to move further east before turning northeast later today
- Harvey is expected to make a second landfall near the TX/LA border early Wednesday.
- Tropical storm warnings continue from Matagorda eastward to Morgan City, LA.

River Flooding

Based on observed rainfall from the event



Corpus Christi
WEATHER FORECAST OFFICE



- On-going Major Flooding on Guadalupe River, will reach Victoria today.
- Major flooding will take several days to subside.
- Changes along the Coleta Creek may be made based on reservoir releases.

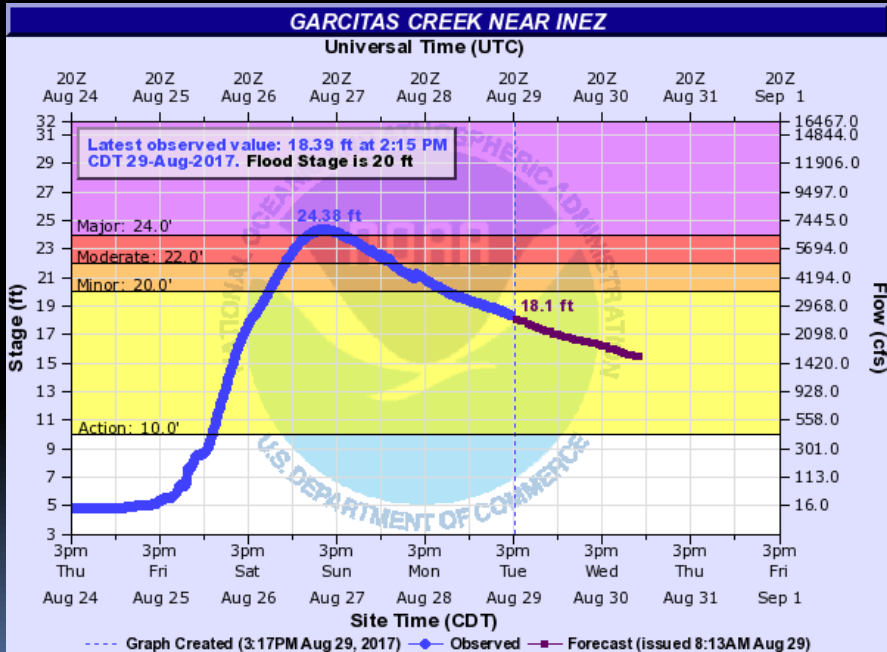
The colored symbols represent the latest forecast river level (not current river level)



Garcitas Creek near Inez

Minor Flooding Expected

Forecast/Impacts:



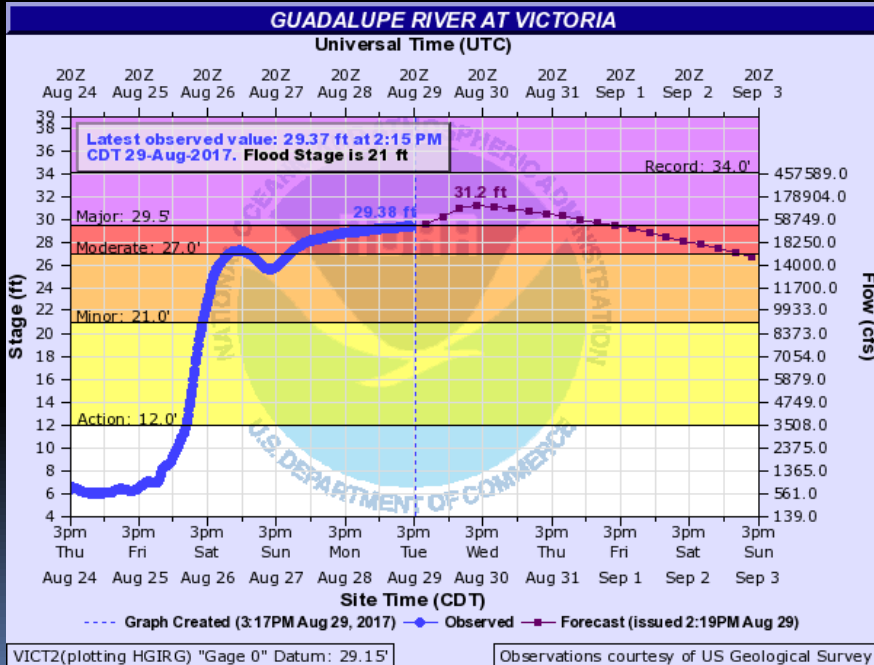
- ❑ Minor flooding continues.
- ❑ Not expecting a second flood wave at this time.
- ❑ At 20 ft. Minor lowland flooding of crop and pastureland occurs. Secondary roads and bridges begin to flood. Livestock begin to become isolated



Guadalupe River At Victoria

Major Flooding Expected Today

Forecast/Impacts:



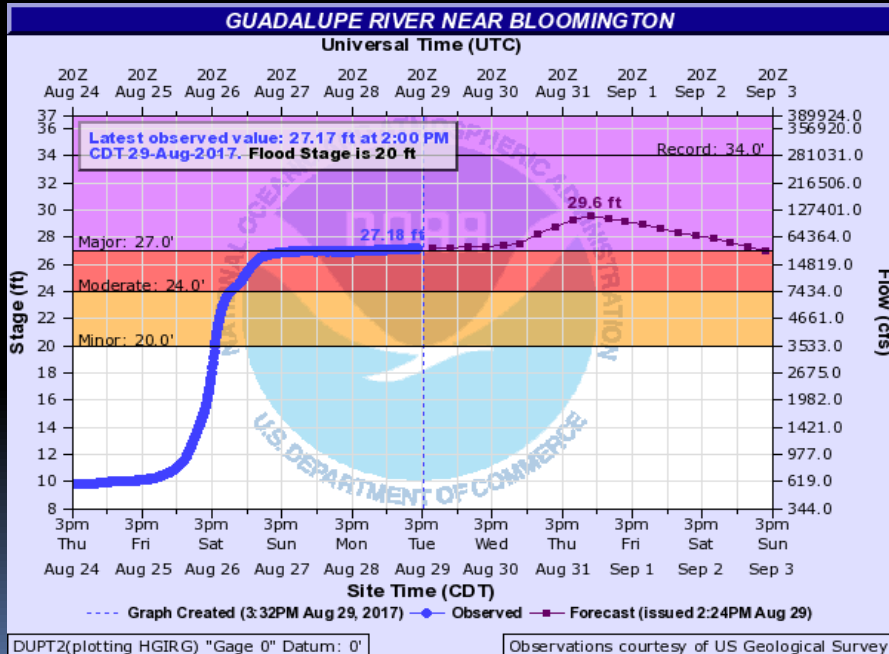
- ❑ Major flooding expected today.
- ❑ Crest around 31.2 feet starting later Wednesday/early Thursday.
- ❑ At 31 ft, 40 square block of Greens Addition Subdivision are generally flooded. Areas west of Moody Street between Water Street and Constitution Street flood and access may be limited, including 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:



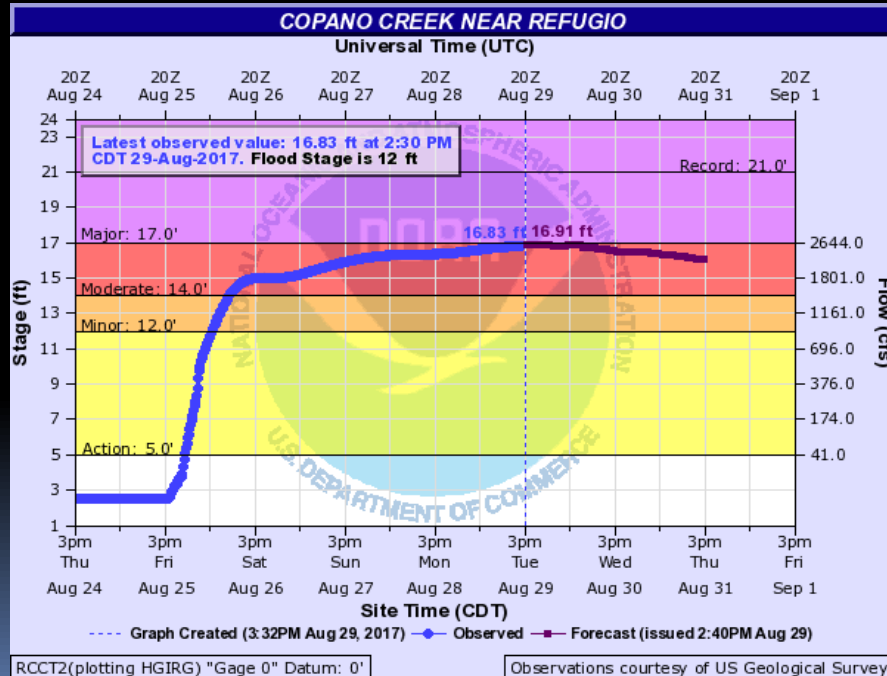
- ❑ Major flooding expected
- ❑ Continue rising to near 29.9 feet late Thursday.
- ❑ At 28 ft, water approaches the levees near the San Antonio River confluence. Miles of Highway 35 and the flood plain near it flood, cutting off many homes and flooding a fishing camp near Tivoli. Livestock are cut off and may drown.



Copano Creek Near Refugio

Moderate Flooding Expected

Forecast/Impacts:



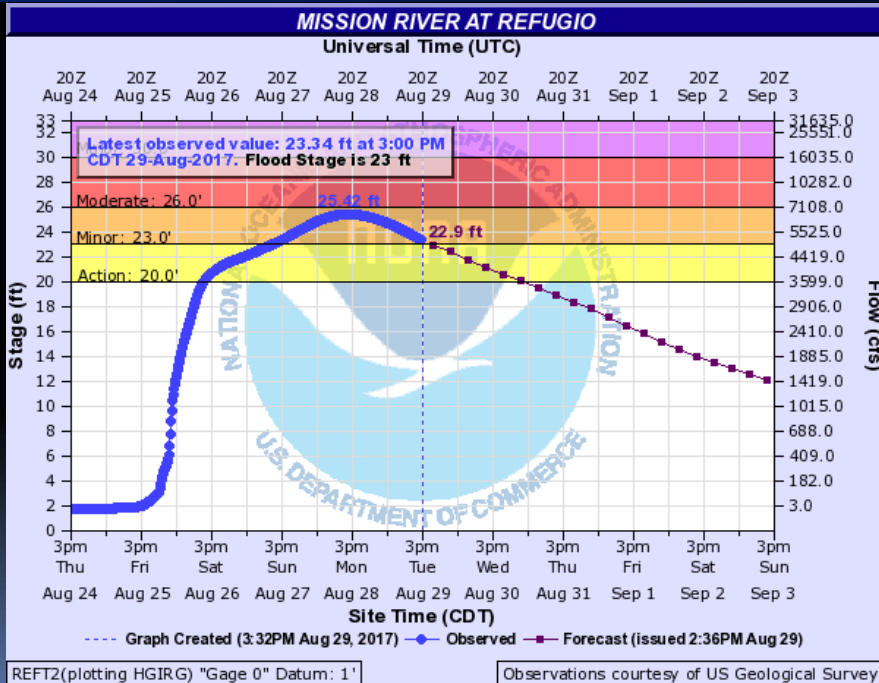
- ❑ Moderate flooding expected/Near Major flood
- ❑ Crest around 16.9' tonight and slowly fall.
- ❑ At 17 feet, the river is 200 yards wide at the Farm to Market 774 bridge.



Mission River At Refugio

Minor Flooding Expected

Forecast/Impacts:



- ❑ Minor flooding continues.
- ❑ The river crested early Monday and will continue a slow fall.
- ❑ At 23 ft., Minor lowland flooding occurs. The lowest areas of the city park and facilities, including the pavilion building are flooded. Much of park is also flooded.



Hydrologic Briefing Tropical Storm Harvey

Next Email Update: 4:30 AM
Wednesday, August 30, 2017