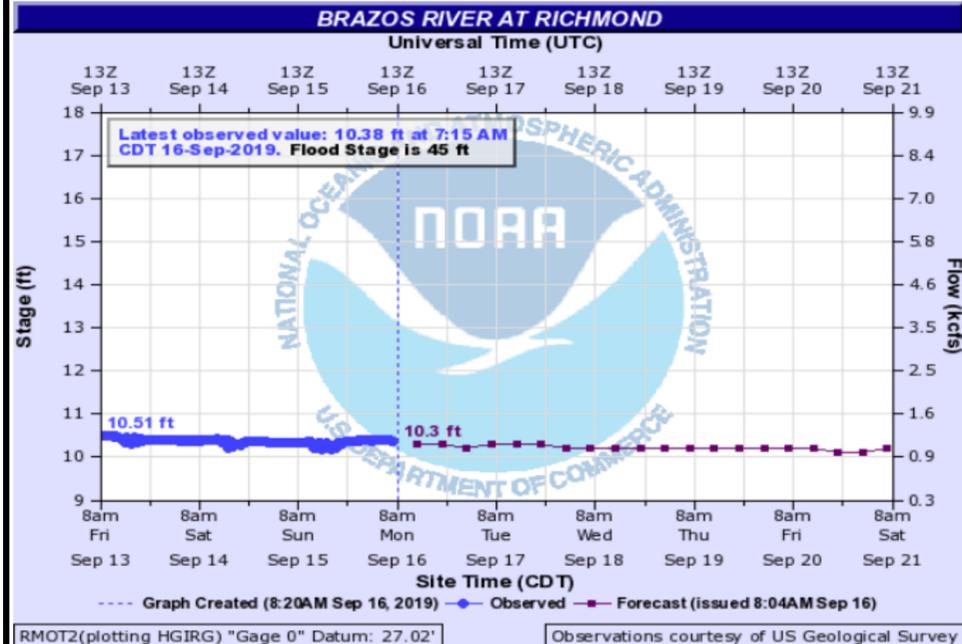


## Heavy Rain Expected Tuesday through Thursday

### Brazos River Status

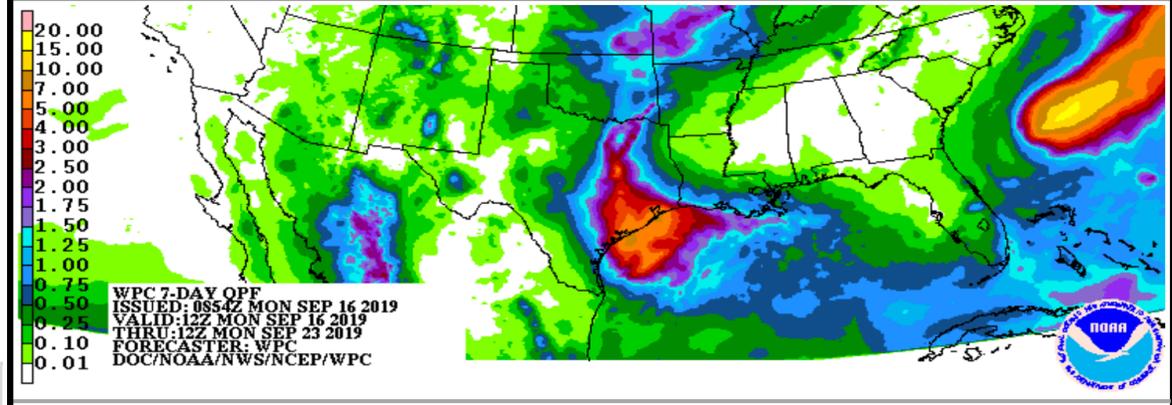
#### Latest Brazos River Forecast Graphic (WGRFC)



#### Current Levels \*Forecasts Shown Below Current is Proposed Gage Reading at End of Forecast Window

Location	Datum Adj.	Cur. Stage	Cur. Category	Forecast
Navasota River Near Normangee	245.00	1.42	Below Action	No Forecast
Bryan (Brazos River)	189.30	8.81	Below Action	8.50
Hempstead (Brazos River)	107.90	11.63	Below Action	11.10
Mill Creek Near Bellville	122.82	2.36	Below Action	No Forecast
San Felipe (Brazos River)	0.00	93.73	Below Action	93.60
Richmond (Brazos River)	27.02	10.38	Below Action	10.20
Rosharon (Brazos River)	0.01	7.09	Below Action	6.90

#### 7 Day Rainfall Forecast (NOAA Quantitative Precipitation Forecast)



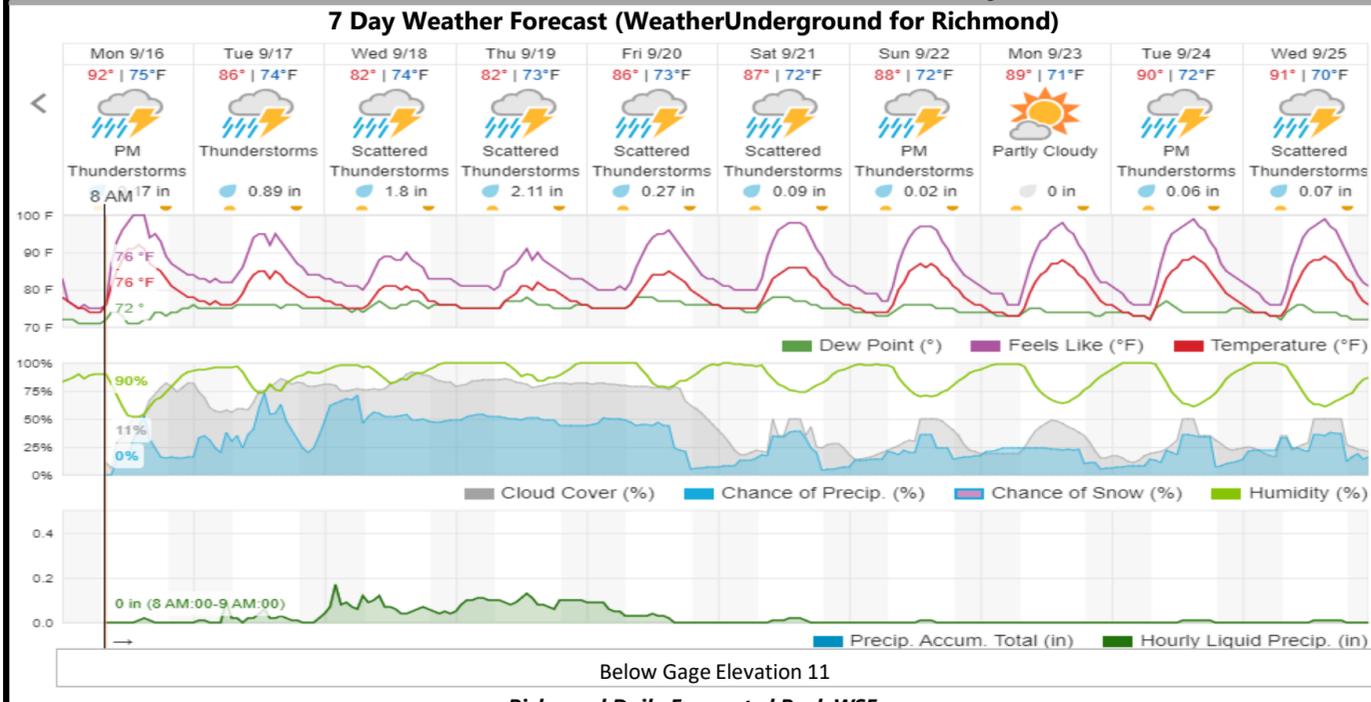
#### Rainfall (Inches) Summaries for 2019 \*As Reported by NWS and USGS, Data Subject to Change

Location	Week's Forecast	Last Week	Sept. (MTD)	2019 (YTD)	YTD Normal (Thru Sept.)	Drought Cond. (03/10)
College Station (NOAA)	4.00	1.22	1.22	27.80	28.70	Moderate
Brenham (NOAA)	4.00	0.63	0.63	18.38	32.35	Moderate
Richmond (USGS)	4.00	1.12	1.17	24.30	34.91	Moderate
Sugar Land (NOAA)	3.00	0.66	1.02	32.20	36.86	Moderate
Bush Interc. (NOAA)	3.00	1.73	1.73	30.67	35.99	Abnormally Dry

Flood Categories	Previous 7 Days	Historical Peaks (Top 3)
Major Flood Stage: 50	10.38 Current Reading	High: 61.20 (12/10/1913)
Moderate Flood Stage: 48	11.05 Peak Reading	55.19 (09/01/2017)
Flood Stage: 45	10.52 Average Reading	54.74 (06/02/2016)
Action Stage: 20		
Low Stage: 0		

Historical Period Mean: 12.48 (10/98 - 02/19)  
 Historical Period Peak: 23.98 (10/98 - 02/19)

### Weekly Weather Forecast

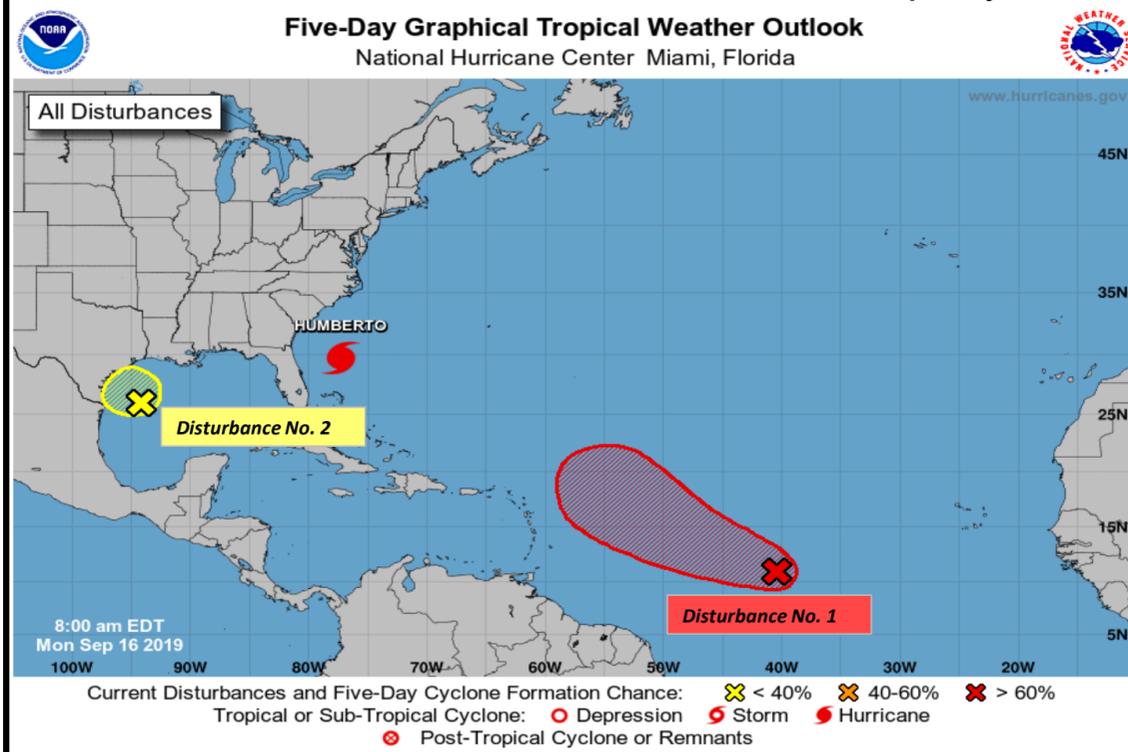


#### NWS Forecast Discussion

[Through Tuesday Afternoon]... The radar currently is showing shower and thunderstorm activity filling in nicely in the Gulf waters. These storms are driven by the upper level low that has been meandering westward across the Gulf the past couple of days. These showers will continue to spread into the coastal counties later this morning, then up towards I-10 by the afternoon... The threat of more widespread precipitation over the region increases beginning on Tuesday as the upper level low gets closer to the eastern Gulf. The GFS is driest of the solutions, while the EC and CAN have been trending wetter. There will be some concern that storms along near the coast will produce localized heavy rainfall rates and total, especially as we head into the later part of Tuesday, that raise the threat for flash flooding. Have kept off issuing any flash flood watches at the moment due to lack of confidence, but this could change later today. The threat of heavy rainfall continues to increase through the first part of the long term period. [Tuesday Night Through Monday]... Upper low should be sitting off the Matagorda coast with the potential for tropical development Tuesday night into Wednesday morning before it probably moves inland. NAM/ARW are something of an outlier in developing the system faster and more intensely. But that doesn't mean we are out of the woods. Many of the ensembles show falling pressures after the surface low moves inland and wind fields accelerating leading to very efficient rain processes. The rainfall during the day Tuesday should do a great job of getting the soils wet across the southern half of the region. Tuesday night through Thursday afternoon puts SETX in a very favorable region for heavy rainfall with low pressures aloft/tropical/PW 2.1-2.5" and moisture transporting winds 20-30kts. Thanks for the coordination WPC on upping the threat for excessive rain. The system is going to be a slow moving system and widespread rainfall of 3 to 6 inches is going to be common by Friday. Some areas are going to see amounts of 6-9" and isolated amounts in excess of 12" will be possible. Rainfall rates of 2-3"/hr are going to be common during the event. Difficult to narrow down a specific area but all the ingredients are in the mix and will be needing to watch that models don't trend towards a nocturnal consolidating event... The system should start to lift out Thursday with focus for heavy rainfall departing but SETX will still be in the moist axis feeding the remnants of the system so will keep rain chances higher than much of the guidance Thursday night through Saturday.

### National Hurricane Center (June 1 through November 30)

#### Tropical Cyclones and Disturbances



**Tropical Weather Outlook**  
 NWS National Hurricane Center Miami FL  
 800 AM EDT Mon Sep 16 2019

**Disturbance No. 1:** Showers and thunderstorms have increased this morning in association with a small low pressure system located over the central tropical Atlantic. Satellite data also indicate that the low has become better defined, and environmental conditions are expected to be conducive for the formation of a tropical depression during the next couple of days while the system moves slowly northwestward to west-northwestward.  
 \* Formation chance through 48 hours...medium...60 percent.  
 \* Formation chance through 5 days...high...90 percent.

**Disturbance No. 2:** Disorganized showers and thunderstorms over the northwestern Gulf of Mexico are associated with an upper-level low and a weak surface trough. Little, if any, development of this system is expected before it moves inland along the northwestern Gulf coast tonight or Tuesday. Regardless of development, this system is expected to produce locally heavy rainfall along portions of the central and upper Texas coastal areas later this week.  
 \* Formation chance through 48 hours...low...10 percent.