

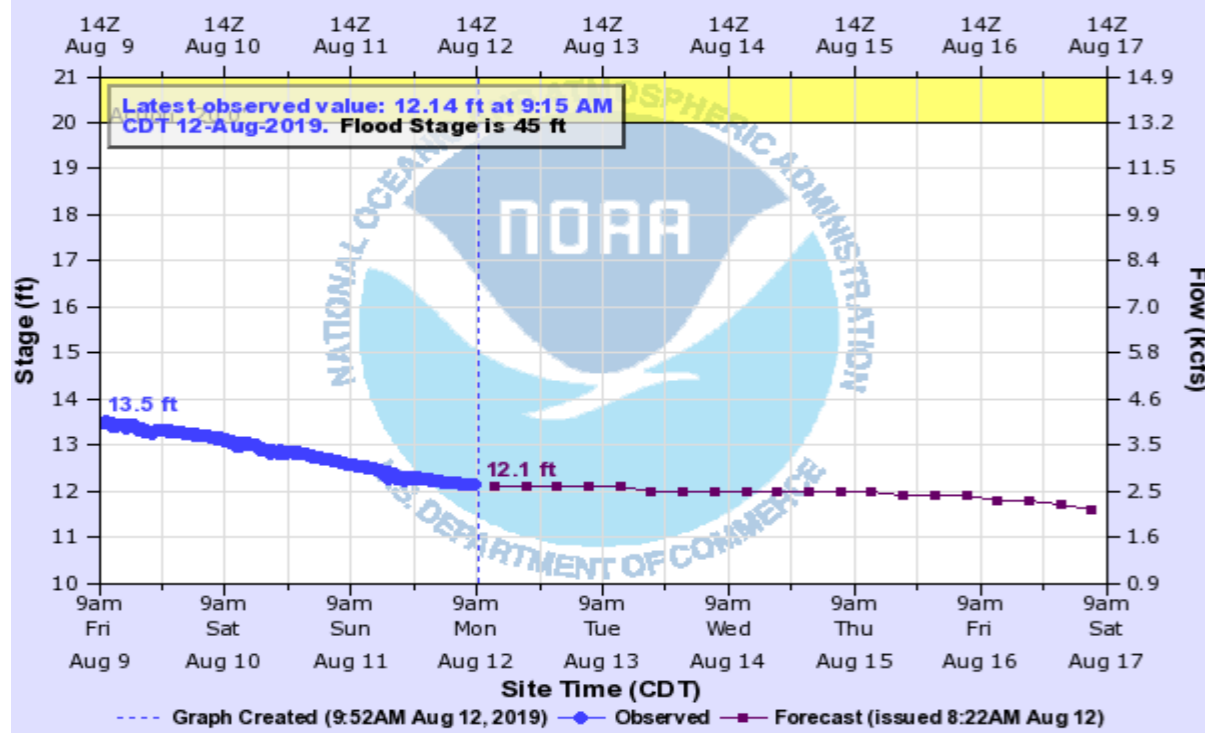
Partly Cloudy to Sunny Skies with Low Rain Chances throughout the Week

Brazos River Status

Latest Brazos River Forecast Graphic (WGRFC)

BRAZOS RIVER AT RICHMOND

Universal Time (UTC)



RMOT2(plotting HGIRG) "Gage 0" Datum: 27.02' Observations courtesy of US Geological Survey

River forecasts for this location take into account past precipitation and the precipitation amounts expected approximately 24 hours into the future from the forecast issuance time.

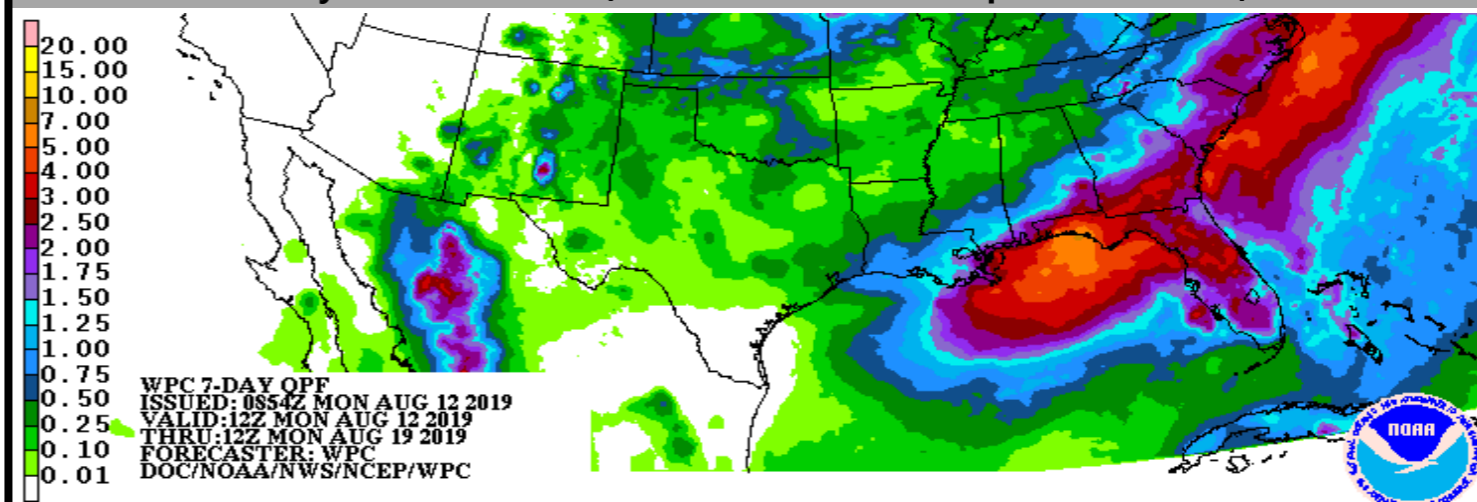
Historical Period Mean: 12.04 (10/98 - 02/19)
Historical Period Peak: 27.57 (10/98 - 02/19)

Flood Categories		Previous 7 Days	Historical Peaks (Top 3)
Major Flood Stage	50	12.14 Current Reading	High: 61.20 (12/10/1913)
Moderate Flood Stage	48	13.80 Peak Reading	55.19 (09/01/2017)
Flood Stage	45	13.30 Average Reading	54.74 (06/02/2016)
Action Stage	20		
Low Stage	0		

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	1.83	Below Action	No Forecast
Bryan (Brazos River)	189.30	11.12	Below Action	11.20
Hempstead (Brazos River)	107.90	13.48	Below Action	13.10
Mill Creek Near Bellville	122.82	2.36	Below Action	No Forecast
San Felipe (Brazos River)	0.00	94.38	Below Action	94.10
Richmond (Brazos River)	27.02	12.14	Below Action	11.60
Rosharon (Brazos River)	0.01	9.47	Below Action	8.50

7 Day Rainfall Forecast (NOAA Quantitative Precipitation Forecast)

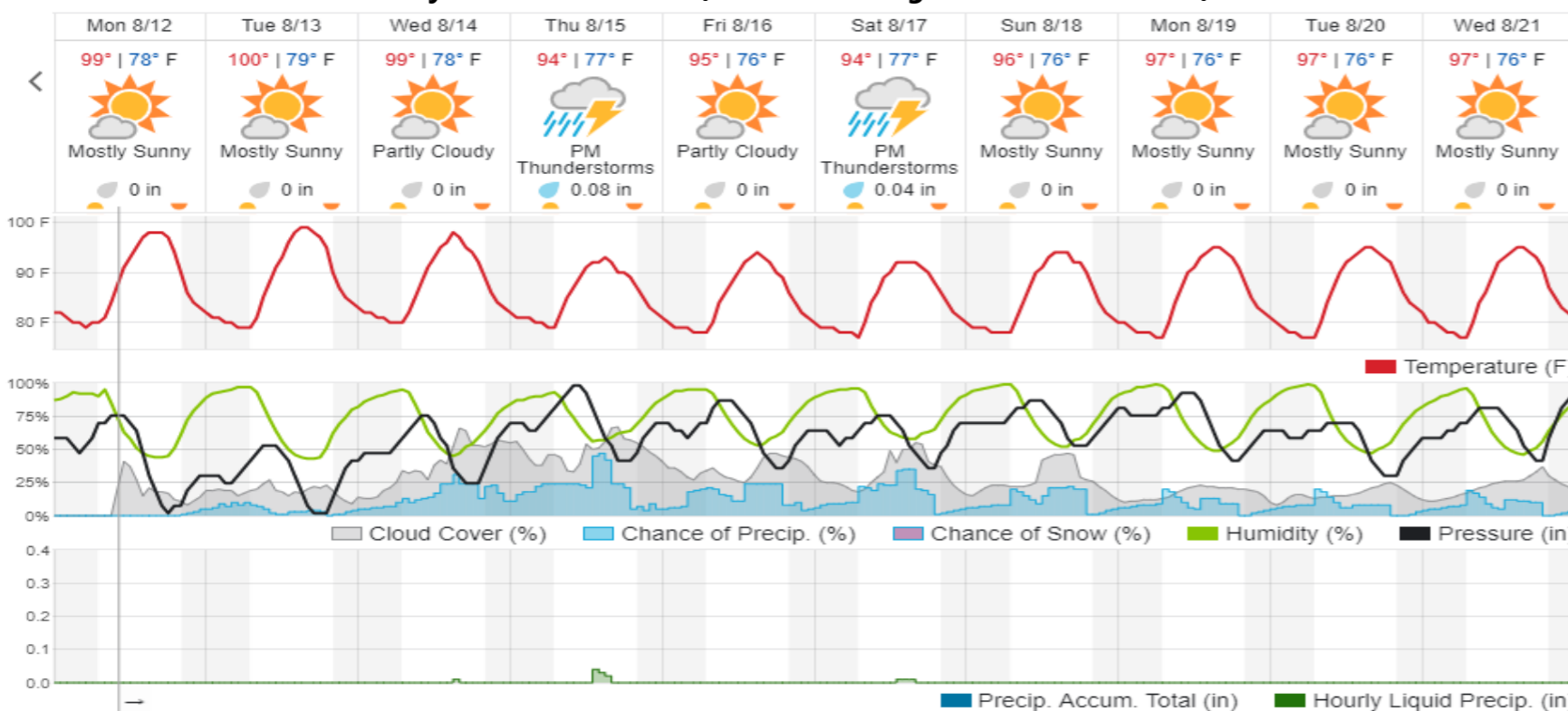


Rainfall (Inches) Summaries for 2019 *As Reported by NWS and USGS, Data Subject to Change

Location	Week's Forecast	Last Week	August (MTD)	2019 (YTD)	YTD Normal (Thru August)	Drought Cond. (08/06)
College Station (NOAA)	0.10	0.09	0.63	24.80	25.52	None
Brenham (NOAA)	0.25	0.00	0.00	17.54	27.89	None
Richmond (USGS)	0.25	0.04	0.06	22.33	30.64	Abnormally Dry
Sugar Land (NOAA)	0.25	0.00	0.00	29.40	31.76	Abnormally Dry
Bush Interc. (NOAA)	0.25	0.00	0.13	26.64	31.87	None

Weekly Weather Forecast

7 Day Weather Forecast (WeatherUnderground for Richmond)



Below Gage Elevation 13

Richmond Daily Forecasted Peak WSE

NWS Forecast Discussion

SHORT TERM [Today through Tuesday]...Upper air analysis at 500mb shows 594/595dm heights over much of Texas with the ridge so not much change at all from yesterday. So basically what we had for a forecast yesterday continues to be the best forecast for today. Heat advisory will continue today and likely extended another day to Tuesday. **LONG TERM** [Wednesday through Sunday]... Confidence for a wet weather pattern Wednesday and Thursday continues to increase. However, the forecast for these two days is still a bit tricky, as inconsistencies continue between the Global models. The mid to upper level ridge should begin to shift west Tuesday night into Wednesday morning as an upper level shortwave moves eastward across the North and Central Plains. The GFS and NAM have a similar and wetter solution with the frontal boundary moving into southeast Texas from the north sometime between Wednesday evening and Thursday morning. While the ECMWF has the boundary moving slower and keeps most of the moisture to the east of southeast Texas, resulting in a drier solution for the local area. On the GFS and NAM solution, the latest run shows PWAT values increasing up to 2.5 inches by Wednesday morning spreading across most, if not all, of southeast Texas by Wednesday afternoon. By Thursday morning, the highest PWAT values linger mainly across the southern half of the region. On the ECMWF, there is still plenty of moisture over most of southeast Texas Thursday morning and afternoon. Maximum temperatures on Wednesday will still range between the upper 90s to low 100s. With the ridge retreating to the west, the combination of deep low level moisture, strong diurnal heating as well as the proximity of the frontal boundary will induce periods of shower and thunderstorm activity Wednesday, continuing through Thursday as the frontal boundary moves in or near southeast Texas. Because of the increased confidence, went ahead and included slightly higher PoPs in this forecast package for Wednesday into Thursday. The good news is that temperatures decrease a few degrees on Thursday, with the highs ranging between the low to upper 90s. Weather conditions are expected to improve by Friday. Any lingering moisture could produce some convective activity mainly over the southern half of the CWA and Gulf waters. Conditions will continue to improve during the weekend as the upper level ridge edges its way back over western and central Texas.

National Hurricane Center (June 1 through November 30)

Tropical Cyclones and Disturbances

Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Tropical Cyclone activity is not expected during the next 2 to 5 days.

Current Disturbances and Five-Day Cyclone Formation Chance: ✖ < 40% ✖ 40-60% ✖ > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression ⦿ Storm ⦿ Hurricane
⦿ Post-Tropical Cyclone or Remnants