

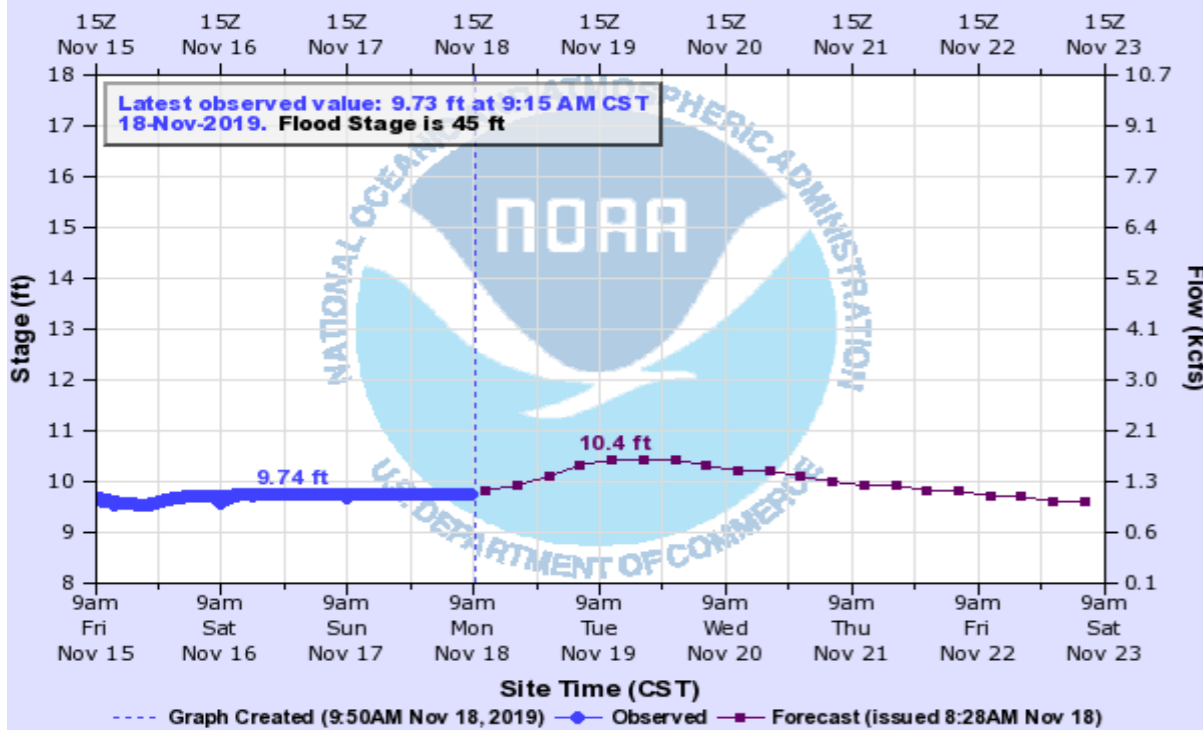
## Sunny to Mostly Cloudy Skies with Increased Rain Chances Toward the End of the Week

### 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.

<b>Historical Period Mean:</b>	15.68	(10/98 - 02/19)
<b>Historical Period Peak:</b>	43.99	(10/98 - 02/19)

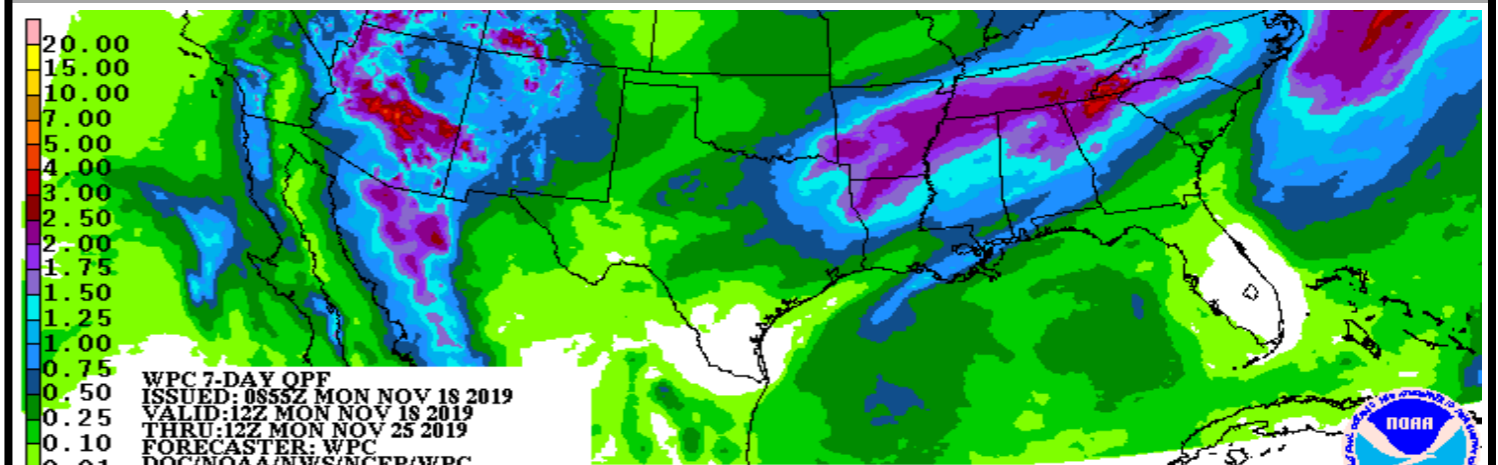
Flood Categories	
Major Flood Stage	50
Moderate Flood Stage	48
Flood Stage	45
Action Stage	20
Low Stage	0

Previous 7 Days		Historical Peaks (Top 3)	
9.73	Current Reading	High:	61.20 (12/10/1913)
10.44	Peak Reading		55.19 (09/01/2017)
9.77	Mean Reading		54.74 (06/02/2016)

#### 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	2.30	Below Action	No Forecast
Bryan (Brazos River)	189.30	8.80	Below Action	8.30
Hempstead (Brazos River)	107.90	12.28	Below Action	11.00
Mill Creek Near Bellville	122.82	2.56	Below Action	No Forecast
San Felipe (Brazos River)	0.00	93.74	Below Action	93.90
Richmond (Brazos River)	27.02	9.73	Below Action	10.40
Rosharon (Brazos River)	0.01	6.39	Below Action	7.20

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

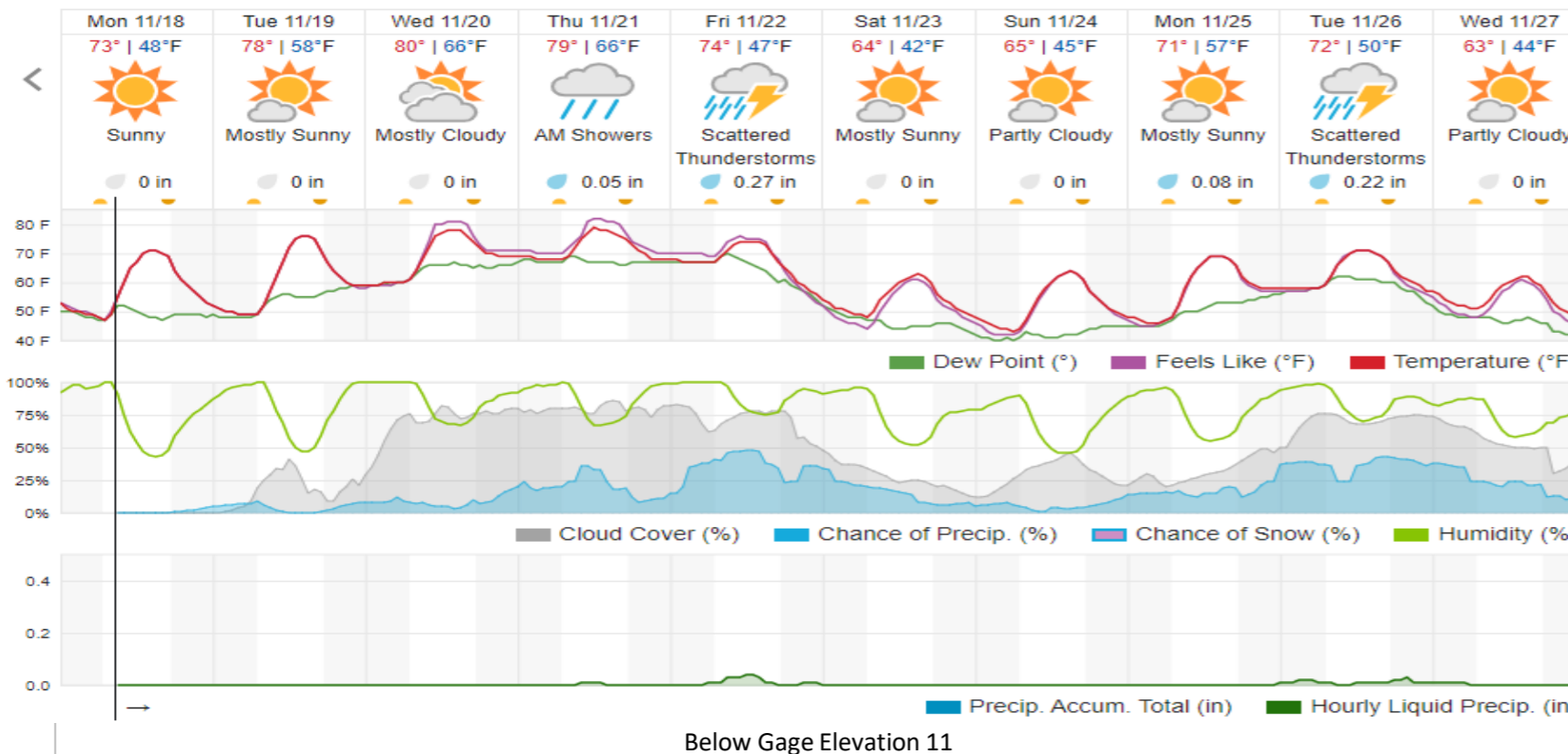


#### Rainfall (Inches) Summaries for 2019 \*As Reported by NWS and USGS, Data Subject to Change

Location	Week's Forecast	Last Week	November (MTD)	2019 (YTD)	YTD Normal (Thru Nov.)	Drought Cond. (11/12)
College Station (NOAA)	0.50	0.82	82.13	32.80	36.83	Abnormally Dry
Brenham (NOAA)	0.25	0.47	2.36	27.22	41.72	Abnormally Dry
Richmond (USGS)	0.25	0.15	1.37	33.05	45.44	None
Sugar Land (NOAA)	0.25	0.16	1.17	43.30	46.98	None
Bush Interc. (NOAA)	0.25	0.17	1.01	50.58	46.03	None

### Weekly Weather Forecast

#### 7 Day Weather Forecast (WeatherUnderground for Richmond)



Below Gage Elevation 11

**Richmond Daily Forecasted Peak WSE**

#### NWS Forecast Discussion

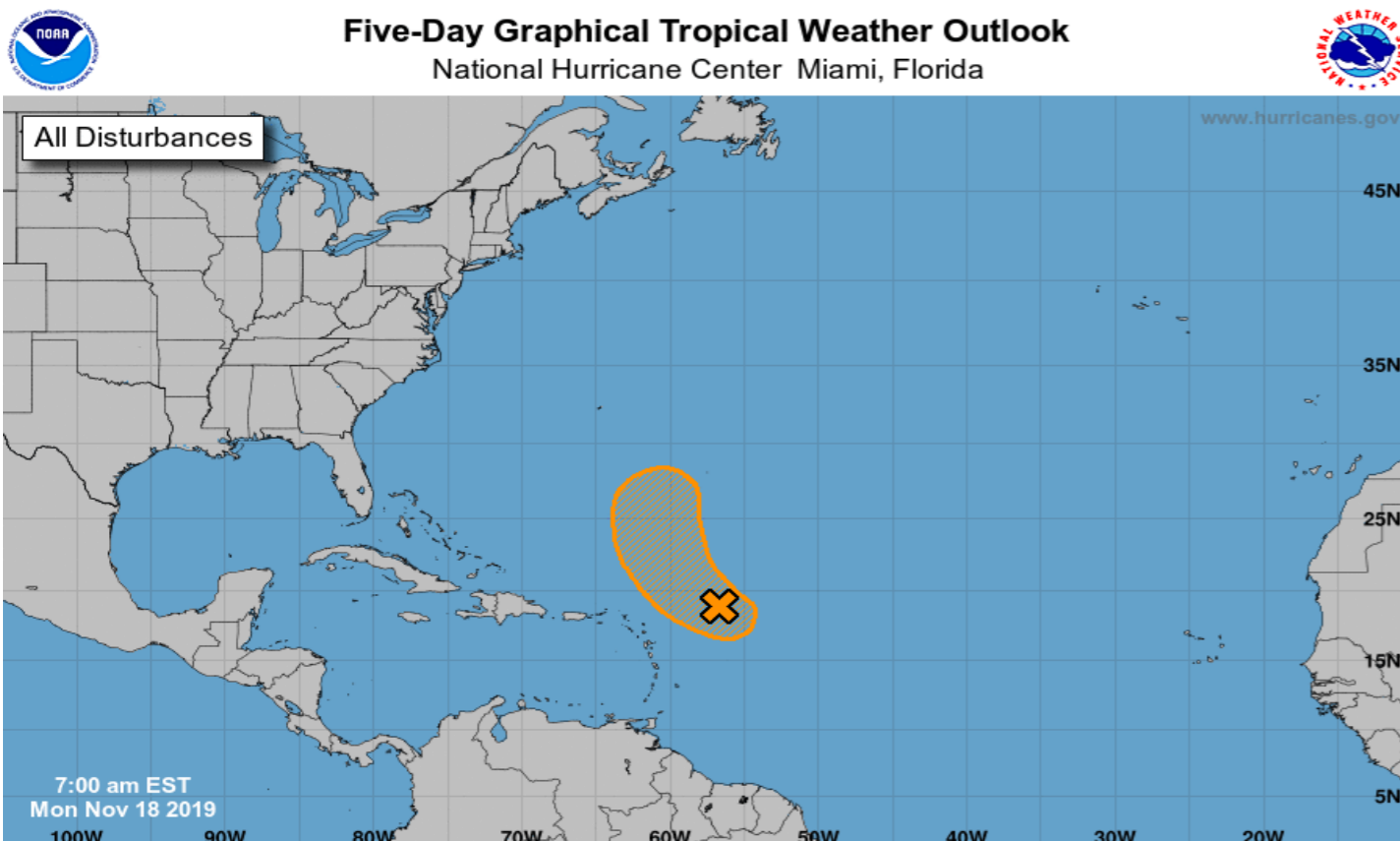
Low/mid level ridging should keep pleasant wx conditions in place thru midweek...though there will be some late night and morning fog to deal with each day. As high pres slides off to the east, onshore flow will resume and quickly increase Wed/Thurs as lee side pressures fall. Increasing Gulf moisture and a series of impulses embedded in the sw flow aloft should allow for iso/sct precip, with better chances generally just situated north of the CWA. Uncertainty still exists in regards to the timing of the next front (and associated shra/tstms along the boundary) that'll be moving thru the region later in the week. GFS/CMC remain in the camp of fcsting a earlier frofa during the day Friday. ECMWF/ICON are a bit later...Fri night into Sat morning. General rule of thumb when dealing with timing of western cutoff lows kicking out is to put more weight on the slower solutions. Precip should end and skies will clear in the wake of the front whenever that occurs, but kept chance POPs going into Saturday due to the uncertainty. Remainder of the weekend looks nice.

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

#### Tropical Cyclones and Disturbances

#### Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



**Tropical Weather Outlook**  
NWS National Hurricane Center Miami FL  
700 AM EST Mon Nov 18 2019

**Disturbance No. 1:** A broad area of low pressure located about 350 miles east-northeast of the northern Leeward Islands is producing disorganized showers and thunderstorms with winds of around 30 mph on its northeast side. Some gradual development of this system is expected, and a tropical or subtropical depression could form during the next couple of days while it moves northwestward and then northward over the open Atlantic. After that time, upper-level winds are expected to become less conducive and the disturbance is forecast to merge with a frontal system after midweek, so additional development is not expected. For more information, see High Seas Forecasts issued by the National Weather Service.

\* Formation chance through 48 hours...medium...50 percent.  
\* Formation chance through 5 days...medium...50 percent.

**Tropical Cyclone activity in the Gulf of Mexico is not expected during the next 2 to 5 days.**

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