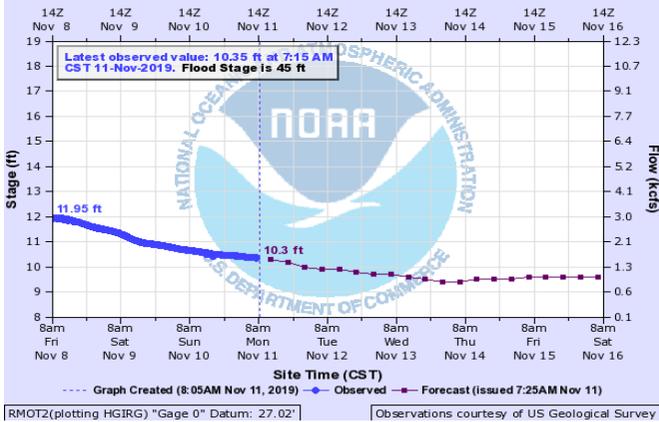


**Increased Rain Chances Monday and Thursday with Artic Cold Front to Start the Week**

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

**BRAZOS RIVER AT RICHMOND**  
Universal Time (UTC)

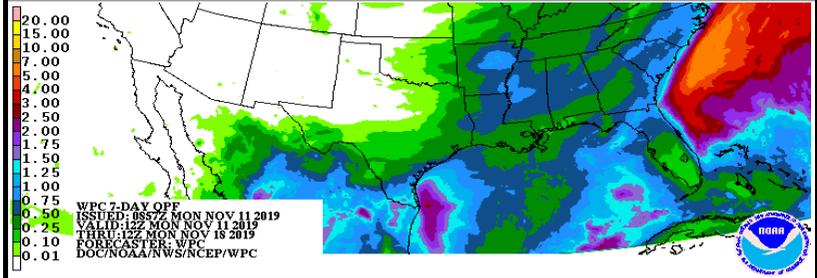


**Brazos River Status**

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	1.95	Below Action	No Forecast
Bryan (Brazos River)	189.30	8.59	Below Action	8.80
Hempstead (Brazos River)	107.90	11.00	Below Action	11.10
Mill Creek Near Bellville	122.82	2.54	Below Action	No Forecast
San Felipe (Brazos River)	0.00	93.49	Below Action	93.50
Richmond (Brazos River)	27.02	10.35	Below Action	9.60
Rosharon (Brazos River)	0.01	7.78	Below Action	6.30

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



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

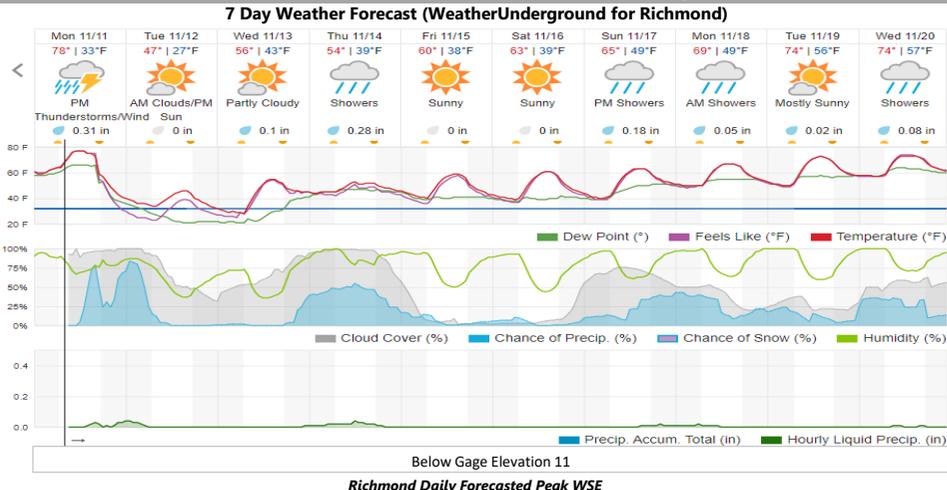
Location	Week's Forecast	Last Week	November (MTD)	2019 (YTD)	YTD Normal (Thru Nov)	Drought Cond. (11/05)
College Station (NOAA)	0.10	0.13	0.13	31.97	36.83	Abnormally Dry
Brenham (NOAA)	0.25	1.89	1.89	26.75	41.72	Moderate
Richmond (USGS)	0.25	1.22	1.22	32.90	45.44	None
Sugar Land (NOAA)	0.25	1.01	1.01	43.14	46.98	None
Bush Interc. (NOAA)	0.25	0.84	0.84	50.41	46.03	None

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:	15.63	(10/98 - 02/19)
Historical Period Peak:	46.51	(10/98 - 02/19)

Flood Categories	Previous 7 Days	Historical Peaks (Top 3)
Major Flood Stage	50	High: 61.20 (12/10/1913)
Moderate Flood Stage	48	11.95 Peak Reading
Flood Stage	45	10.53 Mean Reading
Action Stage	20	54.74 (06/02/2016)
Low Stage	0	

**Weekly Weather Forecast**



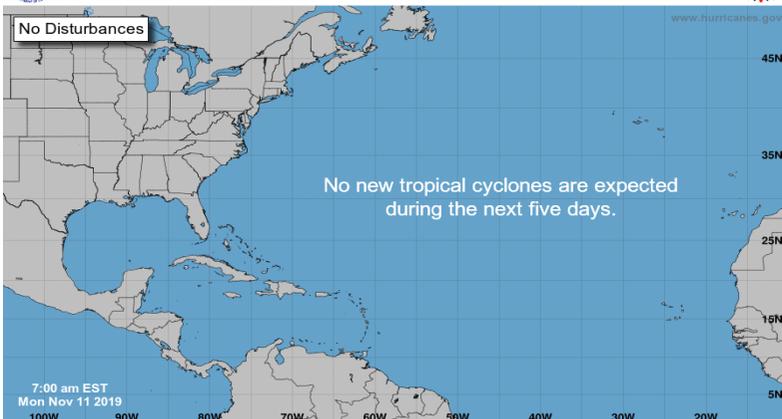
**NWS Forecast Discussion**

**SHORT TERM** (Today through Tuesday)... After a day in the lower to middle 70s (near 80 F over the southwestern CWA) and decent southerly winds pumping moisture values up to above 1.7 inch pwats, a passing late day into evening cold front will quickly drive temperatures and moisture values down to unseasonable standards... While the main stories with this very cold and dry (shallow) continental polar air mass are the strong north winds and the frigid conditions left in its wake Tuesday and Wednesday, there is a small caveat of mixed precipitation or elevated roadway/bridge icing concerns early tomorrow morning. While the highest probabilities lay with the out-of-phase scenario of precipitation occurring/falling within a near surface layer cooling to below freezing, there is still a slight chance that, if precipitation does occur in the early Tuesday (overnight) morning hours, that there will be some sleet or snow flurries thrown into the mix. If there is some weak overrunning in the wake of the tonight's front that generates very light precipitation in the pre-dawn Tuesday morning hours then the sub-freezing near 1k foot (in depth) layer just above a near surface drying layer would be enough to turn some precipitation over to frozen, especially if there is some upper layer seeding in play as the saturated up to jet level just after-midnight far northern prog soundings currently indicate. Again, it will be a timing issue as, if there 'is' precipitation occurring up north after midnight tomorrow then the odds of a frozen mix are moderately high. The greatest concern will be for more southern forecast area travel. As the coldest air filters into the metro area through the sunrise hour, any residual moisture from previous light rain could freeze along elevated roadways or bridges. It is recommended that, with this coupled threat of strong buffeting northerlies and an upper roadway/bridge black icing situation, Tuesday AM travelers should consider driving with that extra bit of caution. This is the time to break out that (SE TO) winter clothing as after a Tuesday morning in the chilled lower 30s (north) / lower 40s (coast), the afternoon will struggle to reach the middle 40s in the face of efficient cold air advection, strong north winds and thinning cloud cover. **LONG TERM** (Wednesday through Monday)... Mostly clear skies, light winds and a very dry airmass will help temperatures to fall Tuesday night through Wednesday morning and bring our area it's coldest night so far this season. The most recent model runs have come in colder, and have adjusted our temperatures downward a couple more degrees. If future shifts do not warm these numbers back up, Hard Freeze Warnings north (lower to mid 20s) and Freeze Warnings central and south (upper 20s to around 30) will be needed. Record lows that might be in jeopardy of being tied or broken on Wednesday are 25 degrees (set in 1911) for College Station, 29 degrees (set in 1907) for Houston, 30 degrees (set in 1932) for Houston Hobby and 35 degrees (set in 1911) for Galveston. Temperatures warm back up a bit on Wednesday as light onshore winds return to the area, but increasing cloud cover is expected to keep highs in the low to mid 50s. Our next rain chances (looking to set up higher near the coast/offshore and lower inland) come Wednesday night through Thursday as the next storm system currently spinning off the Baja California Peninsula works its way eastward and across South Texas. Cool nights (no freezing temperatures), gradually warming days and dry weather can be expected for the end of the week and on into the weekend with high pressure in control.

**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 in the Gulf of Mexico 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