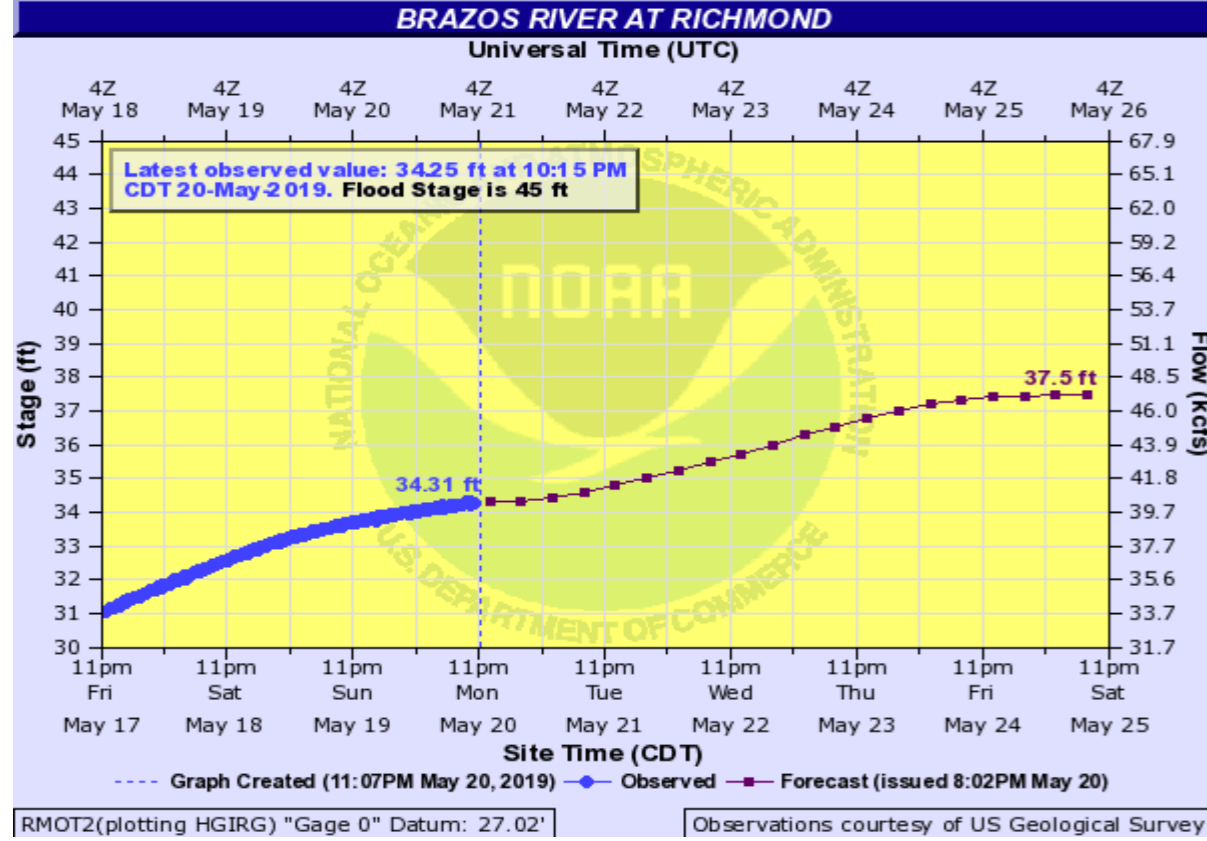


Brazos River in Action Stage and Rising / Mostly Sunny Week with Minimal Rain Chances in Fort Bend County

Brazos River Status

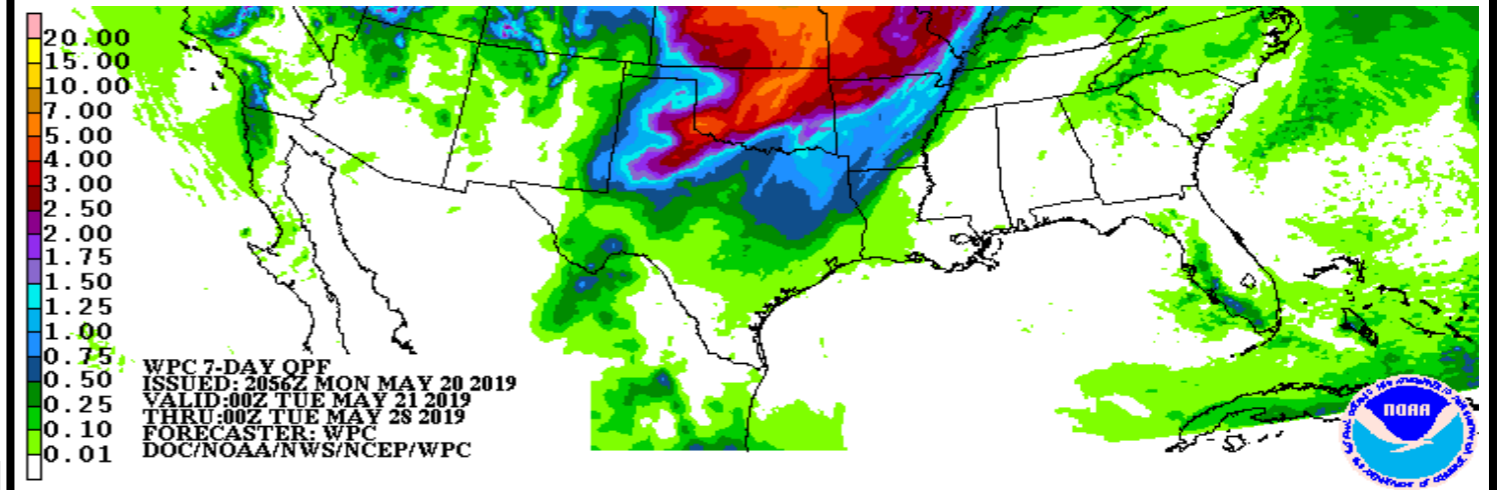
Latest Brazos River Forecast Graphic (WGRFC)



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	11.96	Below Action	18.70
Bryan (Brazos River)	189.30	33.94	Below Action	34.30
Hempstead (Brazos River)	107.90	35.72	Action Stage	37.50
Mill Creek Near Bellville	122.82	3.47	Below Action	No Forecast
San Felipe (Brazos River)	0.00	108.63	Below Action	111.20
Richmond (Brazos River)	27.02	34.25	Action Stage	37.50
Rosharon (Brazos River)	0.01	36.74	Below Action	39.30

7 Day Rainfall Forecast (NOAA Quantitative Precipitation Forecast)



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: 16.07 (10/98 - 02/19)
Historical Period Peak: 41.28 (10/98 - 02/19)

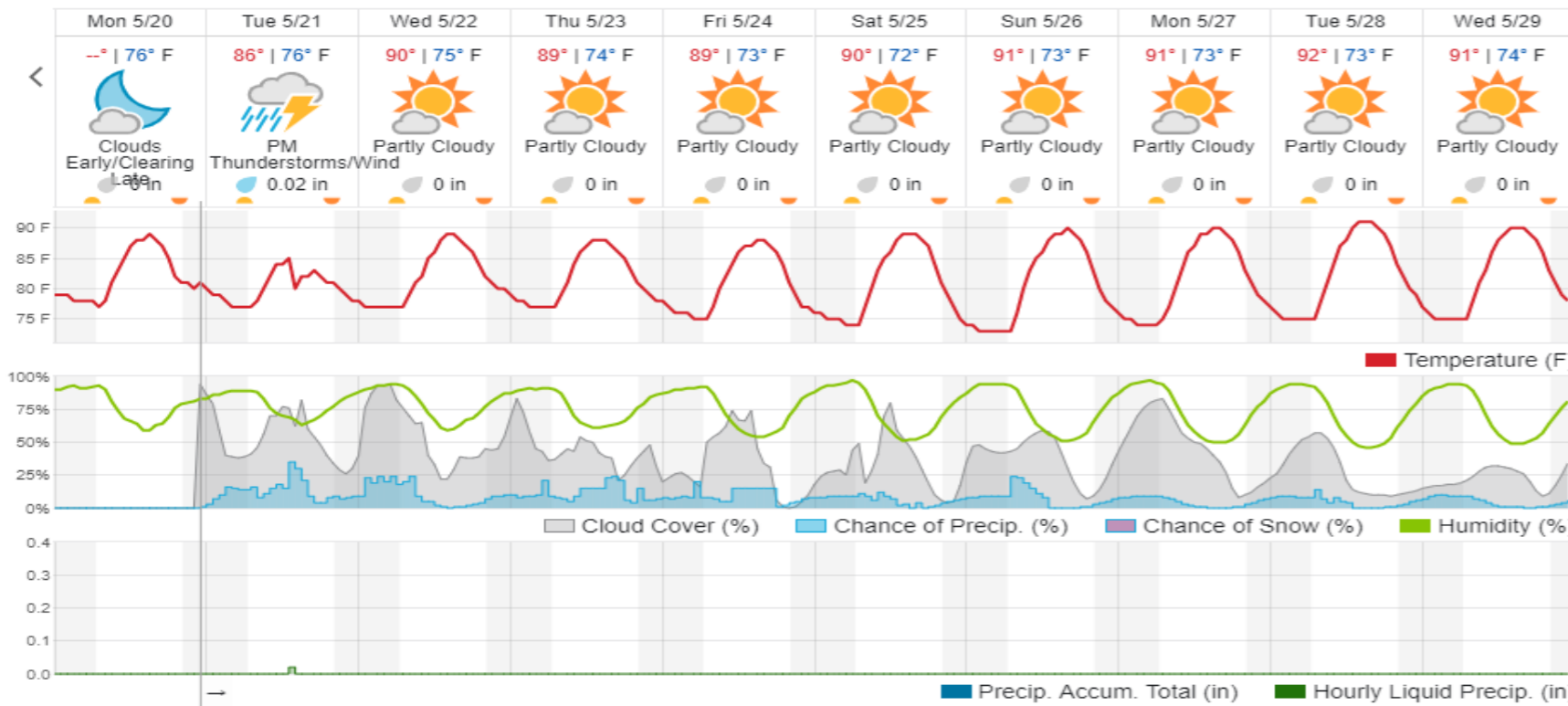
Flood Categories		Previous 7 Days	Historical Peaks (Top 3)
Major Flood Stage	50	34.25 Current Reading	High: 61.20 (12/10/1913)
Moderate Flood Stage	48	45.35 Peak Reading	55.19 (09/01/2017)
Flood Stage	45	35.33 Average Reading	54.74 (06/02/2016)
Action Stage	20		
Low Stage	0		

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

Location	Week's Forecast	Last Week	May (MTD)	2019 (YTD)	YTD Normal (Thru May)	Drought Cond. (05/14)
College Station (NOAA)	0.50	0.08	6.52	20.70	16.25	None
Brenham (NOAA)	0.25	0.00	3.99	13.05	17.52	None
Richmond (USGS)	0.01	0.01	9.55	16.16	17.02	None
Sugar Land (NOAA)	0.01	0.02	11.82	20.73	17.71	None
Bush Interc. (NOAA)	0.01	0.09	6.97	16.65	18.39	None

Weekly Weather Forecast

7 Day Weather Forecast (WeatherUnderground for Richmond)



Richmond Daily Forecasted Peak WSE

NWS Forecast Discussion

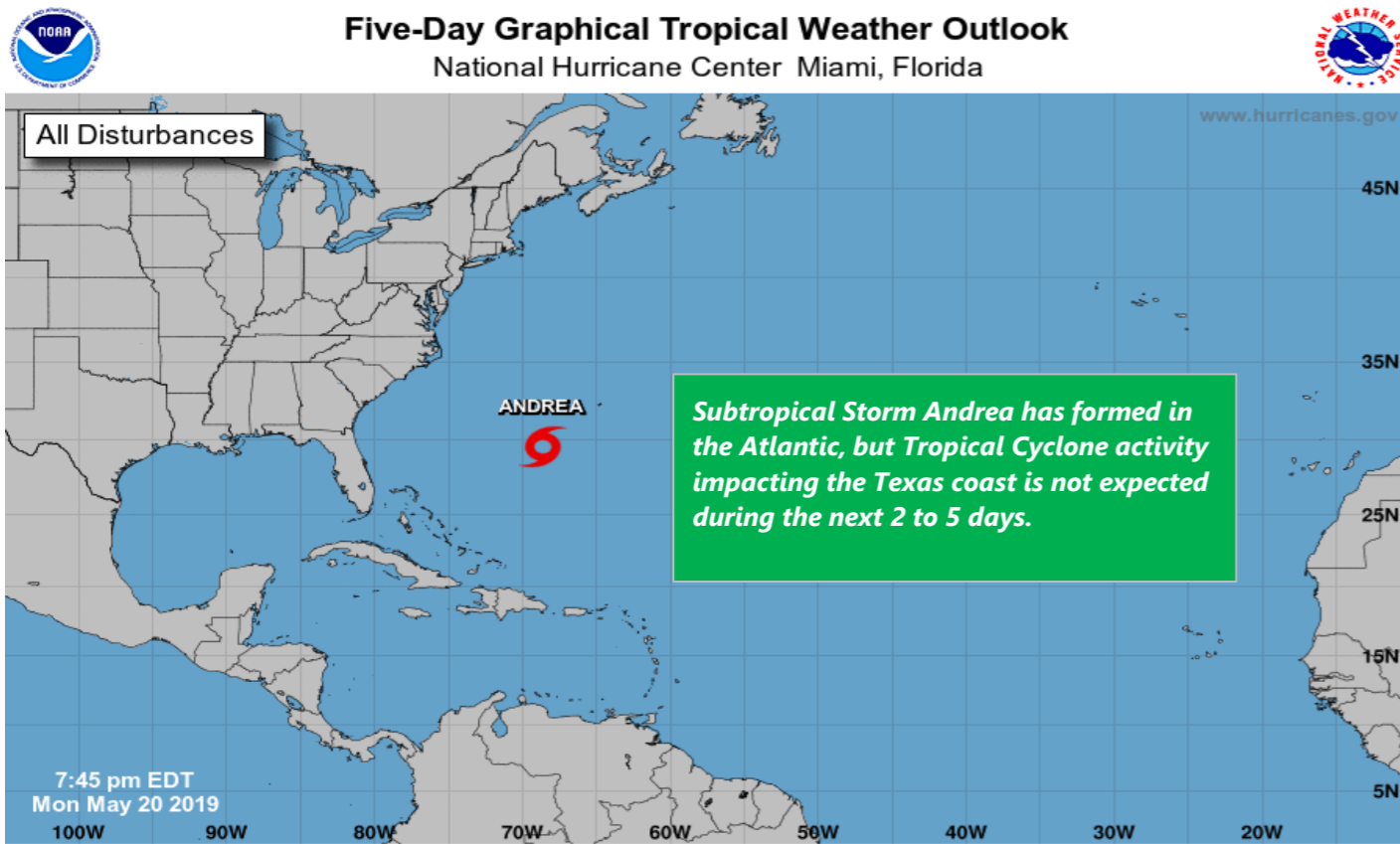
NEAR TERM [Through Tonight]...Strong upper level low over the southern Rockies should move into the Plains tonight into Tuesday morning with a negative tilt. Airmass is quite moist and unstable over SE Texas tonight going into tomorrow but there is little to no lift for storms to initiate. 18Z sounding from TAMU/College Station showed no cap while AMDAR soundings over Houston showed slight capping. They key here being the fact that there is just no lift for storms this afternoon and day time heating will not be enough to get a storm to develop. So for the rest of the night look for a rain free forecast with humid and windy conditions. This means low temperatures in the mid/upper 70s. SHORT TERM [Tuesday Through Wednesday Night]... HREF and WRF model runs show some resemblance of a squall line coming into the area. We will need to maintain some higher end rain chances because it does look like this line moves into the area however it will be weakening as it does. Areas to the north and west of Houston have the best chances of storms from late morning through the early afternoon. The line then falls apart and shifts east through the afternoon so there should not be too much activity by the evening hours. SPC maintains a marginal risk of severe which looks reasonable although all the forcing and lift will be well north of the area. Possible to get a damaging wind gusts as storms decay but overall think the severe threat should be north of the area. LONG TERM [Thursday Through Monday]... Upper level ridging builds over the northern Gulf coast and southeastern states by Thursday morning with deep southerly flow. Pressure gradient increases over the area so expect more strong winds for the marine areas and elevated tides. Thursday we might get a slightly better chance of showers and an isolated storm as a piece of vorticity rotates around the ridge and allows for enough lift to squeeze out a storm. Best chance of an isolated storm looks to the west and southwest of Houston. Overall not too confidence in getting something as the ridge looks pretty strong. Upper level ridge continues to build over the northern Gulf over the weekend into early next week. Forecast will maintain low thunderstorm chances if any at all and above normal temperatures.

National Hurricane Center (June 1 through November 30)

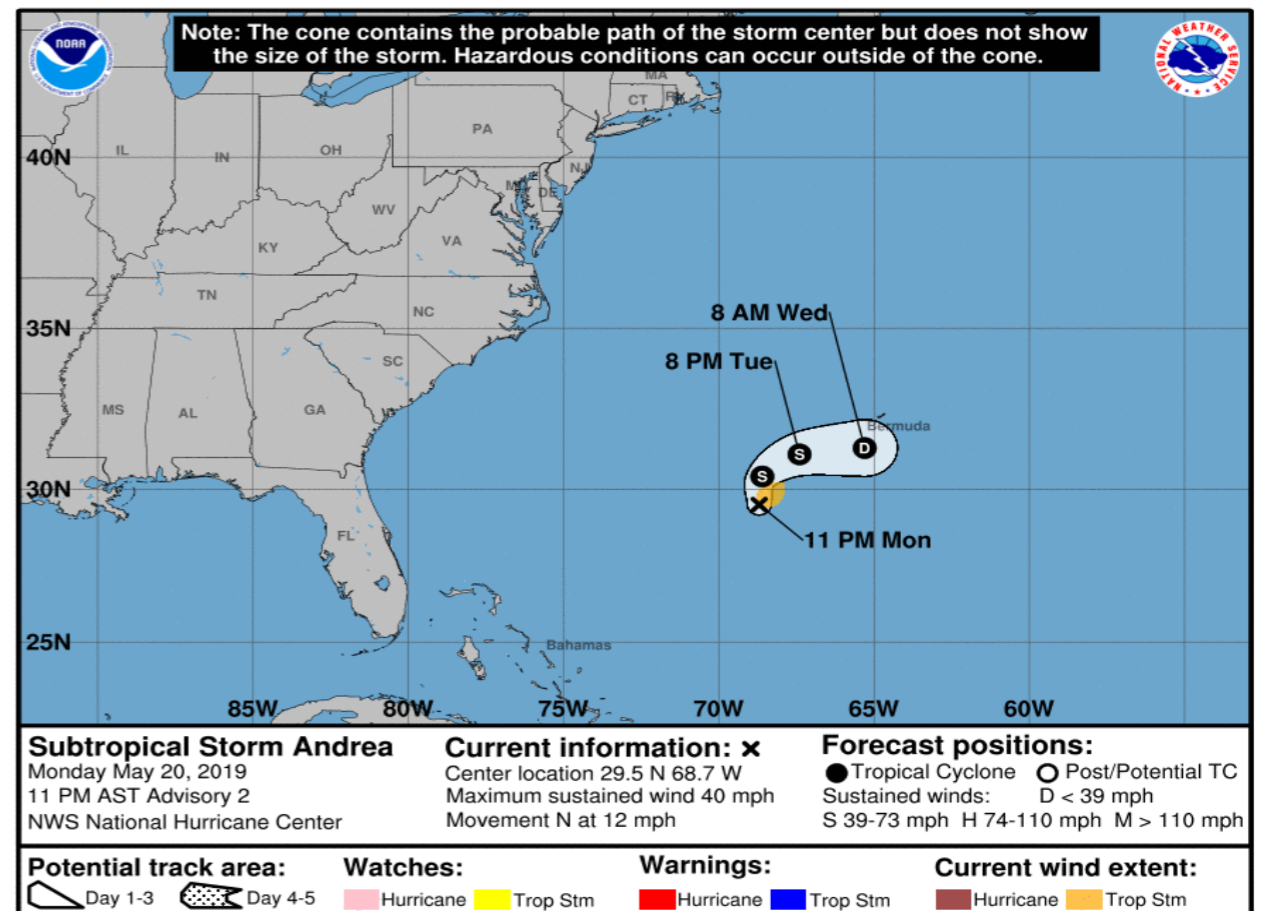
Tropical Cyclones and Disturbances

Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Subtropical Storm Andrea has formed in the Atlantic, but Tropical Cyclone activity impacting the Texas coast is not expected during the next 2 to 5 days.



Subtropical Storm Andrea
Monday May 20, 2019
11 PM AST Advisory 2
NWS National Hurricane Center

Current information: x
Center location 29.5 N 68.7 W
Maximum sustained wind 40 mph
Movement N at 12 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area: Day 1-3 Day 4-5
Watches: Hurricane Trop Stm
Warnings: Hurricane Trop Stm
Current wind extent: Hurricane Trop Stm

Current Disturbances and Five-Day Cyclone Formation Chance:
Tropical or Sub-Tropical Cyclone: ○ Depression ○ Storm ○ Hurricane
Post-Tropical Cyclone or Remnants: ○

Formation Chance: ✕ < 40% ✕ 40-60% ✕ > 60%