

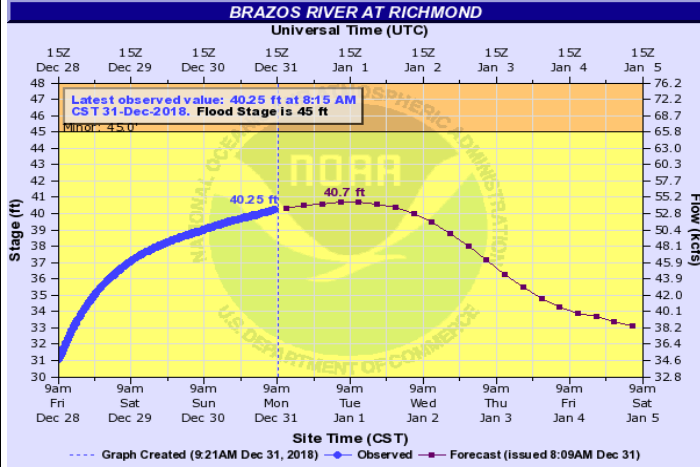
Flood Risk Assessment Week of December 31, 2018



Action Stage - Sunny to Partly Cloudy Skies with Increase Rain Chances Wednesday and Thursday

Brazos River Status

Latest Brazos River Forecast Graphic (WGRFC)



RMOT2(plotting HGIRG) "Gage 0" Datum: 27.02' Observations courtesy of US Geological Survey
Current forecast includes the precipitation received plus the precipitation forecast over the next 12 hours.

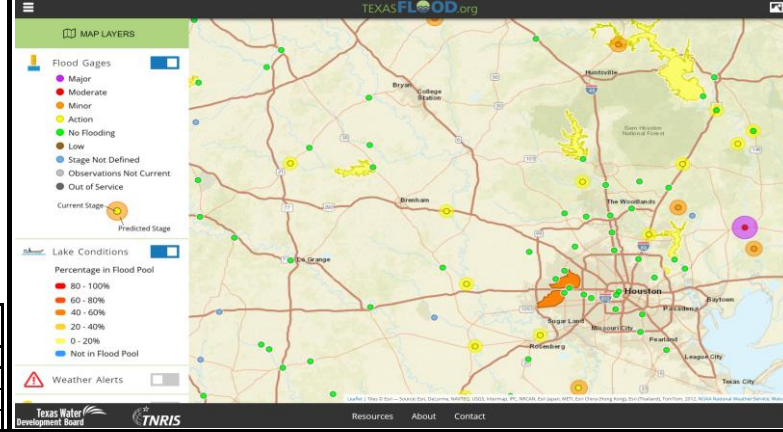
Flood Categories	
Major Flood Stage	50
Moderate Flood Stage	48
Flood Stage	45
Action Stage	20
Low Stage	0

Historical Period Mean:	14.24	(1998-2018)
Historical Period Peak:	39.21	(1998-2018)
Previous 7 Days		Historical Peaks (Top 3)
40.25	Current Reading	61.20 (12/10/1913)
40.25	Peak Reading	High: 55.19 (09/01/2017)
30.99	Average Reading	54.74 (06/02/2016)

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

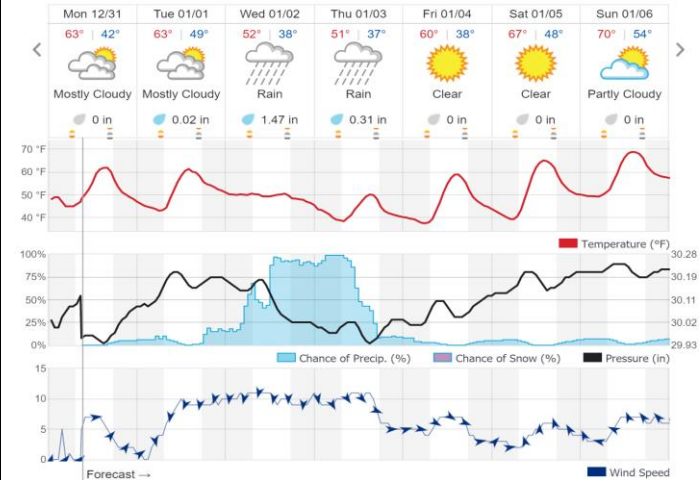
Location	Datum Adj.	Cur. Stage	Cur. Category	Forecast
Navasota River Near Normangee	245.00	15.42	Flood Stage	14.30
Bryan (Brazos River)	189.30	22.62	Below Action	No Forecast
Hempstead (Brazos River)	107.90	40.00	Action Stage	29.20
Mill Creek Near Bellville	122.82	5.06	Below Action	No Forecast
San Felipe (Brazos River)	0.00	113.73	Action Stage	105.40
Richmond (Brazos River)	27.02	40.25	Action Stage	40.70
Rosharon (Brazos River)	0.01	42.05	Action Stage	43.90

Current Gage and Lake Conditions from TexasFlood.org

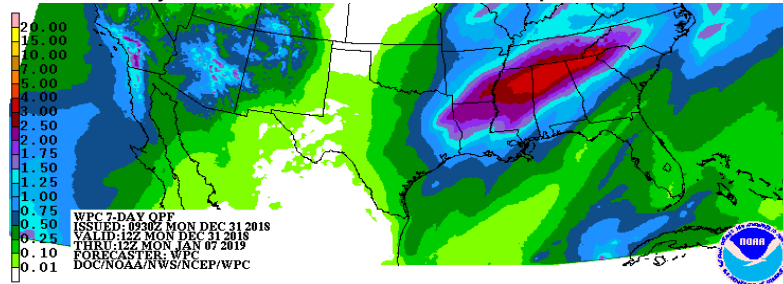


Weekly Weather Forecasts

7 Day Weather Forecast (Intellicast for Richmond)



7 Day Rainfall Forecast (NOAA Quantitative Precipitation Forecast)



Rainfall (Inches) Summaries for 2018 *As Reported by NWS, Data Subject to Change

Location	Week's Forecast	Last Week	December (MTD)	2018 (YTD)	YTD Mean (Thru Dec.)	Drought Cond. (12/25)
College Station (NOAA)	0.50	3.73	8.46	50.14	40.06	None
Brenham (NOAA)	0.50	2.64	6.34	44.44	45.14	None
Richmond (USGS)	0.50	2.03	7.01	43.54	49.08	None
Sugar Land (NOAA)	0.50	2.02	8.20	50.10	50.32	None
Bush Interc. (NOAA)	0.75	2.05	7.62	56.04	49.77	None

Additional Discussion (From NWS Forecast Discussion): Starting to see some improving visibilities along with gradually increasing rain coverage early this morning. Area's rains (and possibly a thunderstorm or two) will exit the area from west to east this morning through early this afternoon. Decreasing cloud cover and southwest to west winds will help to warm up afternoon temperatures into the 60s. It will be dry and temperatures will be cooling down this evening for any planned activities, and tomorrow will be dry too with just an increase in cloud cover. Rain chances are back in the forecast tomorrow night through Thursday as moisture levels rise and lift increases partly associated with a developing coastal trough and the next system moving in from the west. With this midweek event, have gone a little warmer with temperatures, but we will still need to continue to monitor model runs over the next couple of days concerning possible freezing temperatures and frozen precipitation across parts of our northern counties. After this midweek system exits the area, a much drier pattern (northwest flow aloft with high pressure at the surface) will set up for the remainder of the week and on into the weekend.