



## Addicks and Barker Reservoirs

# CWMS Forecast: 07/24/2020 @1000

Addicks and Barker watersheds have gotten less than half an inch of rain, basin average in the last week. A few gauges in Barker have notably registered 1.4 – 2.9 inches, but even there, the rest of the gauges show very little accumulation. Addicks is currently empty, and Barker nearly so. Gates at both reservoirs are currently open. Tropical Storm Hanna is currently projected to make landfall near the Corpus Christi area. Harris County can expect to see rain from this storm, however current weekend projections are in the 1-1.5 inch range at the reservoirs. The 7-day QPF is 1.5 – 2 inches.

This forecast assumes a rainfall distribution similar to Figure 1 on Page 2 of this document with a total rainfall amount of about 1.8 inches. This forecast also assumes that gates remain open throughout the event.

The Corps Water Management System (CWMS) modeling suite is run when precipitation is anticipated to help plan reservoir operations. This CWMS forecast was created by USACE on July 24, 2020 using the best data available at the time. It may or may not accurately reflect existing or future conditions. Updated reservoir forecasts will be provided if NWS substantially changes its precipitation forecast.

Forecast Summary for 7-Day QPF				
	Addicks		Barker	
<b>Time of Forecast</b>	68.32	24 Jul 2020, 1000	72.6	24 Jul 2020, 1000
<b>Peak</b>	< 80	27 Jul 2020, 0200	< 80	27 Jul 2020, 1000
<b>EW, Stage 1 Res. Level</b>	< 87	Not forecasted	< 85	Not forecasted
<b>Empty</b>	70	< 1 week	71.2	< 1 week

### Forecast Information:

- Forecast Start Time: 7/24/2019 1000
- Lookback Period: 7 days
- Forecast End Time: 8/15/2020
- Data Sources
  - NexRad
  - Manual QPF from local NWS office
- Predicted reservoir flows shown on Pages 4 & 5
- Predicted discharges available on request

### Real-time Reservoir Information:

- [Addicks Reservoir](#)
- [Barker Reservoir](#)
- [Buffalo Bayou @ Piney Point](#)



Figure 1. NWS Houston/Galveson Hourly Weather Forecast

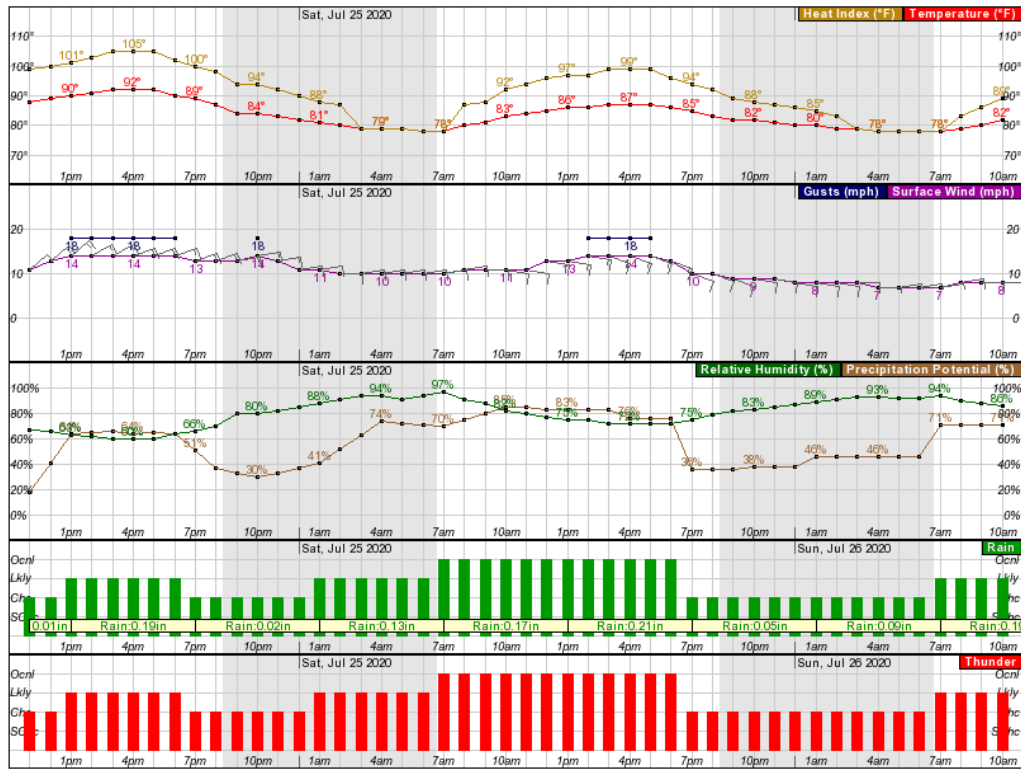


Figure 2. WGRFC 72-hr QPF

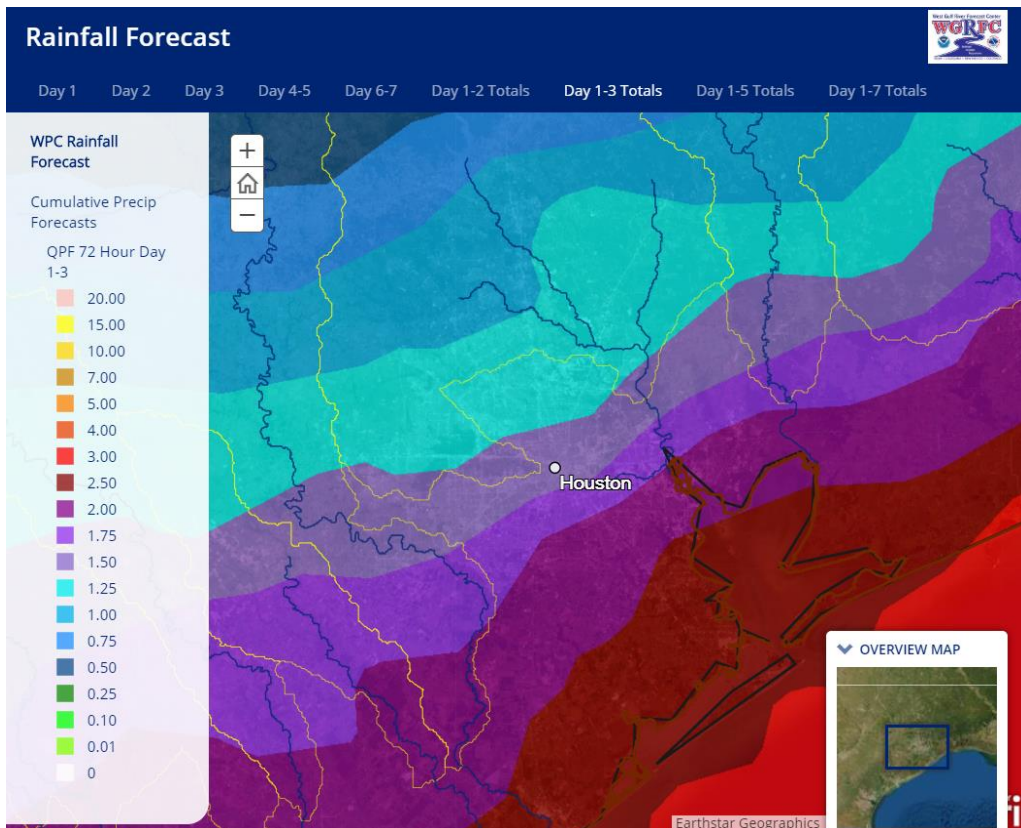




Figure 3. WGRFC 7-day QPF

