



## Addicks and Barker Reservoirs

# CWMS Forecast: 09/23/2020 @0700

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Gates at Addicks and Barker Reservoirs were closed on September 21, 2020. Over the last 72 hours, the reservoirs have gotten between 6-9 inches of rain, while more fell downstream of the reservoirs. Tropical Storm Beta has moved out of the area. Current projections are 0.02 inches over the next 6 hours. Nothing more is forecasted over the rest of the week.

This forecast assumes a rainfall distribution similar to Figure 1 on Page 2 of this document with a total rainfall amount of about 0.02 inches. This forecast also assumes that releases will resume this morning and ramp up during the day.

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 September 23, 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>	91.0	23 Sep 2020, 0700	88.1	23 Sep 2020, 0700
<b>Peak</b>	92.3	25 Sep 2020	90.15	26 Sep 2020
<b>EW, Stage 2 Res. Level</b>	97.46	N/A	93.6	N/A
<b>EW, Stage 1 Res. Level</b>	87	06 Oct 2020	85	08 Oct 2020
<b>Empty</b>	70	~ 2 weeks	71.2	~ 2 weeks

### Forecast Information:

- Forecast Start Time: 9/23/2020 0700
- Lookback Period: 8 days
- Forecast End Time: 10/15/2020
- 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

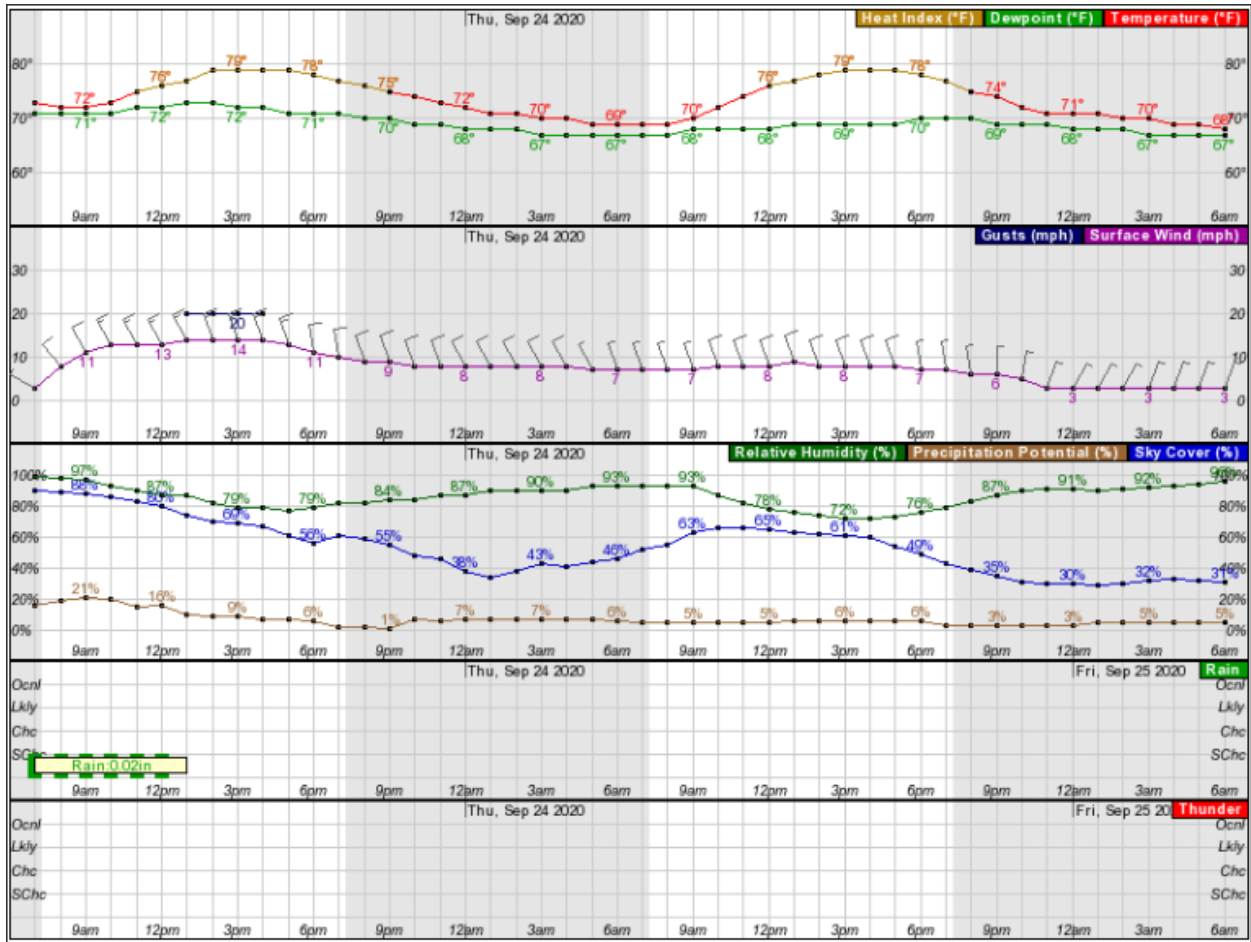




Figure 2. WGRFC 72-hr QPF

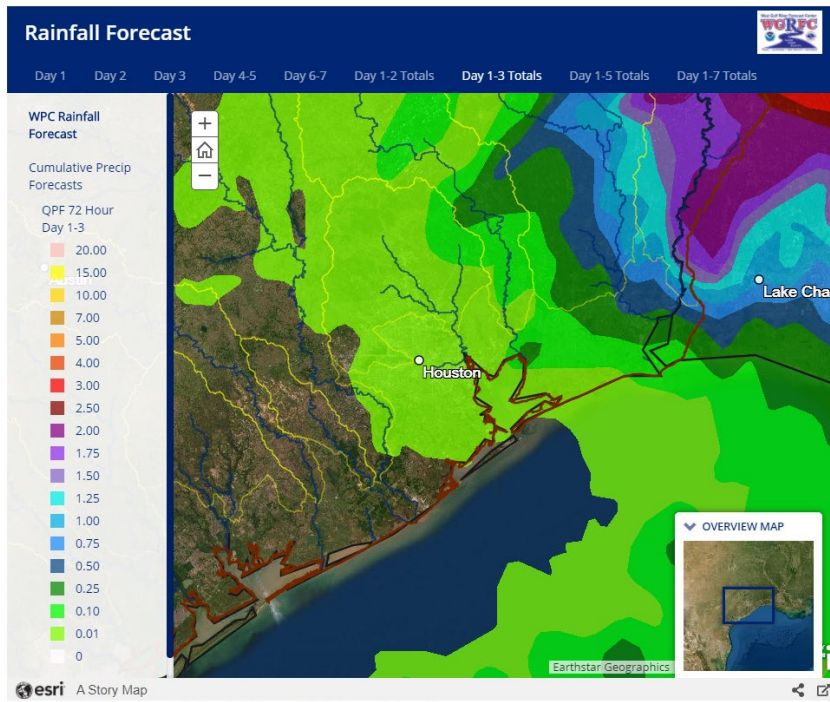


Figure 3. WGRFC 7-day QPF

