



## Addicks and Barker Reservoirs

# CWMS Forecast: 09/20/2019 @0700

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Since Tropical Storm Imelda began, rainfall totals in Addicks watershed range from 2" in the west to 7.6 inches near the dam outlet. Barker watershed has received from 1.7" to 6.4" of rainfall. Gates were closed on Tuesday 17 Sept 2019.

This forecast uses 2-day Manual QPF based on forecasts provided by the National Weather Service and WGRFC, which forecasts an additional 0.25 inches of additional precipitation over the next 2 days. This forecast assumes that gates will reopen tonight with total releases of about 900 cfs, and then increasing tomorrow morning.

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 20, 2019 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 3-Day QPF				
	Addicks		Barker	
<b>Time of Forecast</b>	87.37	19 Sept 2019, 0700	85.58	19 Sept 2019, 0700
<b>Peak</b>	88.1	22 Sept	88.9	22 Sept
<b>EW, Stage 1 Res. Level</b>	<87	27 Sept	<85	28 Sept
<b>Hwy6 / Westheimer</b>	96.0	Not Forecasted	93.2	Not Forecasted
<b>EW, Stage 2 Res. Level</b>	>97.46	Not Forecasted	>93.6	Not Forecasted
<b>Empty</b>	70	approx 2 weeks	71.2	approx 2 weeks

### Forecast Information:

- Forecast Start Time: 09/20/2019 7:00
- Lookback Period: 7 days
- Forecast End Time: 10/15/2019
- Data Sources
  - NexRad
  - Manual QPF based on National Weather Service forecasts
- Predicted reservoir flows shown on Pages 3 & 4
- Predicted discharges available on request

### Real-time Reservoir Information:

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

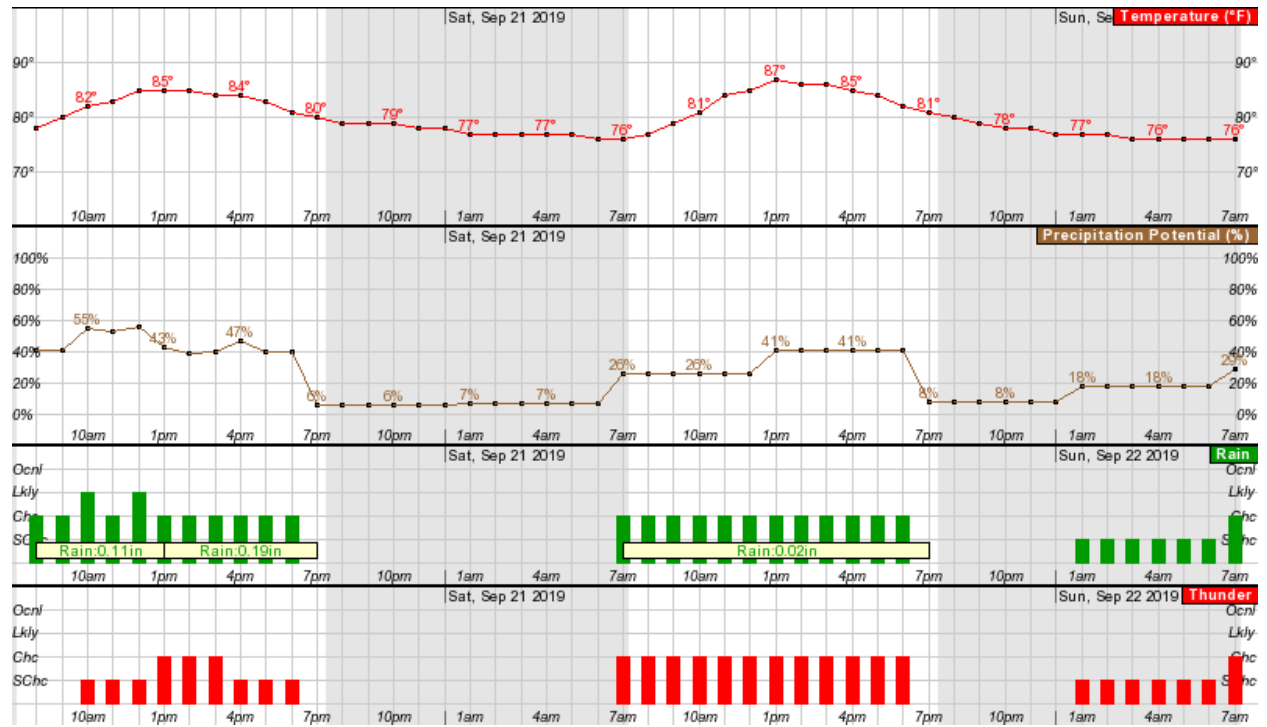


Figure 1. NWS Houston/Galveston 48-hr QPF

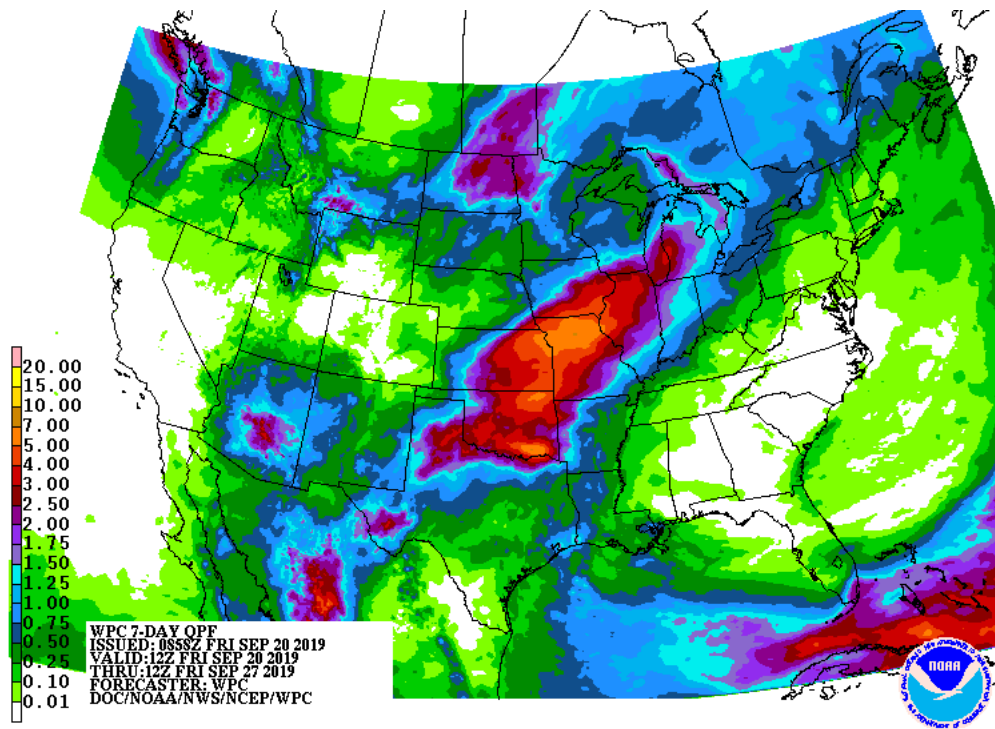


Figure 2. NCEP 7-day QPF

