



## Addicks and Barker Reservoirs

# CWMS Forecast: 01/06/2021 @ 1100

---

Over the period of December 30-31, the Buffalo Bayou watershed received 2-4 inches of rainfall. Gates at both reservoirs were closed on December 30<sup>th</sup> and releases were started on January 1<sup>st</sup>, 2021. Both pools have peaked and are now falling. Total releases currently are approximately 800 cfs. There is a chance of showers and thunderstorms today with a QPF of 0.5-1.0 inches.

This forecast assumes a 7-day rainfall distribution as shown on Figure 2 on Page 2 of this document with a total rainfall amount of 1.8 inches. This forecast also assumes that releases will be held at a similar level and slightly increased over time to maintain a flow just below 2000 cfs at Piney Point.

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 January 6, 2021 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>Peak</b>	88.42	02 Jan 2021, 0800	86.35	02 Jan 2021, 2000
<b>Time of Forecast</b>	86.27	06 Jan 2021, 1100	85.31	06 Jan 2021, 1100
<b>EW, Stage 1 Res. Level</b>	< 87	N/A	< 85	08 Jan 2021
<b>Empty</b>	70	~1 week	71.2	~1 week

### Forecast Information:

- Forecast Start Time: 01/06/2021 @ 1100
- Lookback Period: 11 days
- Forecast End Time: 01/15/2021
- Data Sources
  - NexRad
  - Manual QPF from local NWS office
- 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. WGRFC 24-hr QPF

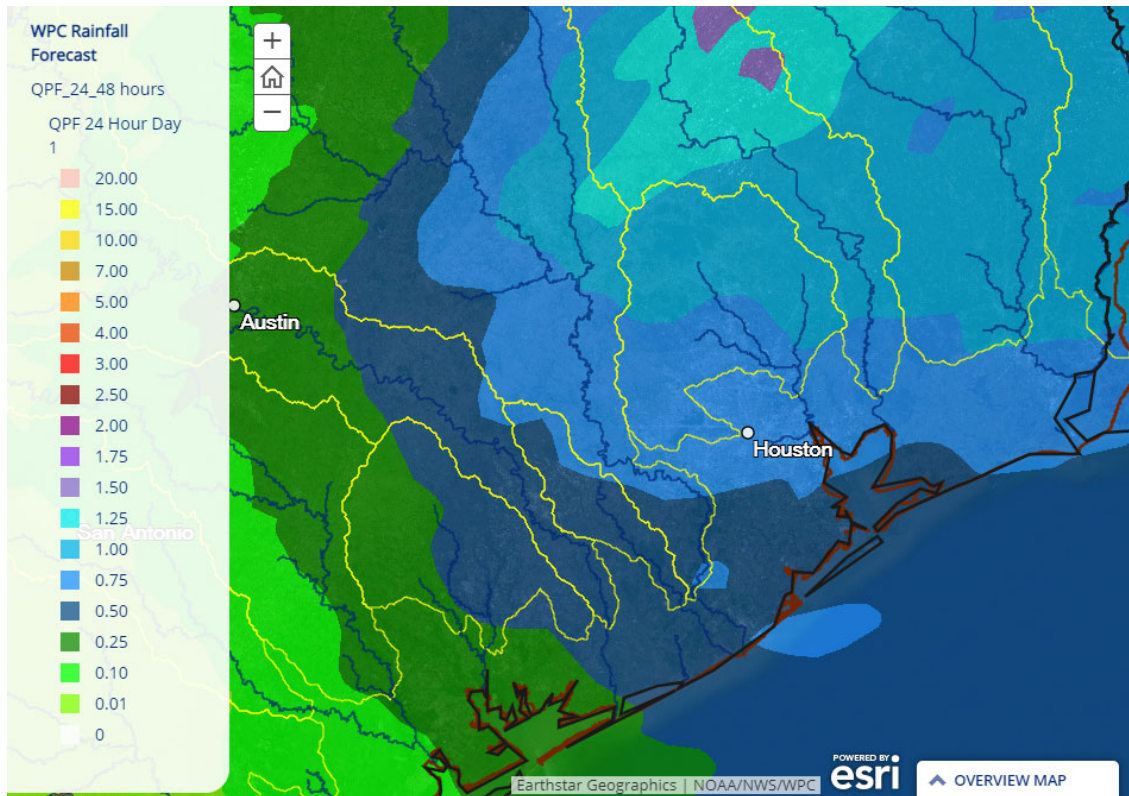


Figure 2. WGRFC 7-day cumulative QPF

