



Addicks and Barker Reservoirs

CWMS Forecast: 12/09/2018 @0600

Addicks and Barker watersheds received approximately 5.13 and 4.84 inches of rain, respectively, on December 7-8. Addicks and Barker are both in Stage 1 Extended Watch and continue to rise. Releases began yesterday afternoon and increased to ~1300 cfs combined last evening. Releases are being increased to ~2150 this morning.

This forecast assumes further increases in releases this afternoon and, at this time, does not include decreased releases for potential rain mid-week, which could impact the release plan and the overall time to empty. Within the government owned portion of the reservoirs, we still only expect impacts to minor roads and low lying recreation areas. This forecast uses 7-day QPF provided by WGRFC and estimates no rain in the next three days with an increased chance of rain mid-week.

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 December 9, 2018 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	
Time of Forecast	90.35	09 Dec 2018, 0600	86.81	09 Dec 2018, 0600
Peak	90.73	10 Dec 2018	88.27	11 Dec 2018
EW, Stage 1 Res. Level	87	Past	85	Past
EW, Stage 2 Res. Level	97.46	Not forecasted	93.6	Not forecasted
Empty	70	~2-3 weeks	71.2	~2-3 weeks

Forecast Information:

- Forecast Start Time: 12/09/2018 06:00
- Lookback Period: 9 days
- Forecast End Time: 12/31/2019
- Data Sources
 - NexRad
 - Gridded QPF, WGRFC (09DEC18 00Z)
- Predicted reservoir flows shown on Pages 3 & 4
- Predicted discharges available on request

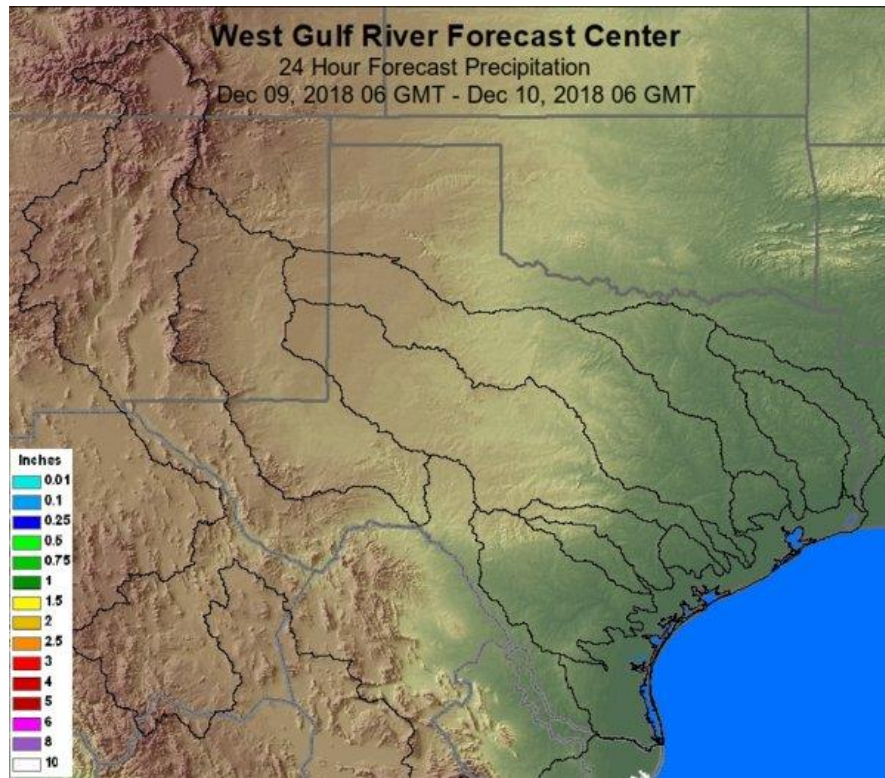


Figure 1. WGRFC 1-day QPF

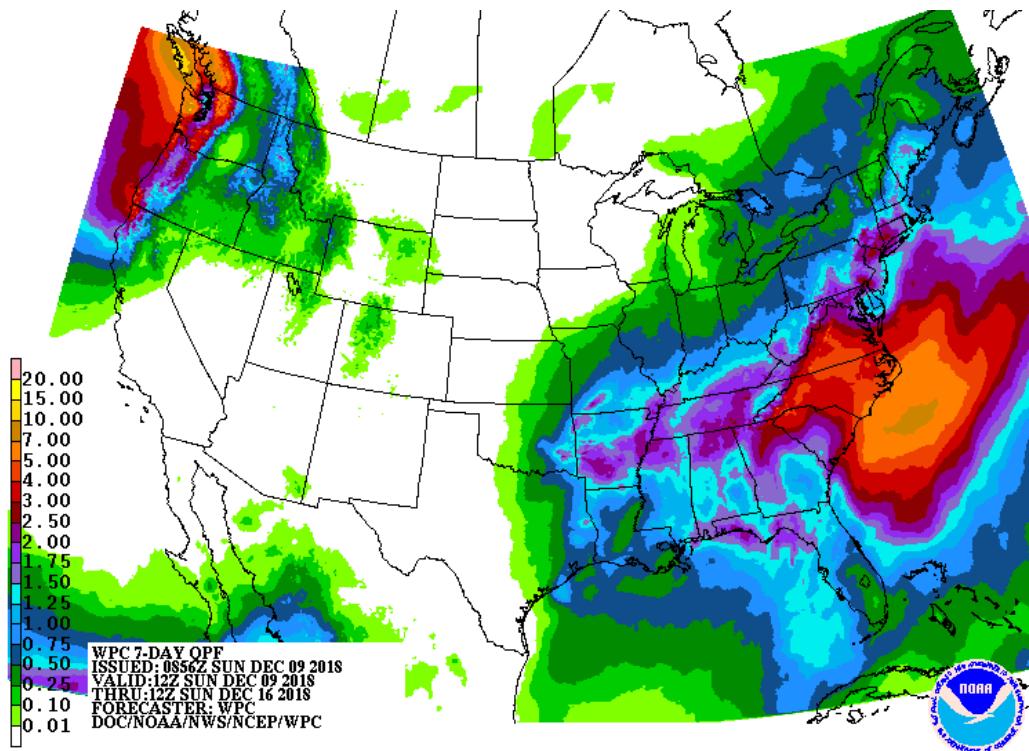


Figure 2. NCEP 7-day QPF

