

The background of the slide is a close-up photograph of water. It features a series of concentric ripples on the left side, transitioning into a dense field of small, clear bubbles on the right side. The overall color palette is a range of light blues, from pale to a slightly deeper cyan.

## **STAFF UPDATE**

### Water Resources and Planning Update

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Rachel Ickert, *Chief Water Resources Officer*

# Percent of Normal Rainfall

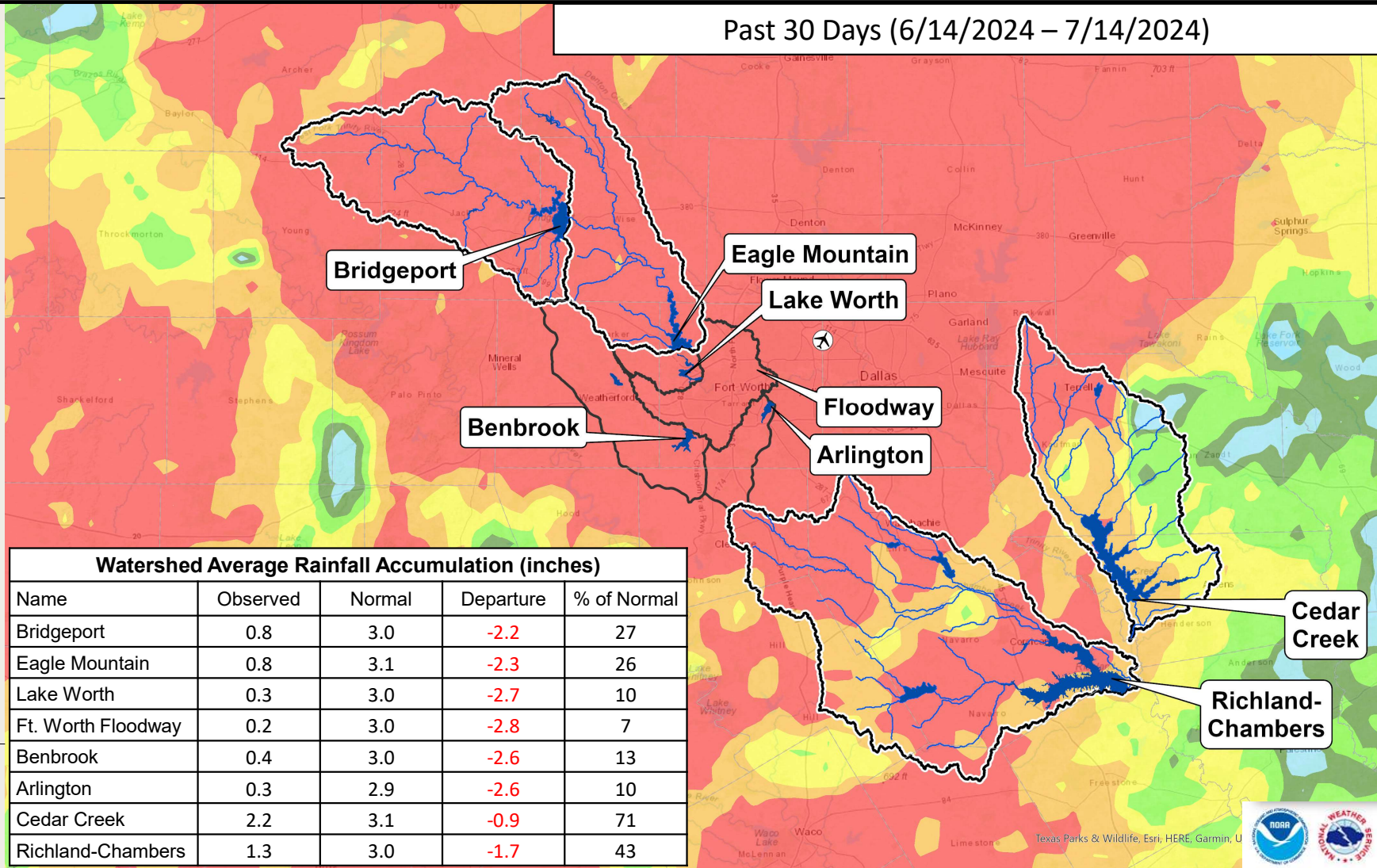


## LEGEND

- 0 - 50 %
- 50 - 75 %
- 75 - 100 %
- 100 - 125 %
- 125 - 150 %
- 150 - 175 %
- 175 - 200 %
- 200 - 225 %
- 225 - 250 %
- > 250 %

Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using ESRI ArcGIS.

Past 30 Days (6/14/2024 – 7/14/2024)



**Watershed Average Rainfall Accumulation (inches)**

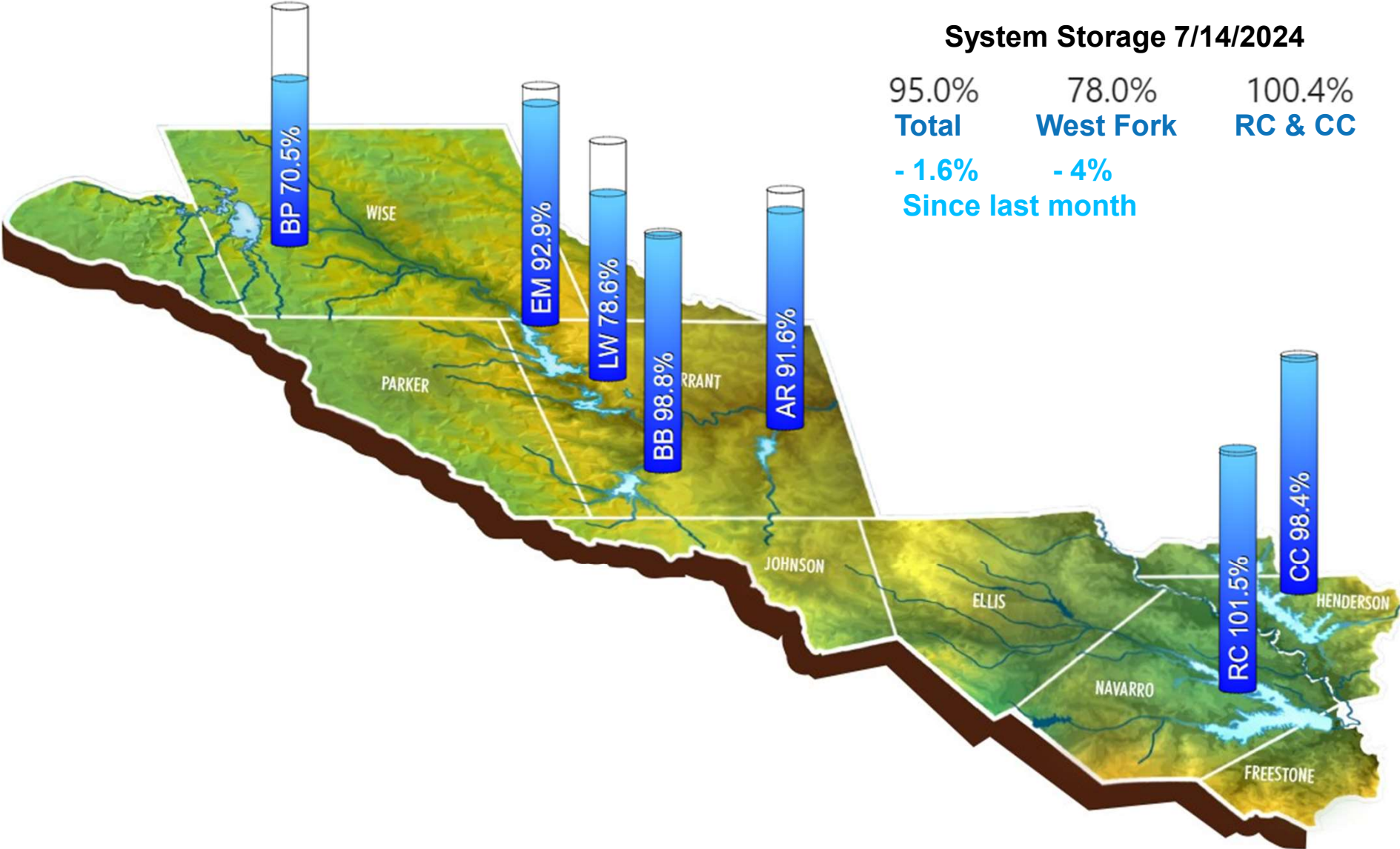
Name	Observed	Normal	Departure	% of Normal
Bridgeport	0.8	3.0	-2.2	27
Eagle Mountain	0.8	3.1	-2.3	26
Lake Worth	0.3	3.0	-2.7	10
Ft. Worth Floodway	0.2	3.0	-2.8	7
Benbrook	0.4	3.0	-2.6	13
Arlington	0.3	2.9	-2.6	10
Cedar Creek	2.2	3.1	-0.9	71
Richland-Chambers	1.3	3.0	-1.7	43



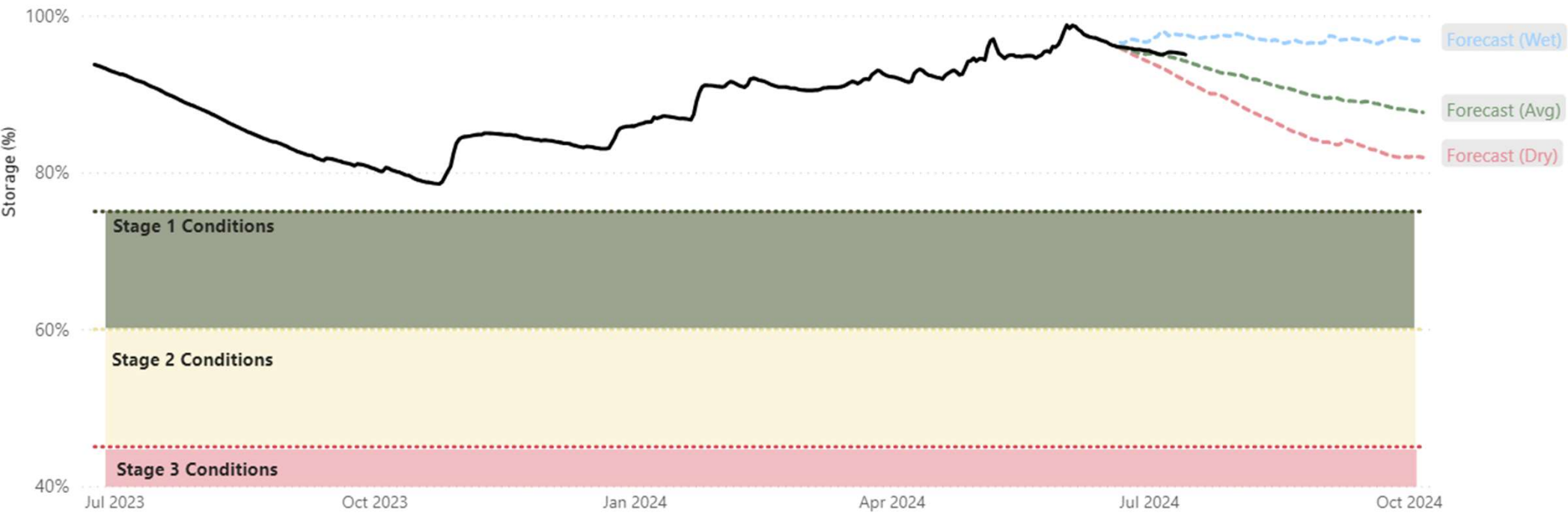


**System Storage 7/14/2024**

95.0%      78.0%      100.4%  
**Total**      **West Fork**      **RC & CC**  
- 1.6%      - 4%  
**Since last month**



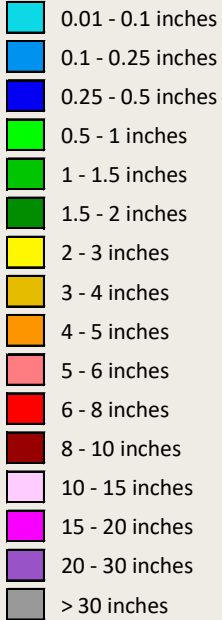
# Historic and Projected Total Water Supply Storage



# Rainfall Forecast



## LEGEND



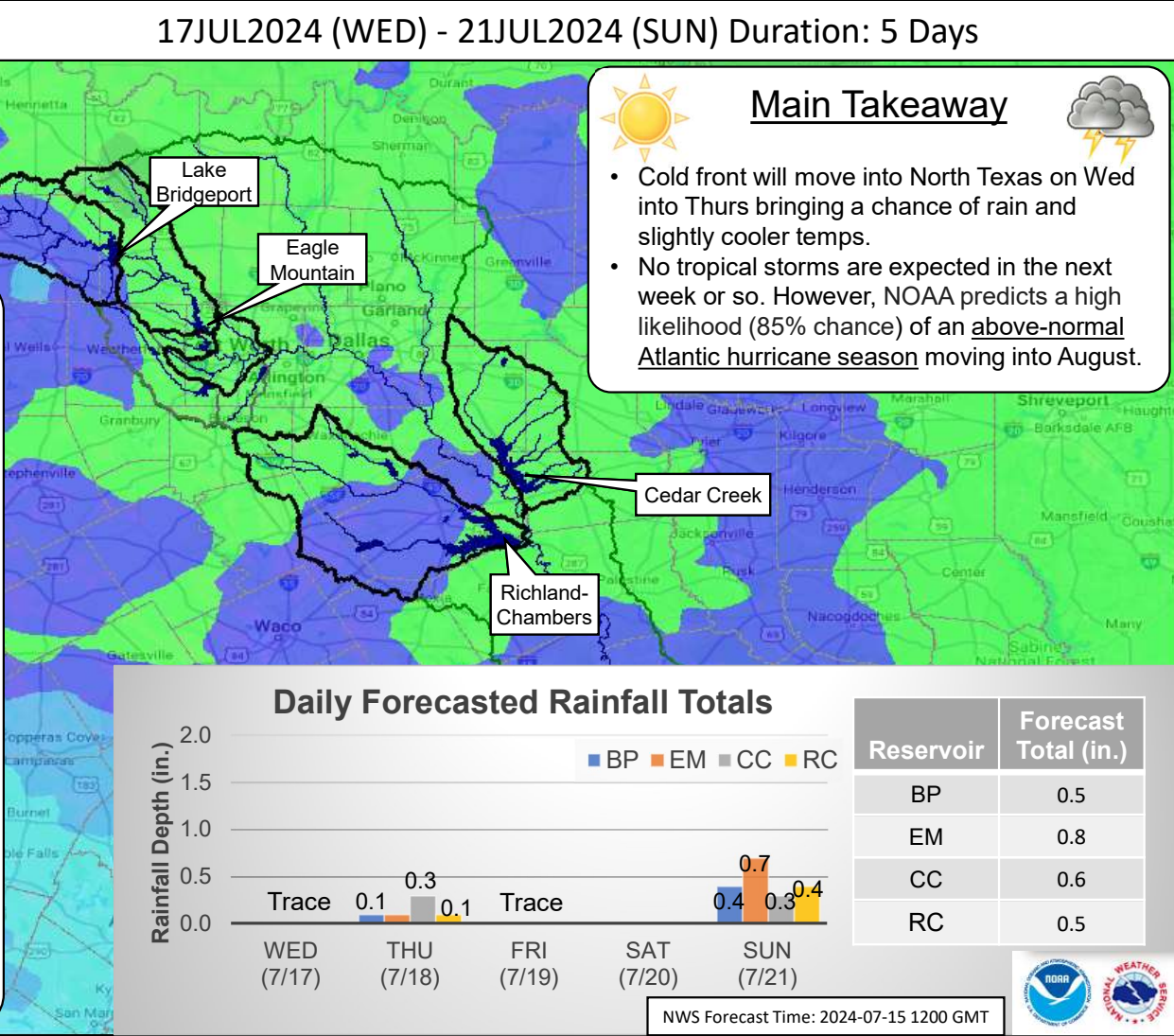
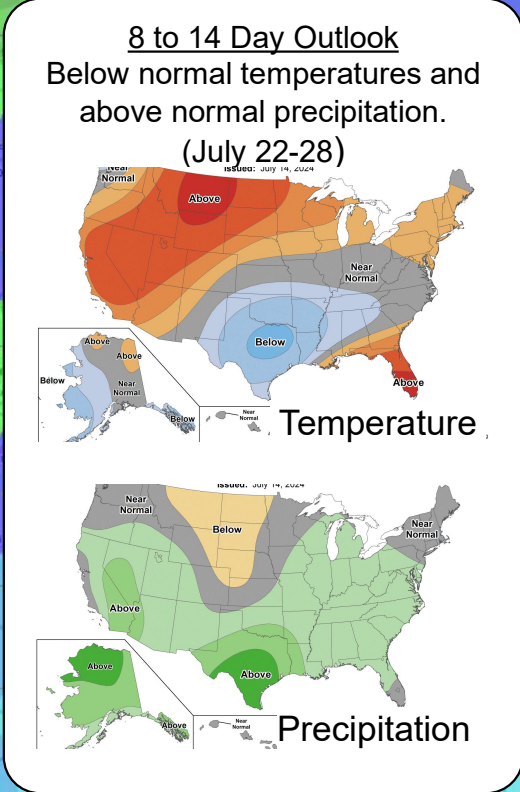
**Note on QPF** - QPFs depict the amount of liquid precipitation expected to fall during a specified time period in the future. Because precipitation can vary significantly over short distances, QPFs are reported as the expected "areal average" on a 20-kilometer (12.4 mile) grid. Several factors contribute to QPF estimates, including the current state of the atmosphere, modeled pressure systems, satellite trends, and manual adjustments made by forecasters.

17JUL2024 (WED) - 21JUL2024 (SUN) Duration: 5 Days

## Main Takeaway



- Cold front will move into North Texas on Wed into Thurs bringing a chance of rain and slightly cooler temps.
- No tropical storms are expected in the next week or so. However, NOAA predicts a high likelihood (85% chance) of an above-normal Atlantic hurricane season moving into August.



Precipitation forecast is obtained from NOAA's NWS and provided by the Weather Prediction Center (WPC). The data is processed and displayed using USACE Met-Vue software

NWS Forecast Time: 2024-07-15 1200 GMT

