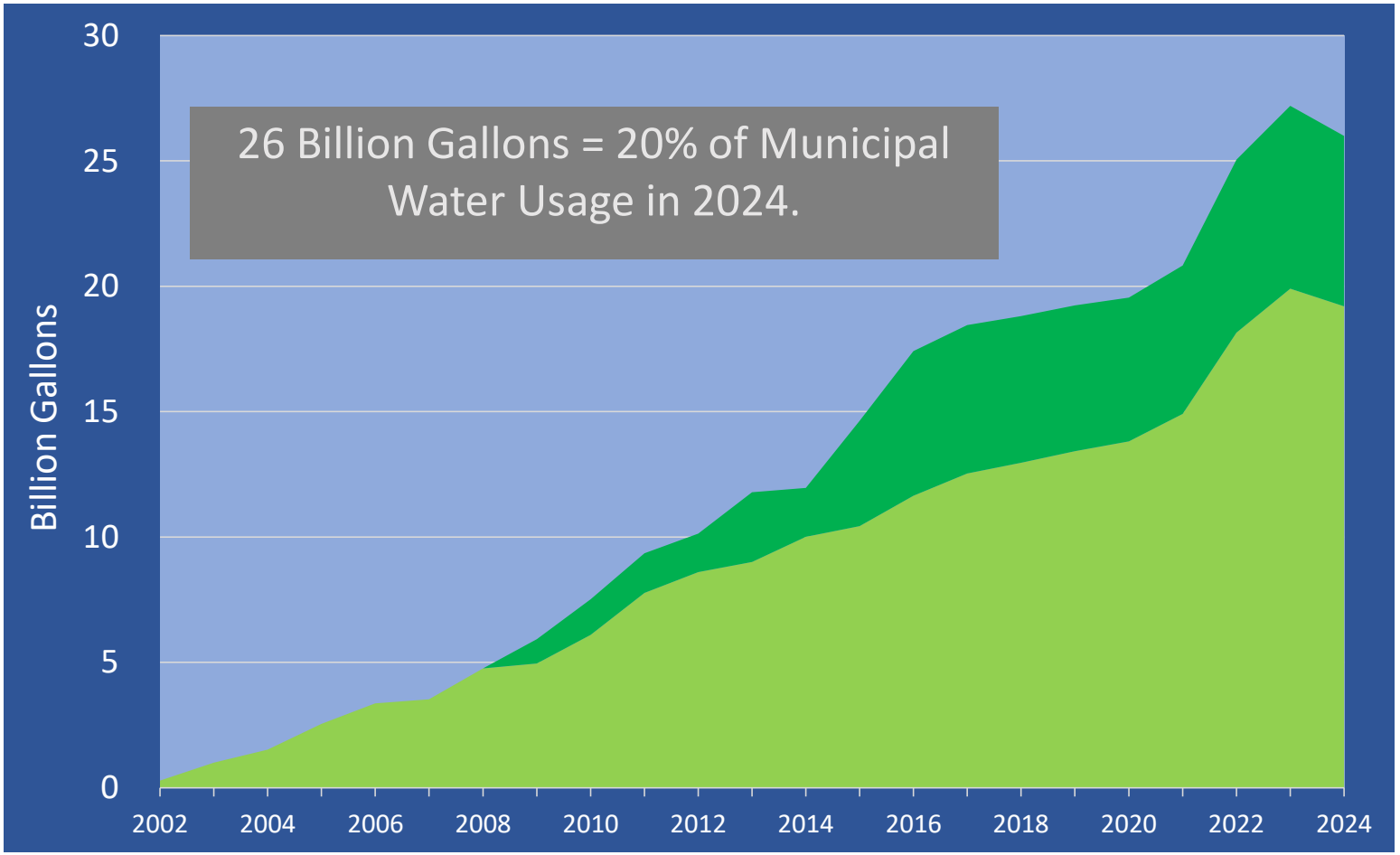
PRESENTATION

Water Resources

Rachel Ickert, Chief Engineering Officer

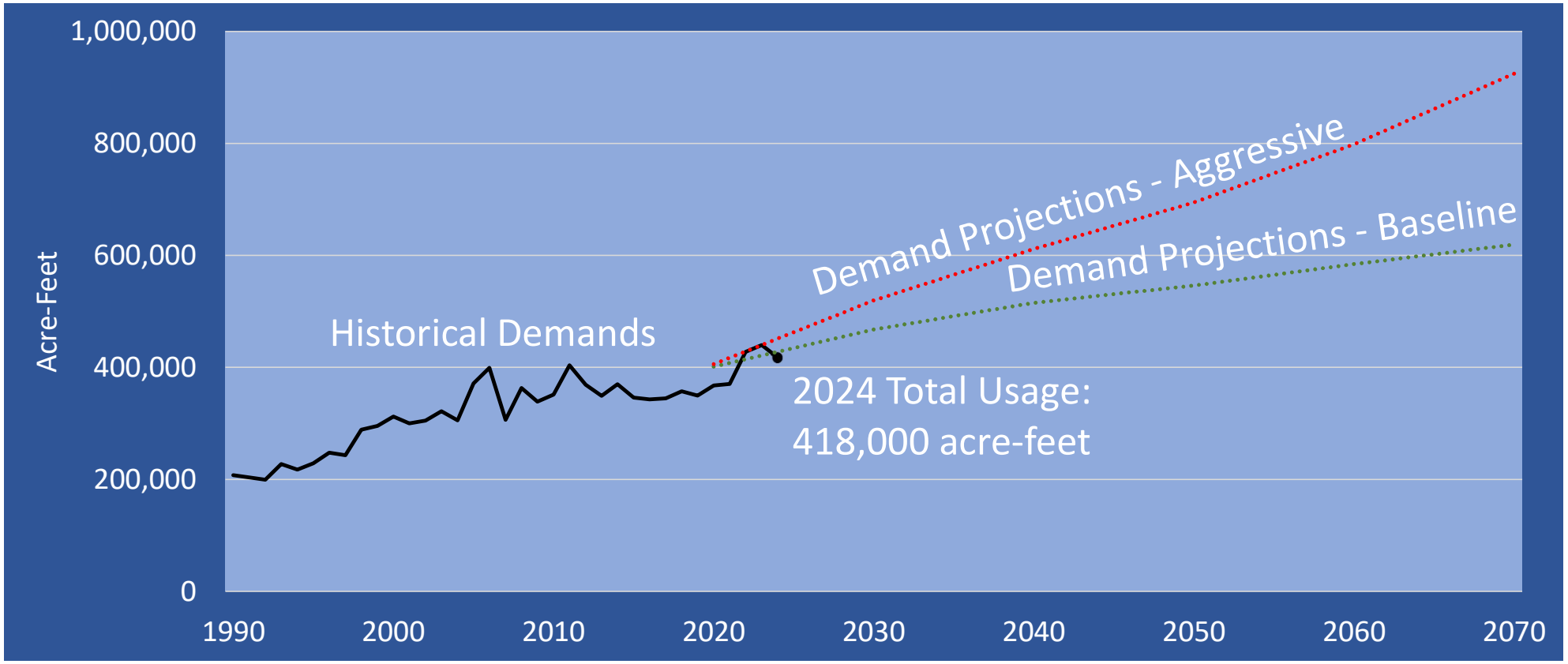
2024 Estimated Conservation Savings = 26 Billion Gallons



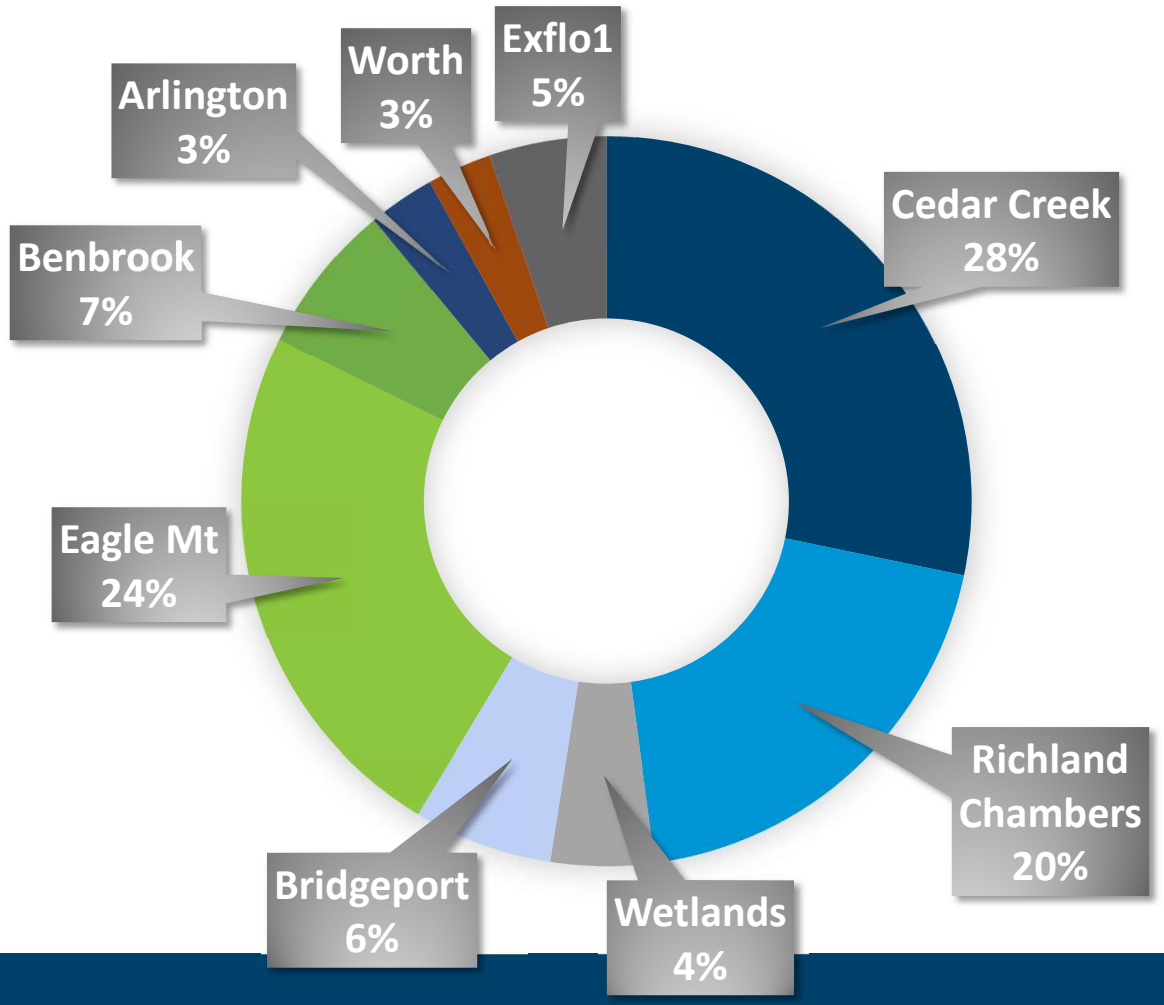
Outdoor Savings:
7 Billion Gallons

Indoor Savings:
19 Billion Gallons

Historical Use and Projected Demands



2024 Water Use by Source/Water Right



Water Supply Planning Updates

Water Rights – We received our Exflo2 Permits in January!

Regional Water Planning for 2027 State Water Plan

- Dan Buhman is now the Region C Water Planning Group Chair.
- Draft 2026 Regional Water Plans were submitted to TWDB this month.

Capital Improvement Program (CIP) – Updates coming next month.

Percent of Normal Rainfall

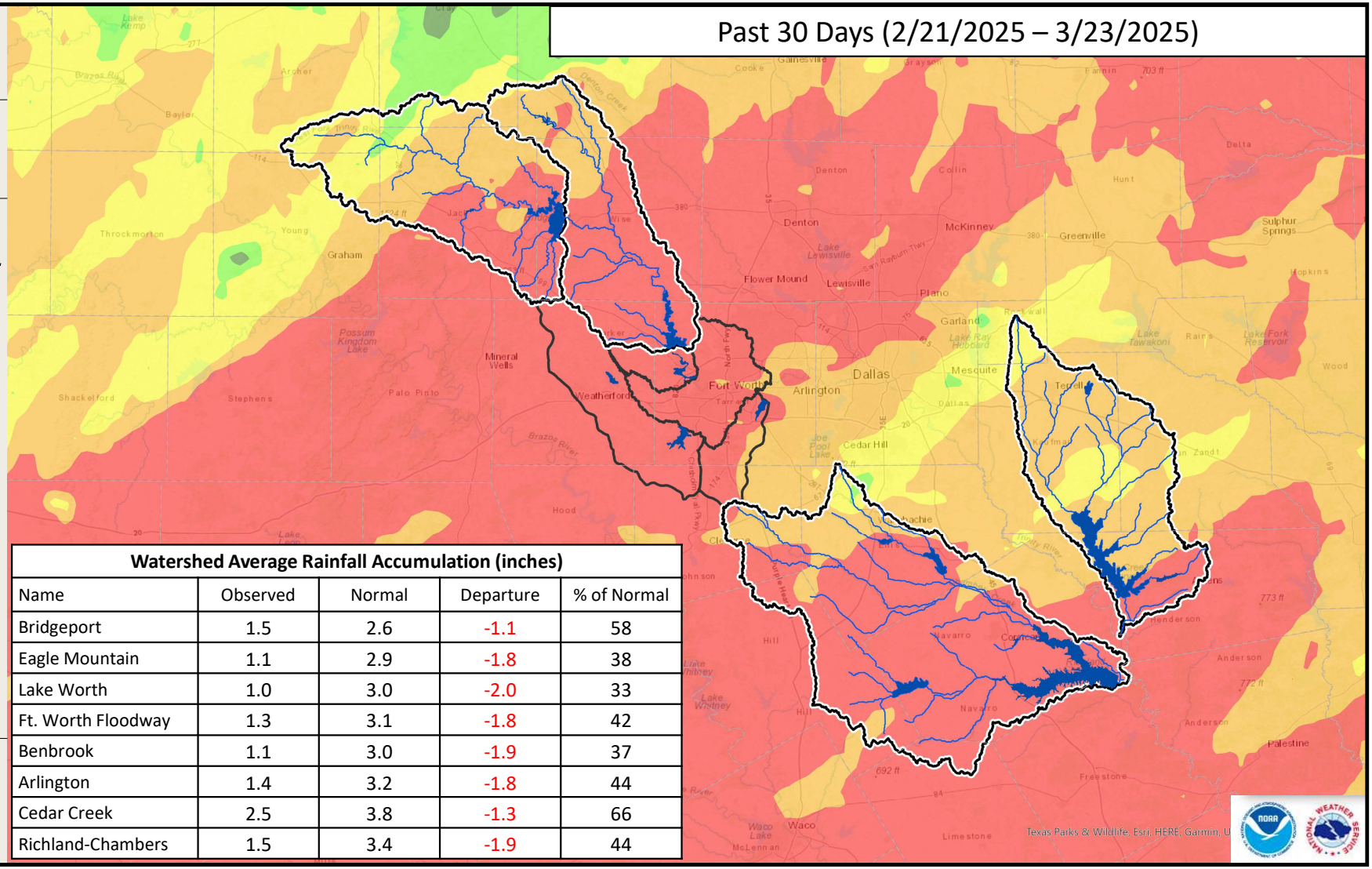
trwd Tarrant Regional Water District

LEGEND

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

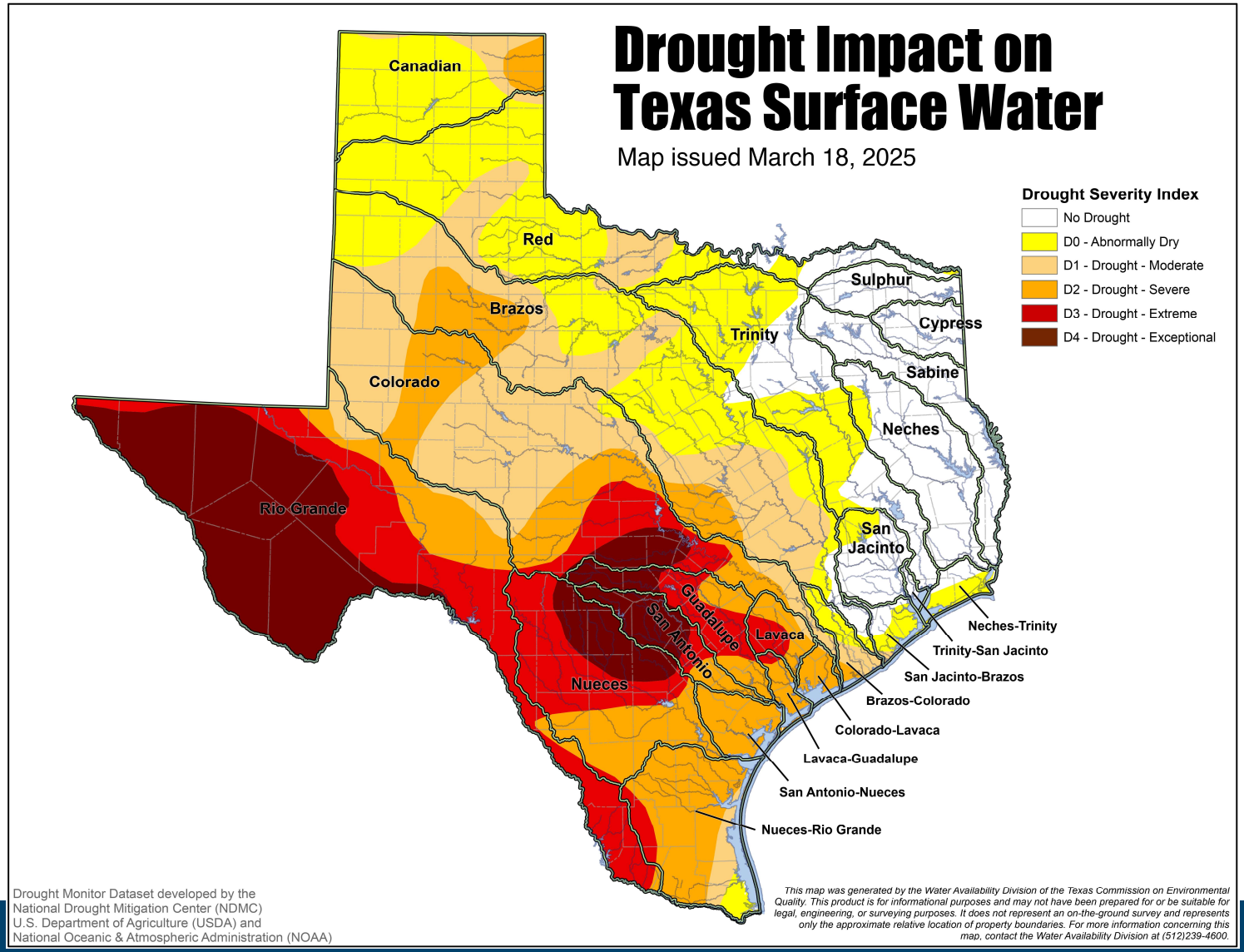
Precipitation totals are obtained from NOAA's NWS. The totals displayed are estimated by the WGRFC. The data is processed and displayed using ESRI ArcGIS.

Past 30 Days (2/21/2025 – 3/23/2025)



Watershed Average Rainfall Accumulation (inches)

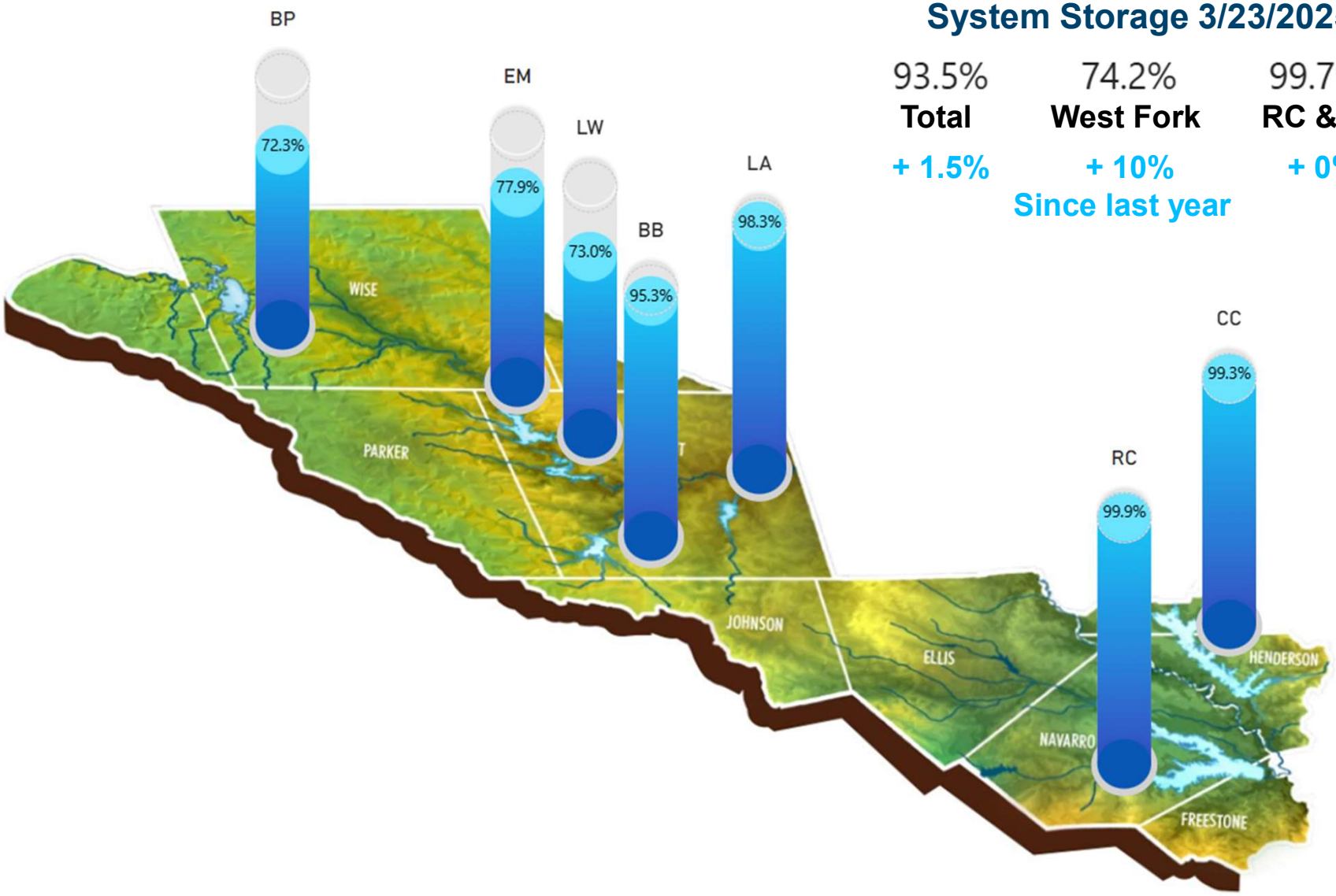
Name	Observed	Normal	Departure	% of Normal
Bridgeport	1.5	2.6	-1.1	58
Eagle Mountain	1.1	2.9	-1.8	38
Lake Worth	1.0	3.0	-2.0	33
Ft. Worth Floodway	1.3	3.1	-1.8	42
Benbrook	1.1	3.0	-1.9	37
Arlington	1.4	3.2	-1.8	44
Cedar Creek	2.5	3.8	-1.3	66
Richland-Chambers	1.5	3.4	-1.9	44


Drought Impact on Texas Surface Water
Map issued March 18, 2025
Drought Severity Index
No Drought
D0 - Abnormally Dry
D1 - Drought - Moderate
D2 - Drought - Severe
D3 - Drought - Extreme
D4 - Drought - Exceptional
Canadian
Red
Brazos
Colorado
Rio Grande
Trinity
Sulphur
Cypress
Sabine
Neches
San Jacinto
Guadalupe
San Antonio
Lavaca
Nueces
Neches-Trinity
Trinity-San Jacinto
San Jacinto-Brazos
Brazos-Colorado
Colorado-Lavaca
Lavaca-Guadalupe
San Antonio-Nueces
Nueces-Rio Grande
Drought Monitor Dataset developed by the
National Drought Mitigation Center (NDMC)
U.S. Department of Agriculture (USDA) and
National Oceanic & Atmospheric Administration (NOAA)
This map was generated by the Water Availability Division of the Texas Commission on Environmental Quality. This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. For more information concerning this map, contact the Water Availability Division at (512)239-4600.

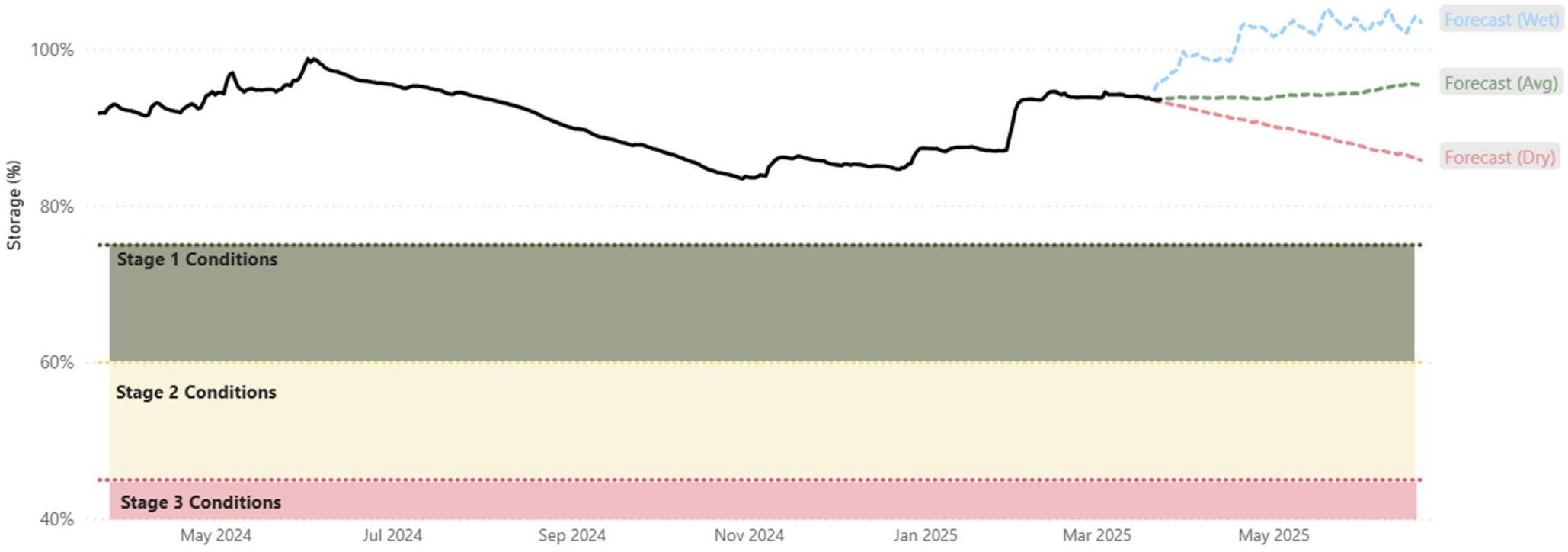
System Storage 3/23/2025

93.5%	74.2%	99.7%
Total	**West Fork**	**RC & CC**
+ 1.5%	+ 10%	+ 0%

Since last year



Historical and Projected Total Water Supply Storage



Rainfall Forecast

trwd Tarrant Regional Water District

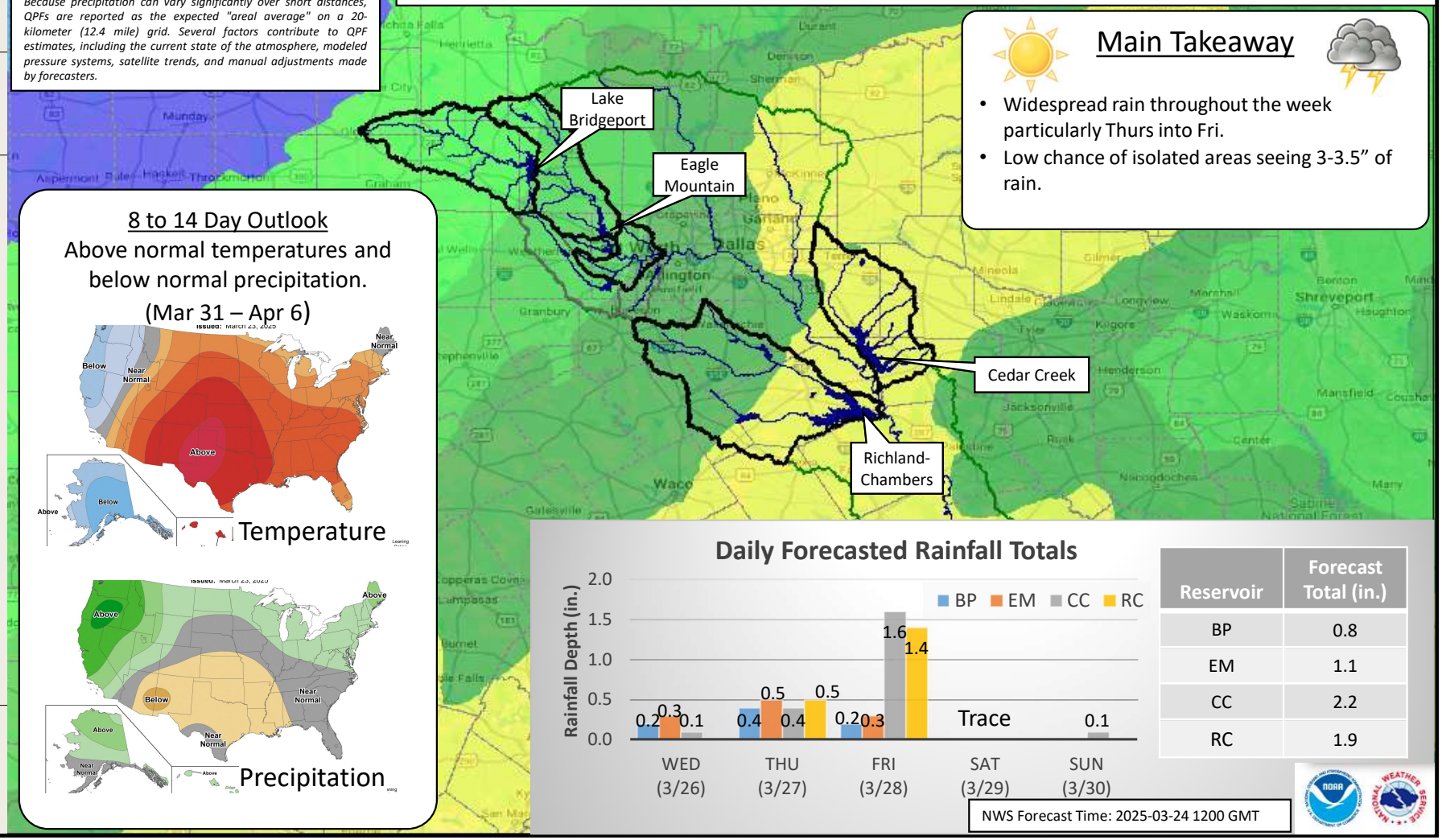
LEGEND

- 0.01 - 0.1 inches
- 0.1 - 0.25 inches
- 0.25 - 0.5 inches
- 0.5 - 1 inches
- 1 - 1.5 inches
- 1.5 - 2 inches
- 2 - 3 inches
- 3 - 4 inches
- 4 - 5 inches
- 5 - 6 inches
- 6 - 8 inches
- 8 - 10 inches
- 10 - 15 inches
- 15 - 20 inches
- 20 - 30 inches
- > 30 inches

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

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.*

26MAR2025 (WED) - 30MAR2025 (SUN) Duration: 5 Days



Main Takeaway

- Widespread rain throughout the week particularly Thurs into Fri.
- Low chance of isolated areas seeing 3-3.5" of rain.

8 to 14 Day Outlook

Above normal temperatures and below normal precipitation.

(Mar 31 – Apr 6)

Temperature

Precipitation

Daily Forecasted Rainfall Totals

Reservoir	Forecast Total (in.)
BP	0.8
EM	1.1
CC	2.2
RC	1.9

NWS Forecast Time: 2025-03-24 1200 GMT