

# BOARD OF DIRECTORS MEETING

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October 18, 2022



## PLEDGE OF ALLEGIANCE

I pledge allegiance to the flag of the United States of America, and to the republic for which it stands, one nation under God, indivisible, with liberty and justice for all.



## PLEDGE OF ALLEGIANCE TO THE TEXAS FLAG

Honor the Texas flag; I pledge allegiance to thee, Texas, one state under God, one and indivisible.



# 2

## Public Comment

# 3

Consider Approval of the Minutes from the Meetings Held on September 19, 2022, and September 20, 2022



# 4

## Consider Approval of Consent Agenda



### Consider Approval of IPL Expenditures

#### (1) Allterra

- Global Positioning System (GPS) Instruments for IPL Phase 3 Surveying
- Total expenditure amount: \$104,473.33

### Consider Approval of Technology Expenditures

#### (2) Dell Technologies

- Purchase 260 laptops and 260 docking stations
- Total expenditure amount: \$362,400

### Consider Approval of Operations and Maintenance Expenditures

#### (3) Emerson Automation Solutions

- One (1) new Emerson 6500 Vibration Monitoring Unit for Rolling Hills PS
- Total expenditure amount: \$90,548

#### (4) Stovall Commercial Contractors

- ITB 23-00 Removal and Replacement of Fuel Dispensers and Card Readers Systems at Fort Worth Operations
- Total expenditure amount: \$49,670.50

#### (5) Stovall Commercial Contractors

- ITB 23-000 Removal and Replacement Card Reader System at Bridgeport Lake
- Total expenditure amount: \$27,275.10

#### (6) Stovall Commercial Contractors

- ITB 23-000 Removal and Replacement of Fuel Dispensers and Card Reader System at Cedar Creek Lake
- Total expenditure amount: \$49,767.70

#### (7) Stovall Commercial Contractors

- ITB 23-000 Removal and Replacement of Diesel Fuel Dispenser and Card Reader System at Eagle Mountain Lake
- Total expenditure amount: \$40,174.60

#### (8) Crispin

- RFP 22-178 Furnish 42" & 48" Suction/Discharge Valves at RC3L
- Total expenditure amount: \$375,000

# 5

## Consider Approval of Contract with QBE to Provide Stop Loss Coverage for TRWD Health Insurance

*Lisa Cabrera, Chief Human Resource Officer*

# 6

Consider Approval of Order Authorizing the Issuance of Tarrant Regional Water District, a Water Control and Improvement District, Unlimited Tax Refunding Bonds; Levying an Ad Valorem Tax in Support of the Bonds; Establishing the Procedures of Selling and Delivering the Bonds; and Authorizing Other Matters Related to the Issuance of the Bonds

*Sandy Newby, Chief Financial Officer*



# 7

Consider Approval of Resolution Authorizing the Issuance, Sale, and Delivery of Tarrant Regional Water District, a Water Control and Improvement District, Water Transmission Facilities Contract Revenue Bonds (City of Dallas Project), Series 2022, Pledging Revenues for the Payment of the Bonds, and Authoring Other Instruments and Procedures Relating Thereto

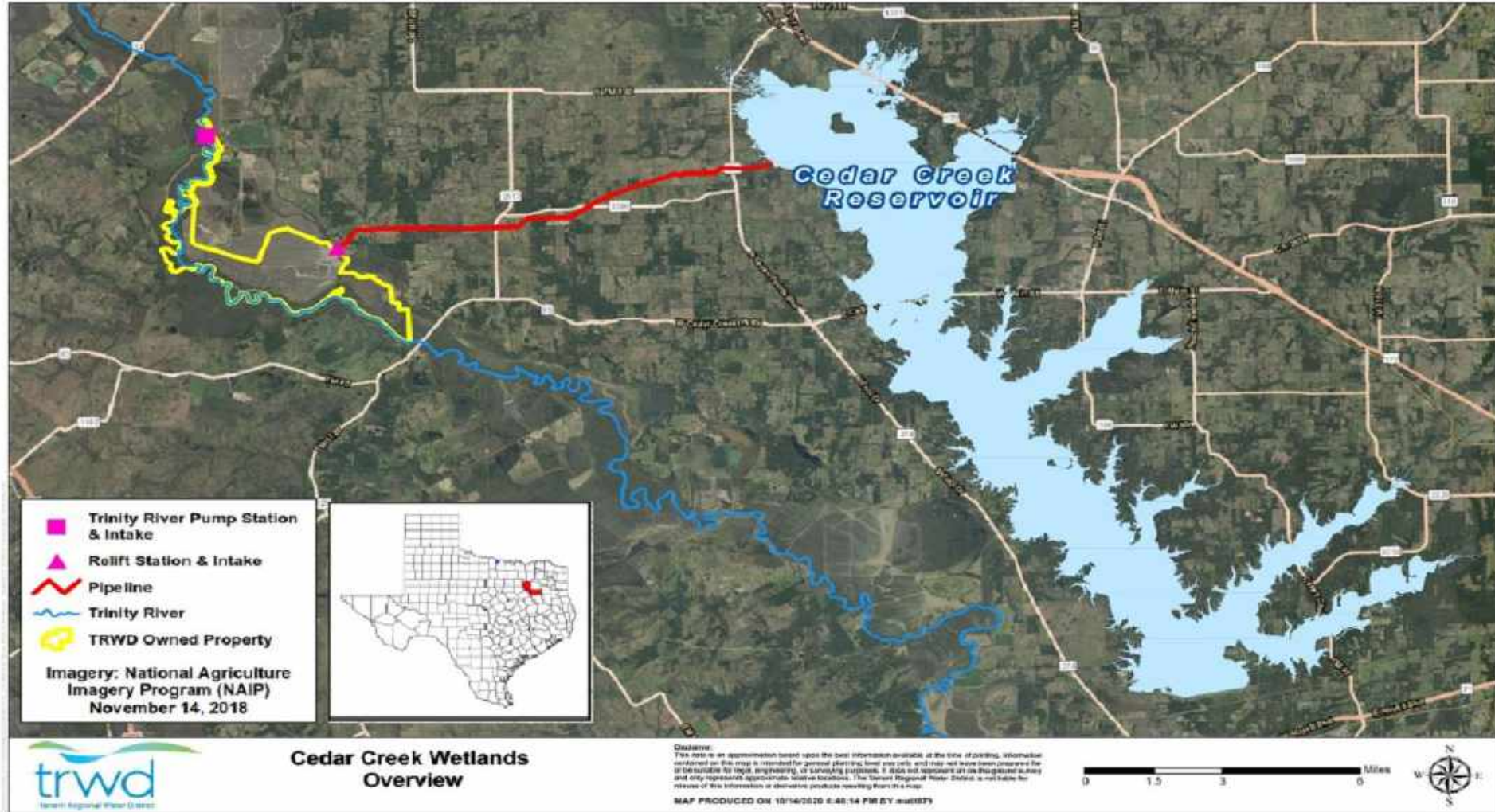
*Sandy Newby, Chief Financial Officer*

# 8

Consider Approval of Contract with Jacobs Engineering Group, Inc. for Engineering Services for the Pump Stations Design for the Cedar Creek Wetlands Project

*Jason Gehrig, Infrastructure Engineering Director*

# Cedar Creek Wetlands Location



# Shannon Wetland System River Pump Station

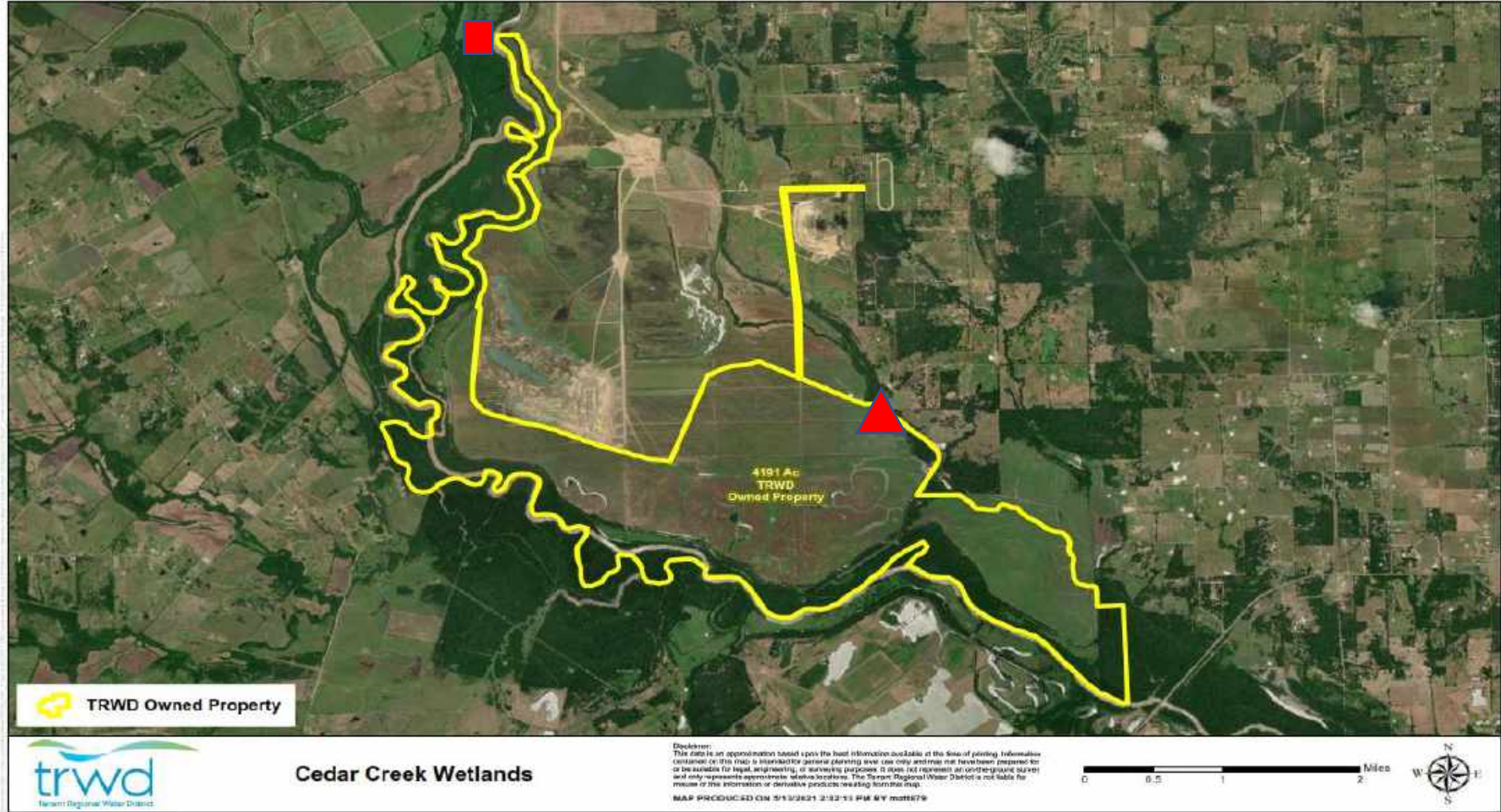


# Rendering of Future CC Wetlands River Pump Station





# Cedar Creek Wetlands Property



# 9

## Consider Approval of Contract with Pure Technologies for Pipeline Inspection

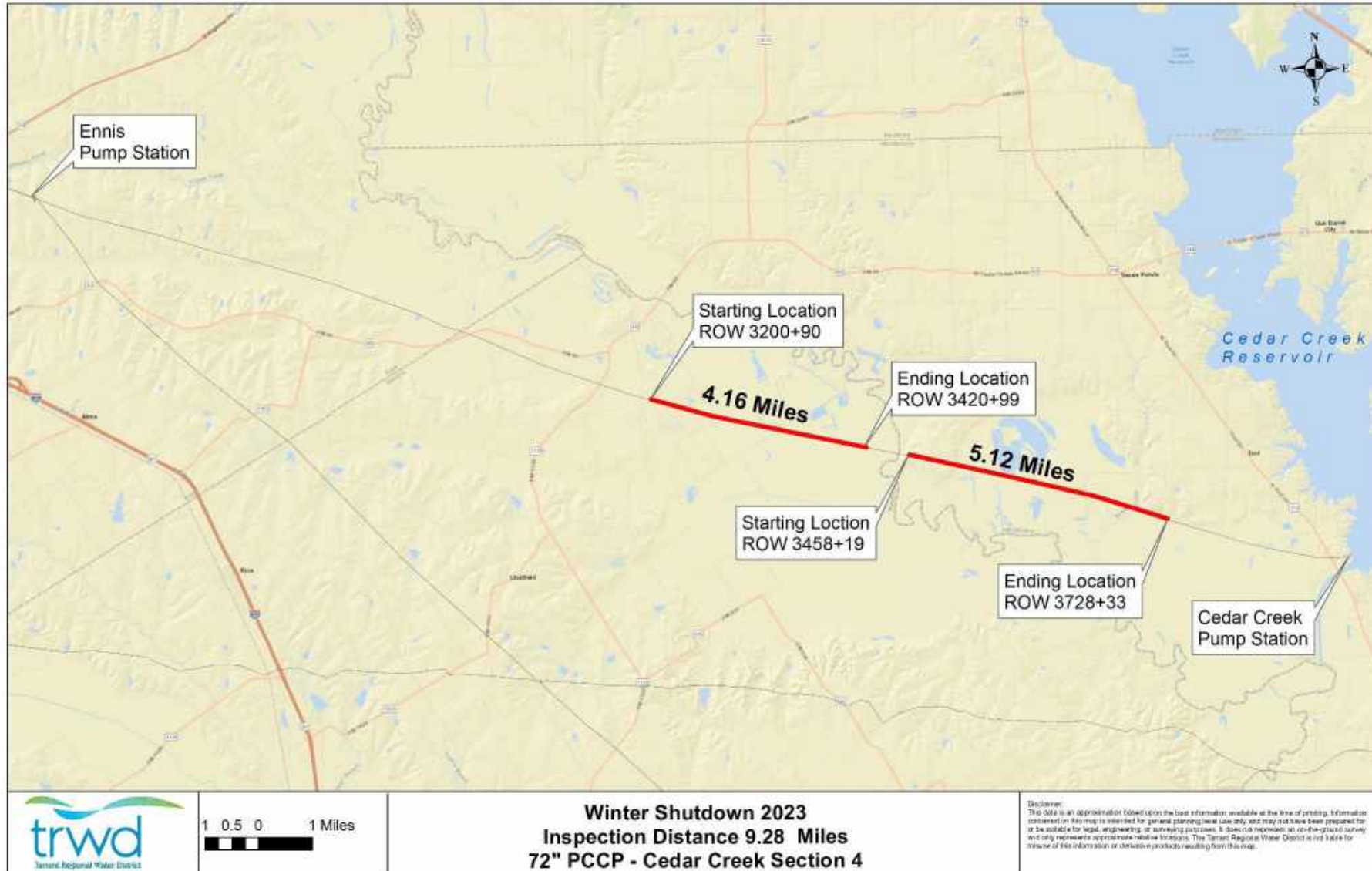
Jason Gehrig, *Infrastructure Engineering Director*



# Internal Pipeline Condition Assessment Equipment



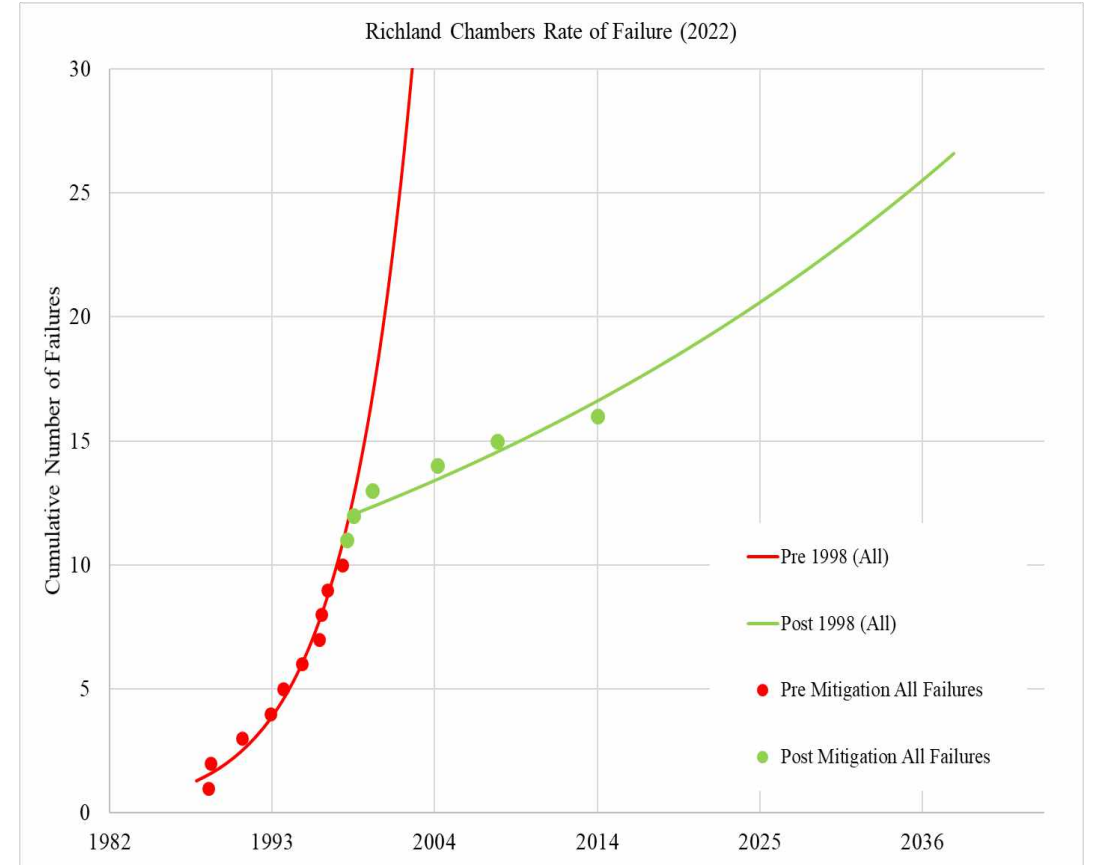
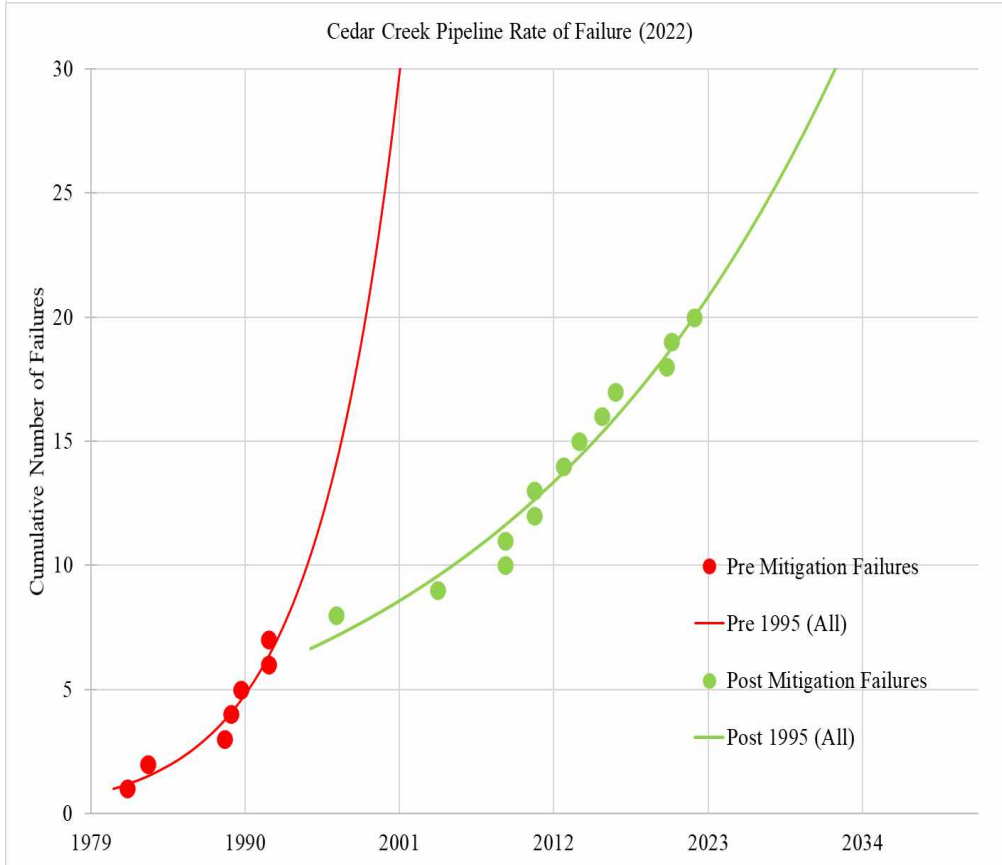
# Cedar Creek Pipeline Inspection Area



# Cedar Creek Inspection History



# Pipeline Integrity Program Impact



# Staff Update

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## Water Resources Update

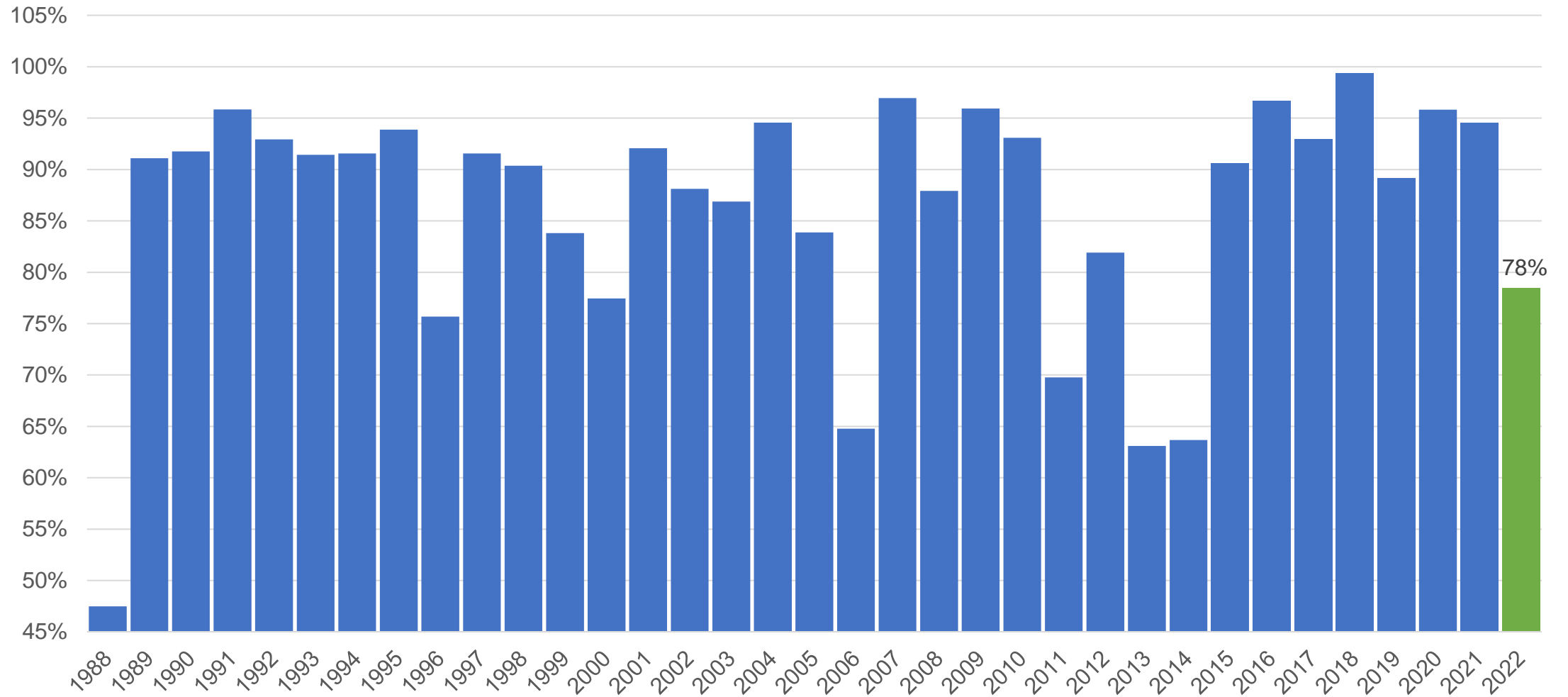
Rachel Ickert, *Chief Water Resources Officer*

# Projected Total System Storage



# Percent of Total Storage on October 16

WATER SUPPLY · FLOOD PROTECTION · RECREATION

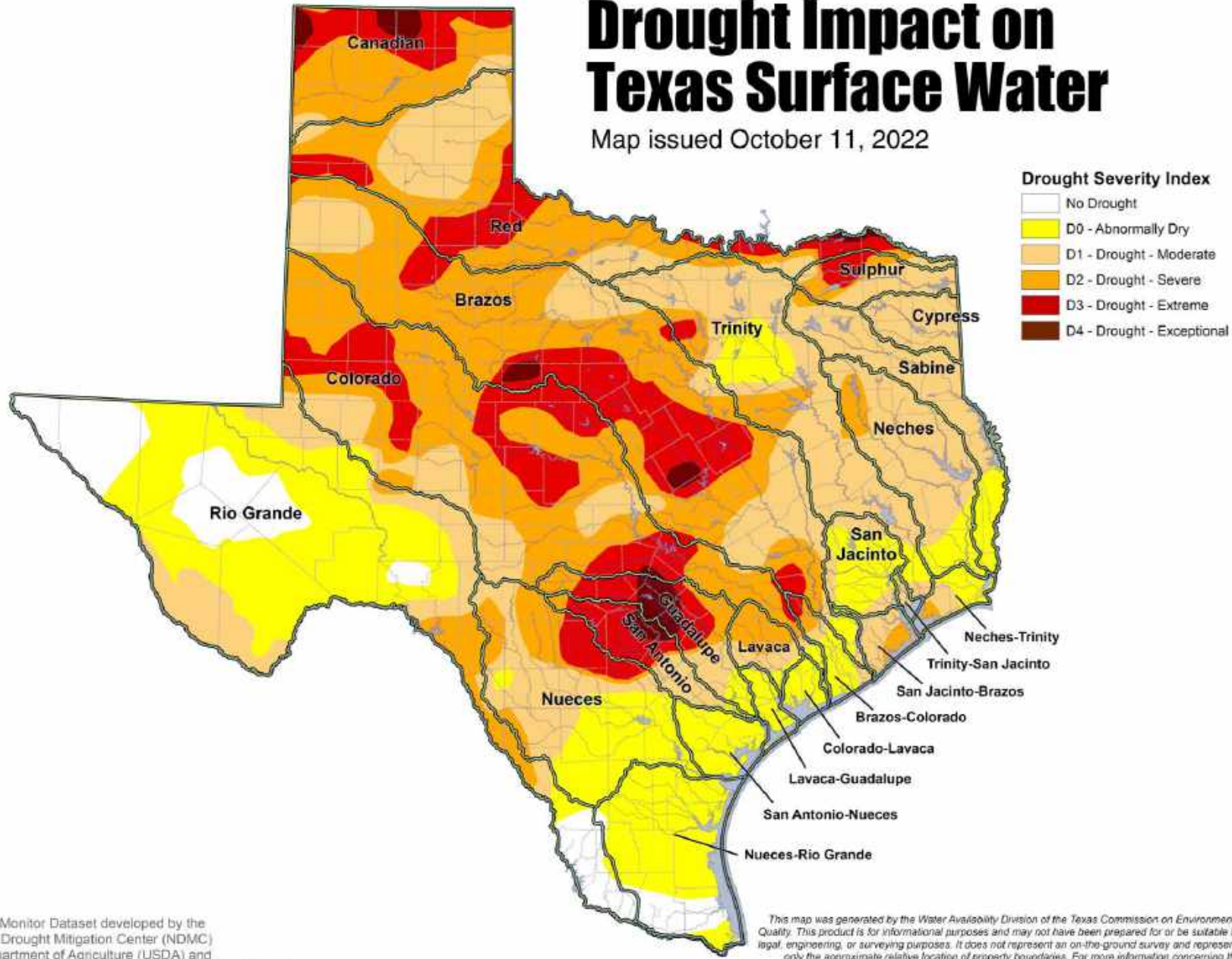


\*1988 – All four TRWD reservoirs operational



# Drought Impact on Texas Surface Water

Map issued October 11, 2022



**October 11, 2022**  
(Released Thursday, Oct. 13, 2022)

Valid 8 a.m. EDT

*Drought Conditions (Percent Area)*

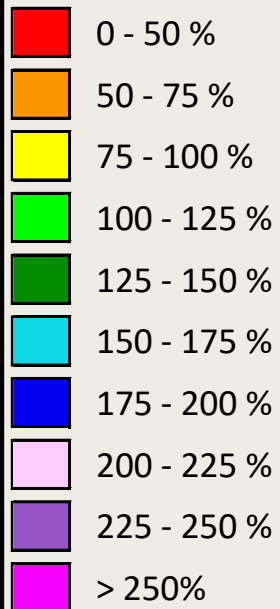
	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	5.75	94.25	72.82	43.58	15.25	1.48
<b>Last Week</b> <i>10-04-2022</i>	10.94	89.06	71.07	43.13	14.01	1.63
<b>3 Months Ago</b> <i>07-12-2022</i>	0.76	99.24	93.82	75.70	51.80	21.32
<b>Start of Calendar Year</b> <i>01-04-2022</i>	7.58	92.42	79.83	54.25	16.69	0.00
<b>Start of Water Year</b> <i>09-27-2022</i>	14.96	85.04	61.36	31.61	8.82	1.06
<b>One Year Ago</b> <i>10-12-2021</i>	46.74	53.26	14.58	0.53	0.00	0.00



# Percent of Normal Rainfall

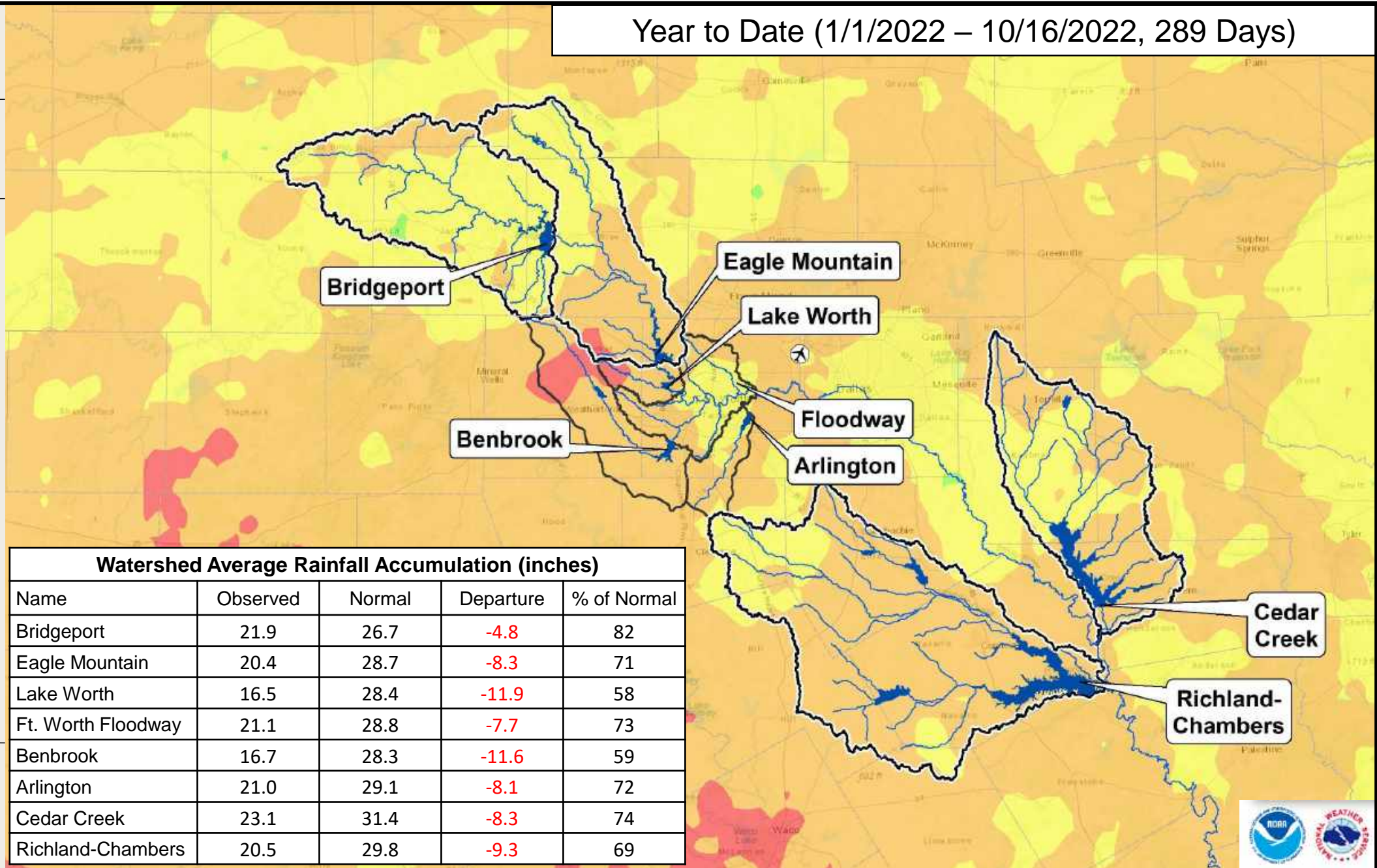


## LEGEND



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.

Year to Date (1/1/2022 – 10/16/2022, 289 Days)



Watershed Average Rainfall Accumulation (inches)				
Name	Observed	Normal	Departure	% of Normal
Bridgeport	21.9	26.7	-4.8	82
Eagle Mountain	20.4	28.7	-8.3	71
Lake Worth	16.5	28.4	-11.9	58
Ft. Worth Floodway	21.1	28.8	-7.7	73
Benbrook	16.7	28.3	-11.6	59
Arlington	21.0	29.1	-8.1	72
Cedar Creek	23.1	31.4	-8.3	74
Richland-Chambers	20.5	29.8	-9.3	69



# Dallas/Fort Worth – Consecutive Days Without Any Precipitation

Rank	# of Days	Dates
1	55	Jul 30 - Sep 22, 2000
2	45	Jun 8 - Jul 22, 1978
3	41	Jul 9 - Aug 18, 2015
4	40	Nov 1 - Dec 10, 1903
5	39	Jun 26 - Aug 3, 1993
(tie)	39	Oct 9 - Nov 16, 1917
7	36	<b>Sep 5 - Oct 10, 2022</b>
8	33	<b>Jun 18 - Jul 20, 2022</b>
(tie)	33	Jul 11 - Aug 12, 1999
10	32	Feb 12 - Mar 14, 1972

Source: <https://www.weather.gov/fwd/dnorain>





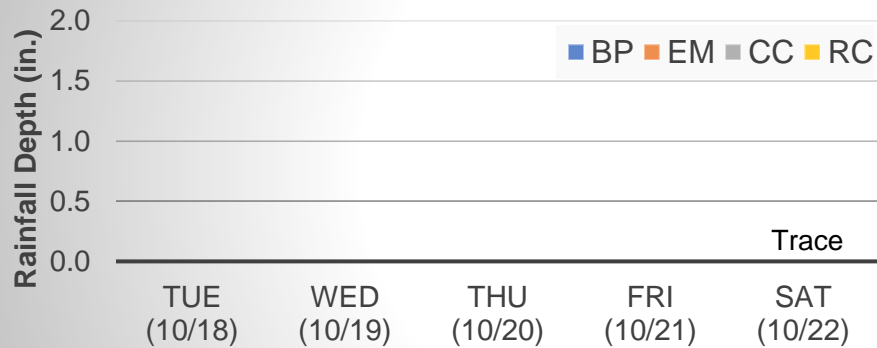
## Short-Term Forecast Summary



- \*Cooler this week
- \*Hot and dry conditions return next week
- \*Possible rain chances to close out the month

### Forecast through Saturday

#### Daily Forecasted Rainfall Totals



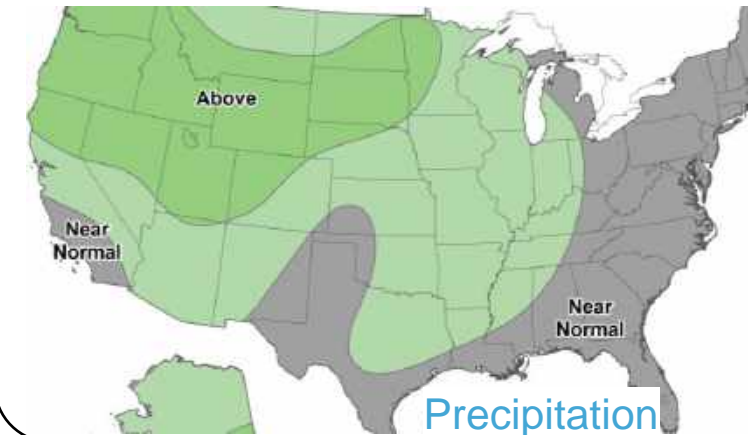
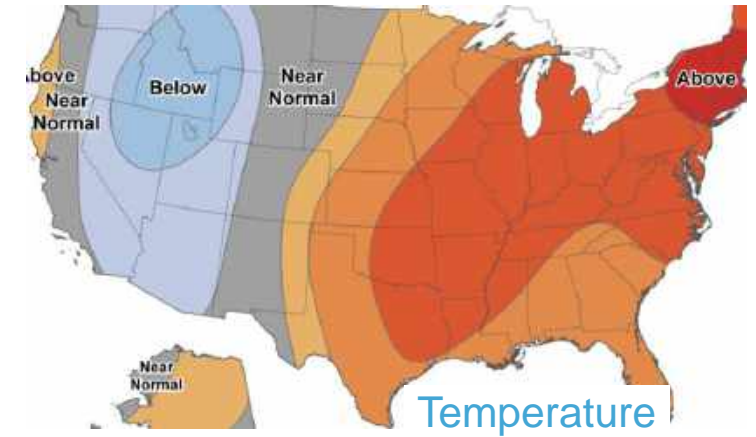
Reservoir	Forecast Total (in.)
BP	0.0
EM	0.0
CC	0.0
RC	0.0

NWS Forecast Time: 2022-10-16 1200 GMT



## 8 to 14 Day Outlook

Above normal temperatures and above normal rainfall.  
(OCT 23– OCT 29)





# 11

## Executive Session





# 12

## Future Agenda Items



**13**

**Next Board Meeting  
November 15, 2022 at 9:00 AM**



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Adjourn 