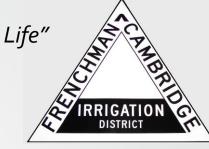
"Water is Life"



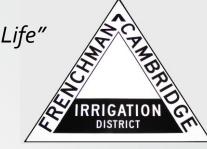
Frenchman Cambridge Irrigation District

Water Users Meeting

March 21, 2023

Brad Edgerton, Manager

"Water is Life"



Frenchman Cambridge Irrigation District

Dale Cramer, President Todd Lichty, Vice President Duane Vorderstrasse, Secretary / Treasurer FCID Employs 11 Fulltime Employees

Background:



FCID was Established in 1946 by a vote of the land owners.

318 in favor of the District

31 in opposition

First Irrigation District organized under the Missouri Basin Plan approved by congress in 1944

Background:



FCID has three Reclamation Reservoirs with a total irrigation pool capacity of 143,000 acrefeet.

Exclusive Flood Control Pool = 235,747 AF Surcharge Flood Pool = 290,144 AF



Background:

Four Reclamation Canal Systems serving 45,669 acres.

Meeker-Driftwood Canal serves 16,691 acres Red Willow Canal serves 4,642 acres Bartley Canal serves 6,130 Cambridge Canal serves 18,205



"Water is Life"

Background: Four Reclamation Canal Systems with: 156 miles of main canal 100 miles of buried pipe laterals 157 miles of surface and sub-surface drains

Total Canal Diversion Capacity = 829 cfs

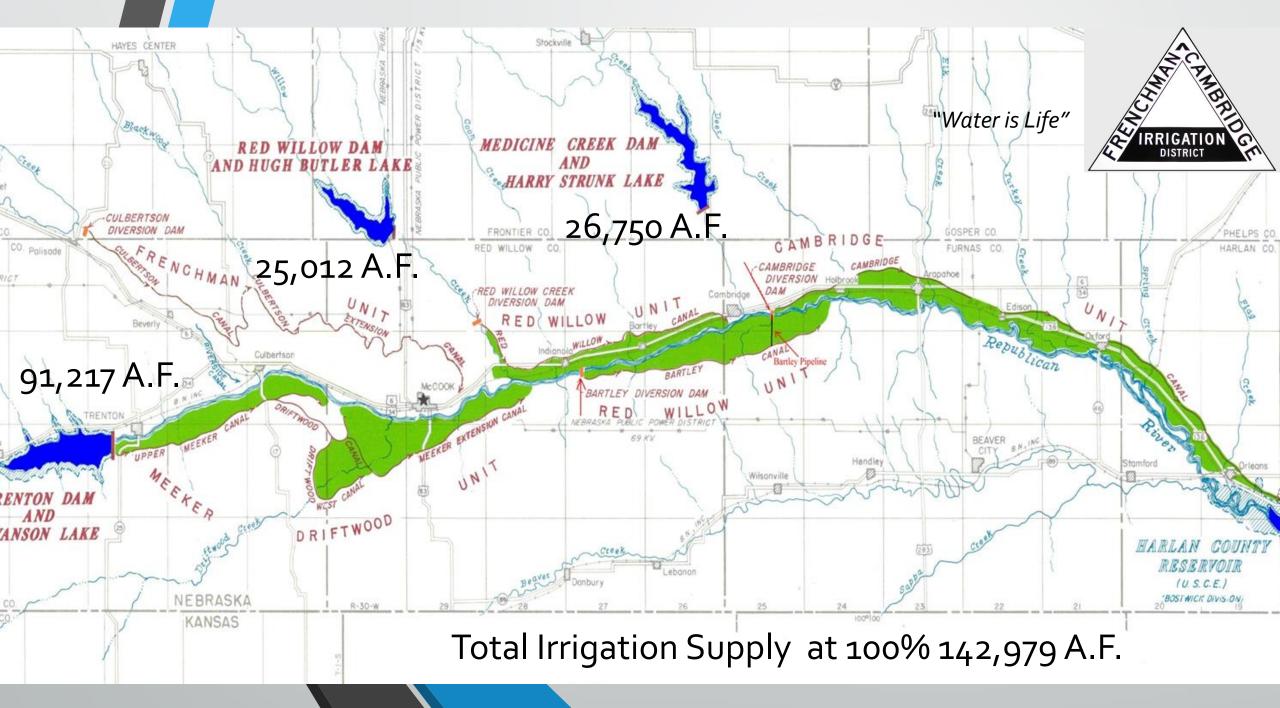
Natural Flow Permits granted 512 cfs

Priority Dates Range From 1890 to 1987

Serve over 400 Customers



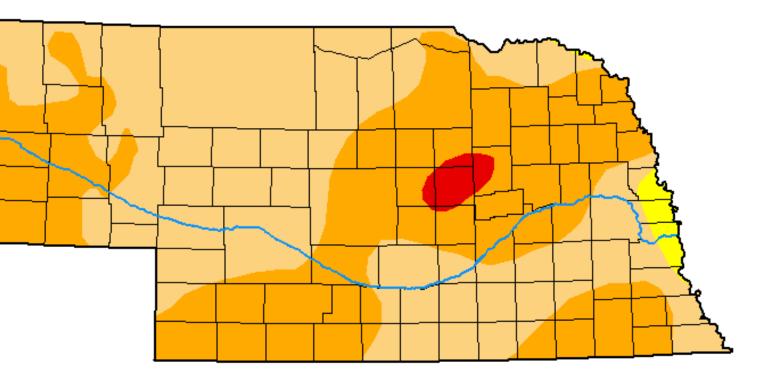


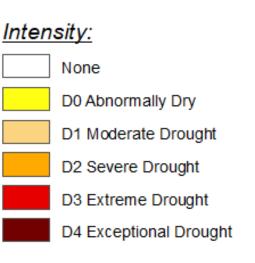


U.S. Drought Monitor Nebraska

March 15, 2022 (Released Thursday, Mar. 17, 2022) Valid 8 a.m. EDT







The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

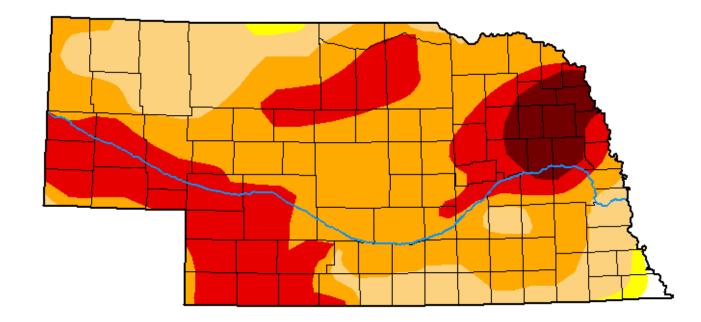
Author:

U.S. Drought Monitor Nebraska

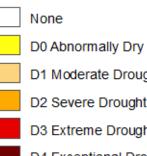
March 14, 2023

(Released Thursday, Mar. 16, 2023) Valid 8 a.m. EDT









D1 Moderate Drought D2 Severe Drought D3 Extreme Drought

D4 Exceptional Drought

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Author:

Brad Rippey U.S. Department of Agriculture



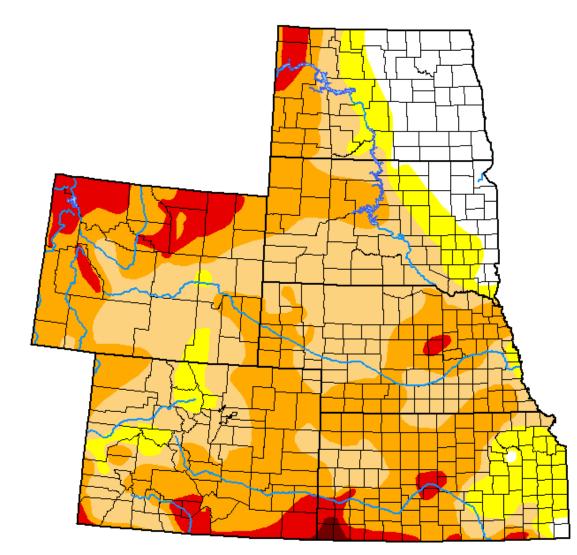
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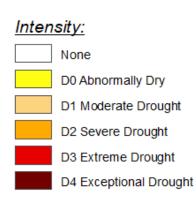
U.S. Drought Monitor High Plains

March 15, 2022

(Released Thursday, Mar. 17, 2022) Valid 8 a.m. EDT







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Author:

Adam Hartman NOAA/NWS/NCEP/CPC

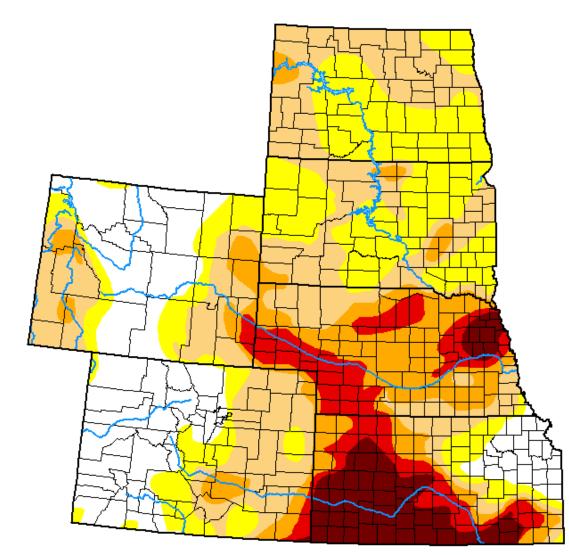


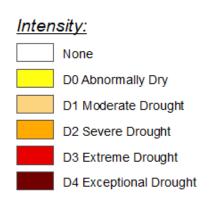
droughtmonitor.unl.edu

U.S. Drought Monitor High Plains

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Author:

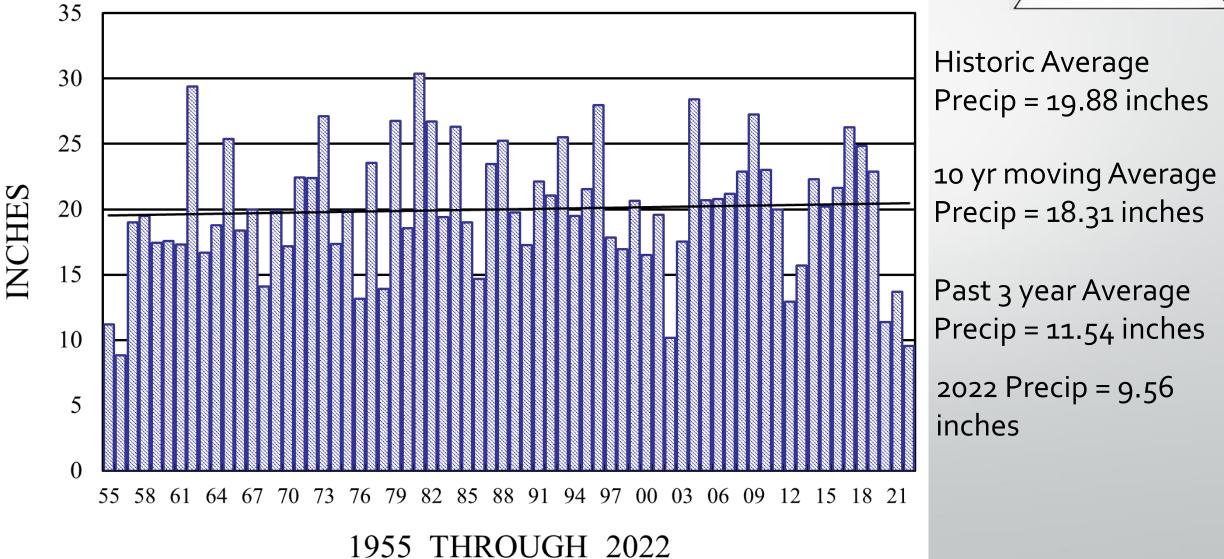
Brad Rippey U.S. Department of Agriculture



droughtmonitor.unl.edu

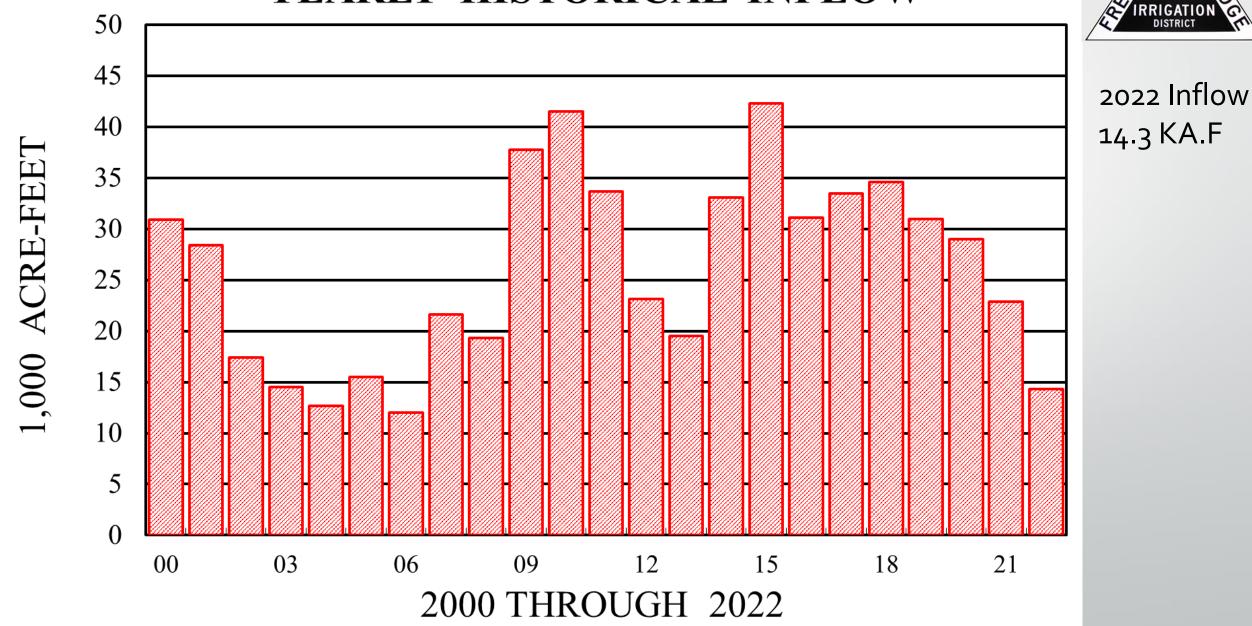
TRENTON DAM YEARLY PRECIPITATION

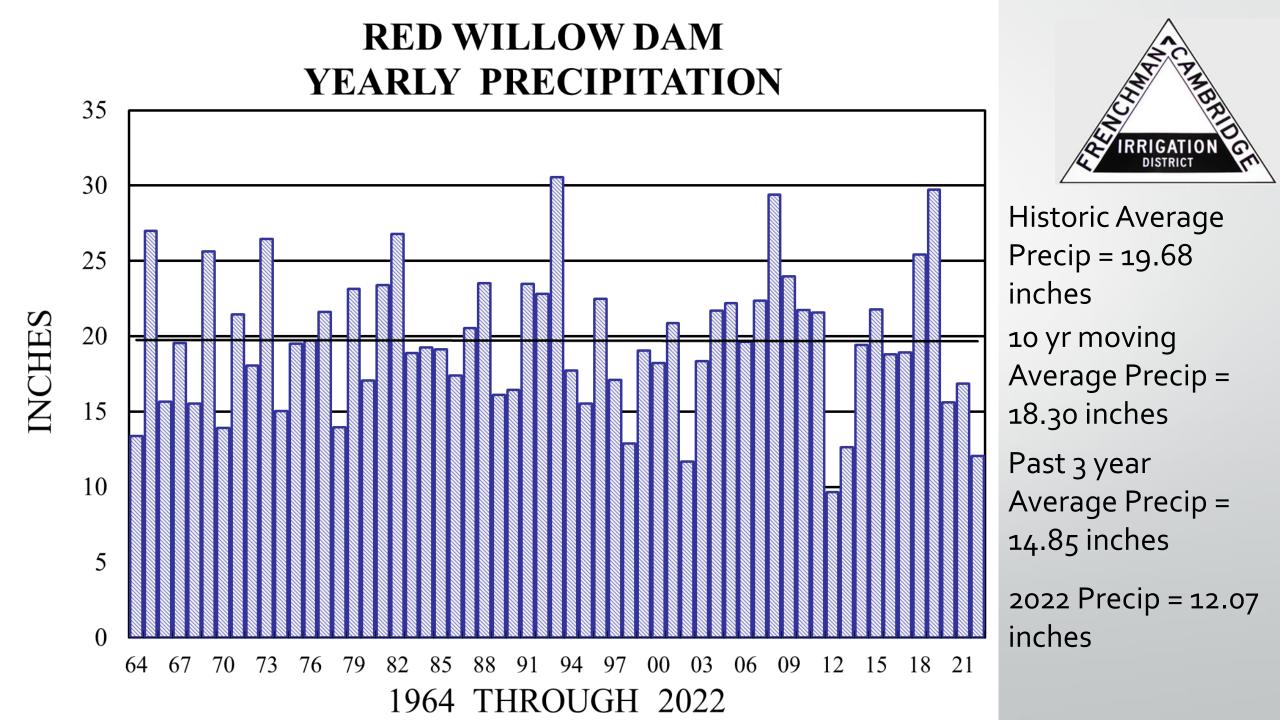


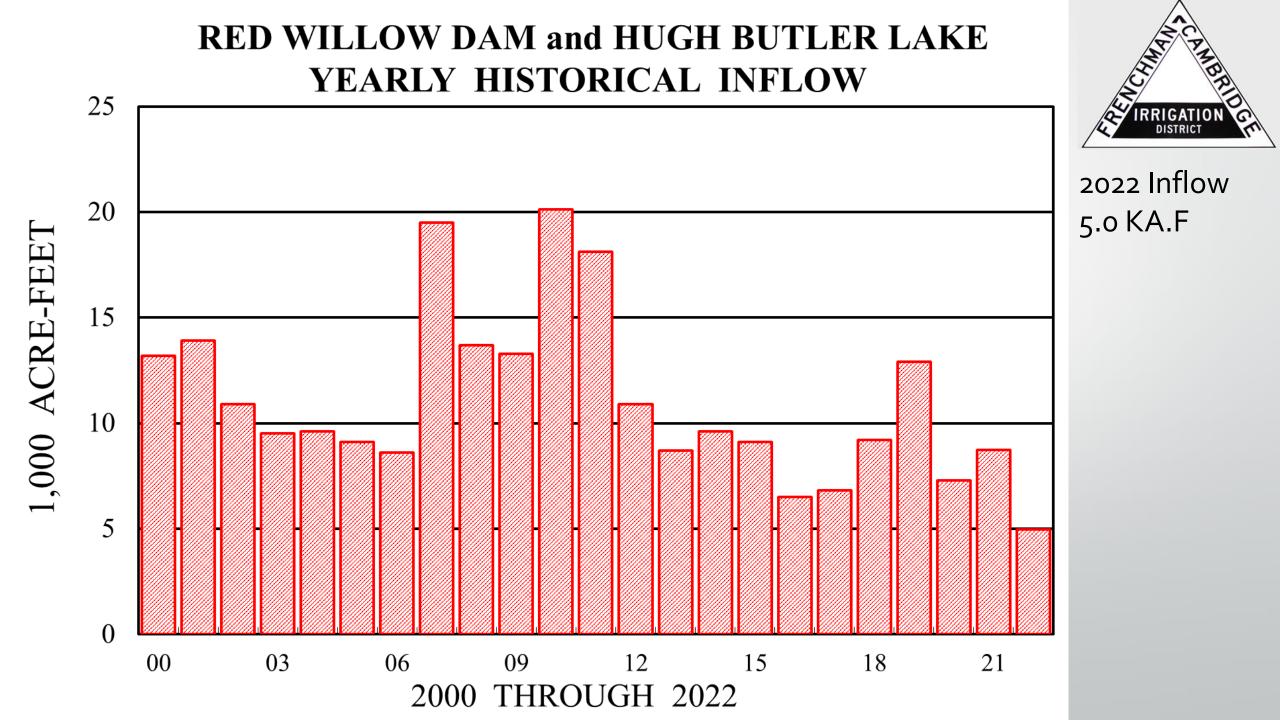


TRENTON DAM YEARLY HISTORICAL INFLOW

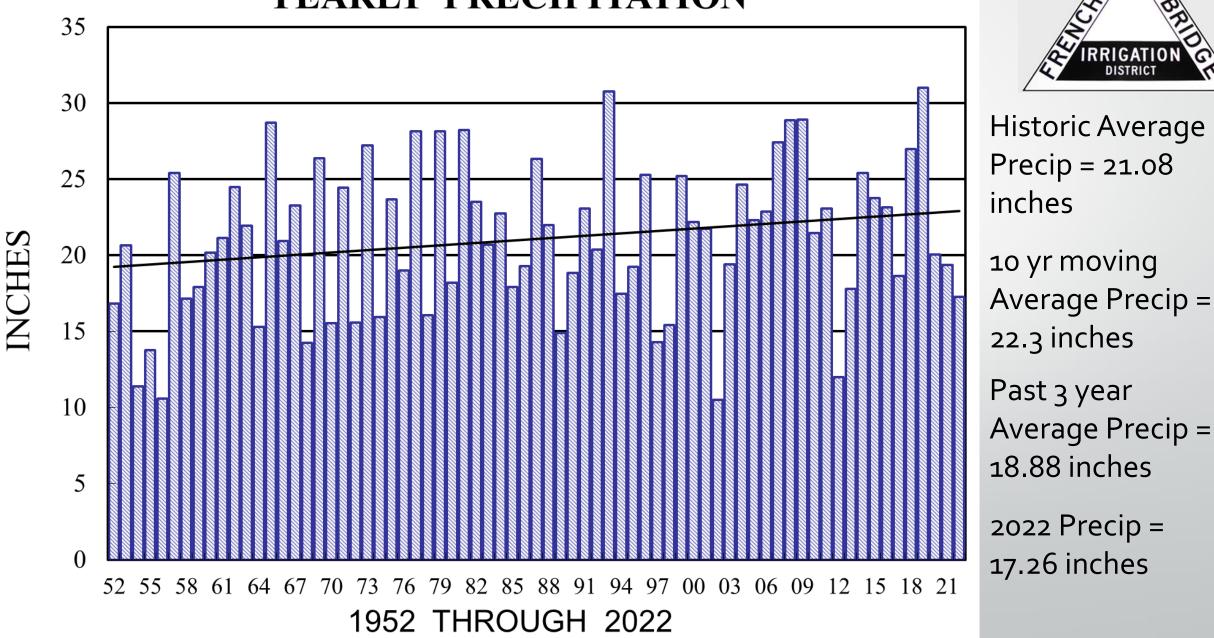
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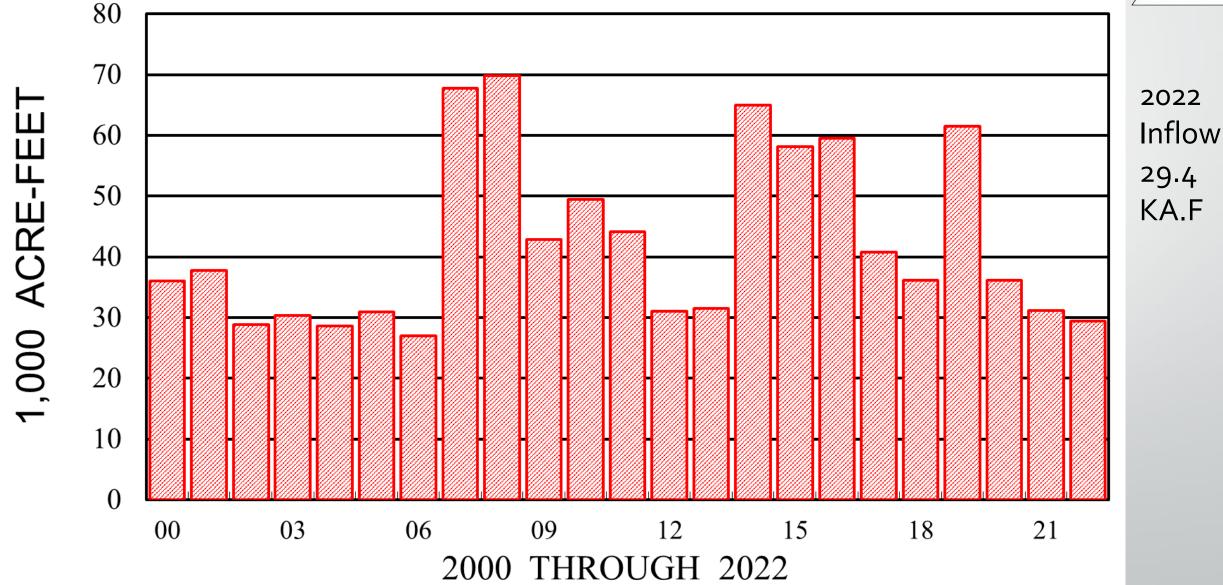




MEDICINE CREEK DAM YEARLY PRECIPITATION



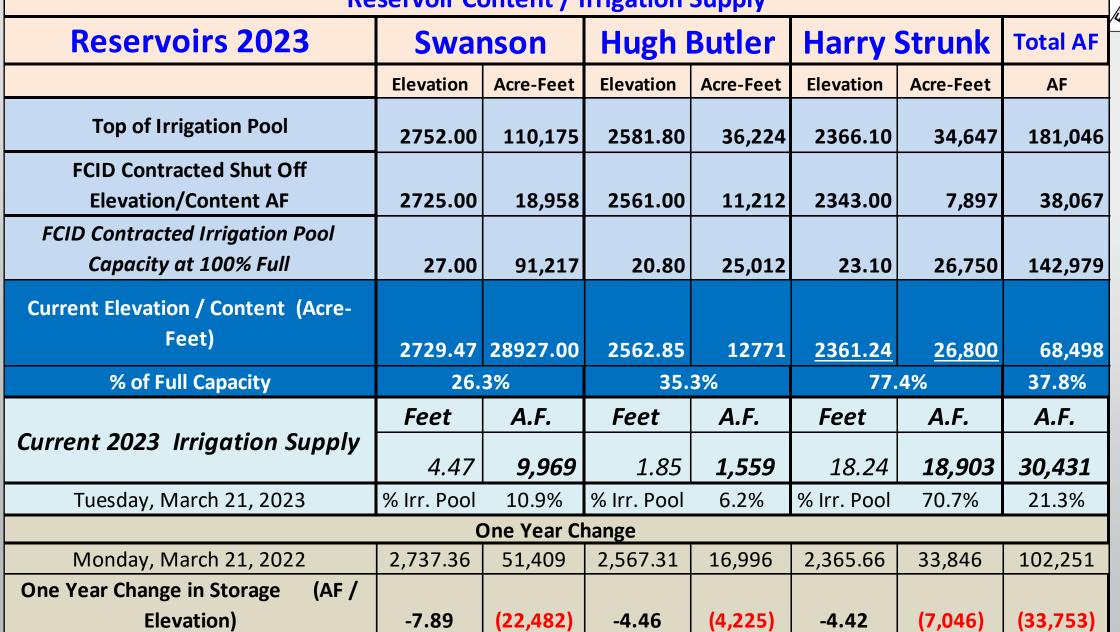
MEDICINE CREEK DAM and HARRY STRUNK LAKE YEARLY HISTORICAL INFLOW



Frenchman Cambridge 2023 Storage Water Supply

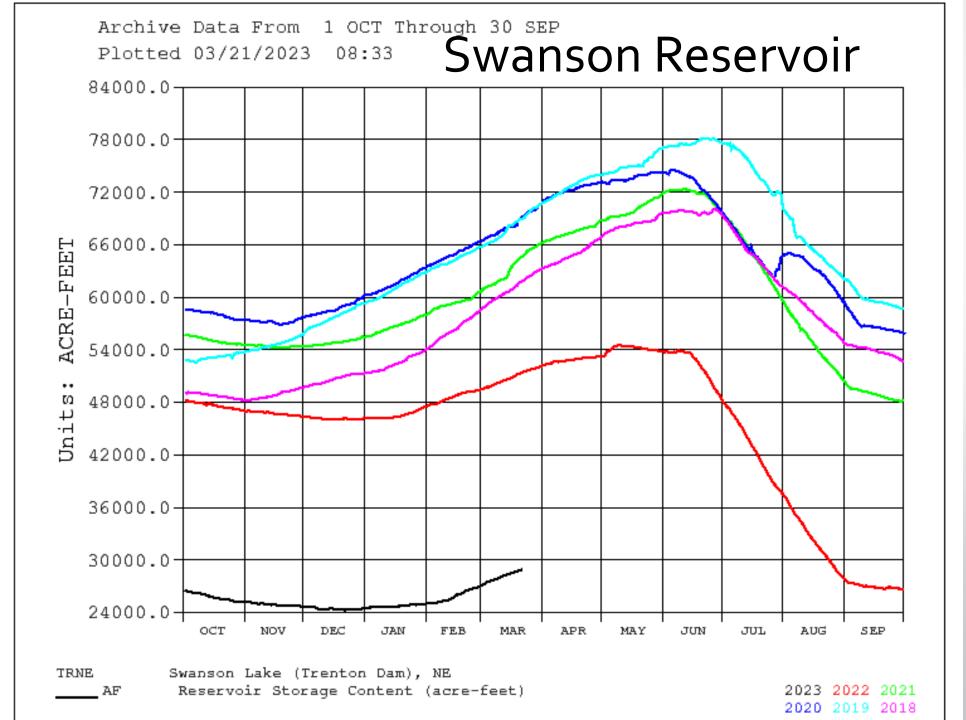
Reservoir Content / Irrigation Supply

IRRIGATION DISTRICT

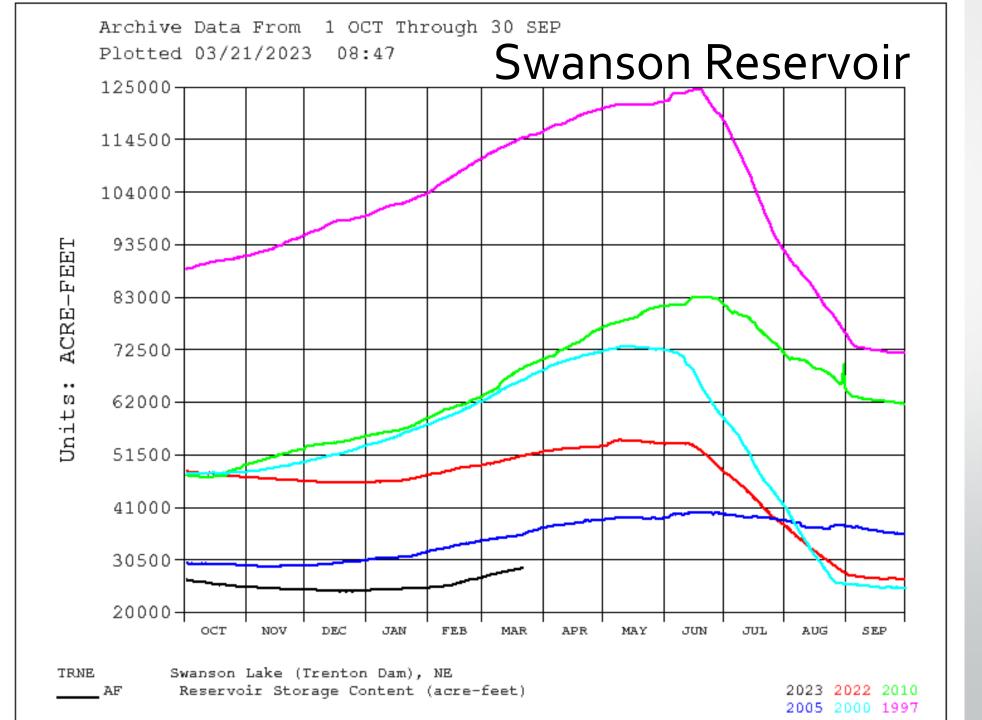


Elevation/Content AF	2725.00	18,958	2561.00	11,212			
FCID Contracted Irrigation Pool							
Capacity at 100% Full	27.00	91,217	20.80	25,012			
Current Elevation / Content (Acre-							
Feet)	2729.47	28927.00	2562.85	12771			
% of Full Capacity	26.3%		35.3%				
	Feet	A.F.	Feet	A.F.			
Current 2023 Irrigation Supply							
	4.47	9,969	1.85	1,559			
Tuesday, March 21, 2023	% Irr. Pool	10.9%	% Irr. Pool	6.2%			
	One Year Change						
Monday, March 21, 2022	2,737.36	51,409	2,567.31	16,996			
One Year Change in Storage (AF /							
Elevation)	-7.89	(22,482)	-4.46	(4,225)			

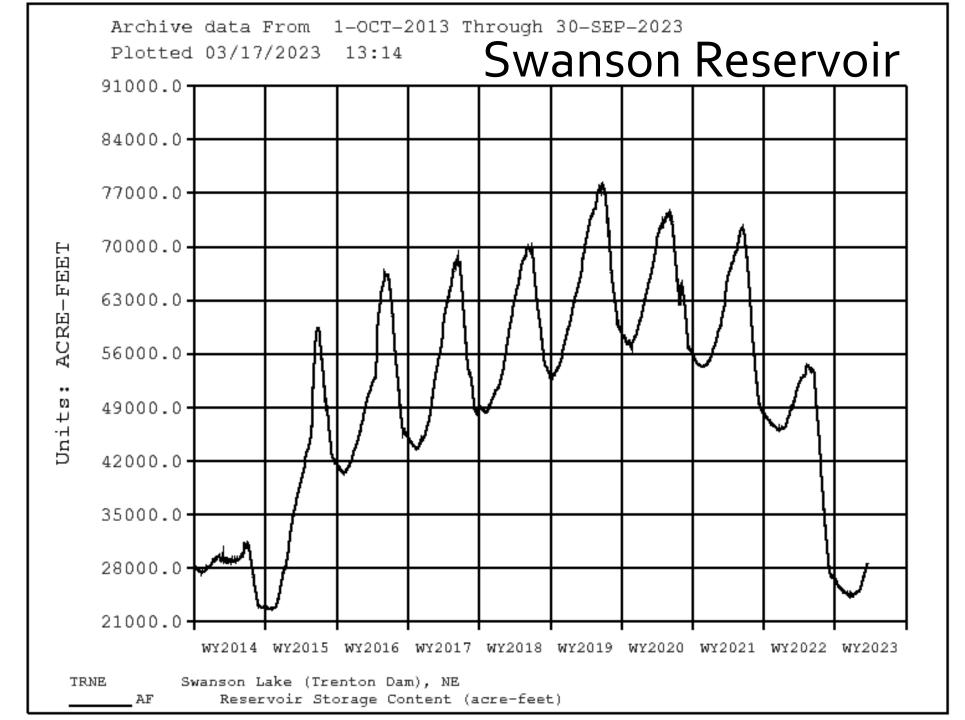
2725.00	18,958	2561.00	11,212	2343.00	7,897				
27.00	91,217	20.80	25,012	23.10	26,750				
2729.47	28927.00	2562.85	12771	<u>2361.24</u>	<u>26,800</u>				
26.3%		35.3%		77.4%					
Feet	A.F.	Feet	A.F.	Feet	A.F.				
4.47	9,969	1.85	1,559	18.24	18,903				
% Irr. Pool	10.9%	% Irr. Pool	6.2%	% Irr. Pool	70.7%				
One Year Change									
2,737.36	51,409	2,567.31	16 <i>,</i> 996	2,365.66	33,846				
-7.89	(22,482)	-4.46	(4,225)	-4.42	(7,046)				
	27.00 2729.47 26. 5eet 4.47 % Irr. Pool % Irr. Pool	277.00 91,217 2729.47 28927.00 26.3% 26.3% Feet A.F. 4.47 9,969 % Irr. Pool 10.9% 0.10.9% 10.9% 2,7337.36 51,409	27.00 91,217 20.80 2729.47 28927.00 2562.85 26.3% 2562.85 76et A.F. 35. Feet A.F. Feet 4.47 9,9669 1.85 % Irr. Pool 10.9% % Irr. Pool 2,737.36 51,409 2,567.31	27.00 91,217 20.80 25,012 2729.47 28927.00 2562.85 12771 26.3% 35.3% Feet A.F. Feet A.F. 4.47 9,969 1.85 1,559 % Irr. Pool 10.9% % Irr. Pool 6.2% 2,737.36 51,409 2,567.31 16,996	27.00 91,217 20.80 25,012 23.10 2729.47 28927.00 2562.85 12771 2361.24 26.3% 2562.85 12771 2361.24 77. 77. 77. Feet A.F. Feet A.F. 4.47 9,969 1.85 1,559 % Irr. Pool 10.9% % Irr. Pool 6.2% % Irr. Pool 2,737.36 51,409 2,567.31 16,996 2,365.66				



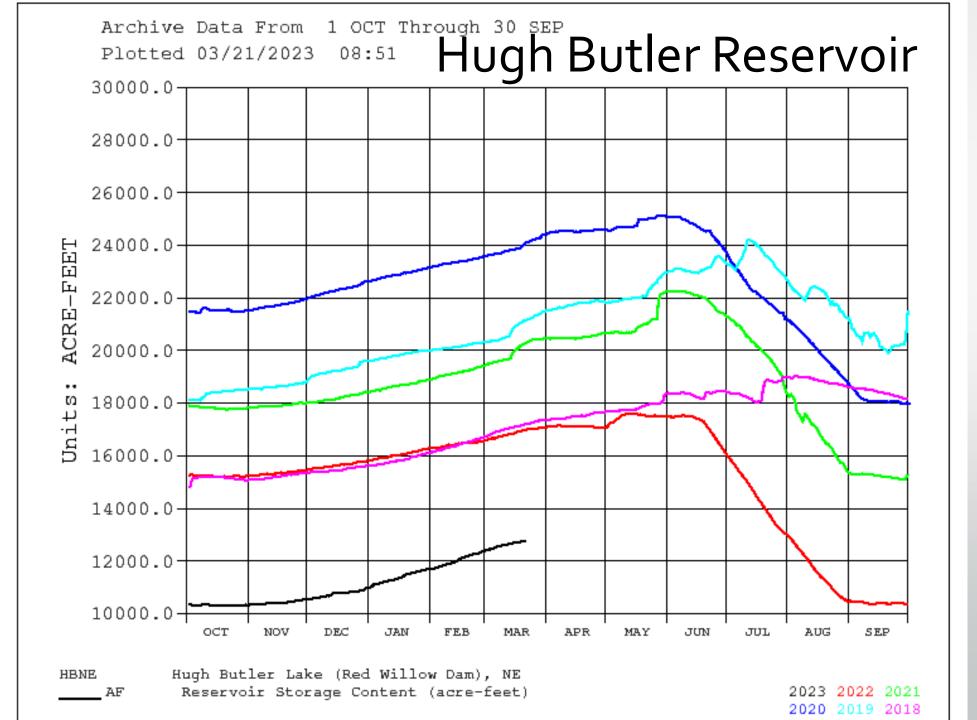




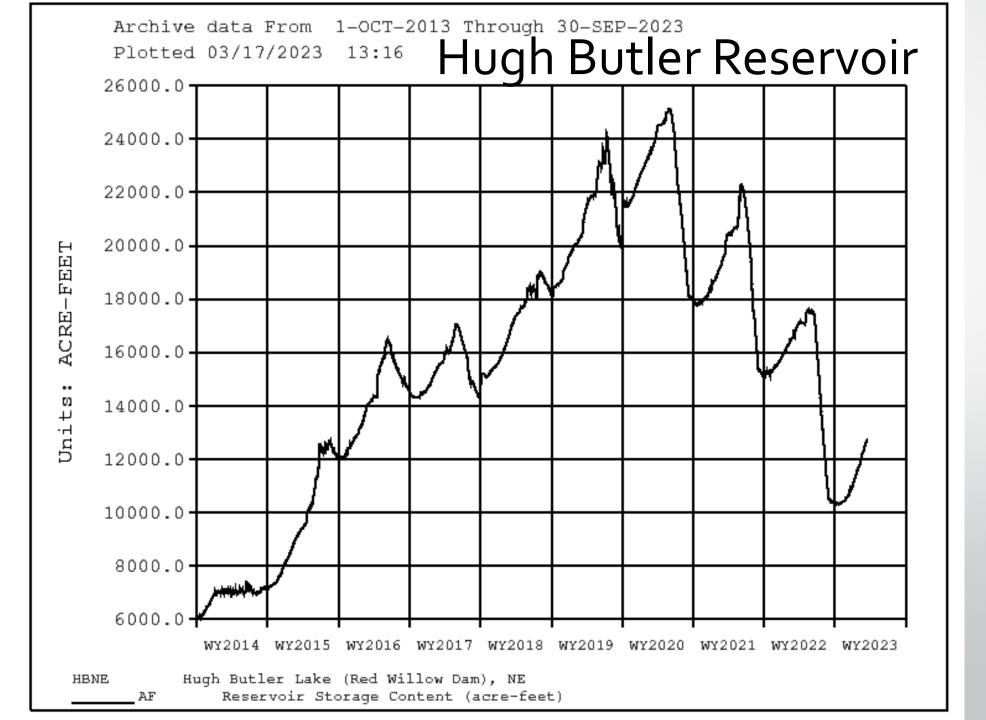


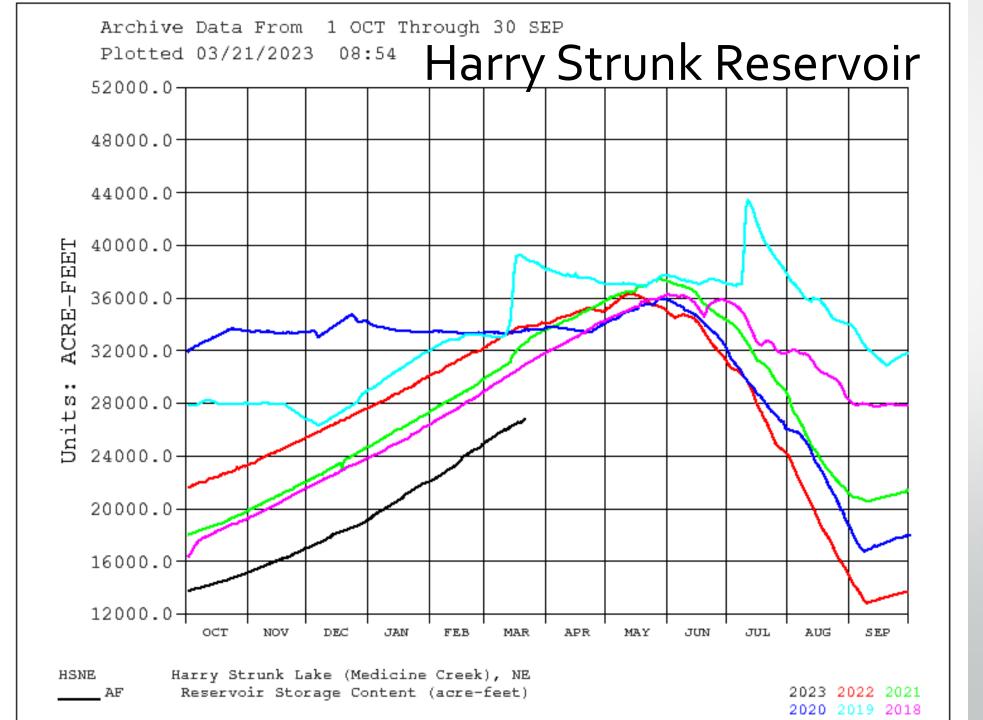




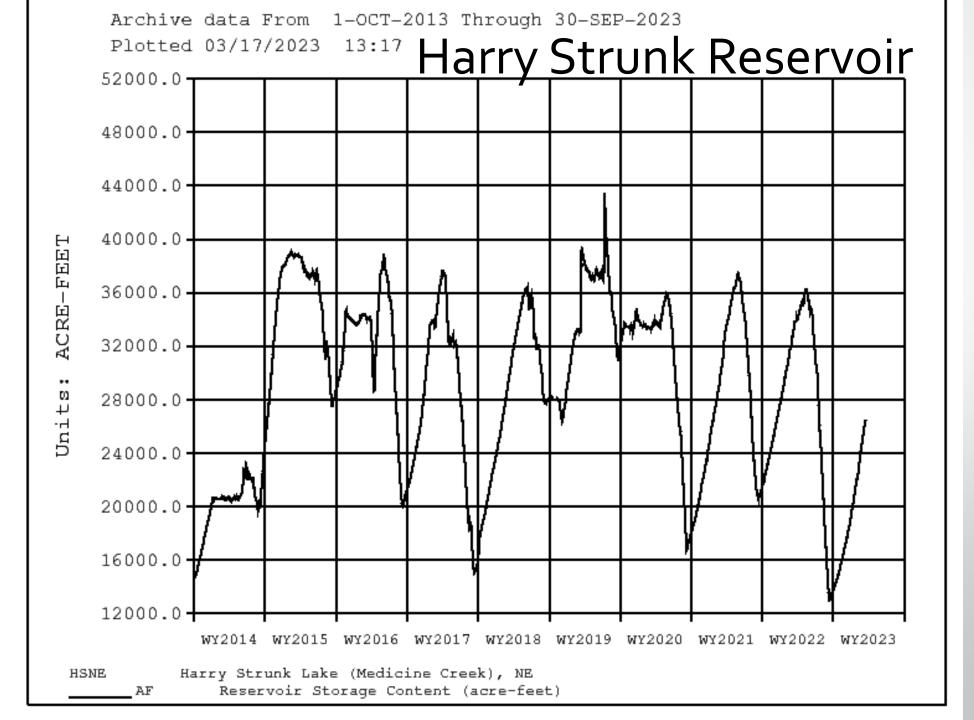


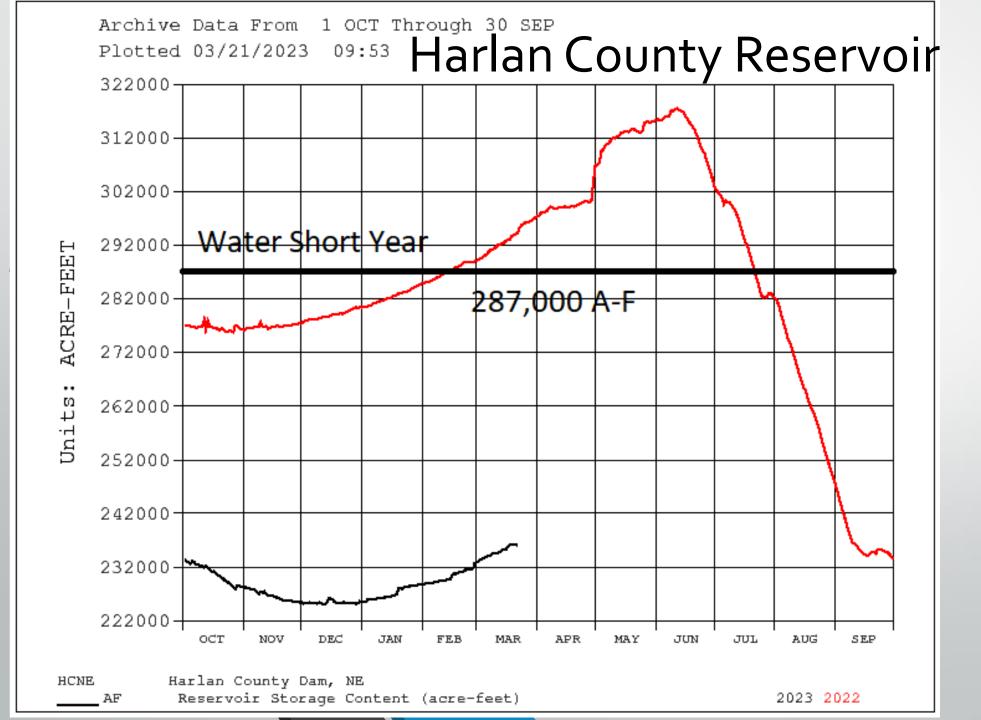




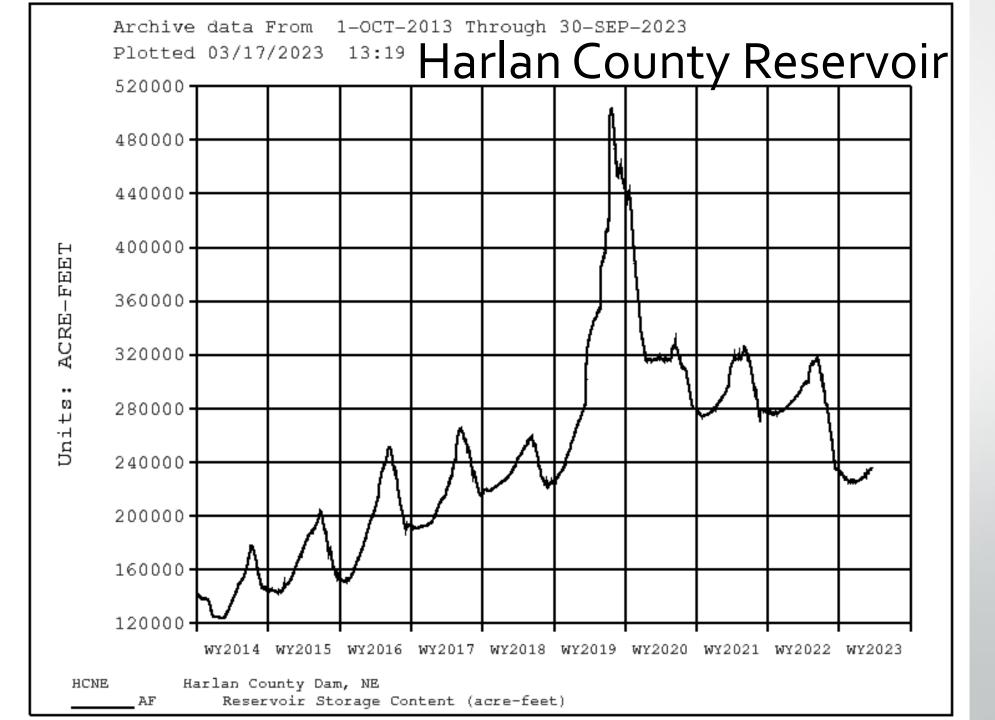














2023 Water Rates and Allocations Reclamation's Forecast = 12,000 A-F Meeker-Driftwood Canal 3.50 inches per acre FCID:

Meeker-Driftwood Canal is allocated o inches



2023 Water Rates and Allocations Reclamation's Forecast = 800 Acre-Feet Red Willow Canal 0.5 inches per acre FCID

Red Willow Canal – o inches per acre



2023 Water Rates and Allocations

Bartley Canal is allocated o inches

River Water will be available as long as water is in the River!!

River Water should be available early! (April 15, 2023)

6 inches per acre will be allocated to the Acres below the pump station.



2023 Water Rates and Allocations Cambridge Canal is allocated 8 inches Reclamation's Forecast = 28,500 Acre-Feet Cambridge Canal 8 inches per acre. River Water Should be available also



"Water is Life"

2023 Water Rates and Allocations All Acres will be charged \$10.00

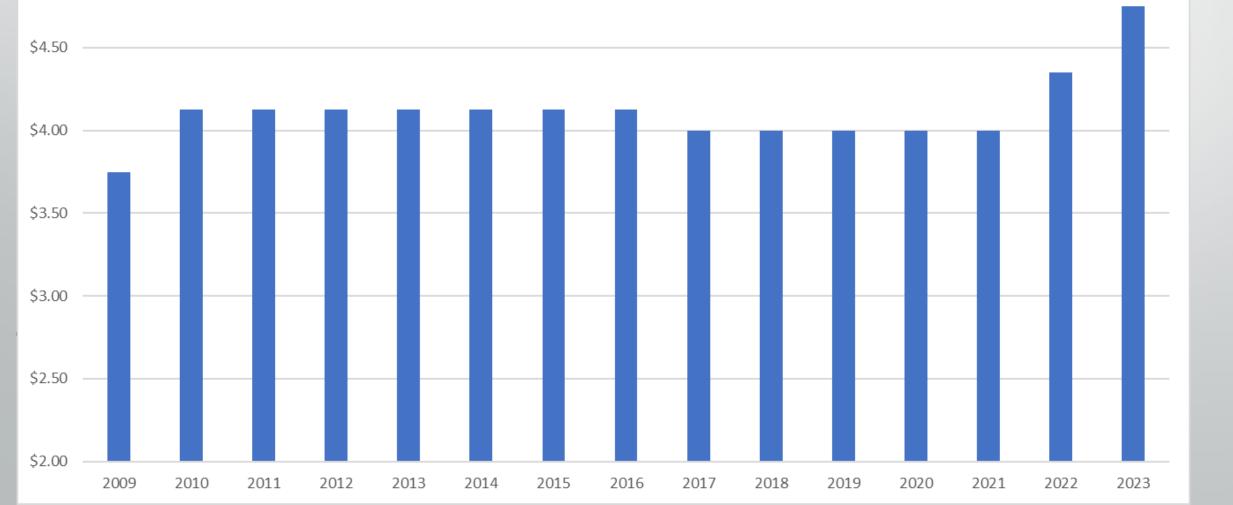
Allocated Acres will pay \$4.75 per inch allocated.

Example: 8 inches X \$4.75 = \$38.00 plus \$10.00 per acre = \$48.00 / Acre

River Water delivered is also \$4.75 per acre-inch.

2023 Water Rates

FCID Per Acre Water Assessment (Fee per inch of Water Allocated)



FCID's Finances •Water is Life" O & M CD = \$275,025 Federal Obligated Savings = \$422,590

Money Market Account = \$298,243 Checking = \$53,385

2023 Budget



2023 Adopted Budget

Projected Income \$1,246,206 Projected Expenses \$1,533,003 Budget Shortfall \$286,797

Water Conservation



Grants:

Year	Project	Nebraska	Reclamation	FCID	Total	Grant Type
2011	Bartley Pump Station		\$754,000	\$824,173	\$1,578,173	WaterSMART
2012	Cambridge Canal Automation		\$299,700	\$332,300	\$632,000	WaterSMART
2012	Pump Station Automation		\$94,900	\$96,400	\$191,300	Area Office
2017	Cambridge Canal TCC (Phase I)	\$915,500		\$610,400	\$1,525,900	WSF
2019	Cambridge Canal TCC (Phase II)	\$528,600		\$352,470	\$881,070	WSF
2020	Meeker-Driftwood Canal TCC	\$2,000,000	\$1,500,000	\$486,446	\$3,986,446	WaterSMART
	Totals	\$3,444,100	\$2,648,600	\$2,702,189	\$8,794,889	



Cambridge Diversion Dam

AT'LY

The



















RRA Forms



Reclamation Reform Act of 1982

Everyone that farms or own 240 acres under a Federal Project must comply with the RRA laws.

Complete all required forms each year and file with the Irrigation District before receiving water!

Must notify the District within 60 days after a change in ownership.

No one can irrigate over 960 acres

FLOOD CONTROL! Emergency Spillway at Medicine Creek Dam

"Water is Life"

Welcome to FCID

The Frenchman Cambridge Irrigation District is a political subdivision of the State of Nebraska organized under irrigation district laws of Nebraska on April 18, 1946. (Statutes 46-101 to 46-128) Frenchman Cambridge was created to enable the people of southwest Nebraska to develop the State's irrigation potential. Frenchman Cambridge delivers natural flow irrigation water to more than 45,600 acres in southwest Nebraska using four different canal systems; the District hold 41 direct flow permits with priority dates ranging from December 22, 1890 to November 13, 1987, and can legally divert 531.5 cubic feet per second of natural flow. Frenchman Cambridge is the 8th largest Irrigation District in Nebraska based on acres served.

FCID Newsletter 2021 FCID Newsletter 2020 FCID Newsletter 2019 Canal Automation by Rubicon Water Site Connect Web Ordering: Desktop

Mobile





Tuesday, 21 March, 2023

	Log	in to i	Irriga	tor Po	ortal	
Use	Num	nber: [
	Passw	vord:				
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Forgot your Password?

Thank You!!