



— BUREAU OF —
RECLAMATION

Nebraska - Kansas Area Office

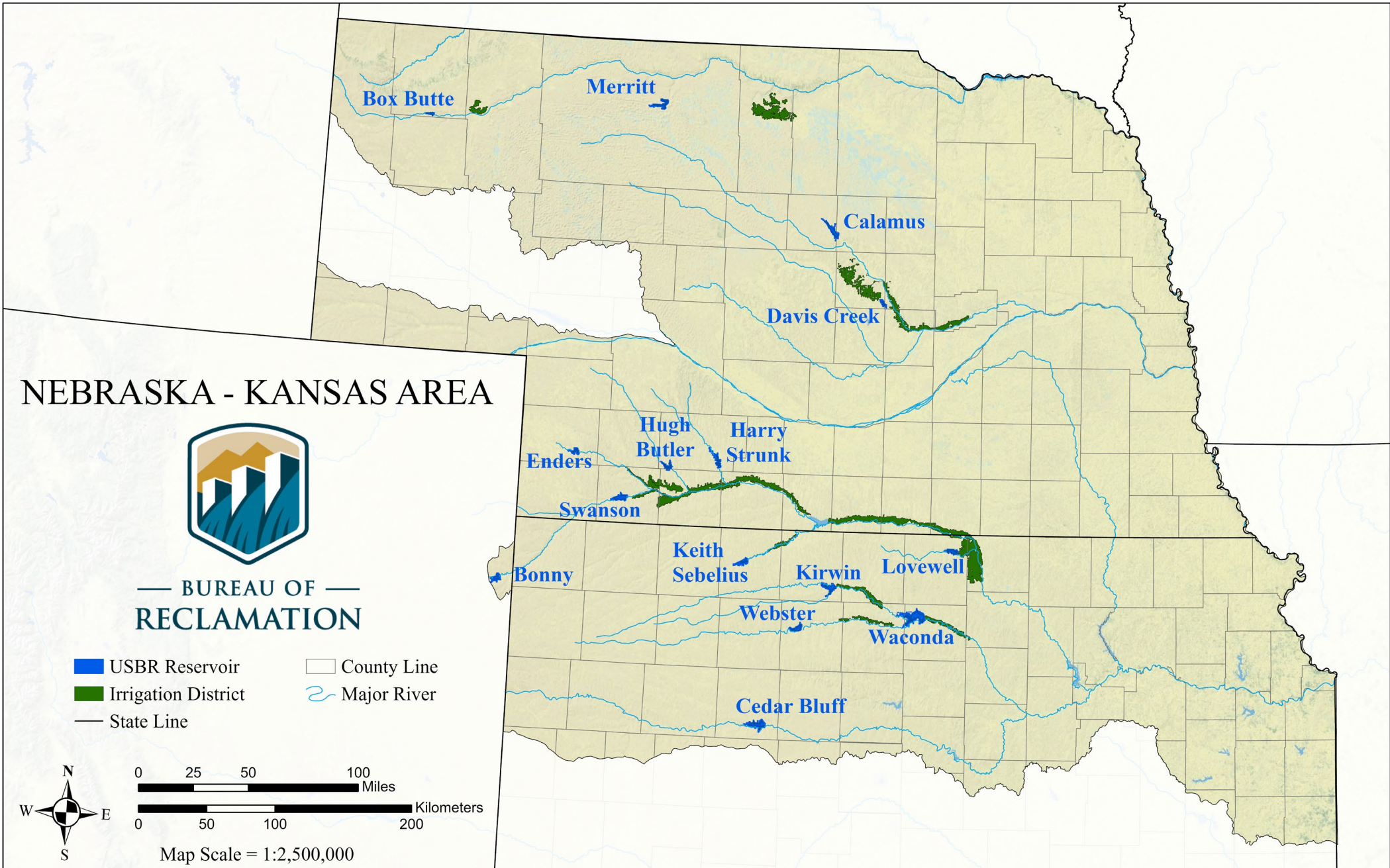
Craig Scott

Manager, Engineering Group

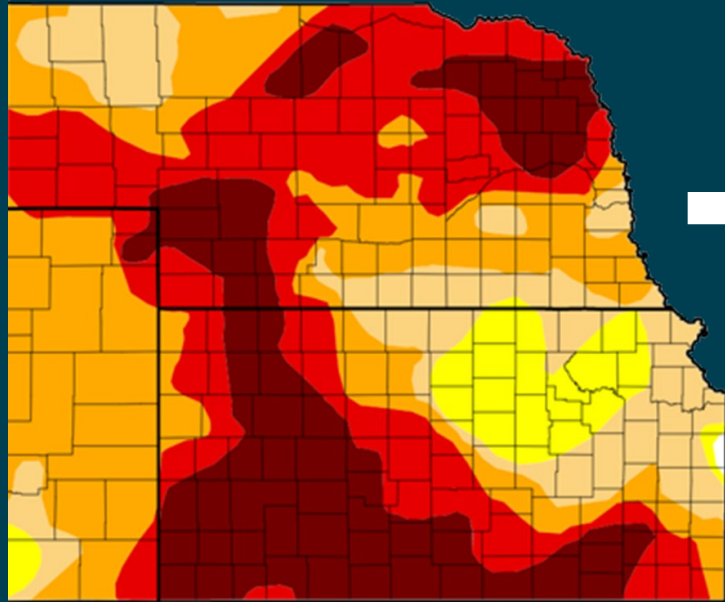
Agenda

- Republican River Operations
 - 2024 Review
- 2025 Projections
 - HCL Water Supply Estimate
 - Republican Water Supplies
- WaterSMART Example

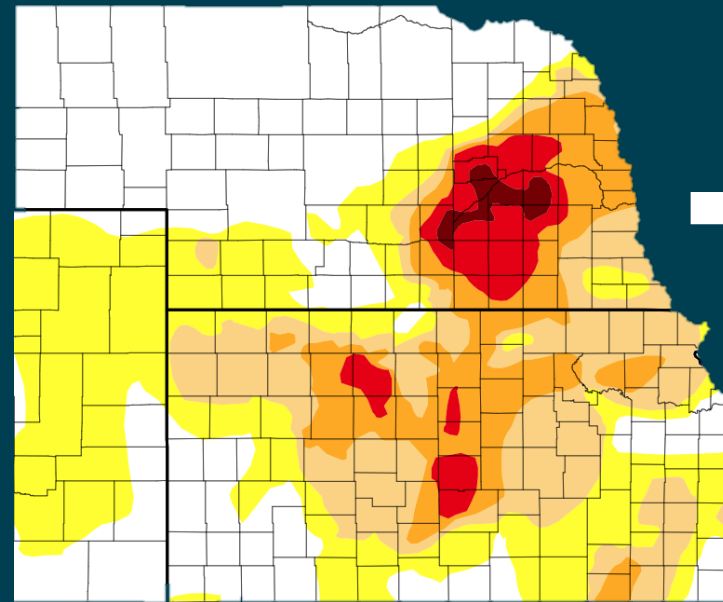




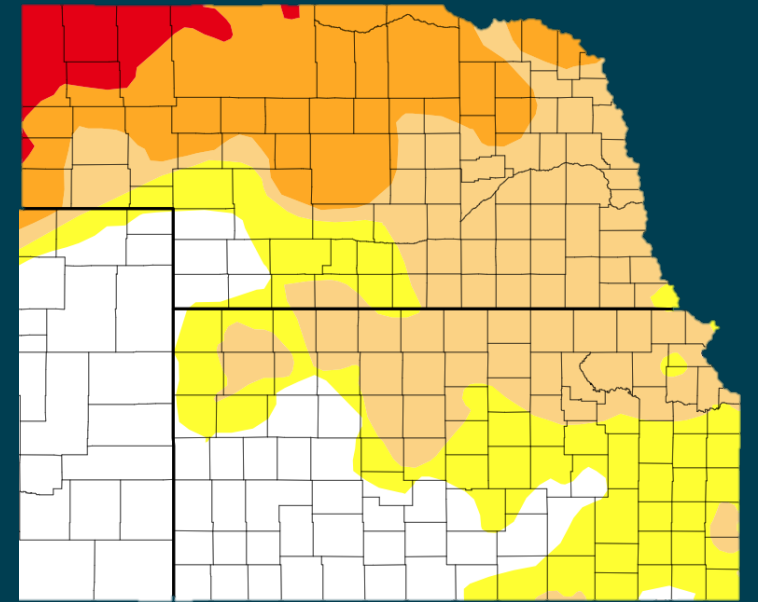
Relief from Drought Continues



2022



2023



2024



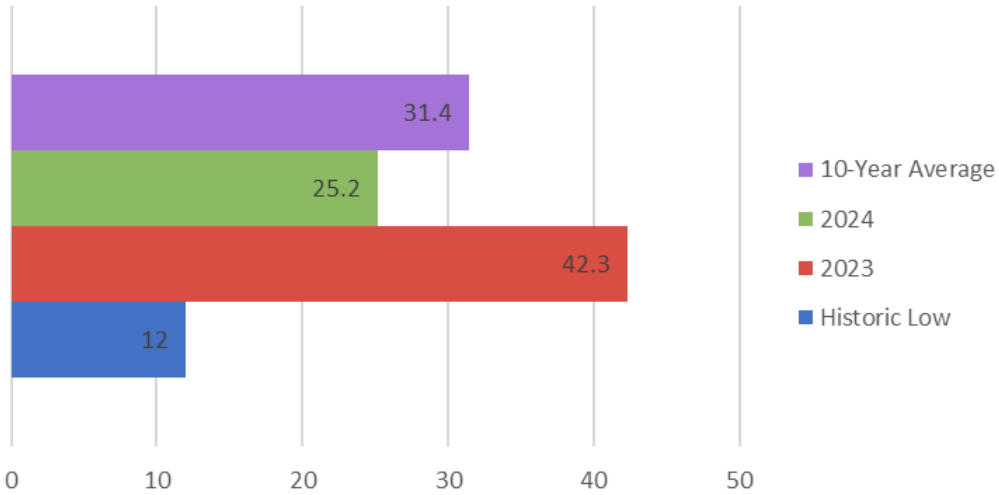
NKAO Reservoir Content

As of December 31, 2024

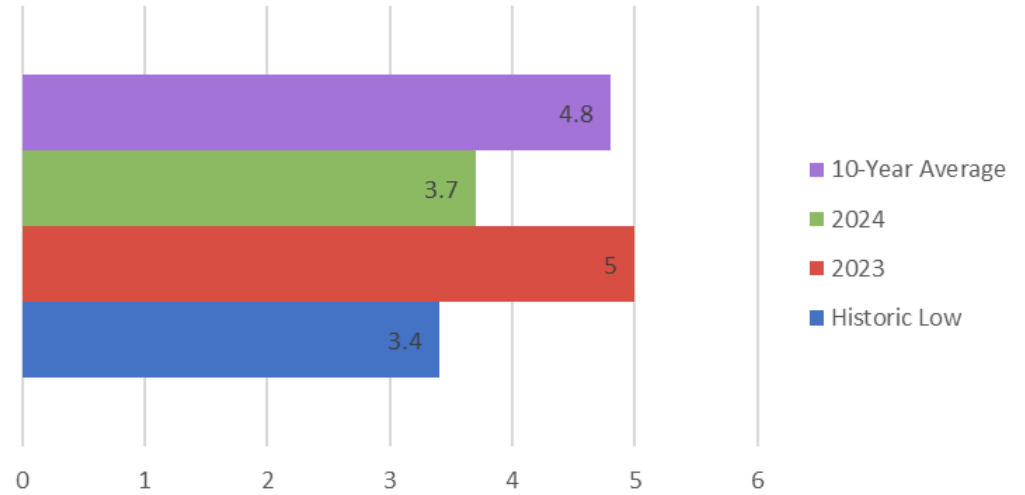
	Elevation (ft)	Content (AF)	Percent of Full (%)	Change in Storage (AF)
Enders	2737.24	7,884	18%	-64
Swanson	3080.64	51,020	46%	-4,592
Hugh Butler	2563.79	13,607	38%	-2,699
Harry Strunk	2362.98	29,362	85%	+1,527
Keith Sebelius	2292.61	14,685	43%	-2,575
Harlan County	1937.59	215,465	69%	-4,228
Lovewell	1578.87	24,409	70%	-3,388



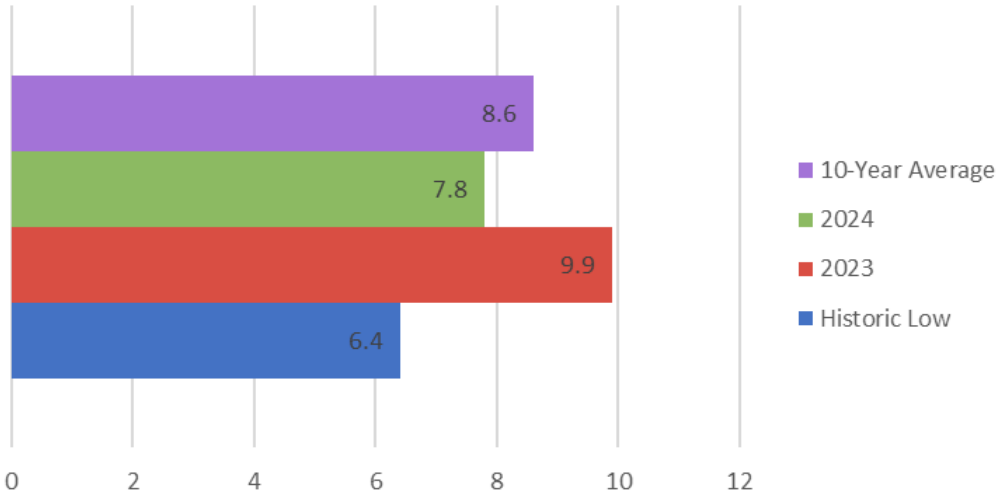
Swanson Inflow (kAF)



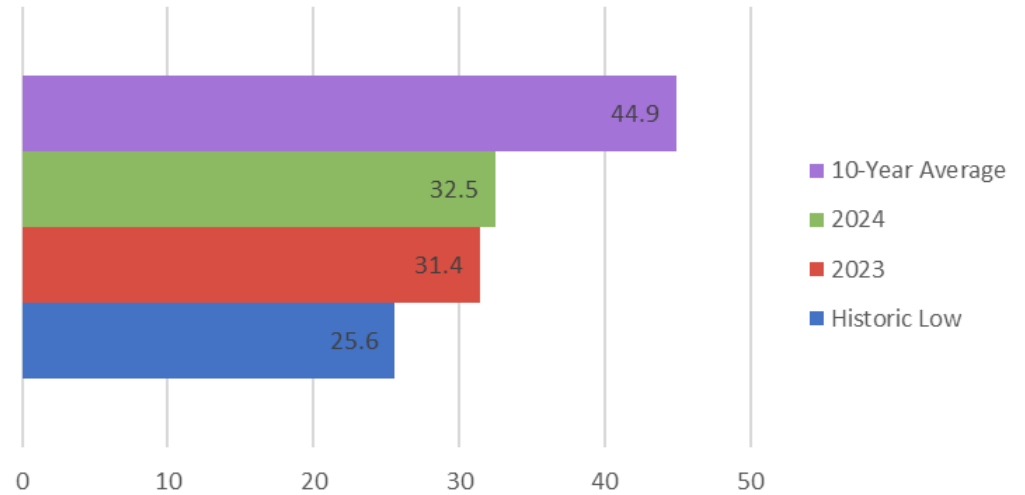
Enders Inflow (kAF)



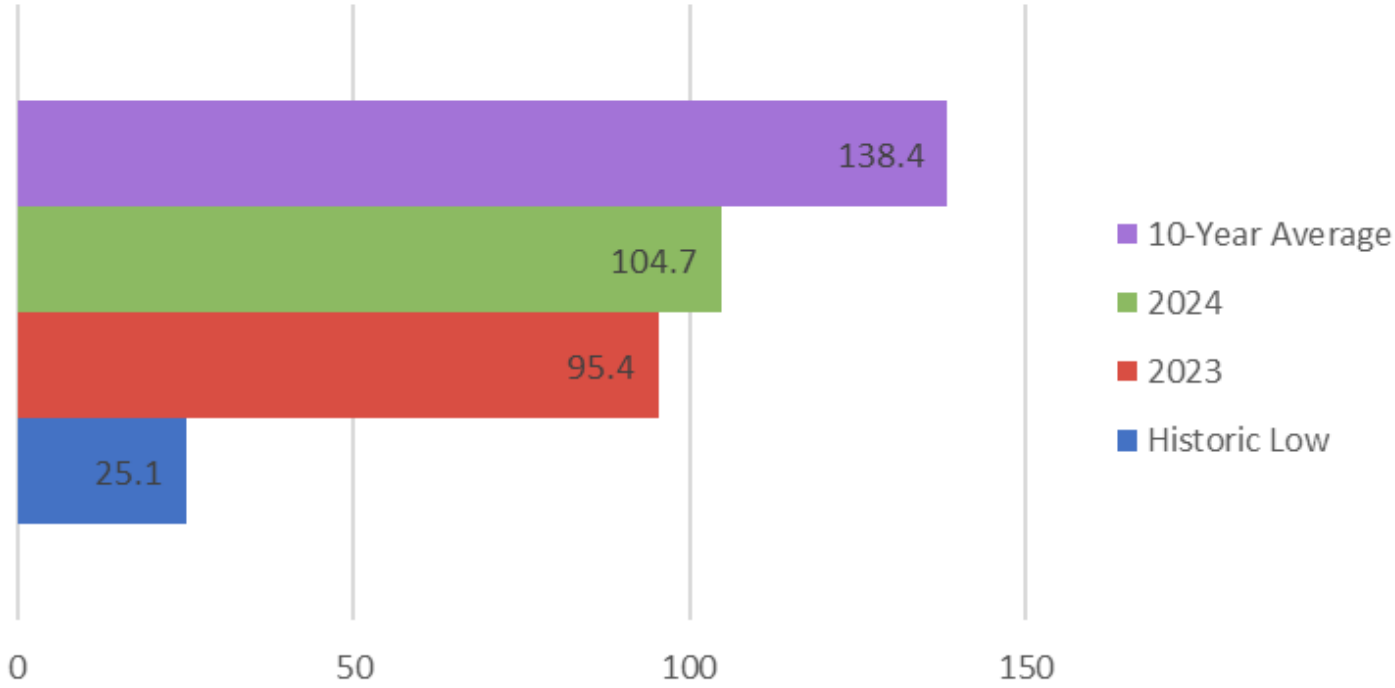
Hugh Butler Inflow (kAF)



Harry Strunk Inflow (kAF)

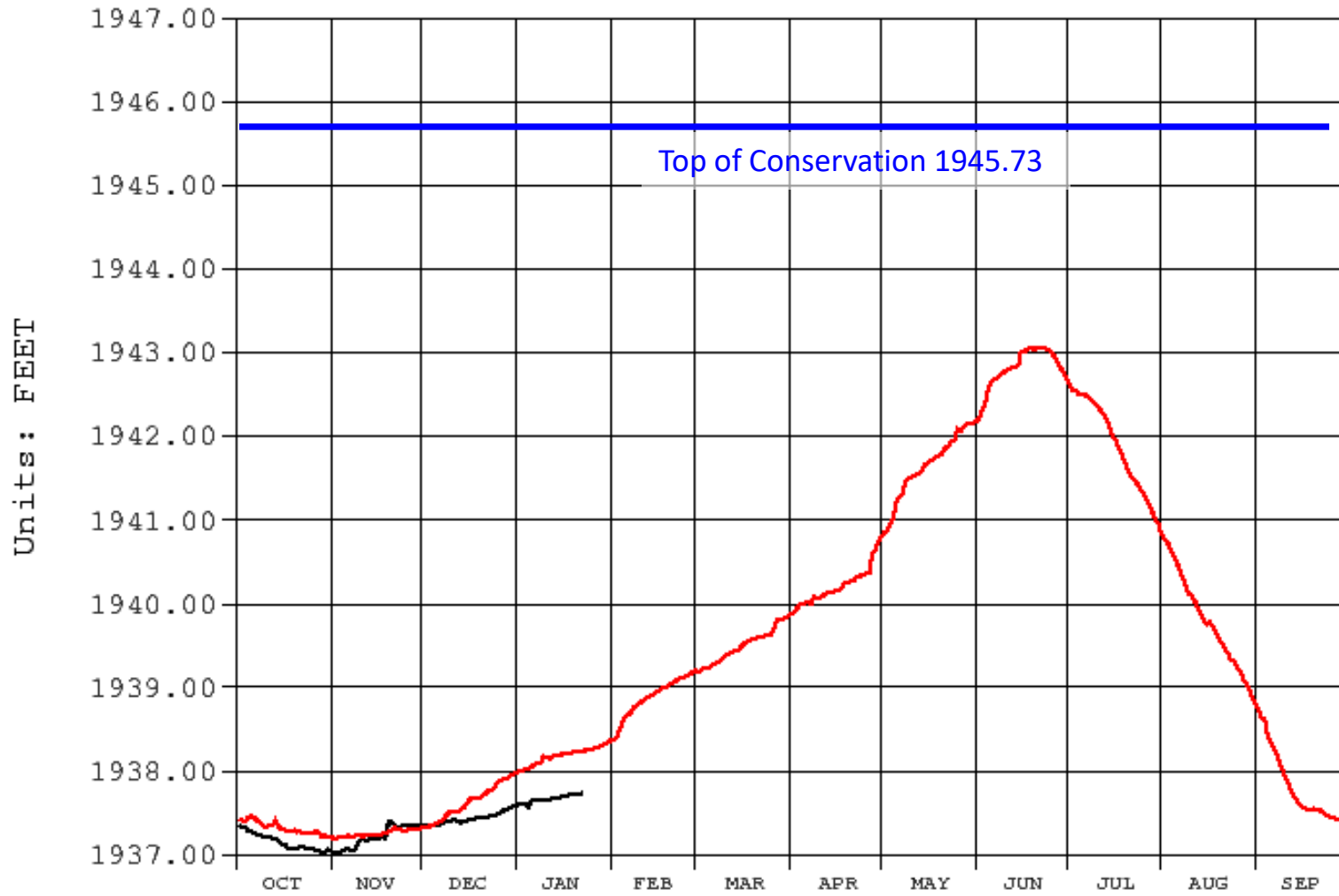


Harlan County Inflow (kAF)



Archive Data From 1-OCT Through 30-SEP

Plotted 01/22/2025 11:32 (Provisional Data Subject to Revision)



HCNE Harlan County Dam, NE
FB Reservoir Forebay Elevation (feet)

2025 2024



HARLAN COUNTY LAKE 2025 WATER SUPPLIES

- 2025 Estimated Irrigation Supply: 100,700 AF
 - Projected Irrigation Supply < 119 kAF
- WATER-SHORT YEAR
 - Water Short Year Administration in effect
 - Two-year accounting (Compact)



BOSTWICK WATER SUPPLIES

2025 WATER SUPPLIES

Total Irrigation Supply (AF): 100,700 AF

	<u>2025</u>
Bostwick in NE ID	42,800 AF
Kansas Bostwick	57,900 AF

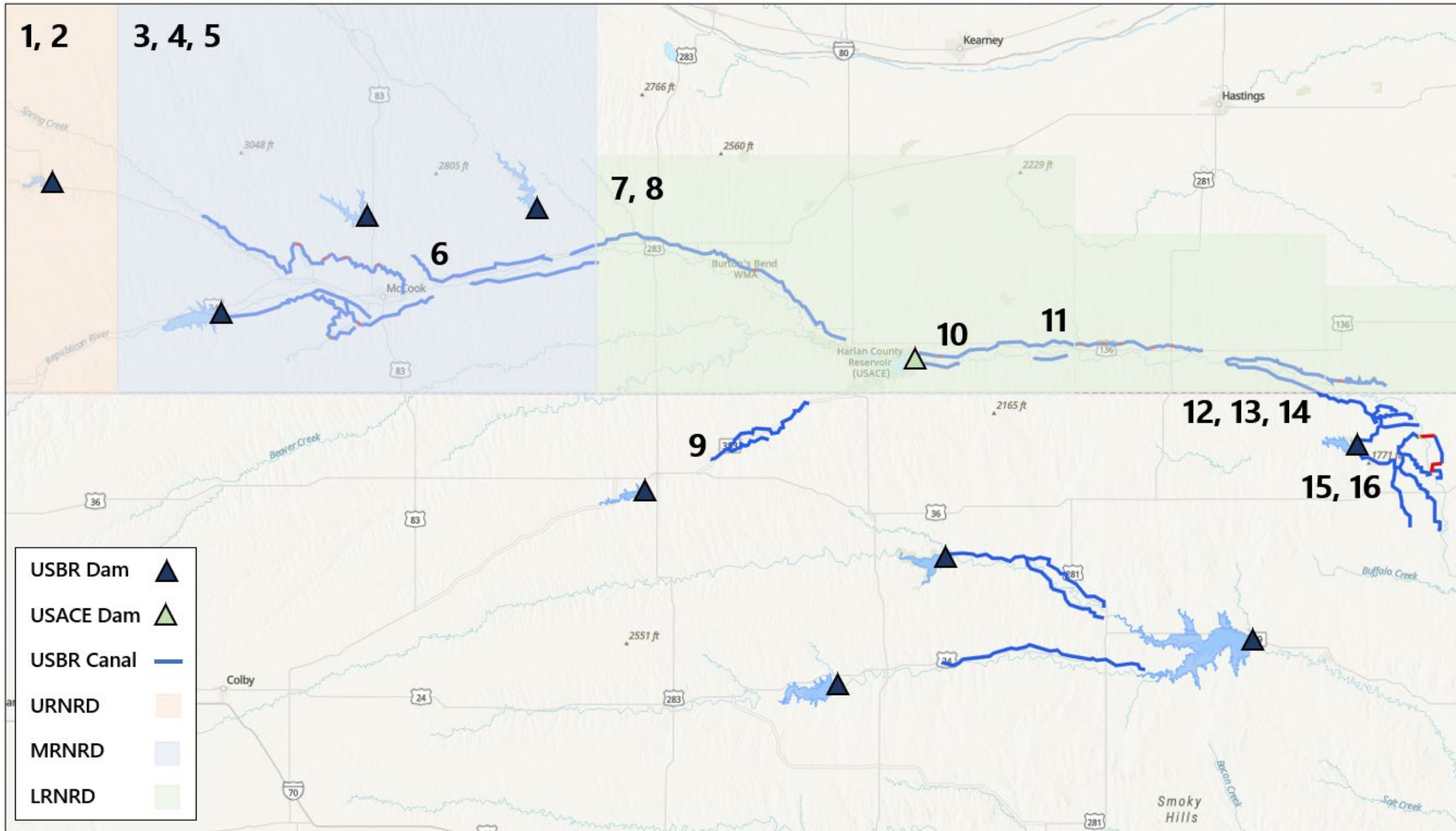


Water Deliveries

<u>Irrigation District</u>	<u>2024</u>	<u>2025 (Projected)</u>
Frenchman-Valley	0.0 Inches	0.0 Inches
Frenchman-Cambridge	5.3 Inches	6.0 Inches
Nebraska-Bostwick	6.5 Inches	8.0 Inches
Kansas-Bostwick	11.5 Inches	12.5 Inches
Almena	2.2 Inches	6.0 Inches



WaterSMART Grants Awarded in the Republican River Basin



1	\$ 300,000
2	\$ 834,310
3	\$ 1,500,000
4	\$ 1,300,000
5	\$ 1,100,000
6	\$ 1,500,000
7	\$ 2,000,000
8	\$ 4,333,250
9	\$ 227,345
10	\$ 75,000
11	\$ 2,000,000
12	\$ 377,000
13	\$ 163,000
14	\$ 789,805
15	\$ 344,250
16	\$ 100,000
Total	
\$16,946,960	



Questions?



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Craig Scott
cscott@usbr.gov