



COLORADO
Division of Water Resources
Department of Natural Resources

South Platte Summary June 2024

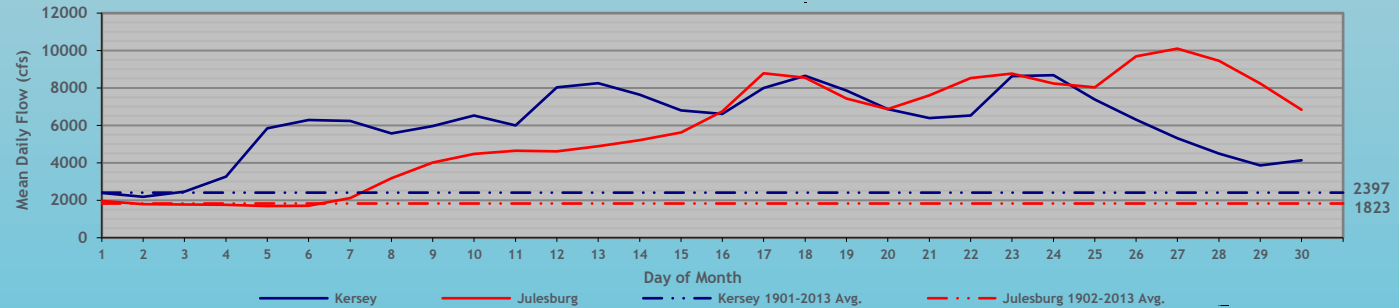
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

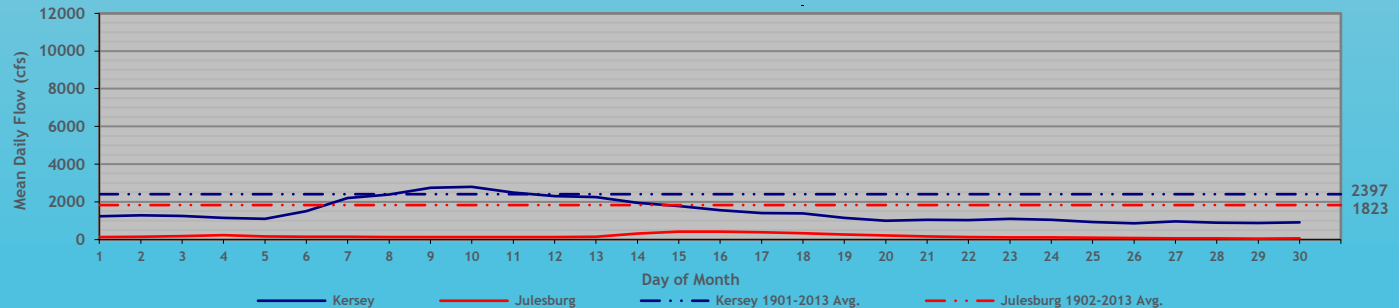
MONTH OF June 2024

RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	19,770	18,501	64	-1,269	-6%	82%	84%	0
N STERLING	73,730	73,011	67,397	64	-5,614	-8%	91%	100%	0
PREWITT	28,500	31,320	30,363	64	-957	-3%	100%	100%	1,863
JACKSON	27,257	27,042	26,439	1	-603	-2%	97%	100%	0
EMPIRE	37,700	33,817	31,117	1	-2,700	-8%	83%	85%	0
RIVERSIDE	63,113	59,741	57,710	1	-2,031	-3%	91%	98%	0
BARR LAKE	32,152	27,581	28,515	2	934	3%	89%	94%	0
CHEESMAN	79,064	79,414	79,344	80	-70	0%	100%	100%	280
ELEVEN MILE	97,779	99,658	102,464	23	2,806	3%	100%	100%	4,685
SPINNEY	53,651	49,288	53,310	23	4,022	8%	99%	95%	0
ANTERO	20,015	19,816	20,057	23	241	1%	100%	100%	42

KERSEY and JULESBURG
June 2023



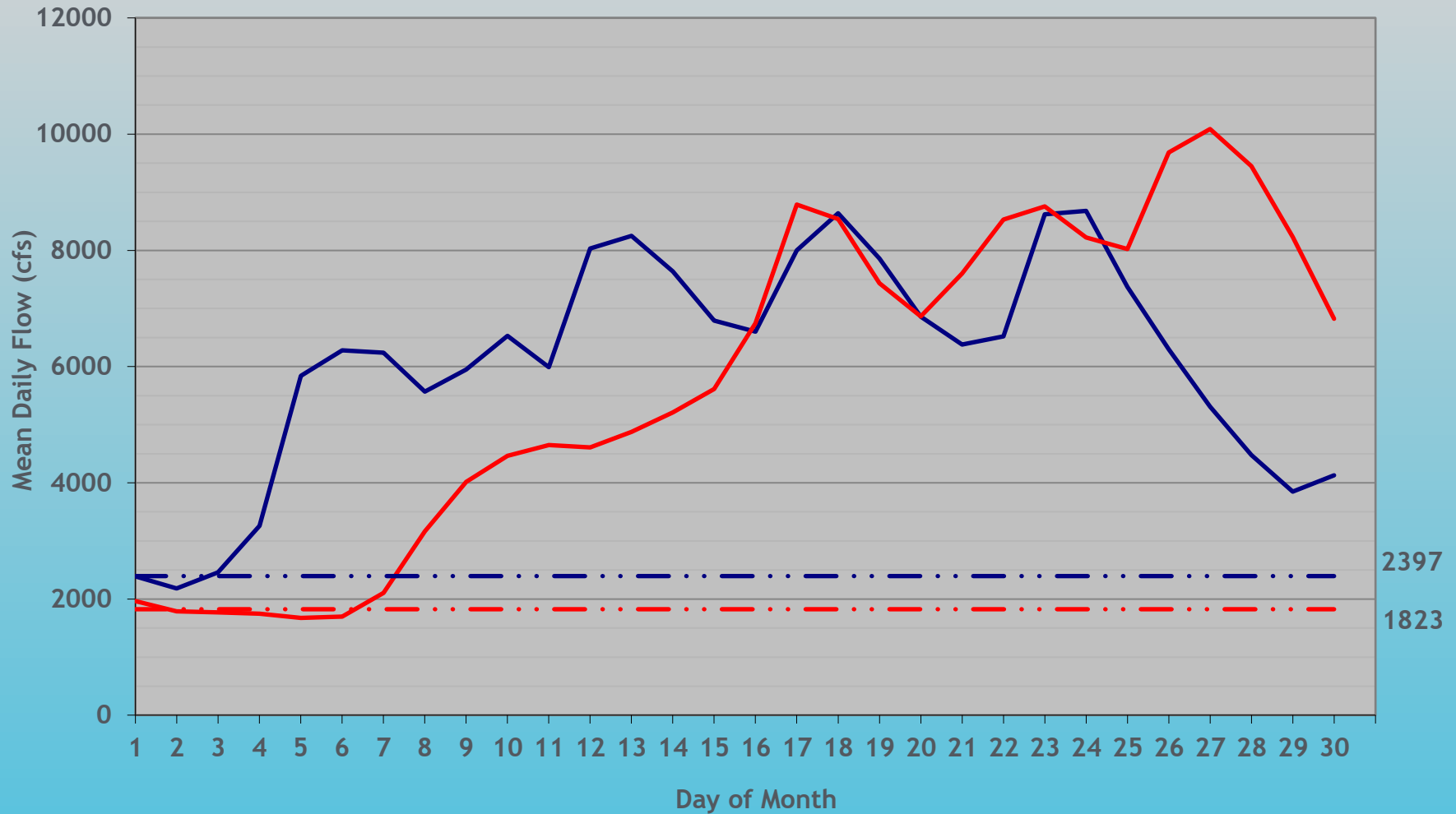
KERSEY and JULESBURG
June 2024



RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	1485
JULESBURG	175
THIS MONTH LAST YEAR	
KERSEY	6100
JULESBURG	5771
MEAN FOR PERIOD OF RECORD*	
KERSEY	2397
JULESBURG	1823
*Kersey 1901 - 2016	
*Julesburg 1902 - 2016	

KERSEY and JULESBURG

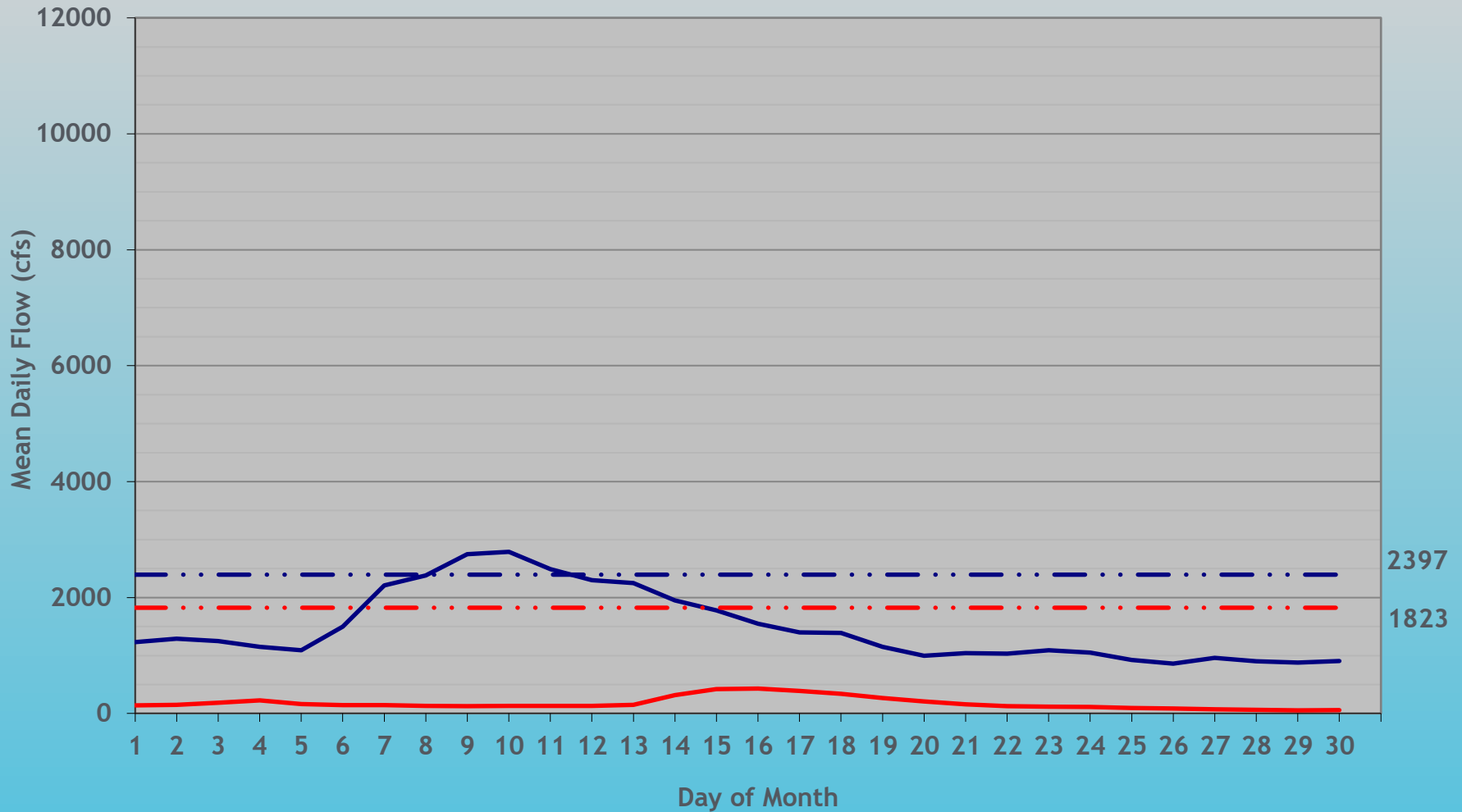
June 2023



— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

KERSEY and JULESBURG

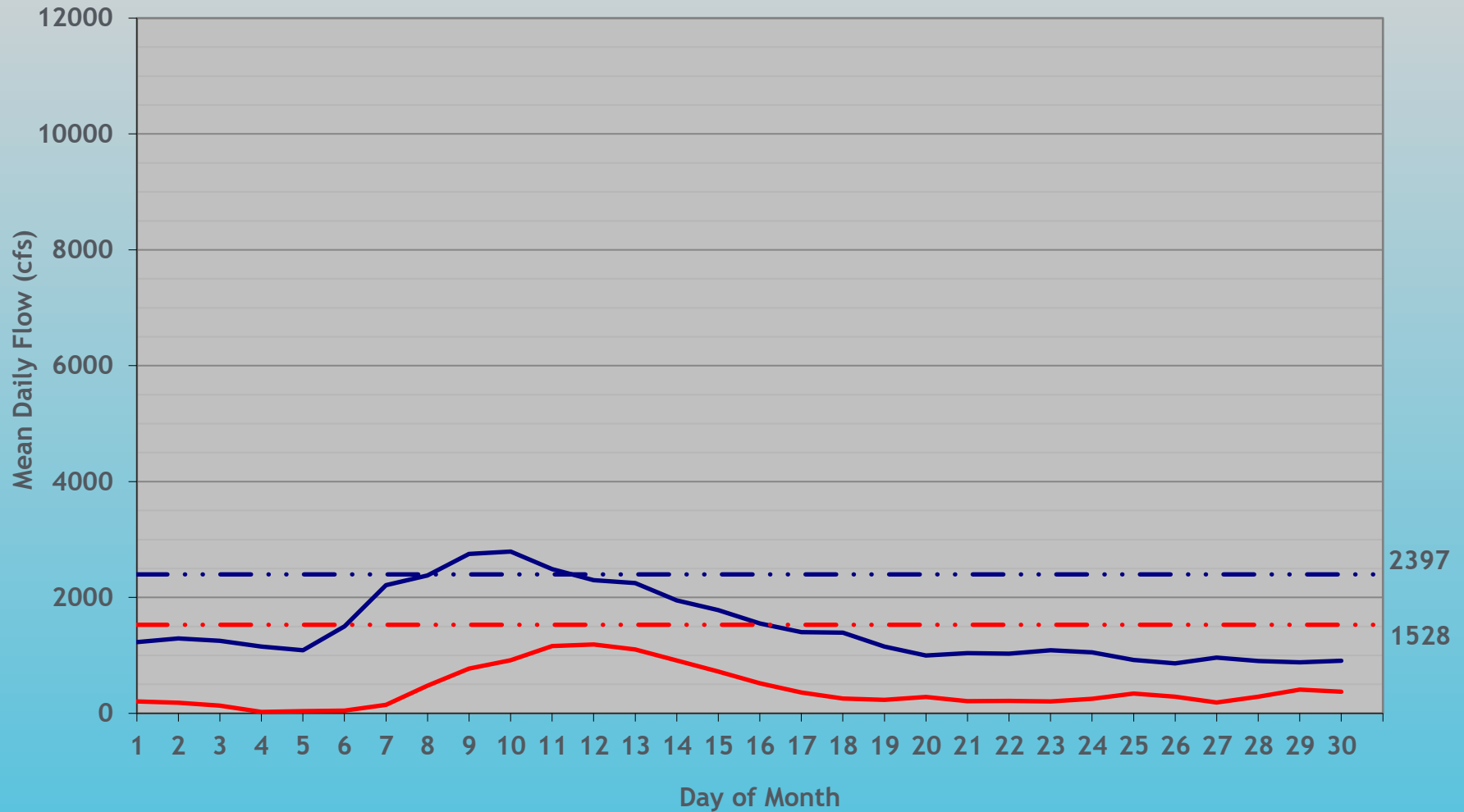
June 2024



— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

KERSEY and BALZAC

June 2024



— Kersey

— Balzac

· Kersey 1901-2013 Avg.

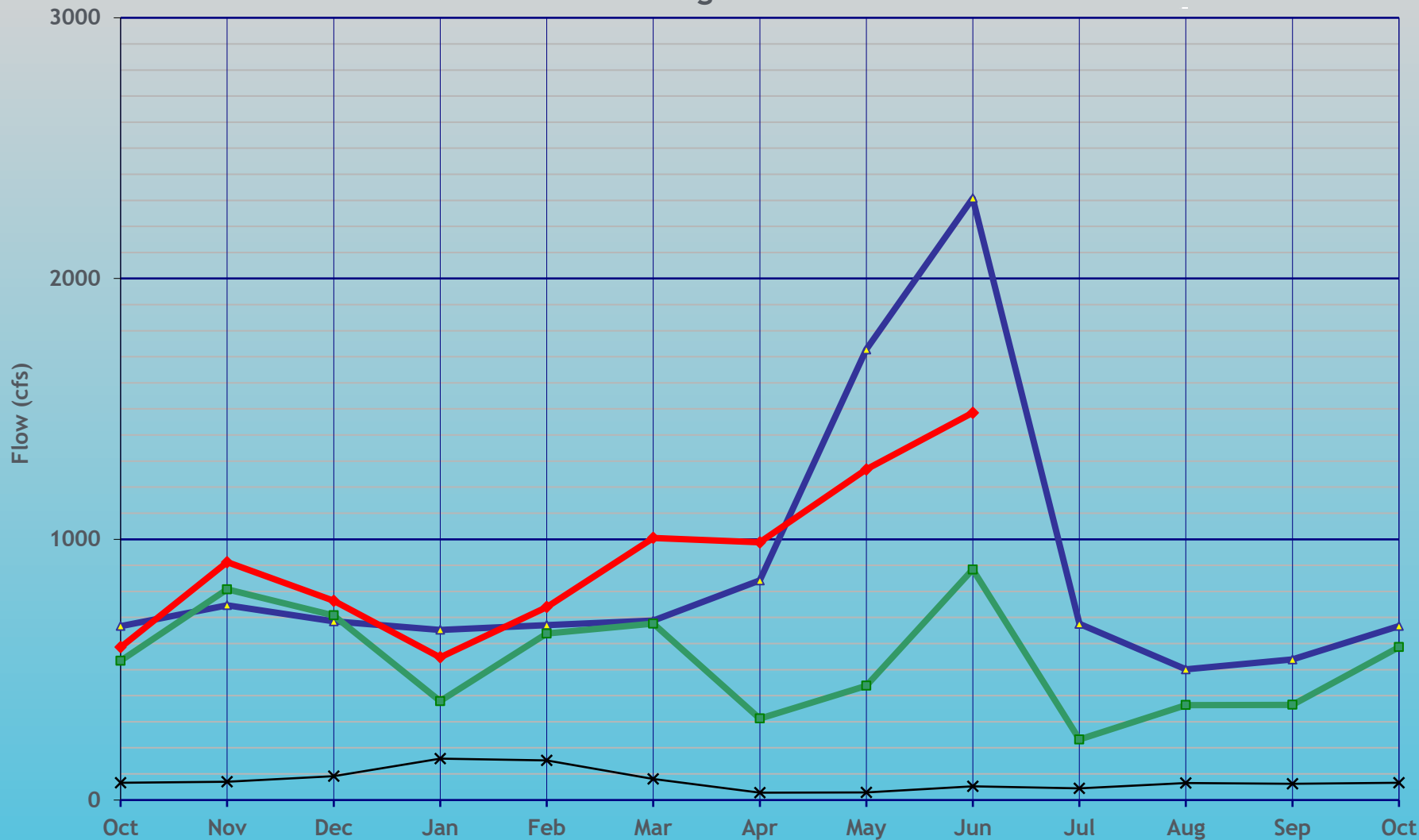
· Balzac 1917-2013 Avg.

South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2024 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2024 Mean Monthly Flow
Oct	667	6180	1984	66	1954	586	Oct	299	3130	1984	4.2	1903	94
Nov	747	3650	1984	70	1934	912	Nov	335	2900	1984	4.2	1903	30
Dec	685	1890	1961	91	1934	764	Dec	401	1820	1984	13	2002	318
Jan	652	2160	1974	158	1935	547	Jan	512	2510	1970	21	2003	885
Feb	671	3060	1914	152	1935	740	Feb	578	3220	1930	29	2005	625
Mar	688	3470	1983	80	1935	1005	Mar	512	12900	1910	15	1904	313
Apr	842	18100	1942	28	1955	988	Apr	514	14400	1942	4.0	1904	267
May	1728	26100	1973	29	1955	1268	May	994	18100	1973	12	1911	539
Jun	2308	31000	1921	52	1954	1485	Jun	1426	30800	1921	2.0	1910	175
Jul	675	12600	1983	44	1955		Jul	311	12600	1983	0.0	1903	
Aug	501	9690	1951	65	1934		Aug	178	8920	1968	0.0	1903	
Sep	539	14200	1938	62	1940		Sep	284	7130	1938	2.0	1902	
Oct	667	6180	1984	66	1954		Oct	299	3130	1984	4.2	1903	
*Period of record 1902-2021							*Period of record 1902-2021						

South Platte River at Kersey

Irrigation Year



Historic* Mean Flow Historic* Min Flow 2023-2024 Mean Flow 2022-2023 Mean Flow

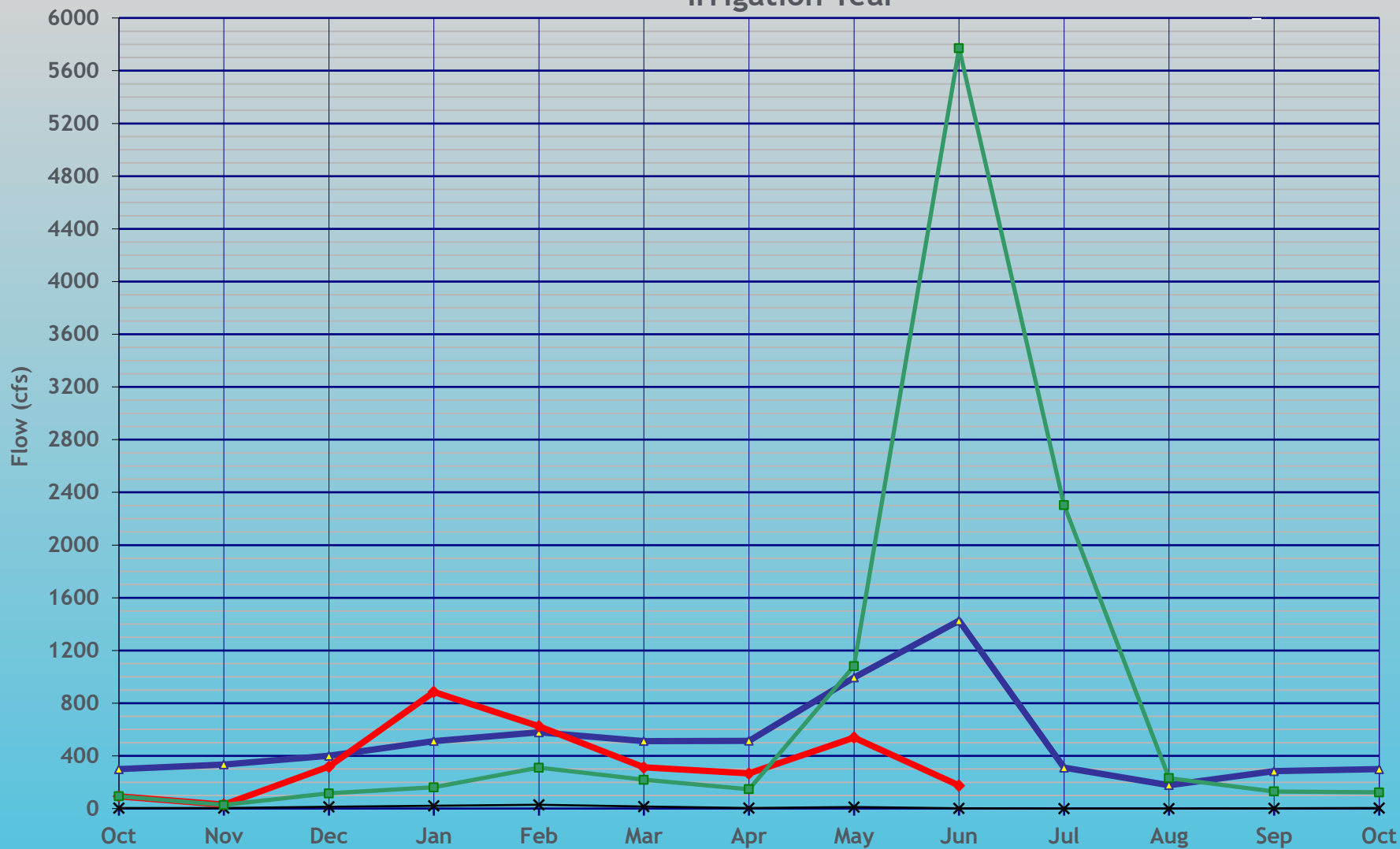
*1901-2021



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South Platte River at Julesburg

Irrigation Year



—▲— Historic* Mean Flow

—×— Historic* Min Flow

—◆— 2023-2024 Mean Flow

—■— 2022-2023 Mean Flow

*1901-2021

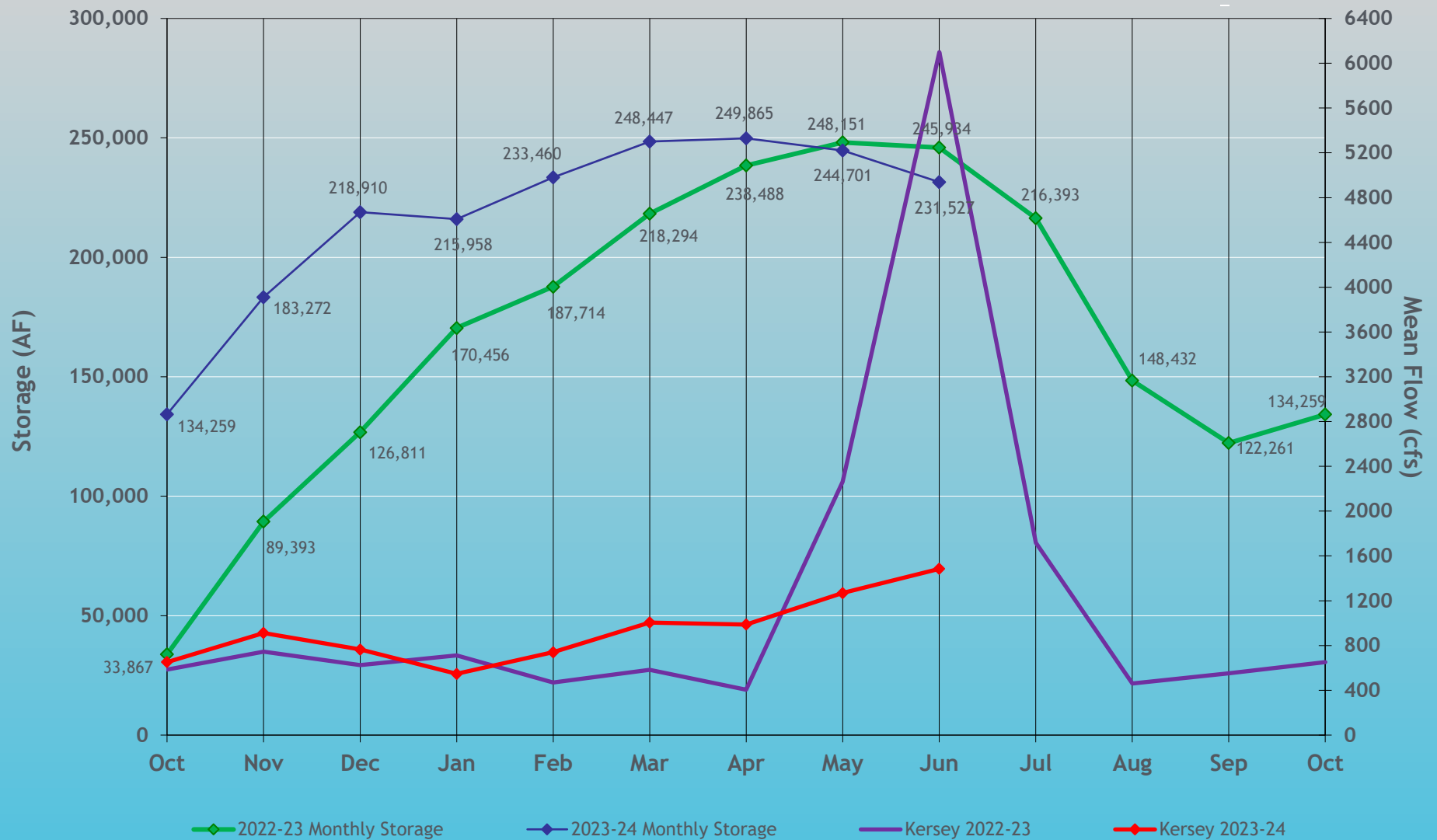


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Reservoir Storage below Kersey

Selected Reservoirs*



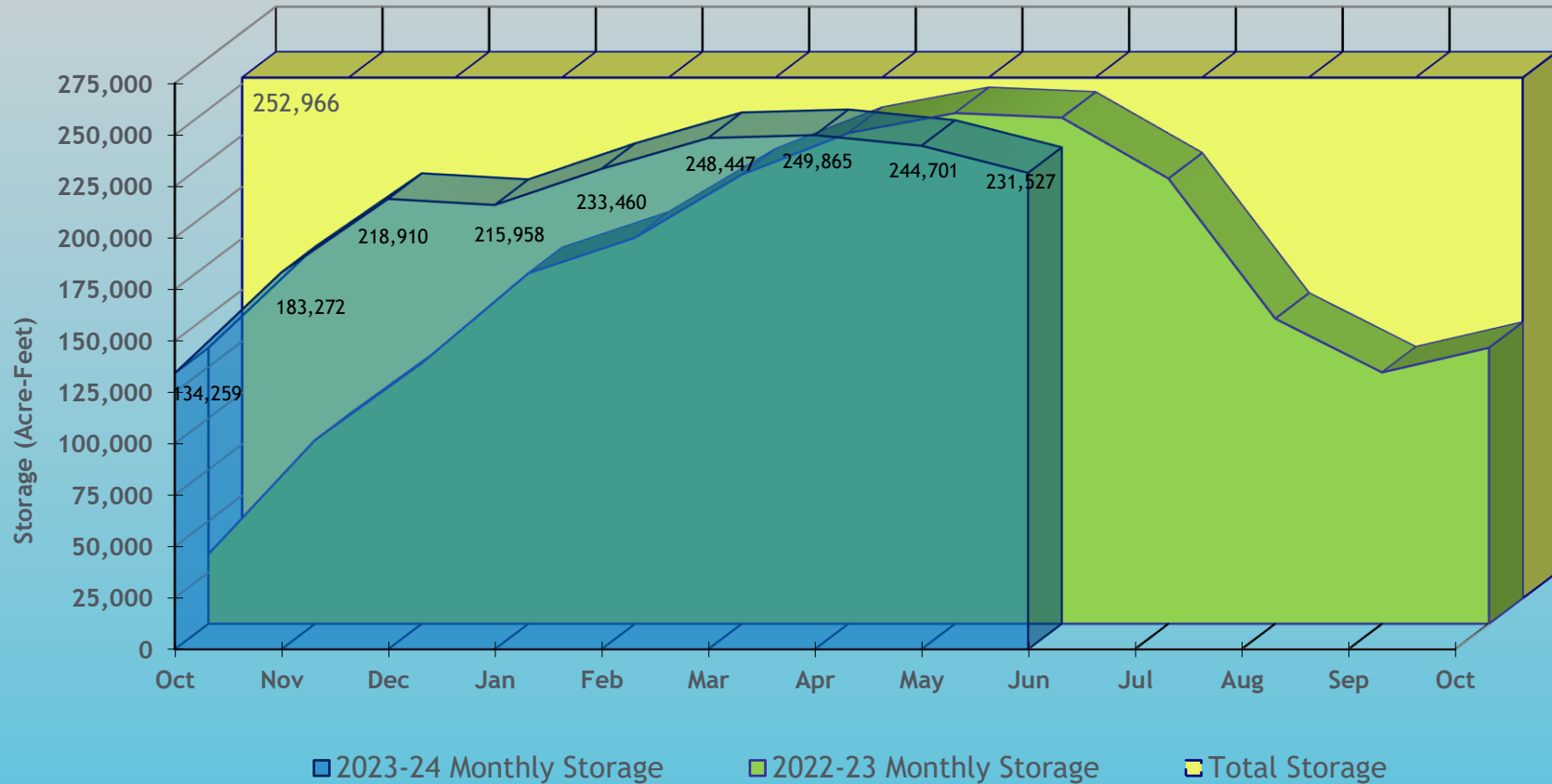
2022-23 Monthly Storage

2023-24 Monthly Storage

Kersey 2022-23

Kersey 2023-24

South Platte Reservoir Storage below Kersey*

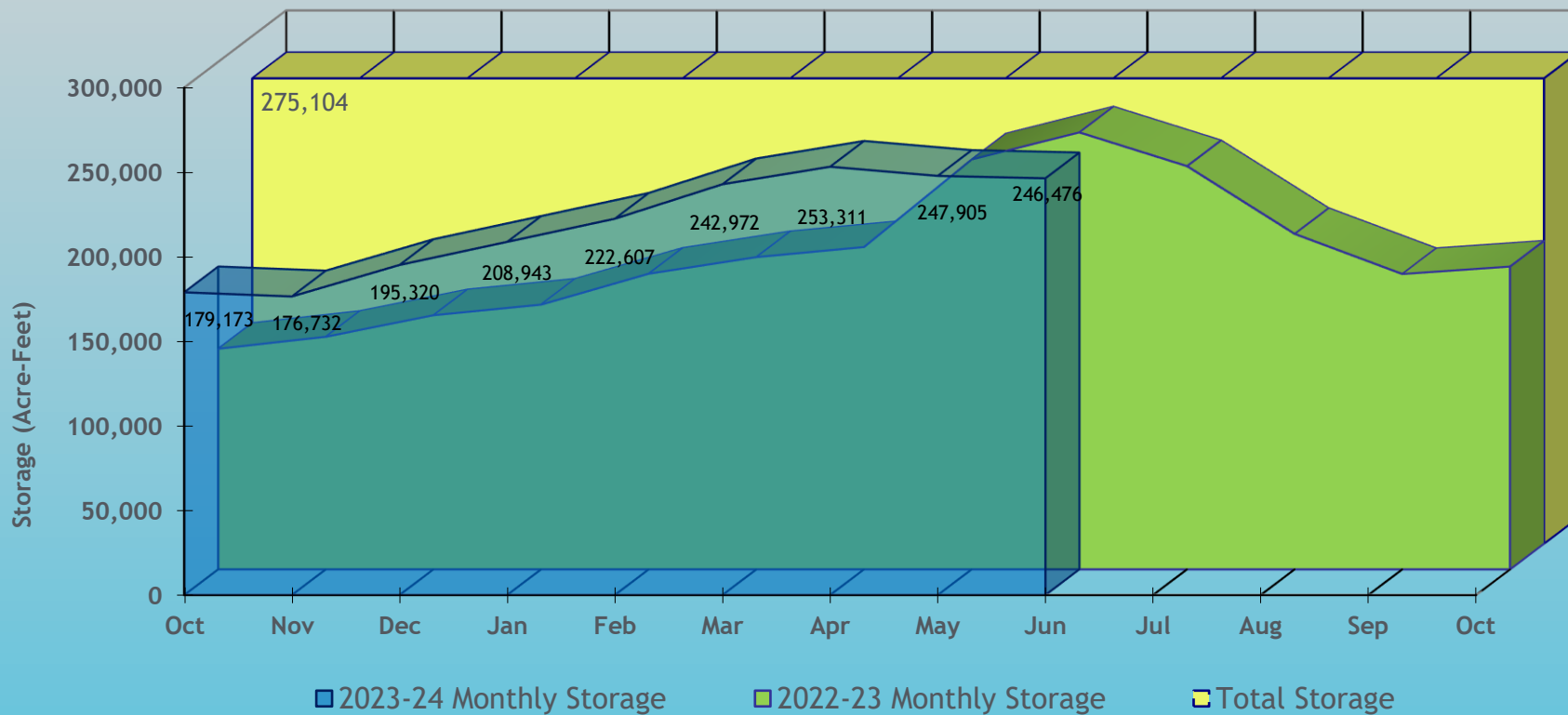


*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg



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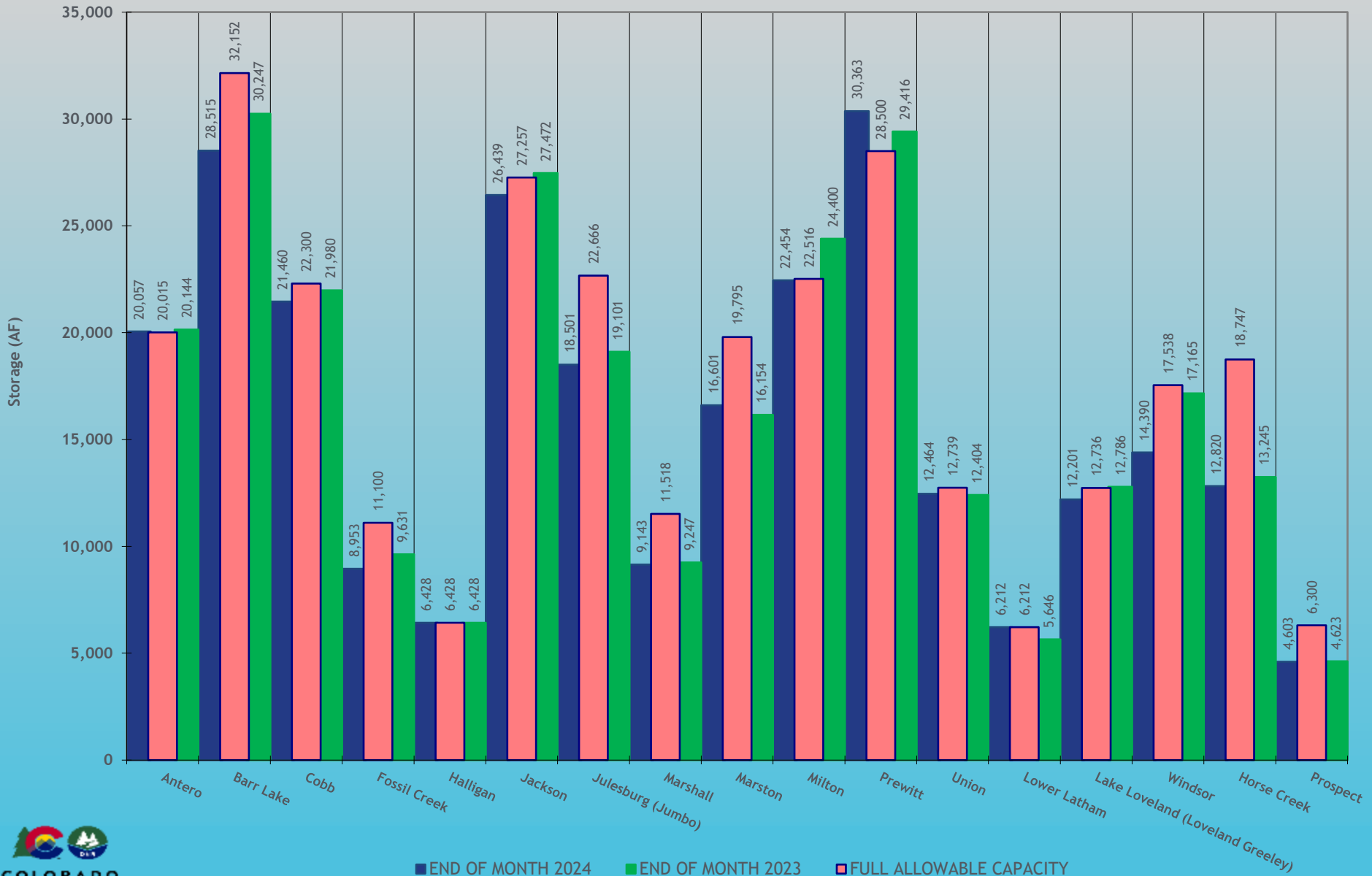
South Platte Reservoir Storage above Kersey*



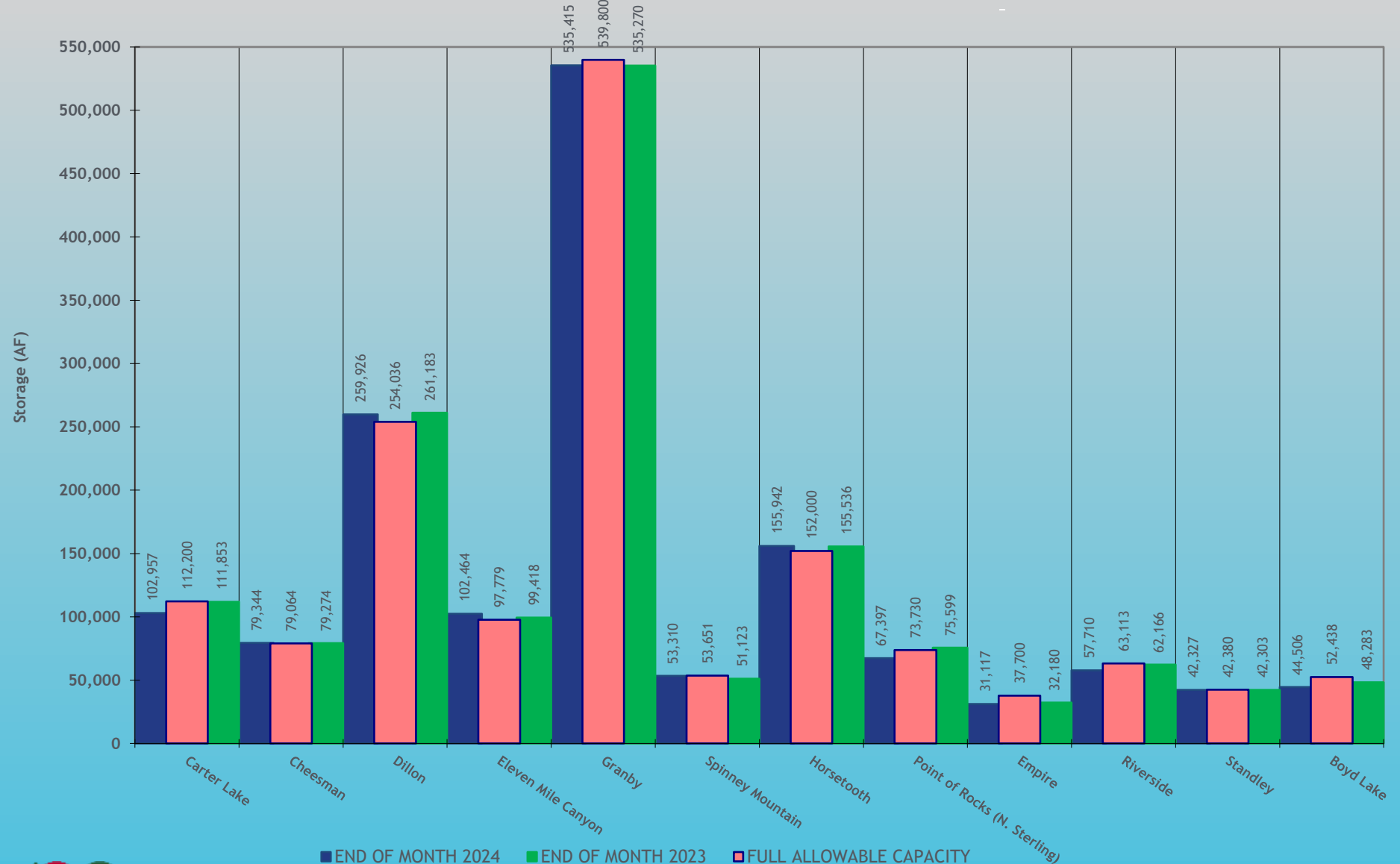
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



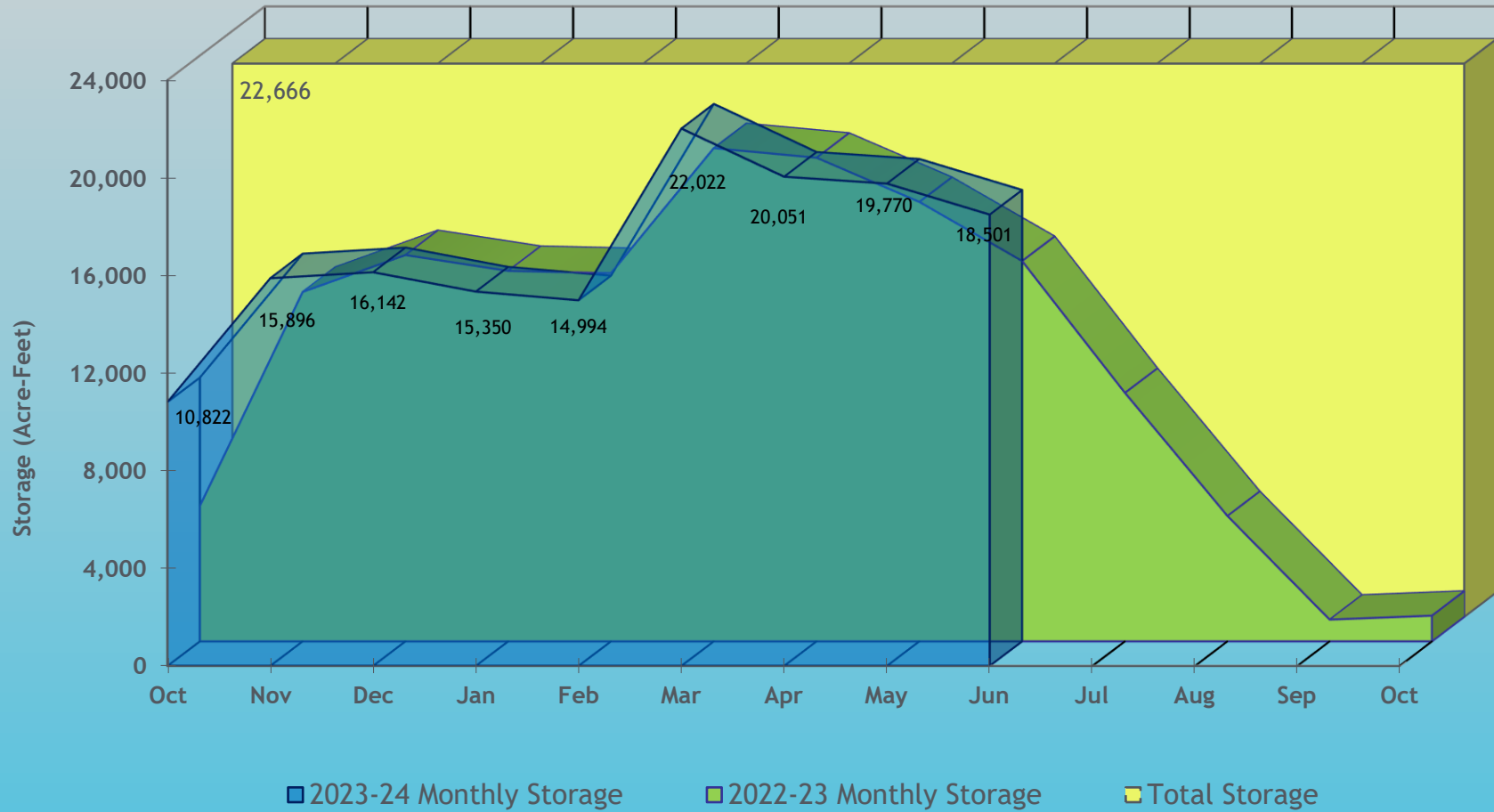
June Reservoir Change in Storage IY2023 versus IY2024



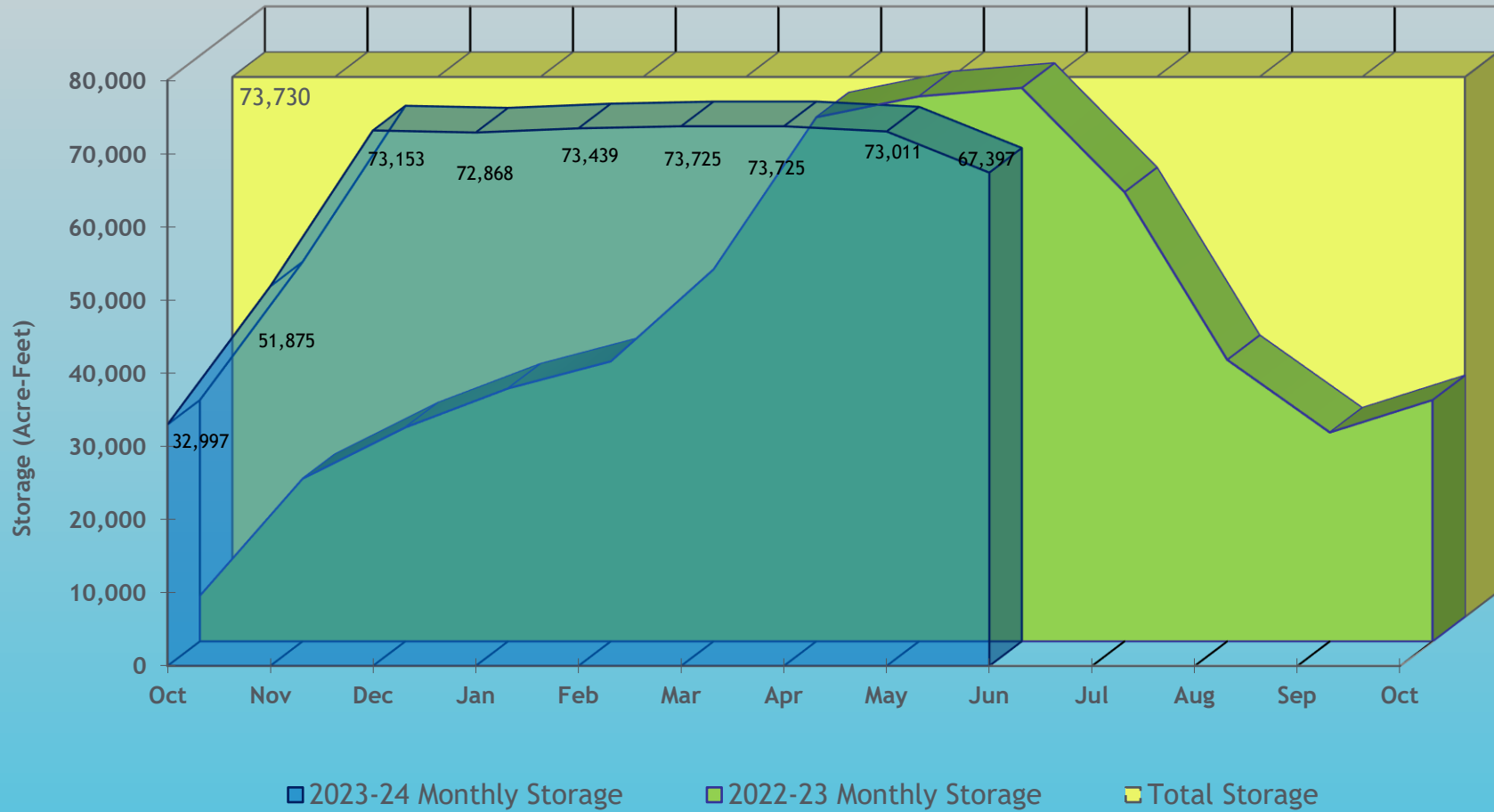
June Reservoir Change in Storage IY2023 versus IY2024



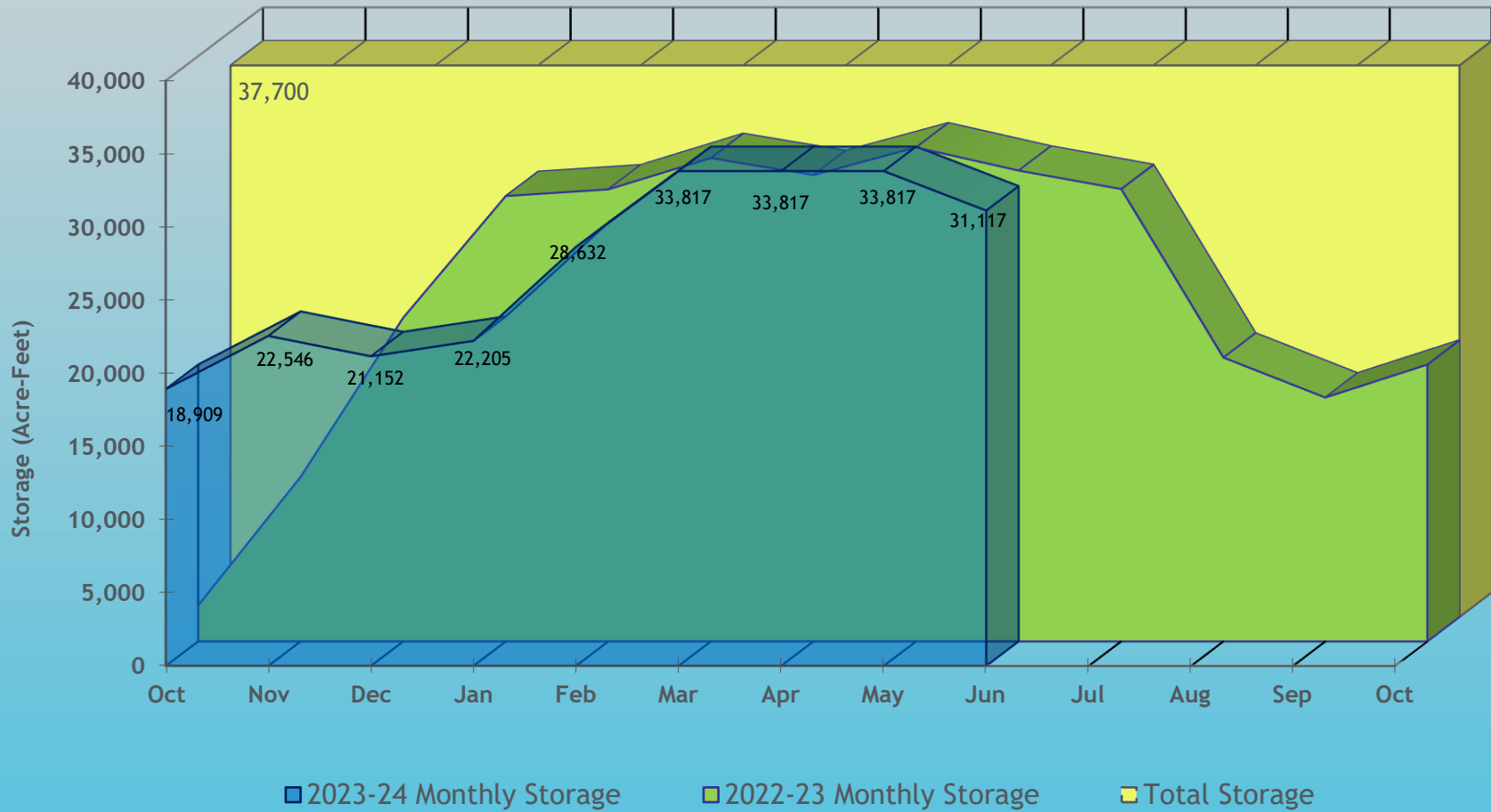
Julesburg Reservoir (District 64 - Agricultural)



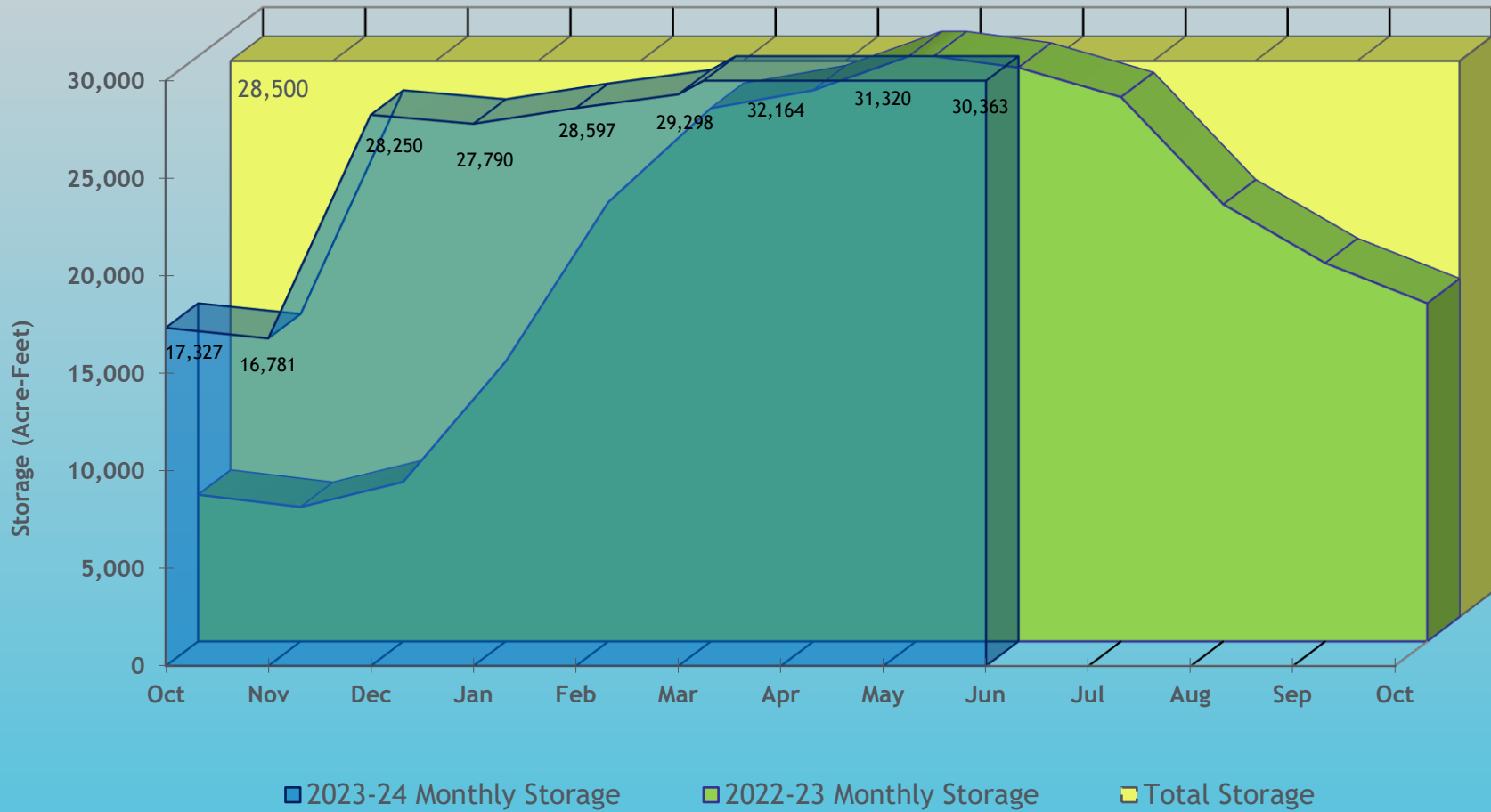
North Sterling Reservoir (District 64 - Agricultural)



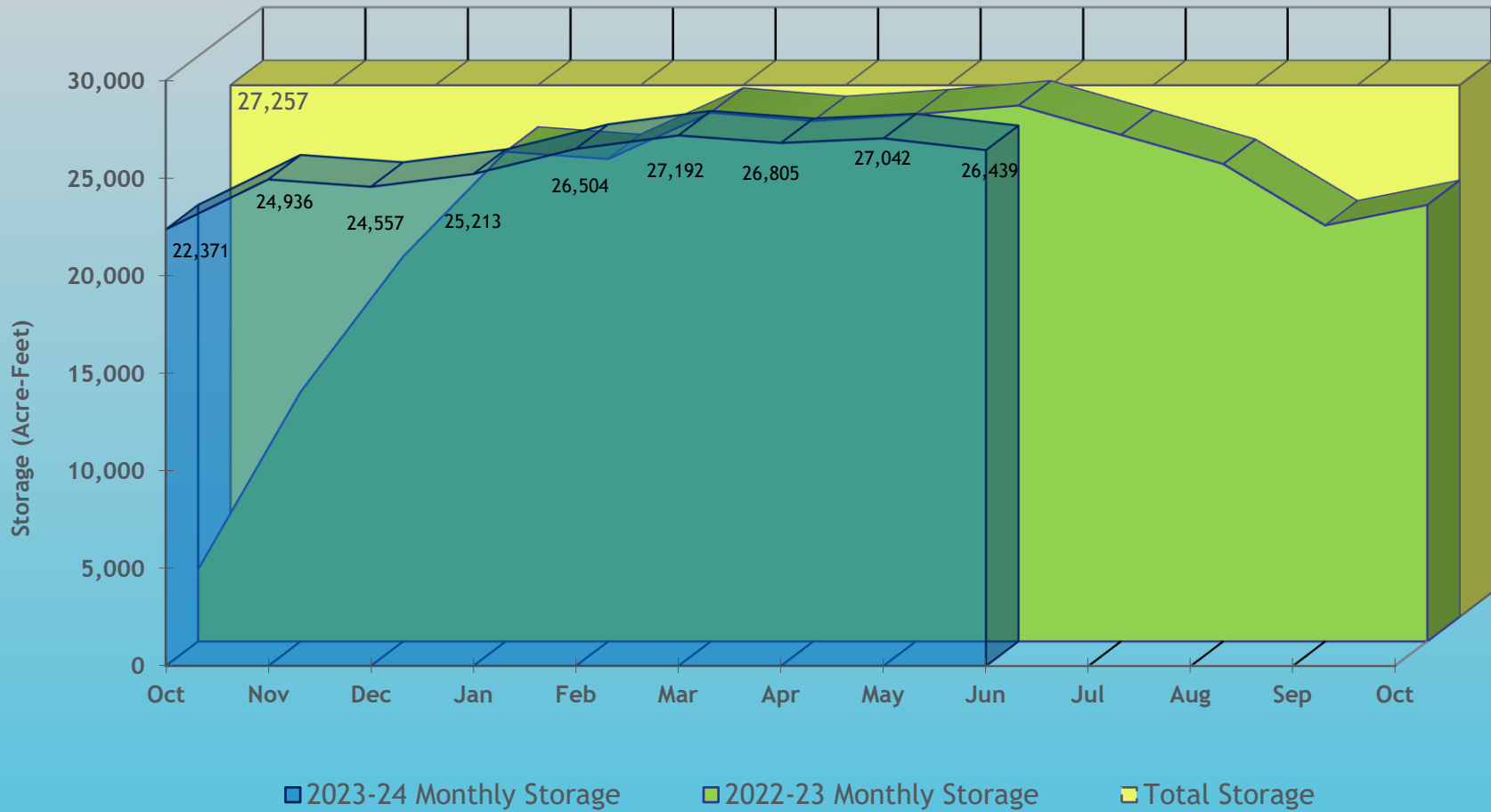
Empire Reservoir (District 1 - Agricultural)



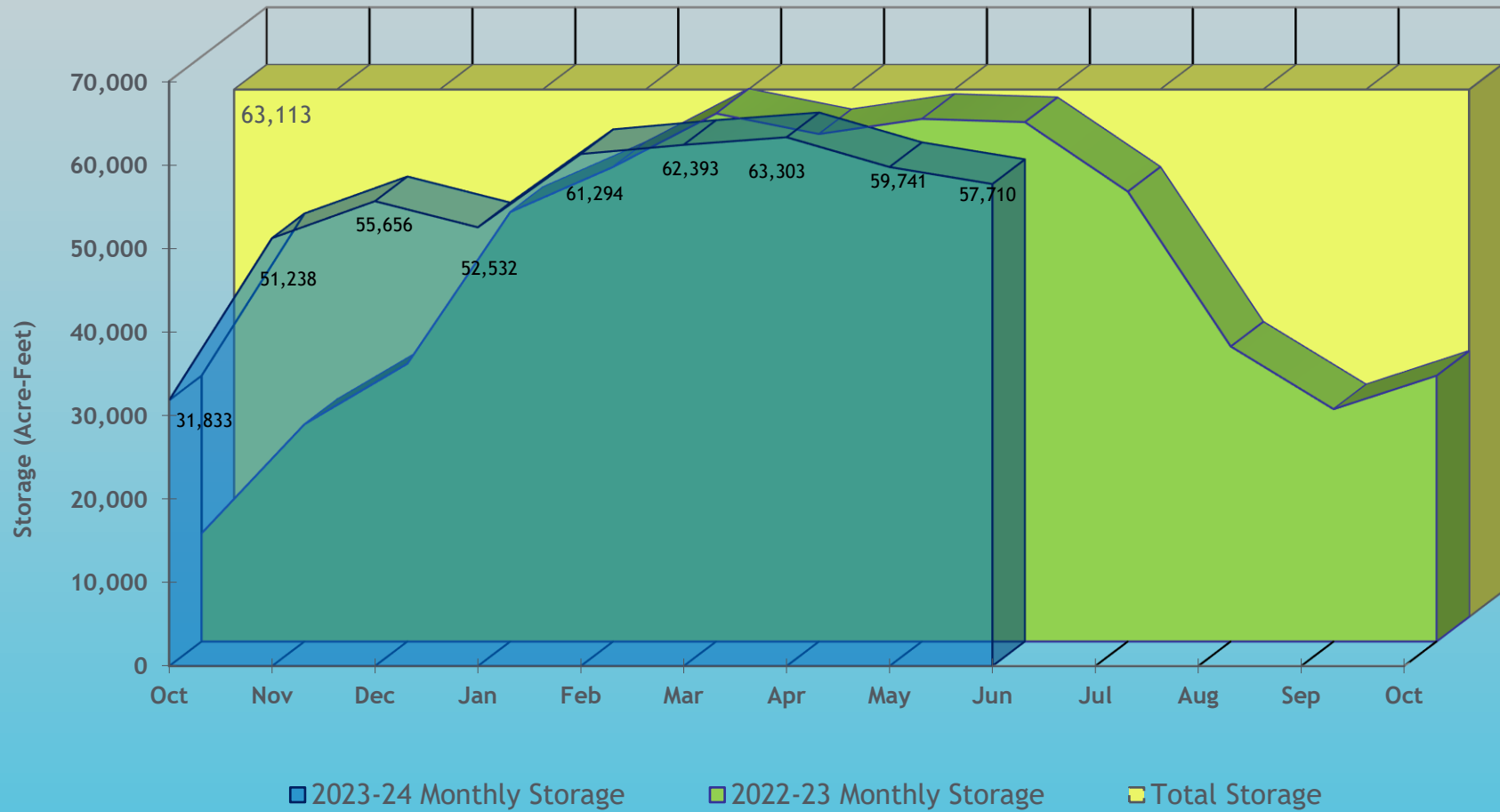
Prewitt Reservoir (District 64 - Agricultural)



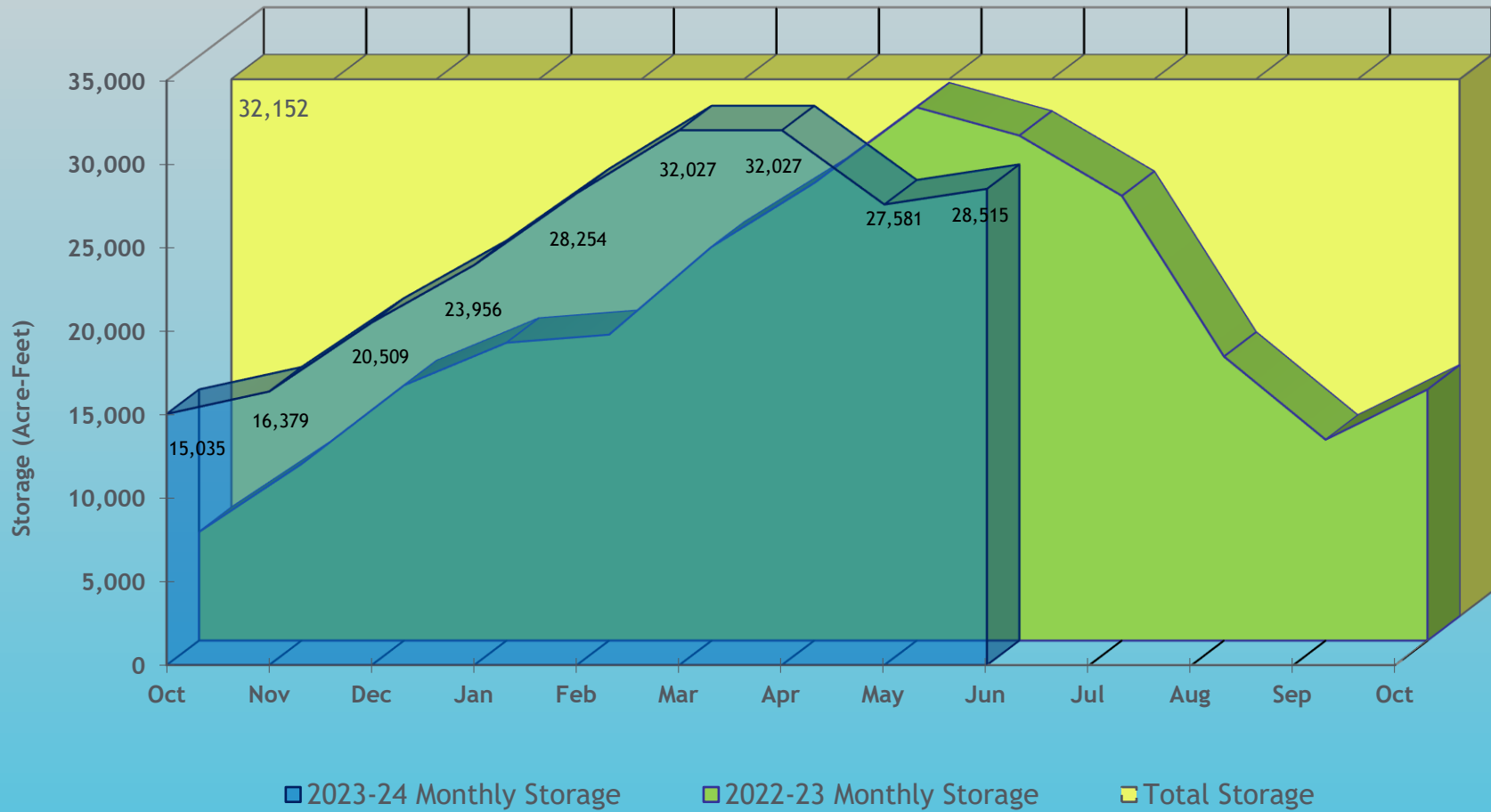
Jackson Reservoir (District 1 - Agricultural)



Riverside Reservoir (District 1 - Agricultural)

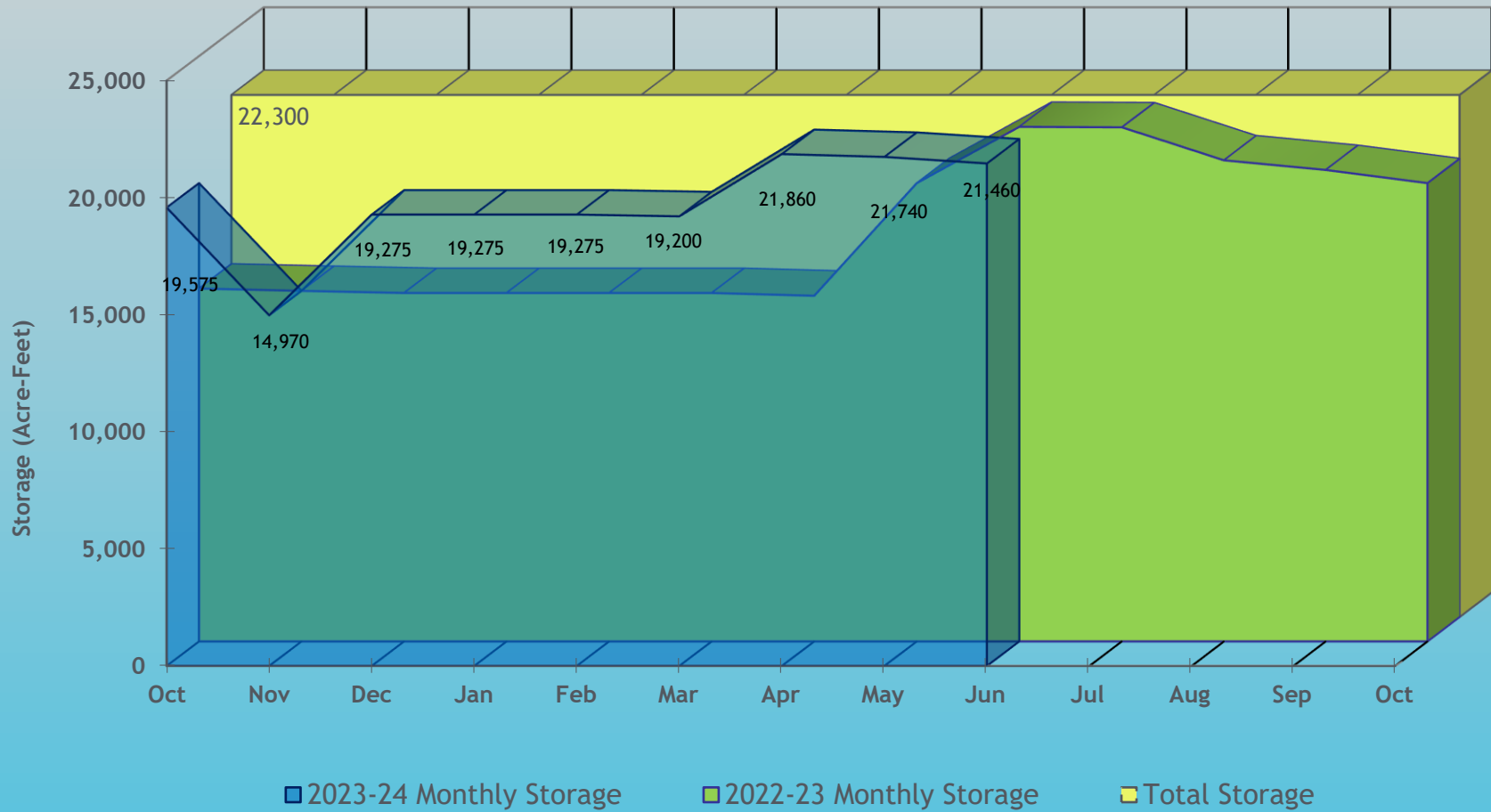


Barr Reservoir (District 2 - Agricultural)



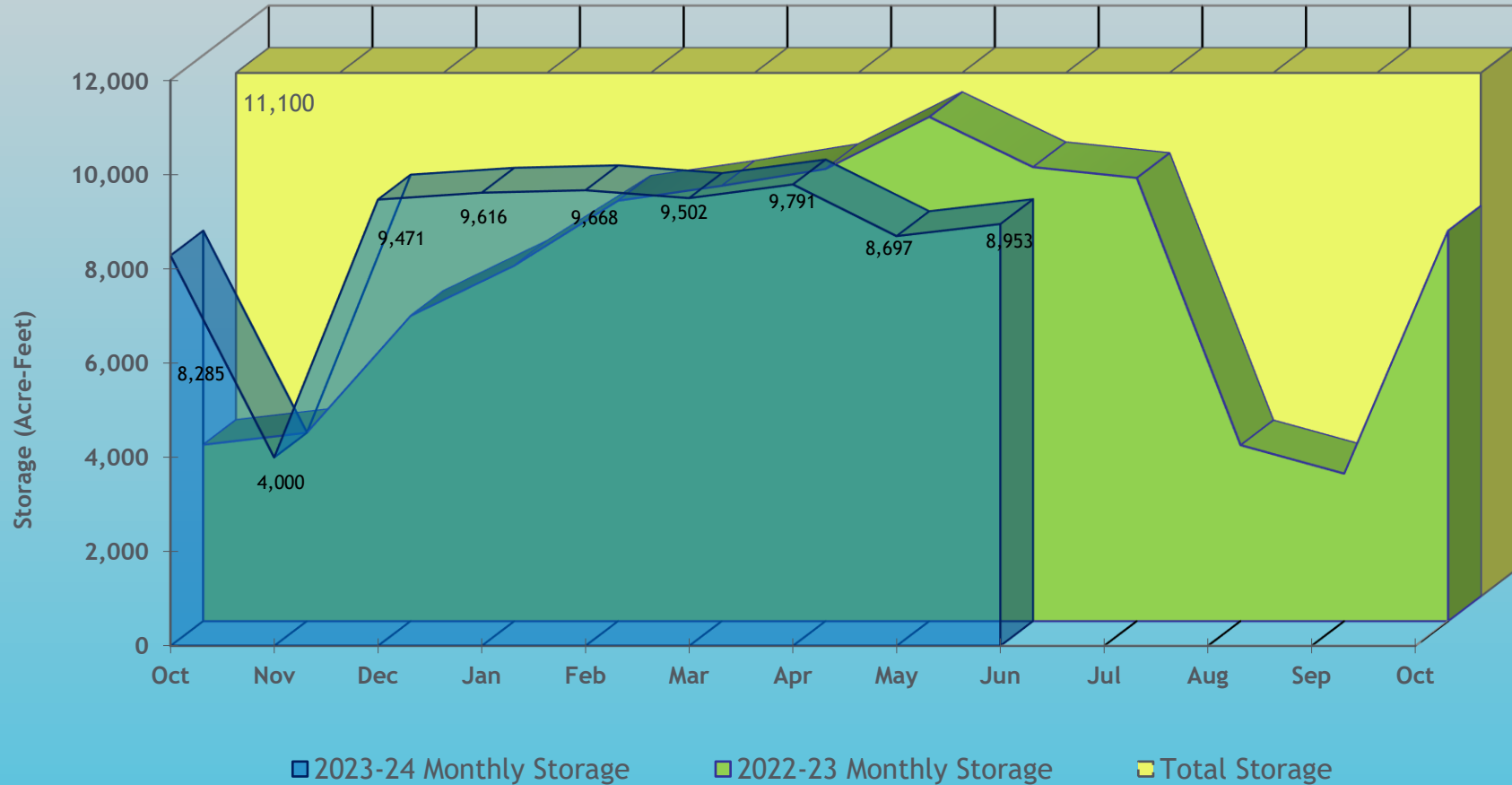
Cobb Reservoir

(District 3, Poudre River - Agricultural)



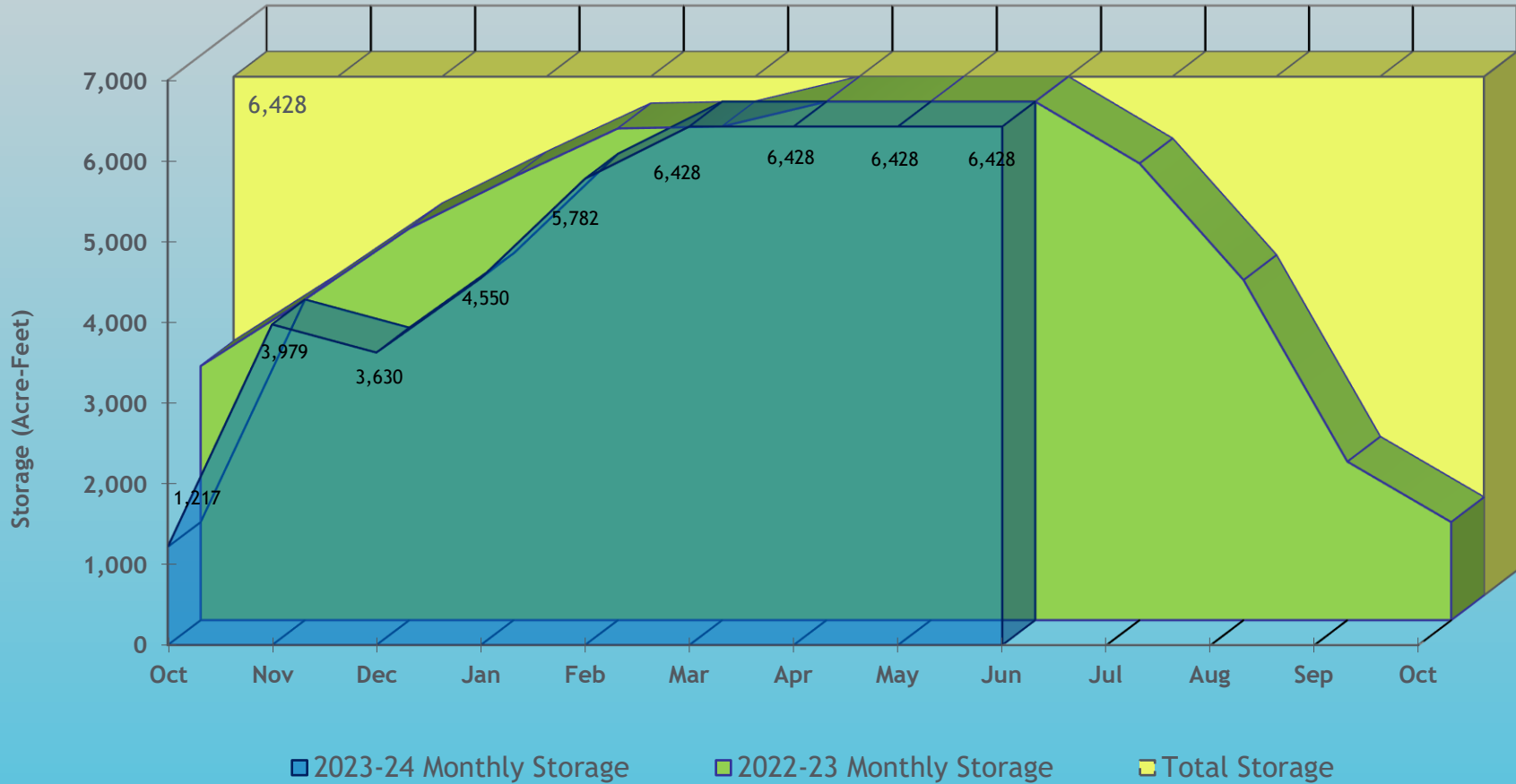
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)

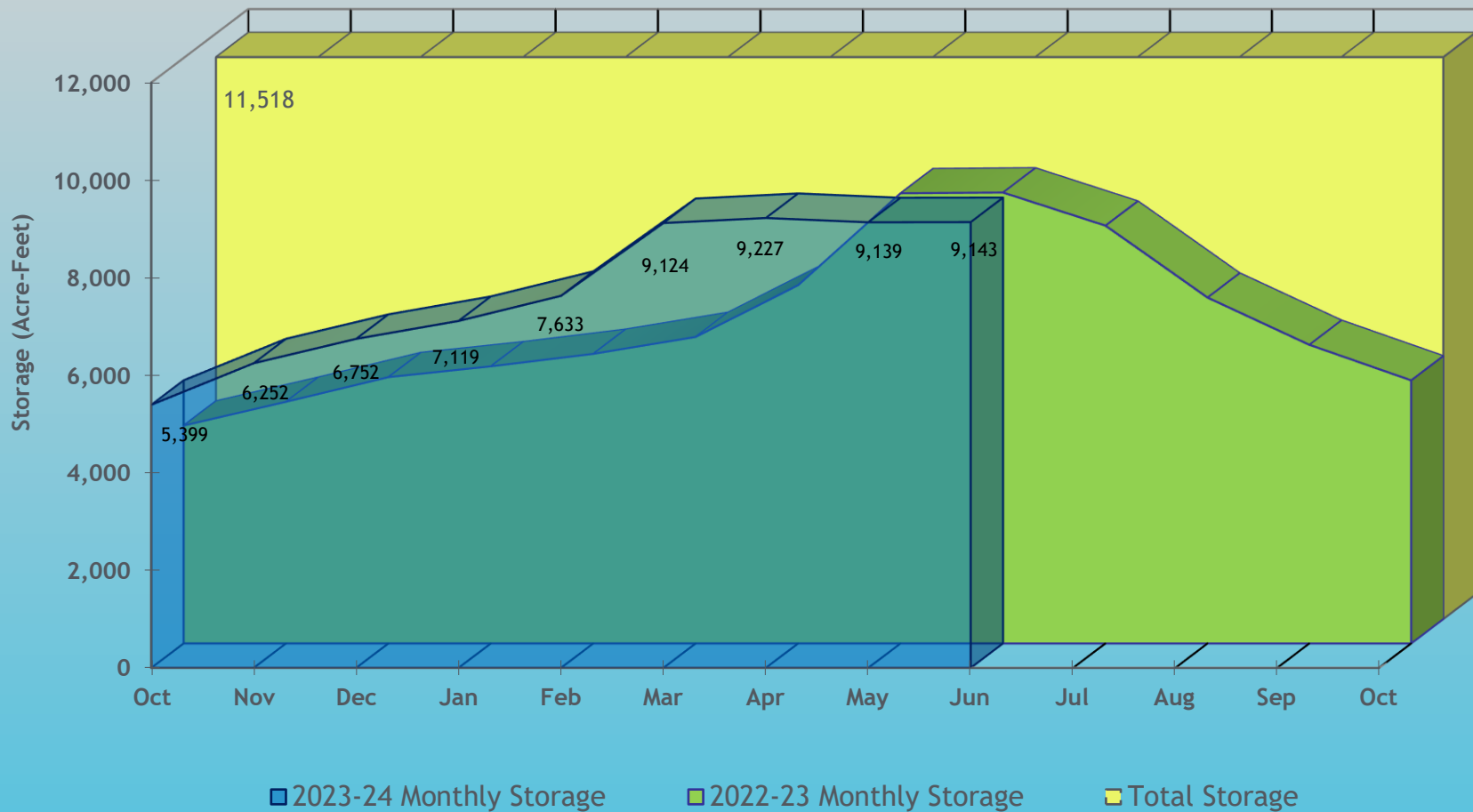


Halligan Reservoir

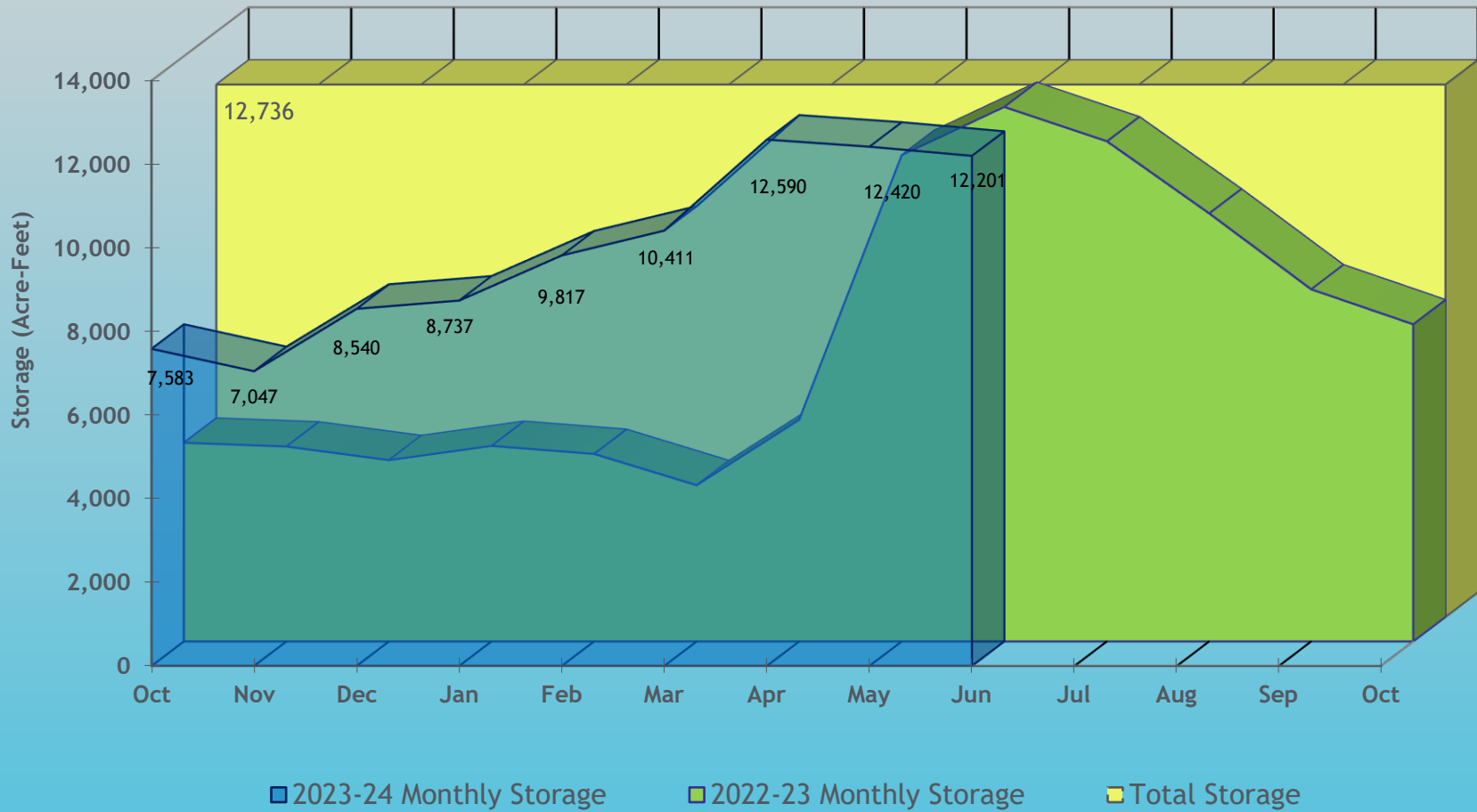
(District 3, Poudre River - Agricultural)



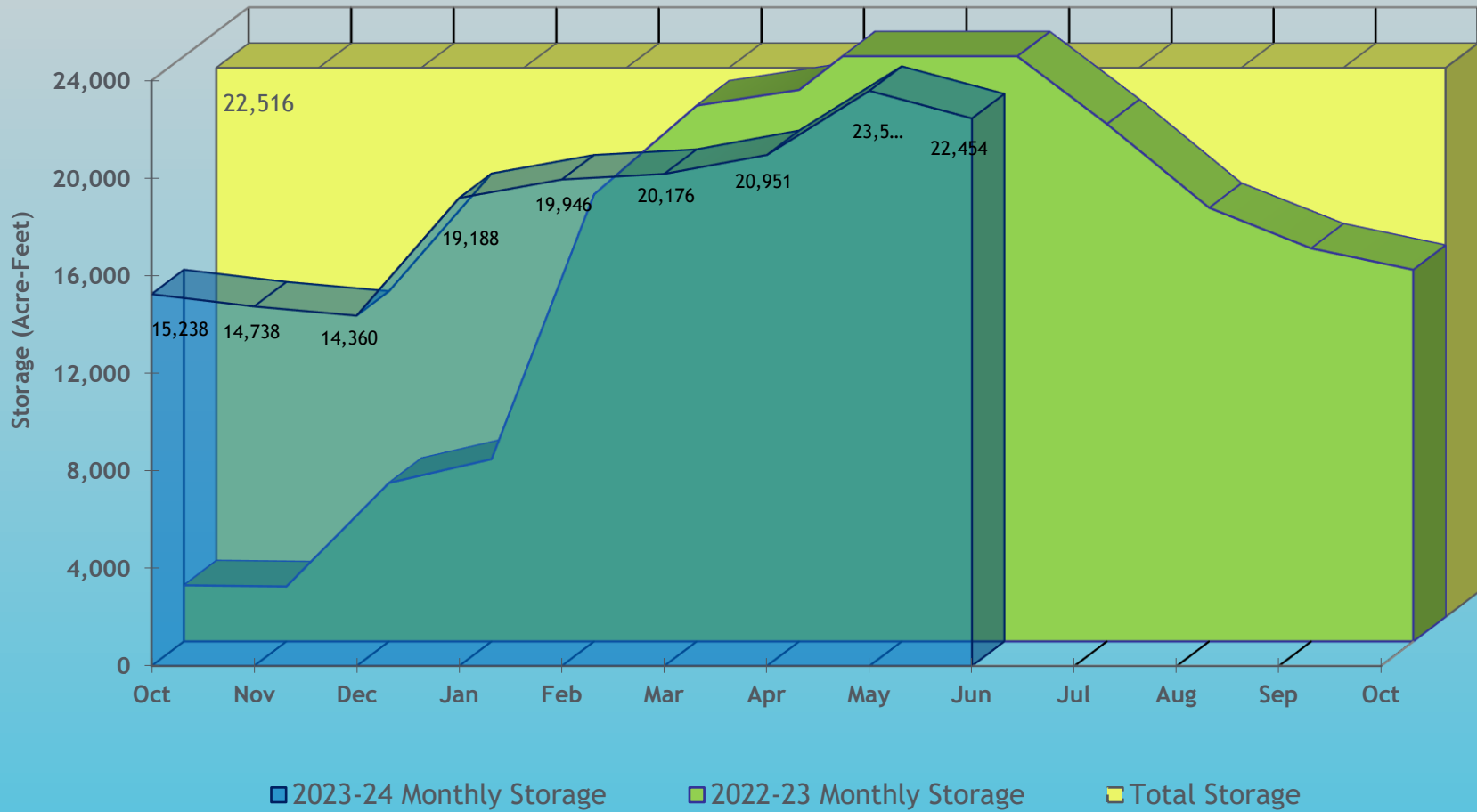
Marshall Lake (District 6, Boulder Creek - Agricultural)



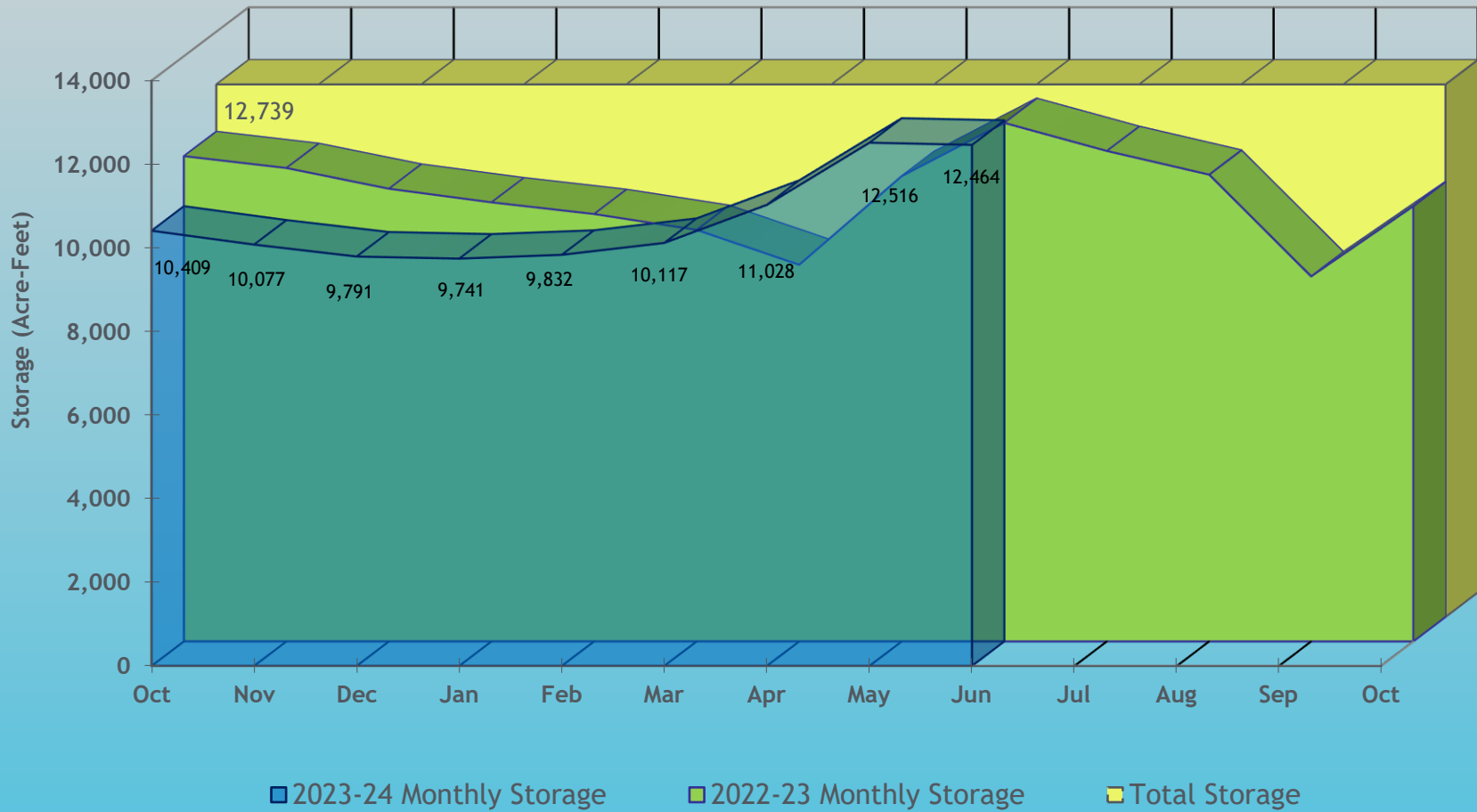
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



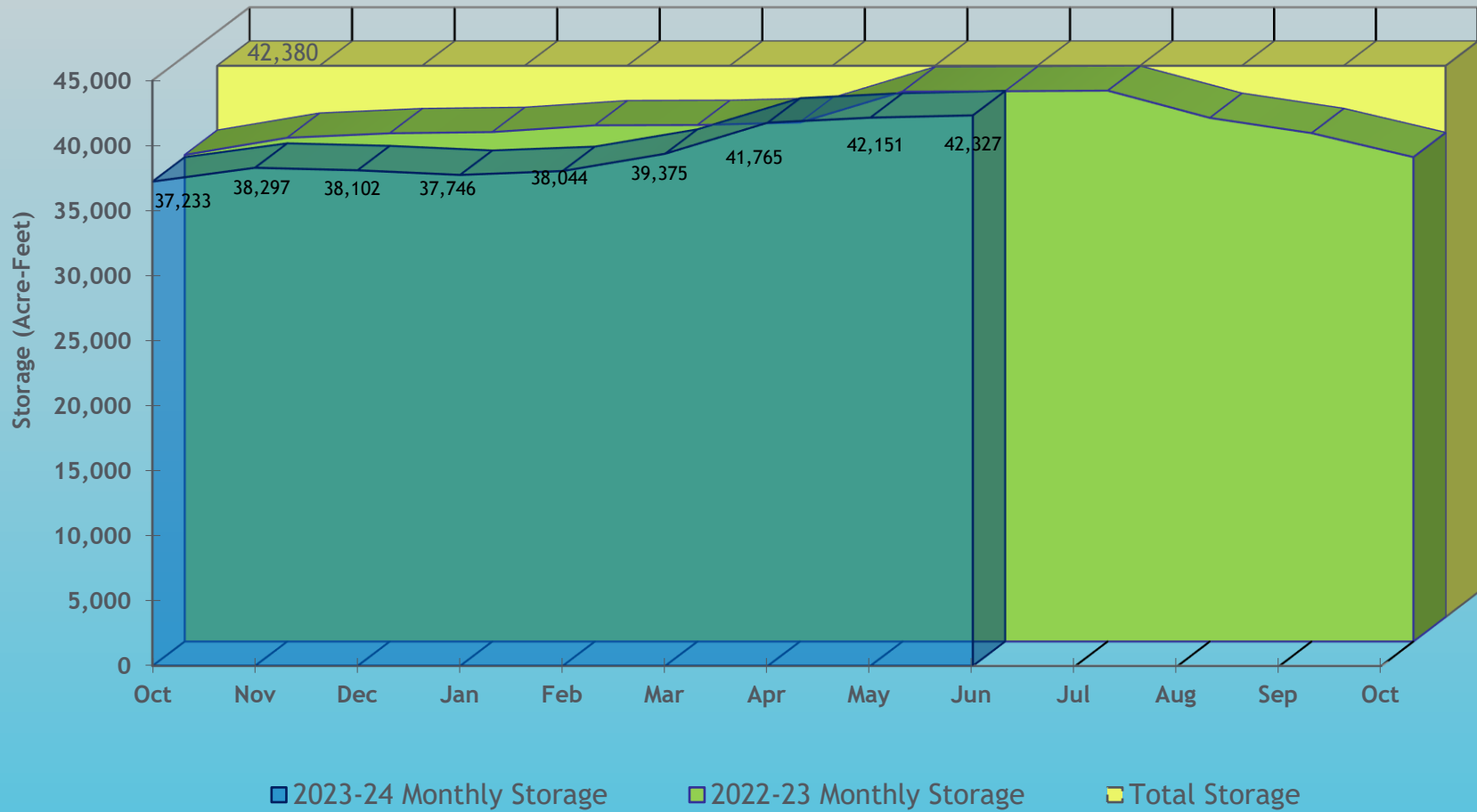
Milton Reservoir (District 2 - Agricultural)



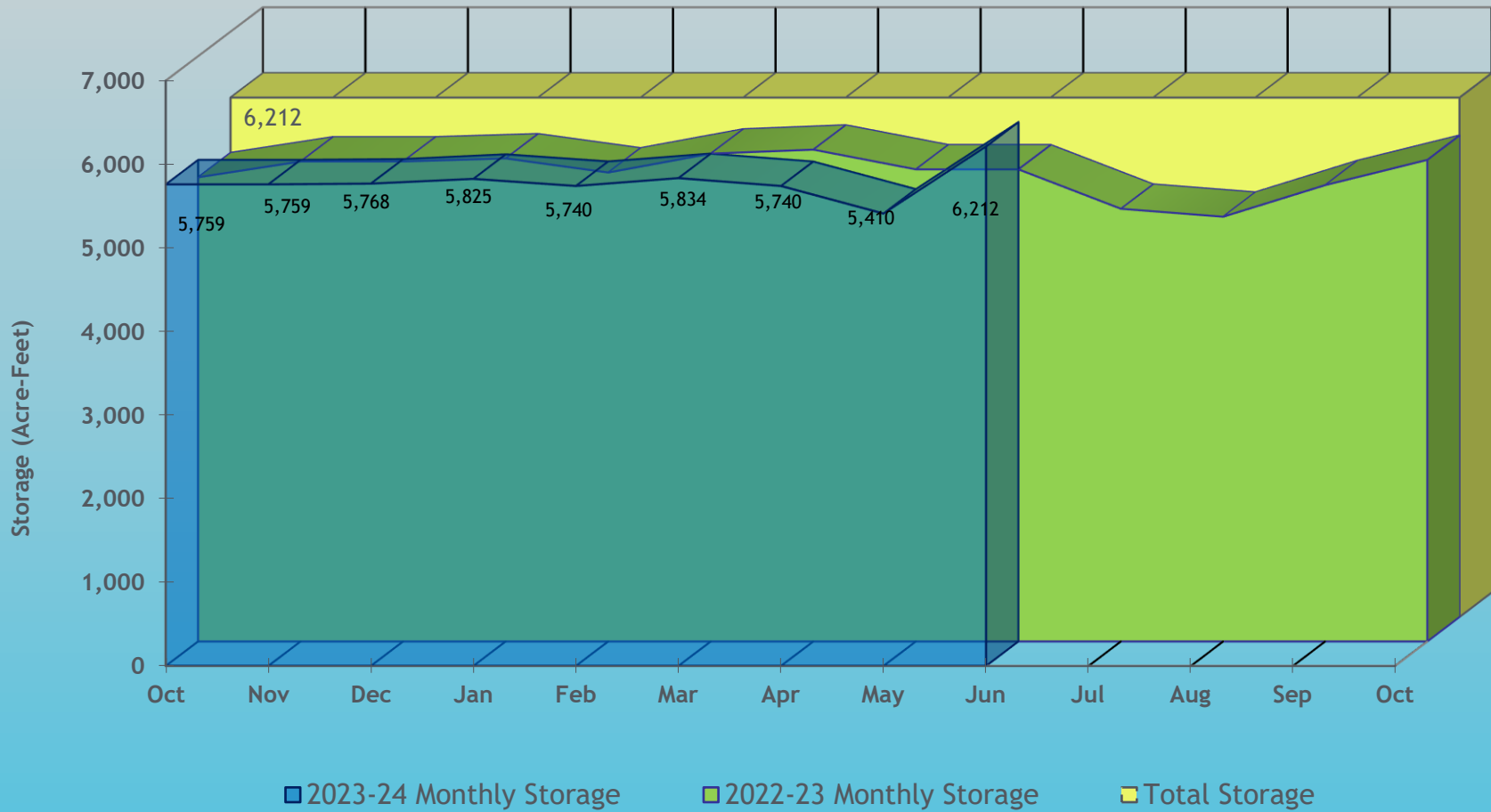
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



Standley Lake (Agricultural)

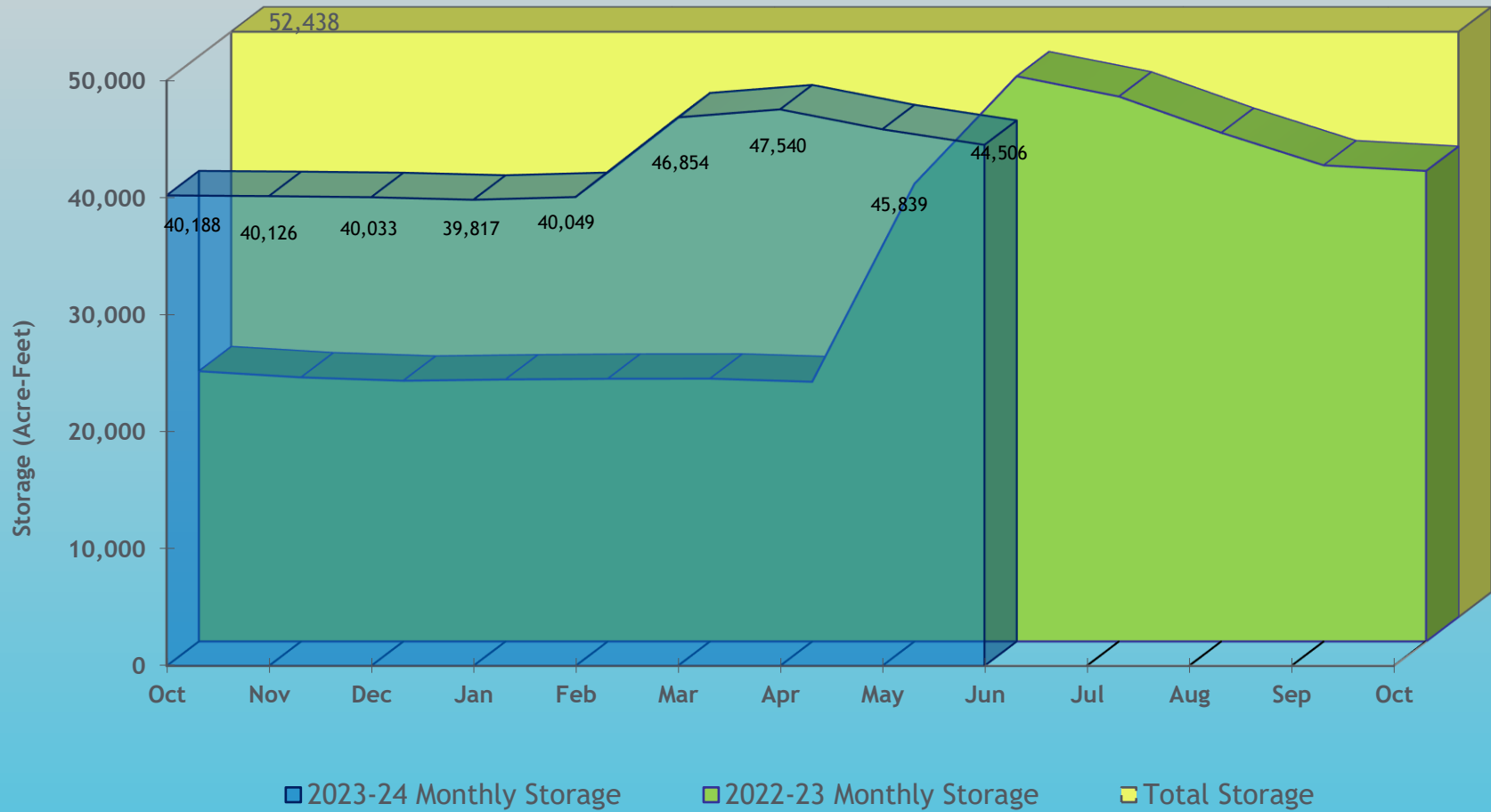


Lower Latham Reservoir (District 2 - Agricultural)

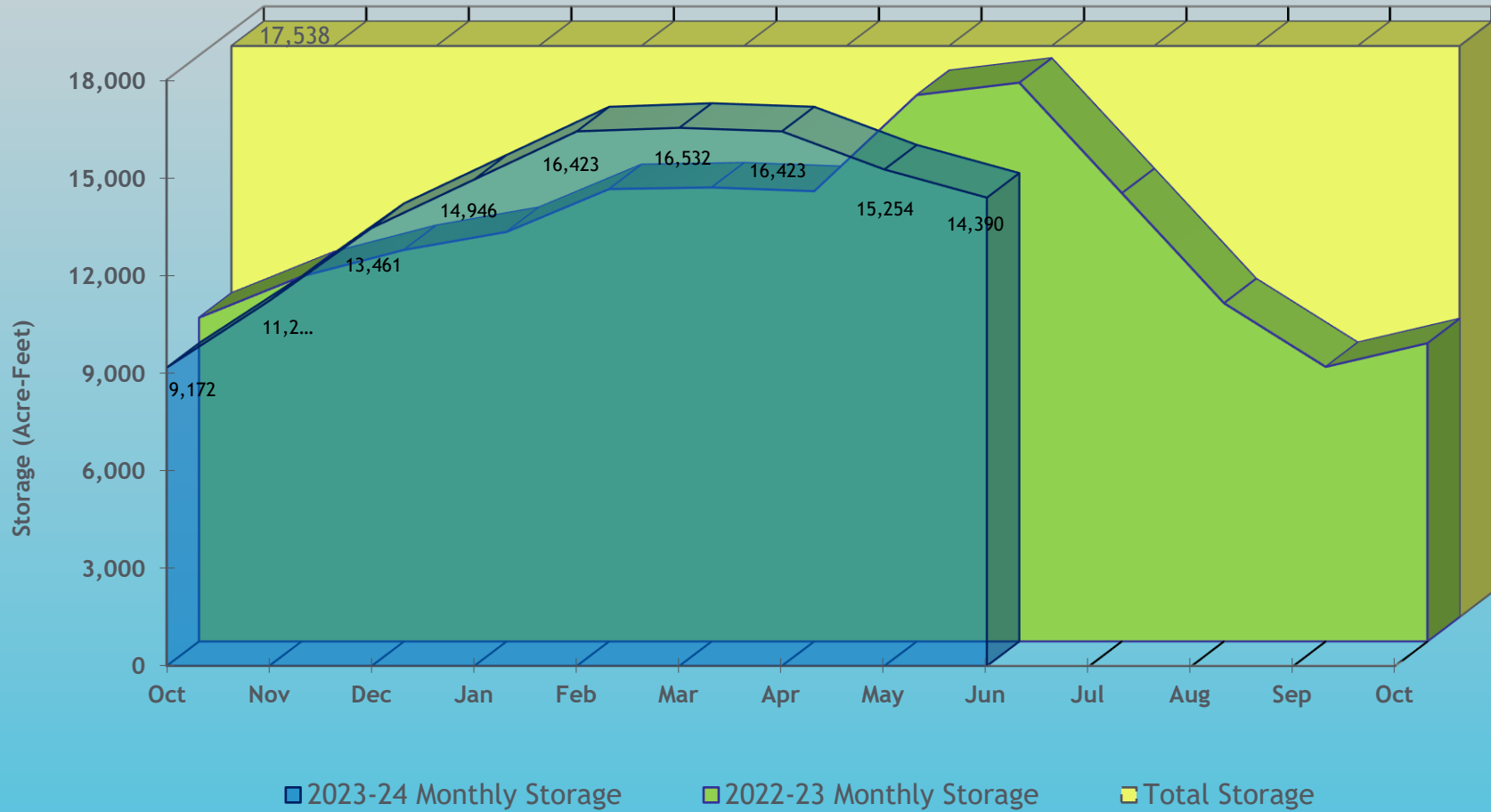


Boyd Lake

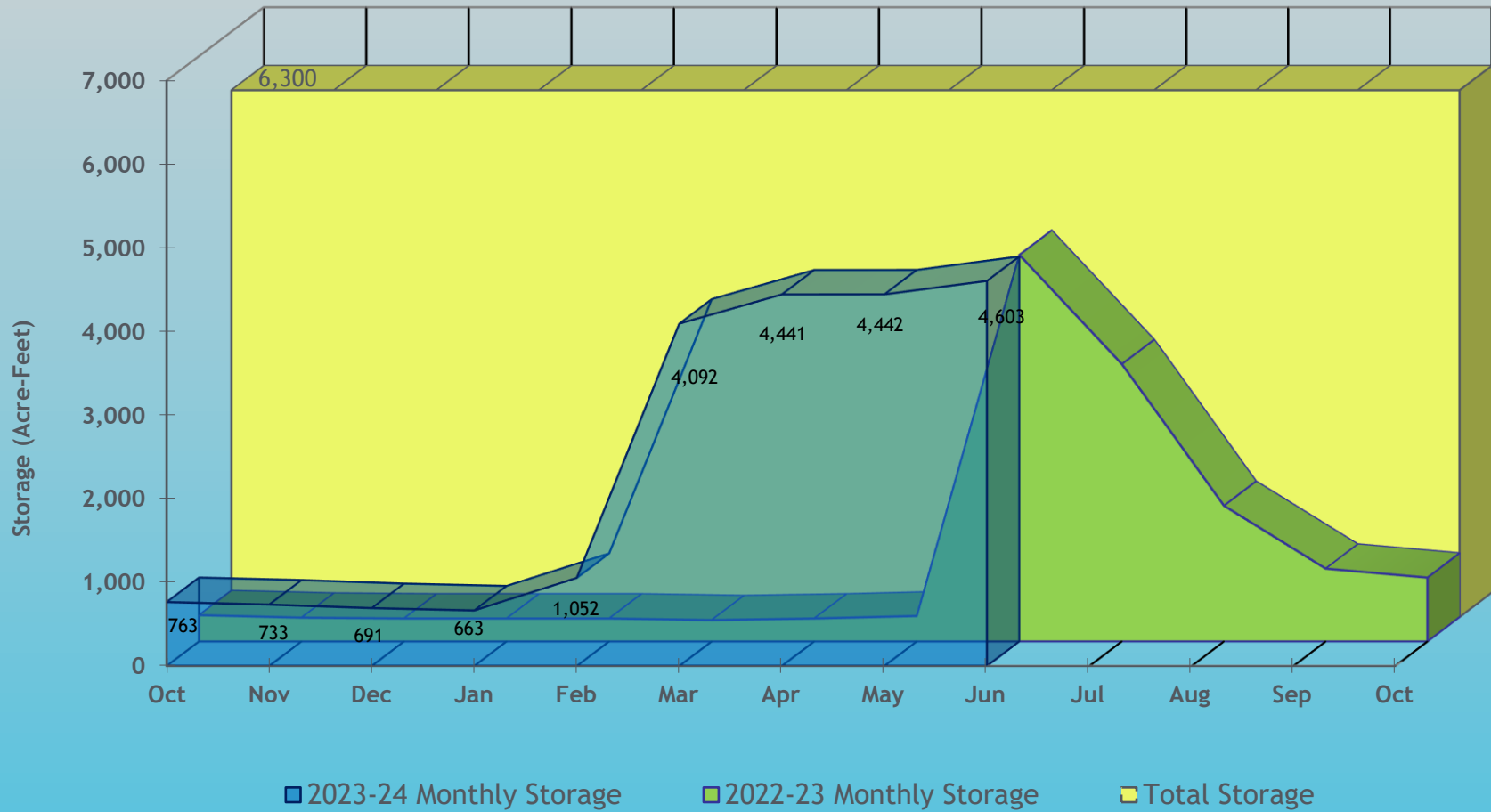
(District 4, Big Thompson River - Agricultural)



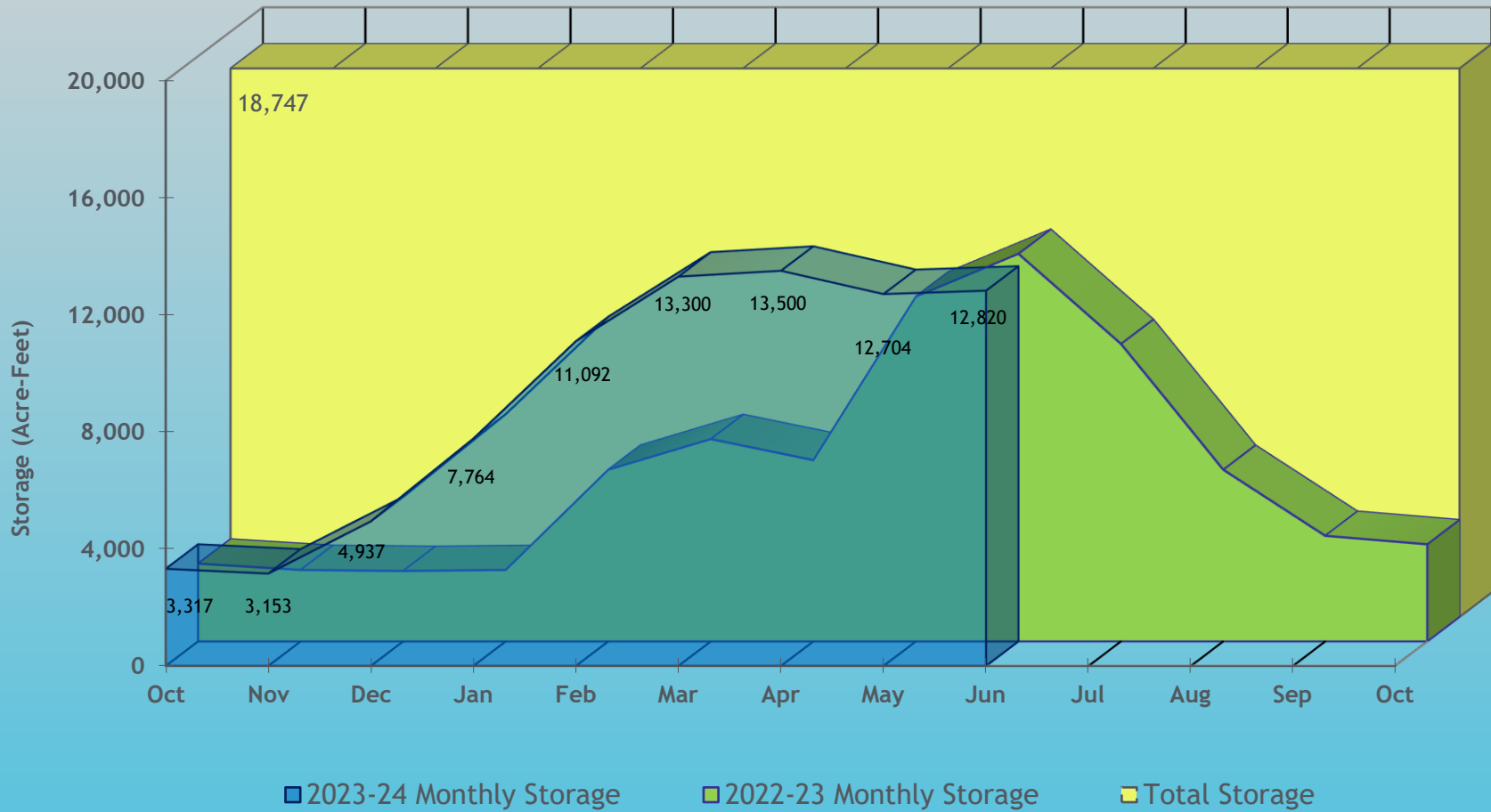
Windsor Reservoir (District 3, Poudre River - Agricultural)



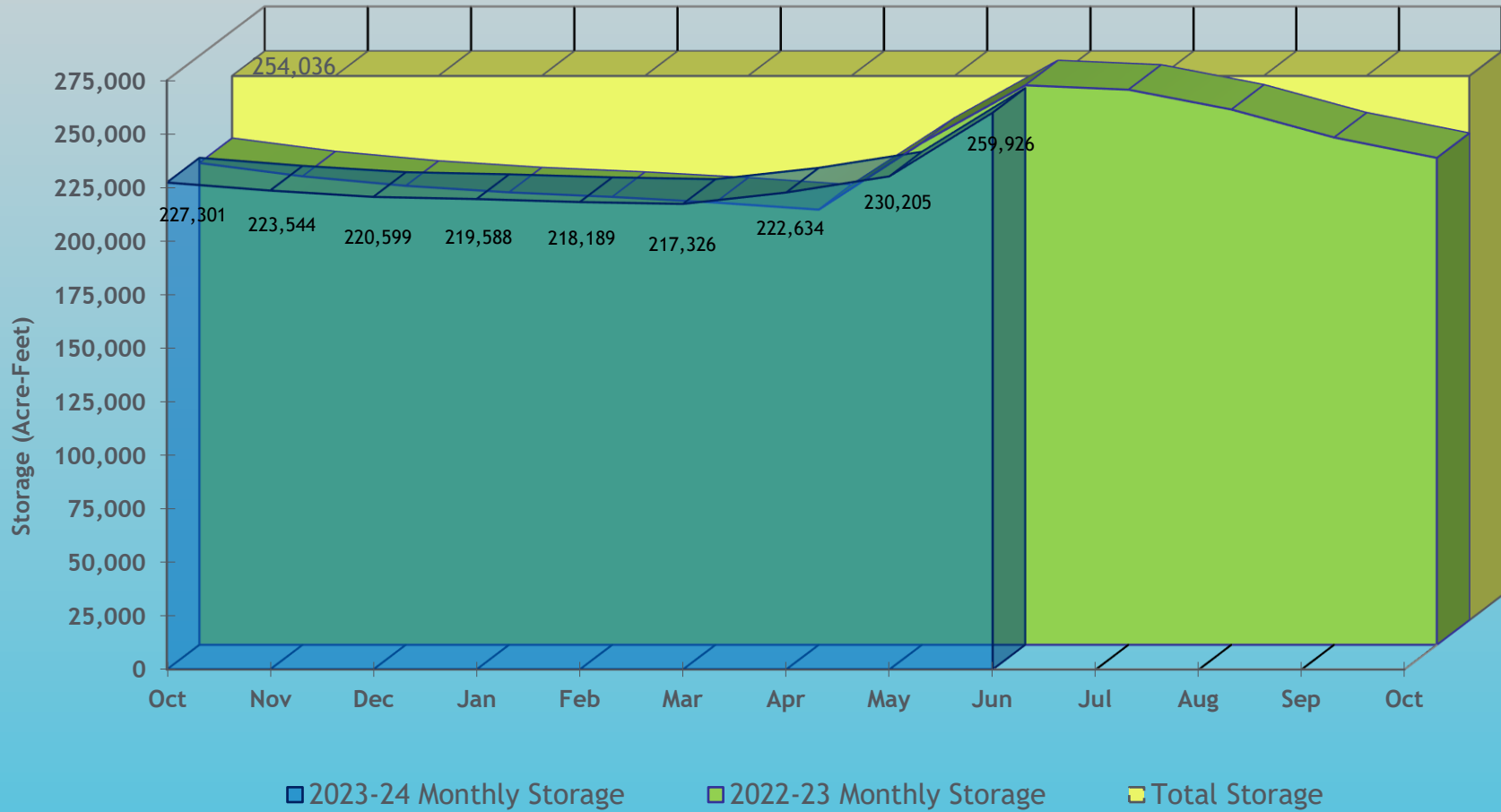
Prospect Reservoir (District 1 - Agricultural)



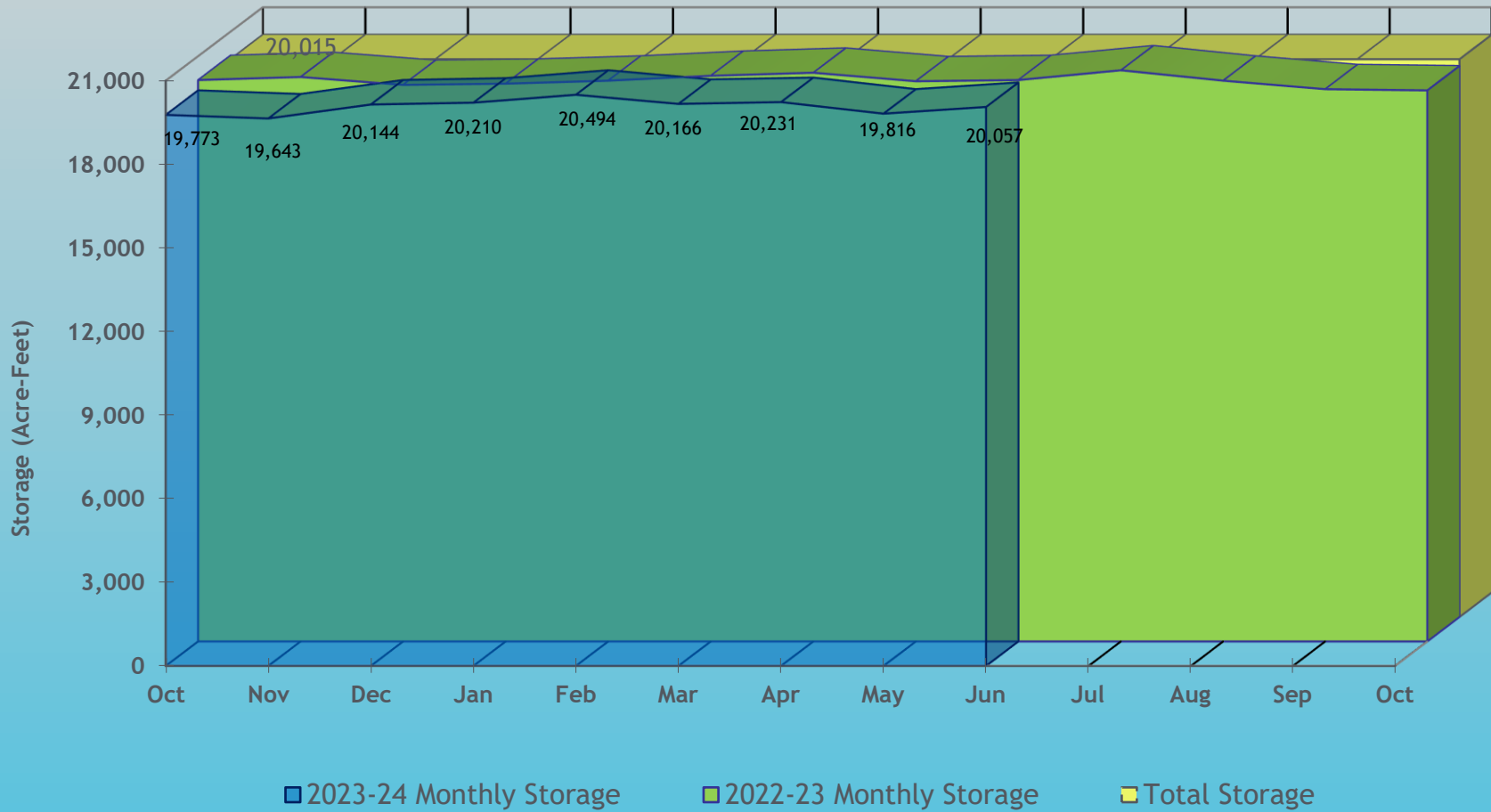
Horse Creek Reservoir (District 1 - Agricultural)



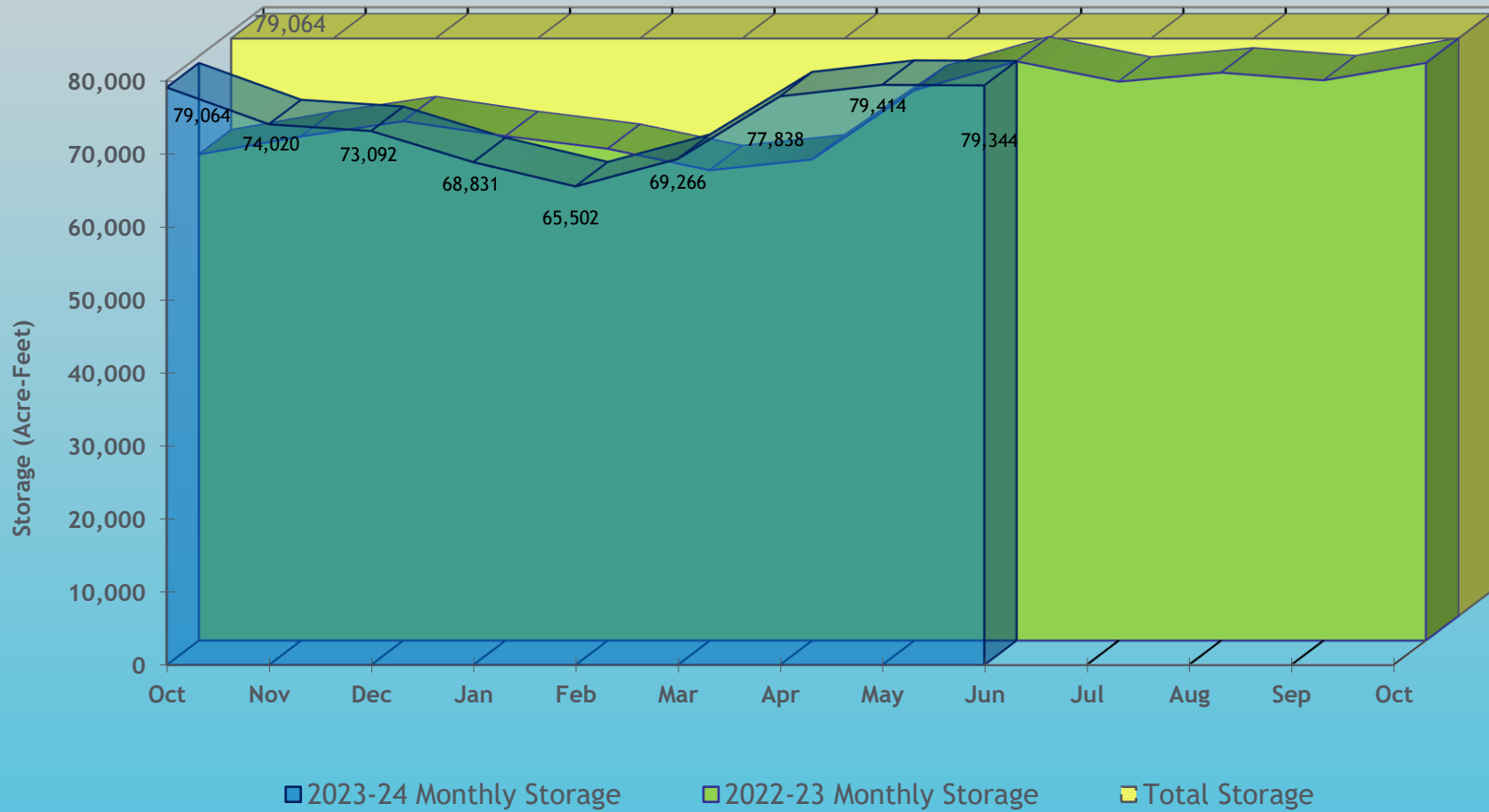
Dillon Reservoir (District 1 - Municipal)



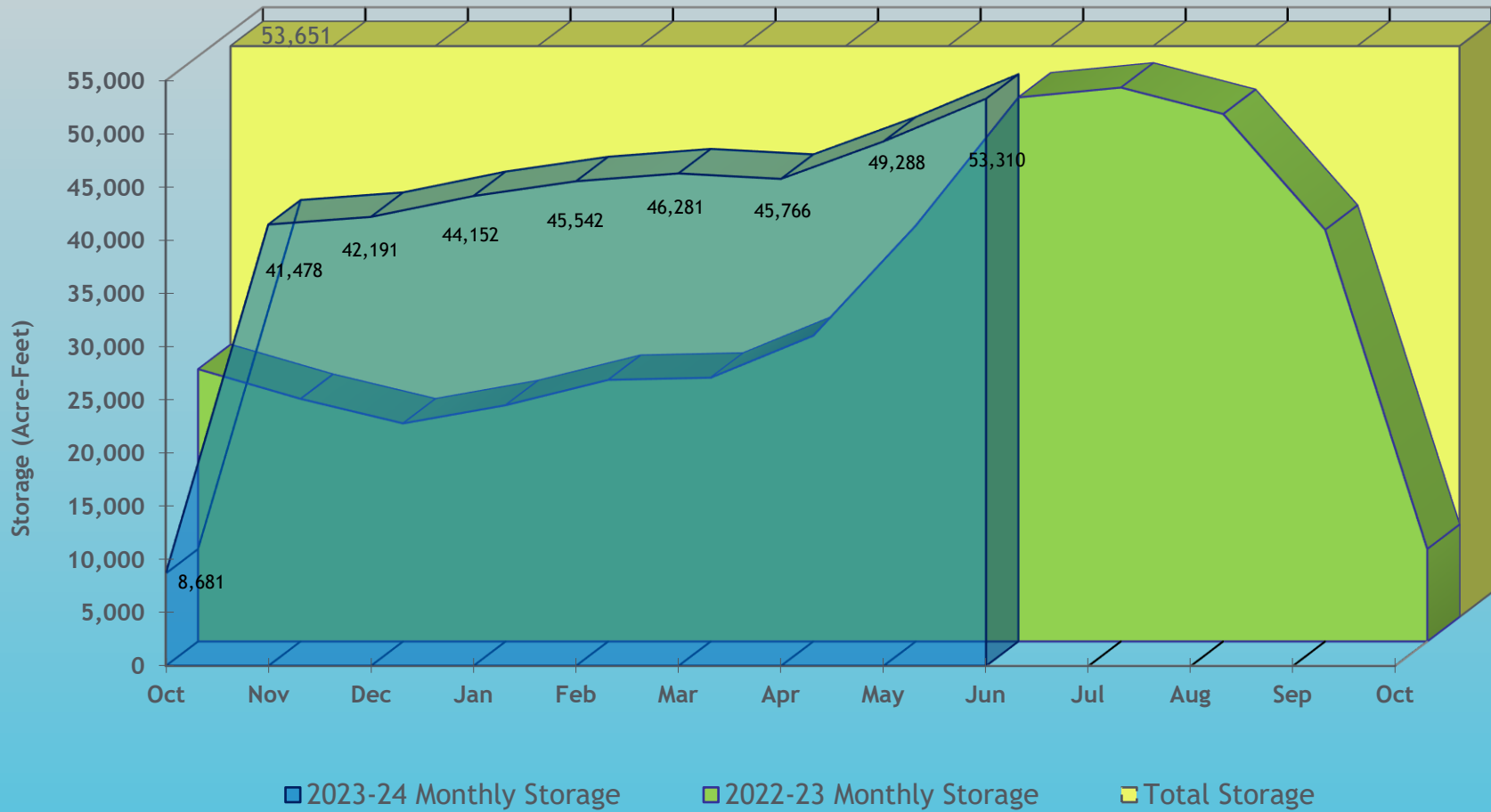
Antero Reservoir (District 23 - Municipal)



Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)

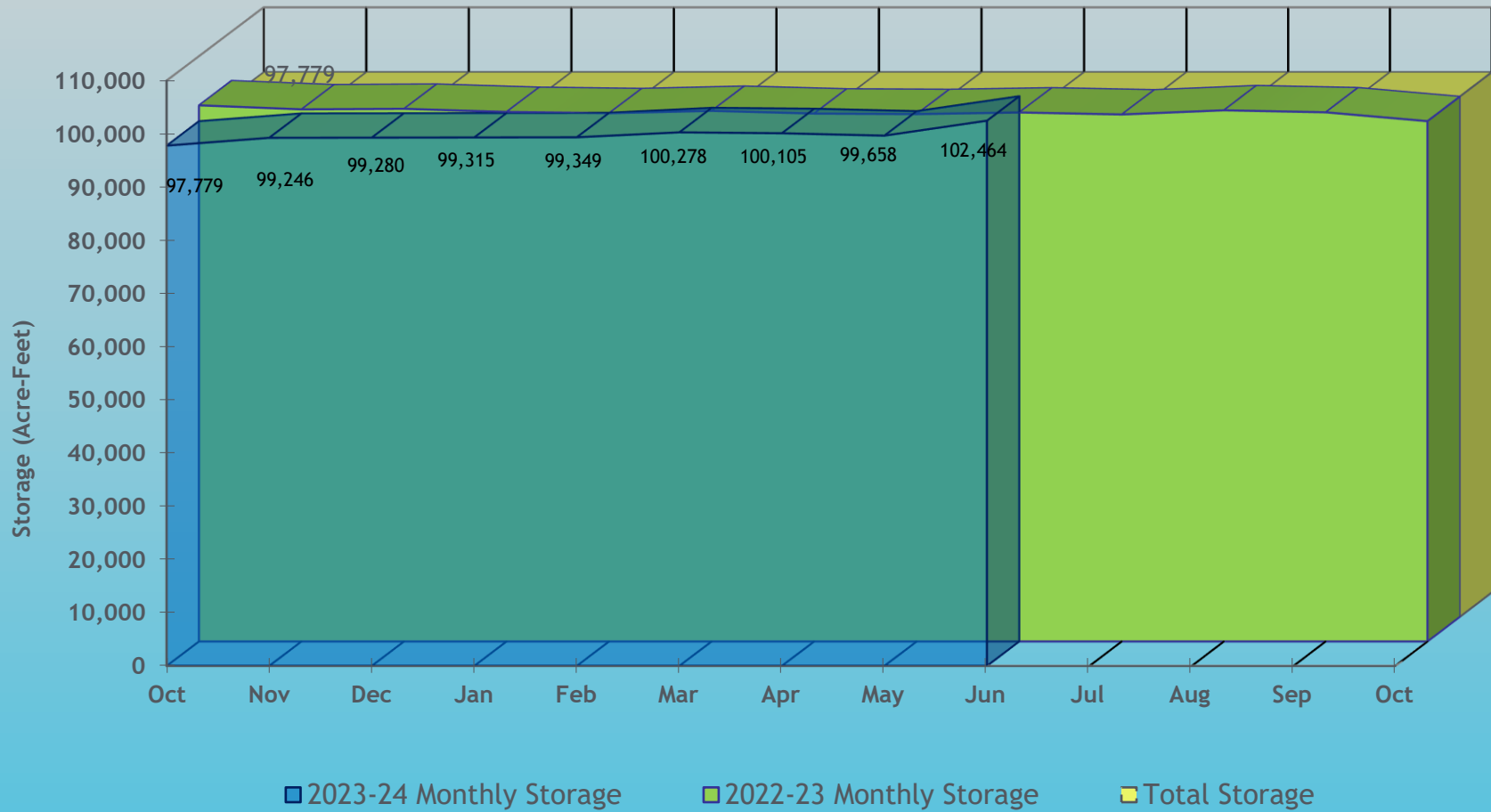


2023-24 Monthly Storage

2022-23 Monthly Storage

Total Storage

Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

