



COLORADO
Division of Water Resources
Department of Natural Resources

South Platte Summary December 2024

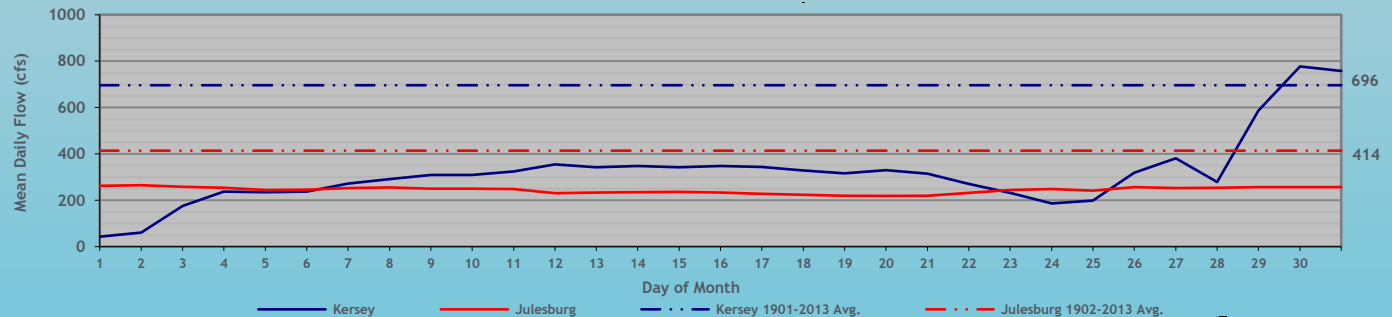
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

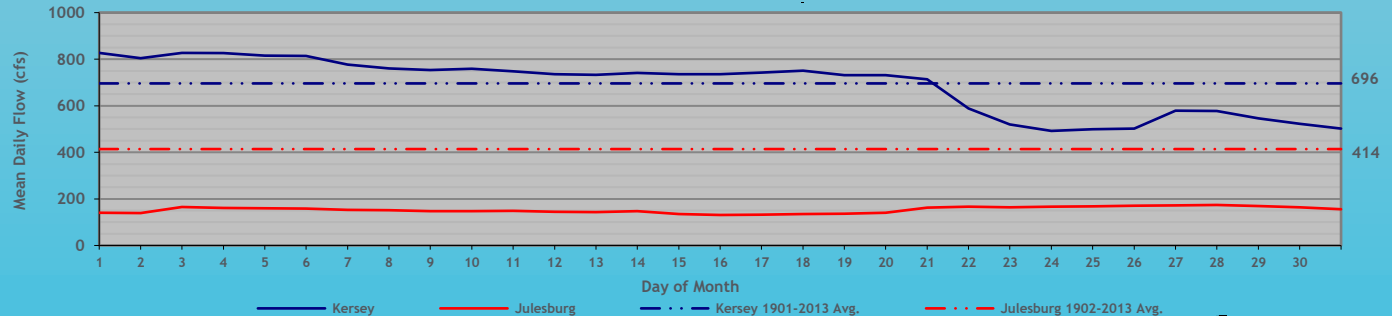
MONTH OF December 2024

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	15,997	16,070	64	73	0%	71%	71%	0
N STERLING	73,730	33,367	51,197	64	17,830	53%	69%	99%	0
PREWITT	28,500	15,109	13,849	64	-1,260	-8%	49%	99%	0
JACKSON	27,257	22,896	24,578	1	1,682	7%	90%	90%	0
EMPIRE	37,700	16,116	24,619	1	8,503	53%	65%	56%	0
RIVERSIDE	63,113	36,235	53,266	1	17,031	47%	84%	88%	0
BARR LAKE	32,152	5,760	12,761	2	7,001	122%	40%	64%	0
CHEESMAN	79,064	72,917	73,928	80	1,011	1%	94%	92%	0
ELEVEN MILE	97,779	100,105	100,450	23	345	0%	100%	100%	2,671
SPINNEY	53,651	28,960	26,981	23	-1,979	-7%	50%	79%	0
ANTERO	20,015	18,418	18,669	23	251	1%	93%	100%	0

KERSEY and JULESBURG
December 2023

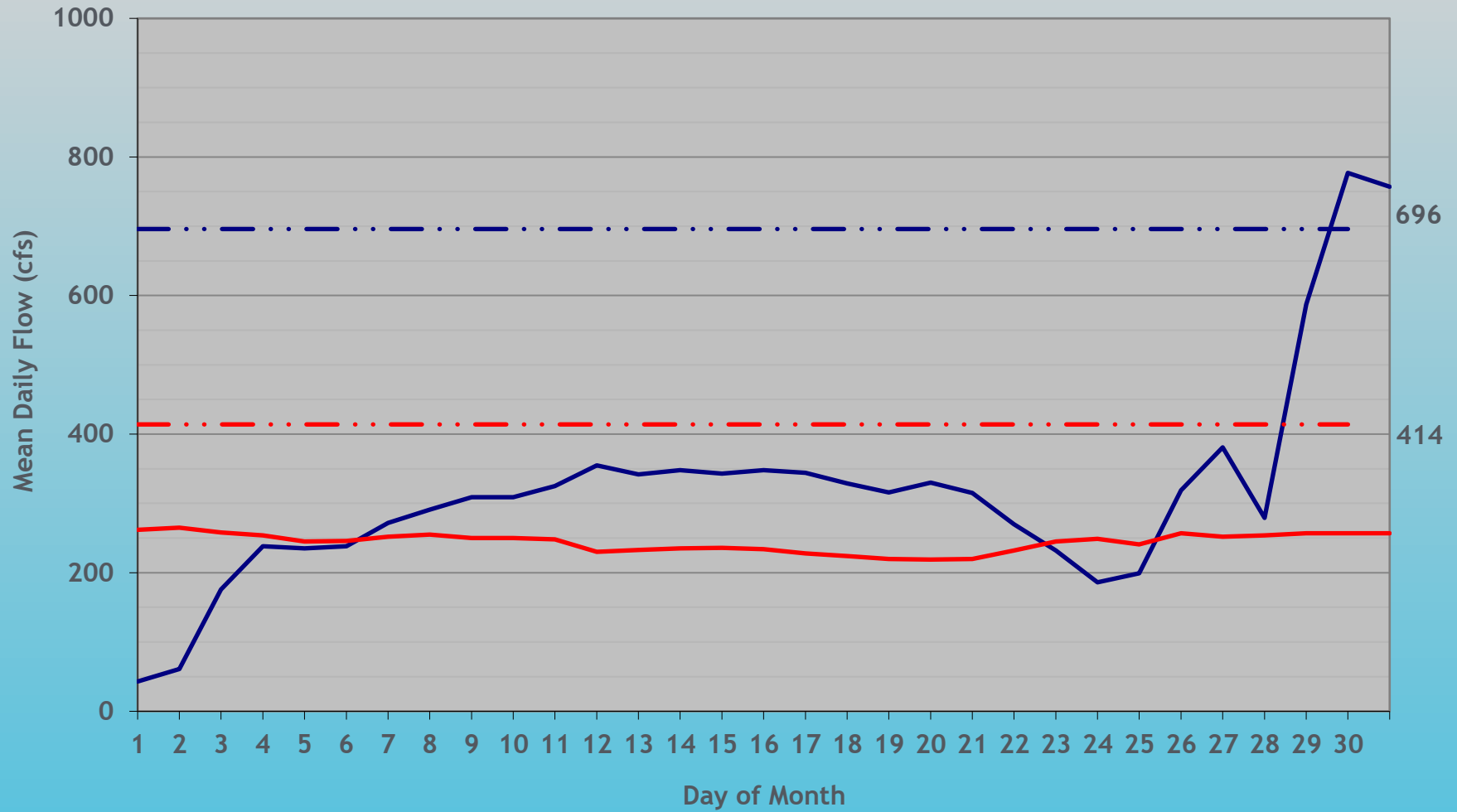


KERSEY and JULESBURG
December 2024



KERSEY and JULESBURG

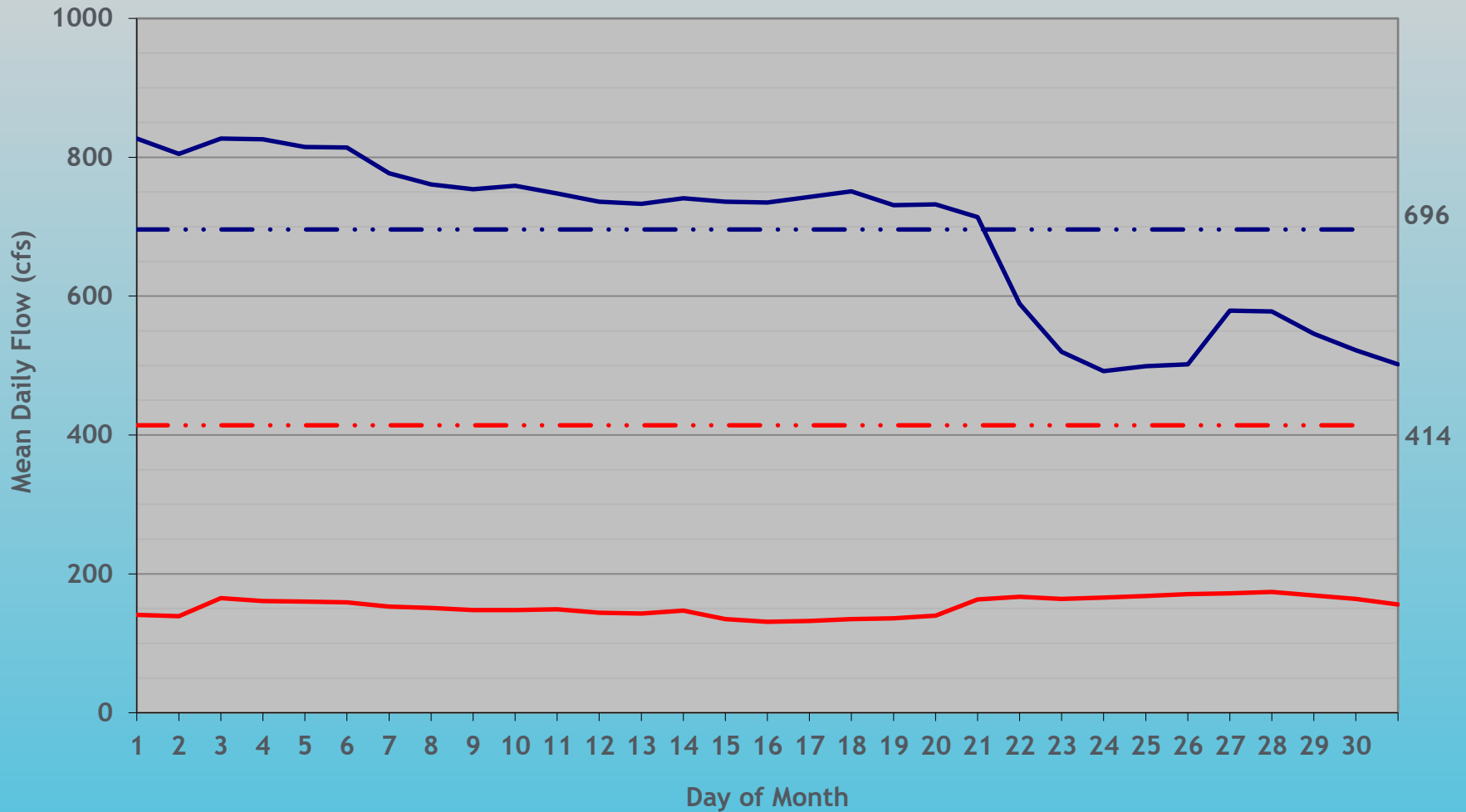
December 2023



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

KERSEY and JULESBURG

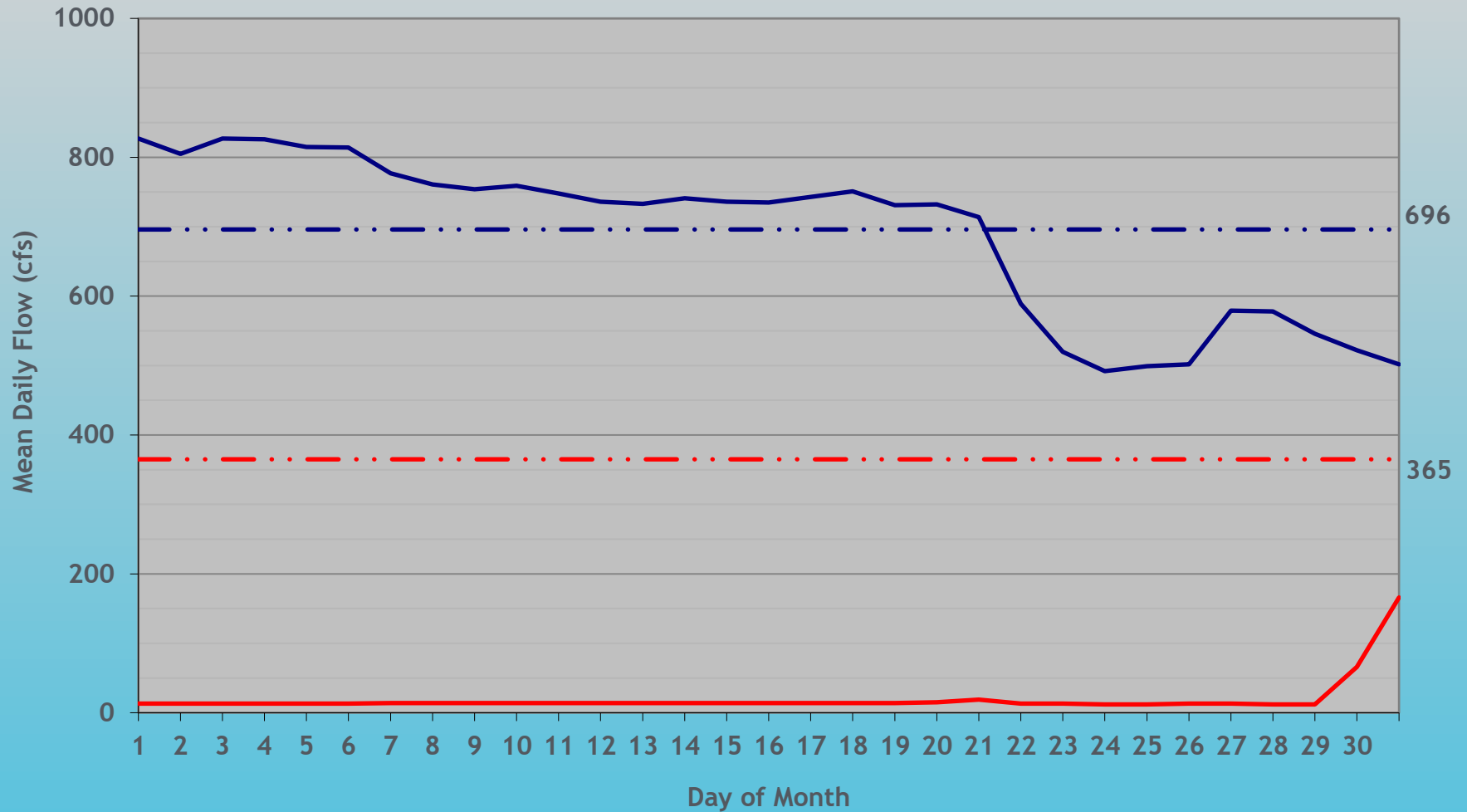
December 2024



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

KERSEY and BALZAC

December 2024



— Kersey

— Balzac

· Kersey 1901-2013 Avg.

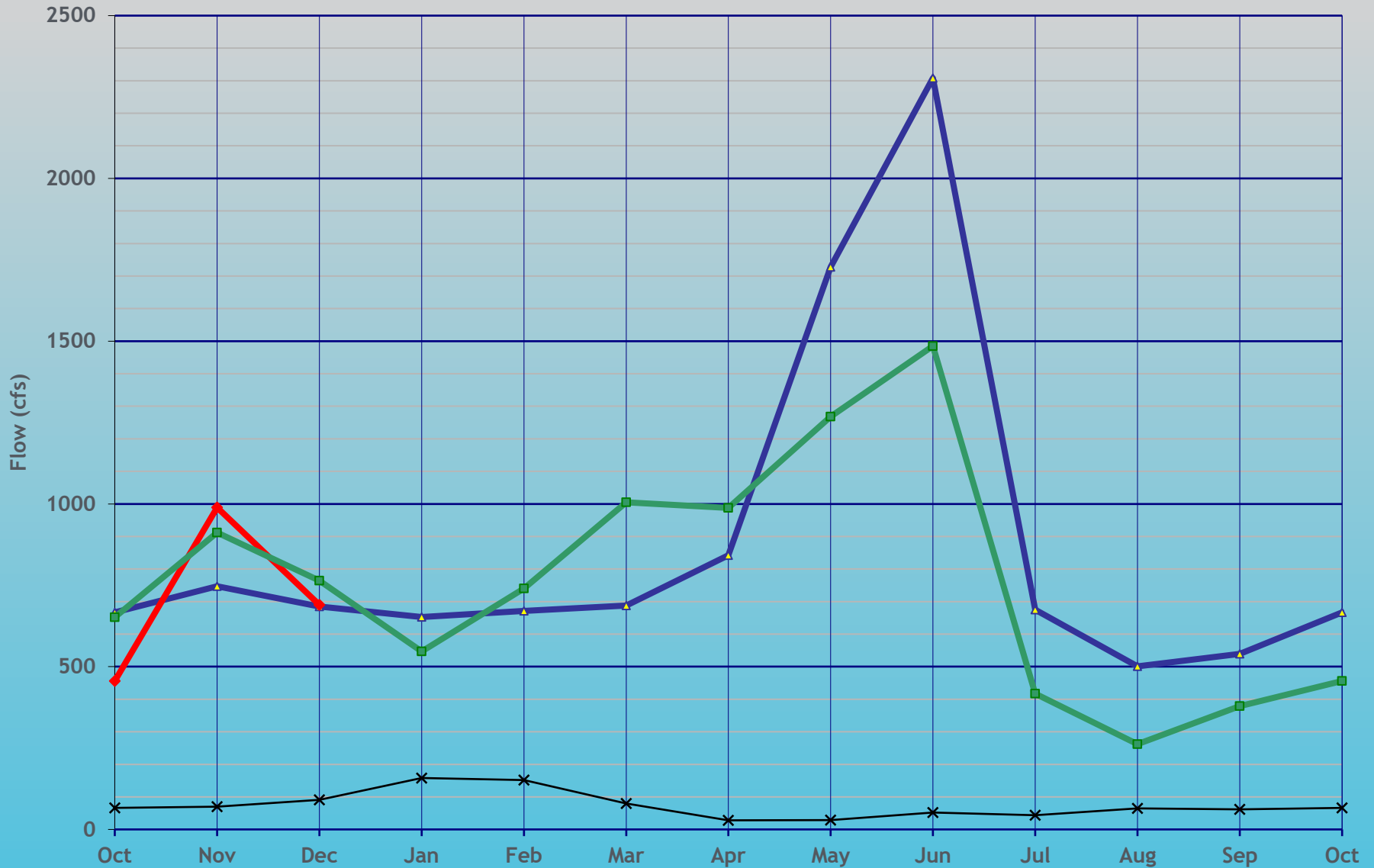
· Balzac 1917-2013 Avg.

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 2025 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2025 Mean Monthly Flow
Oct	667	6180	1984	66	1954	456	Oct	299	3130	1984	4.2	1903	17
Nov	747	3650	1984	70	1934	989	Nov	335	2900	1984	4.2	1903	63
Dec	685	1890	1961	91	1934	690	Dec	401	1820	1984	13	2002	153
Jan	652	2160	1974	158	1935		Jan	512	2510	1970	21	2003	
Feb	671	3060	1914	152	1935		Feb	578	3220	1930	29	2005	
Mar	688	3470	1983	80	1935		Mar	512	12900	1910	15	1904	
Apr	842	18100	1942	28	1955		Apr	514	14400	1942	4.0	1904	
May	1728	26100	1973	29	1955		May	994	18100	1973	12	1911	
Jun	2308	31000	1921	52	1954		Jun	1426	30800	1921	2.0	1910	
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

—x— Historic* Min Flow

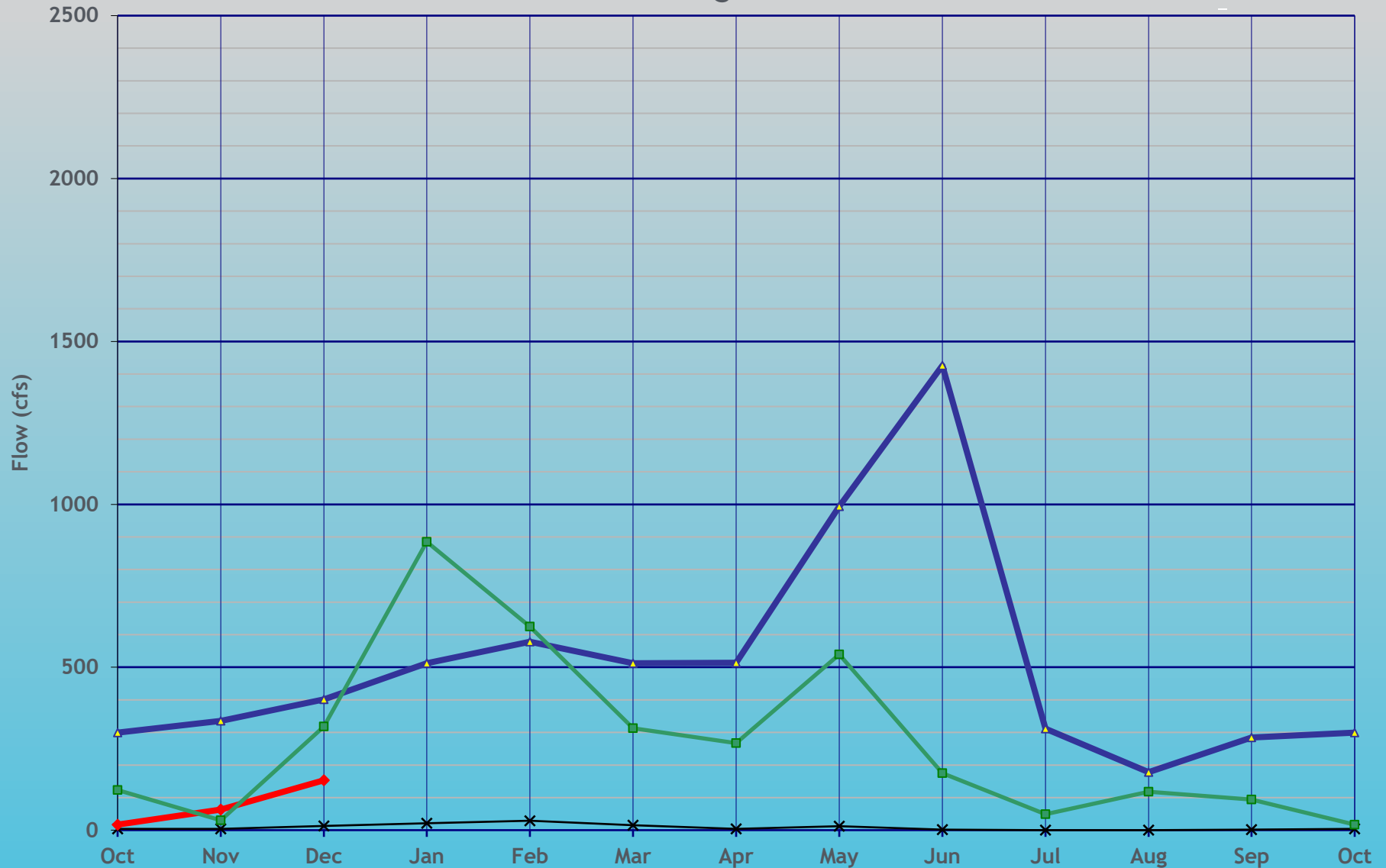
—◆— 2024-2025 Mean Flow

—■— 2023-2024 Mean Flow

*1901-2021

South Platte River at Julesburg

Irrigation Year



Historic* Mean Flow

Historic* Min Flow

2024-2025 Mean Flow

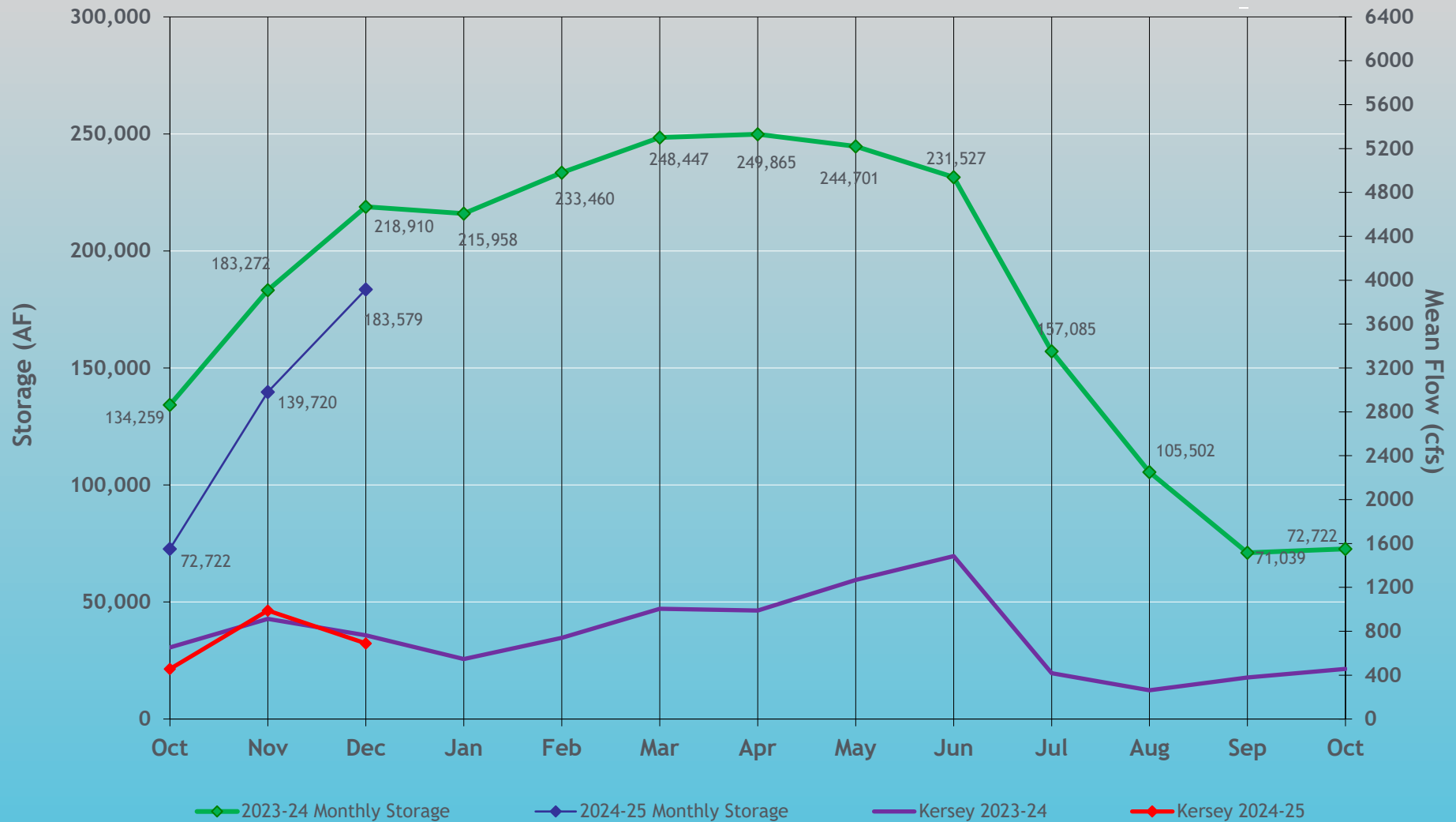
2023-2024 Mean Flow

*1901-2021



Reservoir Storage below Kersey

Selected Reservoirs*

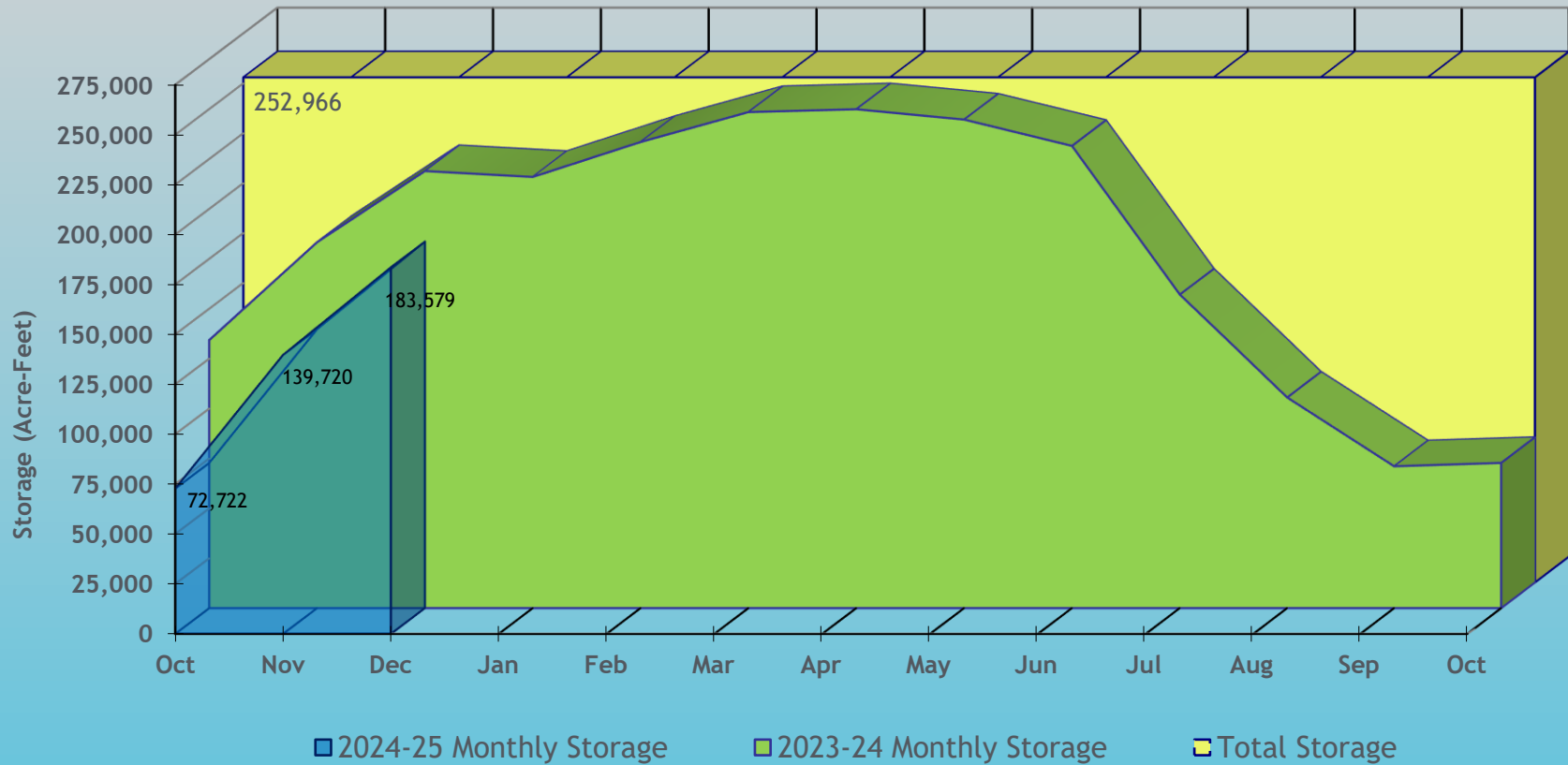


*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg



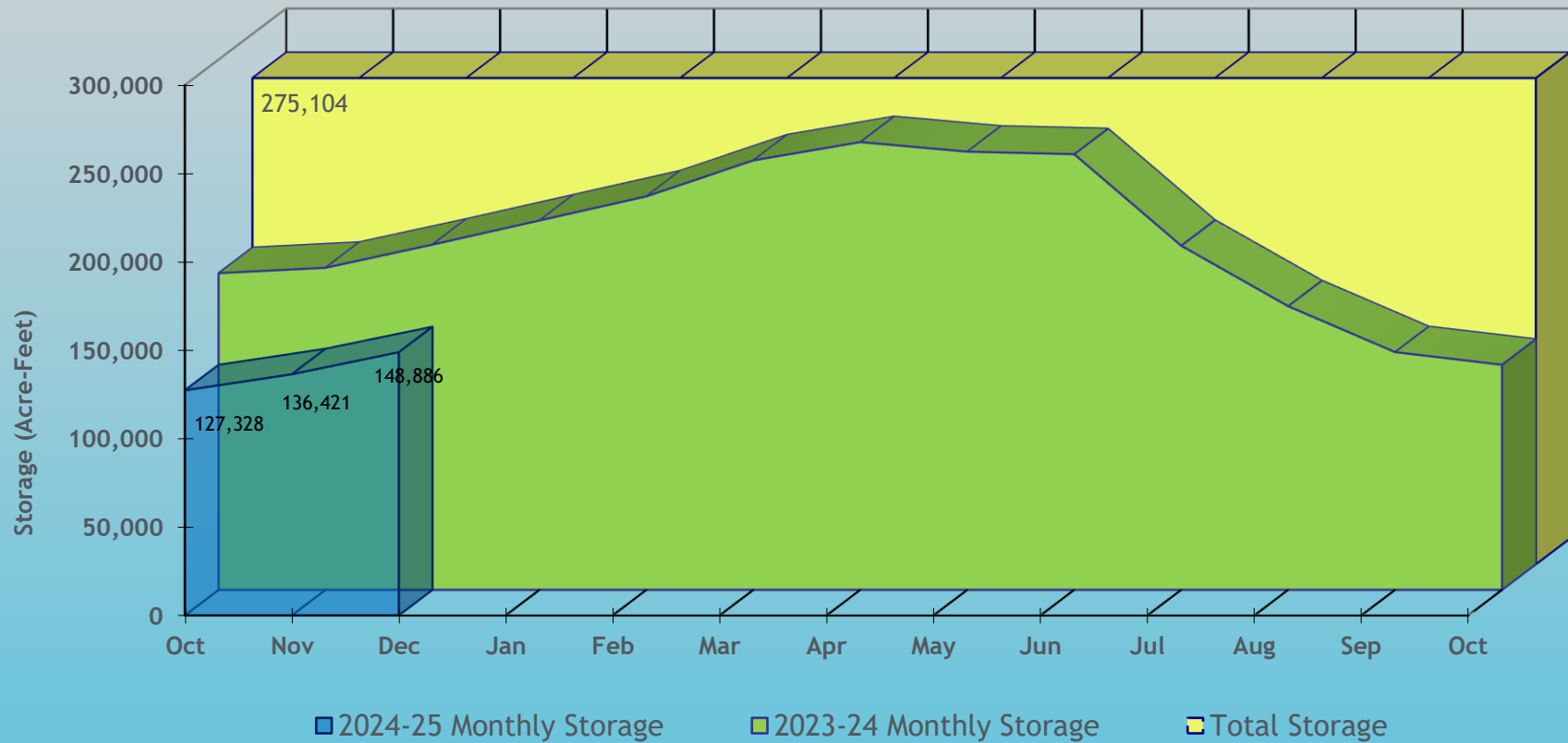
COLORADO
Department of
Natural Resources

South Platte Reservoir Storage below Kersey*



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

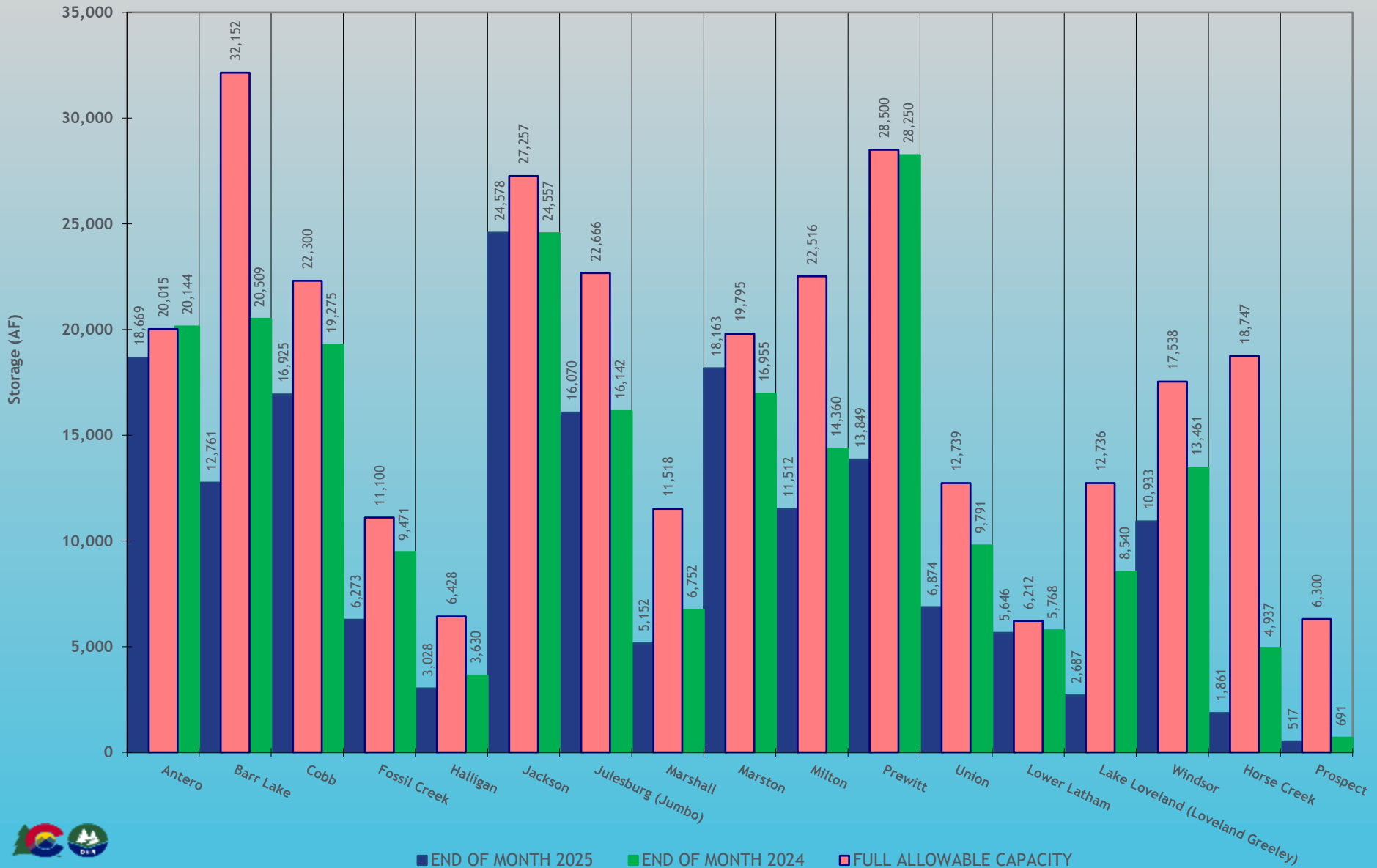
South Platte Reservoir Storage above Kersey*



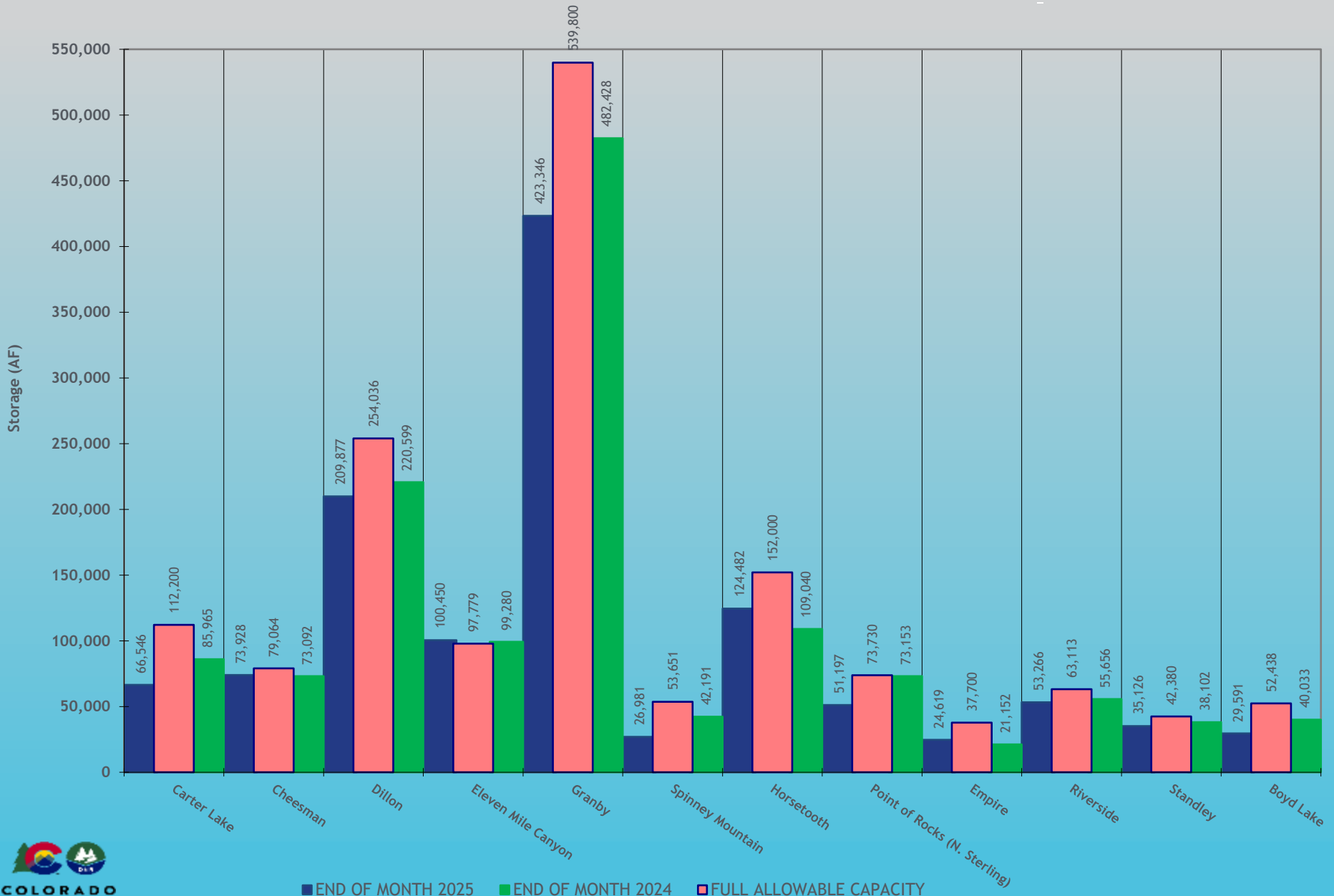
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



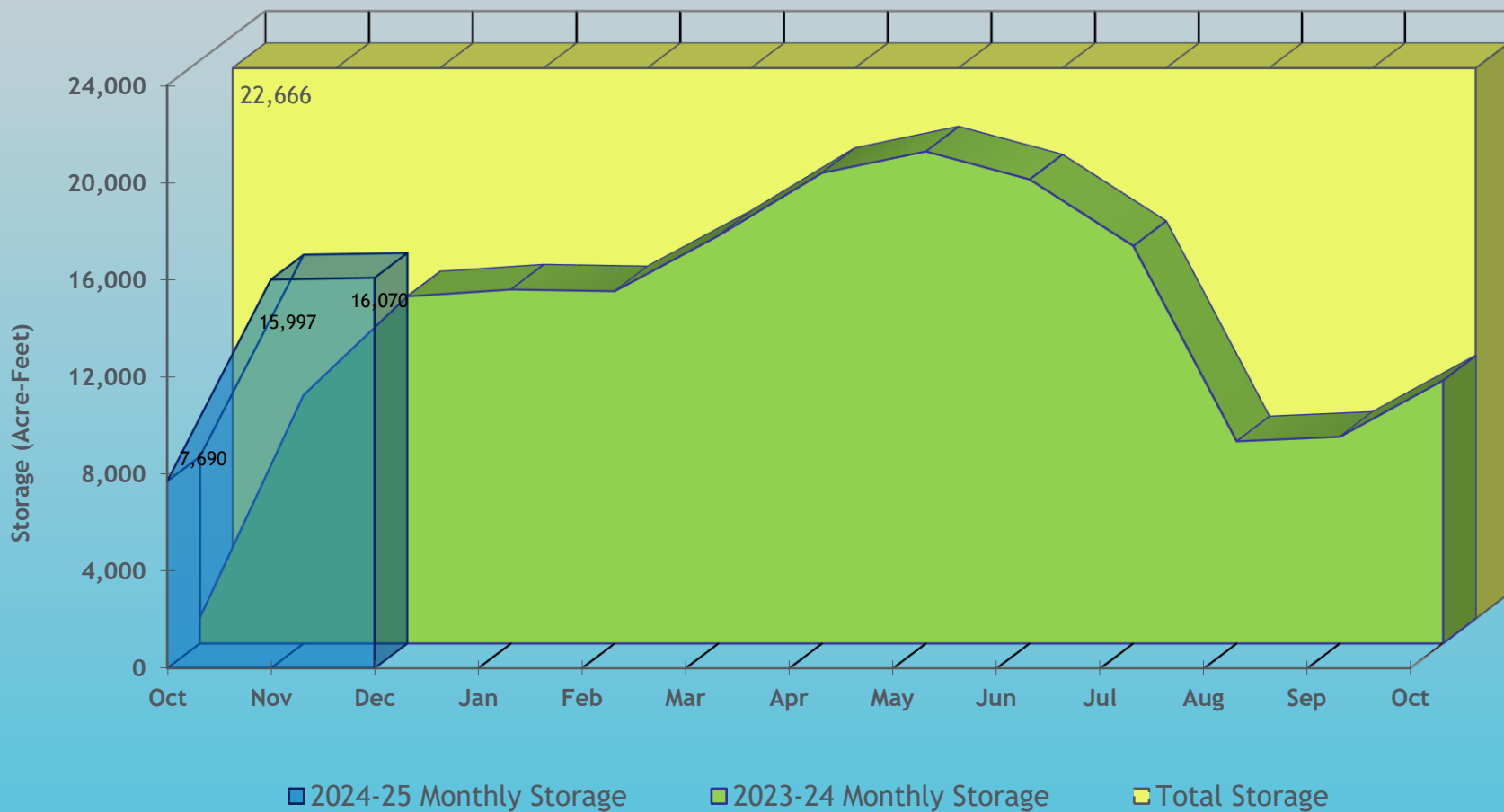
December Reservoir Change in Storage IY2024 versus IY2025



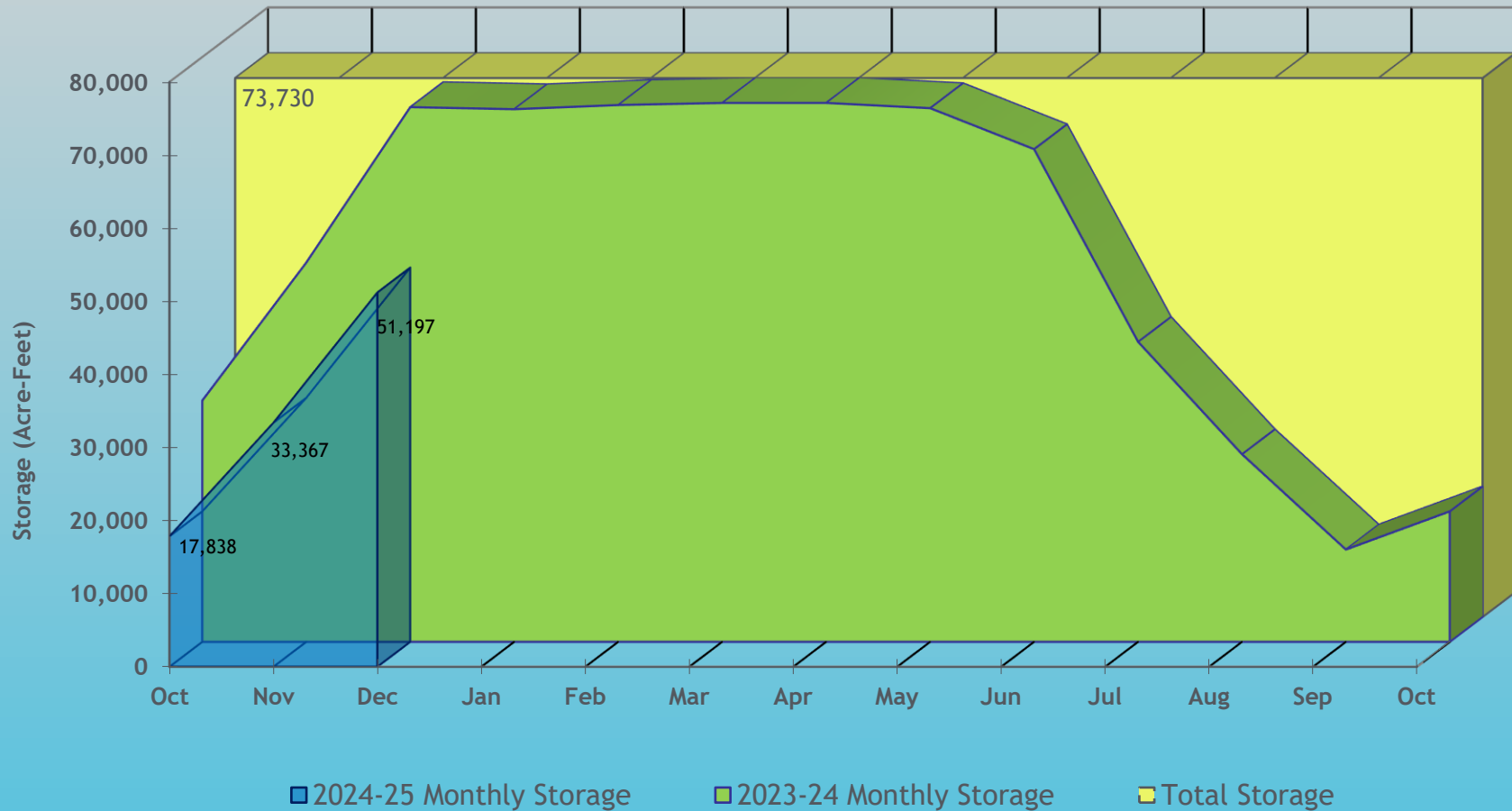
December Reservoir Change in Storage IY2024 versus IY2025



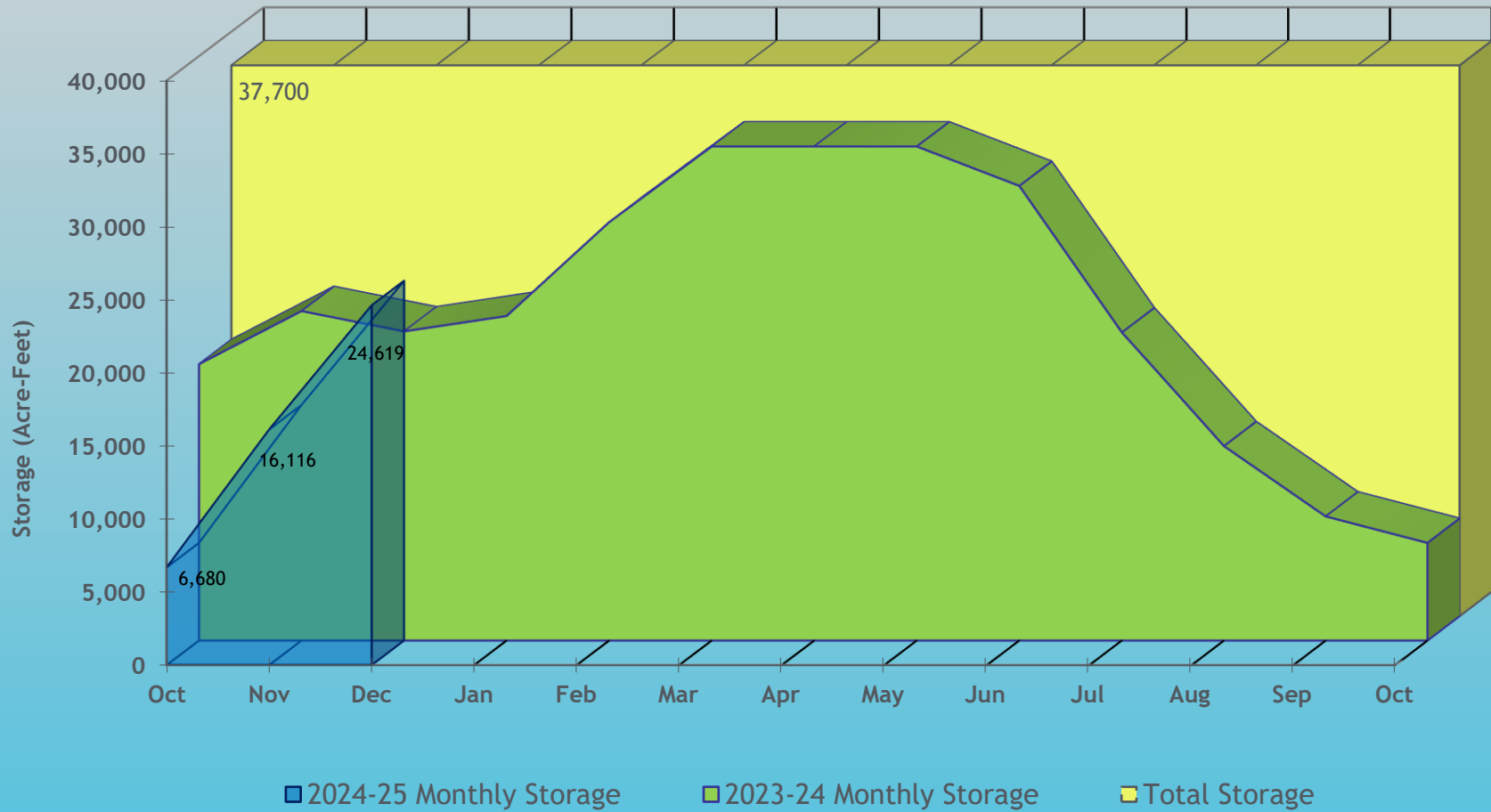
Julesburg Reservoir (District 64 - Agricultural)



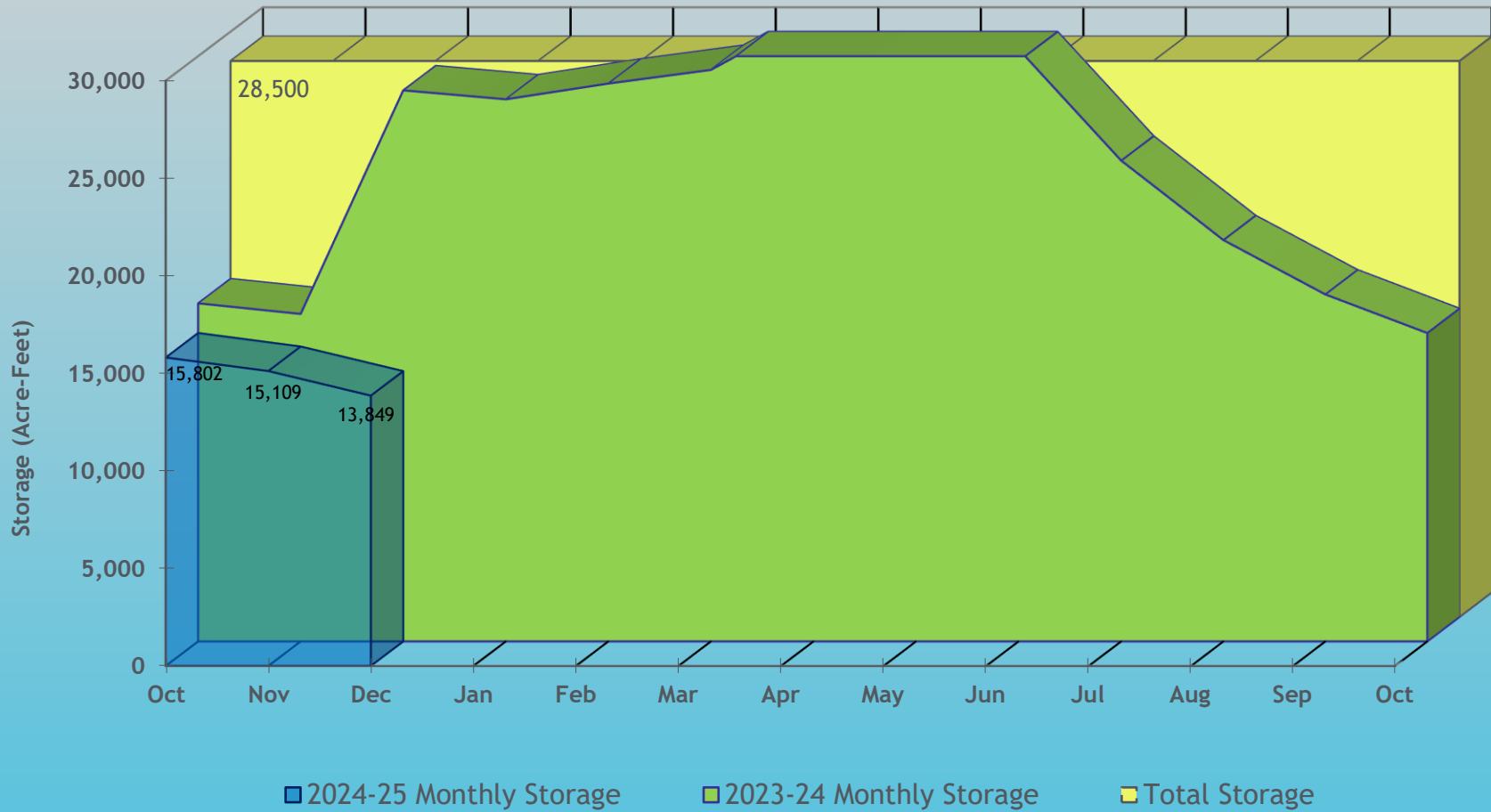
North Sterling Reservoir (District 64 - Agricultural)



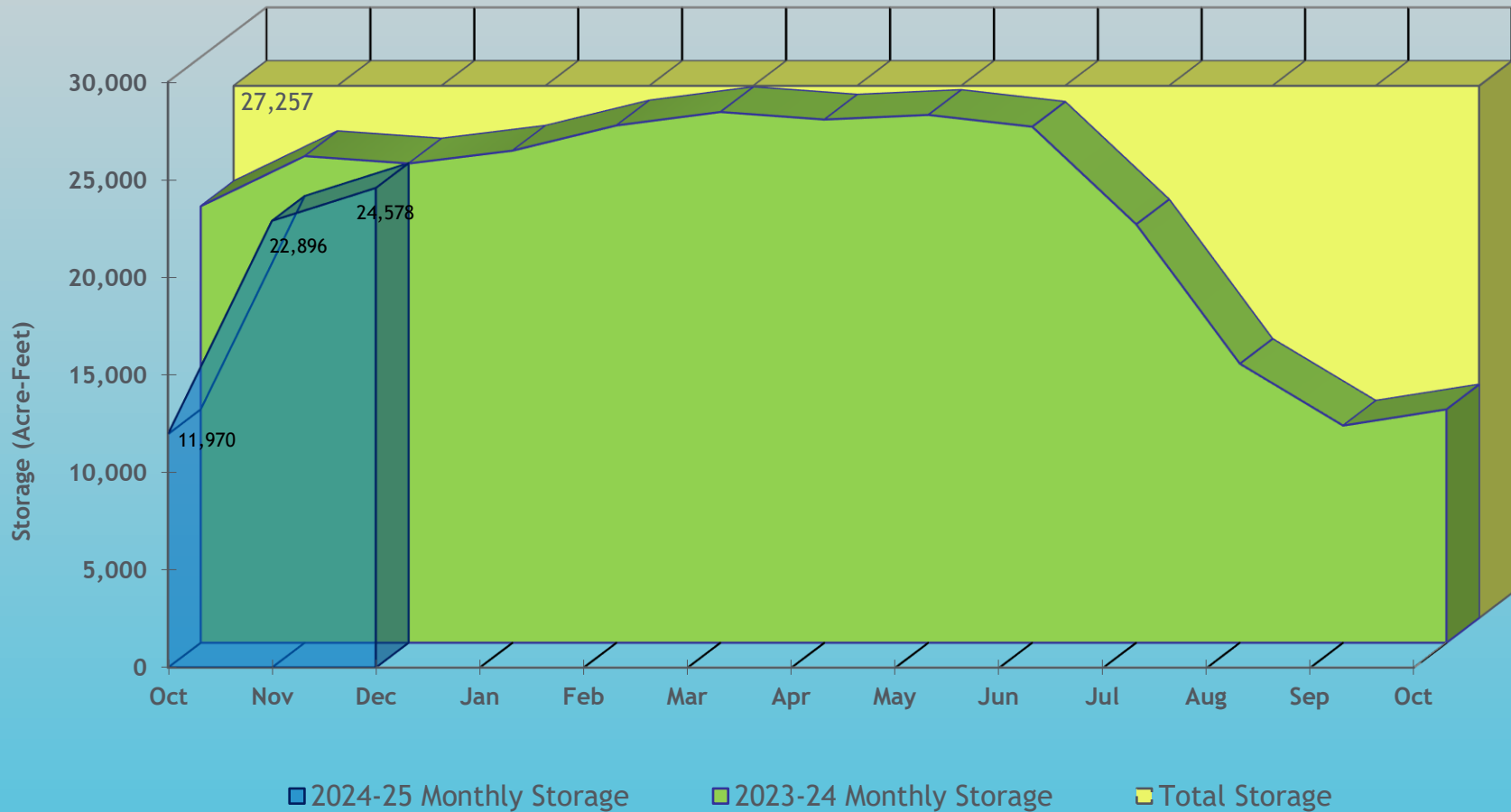
Empire Reservoir (District 1 - Agricultural)



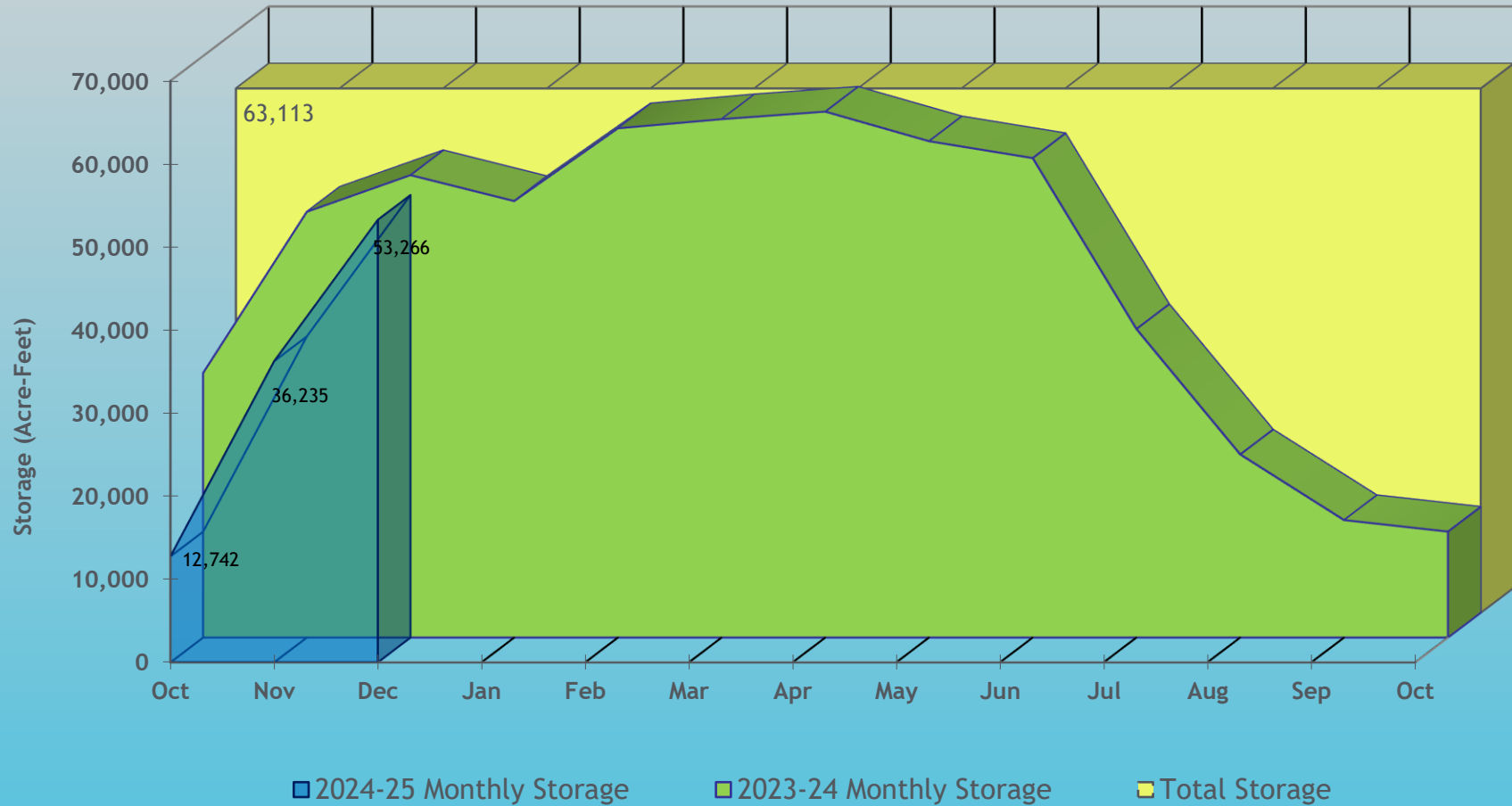
Prewitt Reservoir (District 64 - Agricultural)



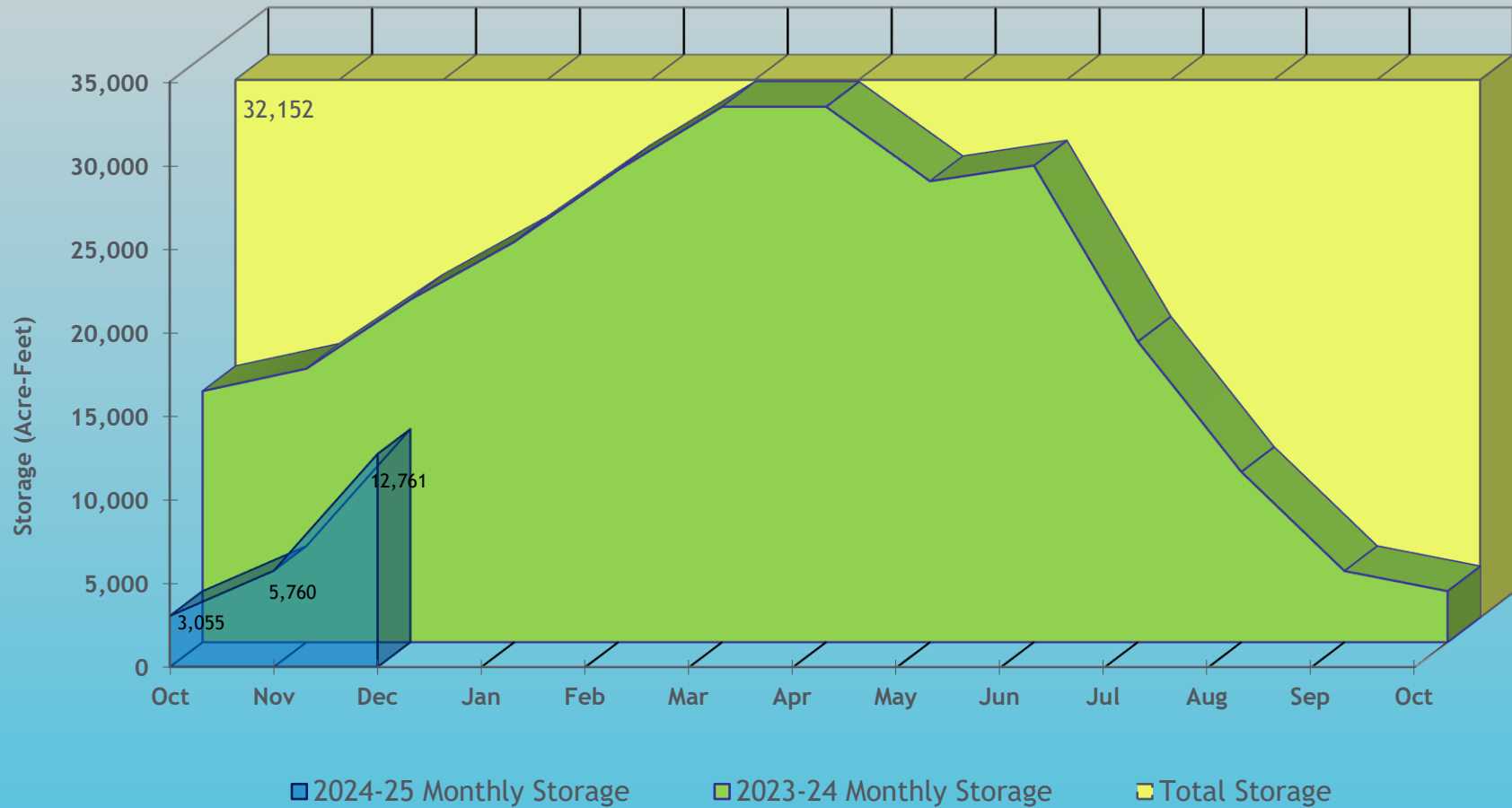
Jackson Reservoir (District 1 - Agricultural)



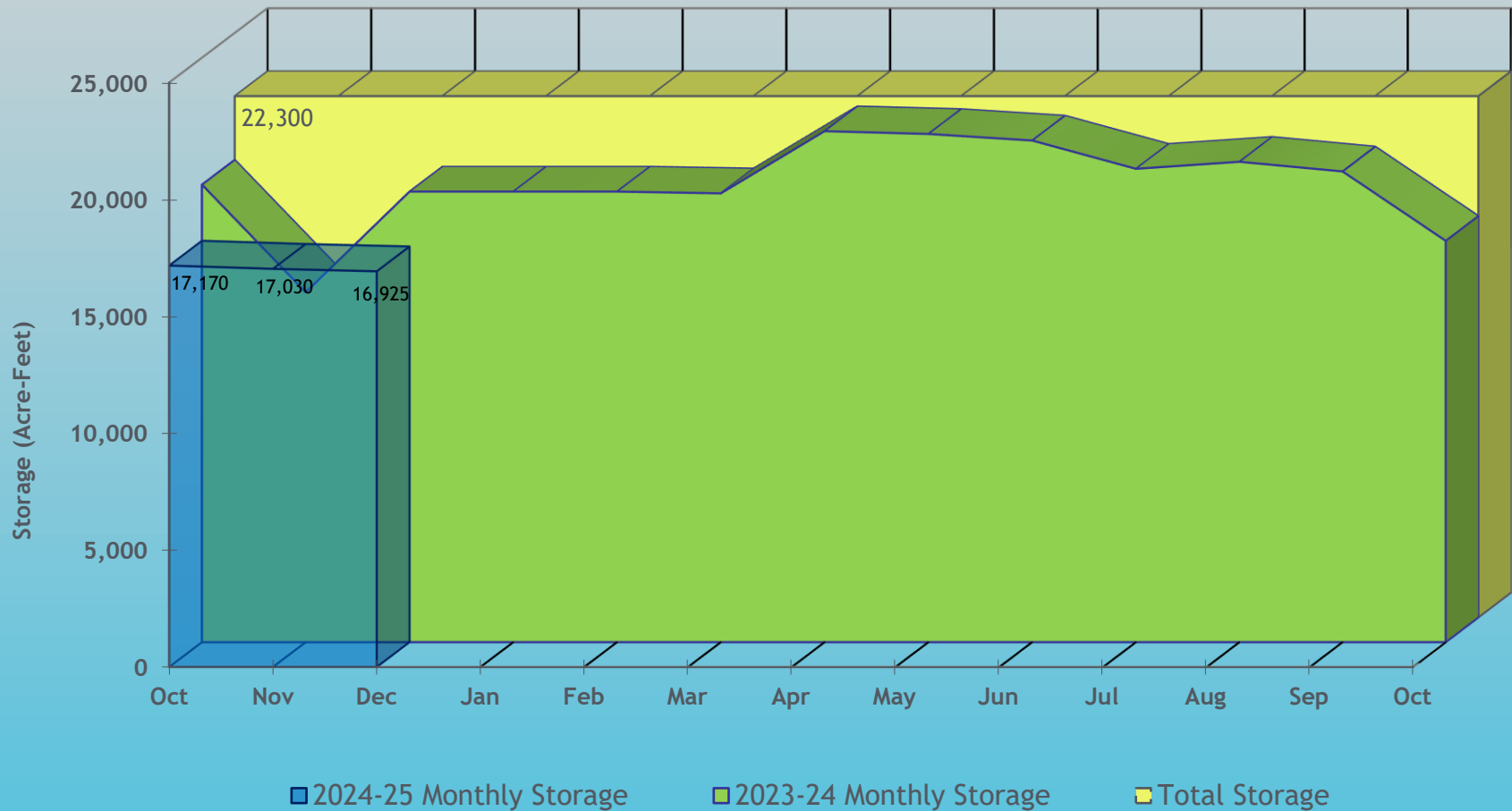
Riverside Reservoir (District 1 - Agricultural)



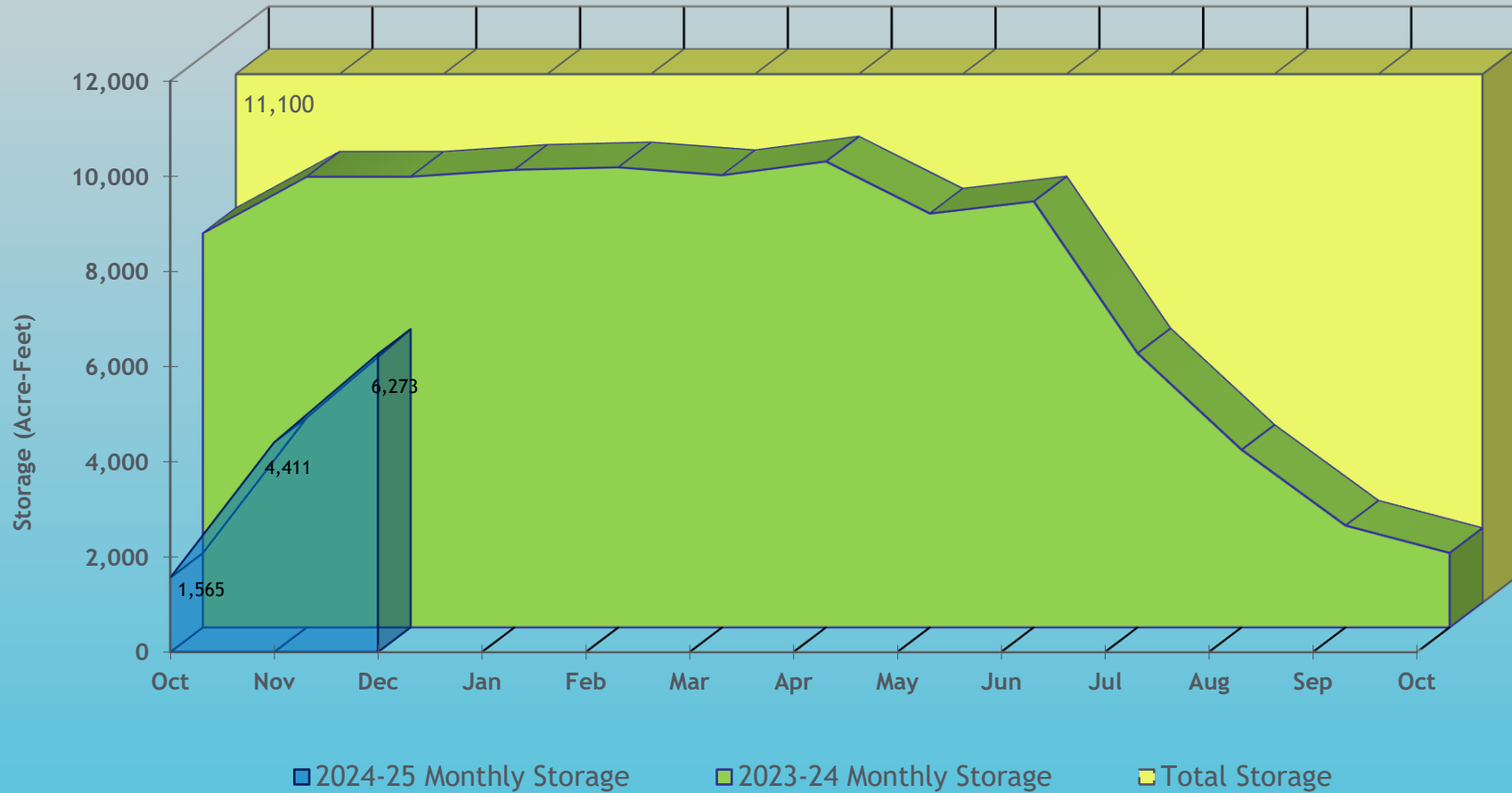
Barr Reservoir (District 2 - Agricultural)



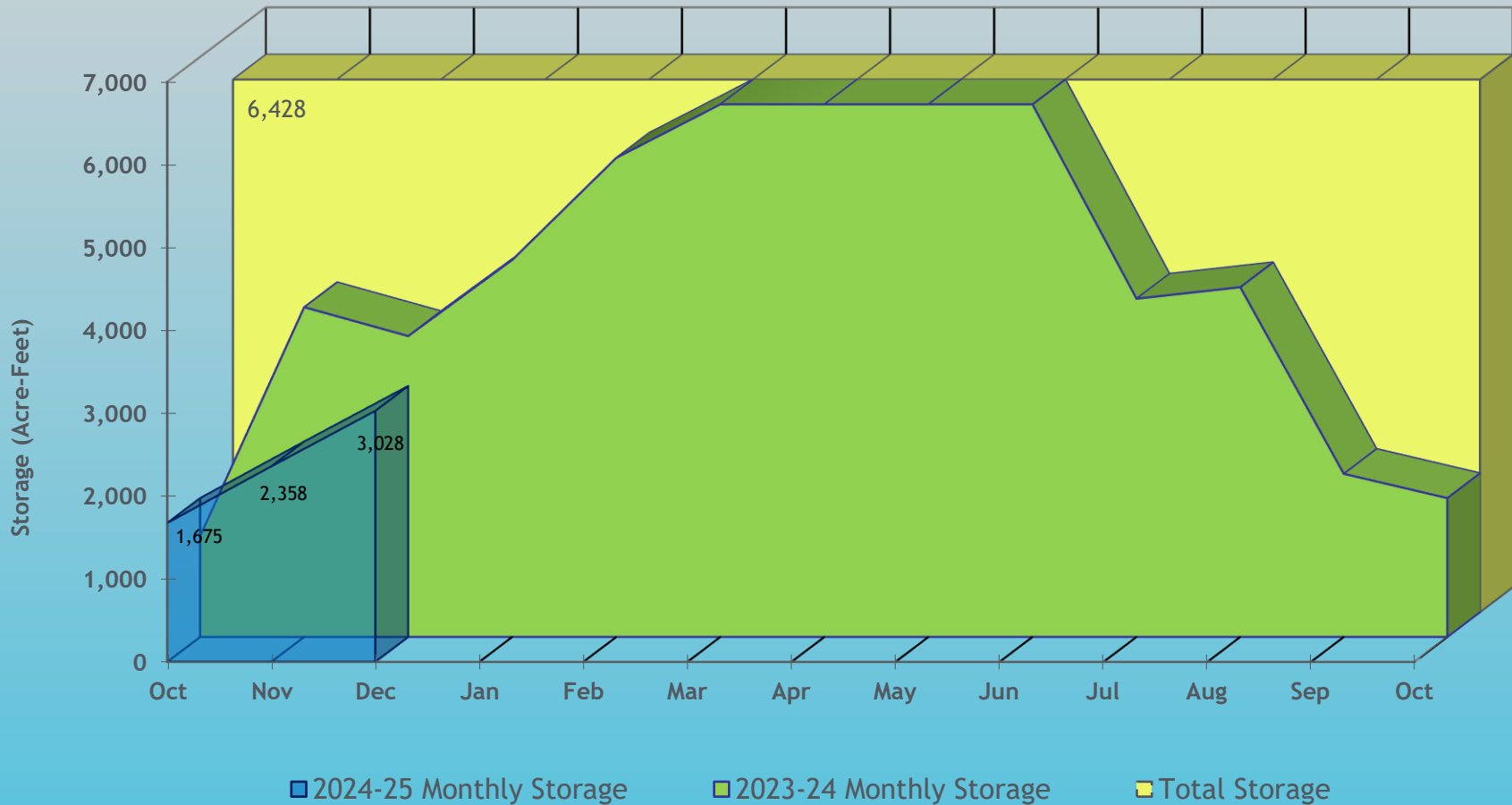
Cobb Reservoir (District 3, Poudre River - Agricultural)



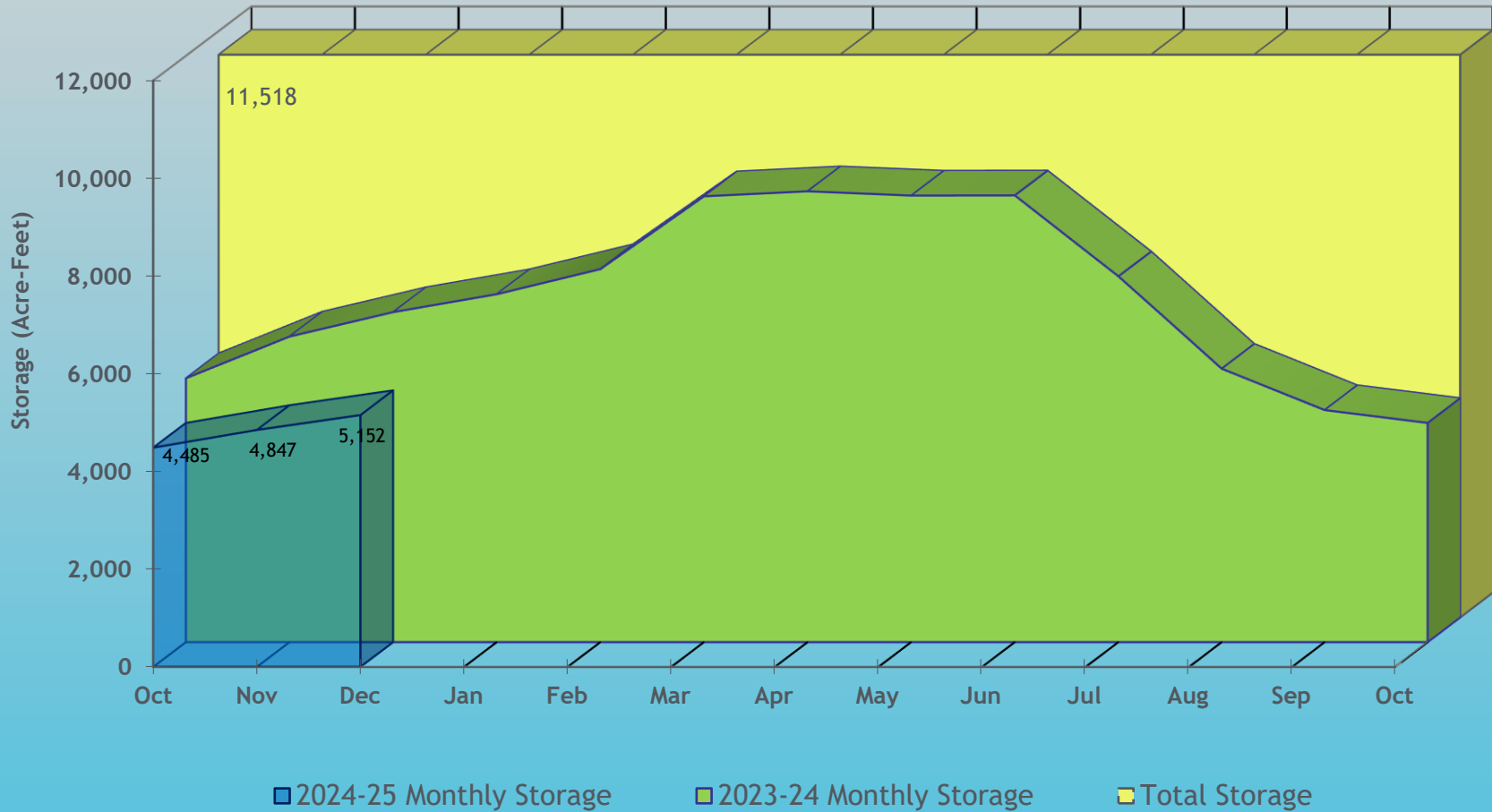
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



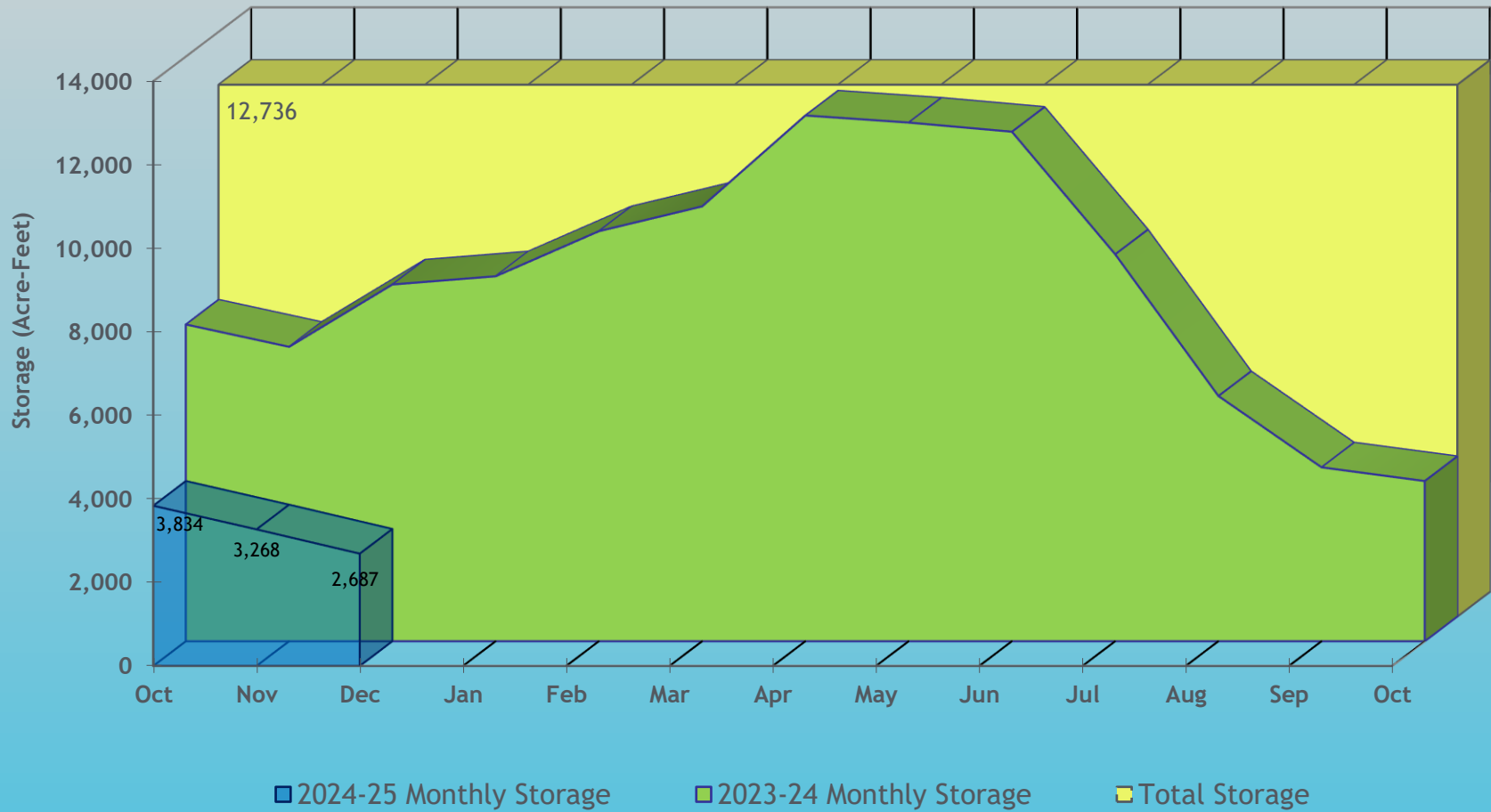
Halligan Reservoir (District 3, Poudre River - Agricultural)



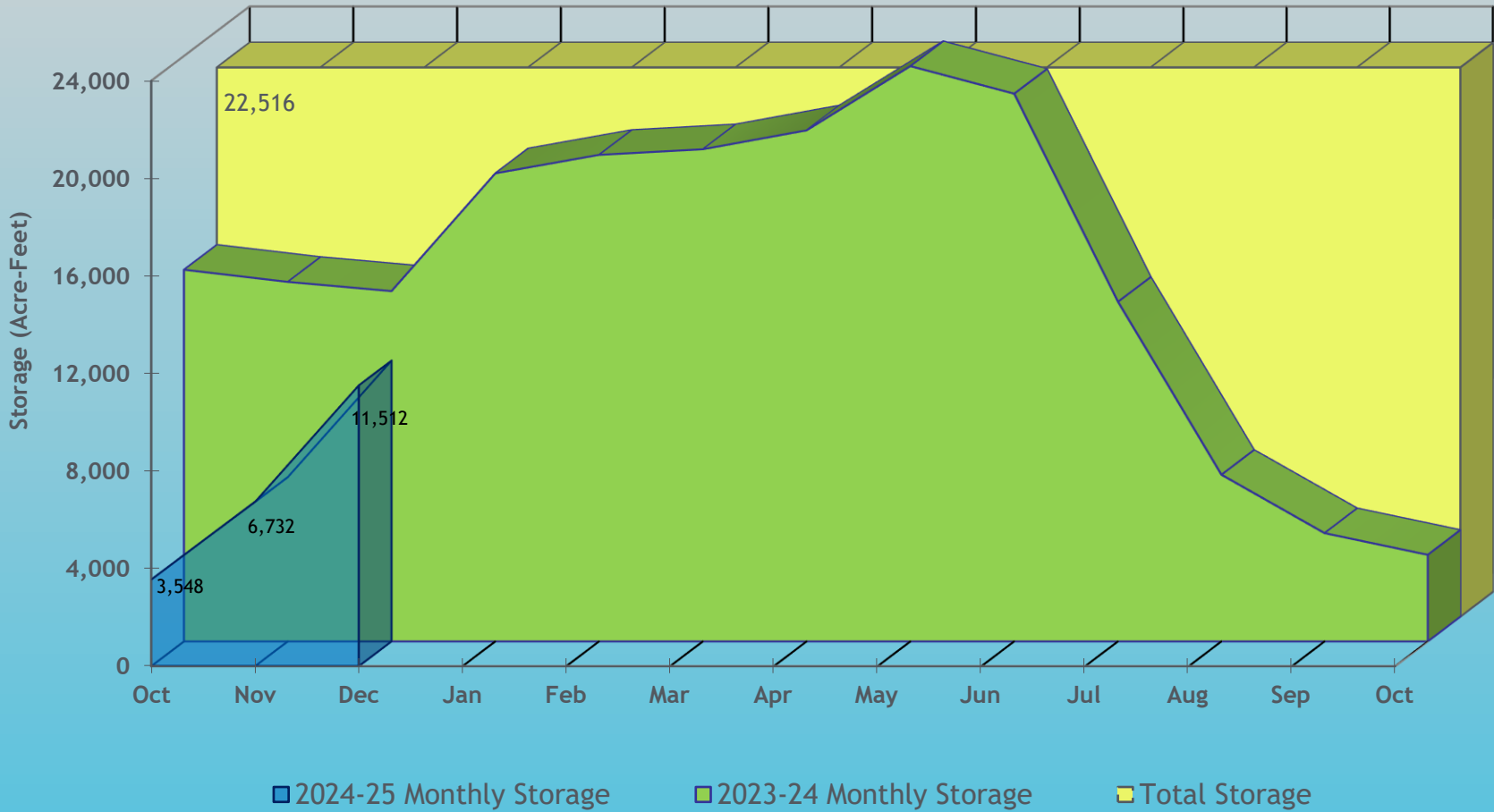
Marshall Lake (District 6, Boulder Creek - Agricultural)



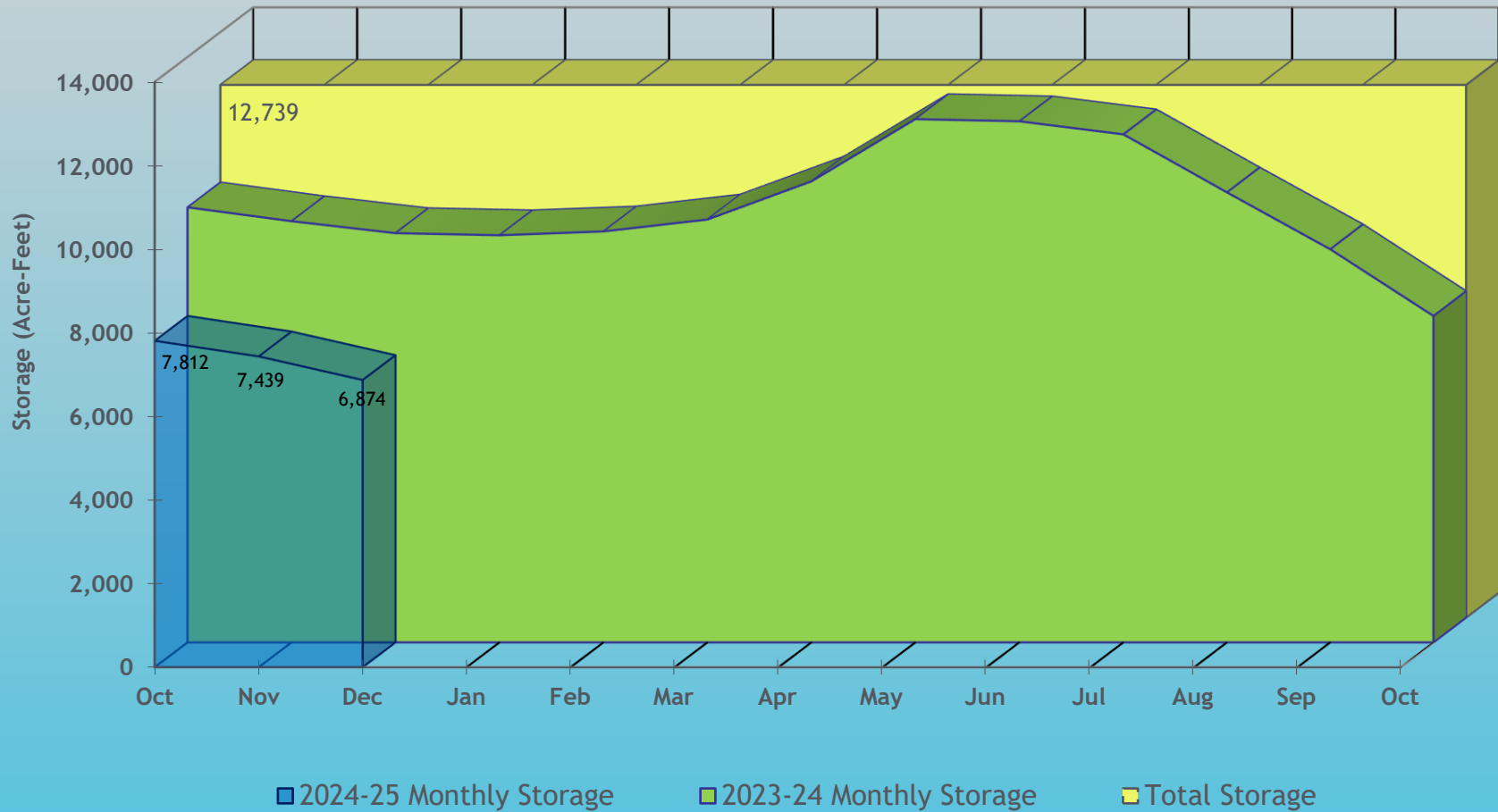
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



Milton Reservoir (District 2 - Agricultural)



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

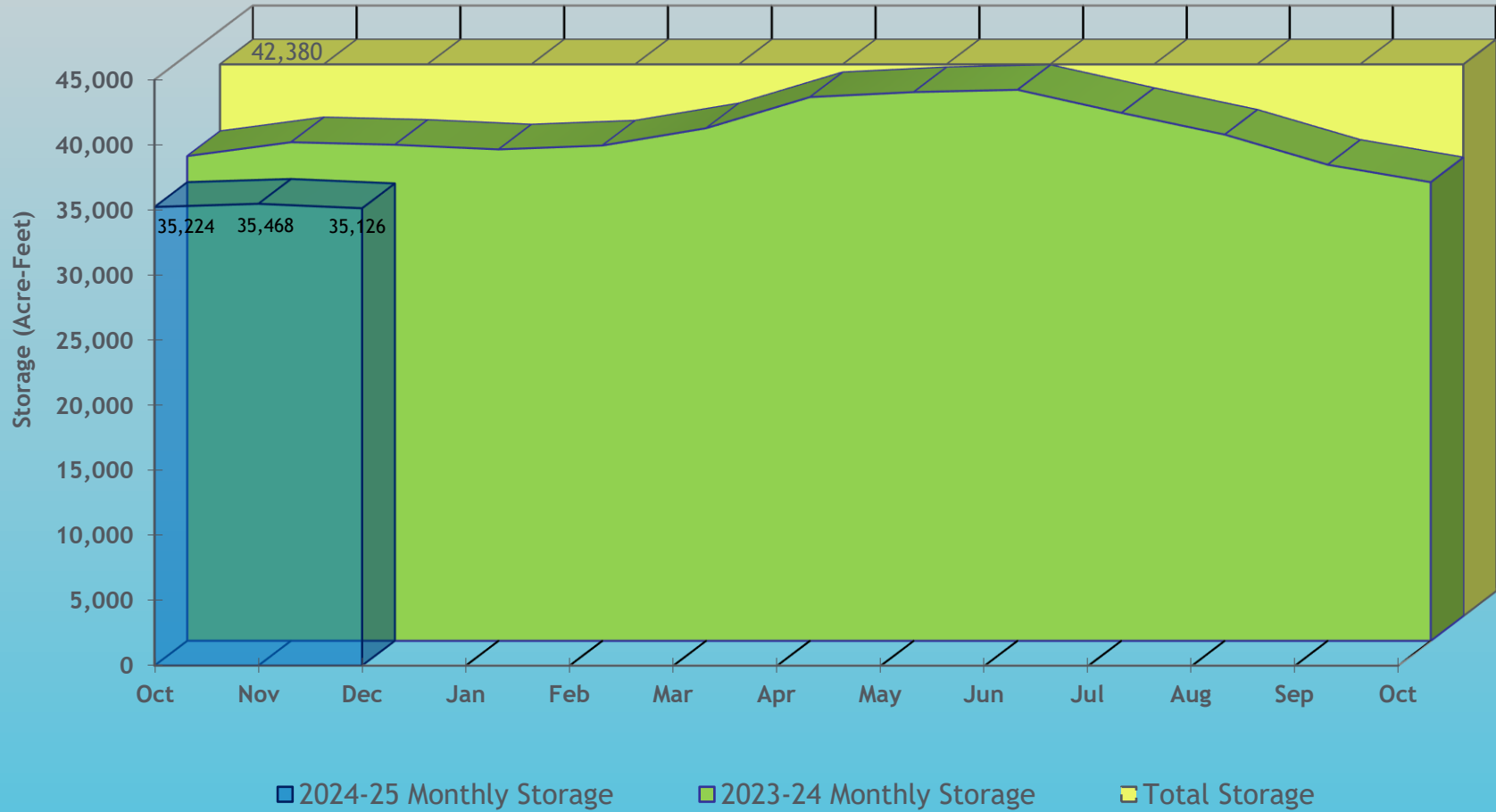


2024-25 Monthly Storage

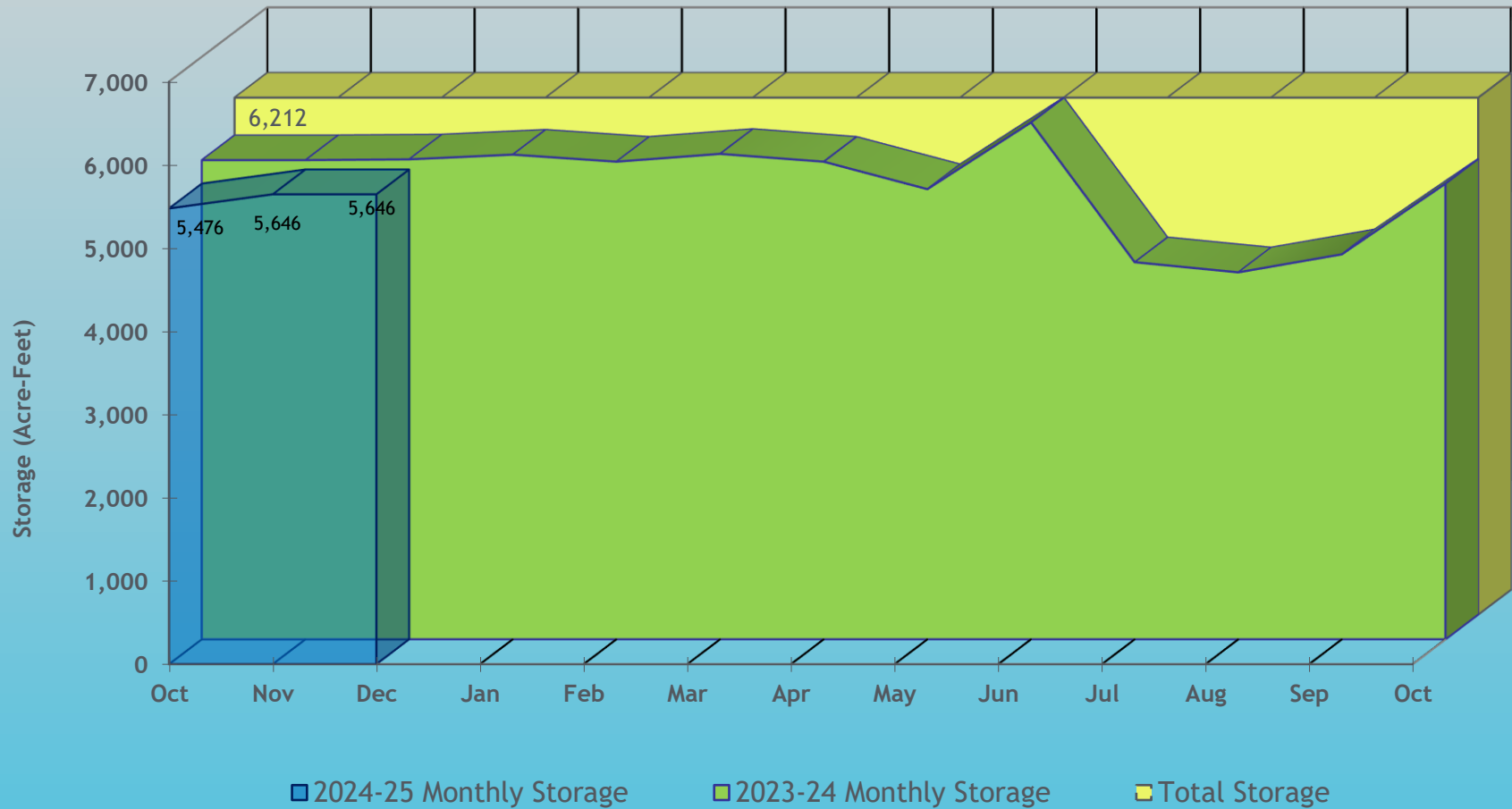
2023-24 Monthly Storage

Total Storage

Standley Lake (Agricultural)



Lower Latham Reservoir (District 2 - Agricultural)



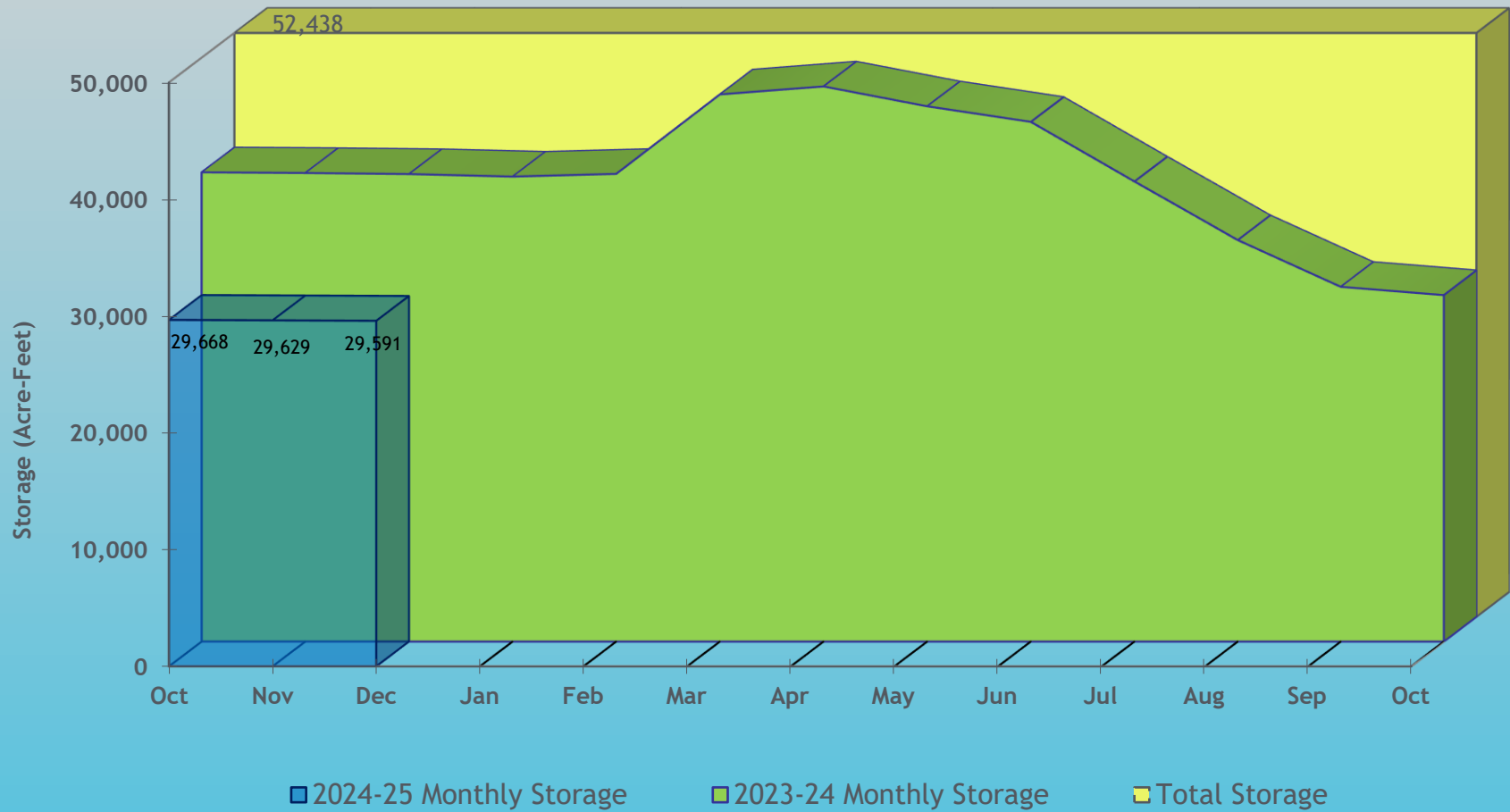
2024-25 Monthly Storage

2023-24 Monthly Storage

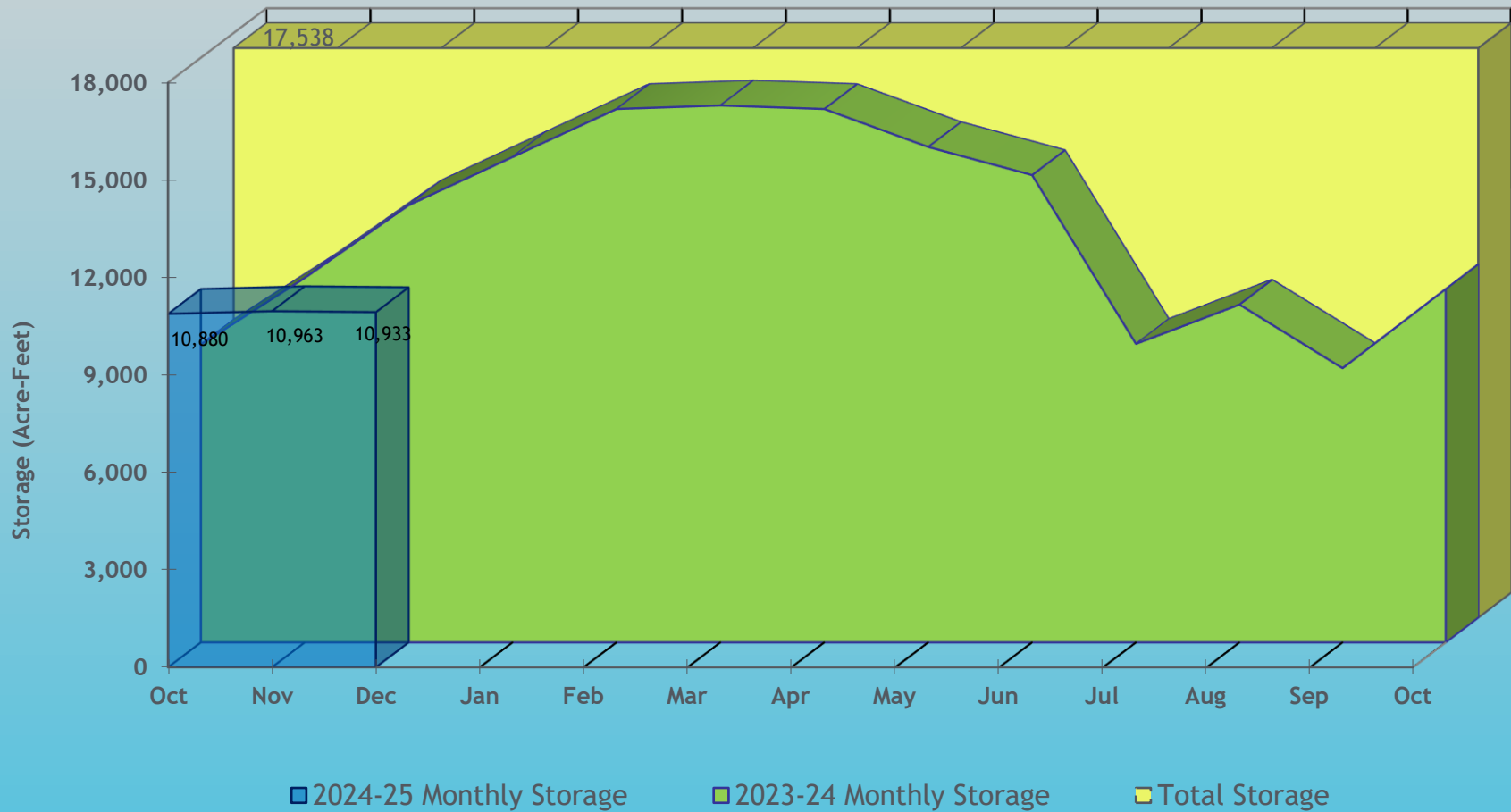
Total Storage

Boyd Lake

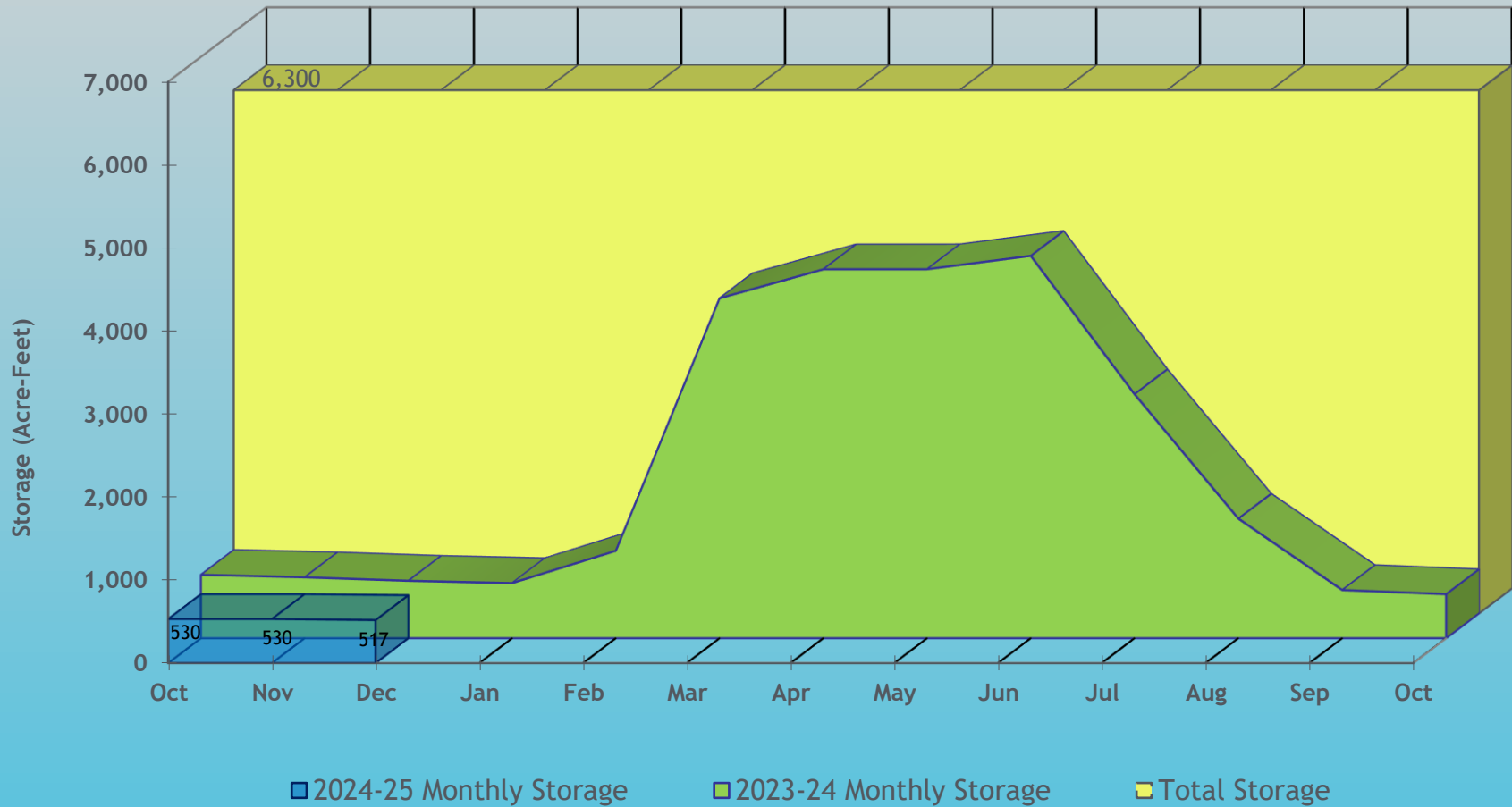
(District 4, Big Thompson River - Agricultural)



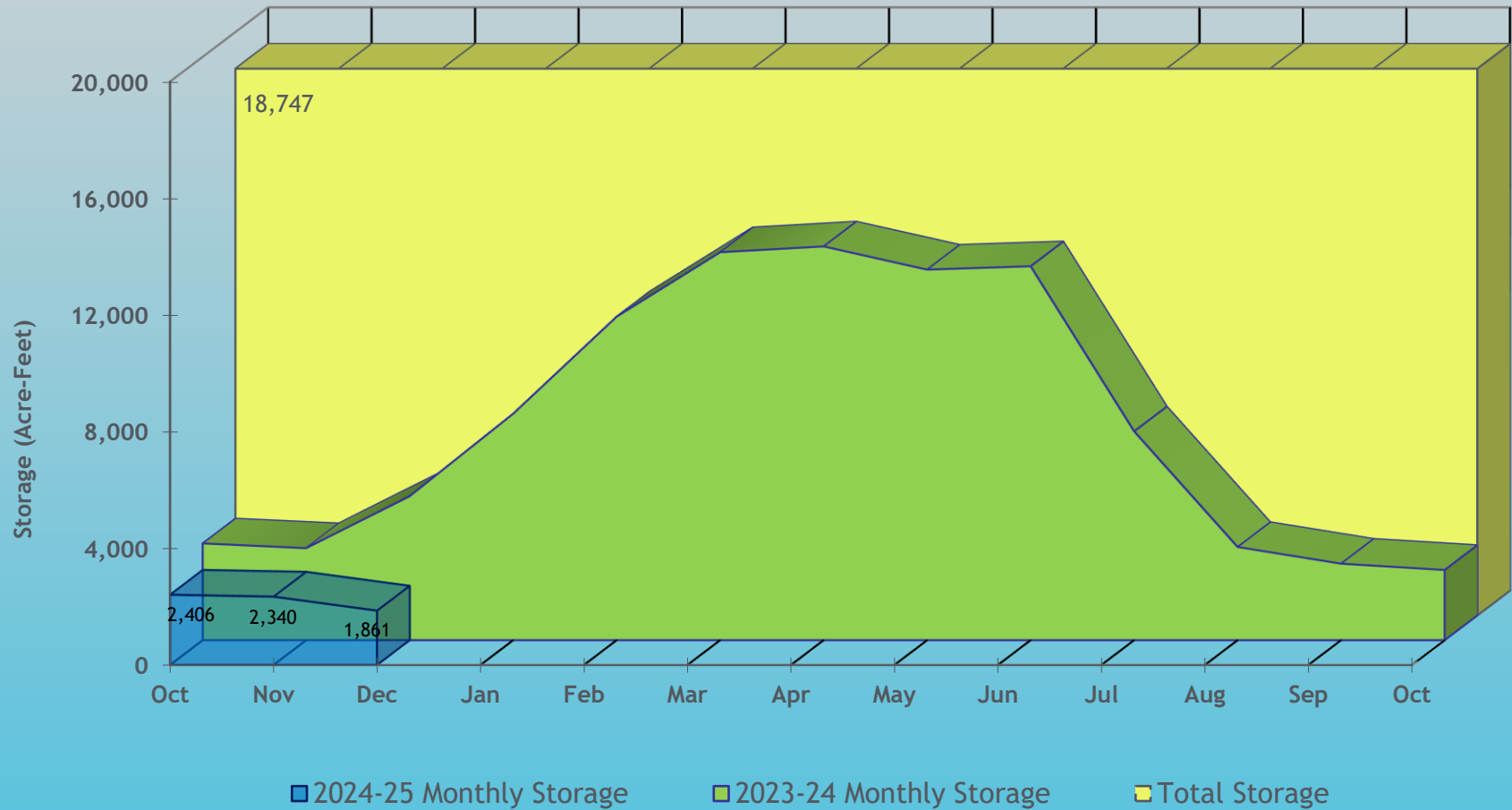
Windsor Reservoir (District 3, Poudre River - Agricultural)



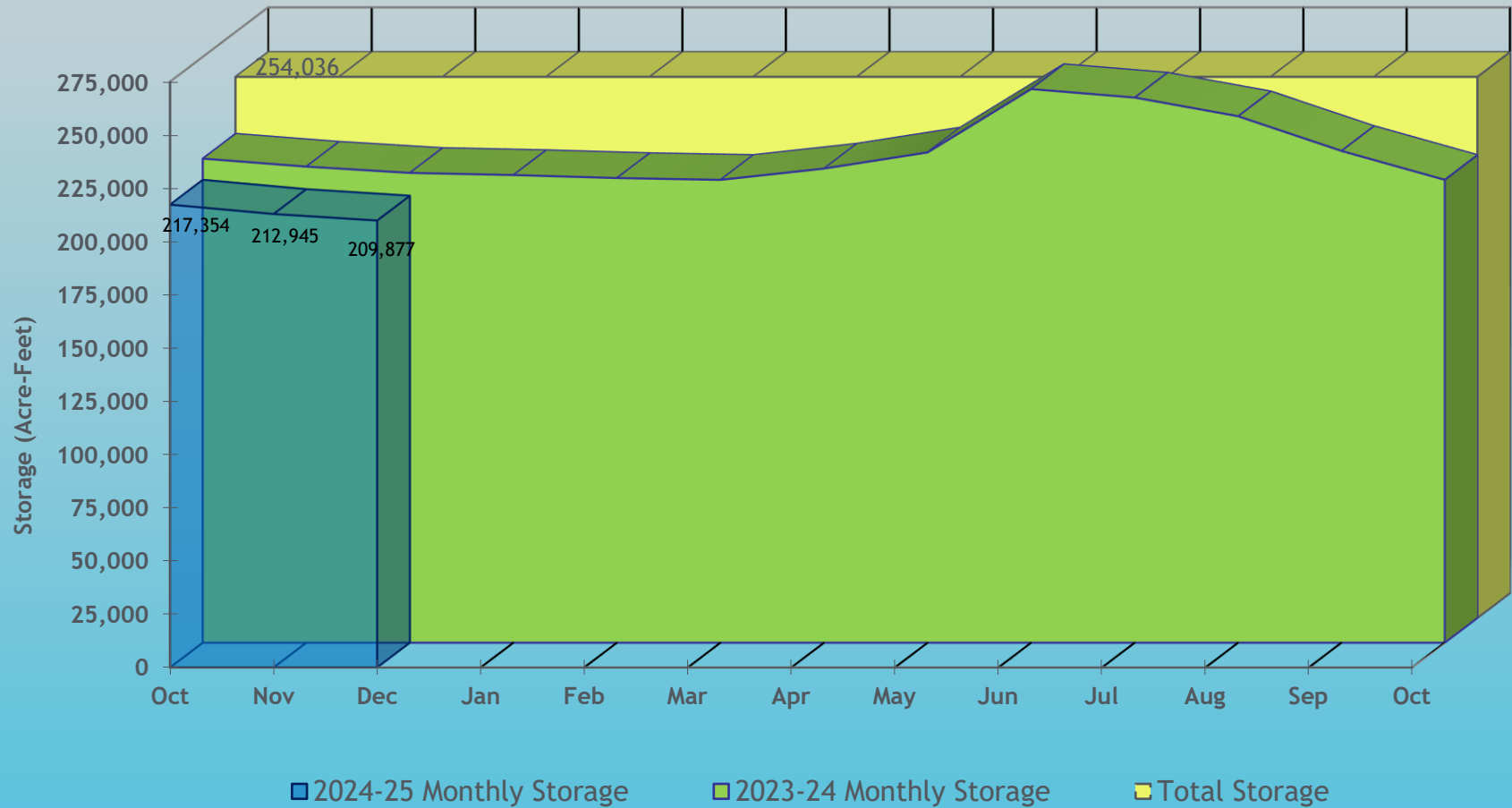
Prospect Reservoir (District 1 - Agricultural)



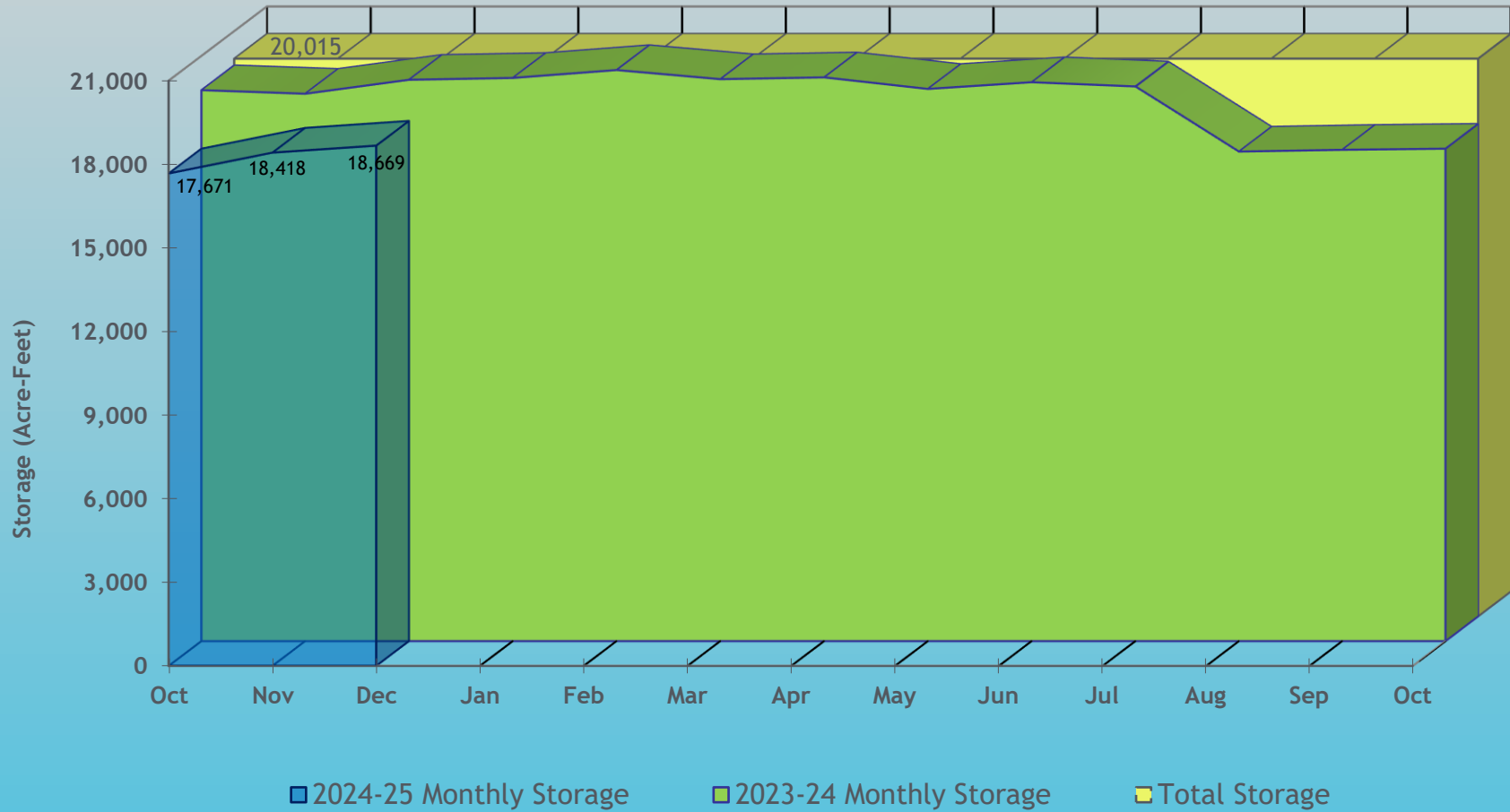
Horse Creek Reservoir (District 1 - Agricultural)



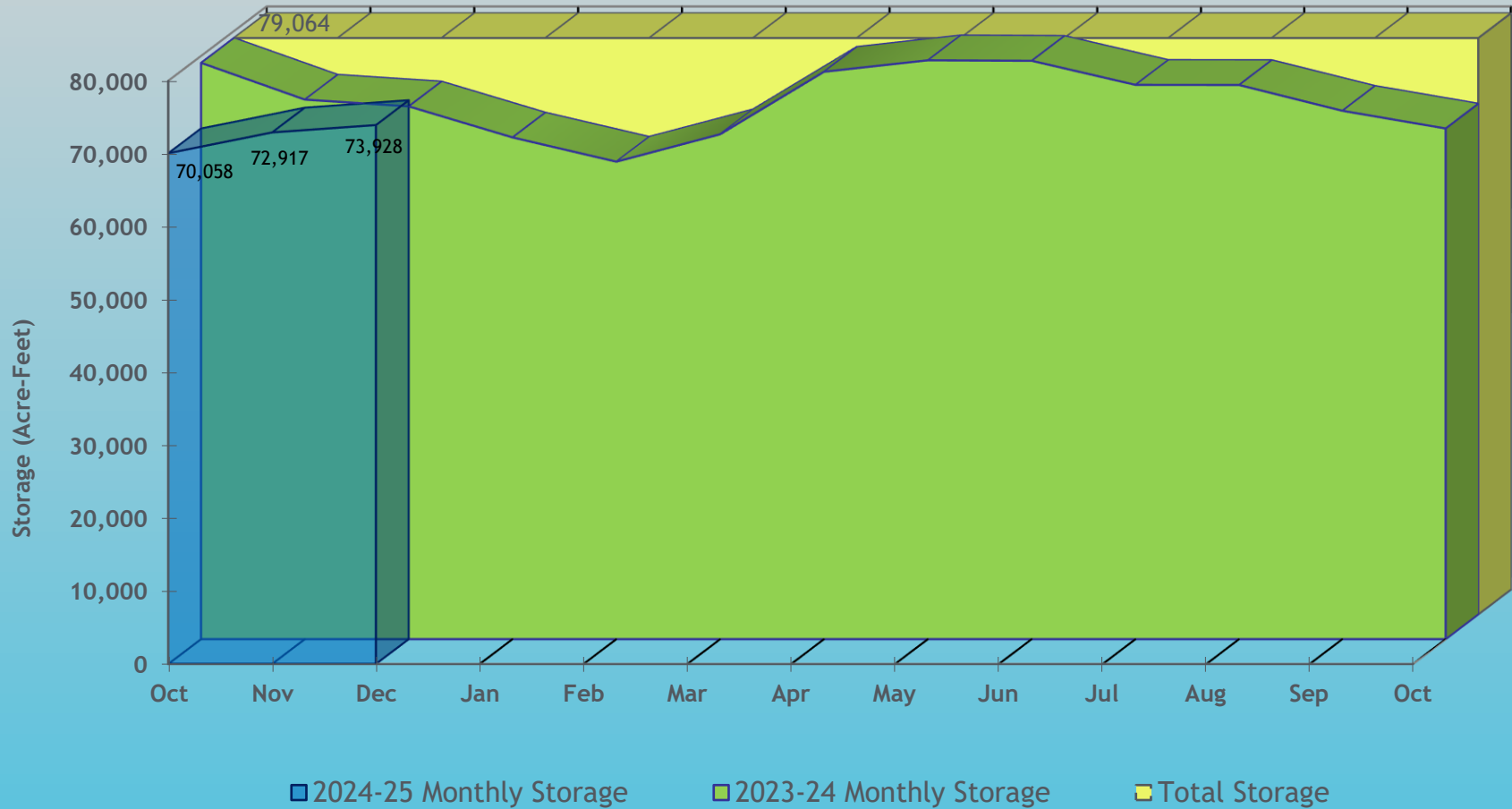
Dillon Reservoir (District 1 - Municipal)



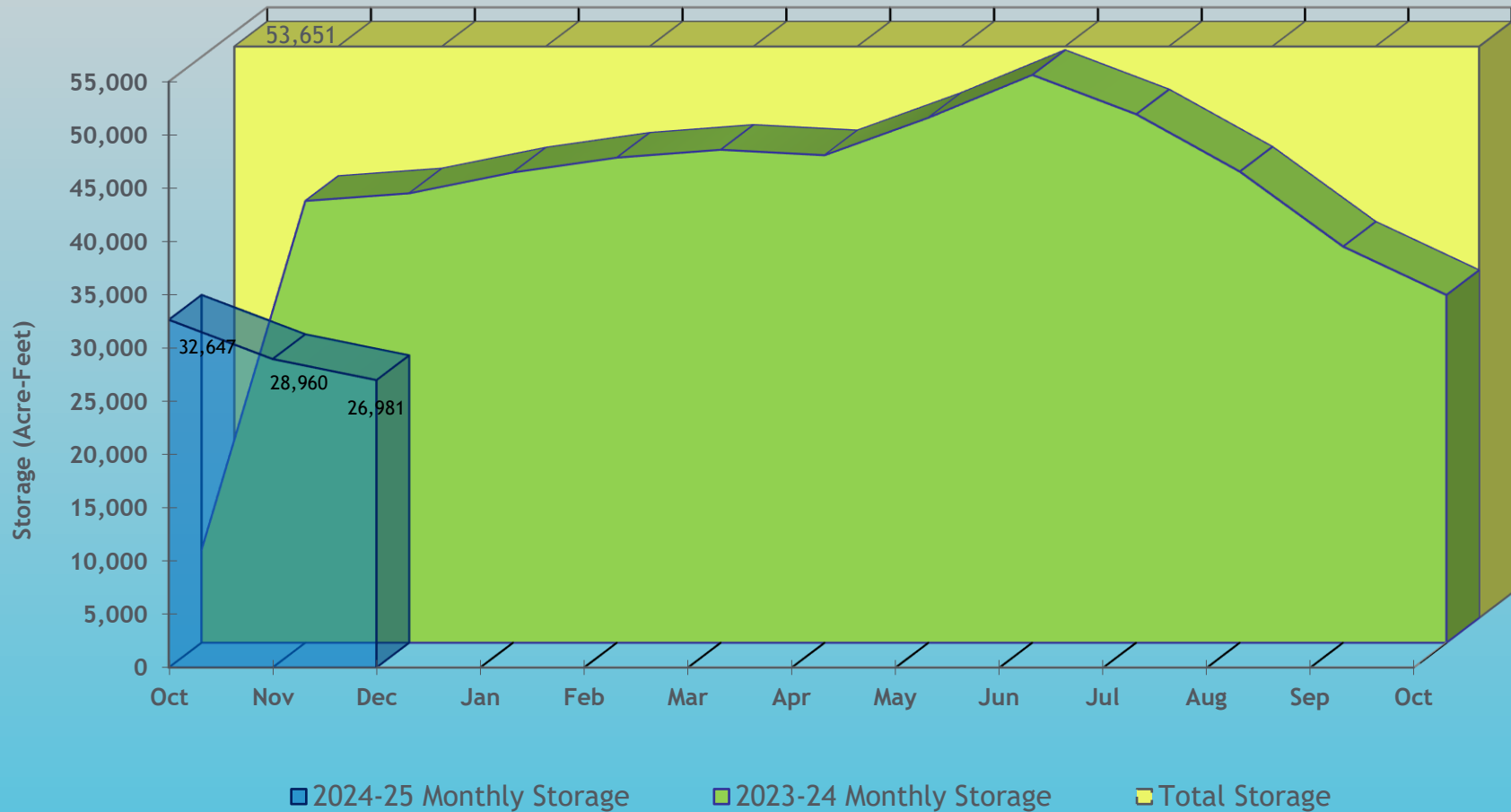
Antero Reservoir (District 23 - Municipal)



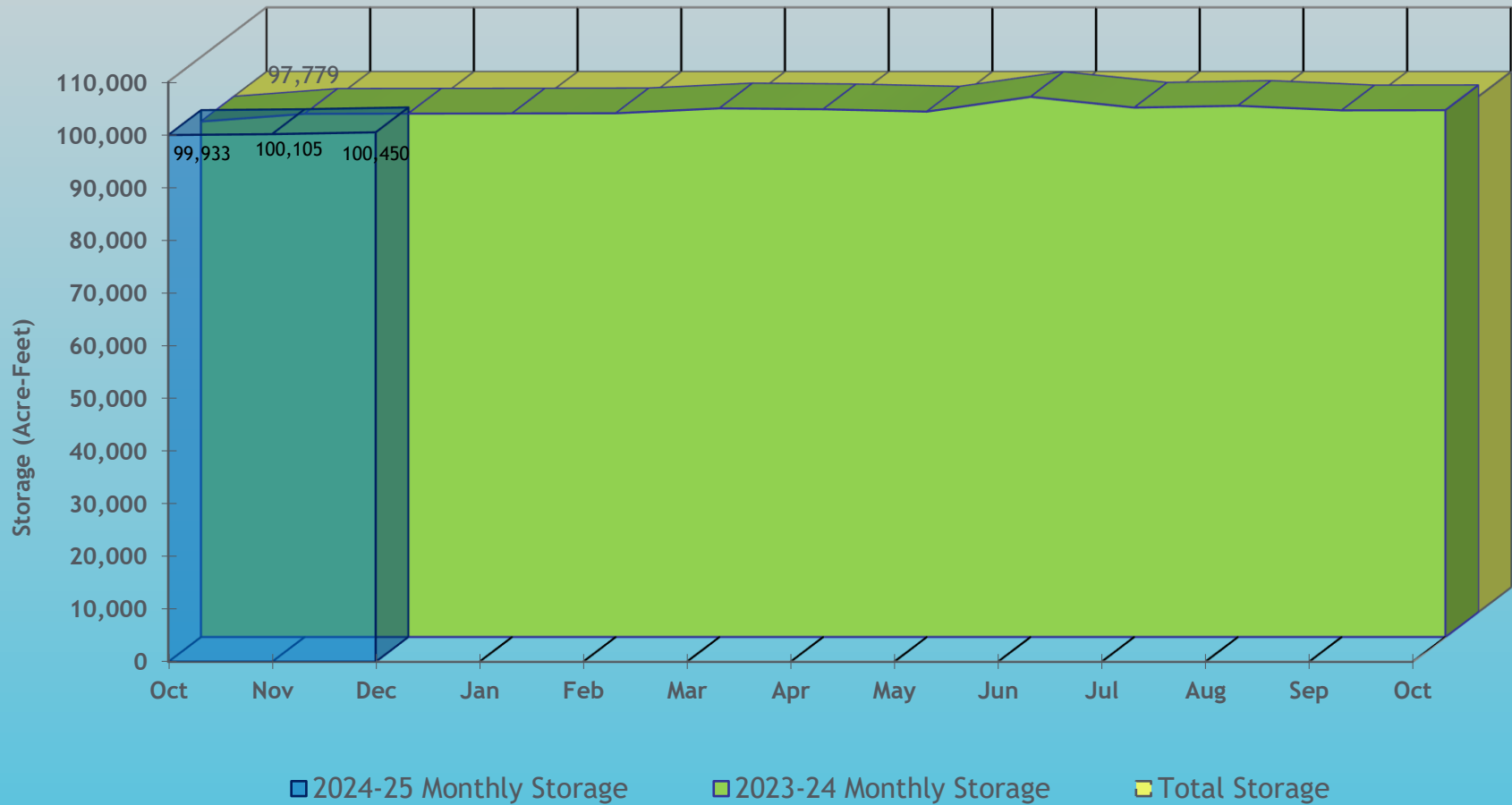
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

