



COLORADO
Division of Water Resources
Department of Natural Resources

South Platte Summary April 2022

Compiled by Lee Cunning, P.E.

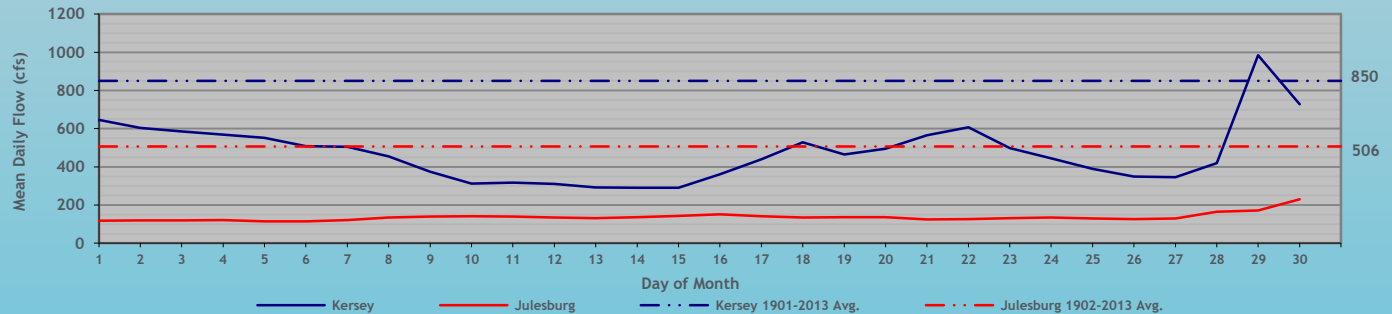
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF April 2022

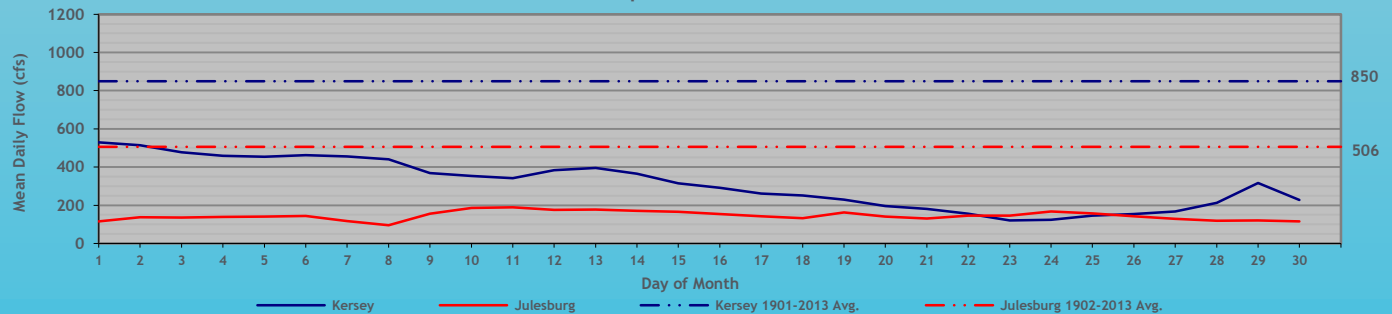
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	20,213	19,821	64	-392	-2%	87%	90%	0
N STERLING	73,730	56,615	70,444	64	13,829	24%	96%	95%	0
PREWITT	28,500	24,597	24,019	64	-578	-2%	84%	88%	0
JACKSON	27,257	26,057	25,046	1	-1,011	-4%	92%	96%	0
EMPIRE	37,700	32,617	31,009	1	-1,608	-5%	82%	87%	0
RIVERSIDE	63,113	53,756	51,281	1	-2,475	-5%	81%	88%	0
BARR LAKE	32,152	28,942	26,223	2	-2,719	-9%	82%	90%	0
CHEESMAN	79,064	58,697	56,308	80	-2,389	-4%	71%	70%	0
ELEVEN MILE	97,779	100,140	100,140	23	0	0%	100%	99%	2,361
SPINNEY	53,651	38,779	39,106	23	327	1%	73%	59%	0
ANTERO	20,015	20,319	19,794	23	-525	-3%	99%	99%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	312
JULESBURG	145
THIS MONTH LAST YEAR	
KERSEY	474
JULESBURG	136
MEAN FOR PERIOD OF RECORD*	
KERSEY	850
JULESBURG	506
*Kersey 1901 - 2016	
*Julesburg 1902 - 2016	

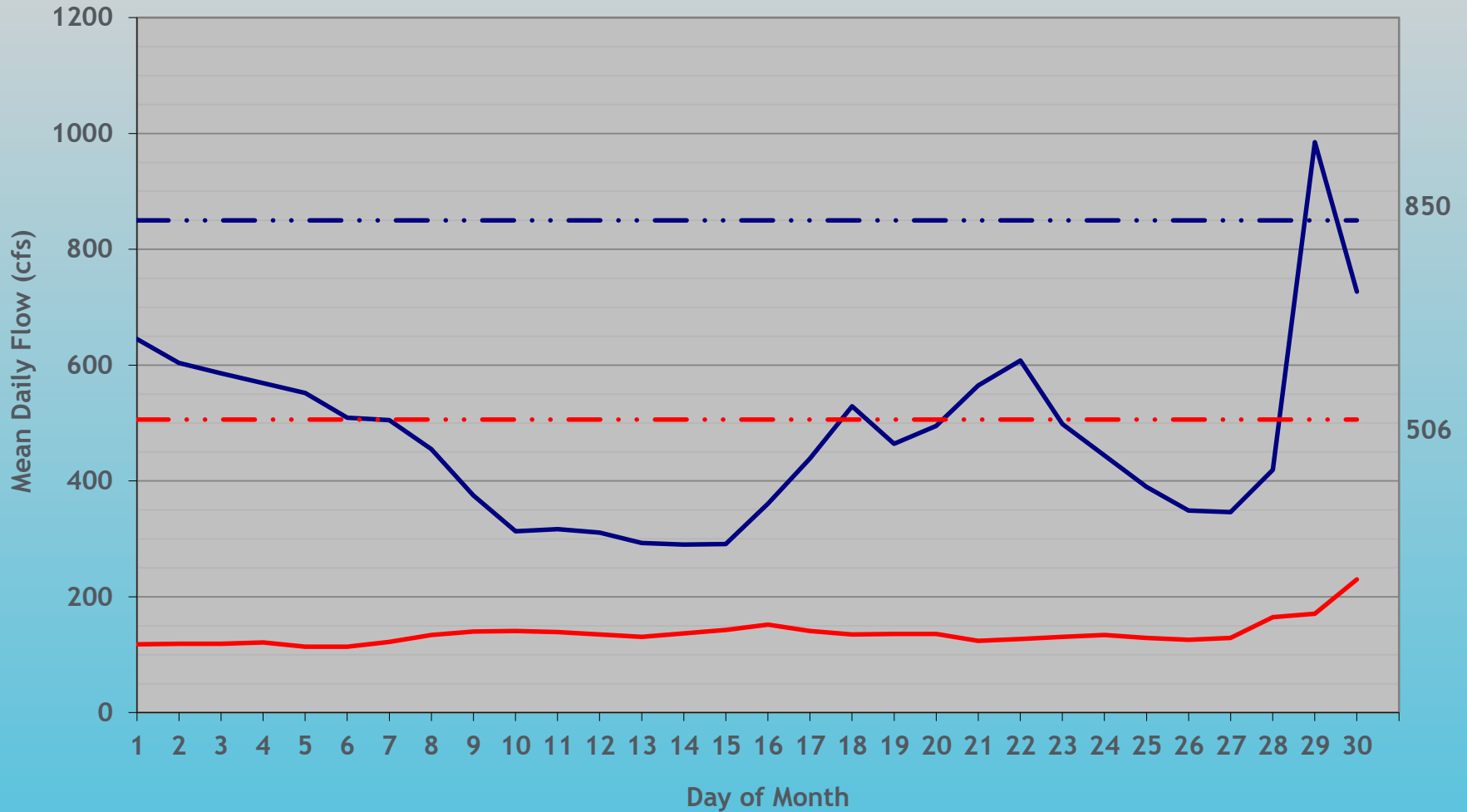
KERSEY and JULESBURG
April 2021



KERSEY and JULESBURG
April 2022

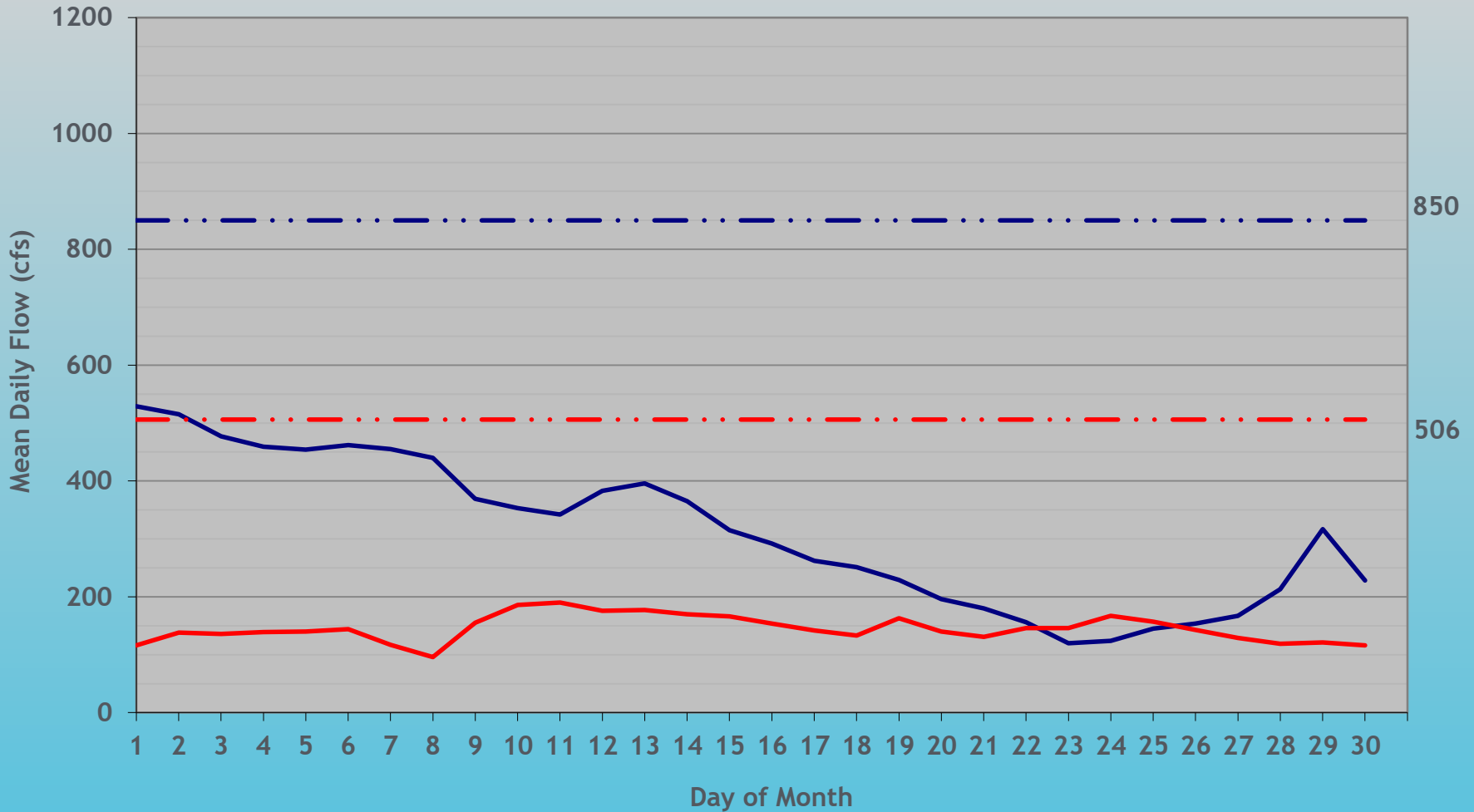


KERSEY and JULESBURG April 2021



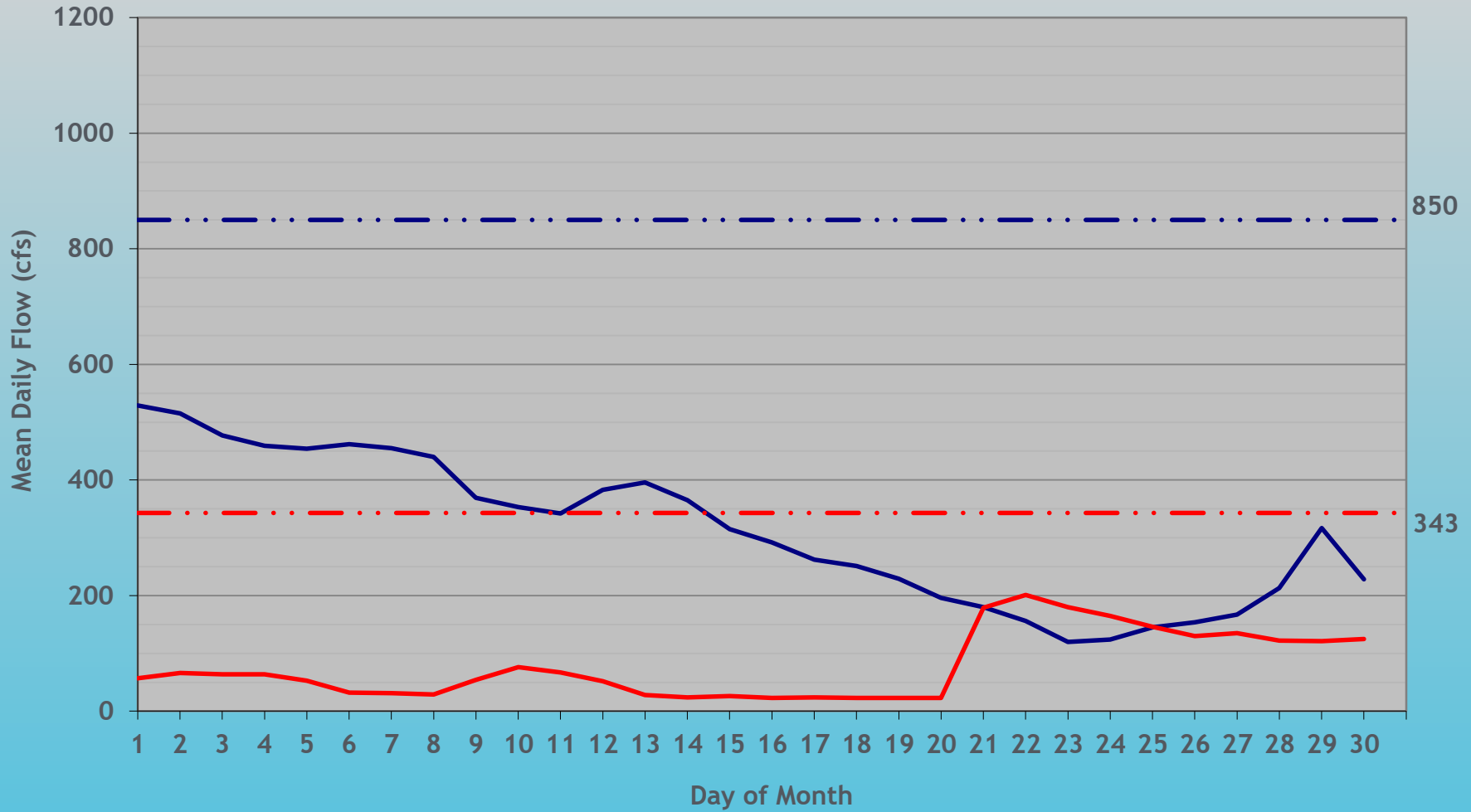
— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

KERSEY and JULESBURG April 2022



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

KERSEY and BALZAC April 2022



— Kersey — Balzac - · - Kersey 1901-2013 Avg. - · - Balzac 1917-2013 Avg.

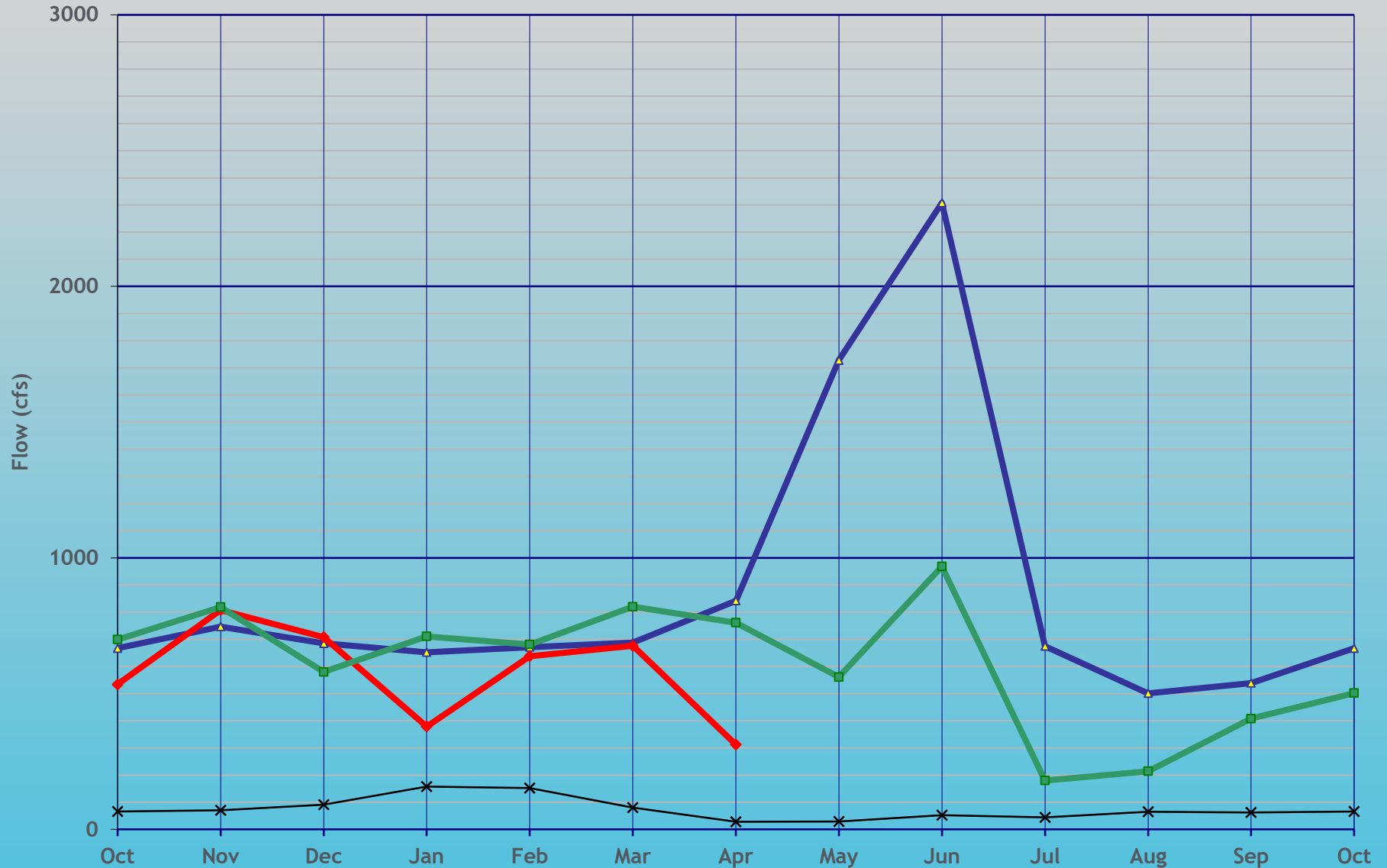
South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2022 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2022 Mean Monthly Flow
Oct	667	6180	1984	66	1954	534	Oct	299	3130	1984	4.2	1903	119
Nov	747	3650	1984	70	1934	808	Nov	335	2900	1984	4.2	1903	45
Dec	685	1890	1961	91	1934	708	Dec	401	1820	1984	13	2002	113
Jan	652	2160	1974	158	1935	379	Jan	512	2510	1970	21	2003	266
Feb	671	3060	1914	152	1935	638	Feb	578	3220	1930	29	2005	145
Mar	688	3470	1983	80	1935	676	Mar	512	12900	1910	15	1904	119
Apr	842	18100	1942	28	1955	312	Apr	514	14400	1942	4.0	1904	145
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 —×— Historic* Min Flow —◆— 2021-2022 Mean Flow —■— 2020-2021 Mean Flow

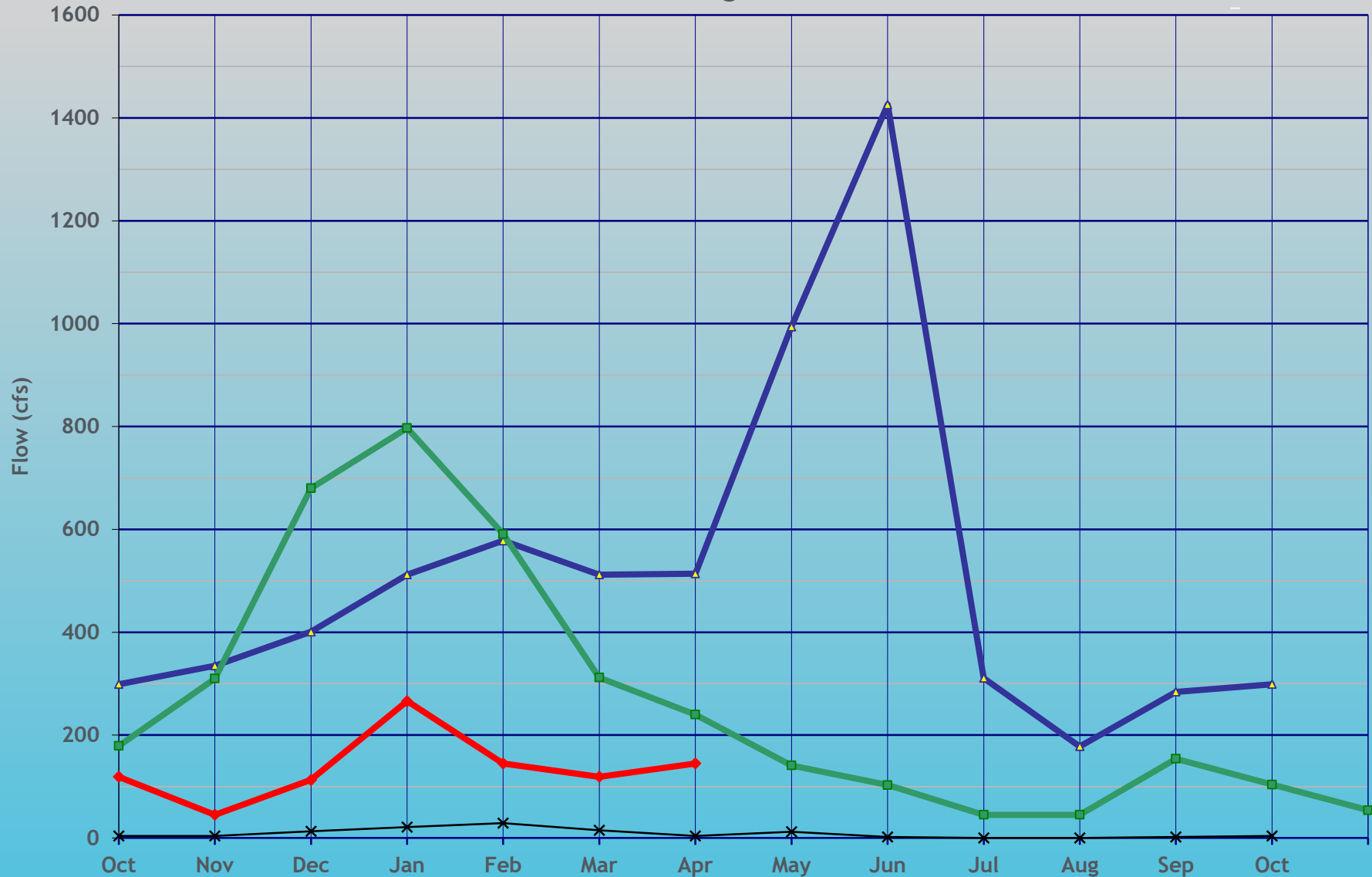
*1901-2016



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South Platte River at Julesburg

Irrigation Year



—▲— Historic* Mean Flow —*— Historic* Min Flow —◆— 2021-2022 Mean Flow —■— 2020-2021 Mean Flow

*1901-2016

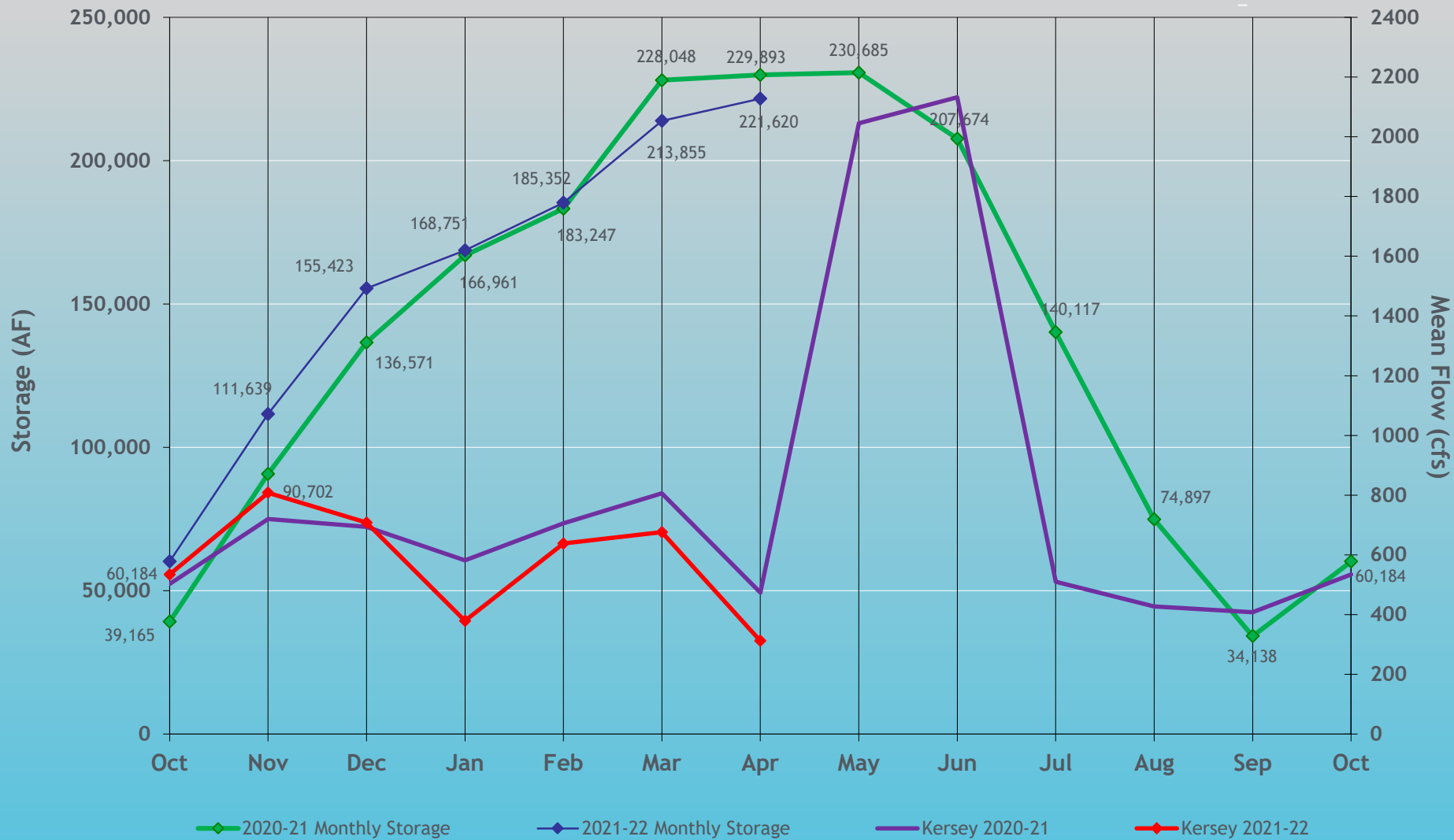


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Reservoir Storage below Kersey

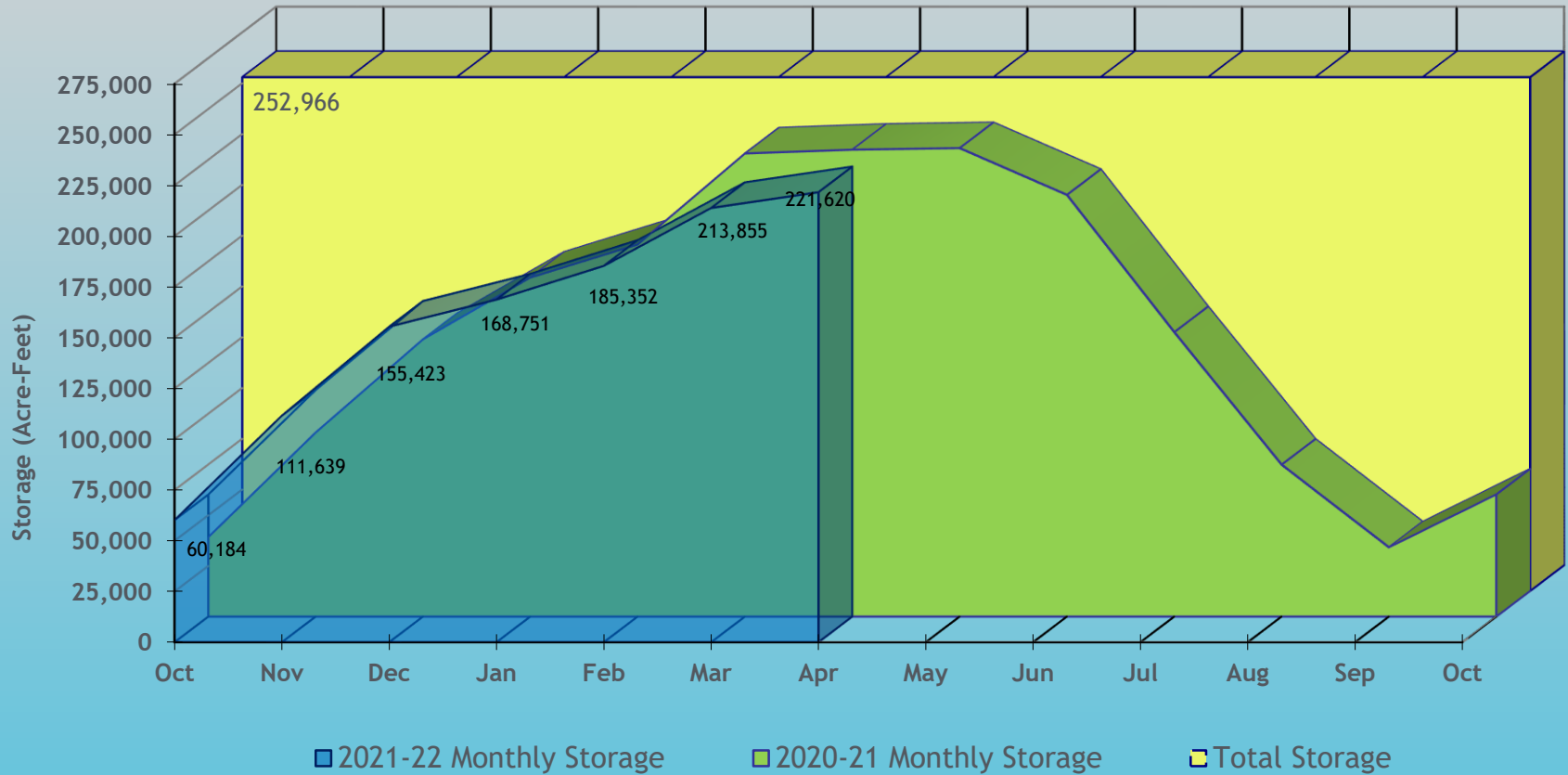
Selected Reservoirs*



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



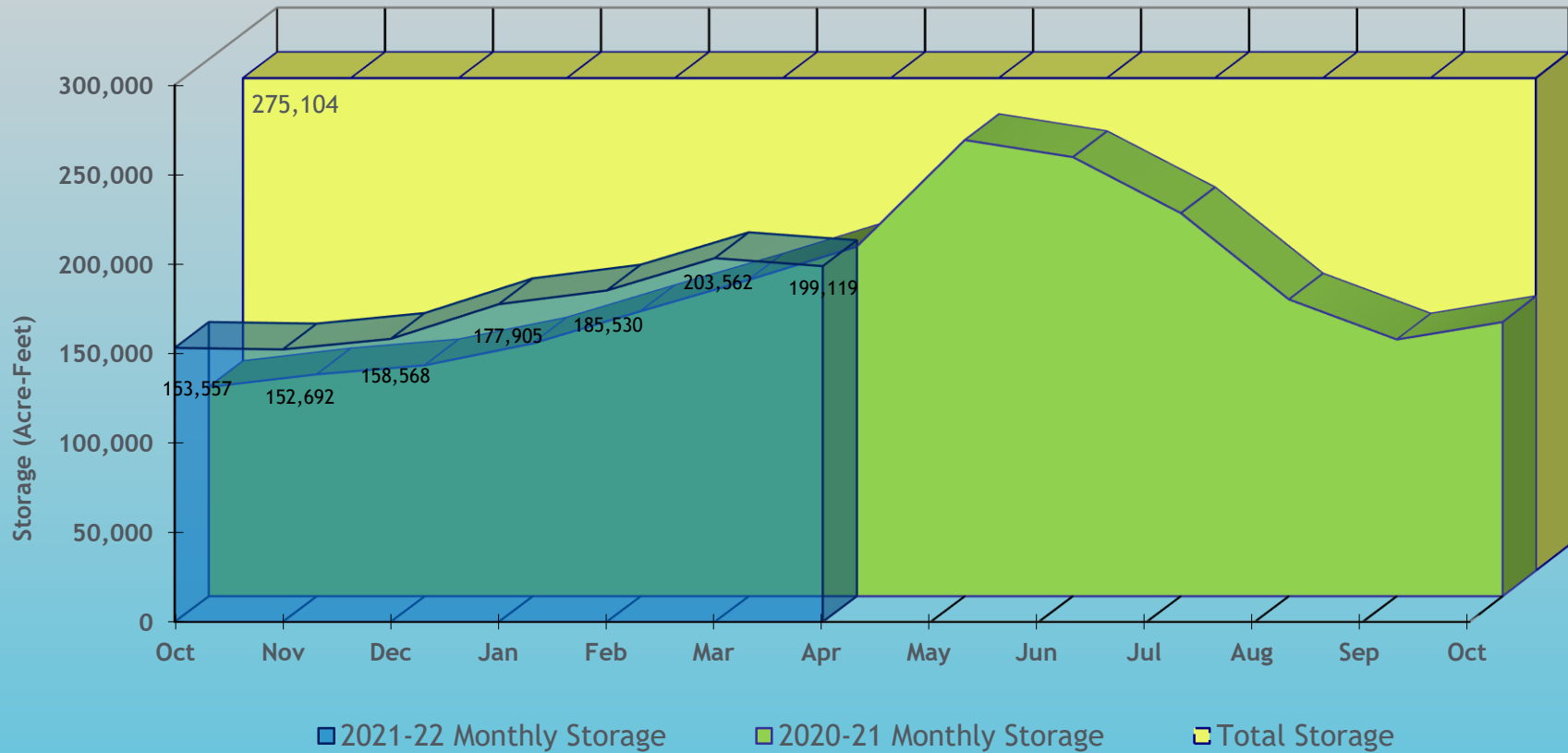
South Platte Reservoir Storage below Kersey*



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



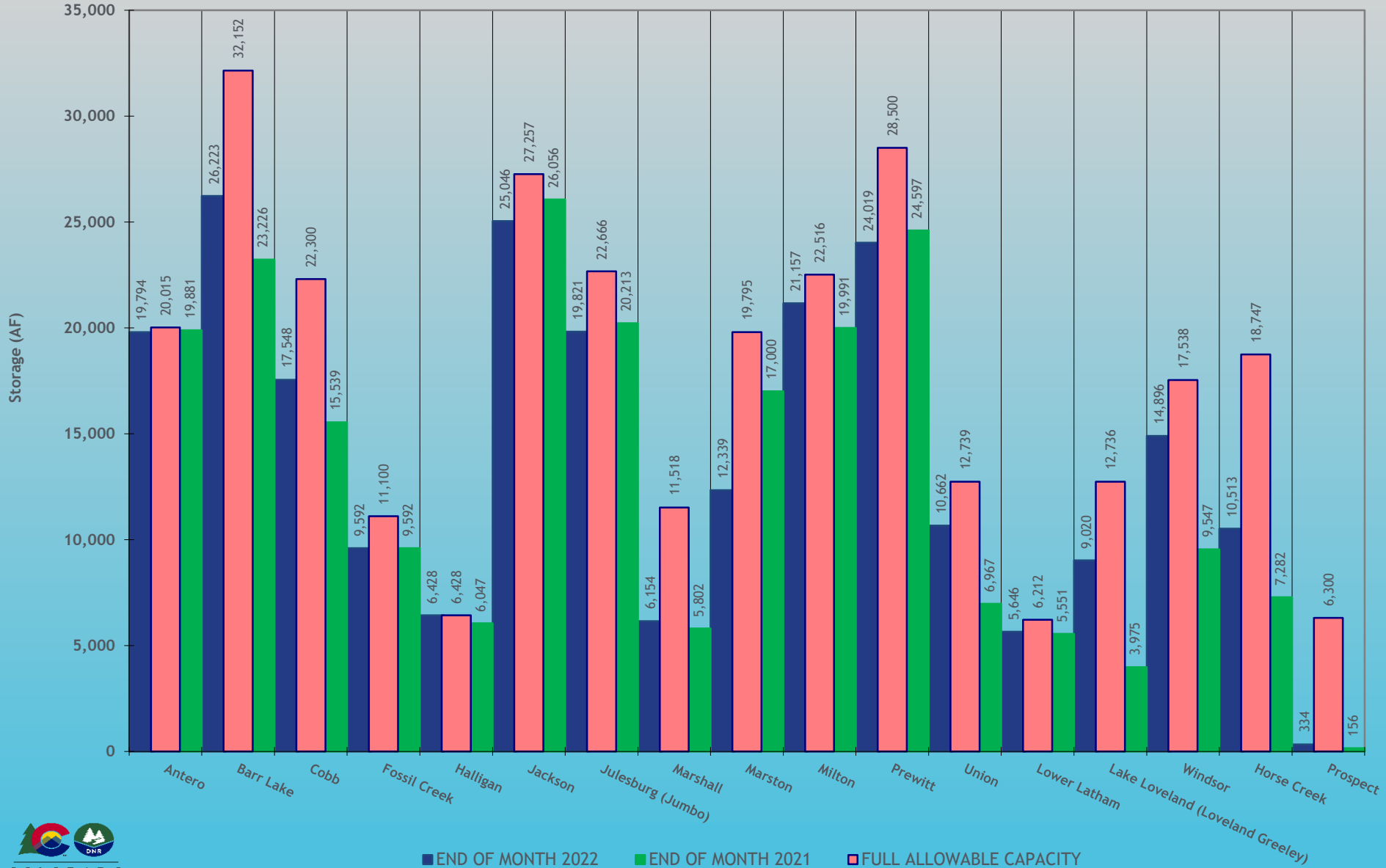
South Platte Reservoir Storage above Kersey*



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

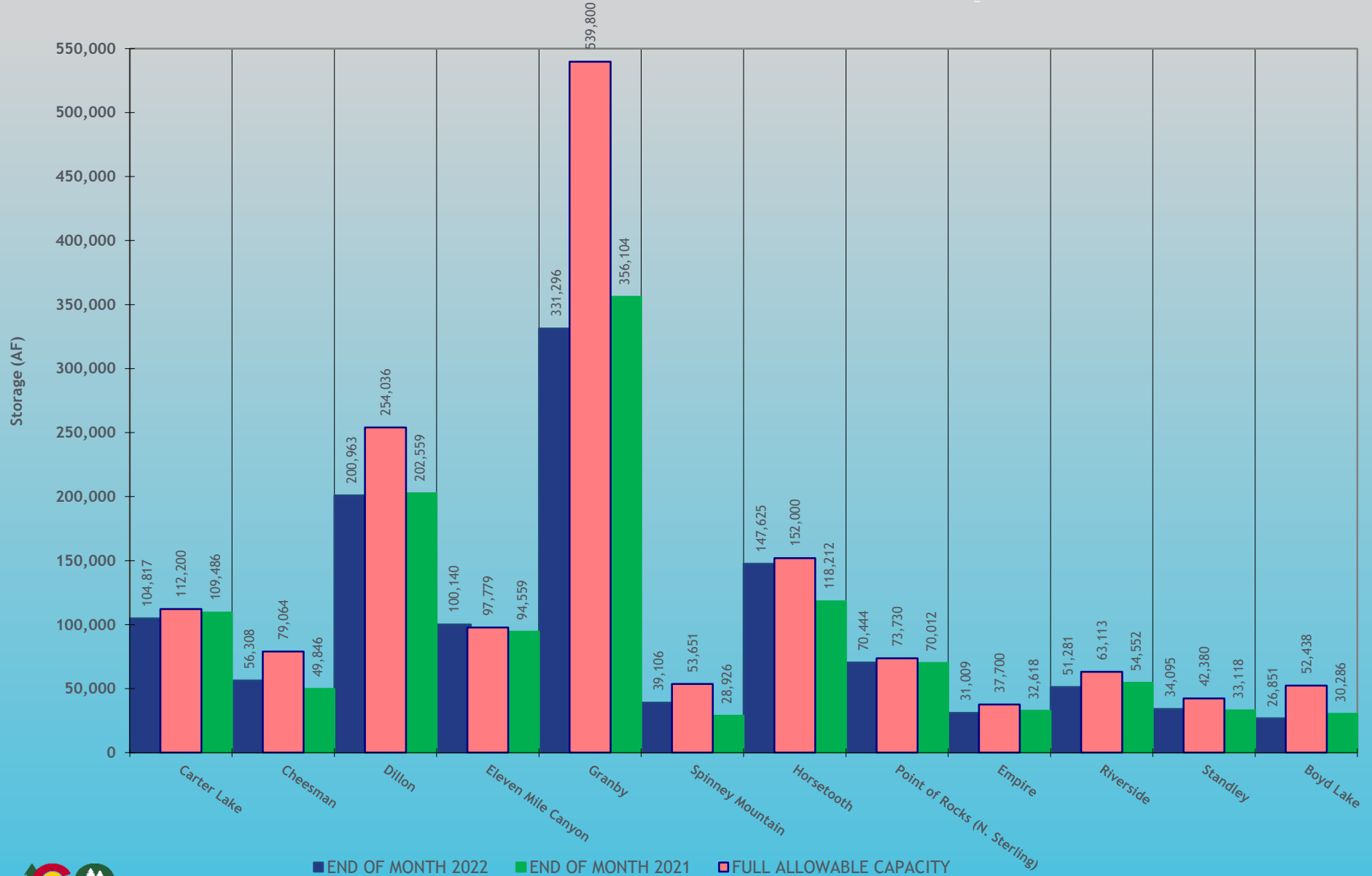


April Reservoir Change in Storage IY2021 versus IY2022



■ END OF MONTH 2022 ■ END OF MONTH 2021 ■ FULL ALLOWABLE CAPACITY

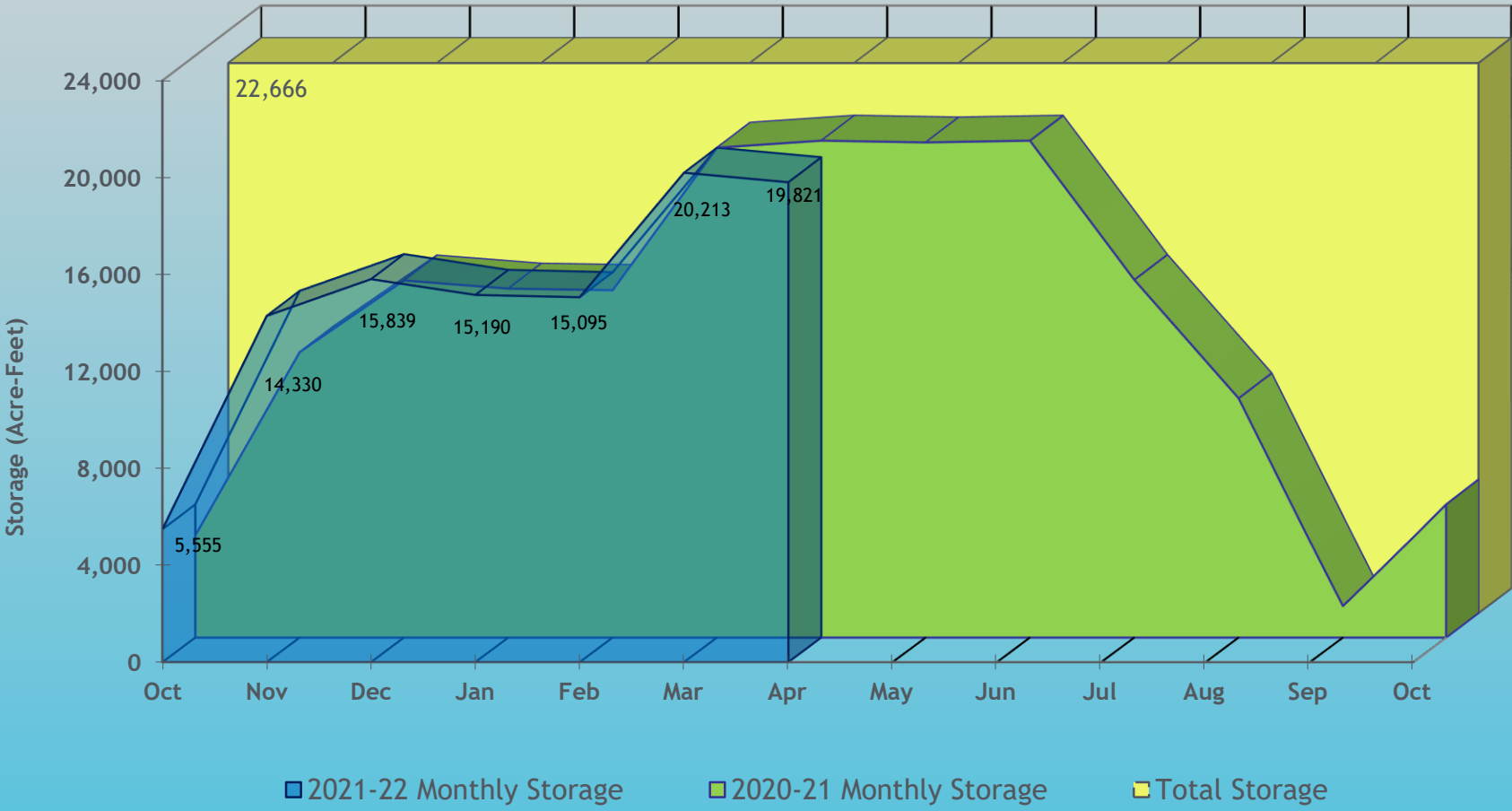
April Reservoir Change in Storage IY2021 versus IY2022



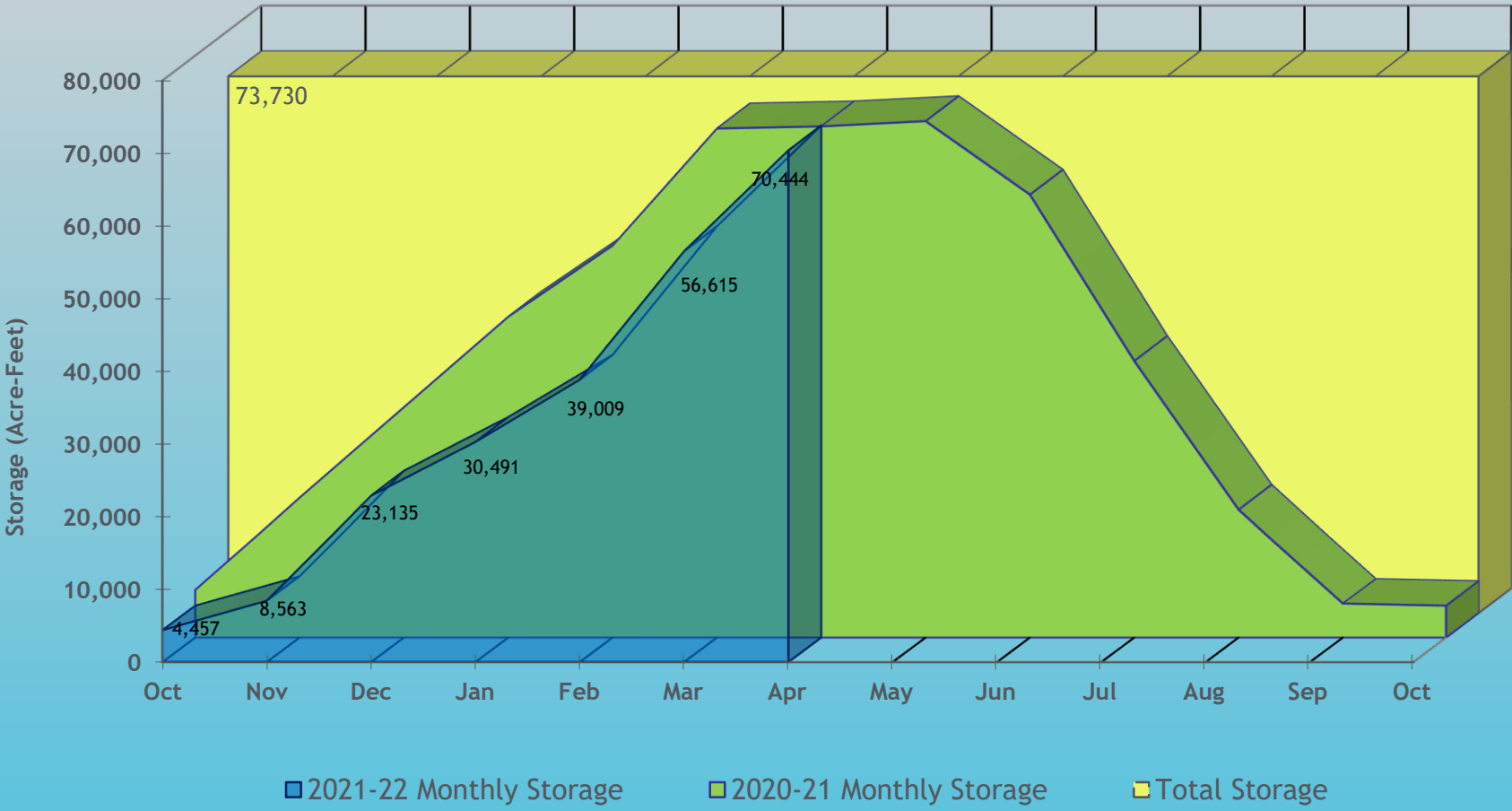
■ END OF MONTH 2022 ■ END OF MONTH 2021 ■ FULL ALLOWABLE CAPACITY



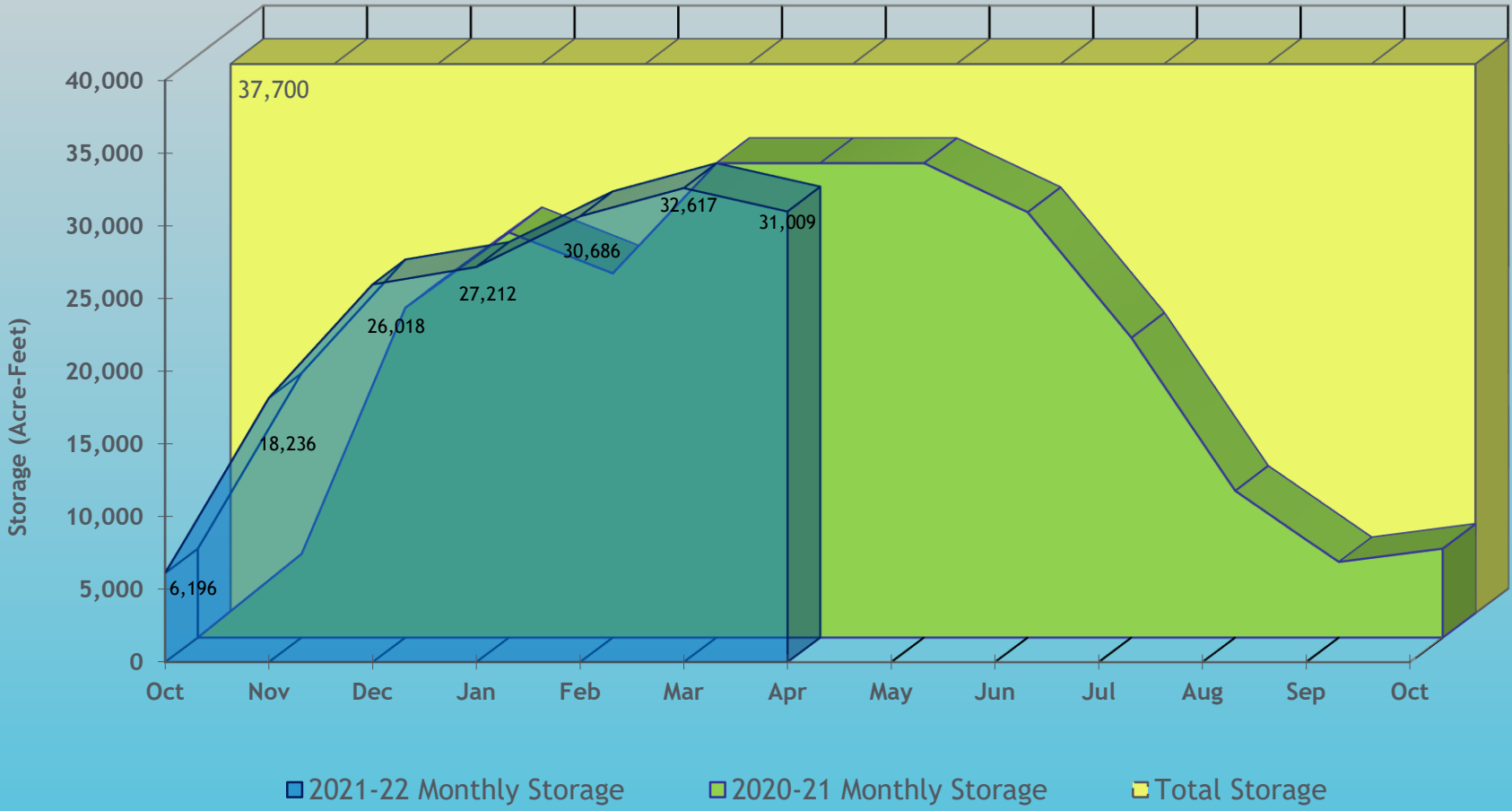
Julesburg Reservoir (District 64 - Agricultural)



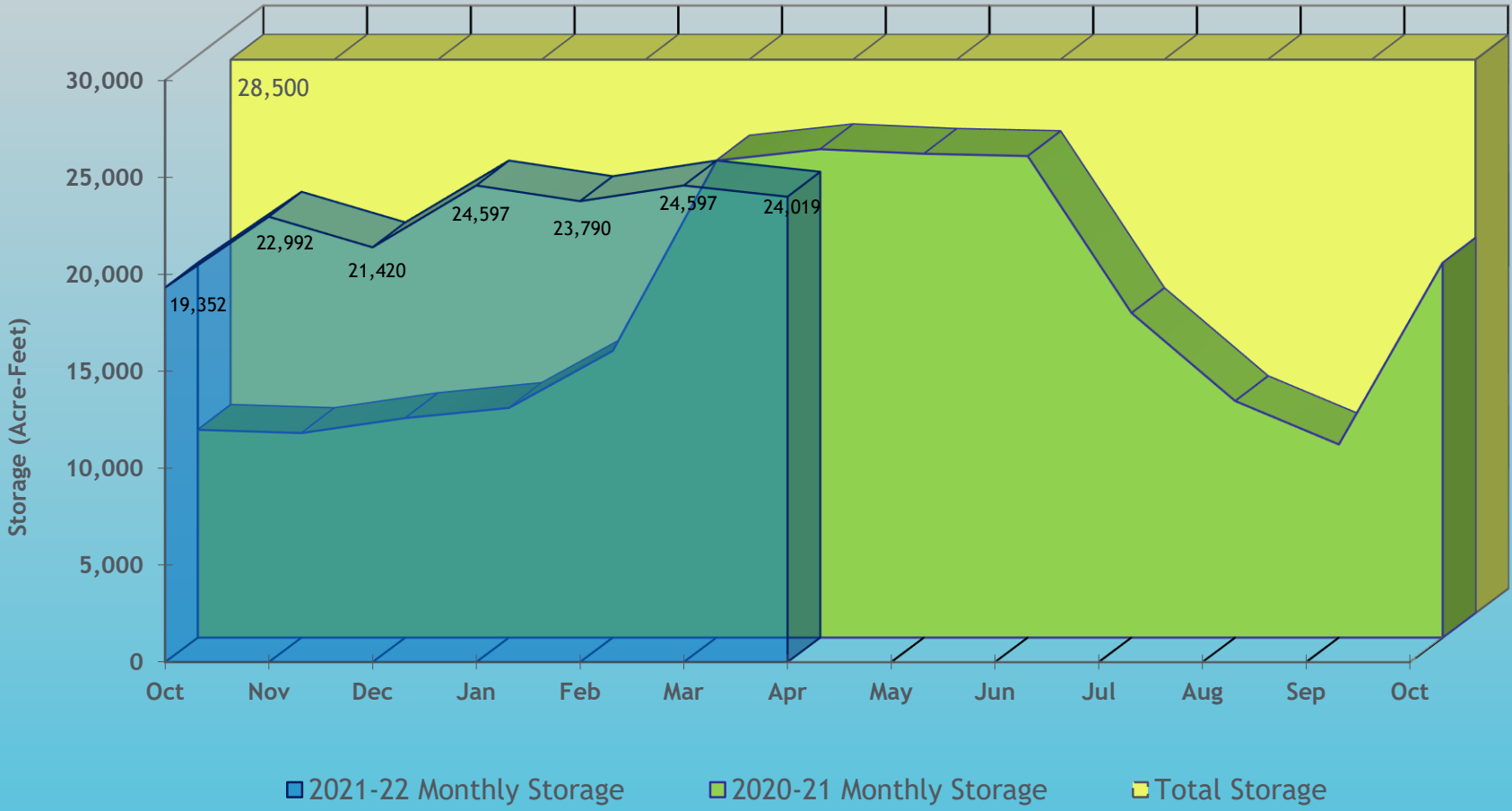
North Sterling Reservoir (District 64 - Agricultural)



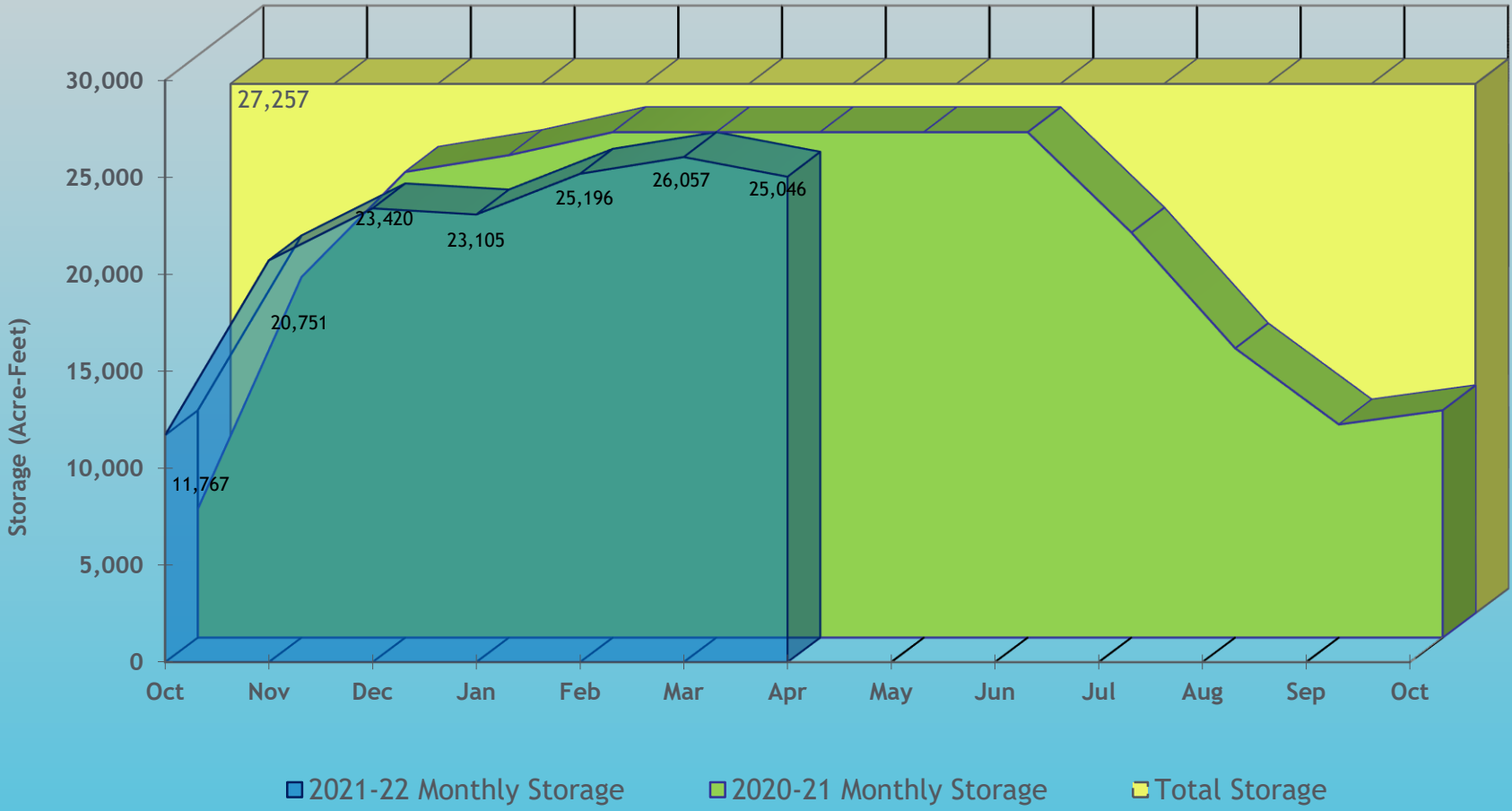
Empire Reservoir (District 1 - Agricultural)



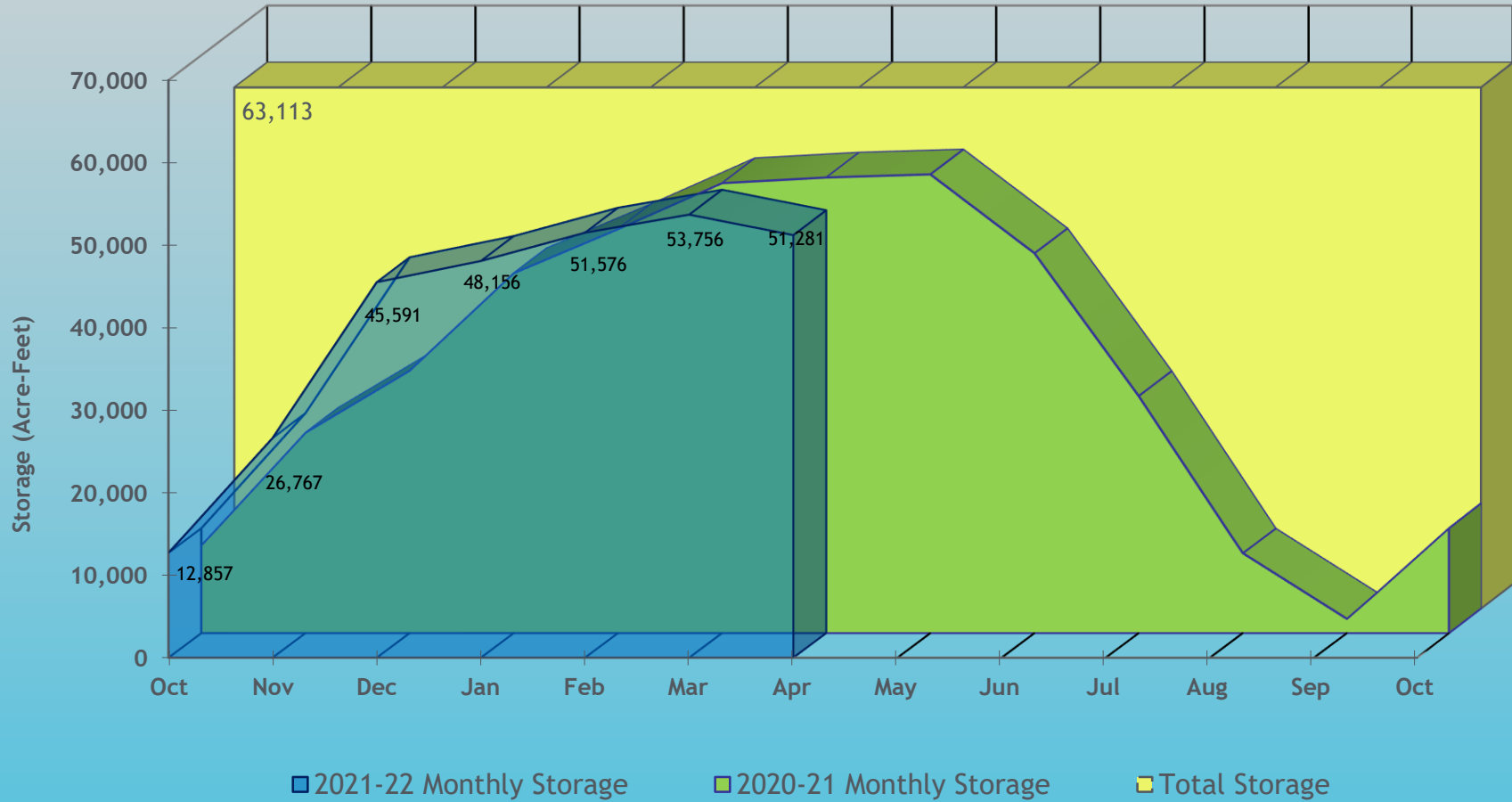
Prewitt Reservoir (District 64 - Agricultural)



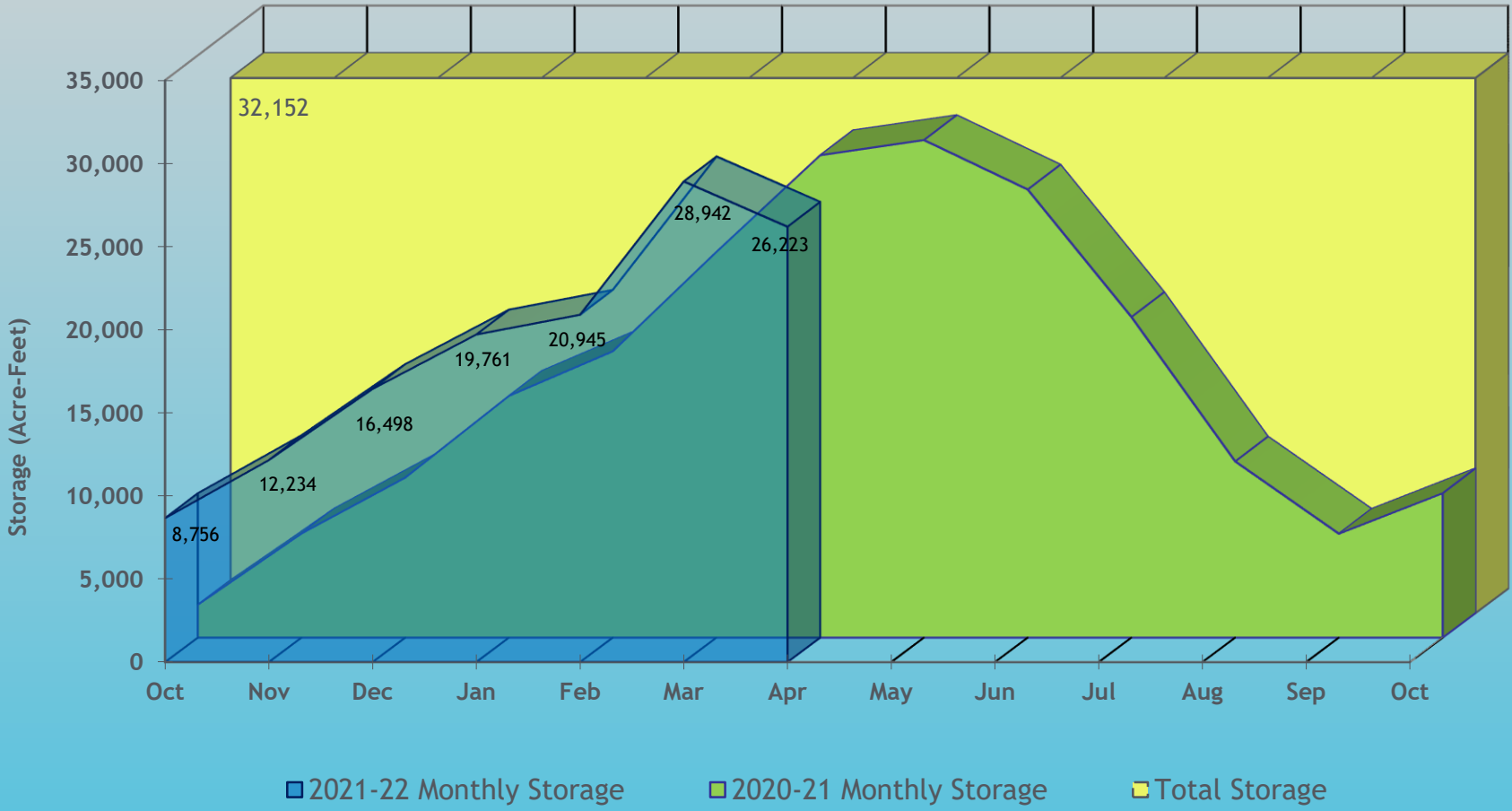
Jackson Reservoir (District 1 - Agricultural)



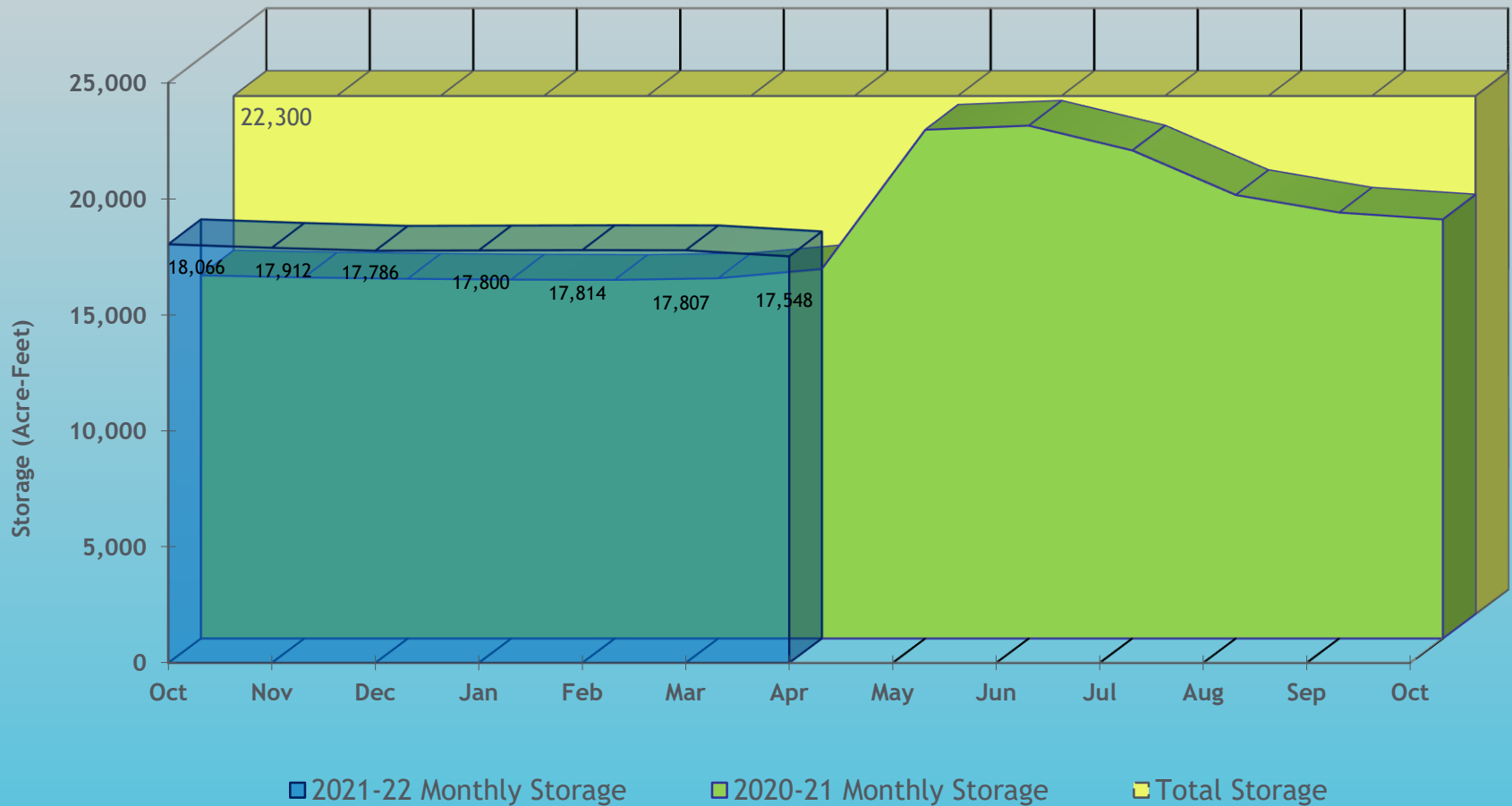
Riverside Reservoir (District 1 - Agricultural)



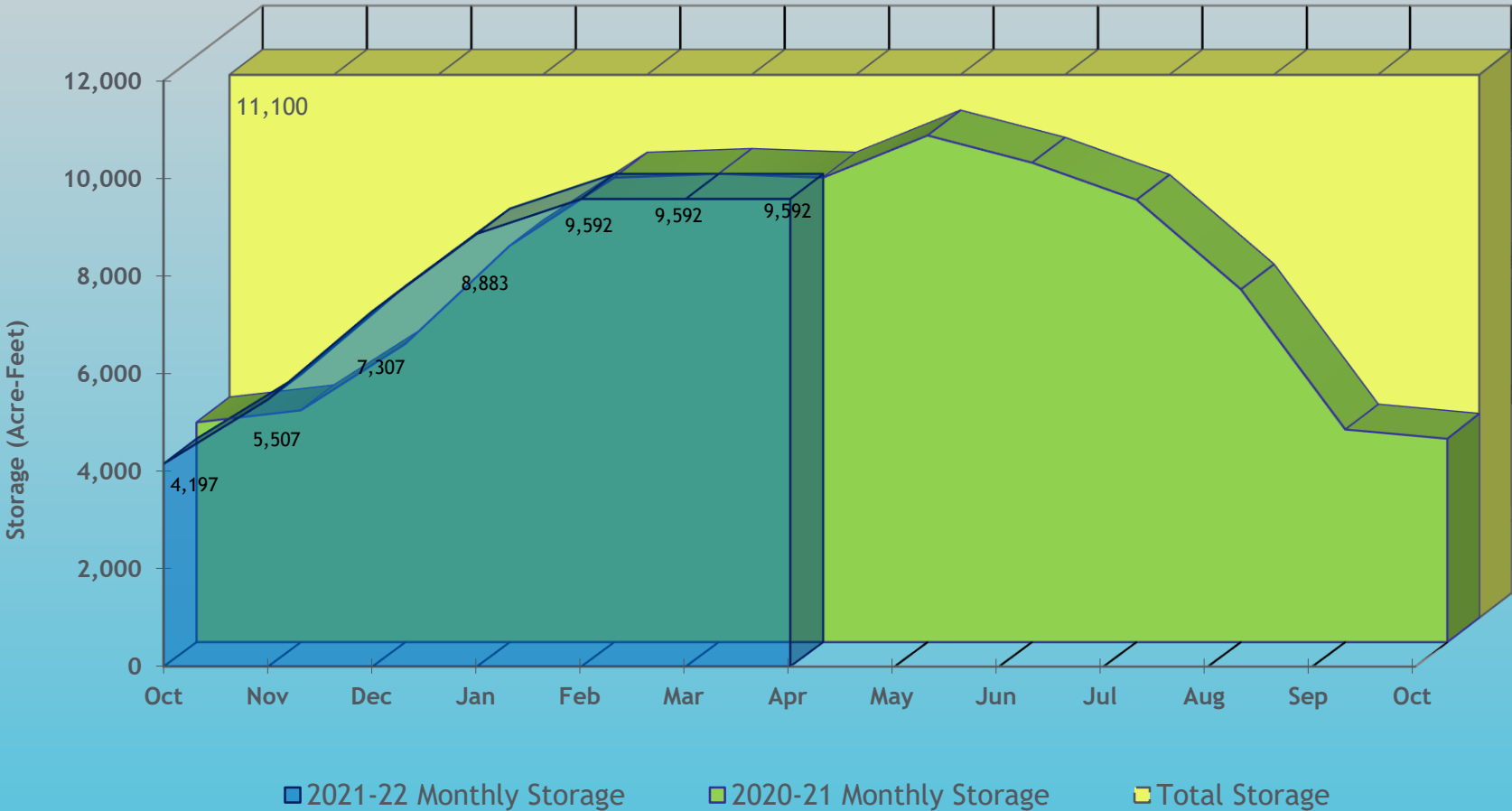
Barr Reservoir (District 2 - Agricultural)



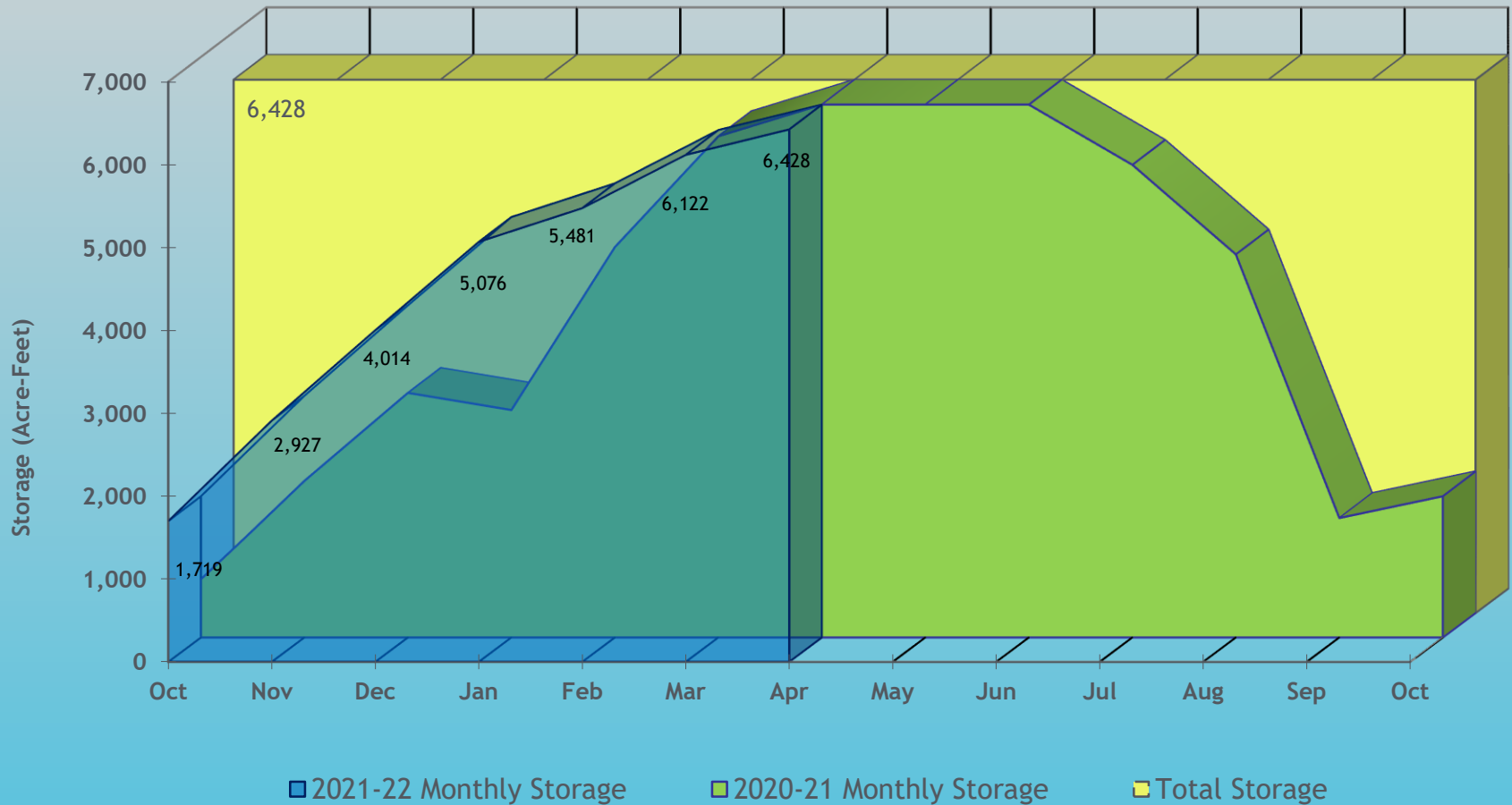
Cobb Reservoir (District 3, Poudre River - Agricultural)



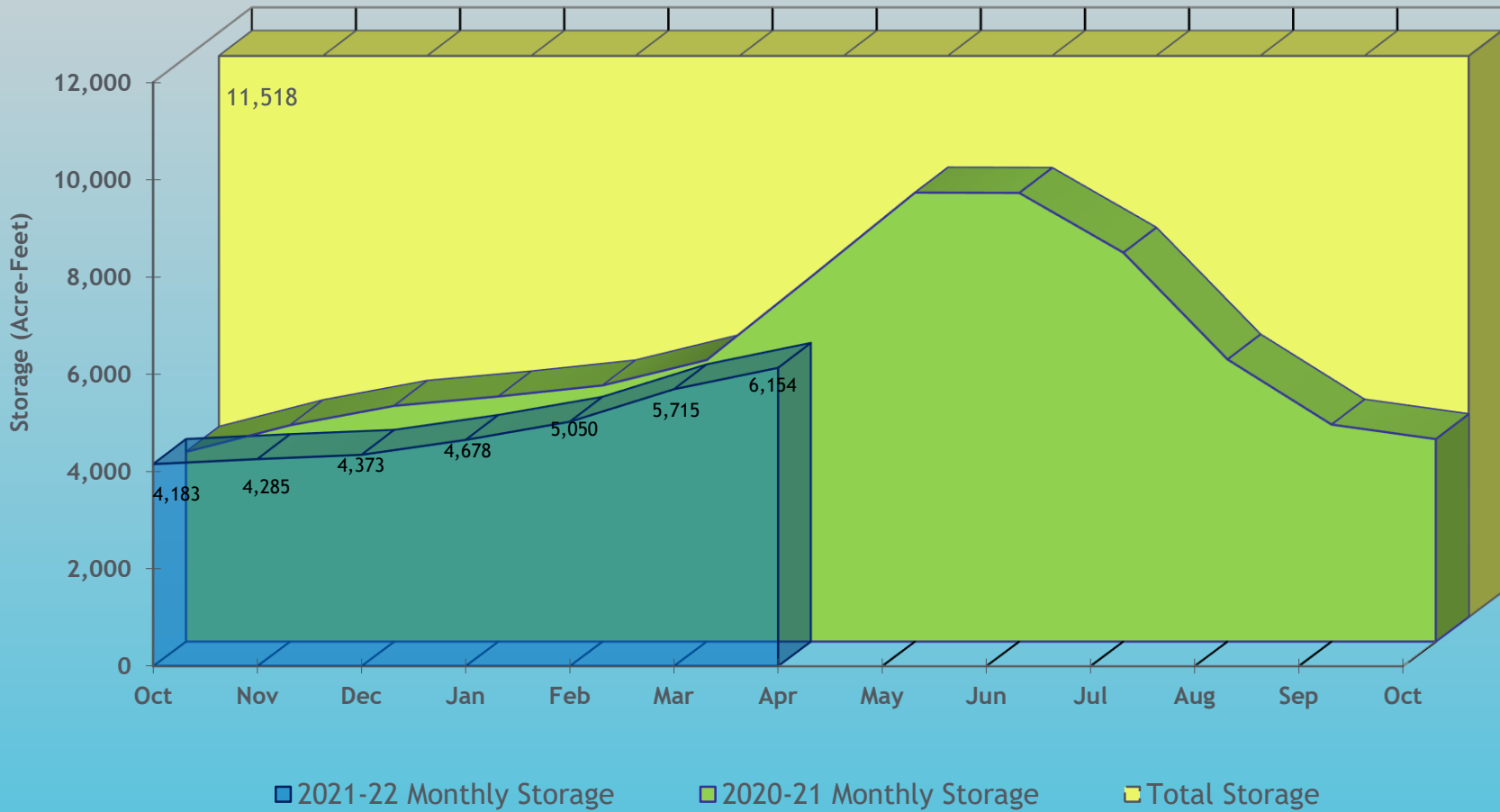
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



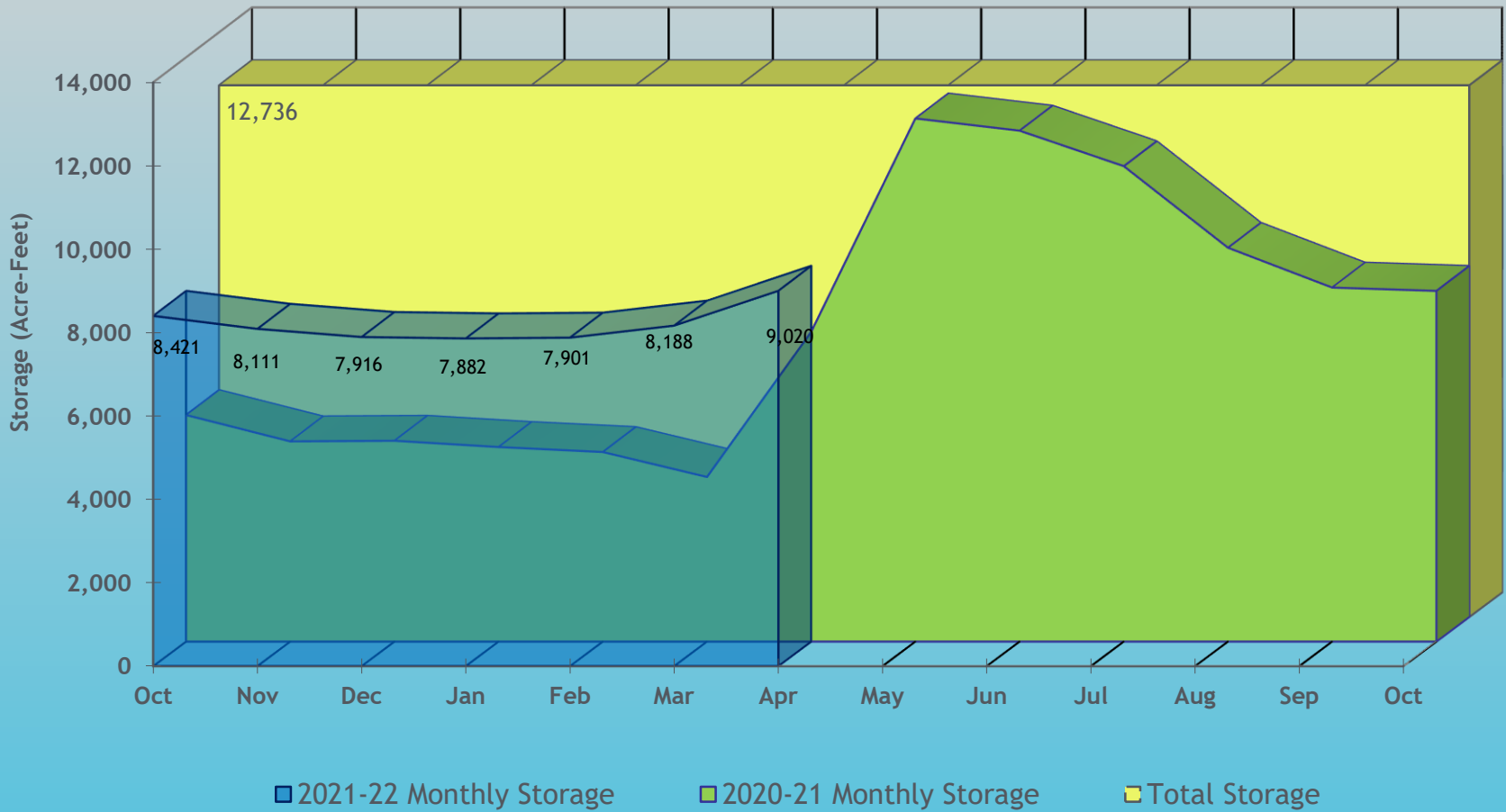
Halligan Reservoir (District 3, Poudre River - Agricultural)



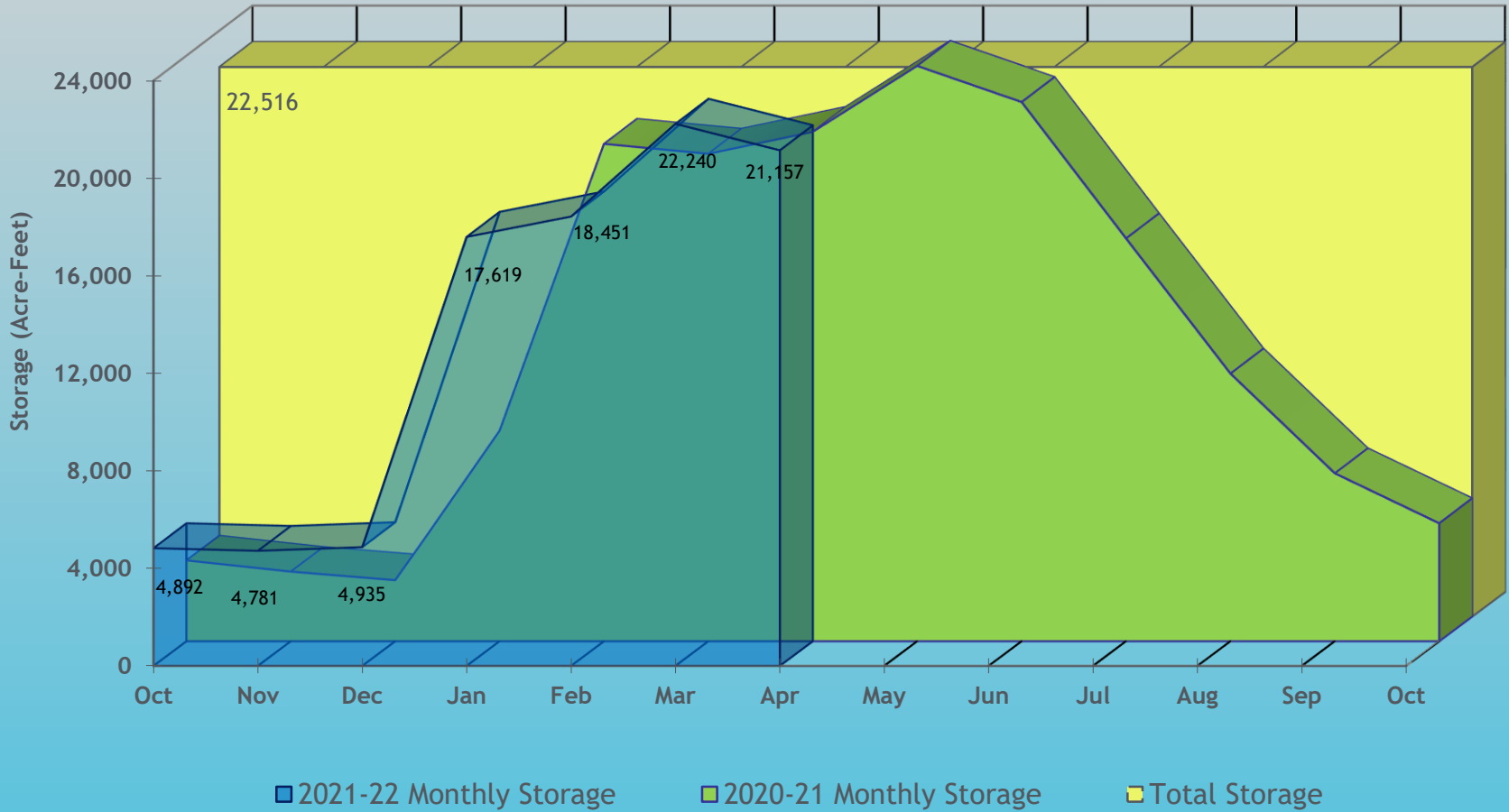
Marshall Lake (District 6, Boulder Creek - Agricultural)



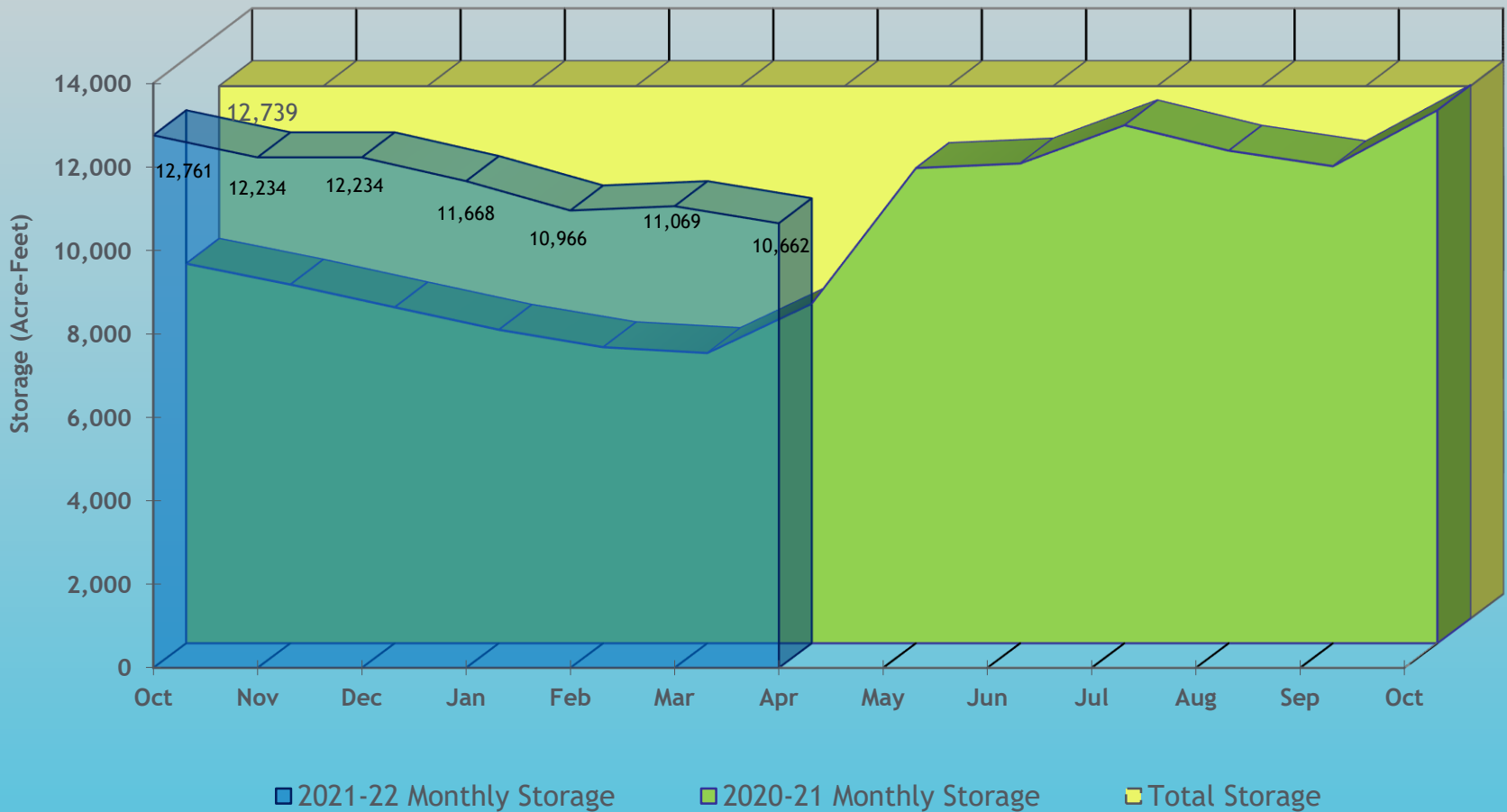
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



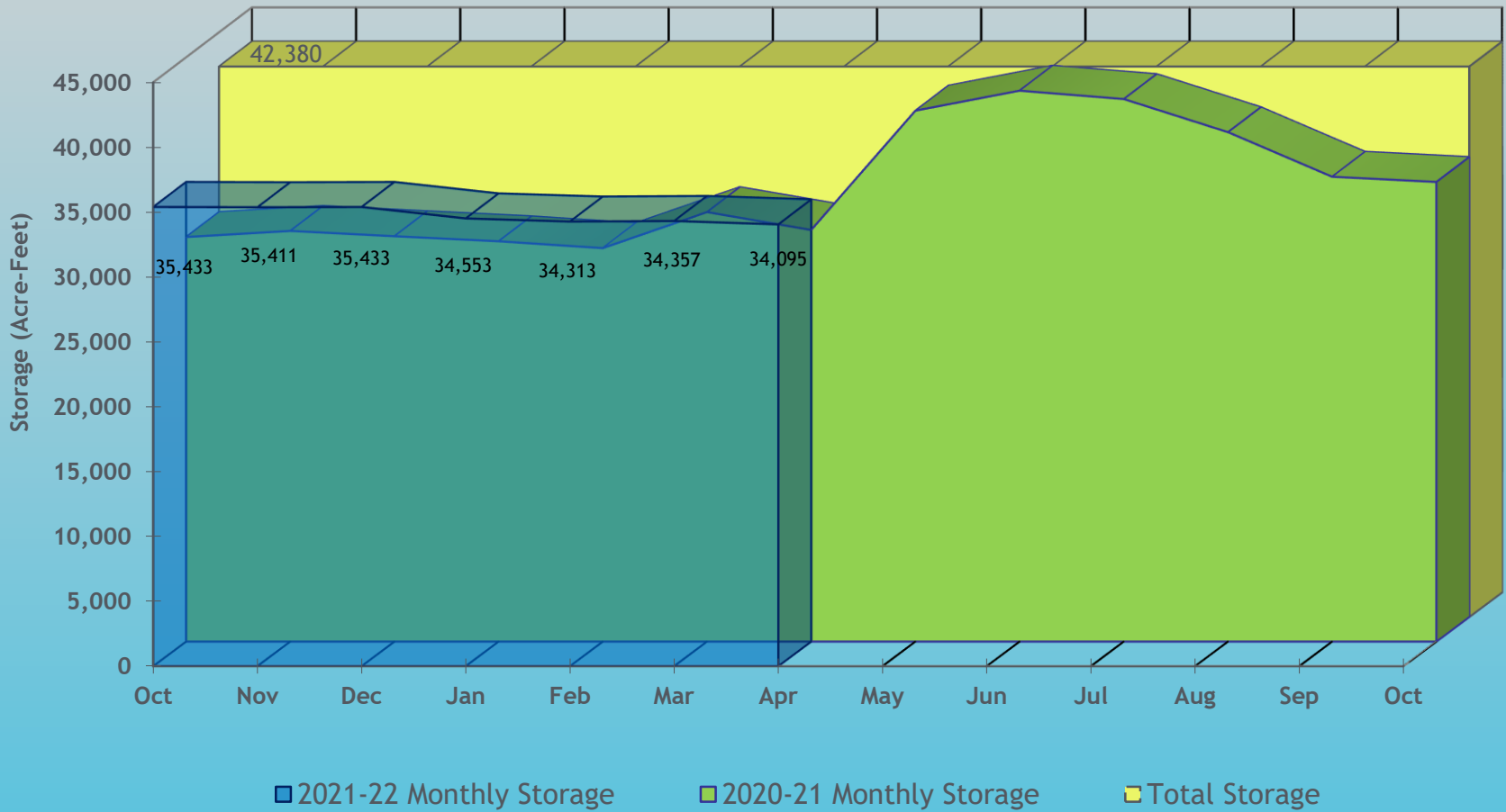
Milton Reservoir (District 2 - Agricultural)



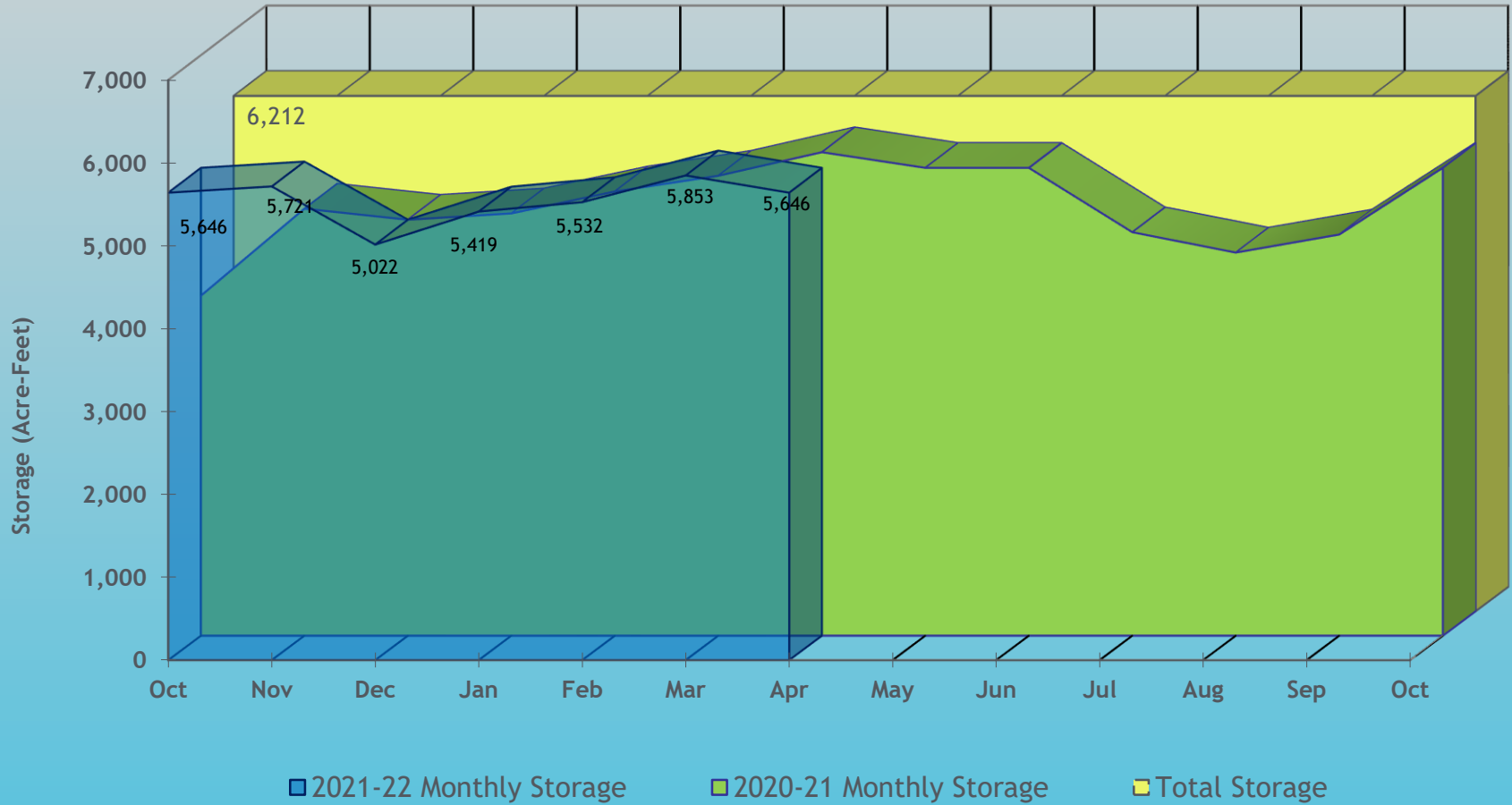
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



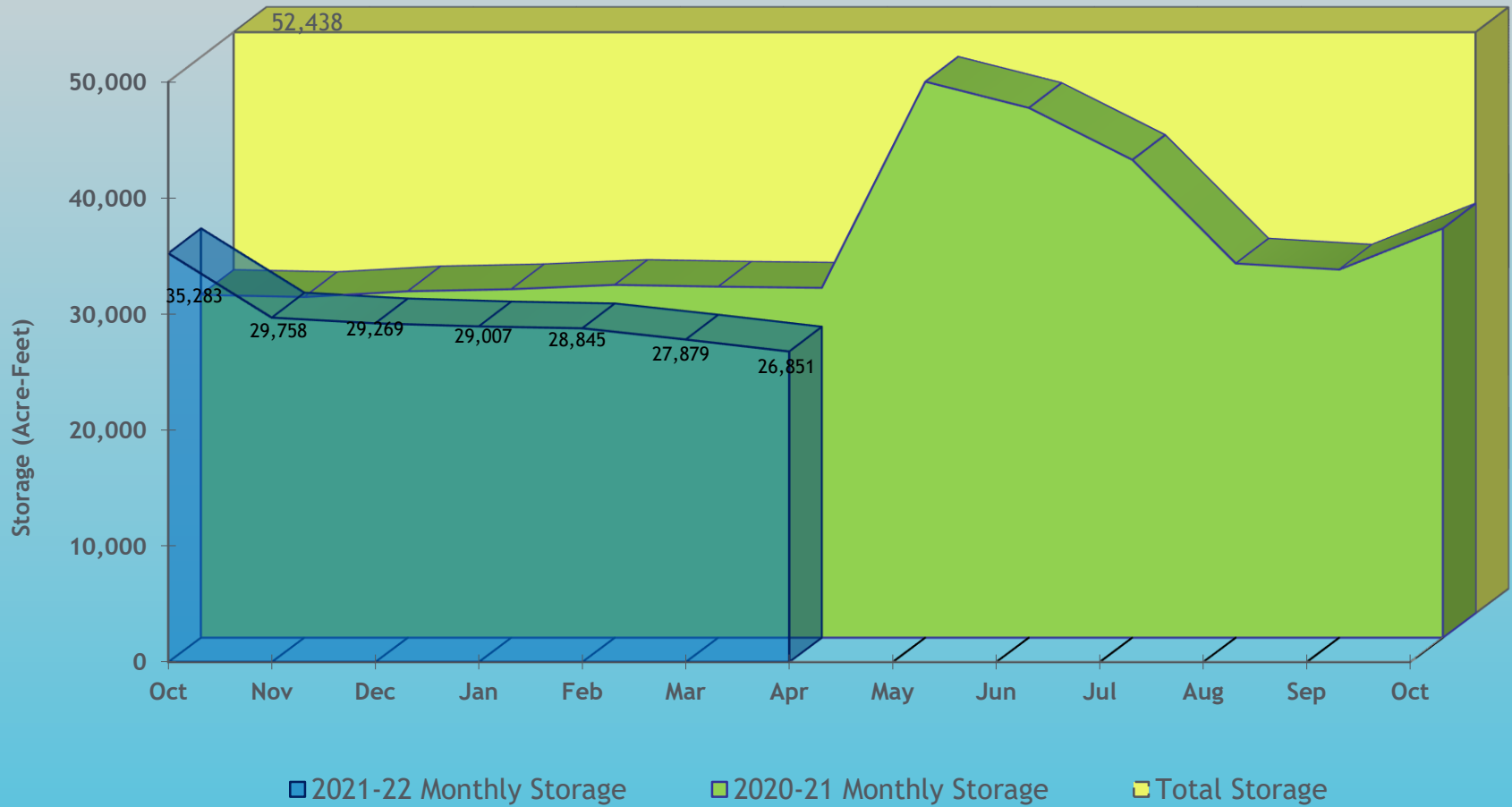
Standley Lake (Agricultural)



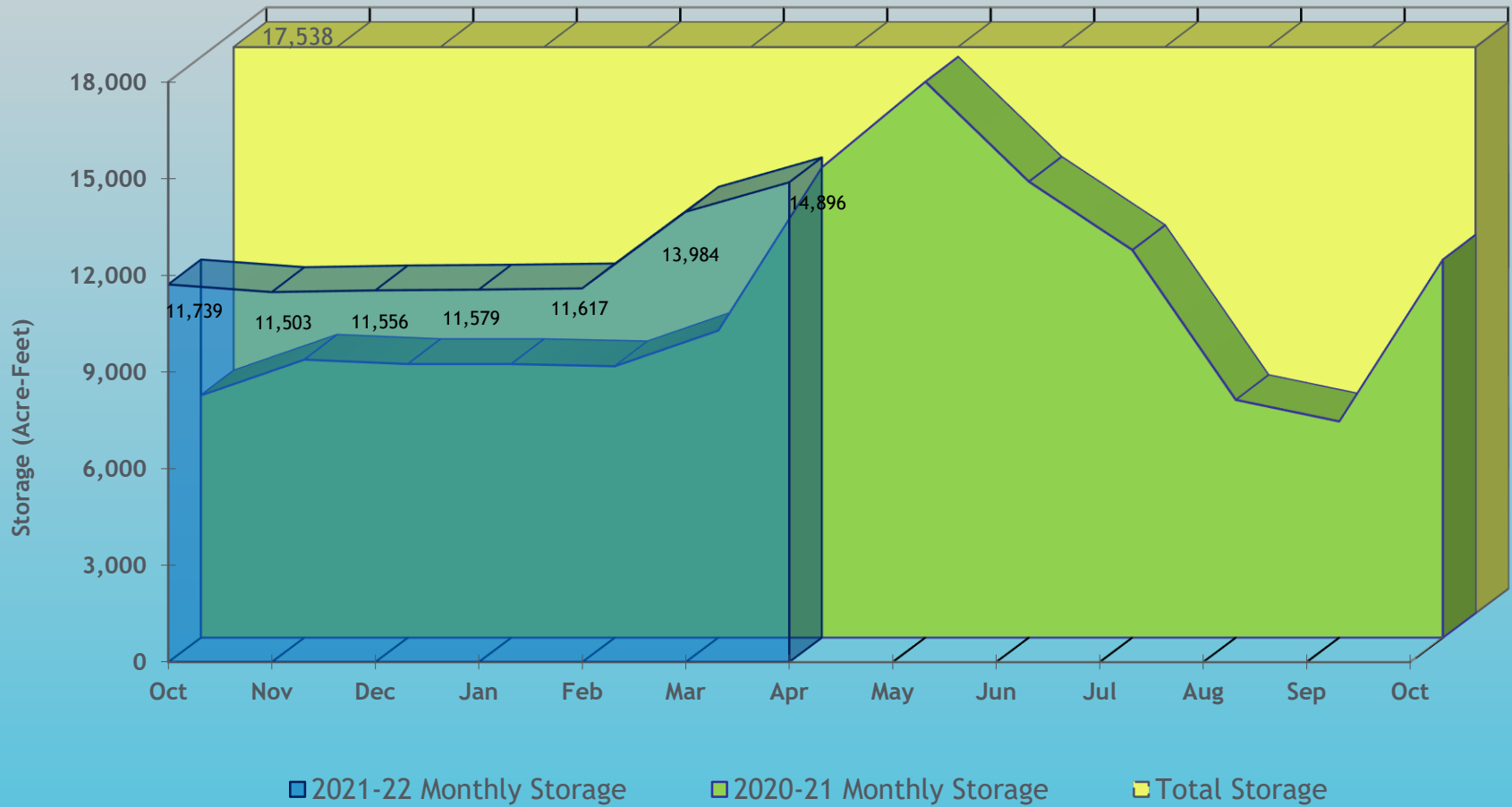
Lower Latham Reservoir (District 2 - Agricultural)



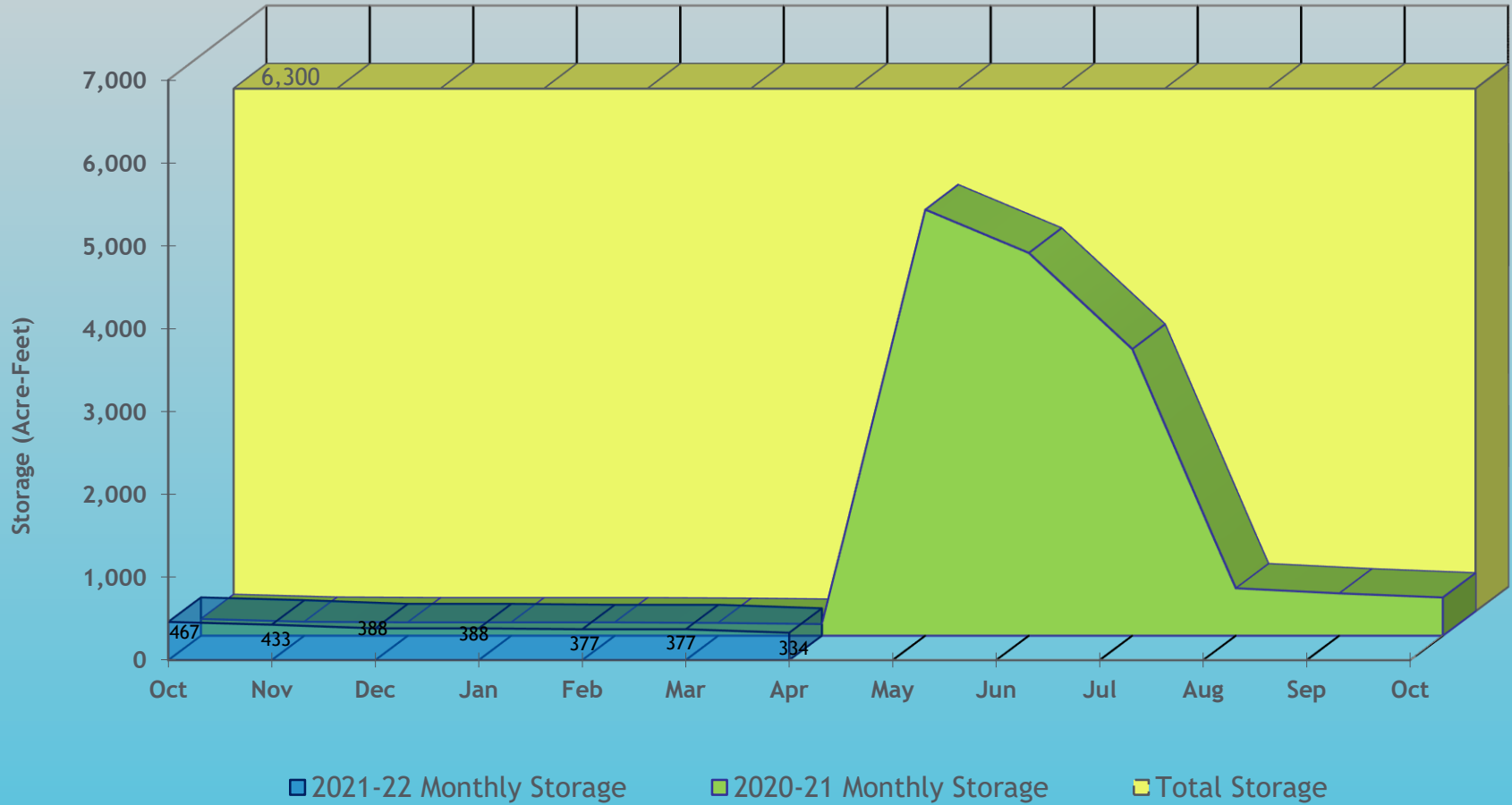
Boyd Lake (District 4, Big Thompson River - Agricultural)



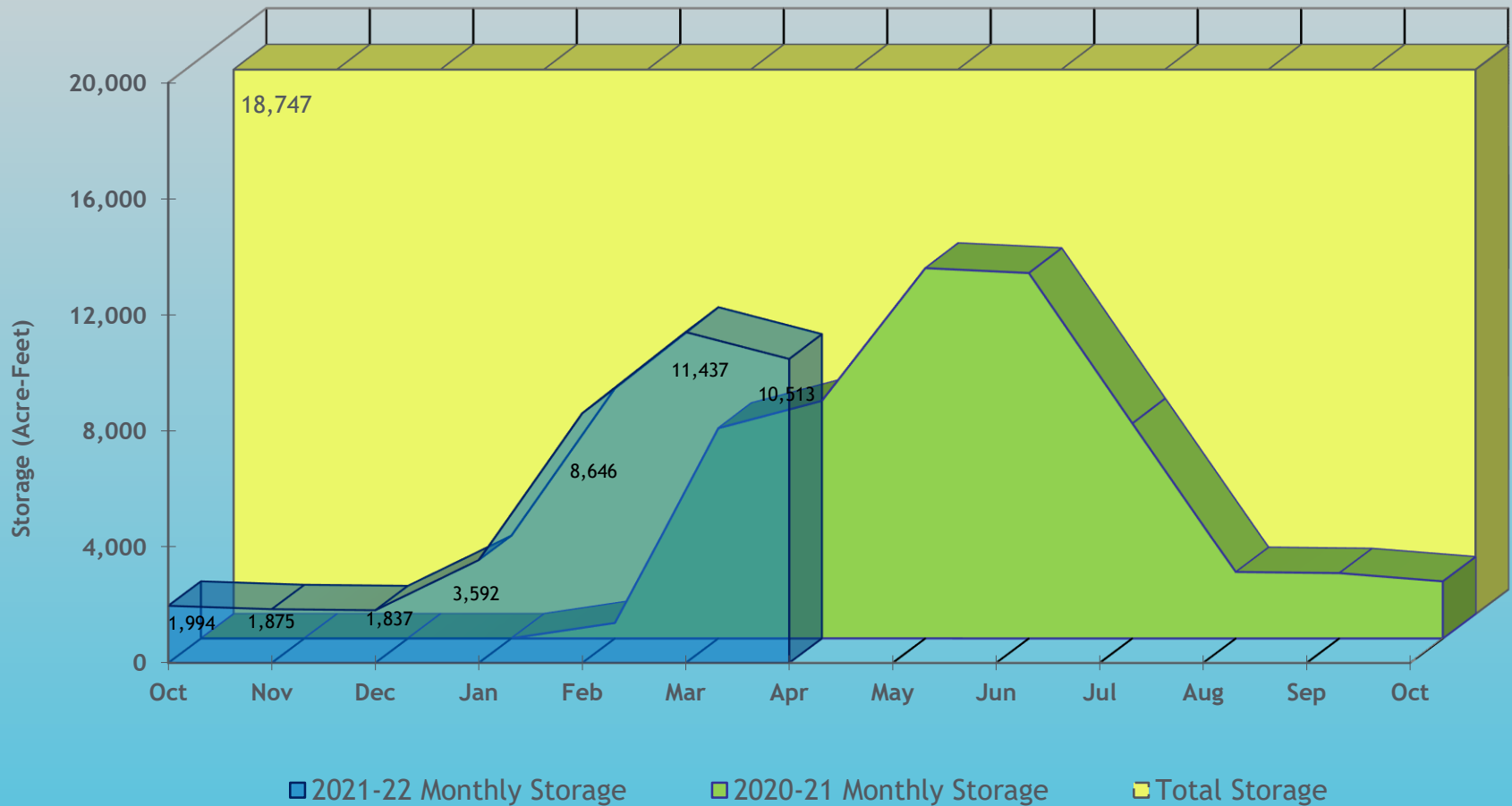
Windsor Reservoir (District 3, Poudre River - Agricultural)



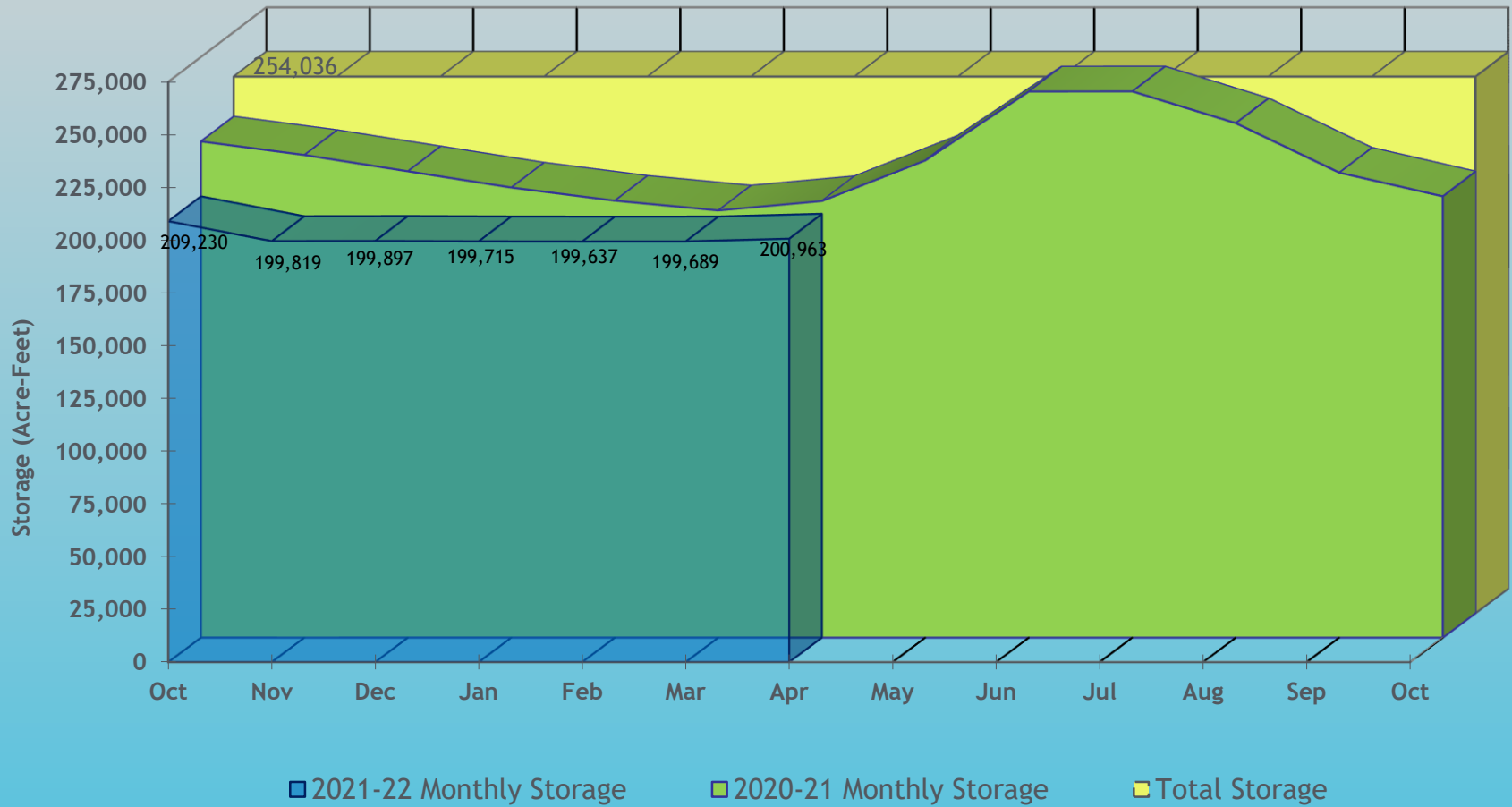
Prospect Reservoir (District 1 - Agricultural)



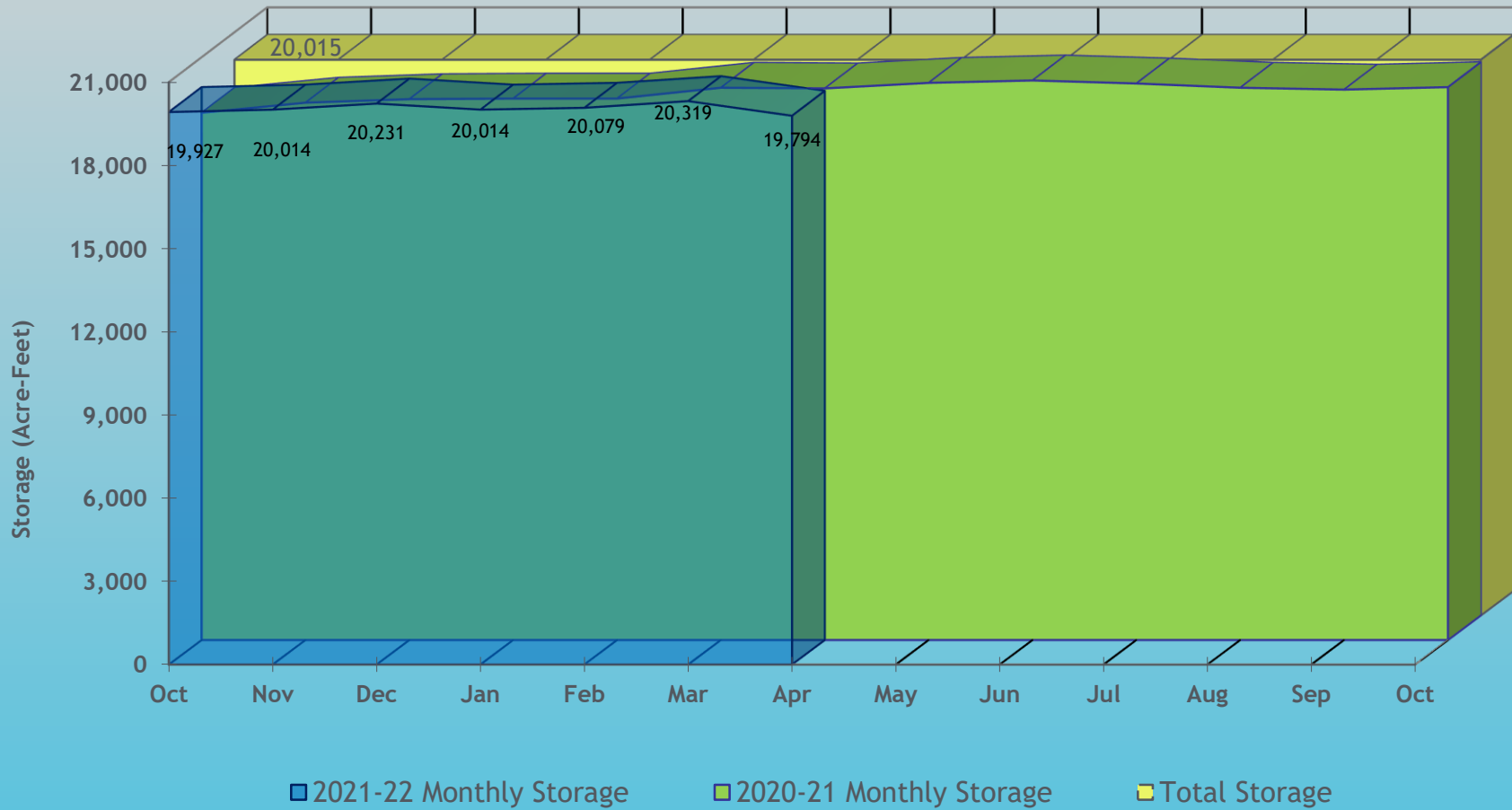
Horse Creek Reservoir (District 1 - Agricultural)



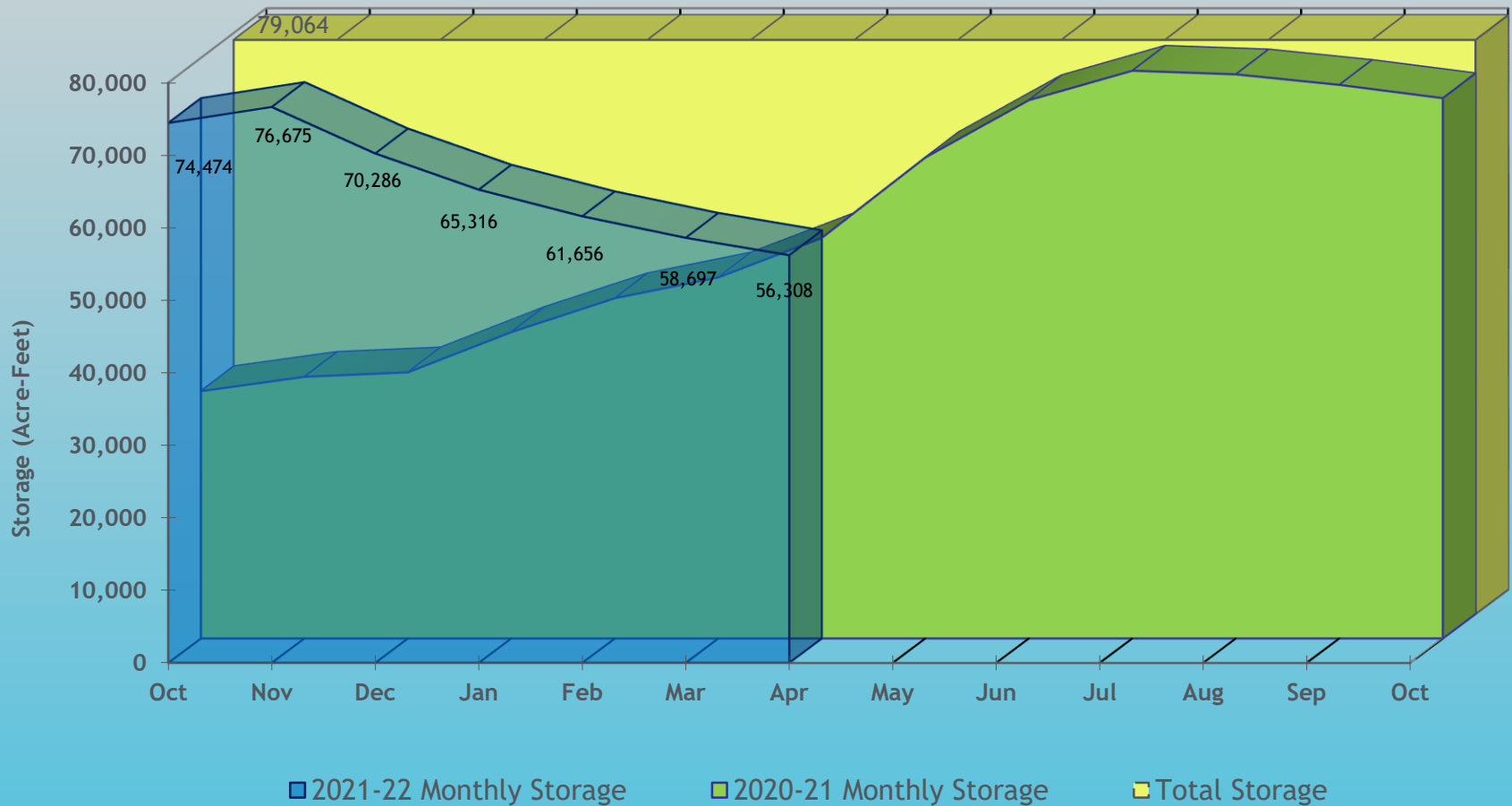
Dillon Reservoir (District 1 - Municipal)



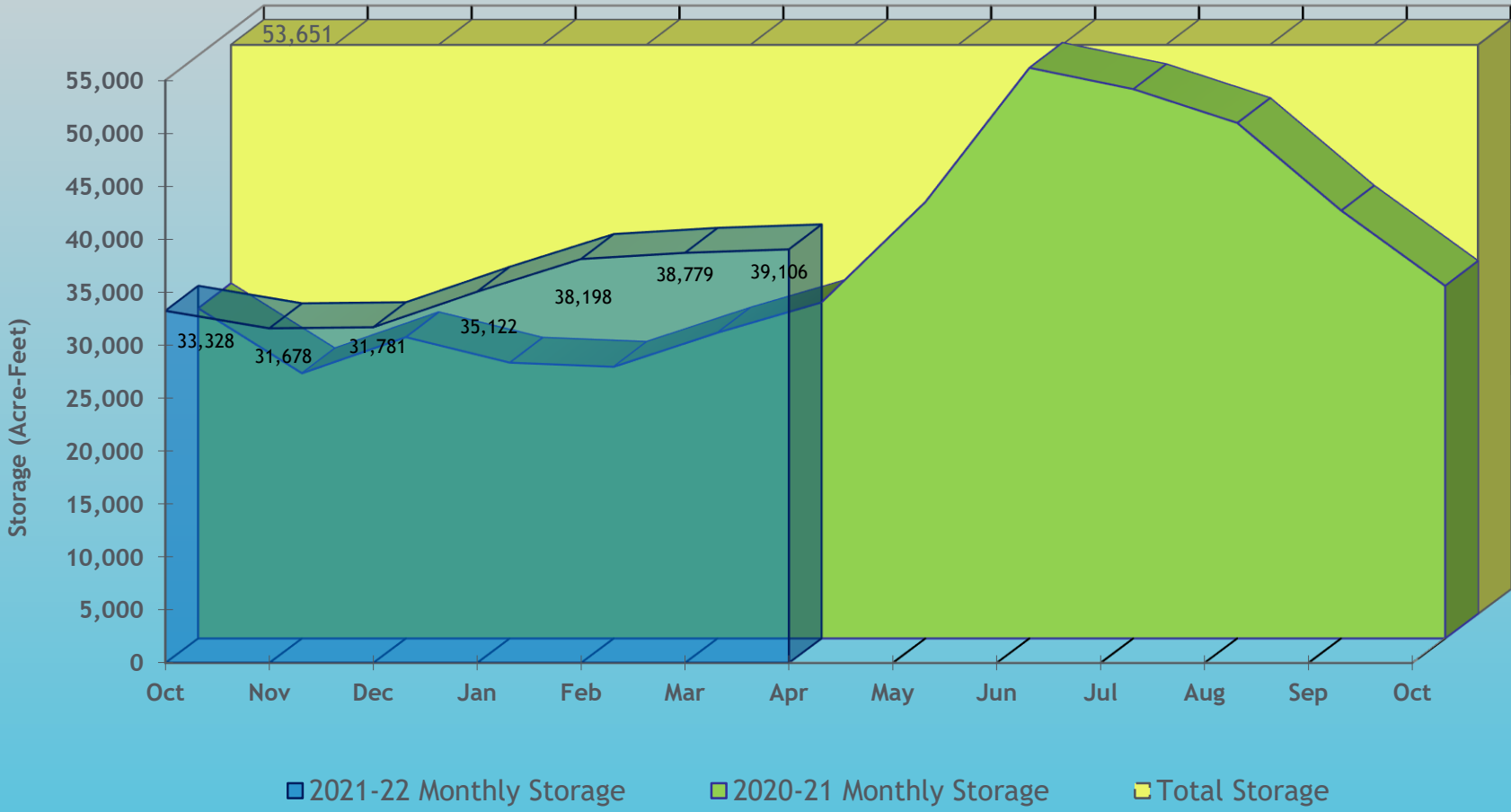
Antero Reservoir (District 23 - Municipal)



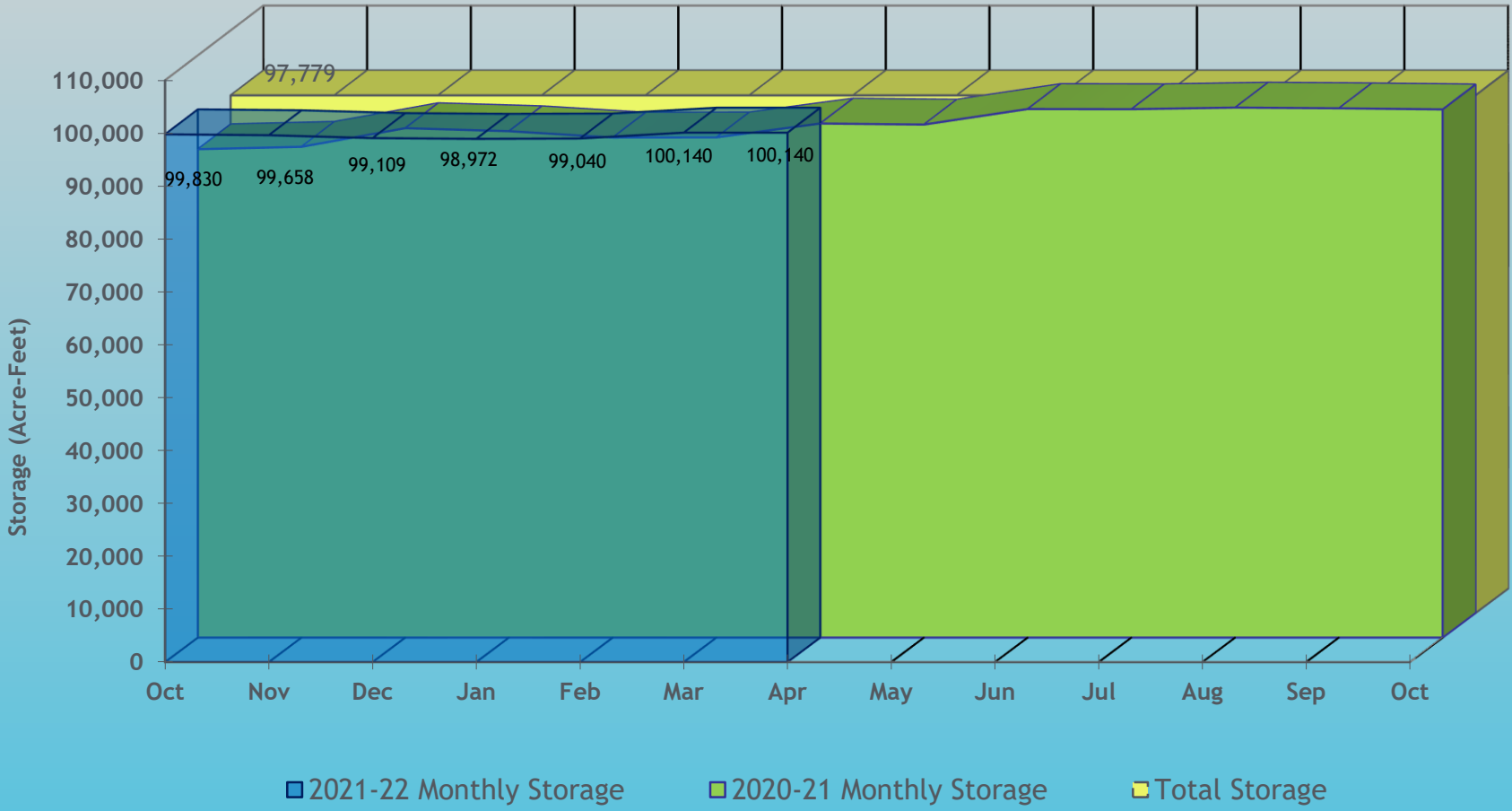
Cheesman Reservoir (District 80 - Municipal)



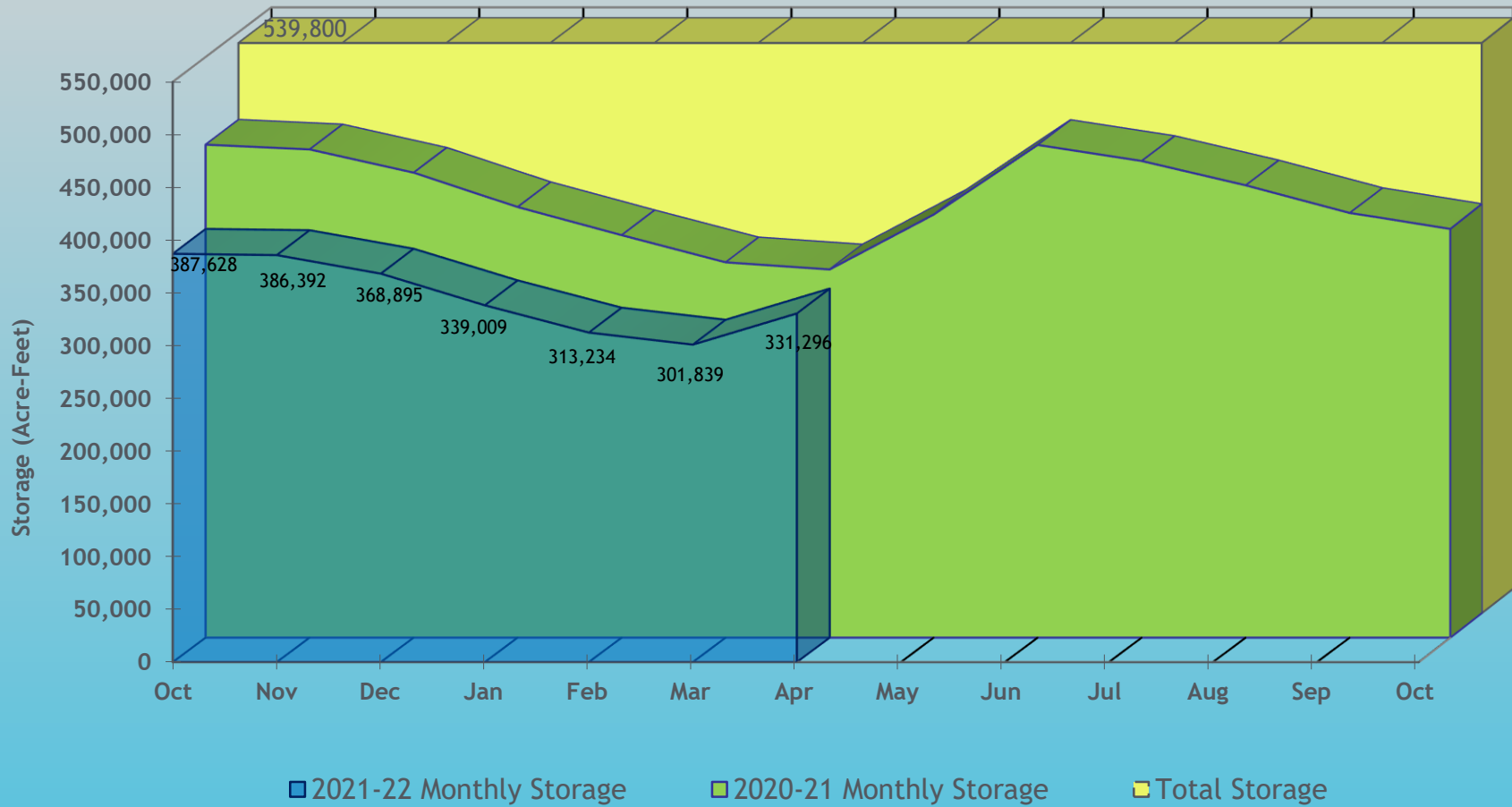
Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby





All data is collected by the personnel of
Division 1 and is subject to revision.