



COLORADO
Department of Natural Resources

South Platte Summary November 2018

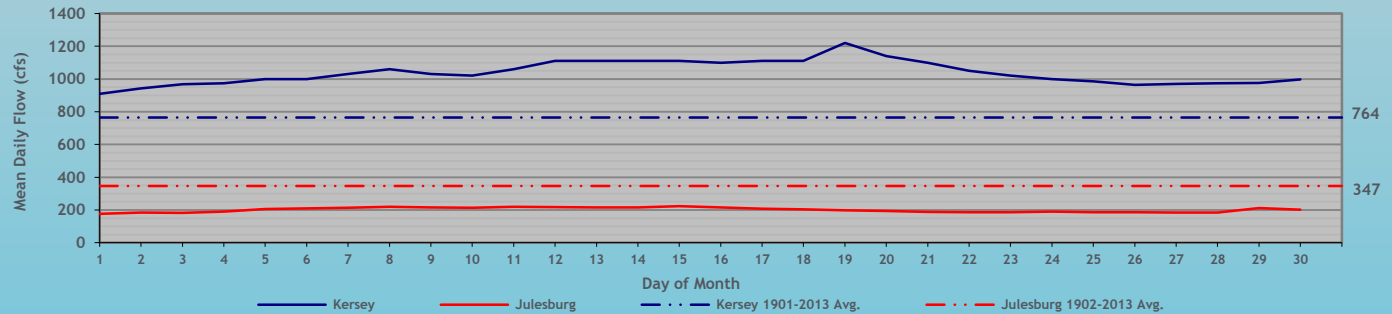
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

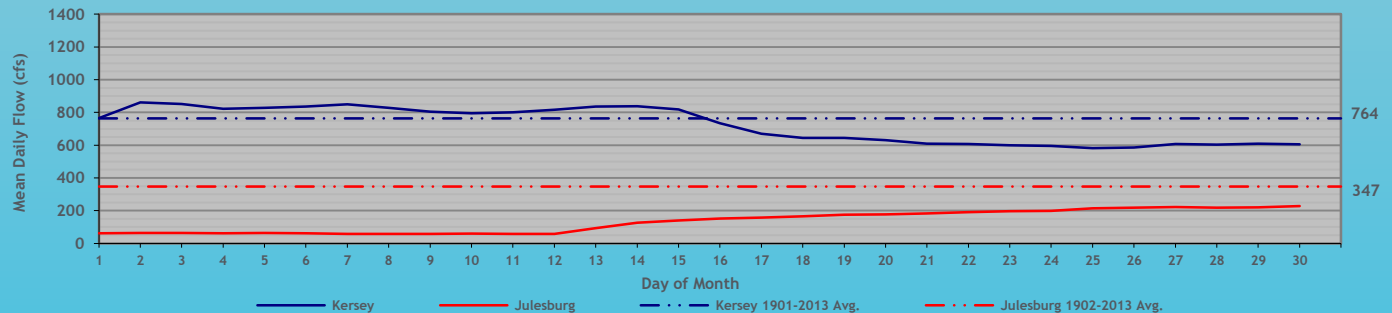
MONTH OF November 2018

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	13,176	16,592	64	3,416	26%	73%	73%	0
N STERLING	73,730	16,020	30,491	64	14,471	90%	41%	42%	0
PREWITT	28,500	16,670	16,569	64	-101	-1%	58%	42%	0
JACKSON	27,257	19,496	24,228	1	4,732	24%	89%	89%	0
EMPIRE	37,700	2,407	17,126	1	14,719	612%	45%	68%	0
RIVERSIDE	63,113	12,638	25,507	1	12,869	102%	40%	66%	0
BARR LAKE	32,152	7,113	11,856	2	4,743	67%	37%	87%	0
CHEESMAN	79,064	55,353	59,473	80	4,120	7%	75%	94%	0
ELEVEN MILE	97,779	100,209	100,036	23	-173	0%	100%	100%	2,257
SPINNEY	53,651	32,322	29,471	23	-2,851	-9%	55%	77%	0
ANTERO	20,015	18,732	18,879	23	147	1%	94%	100%	0

KERSEY and JULESBURG
November 2017

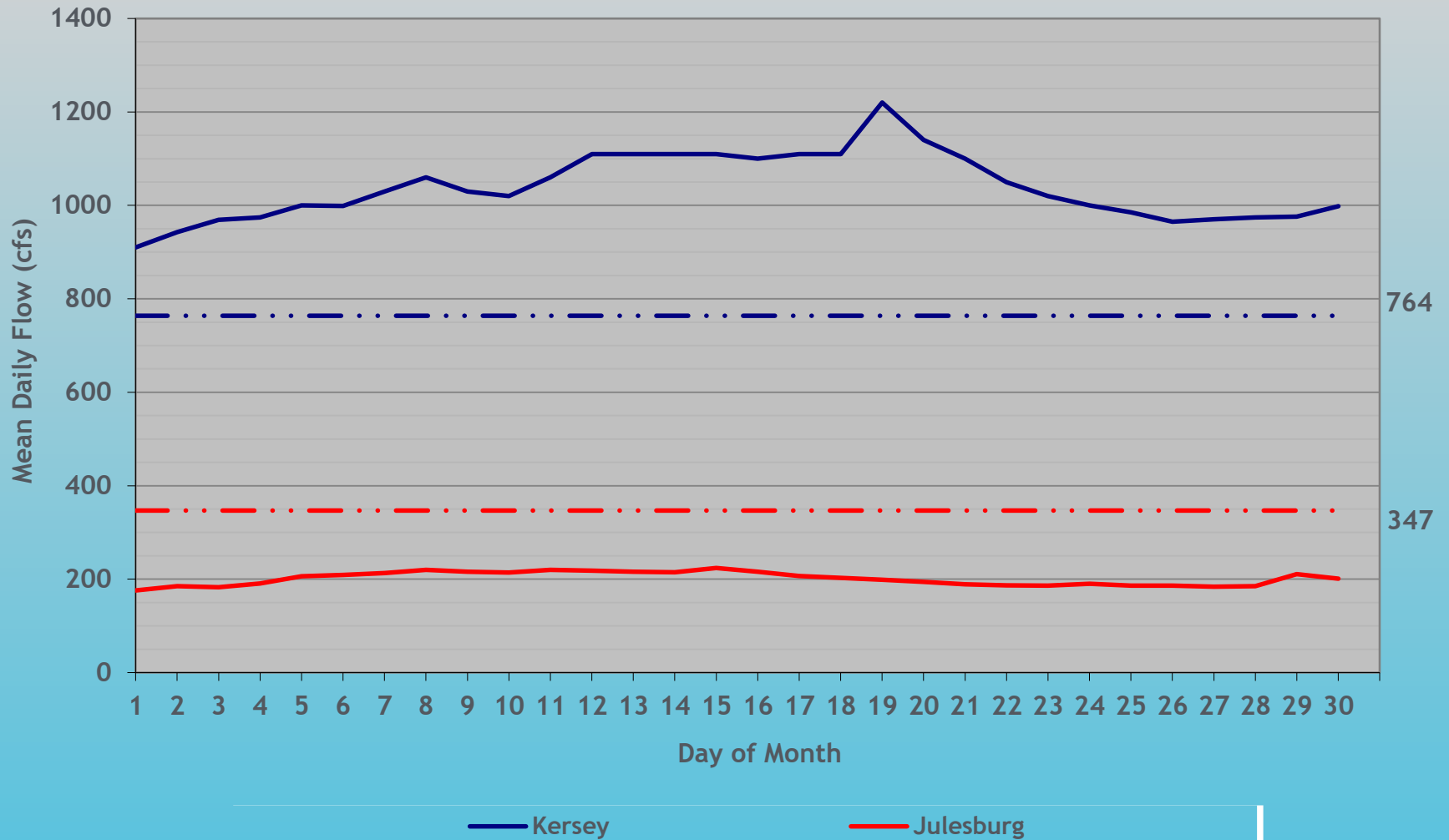


KERSEY and JULESBURG
November 2018

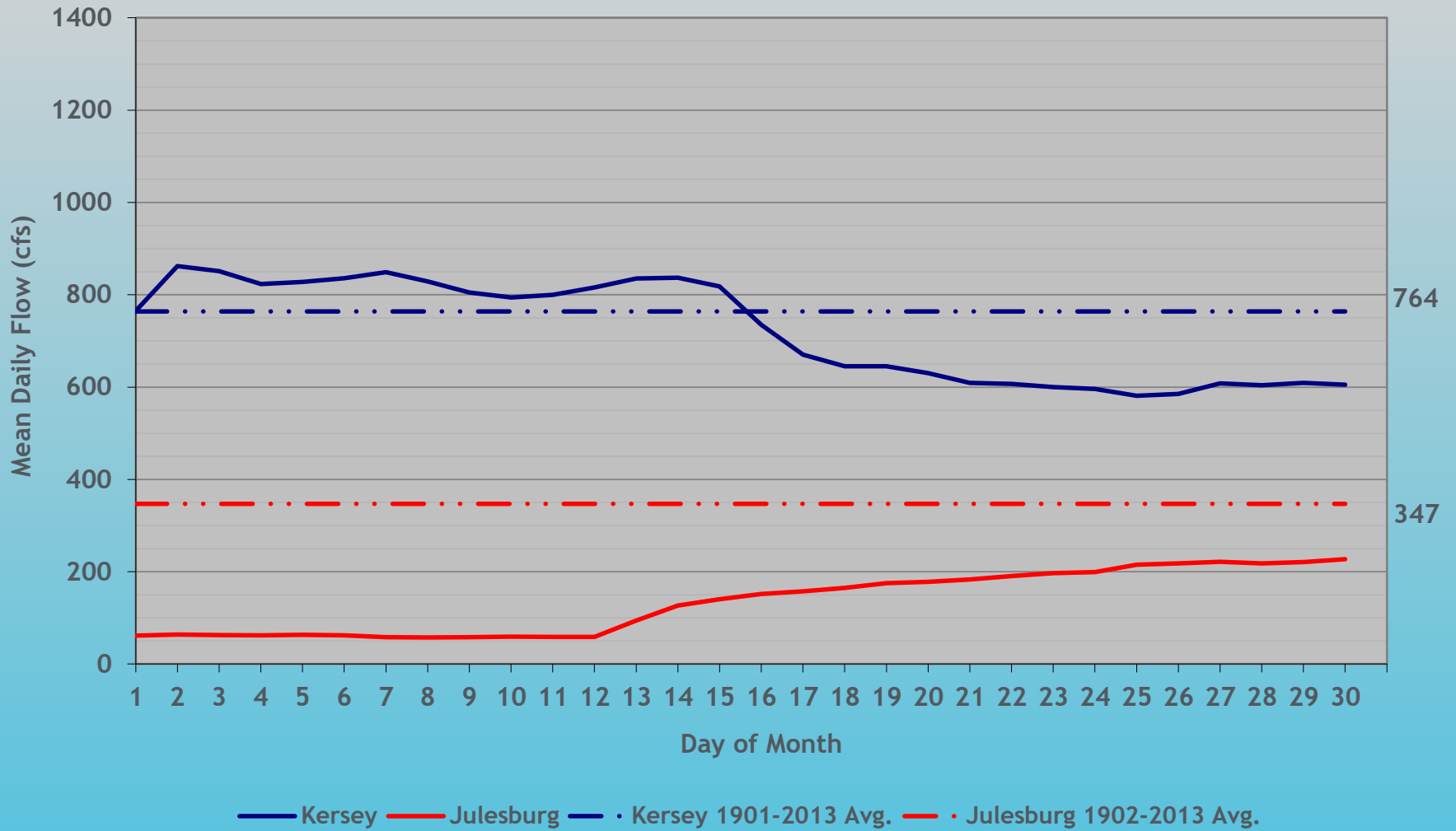


RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	723
JULESBURG	134
THIS MONTH LAST YEAR	
KERSEY	1038
JULESBURG	201
MEAN FOR PERIOD OF RECORD*	
KERSEY	764
JULESBURG	347

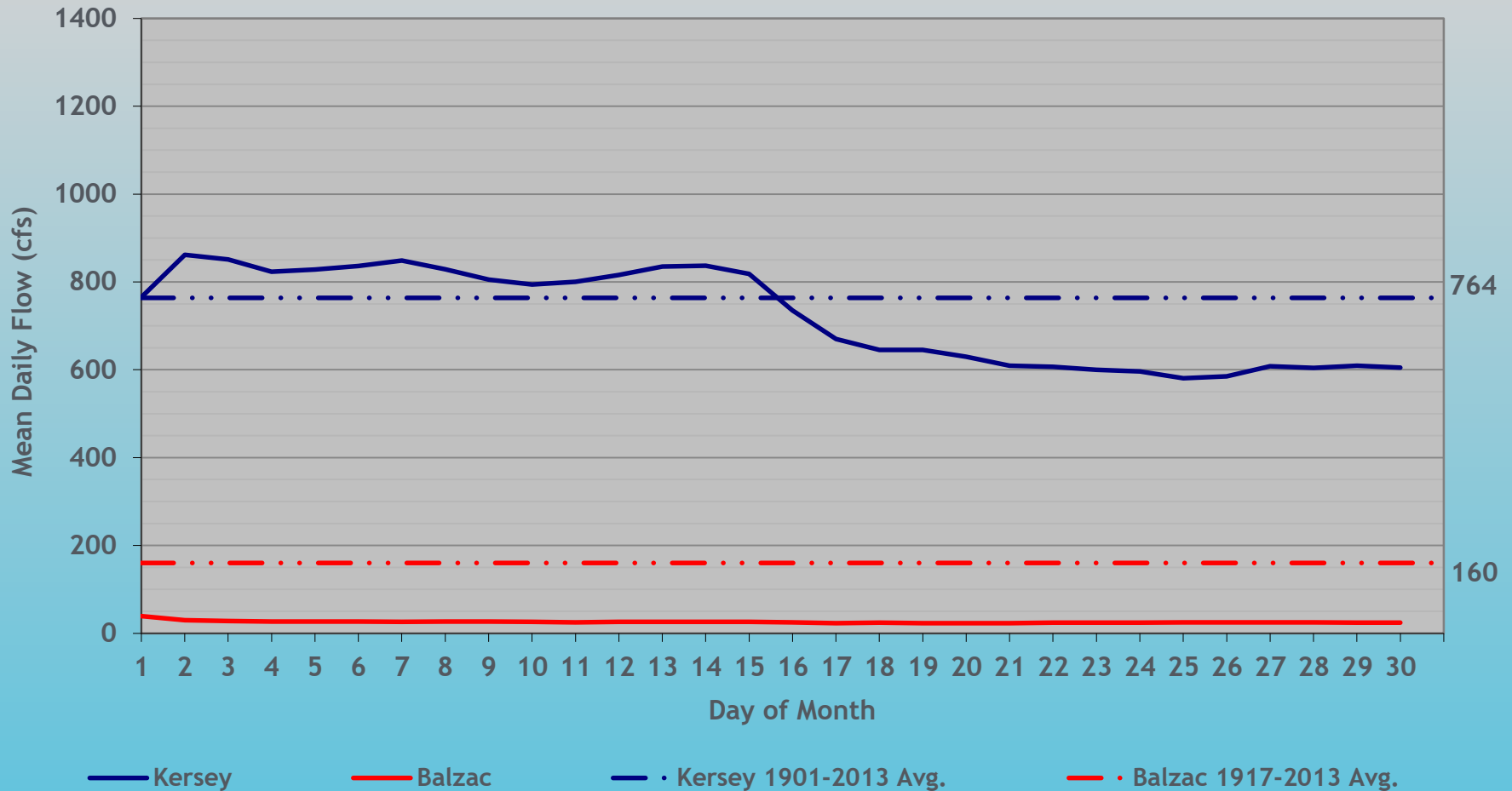
KERSEY and JULESBURG November 2017



KERSEY and JULESBURG November 2018



KERSEY and BALZAC November 2018

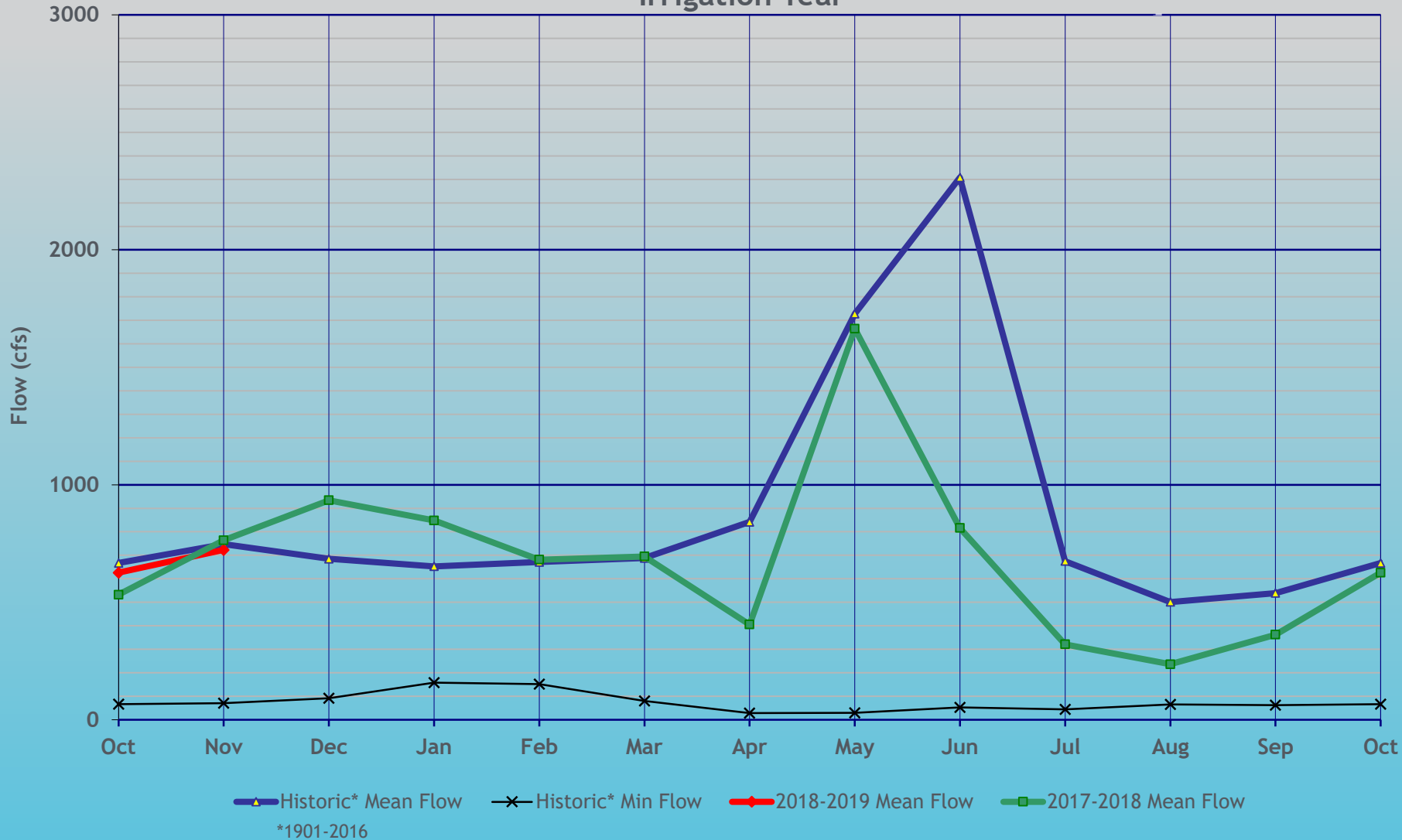


South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2019 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2019 Mean Monthly Flow
Oct	667	6180	1984	66	1954	626	Oct	299	3130	1984	4.2	1903	126
Nov	747	3650	1984	70	1934	723	Nov	335	2900	1984	4.2	1903	134
Dec	685	1890	1961	91	1934		Dec	401	1820	1984	13	2002	
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 1902-2016							*Period of record 1902-2016						

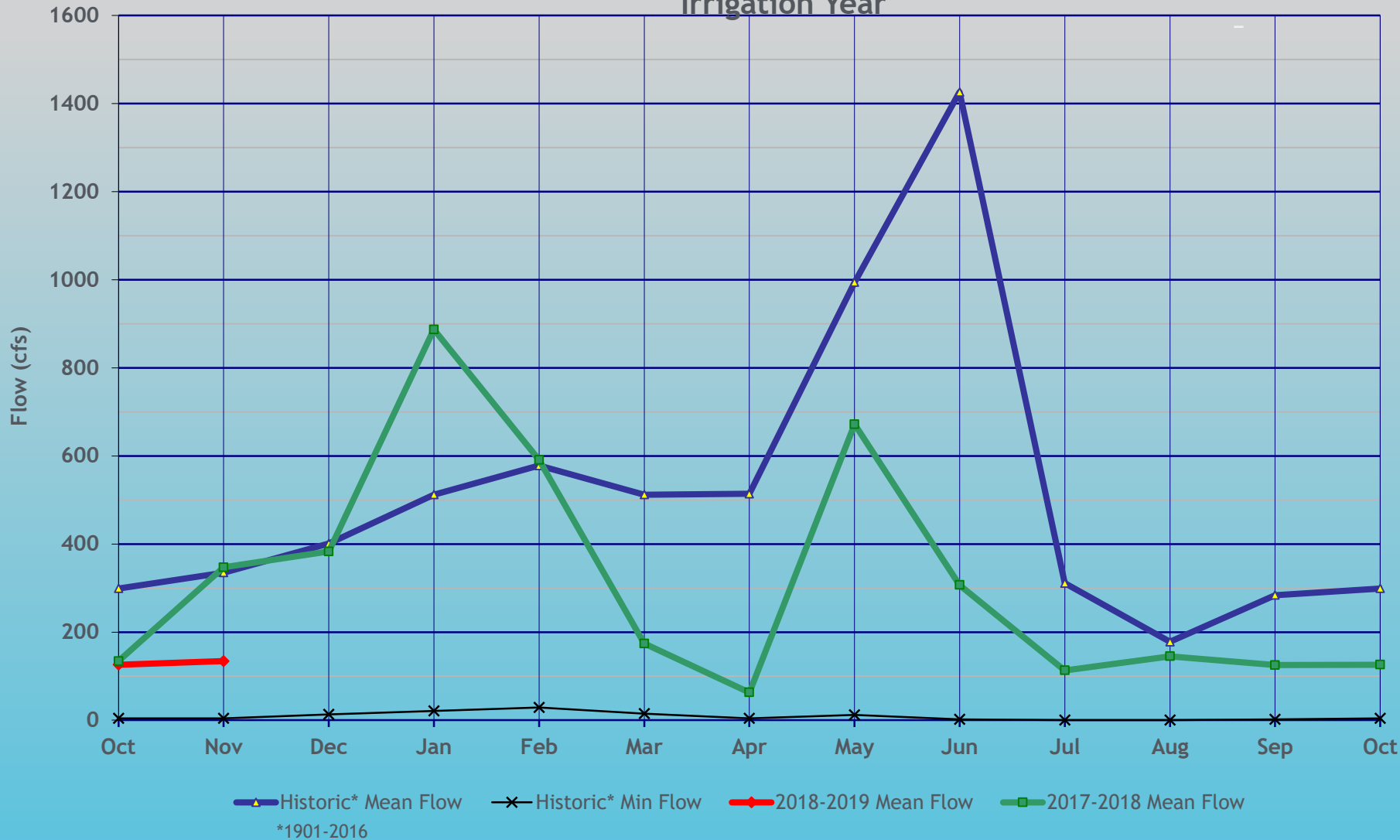
South Platte River at Kersey

Irrigation Year



South Platte River at Julesburg

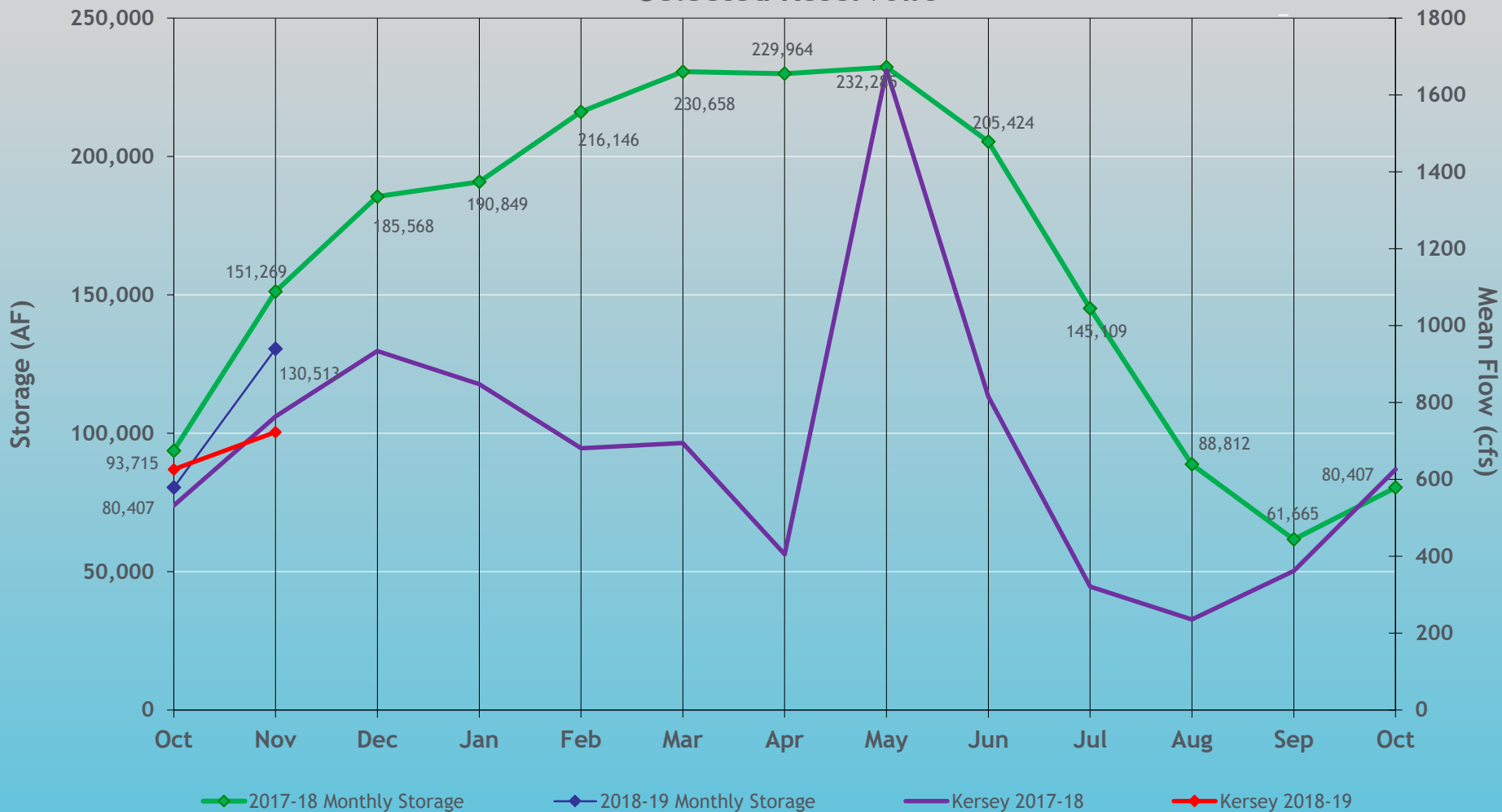
Irrigation Year





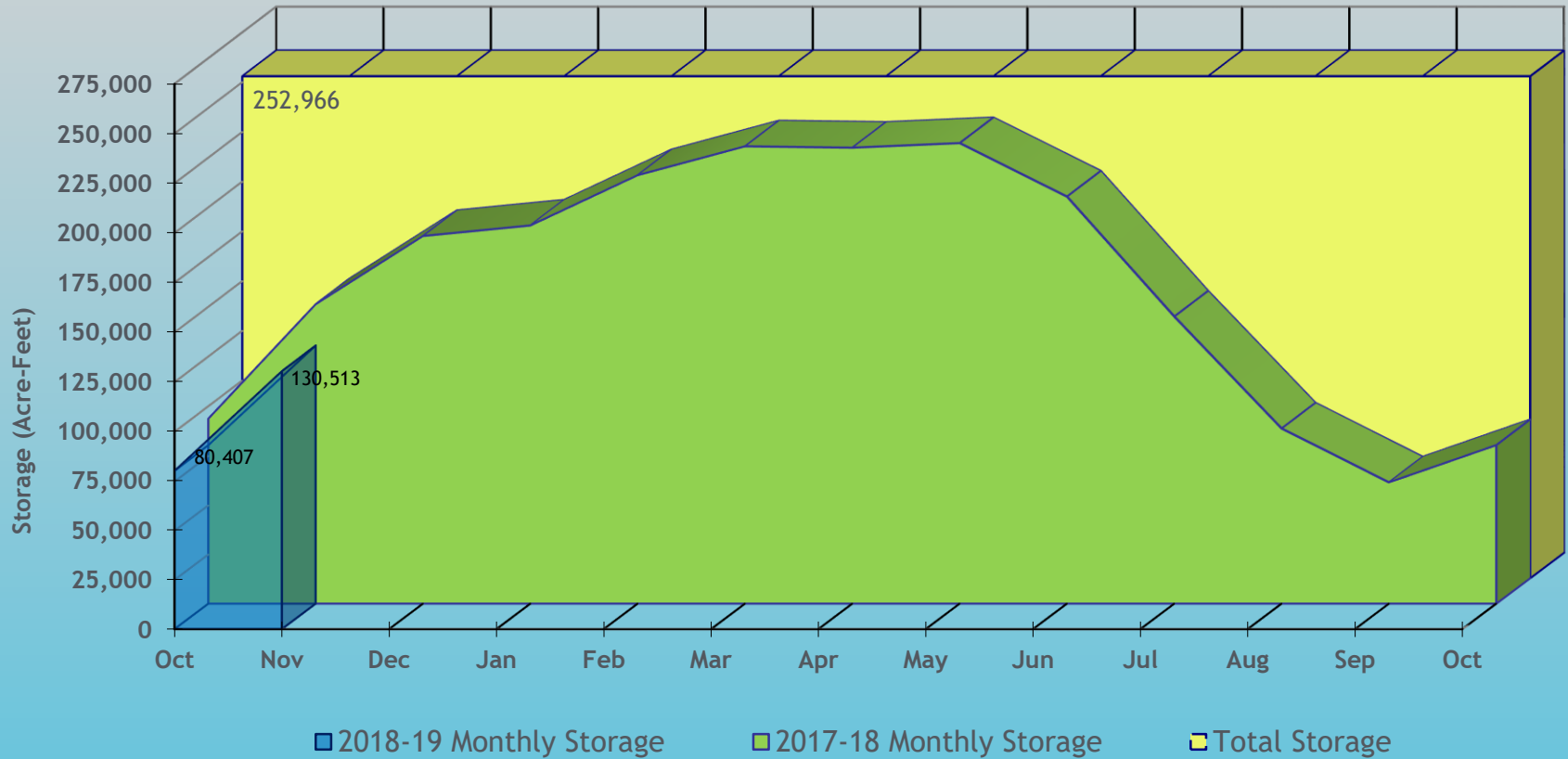
Reservoir Storage below Kersey

Selected Reservoirs*



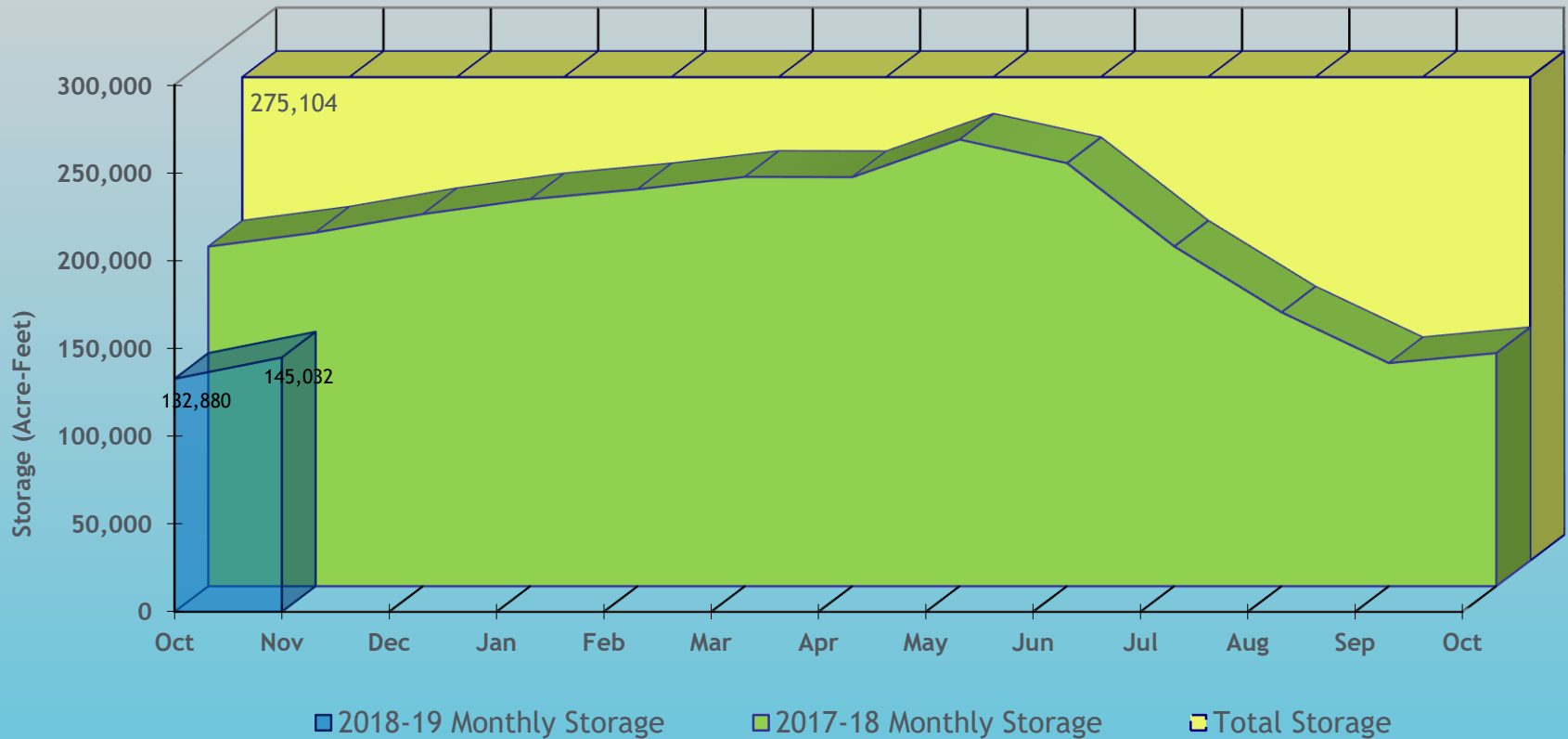
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

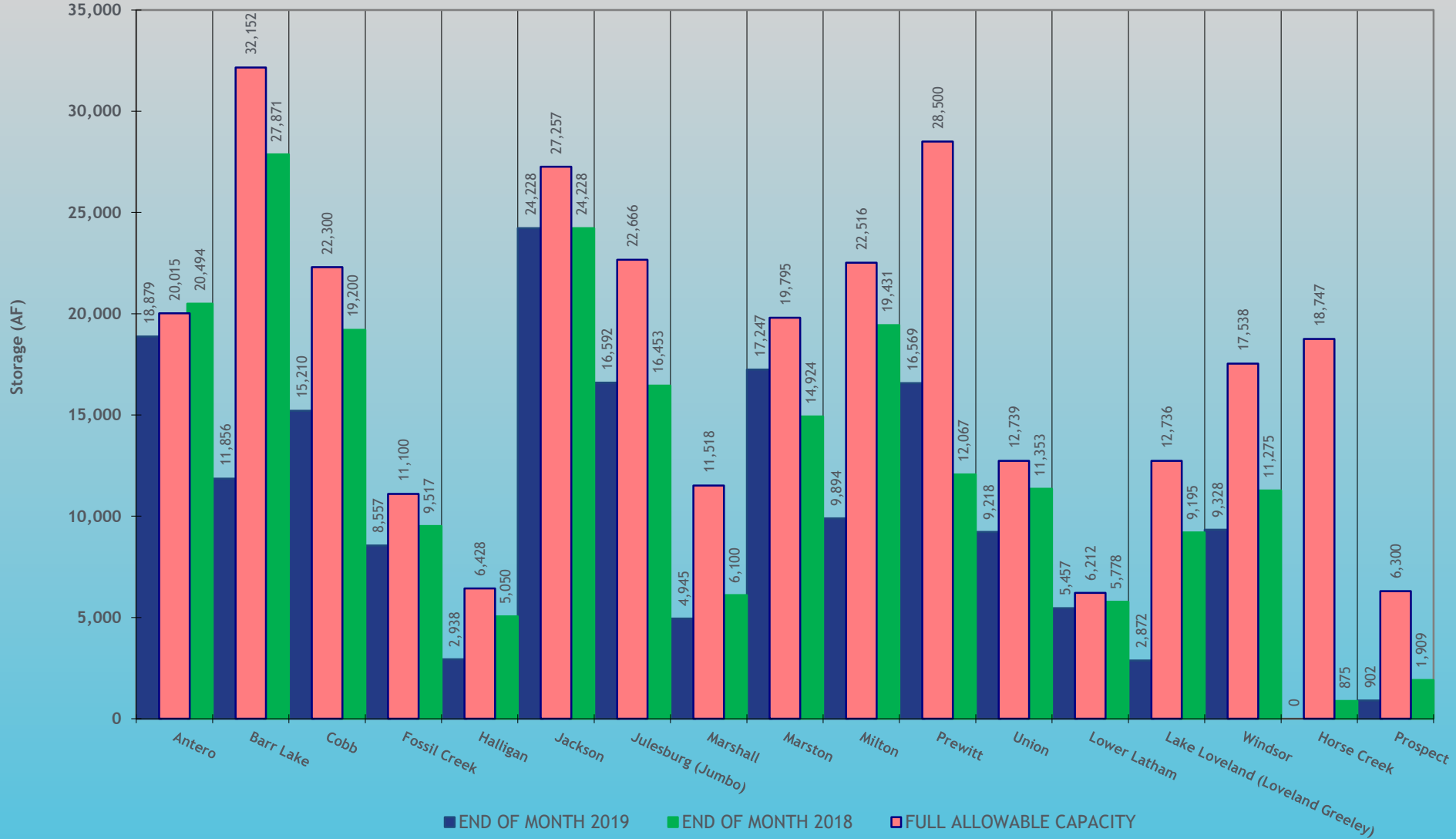
South Platte Reservoir Storage above Kersey*



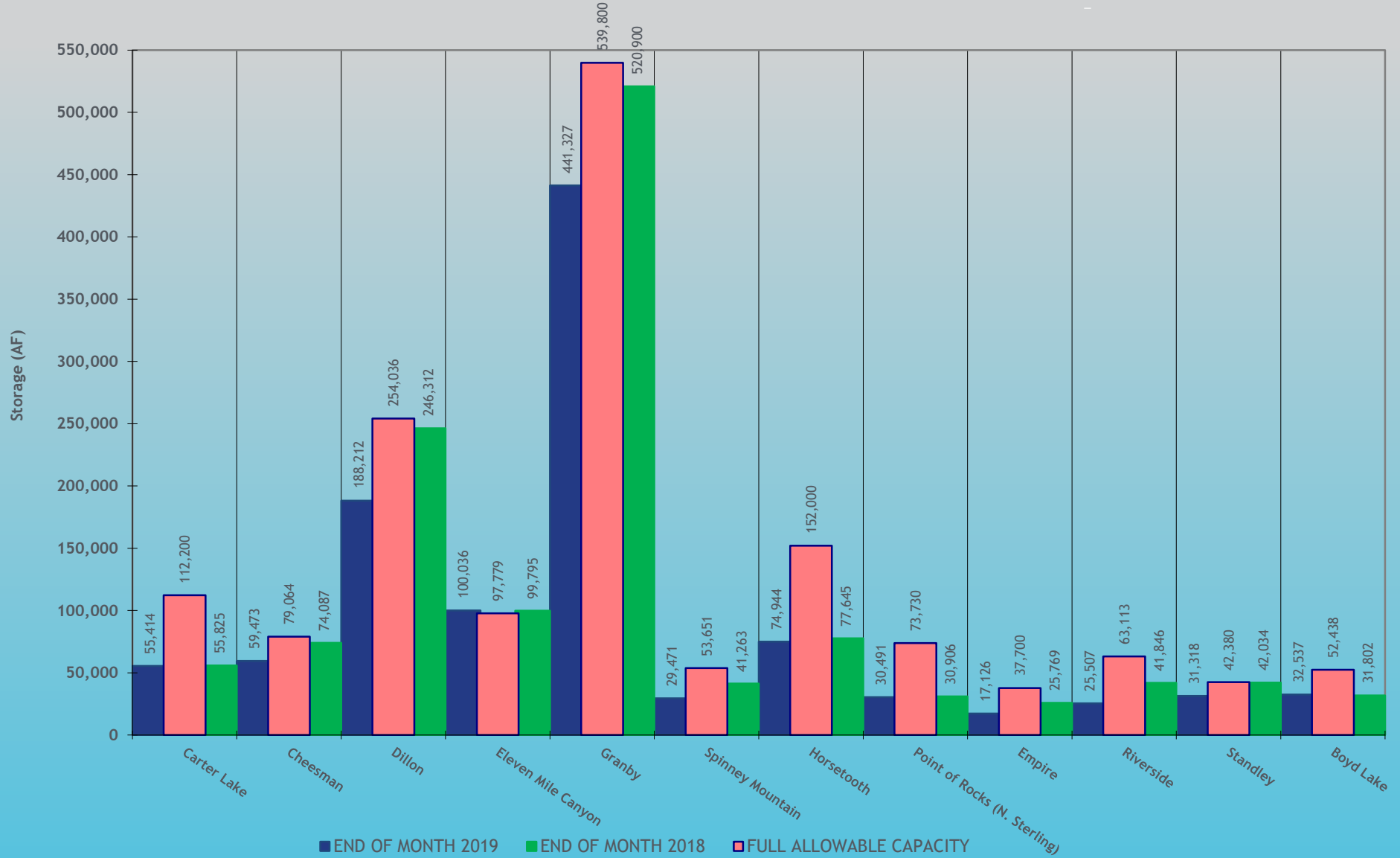
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



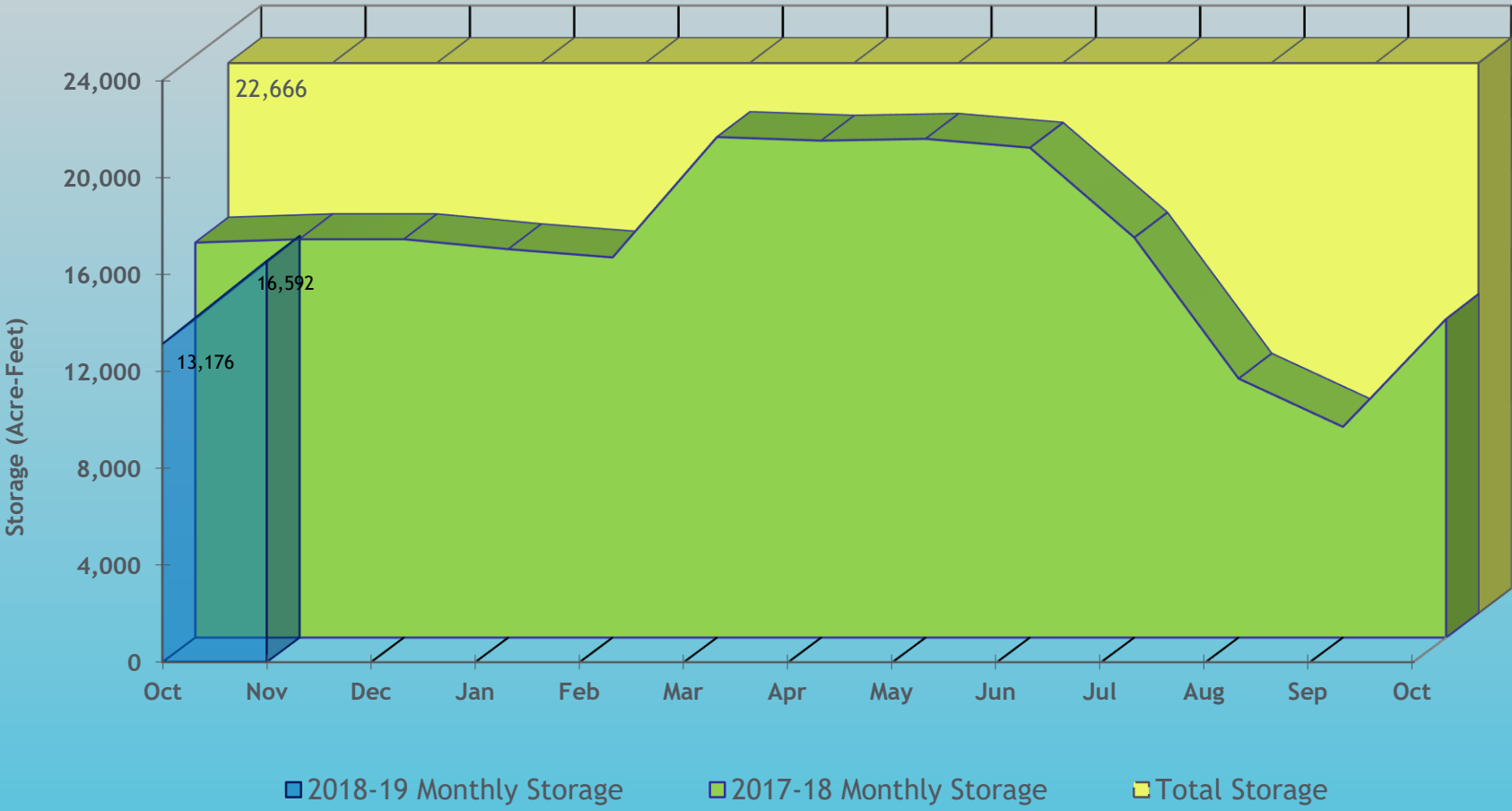
November Reservoir Change in Storage IY2018 versus IY2019



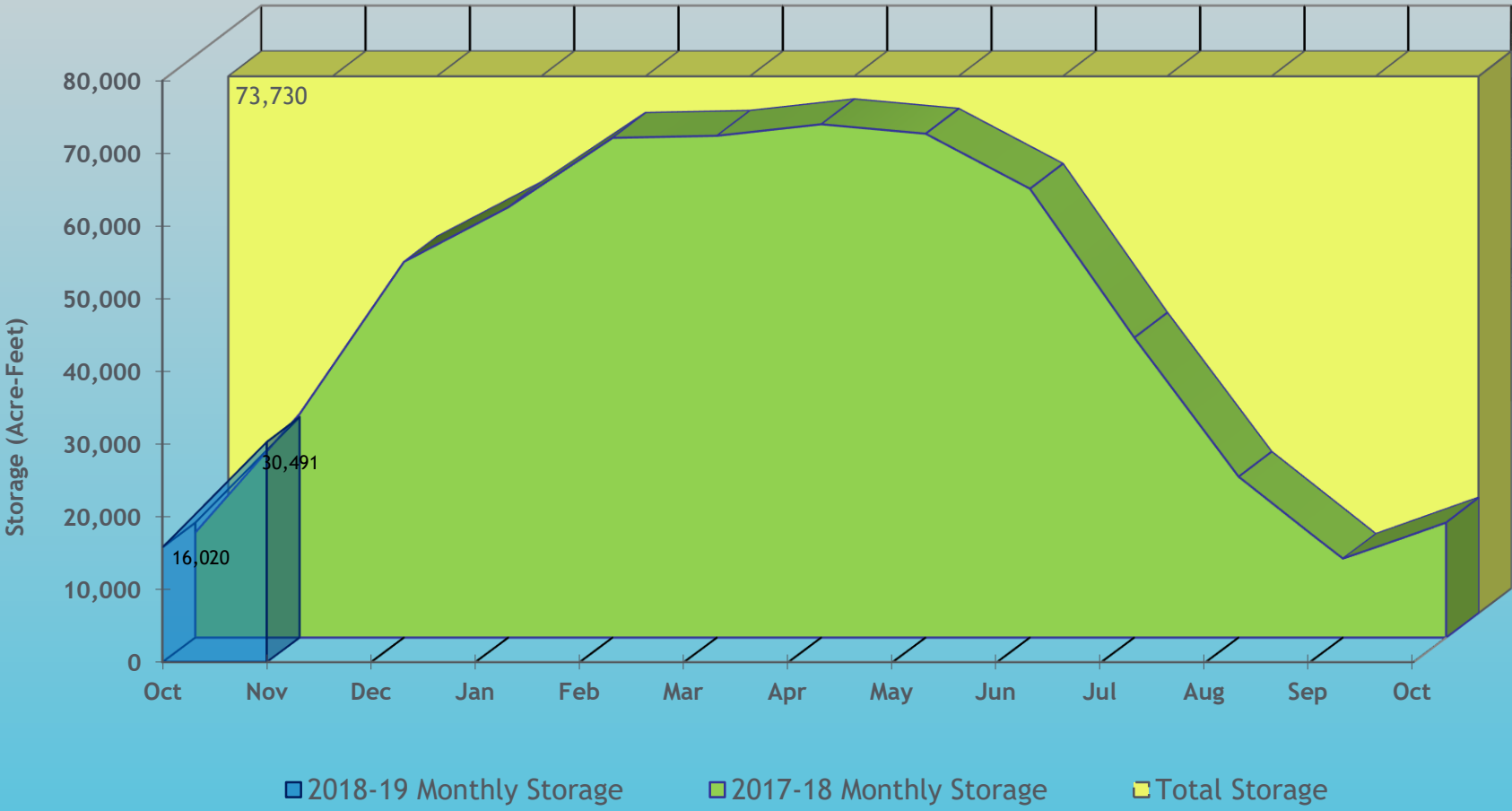
November Reservoir Change in Storage IY2018 versus IY2019



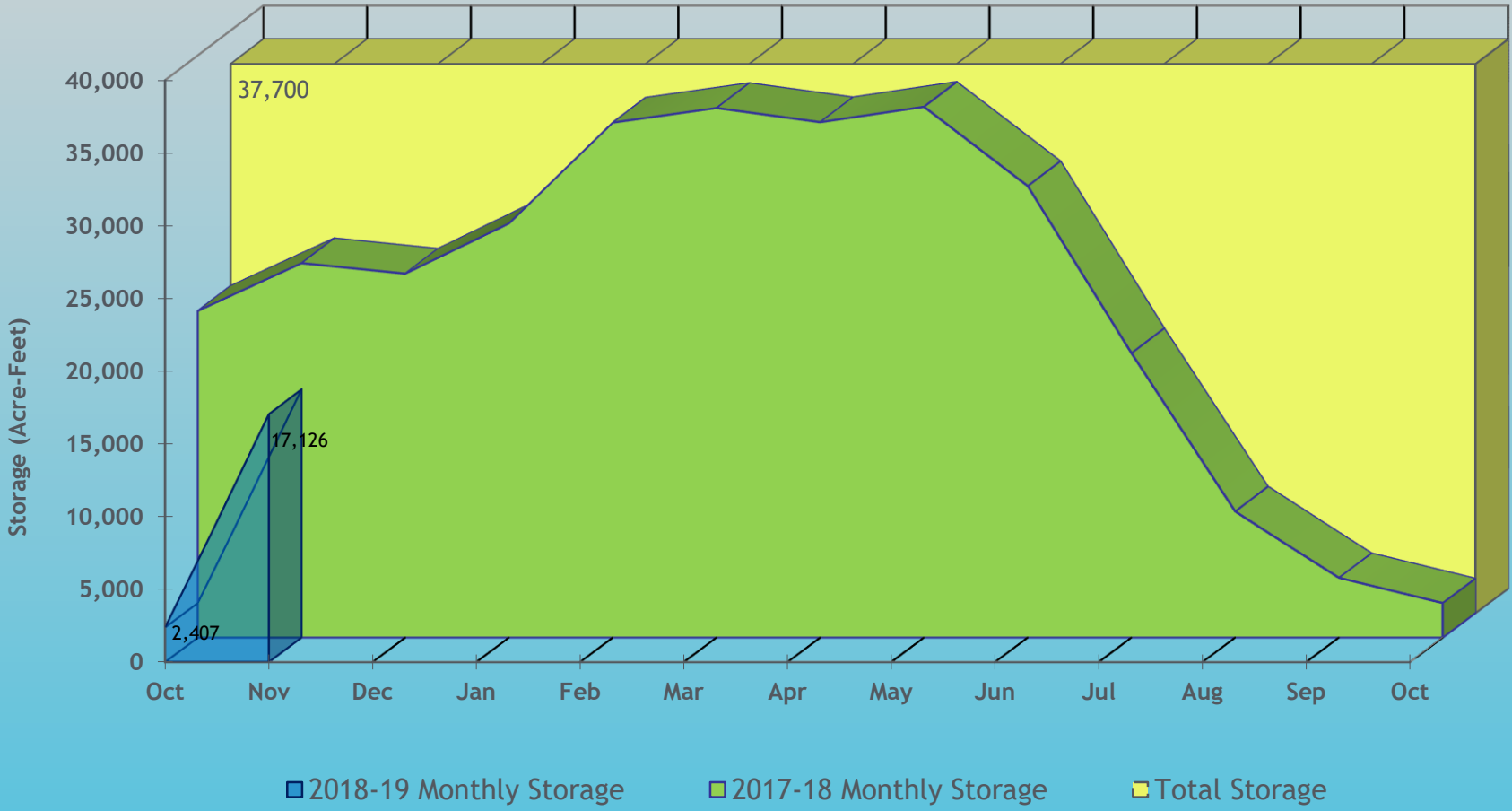
Julesburg Reservoir (District 64 - Agricultural)



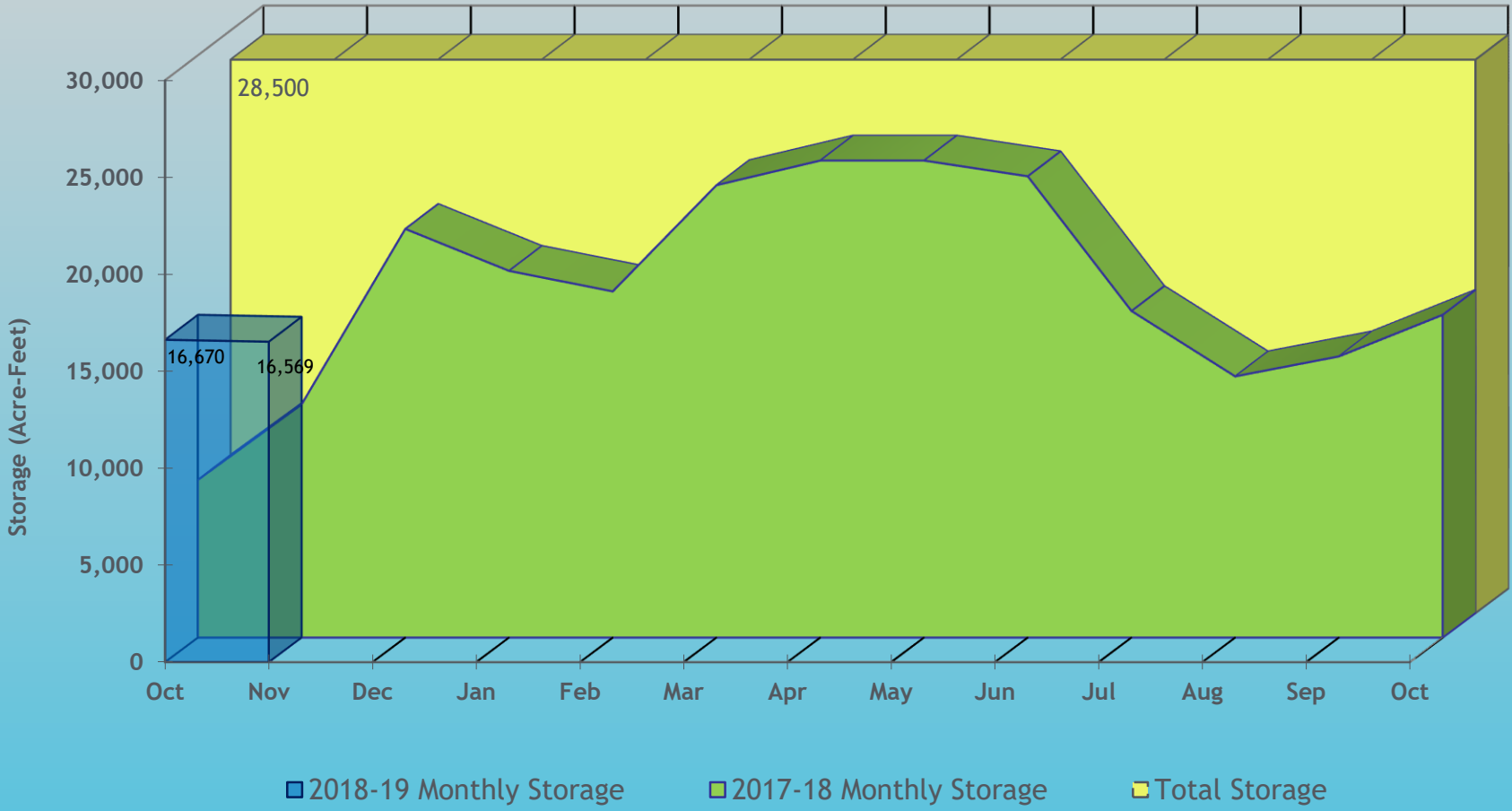
North Sterling Reservoir (District 64 - Agricultural)



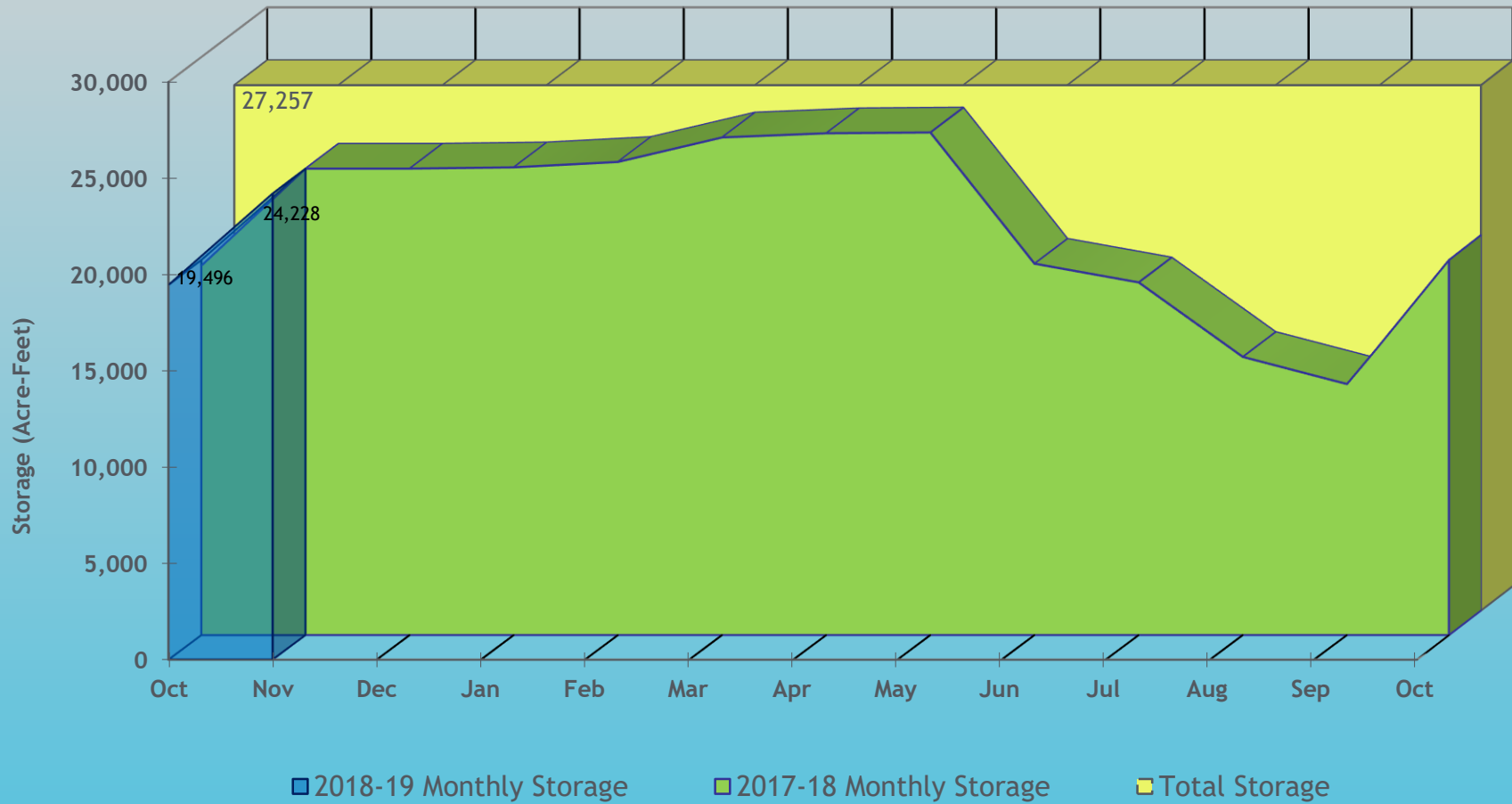
Empire Reservoir (District 1 - Agricultural)



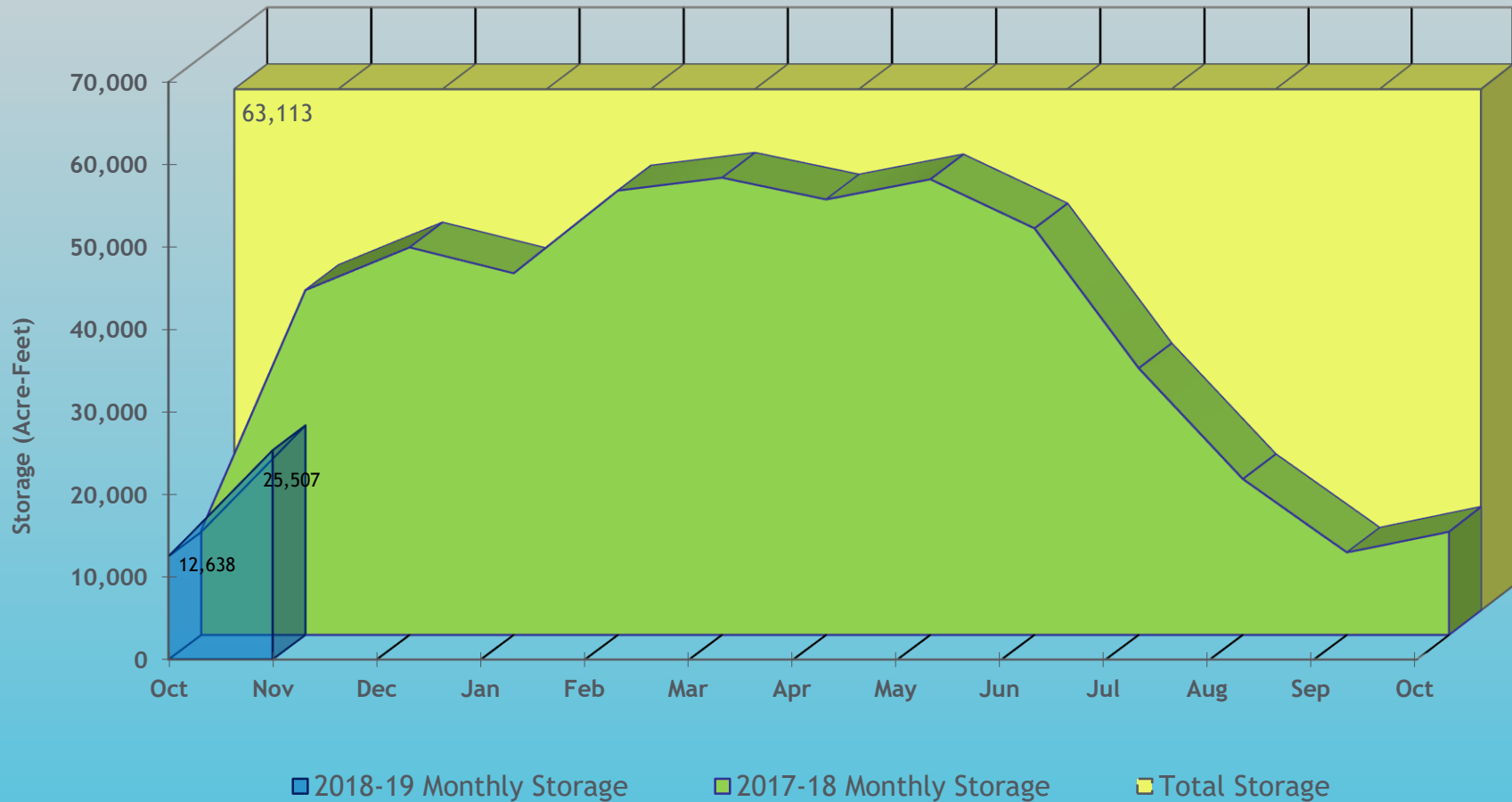
Prewitt Reservoir (District 64 - Agricultural)



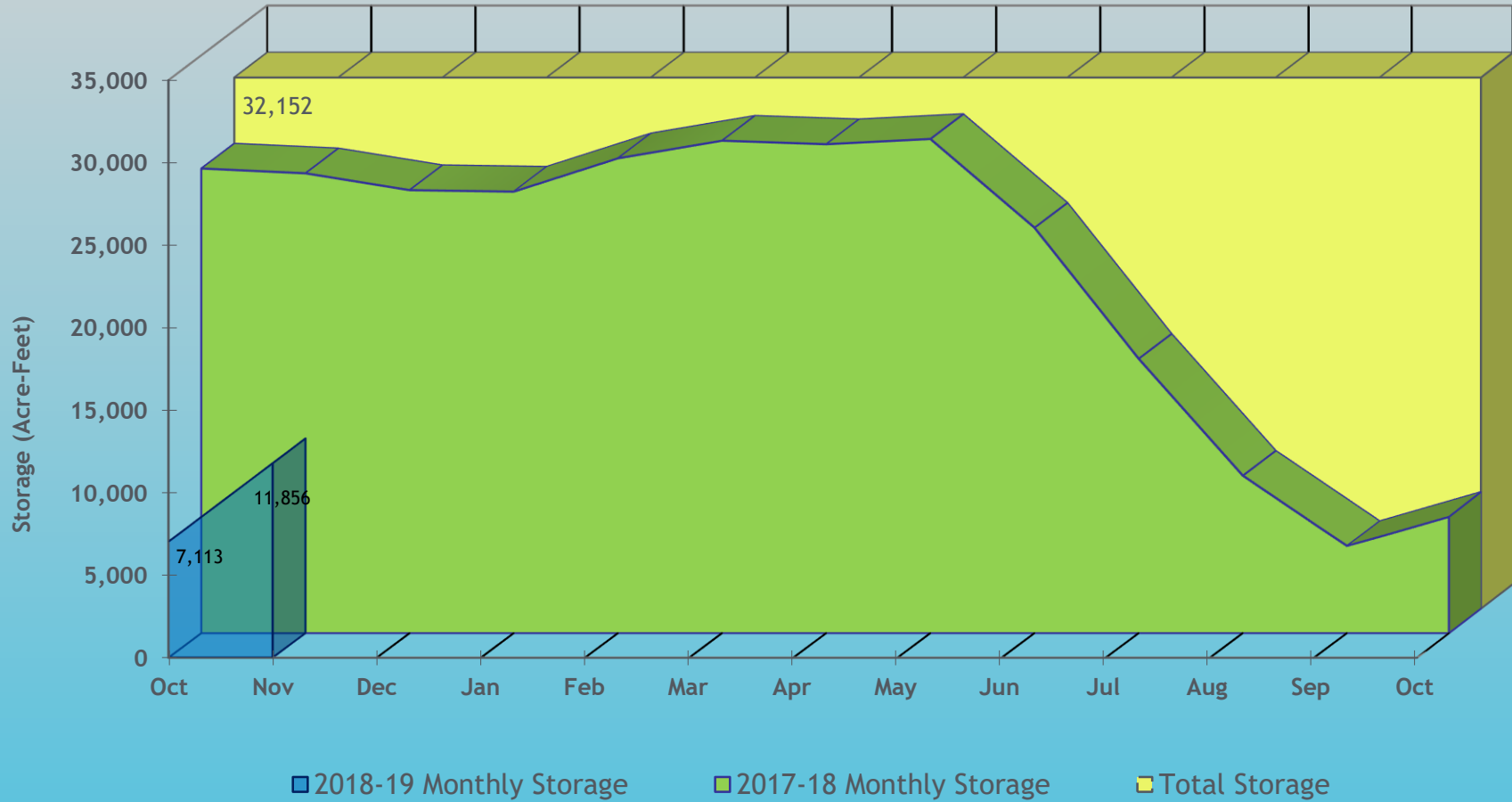
Jackson Reservoir (District 1 - Agricultural)



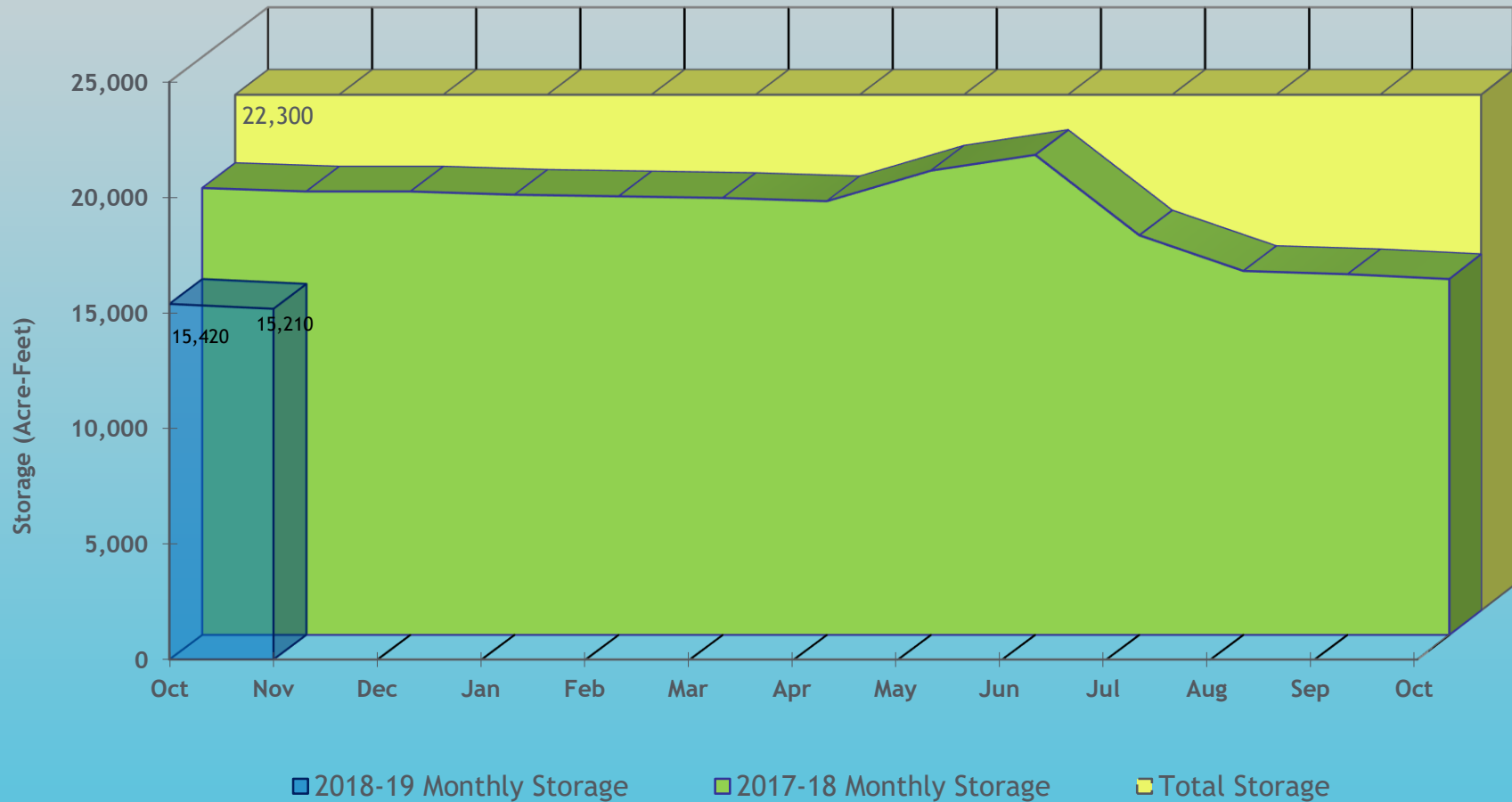
Riverside Reservoir (District 1 - Agricultural)



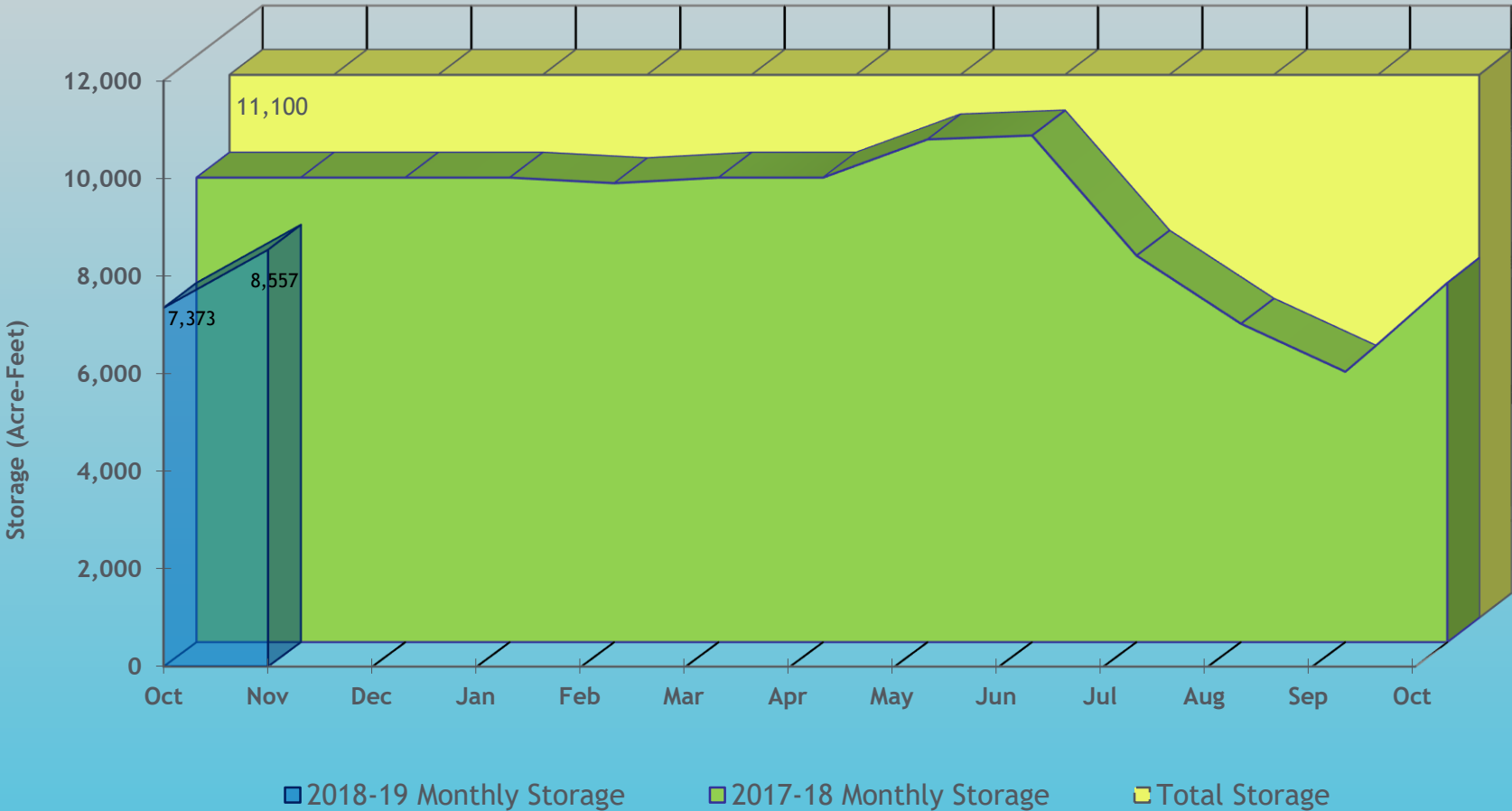
Barr Reservoir (District 2 - Agricultural)



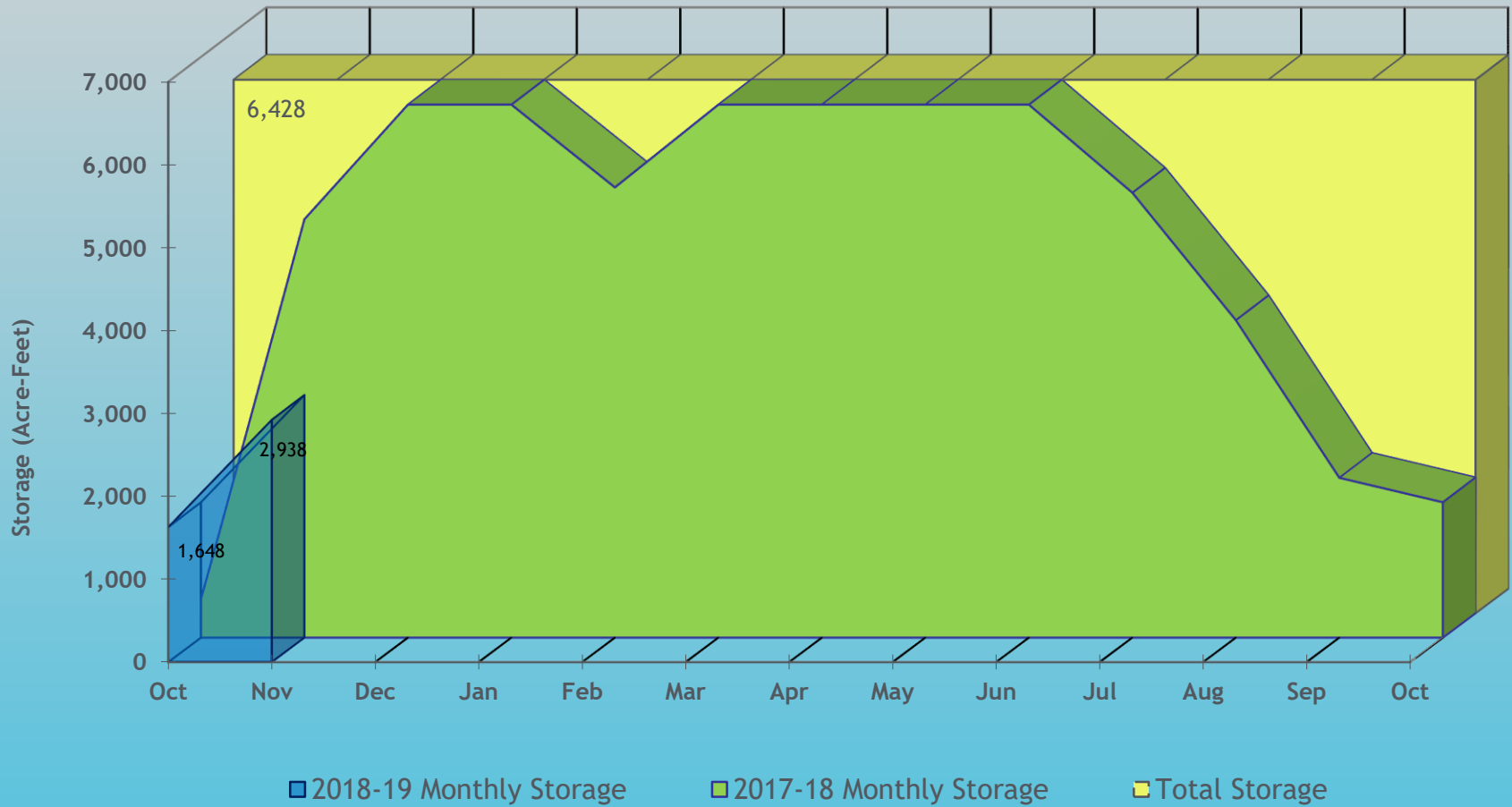
Cobb Reservoir (District 3, Poudre River - Agricultural)



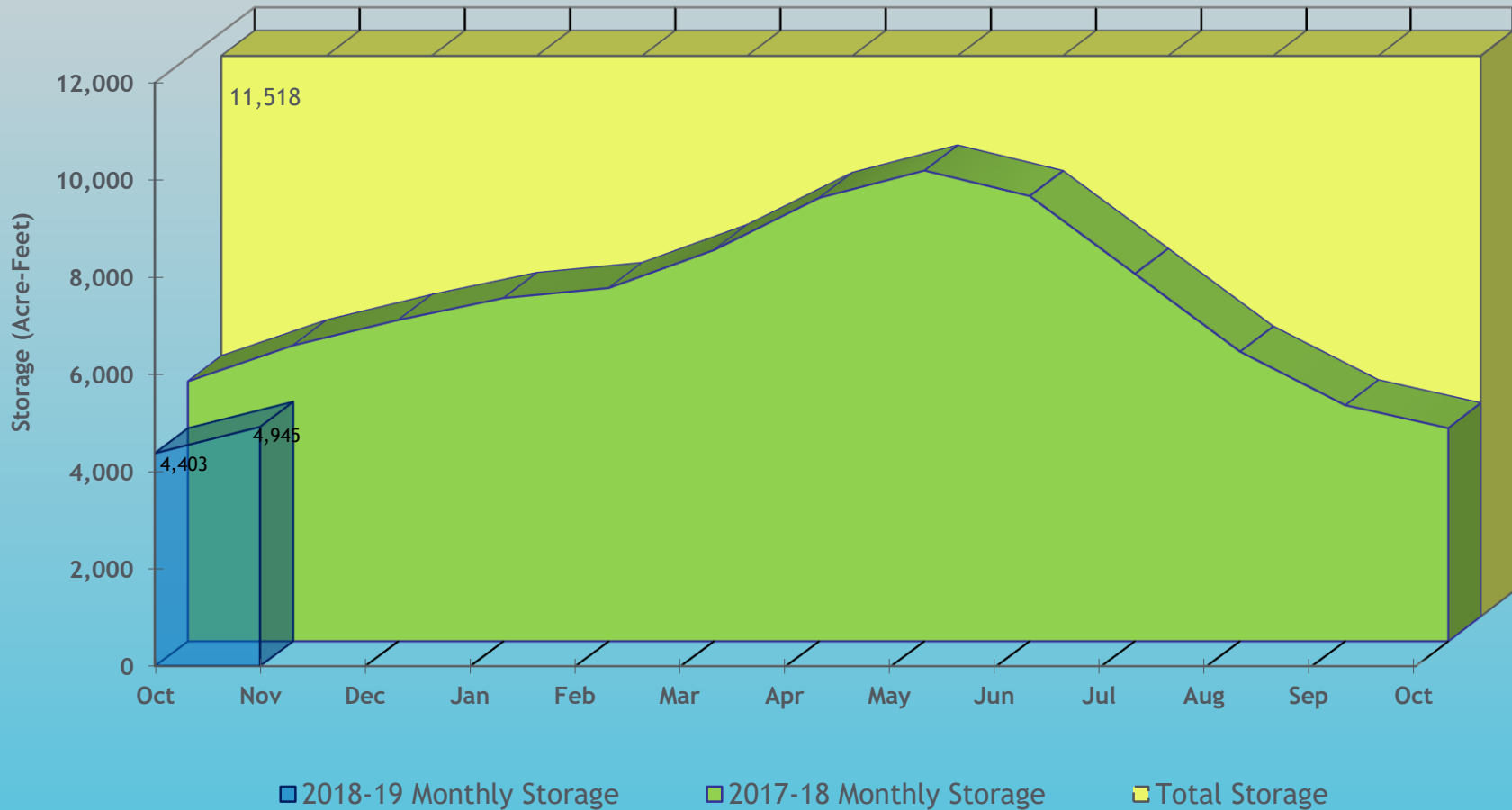
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



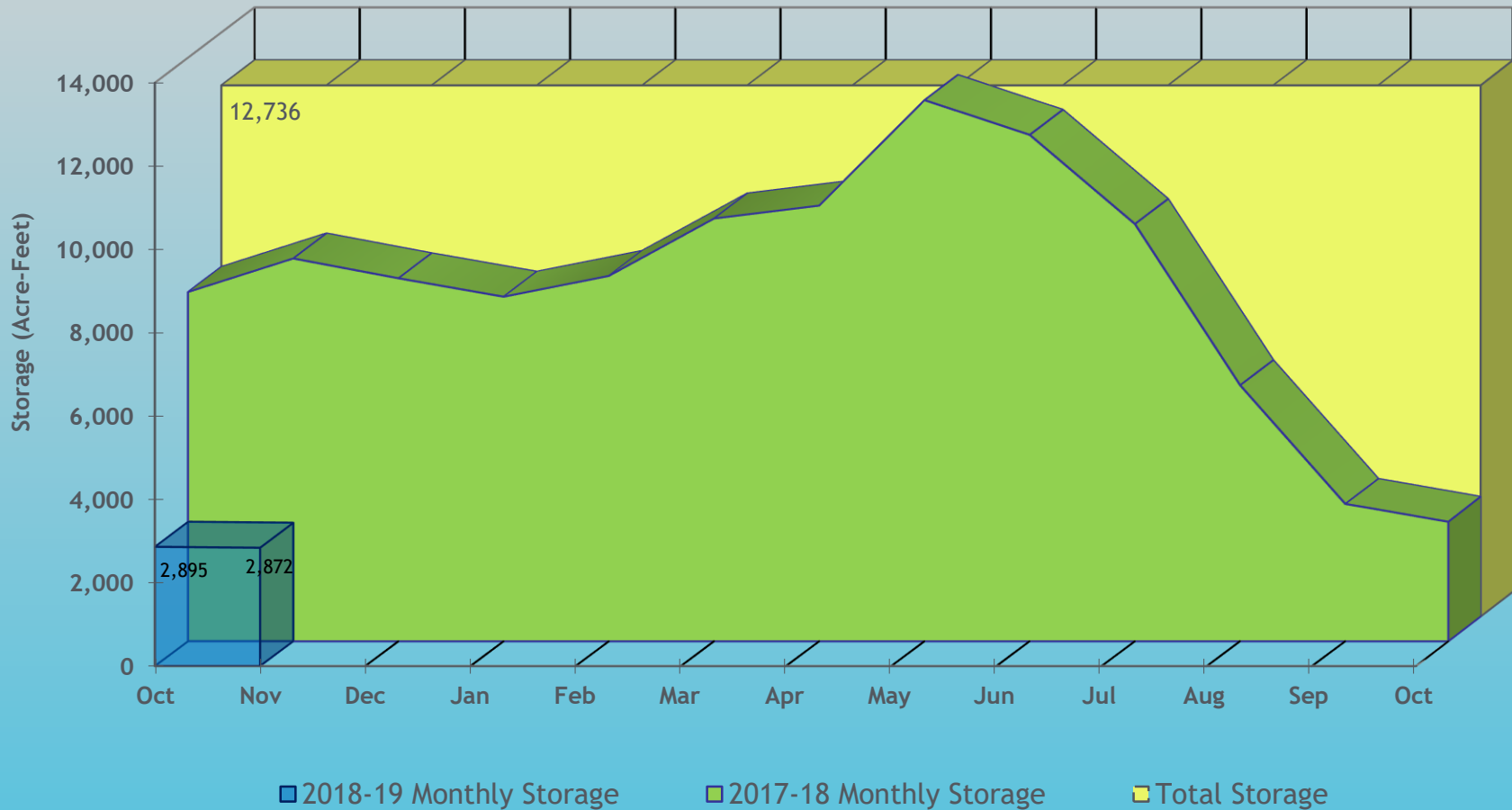
Halligan Reservoir (District 3, Poudre River - Agricultural)



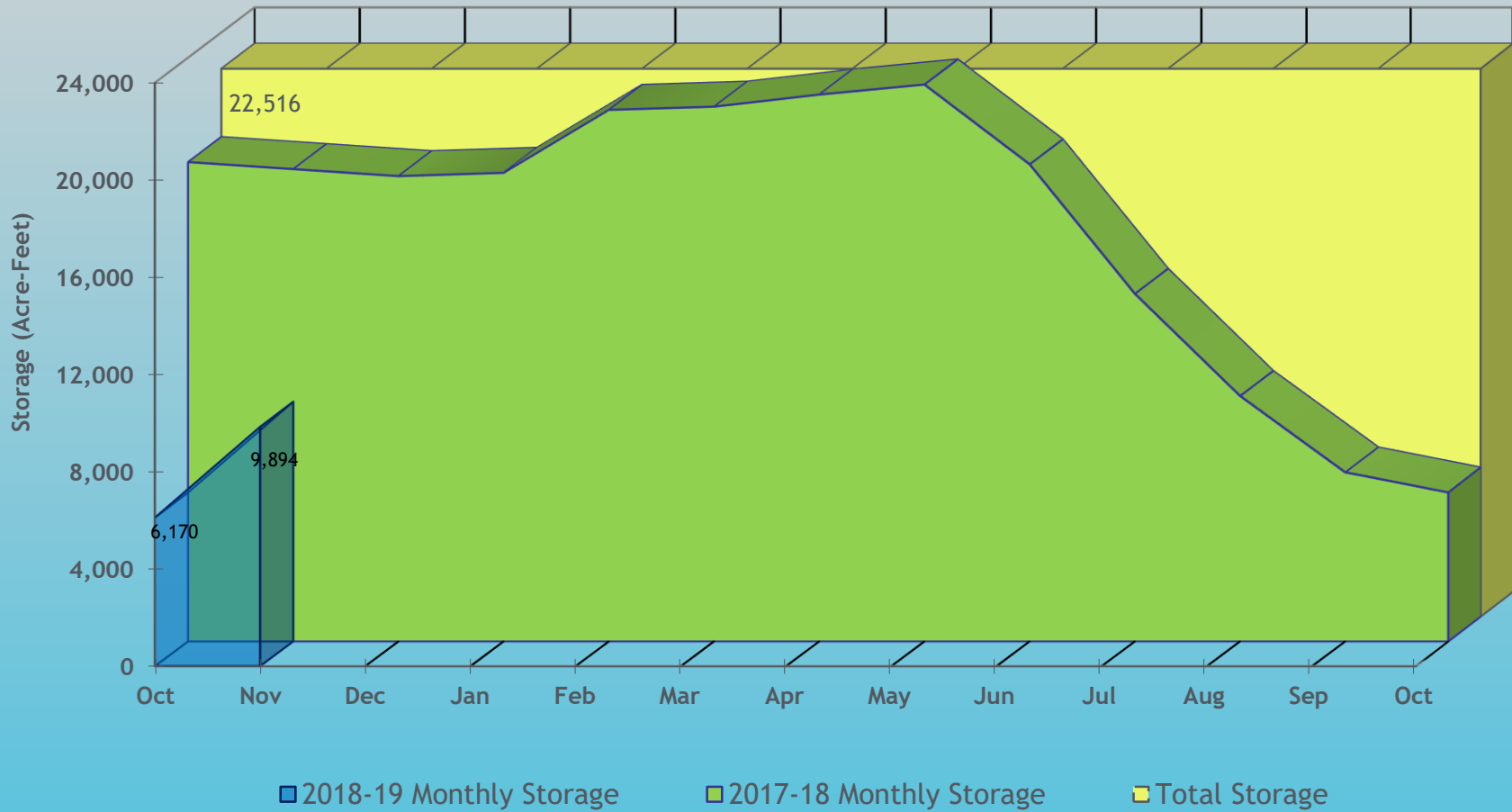
Marshall Lake (District 6, Boulder Creek - Agricultural)



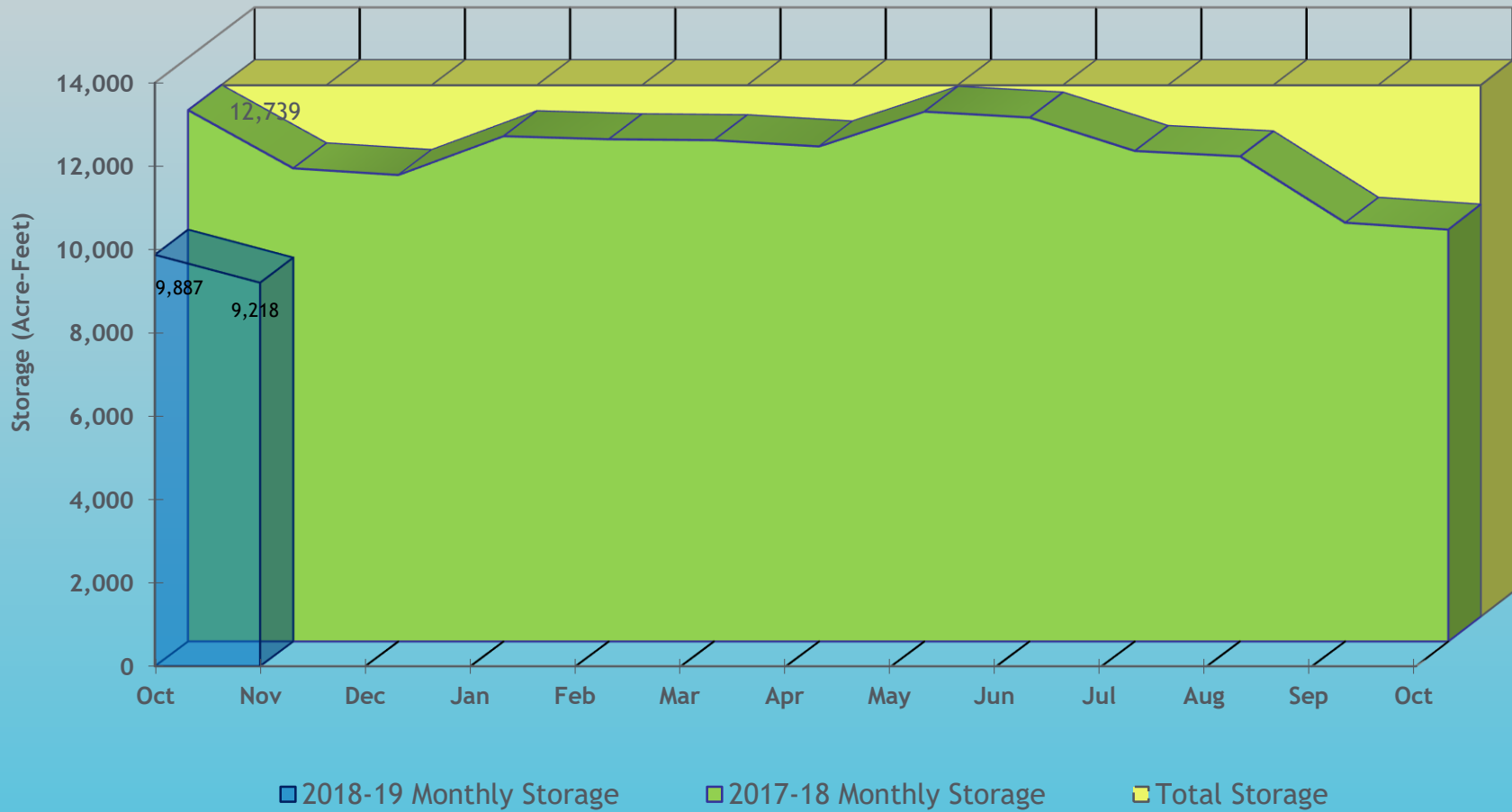
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



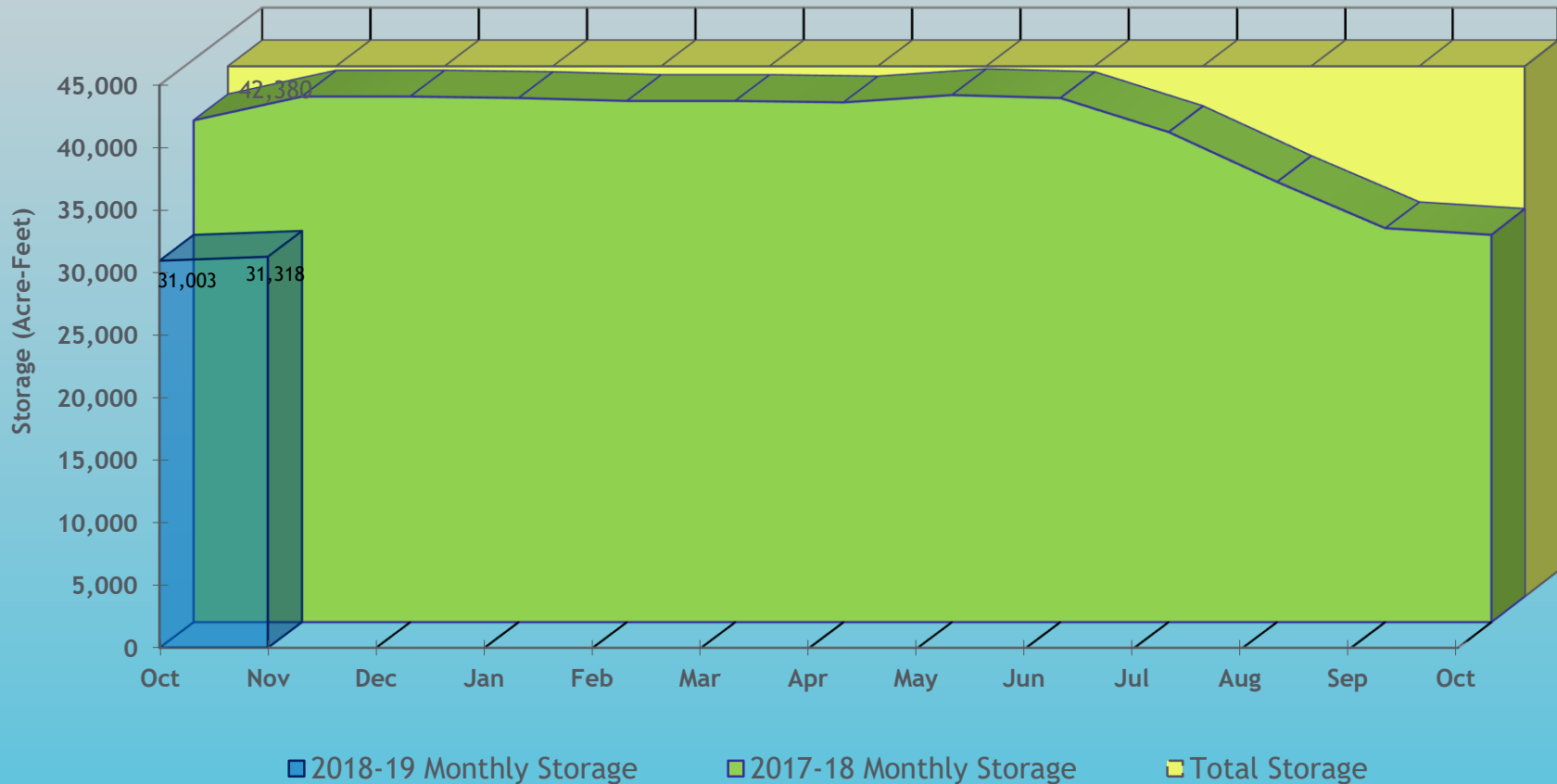
Milton Reservoir (District 2 - Agricultural)



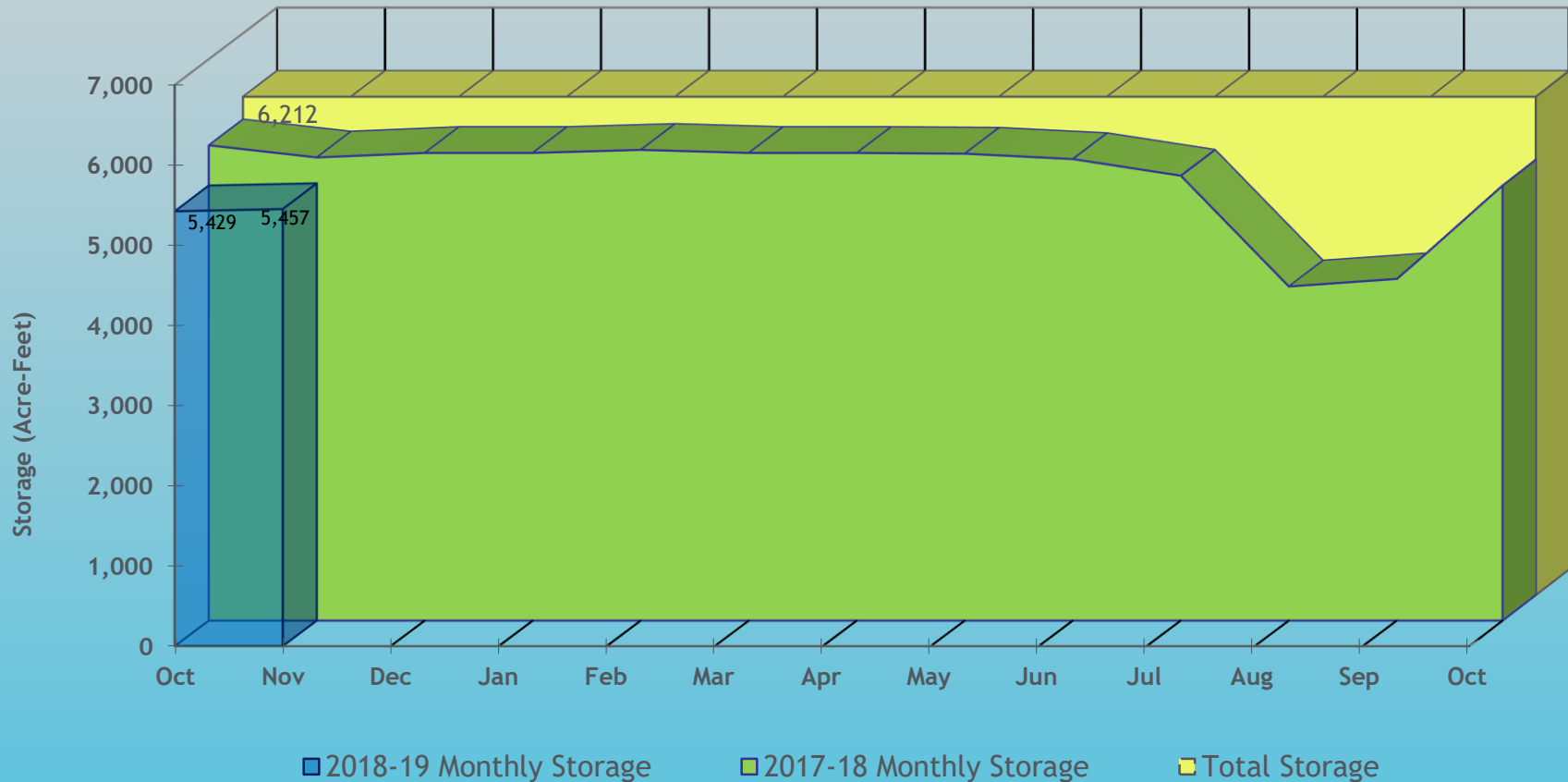
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



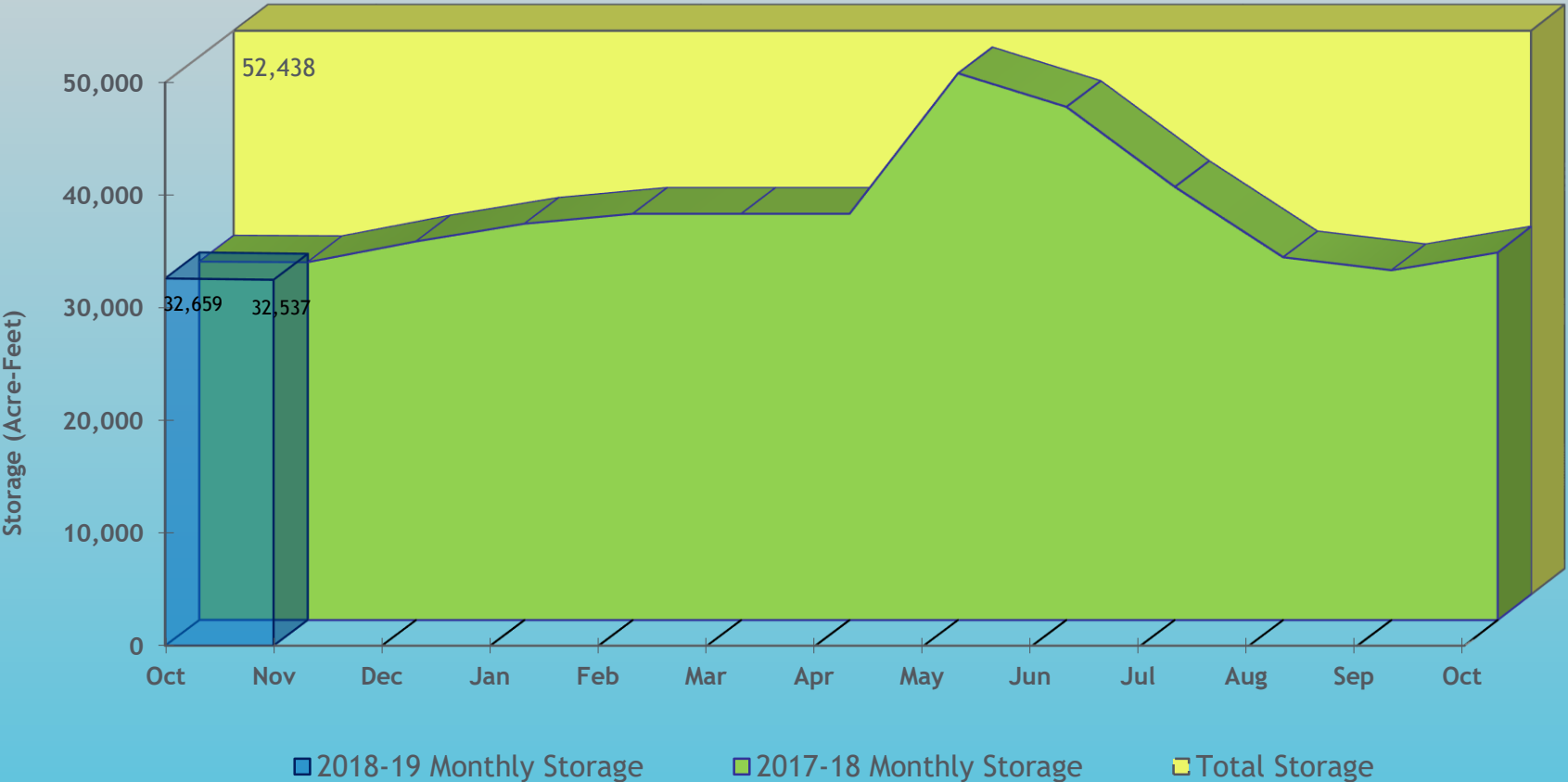
Standley Lake (Agricultural)



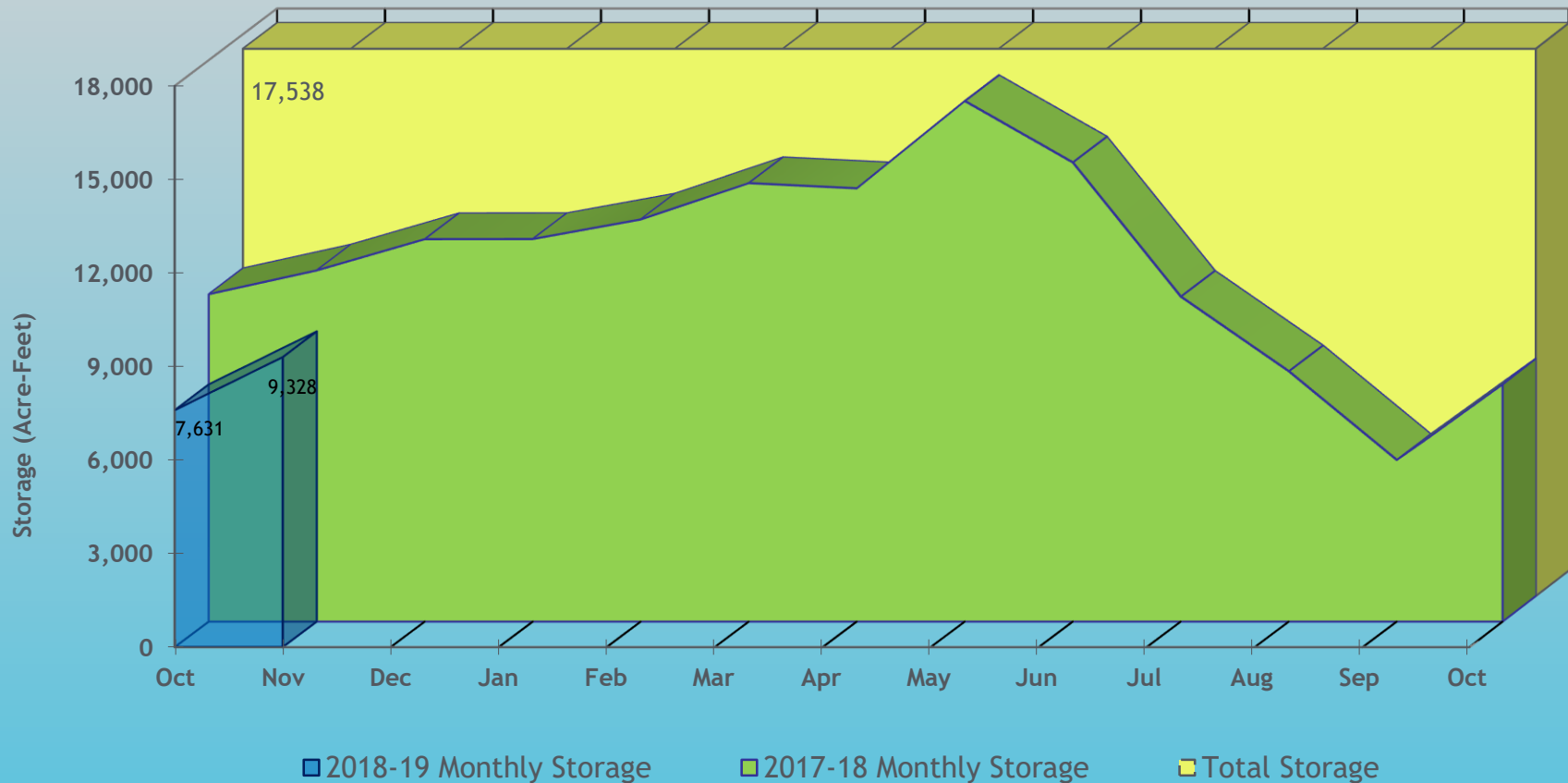
Lower Latham Reservoir (District 2 - Agricultural)



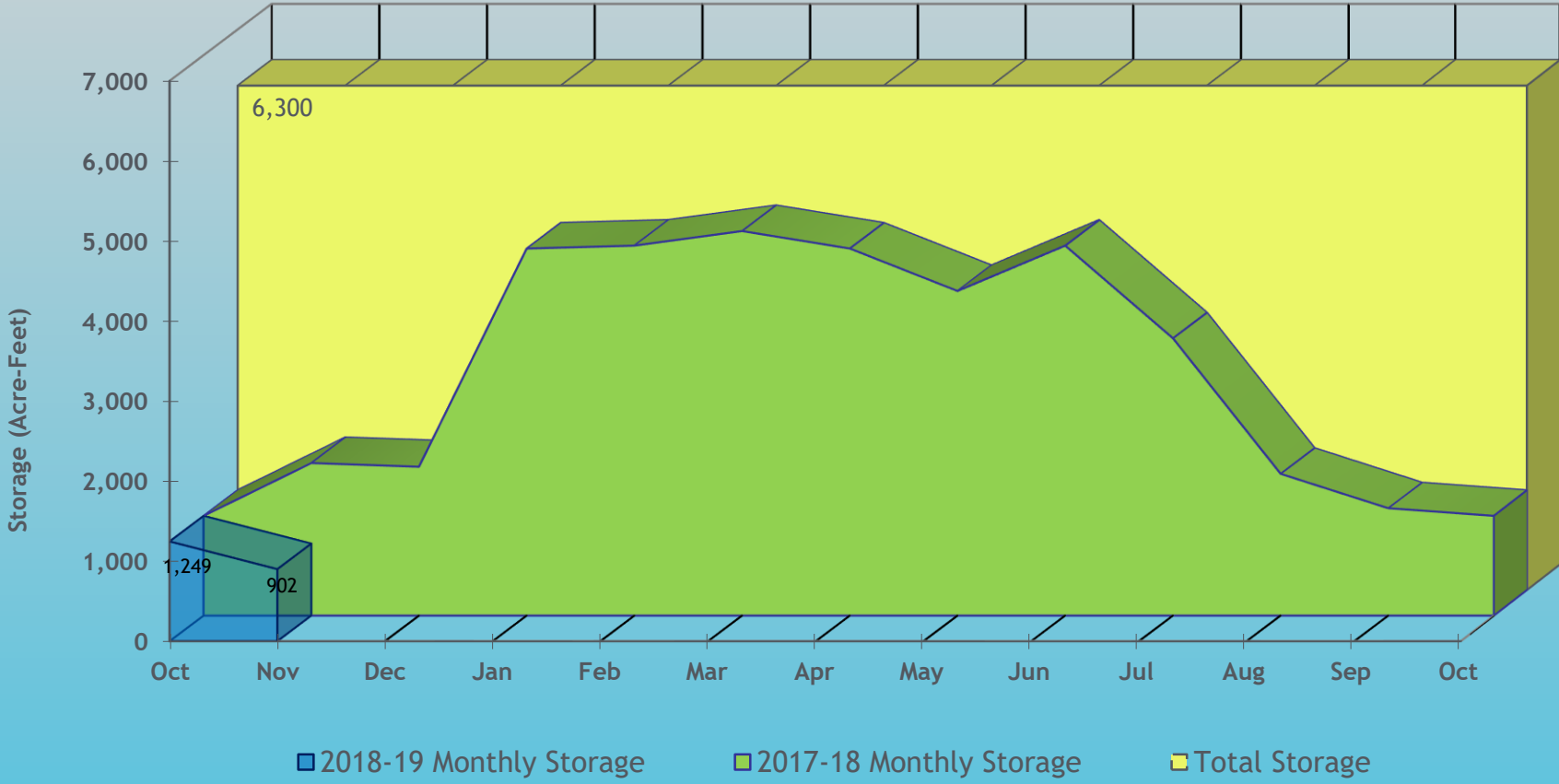
Boyd Lake (District 4, Big Thompson River - Agricultural)



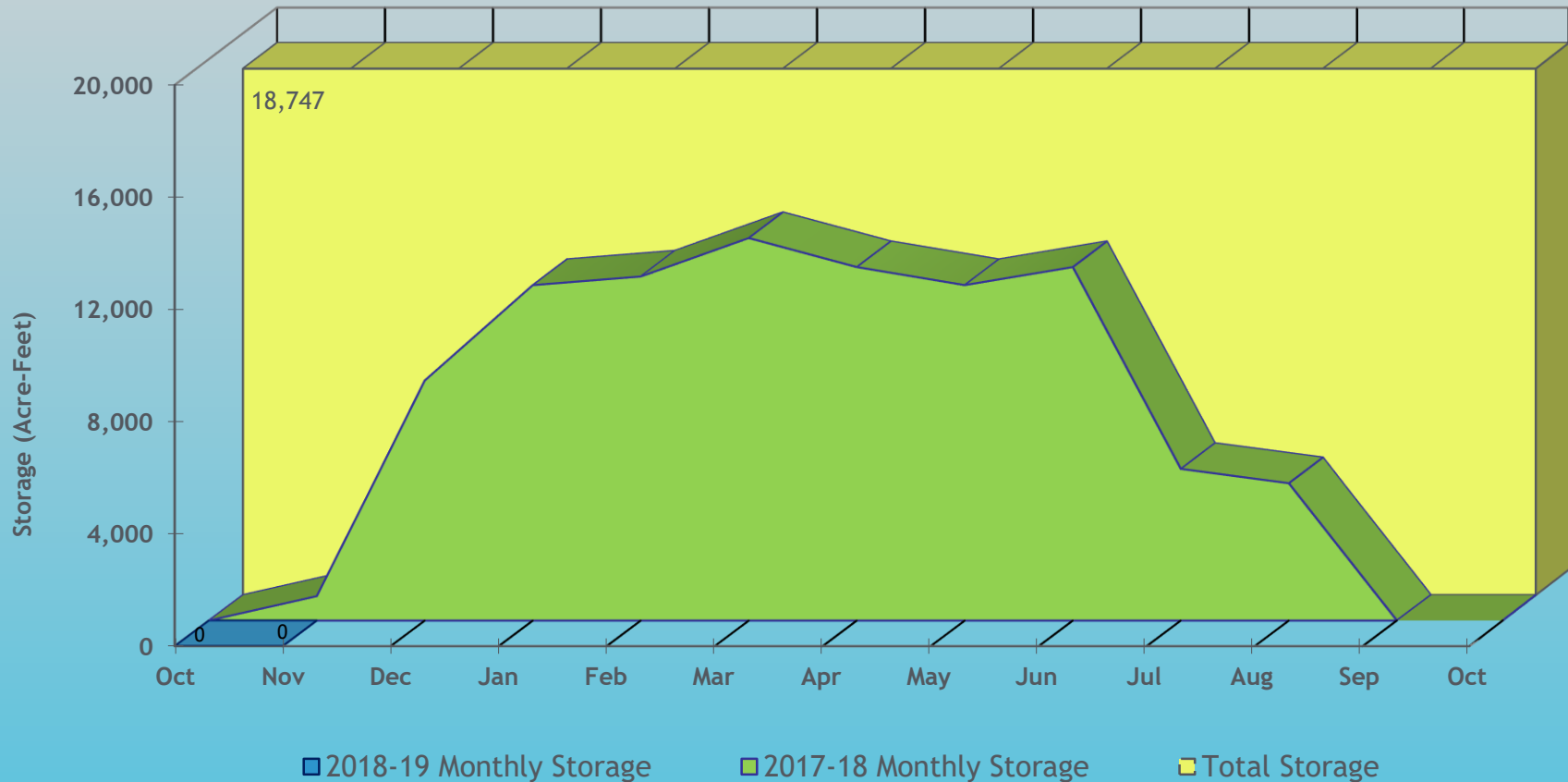
Windsor Reservoir (District 3, Poudre River - Agricultural)



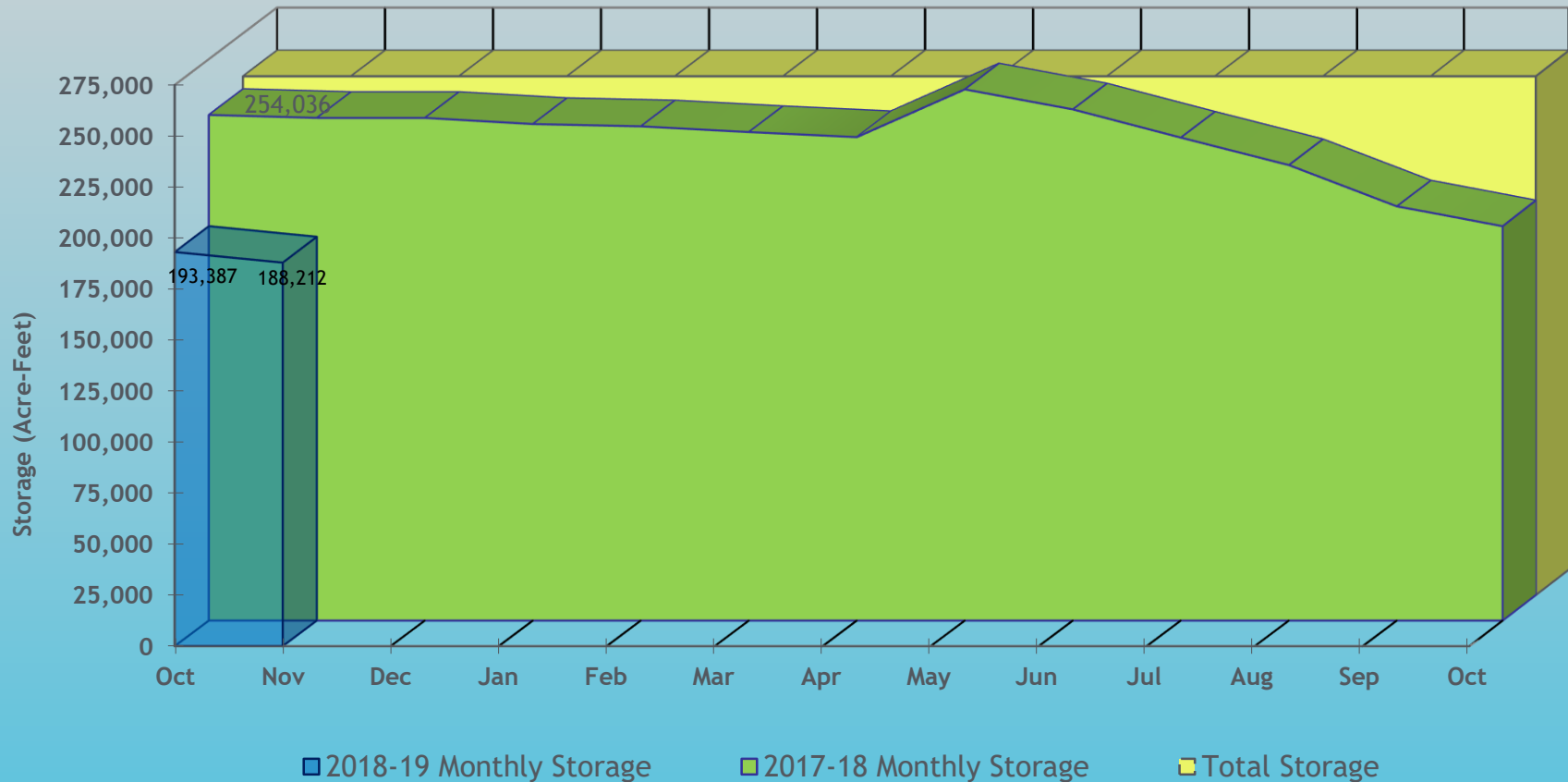
Prospect Reservoir (District 1 - Agricultural)



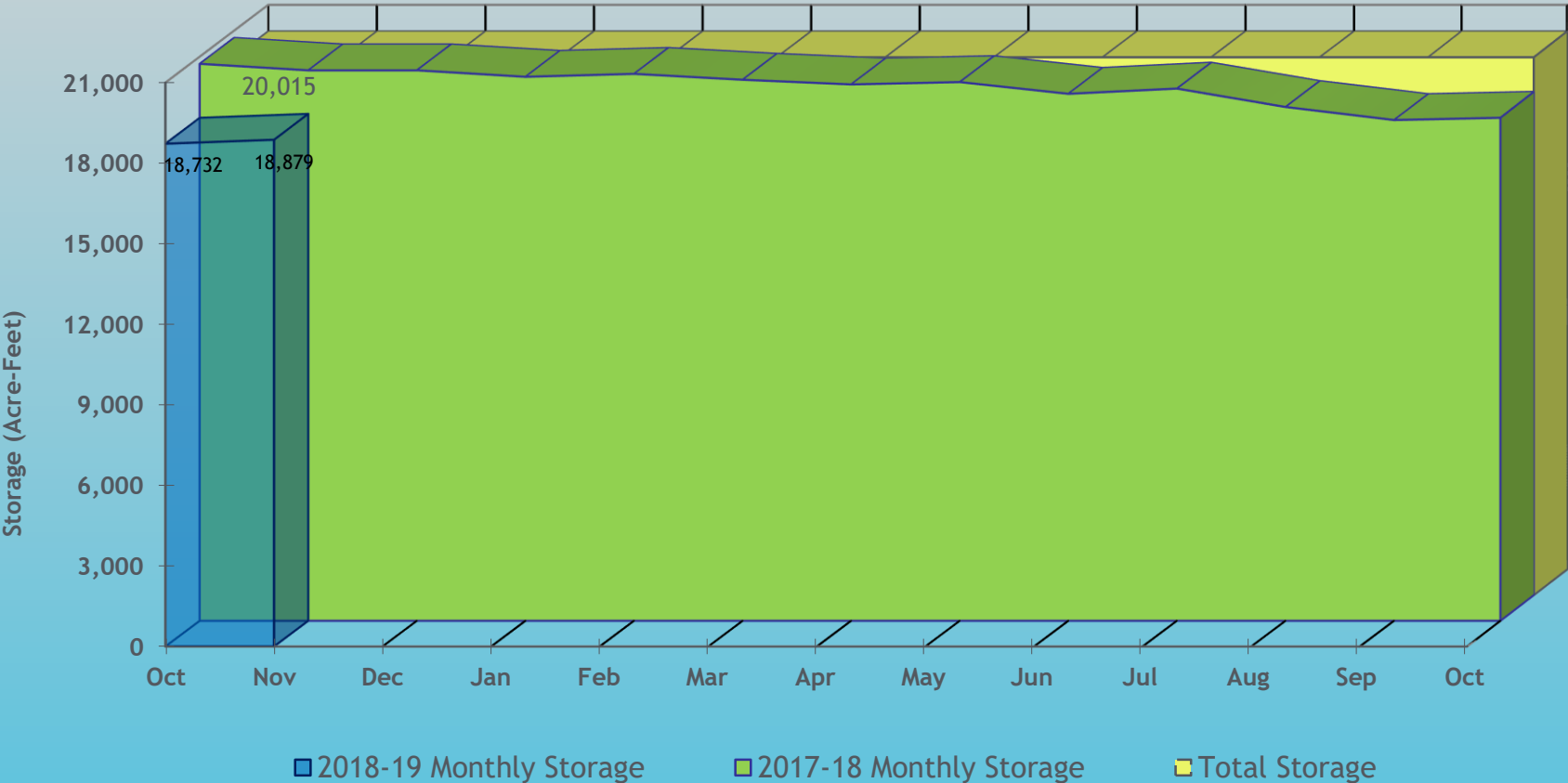
Horse Creek Reservoir (District 1 - Agricultural)



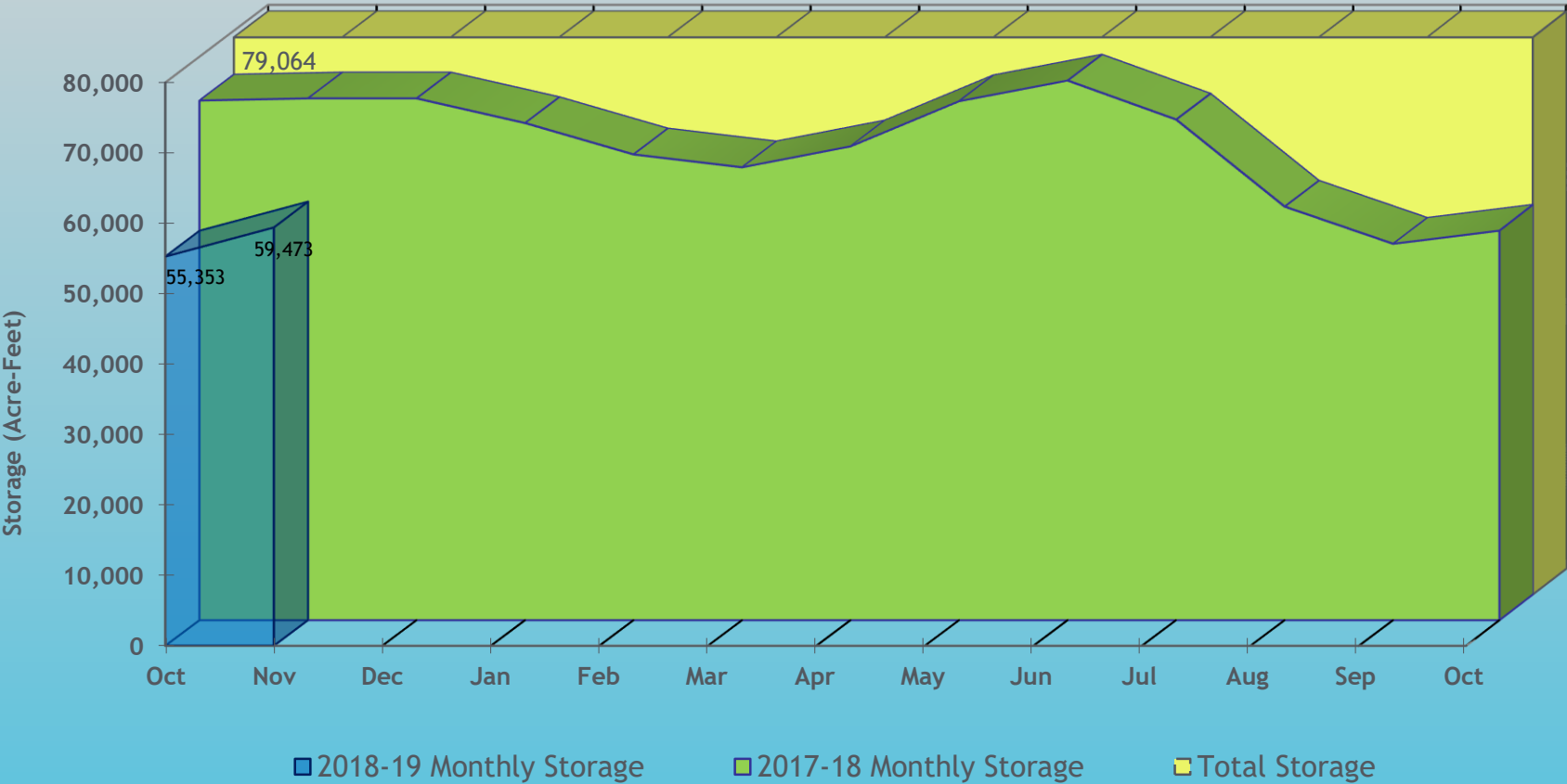
Dillon Reservoir (District 1 - Municipal)



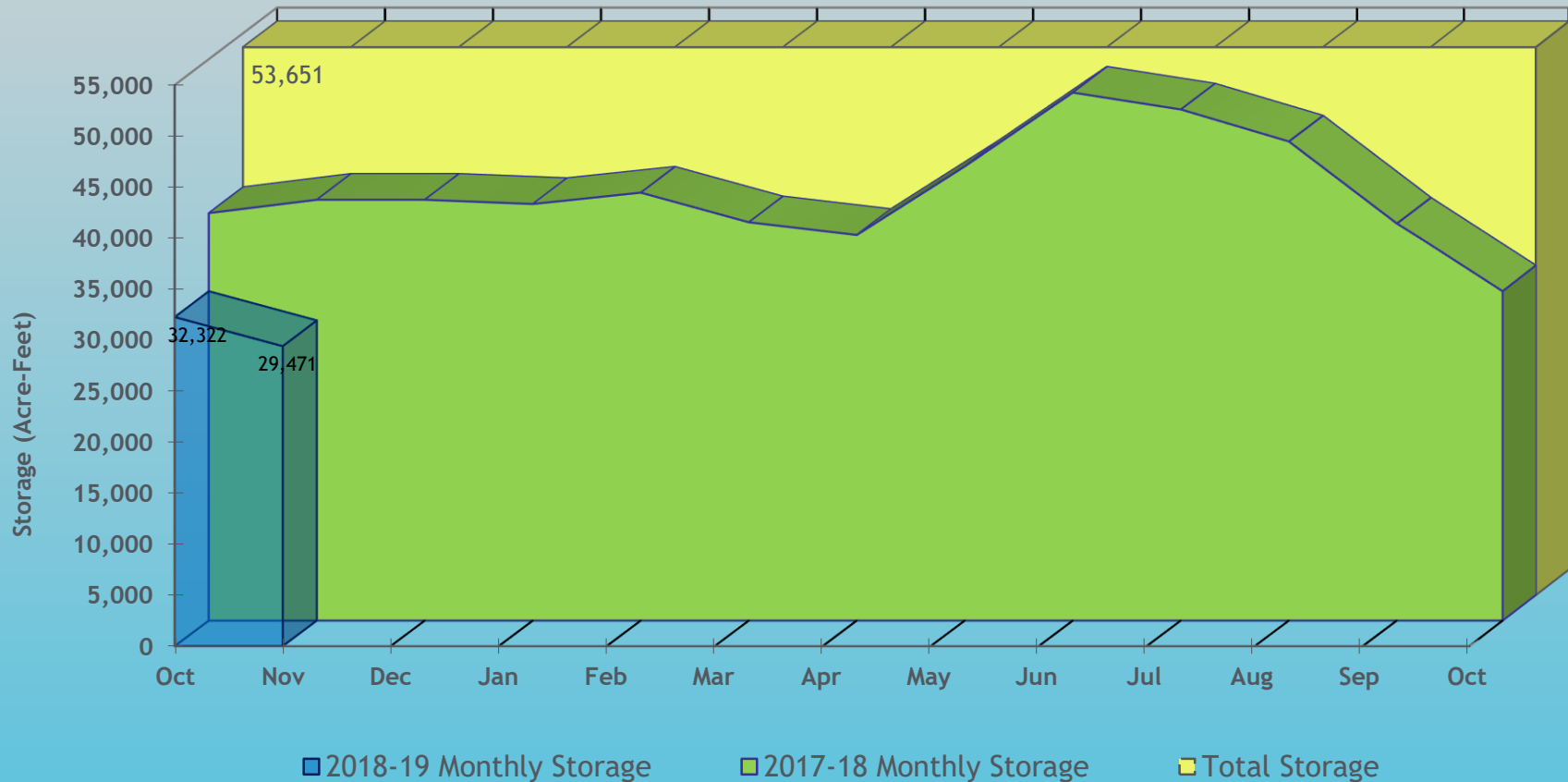
Antero Reservoir (District 23 - Municipal)



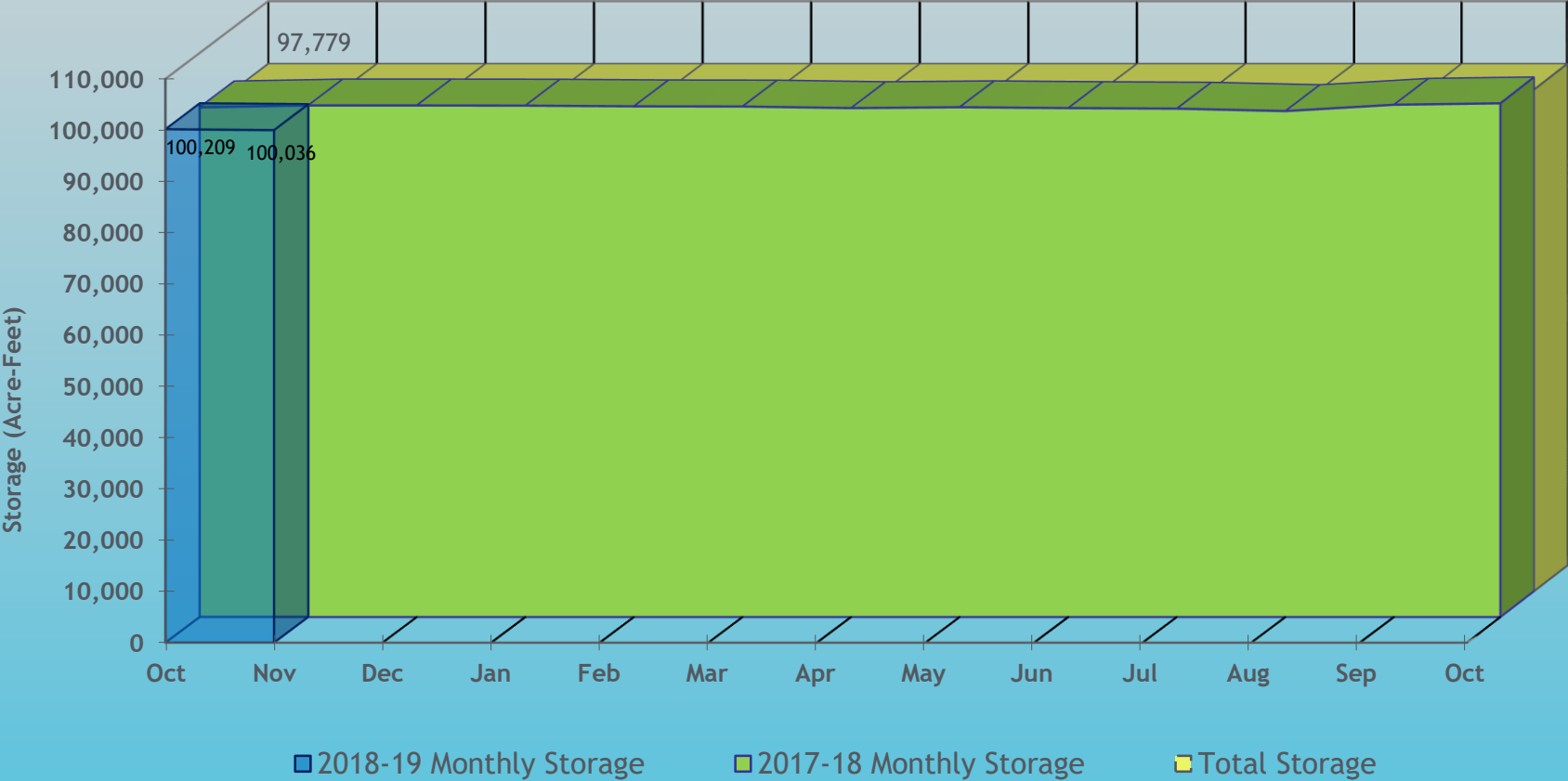
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

