



COLORADO
Department of Natural Resources

South Platte Summary March 2017

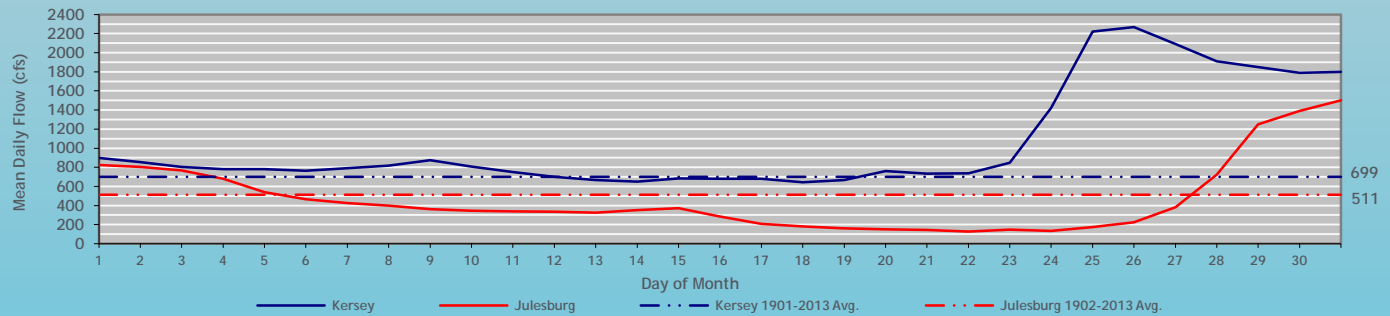
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

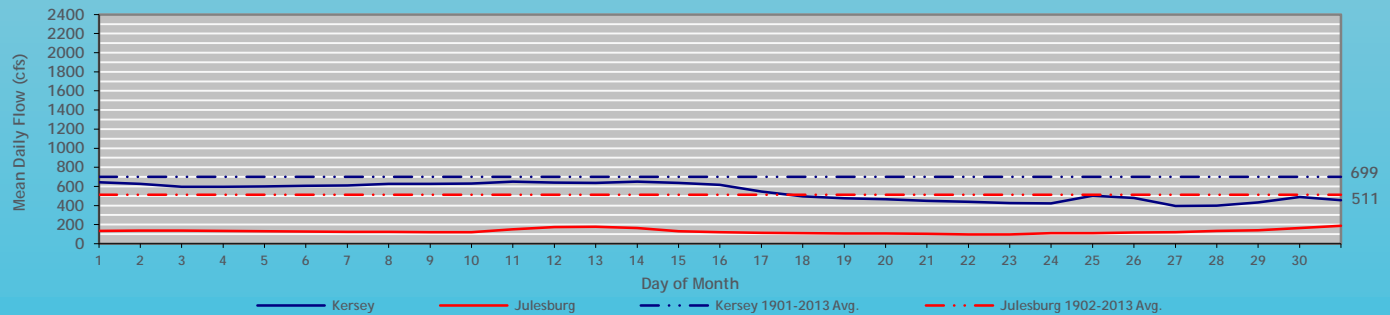
MONTH OF March 2017

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	14,089	20,577	64	6,488	46%	91%	91%	0
N STERLING	73,730	69,296	69,296	64	0	0%	94%	95%	0
PREWITT	28,500	22,653	23,790	64	1,137	5%	83%	75%	0
JACKSON	27,257	26,035	26,035	1	0	0%	96%	95%	0
EMPIRE	37,700	29,745	36,509	1	6,764	23%	97%	92%	0
RIVERSIDE	63,113	50,394	52,610	1	2,216	4%	83%	88%	0
BARR LAKE	32,152	26,029	29,555	2	3,526	14%	92%	91%	0
CHEESMAN	79,064	72,155	73,643	80	1,488	2%	93%	93%	0
ELEVEN MILE	97,779	99,280	99,486	23	206	0%	100%	100%	1,707
SPINNEY	53,651	34,222	36,134	23	1,912	6%	67%	65%	0
ANTERO	20,015	14,920	15,424	23	504	3%	77%	2%	0

KERSEY and JULESBURG
March 2016



KERSEY and JULESBURG
March 2017

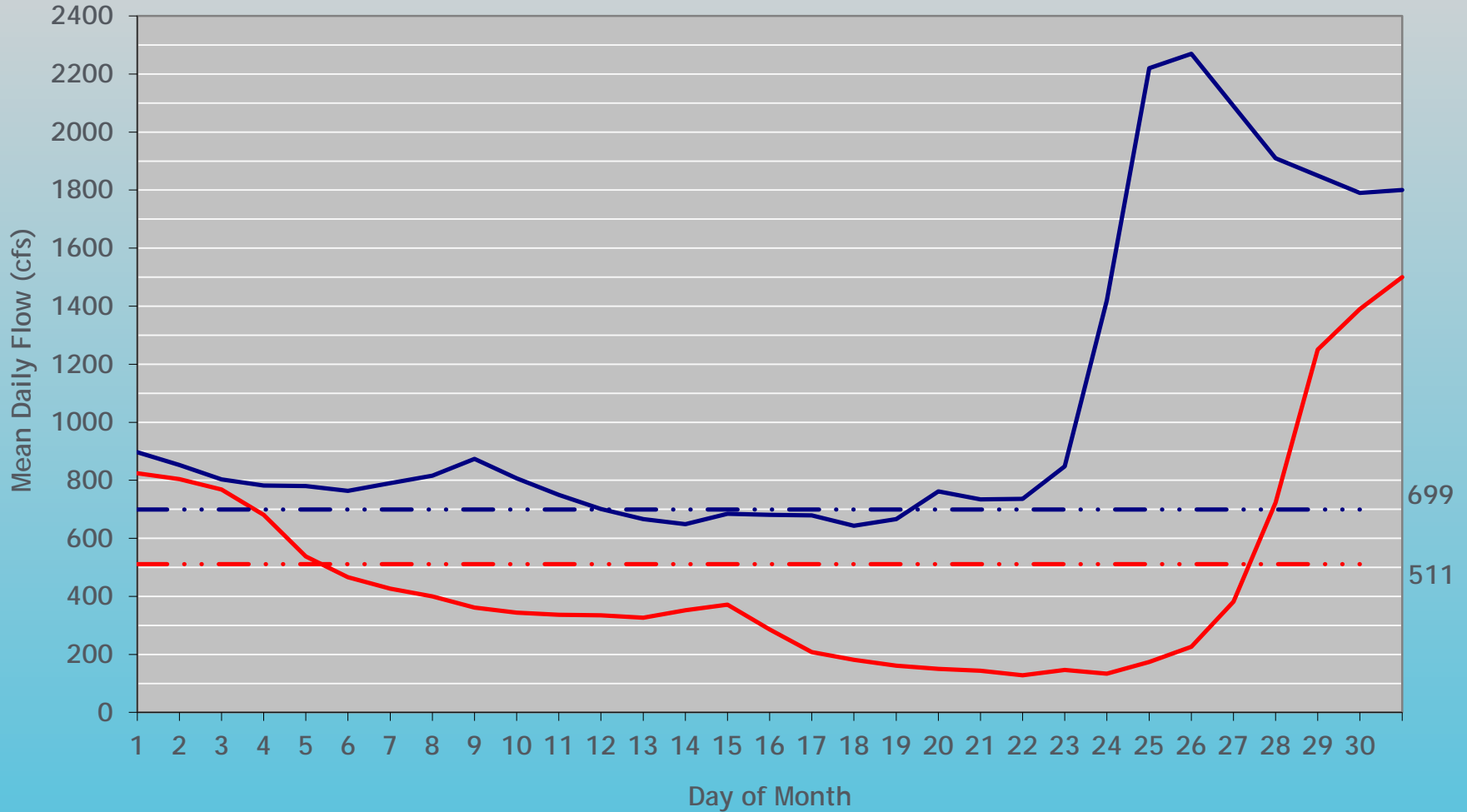


RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	544
JULESBURG	130
THIS MONTH LAST YEAR	
KERSEY	1055
JULESBURG	468
MEAN FOR PERIOD OF RECORD*	
KERSEY	699
JULESBURG	511

*Kersey 1901 - 2016
*Julesburg 1902 - 2016

KERSEY and JULESBURG

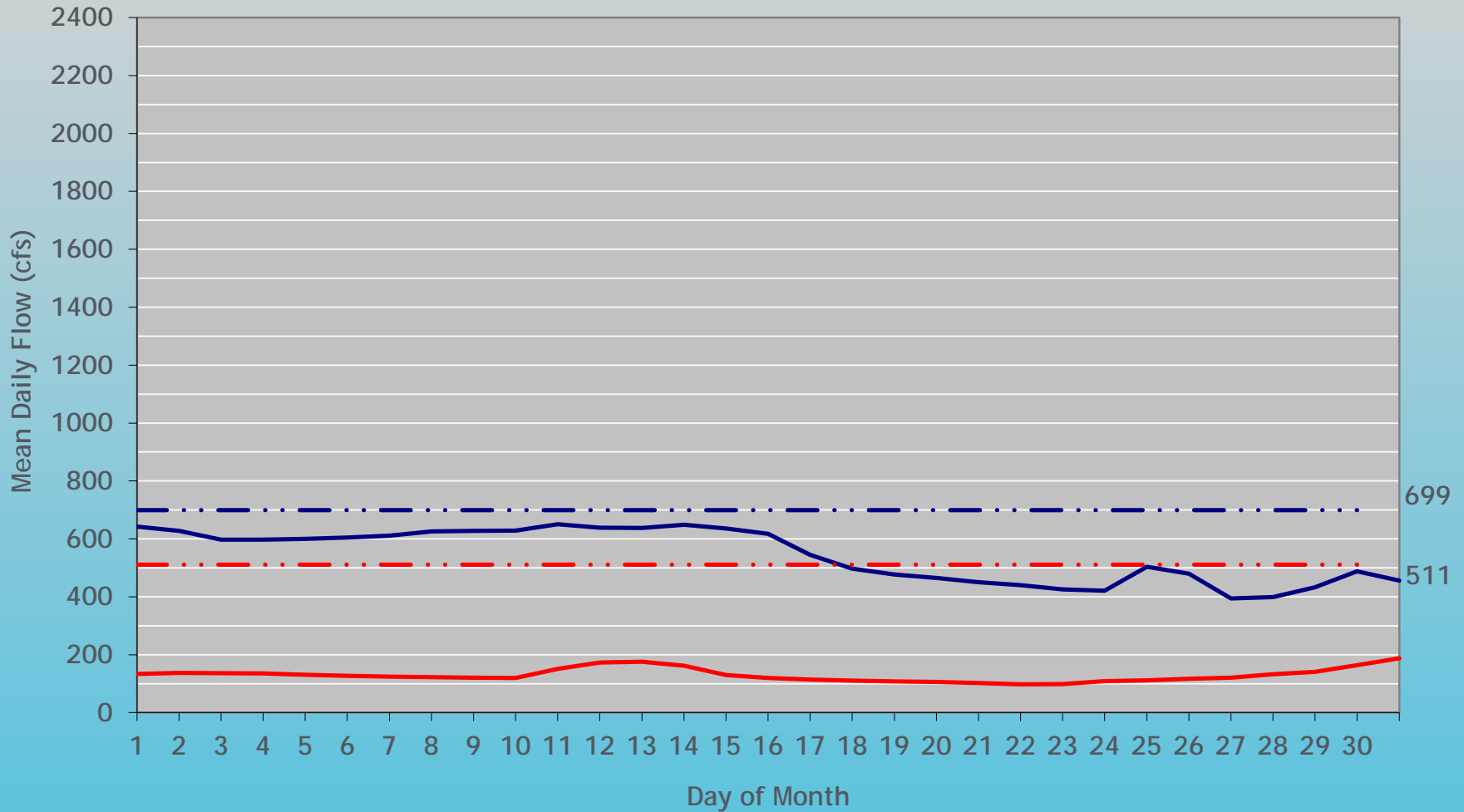
March 2016



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

KERSEY and JULESBURG

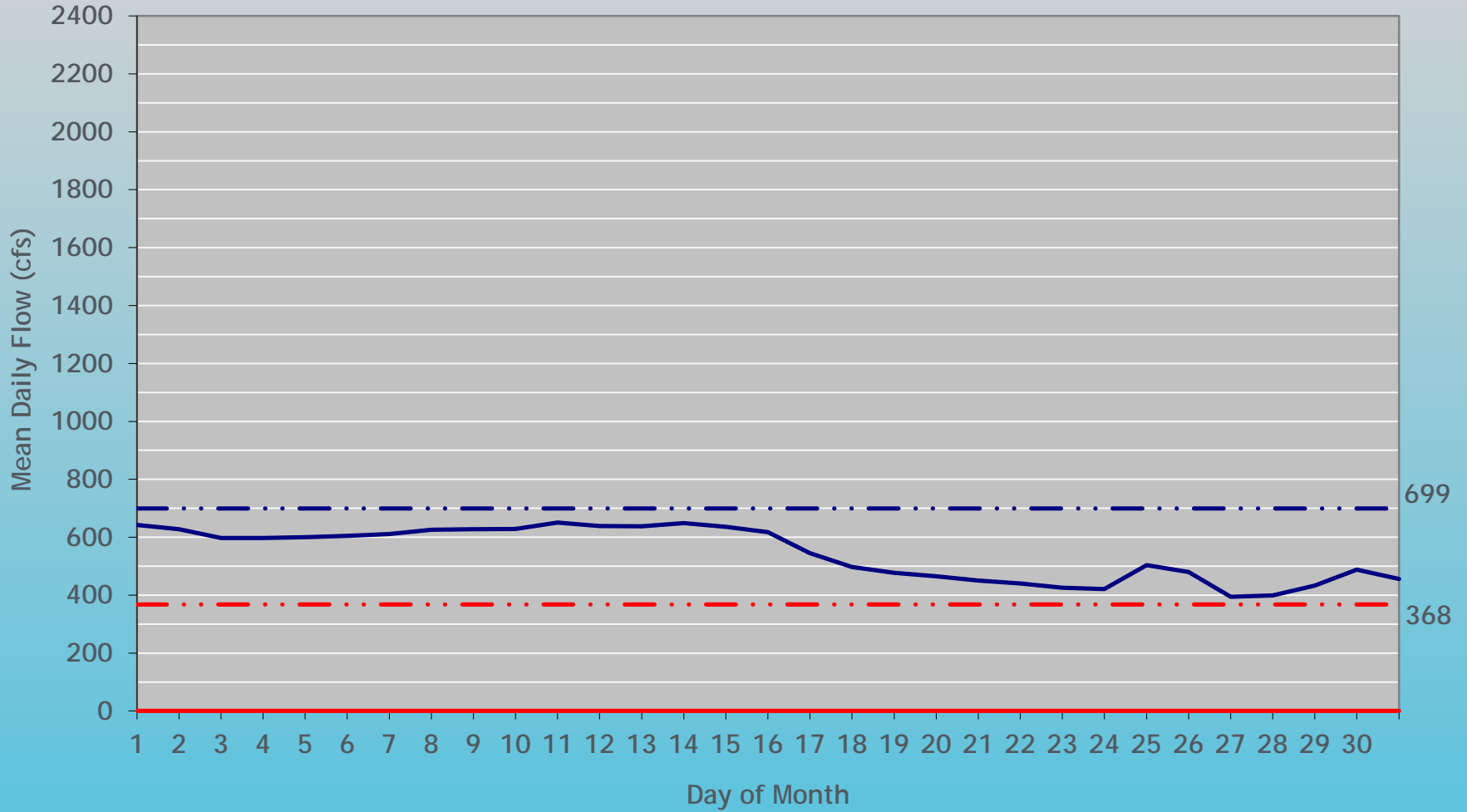
March 2017



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

KERSEY and BALZAC*

March 2017



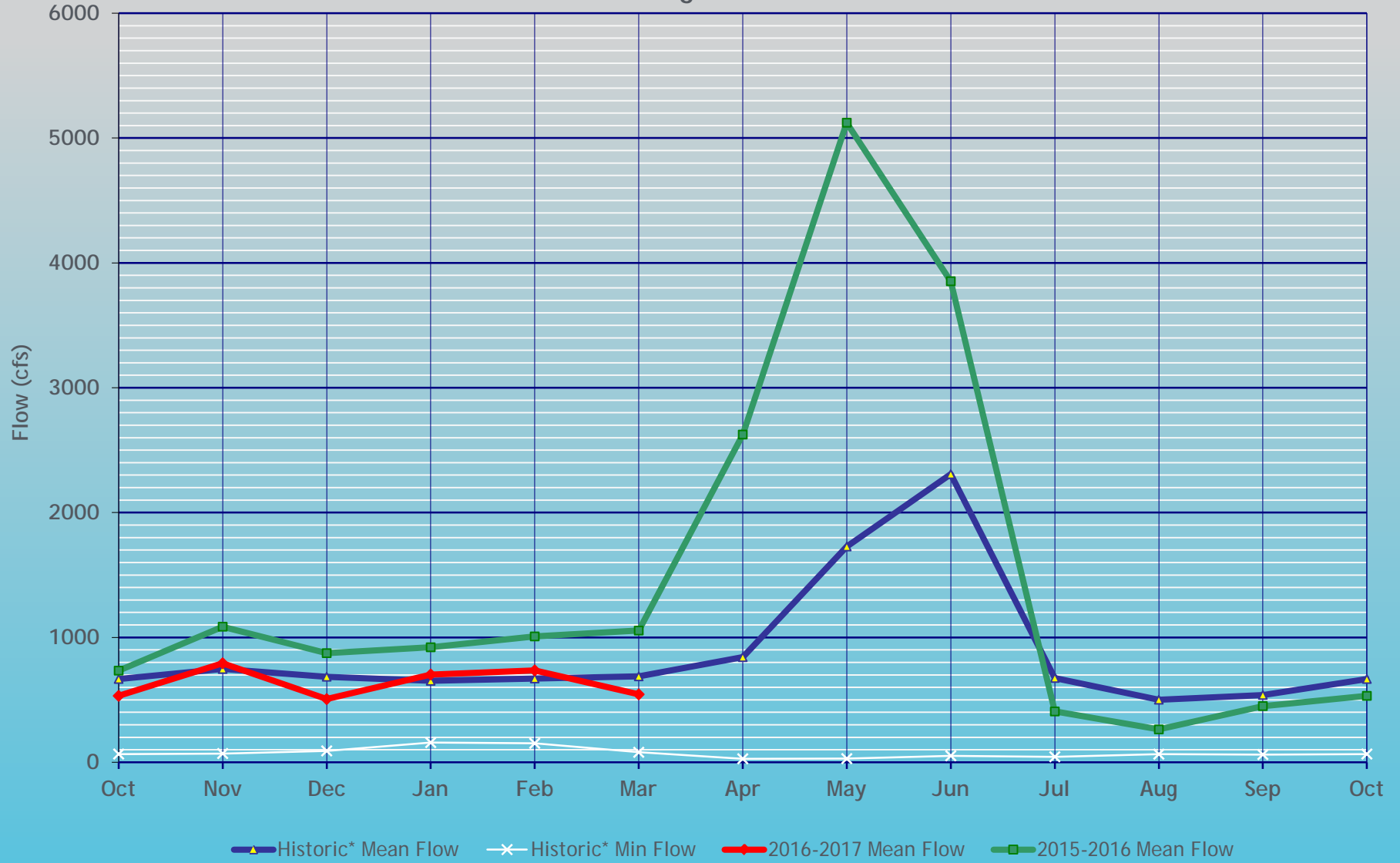
— Kersey — *Balzac is OFFLINE due to construction - · Kersey 1901-2013 Avg. - · Balzac 1917-2013 Avg.

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 2017 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2017 Mean Monthly Flow
Oct	667	6180	1984	66	1954	532	Oct	299	3130	1984	4.2	1903	134
Nov	747	3650	1984	70	1934	793	Nov	335	2900	1984	4.2	1903	347
Dec	685	1890	1961	91	1934	506	Dec	401	1820	1984	13	2002	285
Jan	652	2160	1974	158	1935	703	Jan	512	2510	1970	21	2003	994
Feb	671	3060	1914	152	1935	736	Feb	578	3220	1930	29	2005	535
Mar	688	3470	1983	80	1935	544	Mar	512	12900	1910	15	1904	130
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

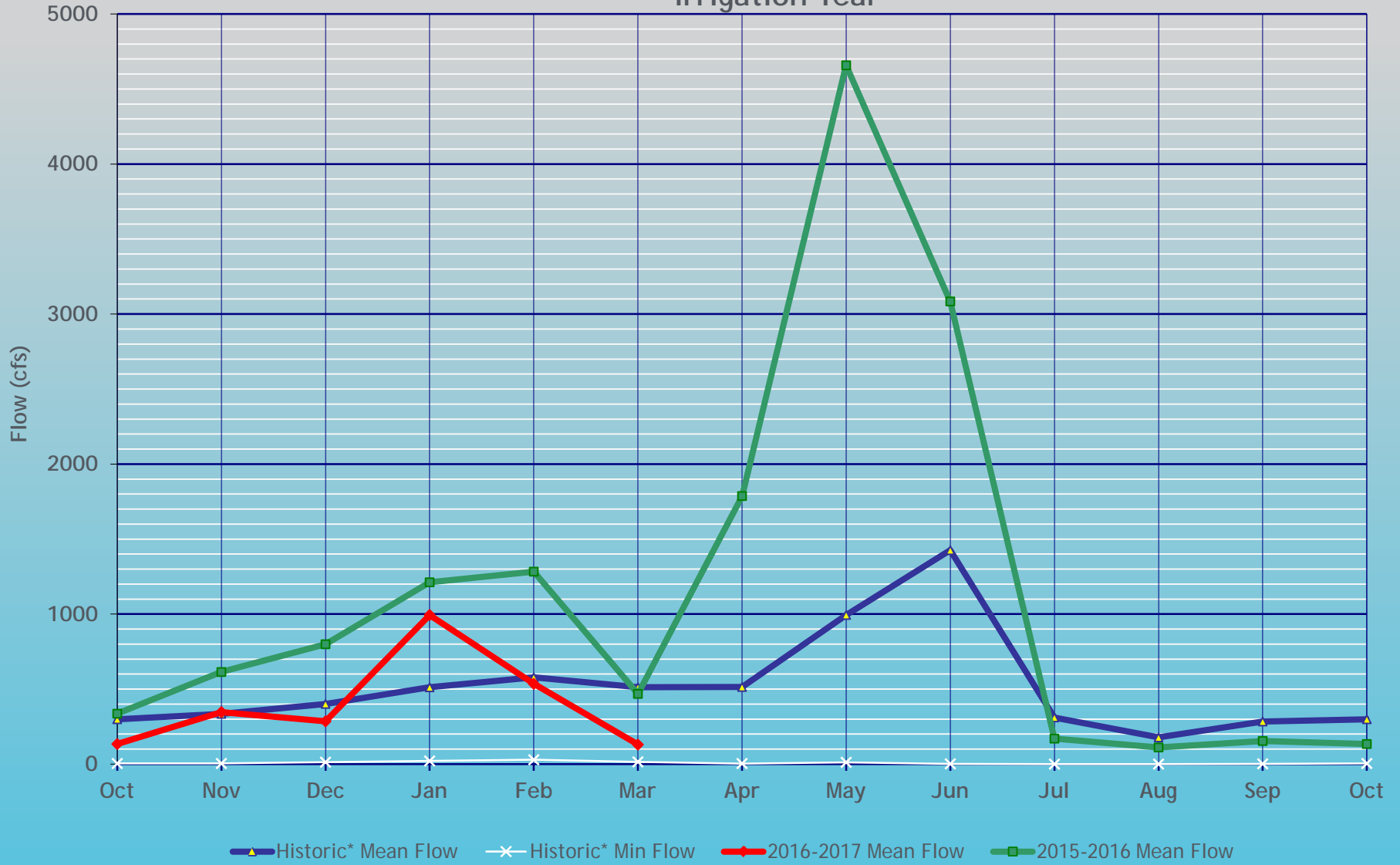
Irrigation Year



*1901-2016

South Platte River at Julesburg

Irrigation Year

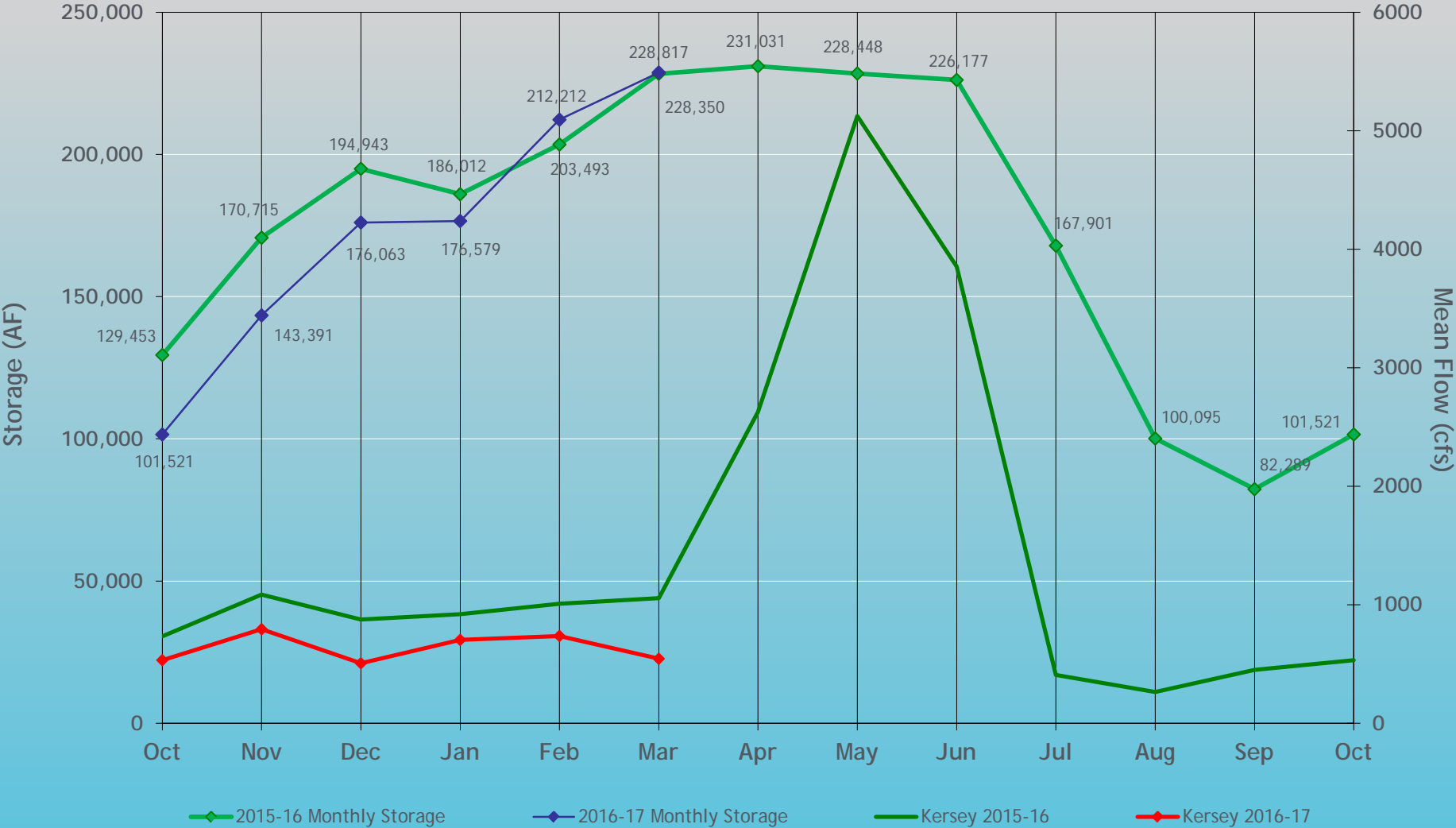


*1901-2016



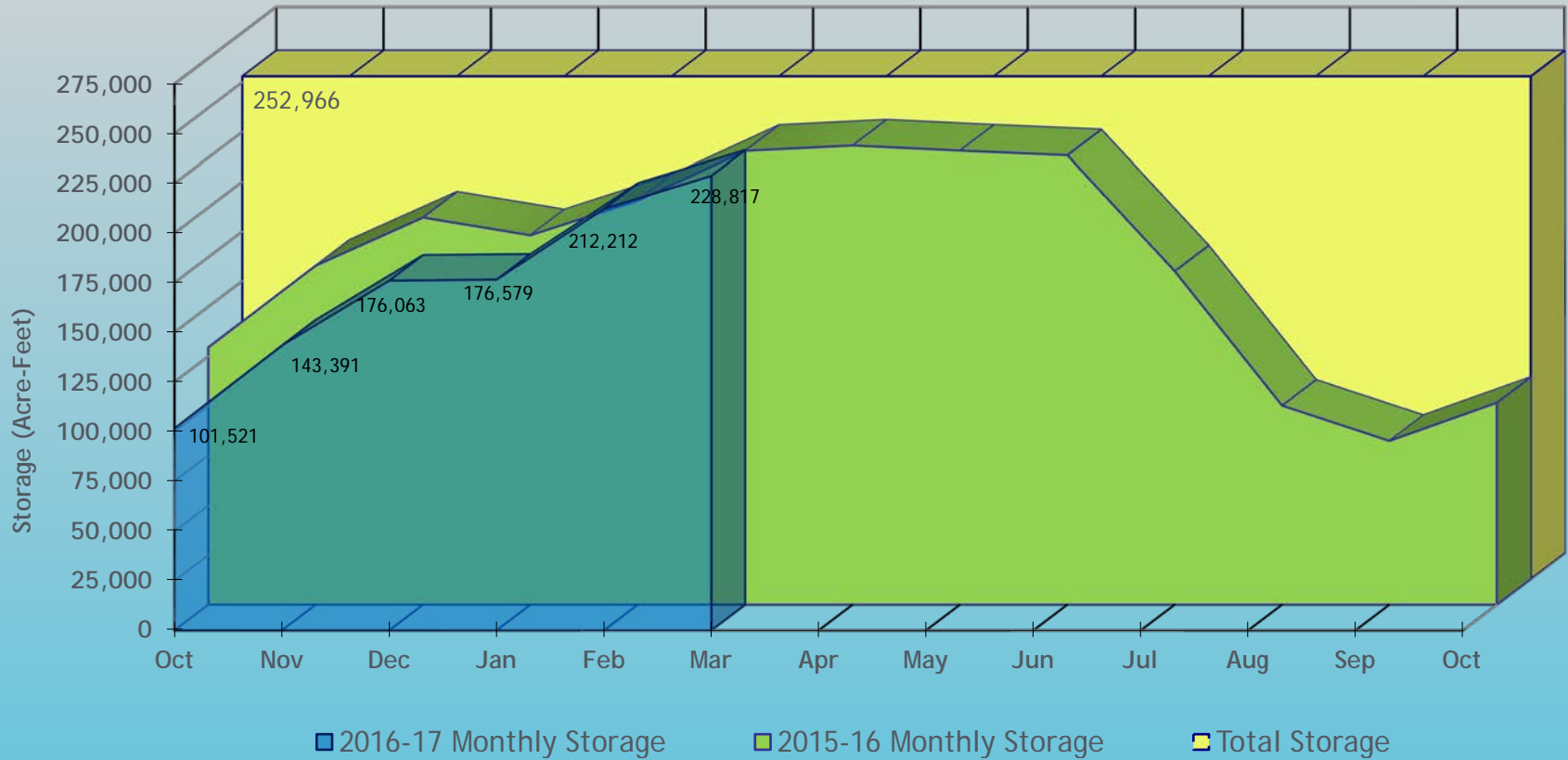
Reservoir Storage below Kersey

Selected Reservoirs*



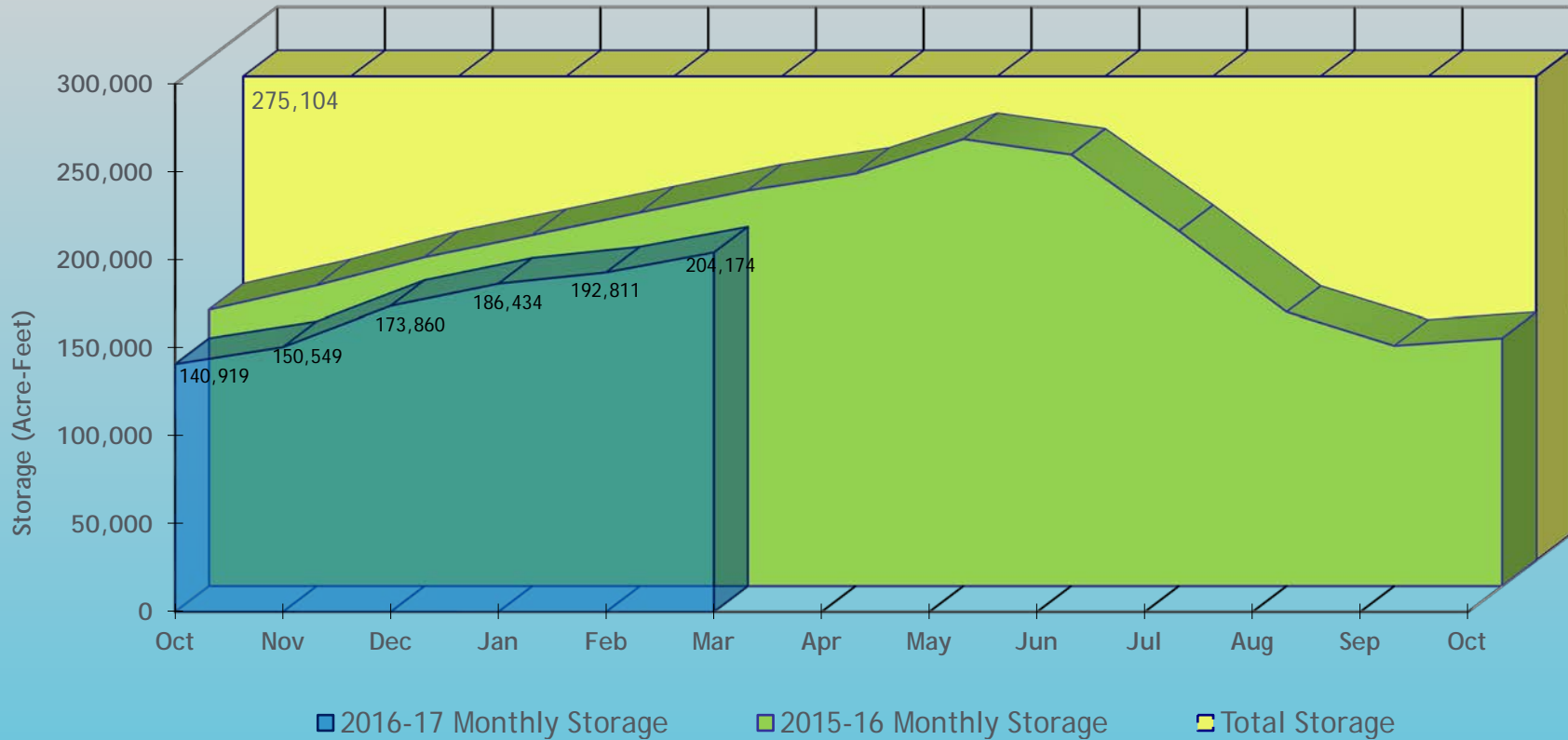
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

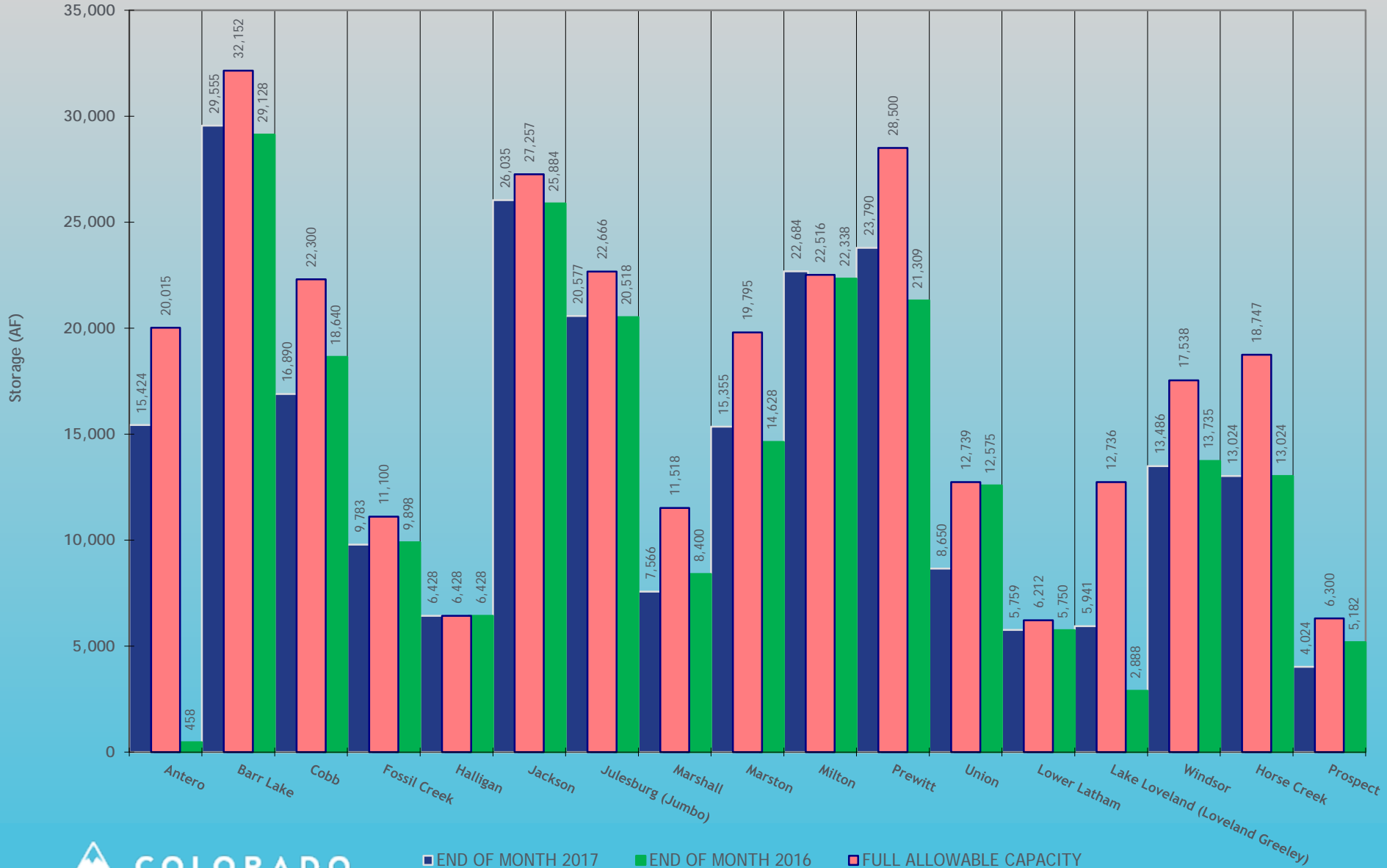
South Platte Reservoir Storage above Kersey*



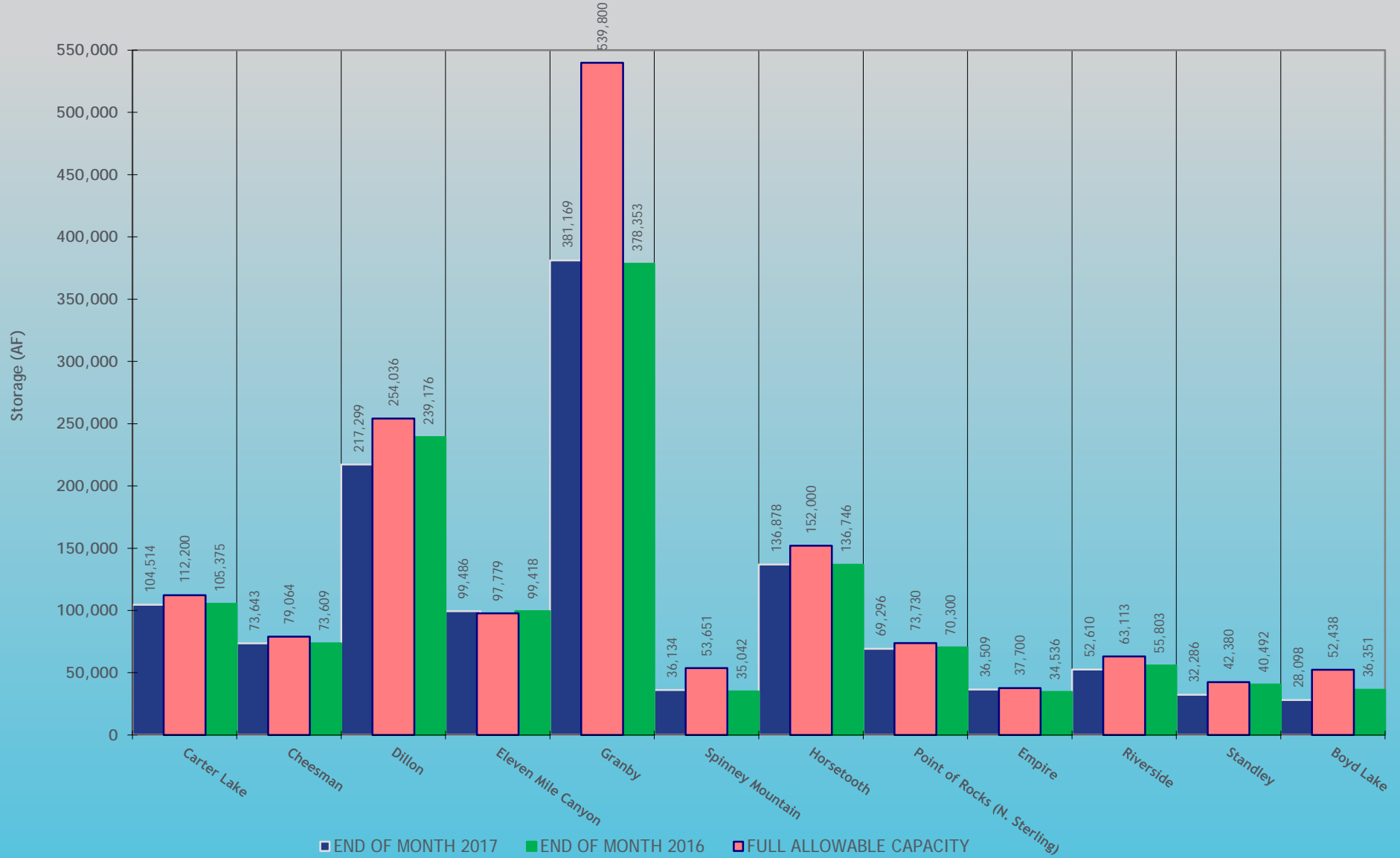
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



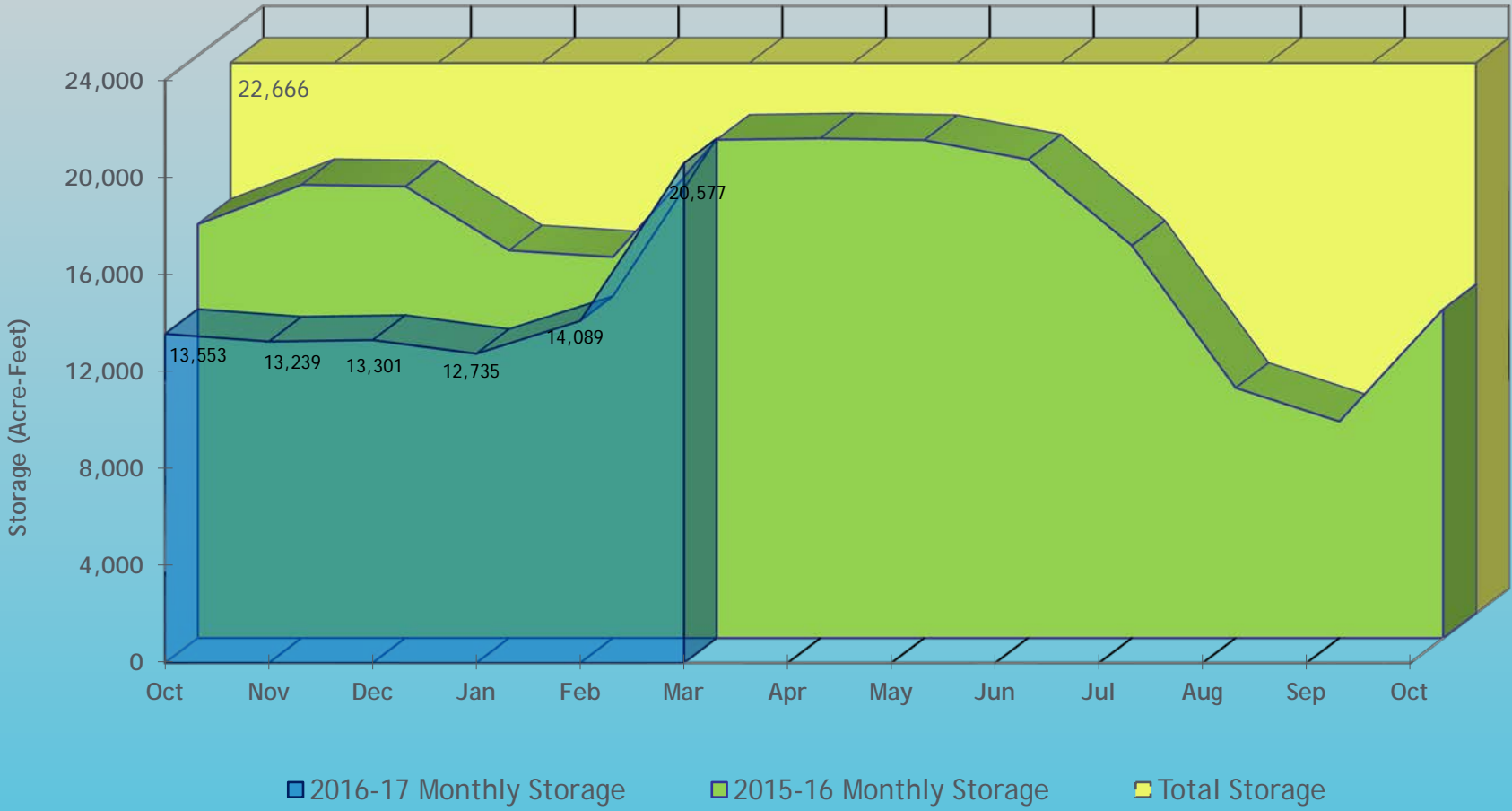
March Reservoir Change in Storage 2016 versus 2017



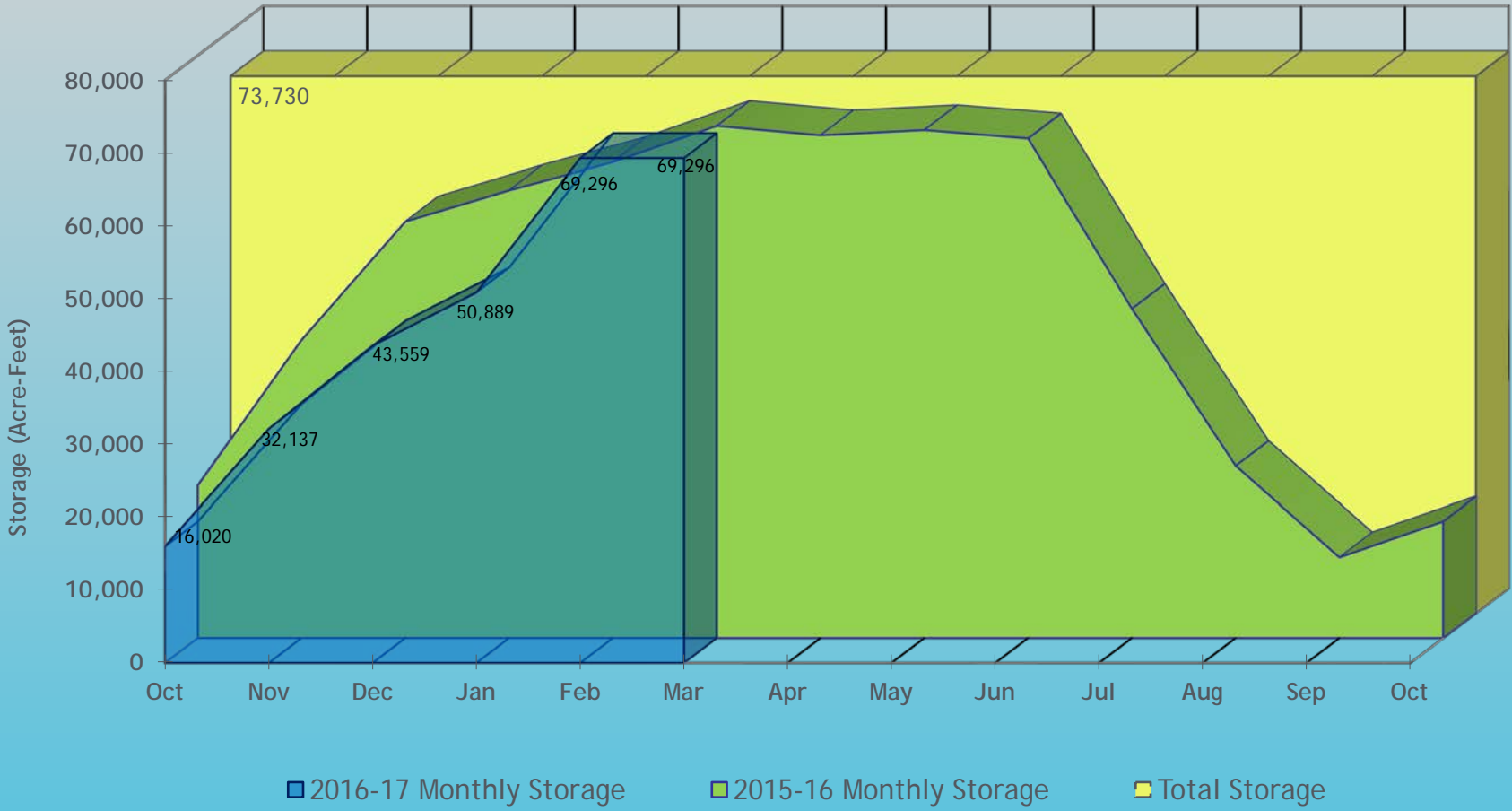
March Reservoir Change in Storage 2016 versus 2017



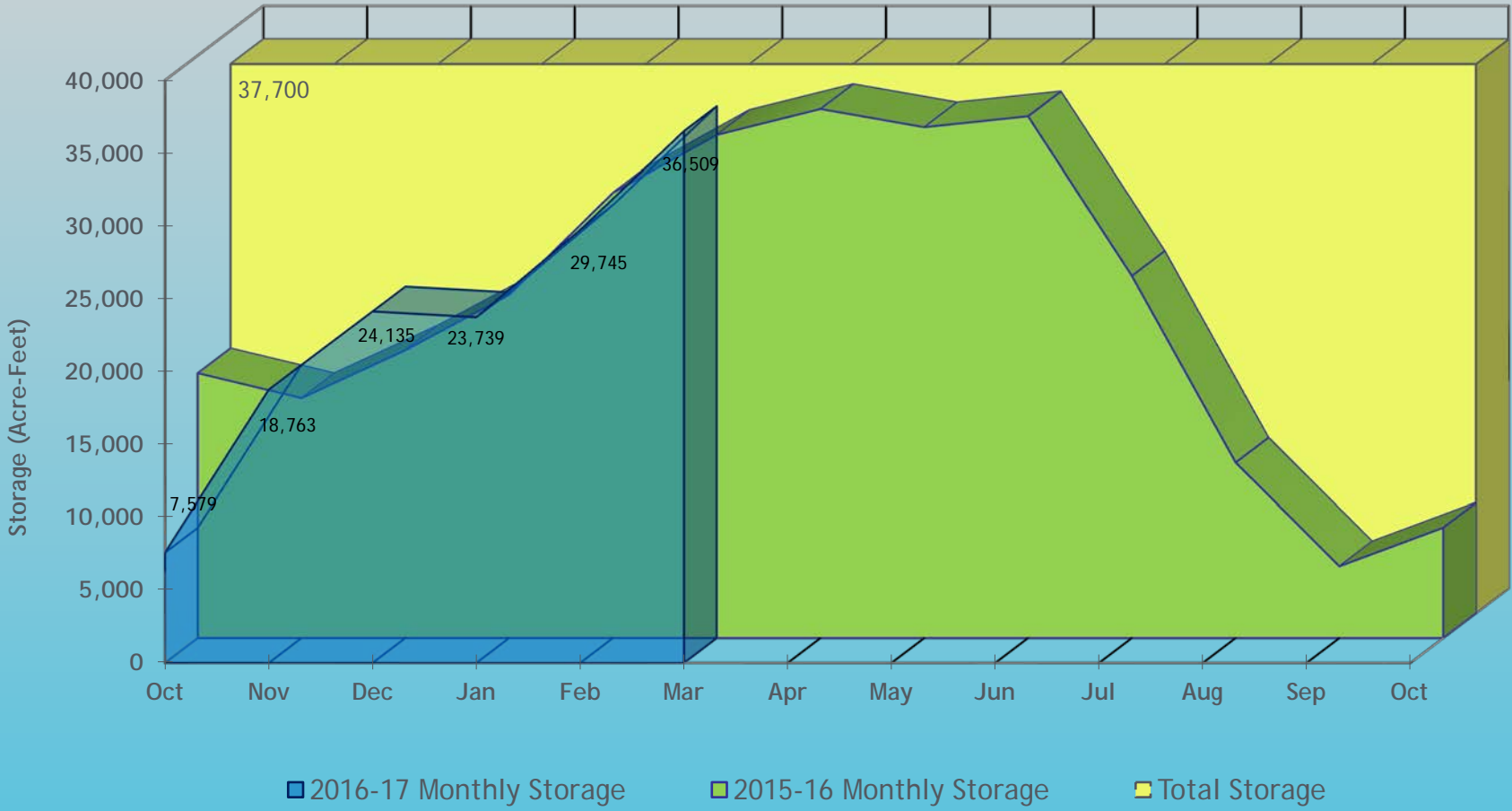
Julesburg Reservoir (District 64 - Agricultural)



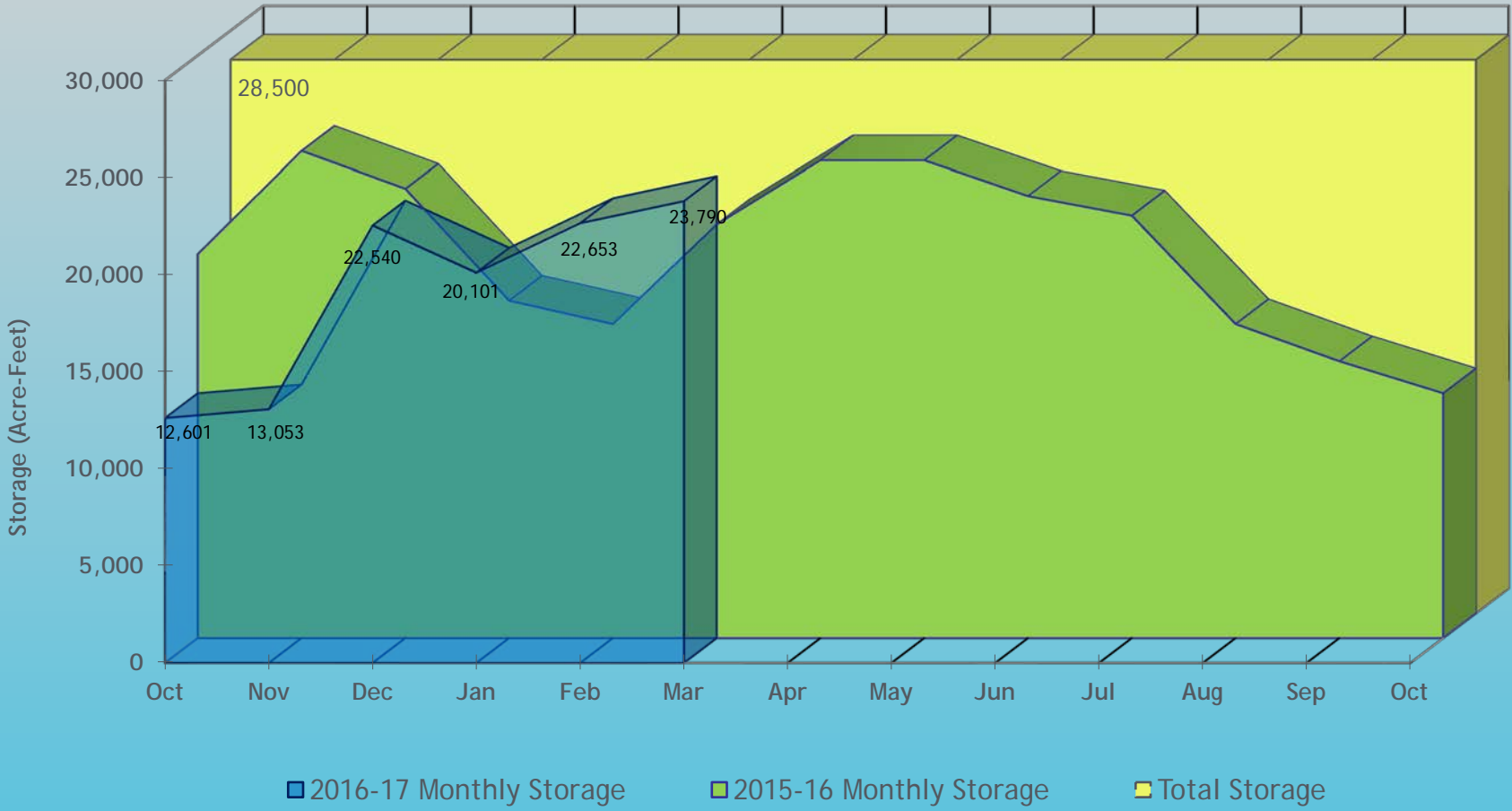
North Sterling Reservoir (District 64 - Agricultural)



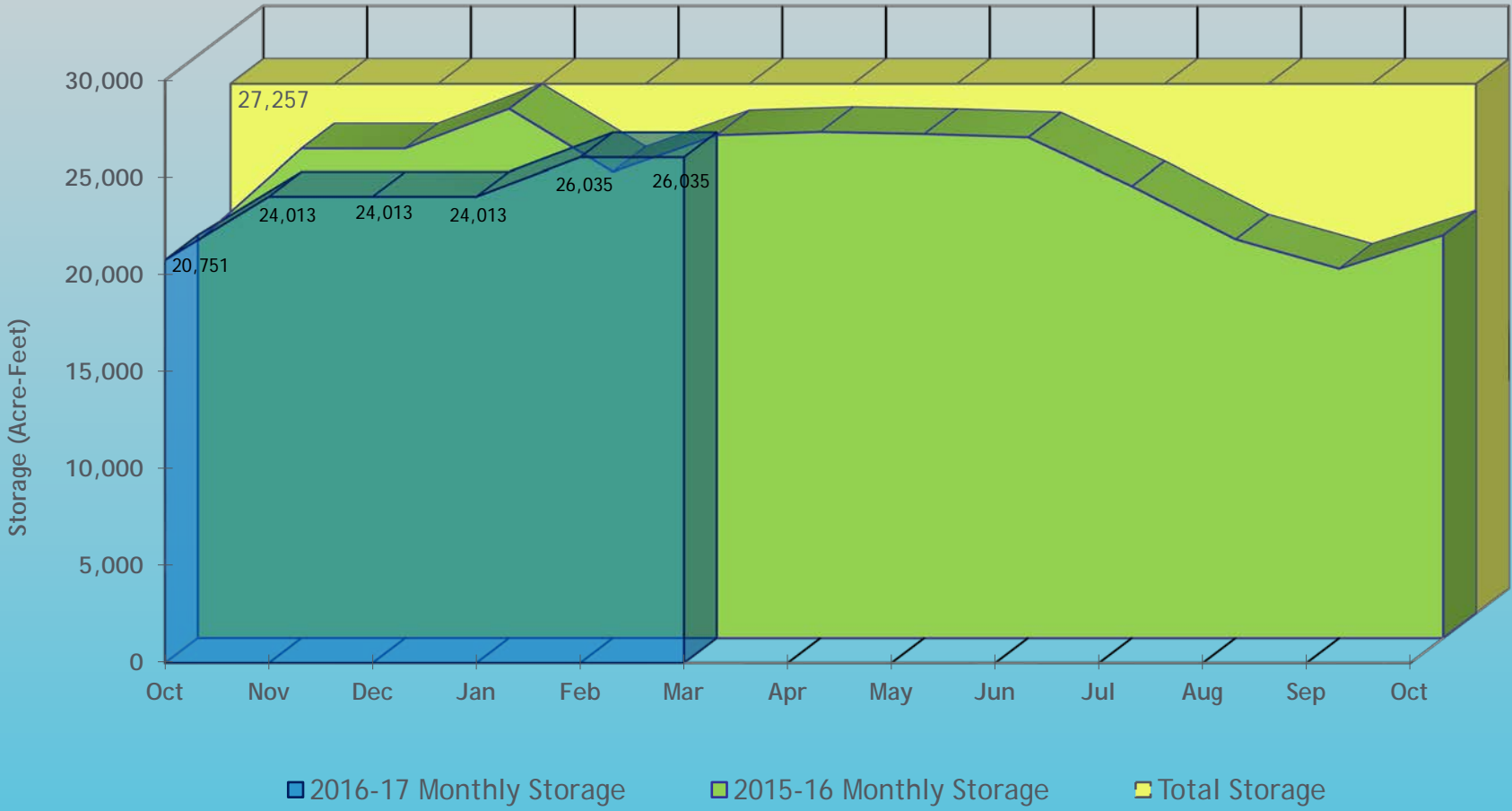
Empire Reservoir (District 1 - Agricultural)



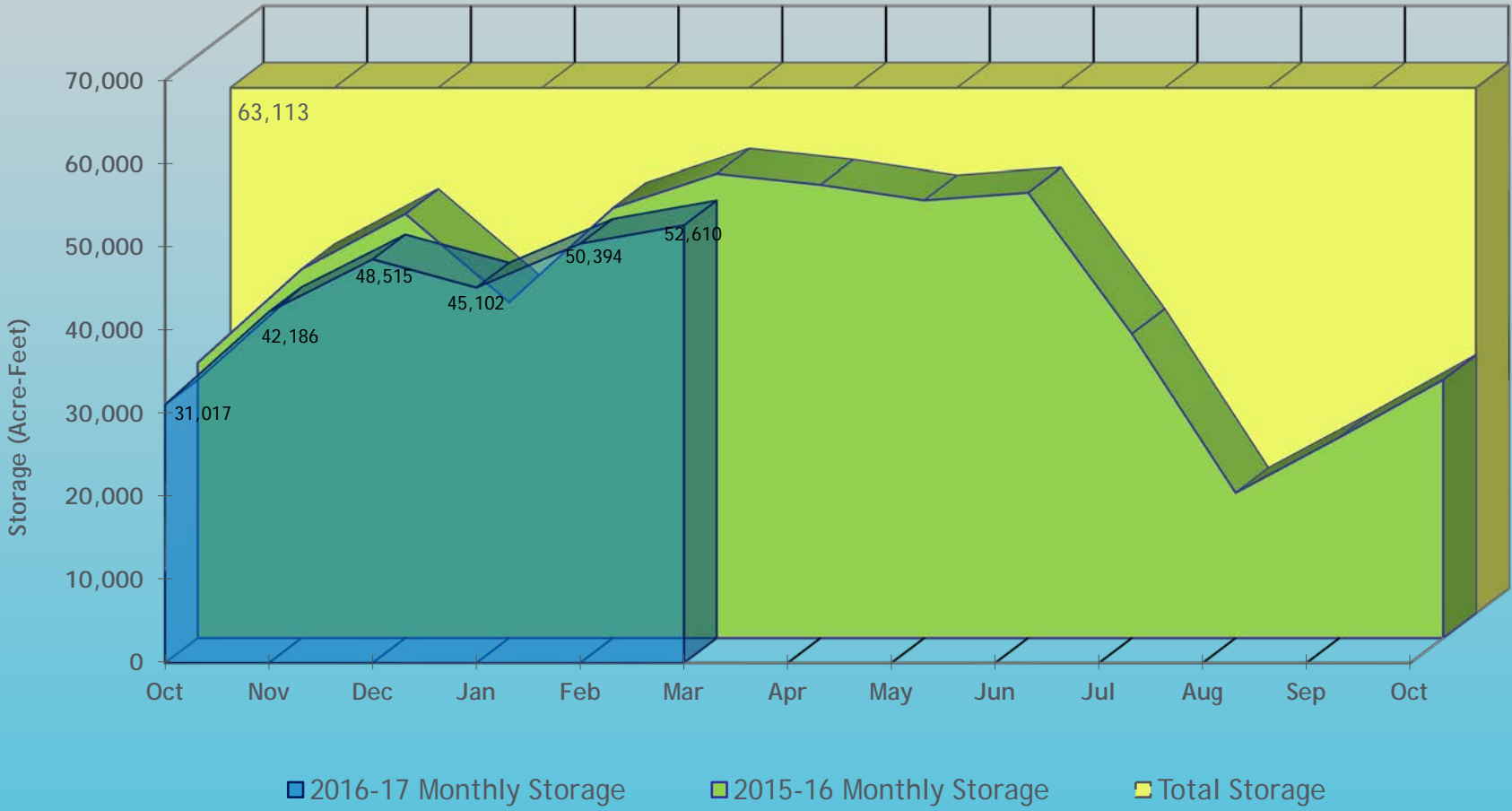
Prewitt Reservoir (District 64 - Agricultural)



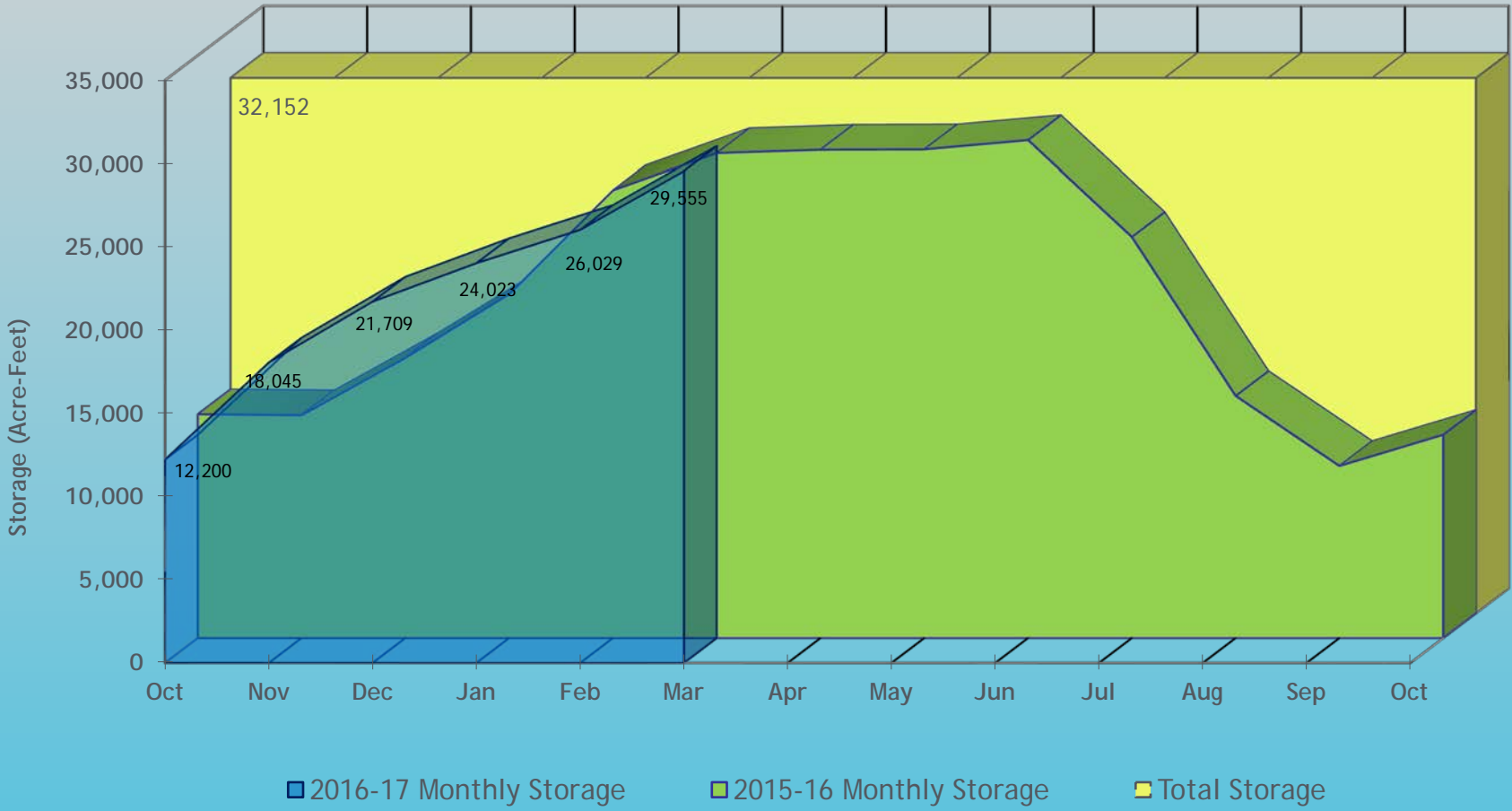
Jackson Reservoir (District 1 - Agricultural)



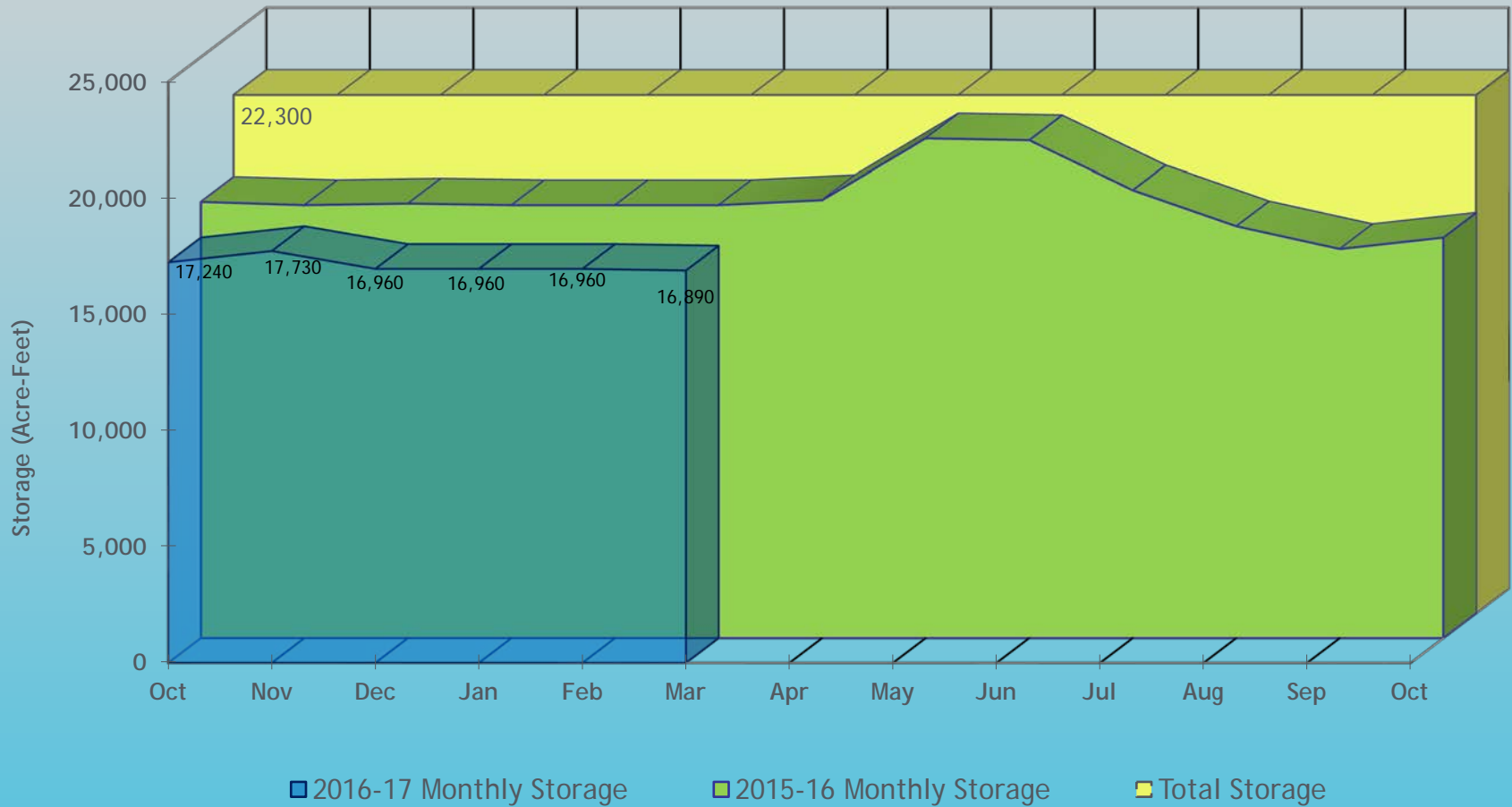
Riverside Reservoir (District 1 - Agricultural)



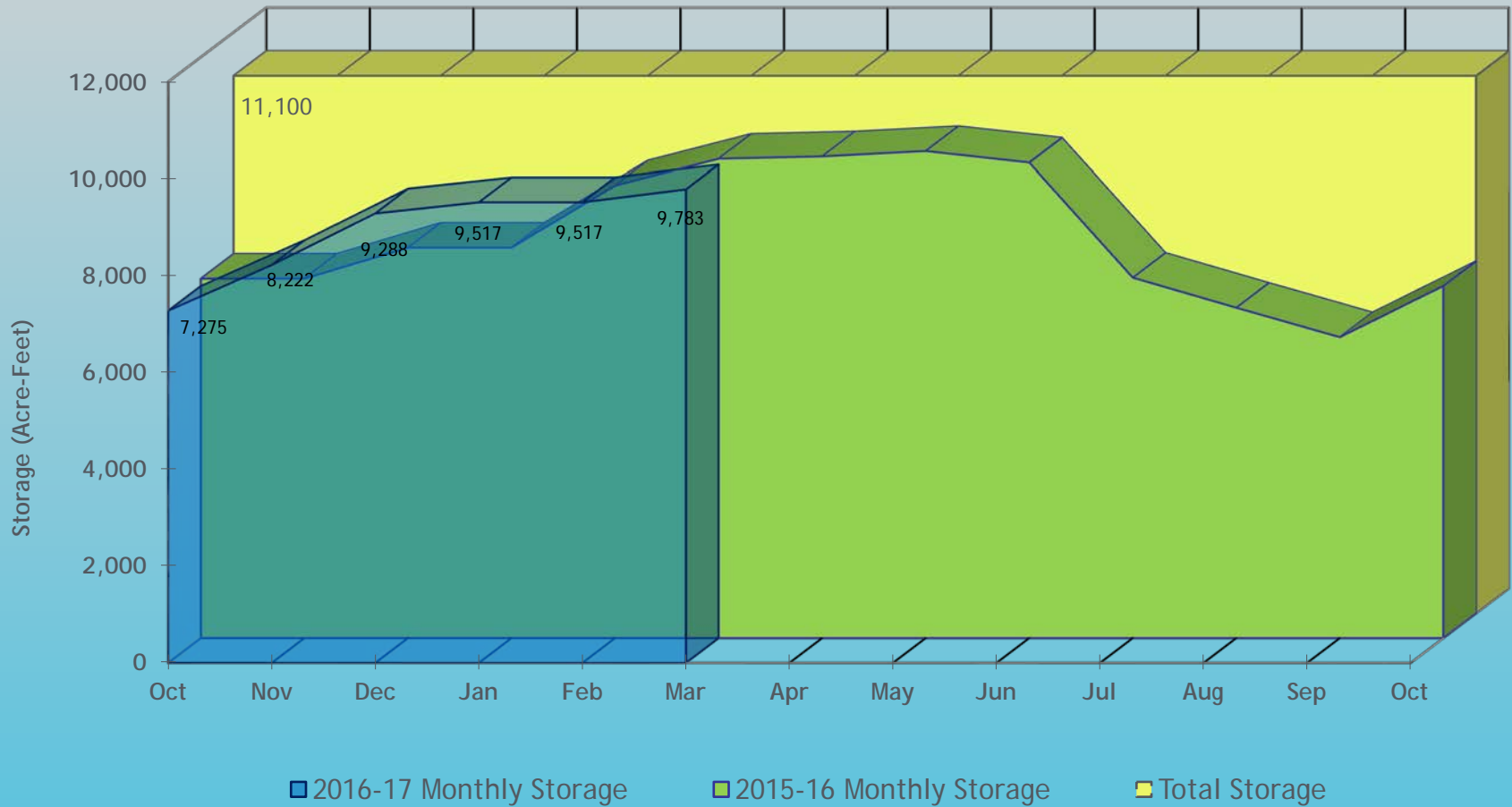
Barr Reservoir (District 2 - Agricultural)



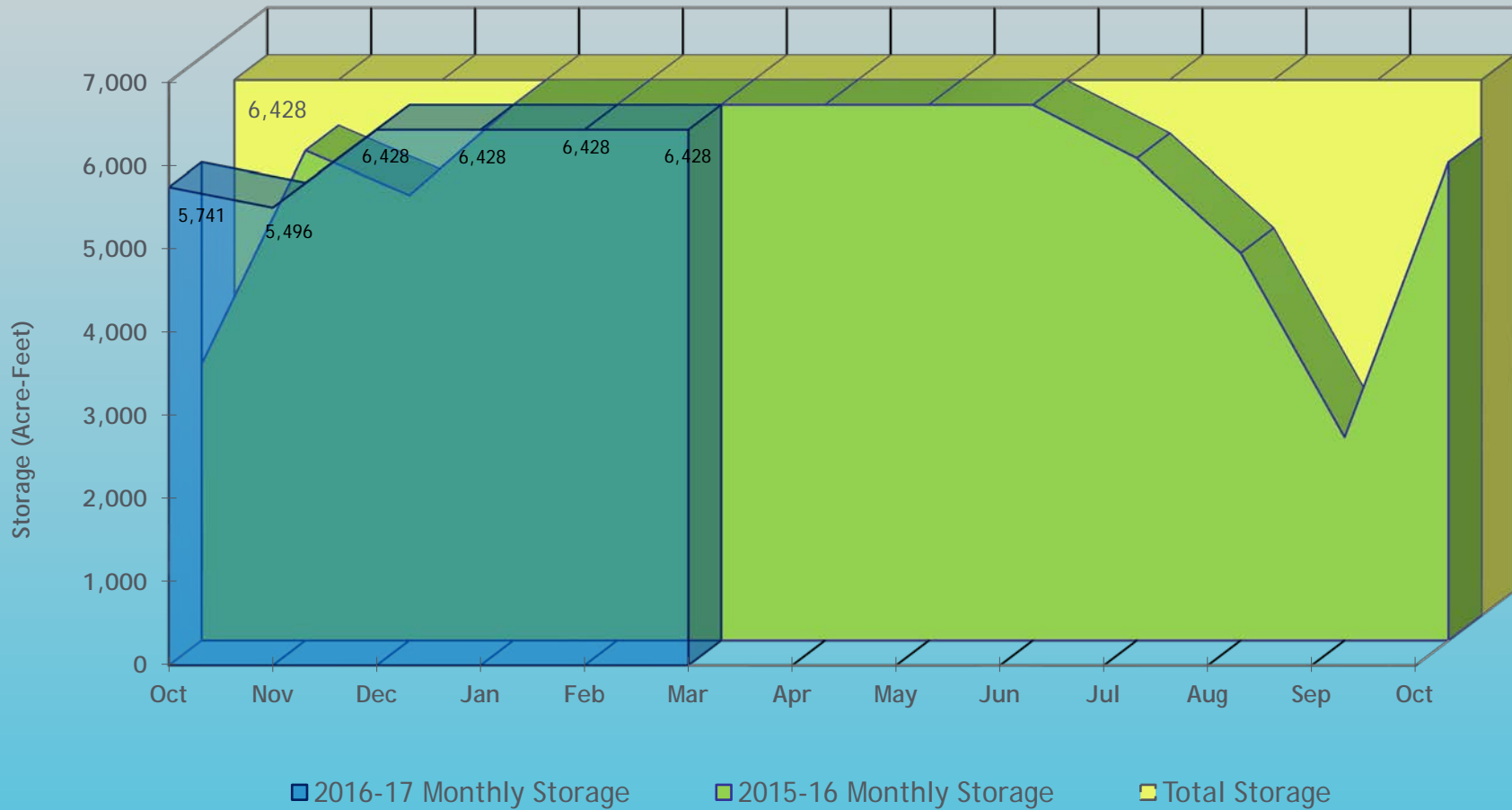
Cobb Reservoir (District 3, Poudre River - Agricultural)



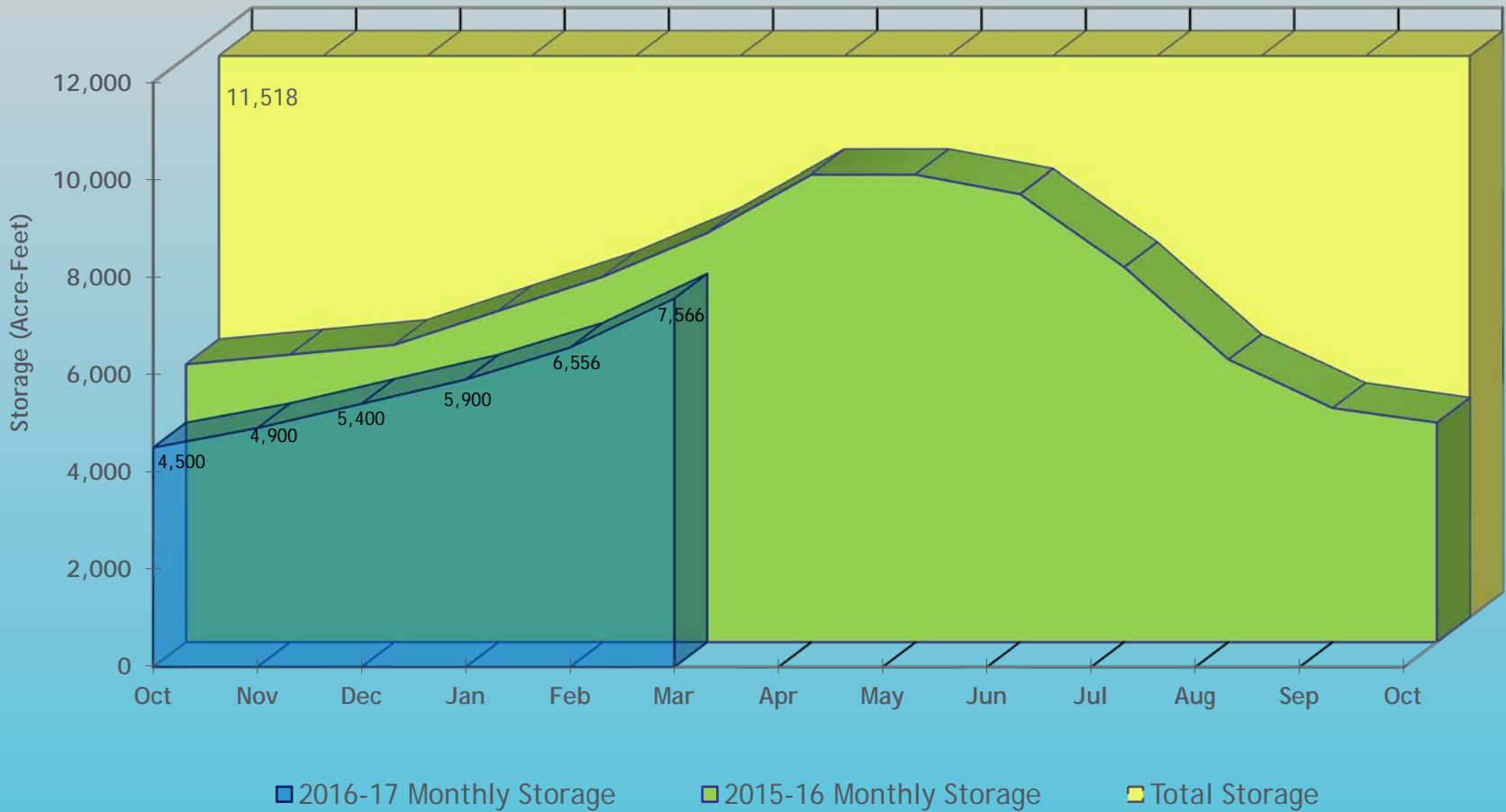
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



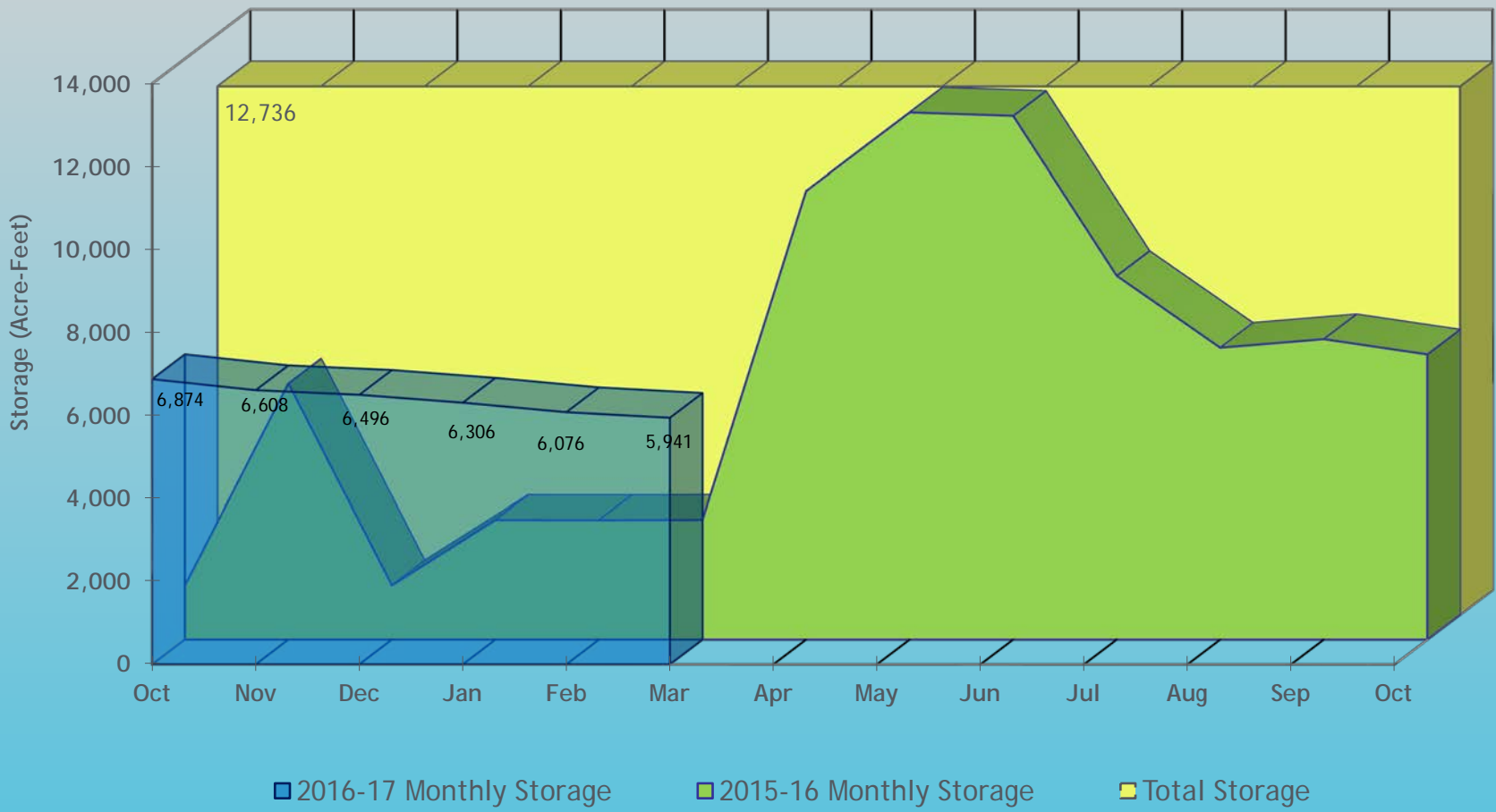
Halligan Reservoir (District 3, Poudre River - Agricultural)



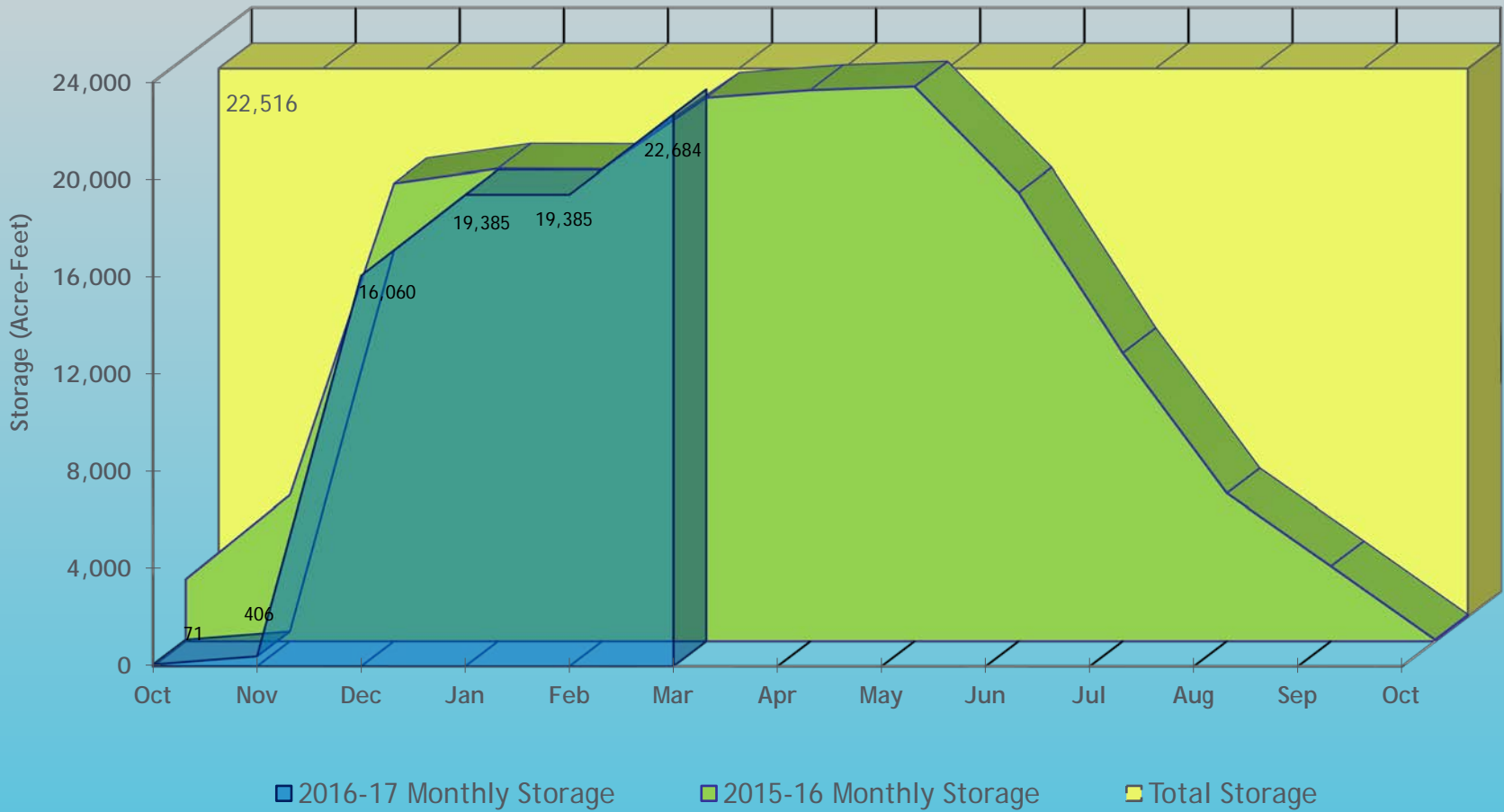
Marshall Lake (District 6, Boulder Creek - Agricultural)



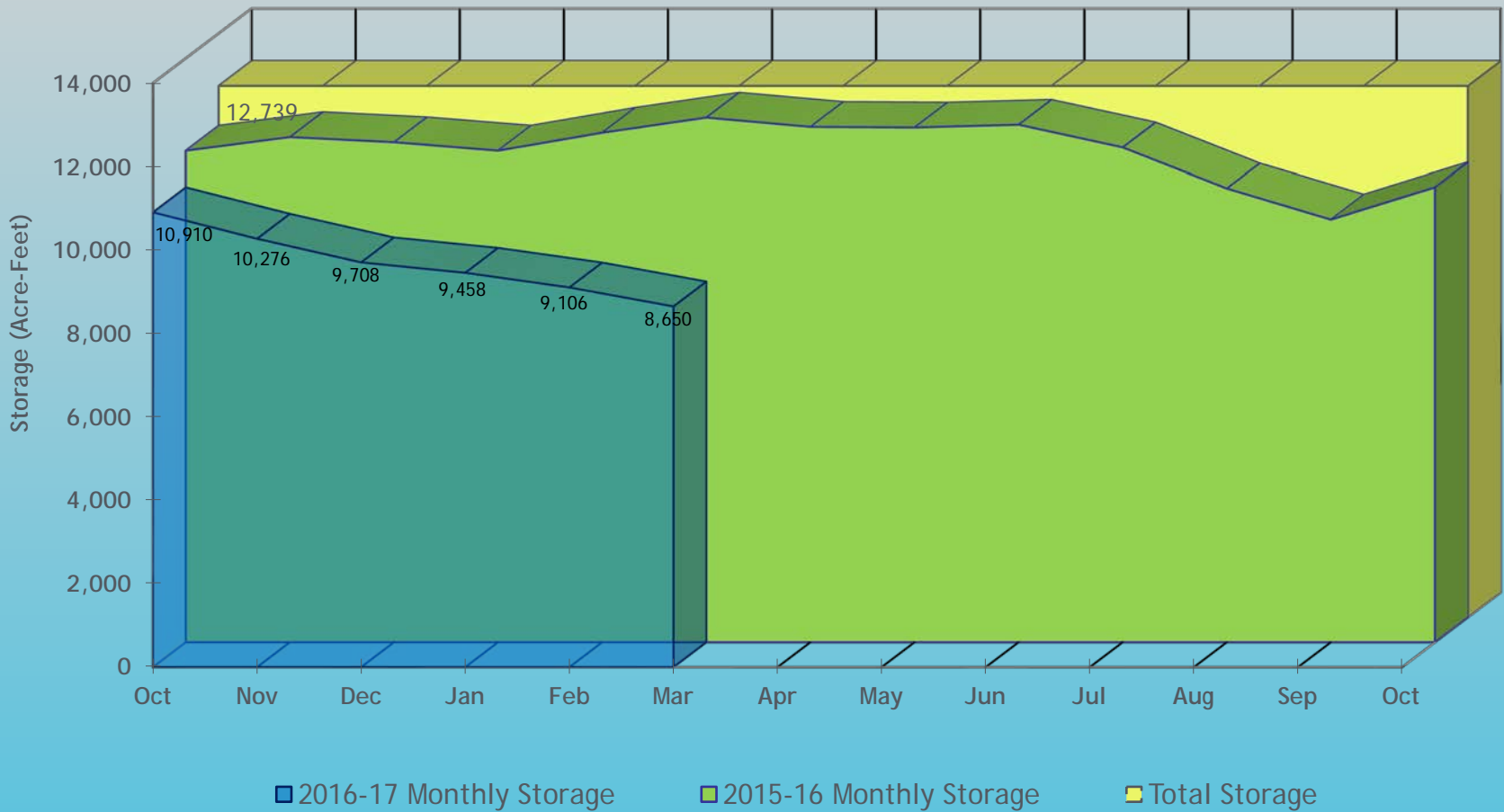
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



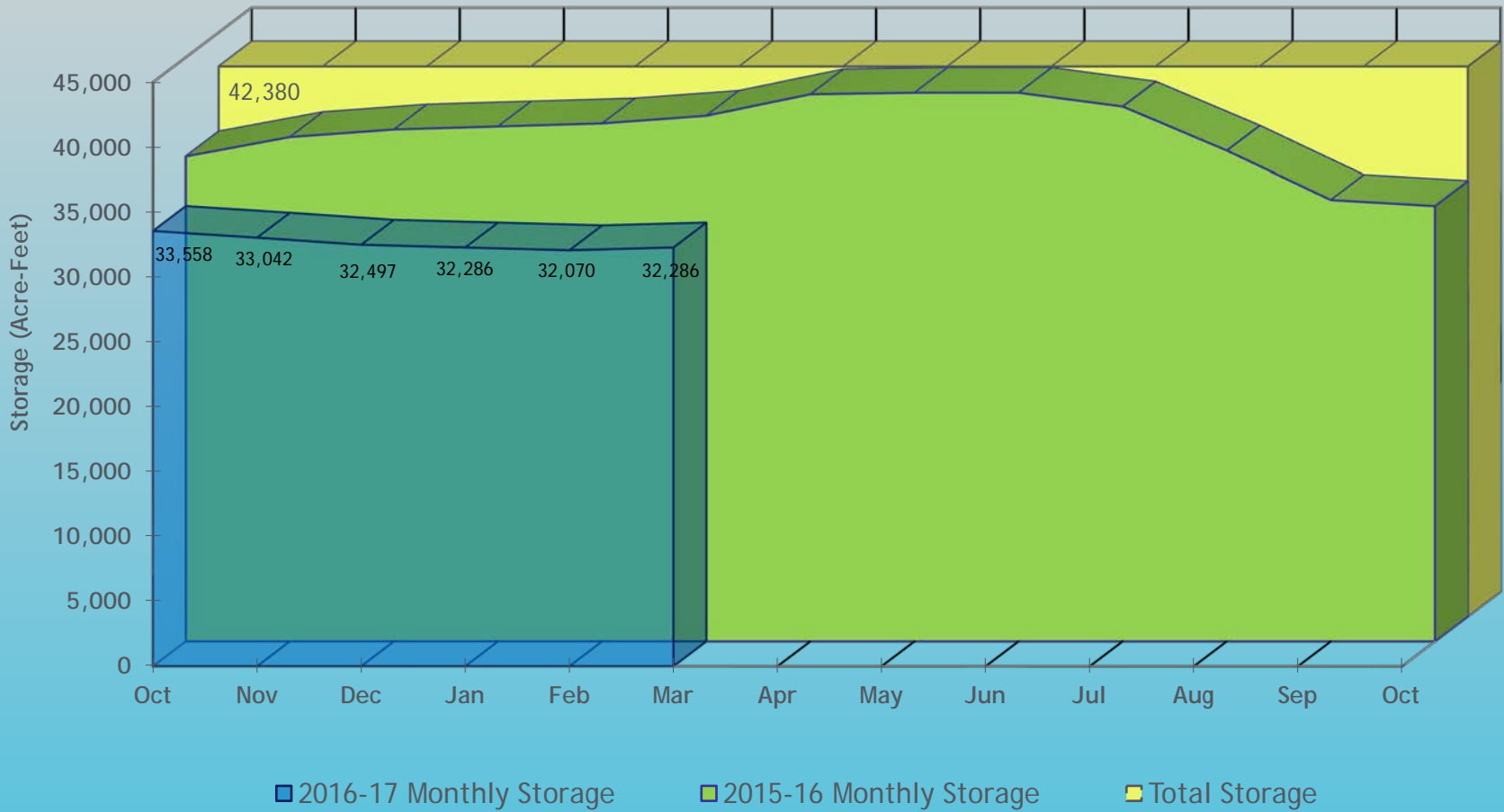
Milton Reservoir (District 2 - Agricultural)



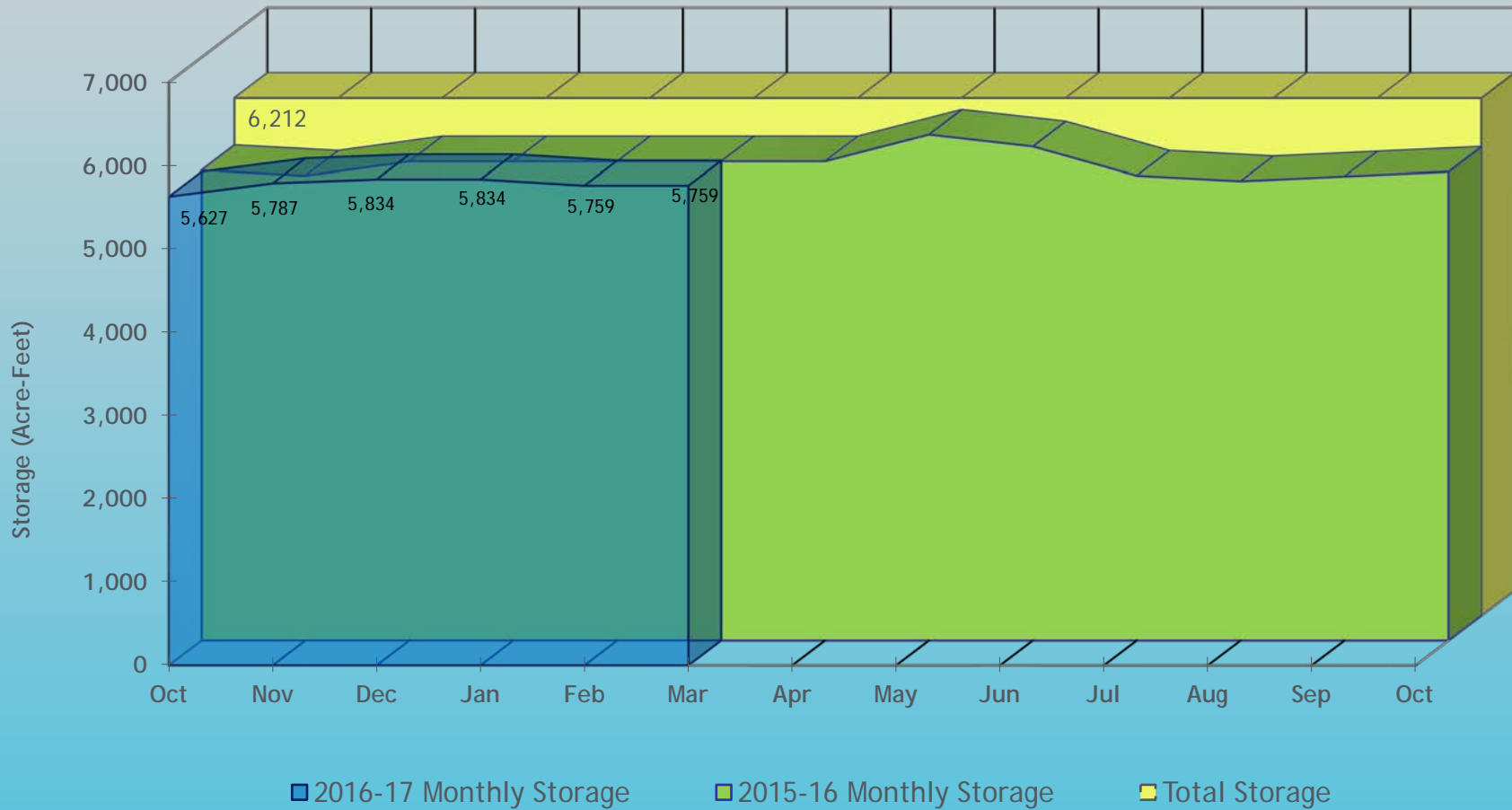
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



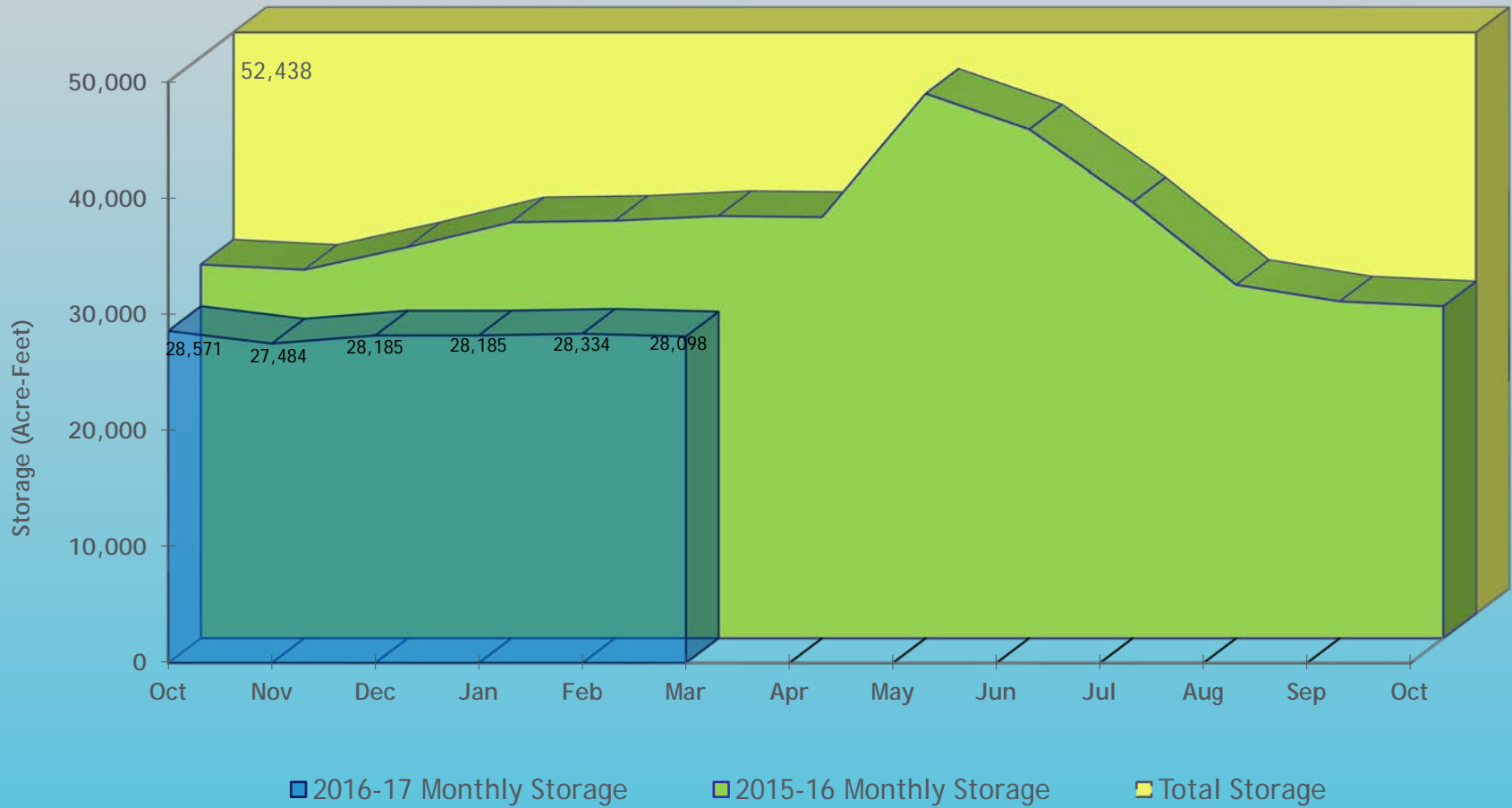
Standley Lake (Agricultural)



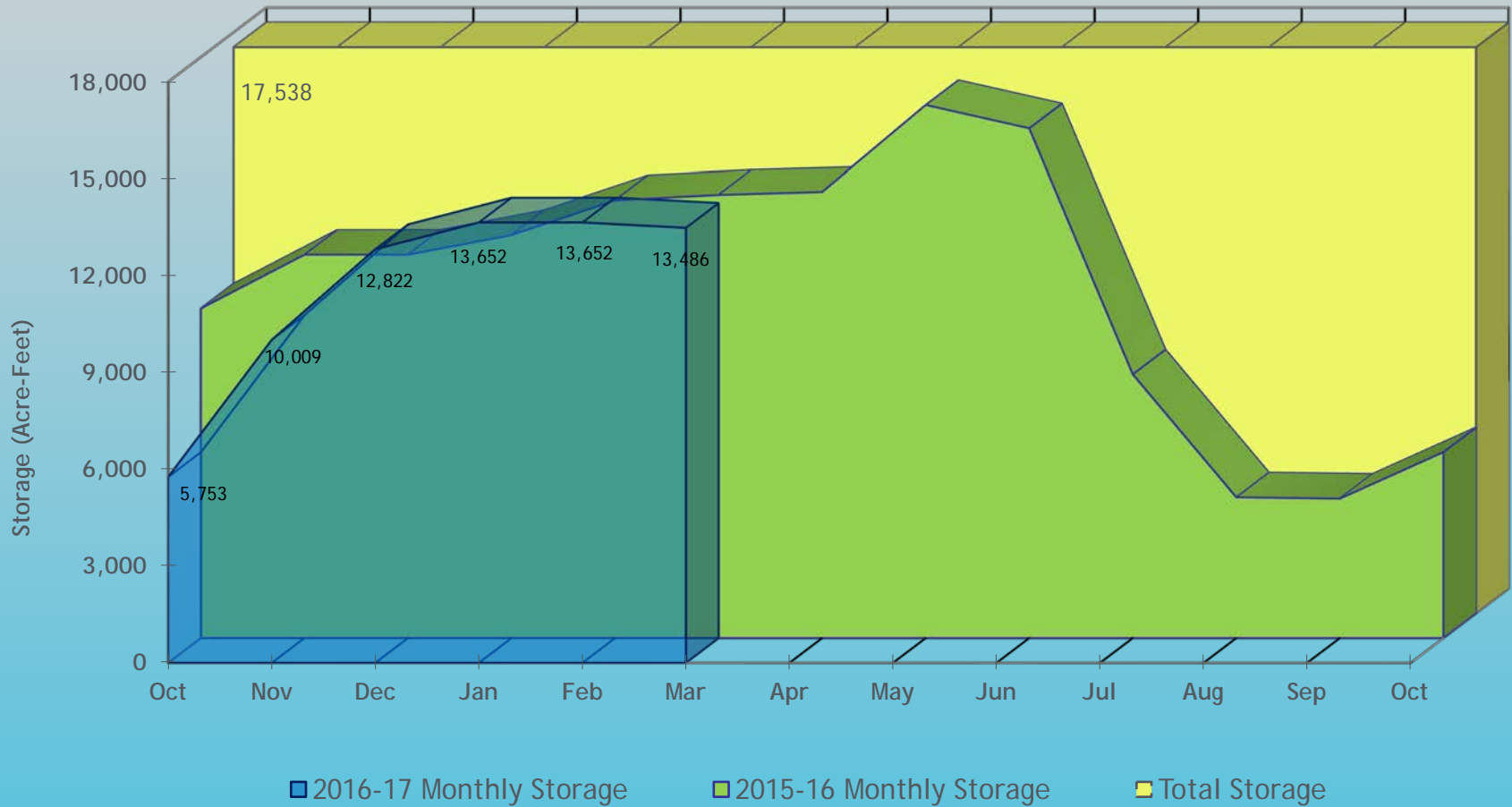
Lower Latham Reservoir (District 2 - Agricultural)



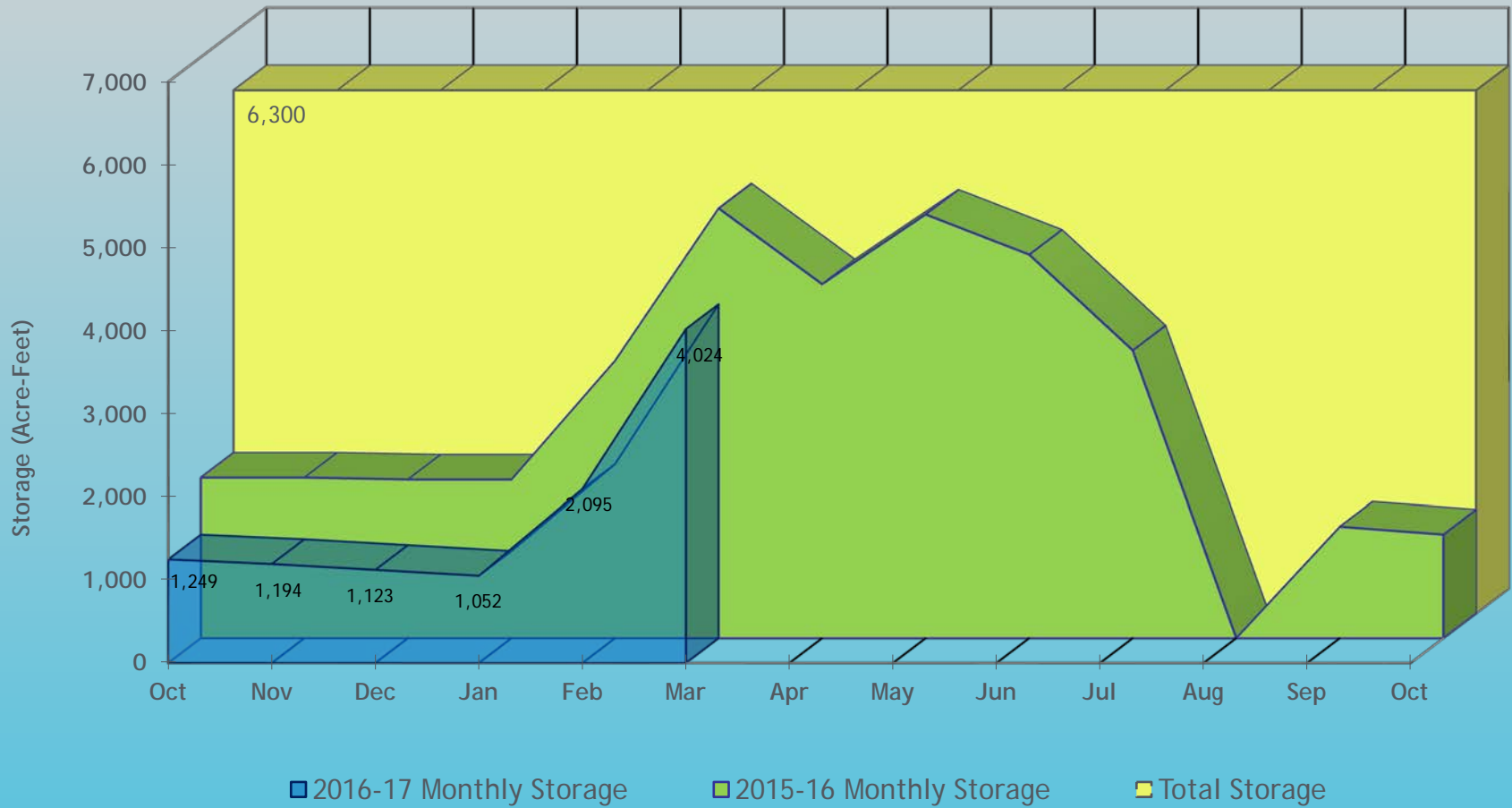
Boyd Lake (District 4, Big Thompson River - Agricultural)



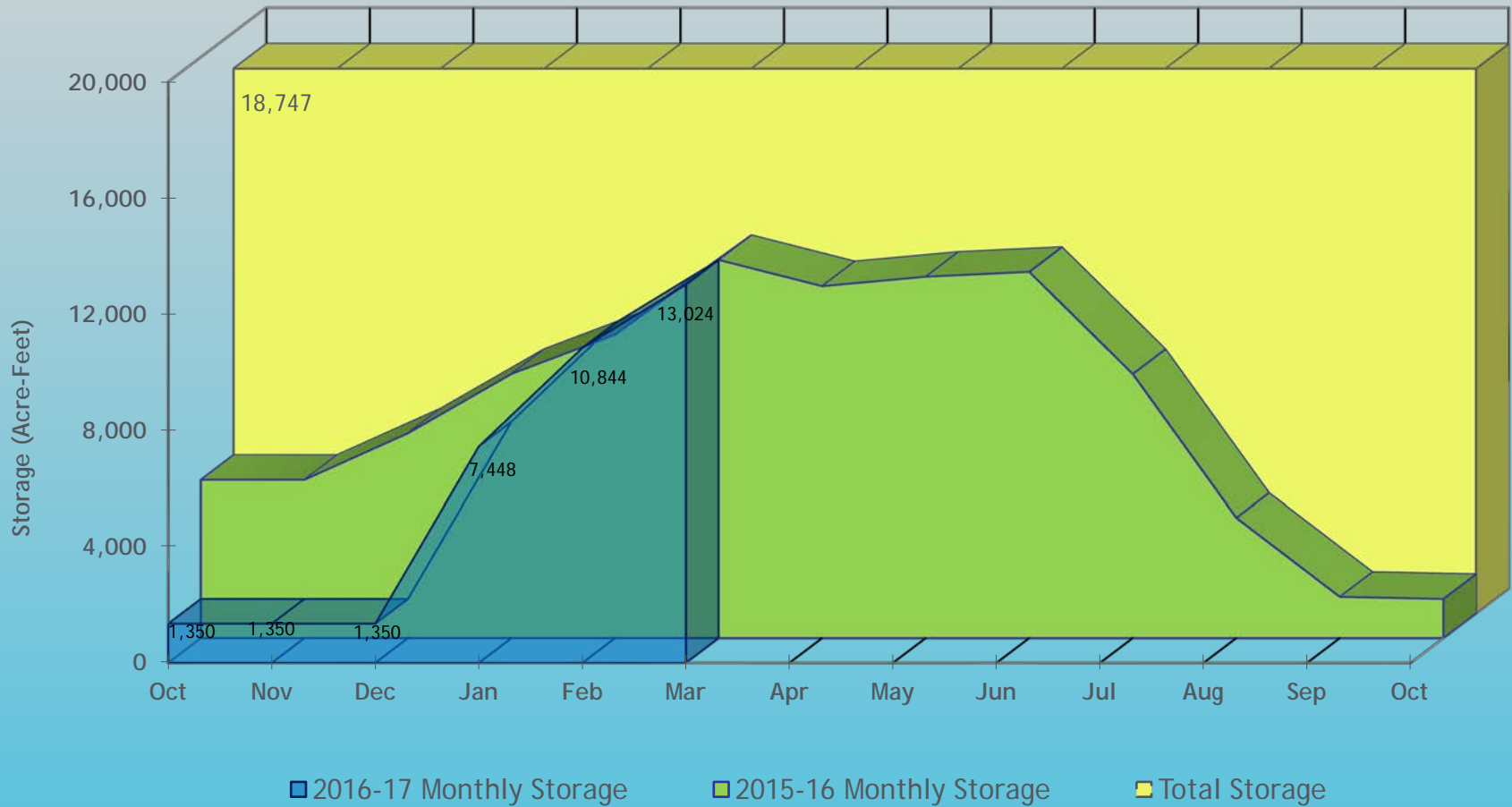
Windsor Reservoir (District 3, Poudre River - Agricultural)



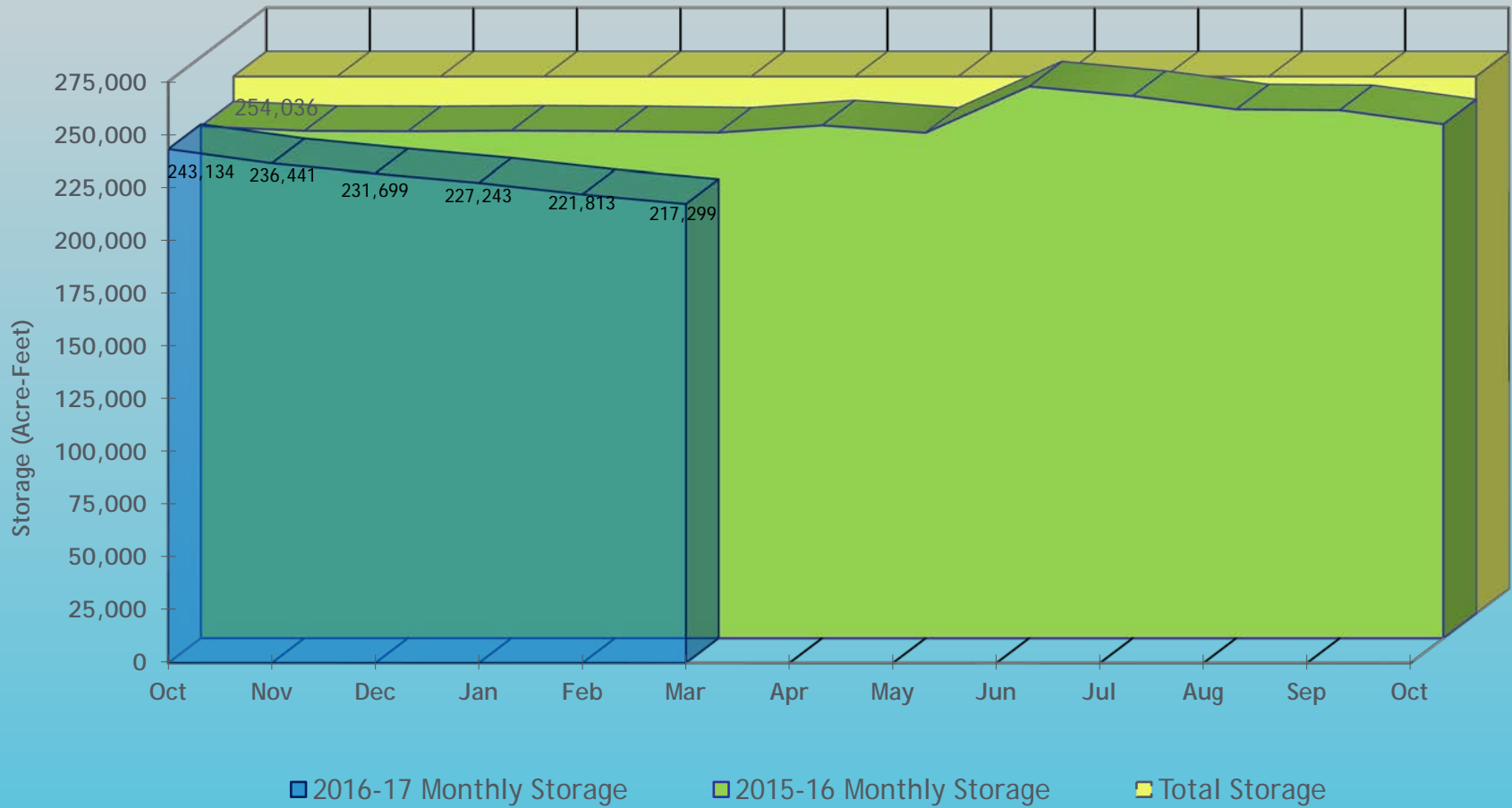
Prospect Reservoir (District 1 - Agricultural)



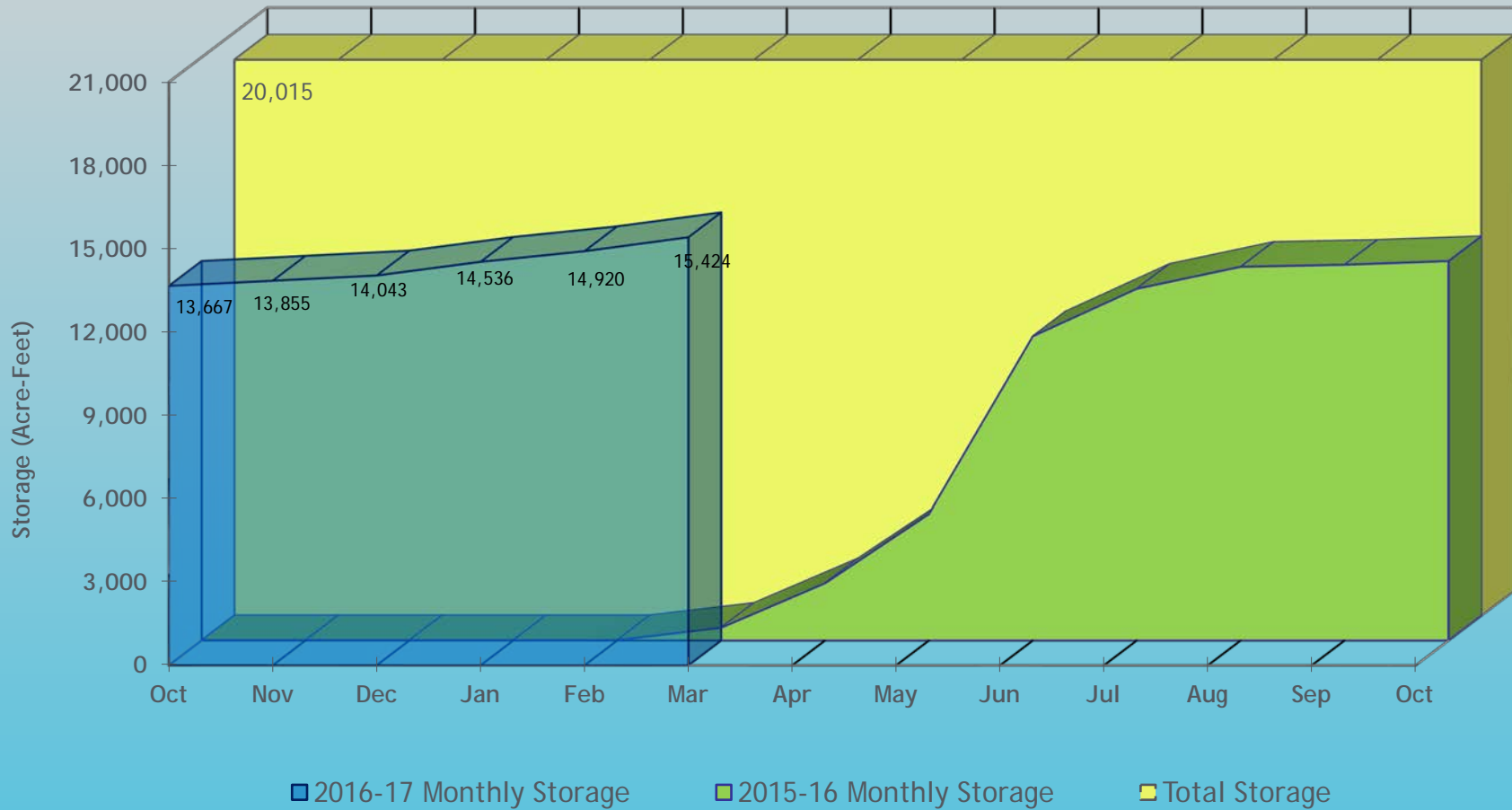
Horse Creek Reservoir (District 1 - Agricultural)



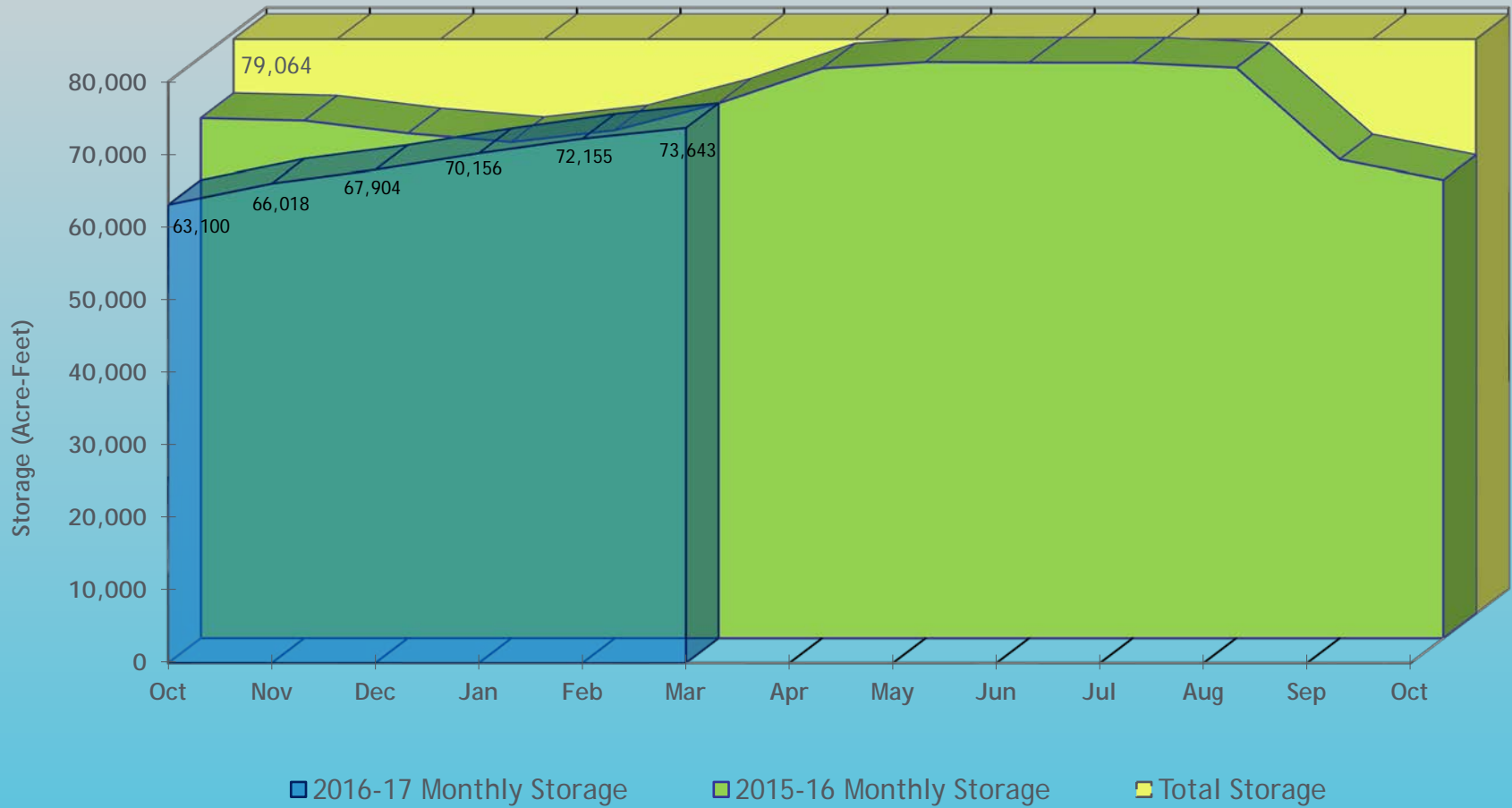
Dillon Reservoir (District 1 - Municipal)



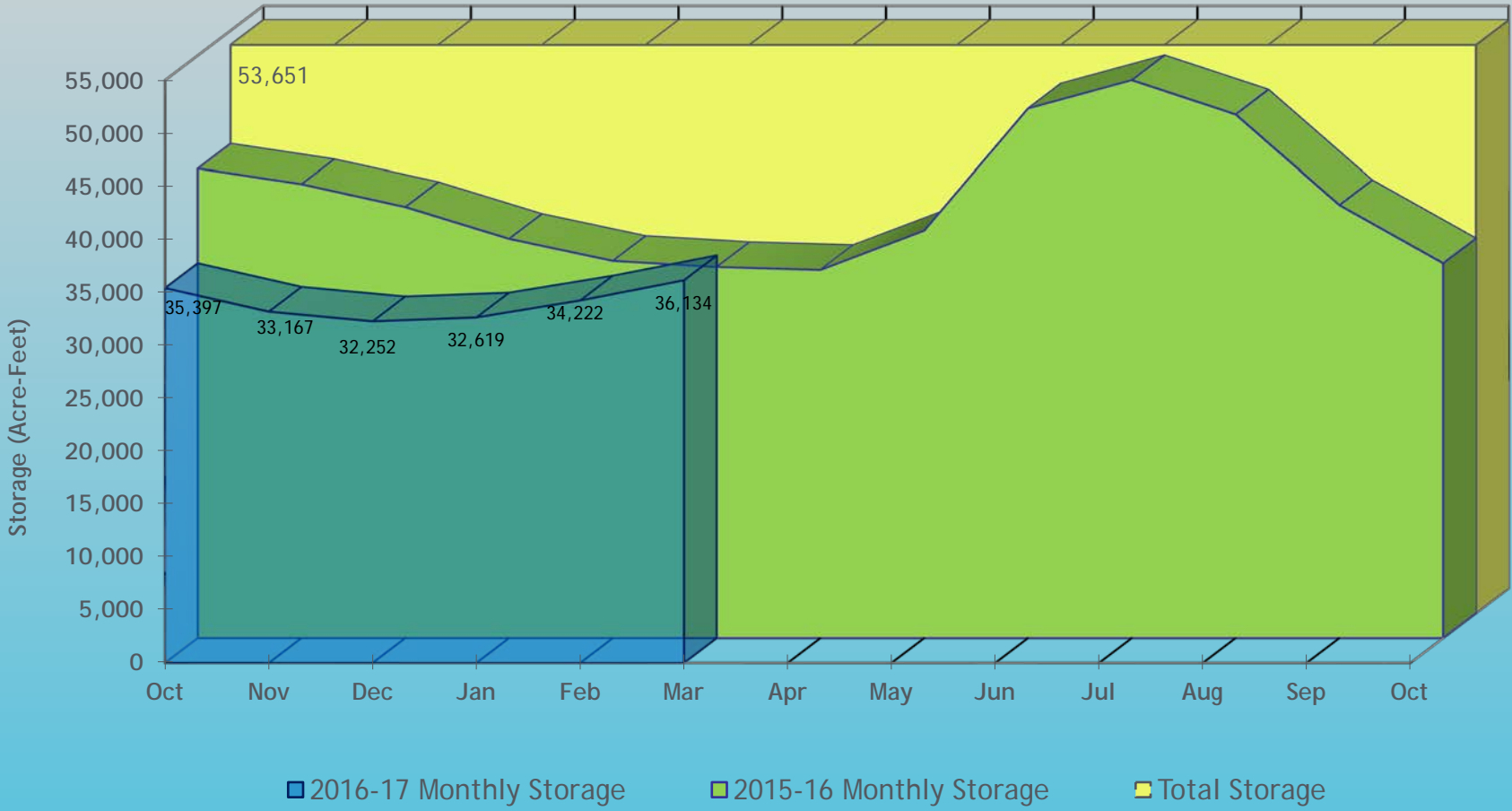
Antero Reservoir (District 23 - Municipal)



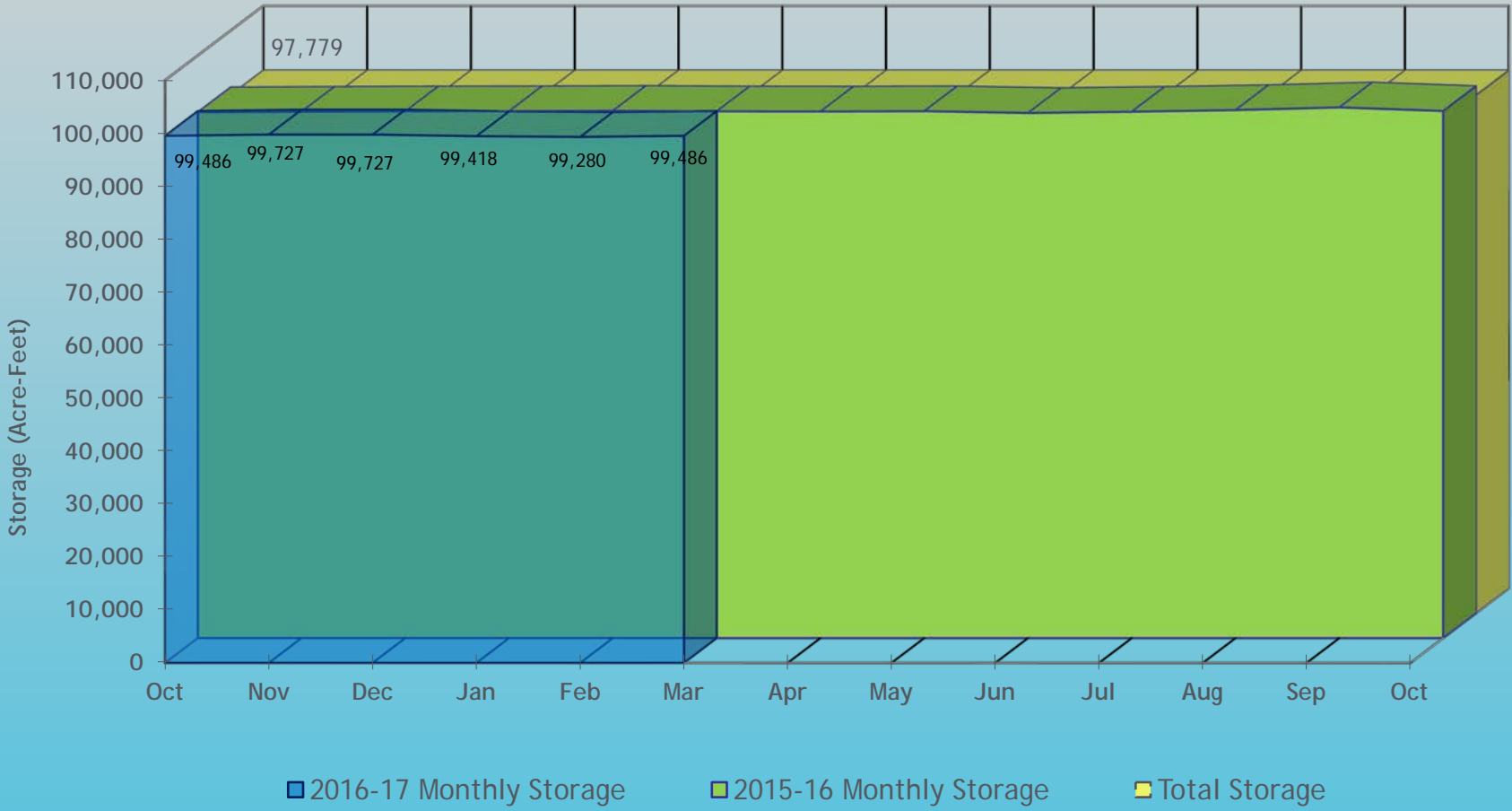
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

