



COLORADO
Department of Natural Resources

South Platte Summary September 2017

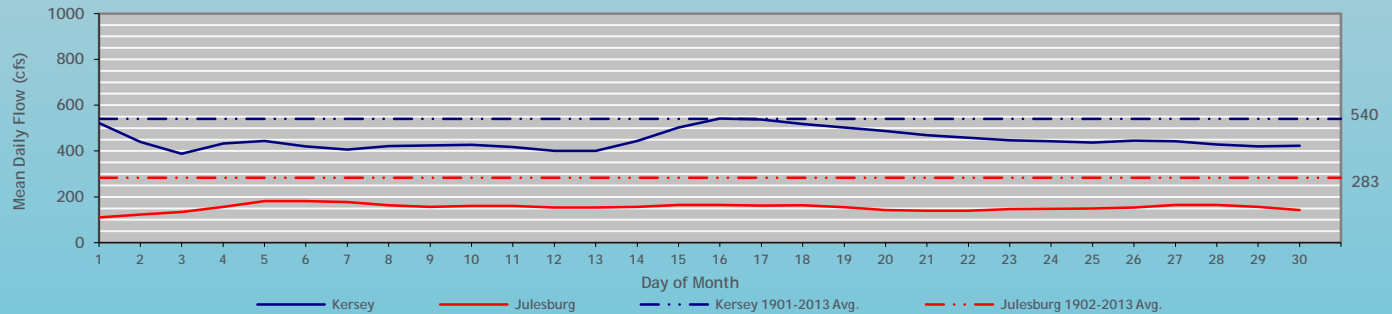
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

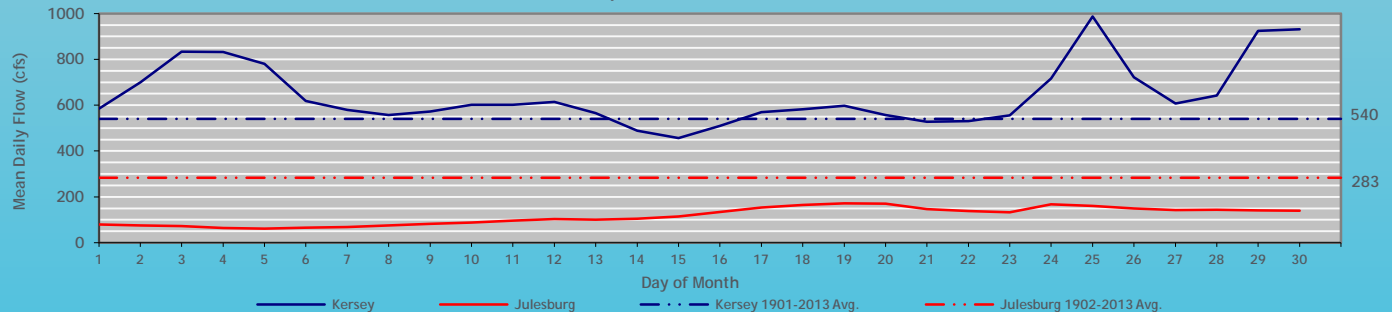
MONTH OF September 2017

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	10,182	11,027	64	845	8%	49%	39%	0
N STERLING	73,730	18,317	1,242	64	-17,075	-93%	2%	15%	0
BREWITT	28,500	12,333	9,444	64	-2,889	-23%	33%	50%	0
JACKSON	27,257	17,868	15,657	1	-2,211	-12%	57%	70%	0
EMPIRE	37,700	16,531	13,565	1	-2,966	-18%	36%	13%	0
RIVERSIDE	63,113	18,843	12,419	1	-6,424	-34%	20%	38%	0
BARR LAKE	32,152	21,230	15,891	2	-5,339	-25%	49%	32%	0
CHEESMAN	79,064	78,376	76,495	80	-1,881	-2%	97%	83%	0
ELEVEN MILE	97,779	100,209	99,761	23	-448	0%	100%	100%	1,982
SPINNEY	53,651	53,701	42,361	23	-11,340	-21%	79%	76%	0
ANTERO	20,015	20,188	20,144	23	-44	0%	100%	68%	129

KERSEY and JULESBURG
September 2016

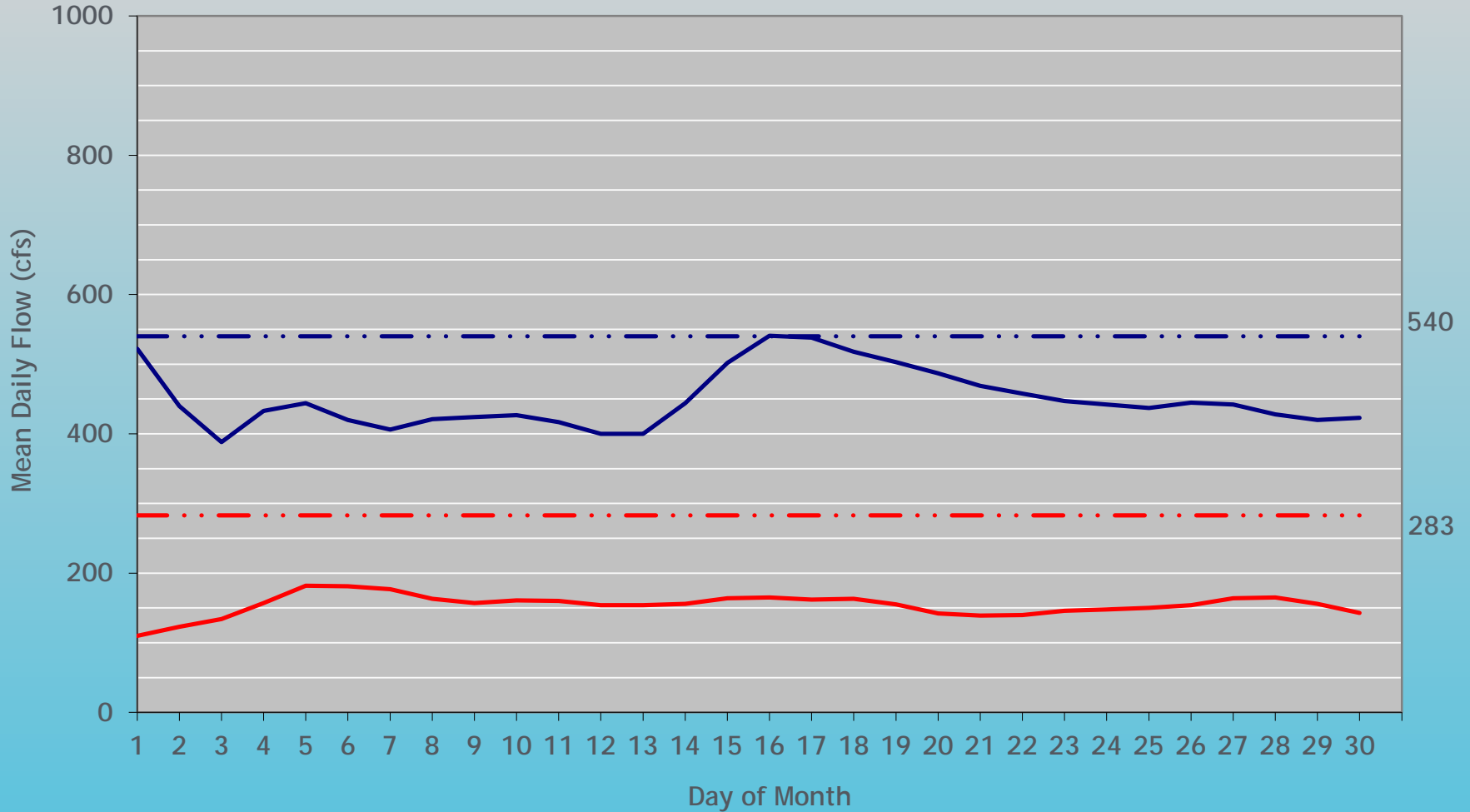


KERSEY and JULESBURG
September 2017



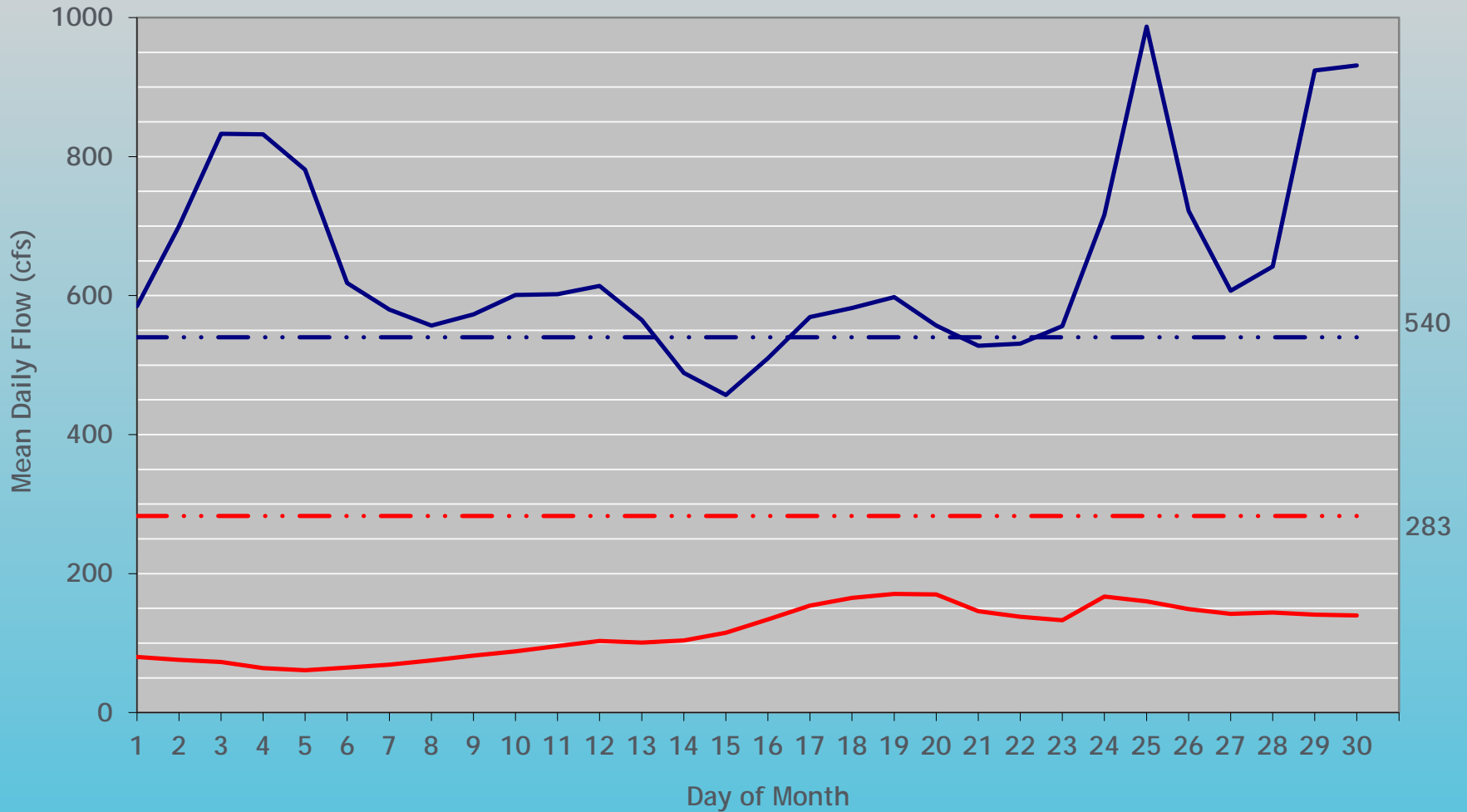
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	645
JULESBURG	117
THIS MONTH LAST YEAR	
KERSEY	450
JULESBURG	154
MEAN FOR PERIOD OF RECORD*	
KERSEY	540
JULESBURG	283
*Kersey 1901 - 2016	
*Julesburg 1902 - 2016	

KERSEY and JULESBURG September 2016



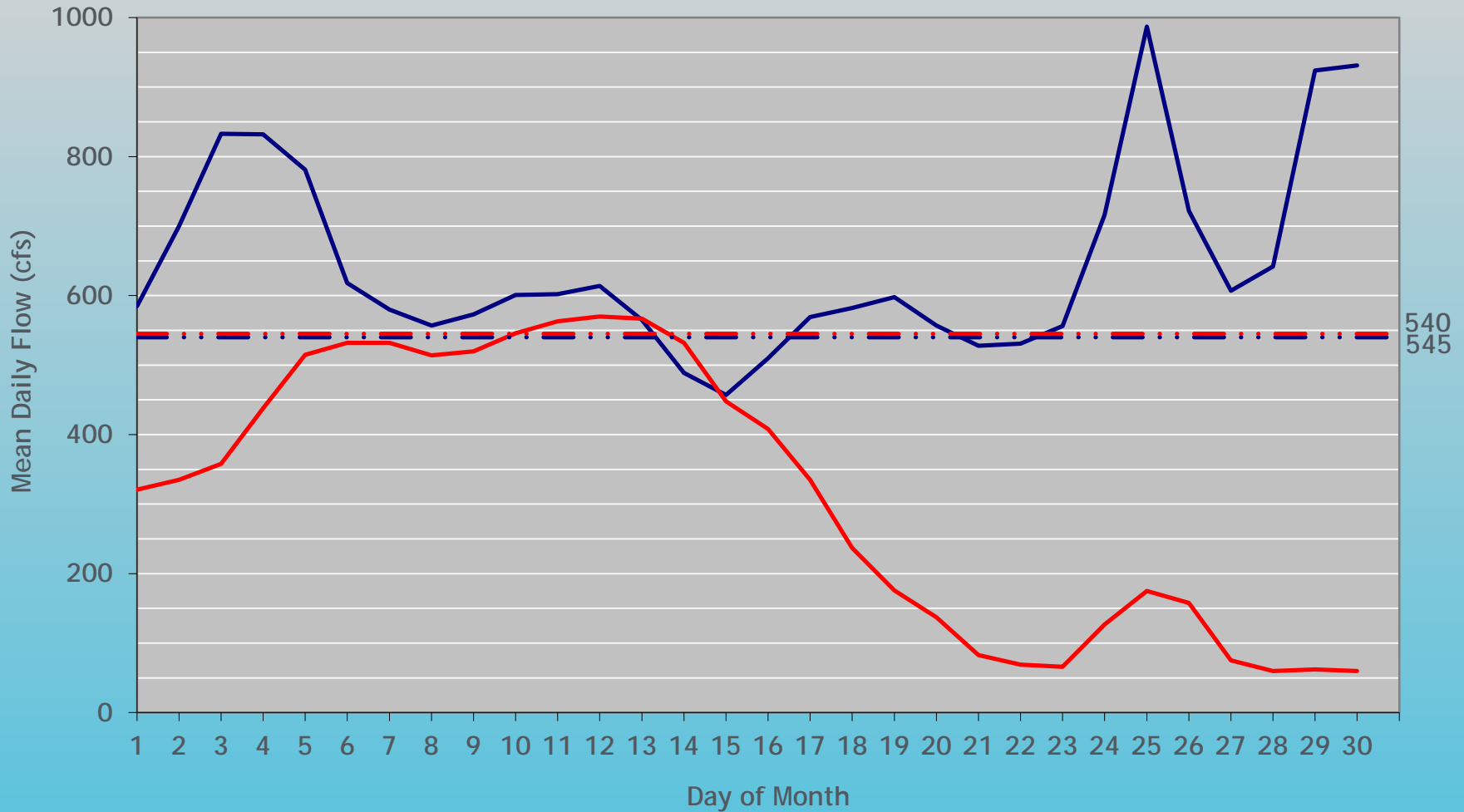
— Kersey — Julesburg — · Kersey 1901-2013 Avg. — · Julesburg 1902-2013 Avg.

KERSEY and JULESBURG September 2017



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

KERSEY and BALZAC September 2017



— Kersey

— Balzac

- · - Kersey 1901-2013 Avg.

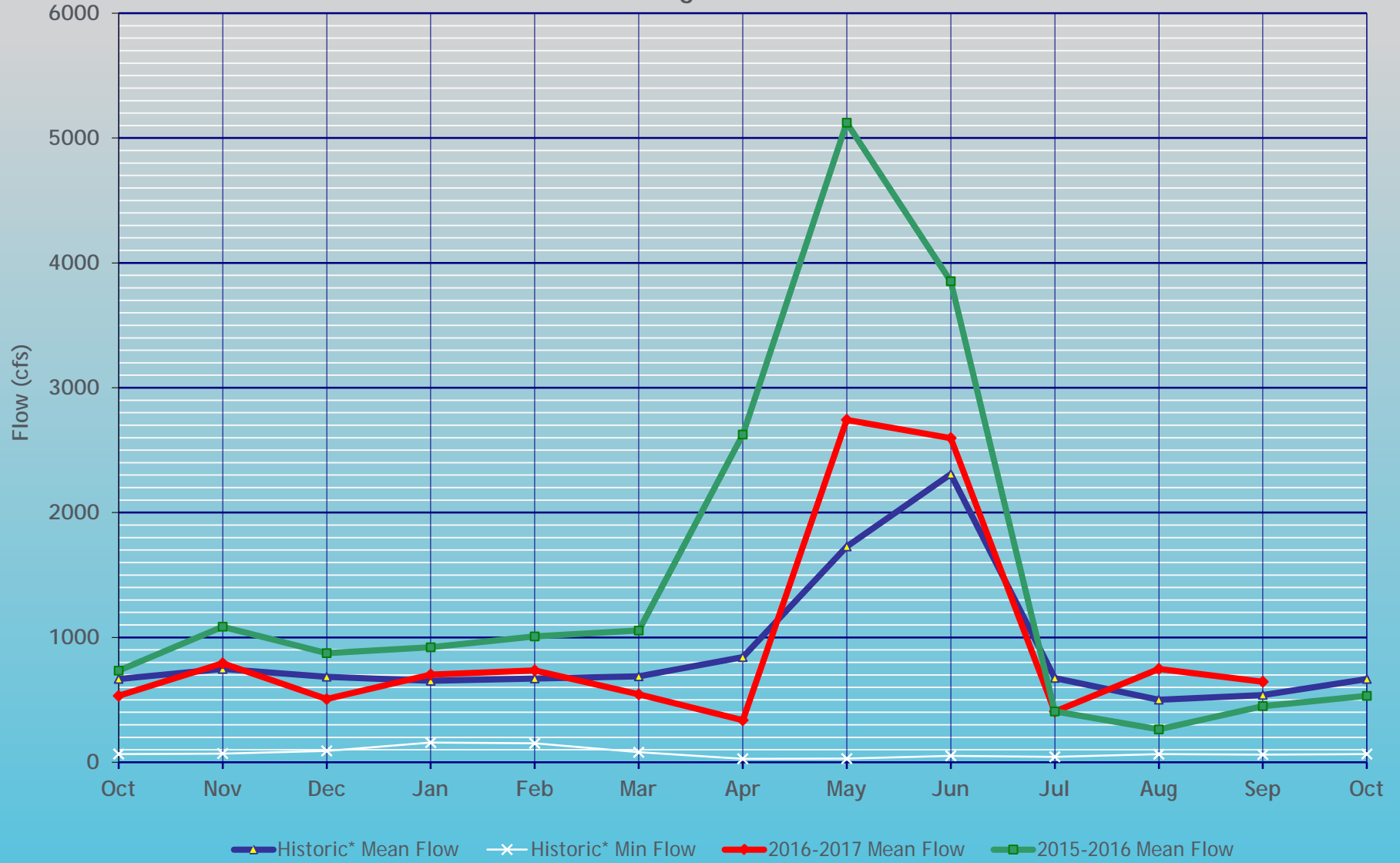
- · - Balzac 1917-2013 Avg.

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 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	337	Apr	514	14400	1942	4.0	1904	163
May	1728	26100	1973	29	1955	2743	May	994	18100	1973	12	1911	1276
Jun	2308	31000	1921	52	1954	2597	Jun	1426	30800	1921	2.0	1910	1218
Jul	675	12600	1983	44	1955	406	Jul	311	12600	1983	0.0	1903	71
Aug	501	9690	1951	65	1934	748	Aug	178	8920	1968	0.0	1903	100
Sep	539	14200	1938	62	1940	645	Sep	284	7130	1938	2.0	1902	117
Oct	667	6180	1984	66	1954		Oct	299	3130	1984	4.2	1903	

South Platte River at Kersey

Irrigation Year

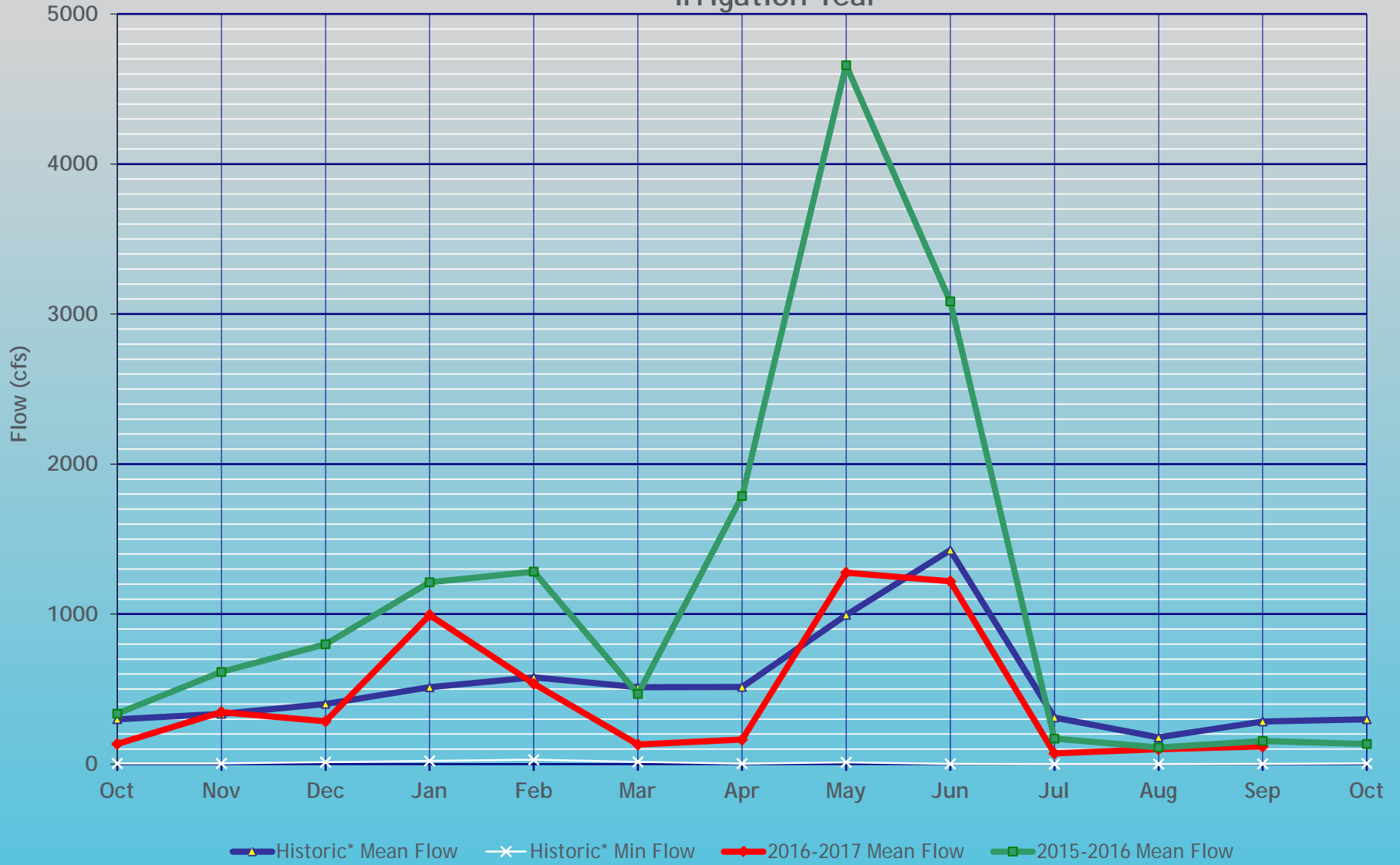


Historic* Mean Flow Historic* Min Flow 2016-2017 Mean Flow 2015-2016 Mean Flow

*1901-2016

South Platte River at Julesburg

Irrigation Year



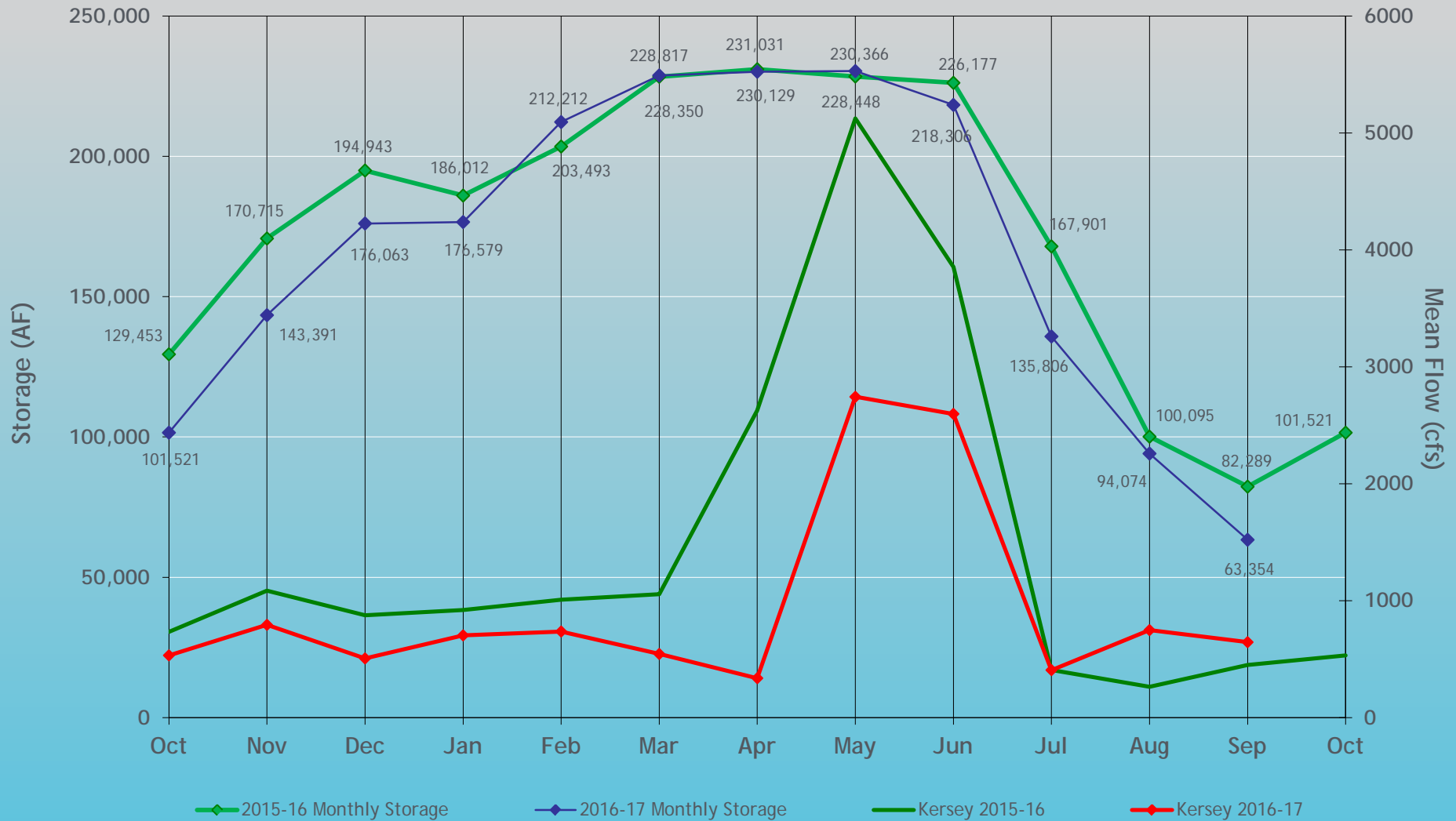
Historic* Mean Flow (1901-2016) Historic* Min Flow 2016-2017 Mean Flow 2015-2016 Mean Flow

*1901-2016



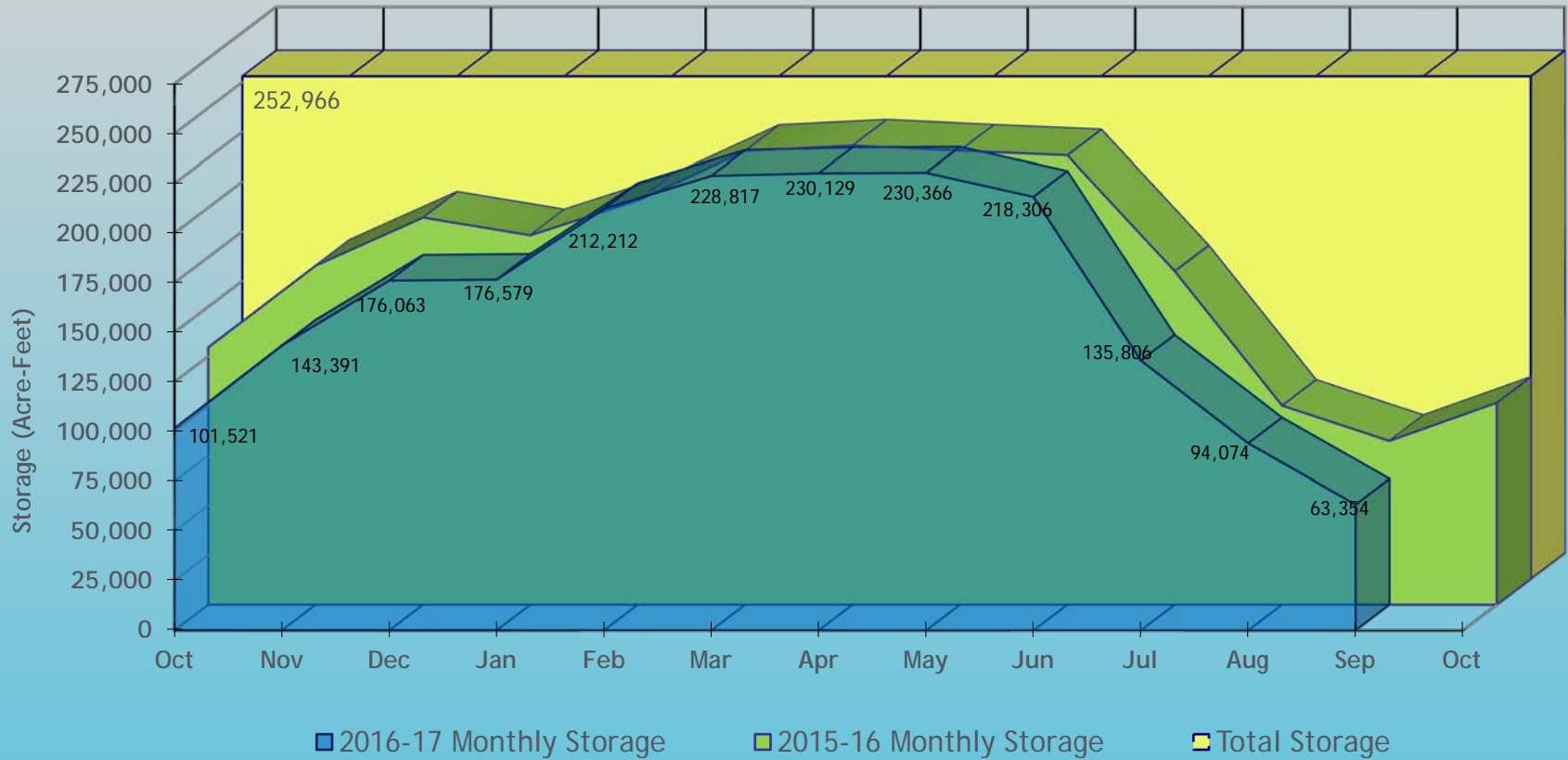
Reservoir Storage below Kersey

Selected Reservoirs*



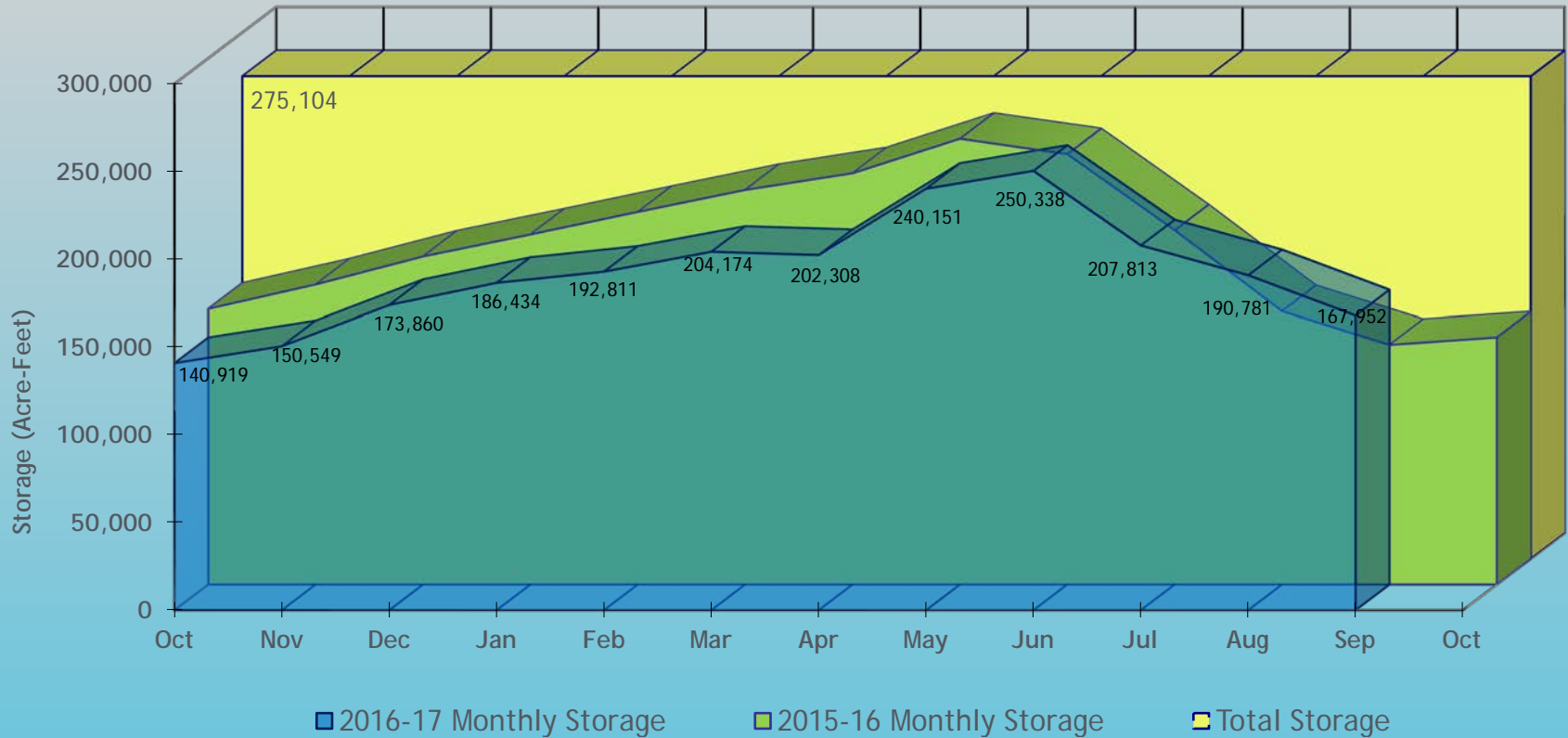
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

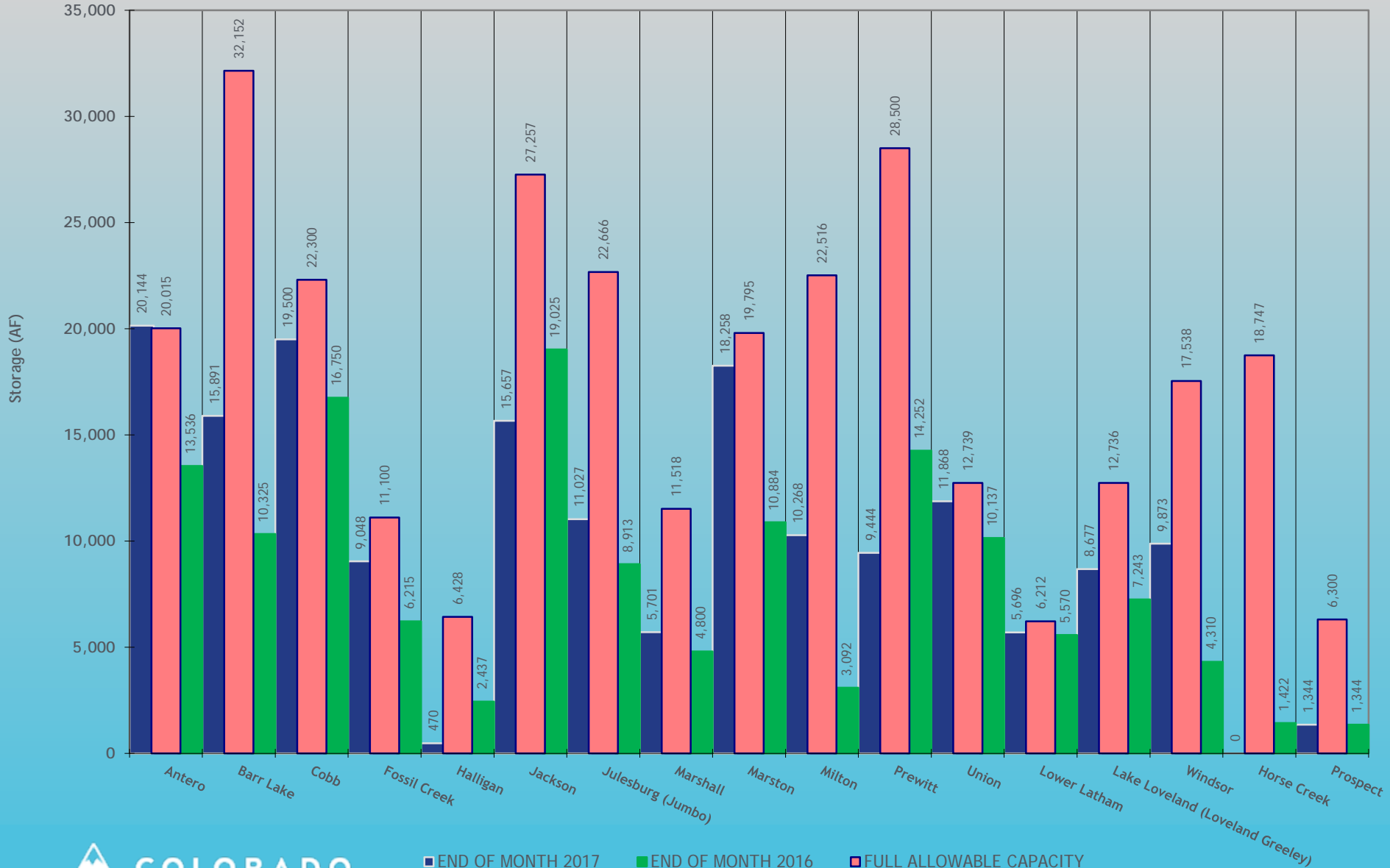
South Platte Reservoir Storage above Kersey*



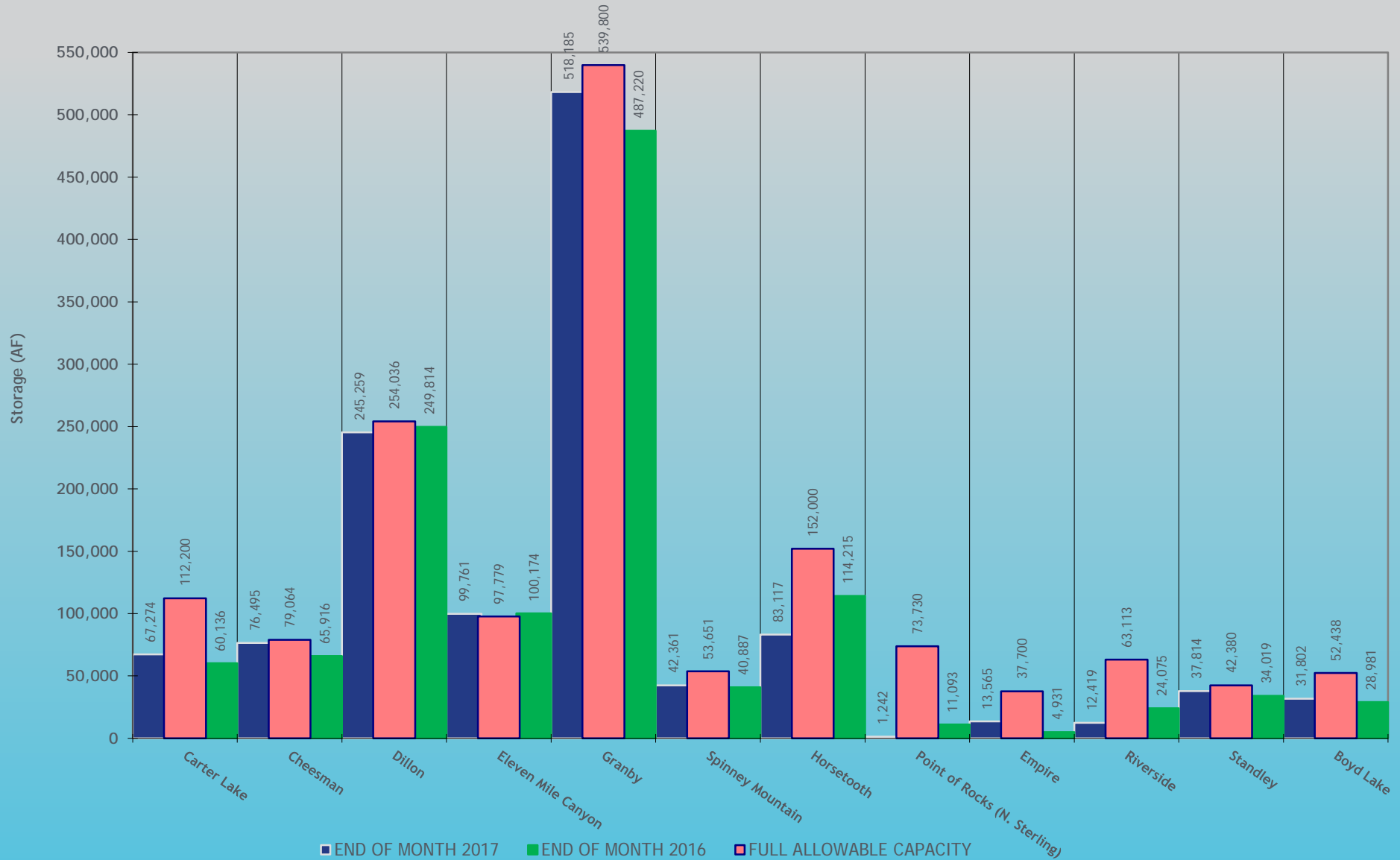
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



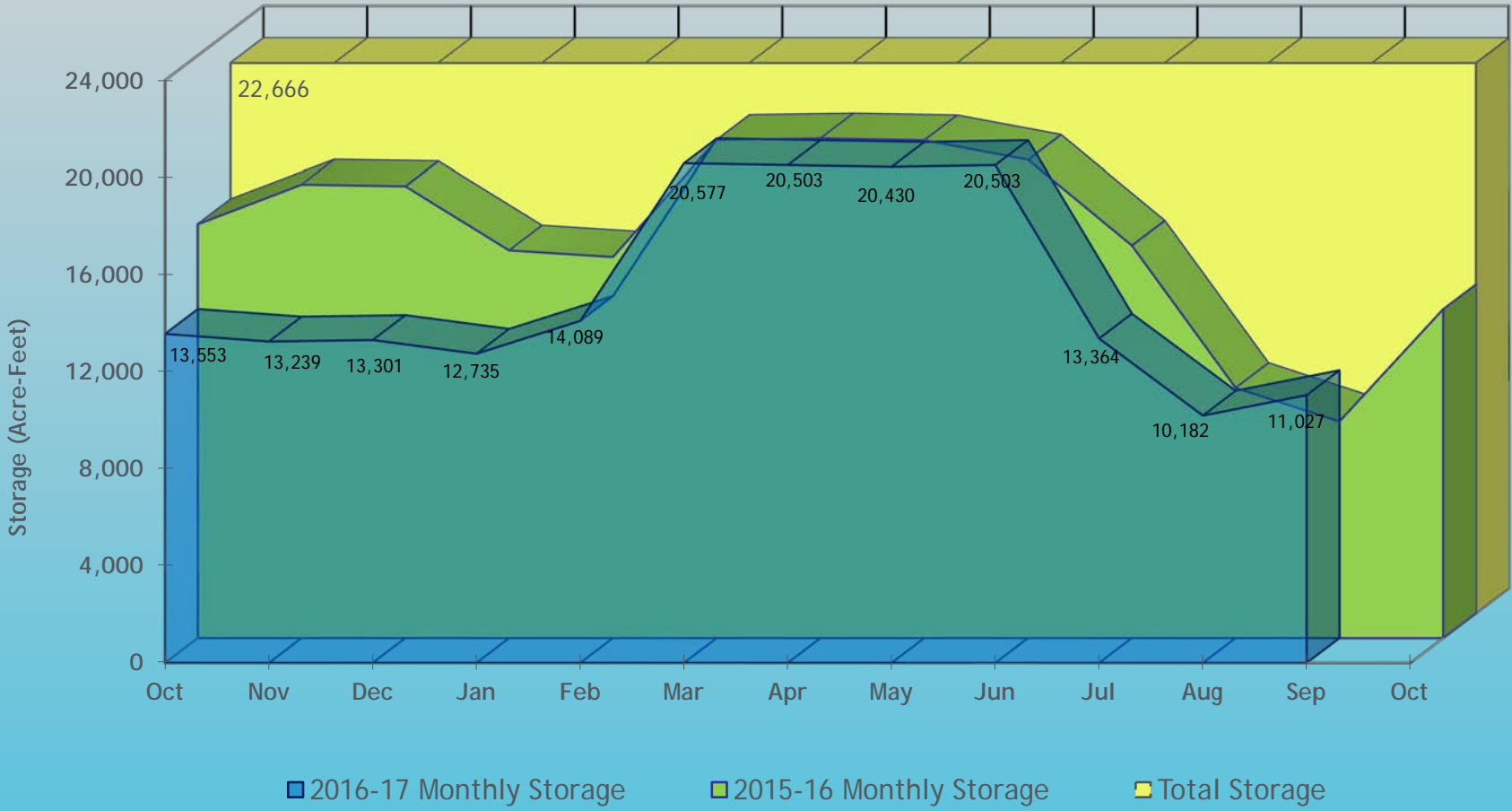
September Reservoir Change in Storage 2016 versus 2017



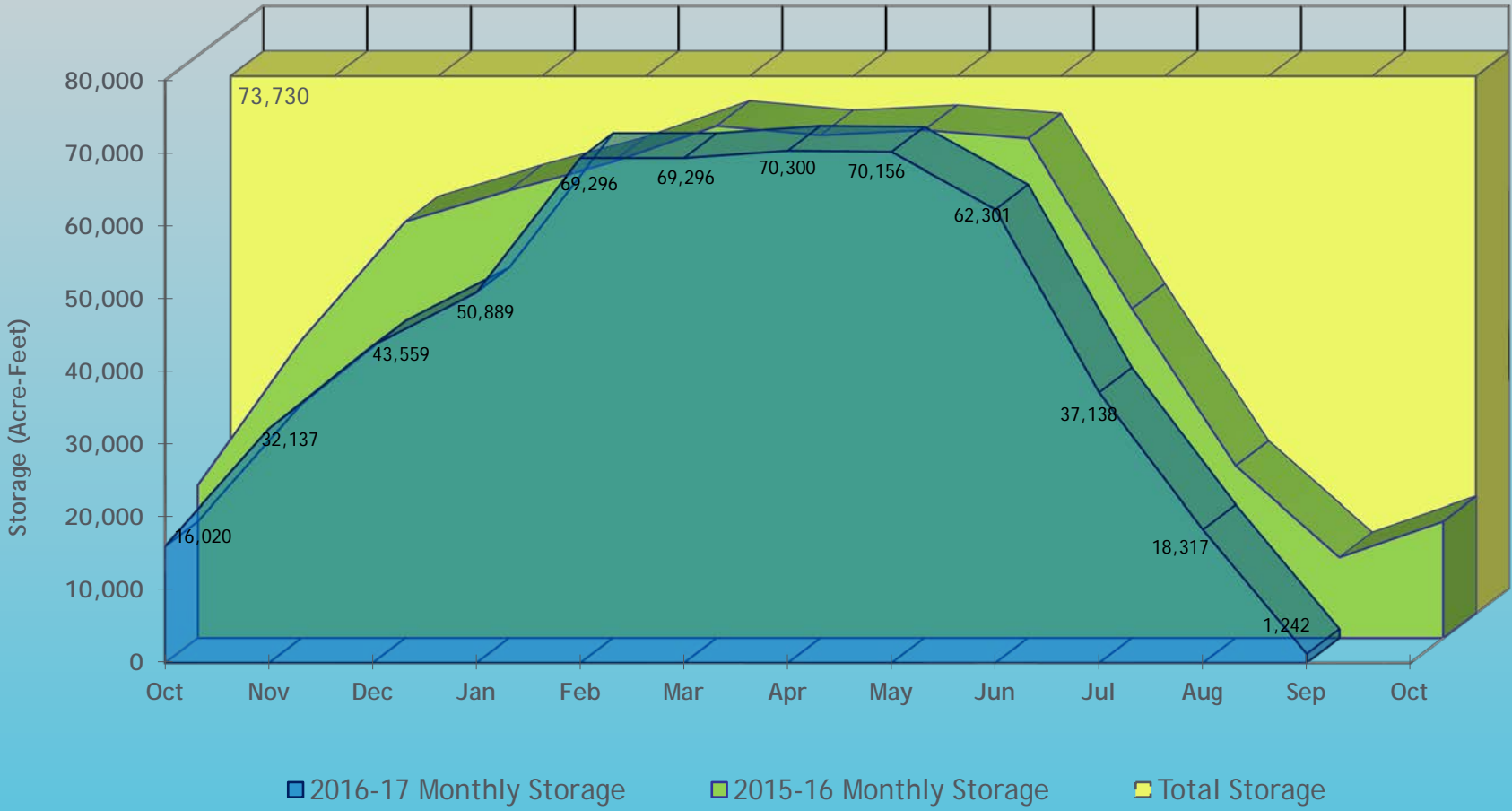
September Reservoir Change in Storage 2016 versus 2017



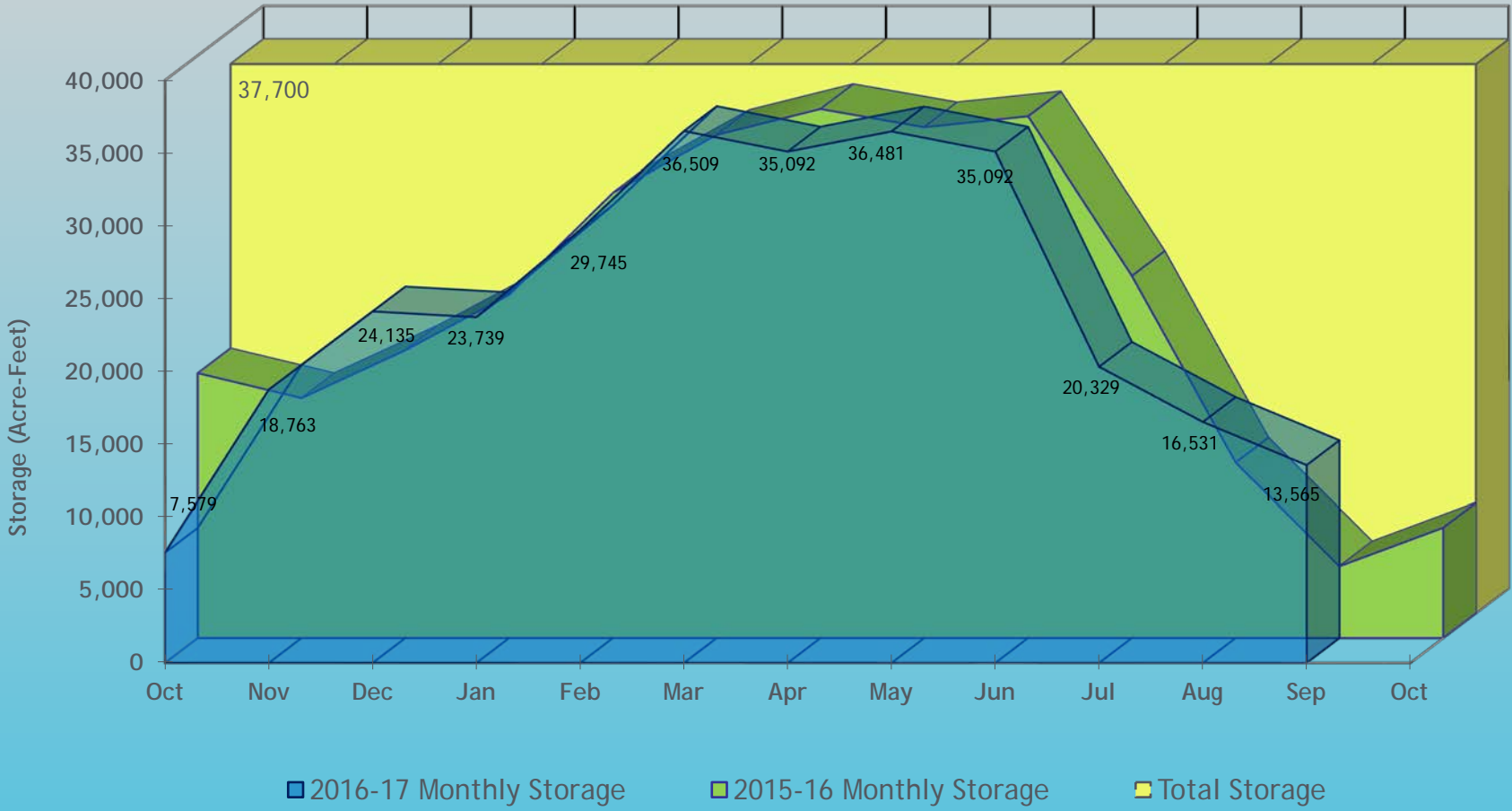
Julesburg Reservoir (District 64 - Agricultural)



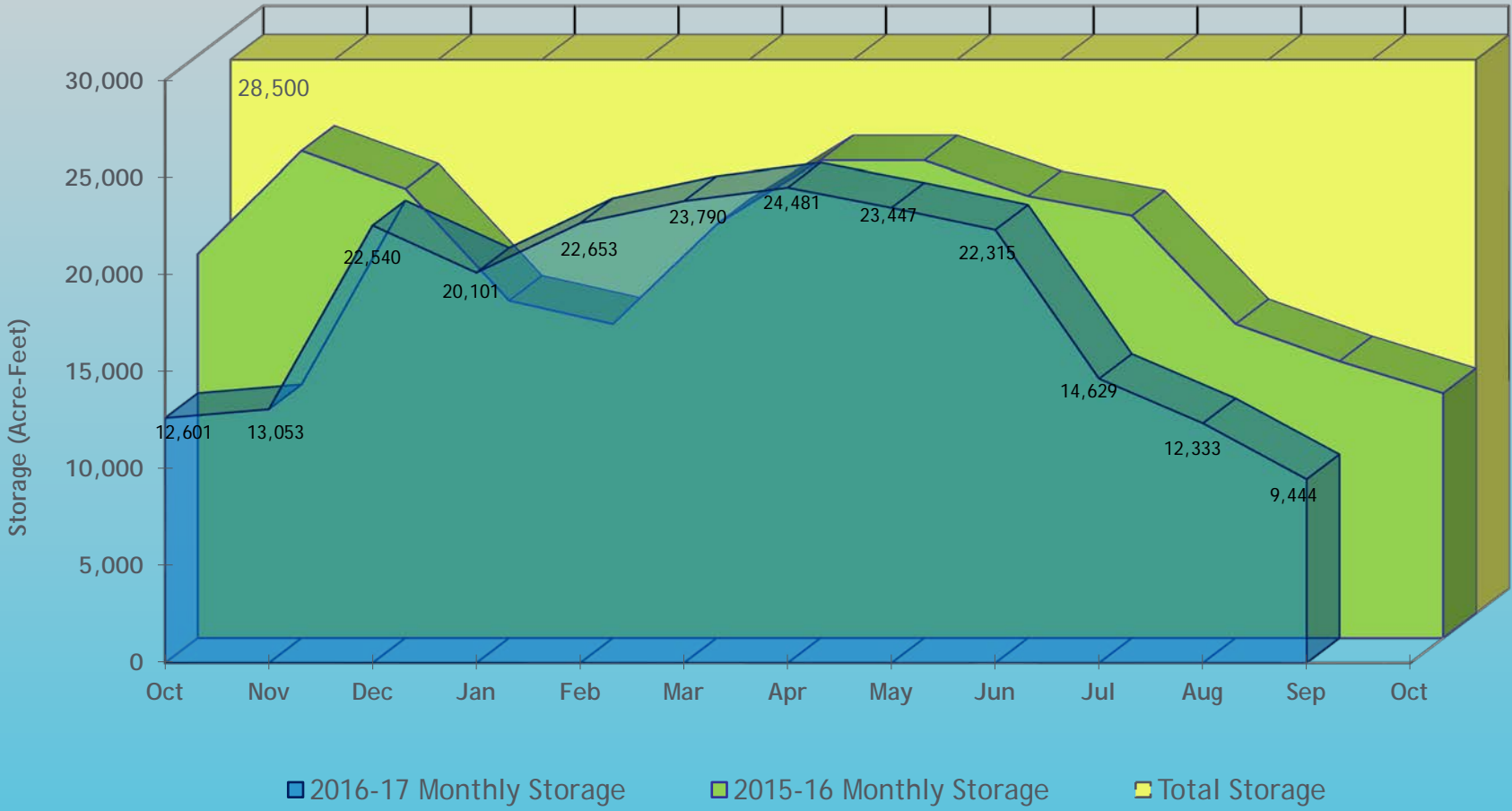
North Sterling Reservoir (District 64 - Agricultural)



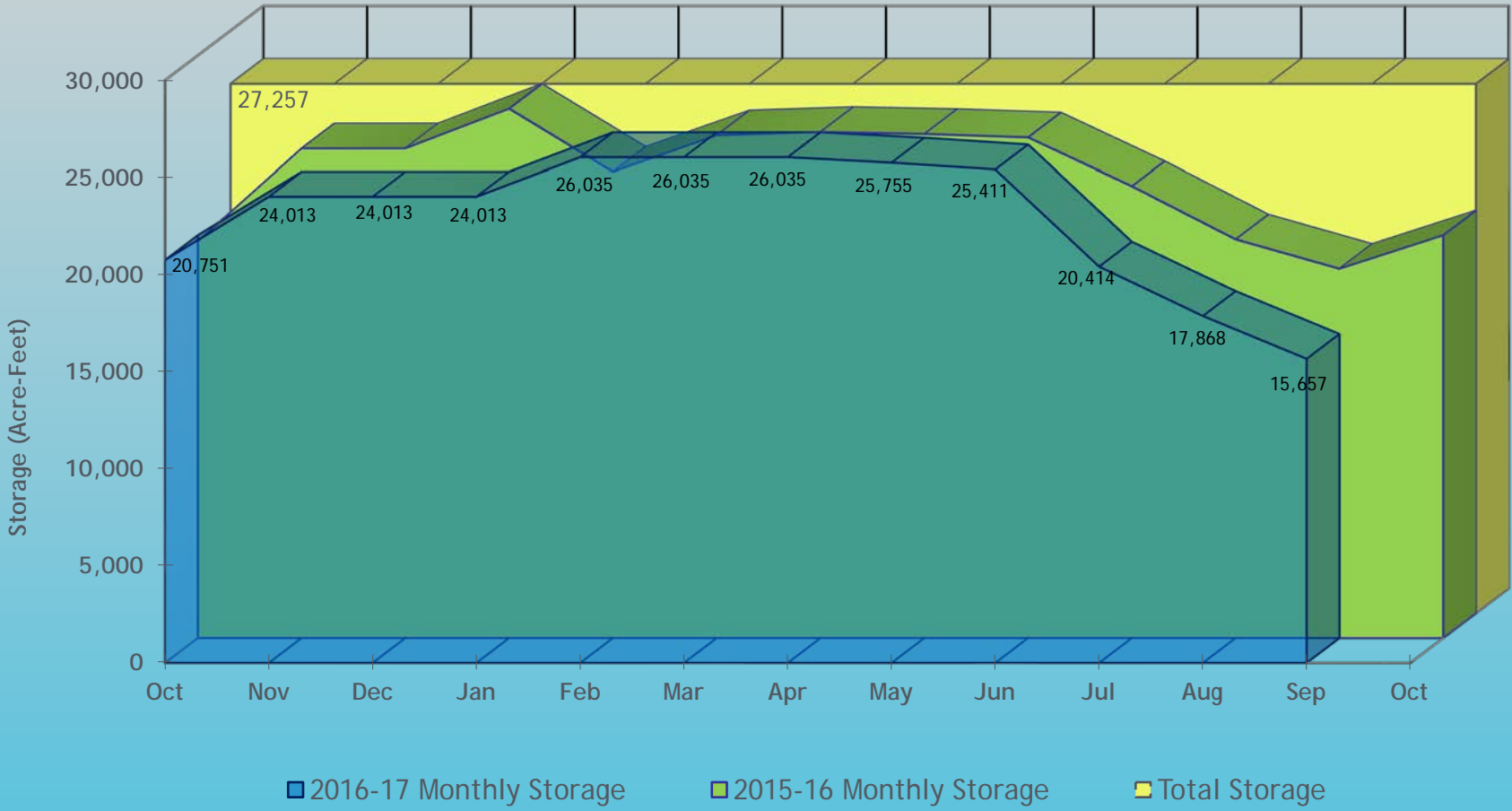
Empire Reservoir (District 1 - Agricultural)



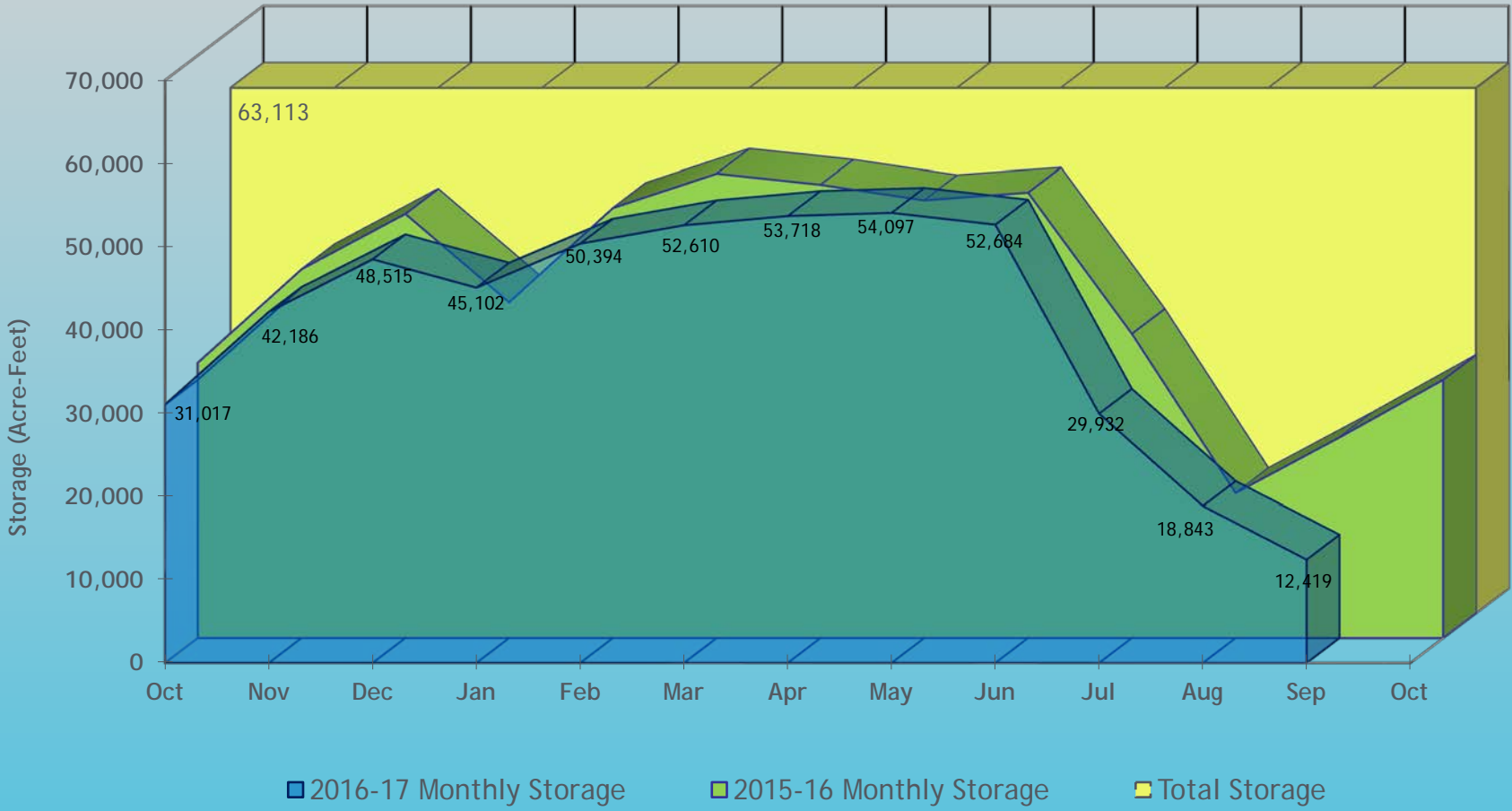
Prewitt Reservoir (District 64 - Agricultural)



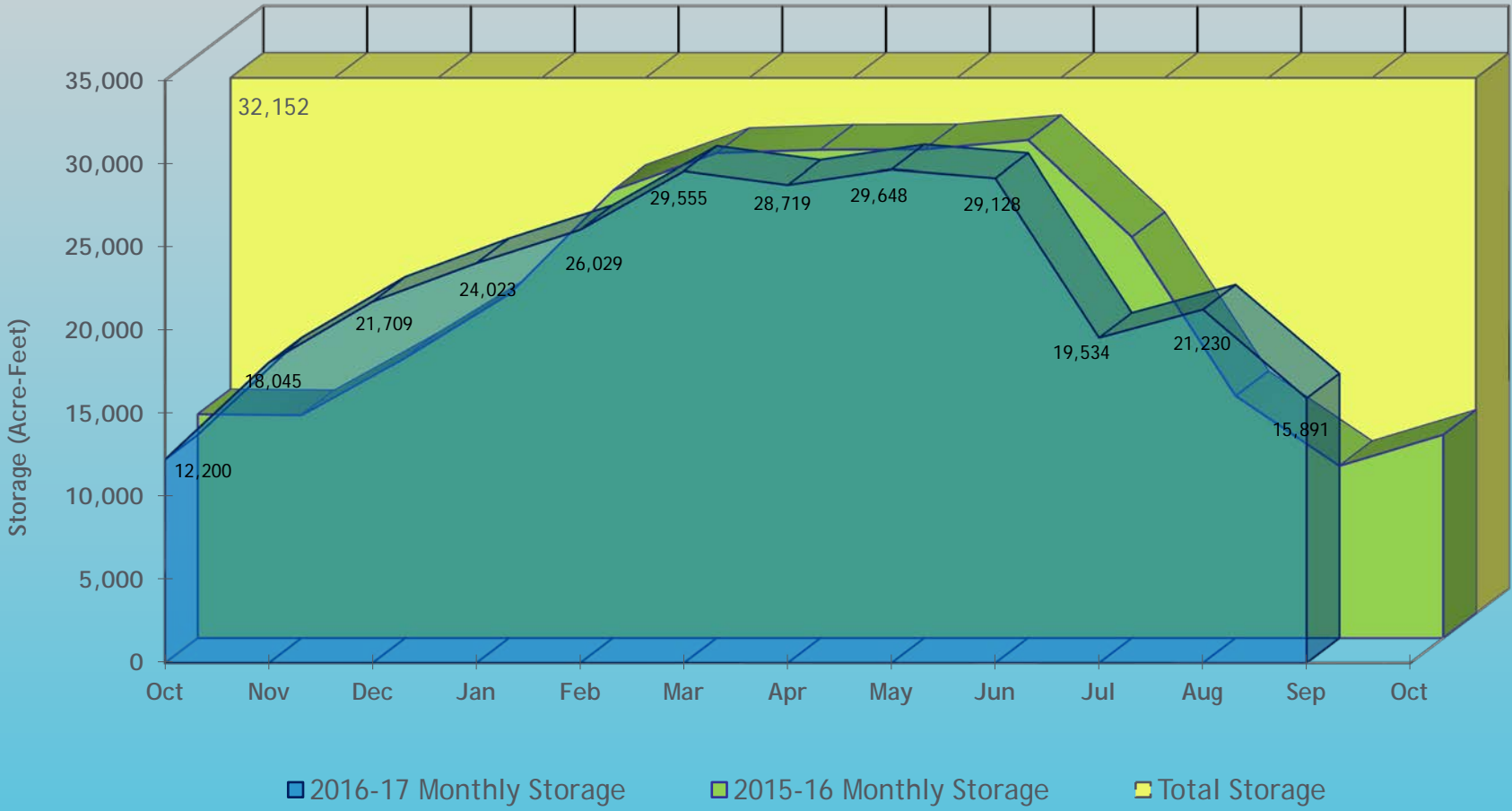
Jackson Reservoir (District 1 - Agricultural)



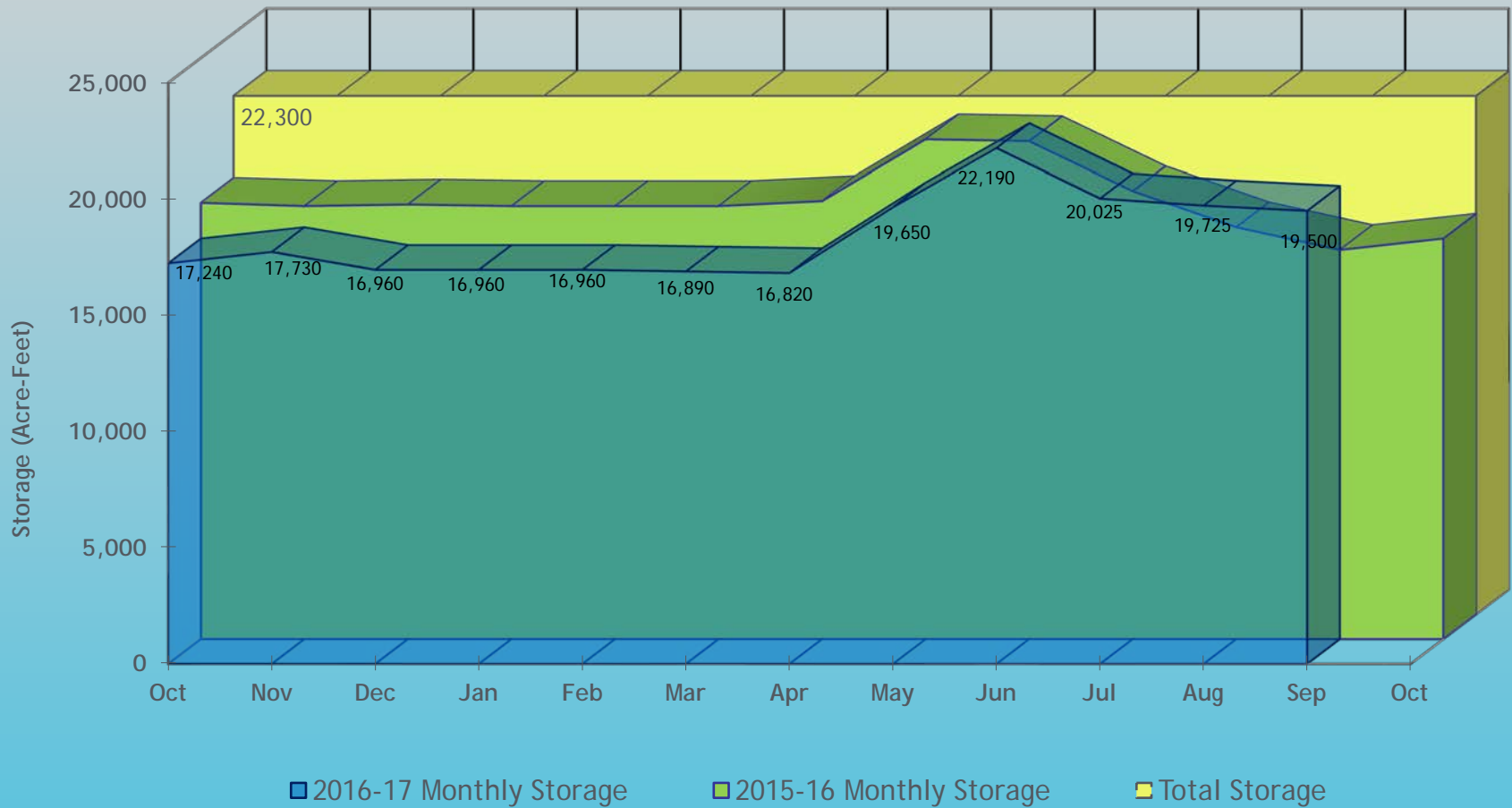
Riverside Reservoir (District 1 - Agricultural)



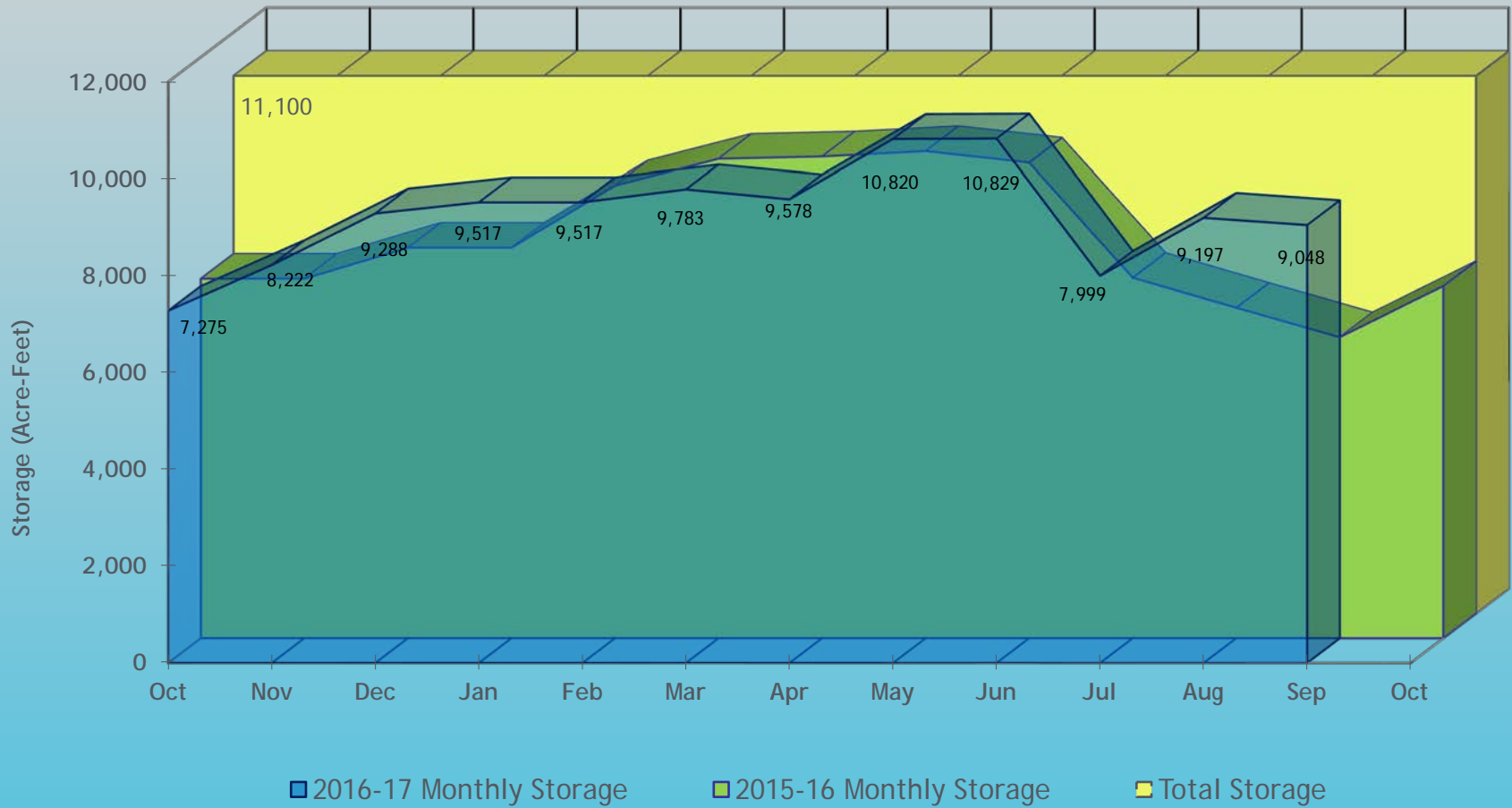
Barr Reservoir (District 2 - Agricultural)



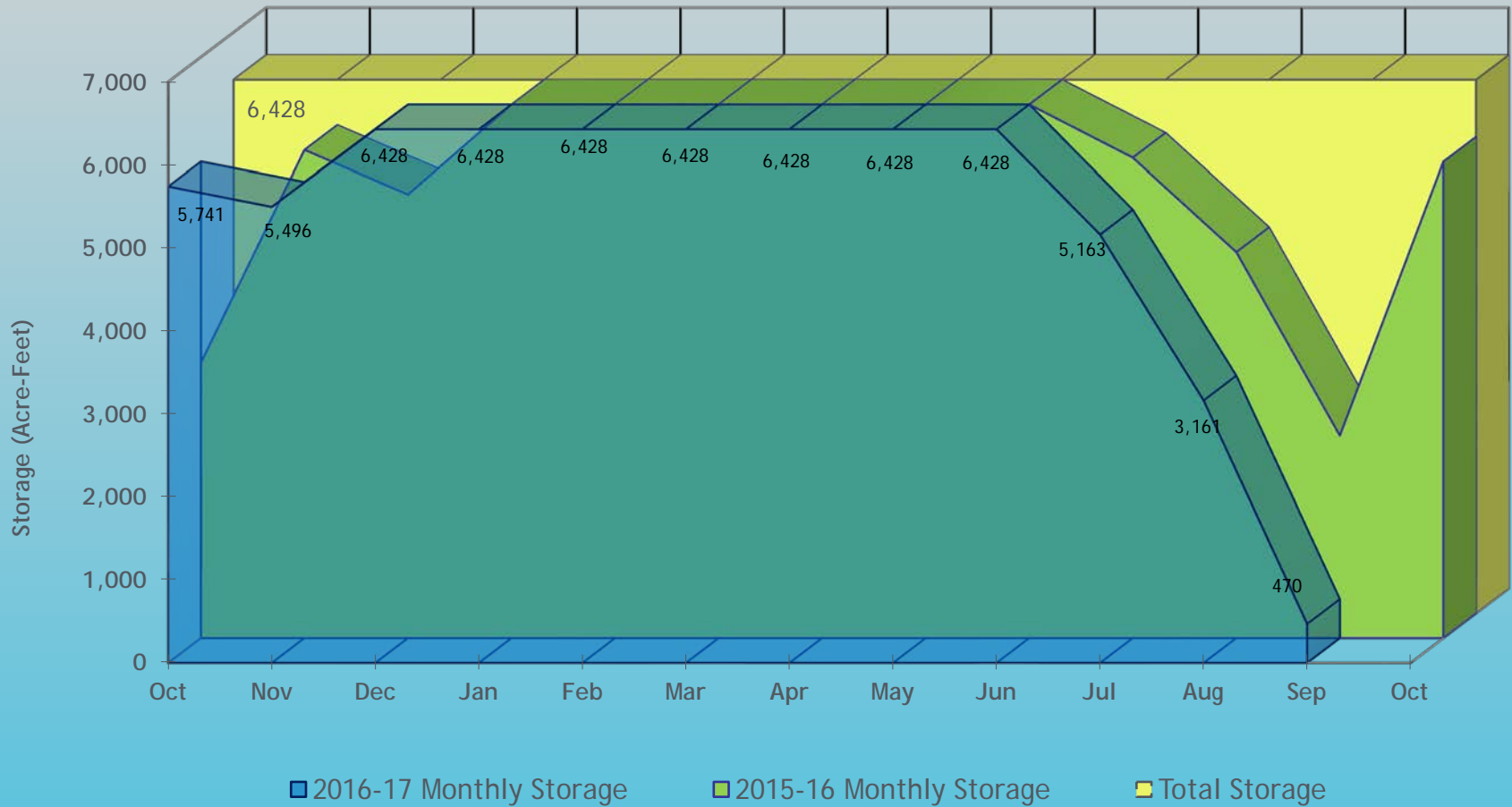
Cobb Reservoir (District 3, Poudre River - Agricultural)



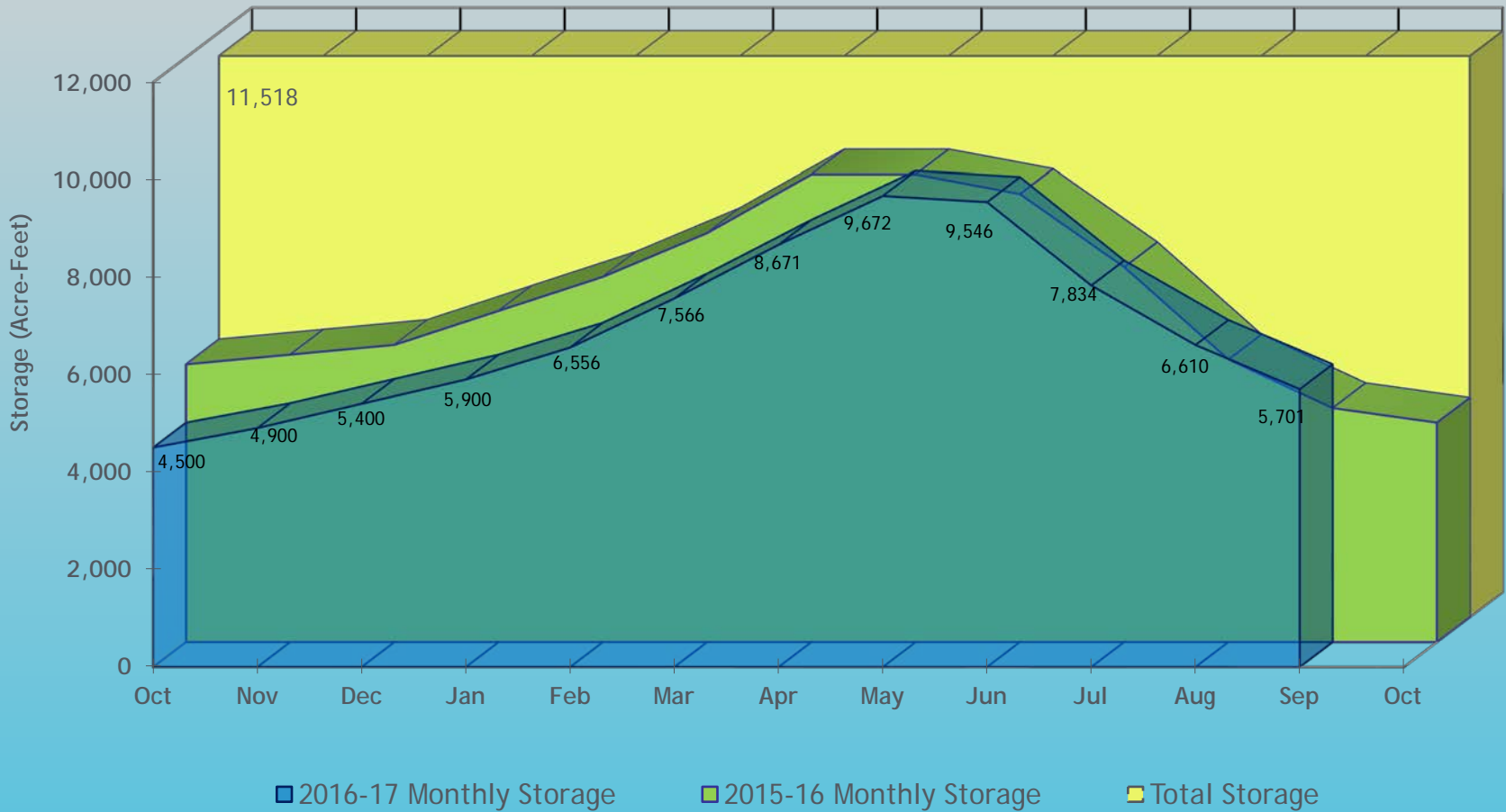
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



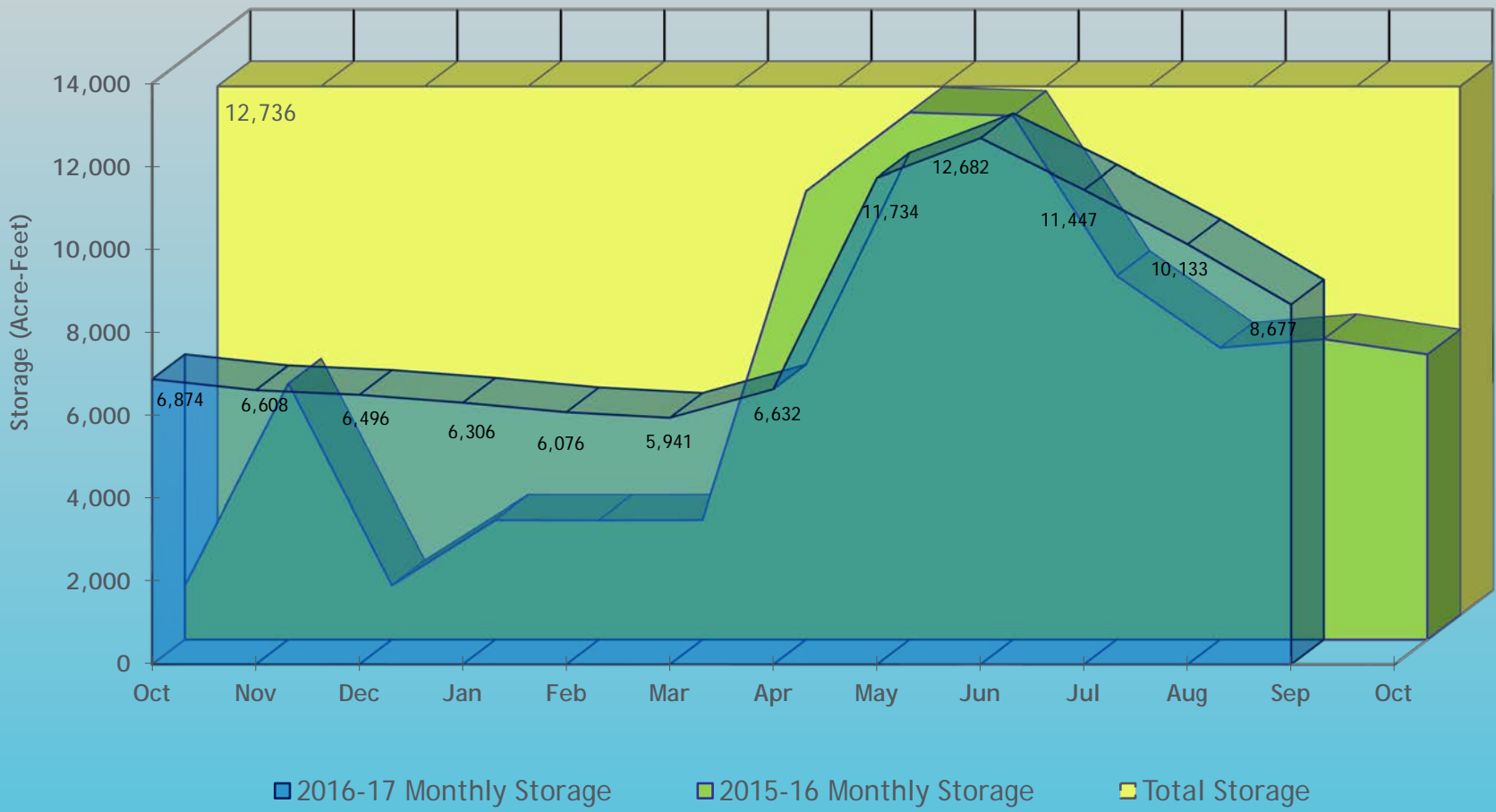
Halligan Reservoir (District 3, Poudre River - Agricultural)



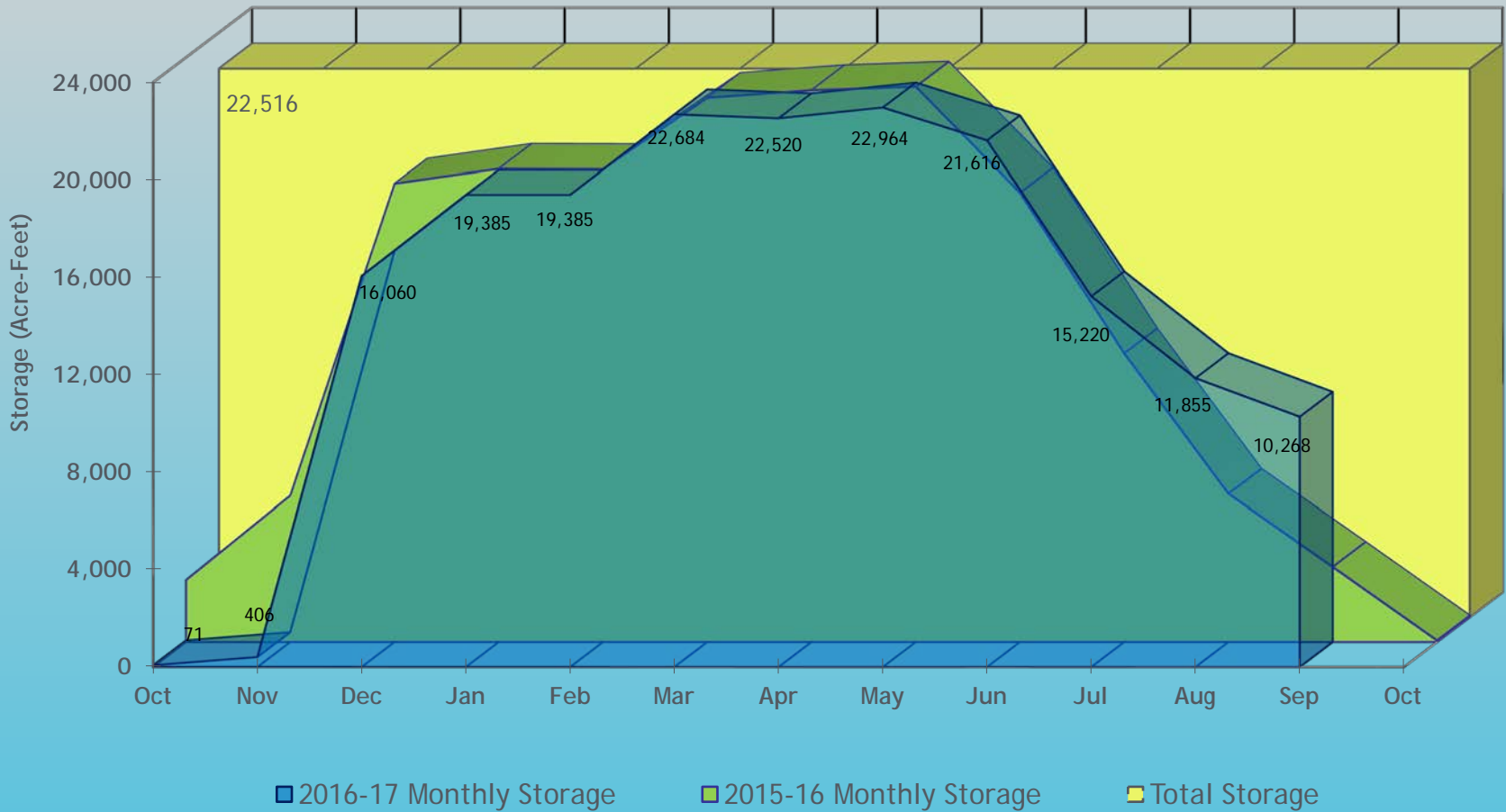
Marshall Lake (District 6, Boulder Creek - Agricultural)



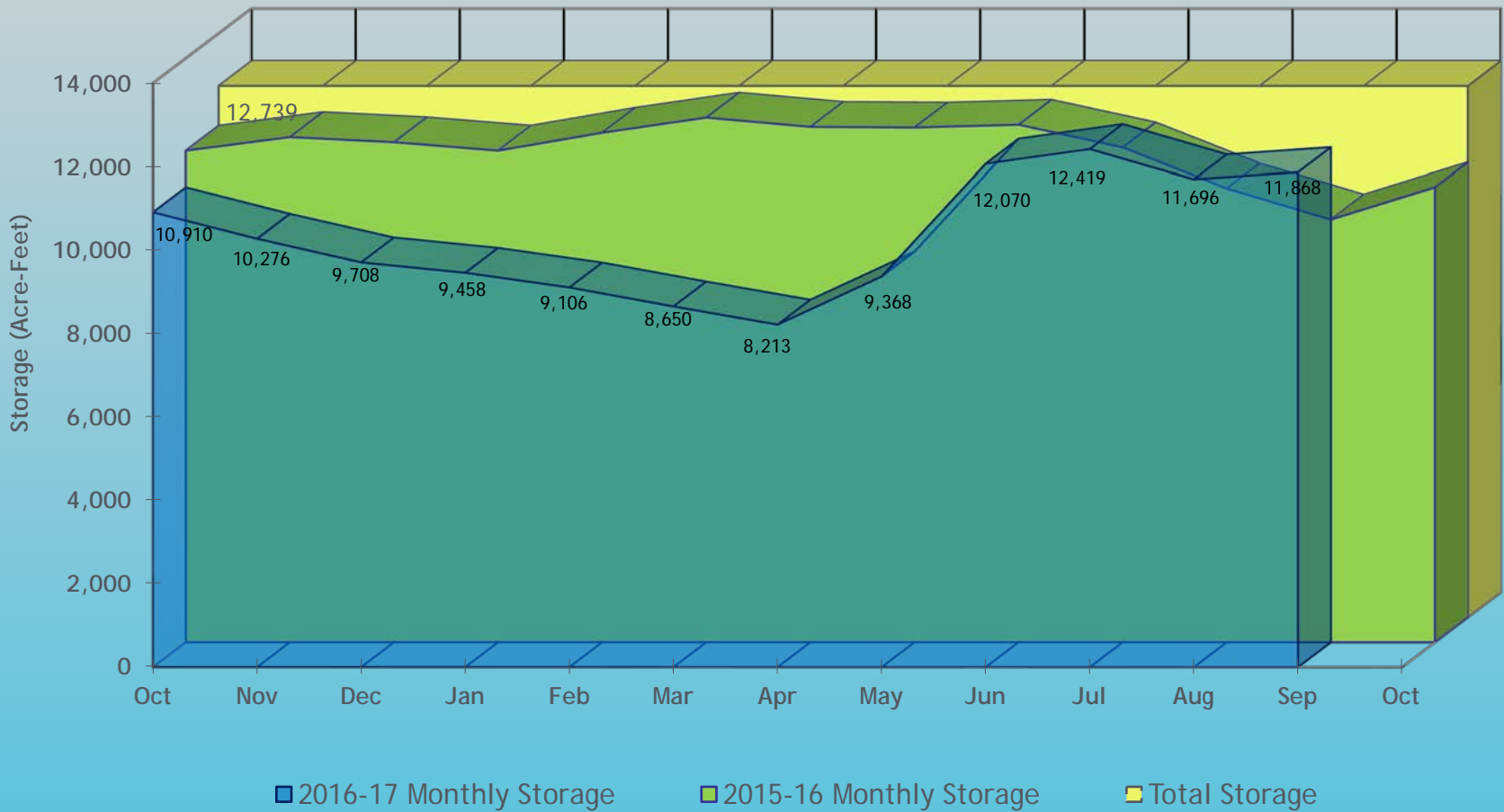
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



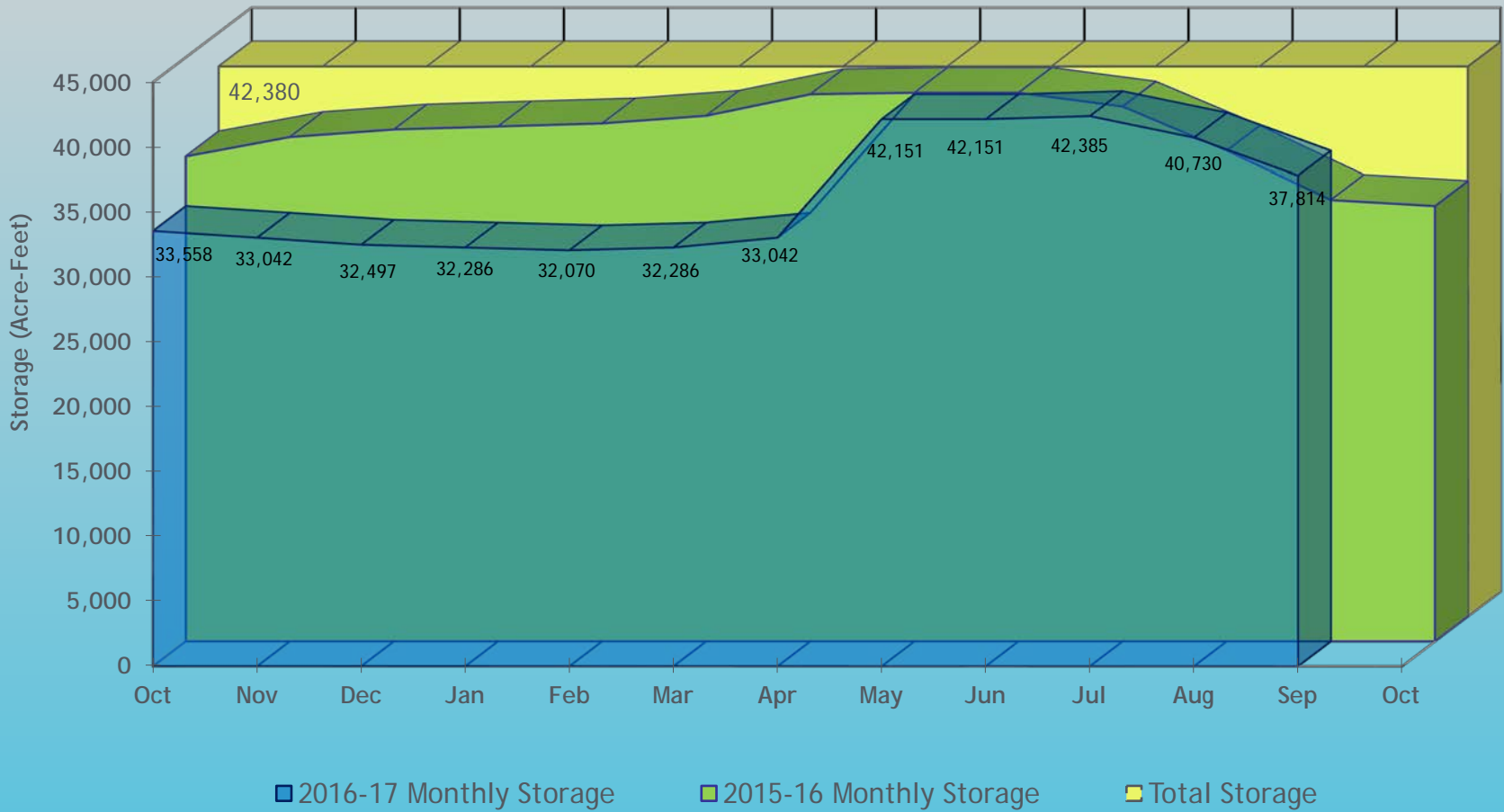
Milton Reservoir (District 2 - Agricultural)



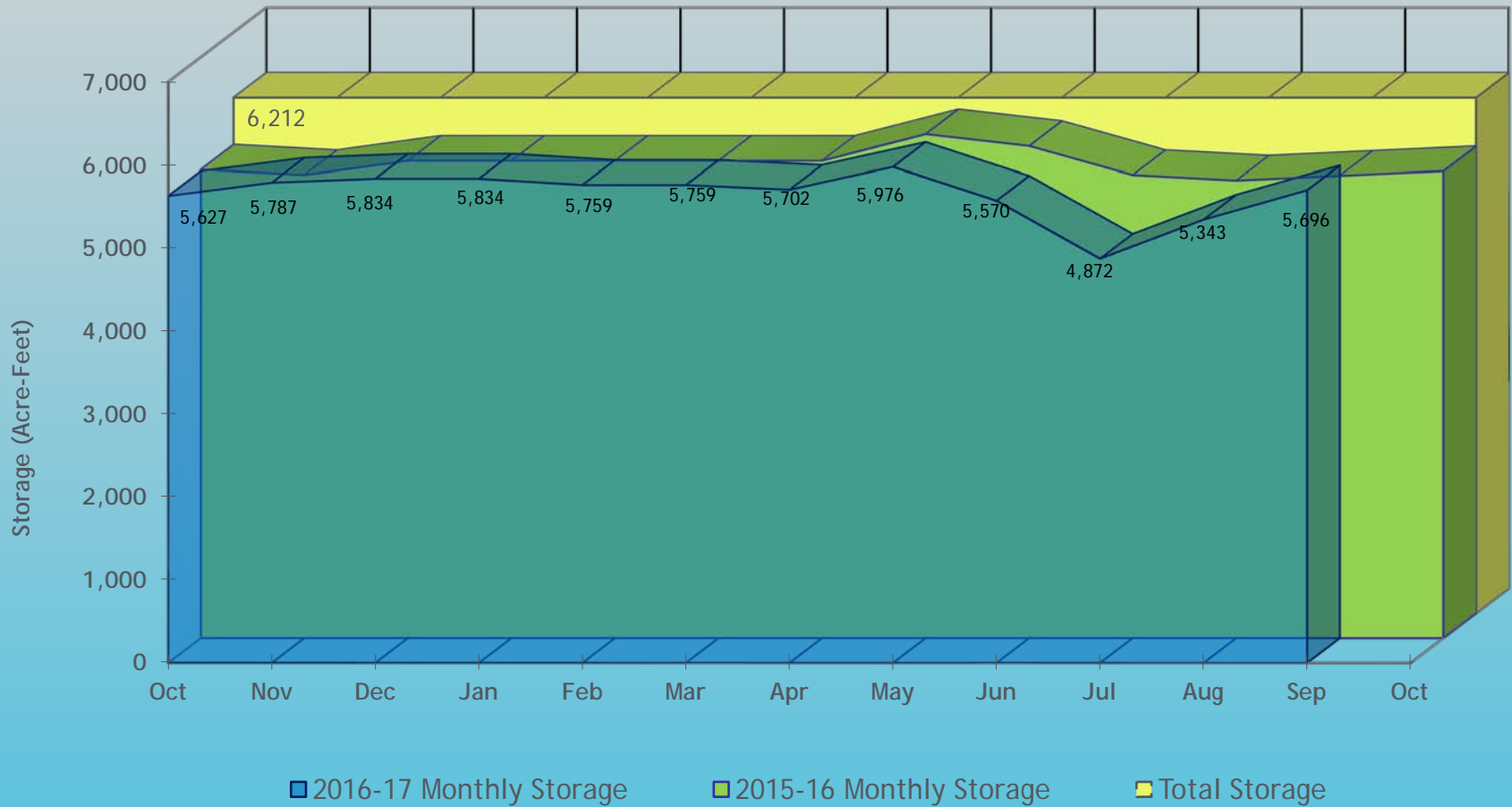
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



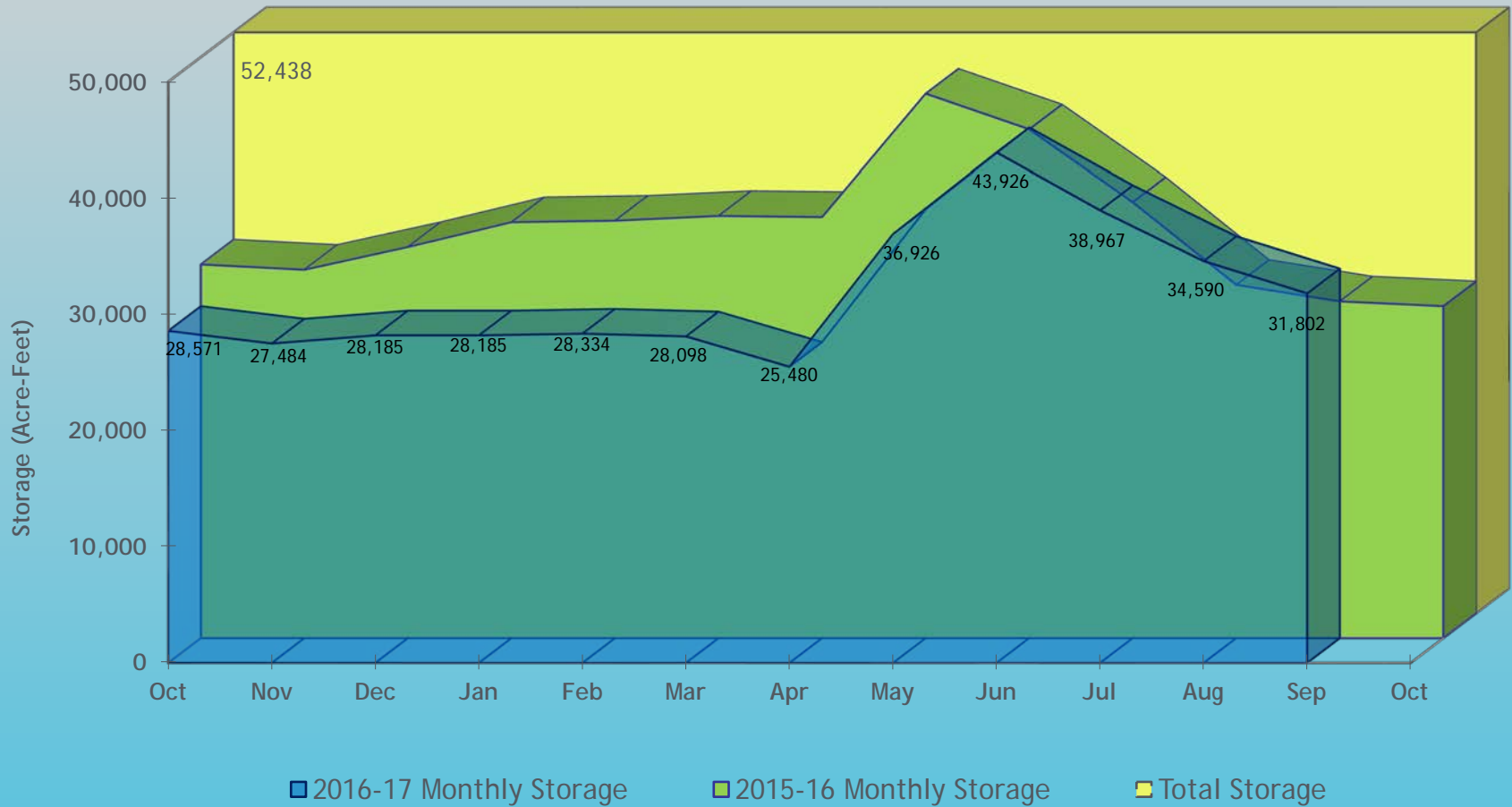
Standley Lake (Agricultural)



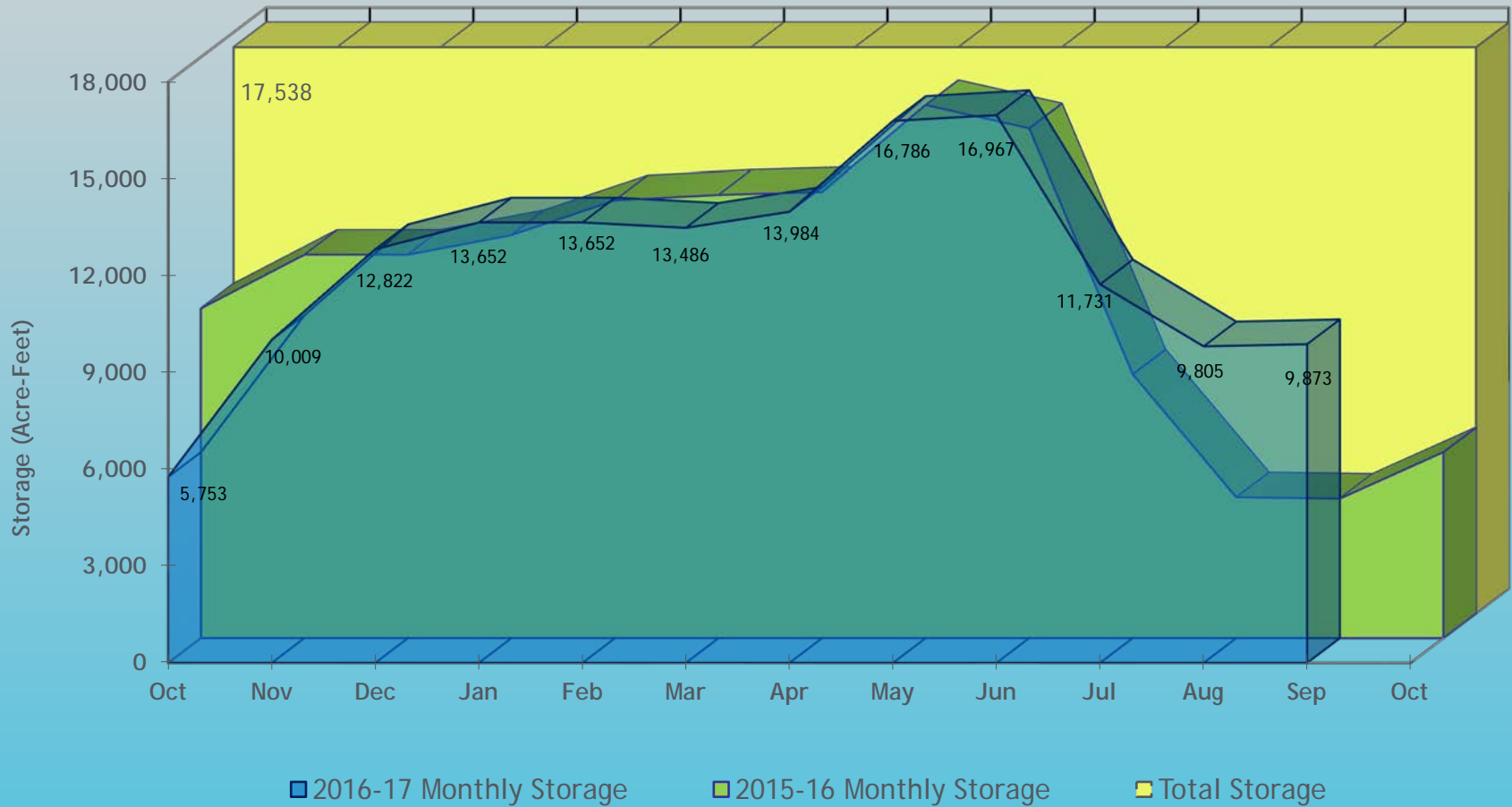
Lower Latham Reservoir (District 2 - Agricultural)



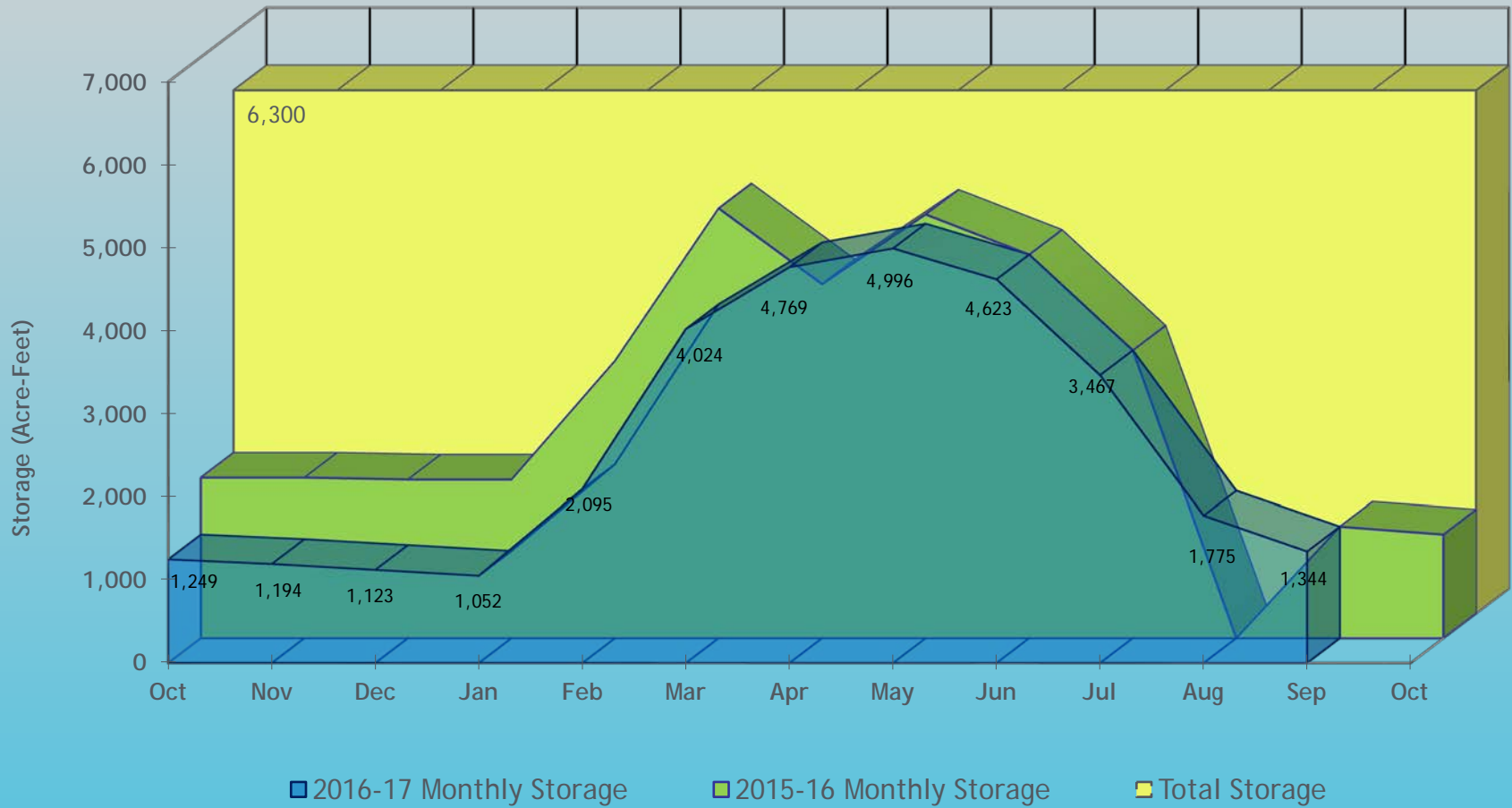
Boyd Lake (District 4, Big Thompson River - Agricultural)



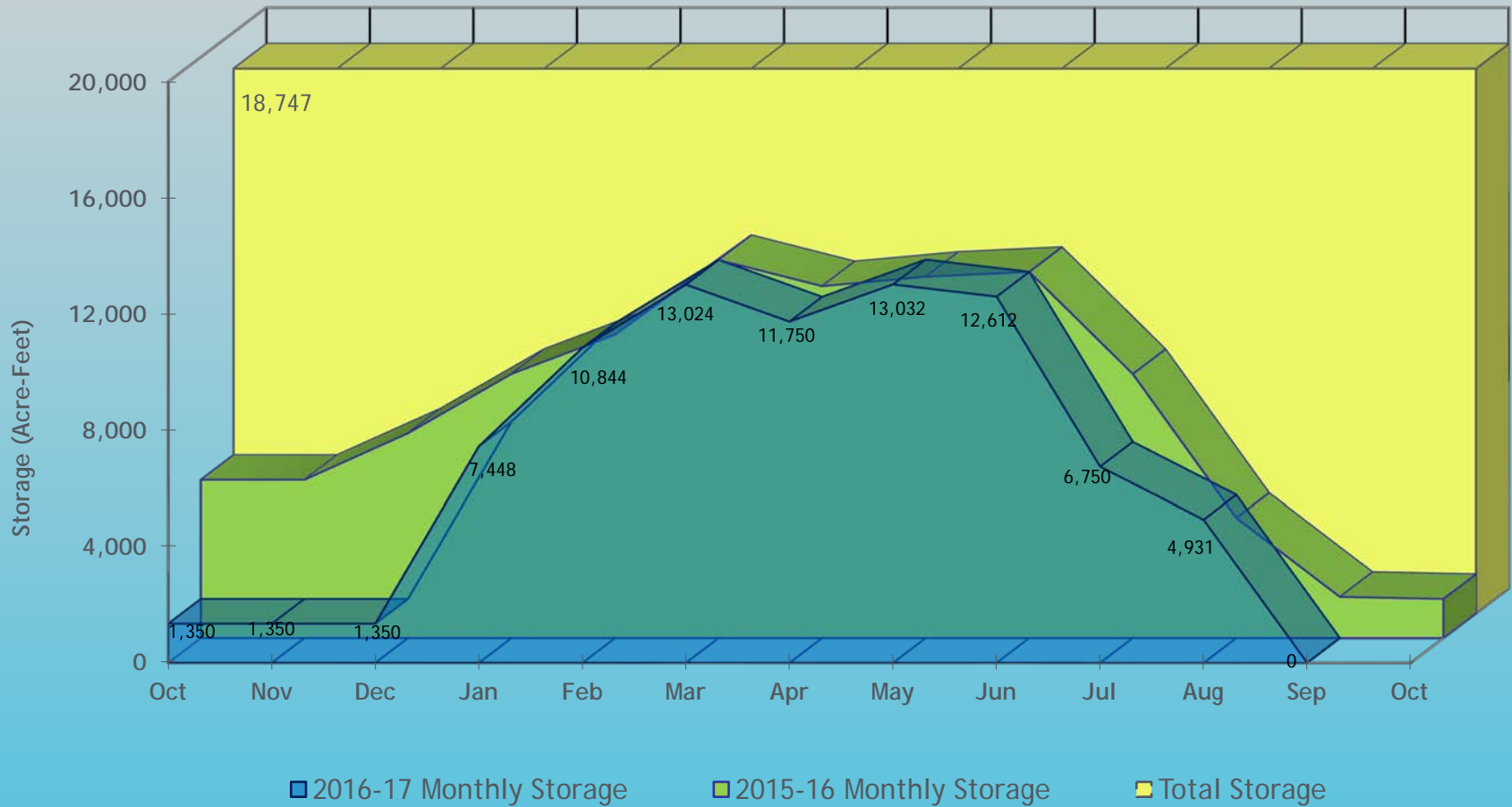
Windsor Reservoir (District 3, Poudre River - Agricultural)



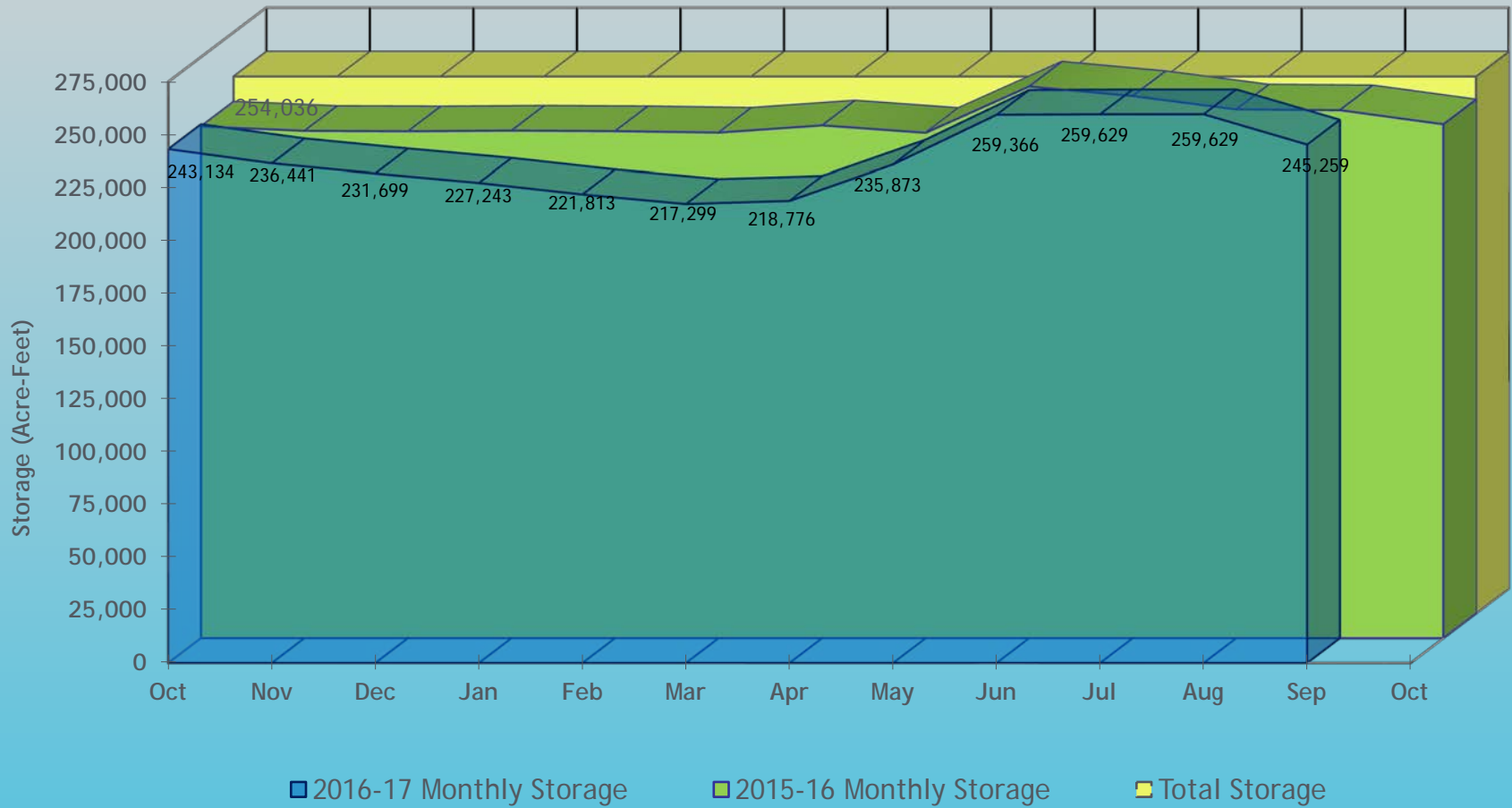
Prospect Reservoir (District 1 - Agricultural)



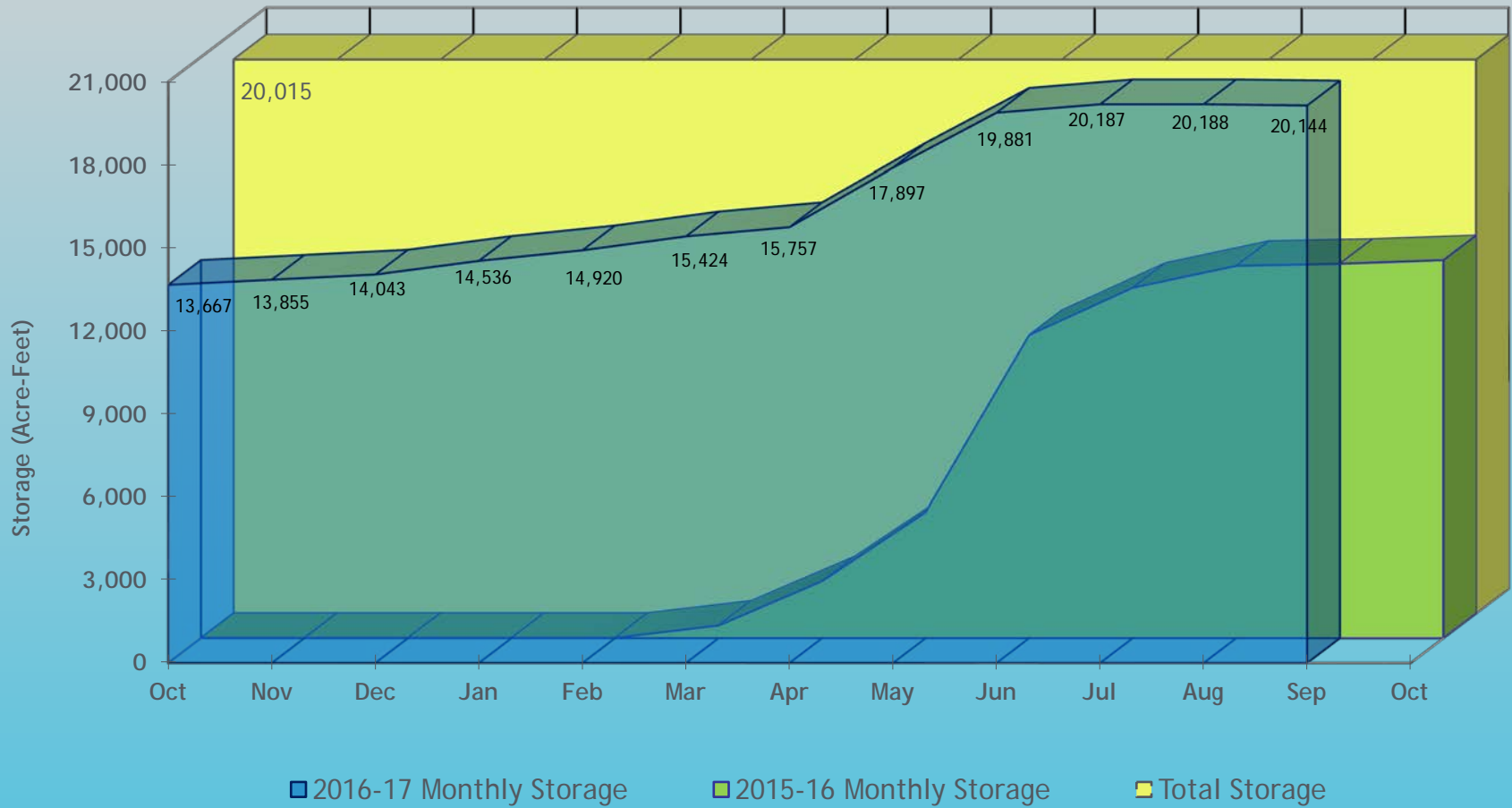
Horse Creek Reservoir (District 1 - Agricultural)



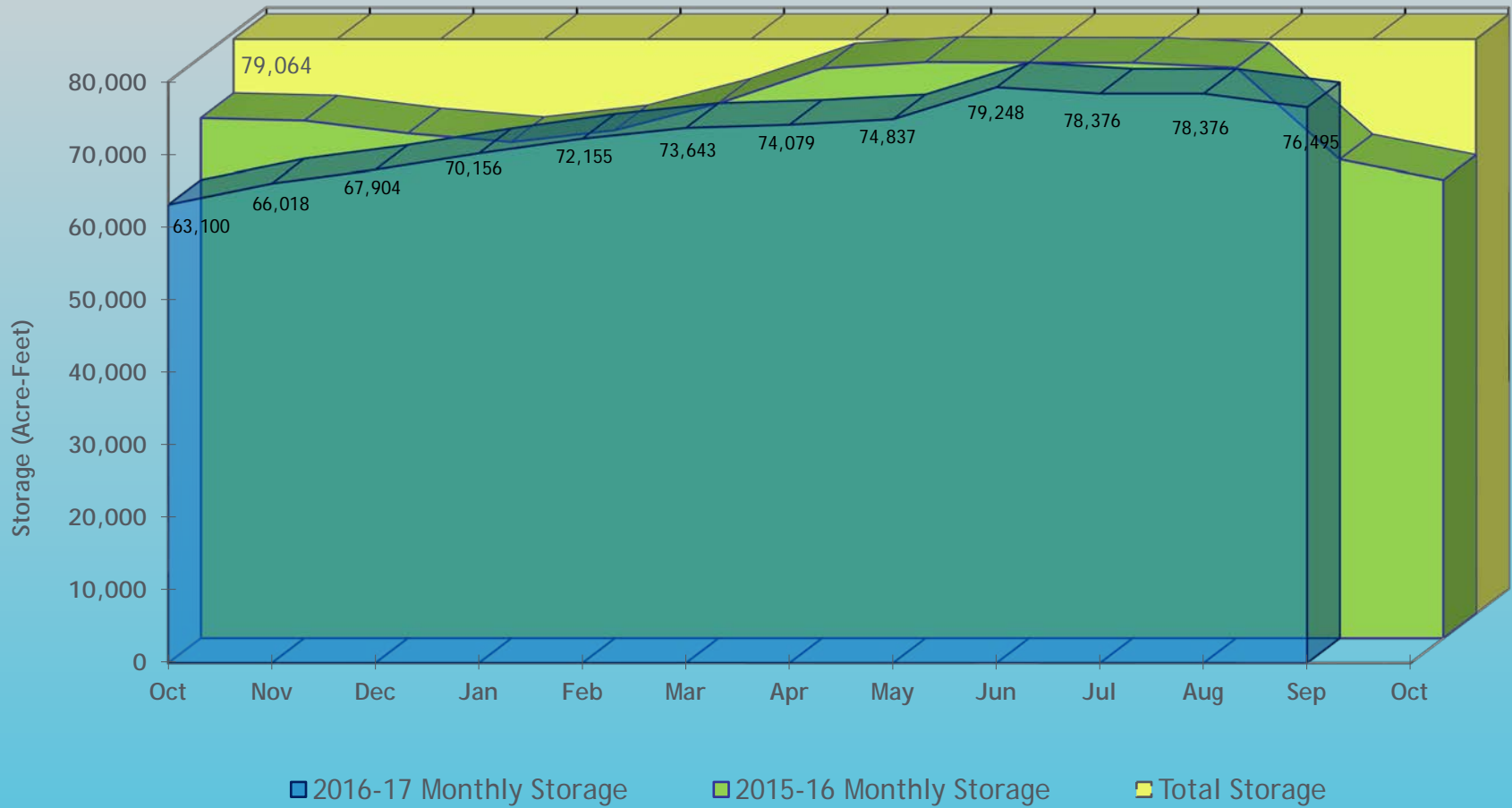
Dillon Reservoir (District 1 - Municipal)



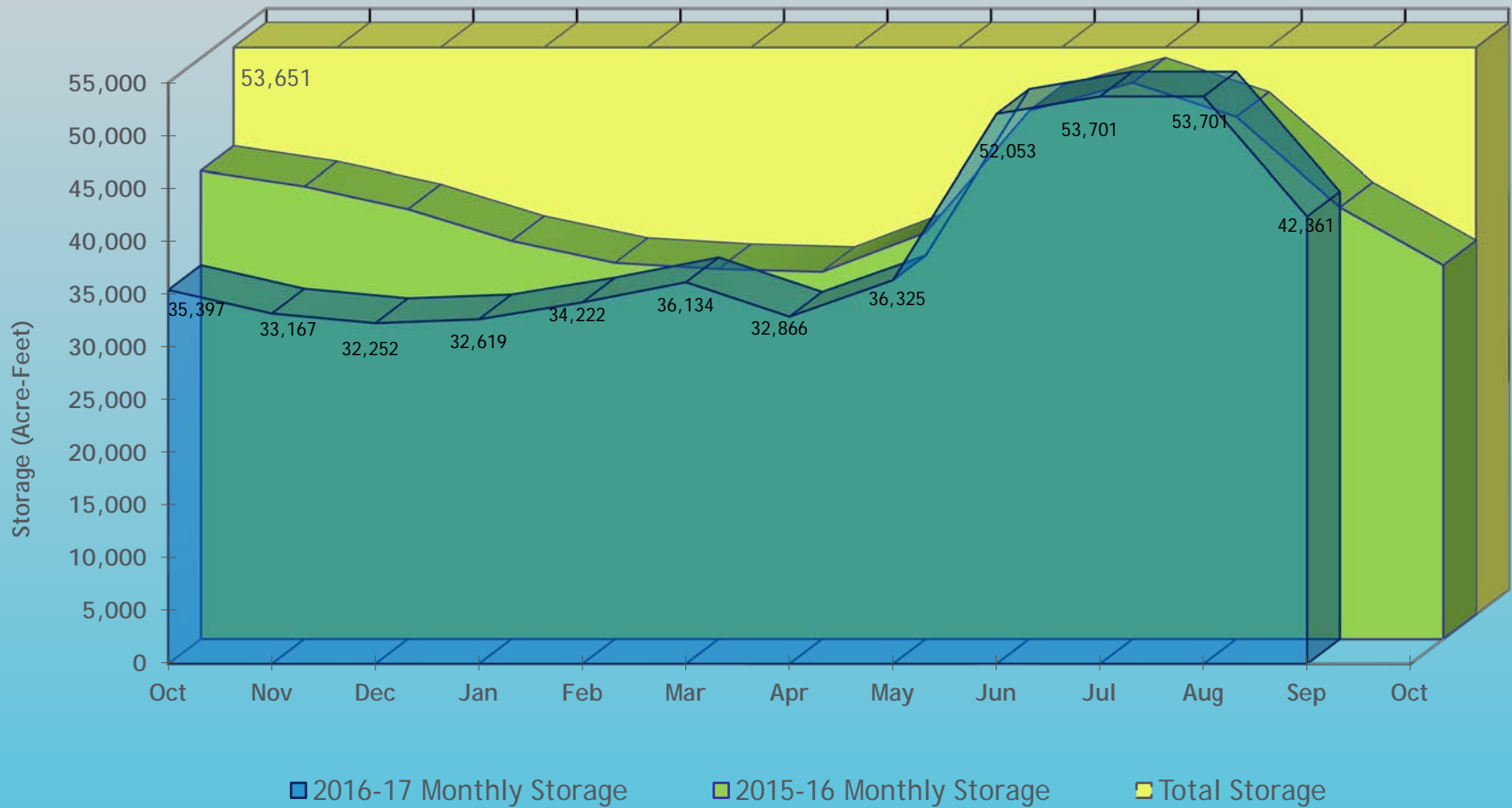
Antero Reservoir (District 23 - Municipal)



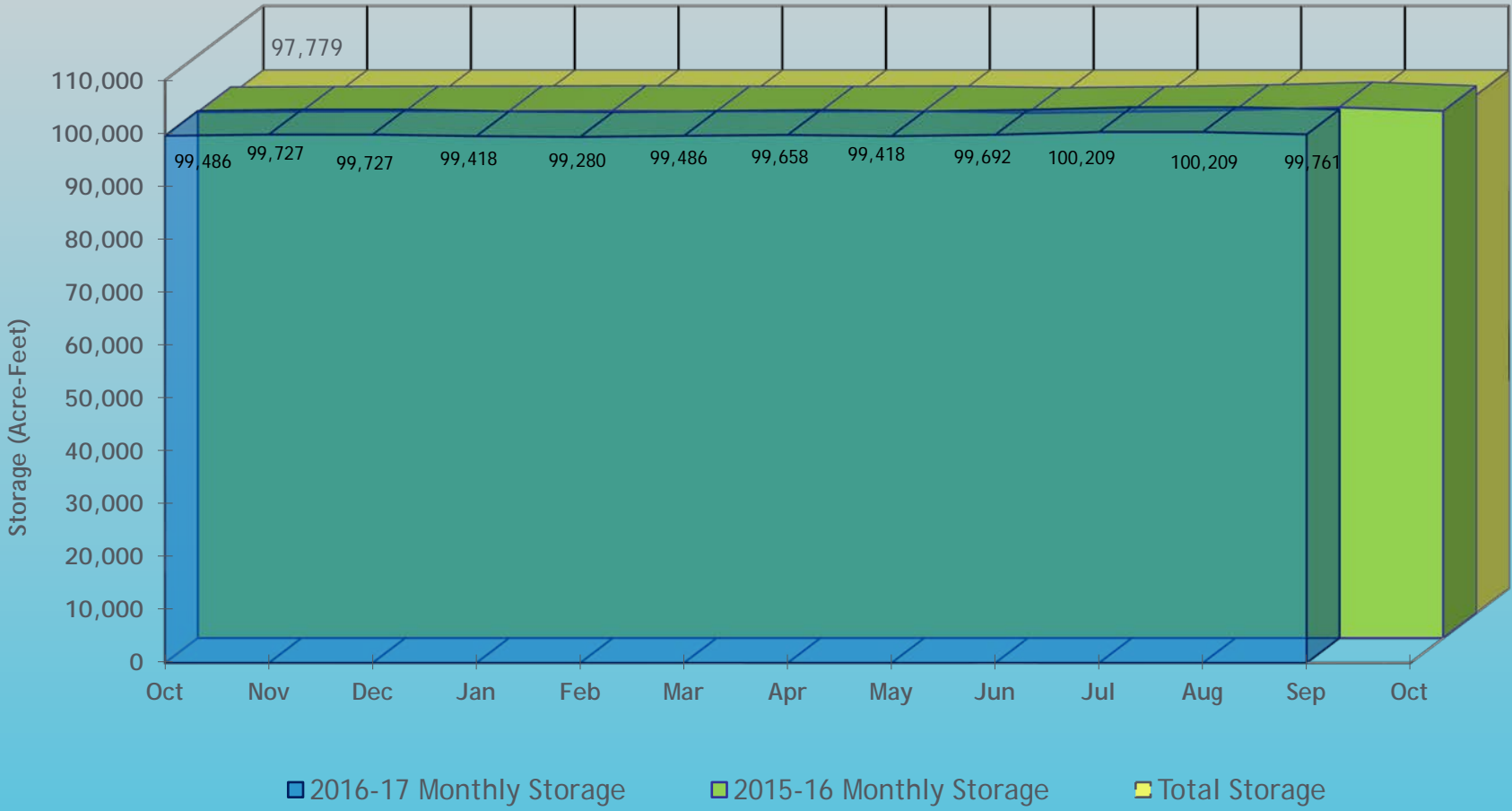
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

