



COLORADO
Department of Natural Resources

South Platte Summary May 2015

Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

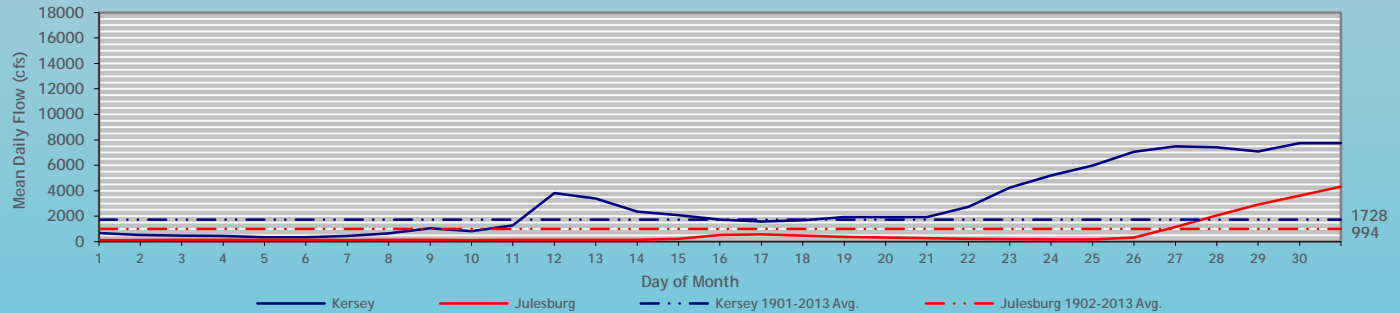
MONTH OF May 2015

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	22,666	22,013	64	-653	-3%	97%	95%	0
N STERLING	73,730	74,587	75,599	64	1,012	1%	100%	98%	1,869
PREWITT	28,500	28,597	28,597	64	0	0%	100%	98%	97
JACKSON	27,257	27,257	27,945	1	688	3%	100%	100%	688
EMPIRE	37,700	37,709	35,736	1	-1,973	-5%	95%	100%	0
RIVERSIDE	63,113	63,303	61,976	1	-1,327	-2%	98%	96%	0
BARR LAKE	32,152	29,314	28,756	2	-558	-2%	89%	89%	0
CHEESMAN	79,064	78,393	79,932	80	1,539	2%	100%	100%	868
ELEVEN MILE	97,779	99,486	102,429	23	2,943	3%	100%	100%	4,650
SPINNEY	53,651	46,960	51,761	23	4,801	10%	96%	82%	0
ANTERO	20,015	16,113	15,561	23	-552	-3%	78%	81%	0

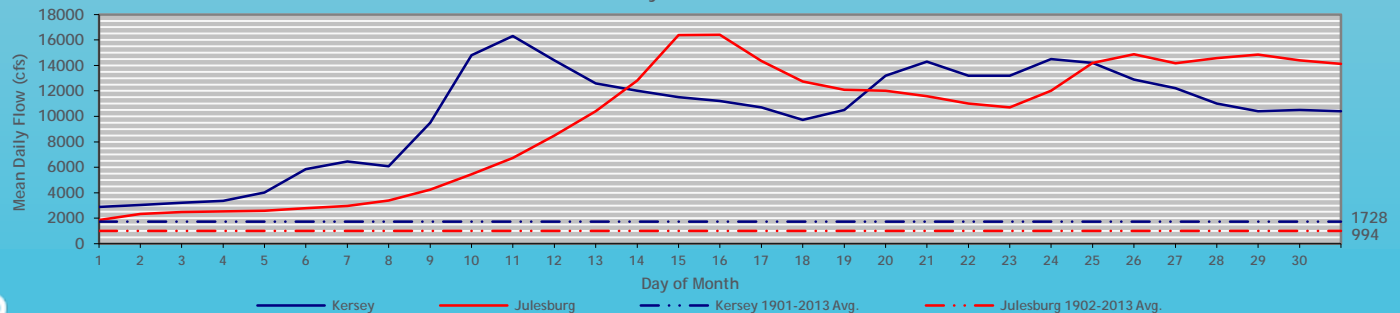
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	10263
JULESBURG	9662
THIS MONTH LAST YEAR	
KERSEY	2974
JULESBURG	643
MEAN FOR PERIOD OF RECORD*	
KERSEY	1728
JULESBURG	994

*Kersey 1901 - 2013
*Julesburg 1902 - 2013

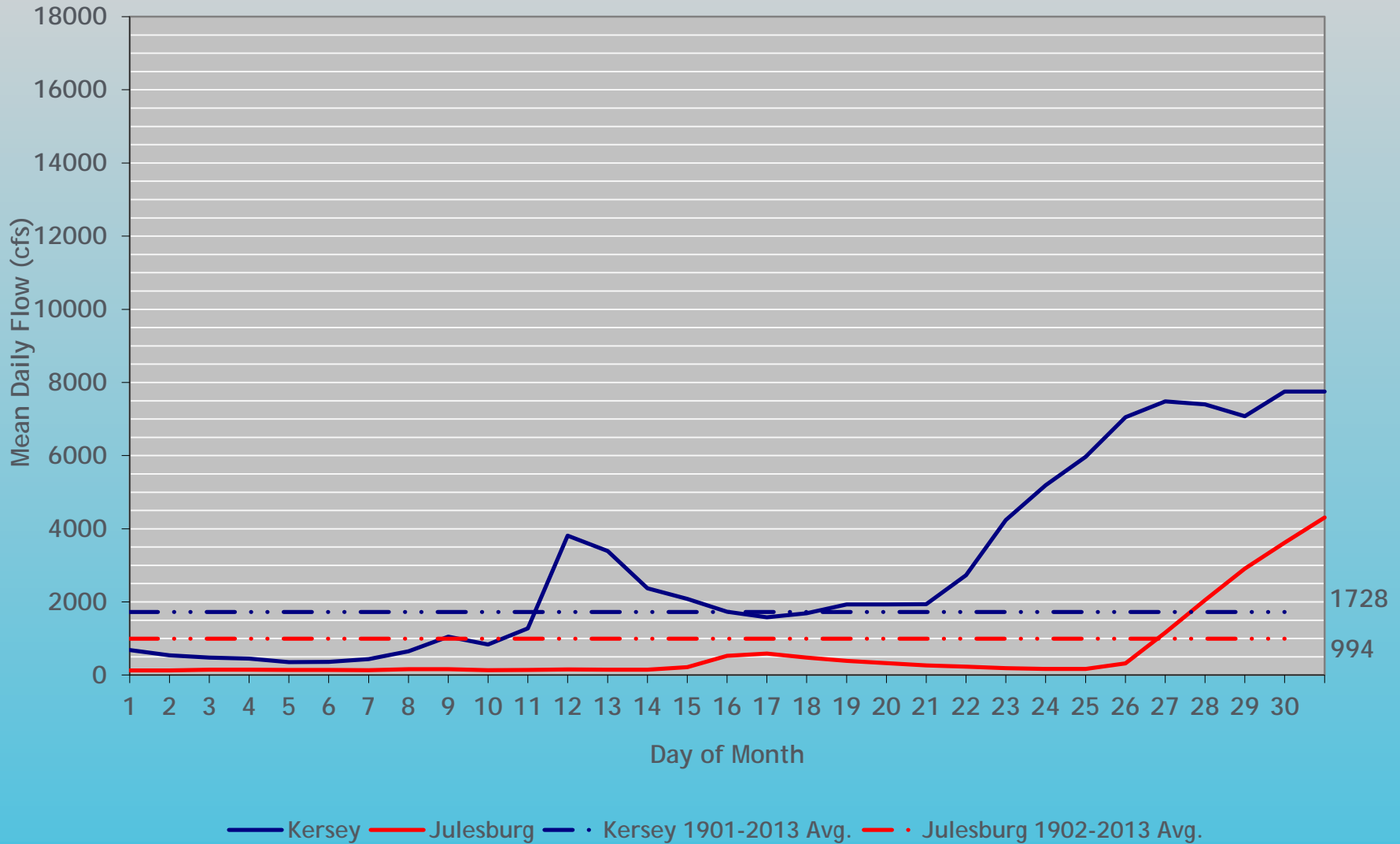
KERSEY and JULESBURG
May 2014



KERSEY and JULESBURG
May 2015

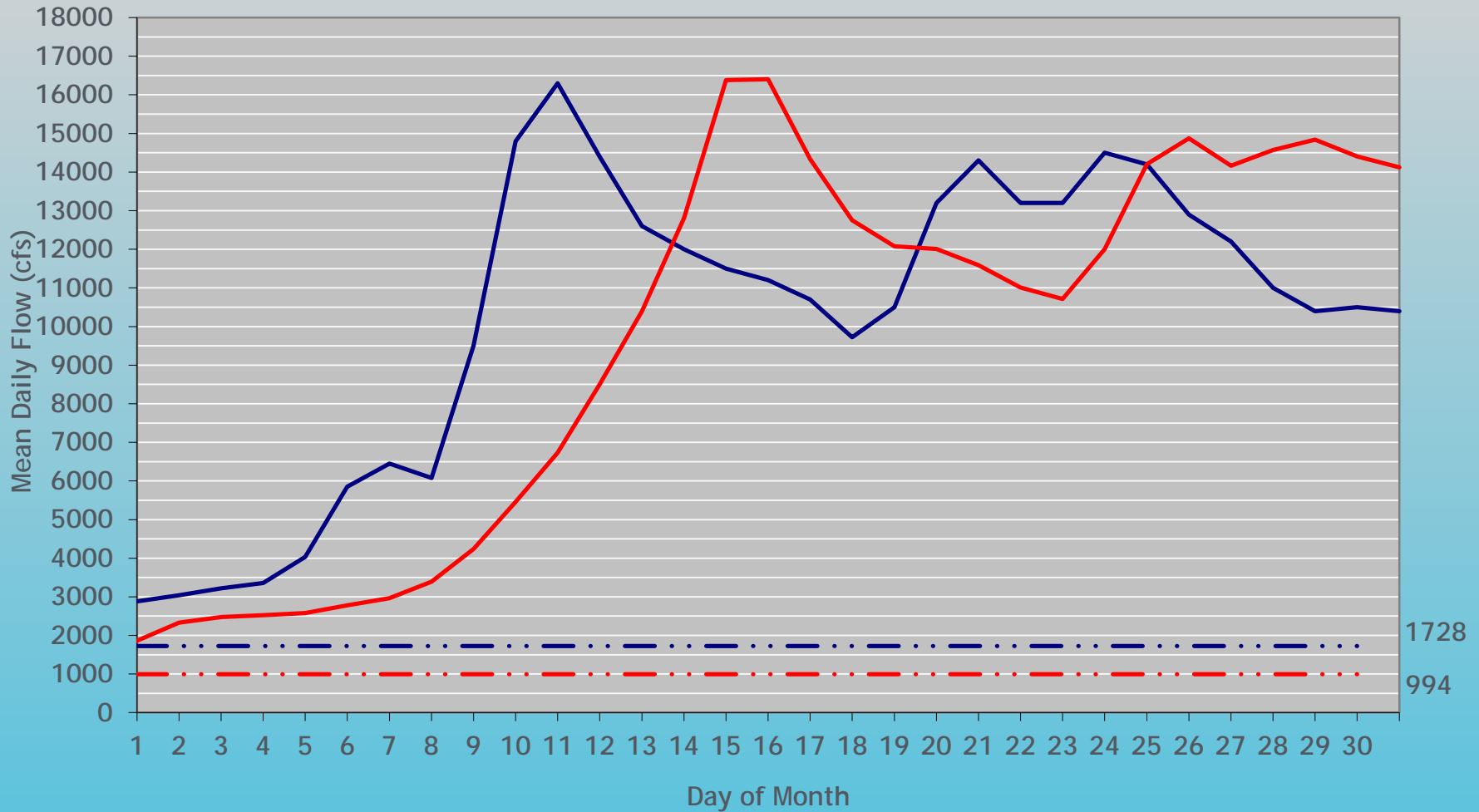


KERSEY and JULESBURG May 2014



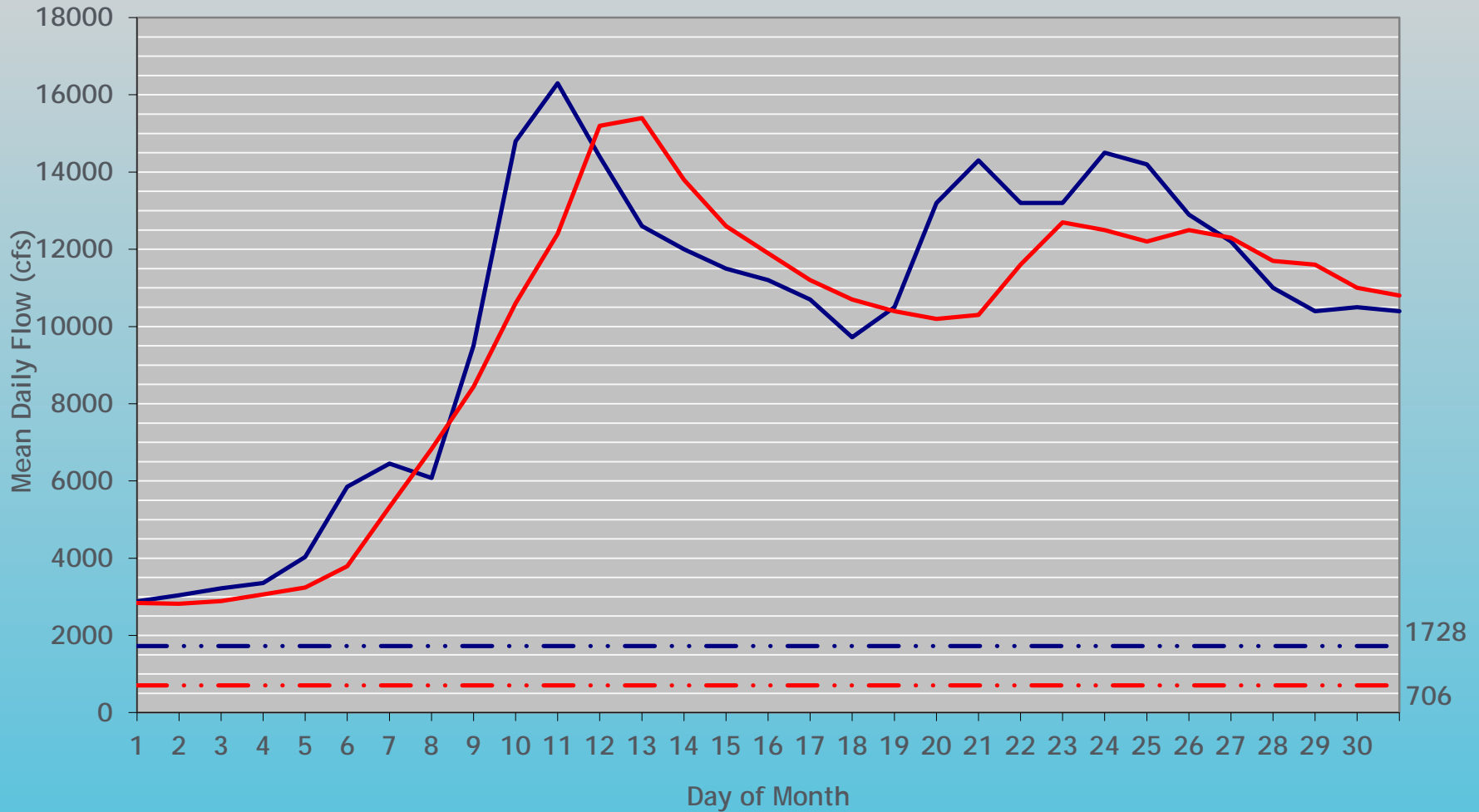
KERSEY and JULESBURG

May 2015



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

KERSEY and BALZAC May 2015



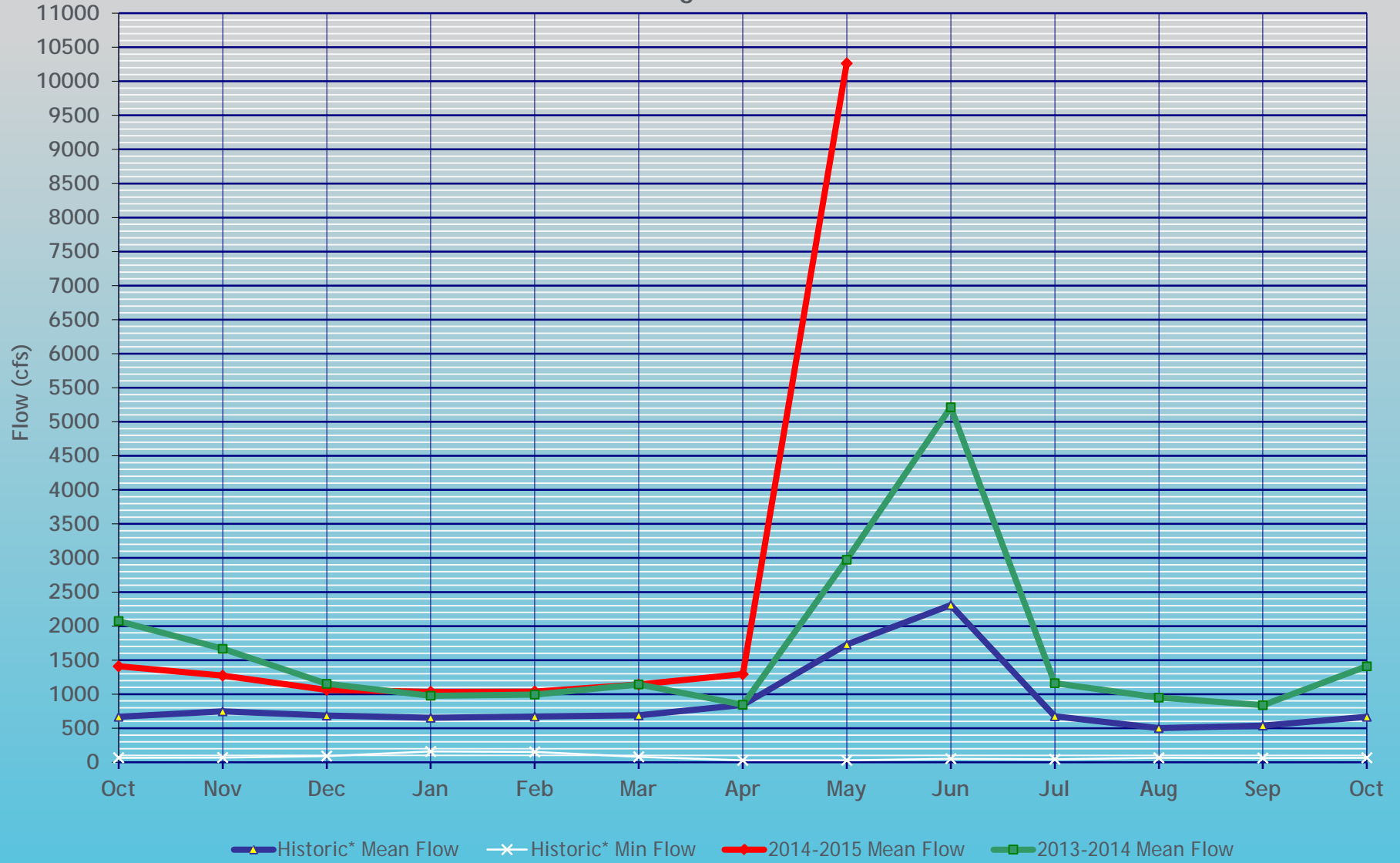
— Kersey — Balzac — • Kersey 1901-2013 Avg. — • Balzac 1917-2013 Avg.

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 2015 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2015 Mean Monthly Flow
Oct	667	6180	1984	66	1954	1409	Oct	299	3130	1984	4.2	1903	558
Nov	747	3650	1984	70	1934	1273	Nov	335	2900	1984	4.2	1903	1443
Dec	685	1890	1961	91	1934	1064	Dec	401	1820	1984	13	2002	1755
Jan	652	2160	1974	158	1935	1034	Jan	512	2510	1970	21	2003	1913
Feb	671	3060	1914	152	1935	1039	Feb	578	3220	1930	29	2005	987
Mar	688	3470	1983	80	1935	1143	Mar	512	12900	1910	15	1904	517
Apr	842	18100	1942	28	1955	1293	Apr	514	14400	1942	4.0	1904	366
May	1728	26100	1973	29	1955	10263	May	994	18100	1973	12	1911	9662
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 1902-2013							*Period of record 1902-2013						

South Platte River at Kersey

Irrigation Year

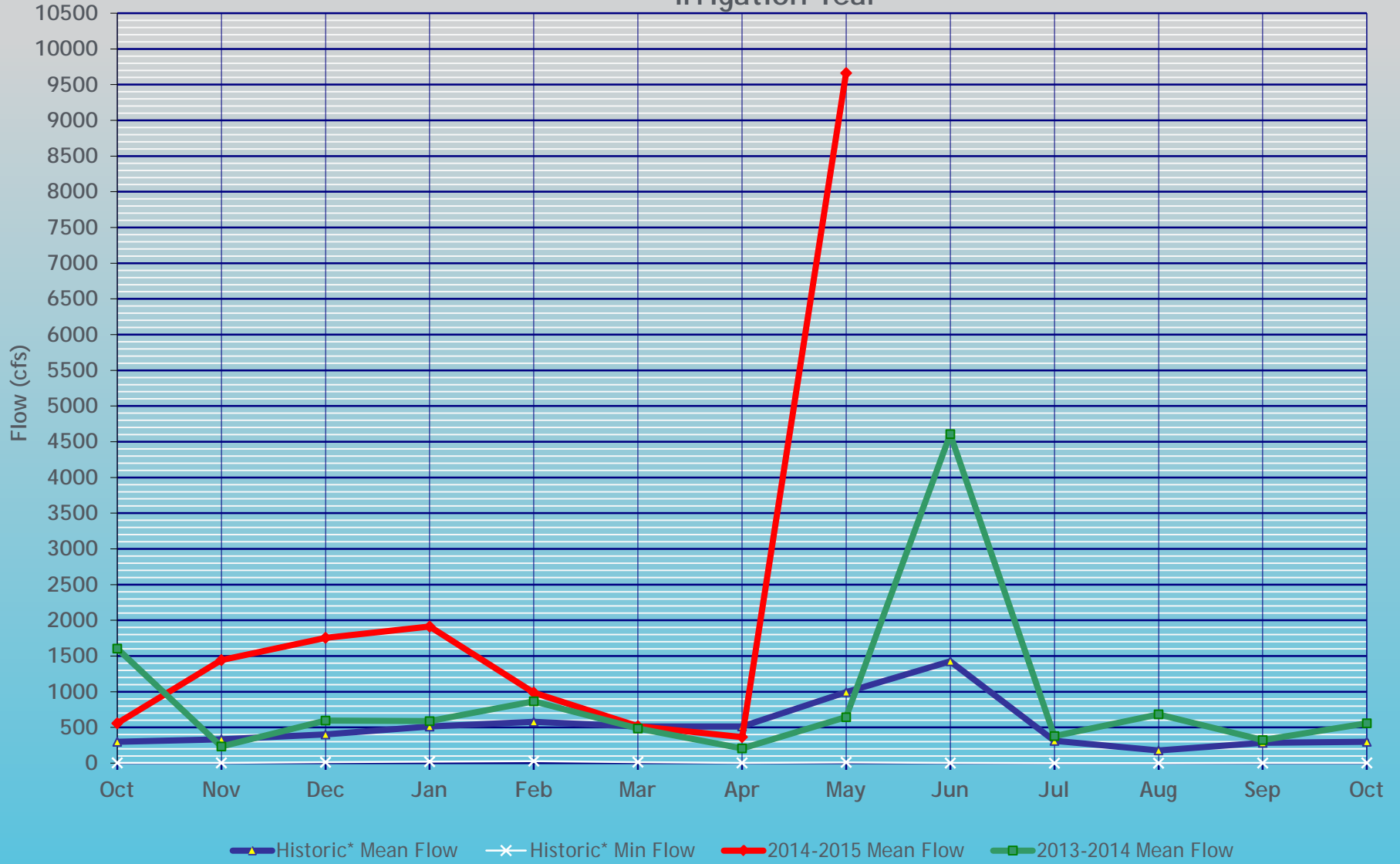


Historic* Mean Flow Historic* Min Flow 2014-2015 Mean Flow 2013-2014 Mean Flow

*1901-2013

South Platte River at Julesburg

Irrigation Year

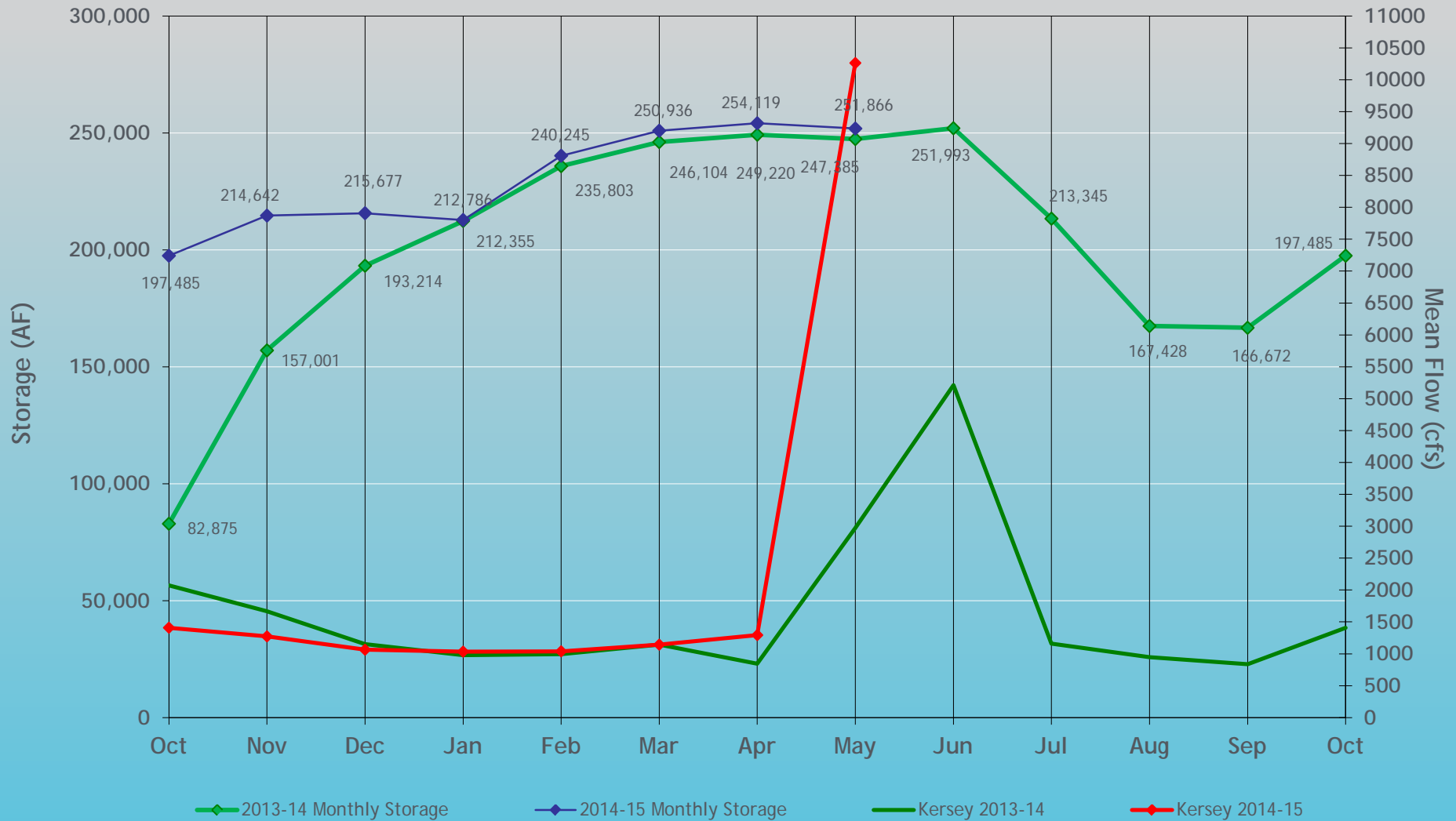


*1901-2013



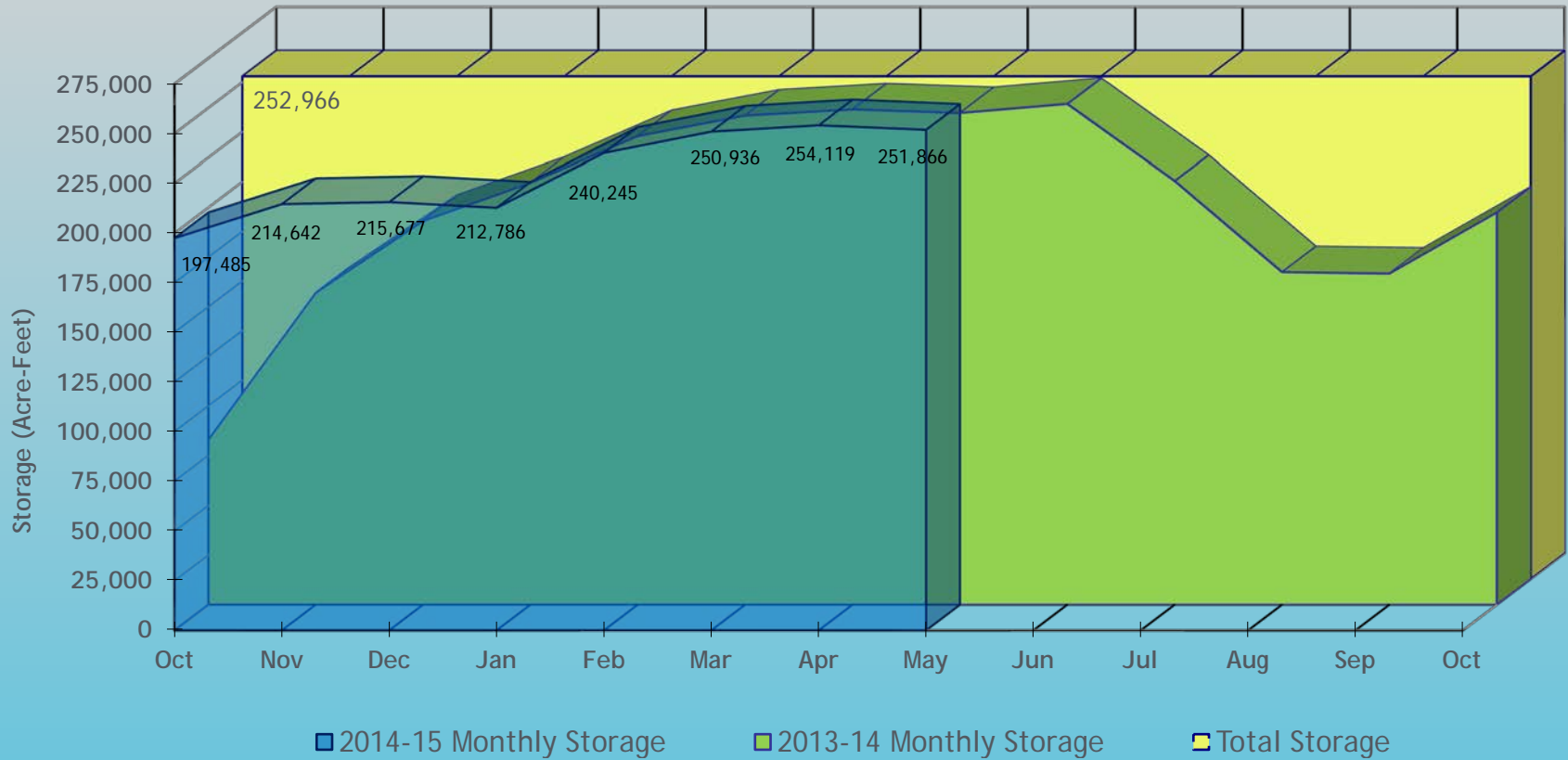
Reservoir Storage below Kersey

Selected Reservoirs*



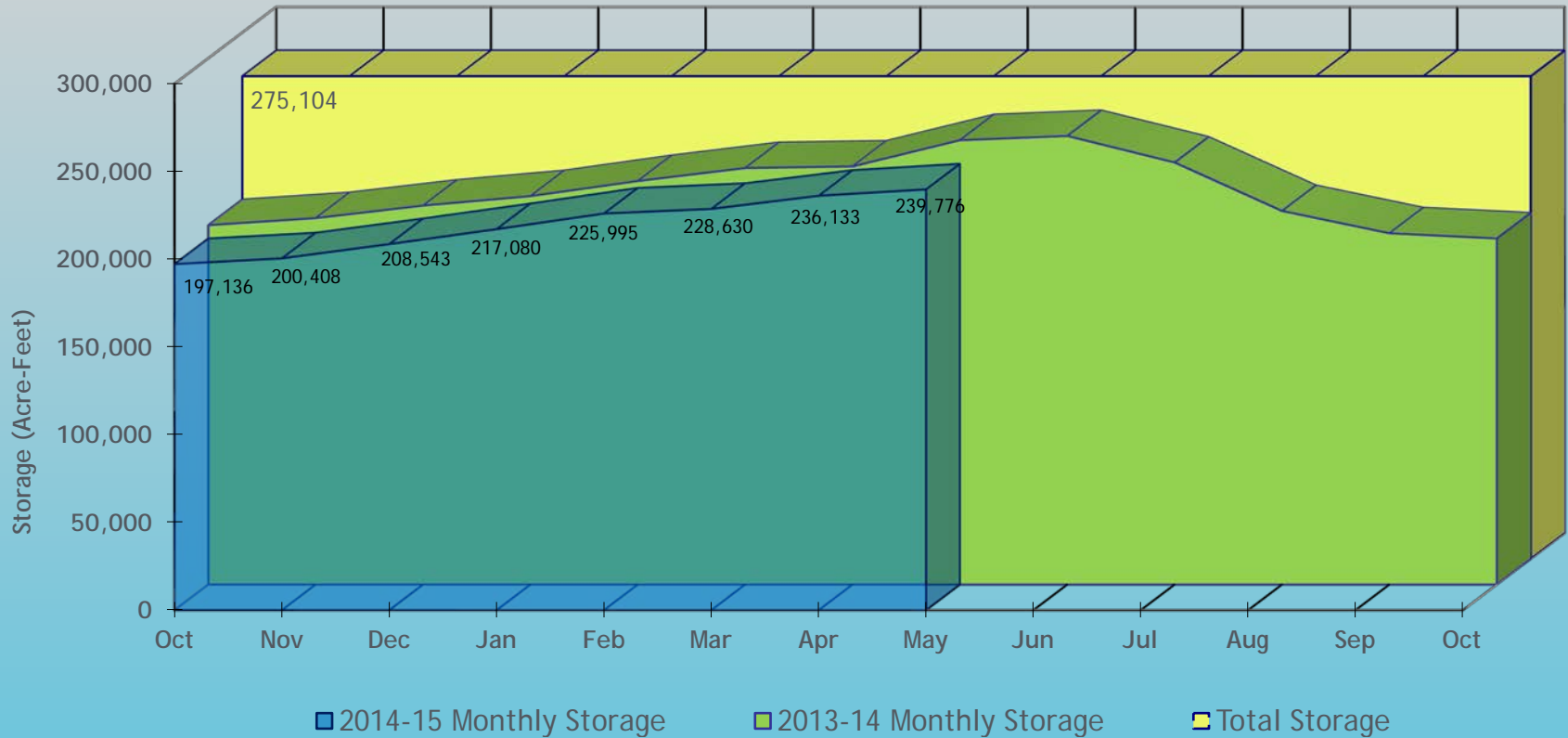
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

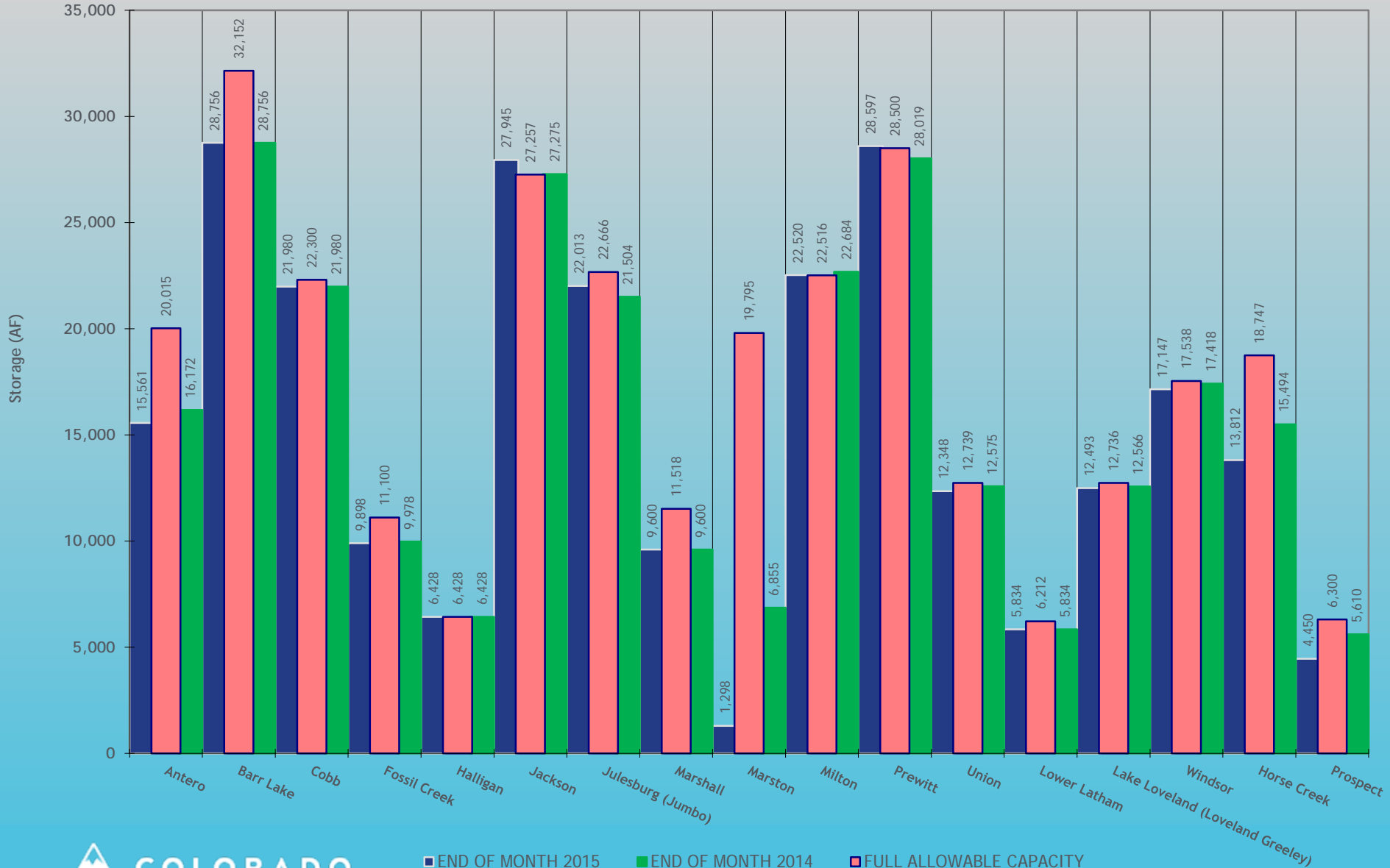
South Platte Reservoir Storage above Kersey*



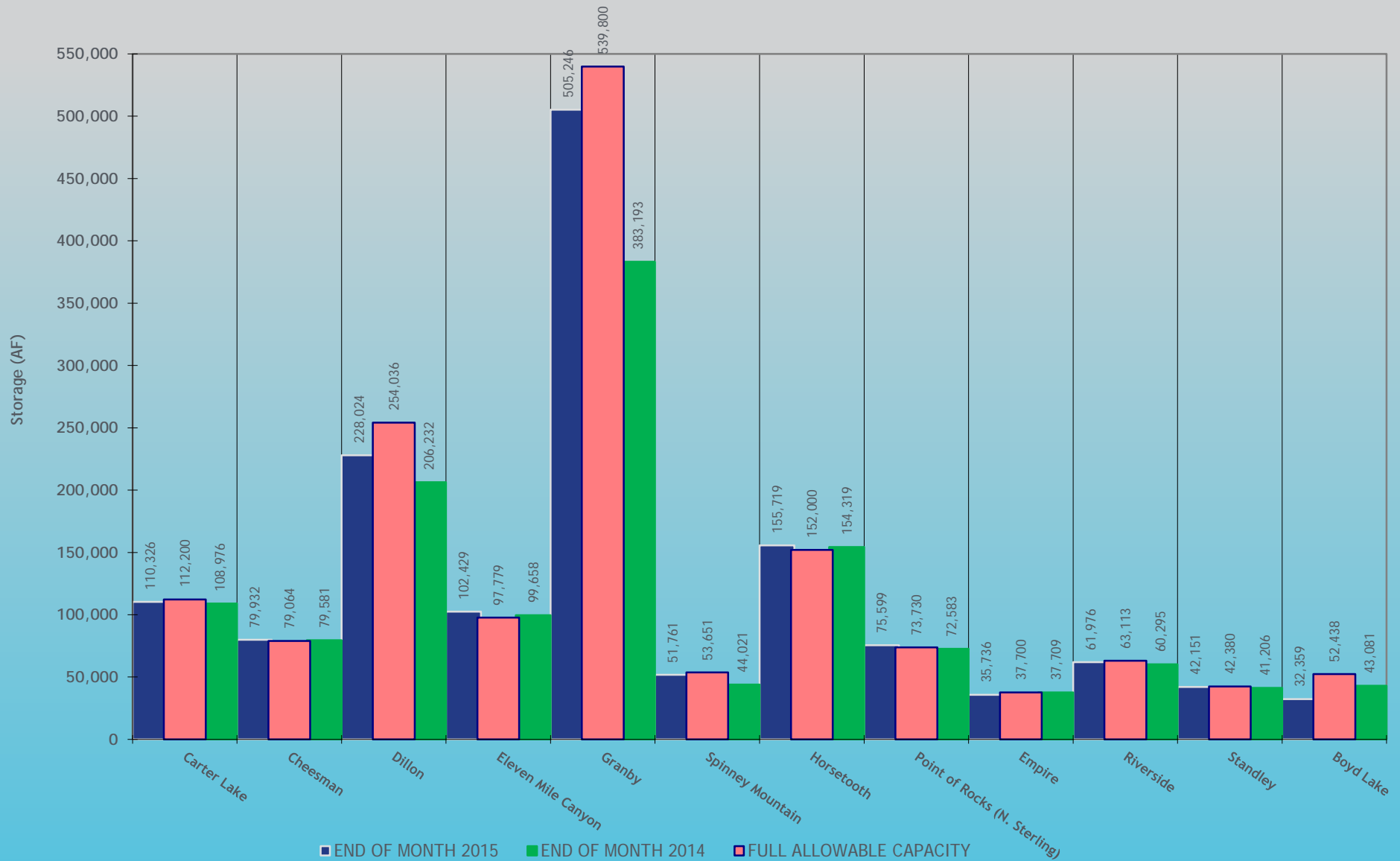
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



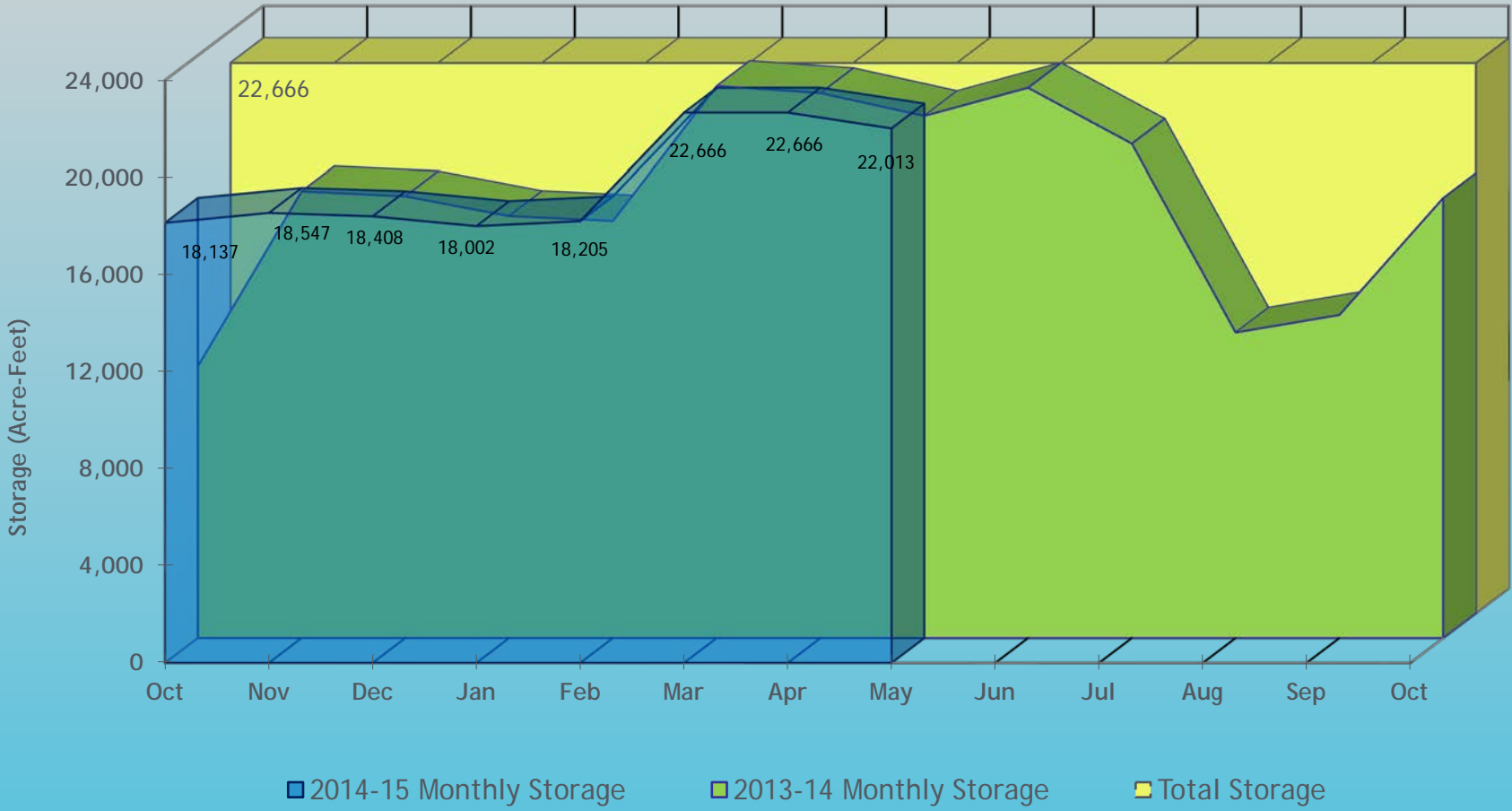
May Reservoir Change in Storage 2014 versus 2015



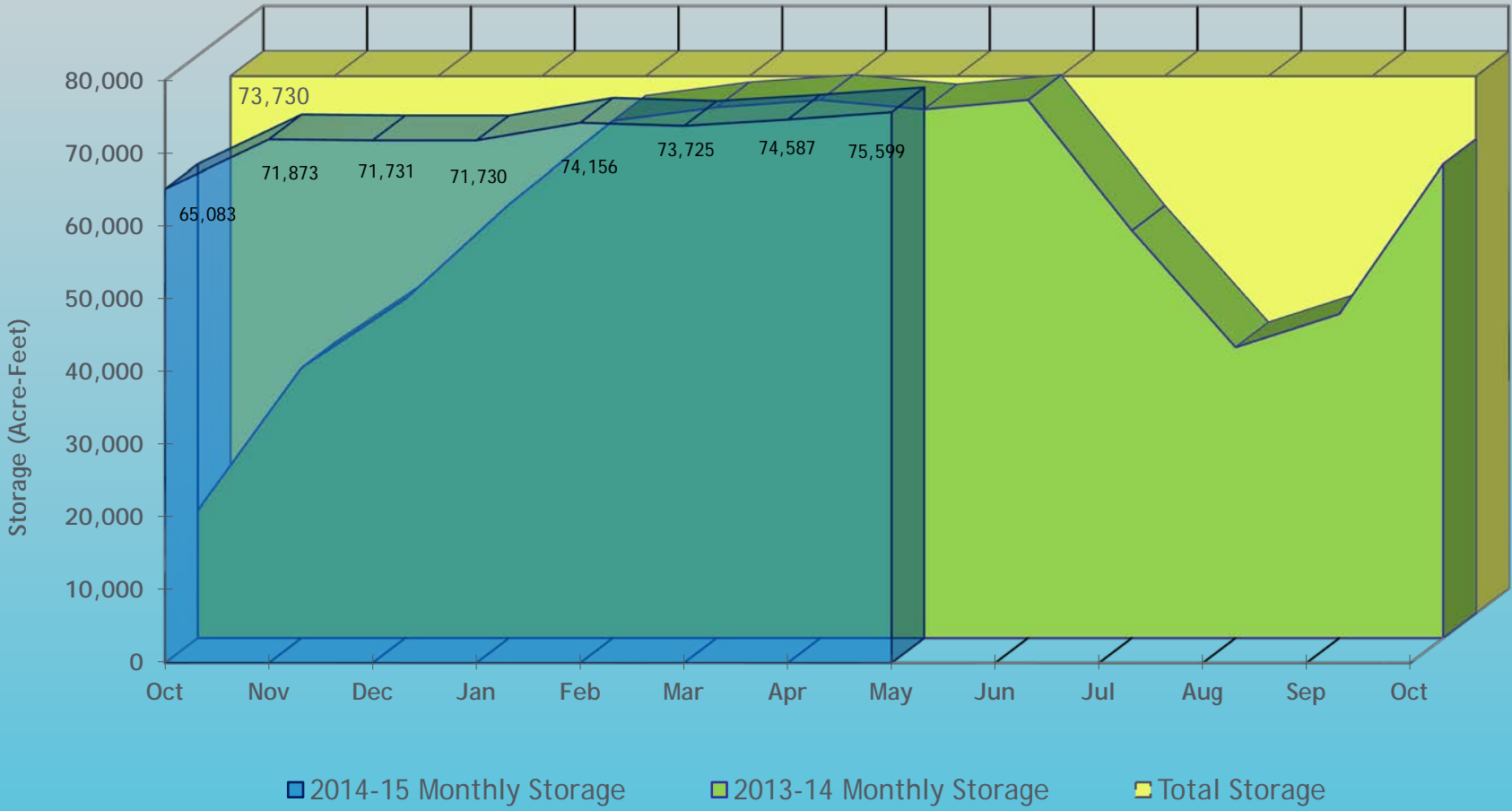
May Reservoir Change in Storage 2014 versus 2015



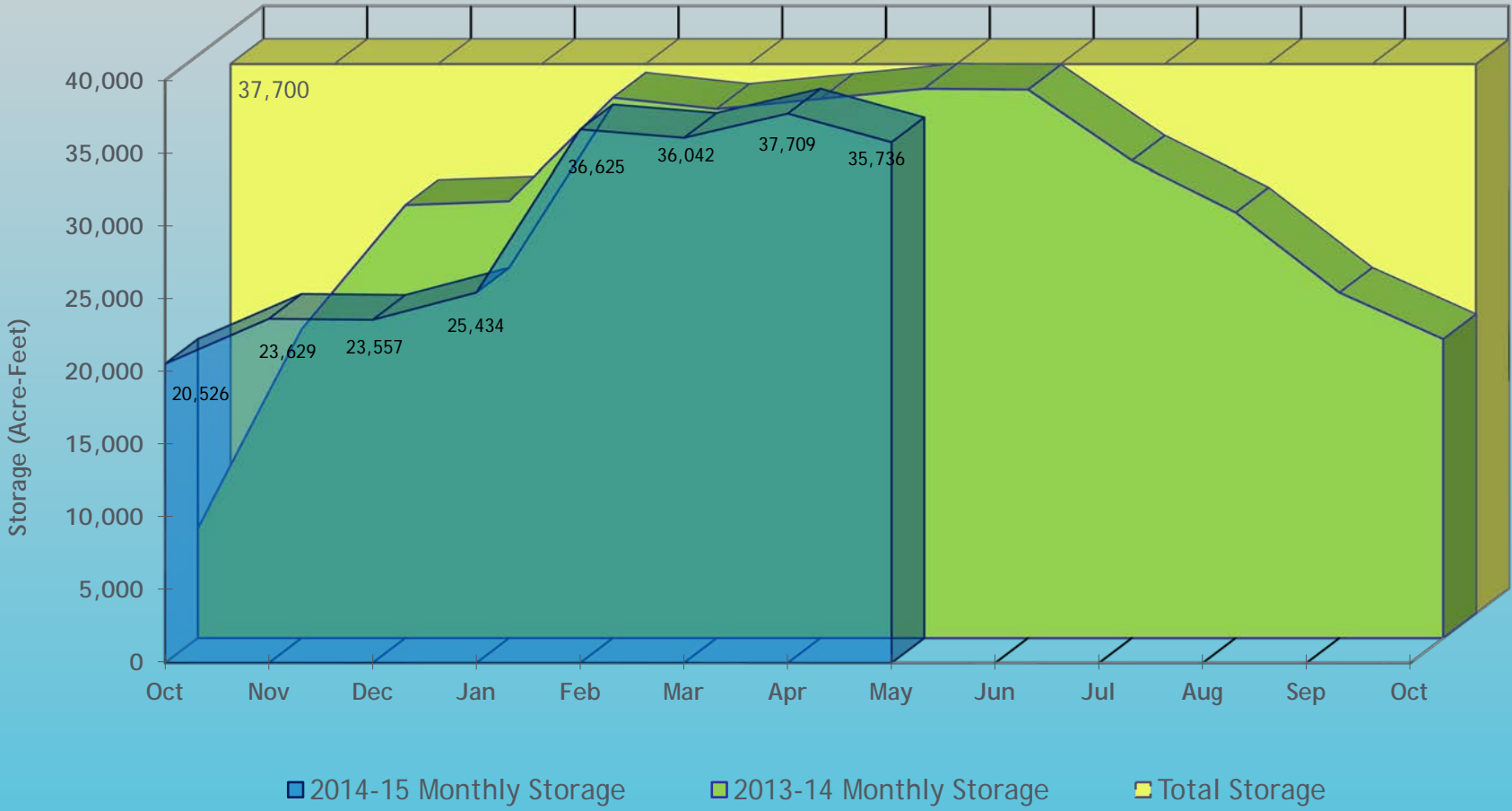
Julesburg Reservoir (District 64 - Agricultural)



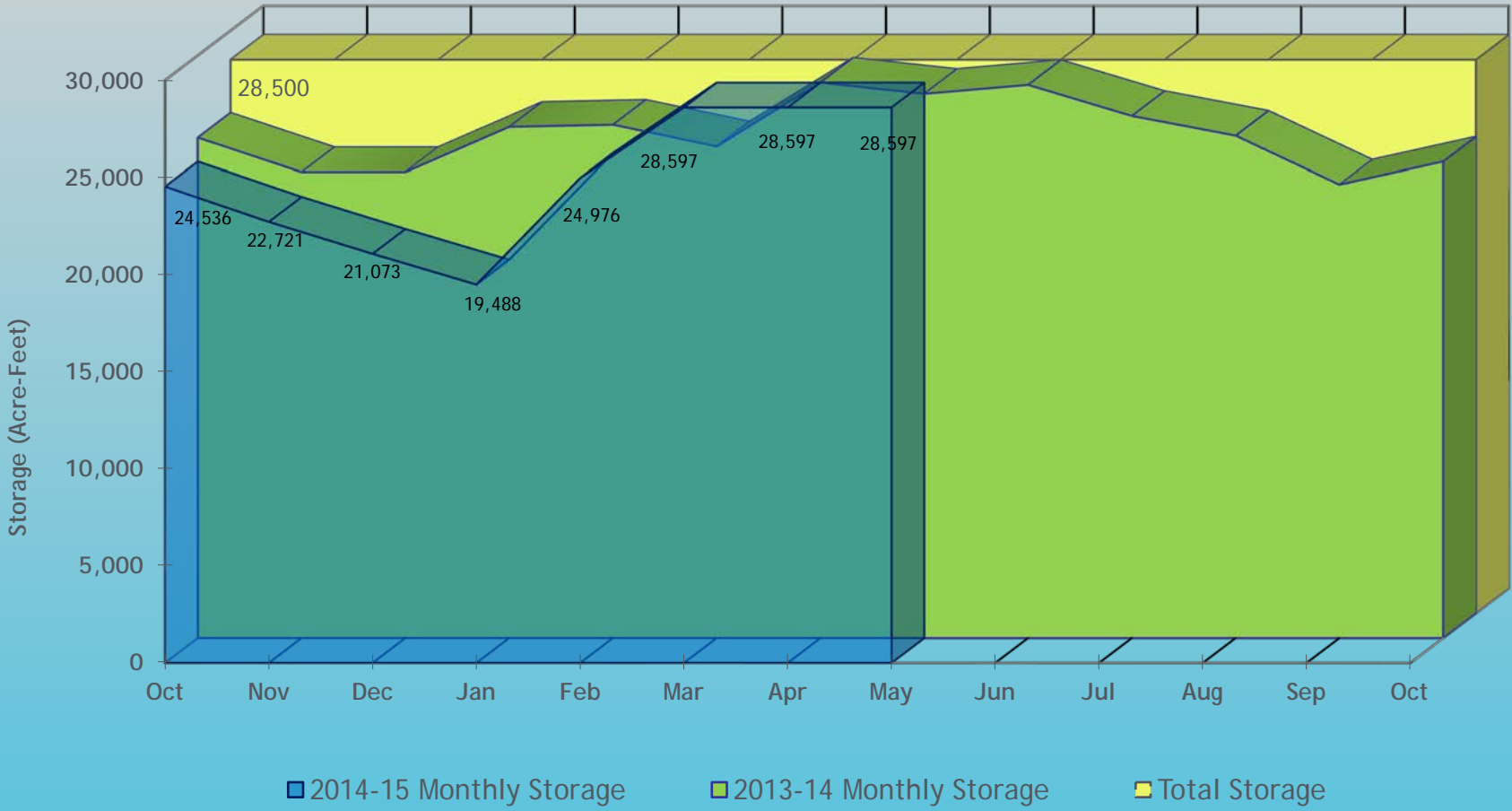
North Sterling Reservoir (District 64 - Agricultural)



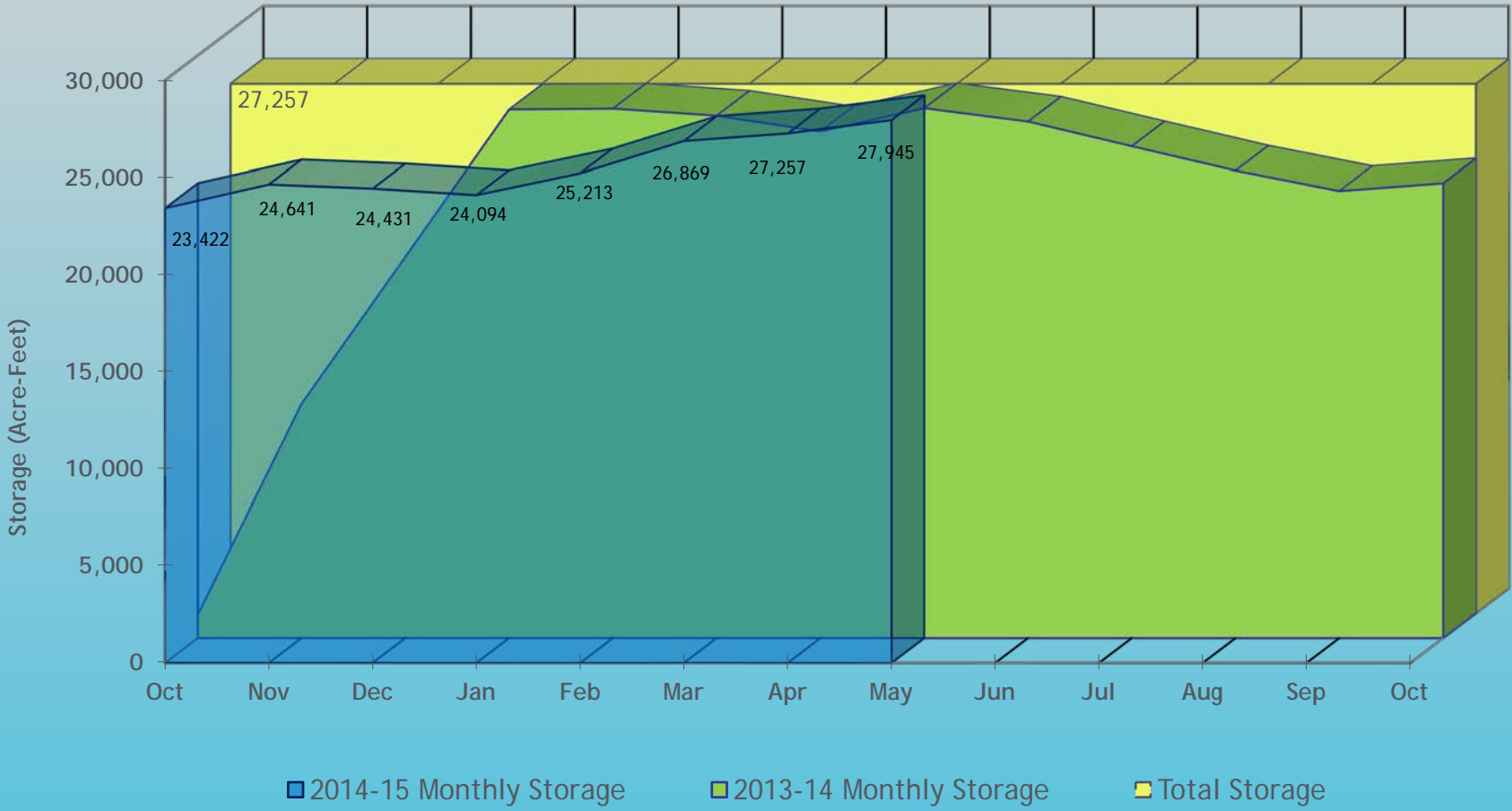
Empire Reservoir (District 1 - Agricultural)



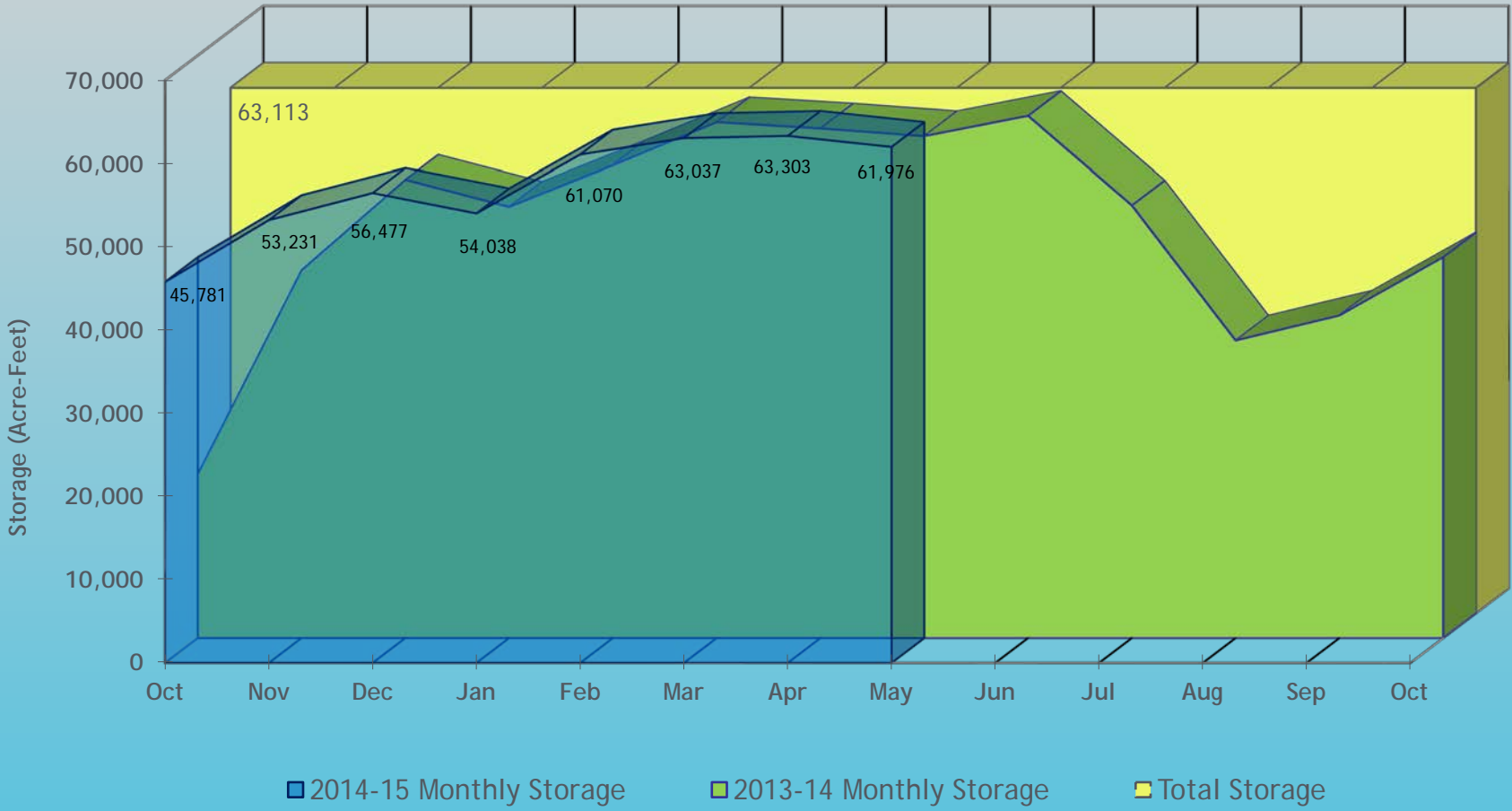
Prewitt Reservoir (District 64 - Agricultural)



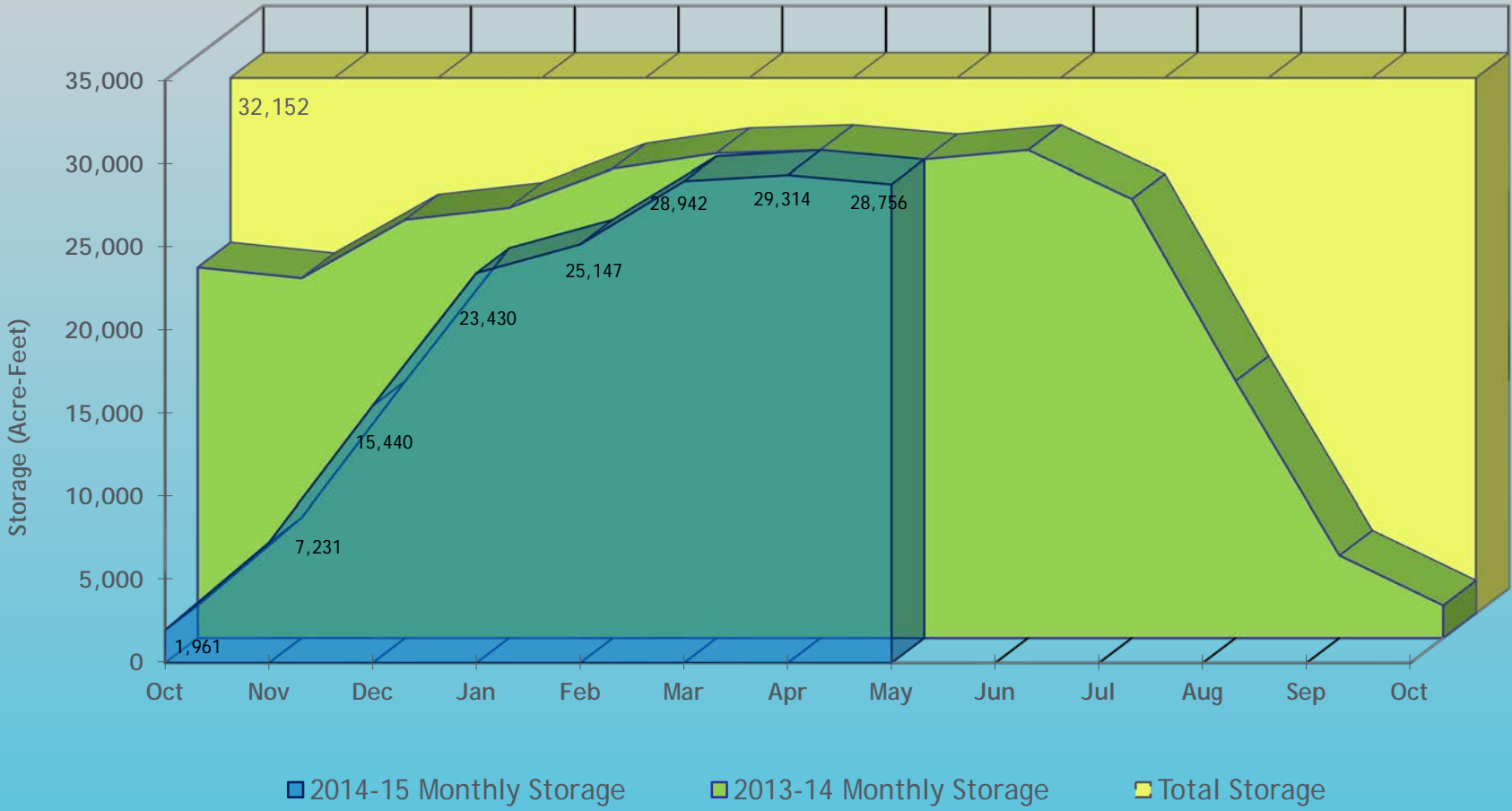
Jackson Reservoir (District 1 - Agricultural)



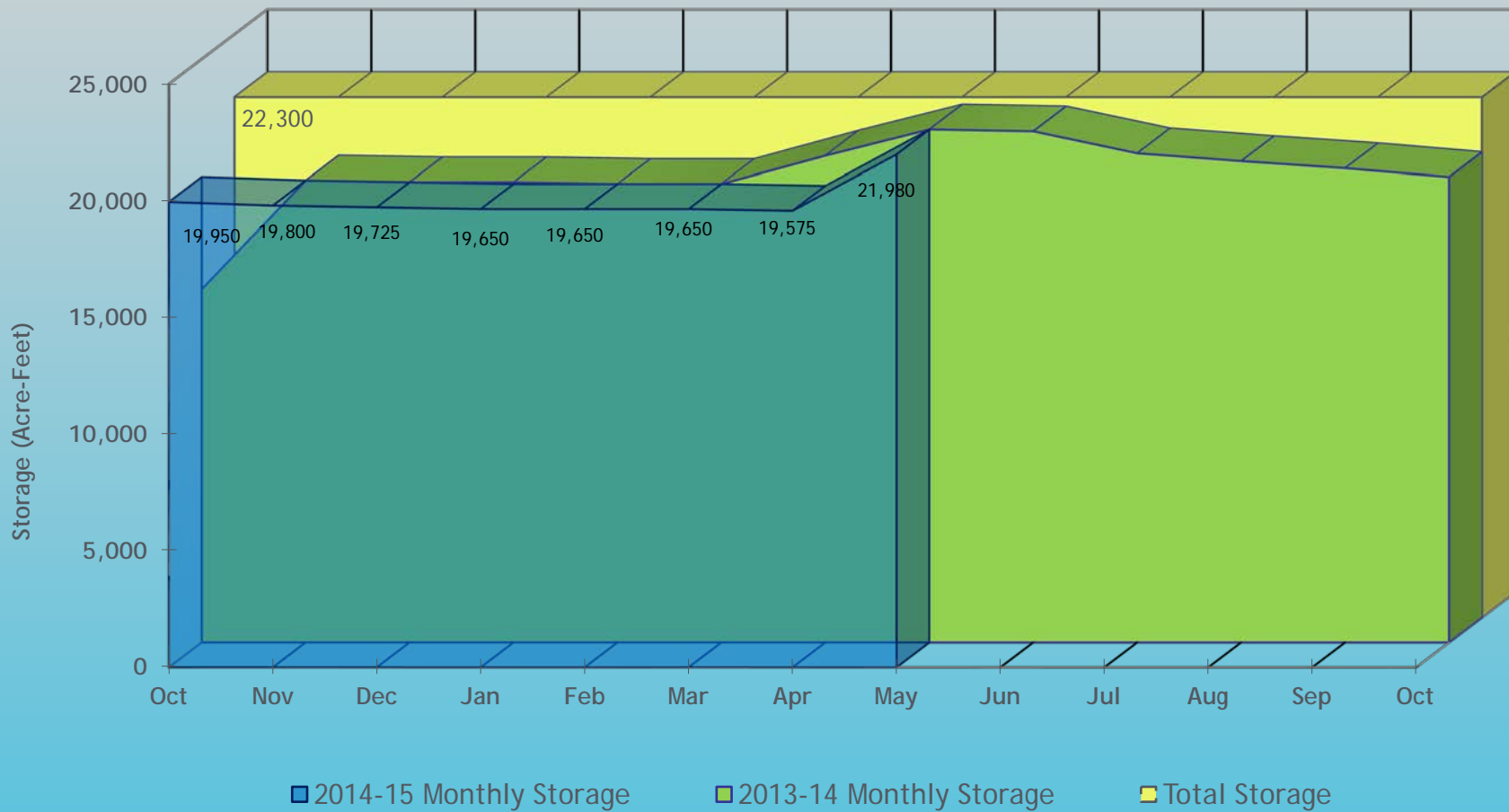
Riverside Reservoir (District 1 - Agricultural)



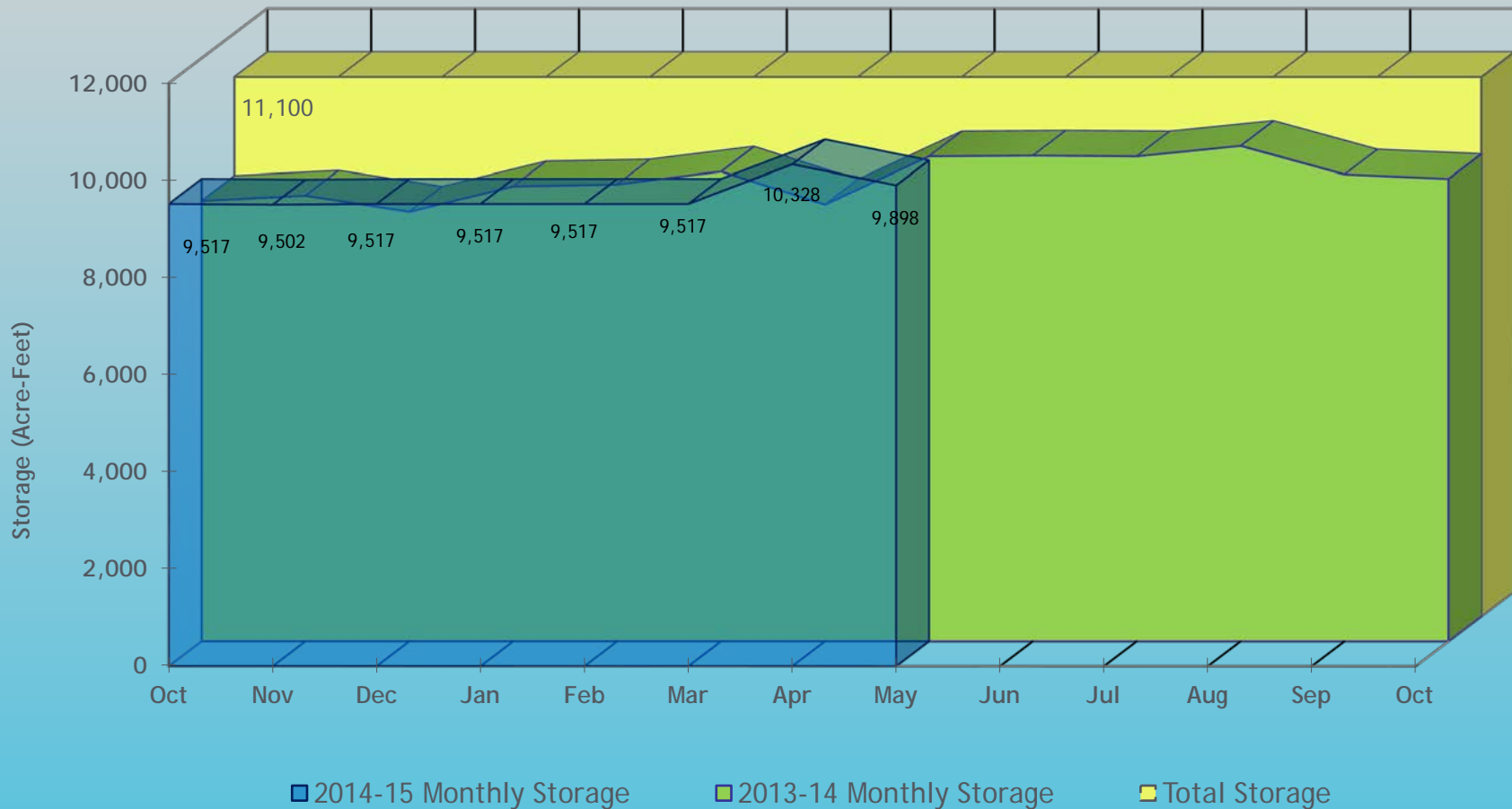
Barr Reservoir (District 2 - Agricultural)



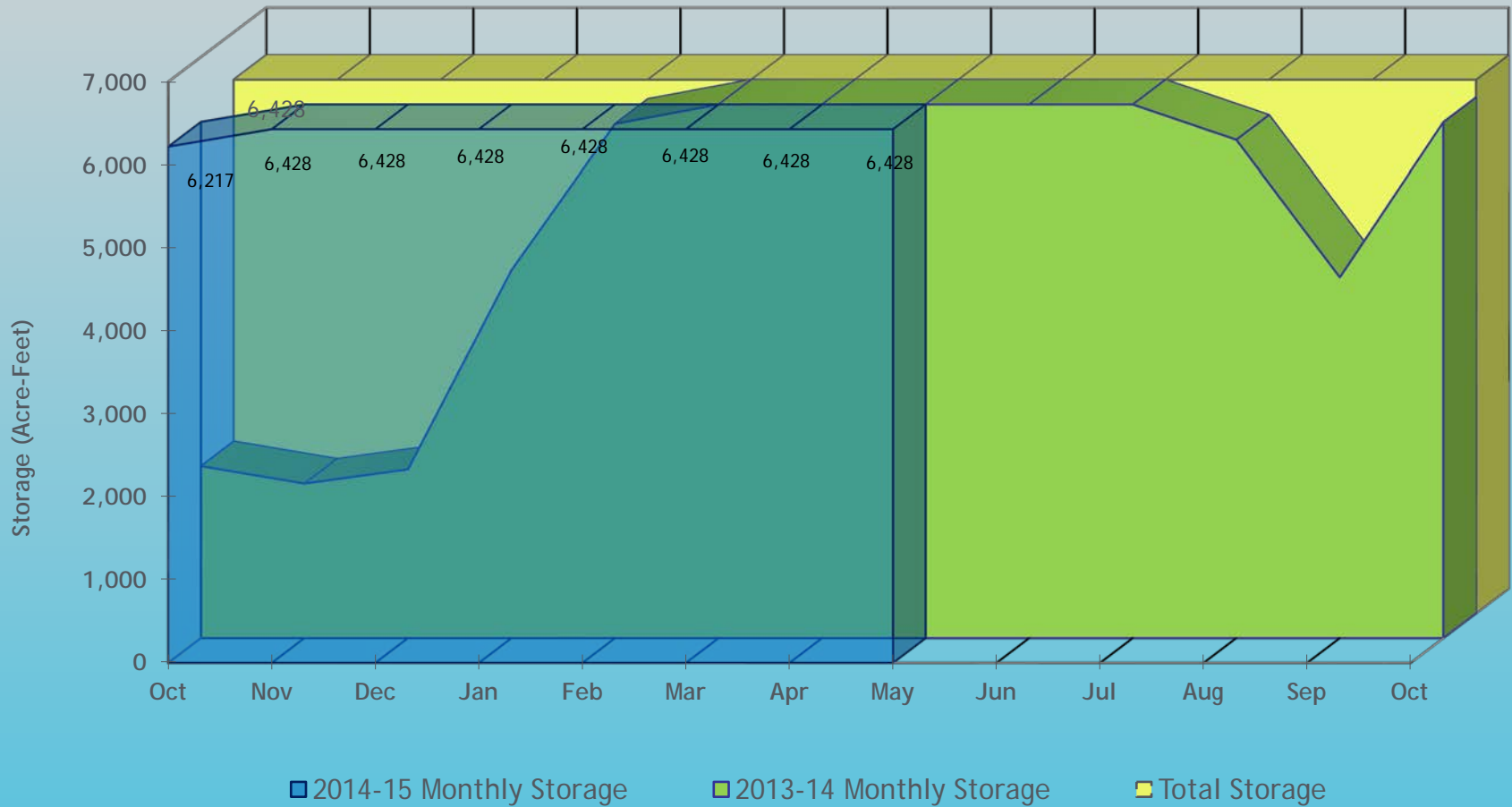
Cobb Reservoir (District 3, Poudre River - Agricultural)



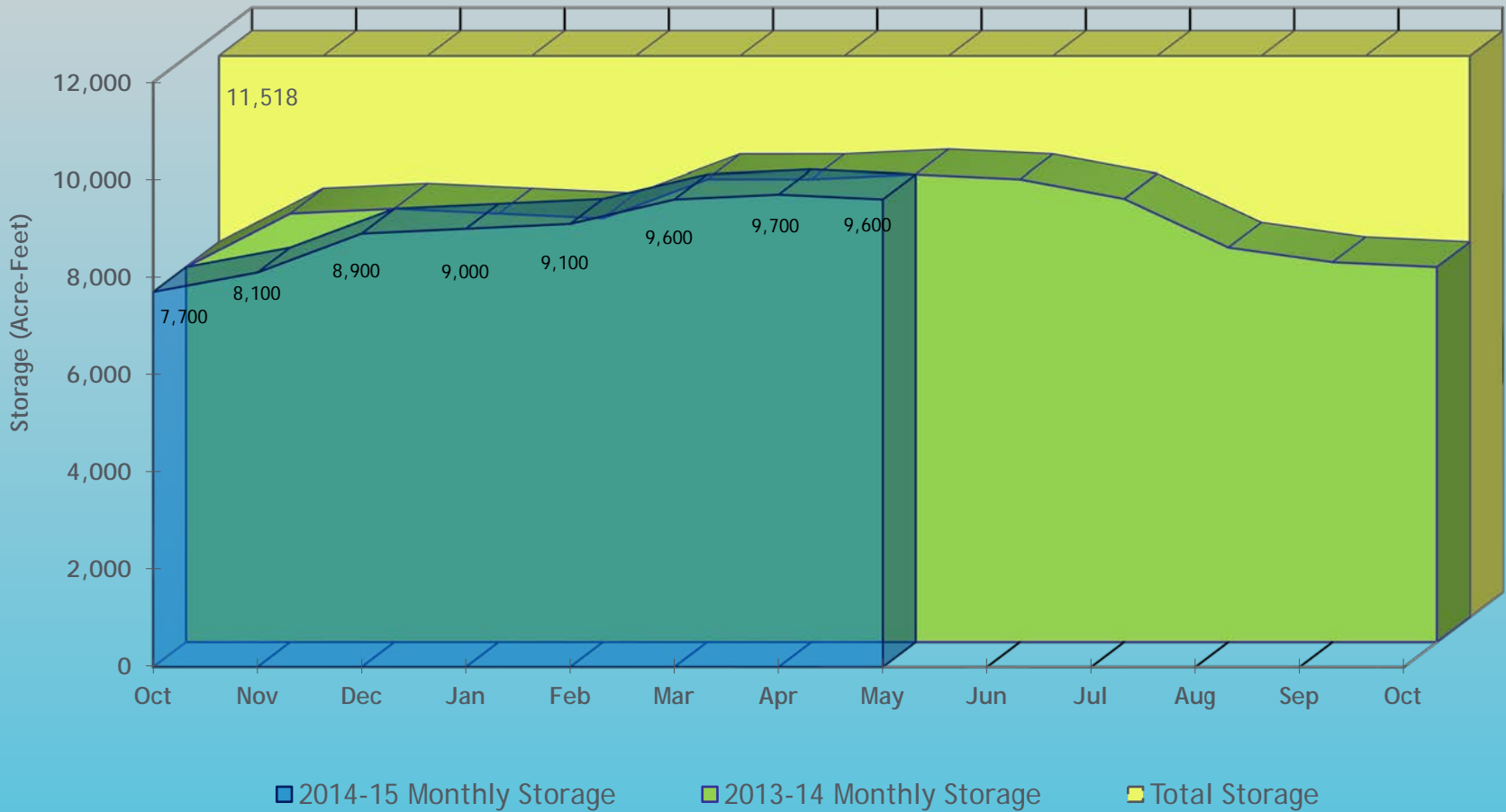
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



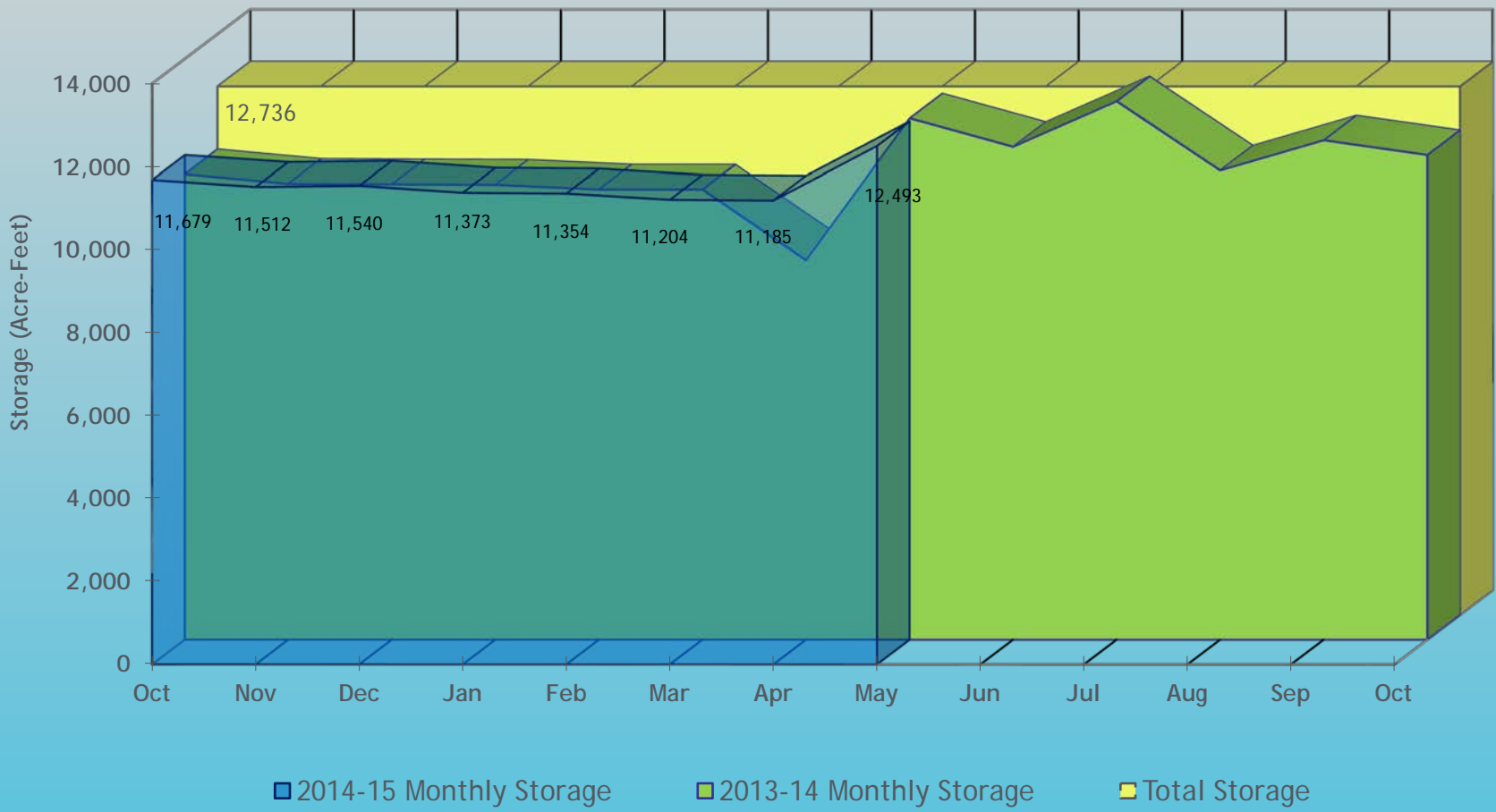
Halligan Reservoir (District 3, Poudre River - Agricultural)



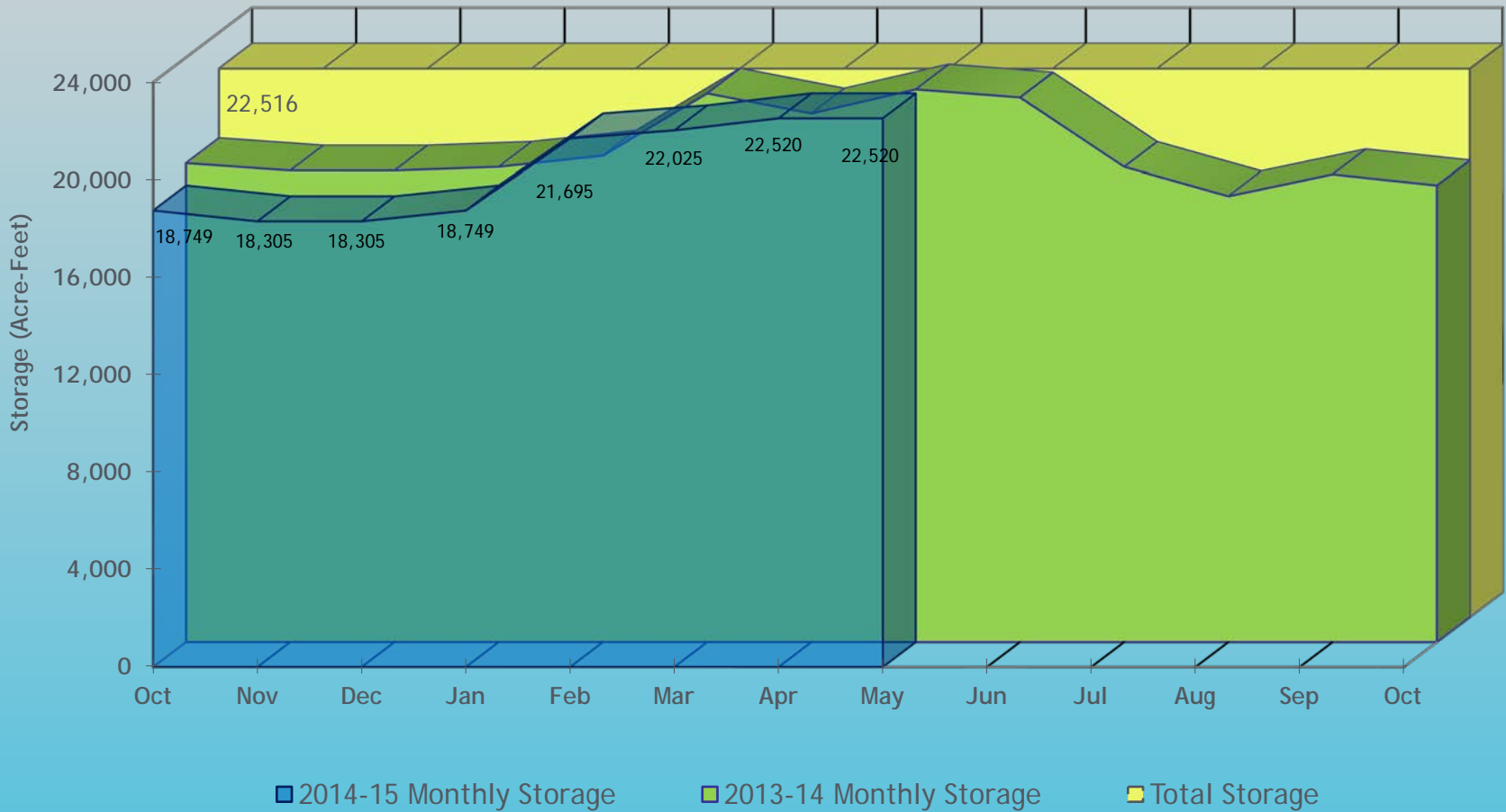
Marshall Lake (District 6, Boulder Creek - Agricultural)



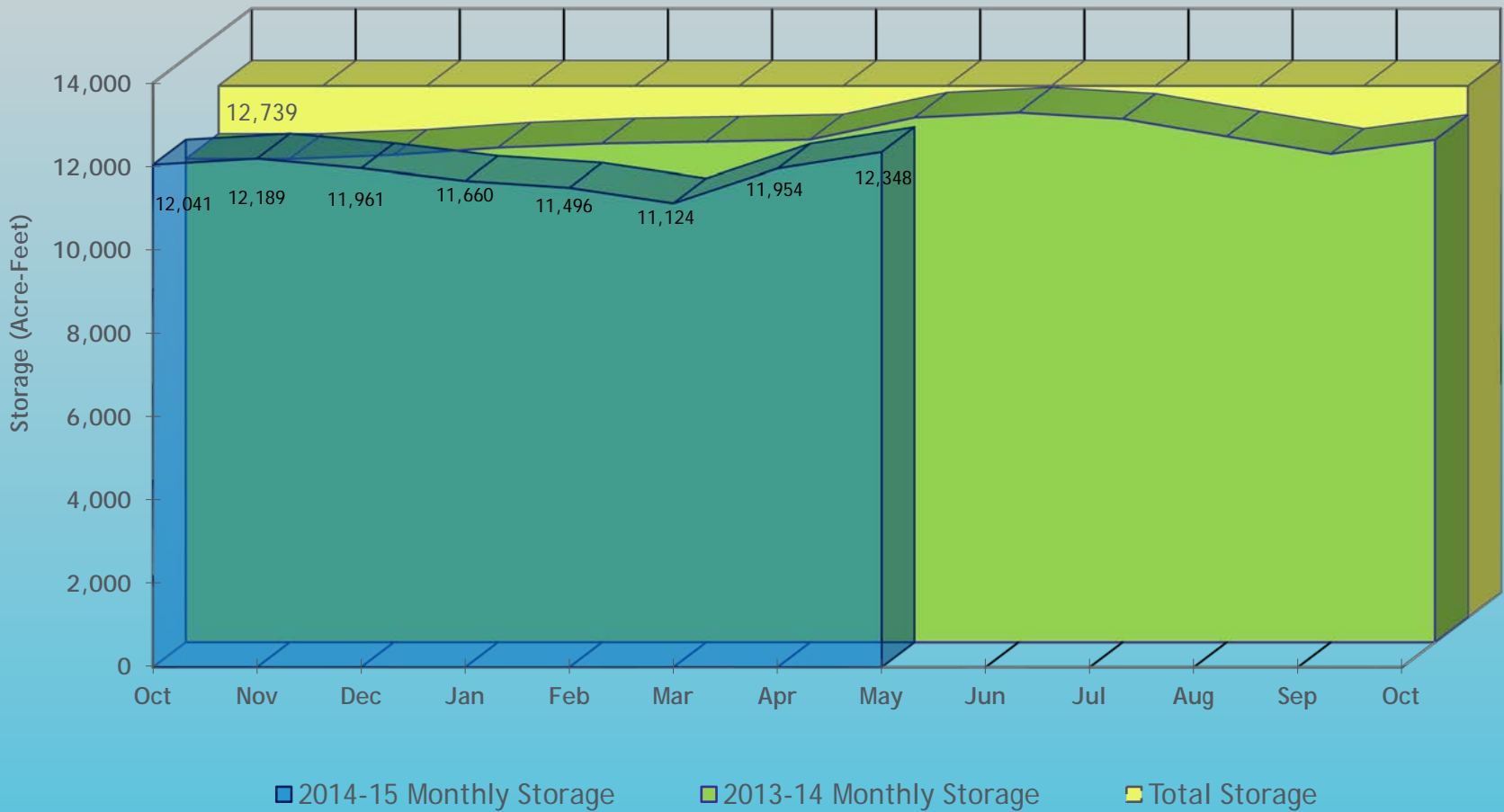
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



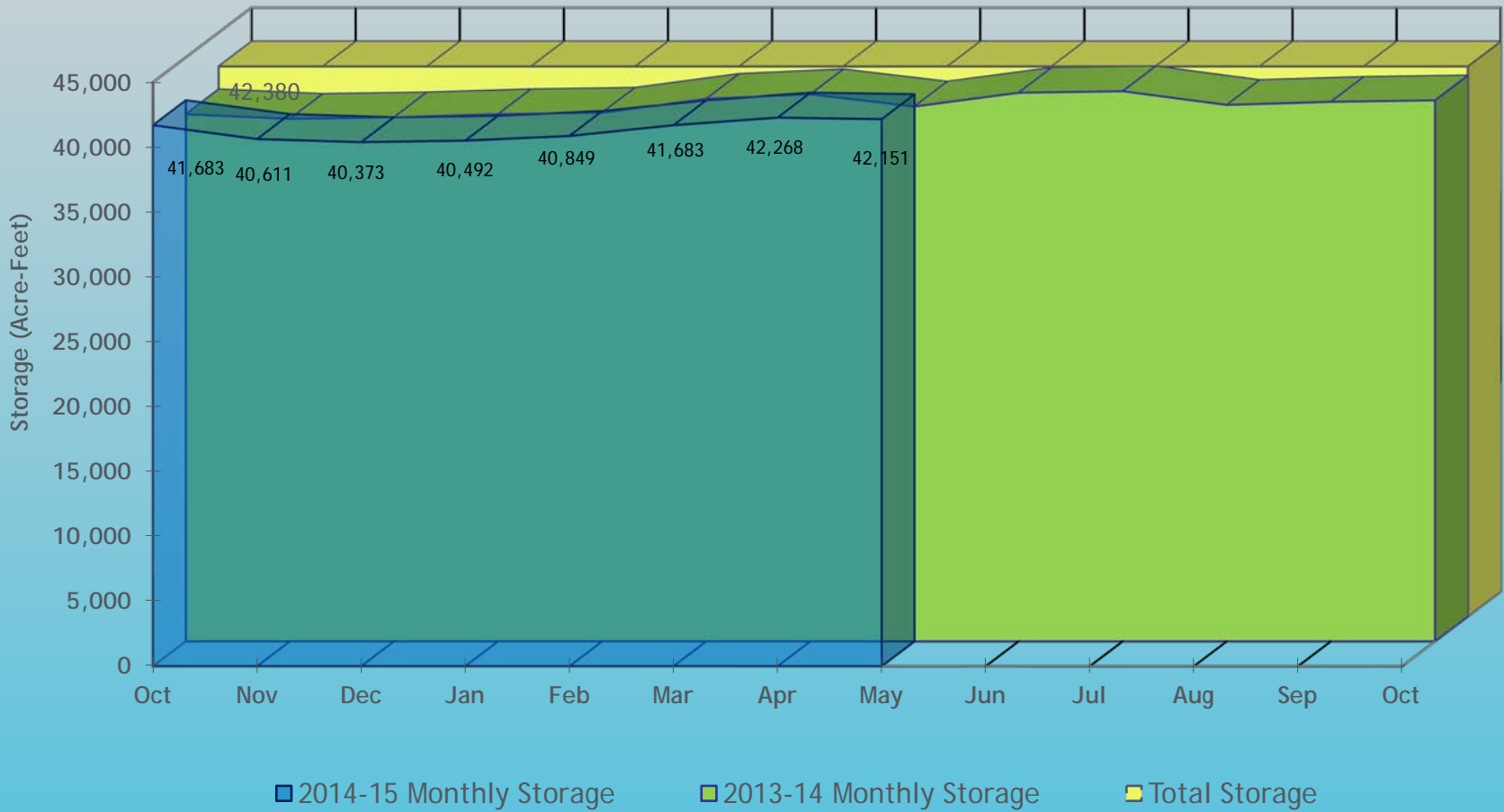
Milton Reservoir (District 2 - Agricultural)



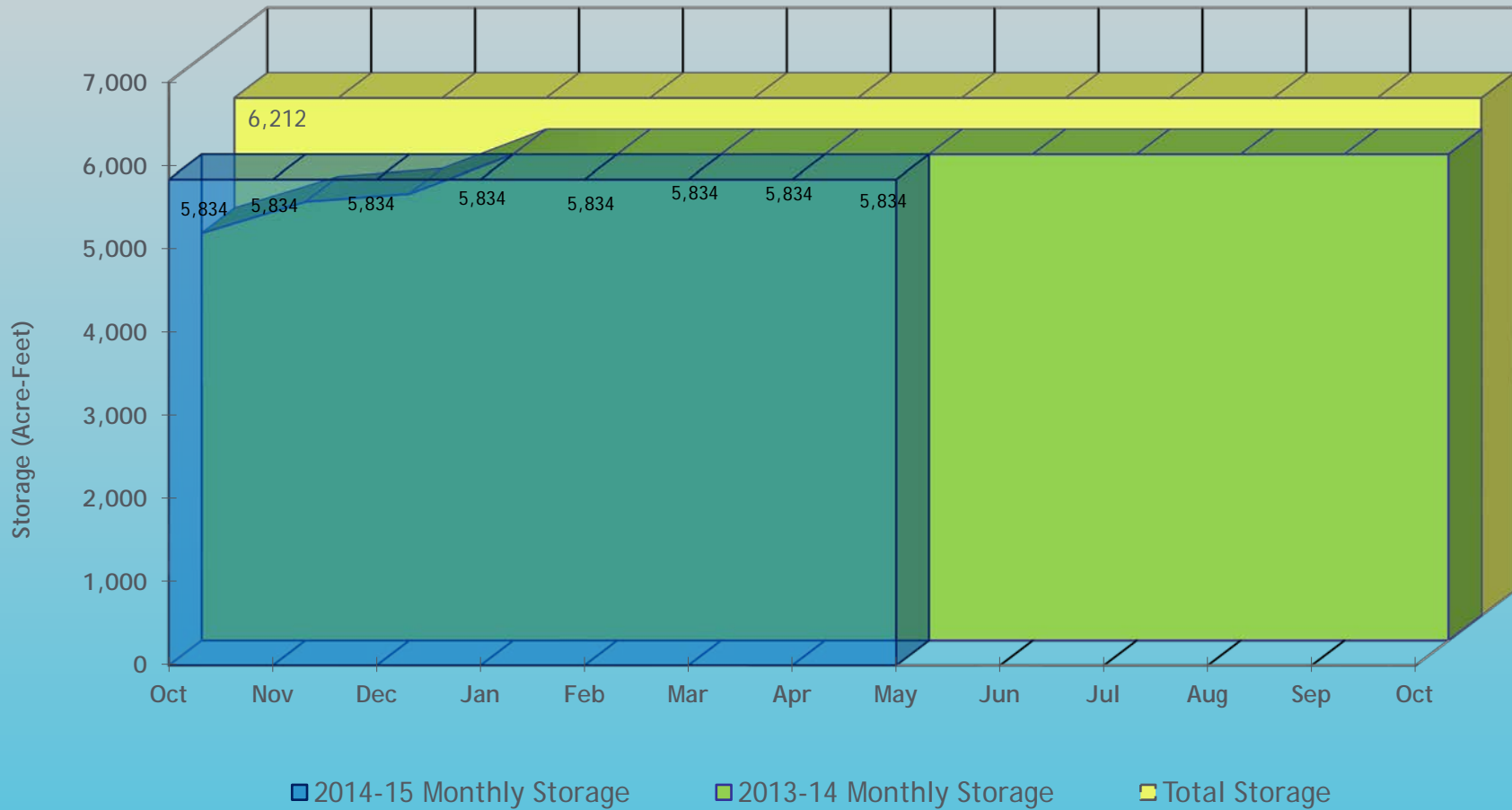
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



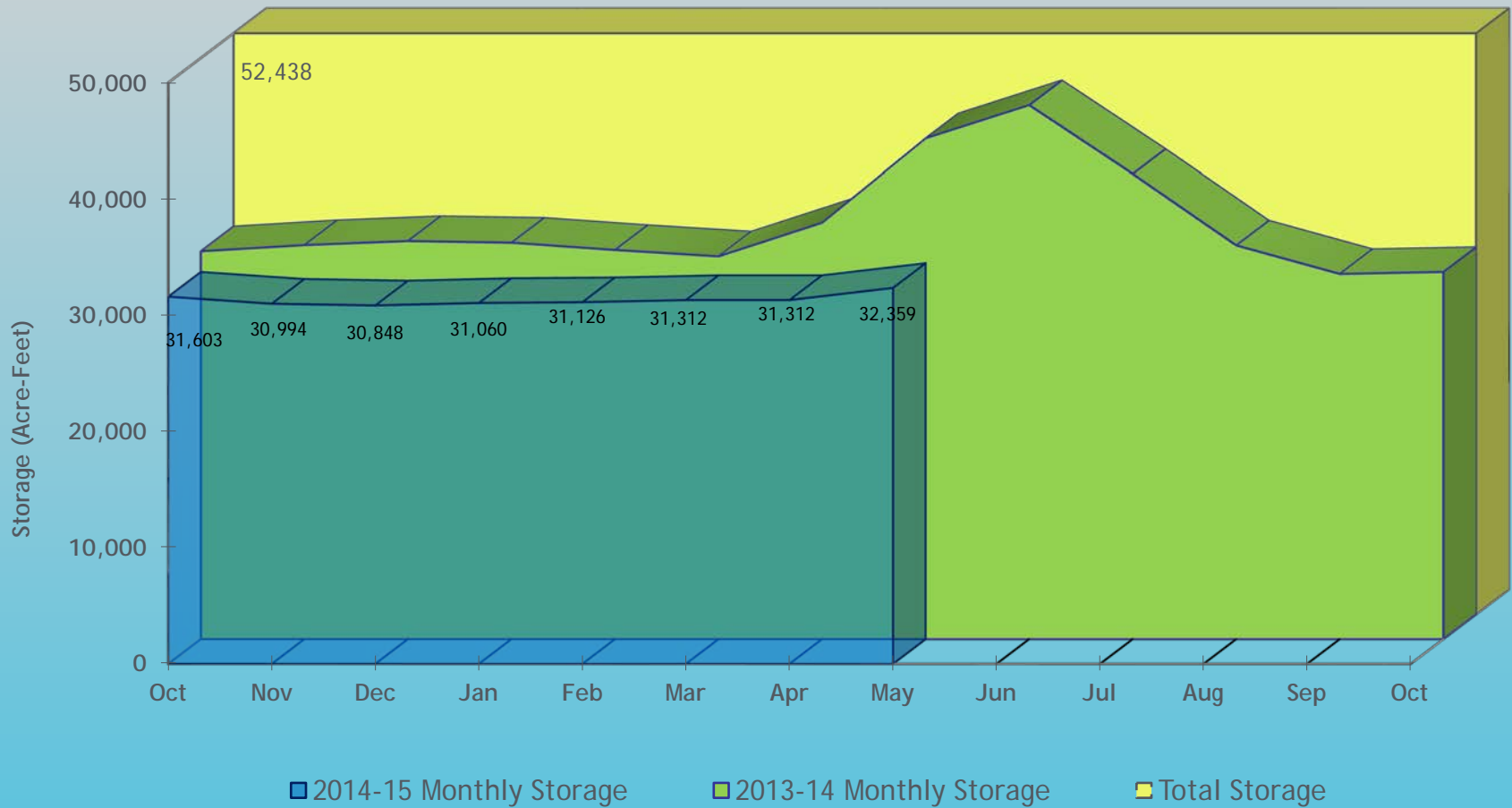
Standley Lake (Agricultural)



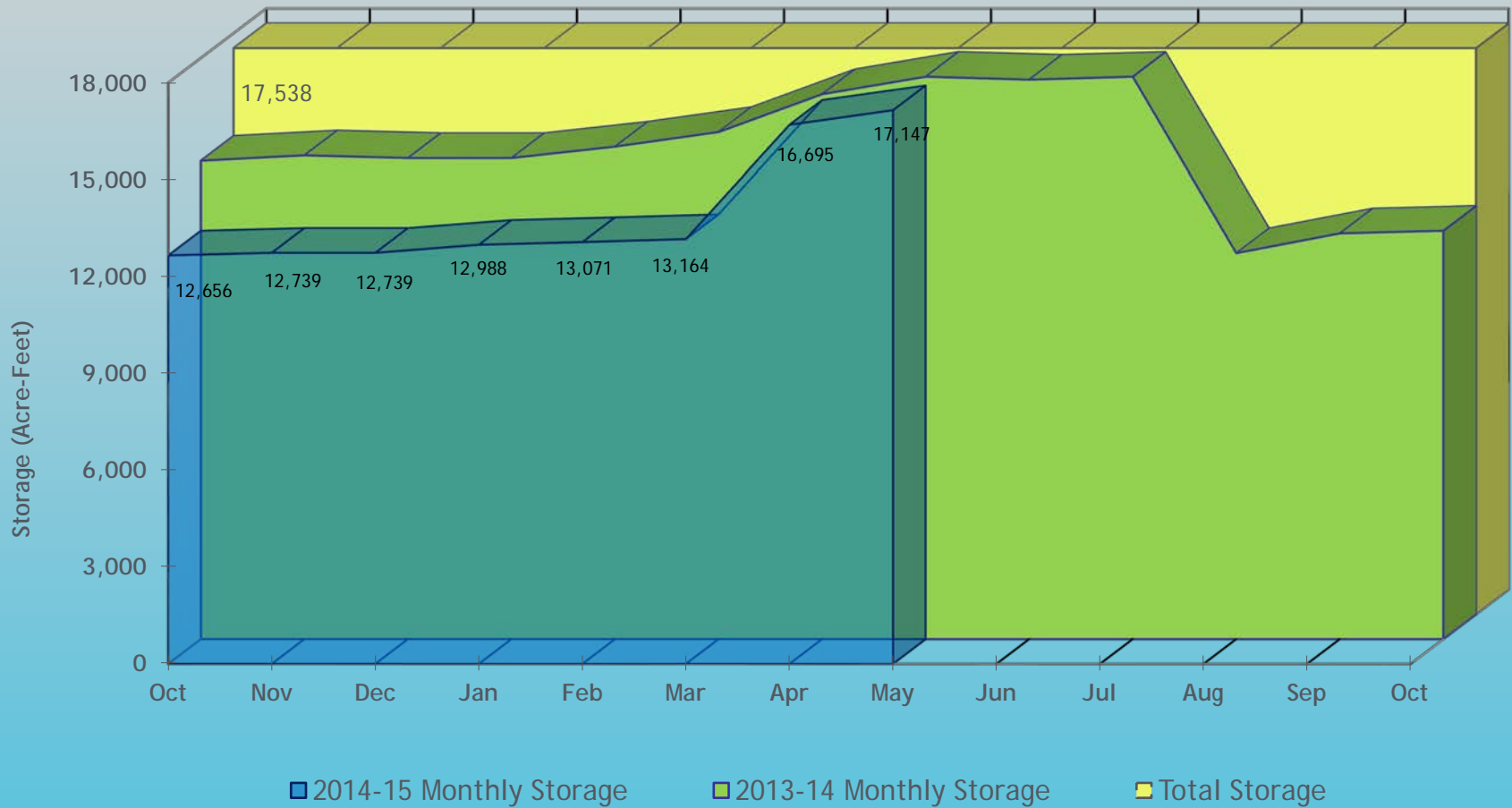
Lower Latham Reservoir (District 2 - Agricultural)



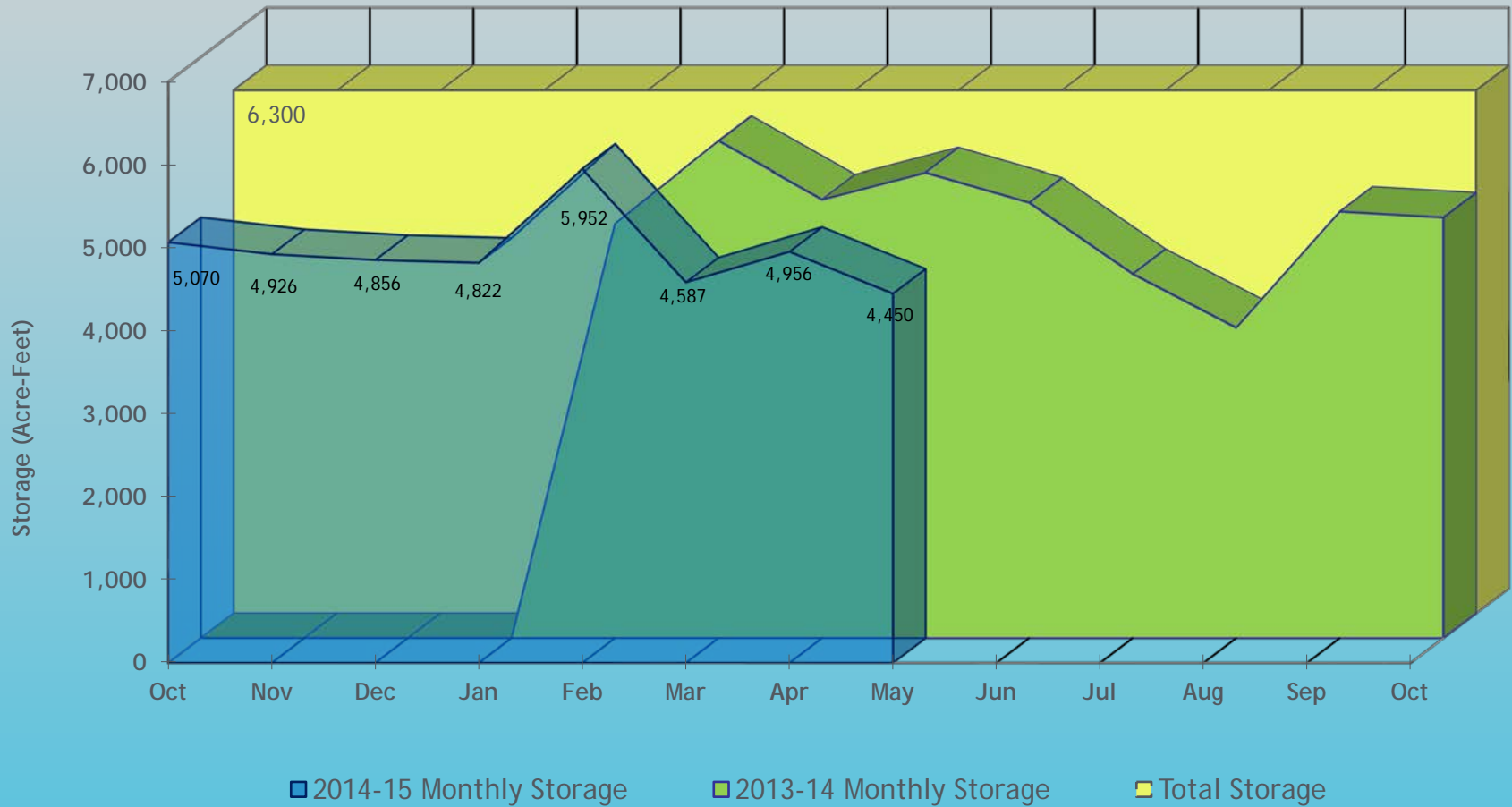
Boyd Lake (District 4, Big Thompson River - Agricultural)



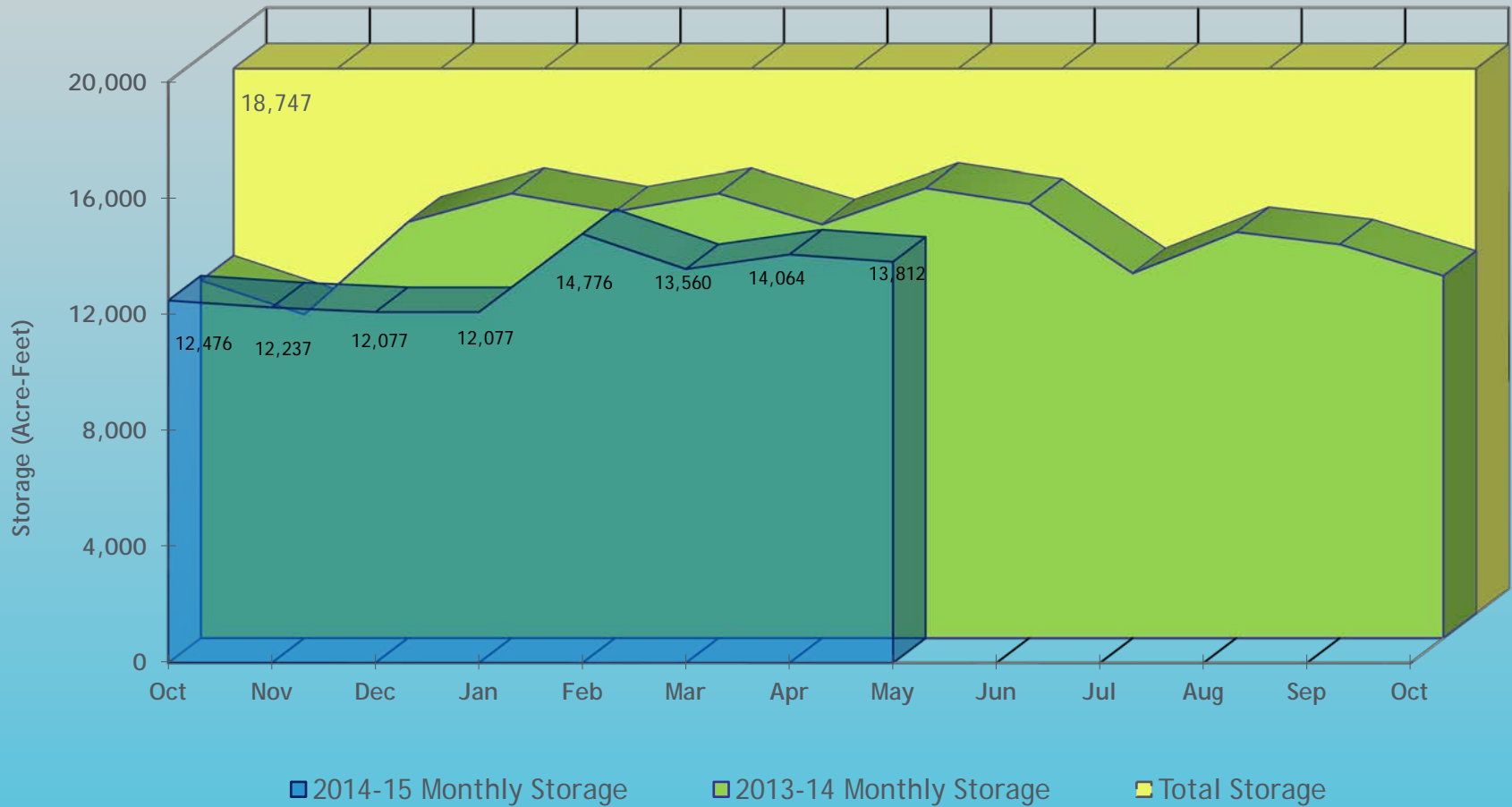
Windsor Reservoir (District 3, Poudre River - Agricultural)



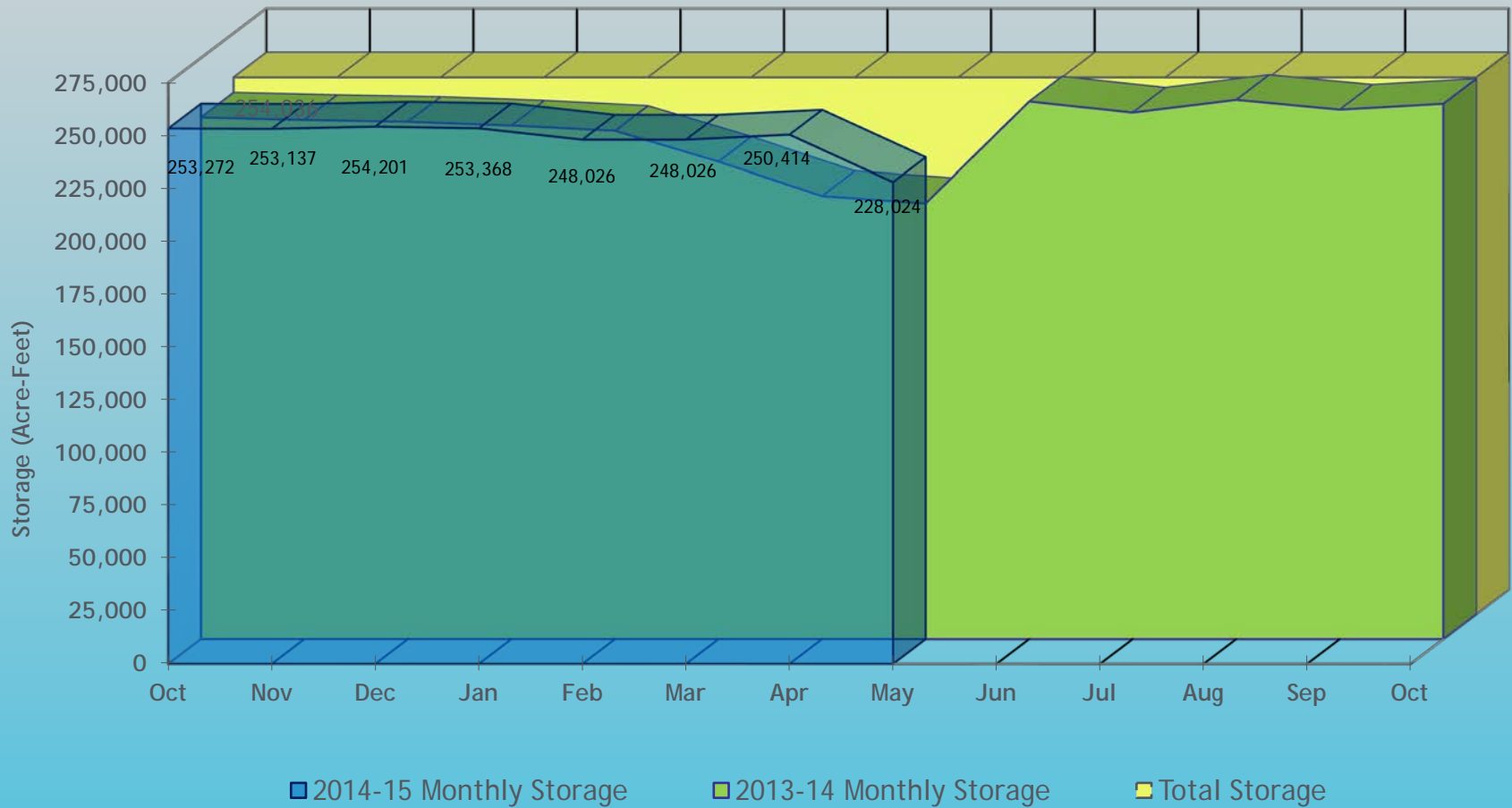
Prospect Reservoir (District 1 - Agricultural)



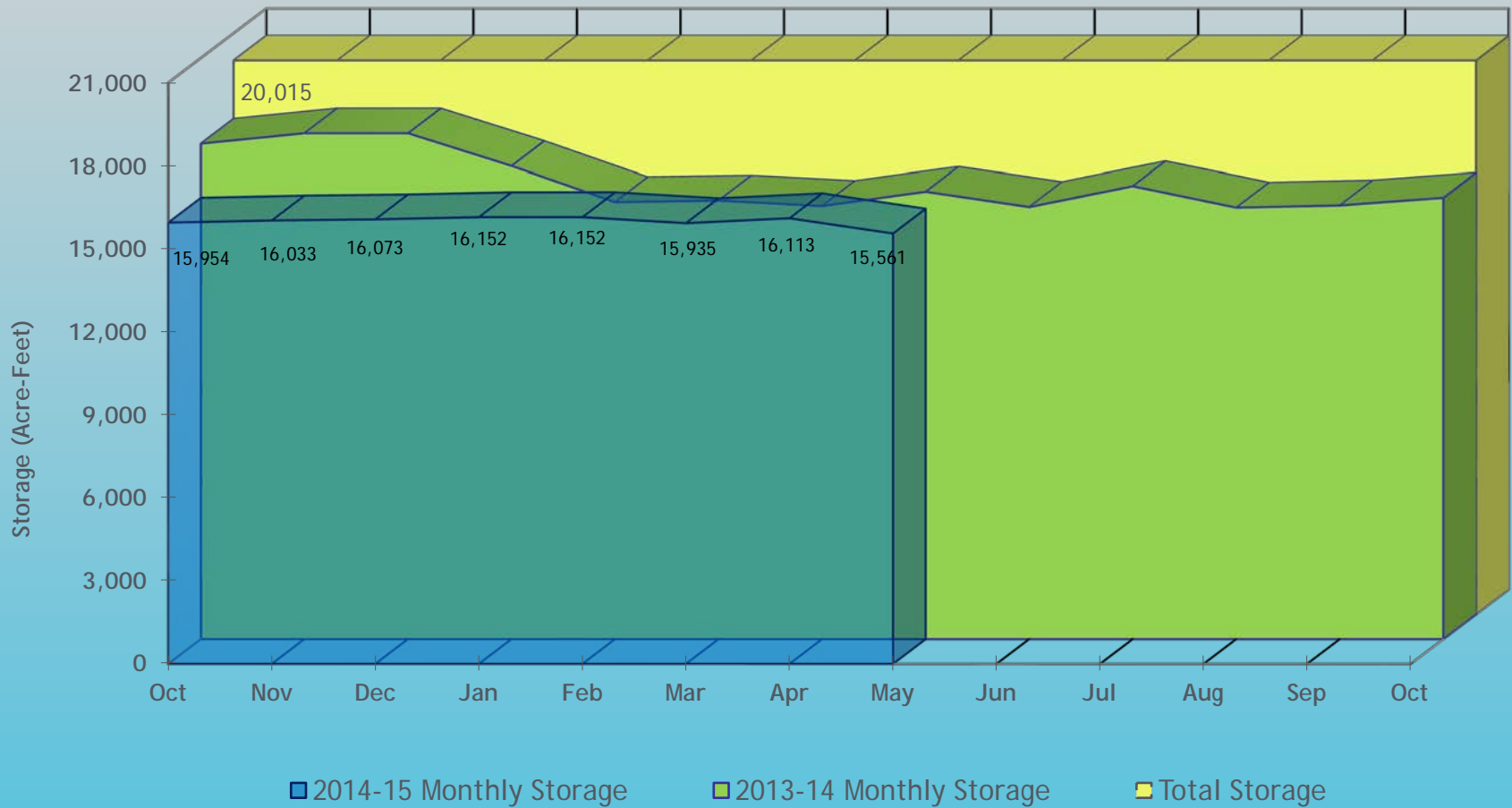
Horse Creek Reservoir (District 1 - Agricultural)



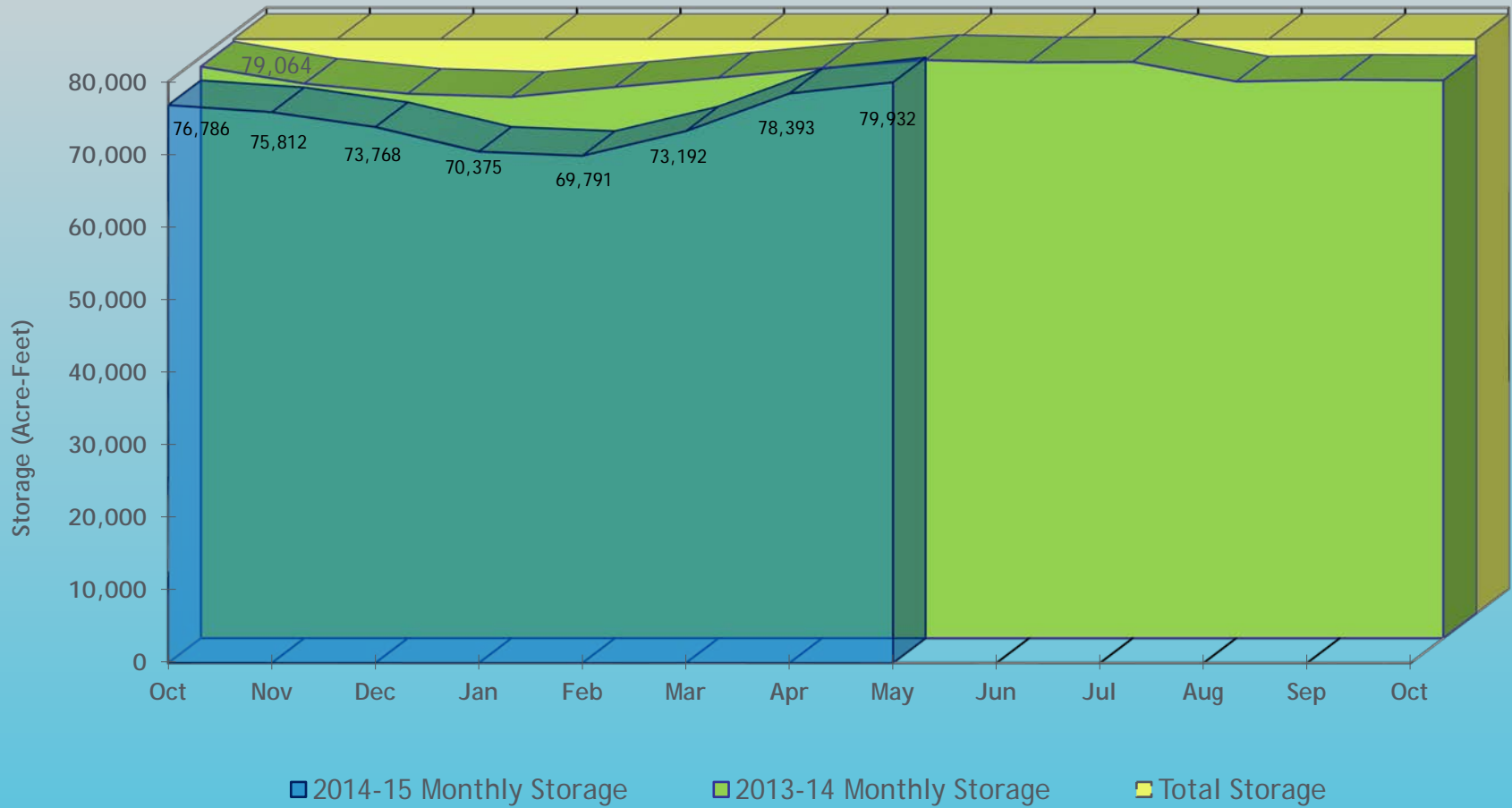
Dillon Reservoir (District 1 - Municipal)



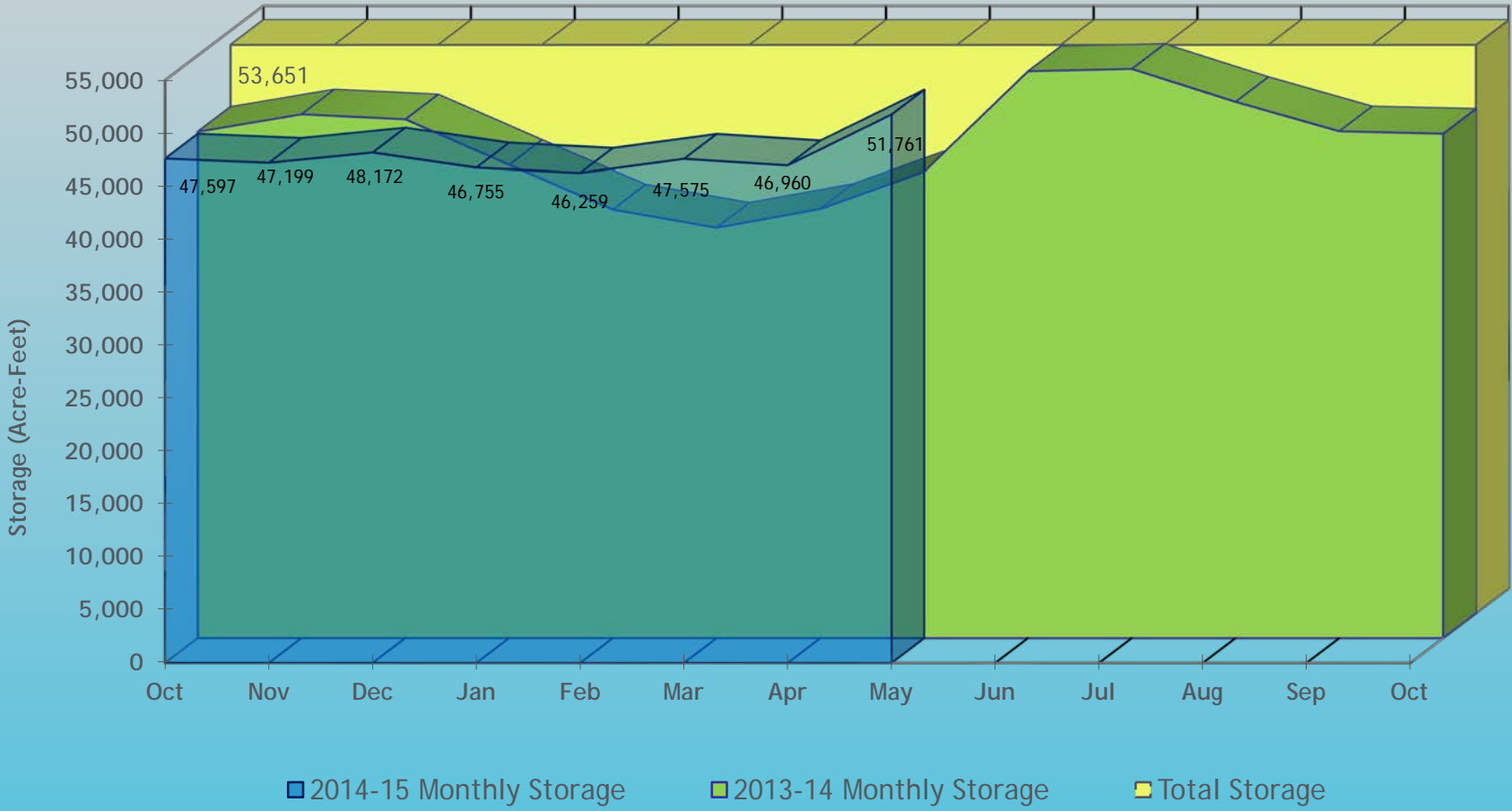
Antero Reservoir (District 23 - Municipal)



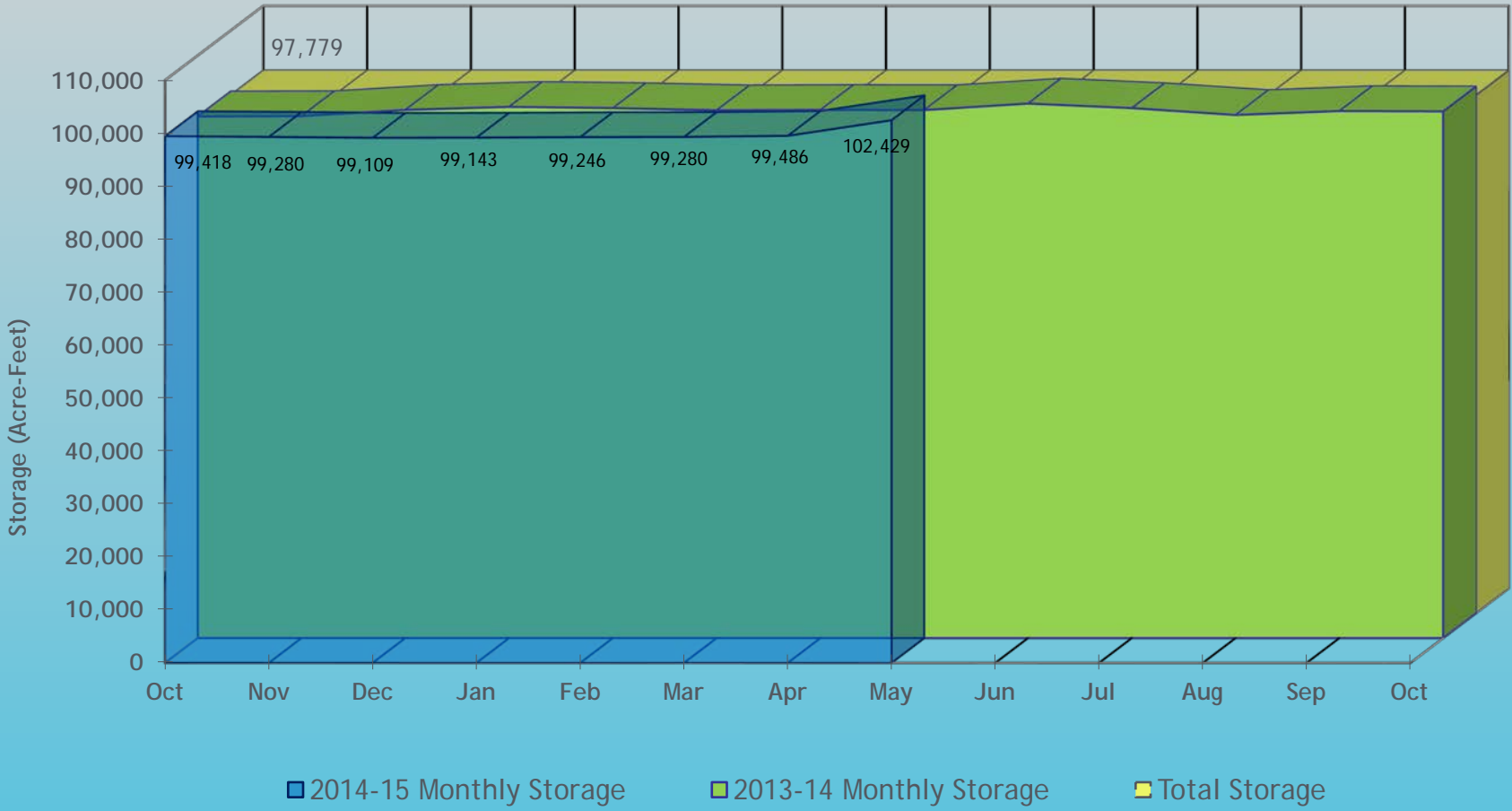
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

