



COLORADO
Department of Natural Resources

South Platte Summary September 2015

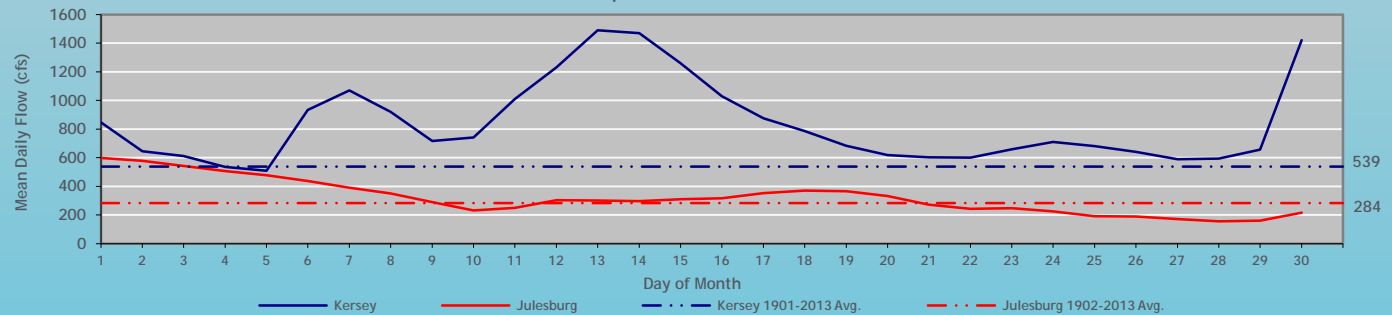
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

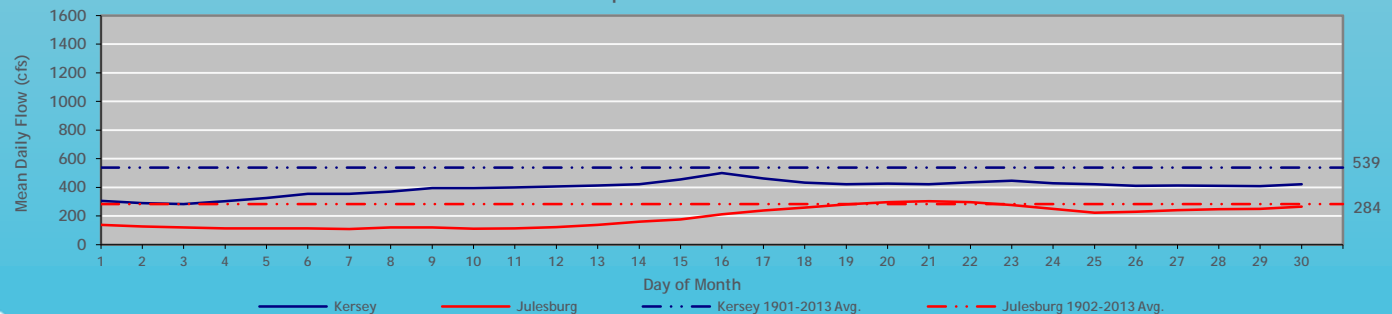
MONTH OF September 2015

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	13,612	11,531	64	-2,081	-15%	51%	59%	0
N STERLING	73,730	34,114	17,838	64	-16,276	-48%	24%	60%	0
PREWITT	28,500	24,101	21,174	64	-2,927	-12%	74%	82%	0
JACKSON	27,257	21,951	20,520	1	-1,431	-7%	75%	84%	0
EMPIRE	37,700	26,524	20,757	1	-5,767	-22%	55%	63%	0
RIVERSIDE	63,113	34,153	27,821	1	-6,332	-19%	44%	61%	0
BARR LAKE	32,152	22,598	15,825	2	-6,773	-30%	49%	15%	0
CHEESMAN	79,064	76,102	70,440	80	-5,662	-7%	89%	97%	0
ELEVEN MILE	97,779	99,280	100,071	23	791	1%	100%	100%	2,292
SPINNEY	53,651	47,850	42,106	23	-5,744	-12%	78%	89%	0
ANTERO	20,015	22	14	23	-8	-36%	0%	78%	0

KERSEY and JULESBURG
September 2014



KERSEY and JULESBURG
September 2015

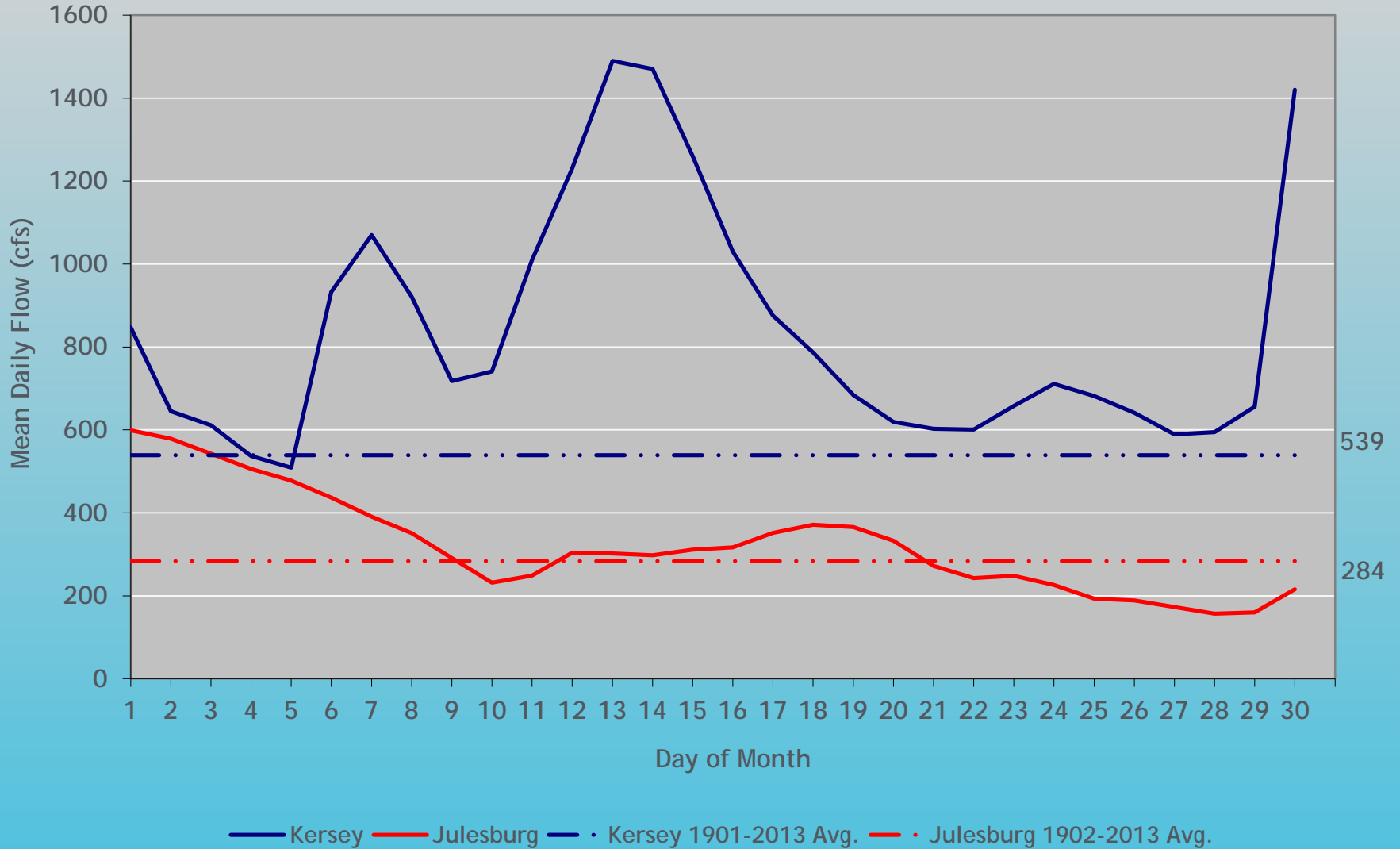


RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	398
JULESBURG	193
THIS MONTH LAST YEAR	
KERSEY	838
JULESBURG	323
MEAN FOR PERIOD OF RECORD*	
KERSEY	539
JULESBURG	284

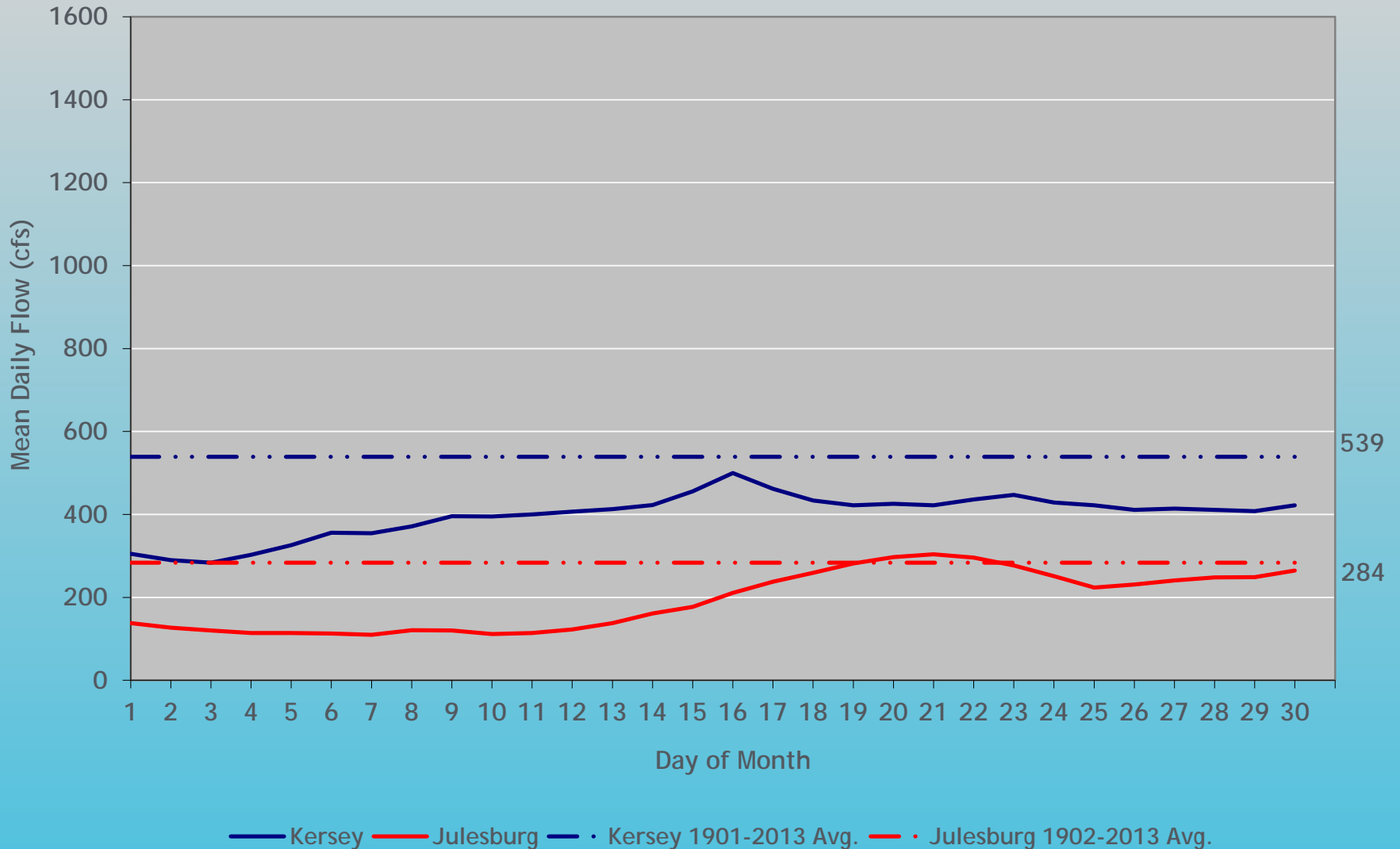
*Kersey 1901 - 2013

*Julesburg 1902 - 2013

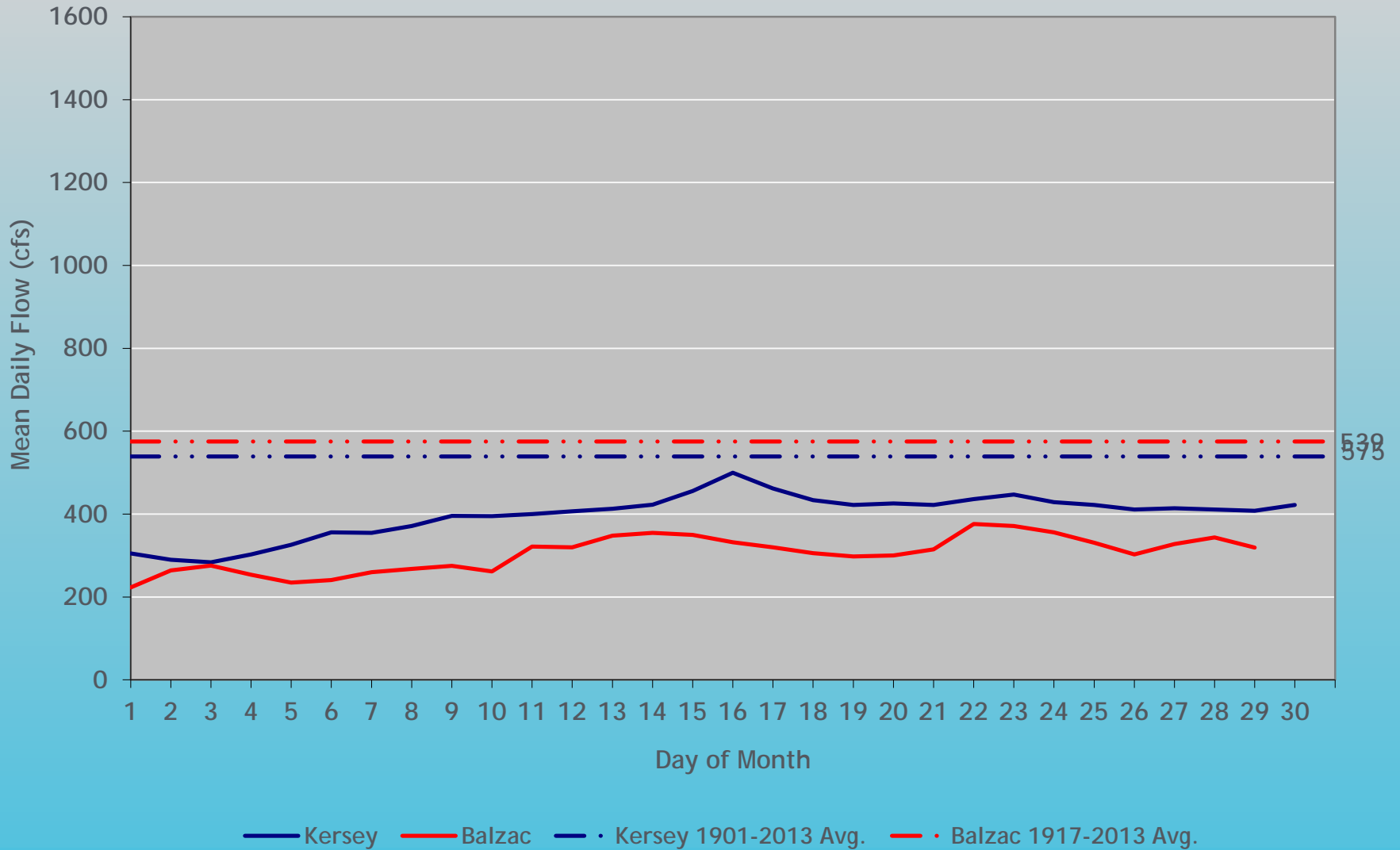
KERSEY and JULESBURG September 2014



KERSEY and JULESBURG September 2015



KERSEY and BALZAC September 2015



South Platte River Monthly Stream Flow (cfs) Statistics

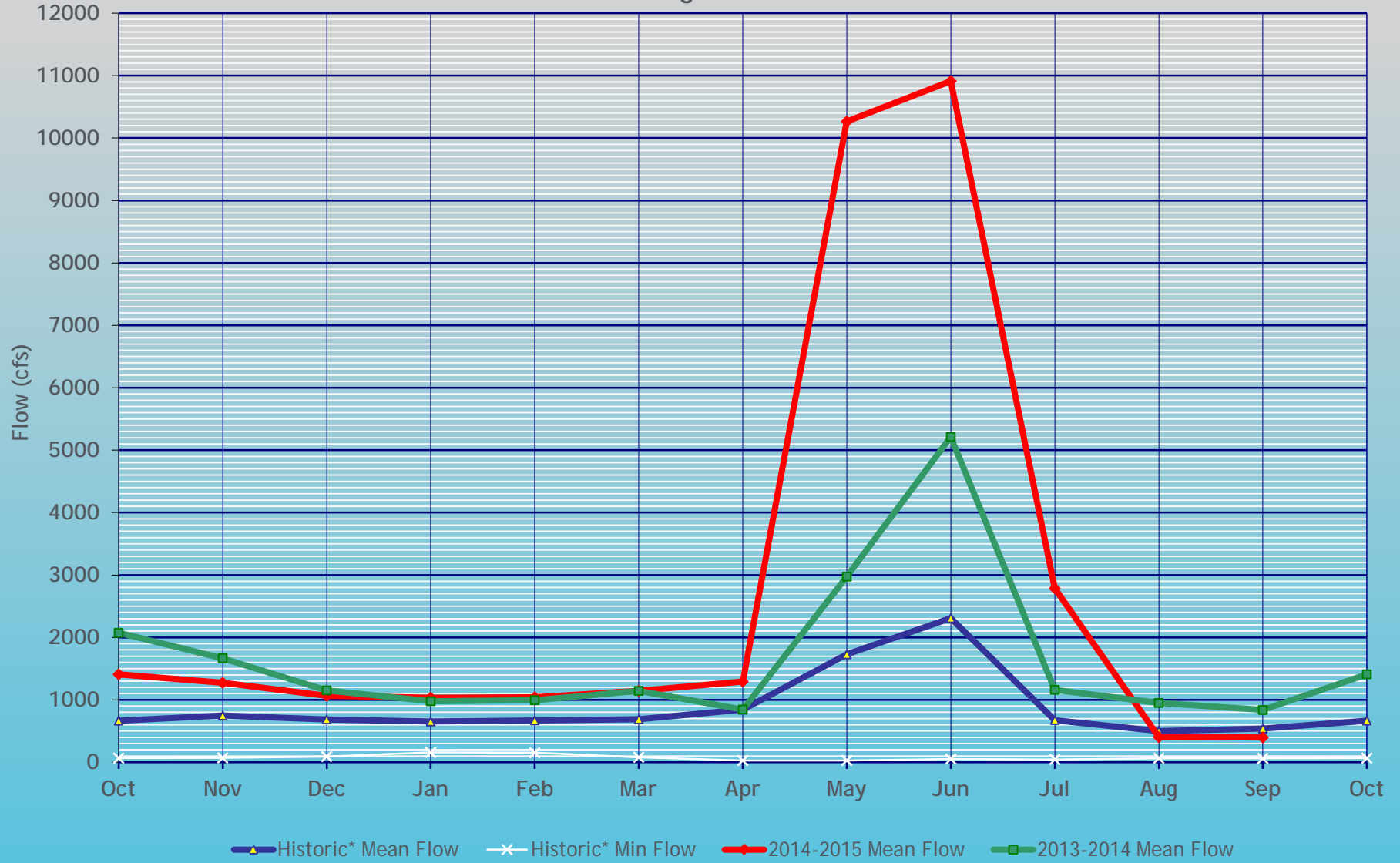
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2015 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2015 Mean Monthly Flow
Oct	667	6180	1984	66	1954	1409	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	10912	Jun	1426	30800	1921	2.0	1910	12249
Jul	675	12600	1983	44	1955	2785	Jul	311	12600	1983	0.0	1903	2481
Aug	501	9690	1951	65	1934	404	Aug	178	8920	1968	0.0	1903	338
Sep	539	14200	1938	62	1940	398	Sep	284	7130	1938	2.0	1902	193
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

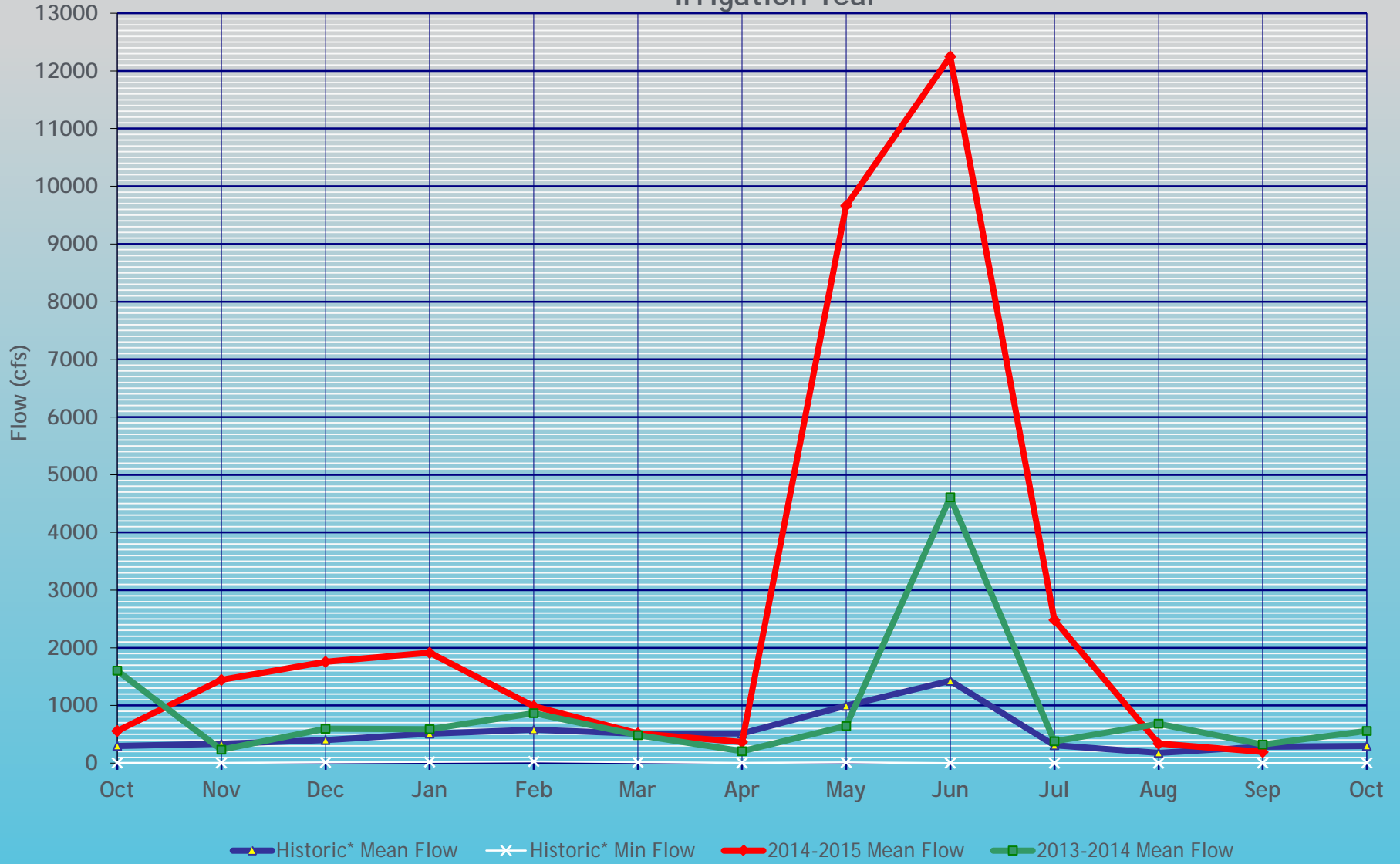


Historic* Mean Flow Historic* Min Flow 2014-2015 Mean Flow 2013-2014 Mean Flow

*1901-2013

South Platte River at Julesburg

Irrigation Year



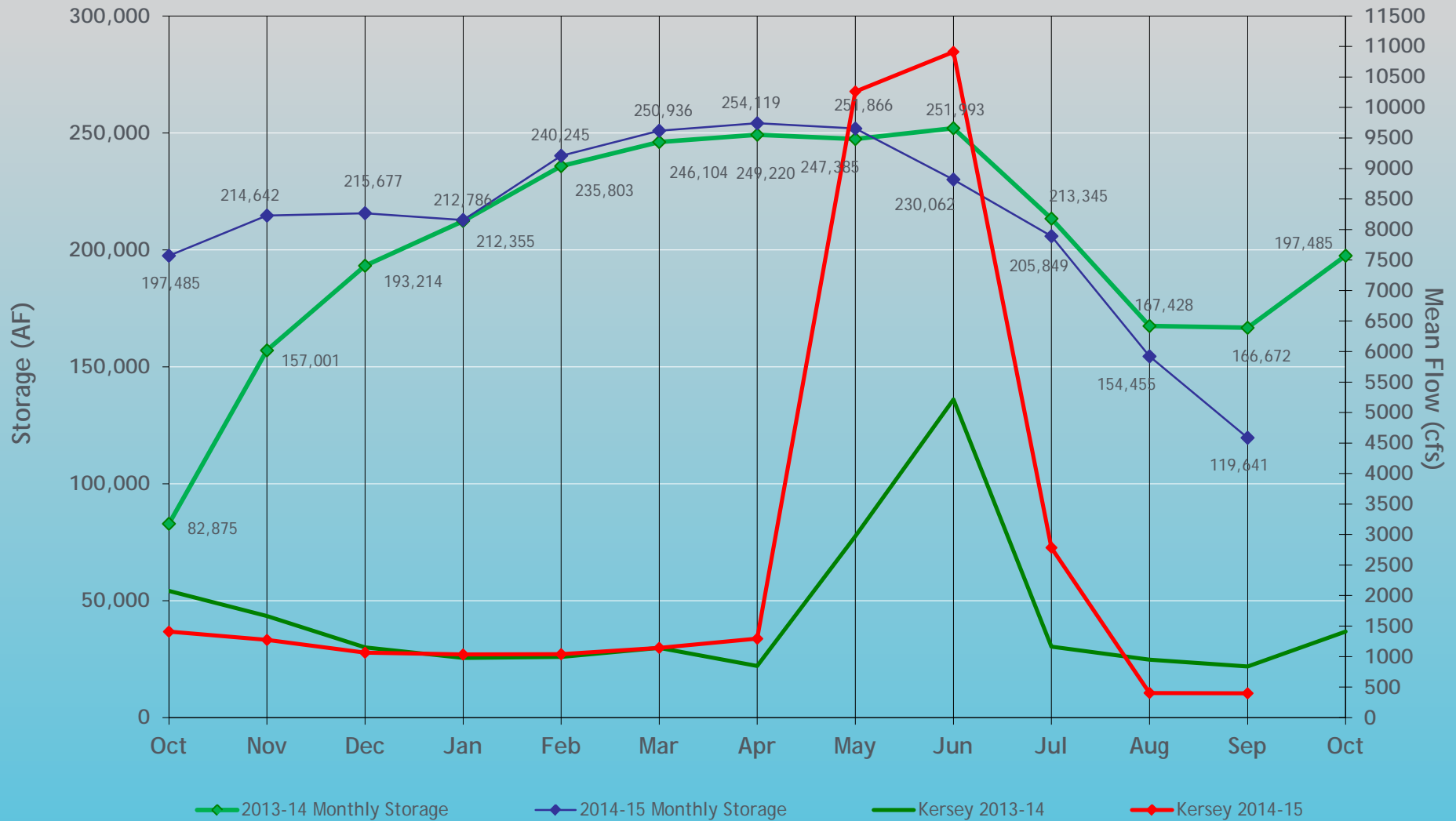
Historic* Mean Flow Historic* Min Flow 2014-2015 Mean Flow 2013-2014 Mean Flow

*1901-2013



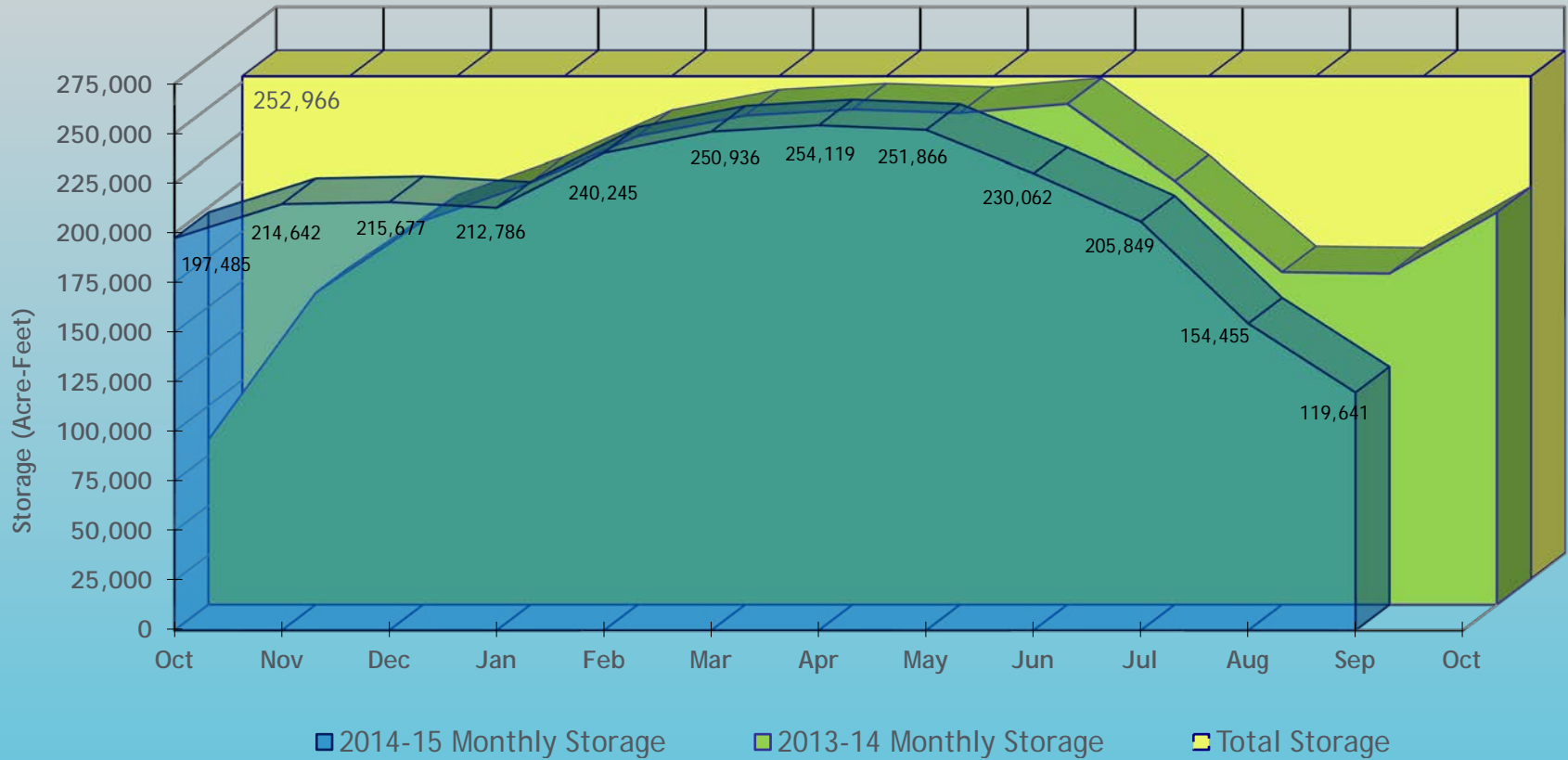
Reservoir Storage below Kersey

Selected Reservoirs*



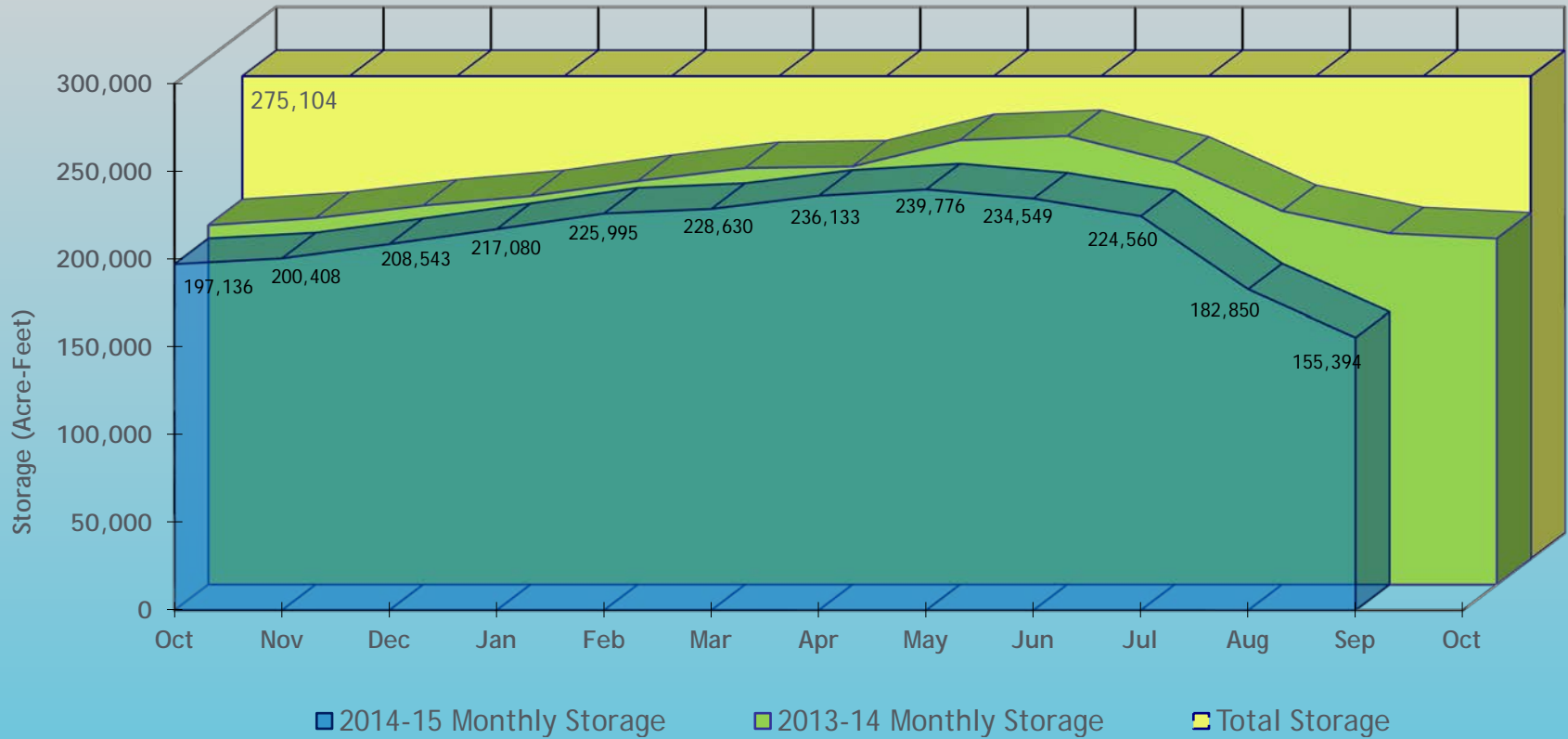
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

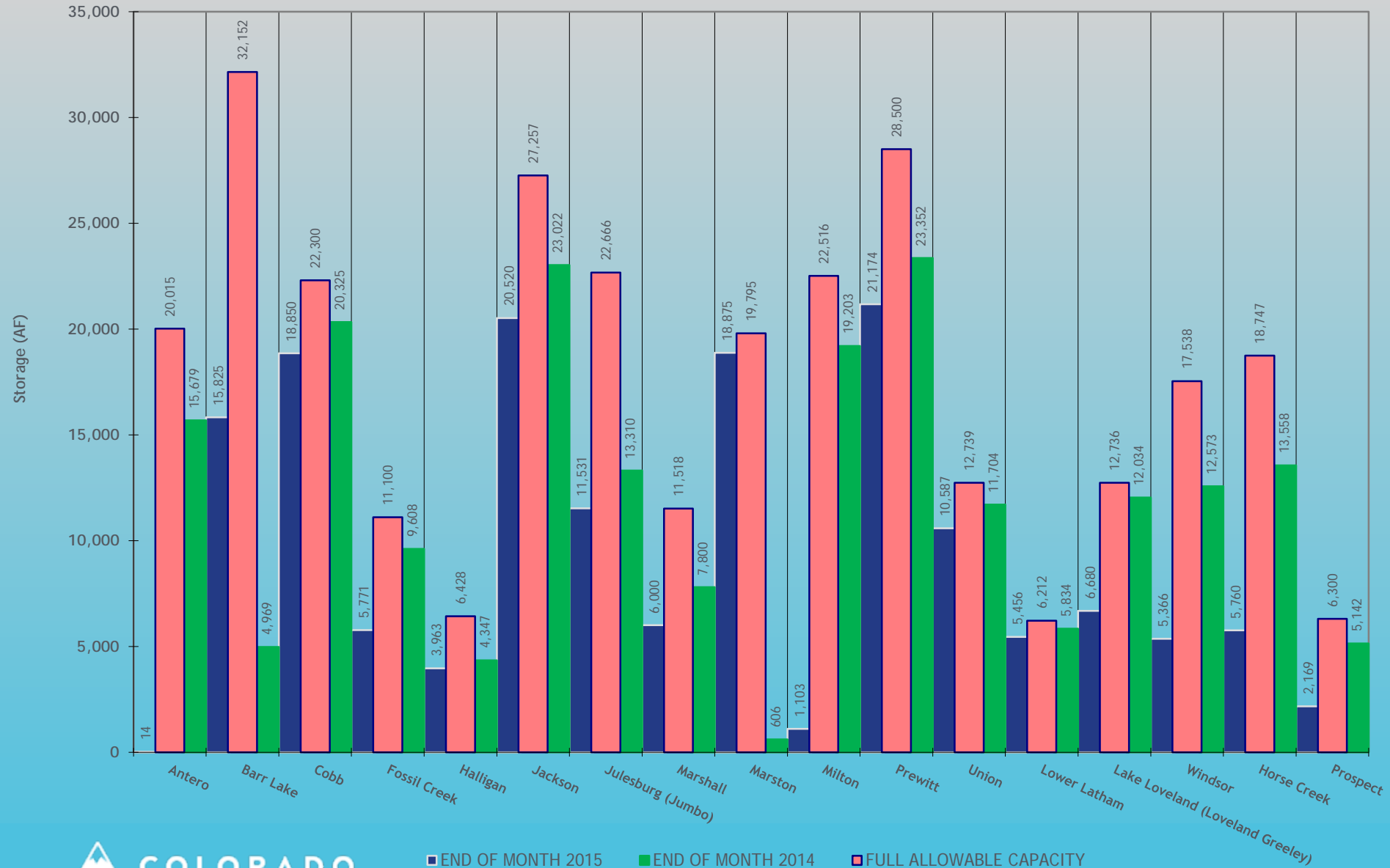
South Platte Reservoir Storage above Kersey*



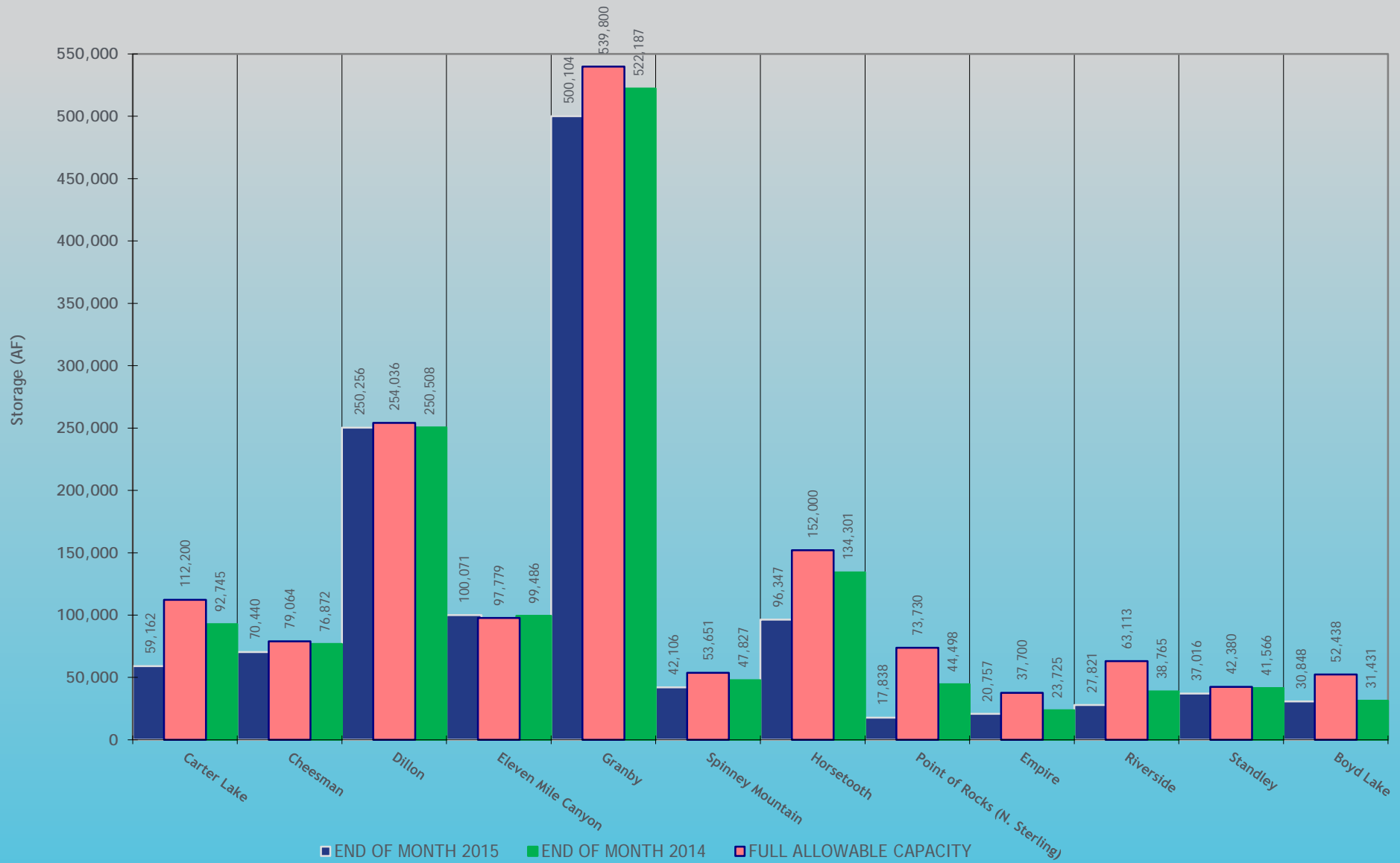
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



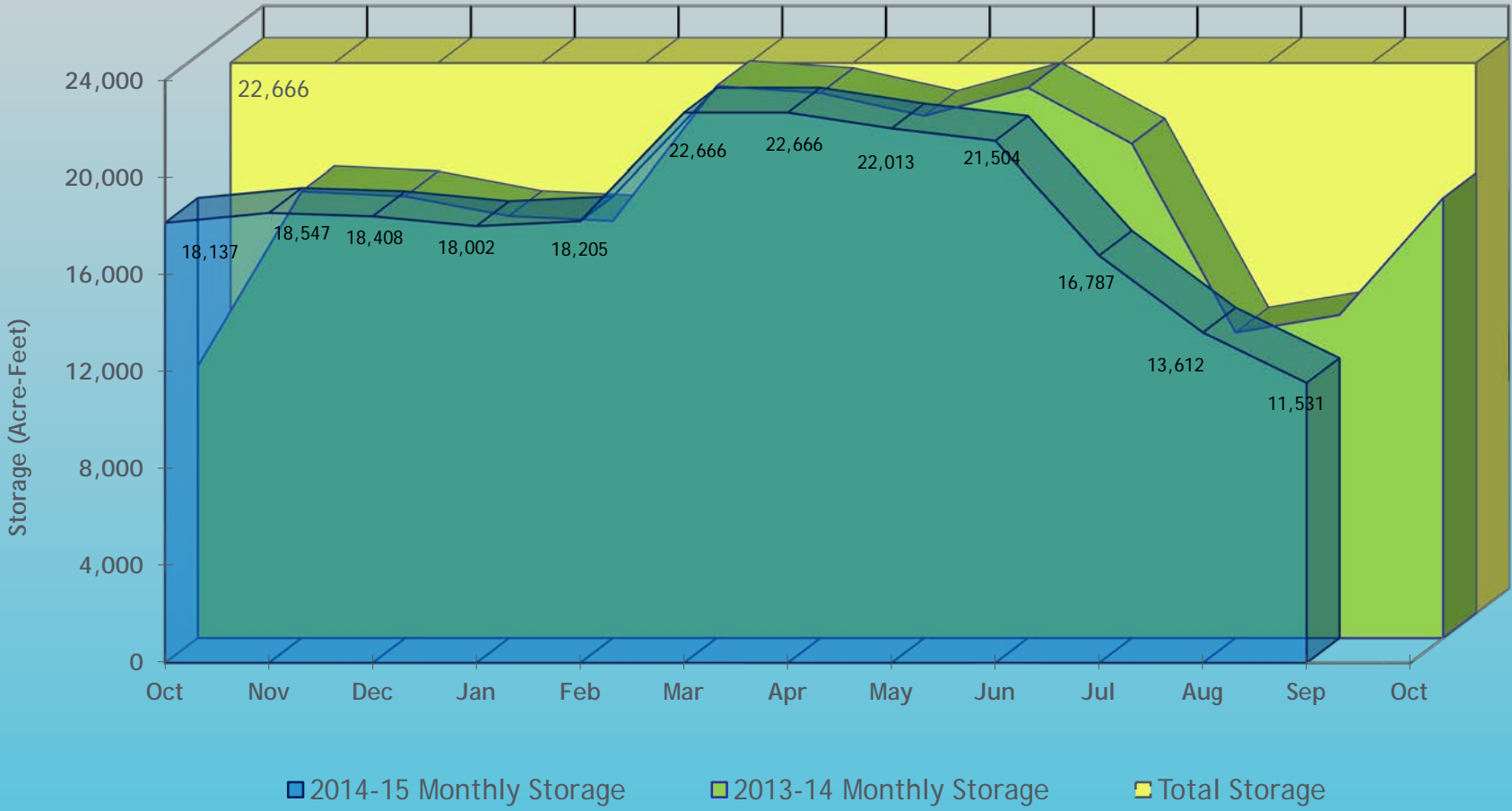
September Reservoir Change in Storage 2014 versus 2015



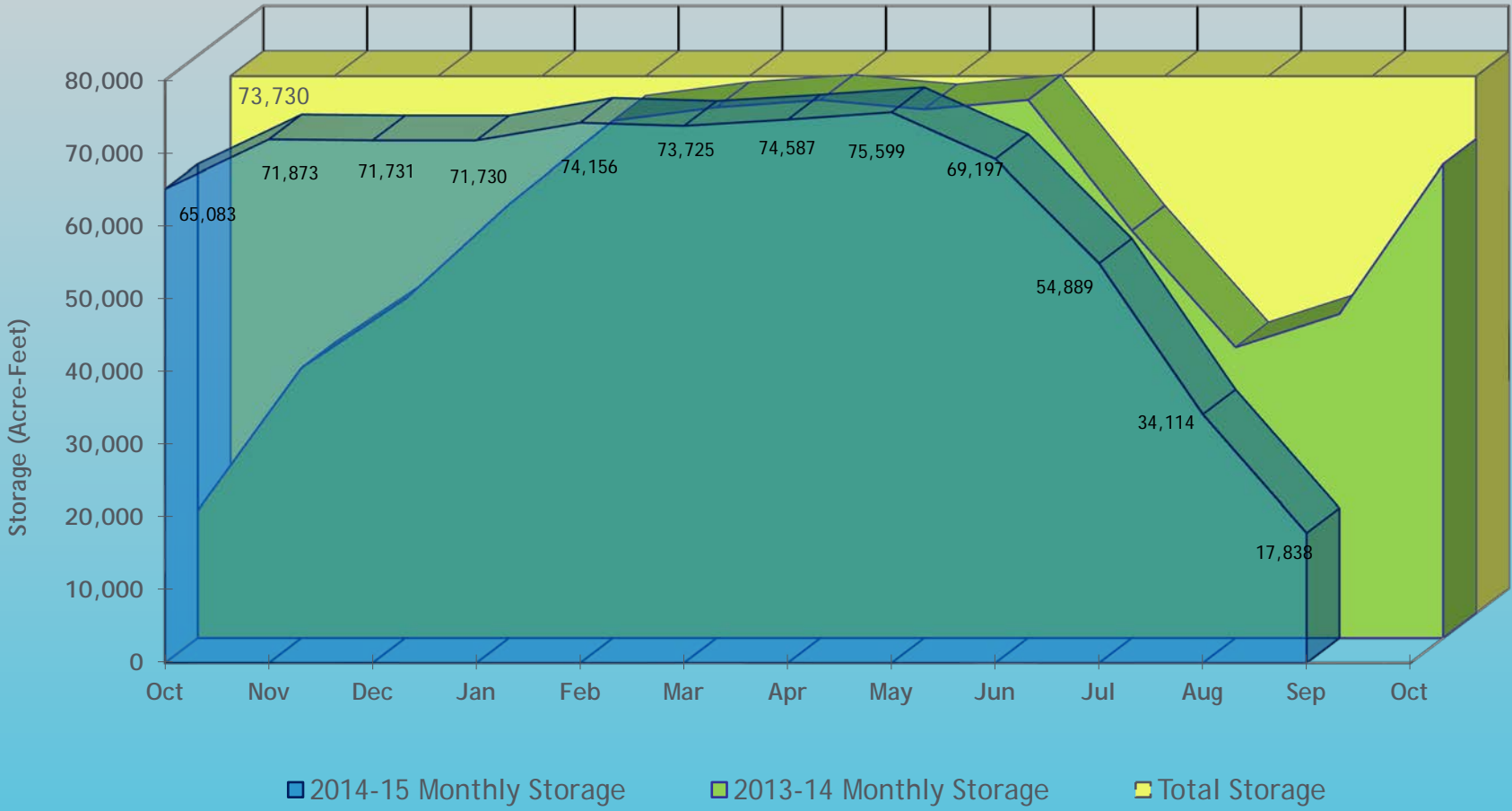
September Reservoir Change in Storage 2014 versus 2015



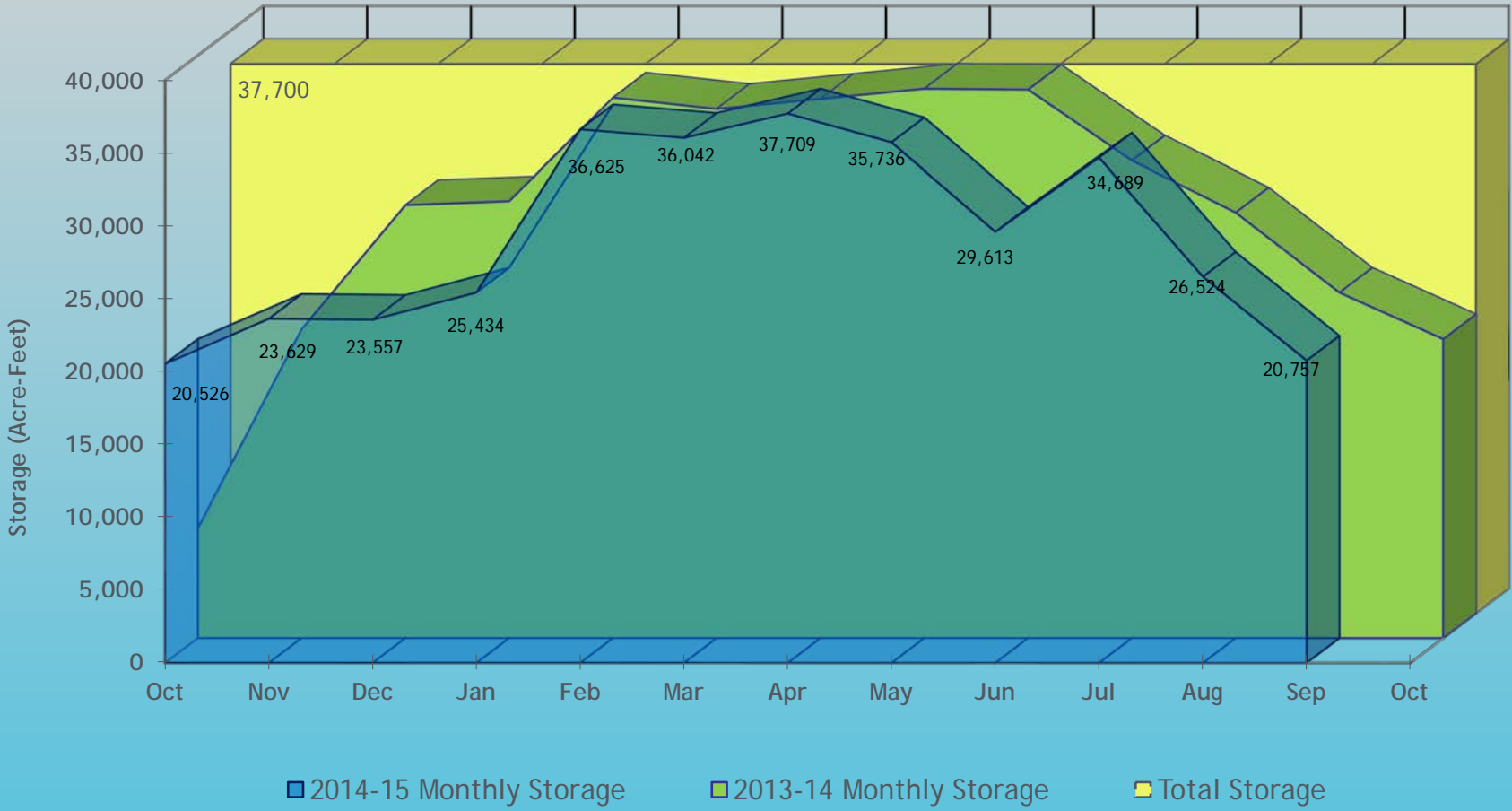
Julesburg Reservoir (District 64 - Agricultural)



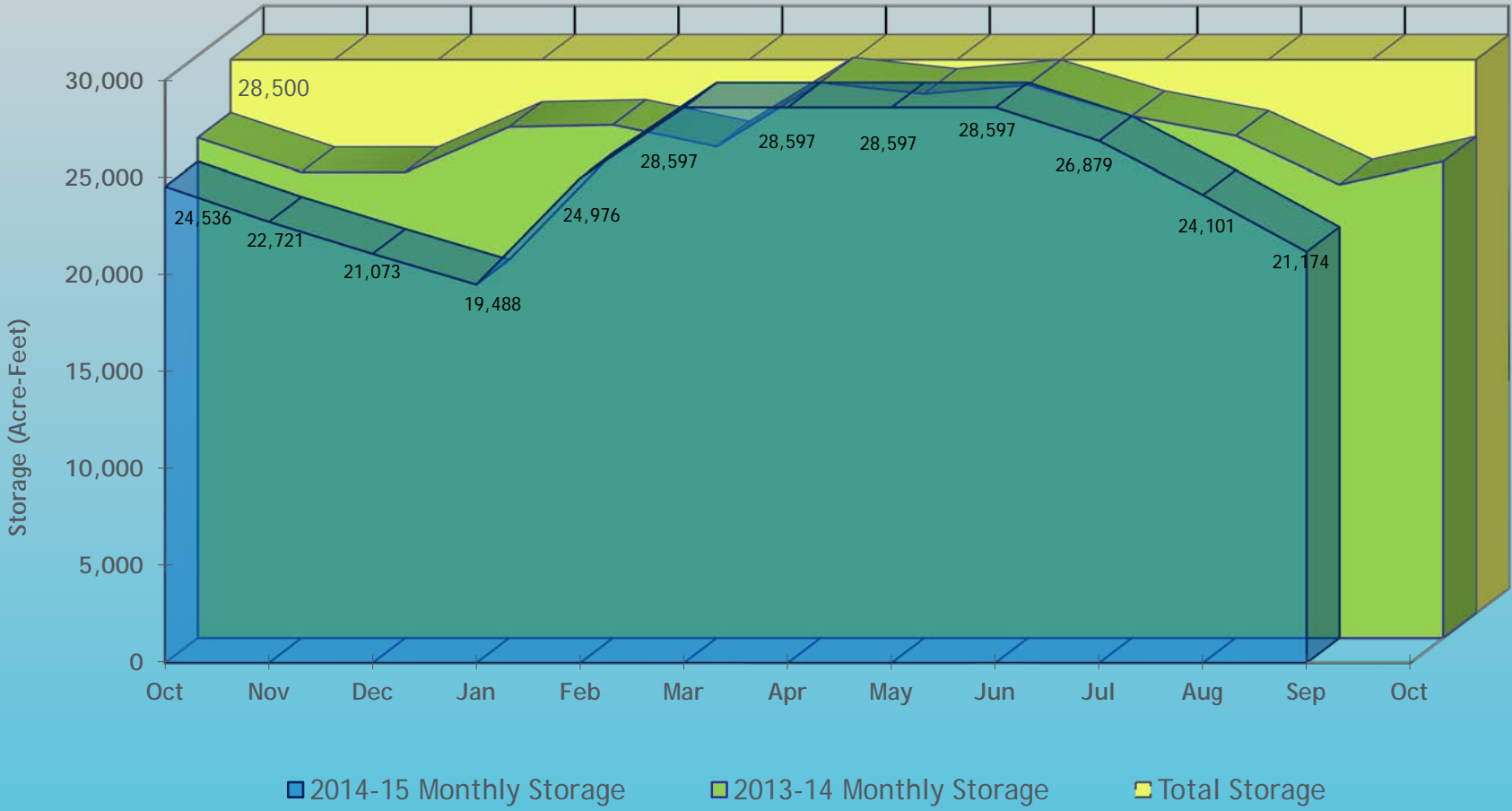
North Sterling Reservoir (District 64 - Agricultural)



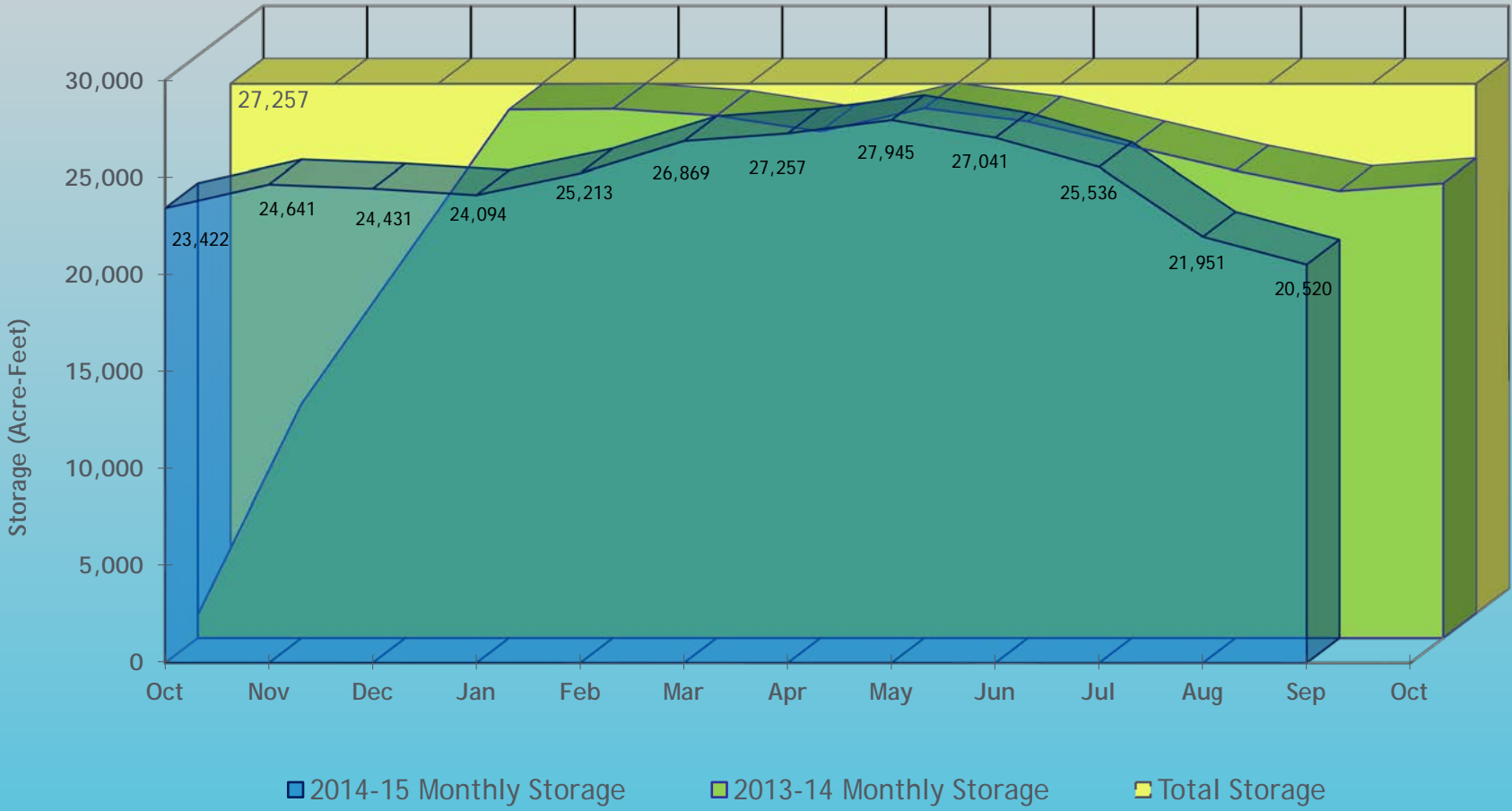
Empire Reservoir (District 1 - Agricultural)



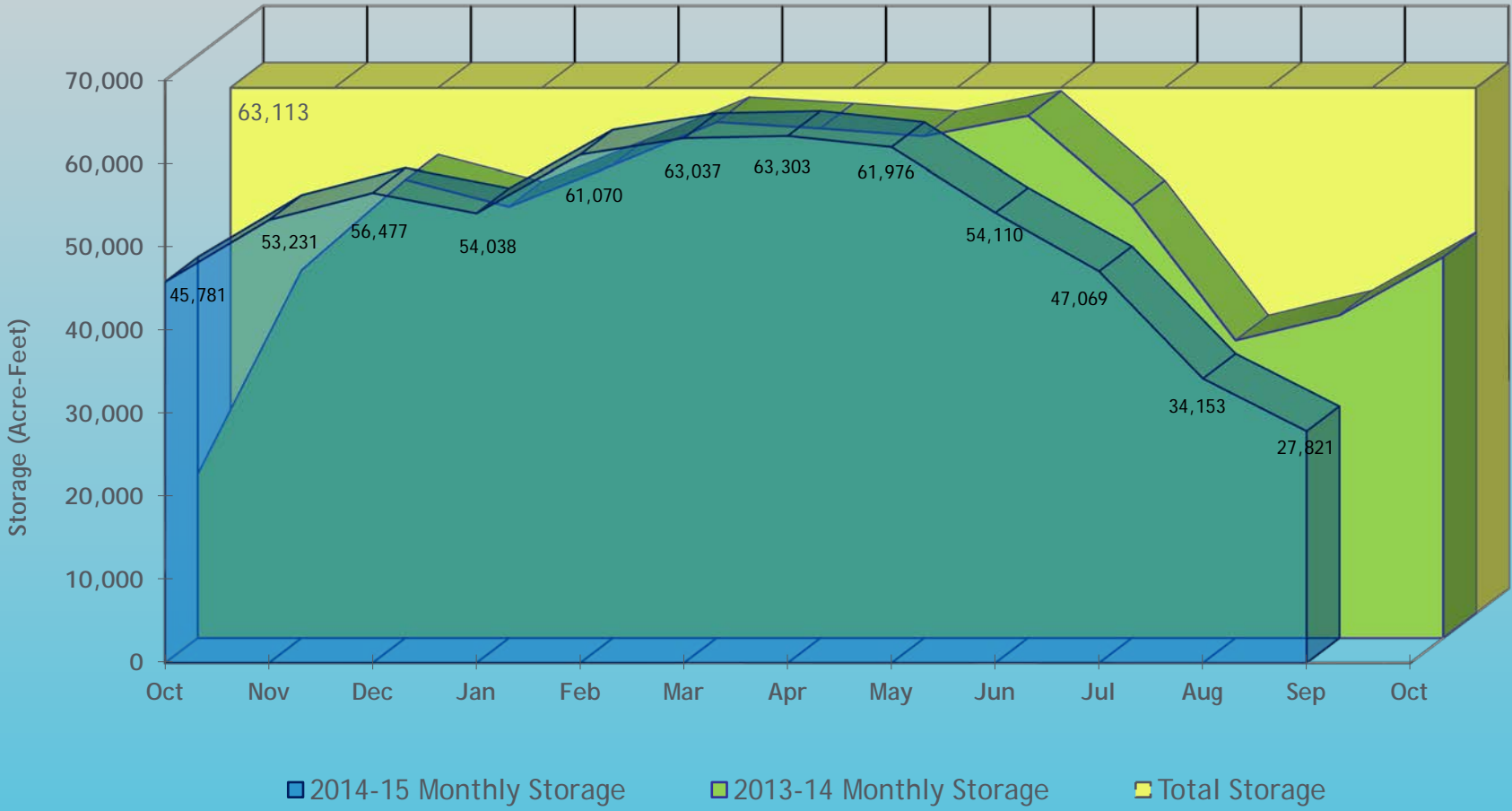
Prewitt Reservoir (District 64 - Agricultural)



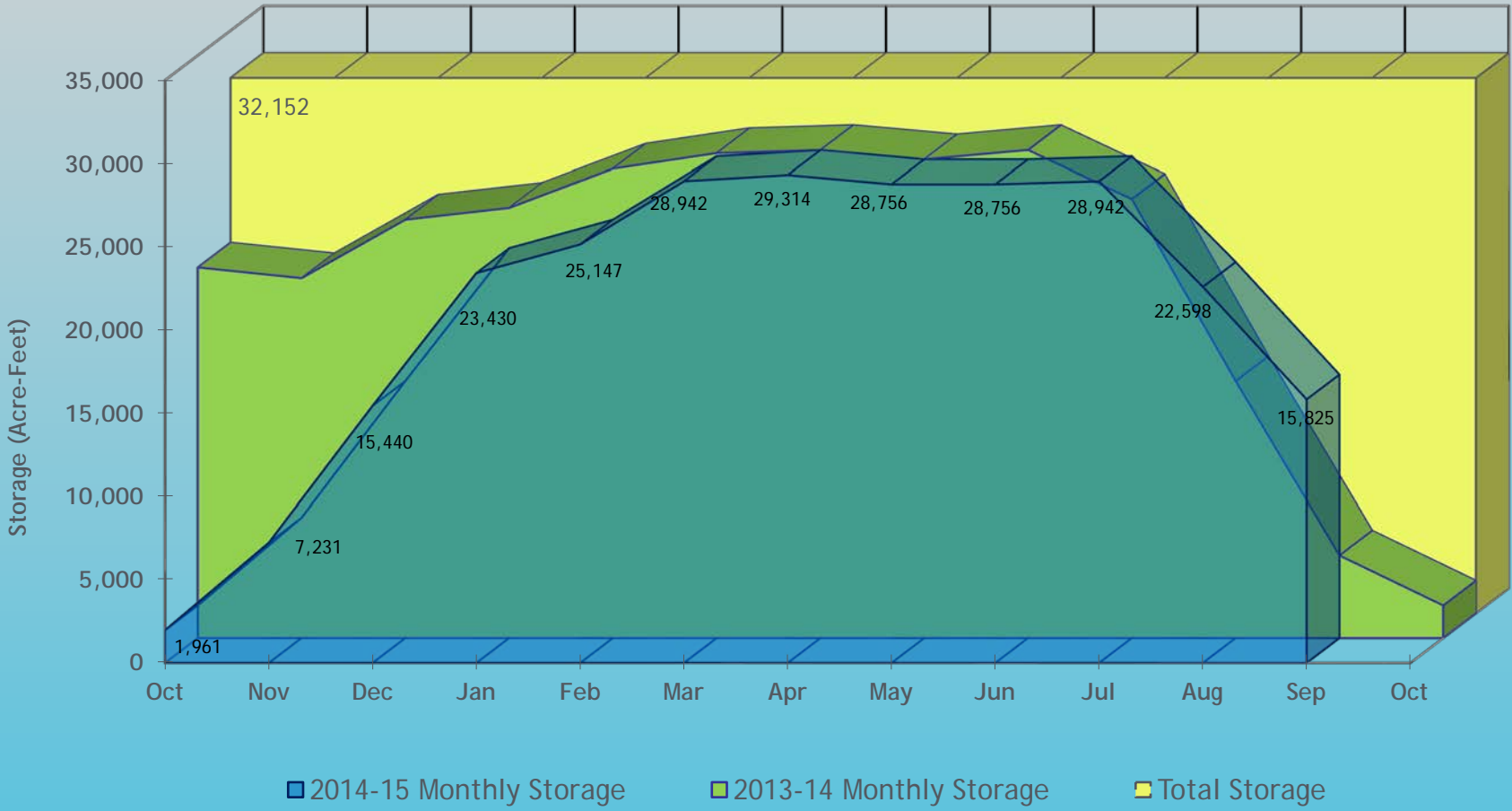
Jackson Reservoir (District 1 - Agricultural)



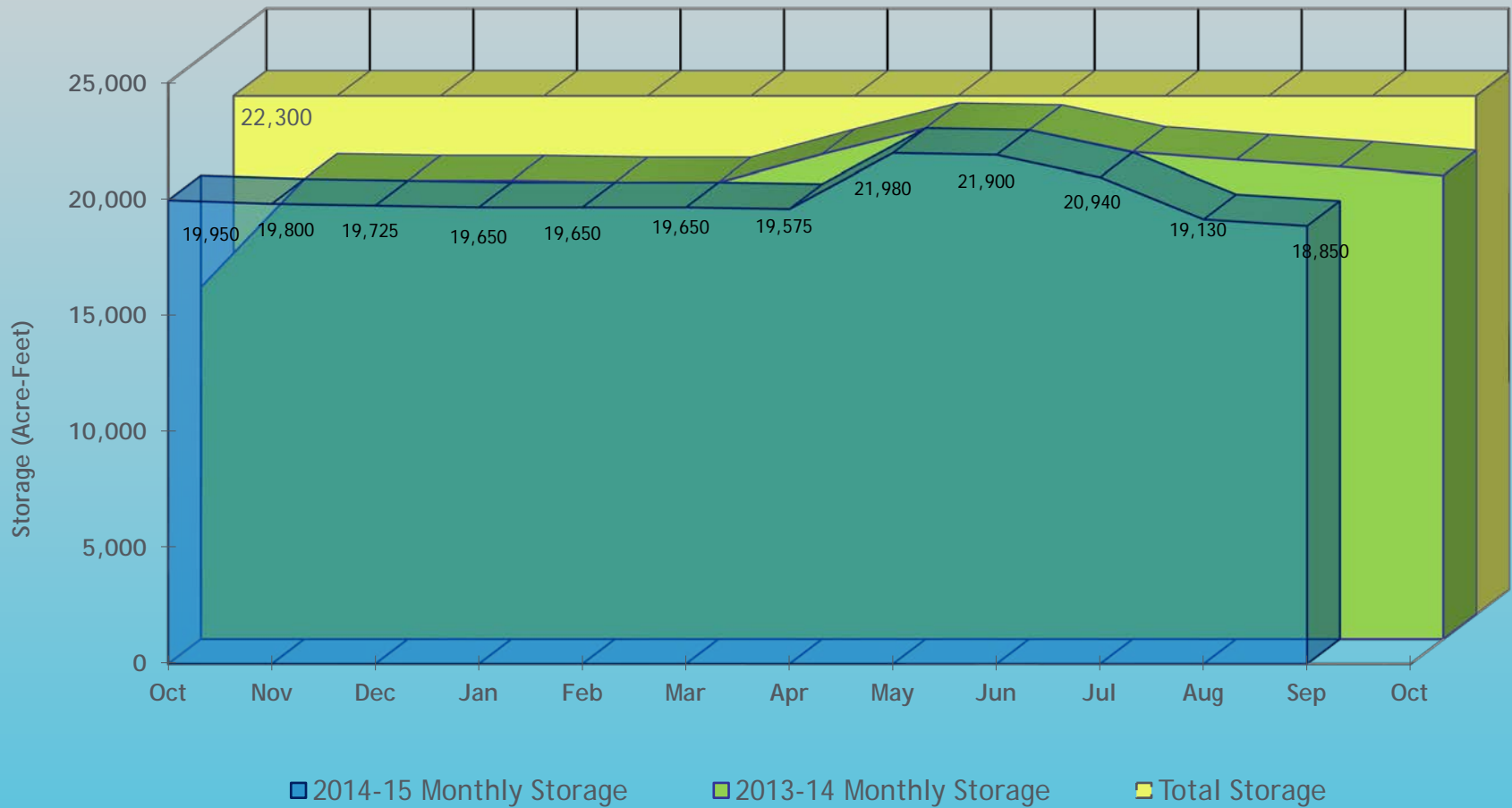
Riverside Reservoir (District 1 - Agricultural)



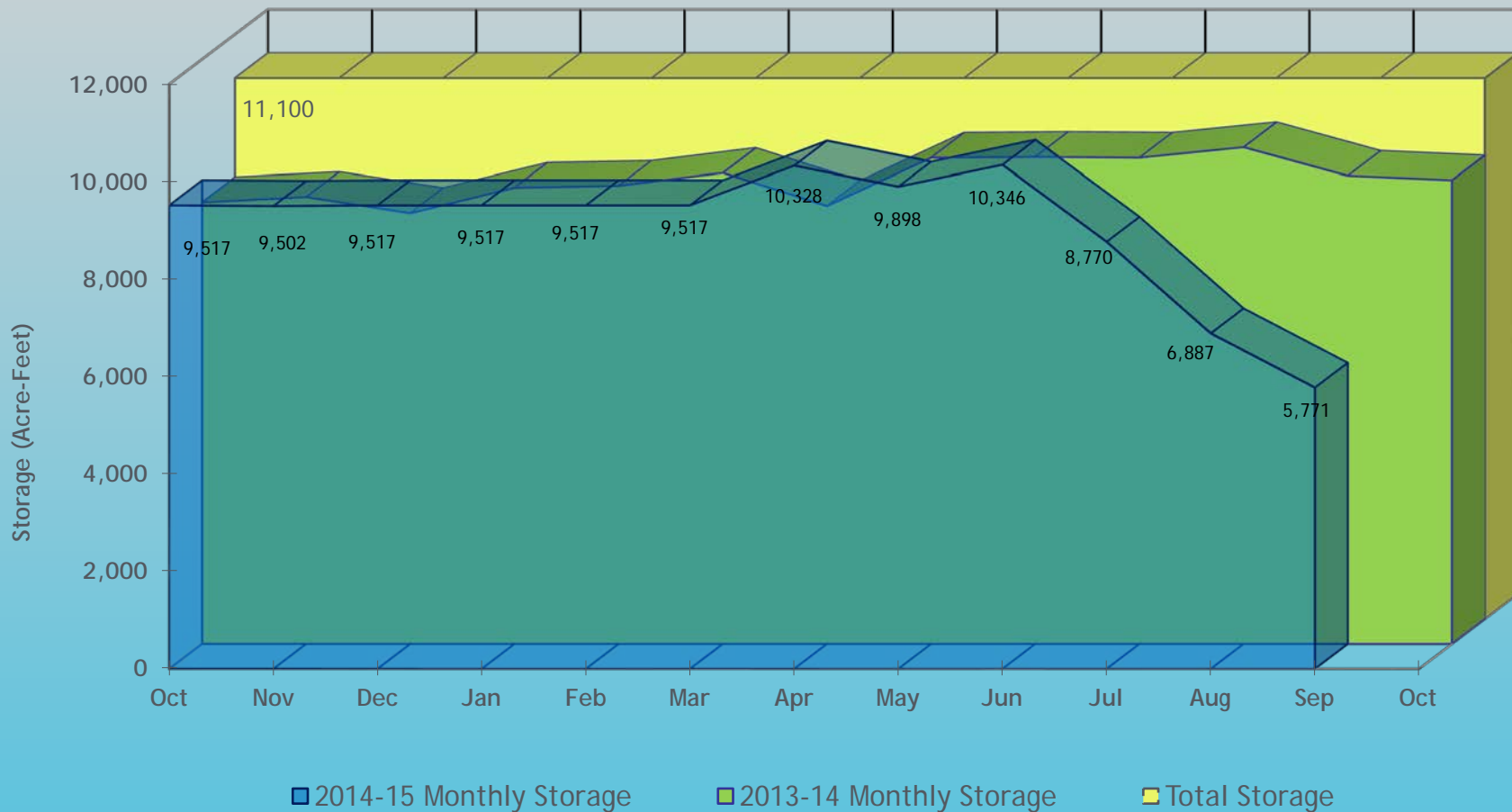
Barr Reservoir (District 2 - Agricultural)



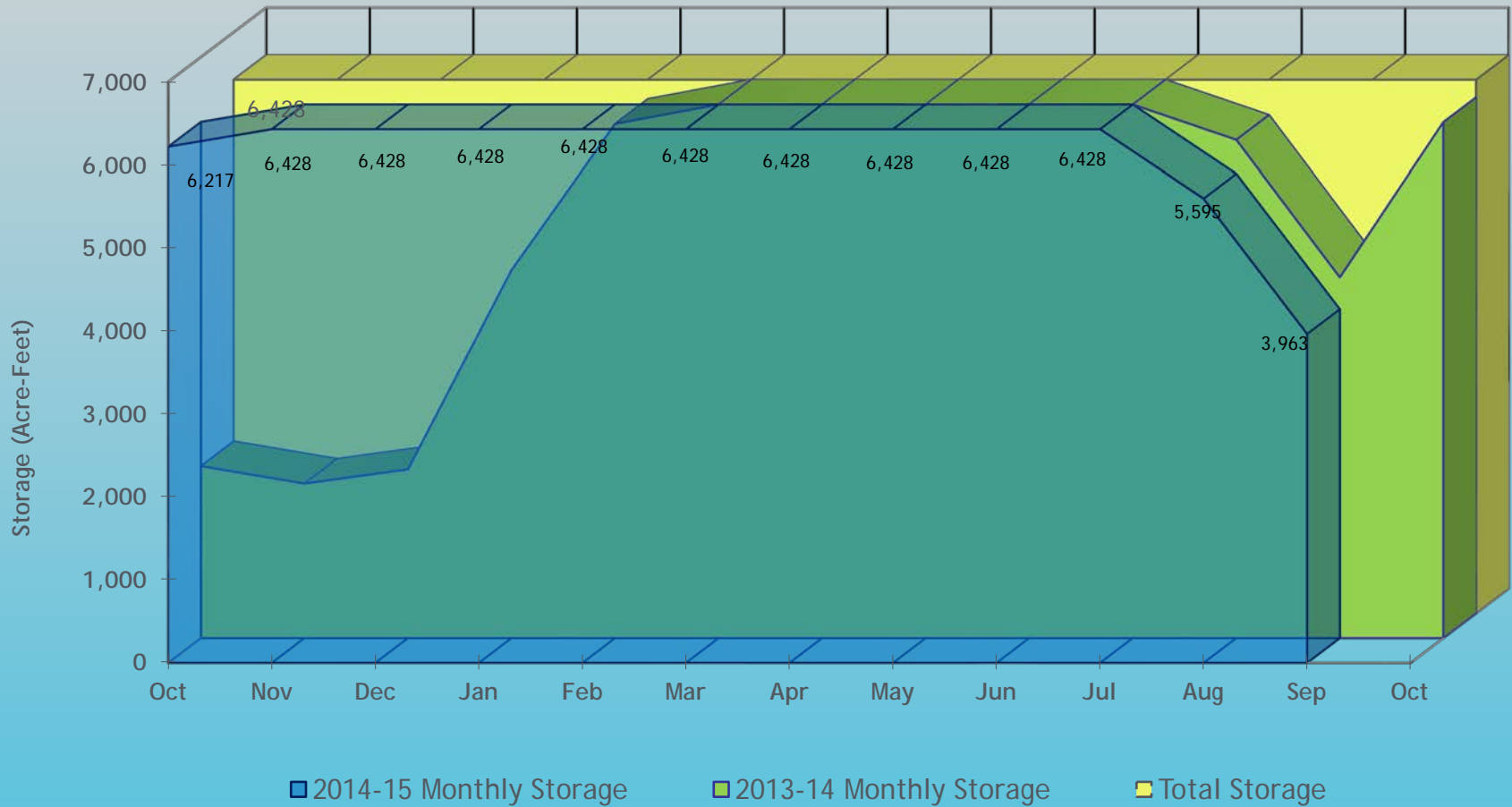
Cobb Reservoir (District 3, Poudre River - Agricultural)



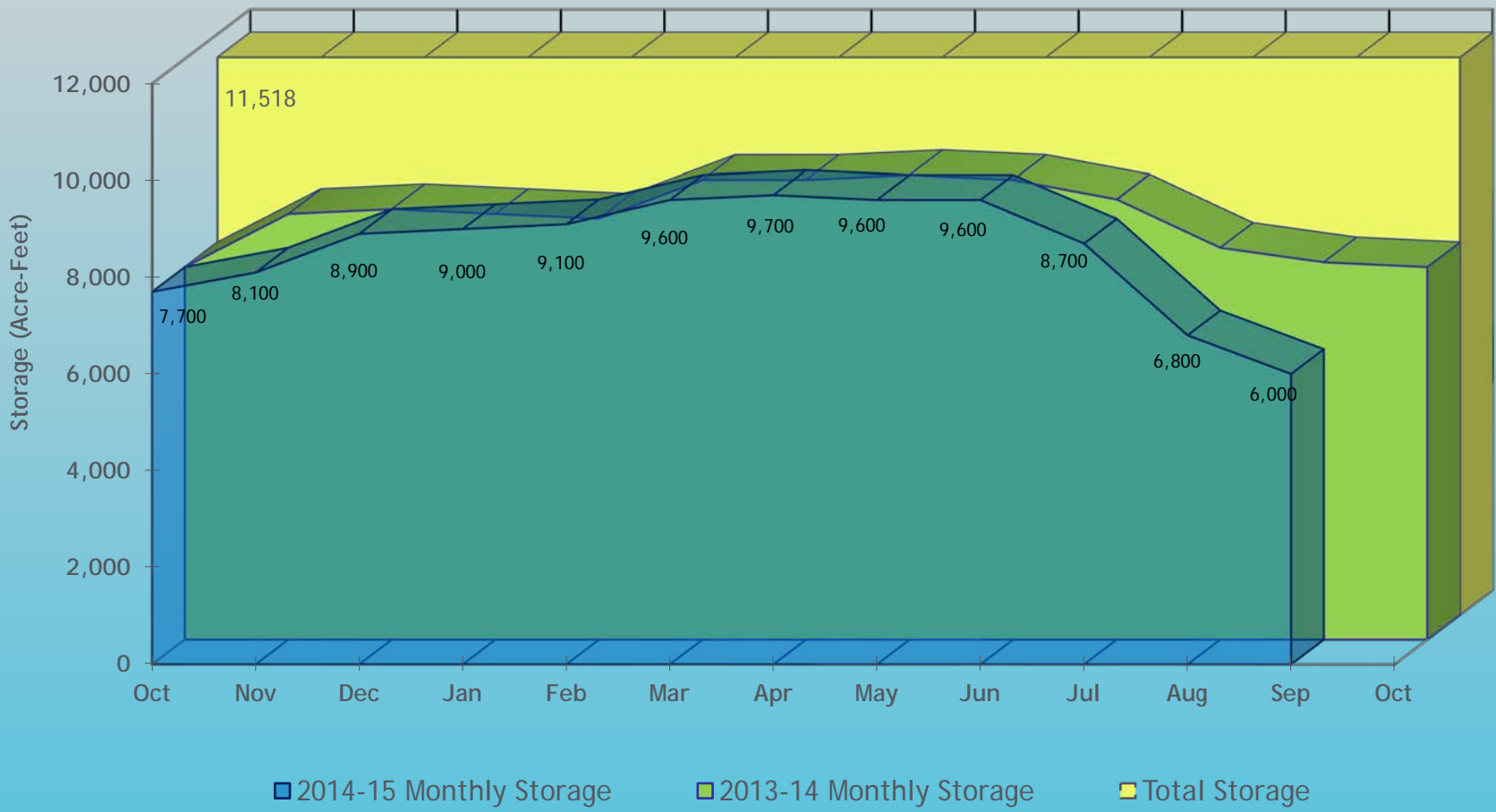
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



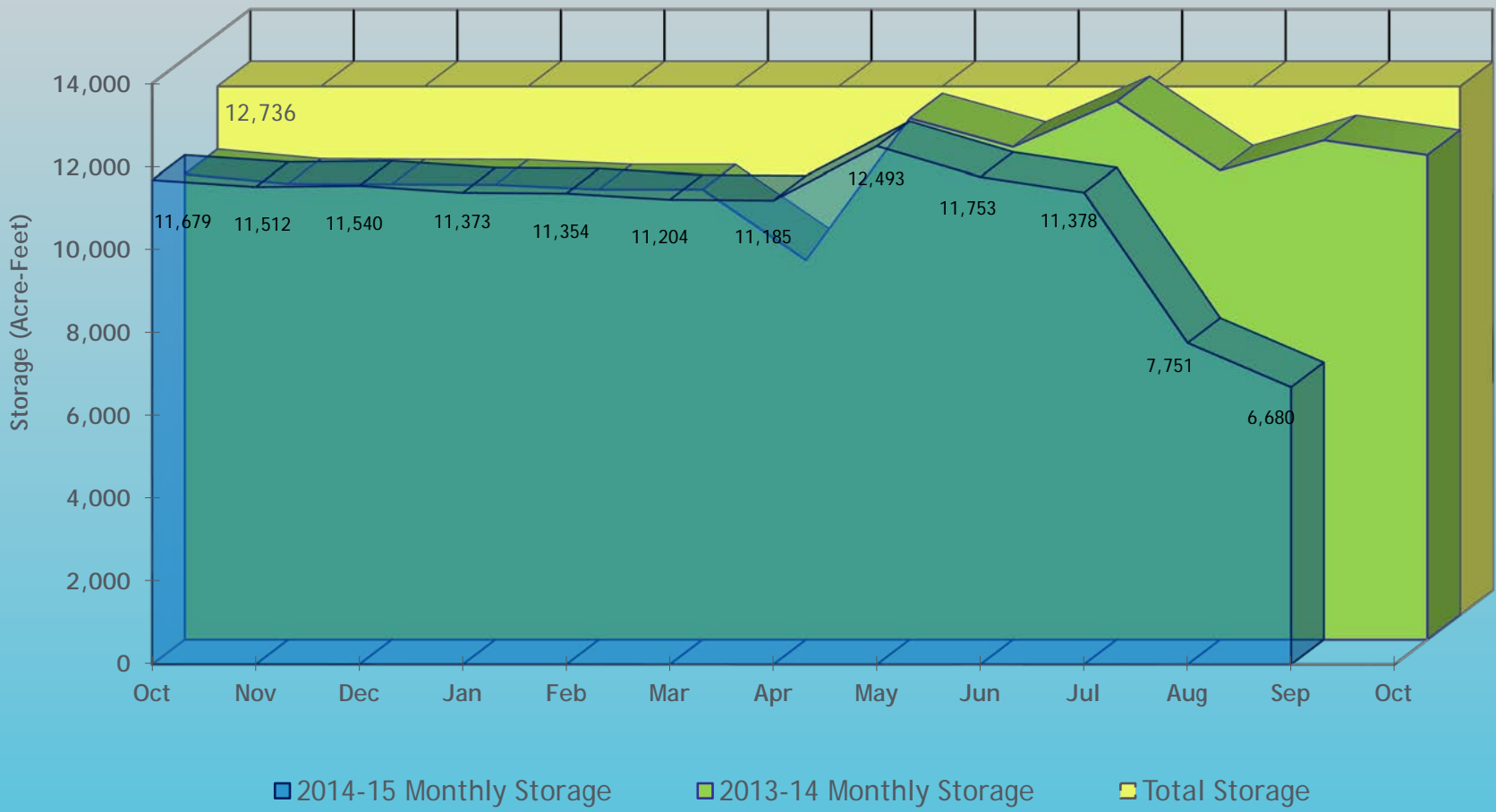
Halligan Reservoir (District 3, Poudre River - Agricultural)



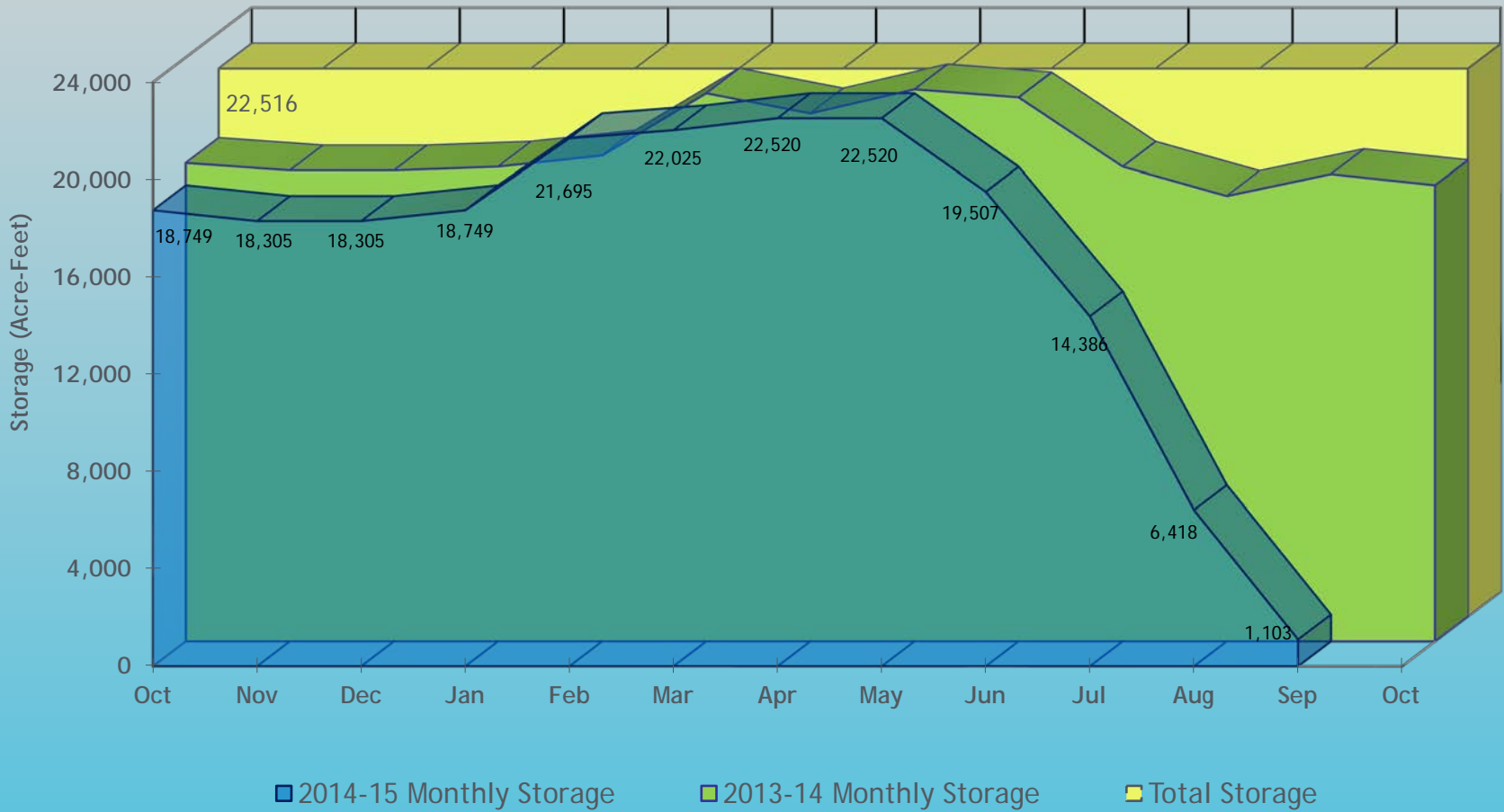
Marshall Lake (District 6, Boulder Creek - Agricultural)



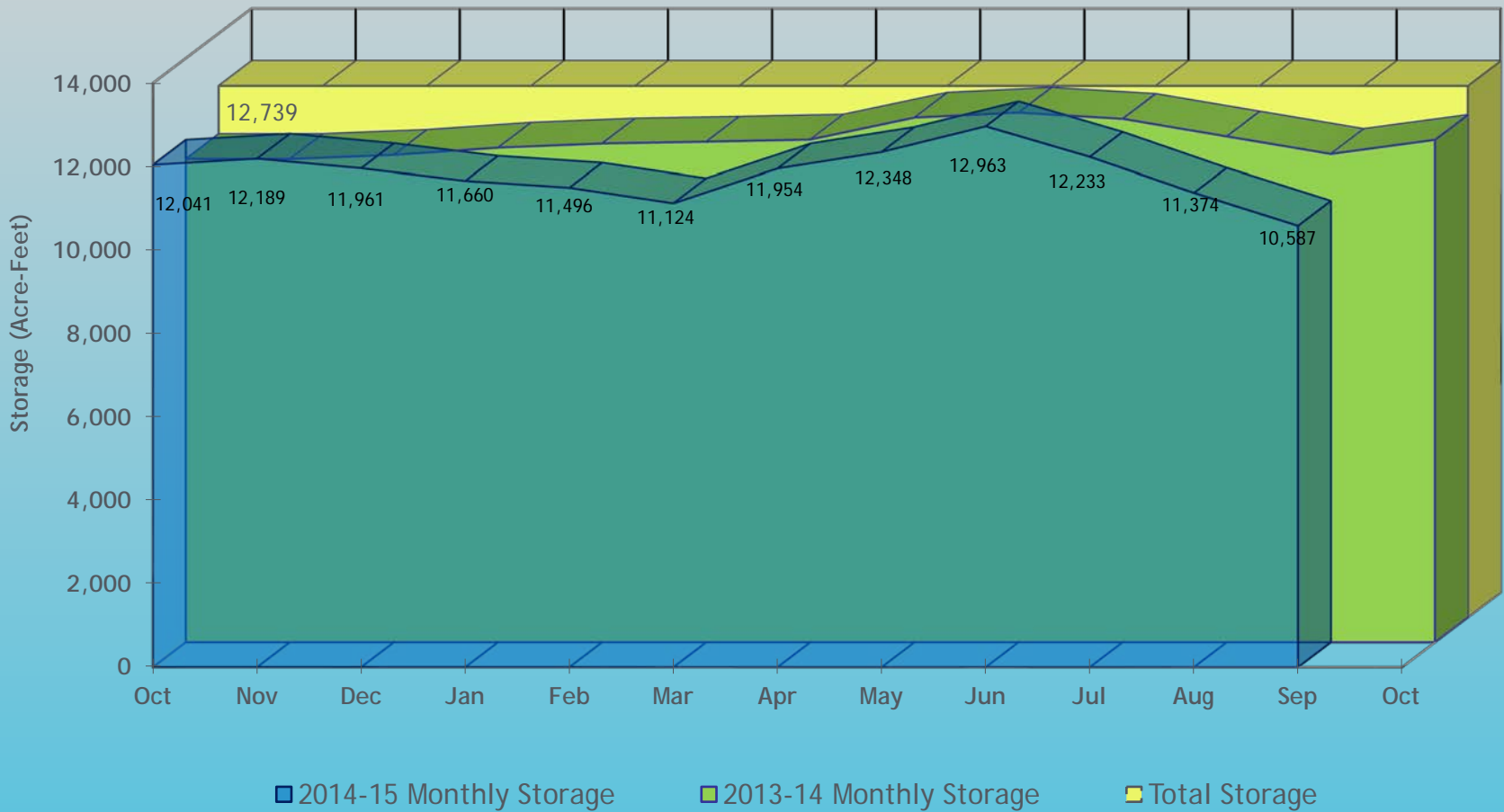
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



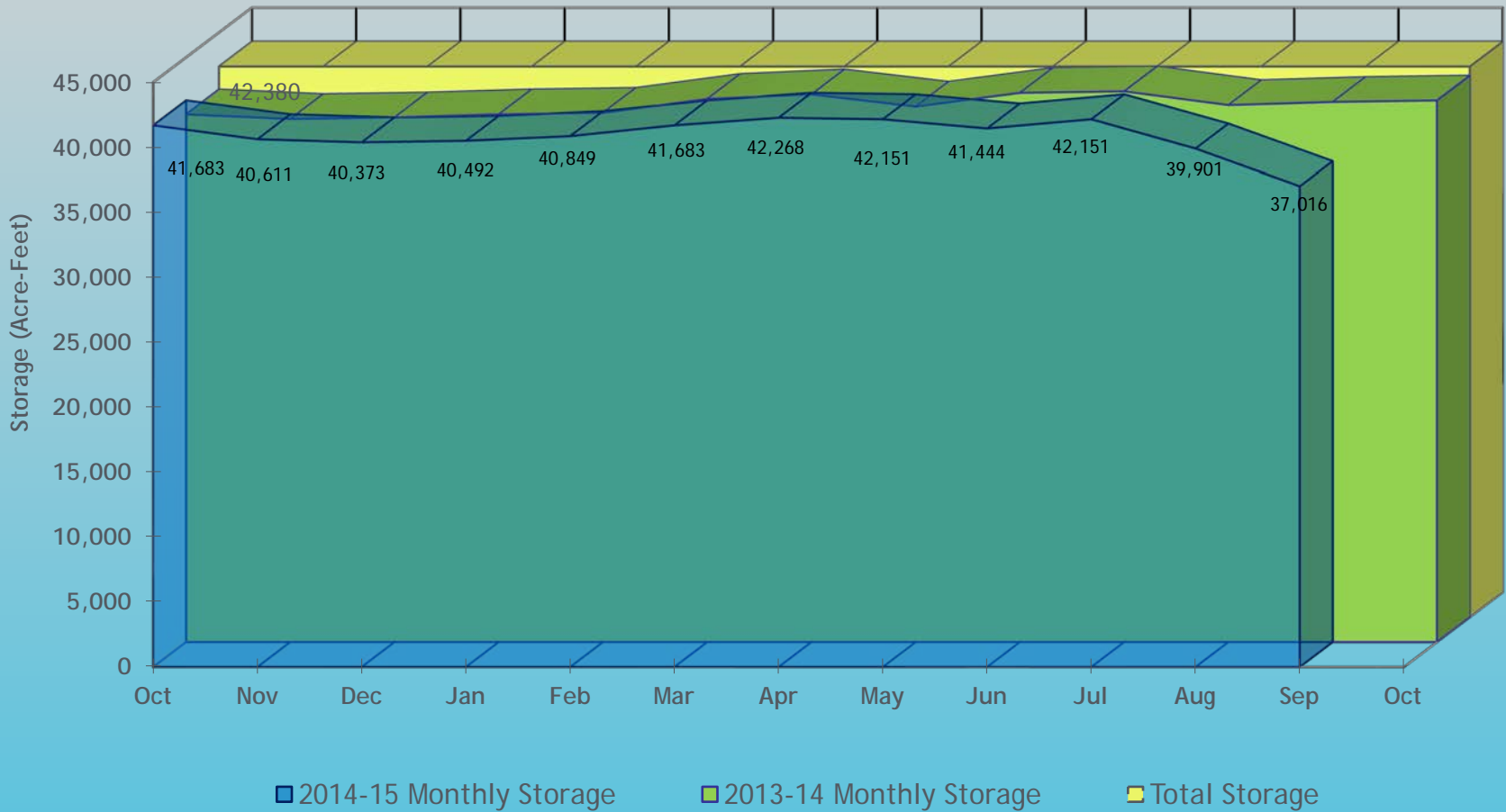
Milton Reservoir (District 2 - Agricultural)



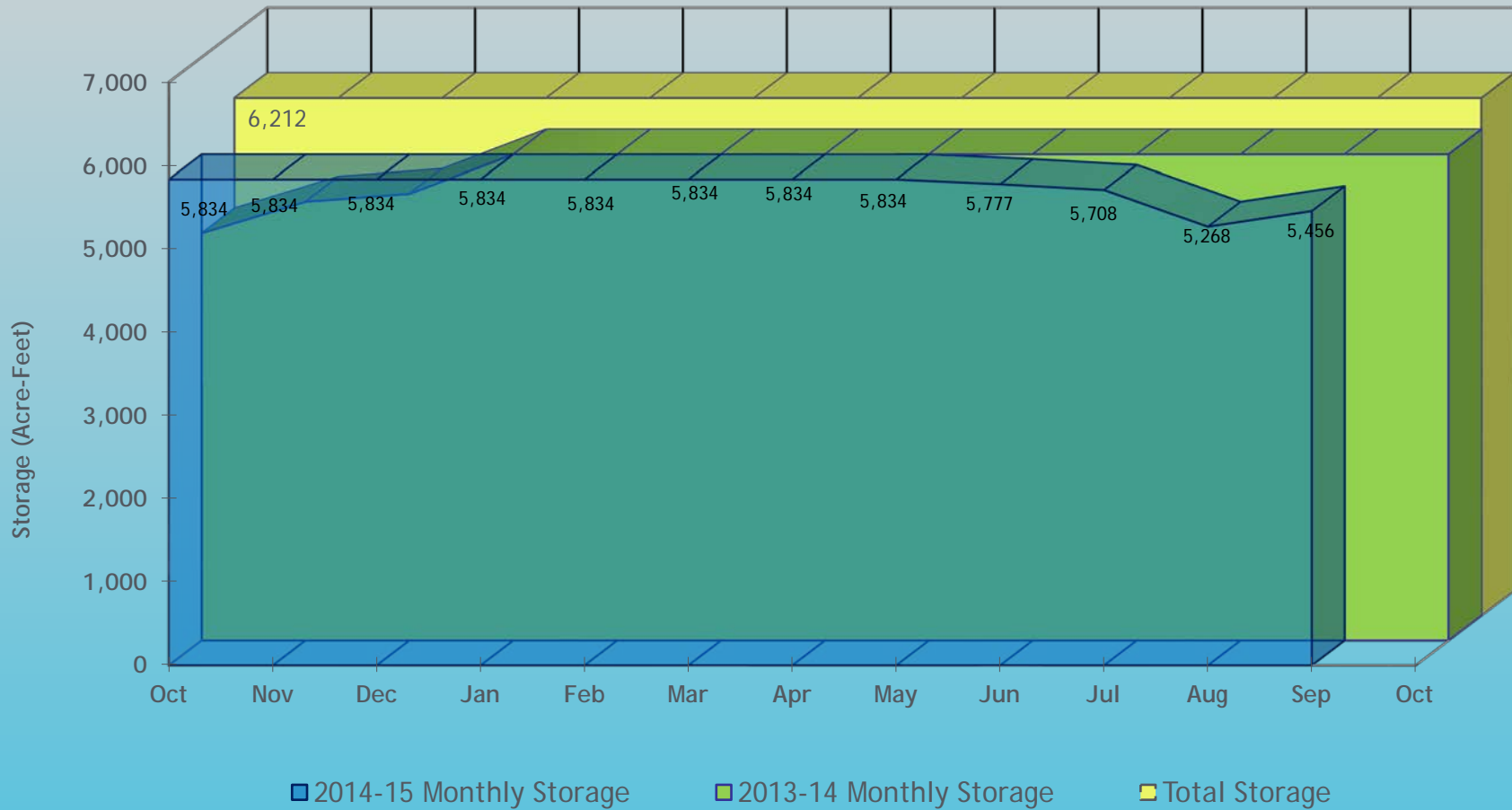
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



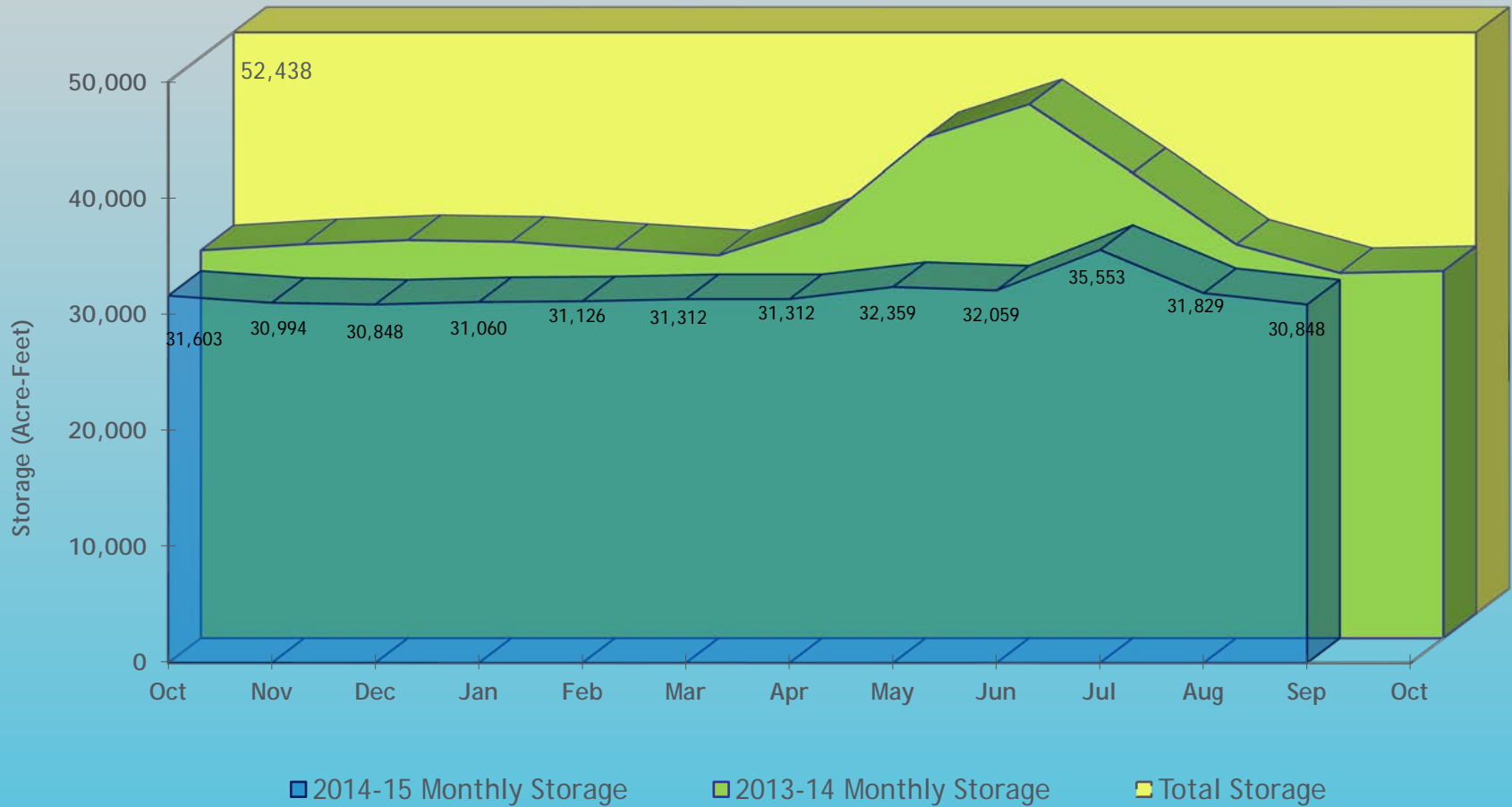
Standley Lake (Agricultural)



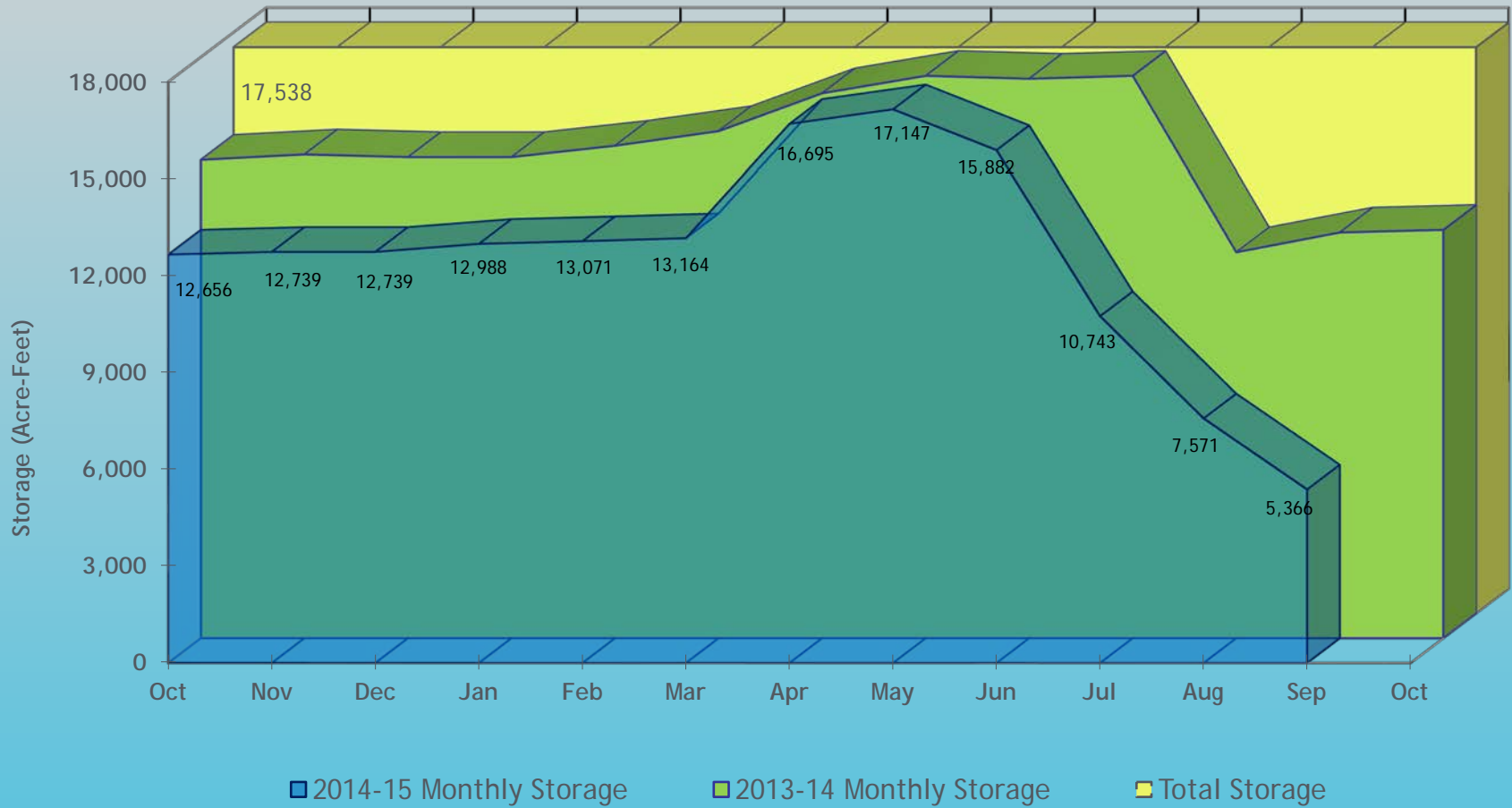
Lower Latham Reservoir (District 2 - Agricultural)



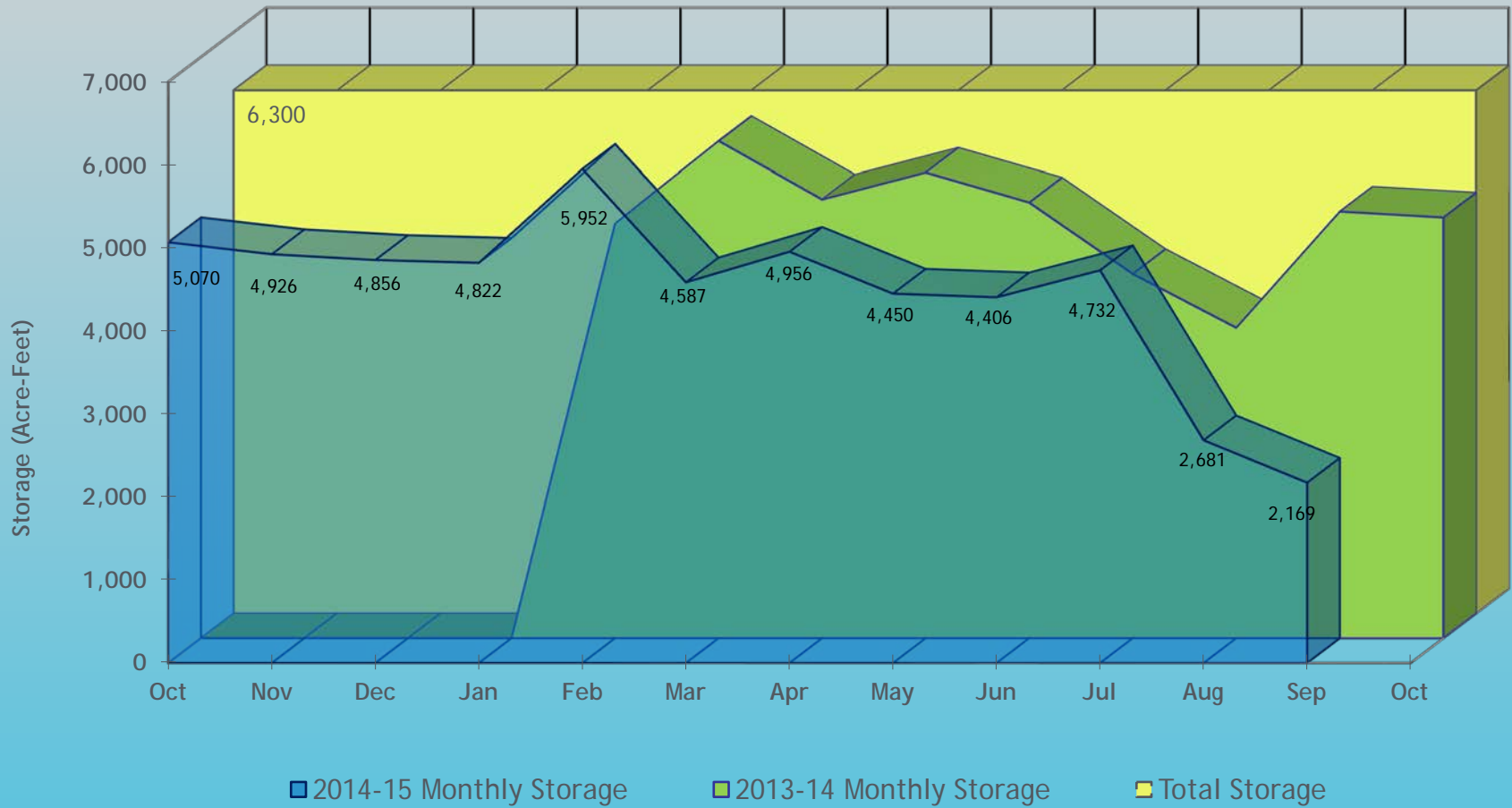
Boyd Lake (District 4, Big Thompson River - Agricultural)



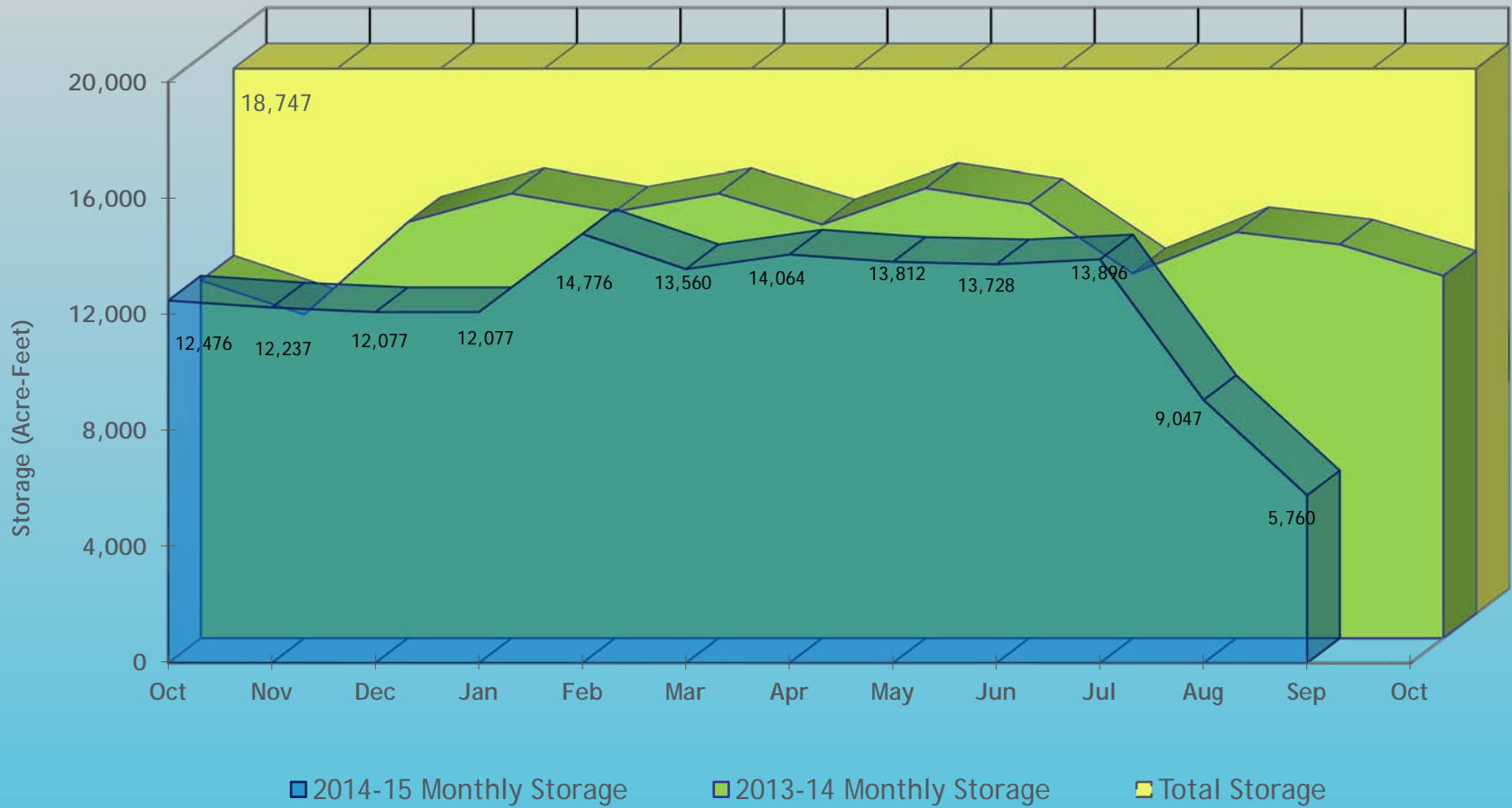
Windsor Reservoir (District 3, Poudre River - Agricultural)



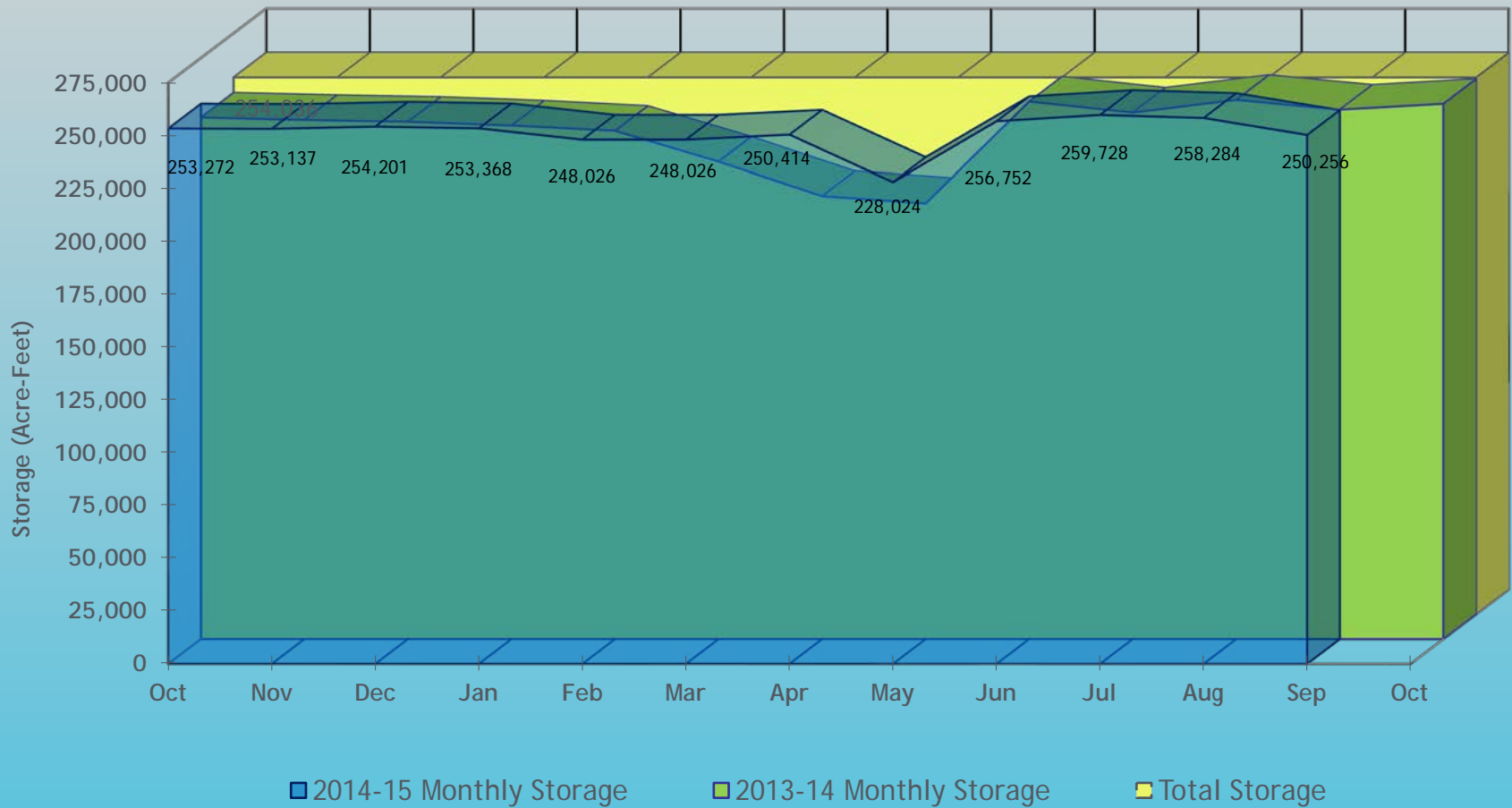
Prospect Reservoir (District 1 - Agricultural)



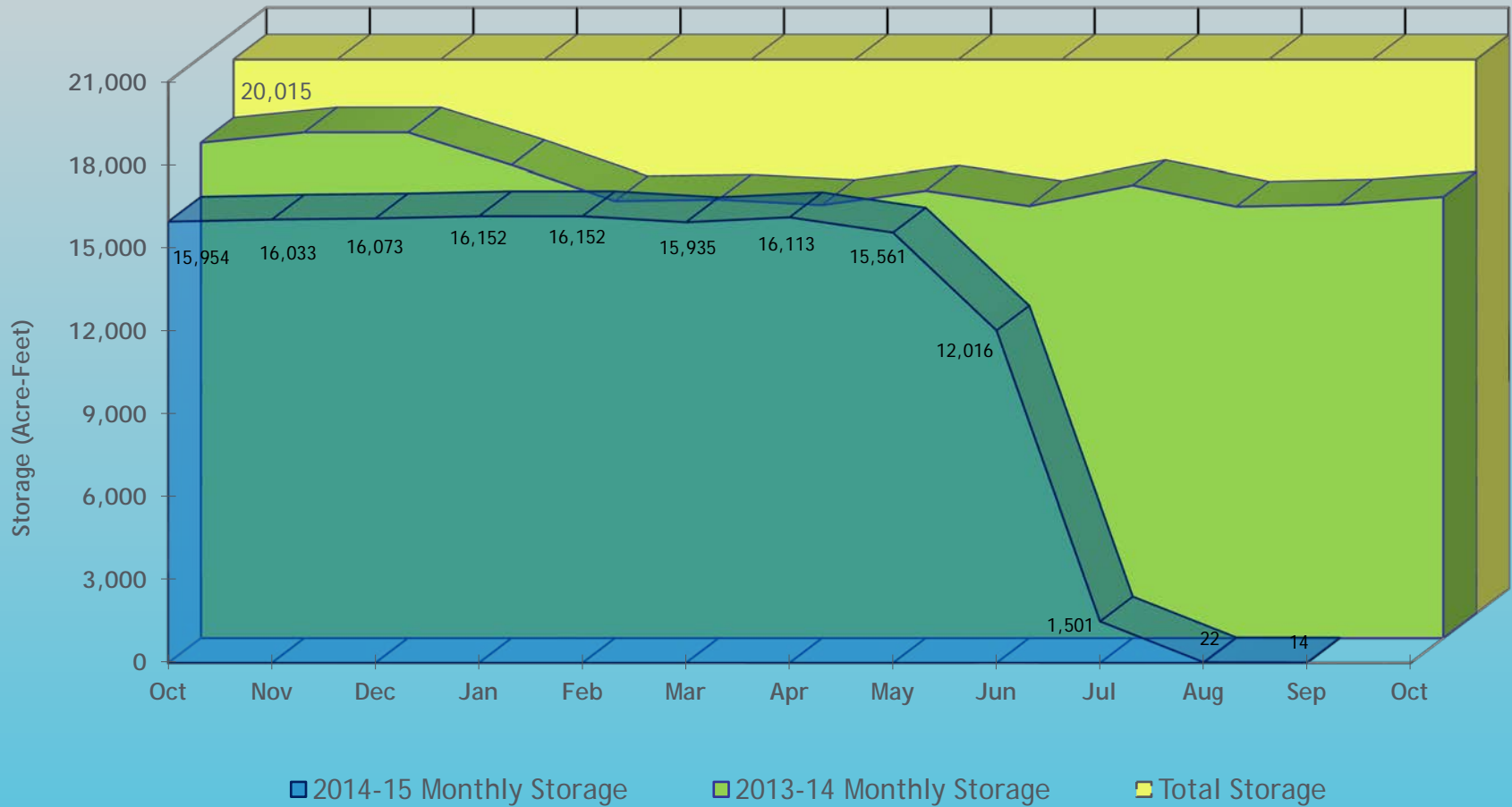
Horse Creek Reservoir (District 1 - Agricultural)



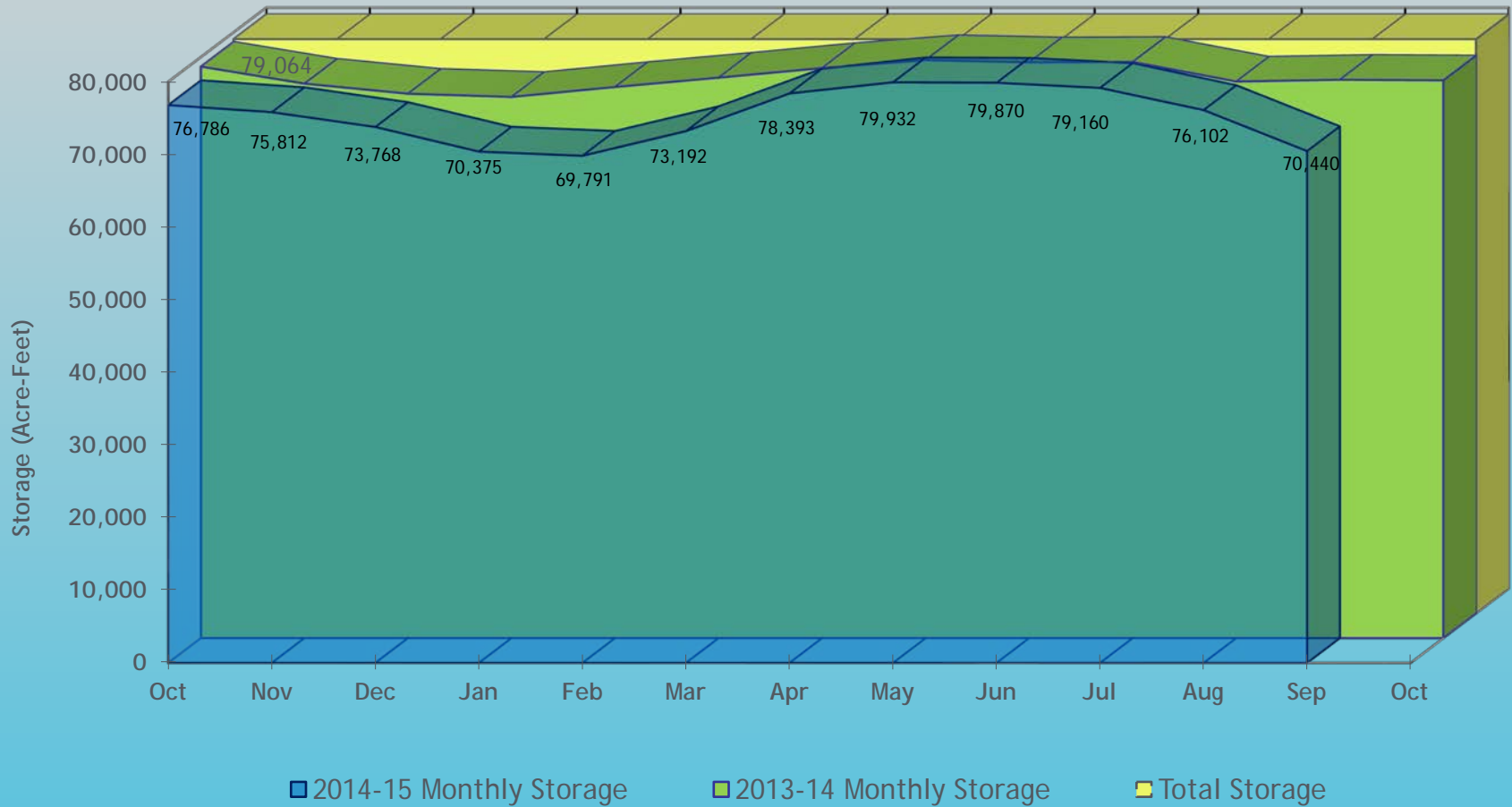
Dillon Reservoir (District 1 - Municipal)



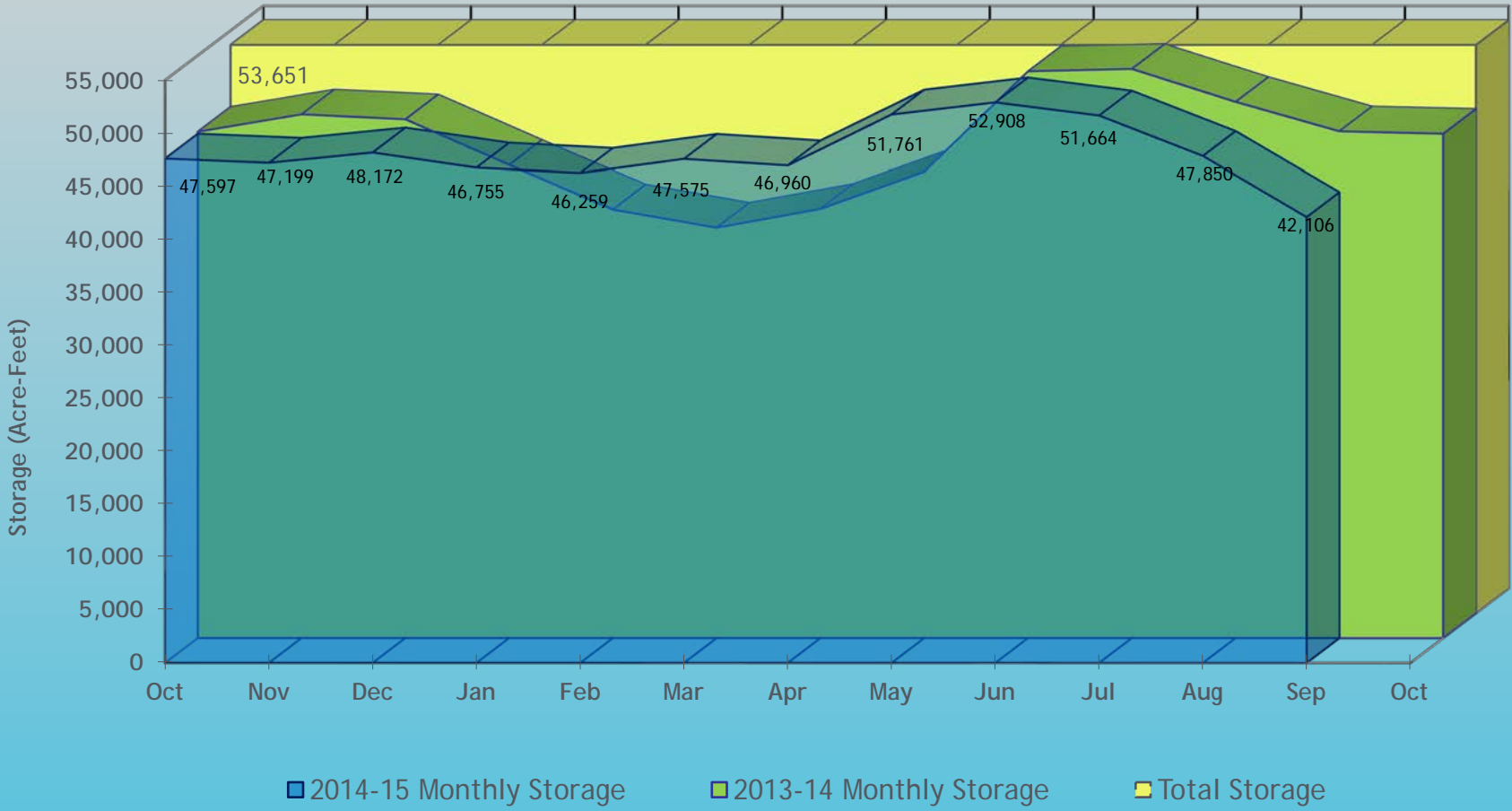
Antero Reservoir (District 23 - Municipal)



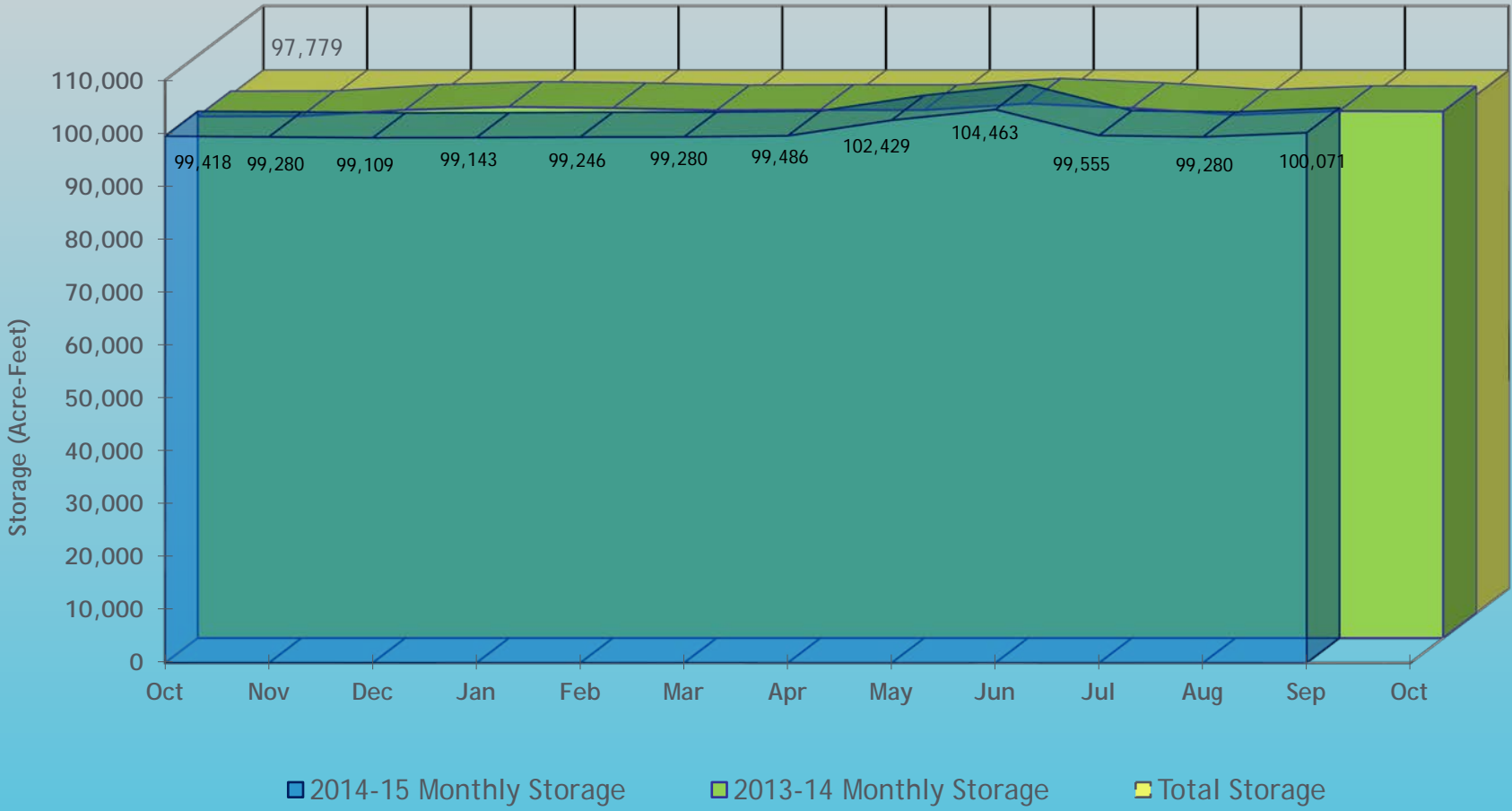
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

