



COLORADO
Department of Natural Resources

South Platte Summary November 2015

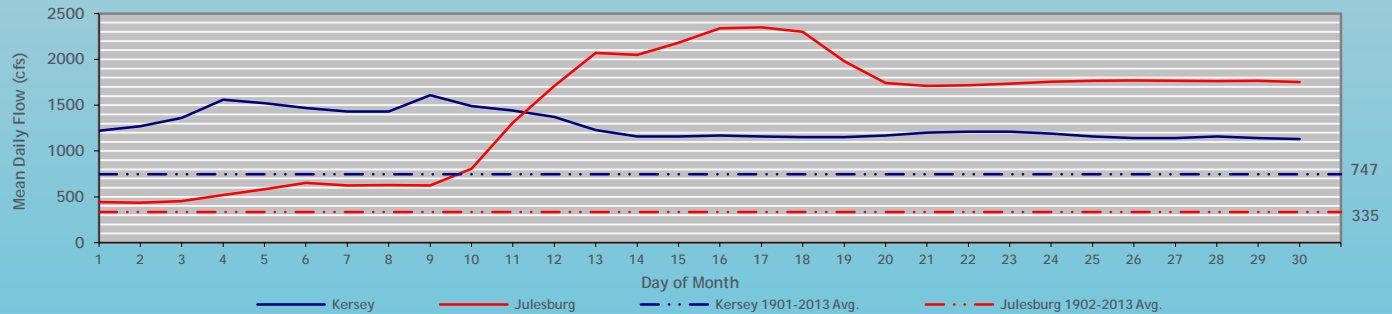
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

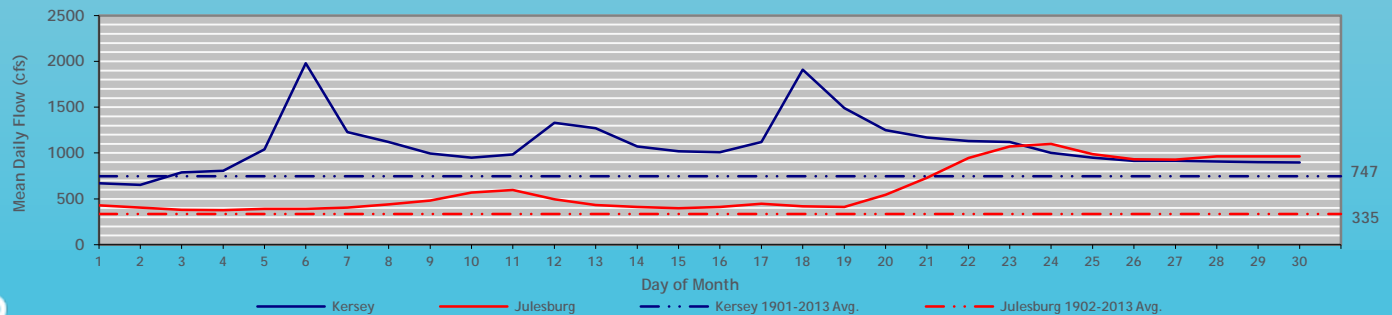
MONTH OF November 2015

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	17,055	18,685	64	1,630	10%	82%	82%	0
N STERLING	73,730	20,933	40,933	64	20,000	96%	56%	97%	0
PREWITT	28,500	19,778	25,087	64	5,309	27%	88%	80%	0
JACKSON	27,257	20,441	25,213	1	4,772	23%	93%	90%	0
EMPIRE	37,700	18,182	16,469	1	-1,713	-9%	44%	63%	0
RIVERSIDE	63,113	33,064	44,328	1	11,264	34%	70%	84%	0
BARR LAKE	32,152	13,439	13,378	2	-61	0%	42%	22%	0
CHEESMAN	79,064	71,602	71,249	80	-353	0%	90%	96%	0
ELEVEN MILE	97,779	99,246	99,349	23	103	0%	100%	100%	1,570
SPINNEY	53,651	44,327	42,853	23	-1,474	-3%	80%	88%	0
ANTERO	20,015	14	14	23	0	0%	0%	80%	0

**KERSEY and JULESBURG
November 2014**



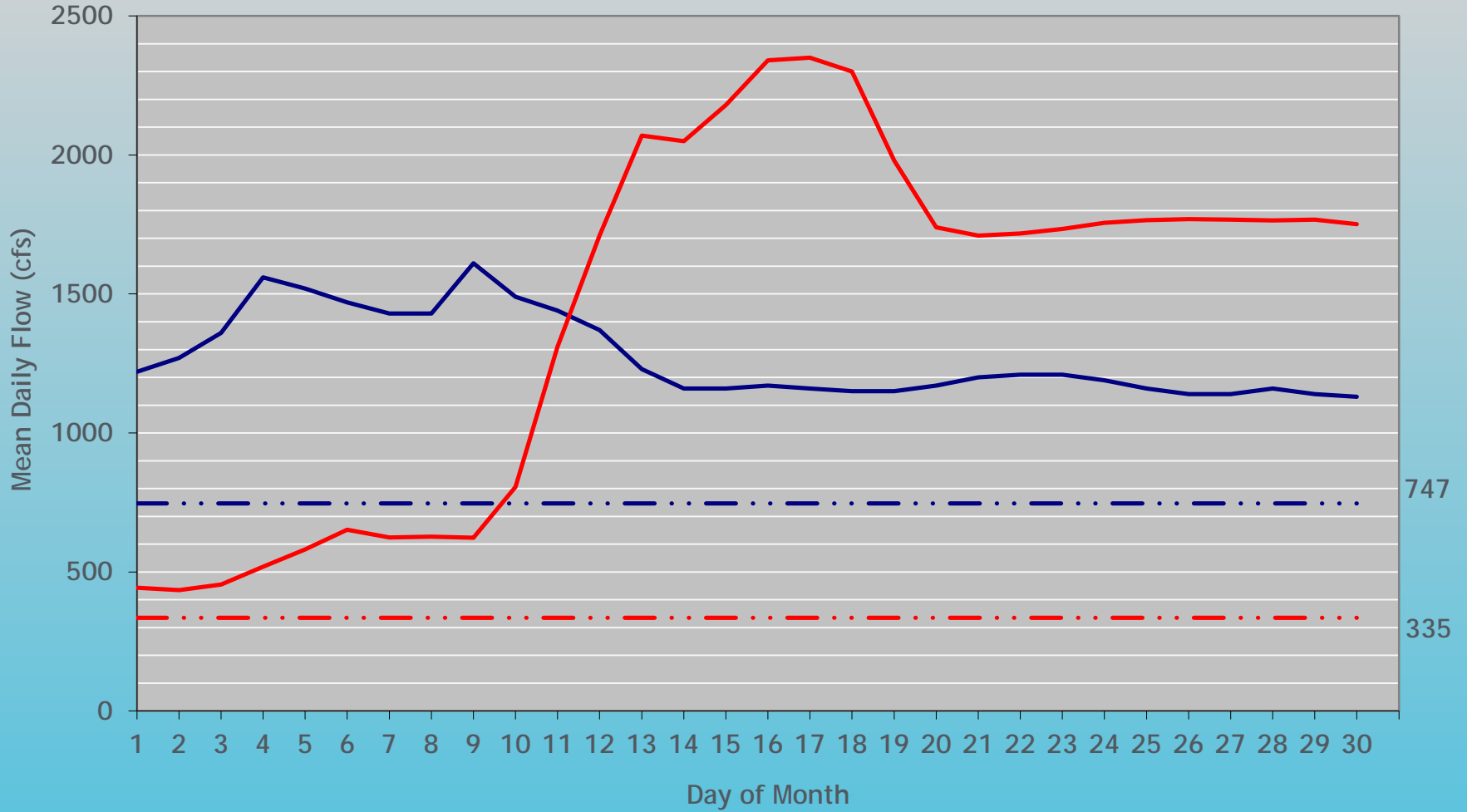
**KERSEY and JULESBURG
November 2015**



RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	1086
JULESBURG	614
THIS MONTH LAST YEAR	
KERSEY	1273
JULESBURG	1443
MEAN FOR PERIOD OF RECORD*	
KERSEY	747
JULESBURG	335

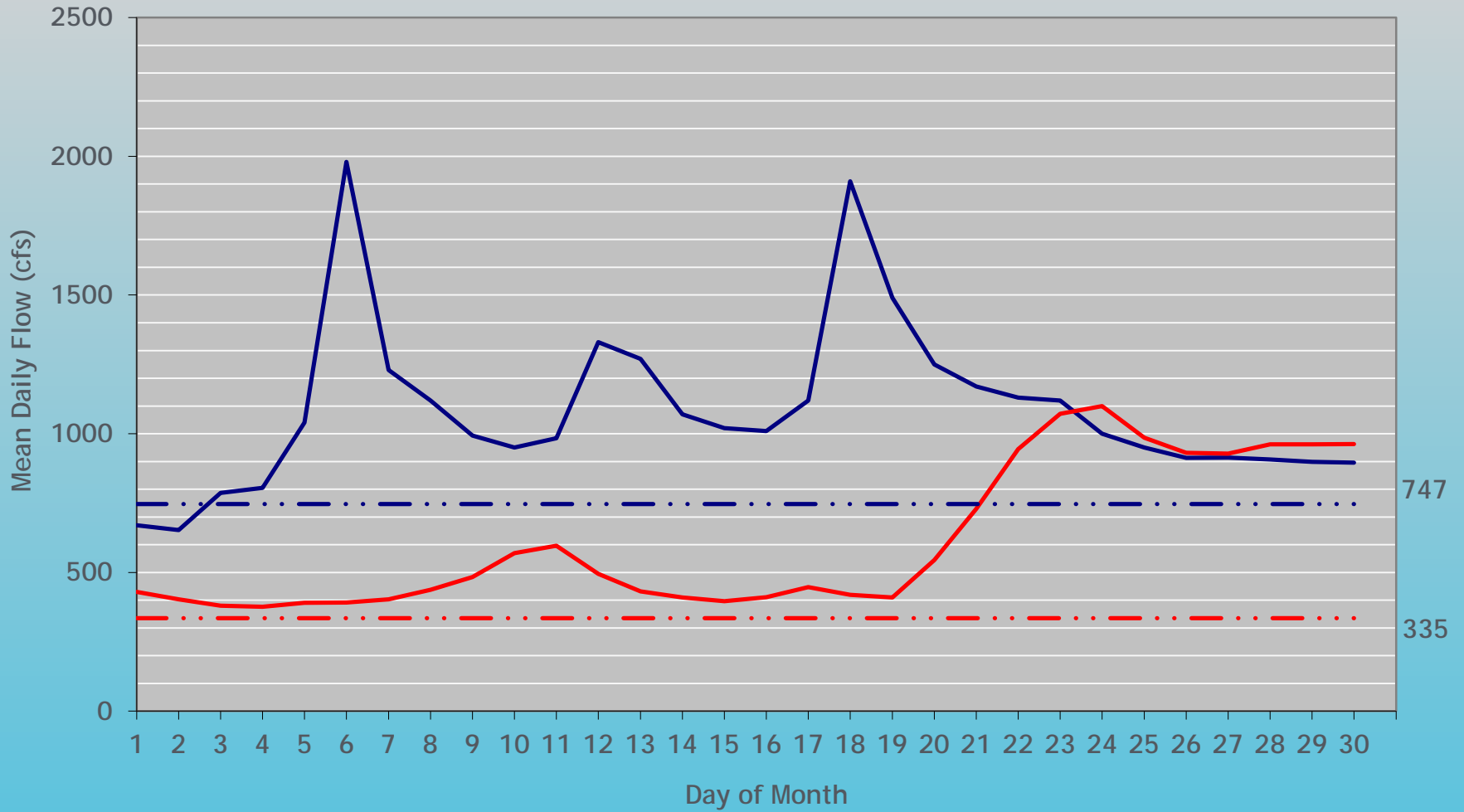
*Kersey 1901 - 2013
*Julesburg 1902 - 2013

KERSEY and JULESBURG November 2014



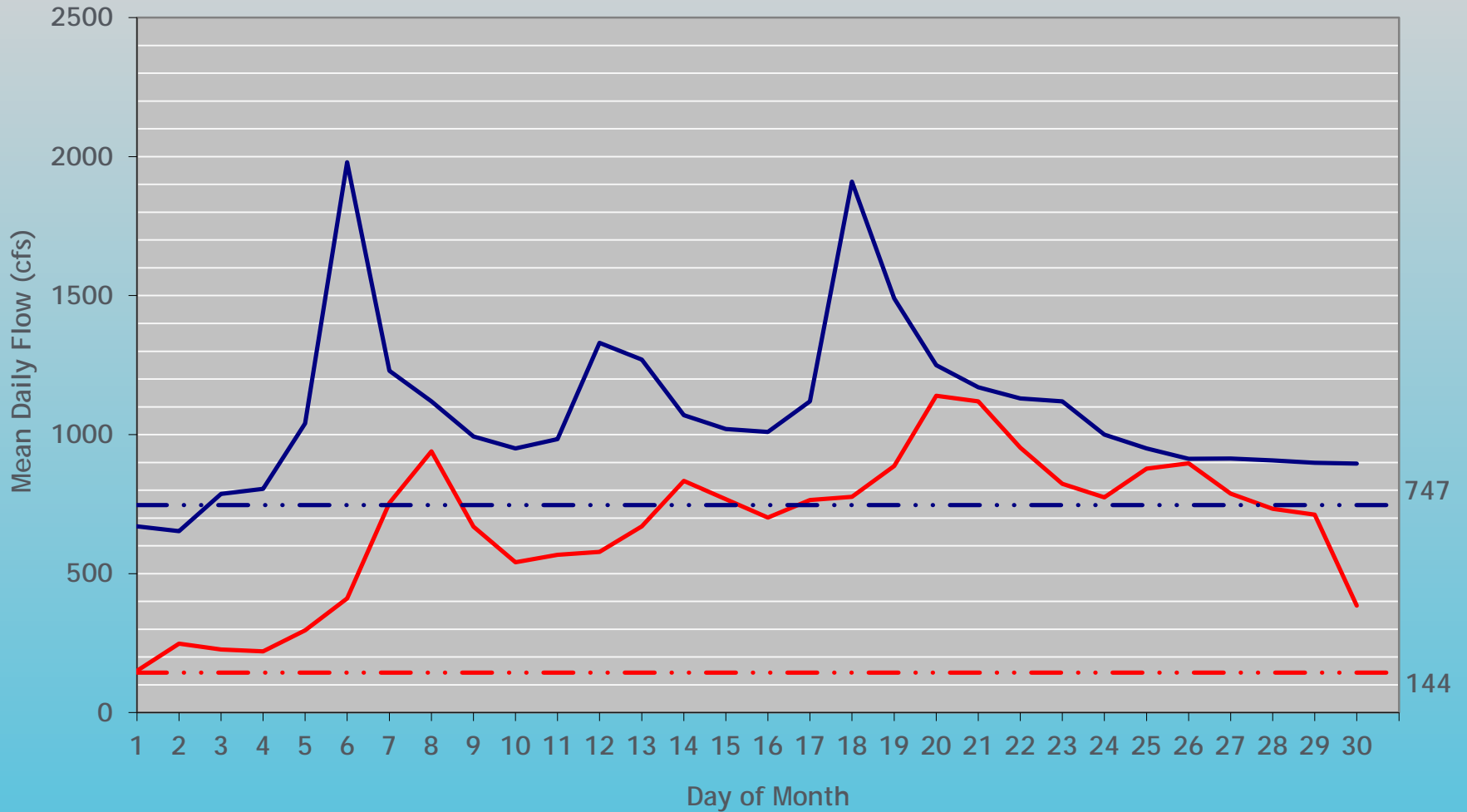
— Kersey — Julesburg — · Kersey 1901-2013 Avg. — · Julesburg 1902-2013 Avg.

KERSEY and JULESBURG November 2015



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

KERSEY and BALZAC November 2015



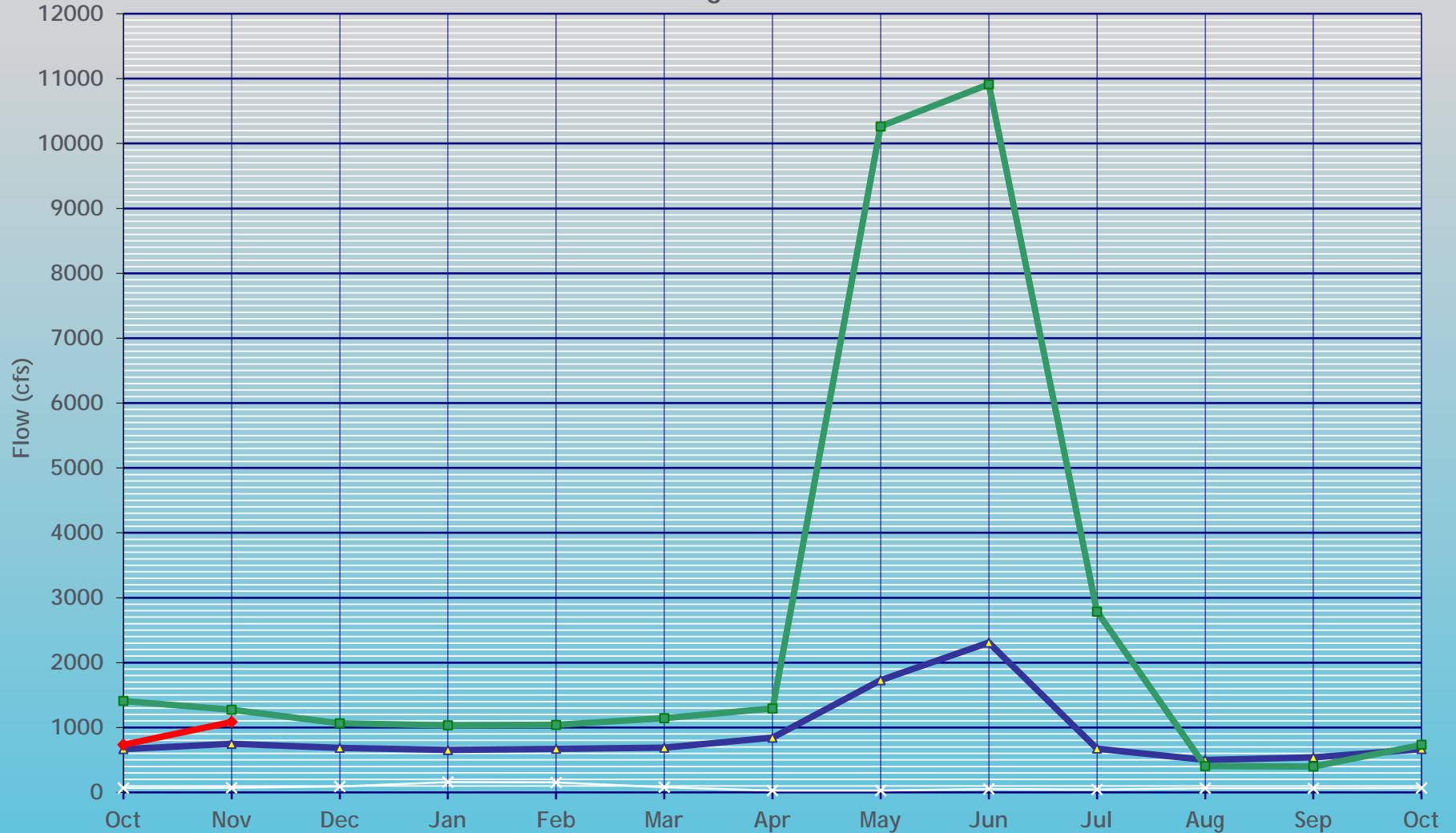
— Kersey — Balzac — · Kersey 1901-2013 Avg. — · Balzac 1917-2013 Avg.

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 2016 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2016 Mean Monthly Flow
Oct	667	6180	1984	66	1954	734	Oct	299	3130	1984	4.2	1903	336
Nov	747	3650	1984	70	1934	1086	Nov	335	2900	1984	4.2	1903	614
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 1902-2014							*Period of record 1902-2014						

South Platte River at Kersey

Irrigation Year

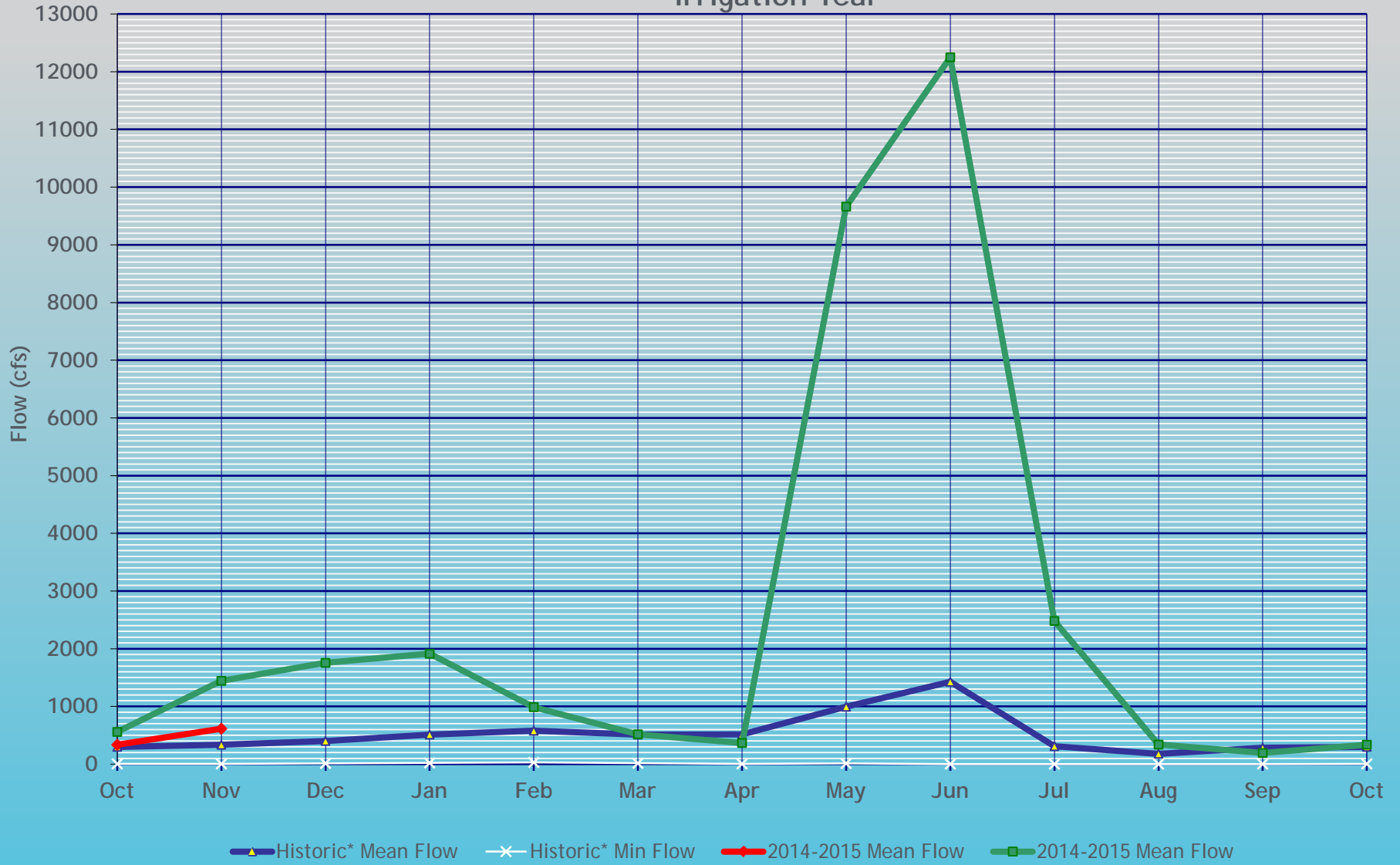


Historic* Mean Flow Historic* Min Flow 2015-2016 Mean Flow 2014-2015 Mean Flow

*1901-2013

South Platte River at Julesburg

Irrigation Year

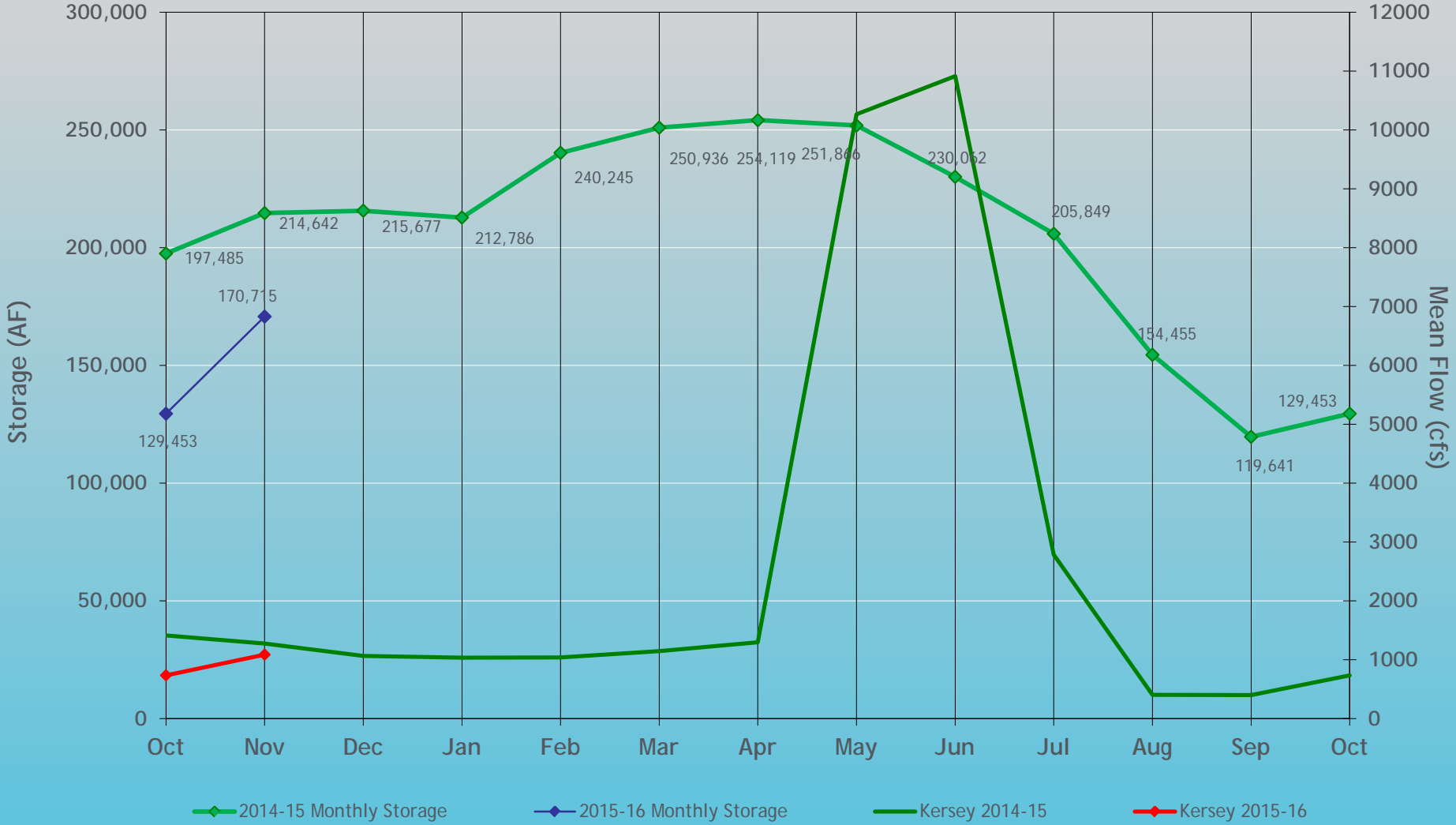


*1901-2013



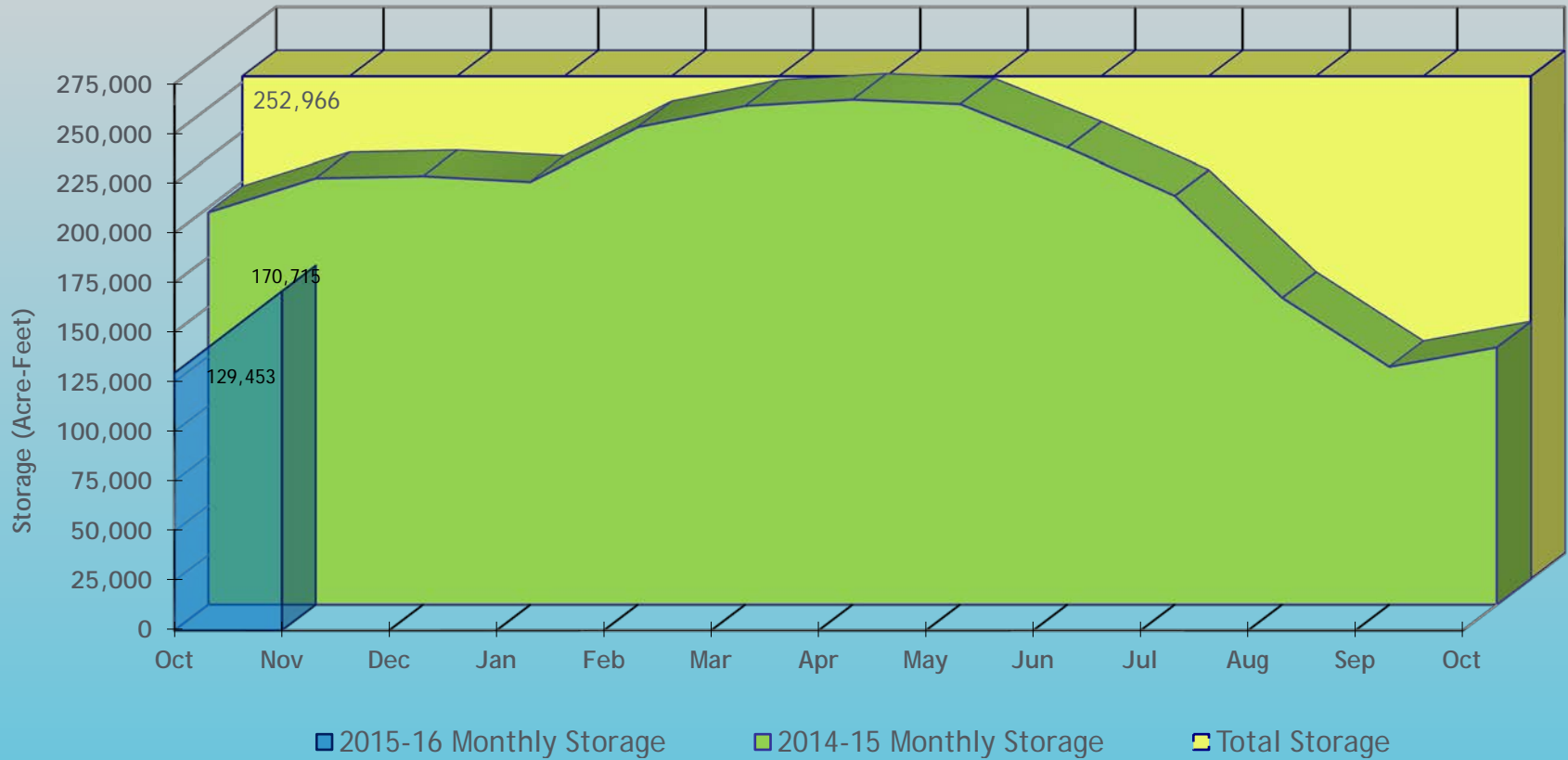
Reservoir Storage below Kersey

Selected Reservoirs*



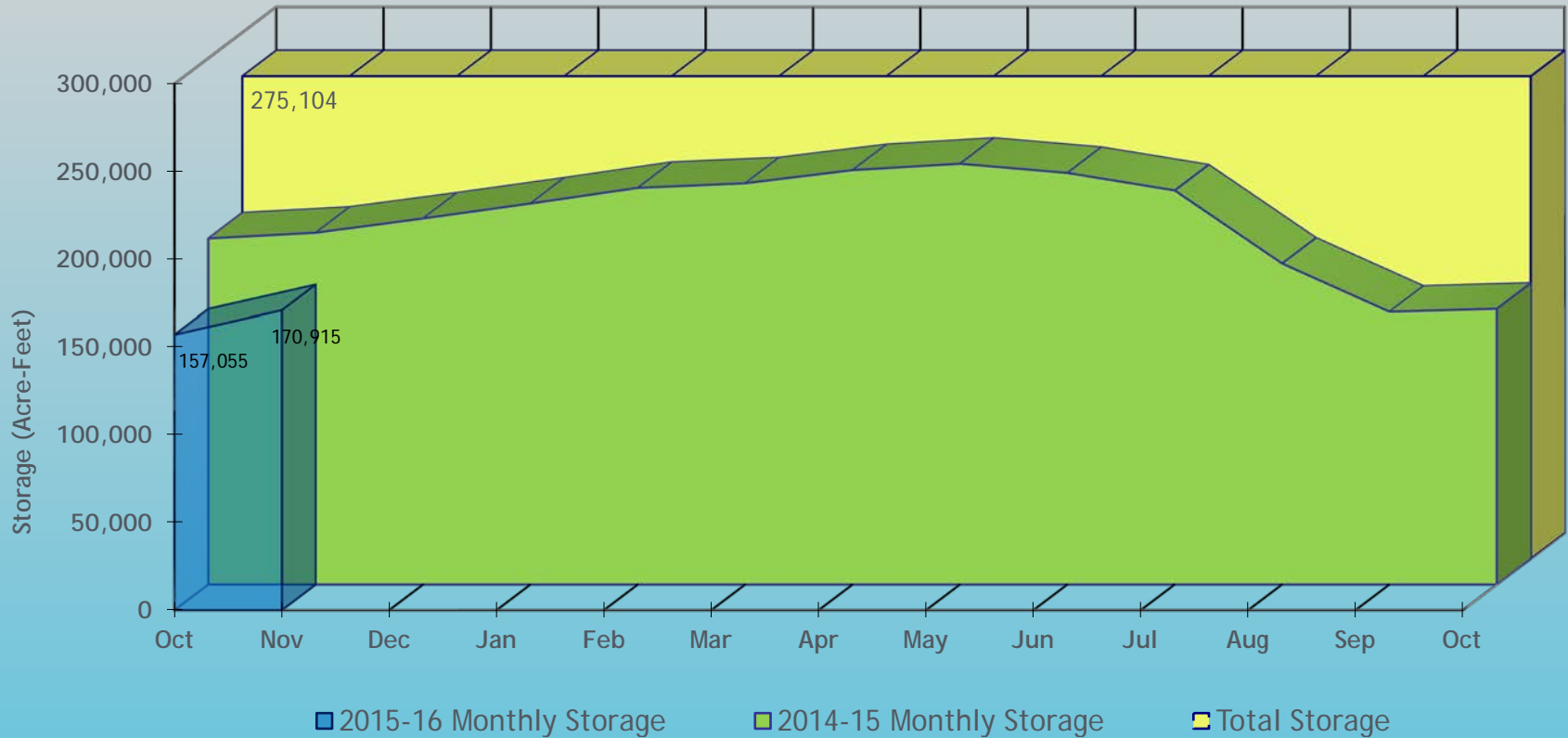
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

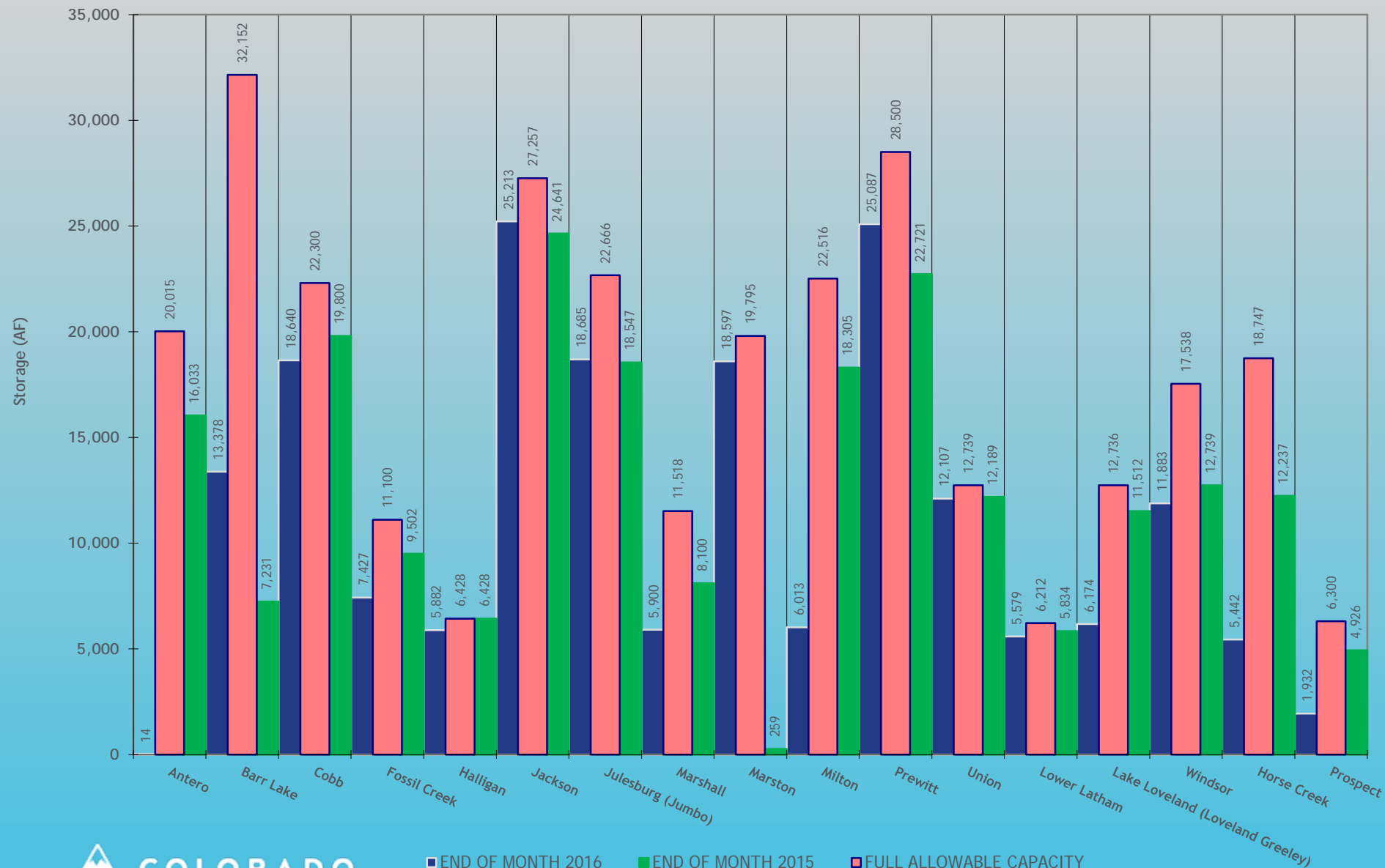
South Platte Reservoir Storage above Kersey*



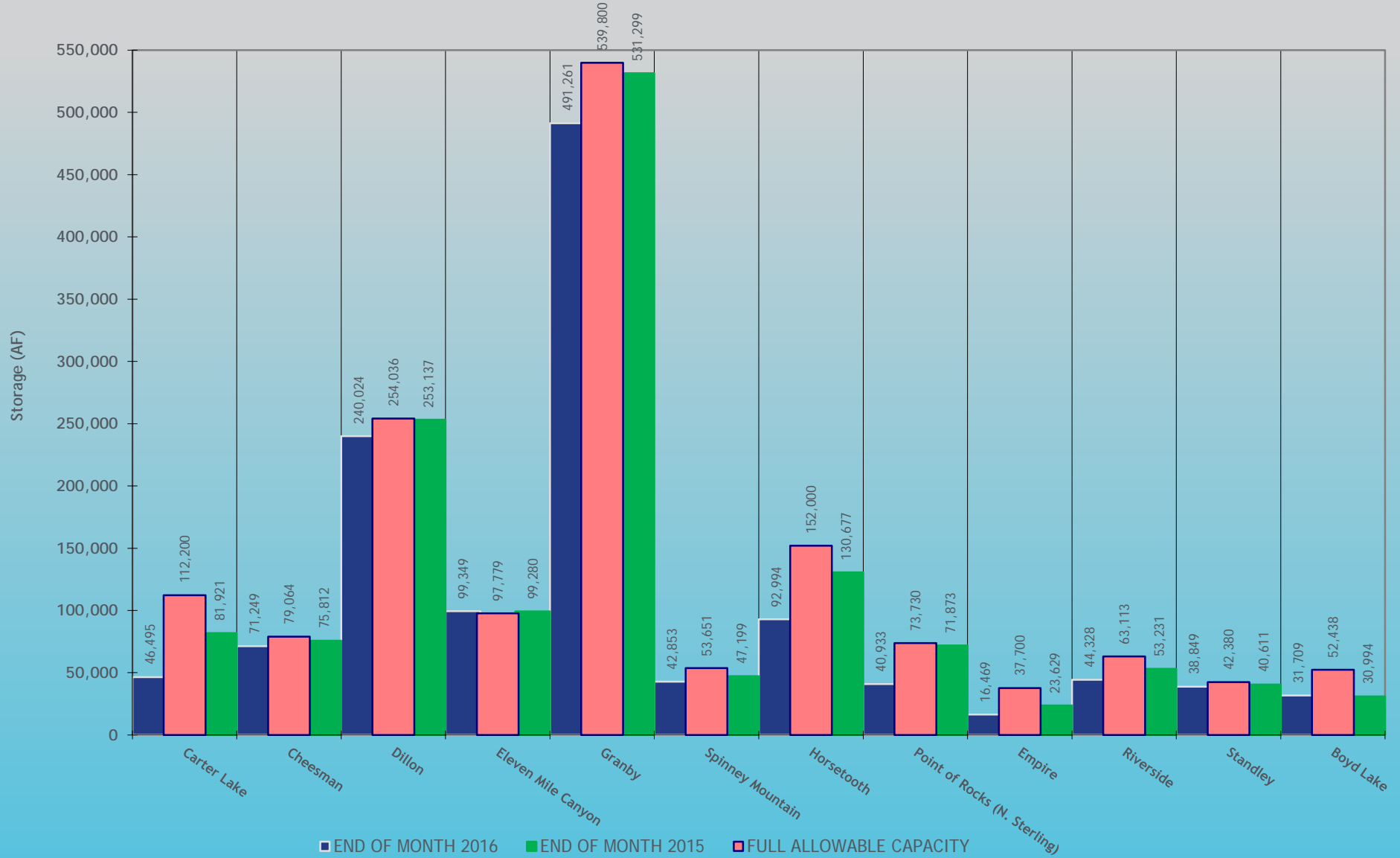
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



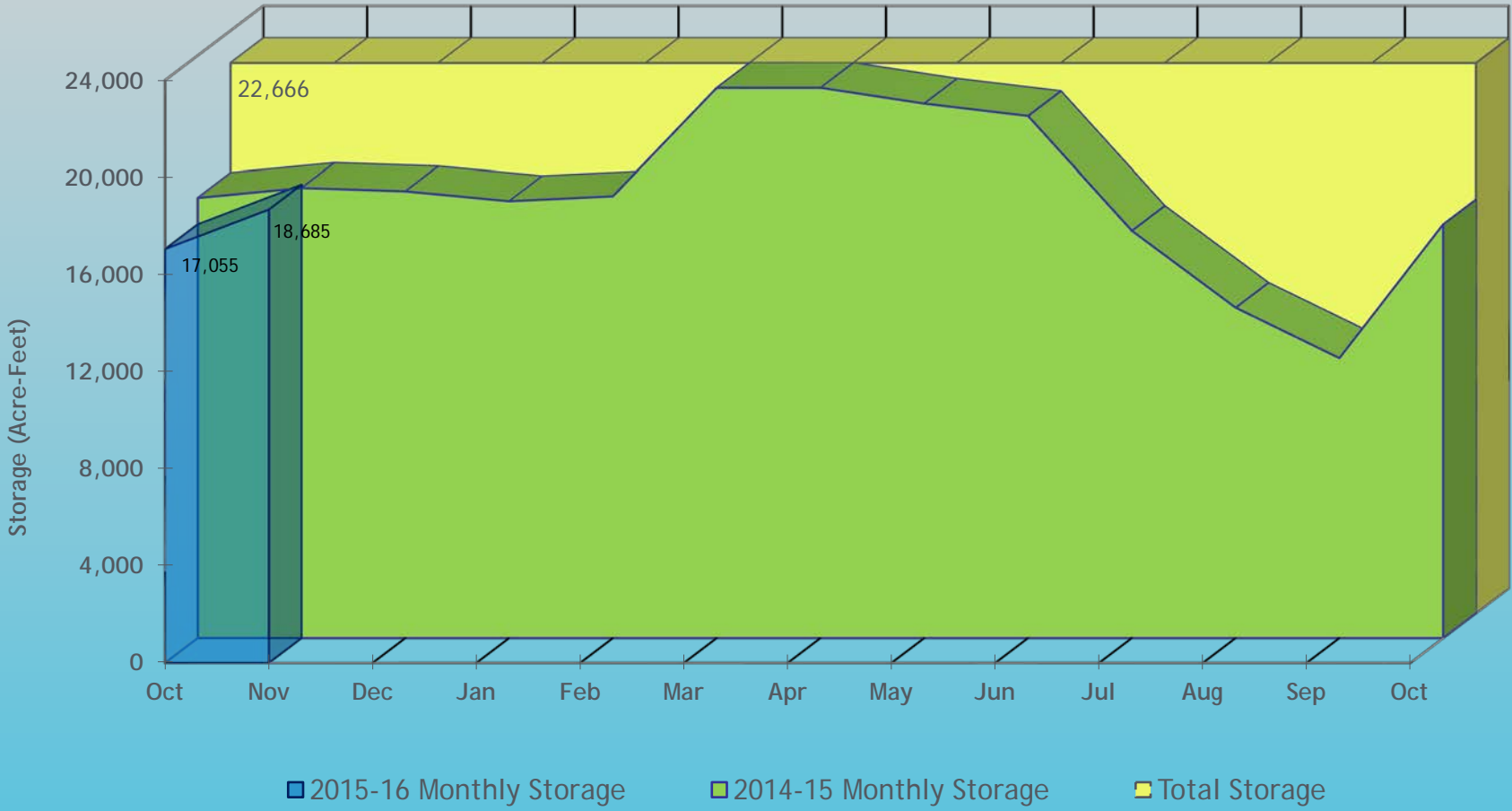
November Reservoir Change in Storage 2015 versus 2016



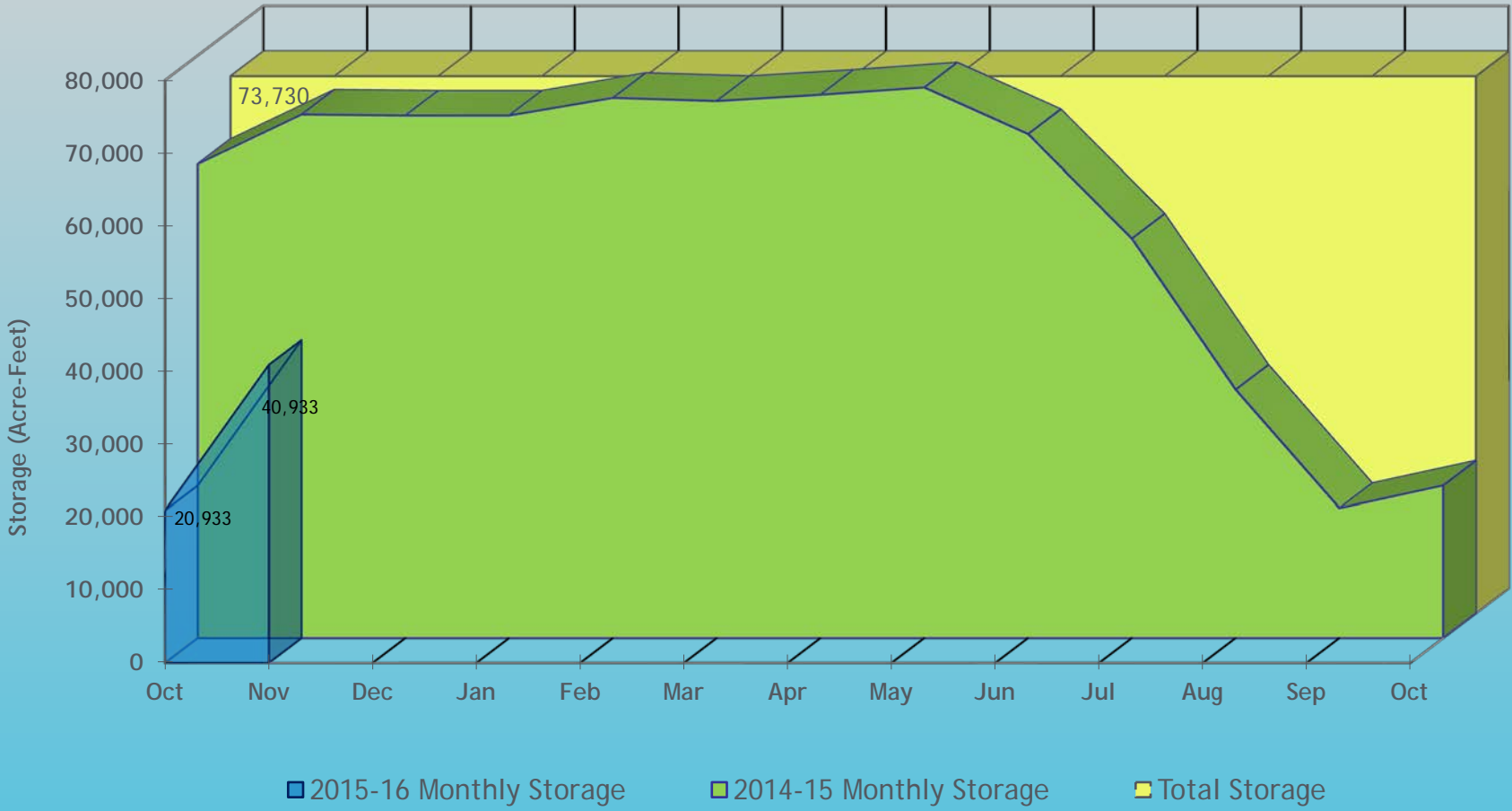
November Reservoir Change in Storage 2015 versus 2016



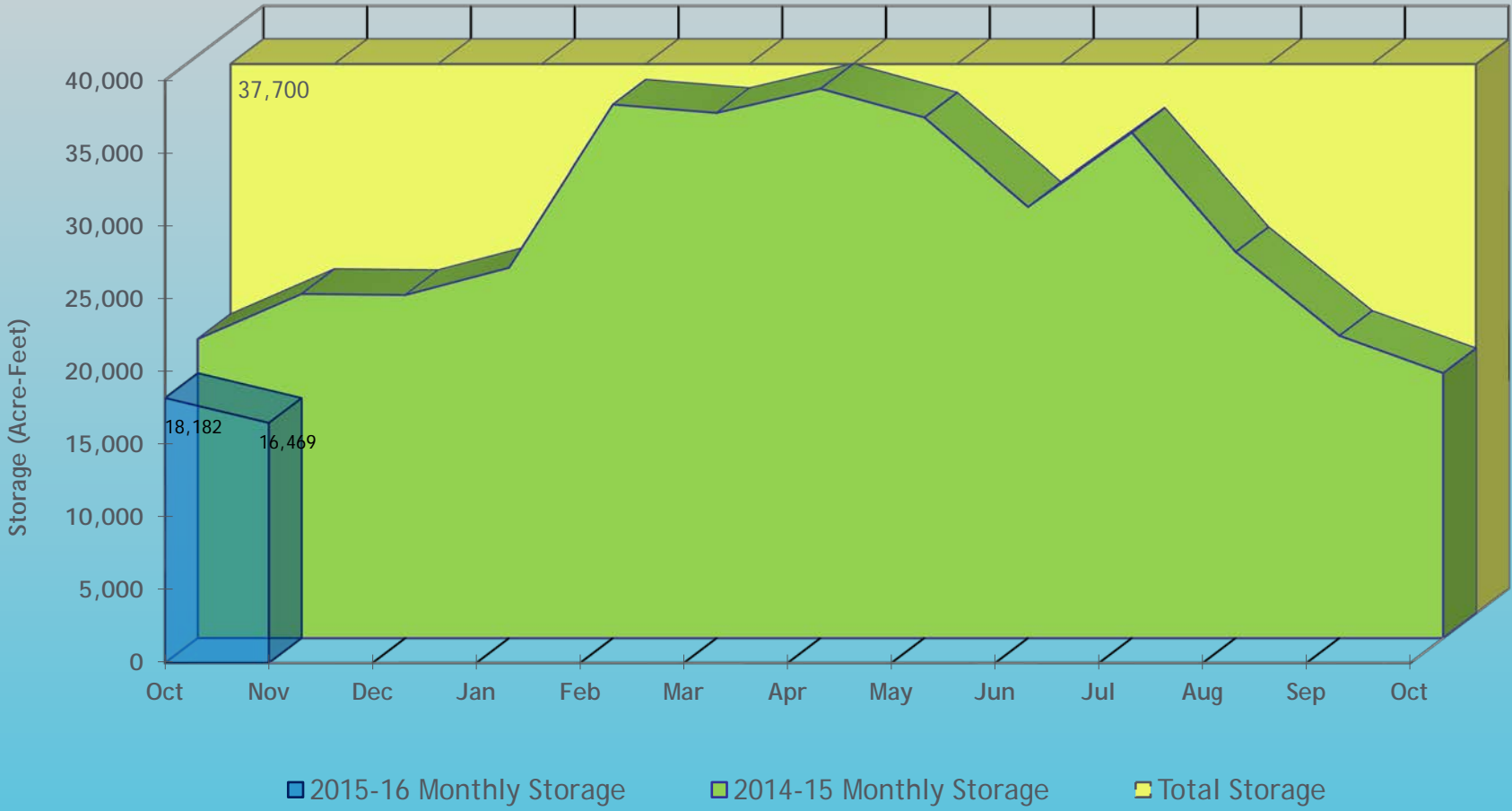
Julesburg Reservoir (District 64 - Agricultural)



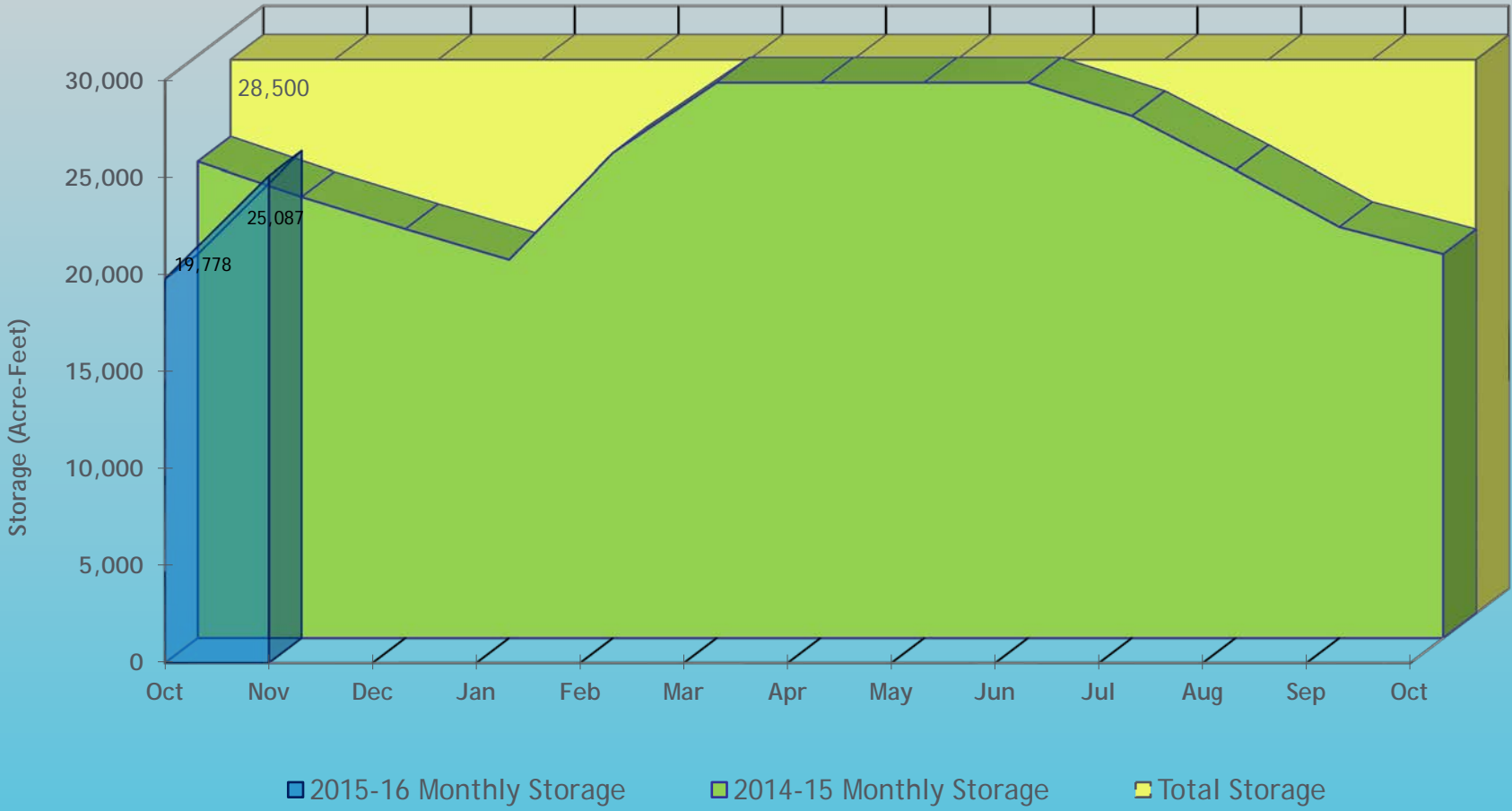
North Sterling Reservoir (District 64 - Agricultural)



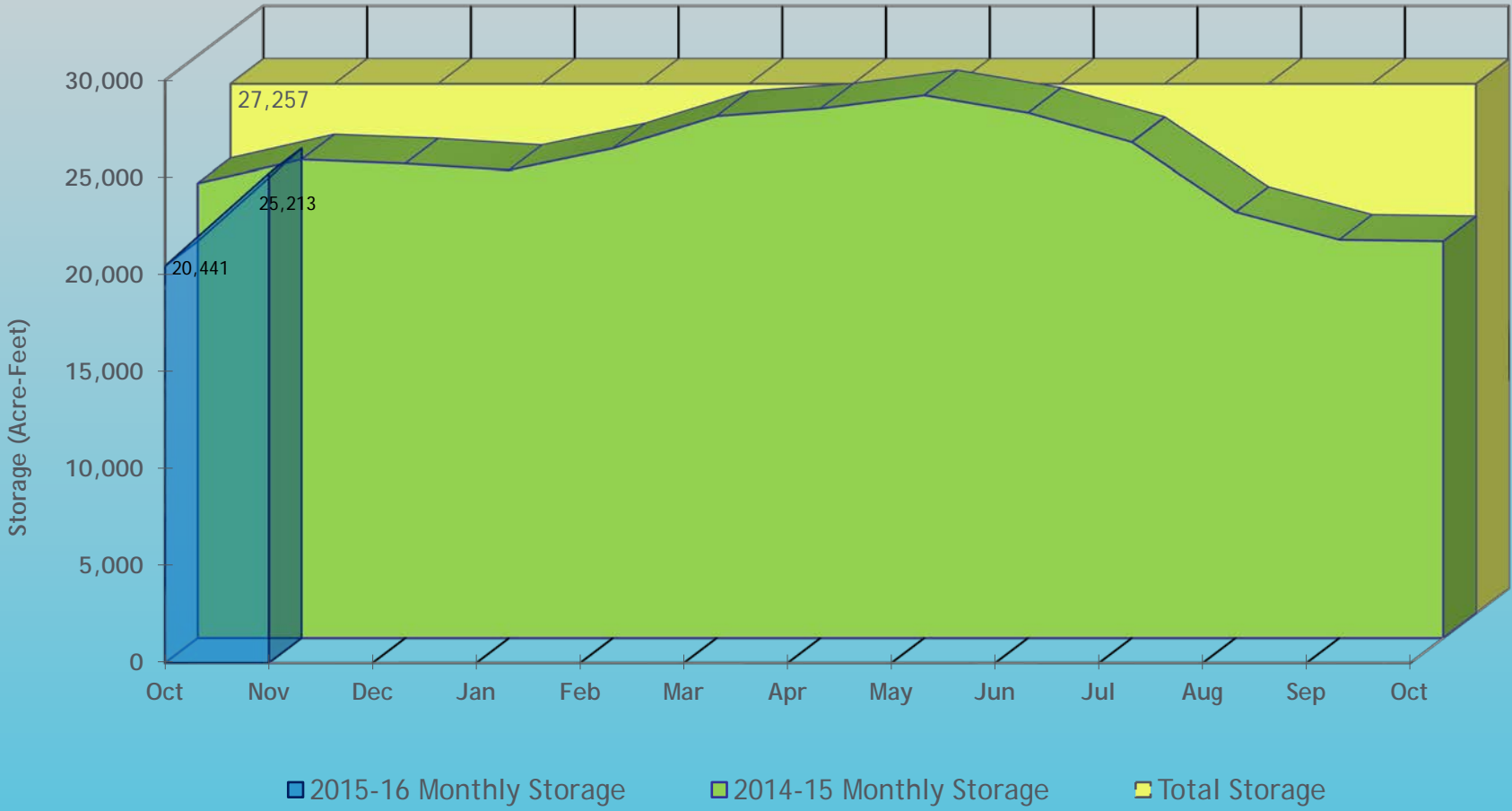
Empire Reservoir (District 1 - Agricultural)



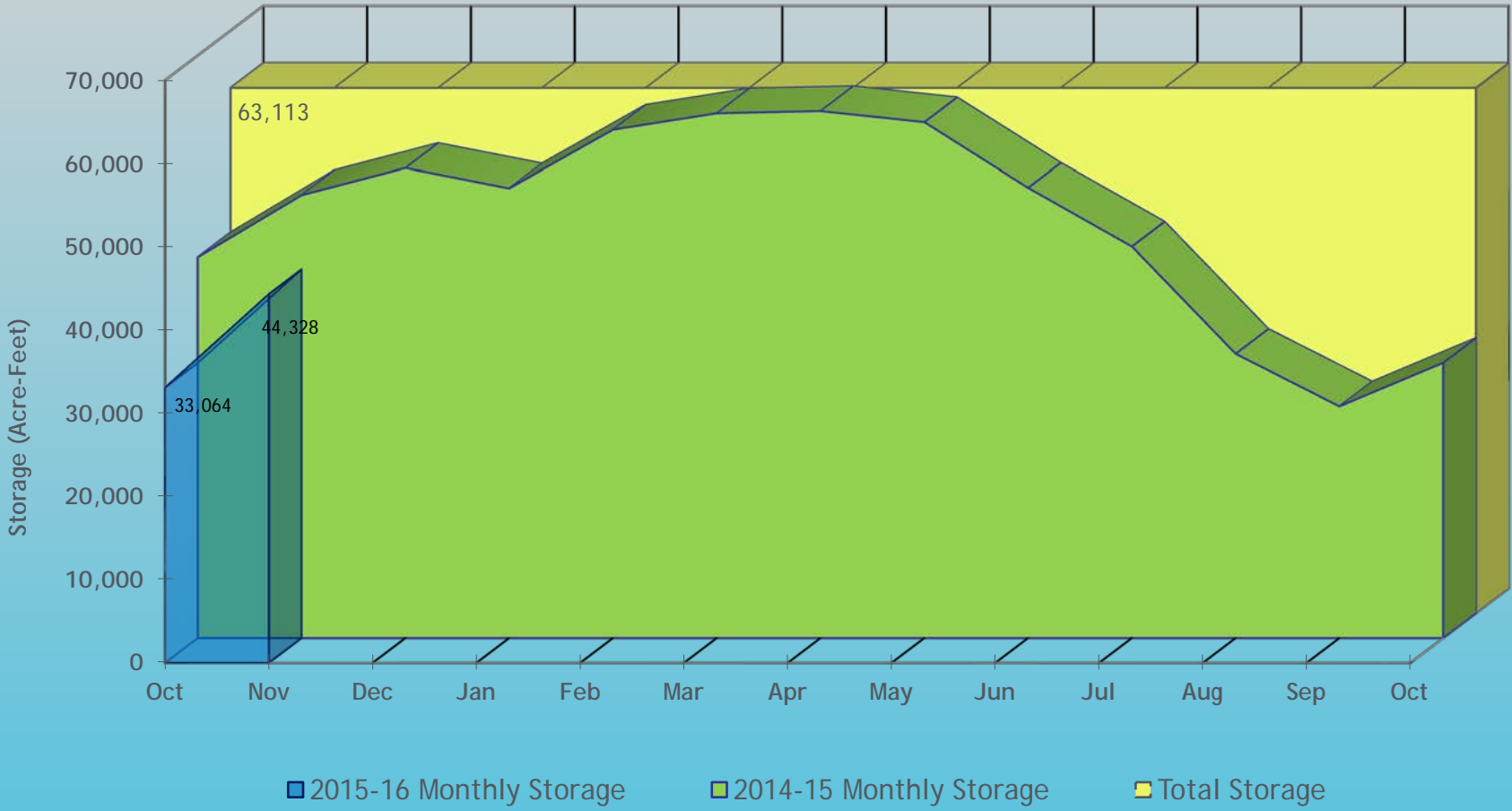
Prewitt Reservoir (District 64 - Agricultural)



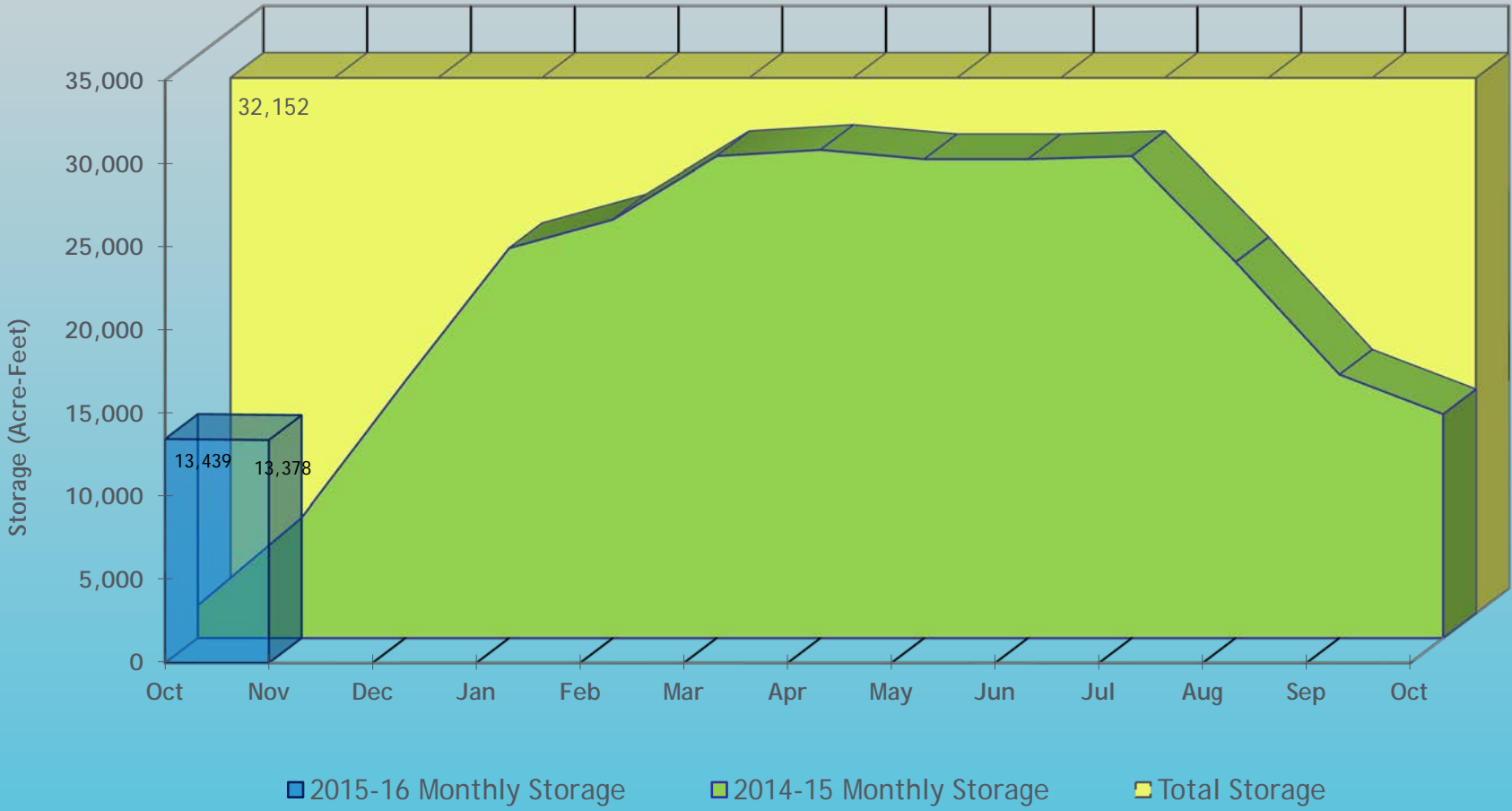
Jackson Reservoir (District 1 - Agricultural)



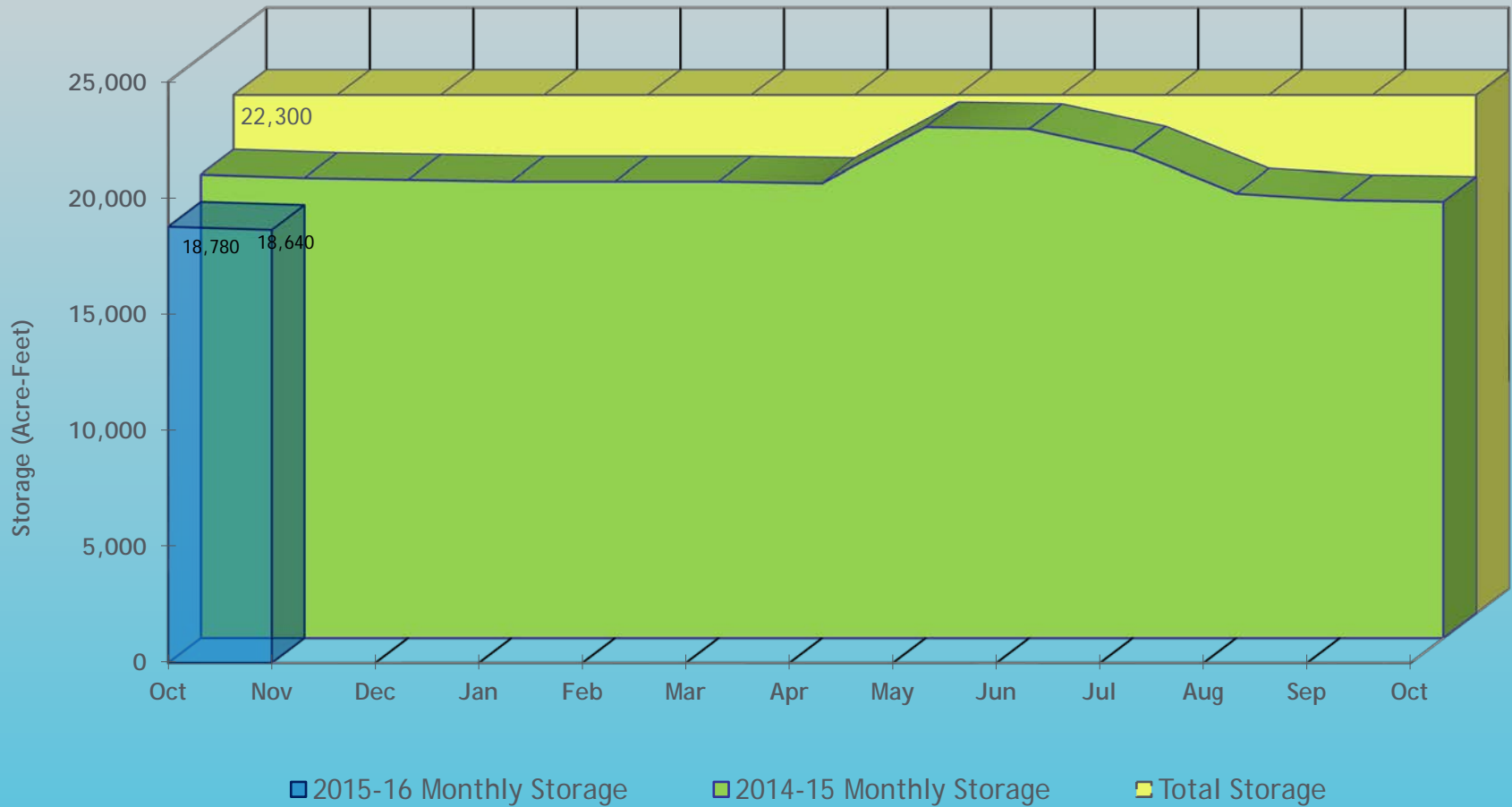
Riverside Reservoir (District 1 - Agricultural)



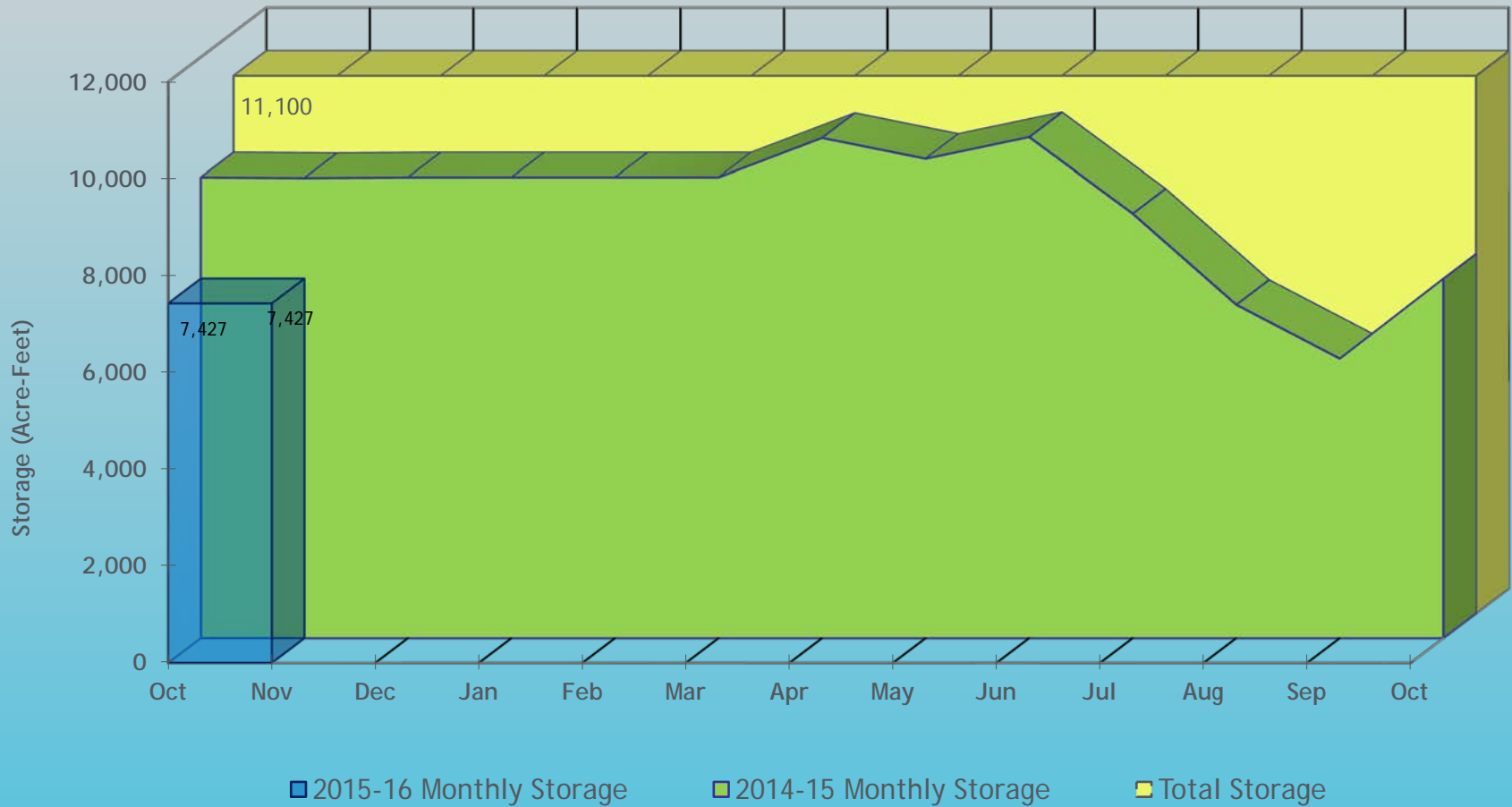
Barr Reservoir (District 2 - Agricultural)



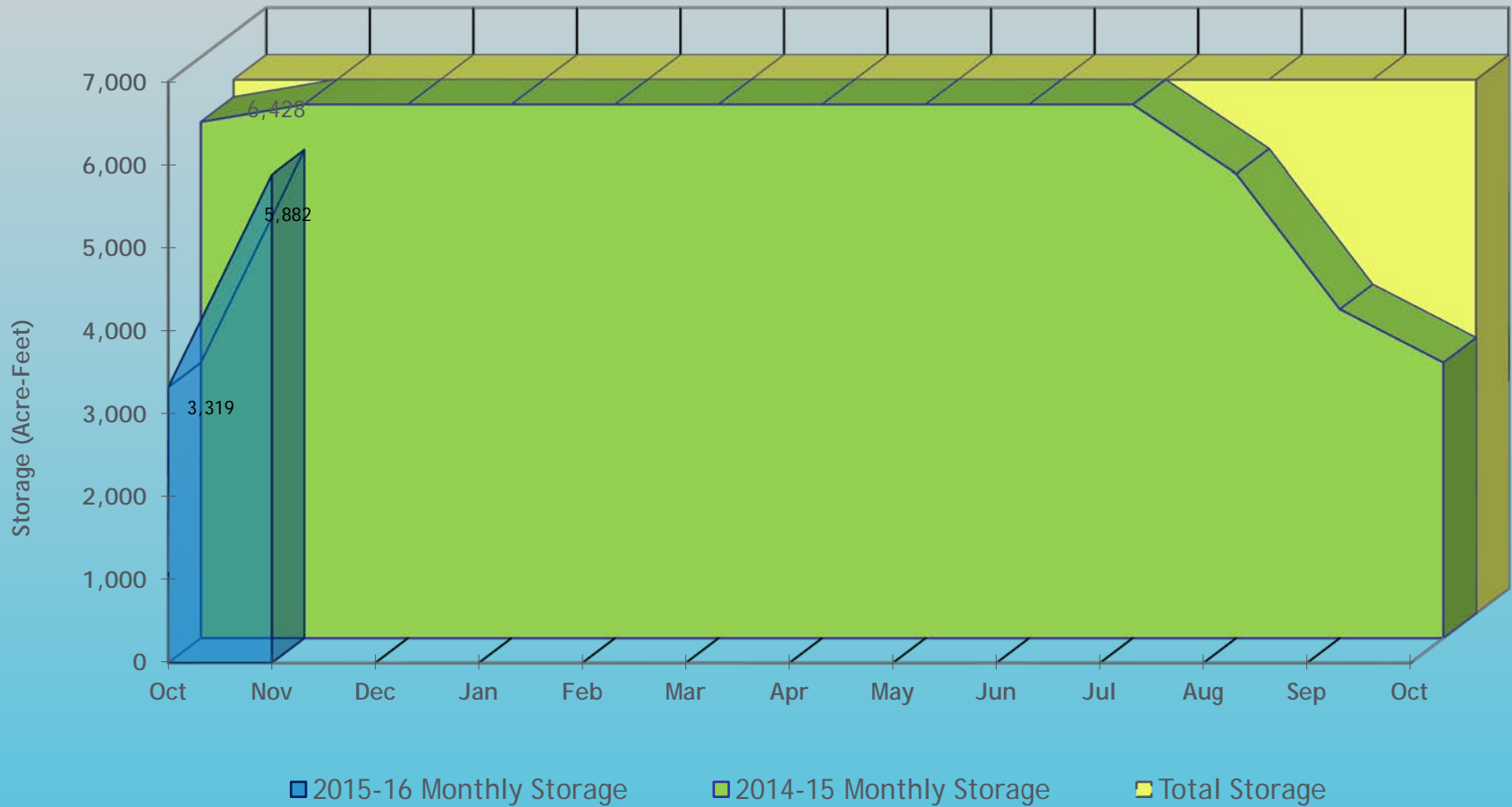
Cobb Reservoir (District 3, Poudre River - Agricultural)



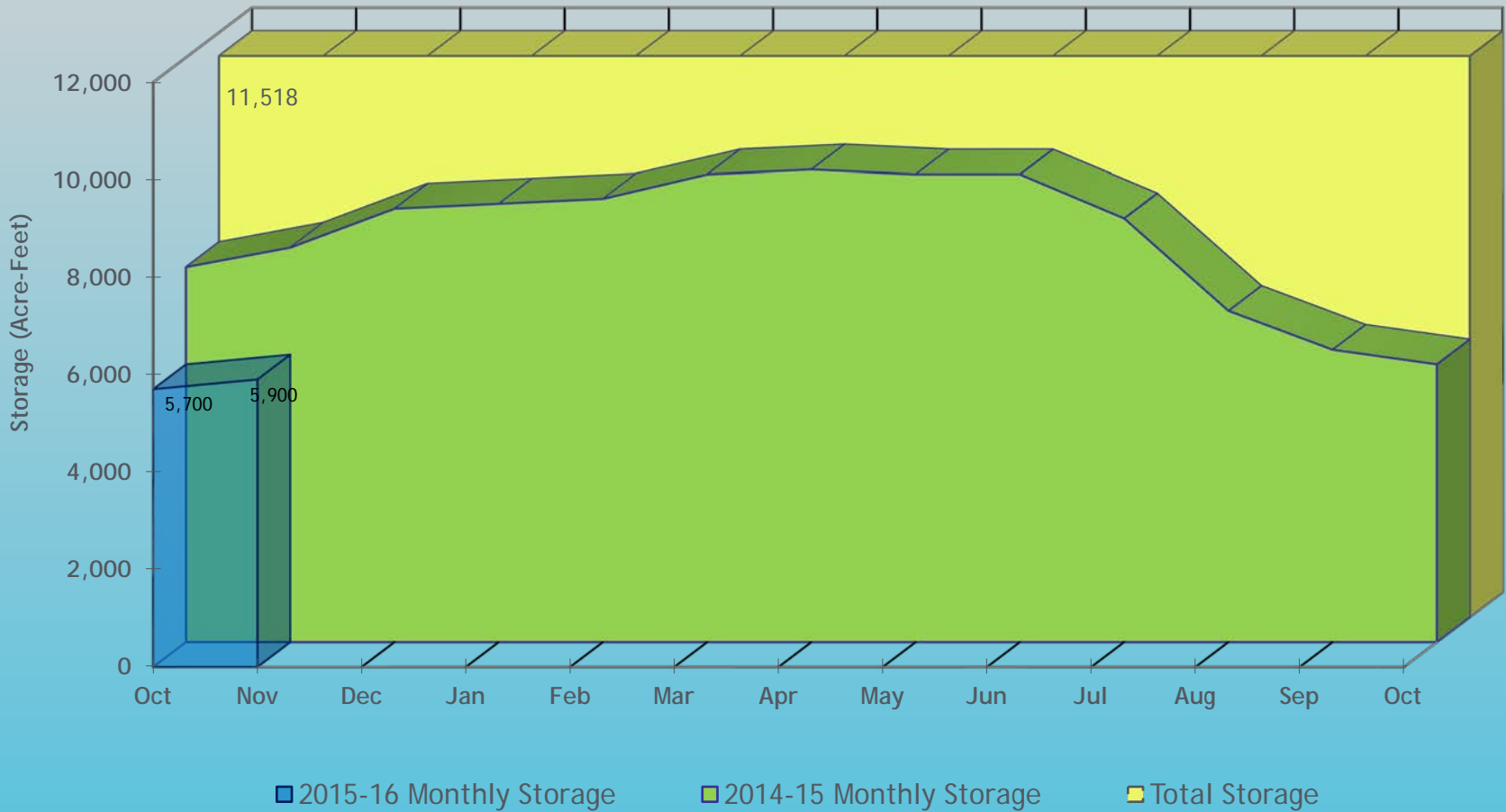
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



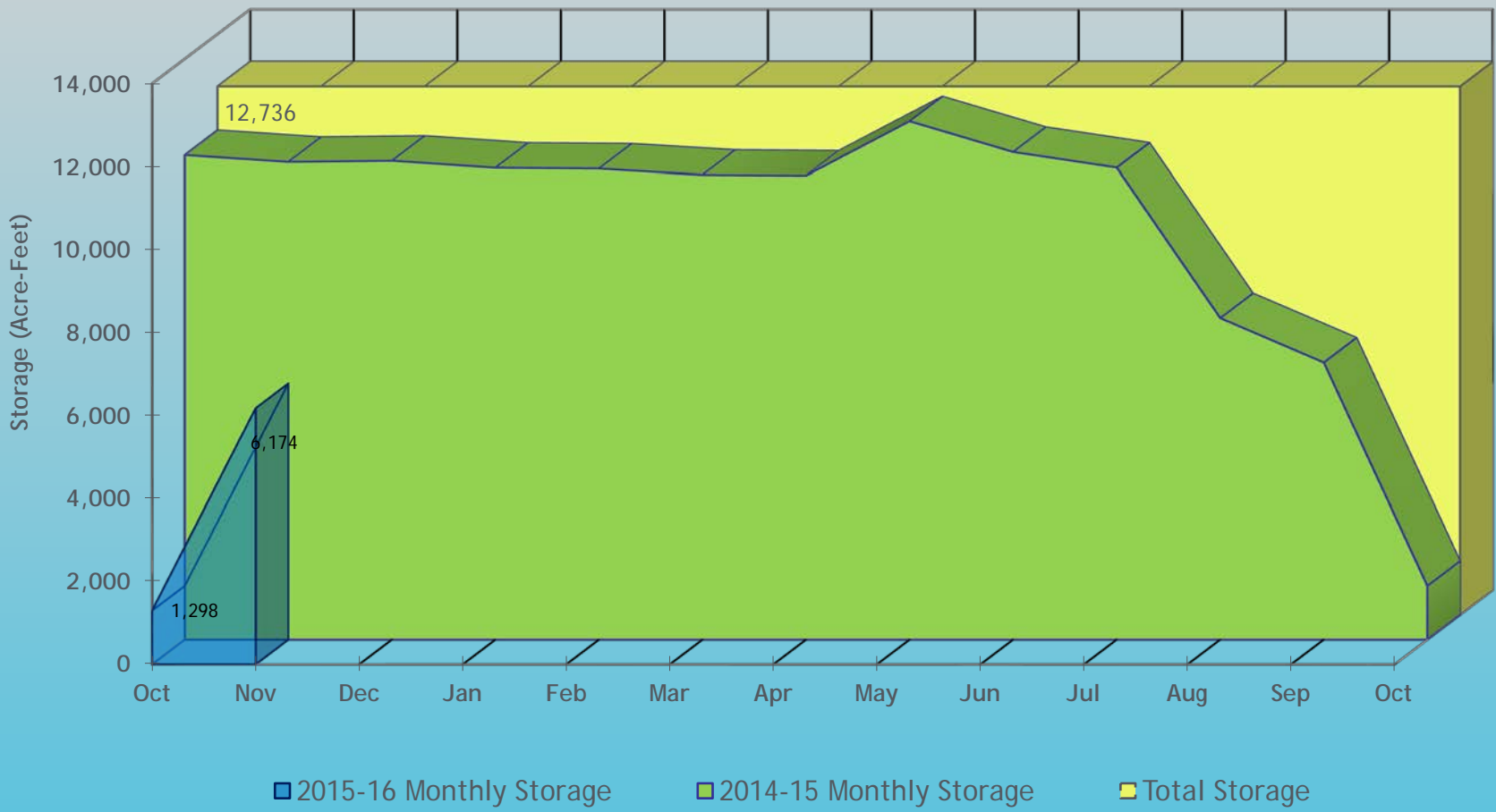
Halligan Reservoir (District 3, Poudre River - Agricultural)



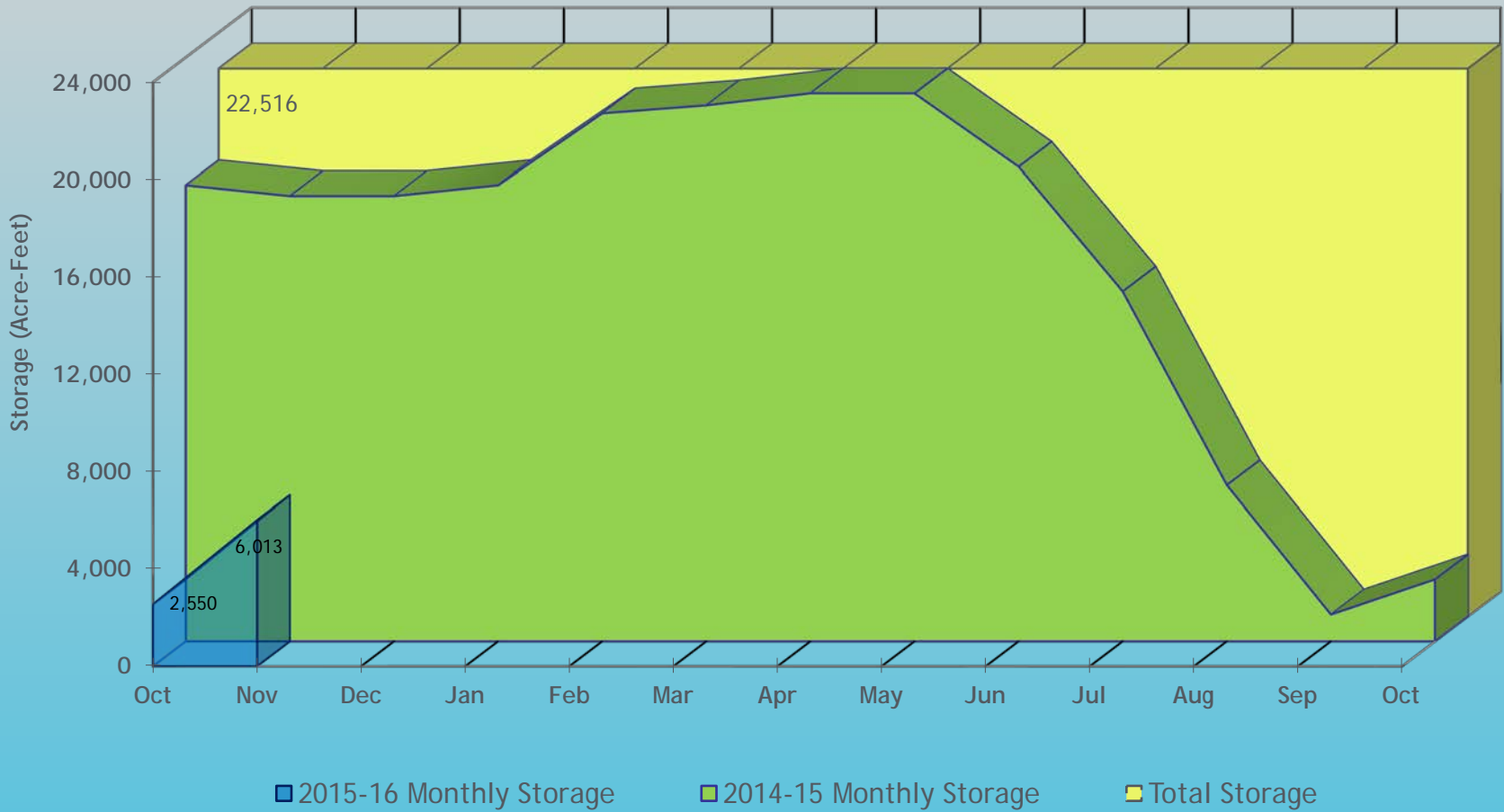
Marshall Lake (District 6, Boulder Creek - Agricultural)



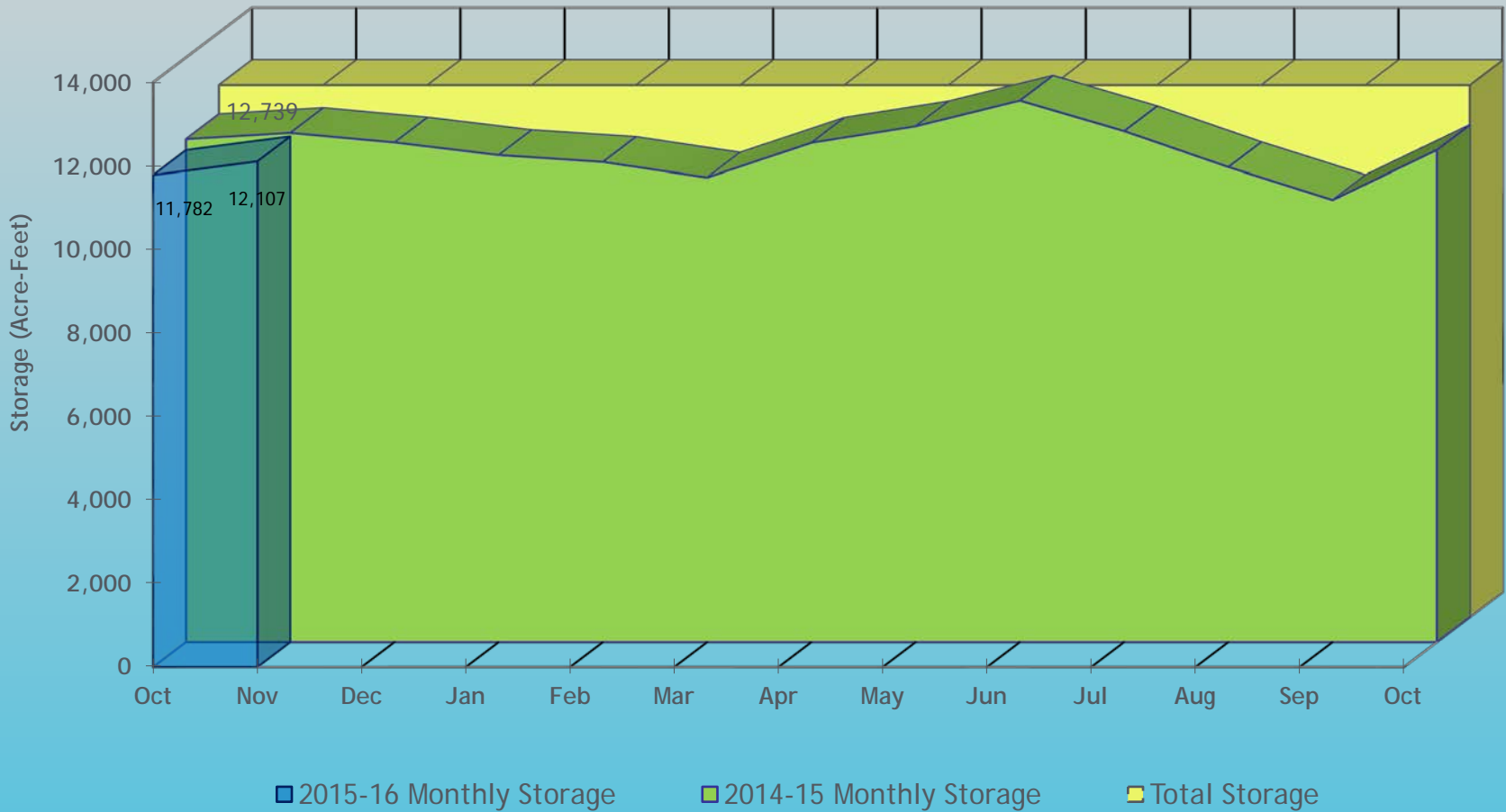
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



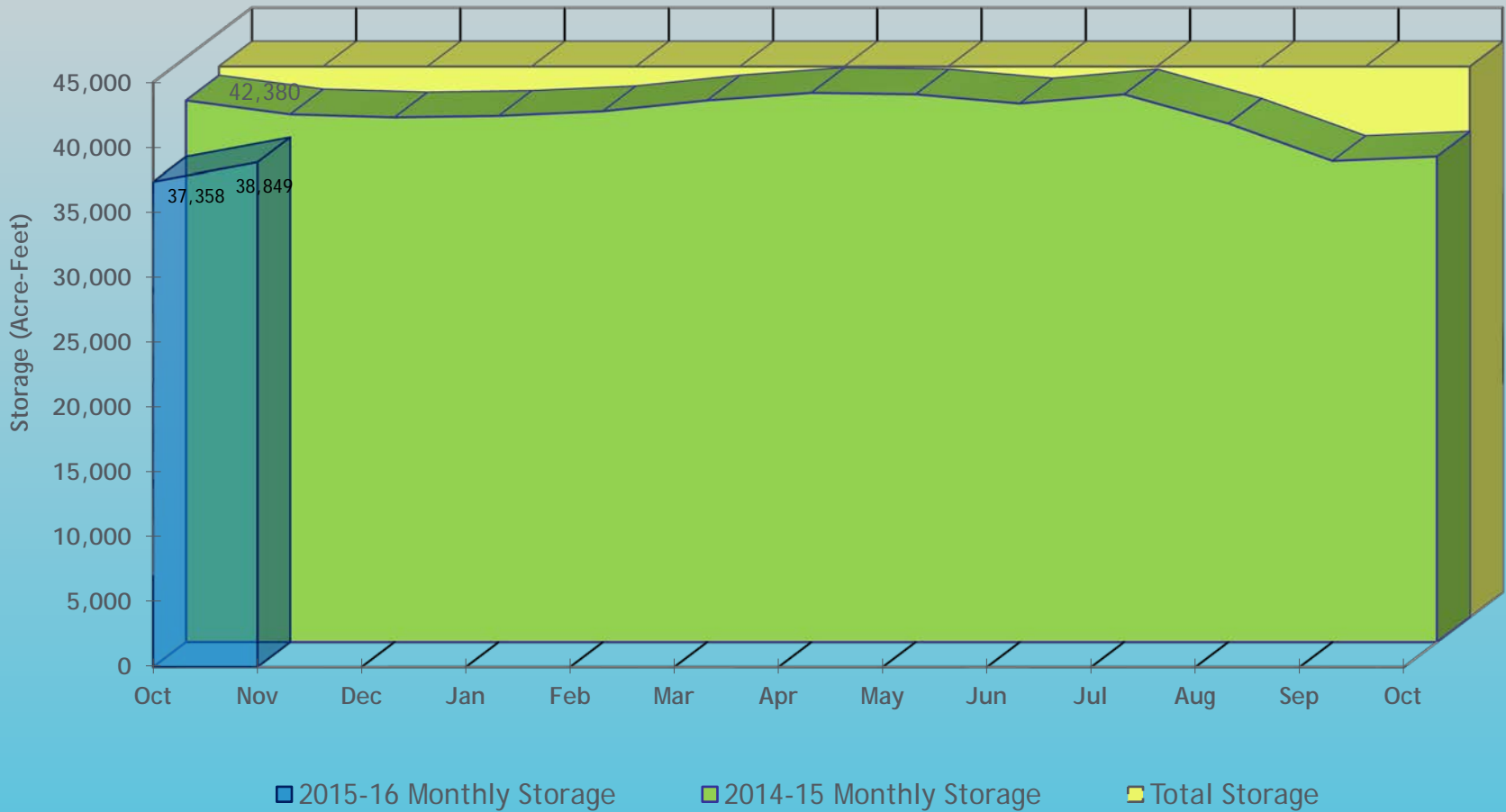
Milton Reservoir (District 2 - Agricultural)



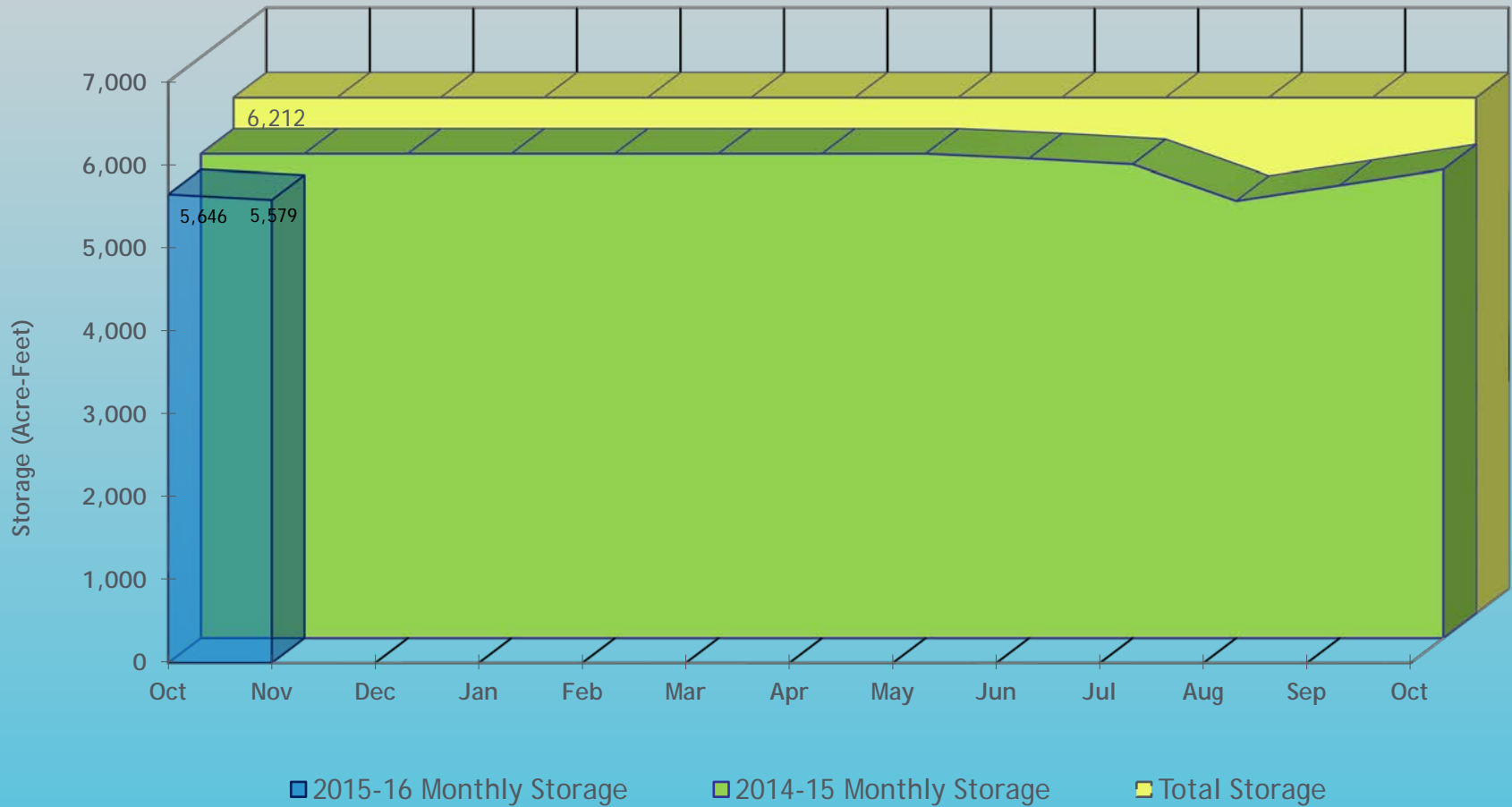
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



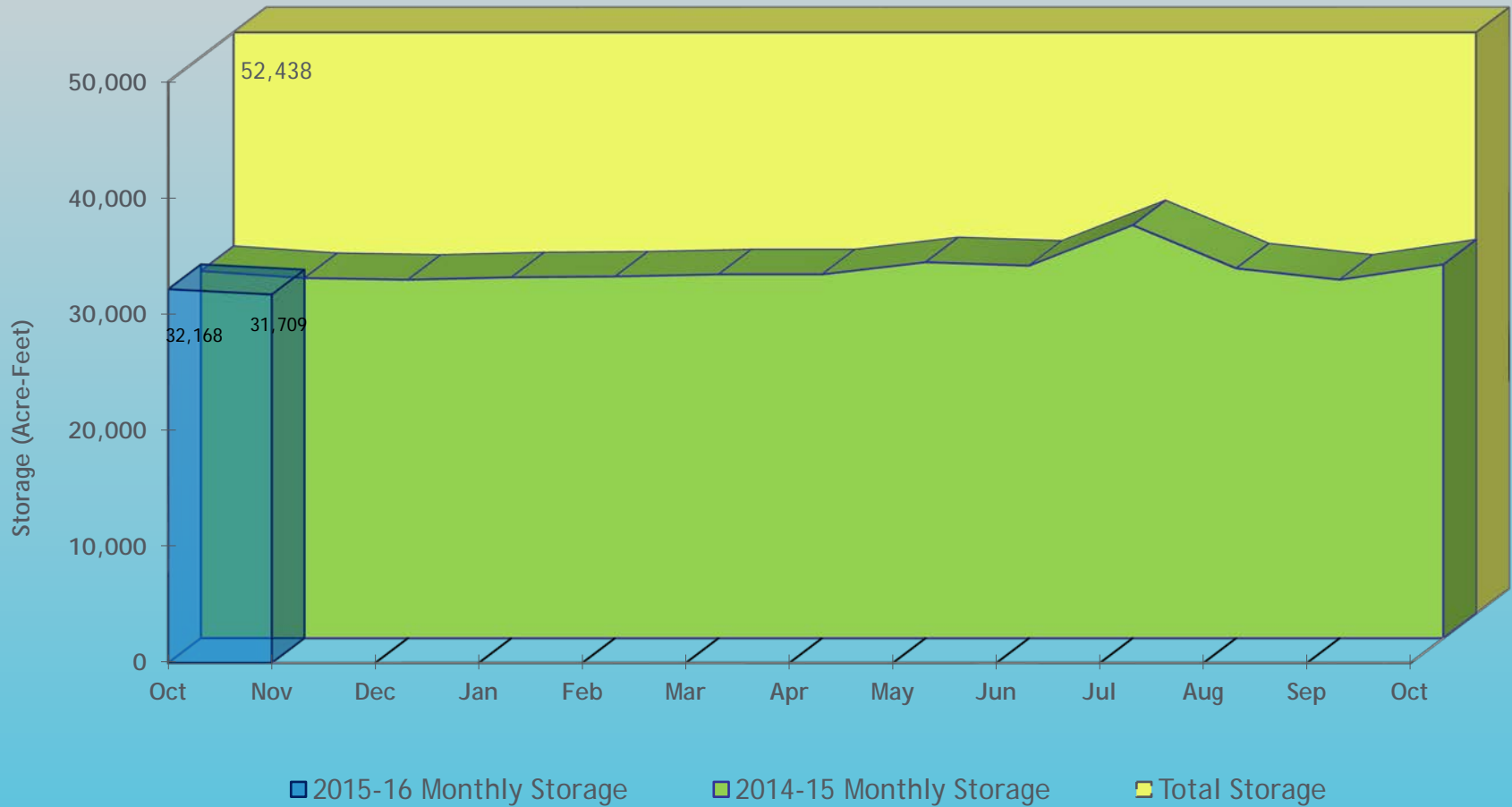
Standley Lake (Agricultural)



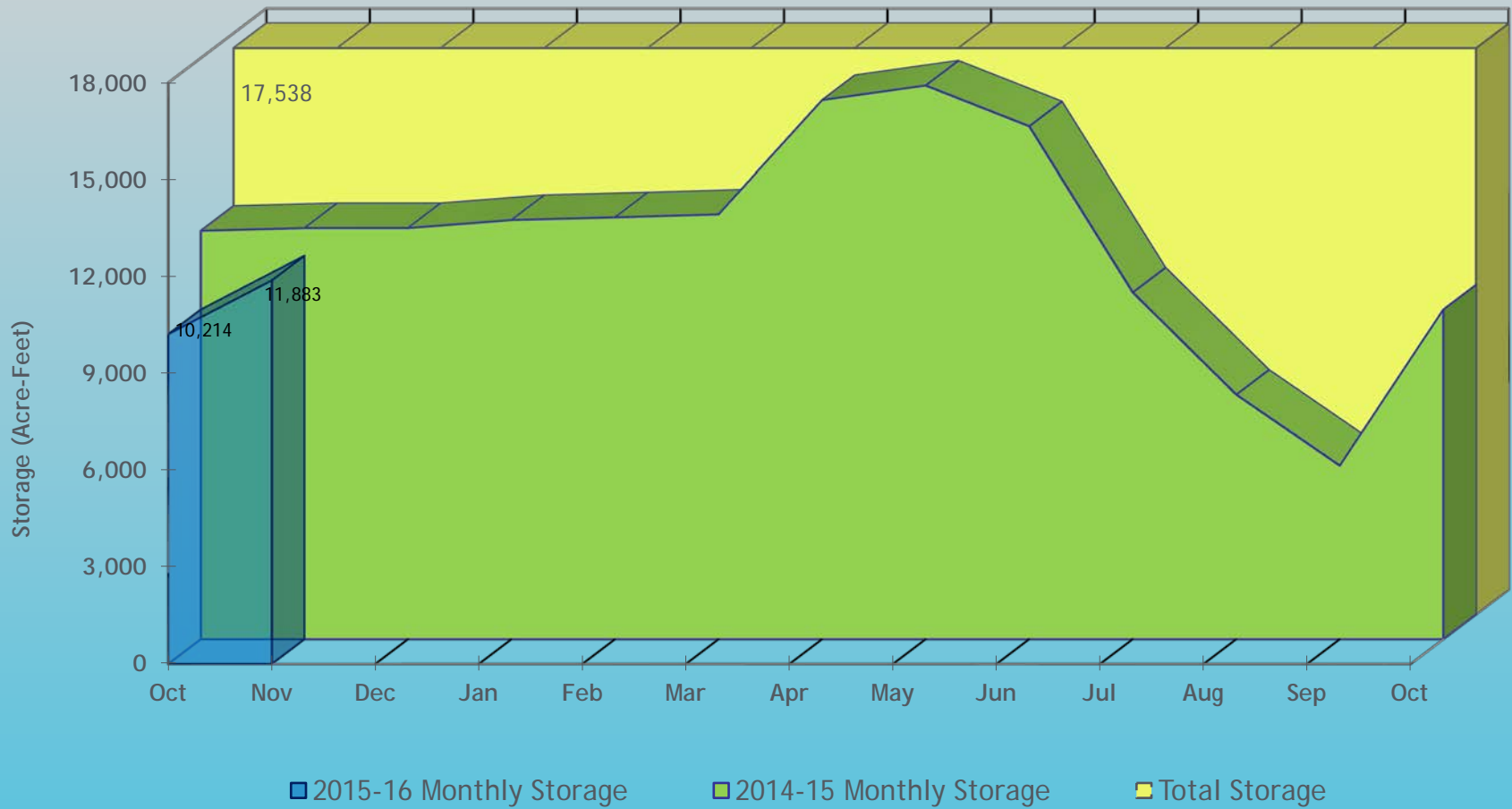
Lower Latham Reservoir (District 2 - Agricultural)



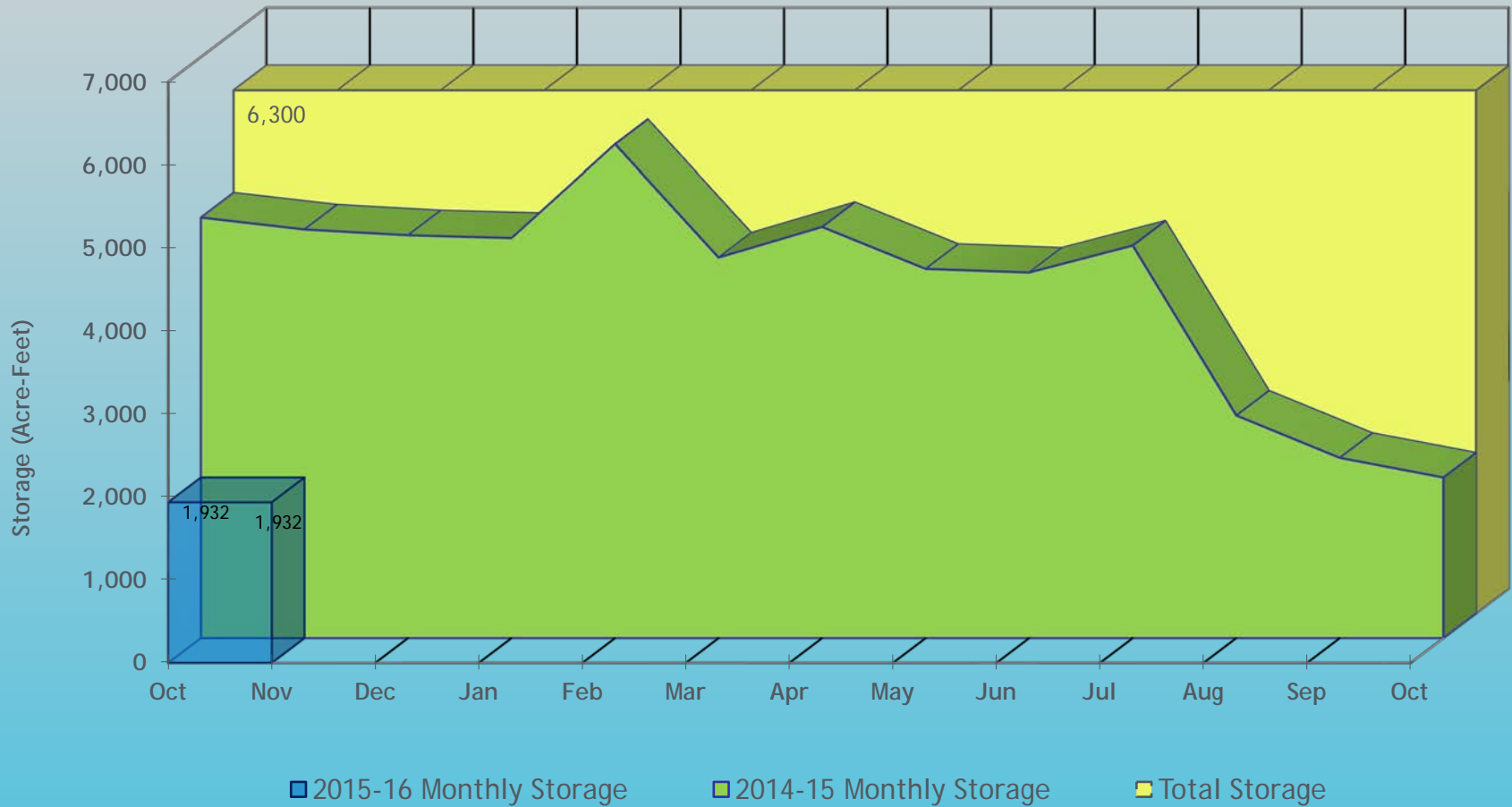
Boyd Lake (District 4, Big Thompson River - Agricultural)



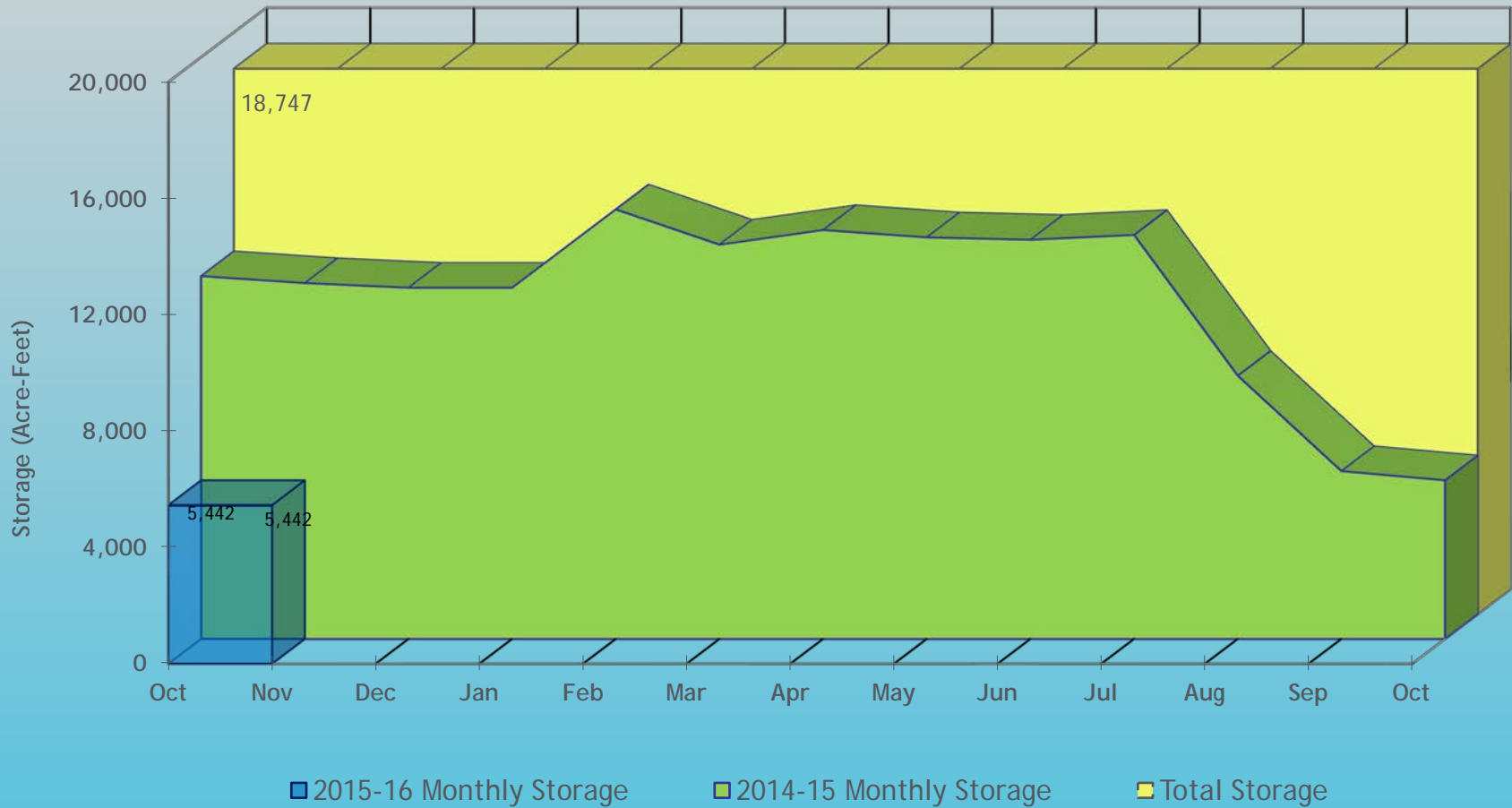
Windsor Reservoir (District 3, Poudre River - Agricultural)



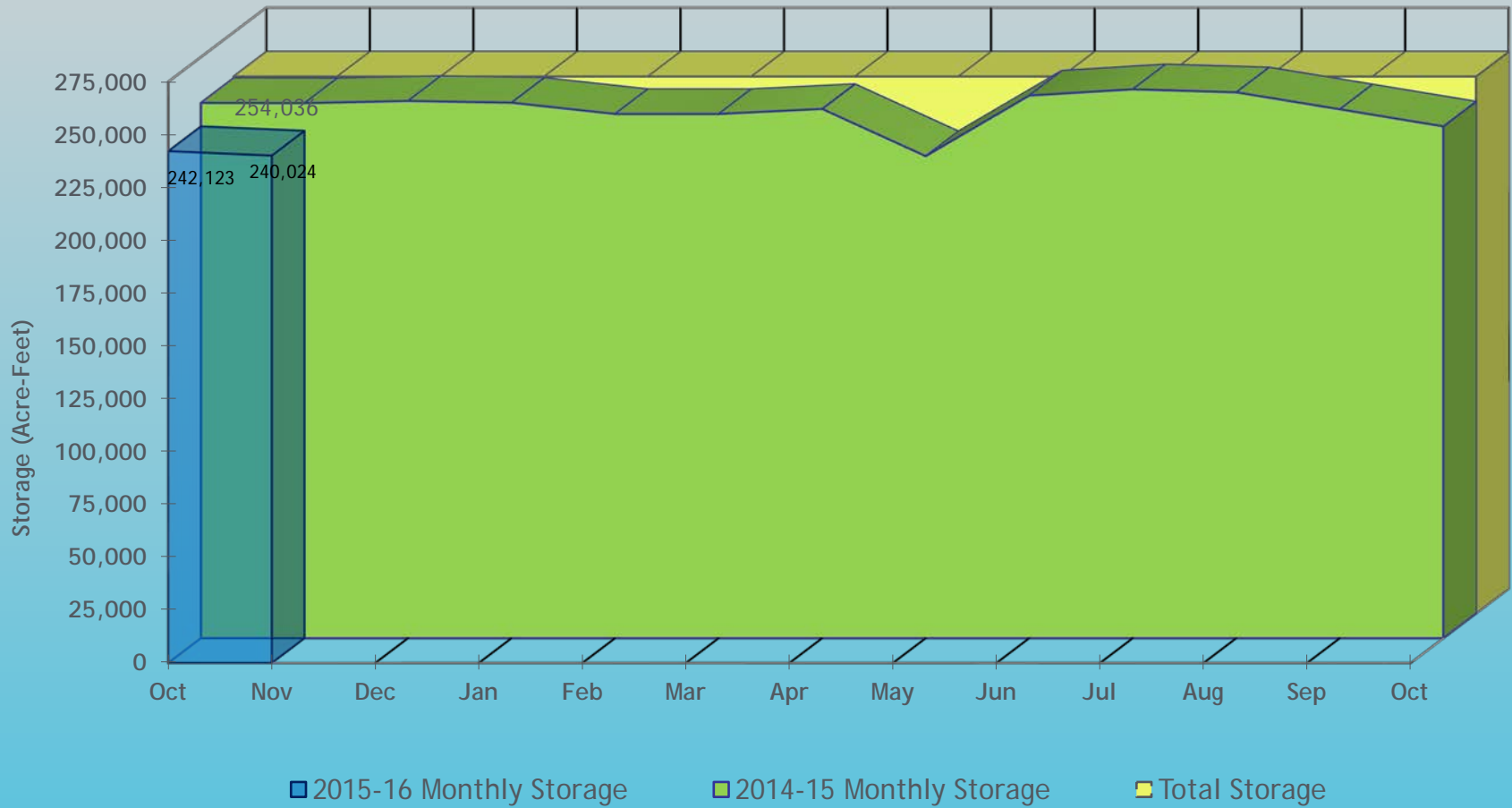
Prospect Reservoir (District 1 - Agricultural)



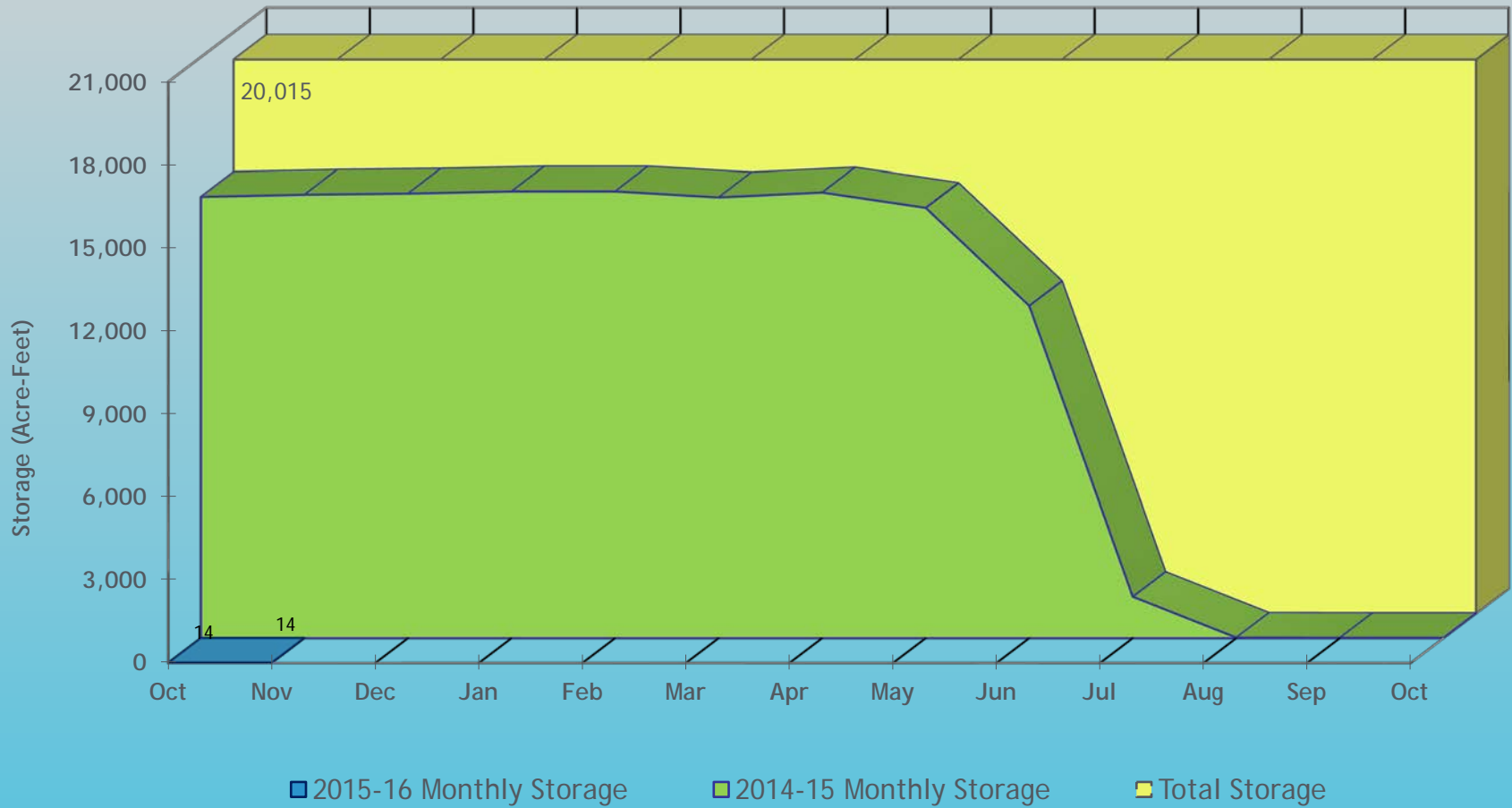
Horse Creek Reservoir (District 1 - Agricultural)



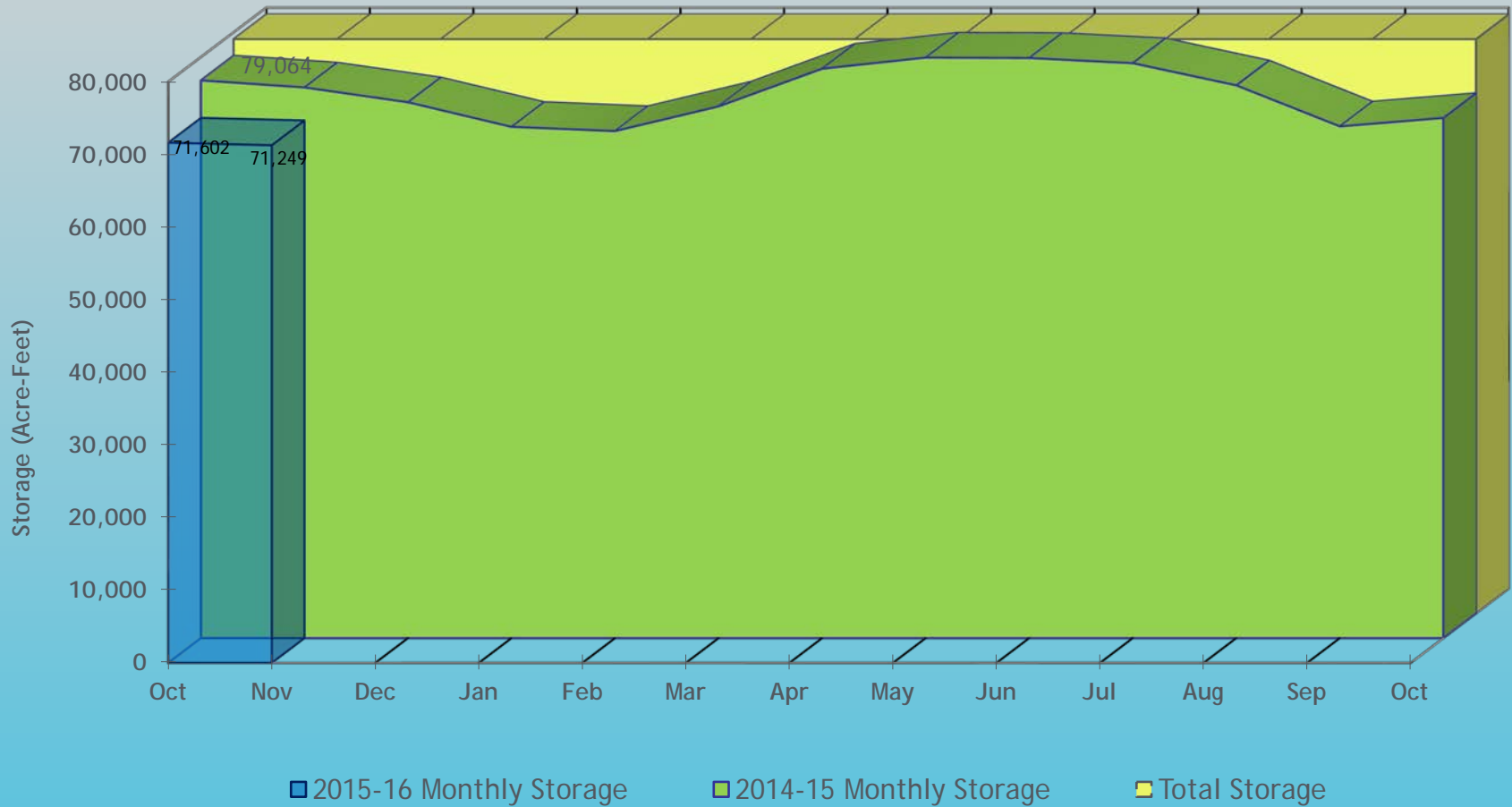
Dillon Reservoir (District 1 - Municipal)



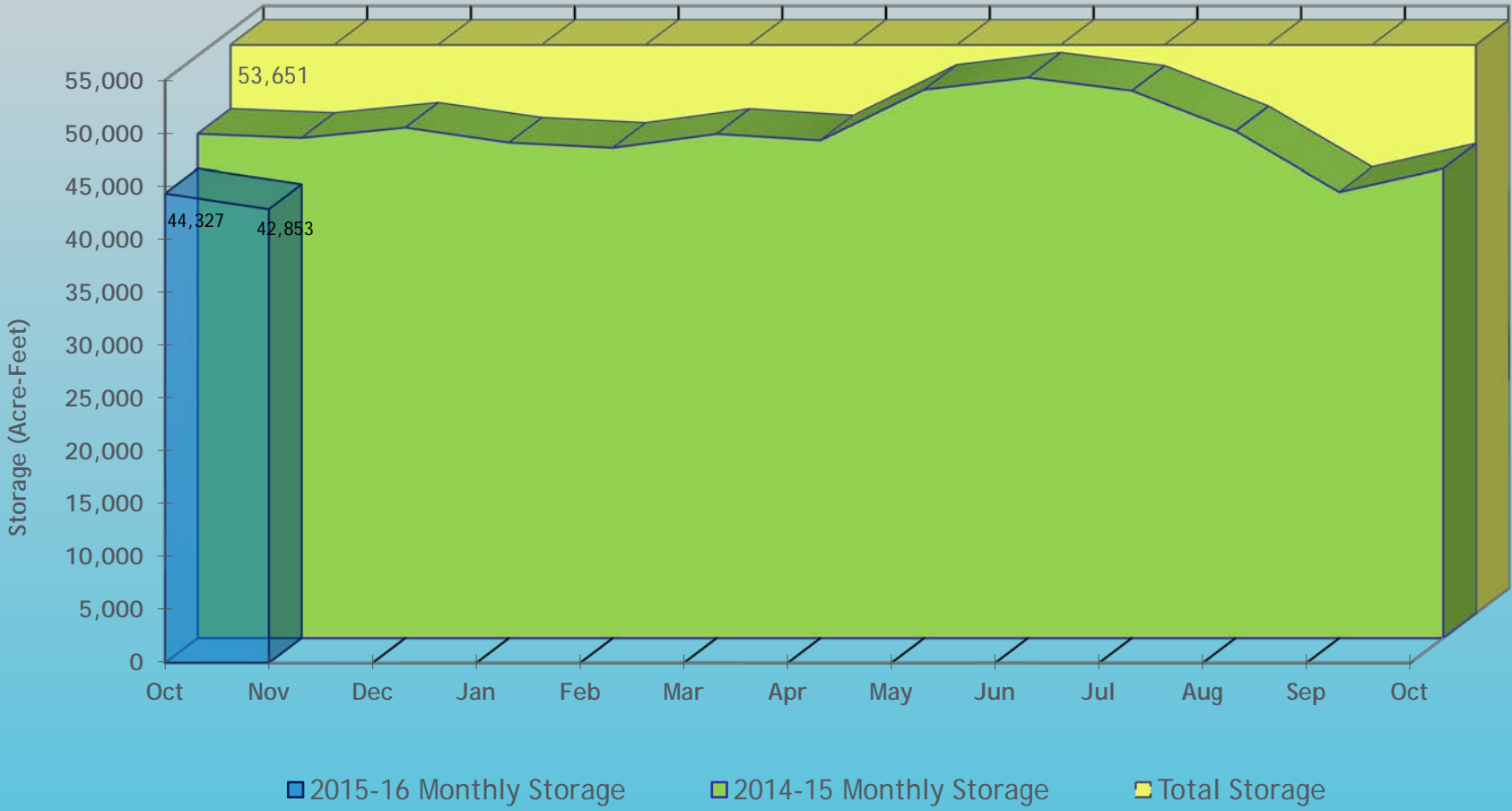
Antero Reservoir (District 23 - Municipal)



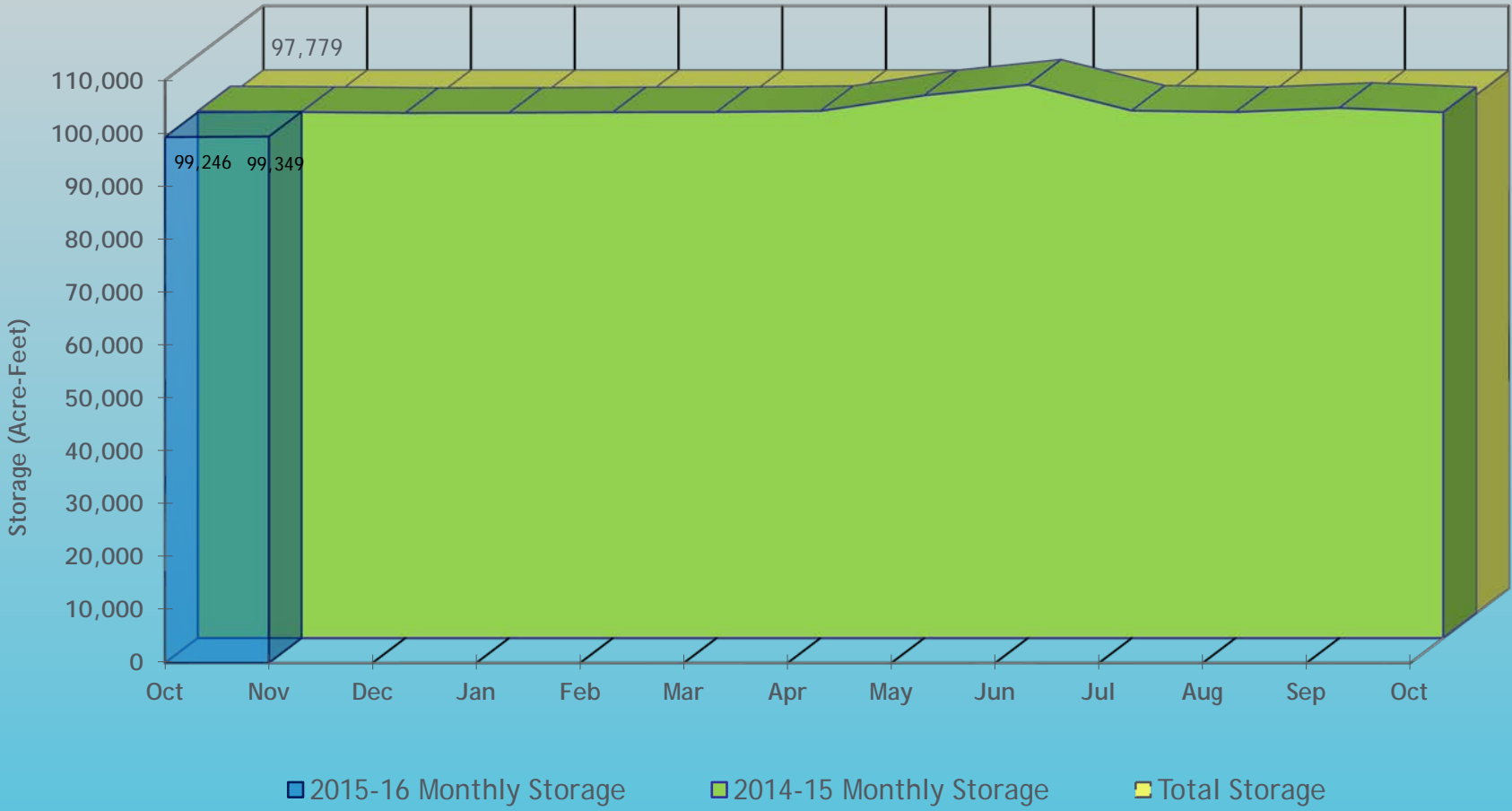
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

