



COLORADO
Department of Natural Resources

South Platte Summary July 2016

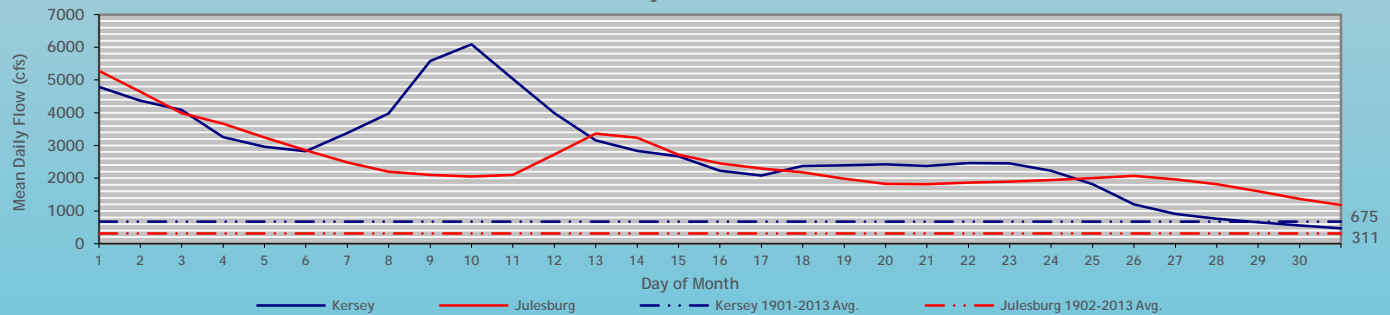
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

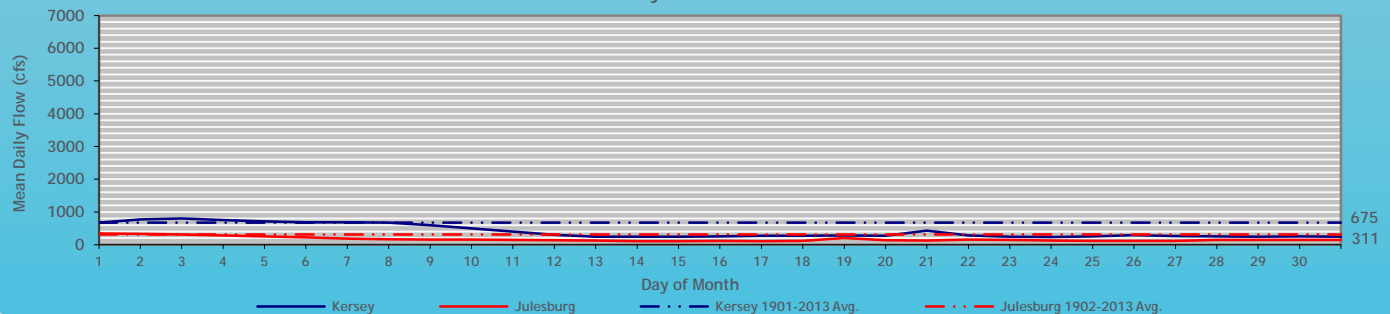
MONTH OF July 2016

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	19,704	16,177	64	-3,527	-18%	71%	100%	0
N STERLING	73,730	68,583	45,244	64	-23,339	-34%	61%	100%	0
PREWITT	28,500	22,766	21,765	64	-1,001	-4%	76%	100%	0
JACKSON	27,257	25,777	23,273	1	-2,504	-10%	85%	100%	0
EMPIRE	37,700	35,814	24,878	1	-10,936	-31%	66%	100%	0
RIVERSIDE	63,113	53,533	36,564	1	-16,969	-32%	58%	100%	0
BARR LAKE	32,152	29,909	24,108	2	-5,801	-19%	75%	90%	0
CHEESMAN	79,064	79,248	79,230	80	-18	0%	100%	100%	166
ELEVEN MILE	97,779	99,109	99,349	23	240	0%	100%	100%	1,570
SPINNEY	53,651	49,992	52,663	23	2,671	5%	98%	96%	0
ANTERO	20,015	10,956	12,668	23	1,712	16%	63%	7%	0

KERSEY and JULESBURG
July 2015



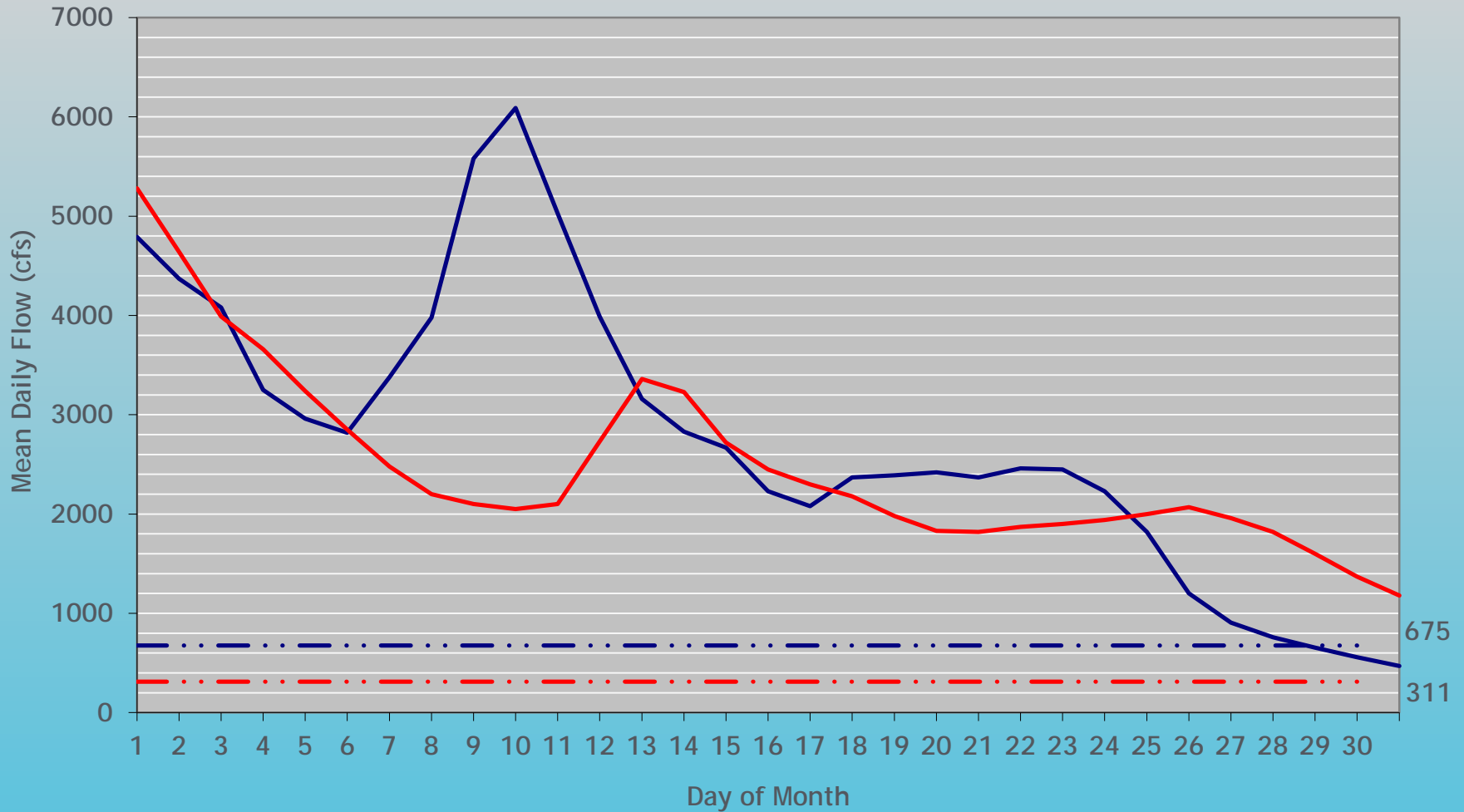
KERSEY and JULESBURG
July 2016



RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	407
JULESBURG	170
THIS MONTH LAST YEAR	
KERSEY	2785
JULESBURG	2481
MEAN FOR PERIOD OF RECORD*	
KERSEY	675
JULESBURG	311

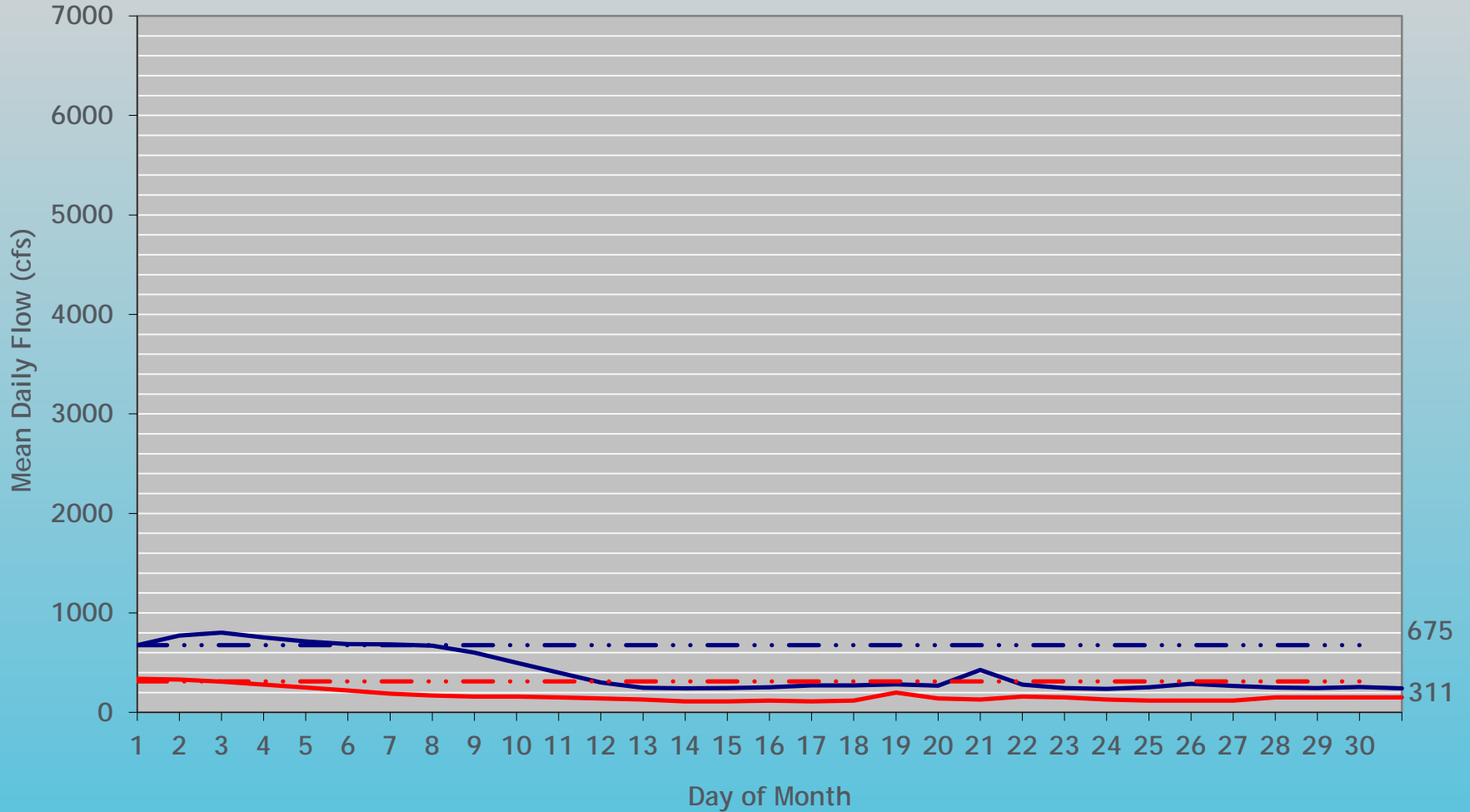
*Kersey 1901 - 2013
*Julesburg 1902 - 2013

KERSEY and JULESBURG July 2015



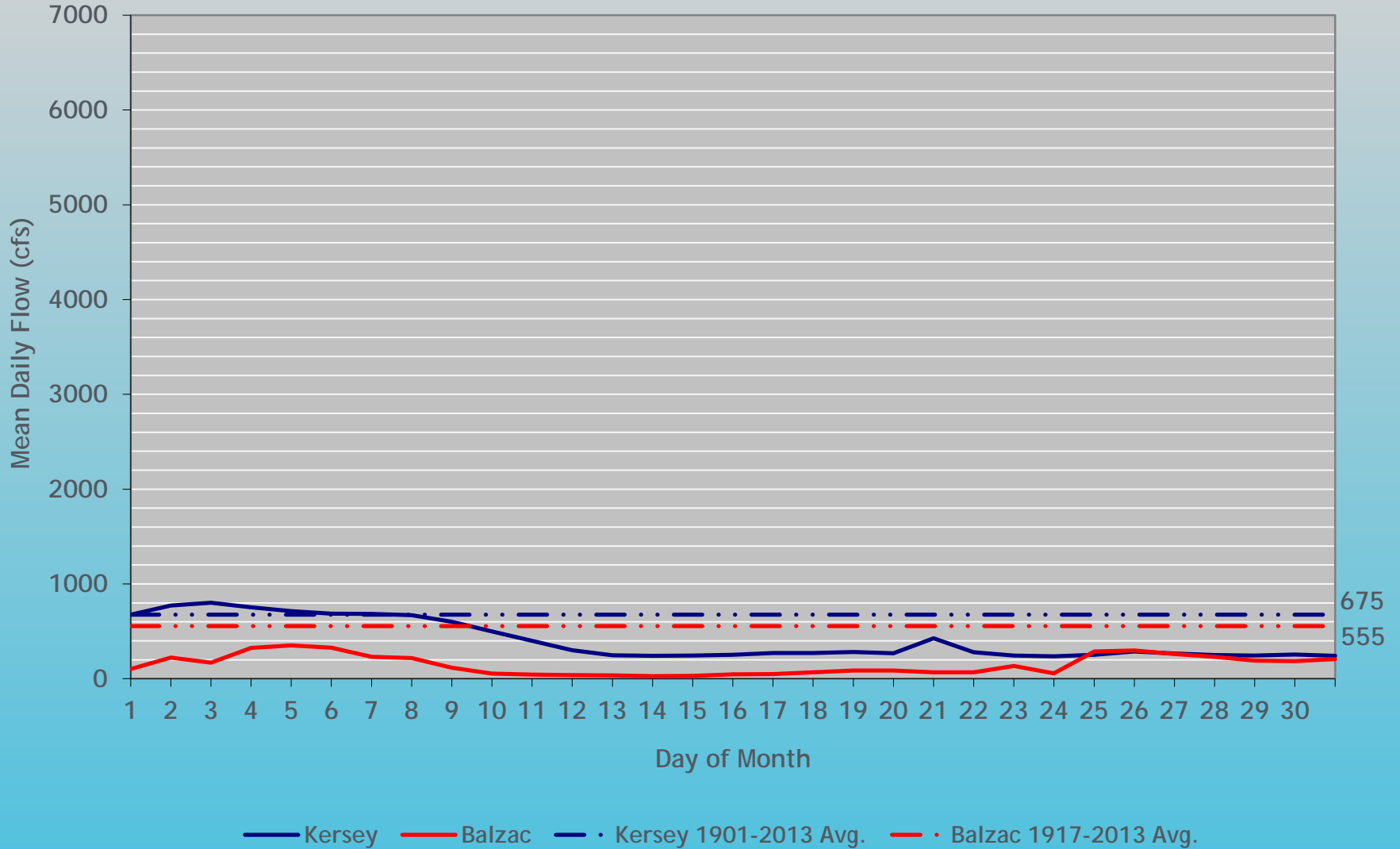
— Kersey — Julesburg — · Kersey 1901-2013 Avg. — · Julesburg 1902-2013 Avg.

KERSEY and JULESBURG July 2016



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

KERSEY and BALZAC July 2016



South Platte River Monthly Stream Flow (cfs) Statistics

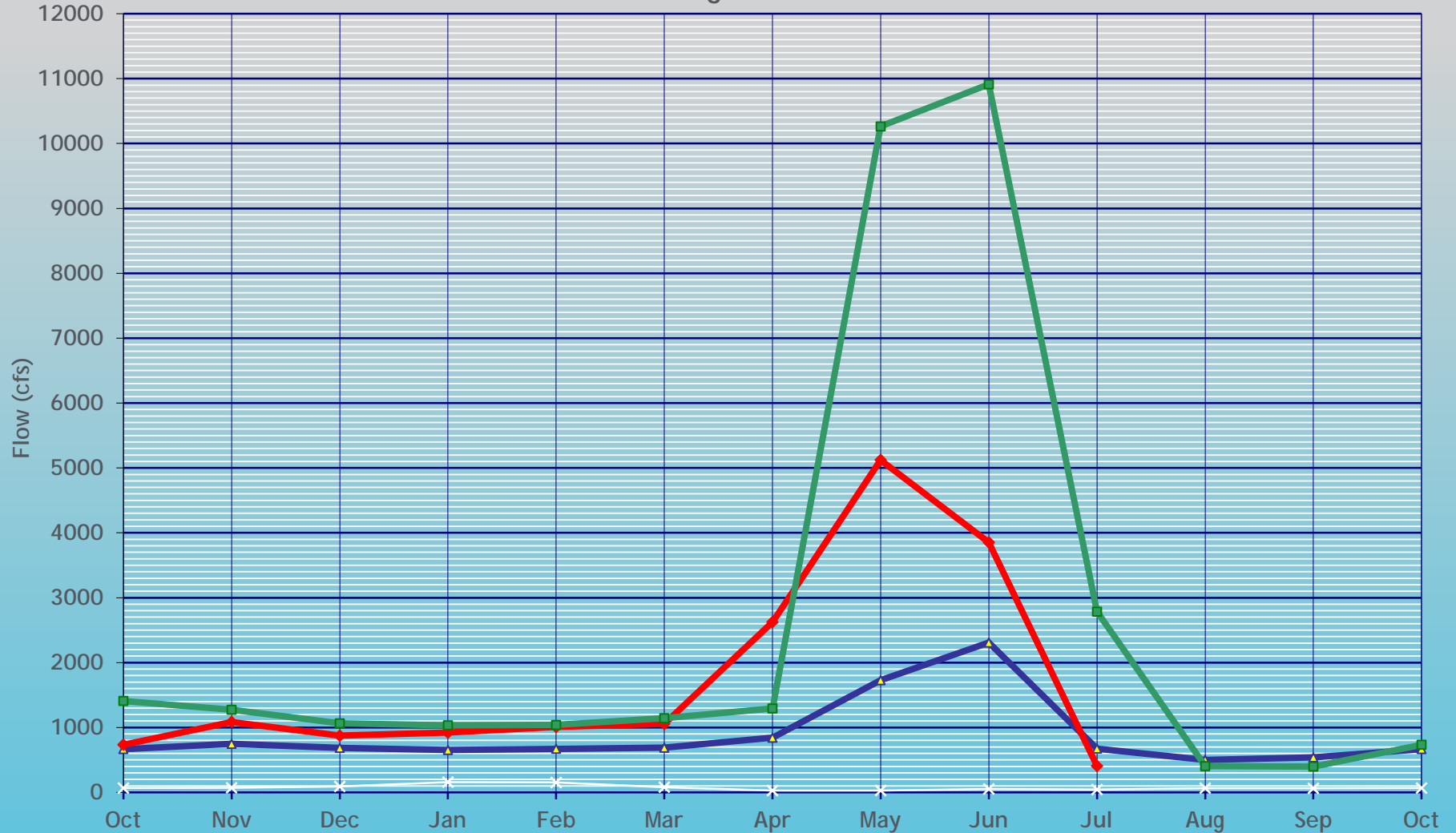
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2016 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2016 Mean Monthly Flow
Oct	667	6180	1984	66	1954	734	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	874	Dec	401	1820	1984	13	2002	799
Jan	652	2160	1974	158	1935	921	Jan	512	2510	1970	21	2003	1212
Feb	671	3060	1914	152	1935	1008	Feb	578	3220	1930	29	2005	1283
Mar	688	3470	1983	80	1935	1055	Mar	512	12900	1910	15	1904	468
Apr	842	18100	1942	28	1955	2625	Apr	514	14400	1942	4.0	1904	1787
May	1728	26100	1973	29	1955	5123	May	994	18100	1973	12	1911	4658
Jun	2308	31000	1921	52	1954	3853	Jun	1426	30800	1921	2.0	1910	3084
Jul	675	12600	1983	44	1955	407	Jul	311	12600	1983	0.0	1903	170
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

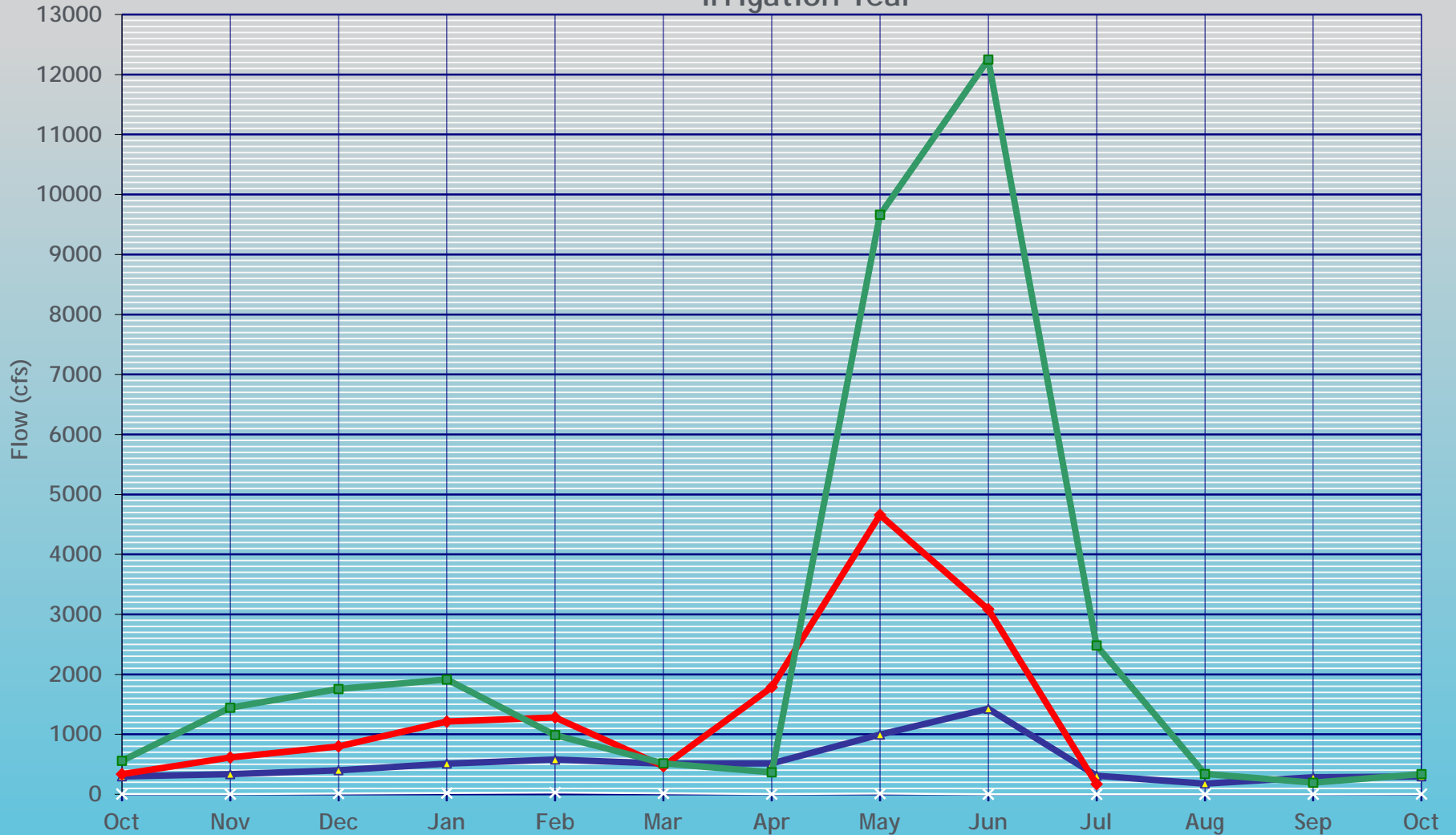


Historic* Mean Flow (1901-2013) Historic* Min Flow 2015-2016 Mean Flow 2014-2015 Mean Flow

*1901-2013

South Platte River at Julesburg

Irrigation Year



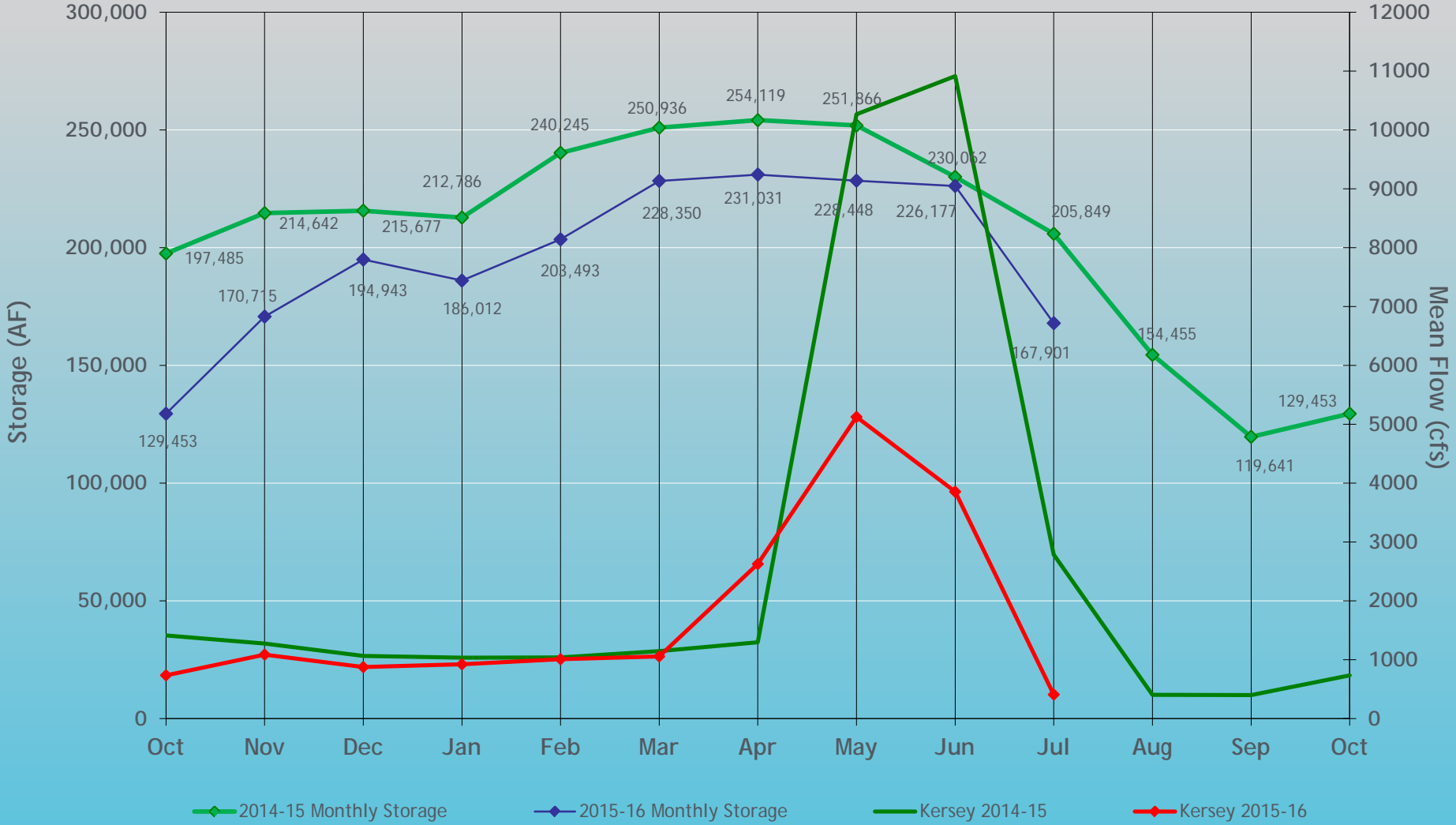
Historic* Mean Flow Historic* Min Flow 2014-2015 Mean Flow 2014-2015 Mean Flow

*1901-2013



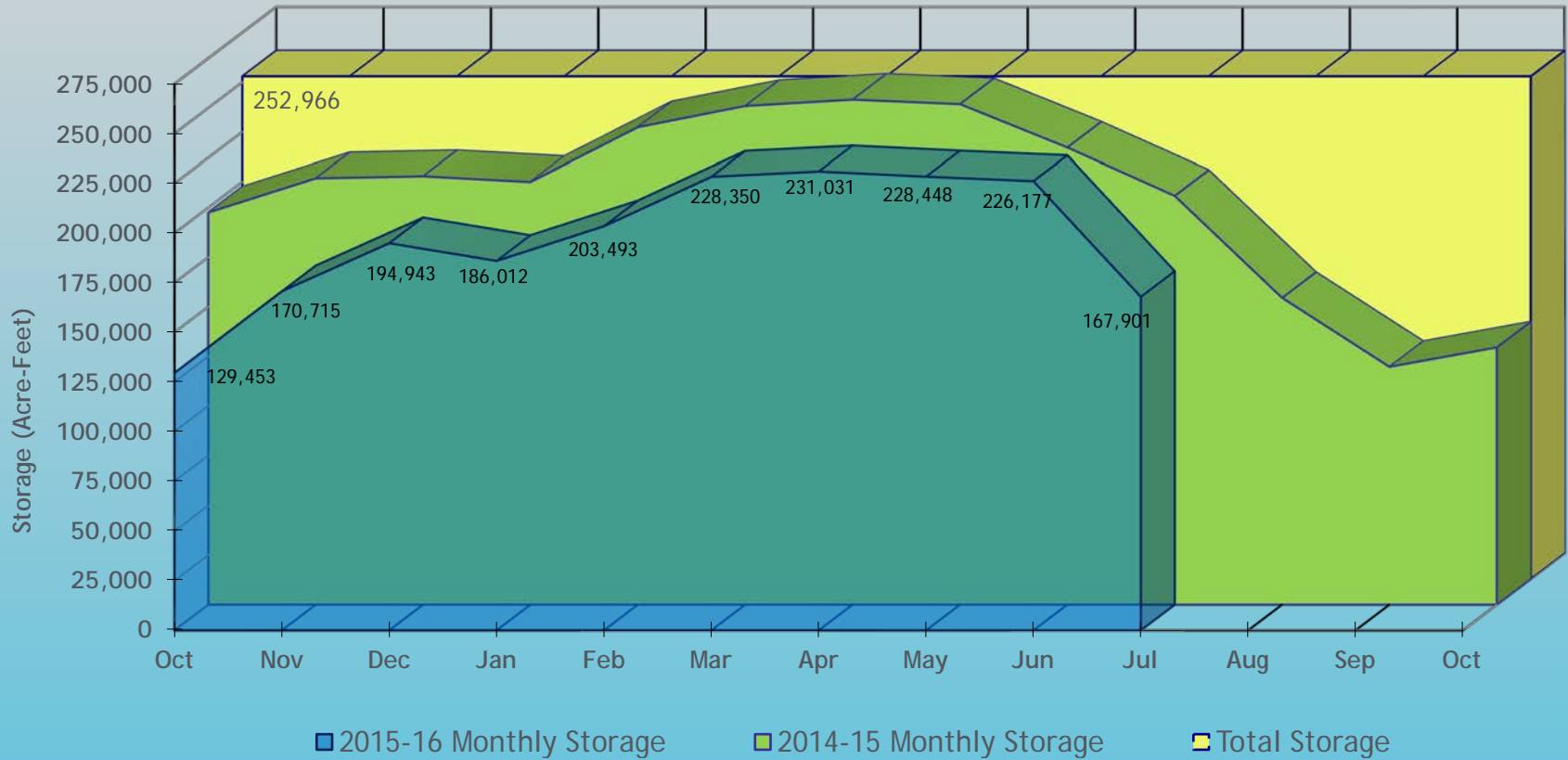
Reservoir Storage below Kersey

Selected Reservoirs*



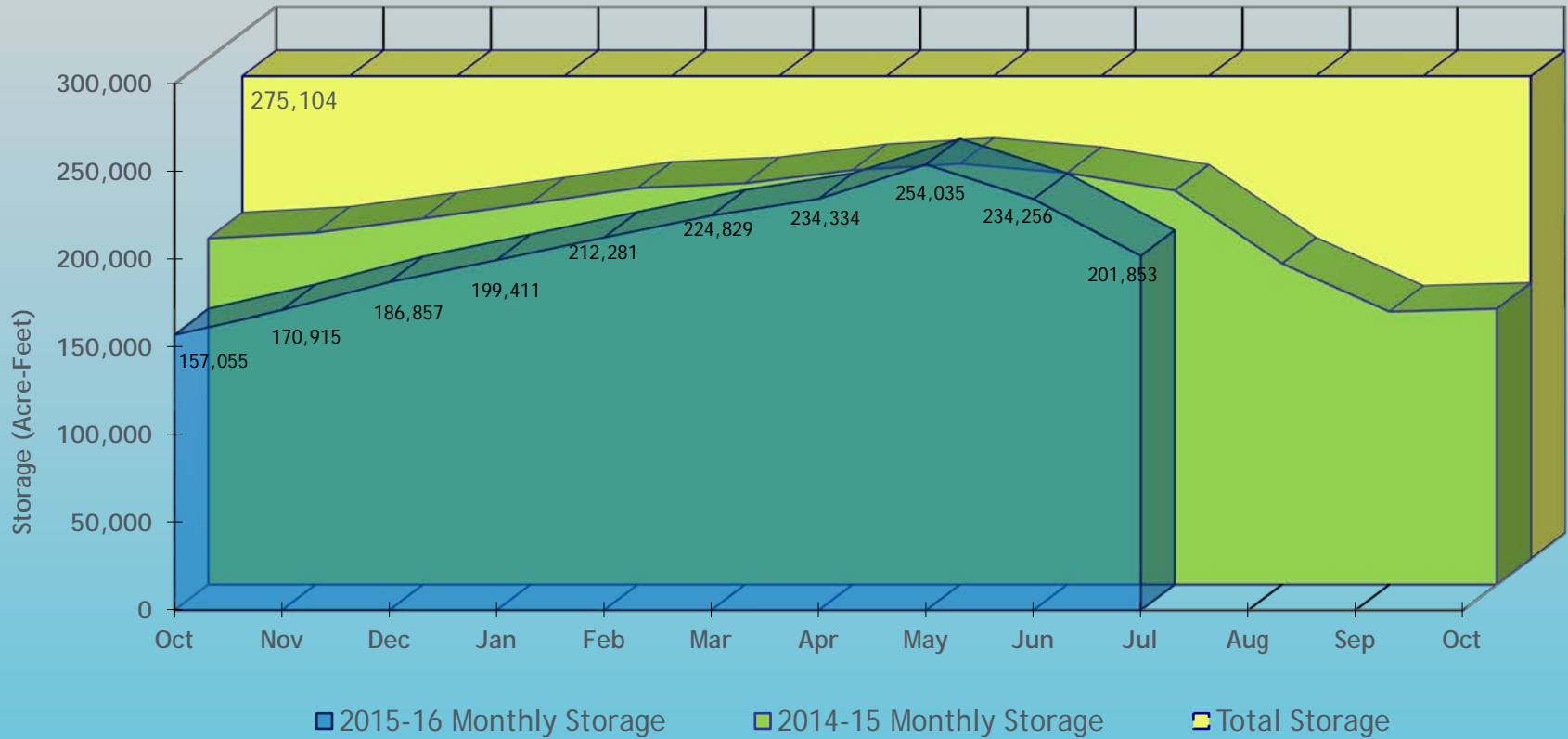
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

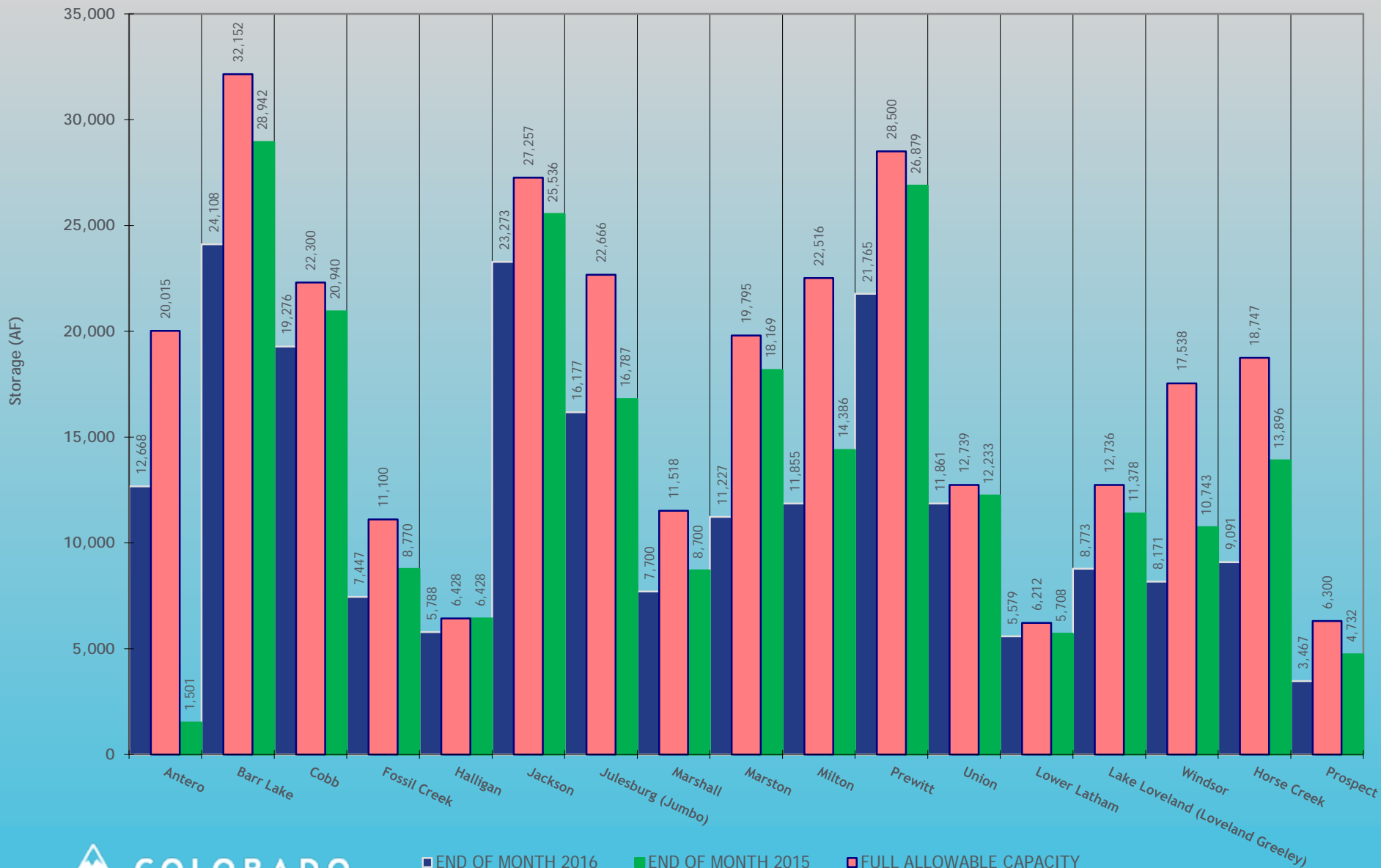
South Platte Reservoir Storage above Kersey*



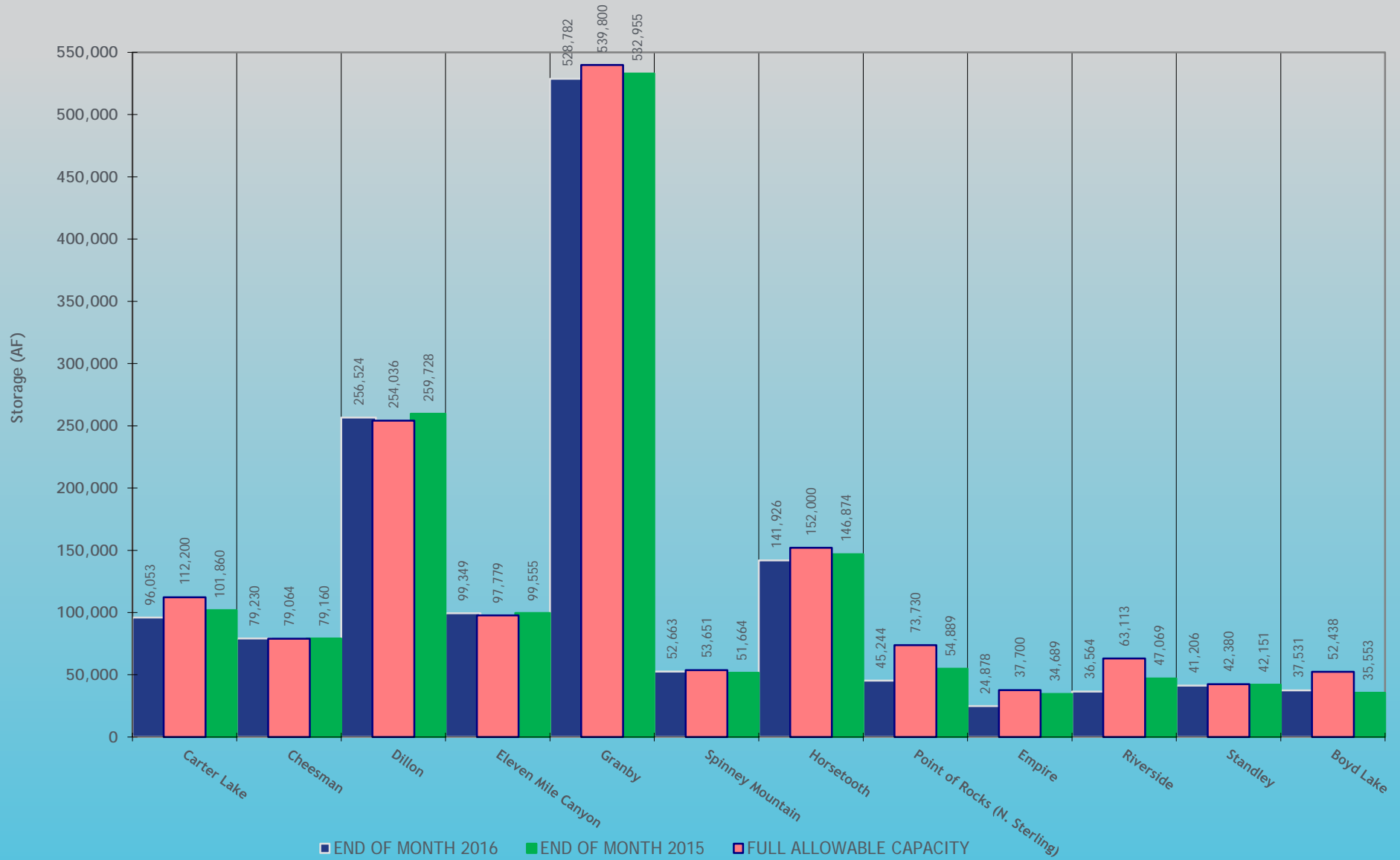
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



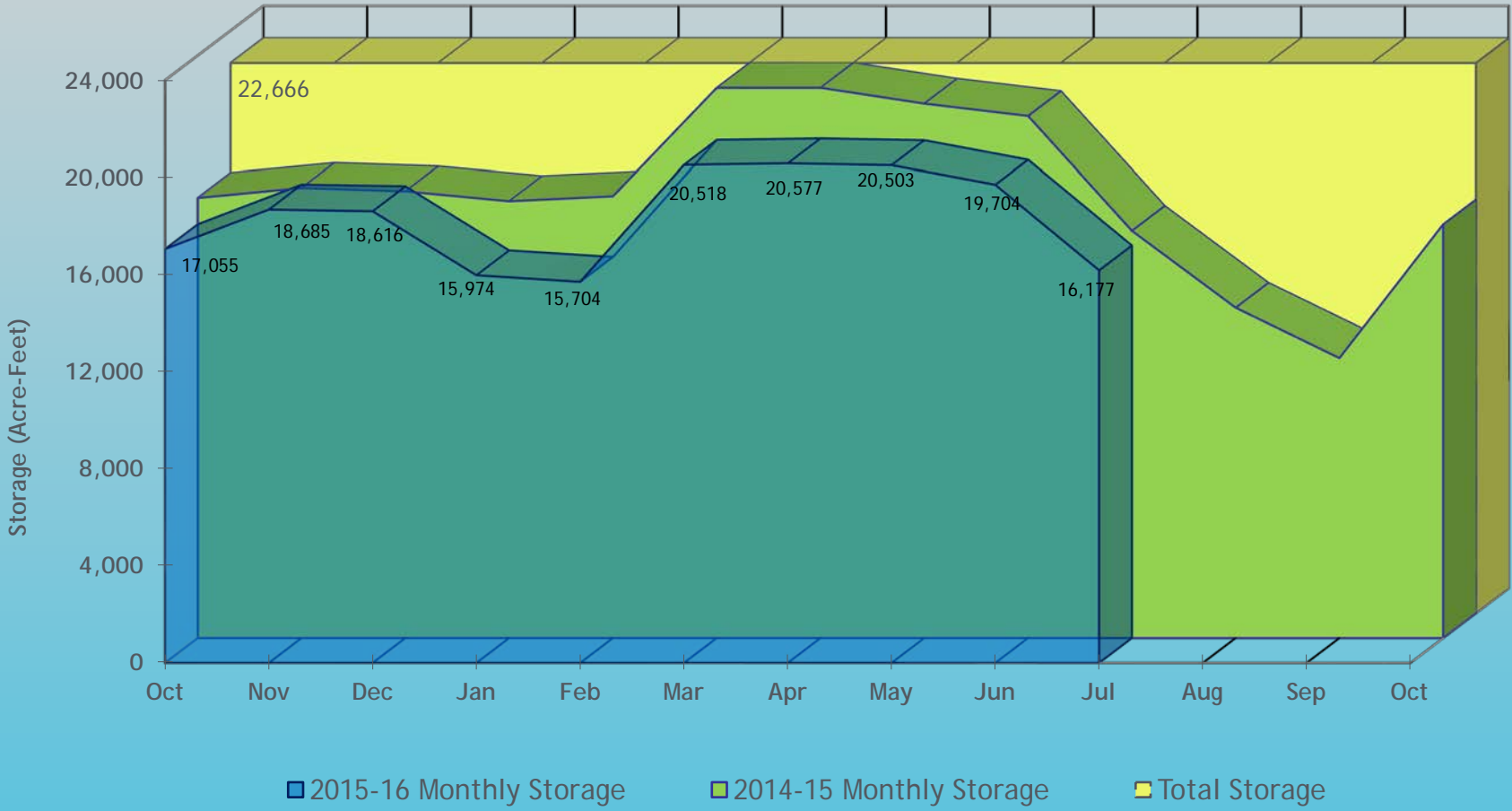
July Reservoir Change in Storage 2015 versus 2016



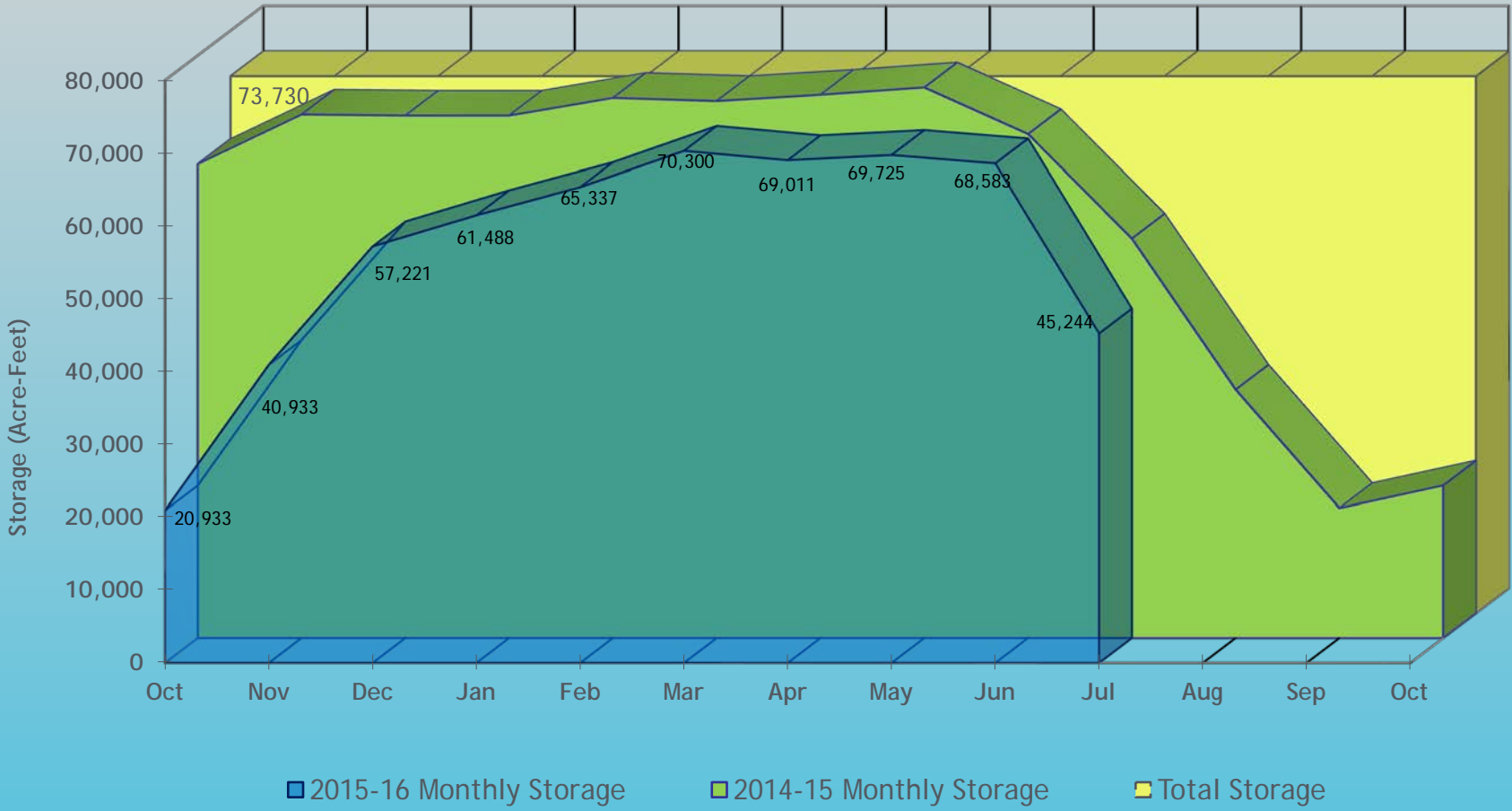
July Reservoir Change in Storage 2015 versus 2016



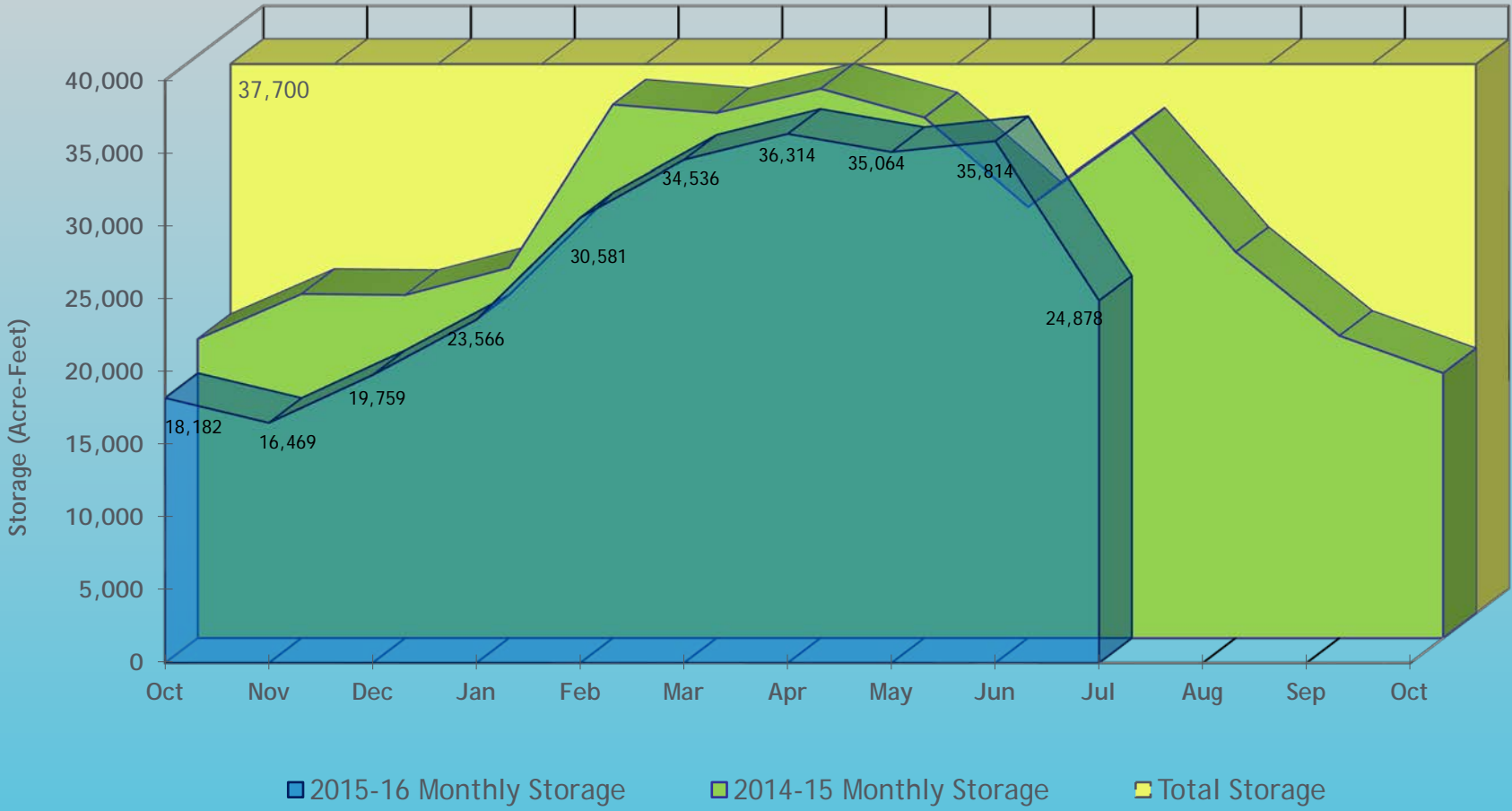
Julesburg Reservoir (District 64 - Agricultural)



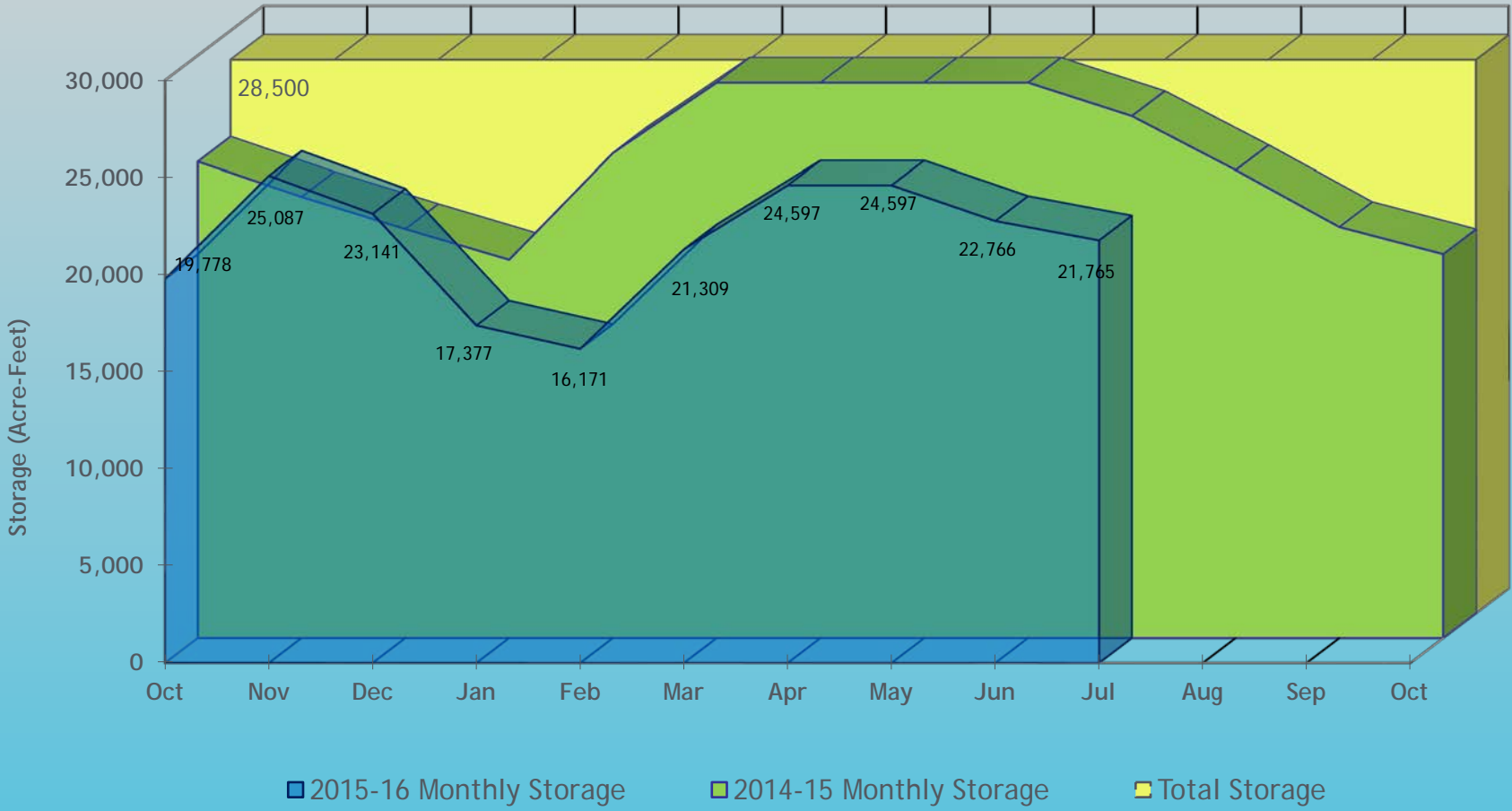
North Sterling Reservoir (District 64 - Agricultural)



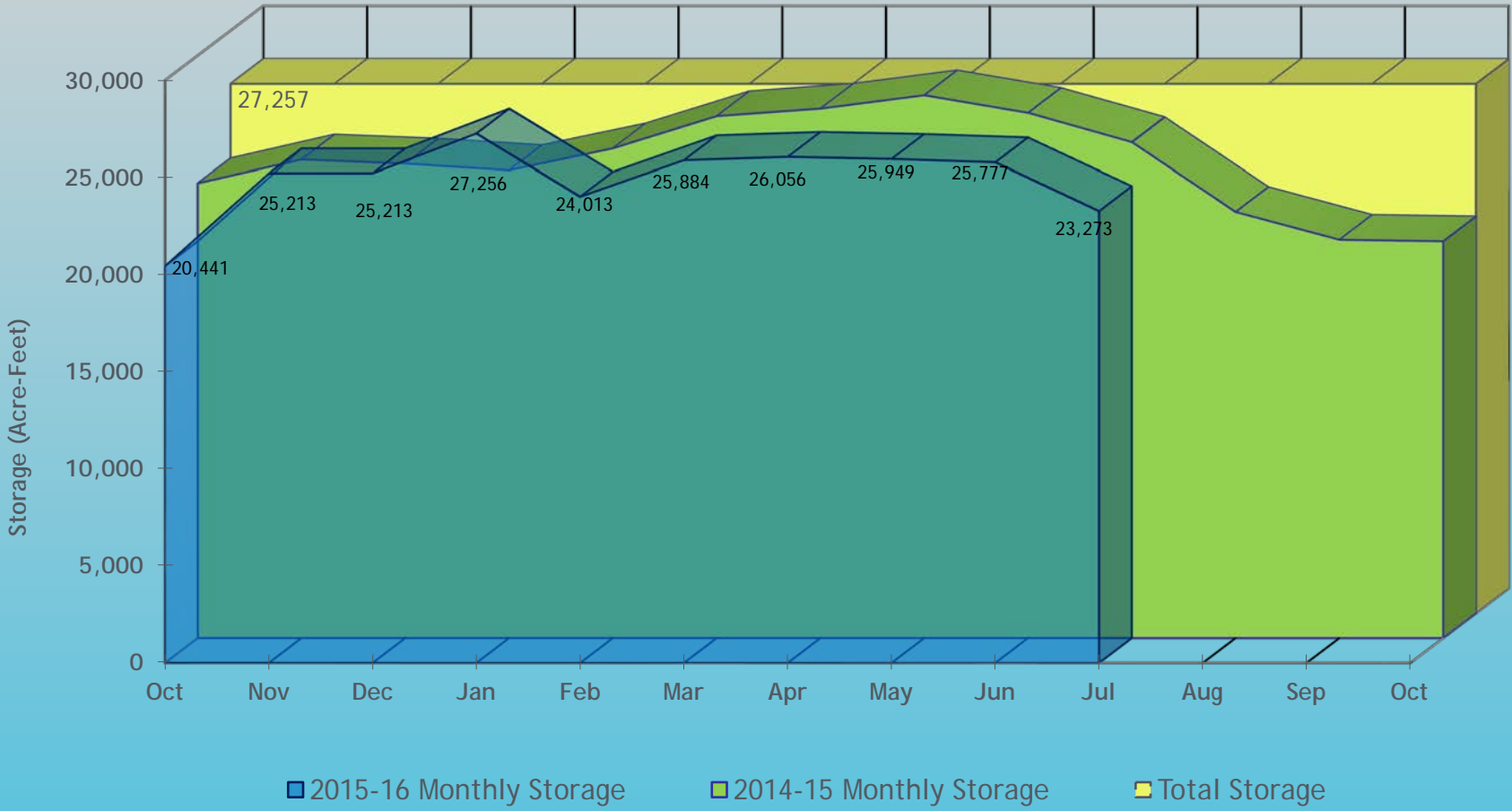
Empire Reservoir (District 1 - Agricultural)



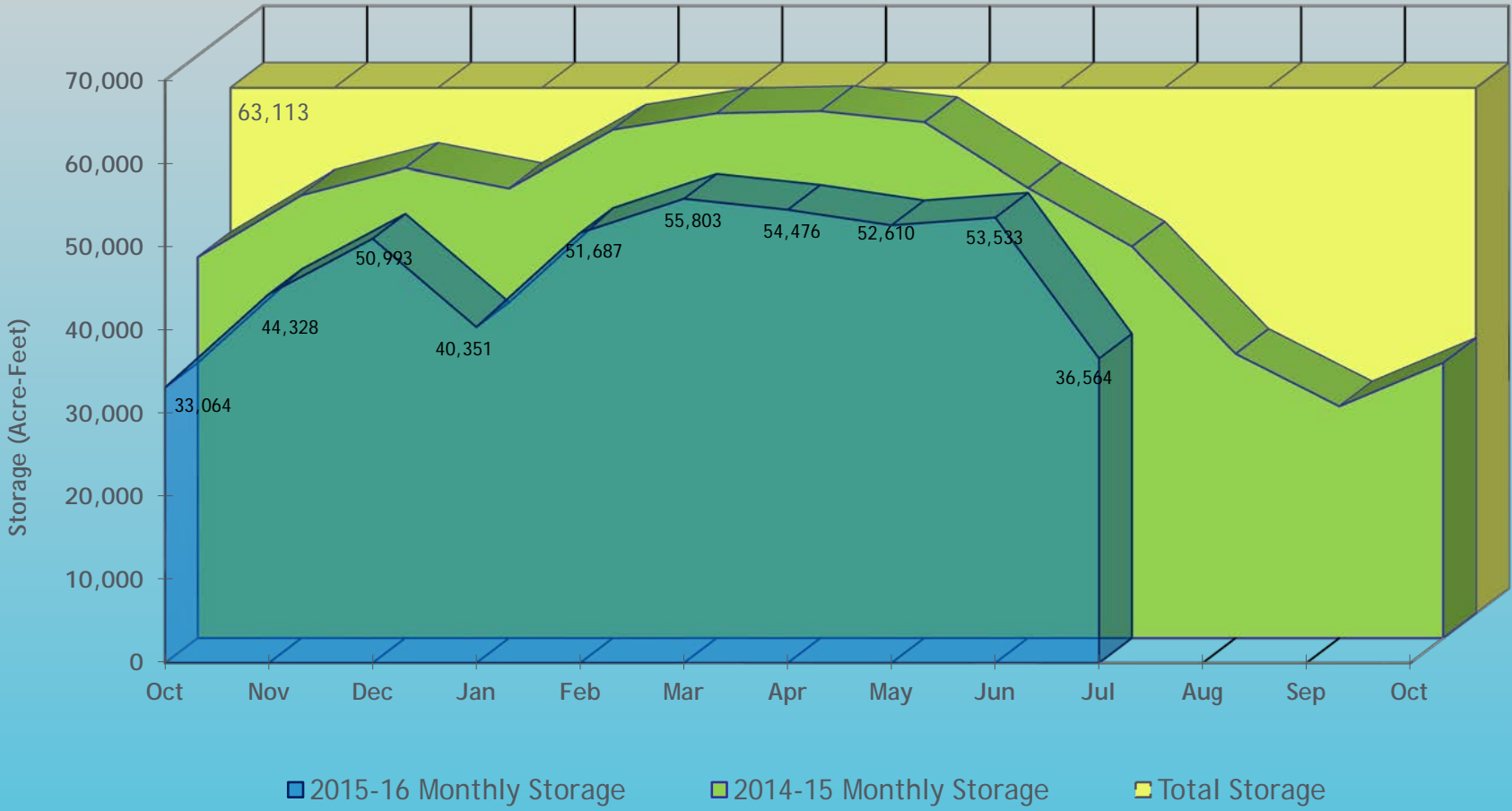
Prewitt Reservoir (District 64 - Agricultural)



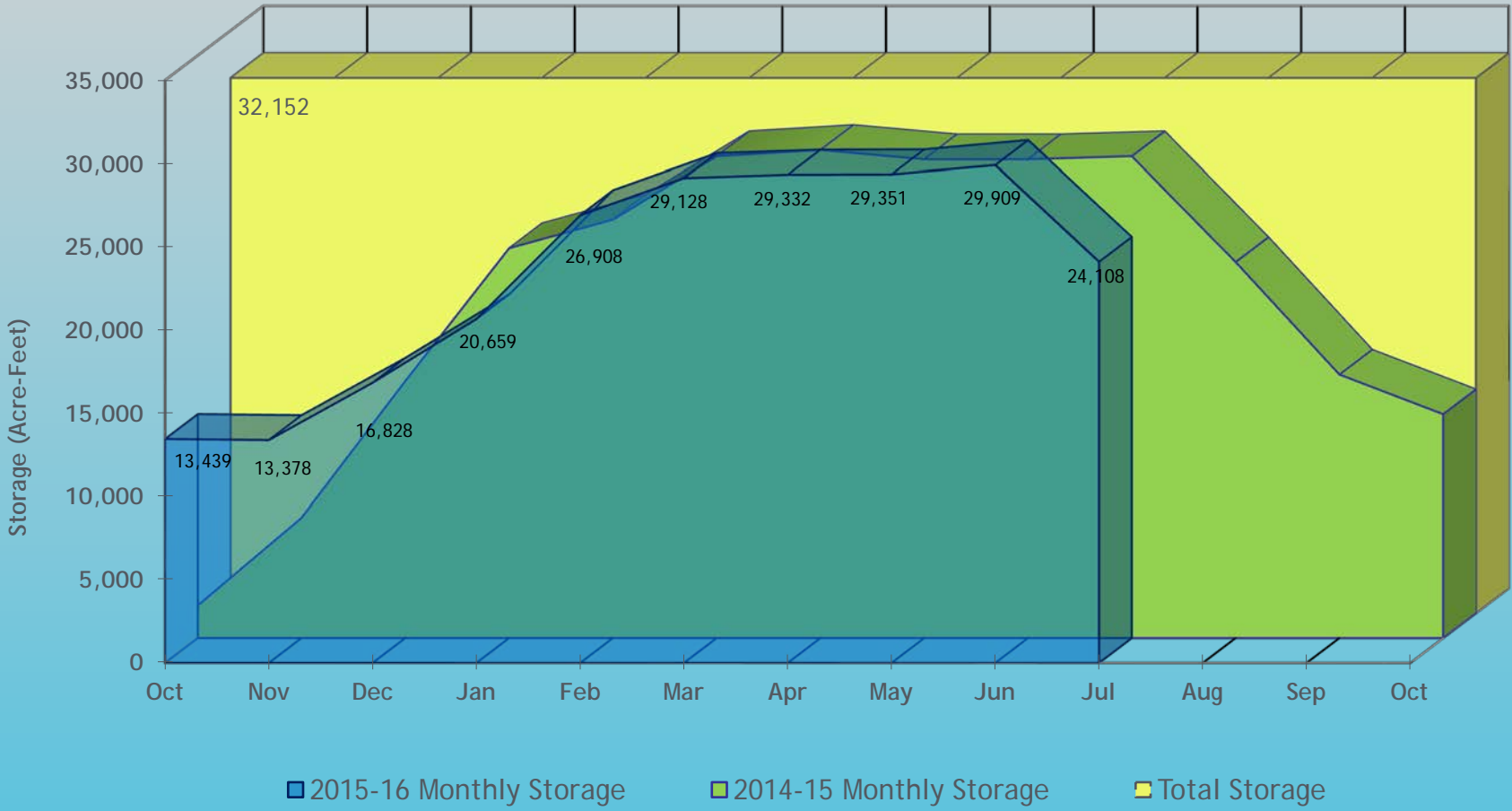
Jackson Reservoir (District 1 - Agricultural)



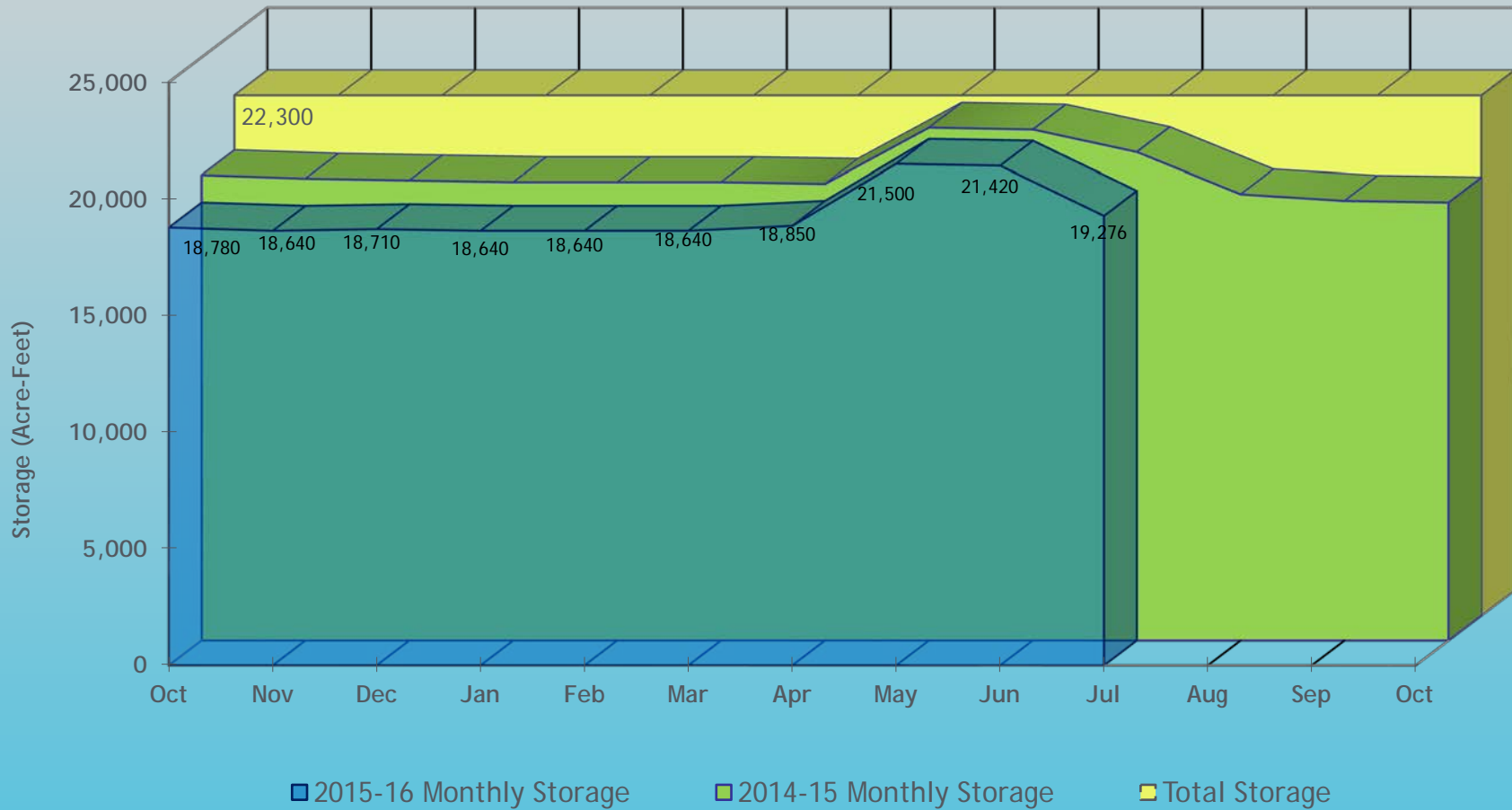
Riverside Reservoir (District 1 - Agricultural)



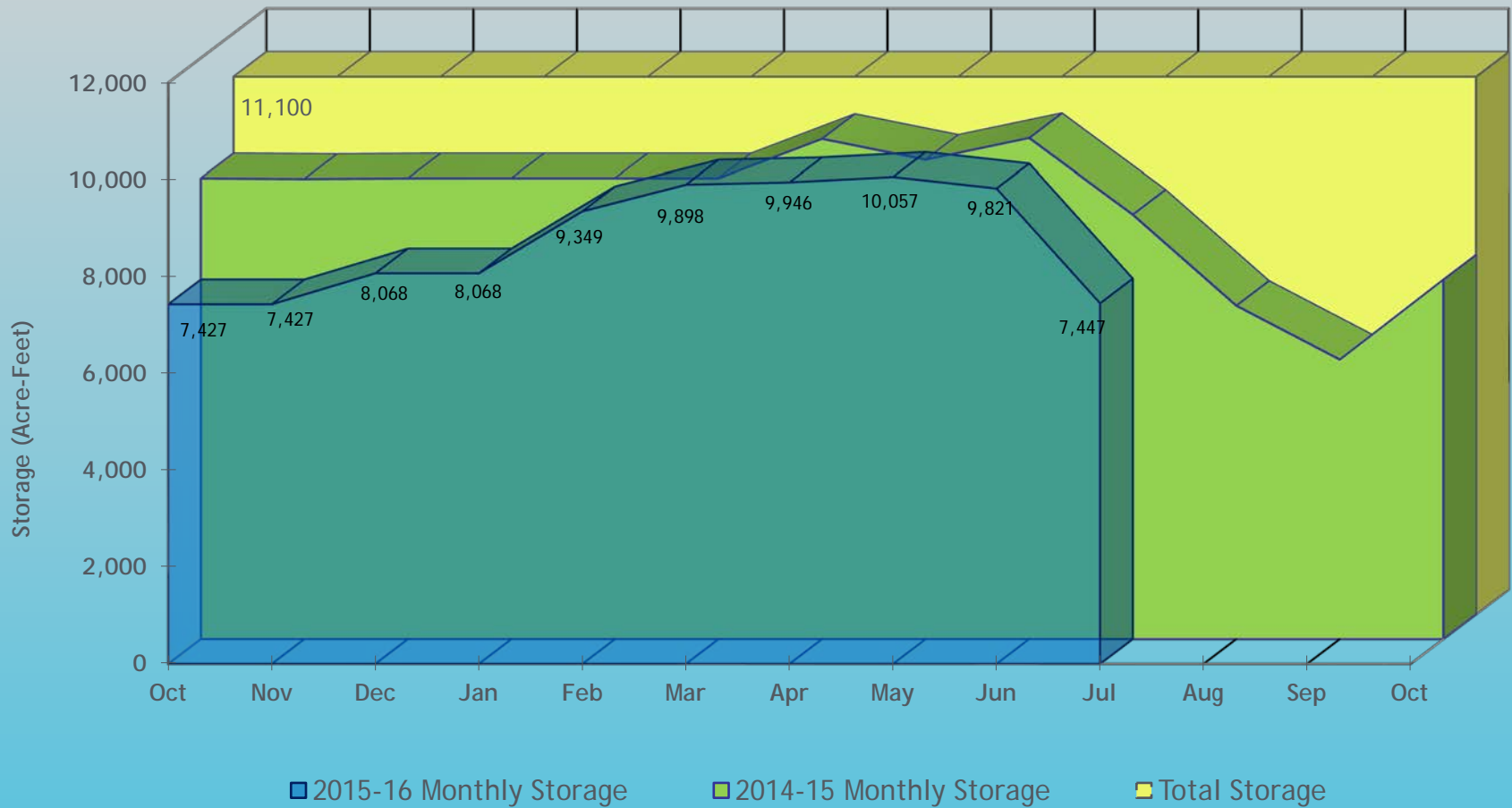
Barr Reservoir (District 2 - Agricultural)



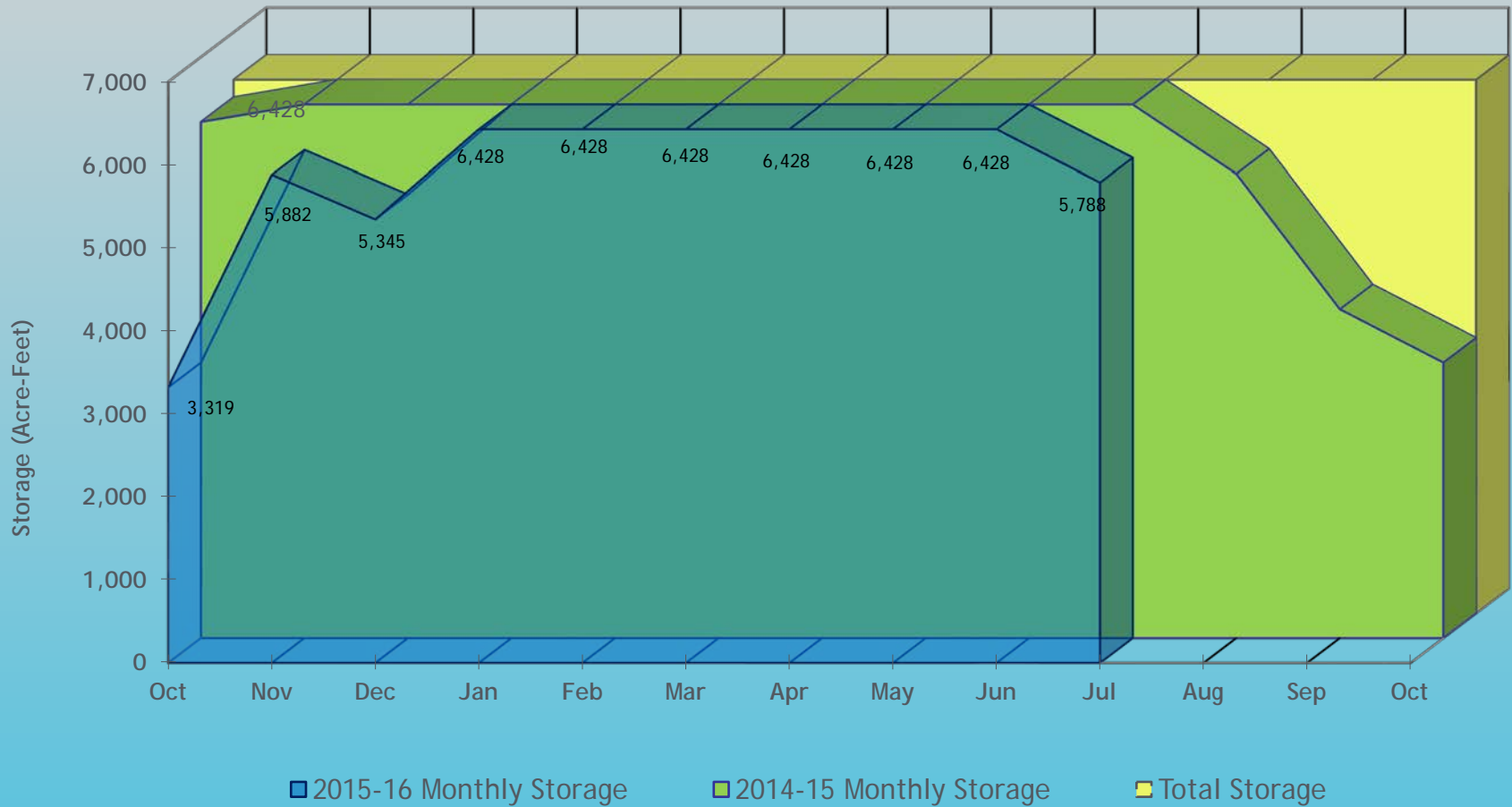
Cobb Reservoir (District 3, Poudre River - Agricultural)



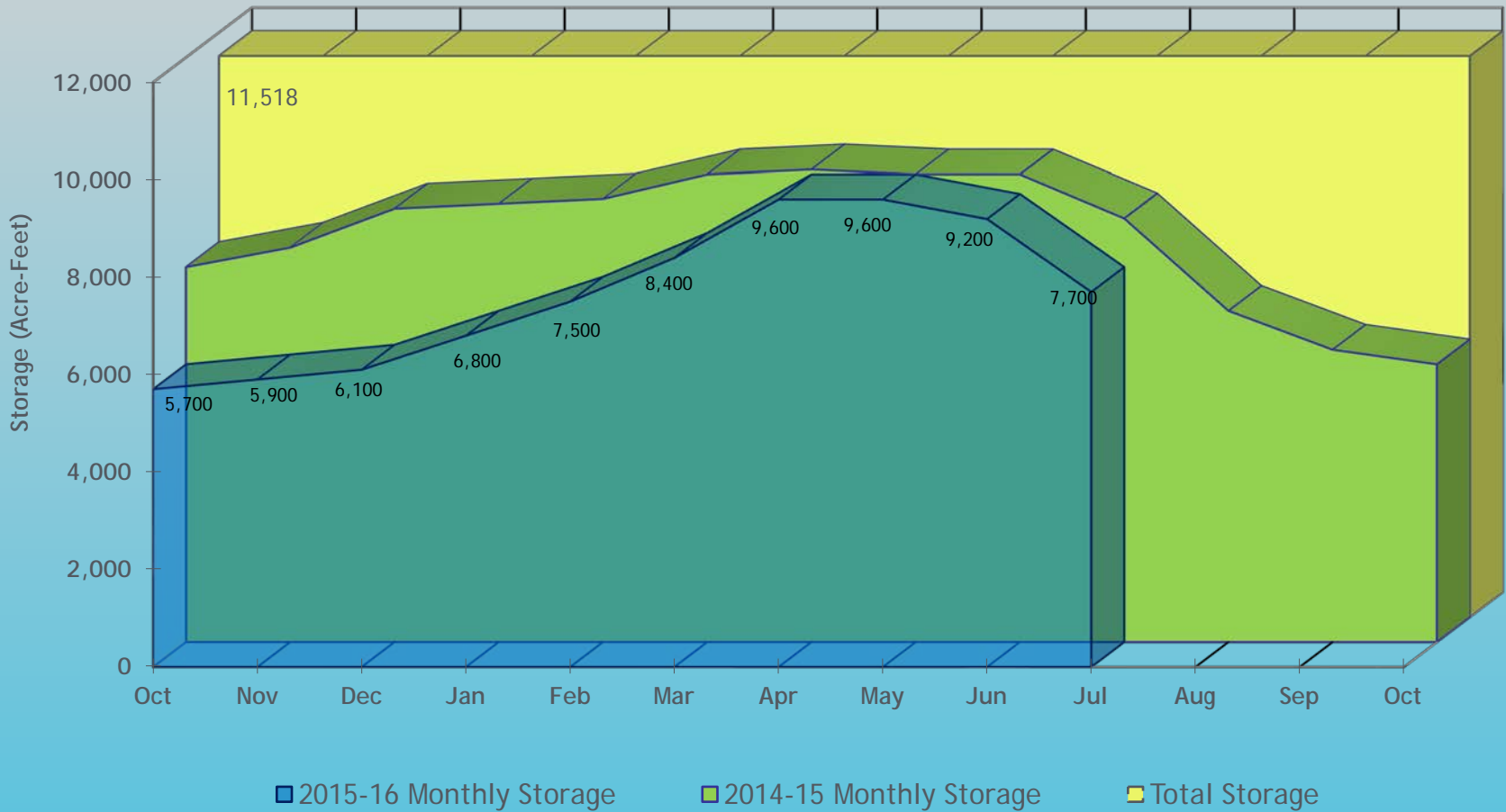
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



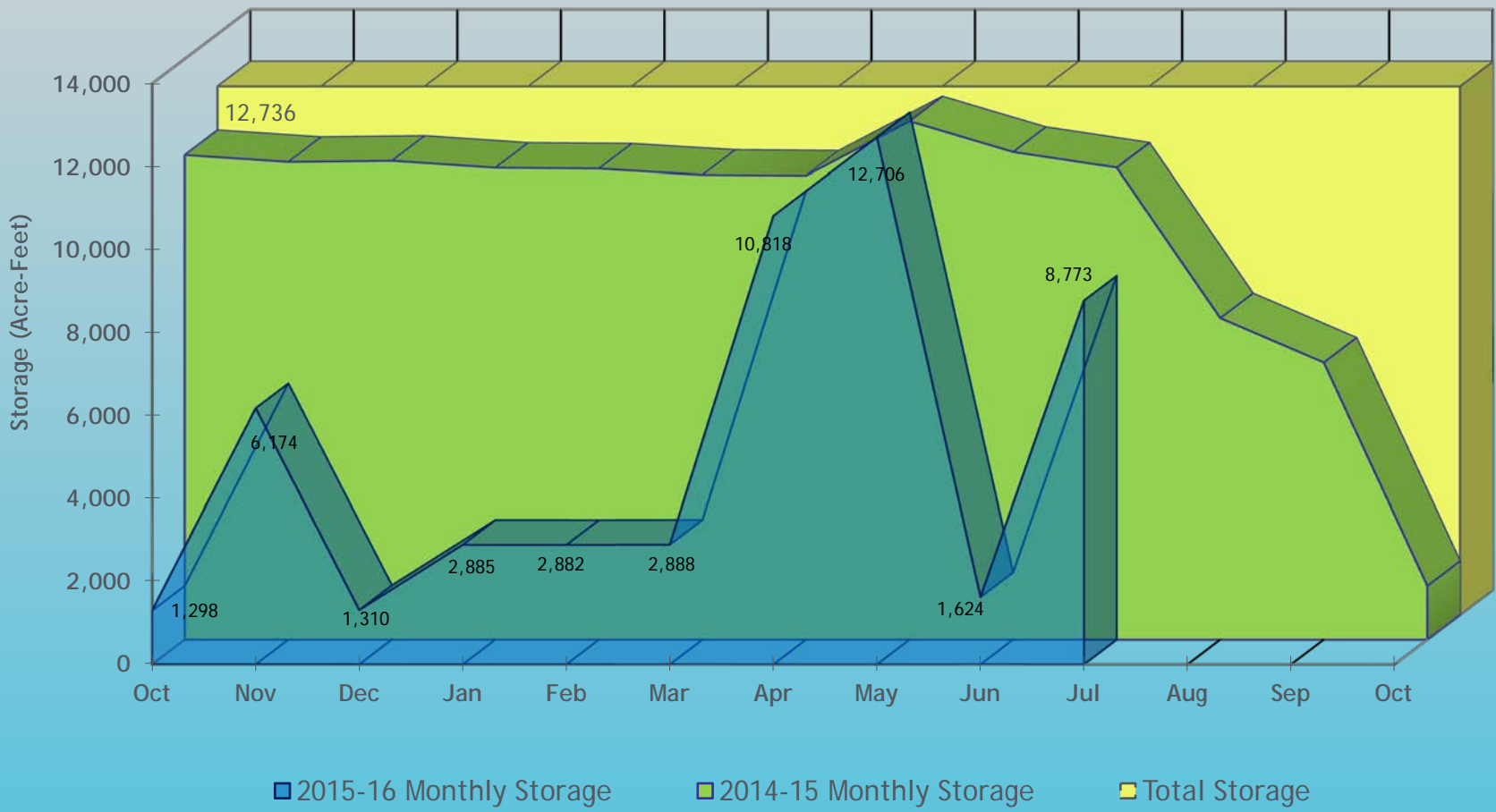
Halligan Reservoir (District 3, Poudre River - Agricultural)



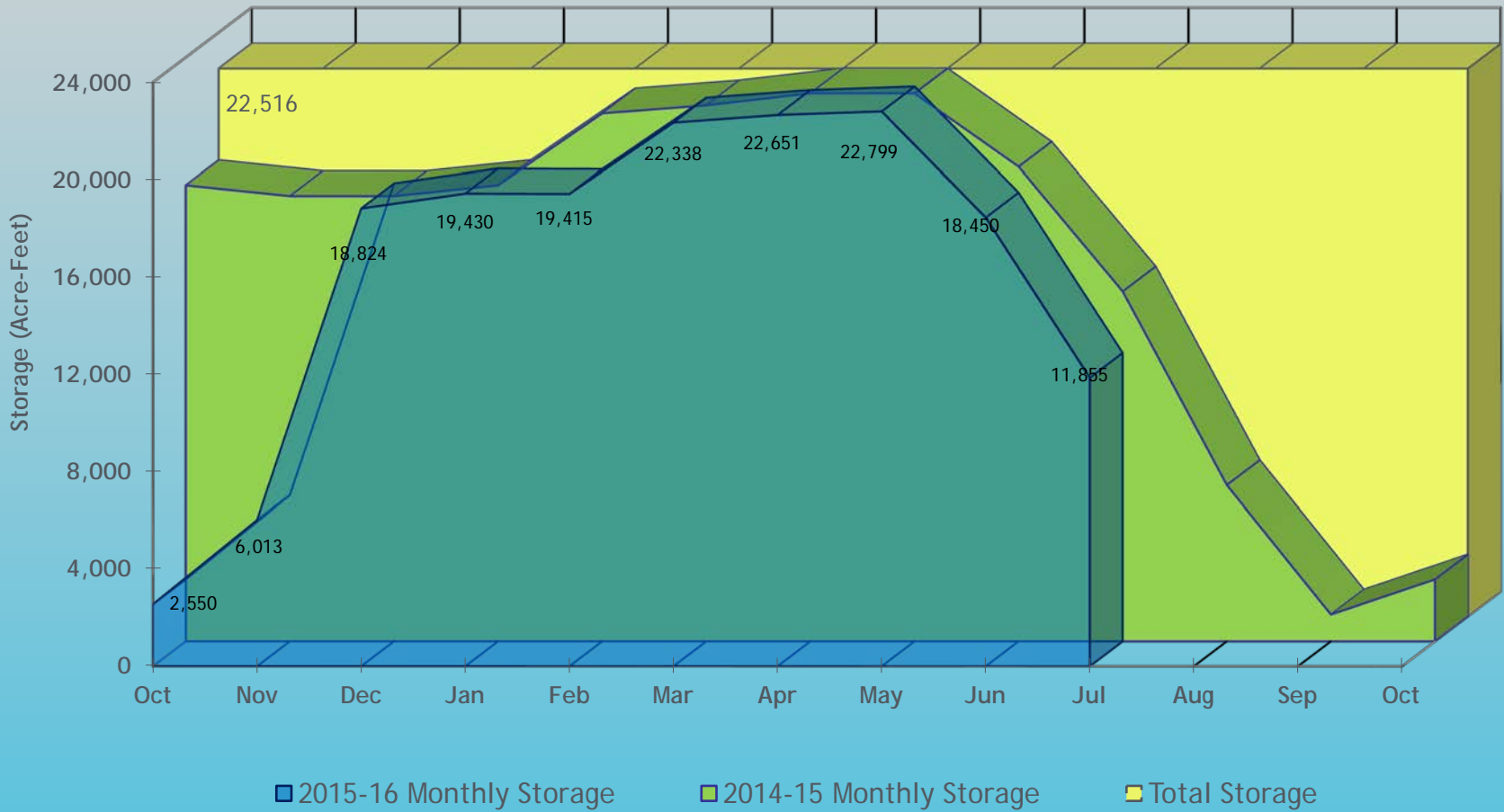
Marshall Lake (District 6, Boulder Creek - Agricultural)



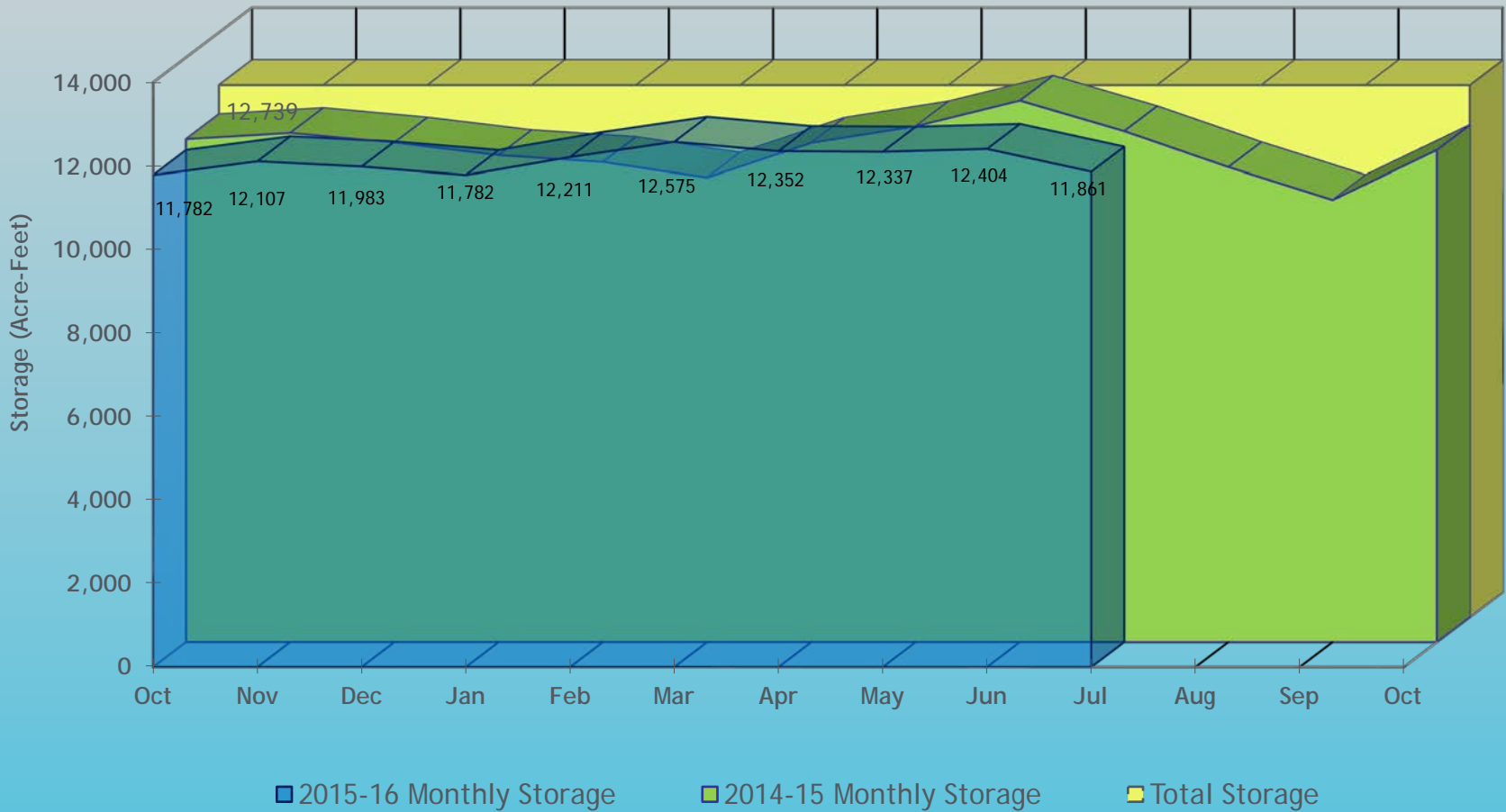
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



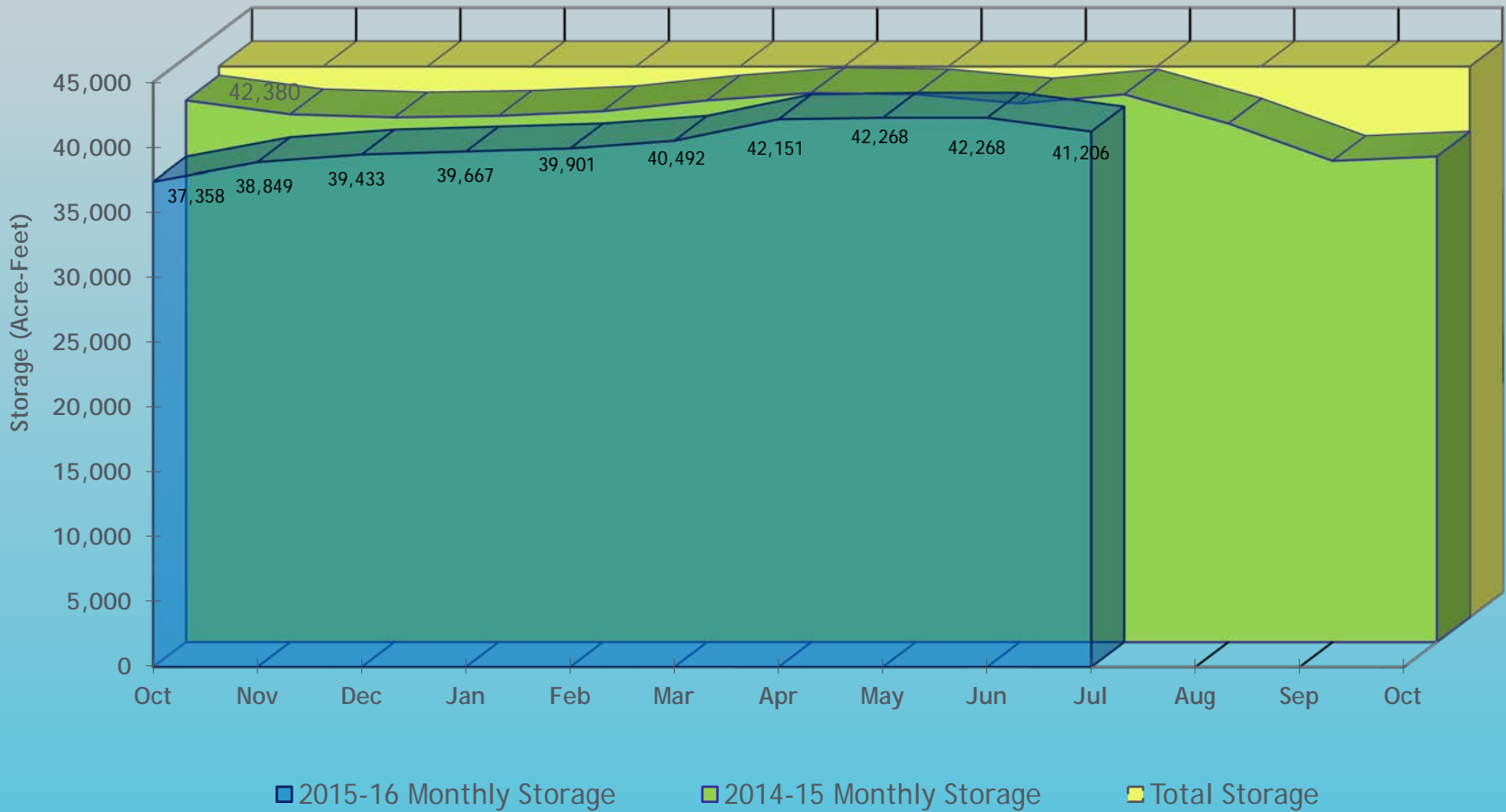
Milton Reservoir (District 2 - Agricultural)



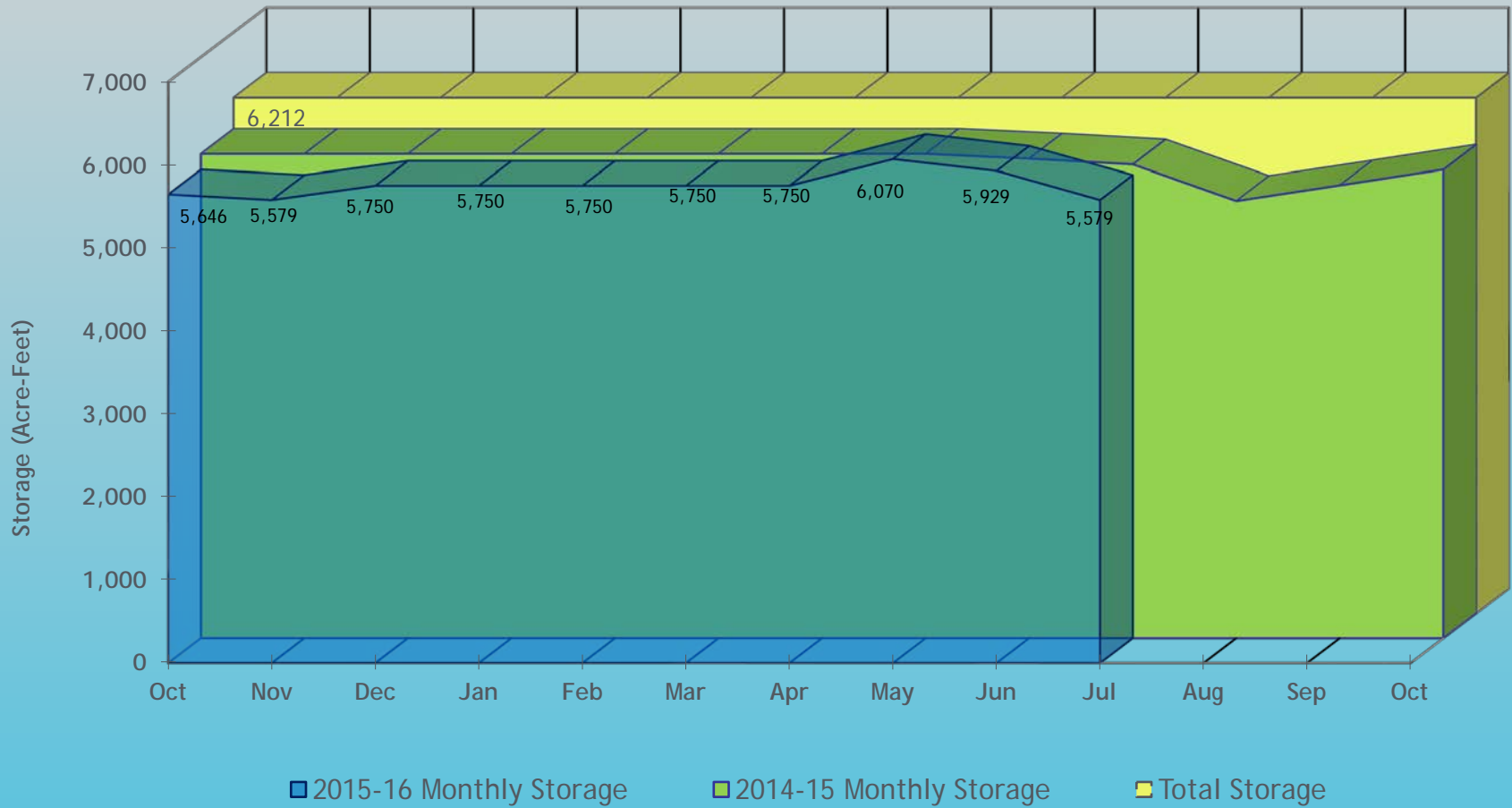
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



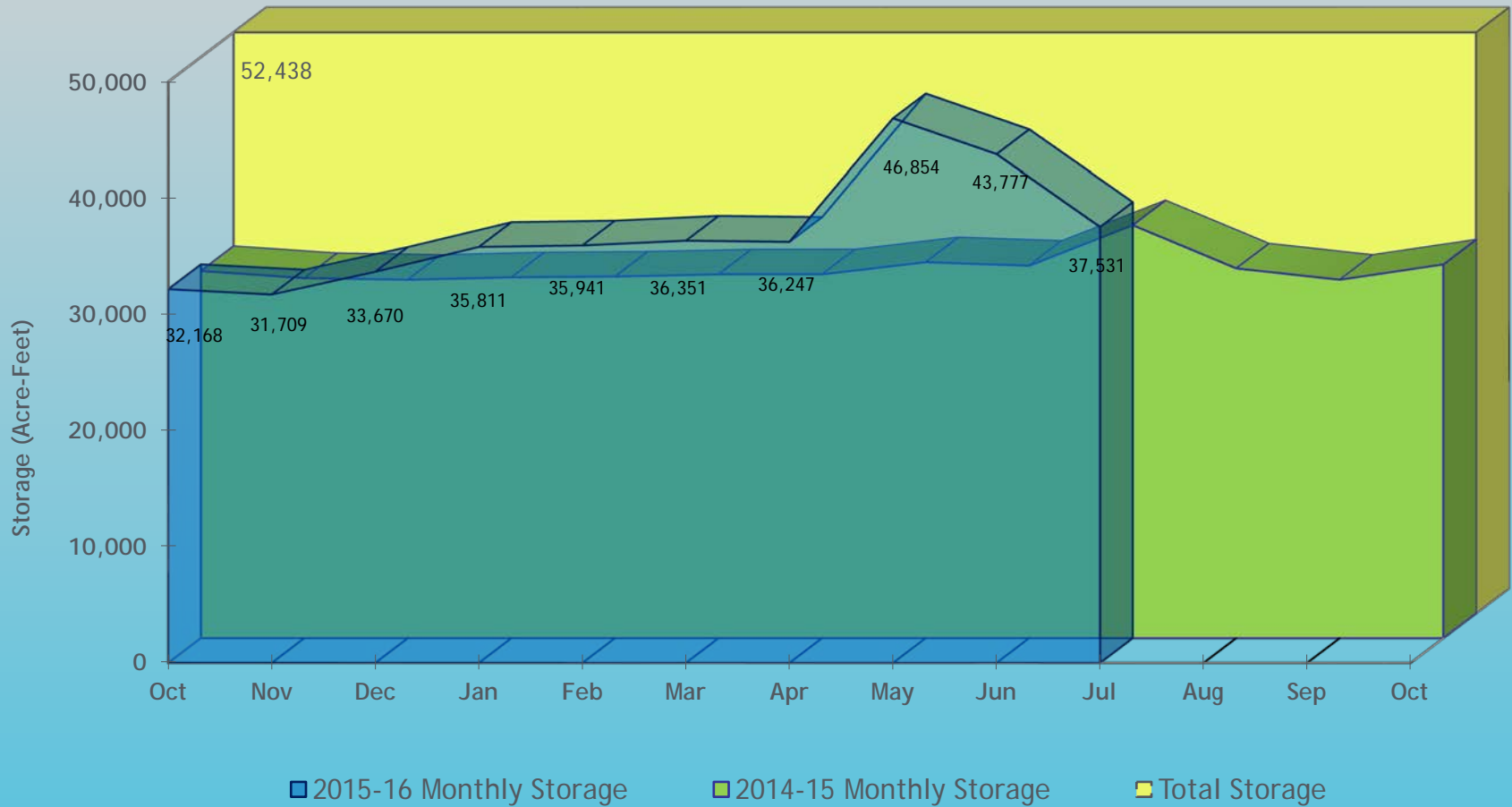
Standley Lake (Agricultural)



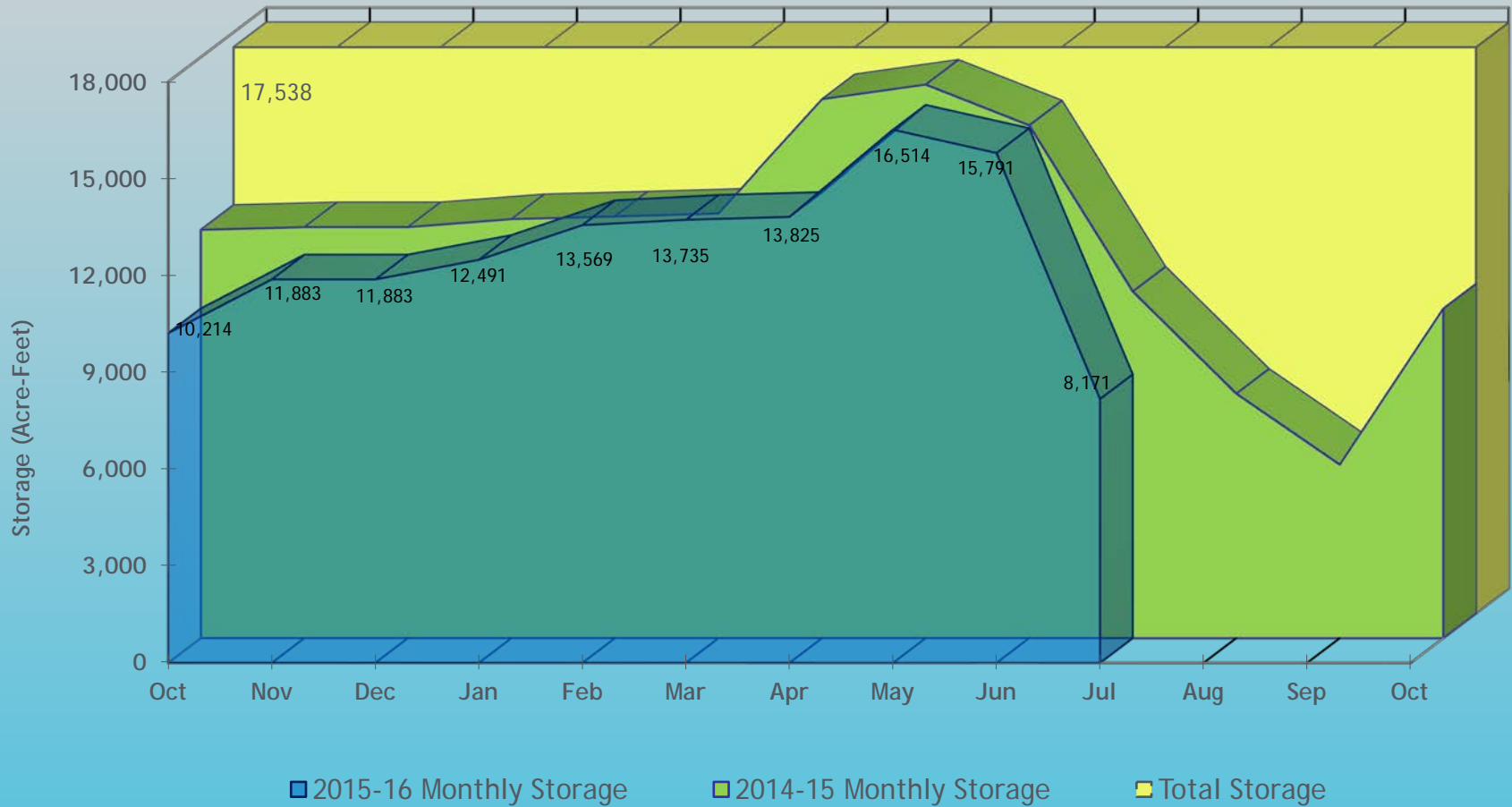
Lower Latham Reservoir (District 2 - Agricultural)



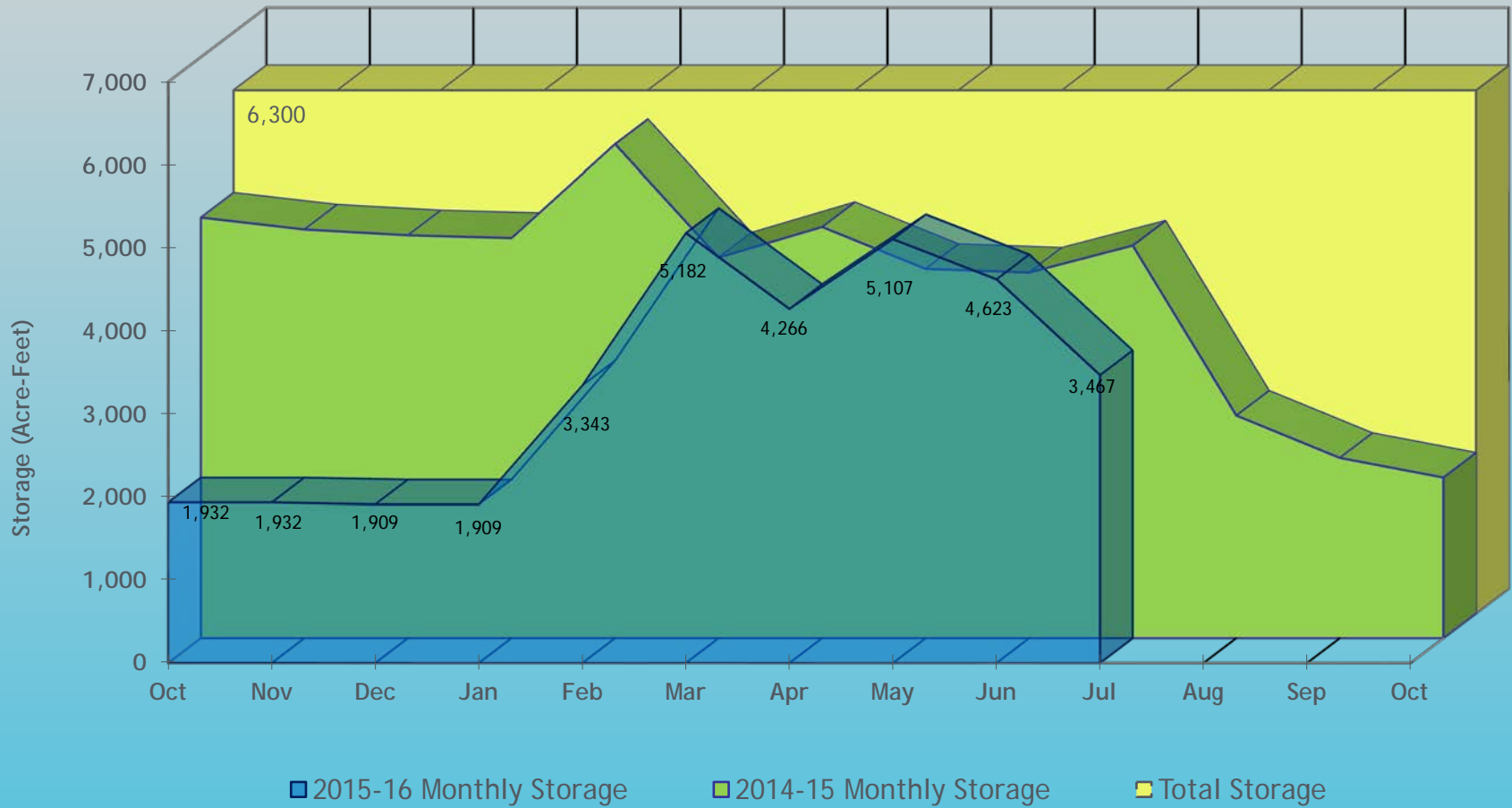
Boyd Lake (District 4, Big Thompson River - Agricultural)



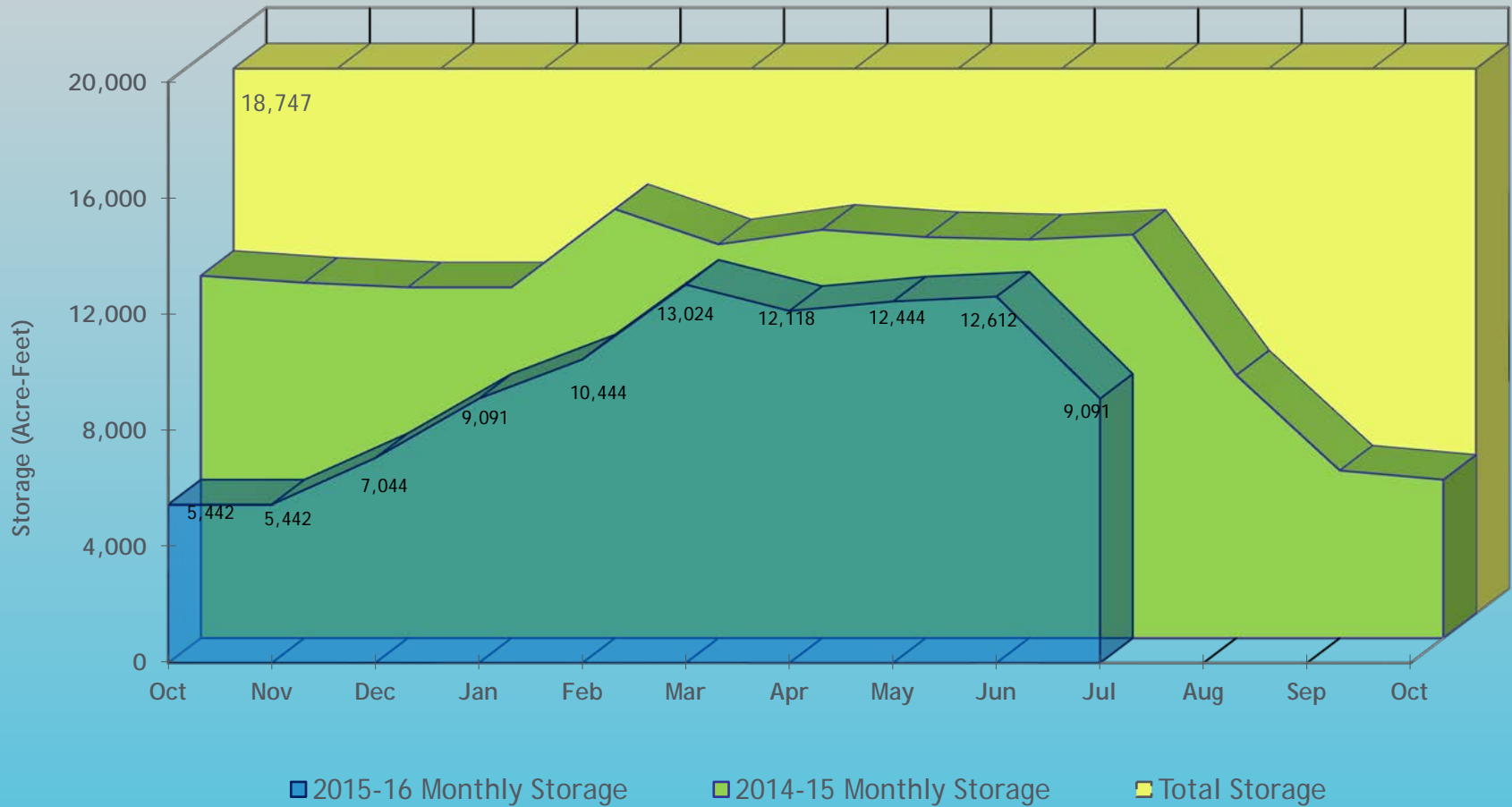
Windsor Reservoir (District 3, Poudre River - Agricultural)



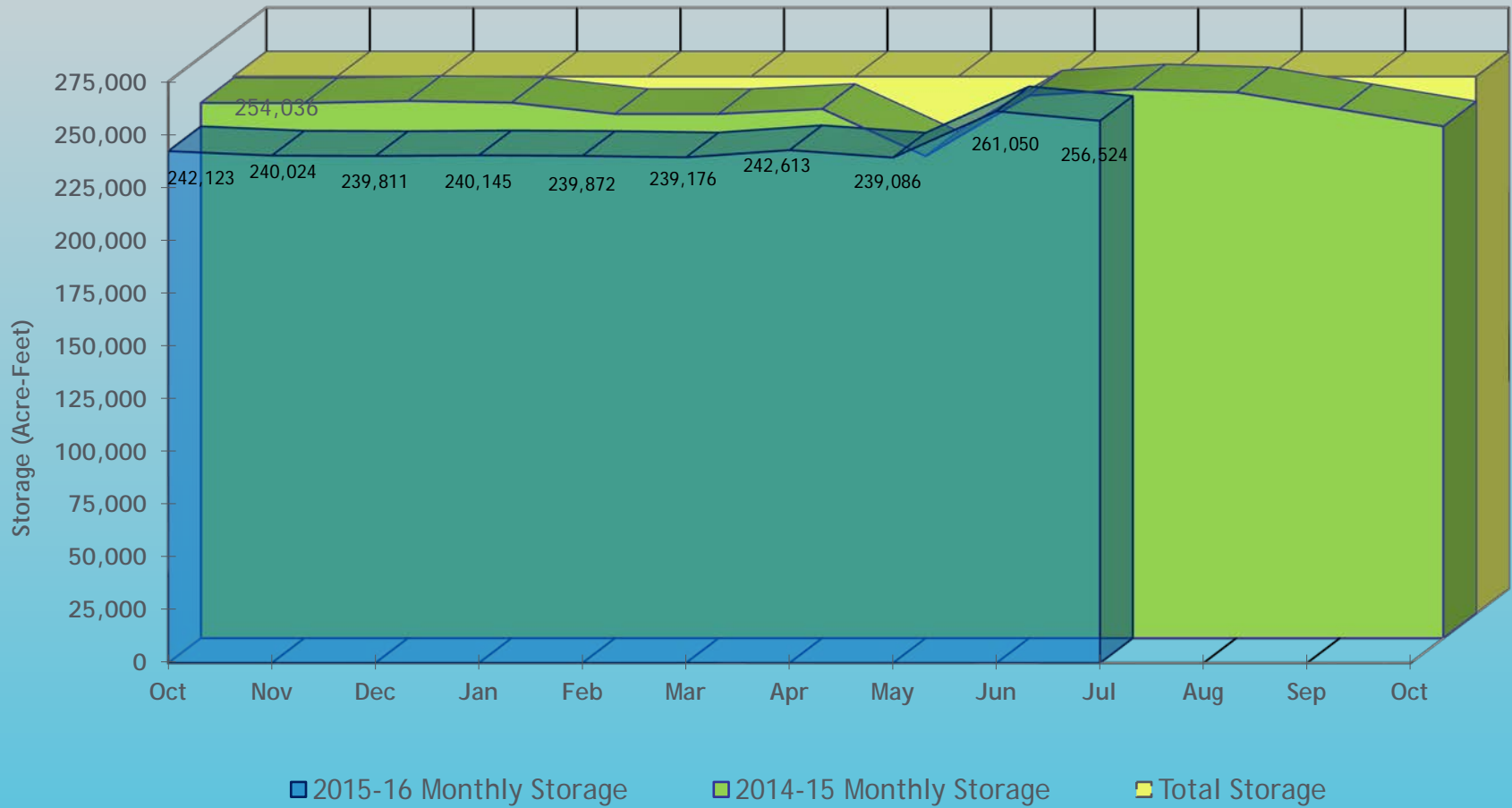
Prospect Reservoir (District 1 - Agricultural)



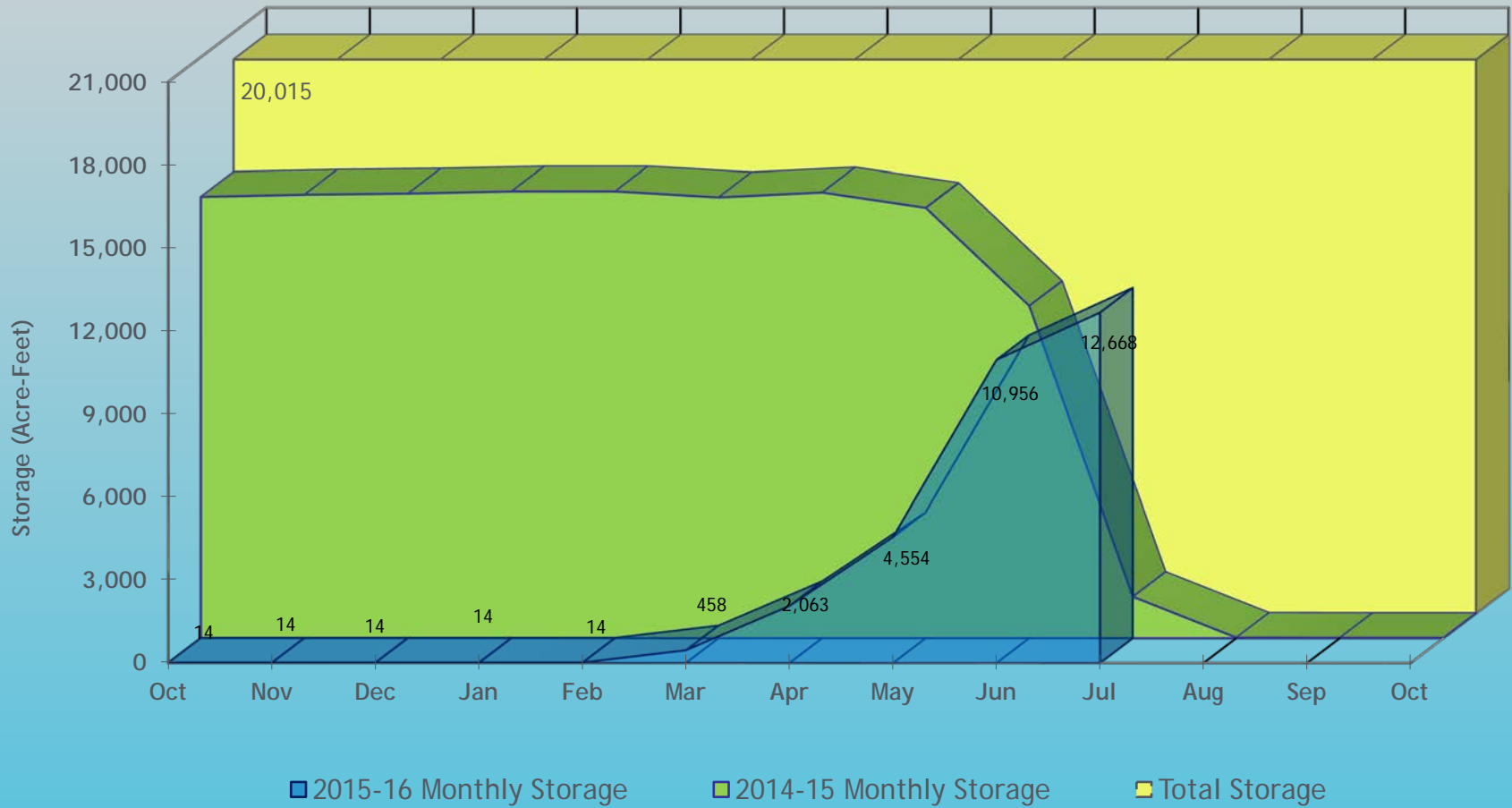
Horse Creek Reservoir (District 1 - Agricultural)



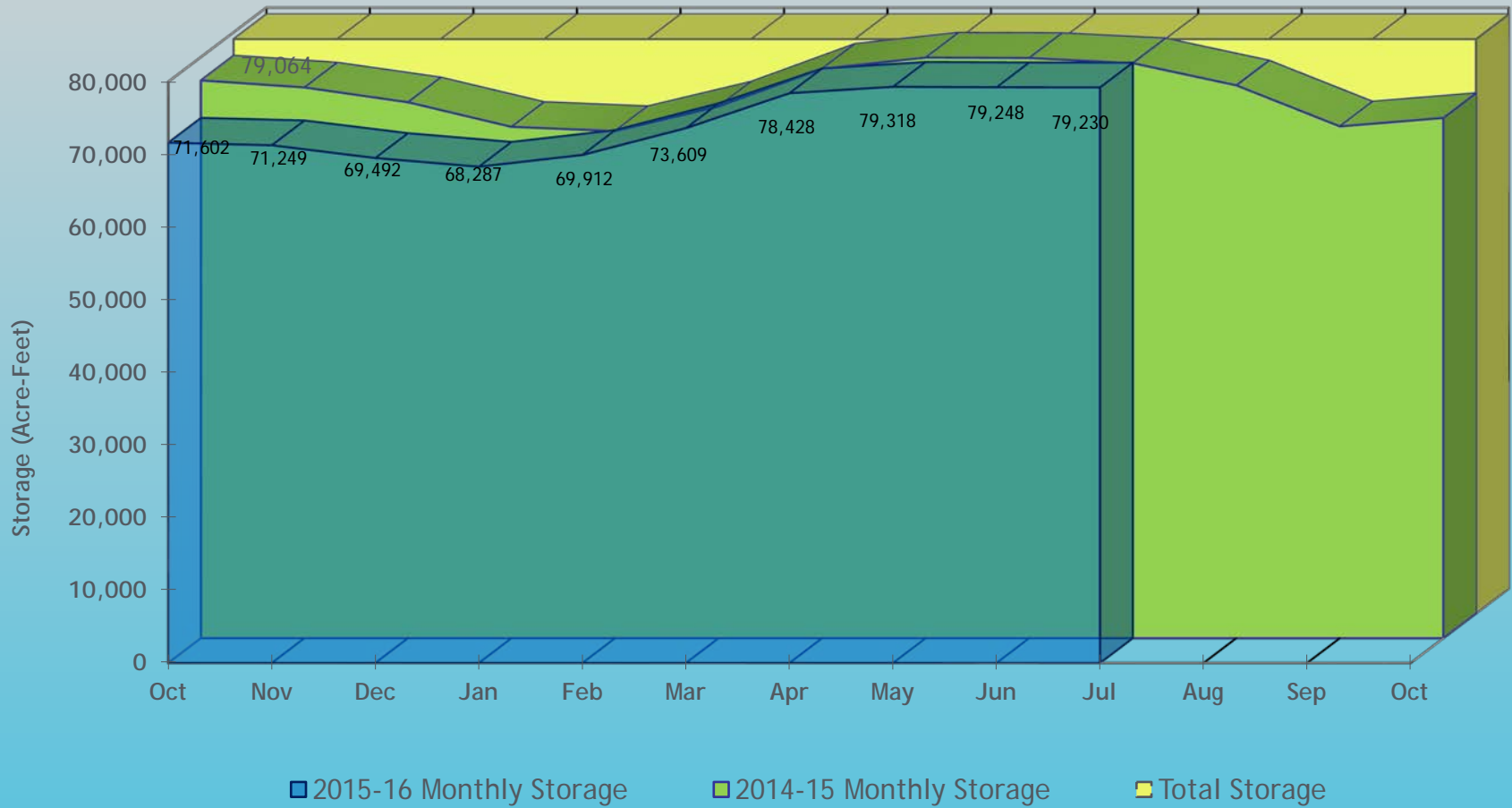
Dillon Reservoir (District 1 - Municipal)



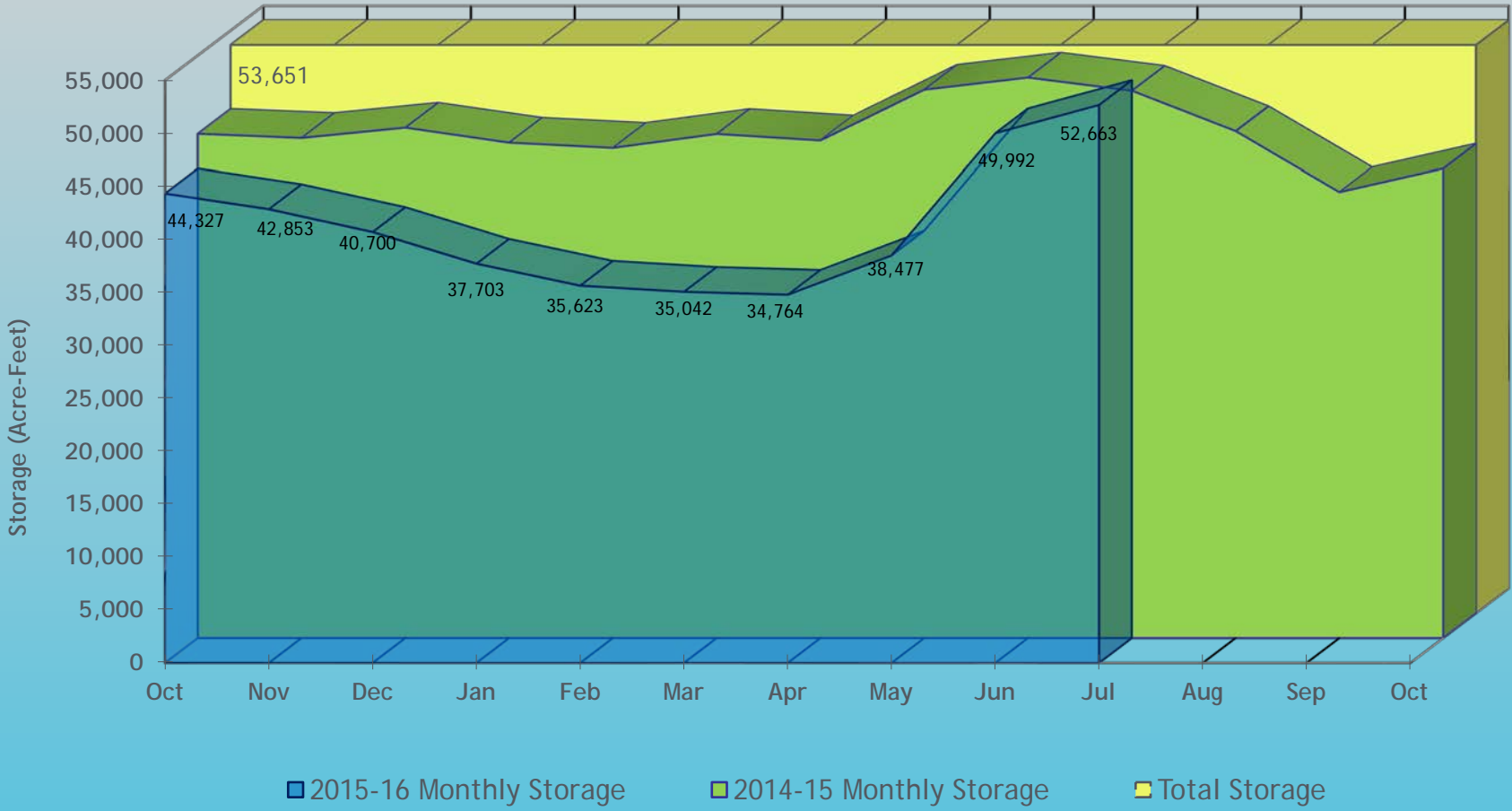
Antero Reservoir (District 23 - Municipal)



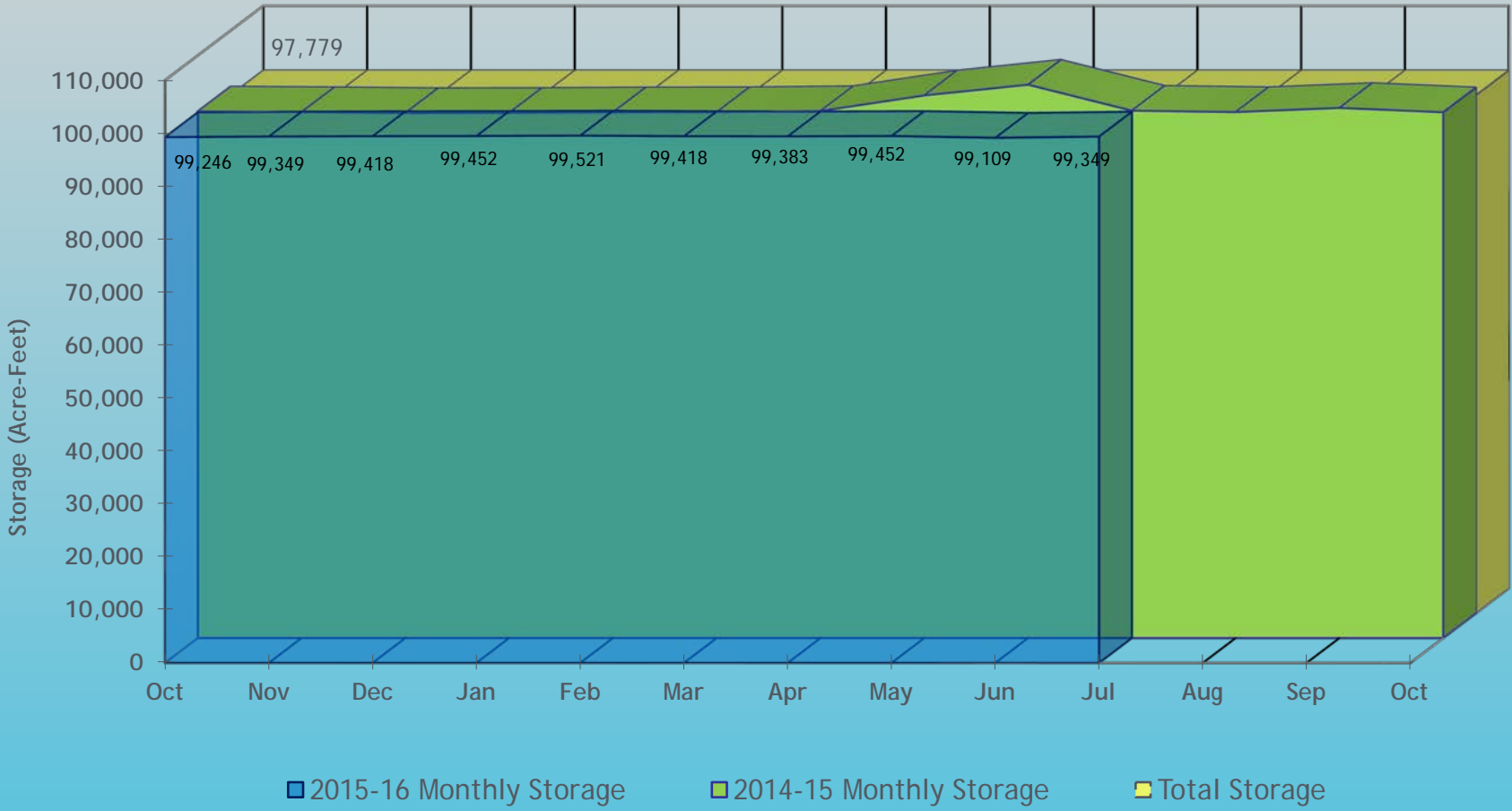
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

