



COLORADO
Department of Natural Resources

South Platte Summary October 2016

Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

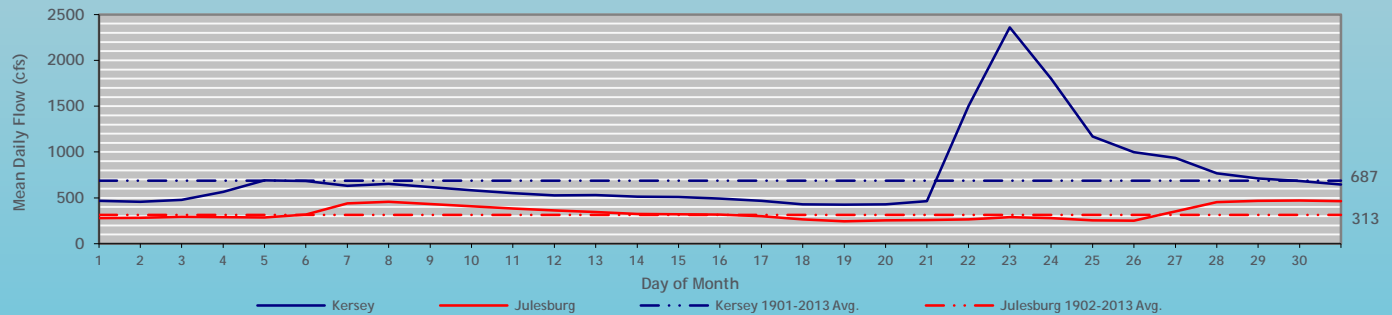
MONTH OF October 2016

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	8,913	13,553	64	4,640	52%	60%	75%	0
N STERLING	73,730	11,093	16,020	64	4,927	44%	22%	28%	0
PREWITT	28,500	14,252	12,601	64	-1,651	-12%	44%	69%	0
JACKSON	27,257	19,025	20,751	1	1,726	9%	76%	75%	0
EMPIRE	37,700	4,931	7,579	1	2,648	54%	20%	48%	0
RIVERSIDE	63,113	24,075	31,017	1	6,942	29%	49%	52%	0
BARR LAKE	32,152	10,325	12,200	2	1,875	18%	38%	42%	0
CHEESMAN	79,064	65,916	63,100	80	-2,816	-4%	80%	91%	0
ELEVEN MILE	97,779	100,174	99,486	23	-688	-1%	100%	100%	1,707
SPINNEY	53,651	40,887	35,397	23	-5,490	-13%	66%	83%	0
ANTERO	20,015	13,536	13,667	23	131	1%	68%	0%	0

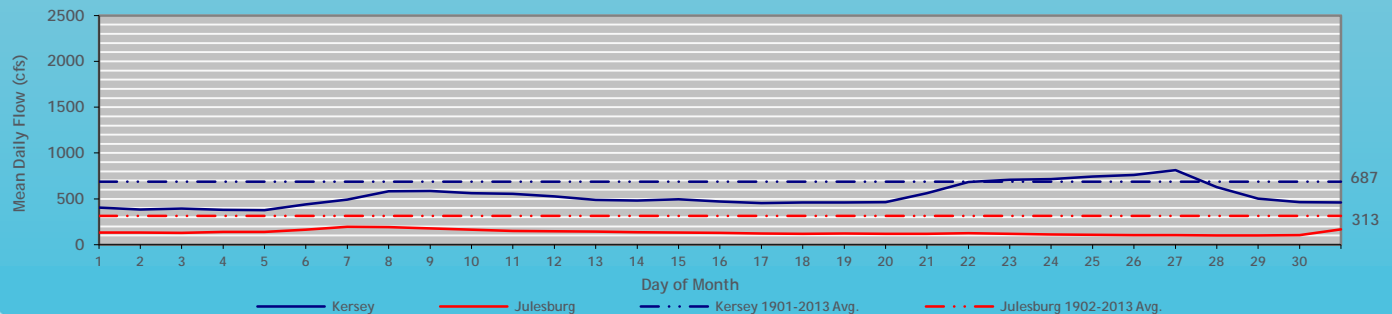
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	532
JULESBURG	134
THIS MONTH LAST YEAR	
KERSEY	734
JULESBURG	336
MEAN FOR PERIOD OF RECORD*	
KERSEY	687
JULESBURG	313

*Kersey 1901 - 2016
*Julesburg 1902 - 2016

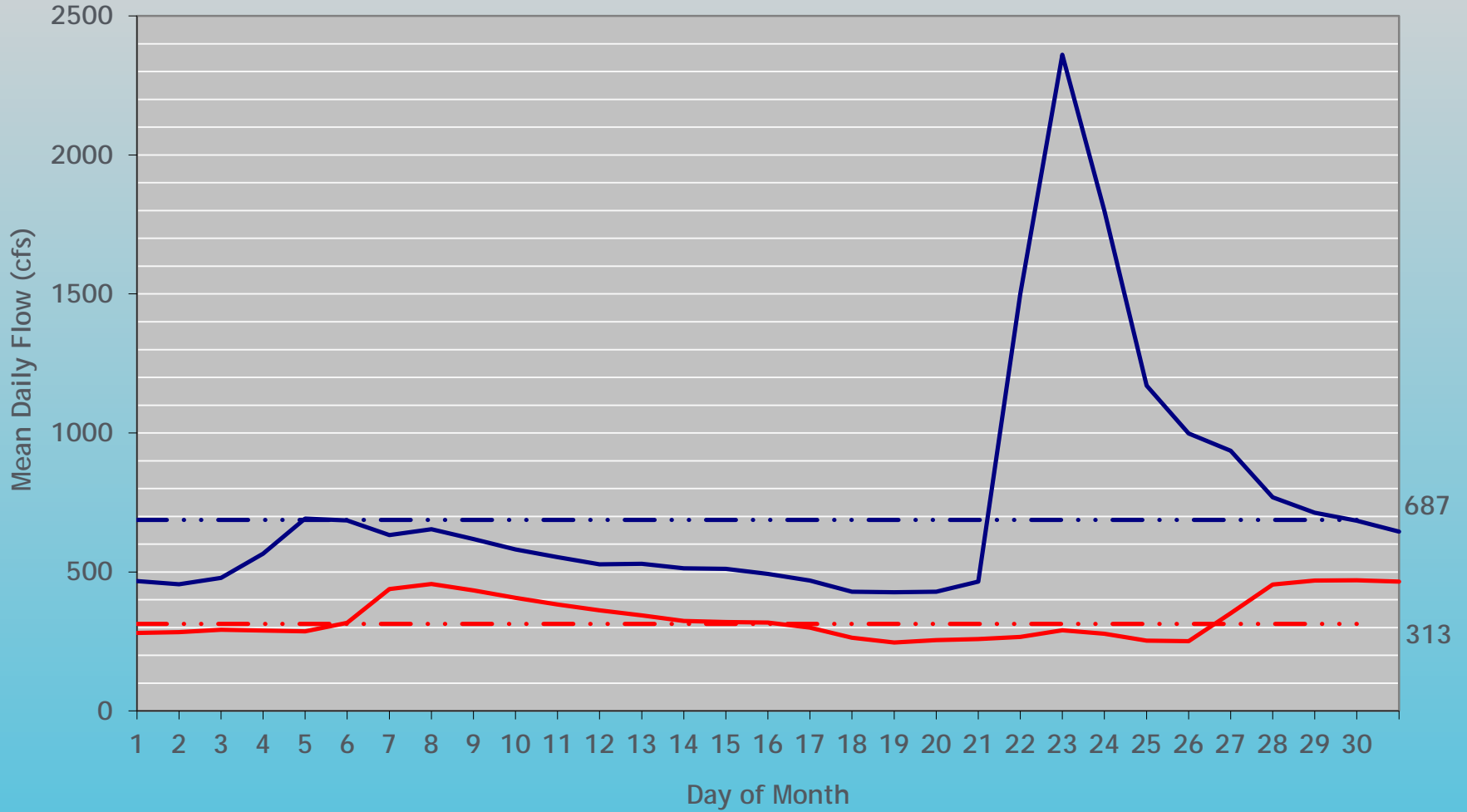
KERSEY and JULESBURG
October 2015



KERSEY and JULESBURG
October 2016

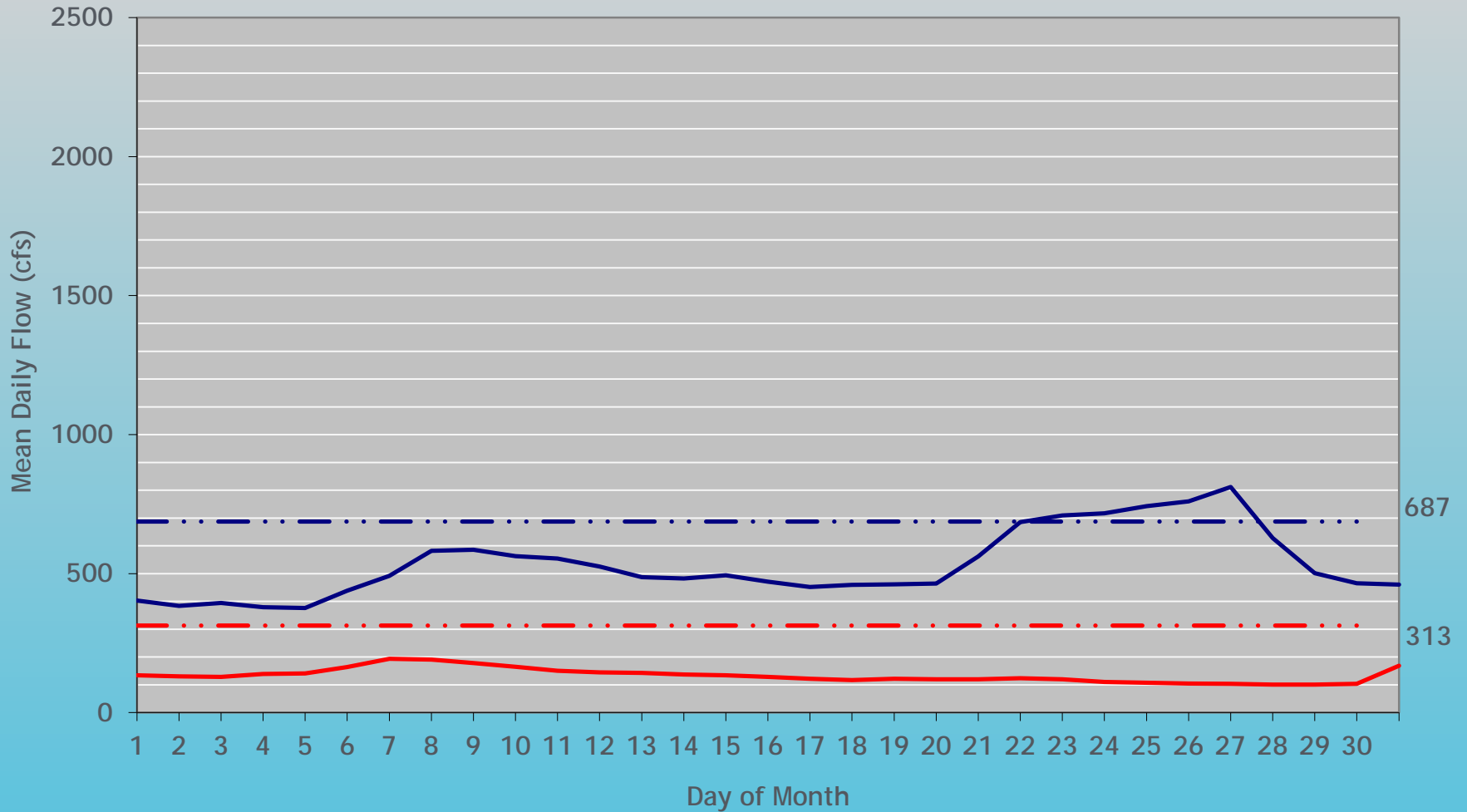


KERSEY and JULESBURG October 2015



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

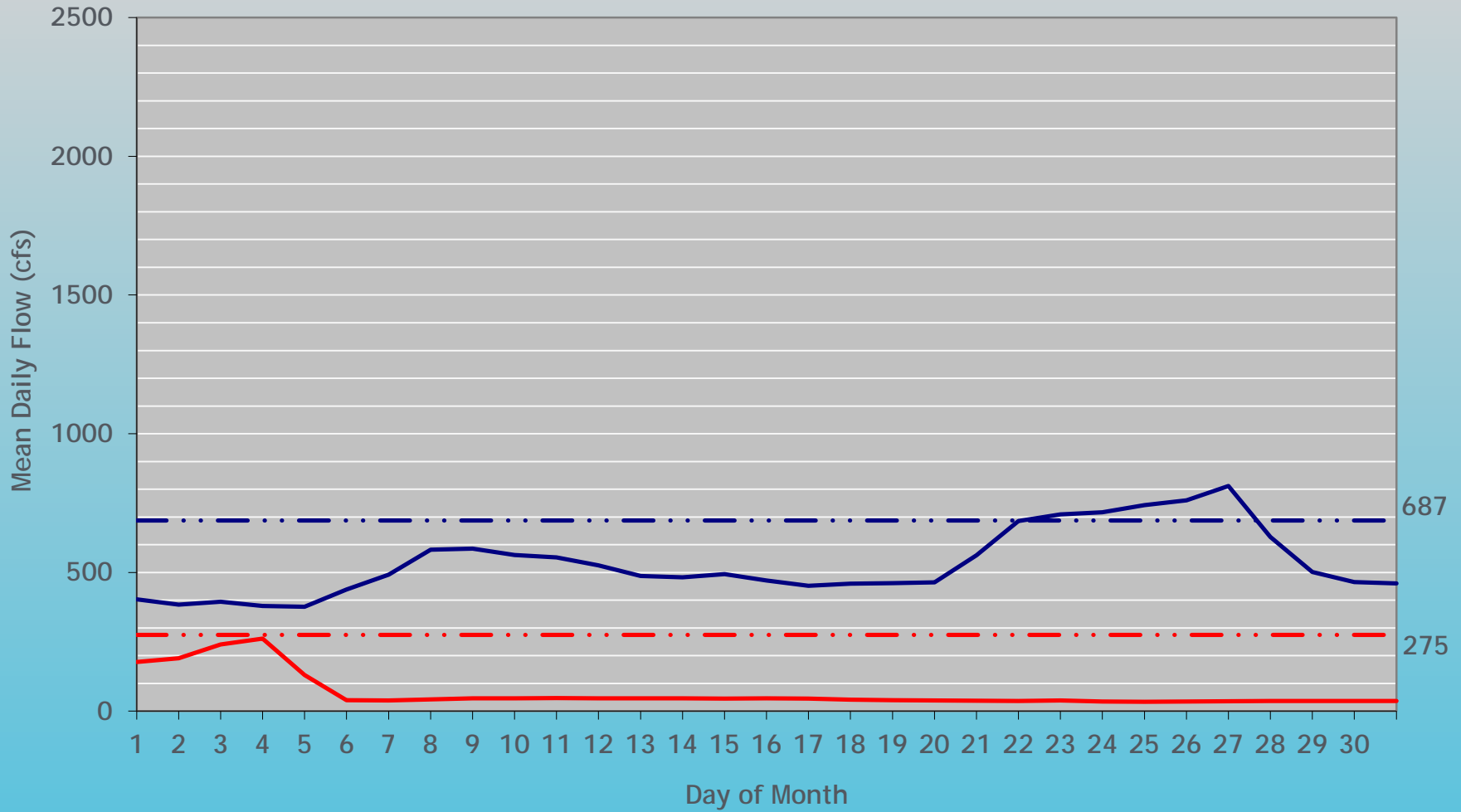
KERSEY and JULESBURG October 2016



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

KERSEY and BALZAC

October 2016



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

South Platte River Monthly Stream Flow (cfs) Statistics

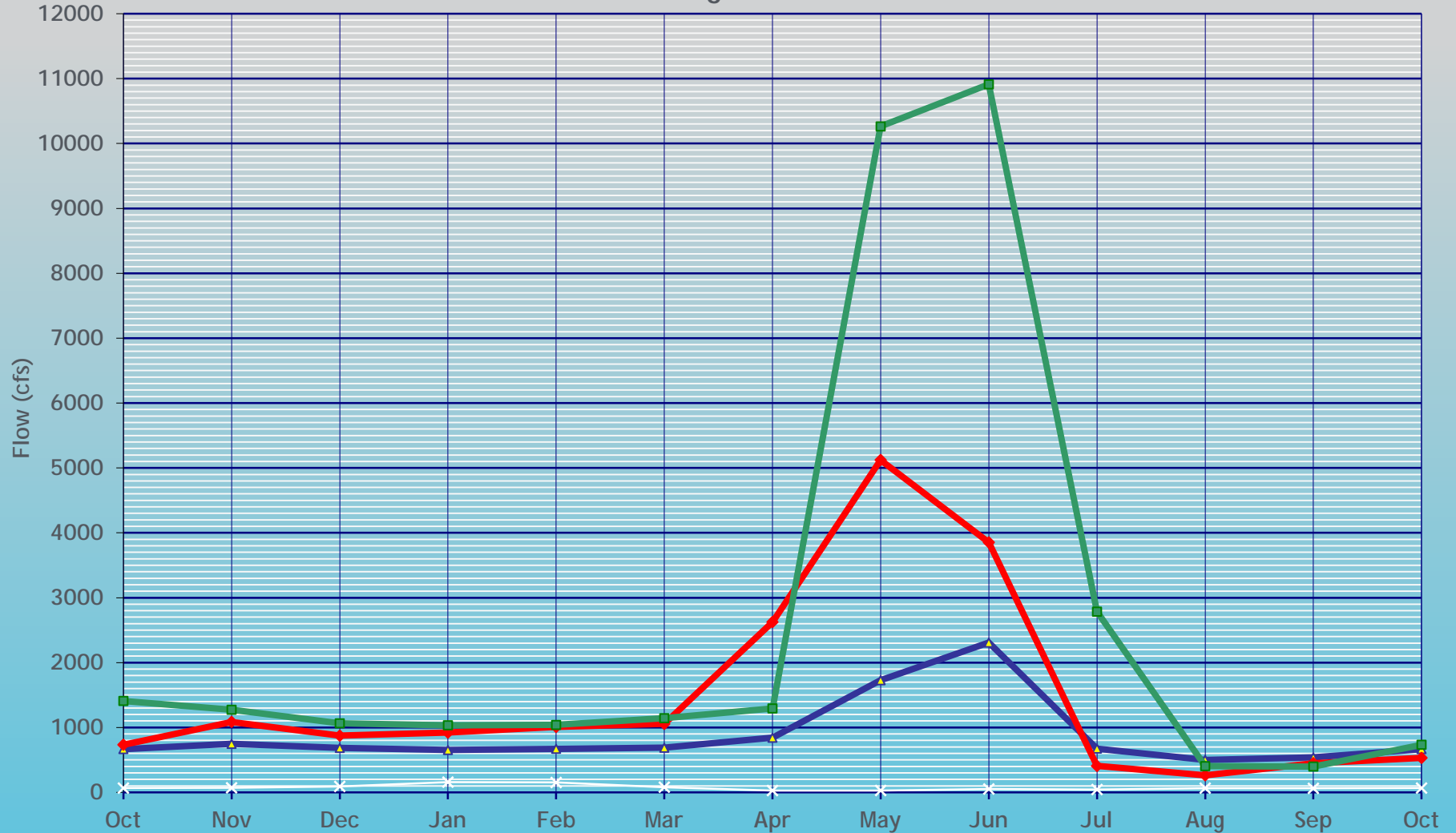
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2016 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2016 Mean Monthly Flow
Oct	667	6180	1984	66	1954	734	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	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	263	Aug	178	8920	1968	0.0	1903	111
Sep	539	14200	1938	62	1940	450	Sep	284	7130	1938	2.0	1902	154
Oct	667	6180	1984	66	1954	532	Oct	299	3130	1984	4.2	1903	134

*Period of record 1902-2016

*Period of record 1902-2016

South Platte River at Kersey

Irrigation Year

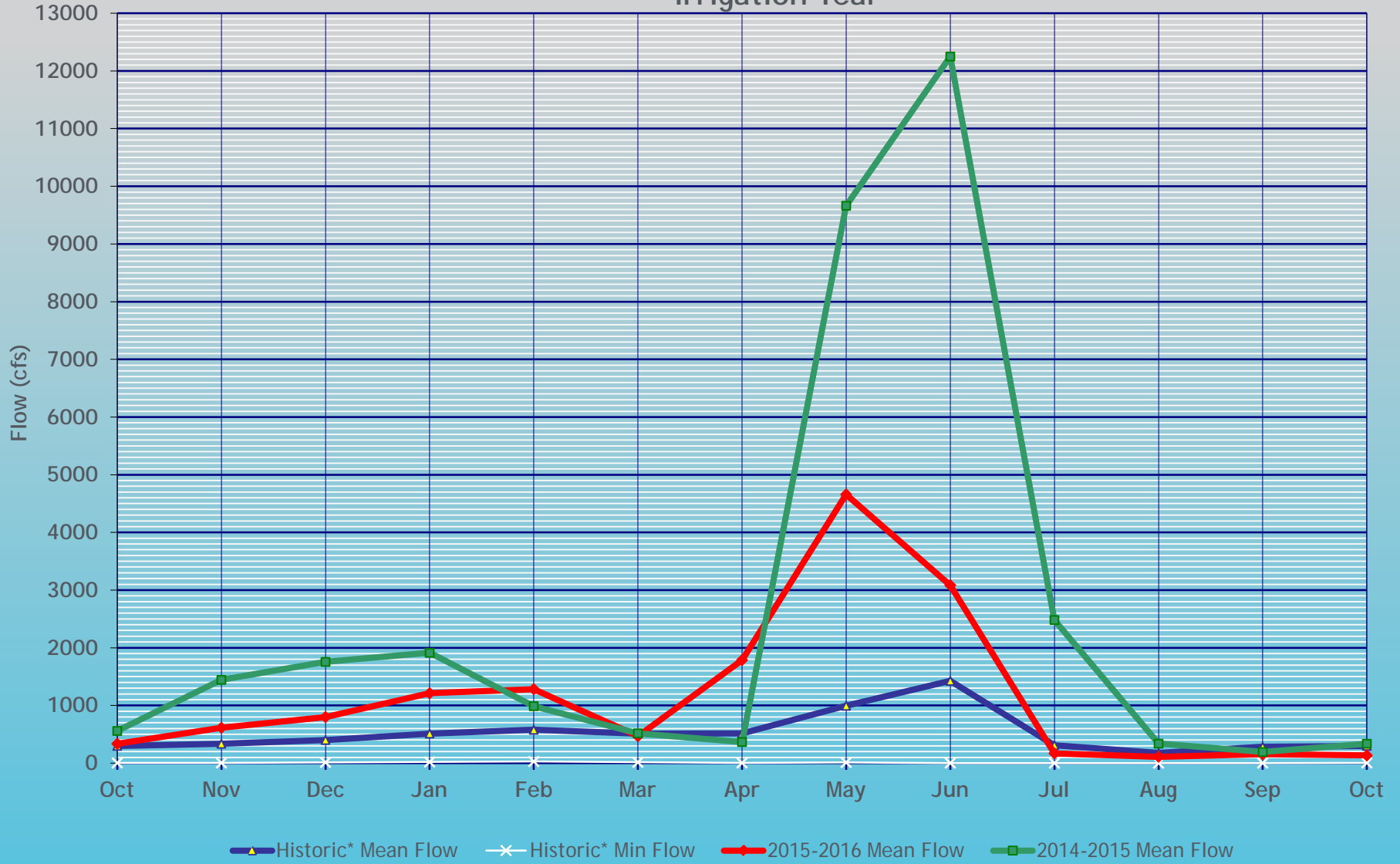


Historic* Mean Flow Historic* Min Flow 2015-2016 Mean Flow 2014-2015 Mean Flow

*1901-2016

South Platte River at Julesburg

Irrigation Year

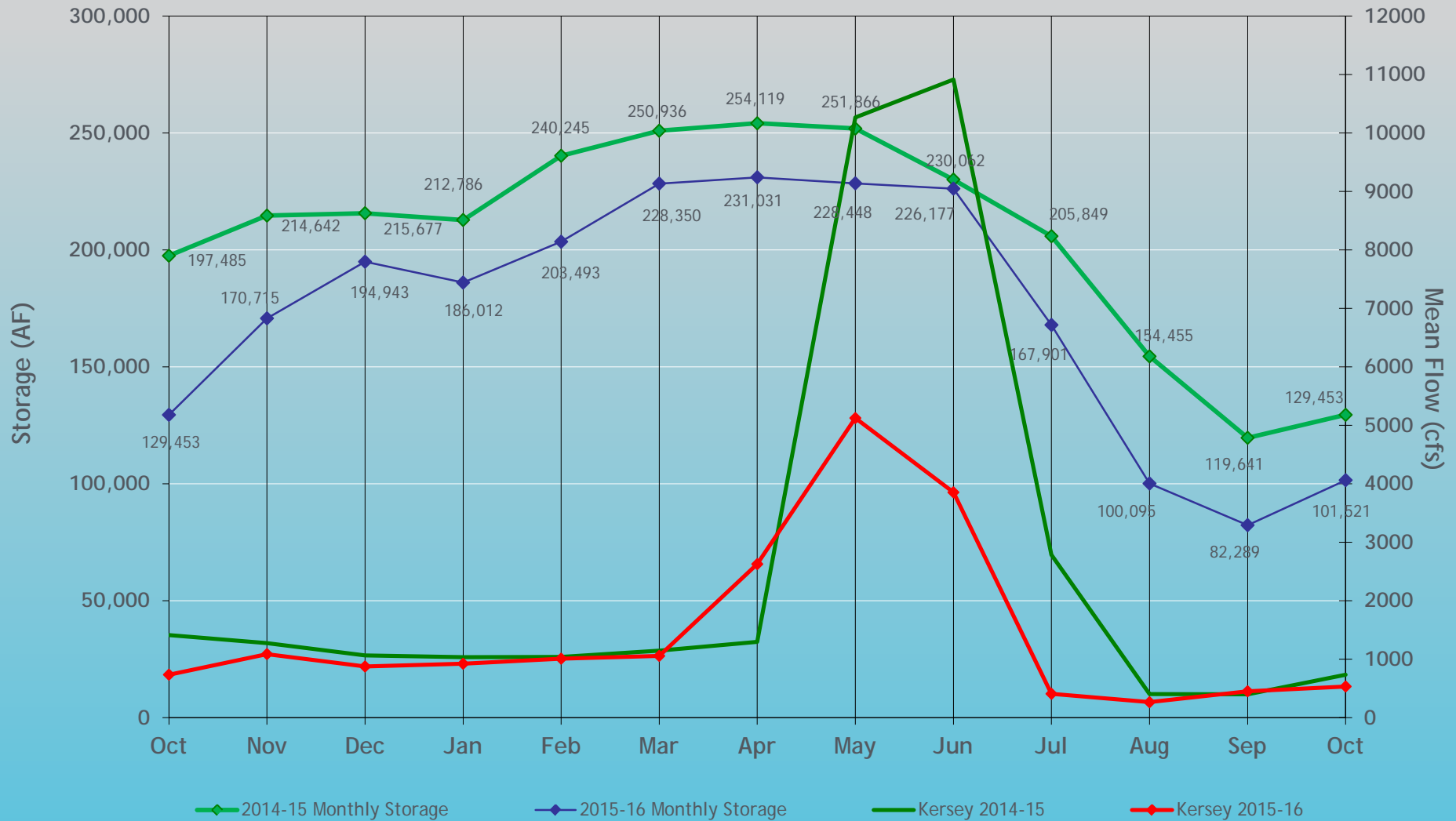


*1901-2016



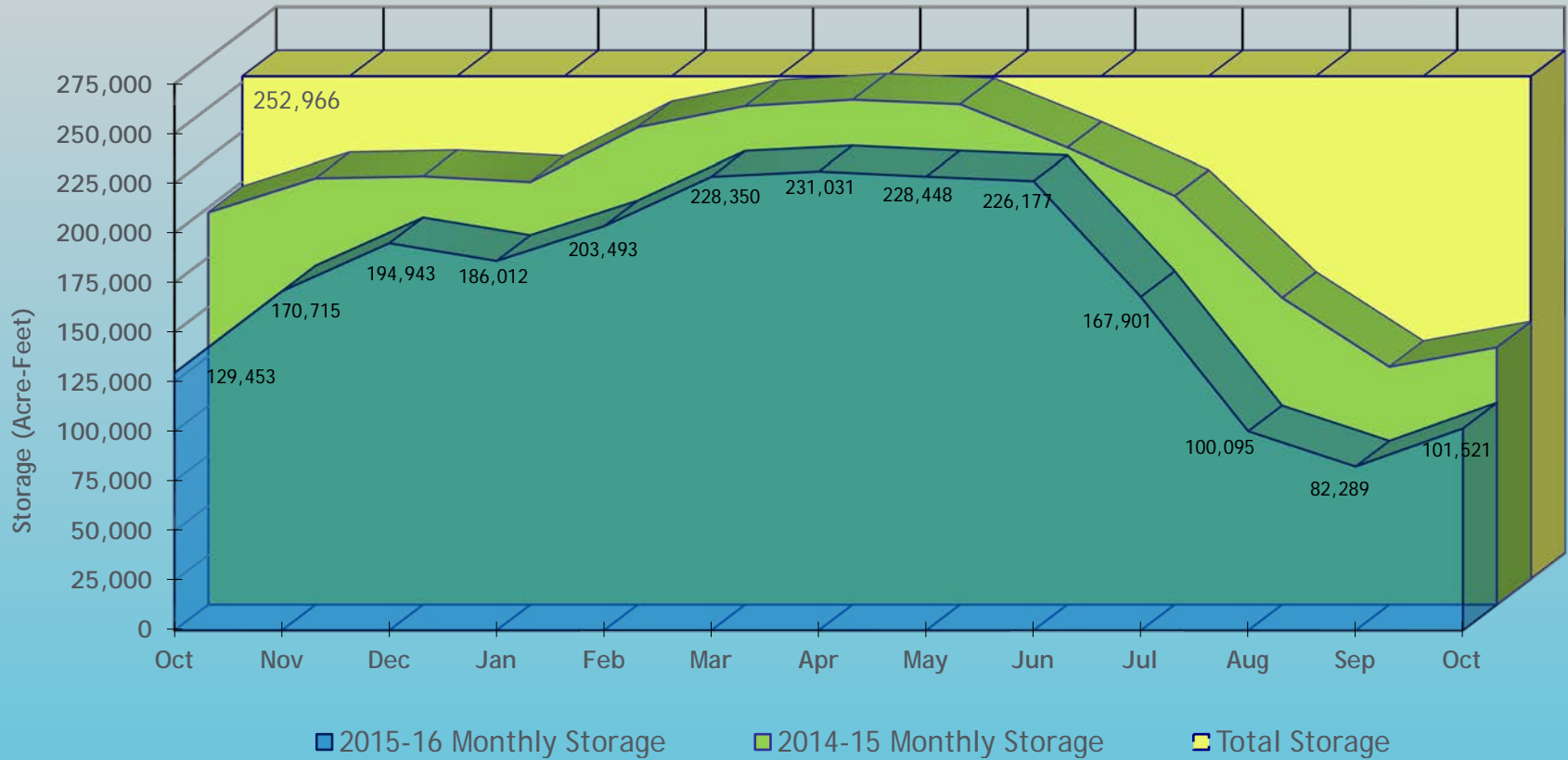
Reservoir Storage below Kersey

Selected Reservoirs*



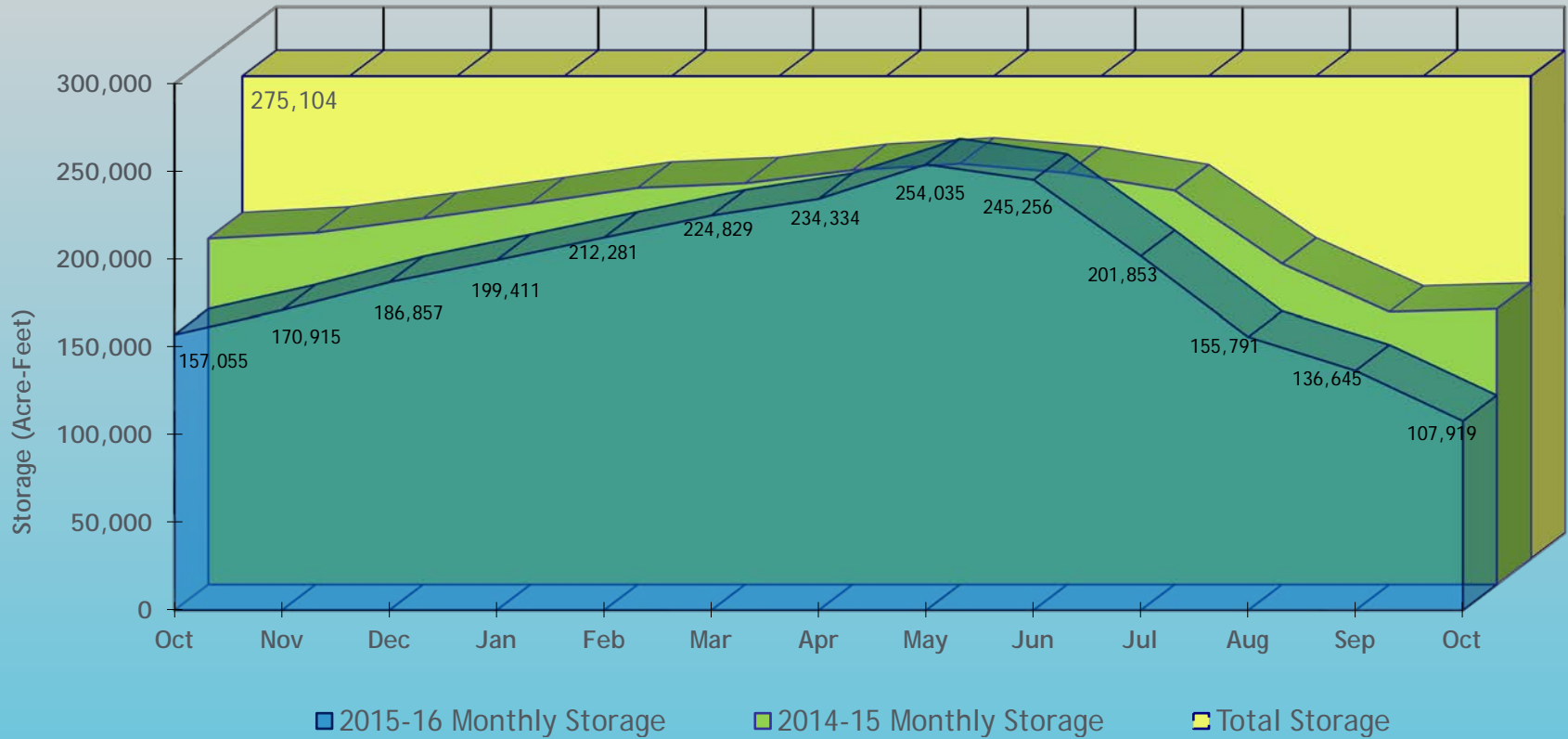
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

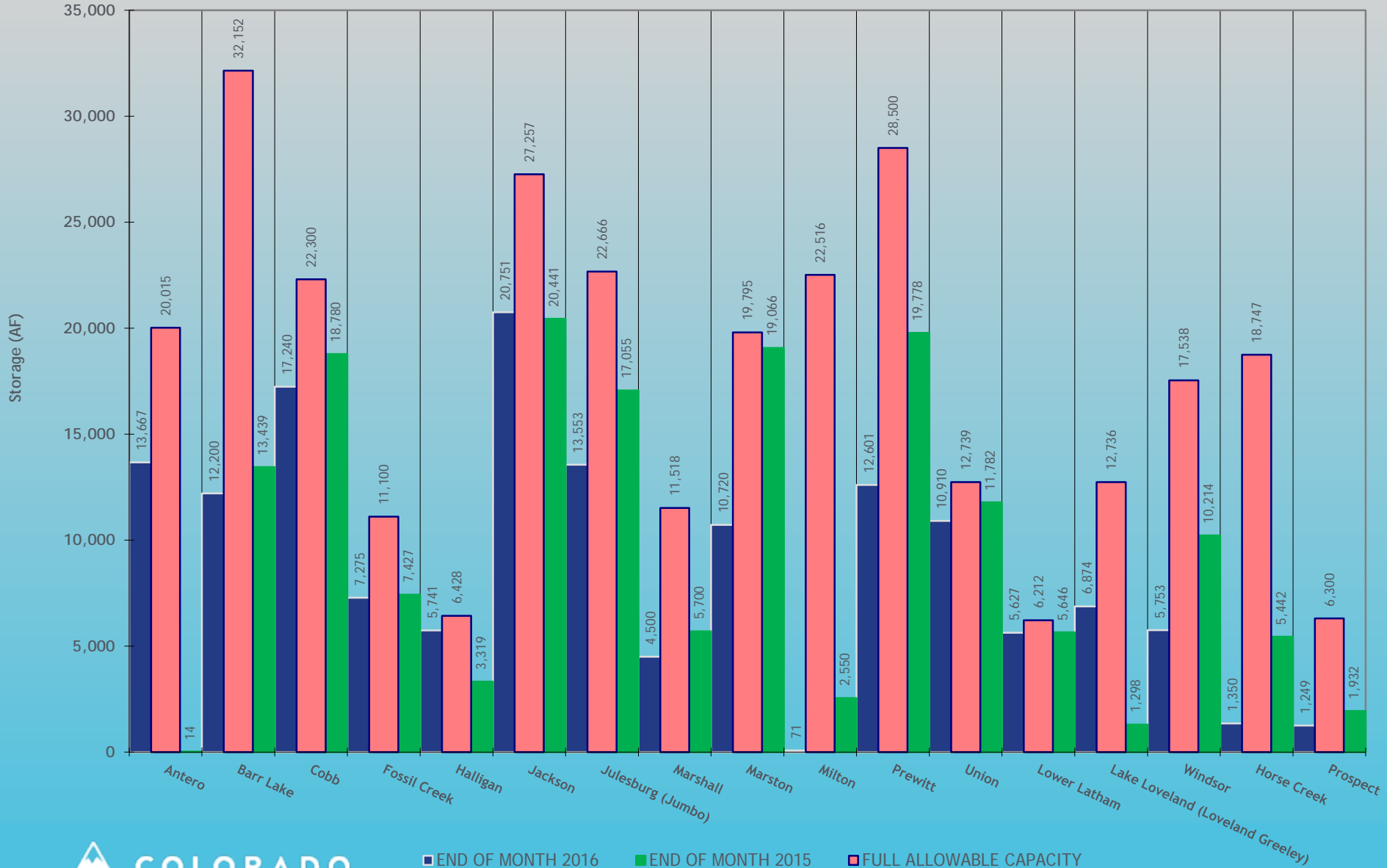
South Platte Reservoir Storage above Kersey*



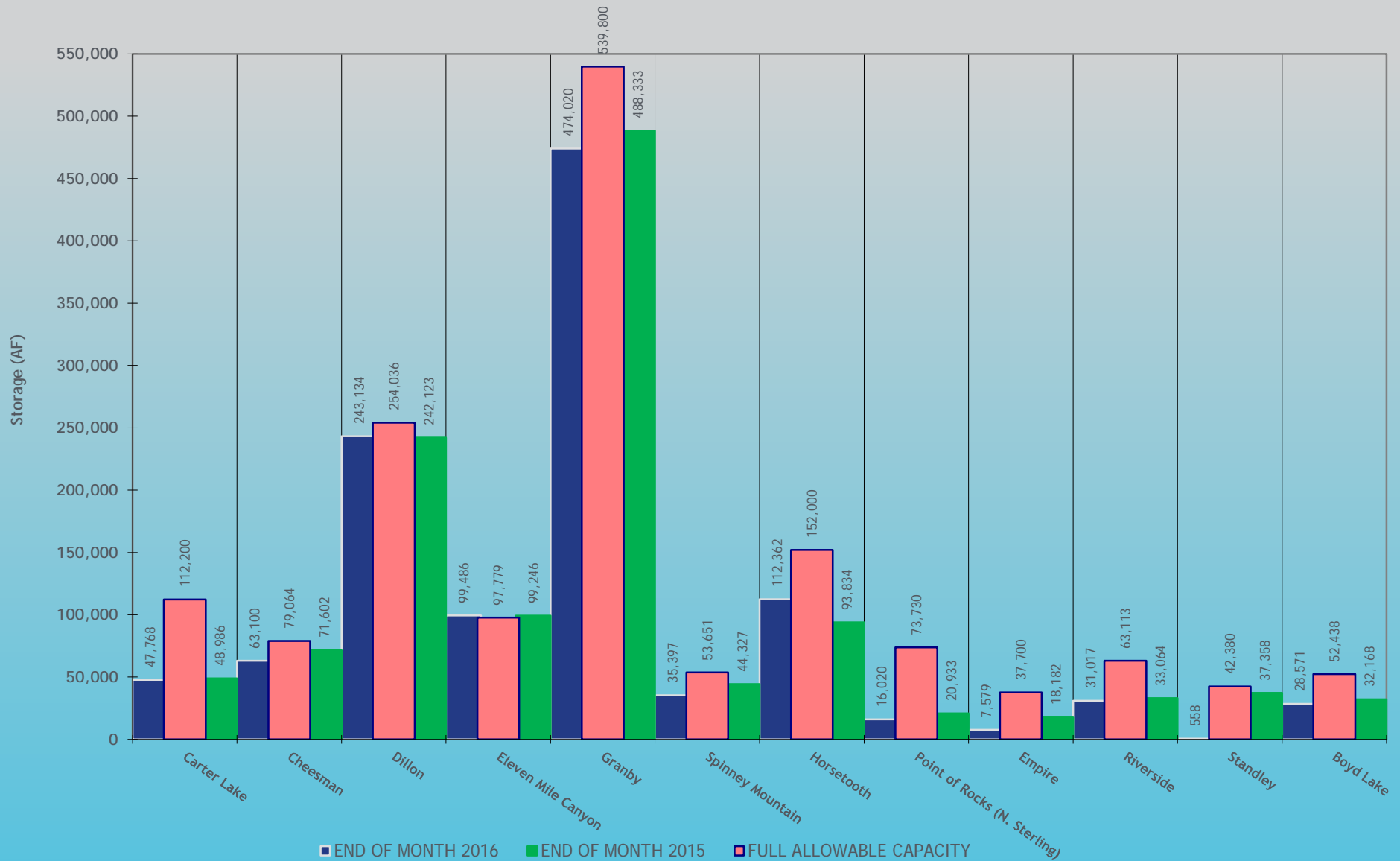
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



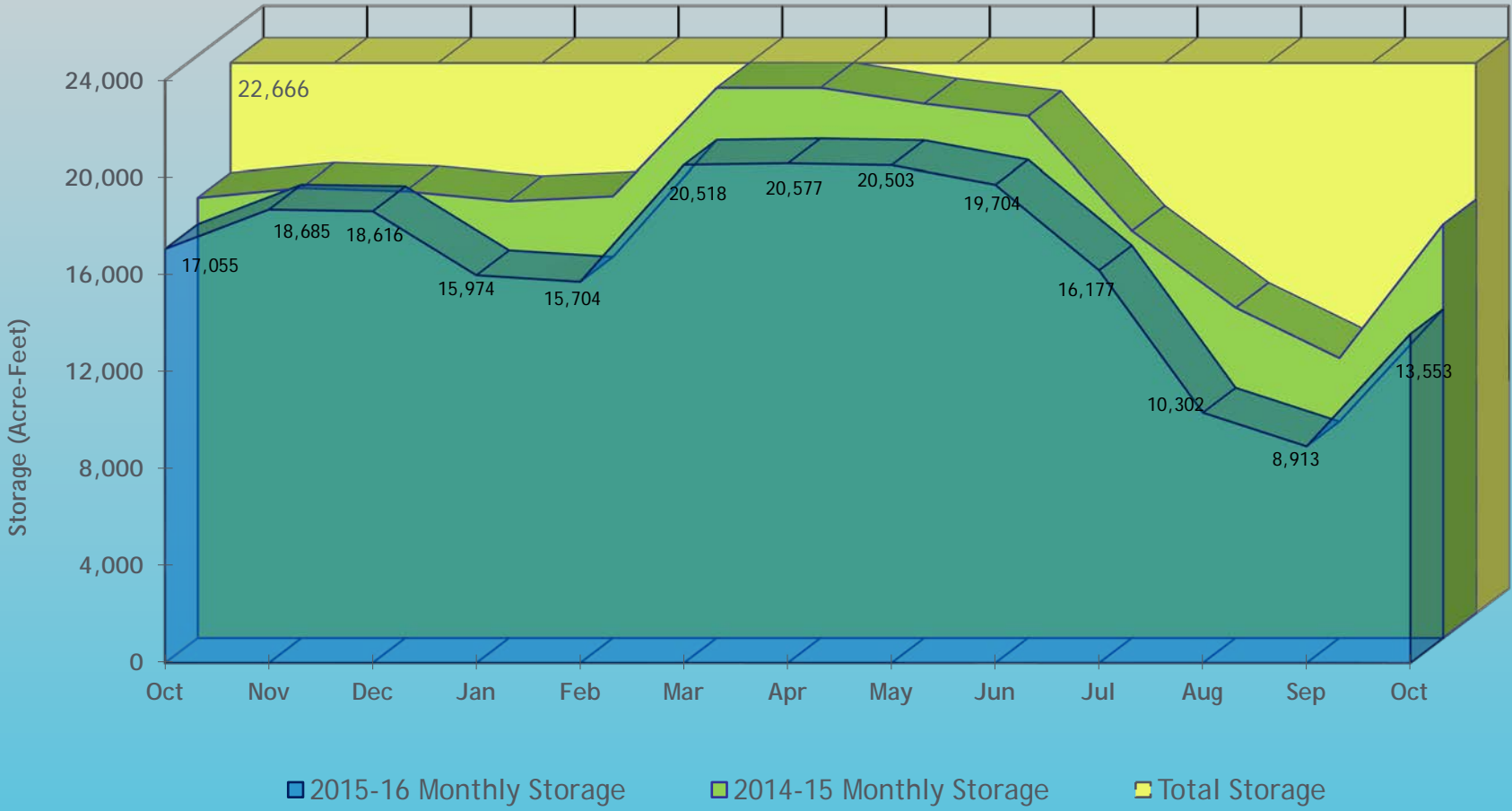
October Reservoir Change in Storage 2015 versus 2016



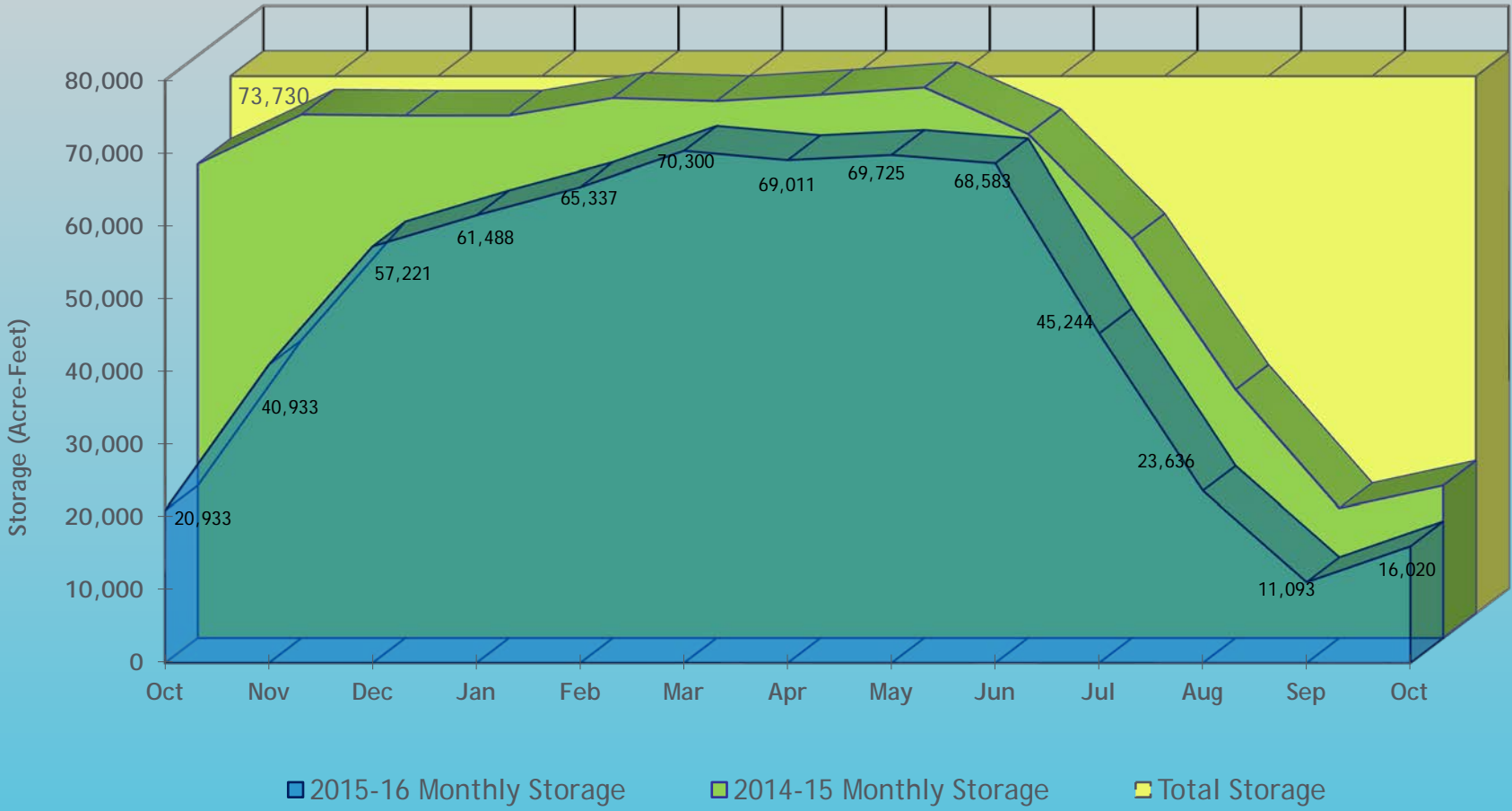
October Reservoir Change in Storage 2015 versus 2016



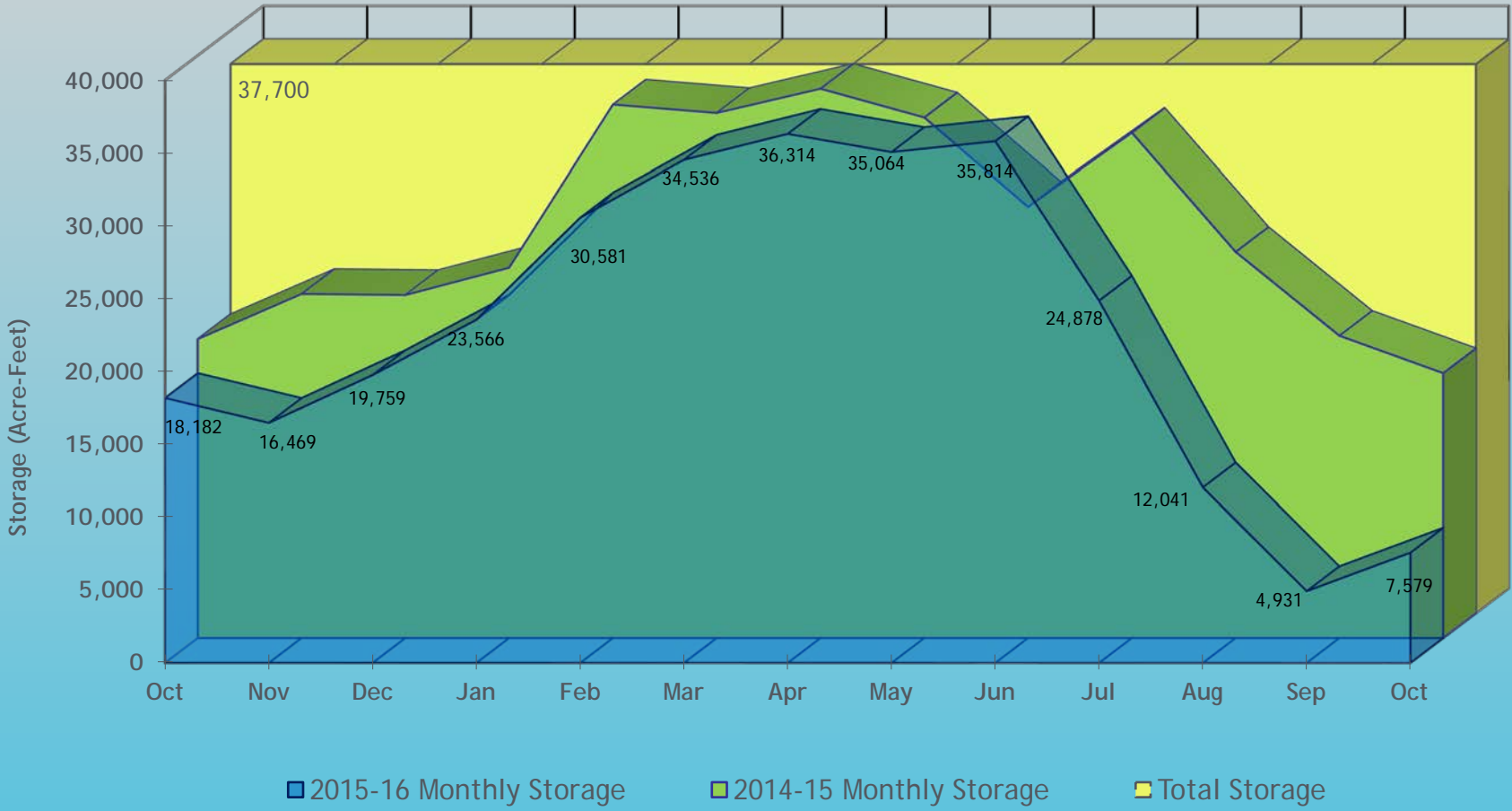
Julesburg Reservoir (District 64 - Agricultural)



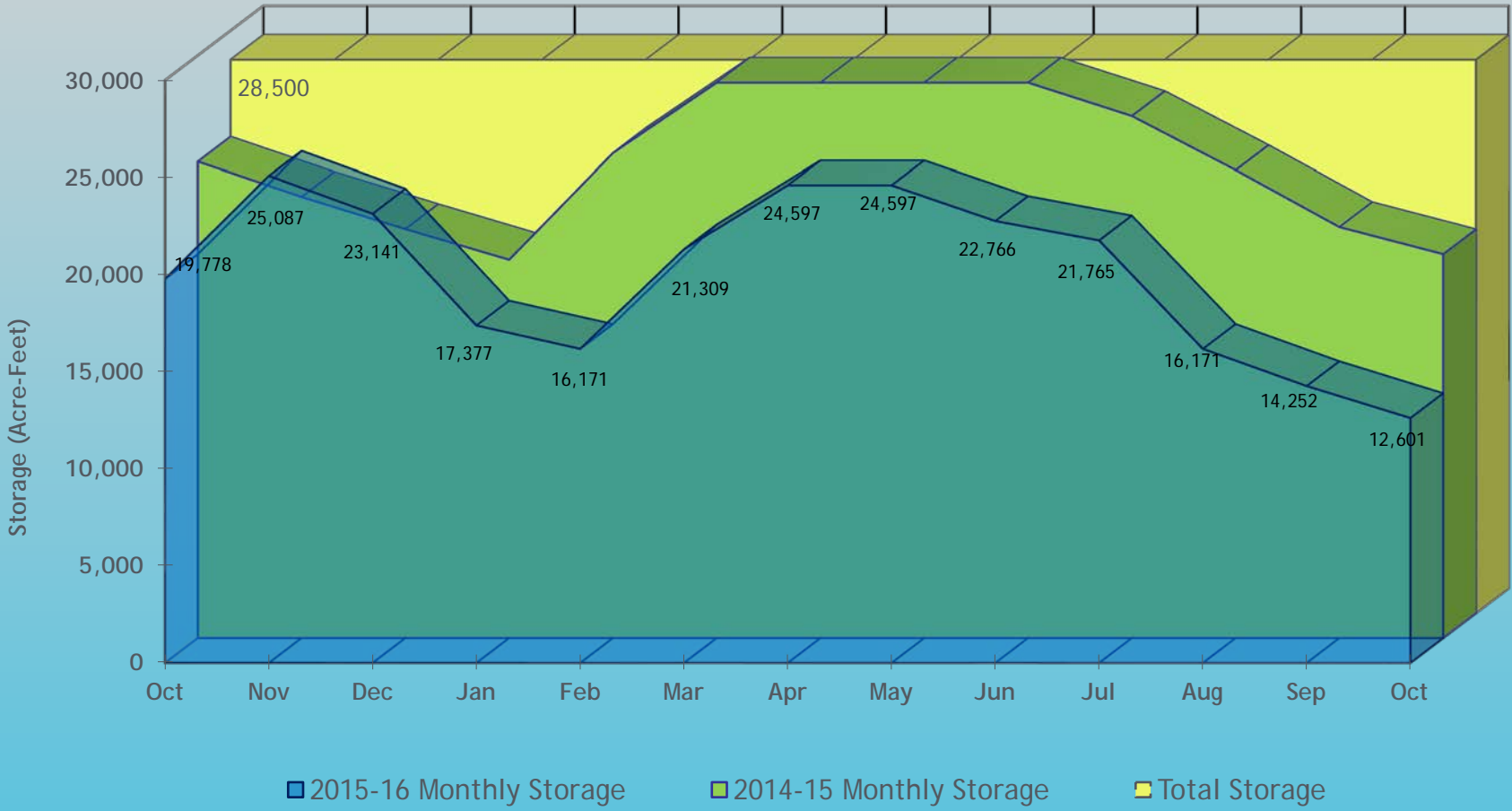
North Sterling Reservoir (District 64 - Agricultural)



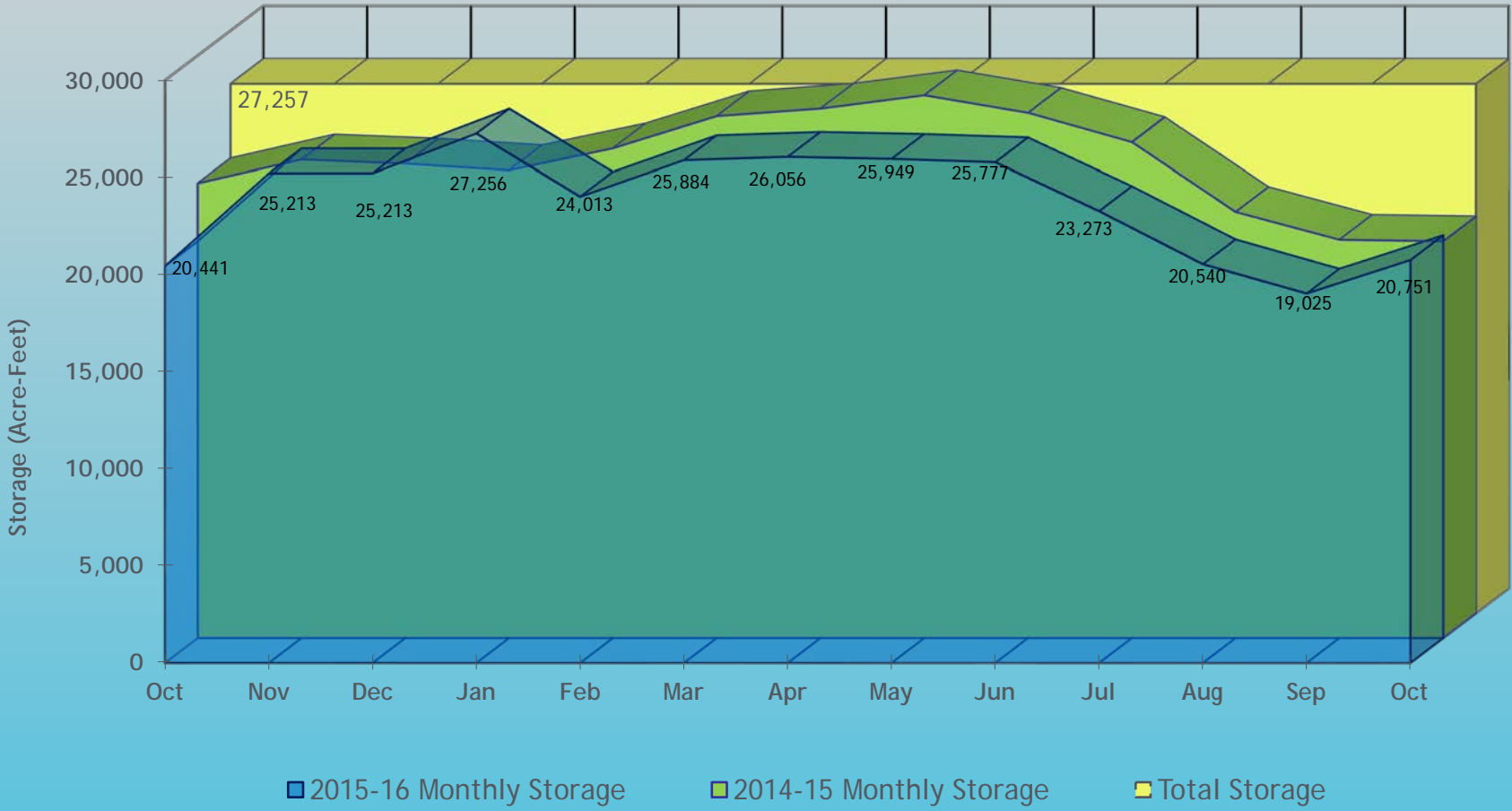
Empire Reservoir (District 1 - Agricultural)



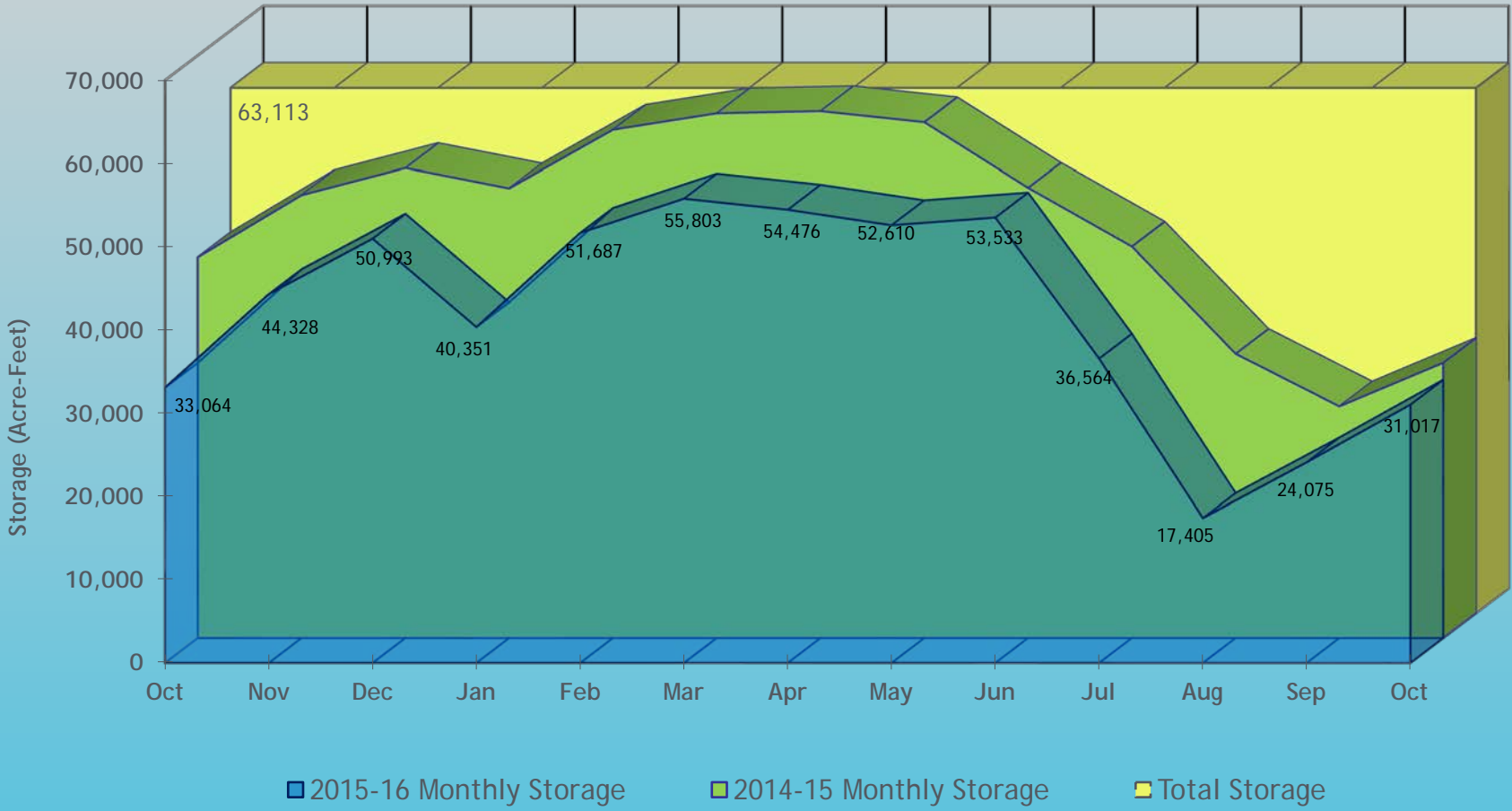
Prewitt Reservoir (District 64 - Agricultural)



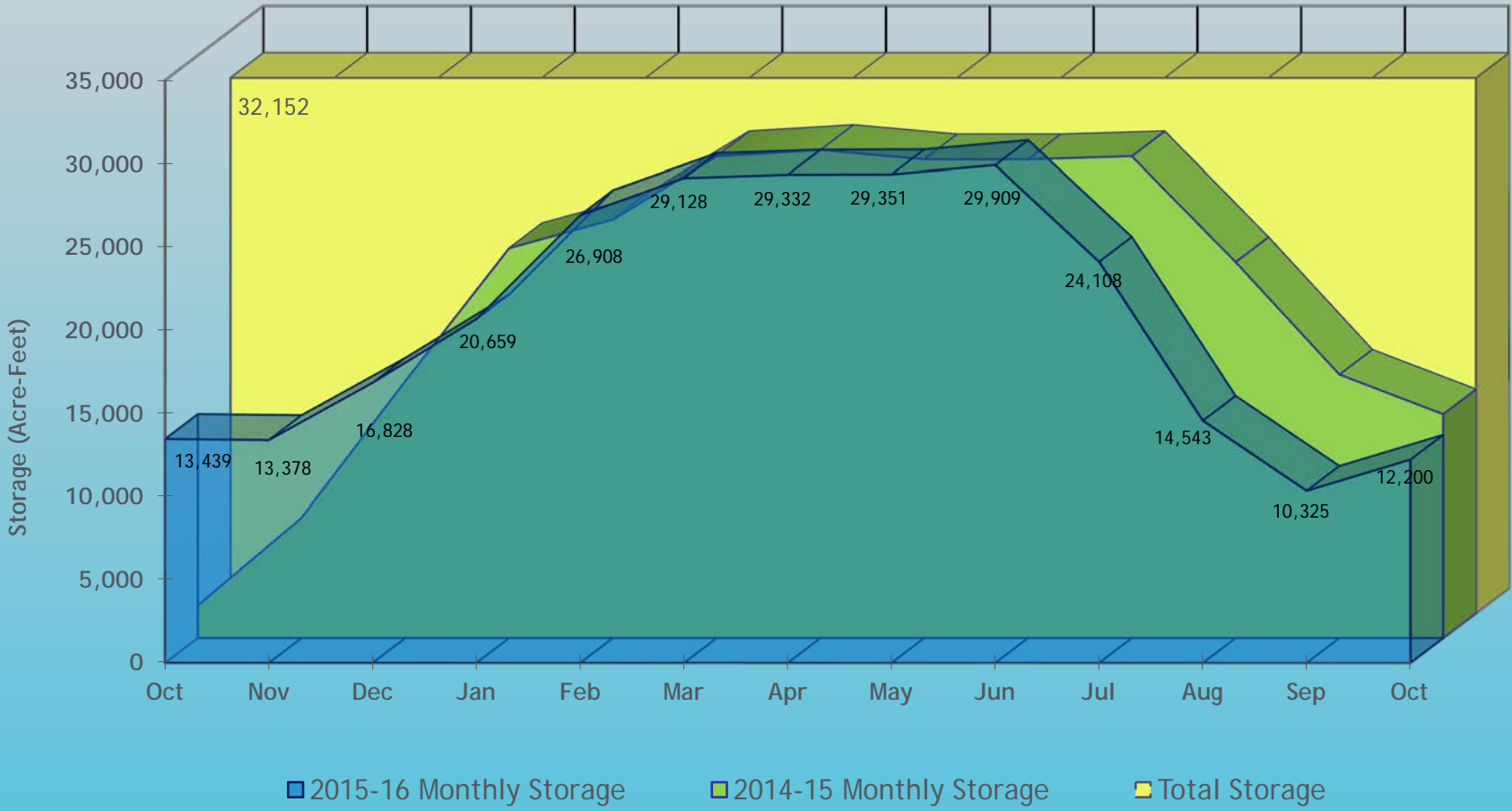
Jackson Reservoir (District 1 - Agricultural)



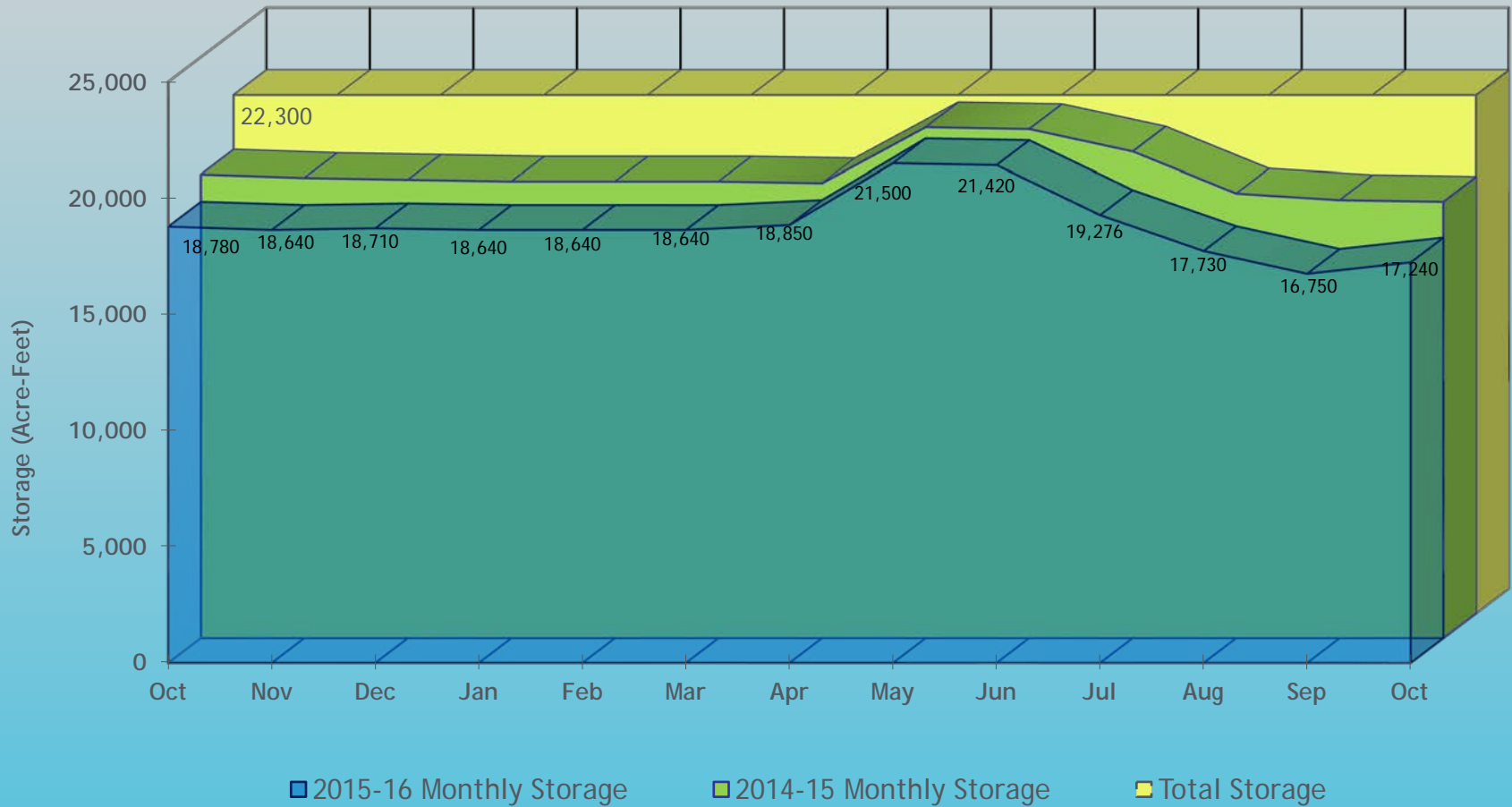
Riverside Reservoir (District 1 - Agricultural)



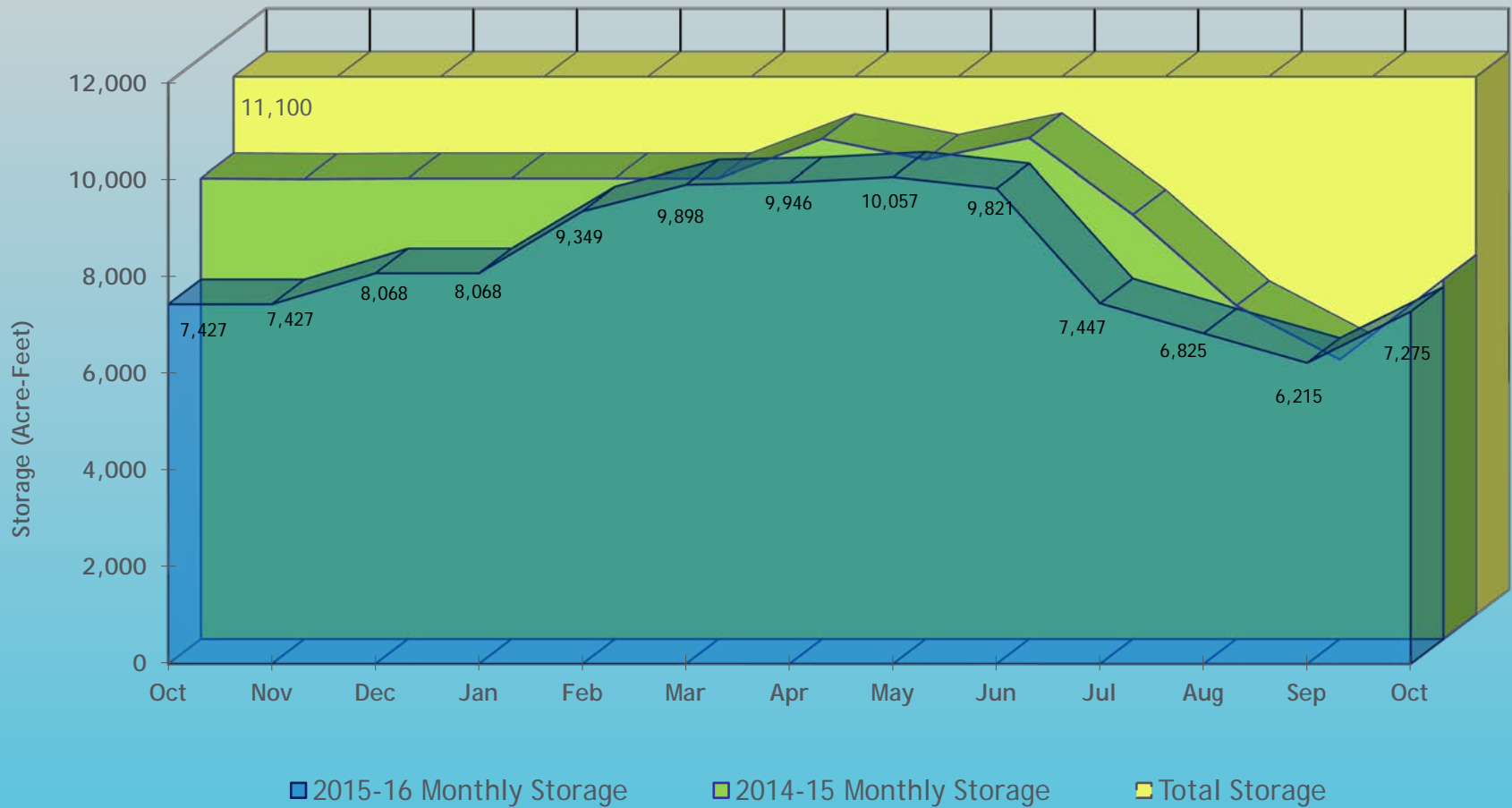
Barr Reservoir (District 2 - Agricultural)



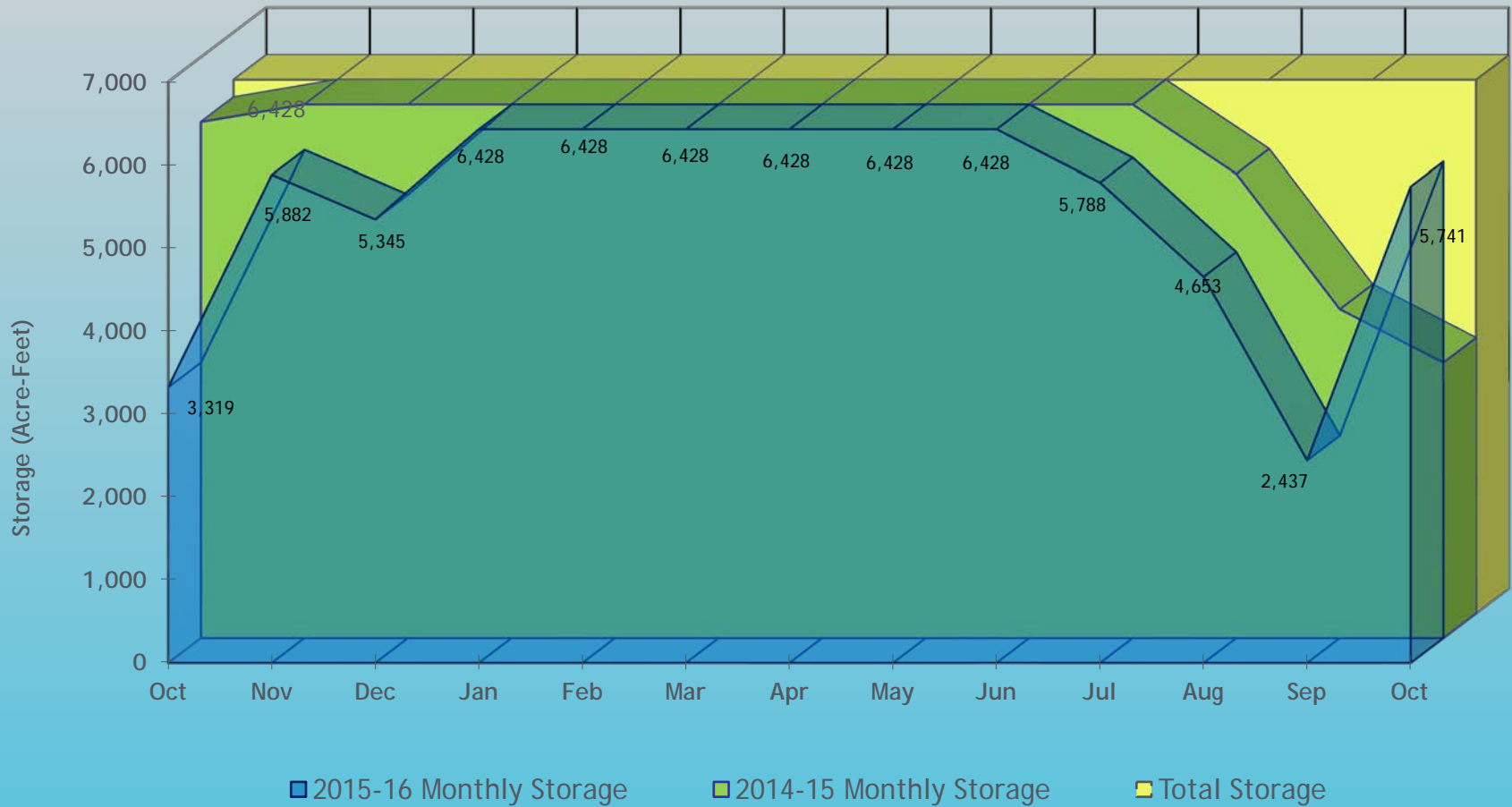
Cobb Reservoir (District 3, Poudre River - Agricultural)



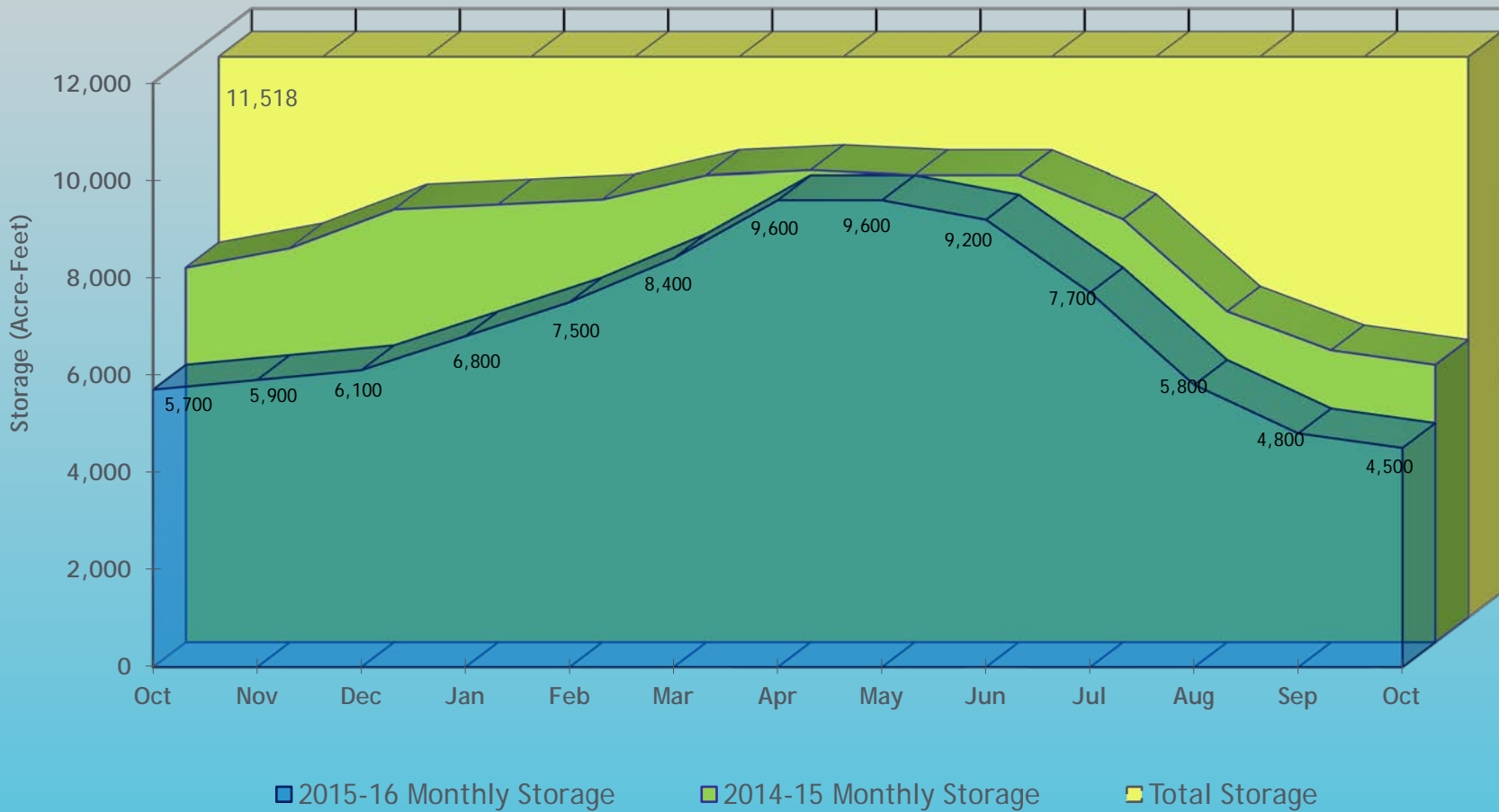
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



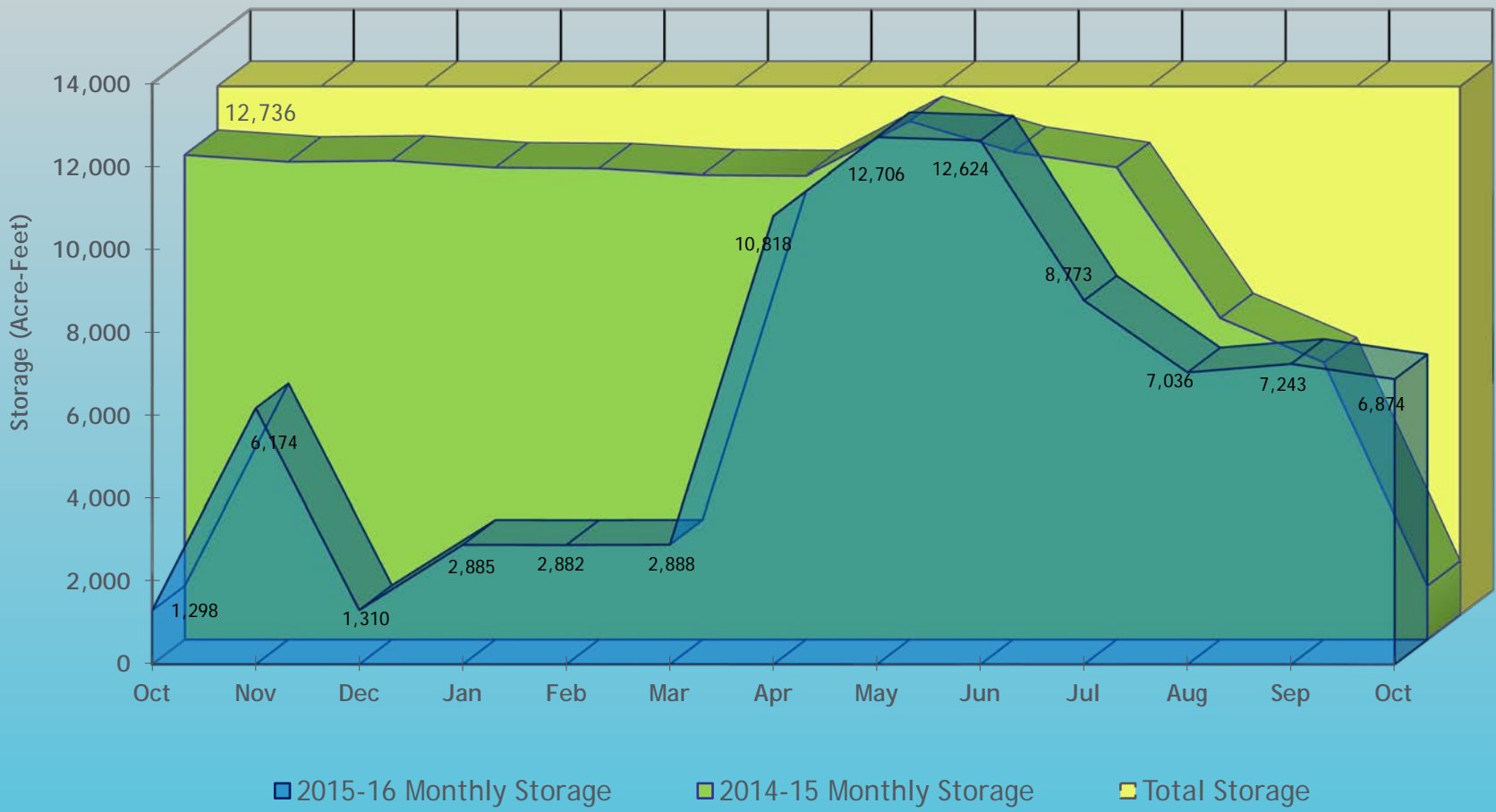
Halligan Reservoir (District 3, Poudre River - Agricultural)



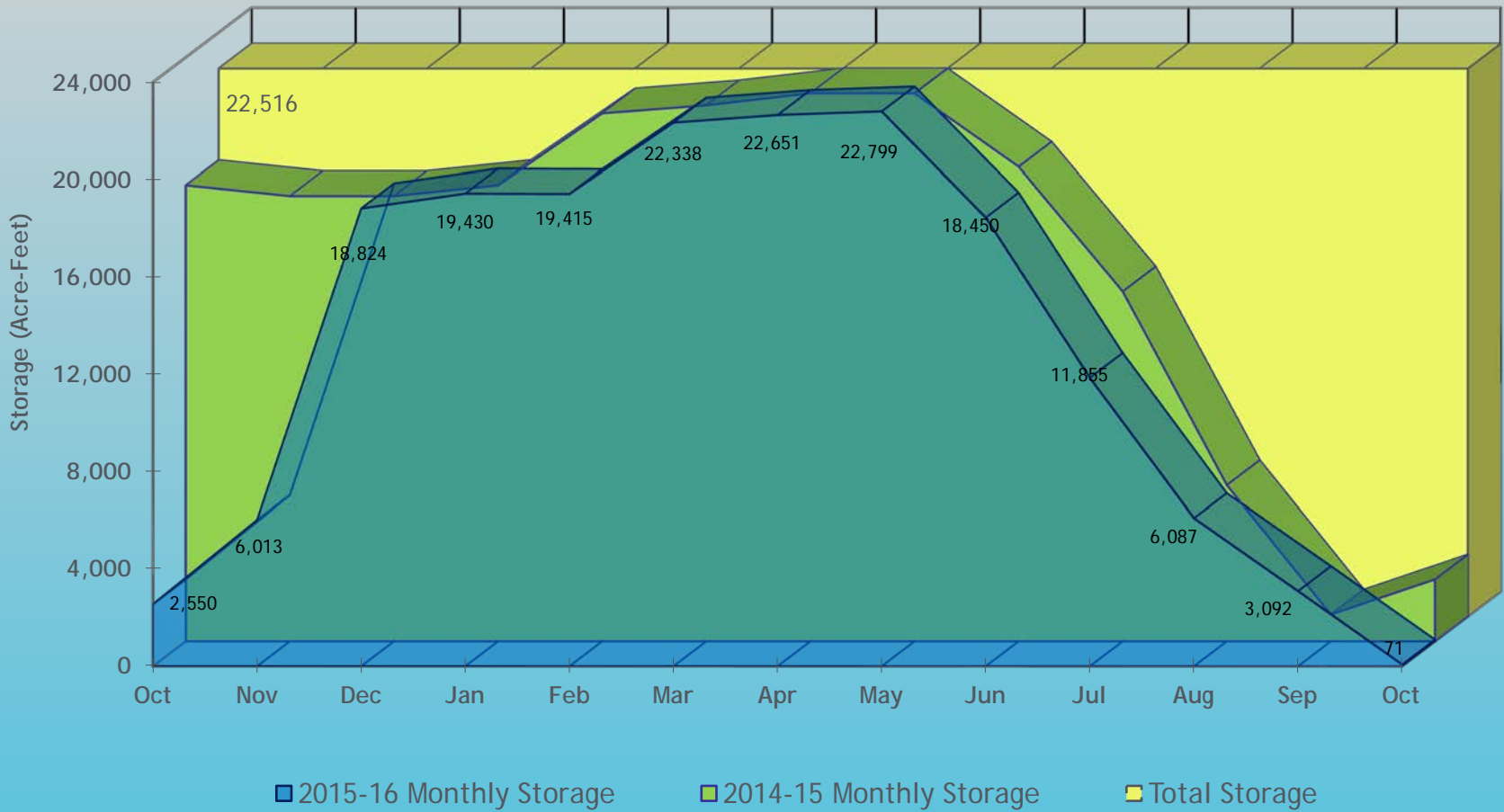
Marshall Lake (District 6, Boulder Creek - Agricultural)



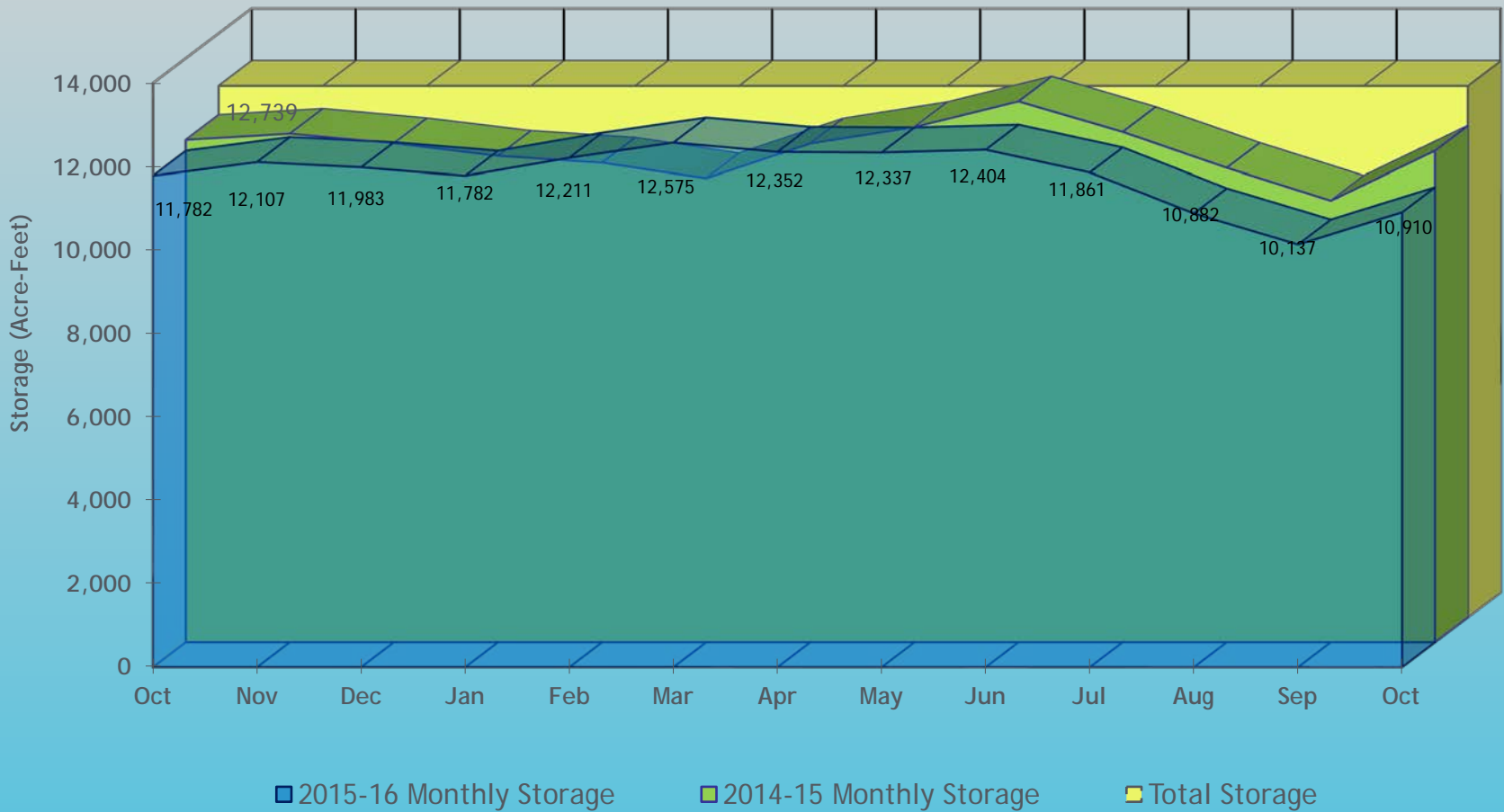
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



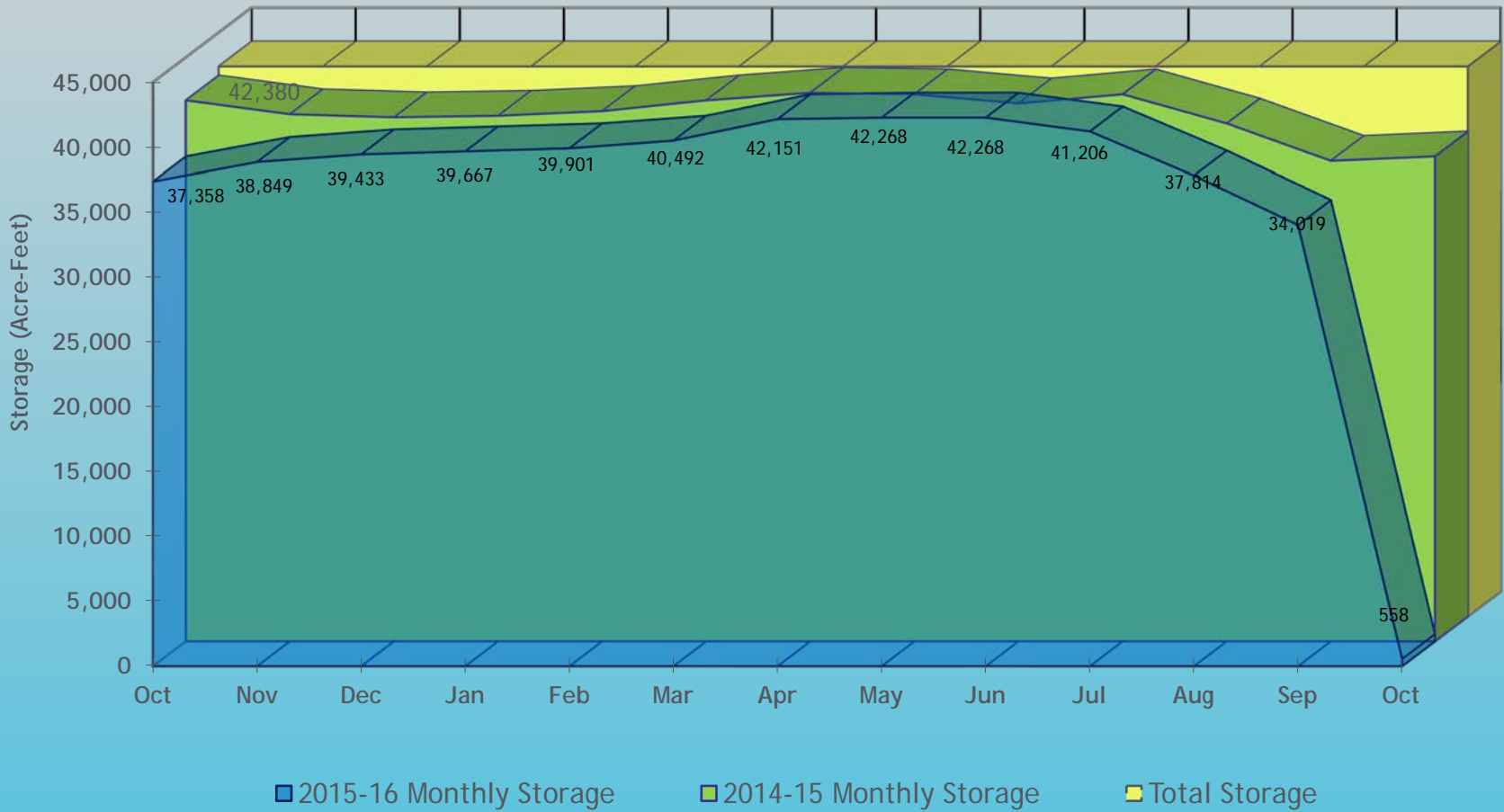
Milton Reservoir (District 2 - Agricultural)



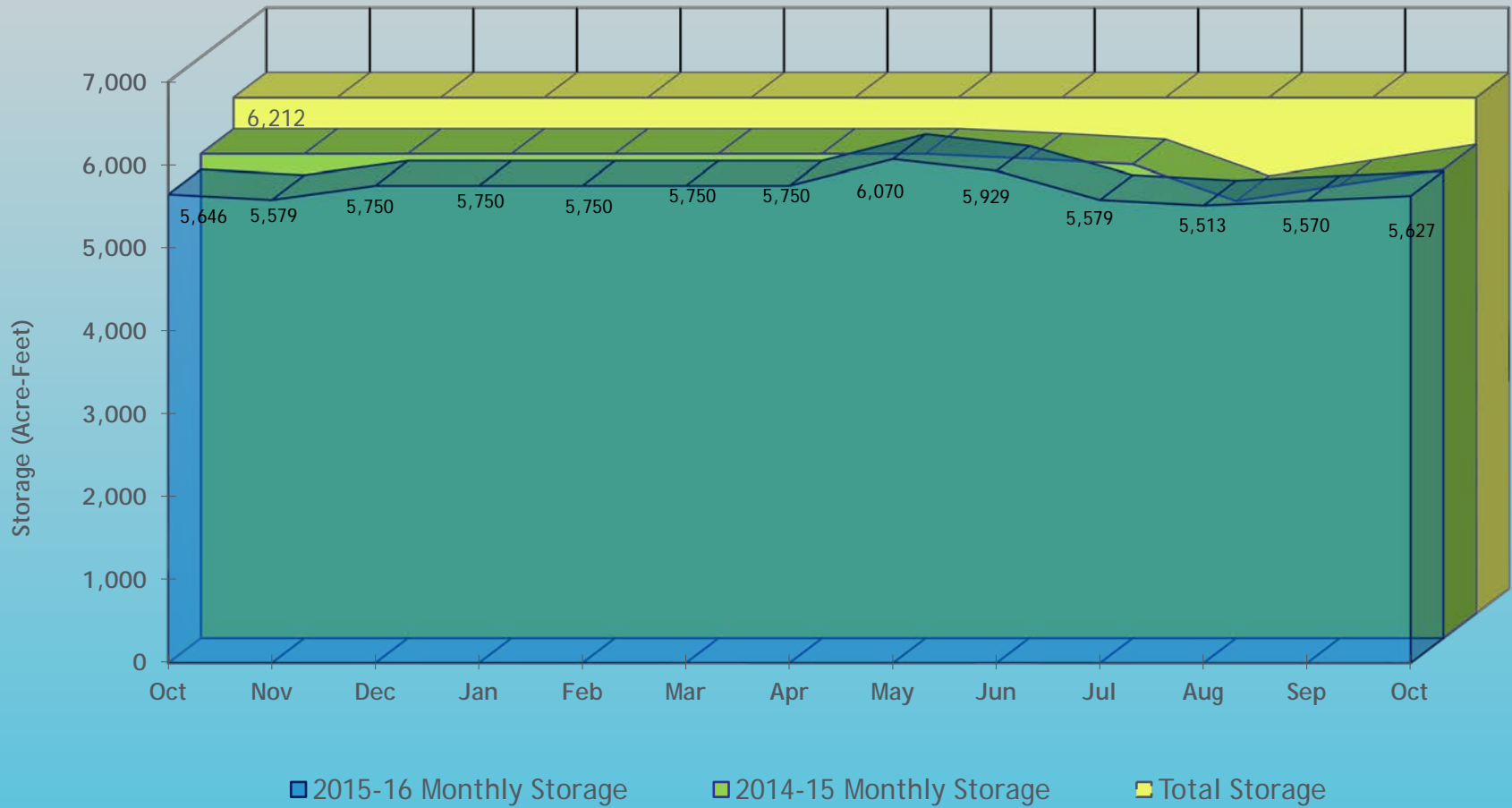
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



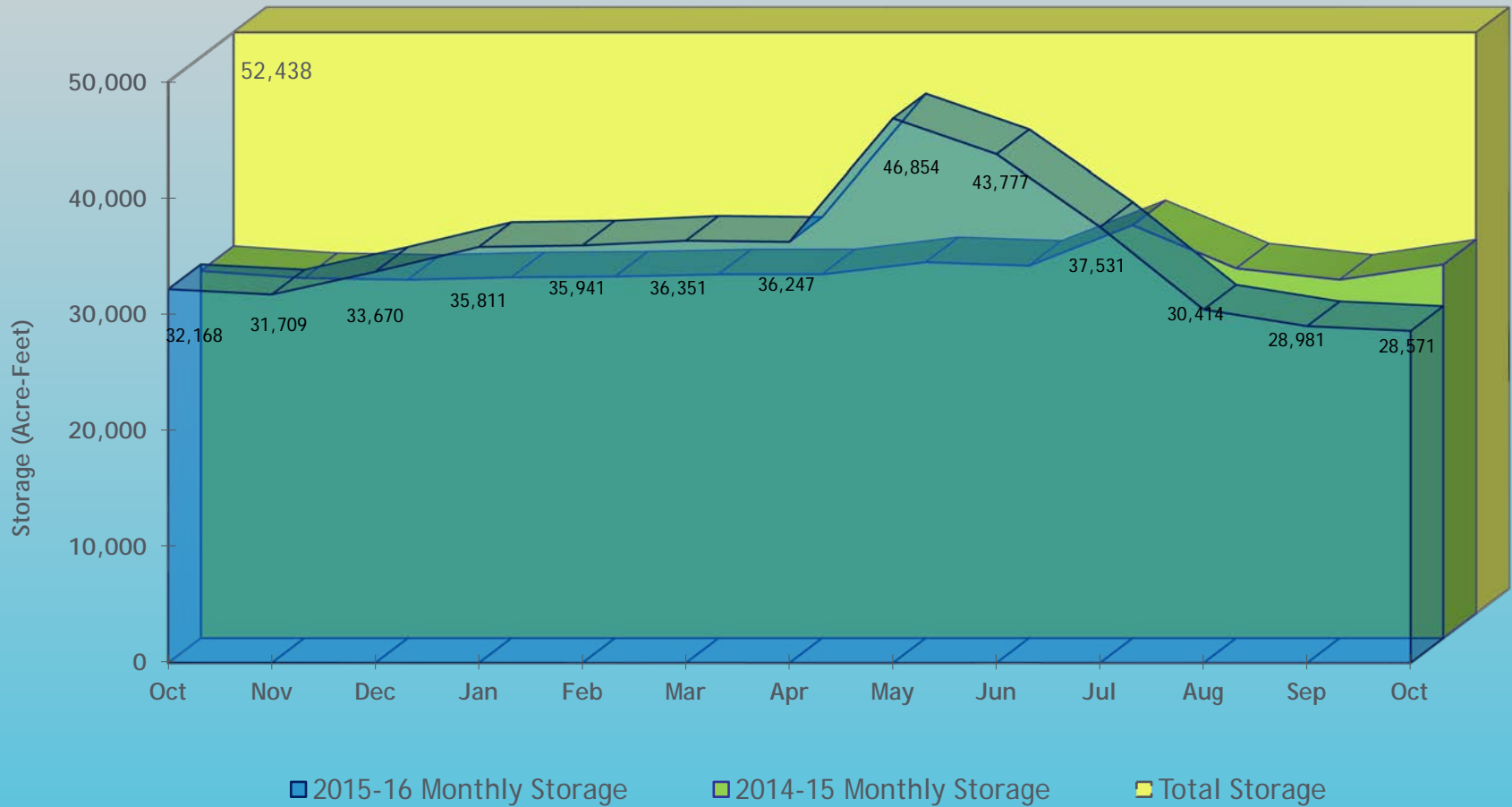
Standley Lake (Agricultural)



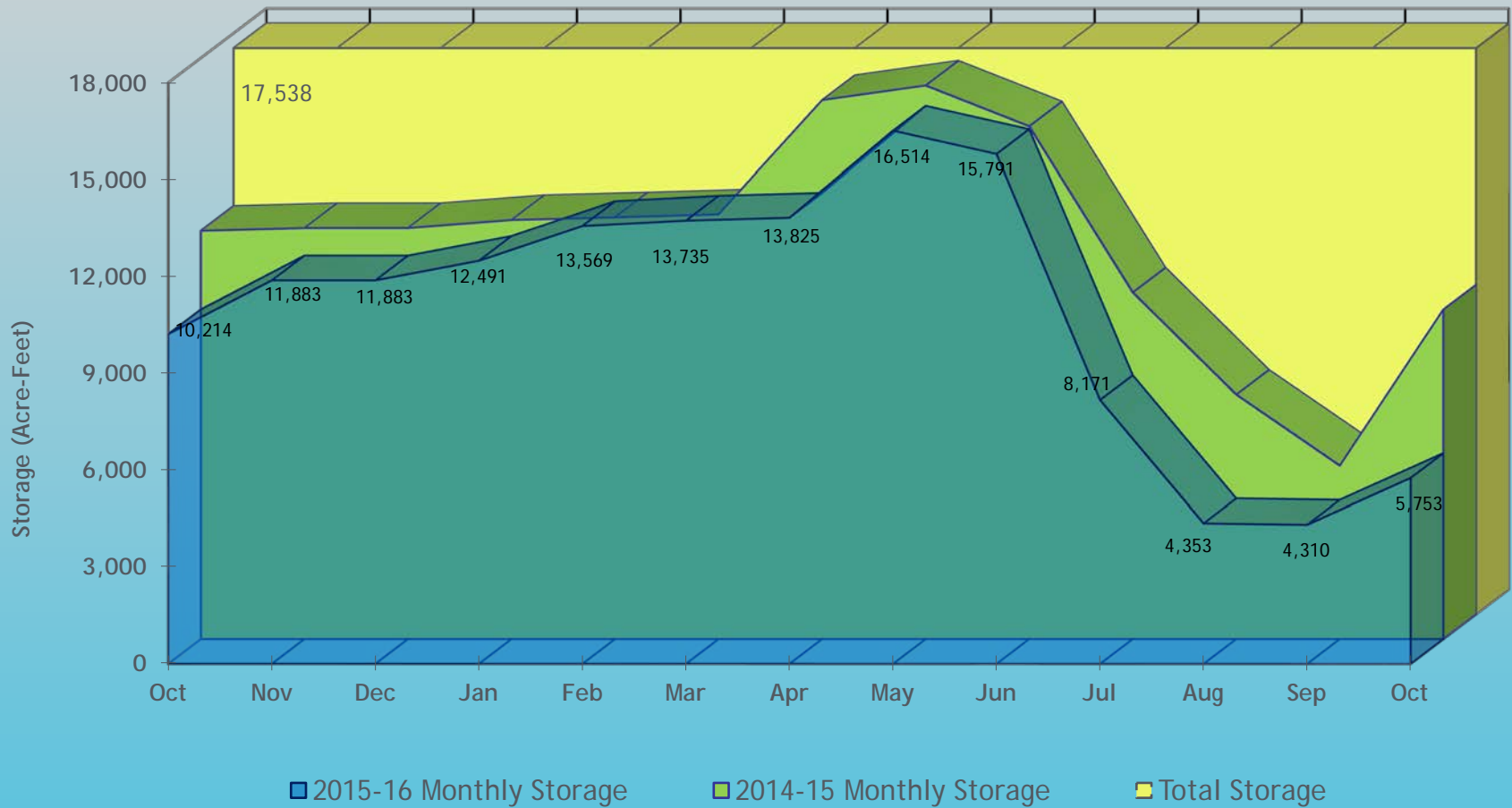
Lower Latham Reservoir (District 2 - Agricultural)



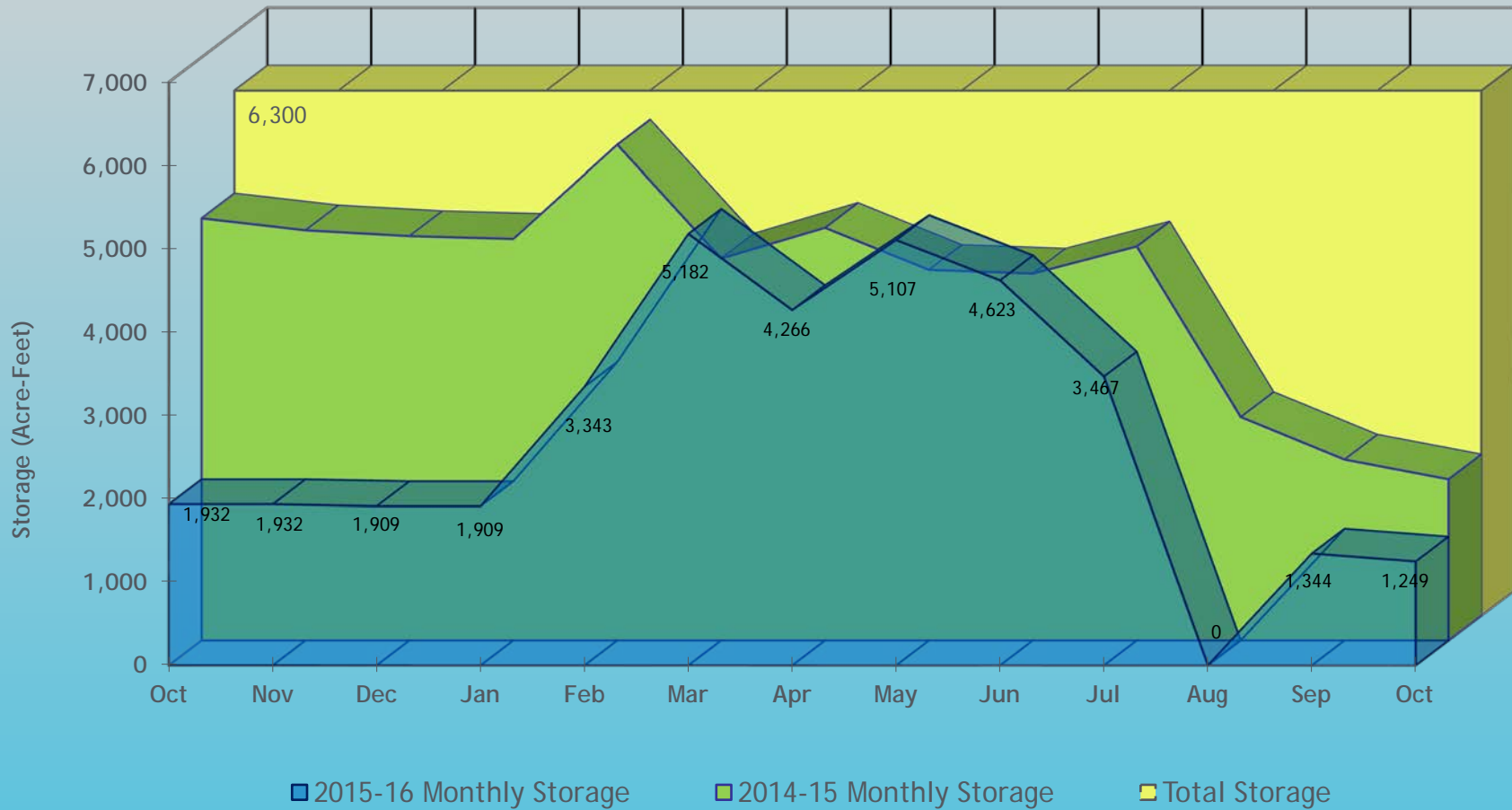
Boyd Lake (District 4, Big Thompson River - Agricultural)



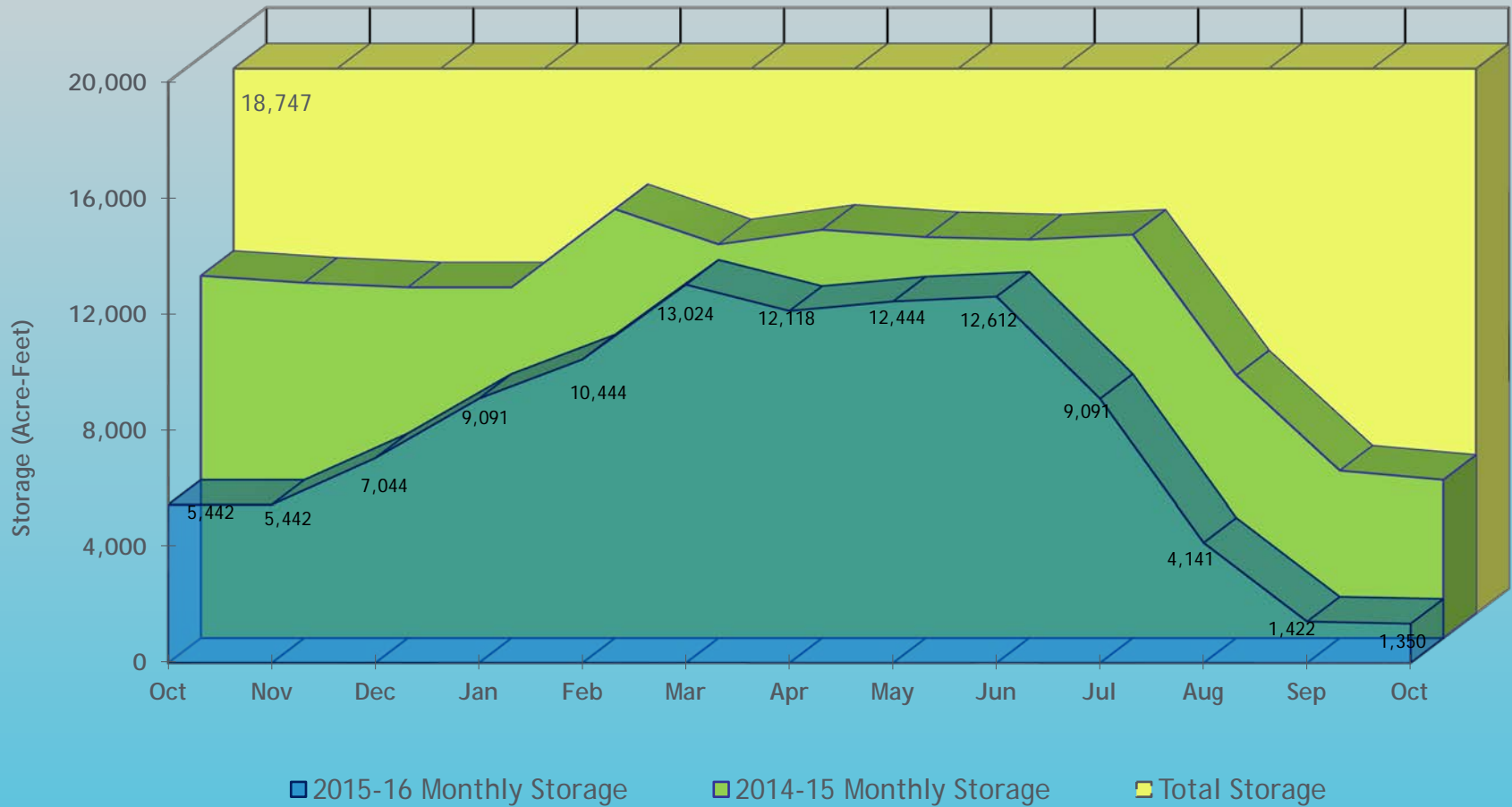
Windsor Reservoir (District 3, Poudre River - Agricultural)



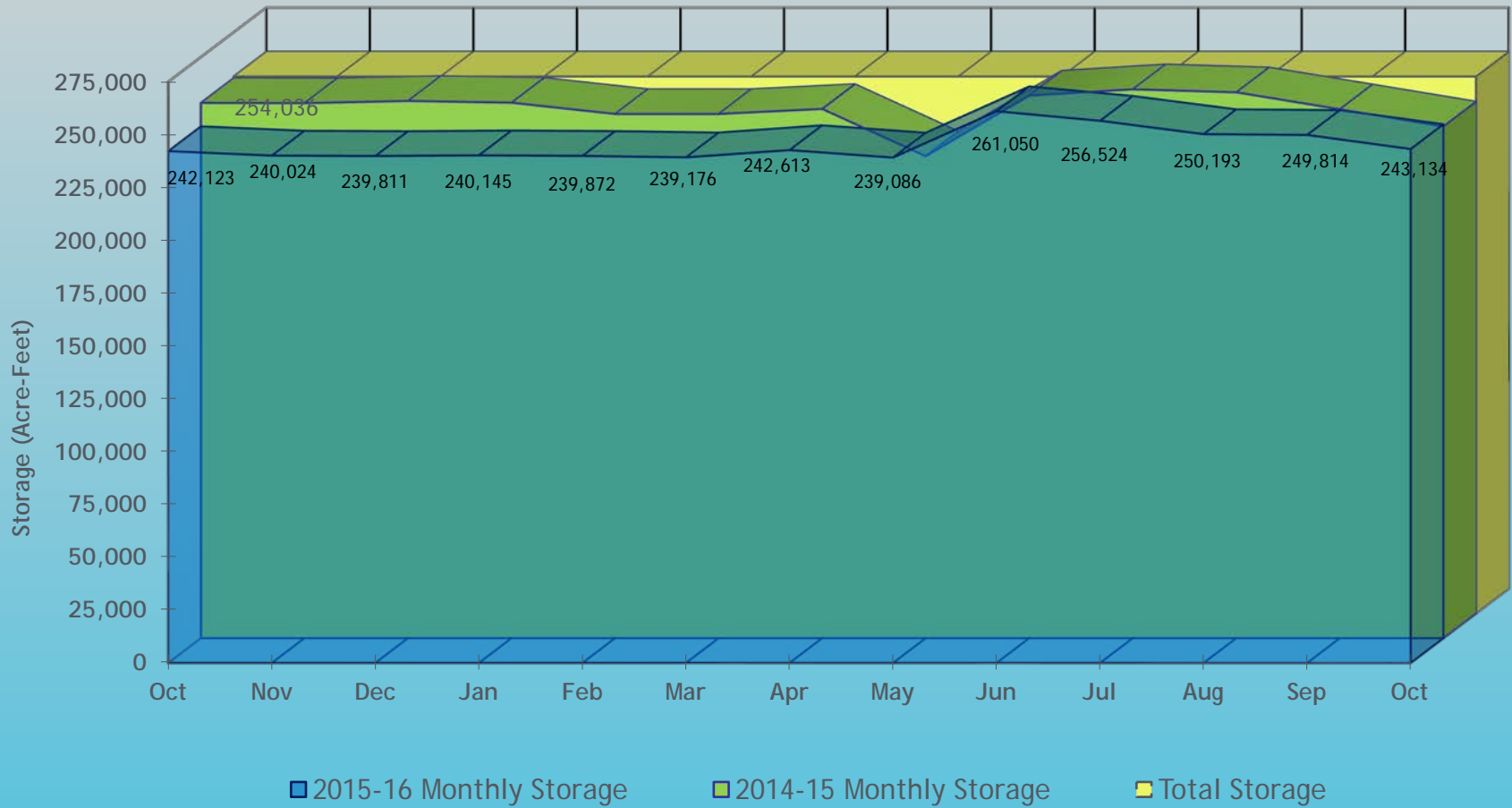
Prospect Reservoir (District 1 - Agricultural)



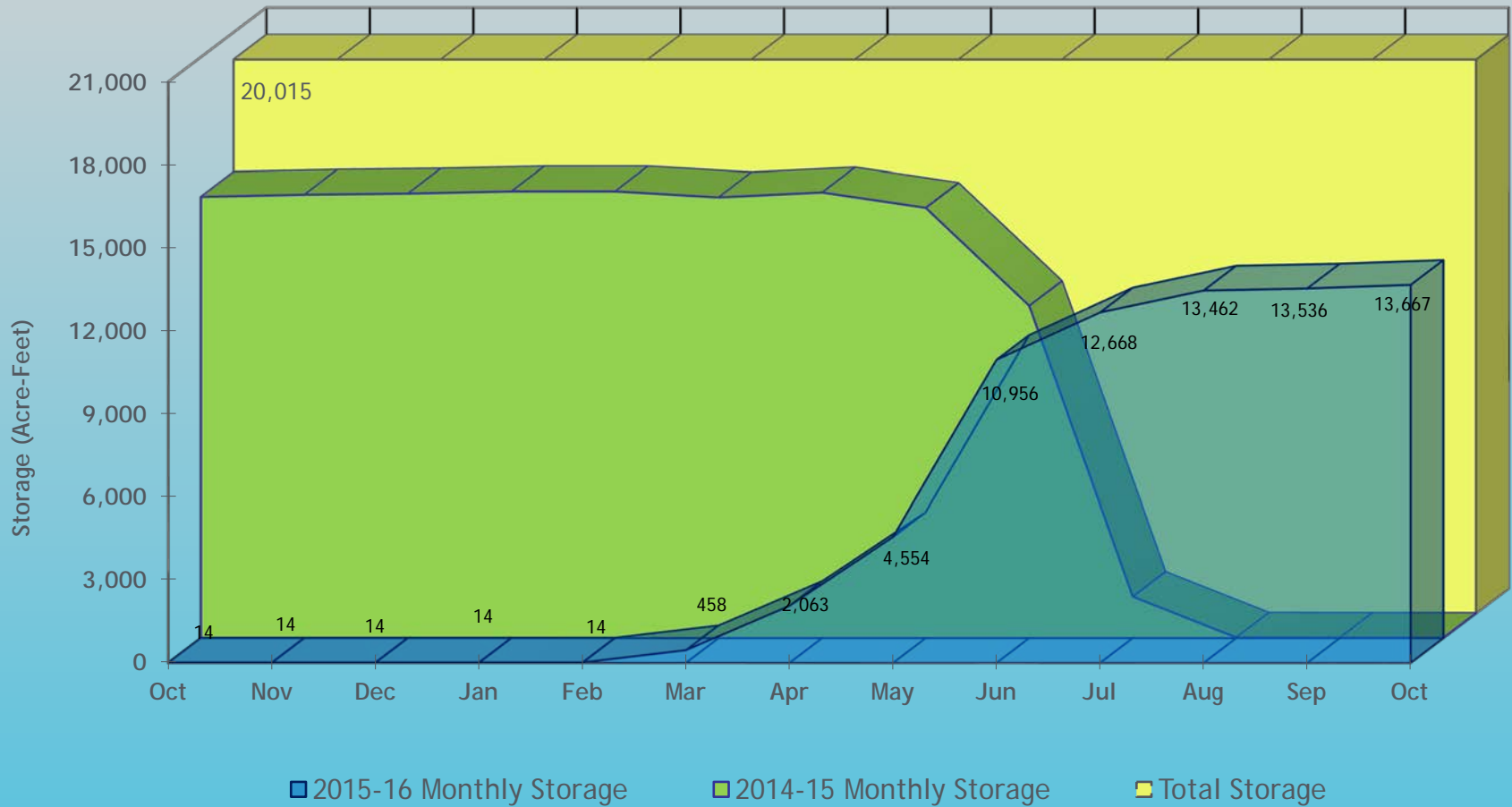
Horse Creek Reservoir (District 1 - Agricultural)



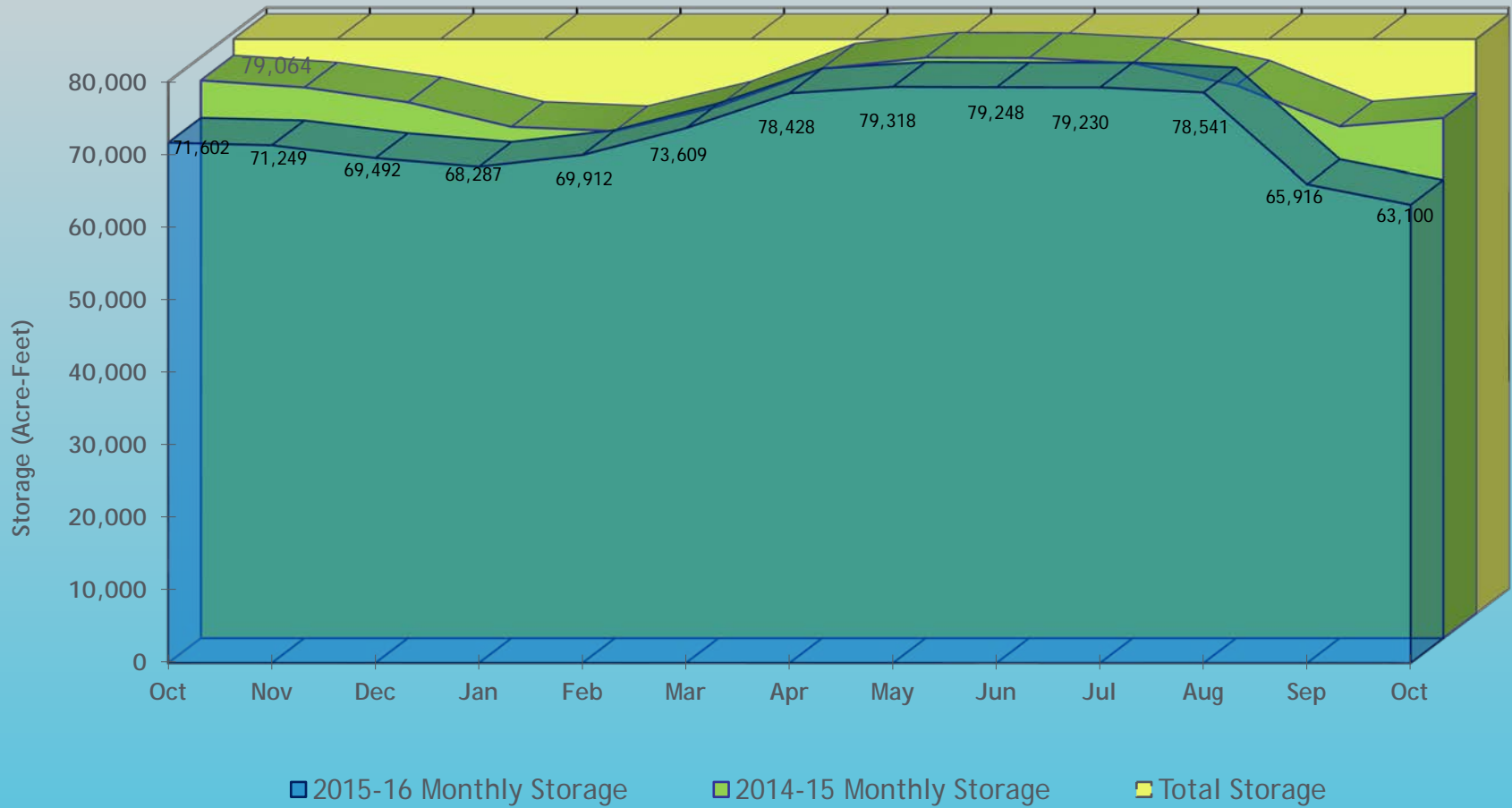
Dillon Reservoir (District 1 - Municipal)



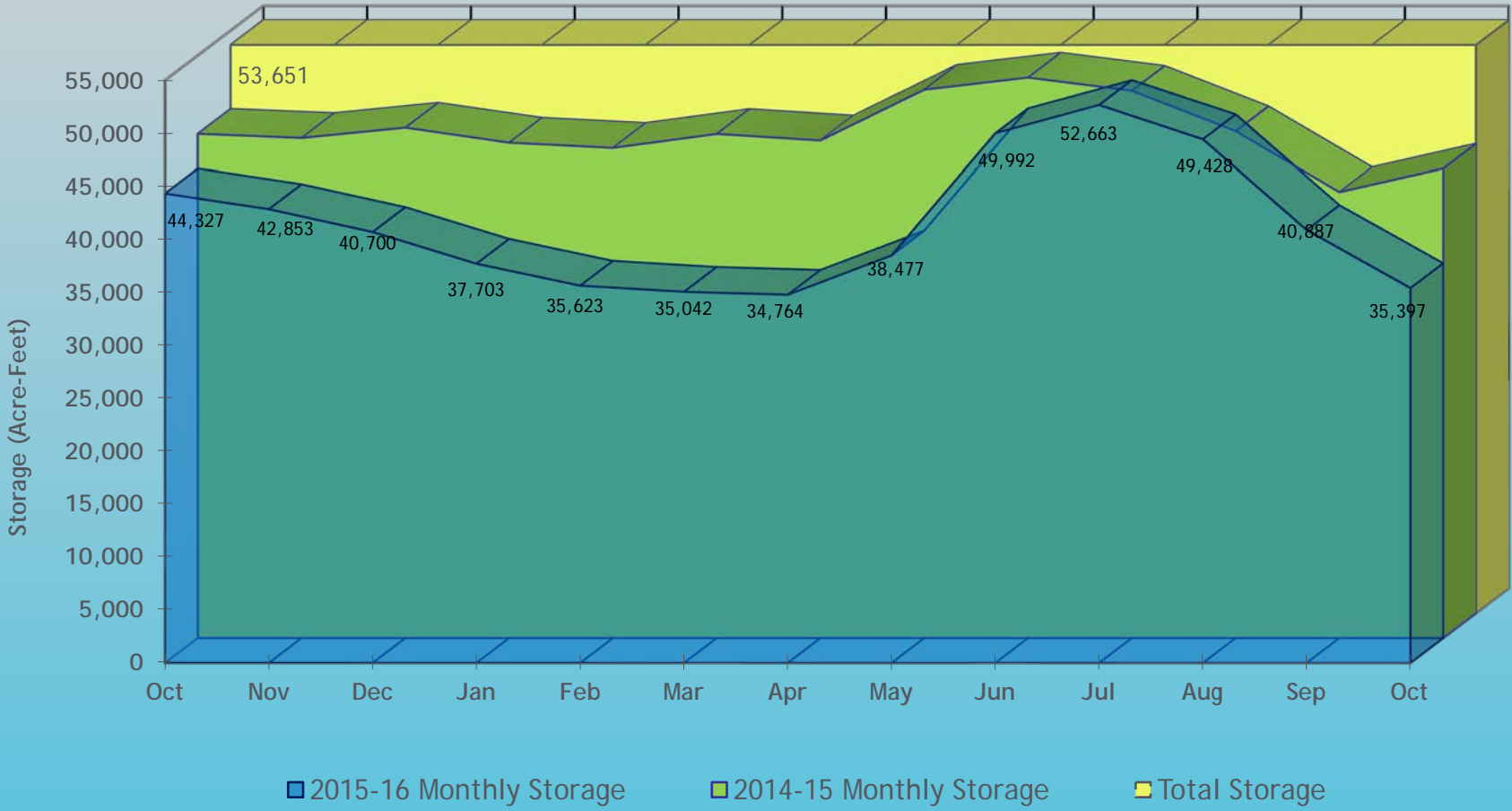
Antero Reservoir (District 23 - Municipal)



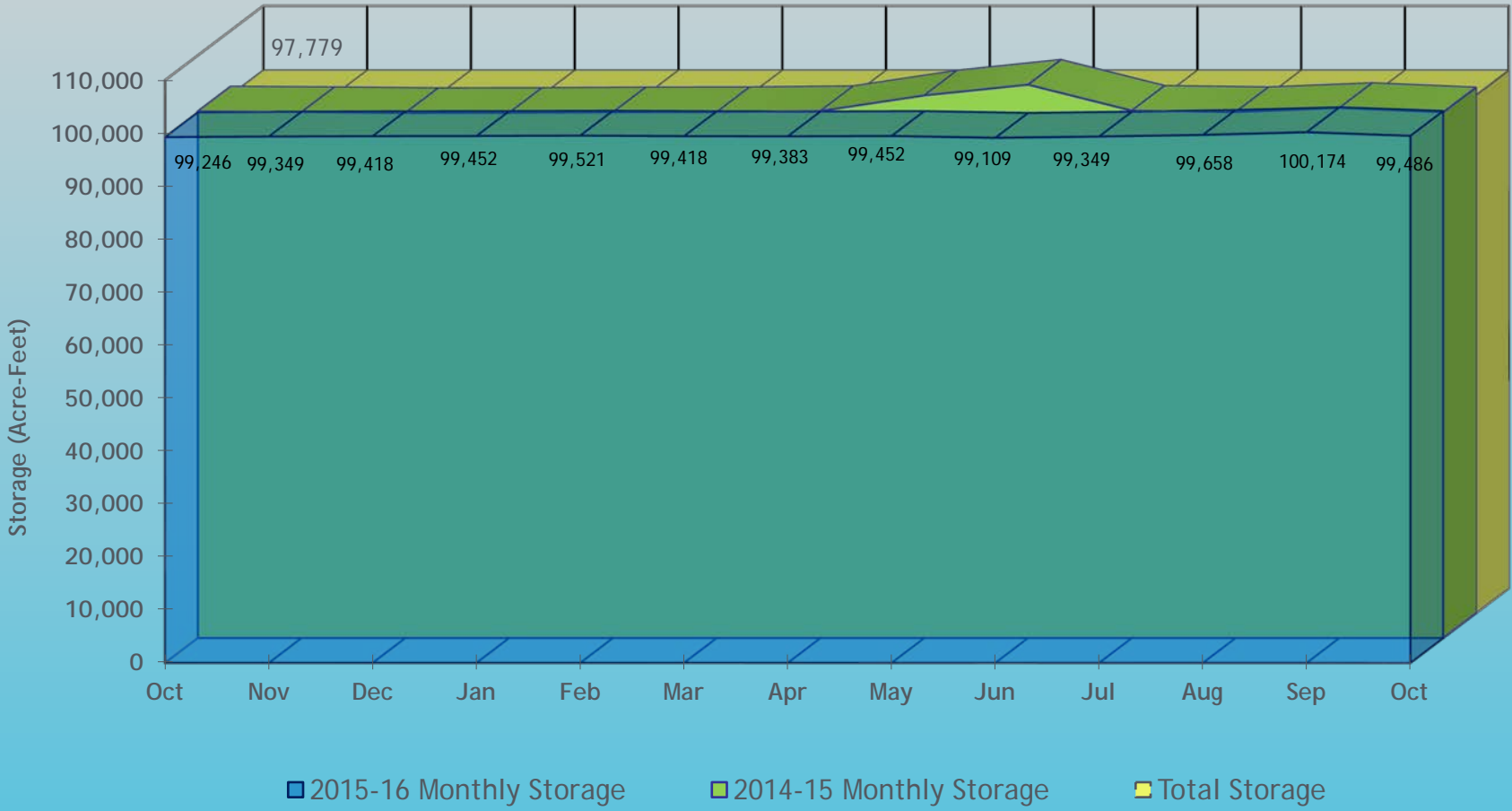
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

