



COLORADO
Department of Natural Resources

South Platte Summary May 2014

Compiled by Russell Stroud & Lee Cuning, P.E.

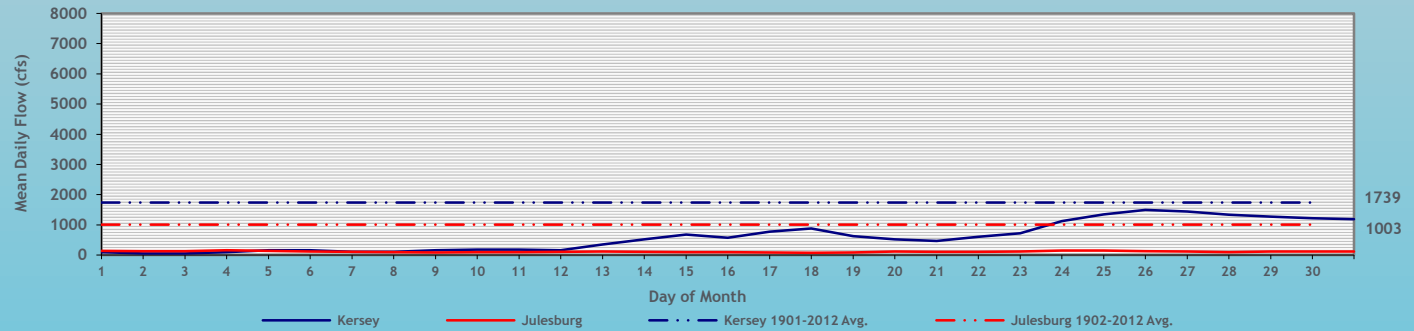
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF May 2014

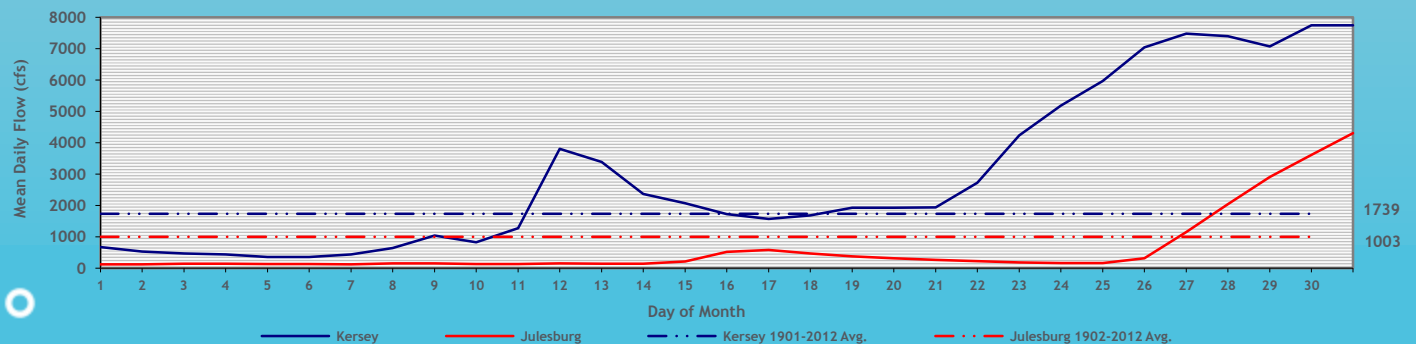
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	22,448	21,504	64	-944	-4%	95%	95%	0
N STERLING	73,730	73,869	72,583	64	-1,286	-2%	98%	90%	0
PREWITT	28,500	28,597	28,019	64	-578	-2%	98%	88%	0
JACKSON	27,257	26,074	27,275	1	1,201	5%	100%	96%	18
EMPIRE	37,700	37,014	37,709	1	695	2%	100%	83%	9
RIVERSIDE	63,113	61,218	60,295	1	-923	-2%	96%	91%	0
BARR LAKE	32,152	29,314	28,756	2	-558	-2%	89%	83%	0
CHEESMAN	79,064	78,489	79,581	80	1,092	1%	100%	73%	517
ELEVEN MILE	97,779	99,692	99,658	23	-34	0%	100%	99%	1,879
SPINNEY	53,651	40,534	44,021	23	3,487	9%	82%	62%	0
ANTERO	20,015	15,659	16,172	23	513	3%	81%	89%	0

**KERSEY and JULESBURG
May 2013**

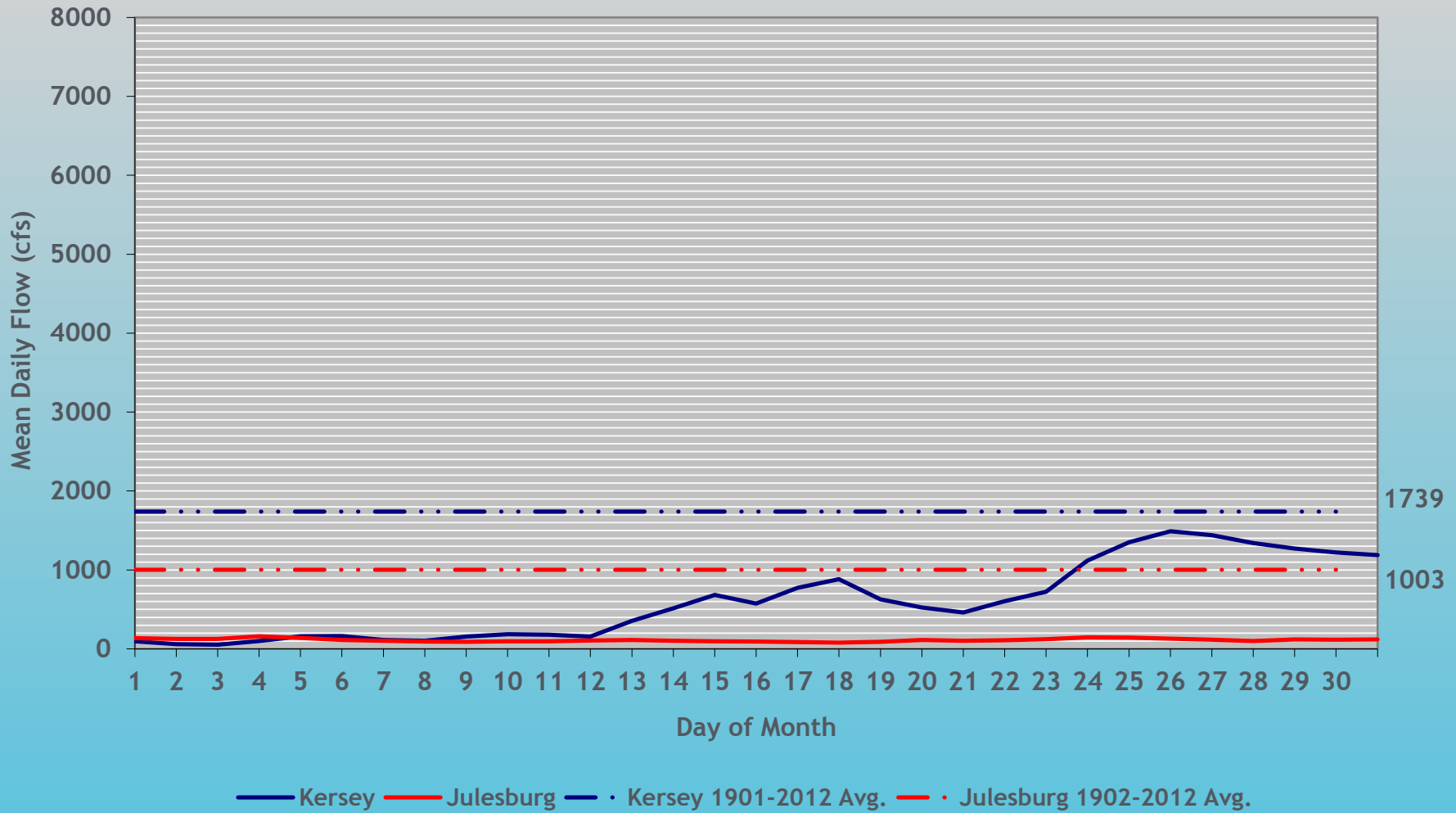
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	2974
JULESBURG	643
THIS MONTH LAST YEAR	
KERSEY	602
JULESBURG	113
MEAN FOR PERIOD OF RECORD*	
KERSEY	1739
JULESBURG	1003
*Kersey 1901 - 2013	
*Julesburg 1902 - 2013	



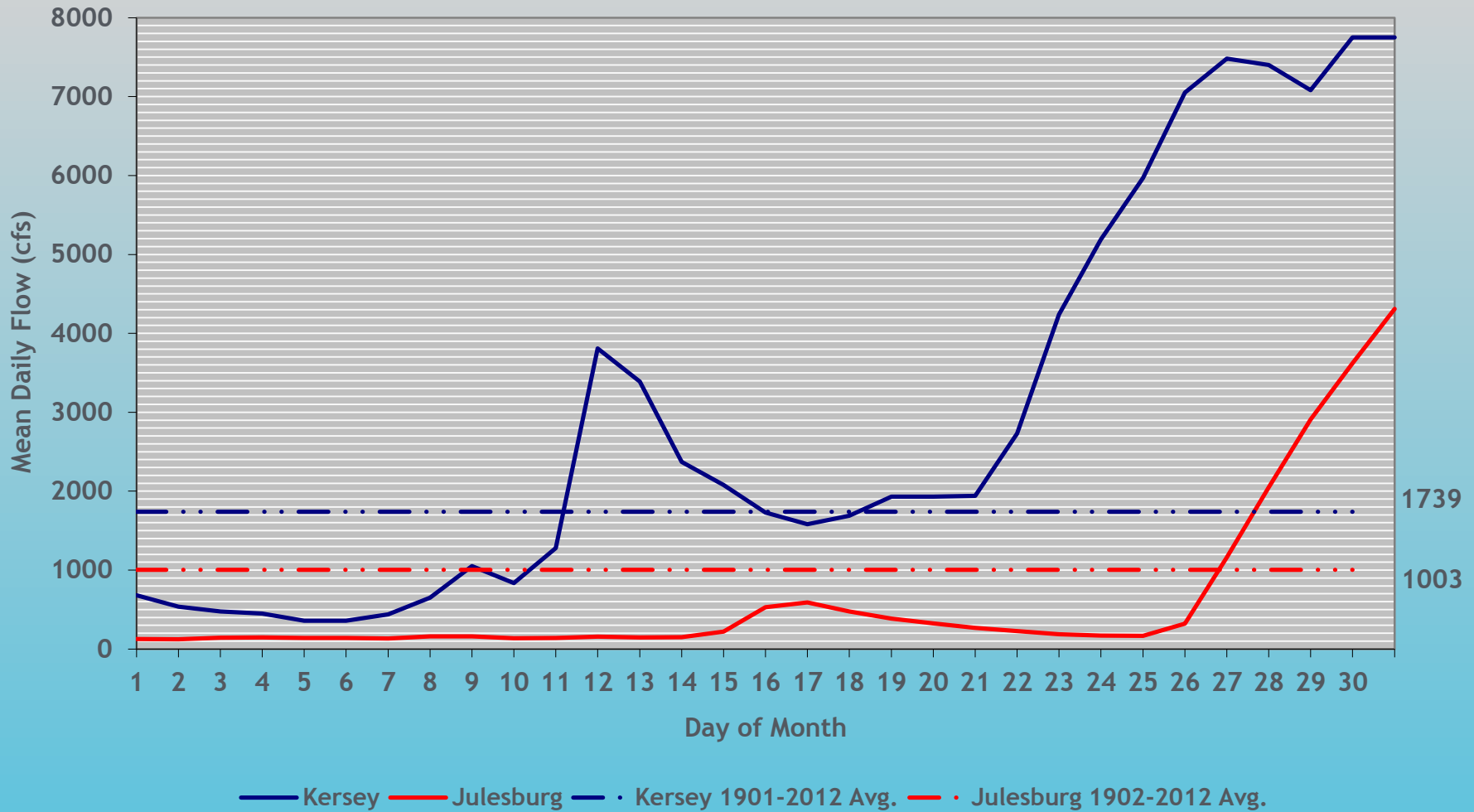
**KERSEY and JULESBURG
May 2014**



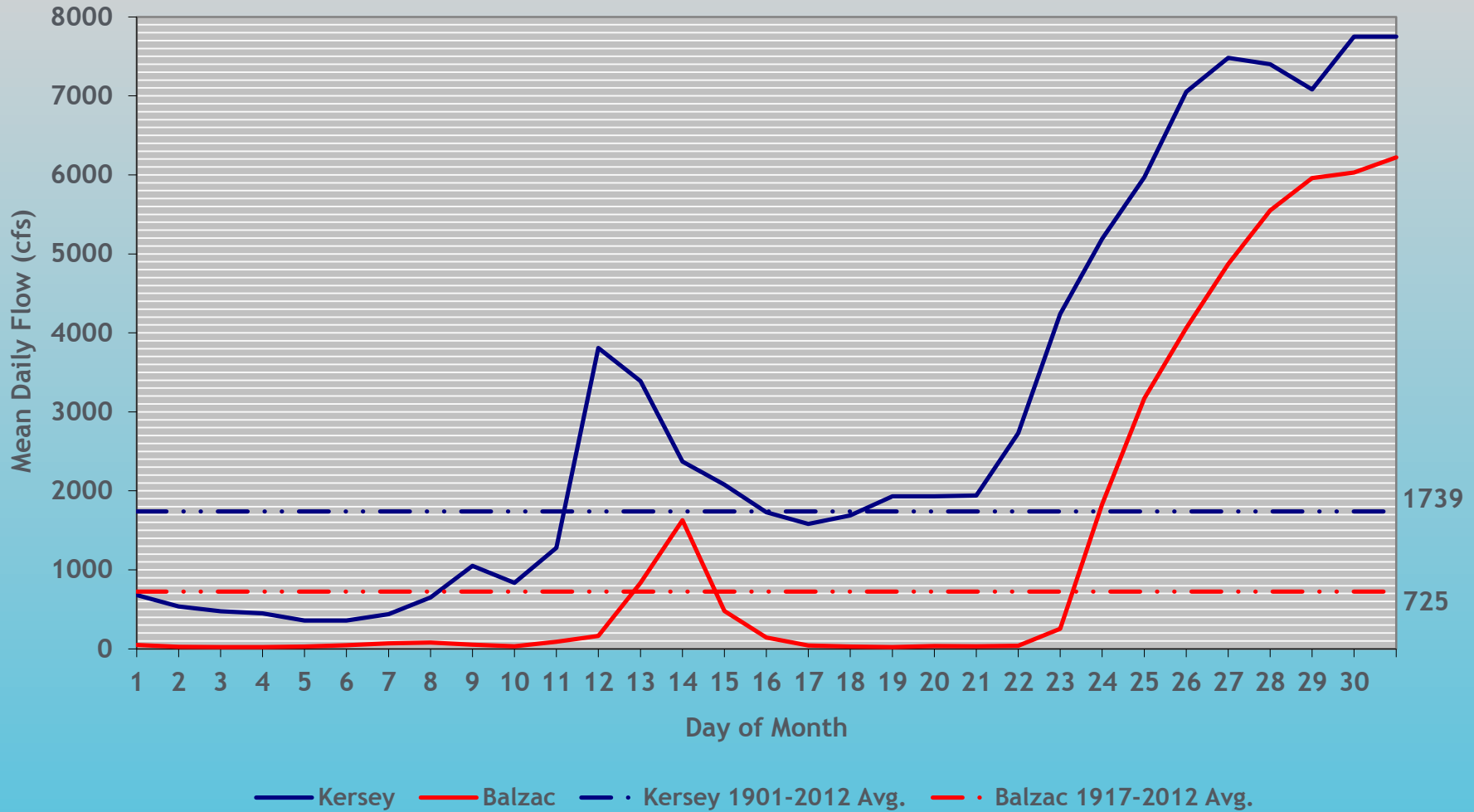
KERSEY and JULESBURG May 2013



KERSEY and JULESBURG May 2014



KERSEY and BALZAC May 2014

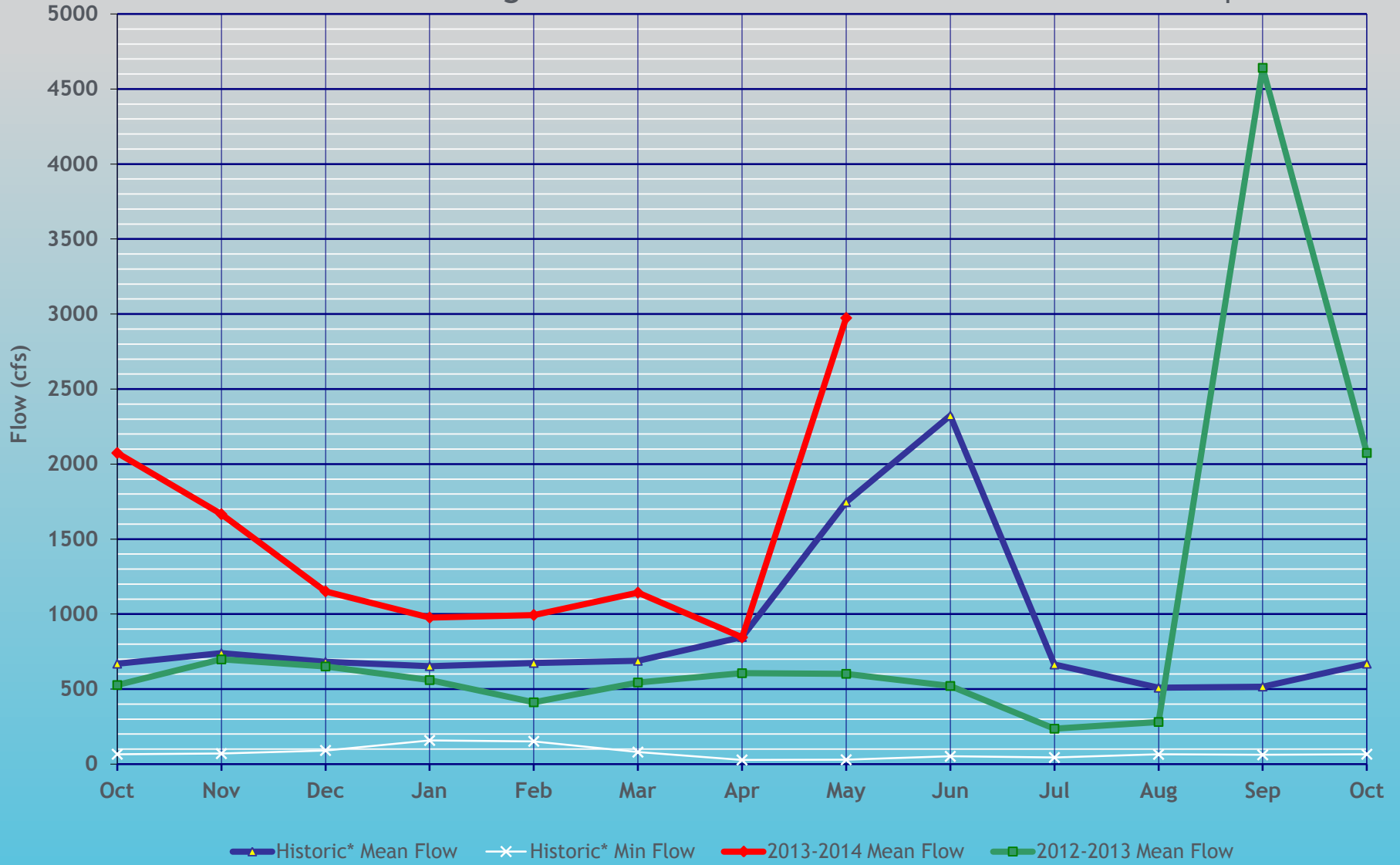


South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2014 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2014 Mean Monthly Flow
Oct	669	6180	1984	66	1954	2074	Oct	301	3130	1984	4.2	1903	1604
Nov	740	3650	1984	70	1934	1666	Nov	335	2900	1984	4.2	1903	233
Dec	682	1890	1961	91	1934	1152	Dec	397	1820	1984	13	2002	596
Jan	652	2160	1974	158	1935	977	Jan	509	2510	1970	21	2003	588
Feb	674	3060	1914	152	1935	994	Feb	582	3220	1930	29	2005	866
Mar	688	3470	1983	80	1935	1143	Mar	522	12900	1910	15	1904	484
Apr	846	18100	1942	28	1955	845	Apr	523	14400	1942	4.0	1904	206
May	1746	26100	1973	29	1955	2974	May	1003	18100	1973	12	1911	643
Jun	2323	31000	1921	52	1954		Jun	1430	30800	1921	2.0	1910	
Jul	664	12600	1983	44	1955		Jul	295	12600	1983	0.0	1903	
Aug	509	9690	1951	65	1934		Aug	180	8920	1968	0.0	1903	
Sep	517	14200	1938	62	1940		Sep	239	7130	1938	2.0	1902	
Oct	669	6180	1984	66	1954		Oct	301	3130	1984	4.2	1903	
*Period of record 1902-2012							*Period of record 1902-2012						

South Platte River at Kersey

Irrigation Year

Peak Flows at Kersey have not been determined at this point.

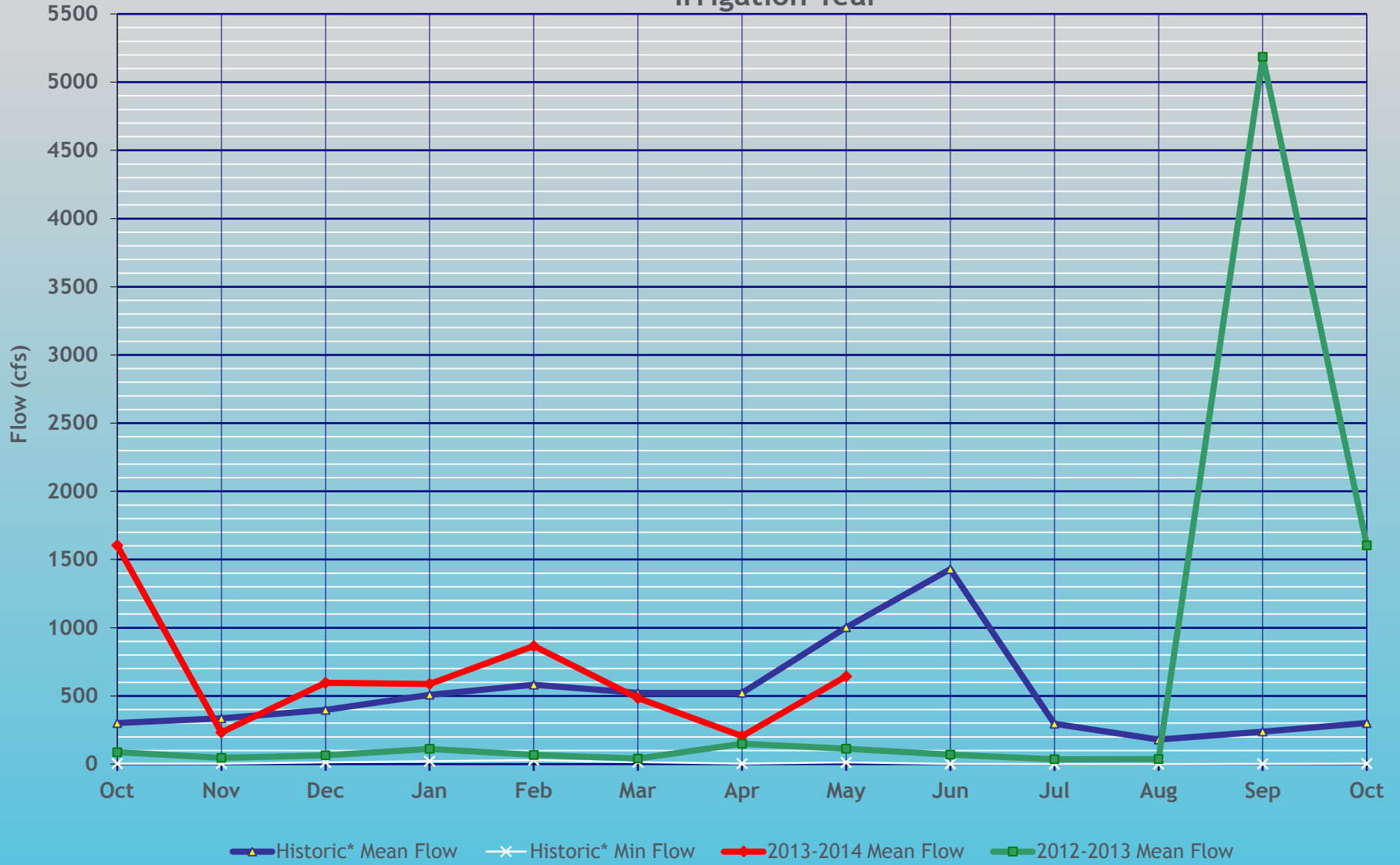


Historic* Mean Flow (1901-2012) Historic* Min Flow 2013-2014 Mean Flow 2012-2013 Mean Flow

*1901-2012

South Platte River at Julesburg

Irrigation Year



Historic* Mean Flow Historic* Min Flow 2013-2014 Mean Flow 2012-2013 Mean Flow

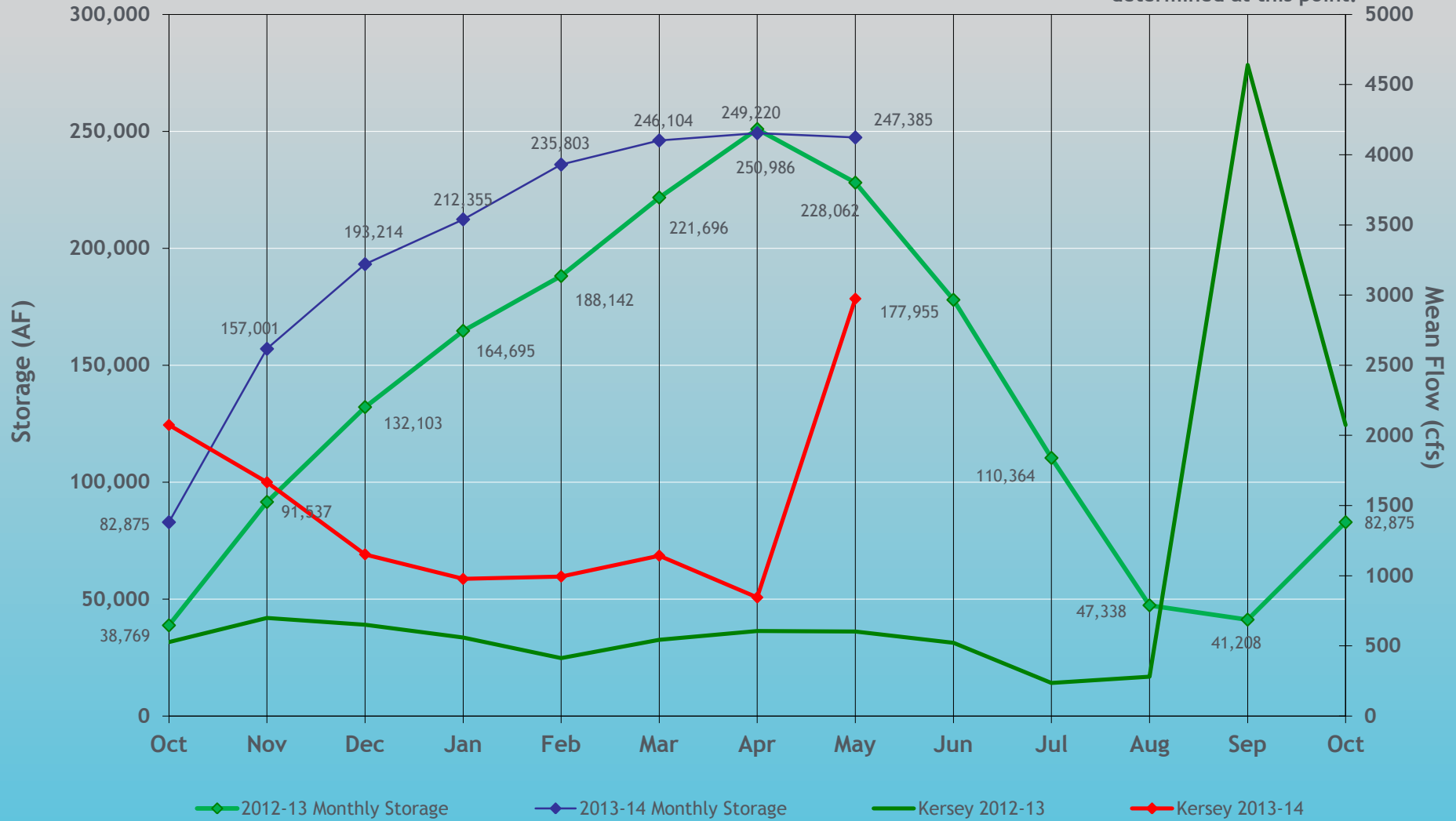
*1901-2012



Reservoir Storage below Kersey

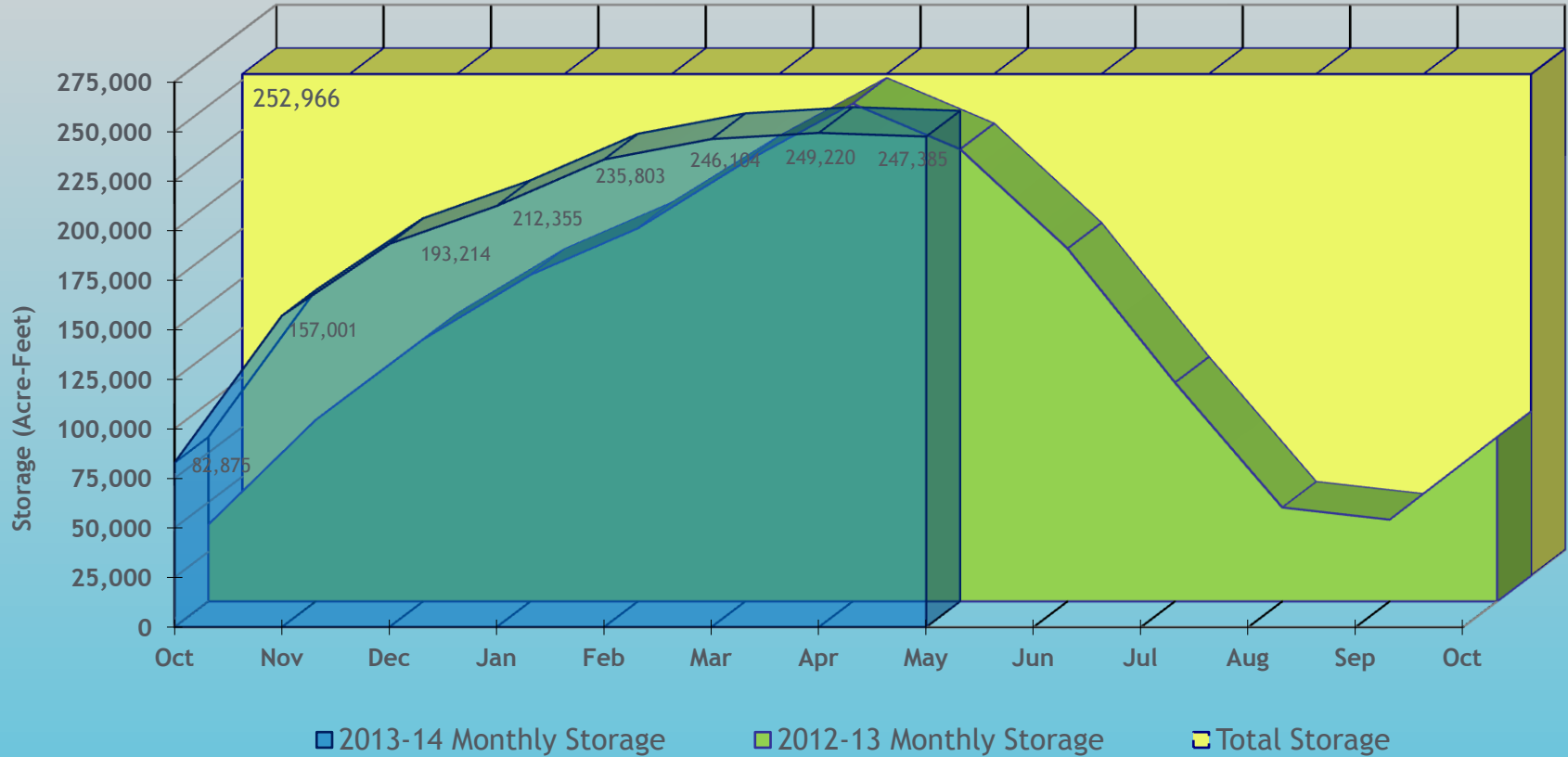
Selected Reservoirs*

Peak Flows at Kersey have not been determined at this point.



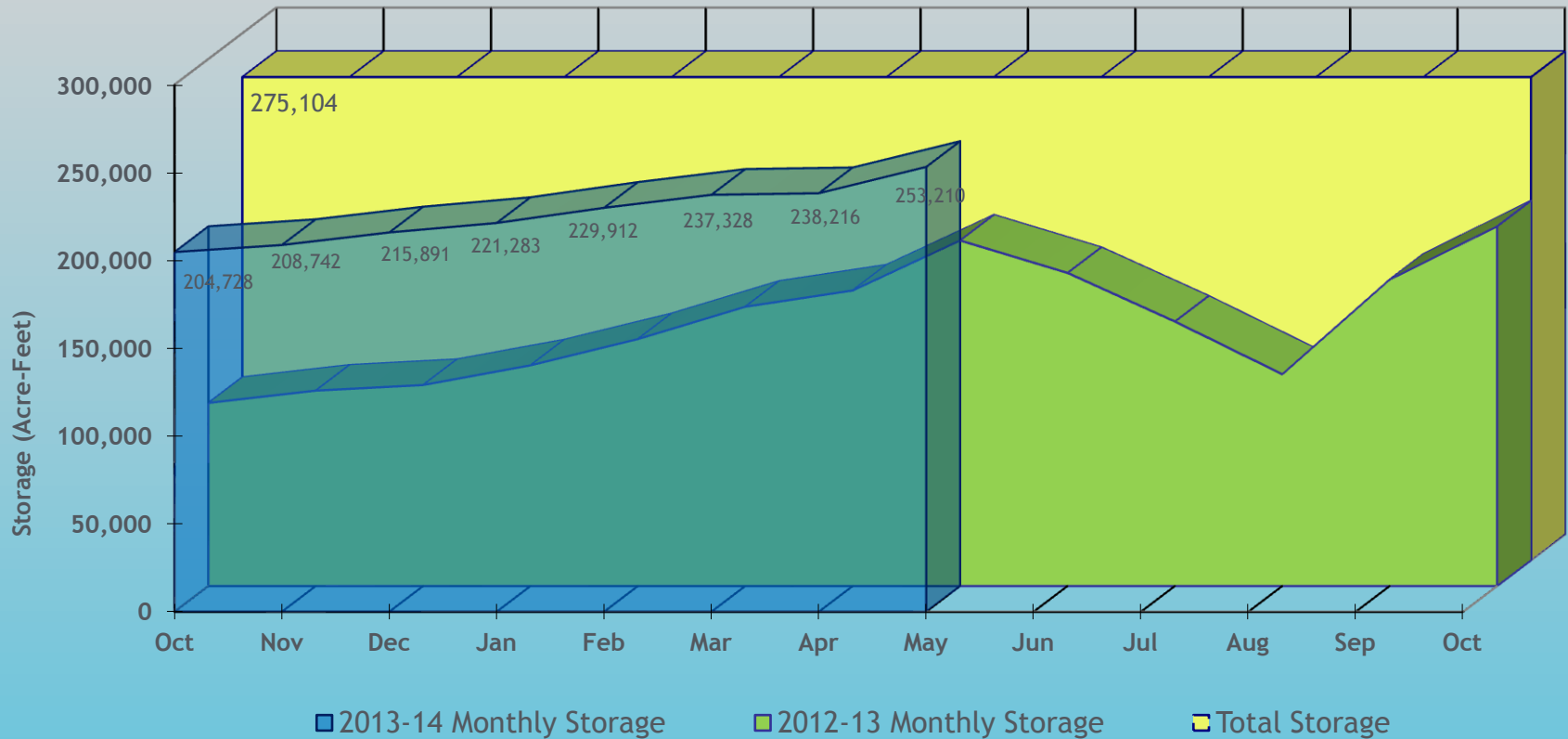
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

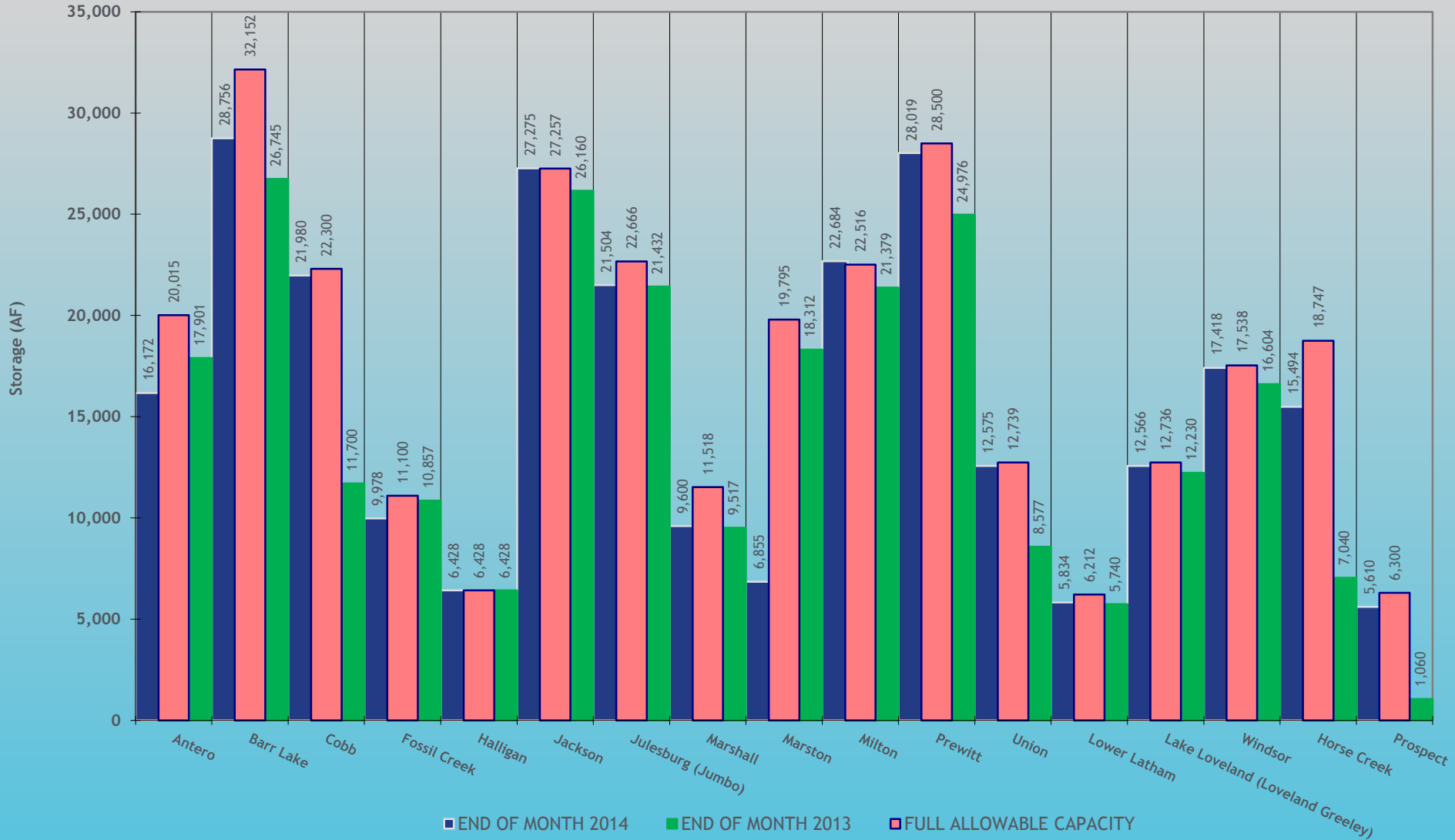
South Platte Reservoir Storage above Kersey*



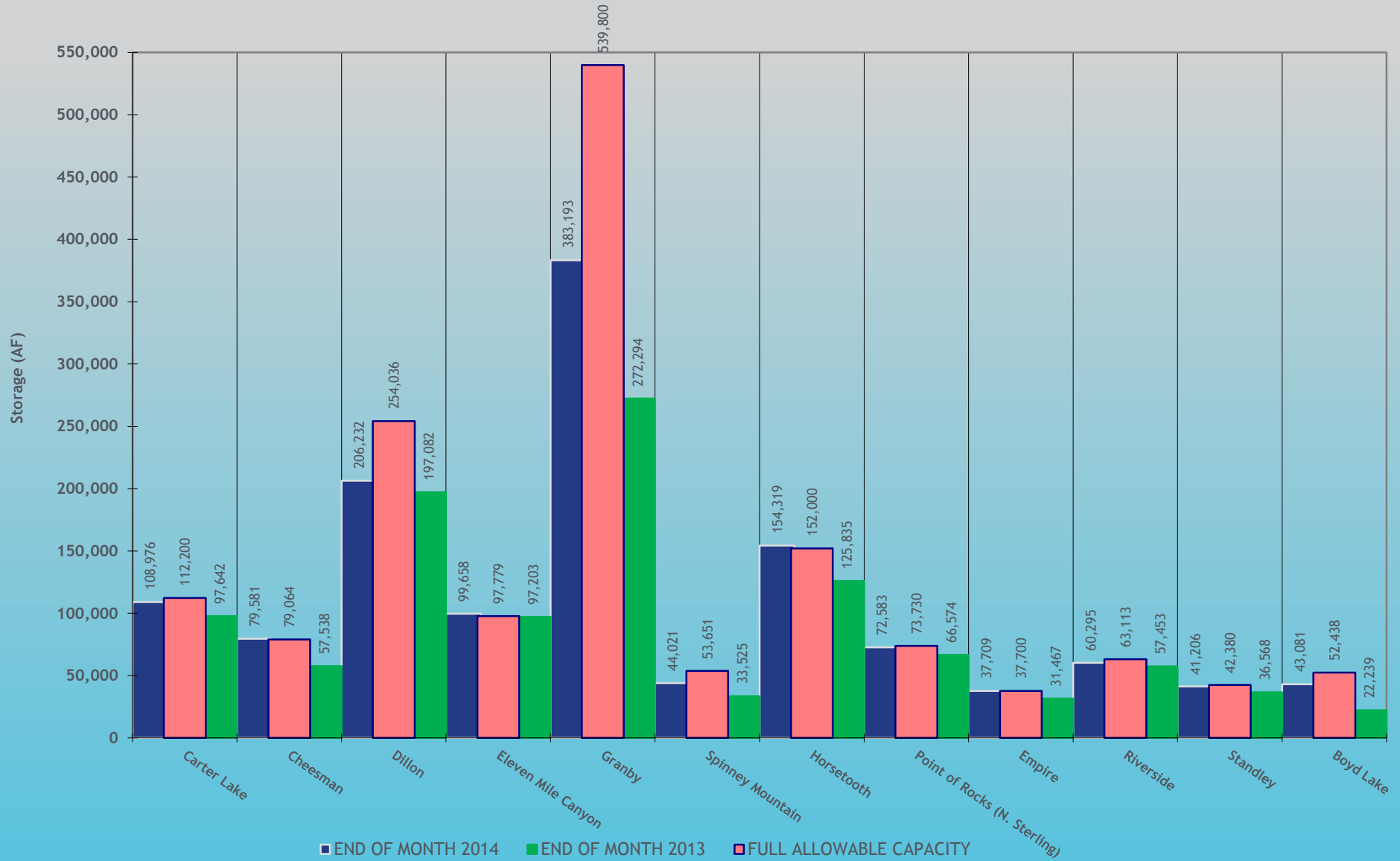
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



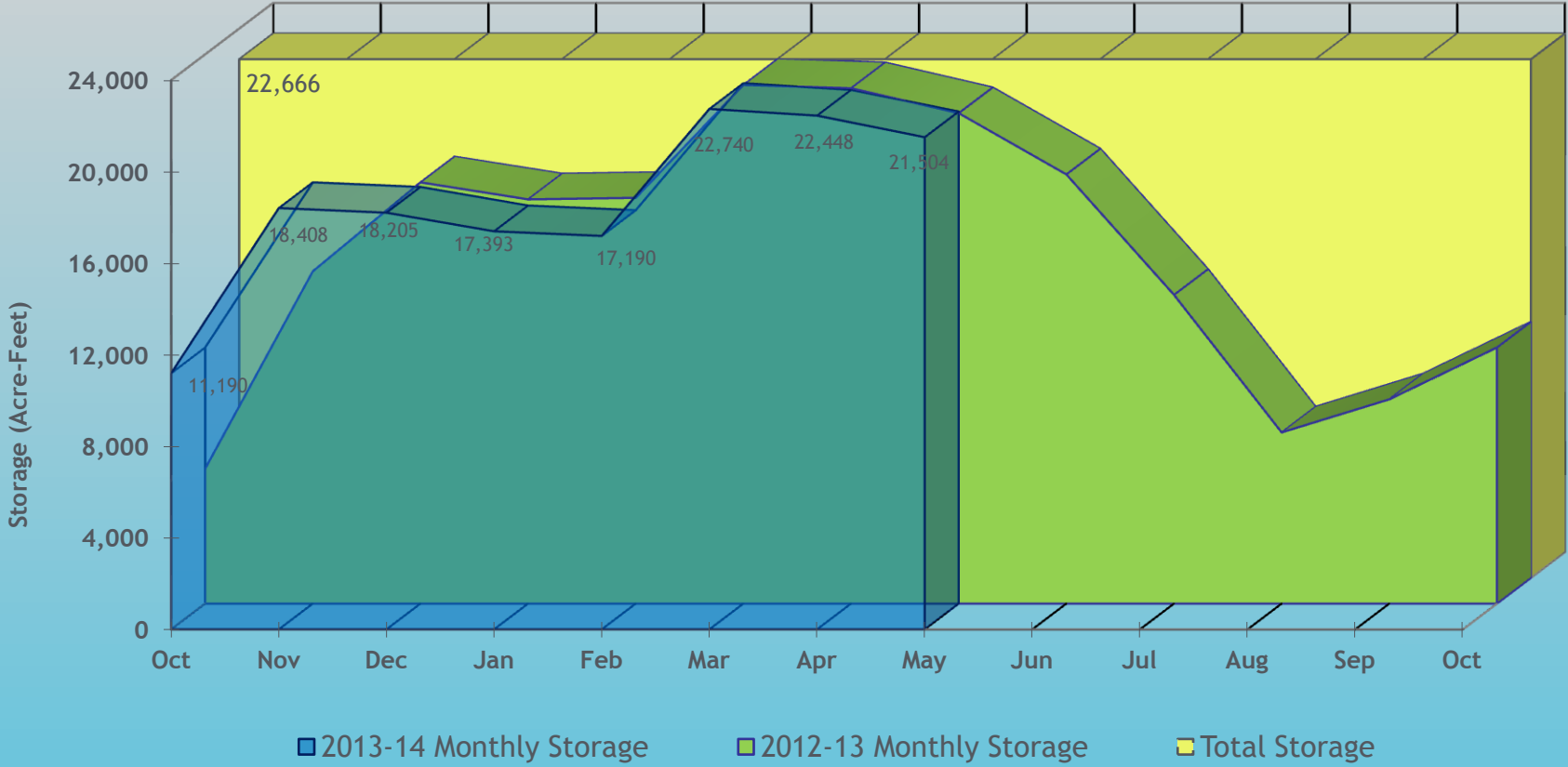
May Reservoir Change in Storage 2013 versus 2014



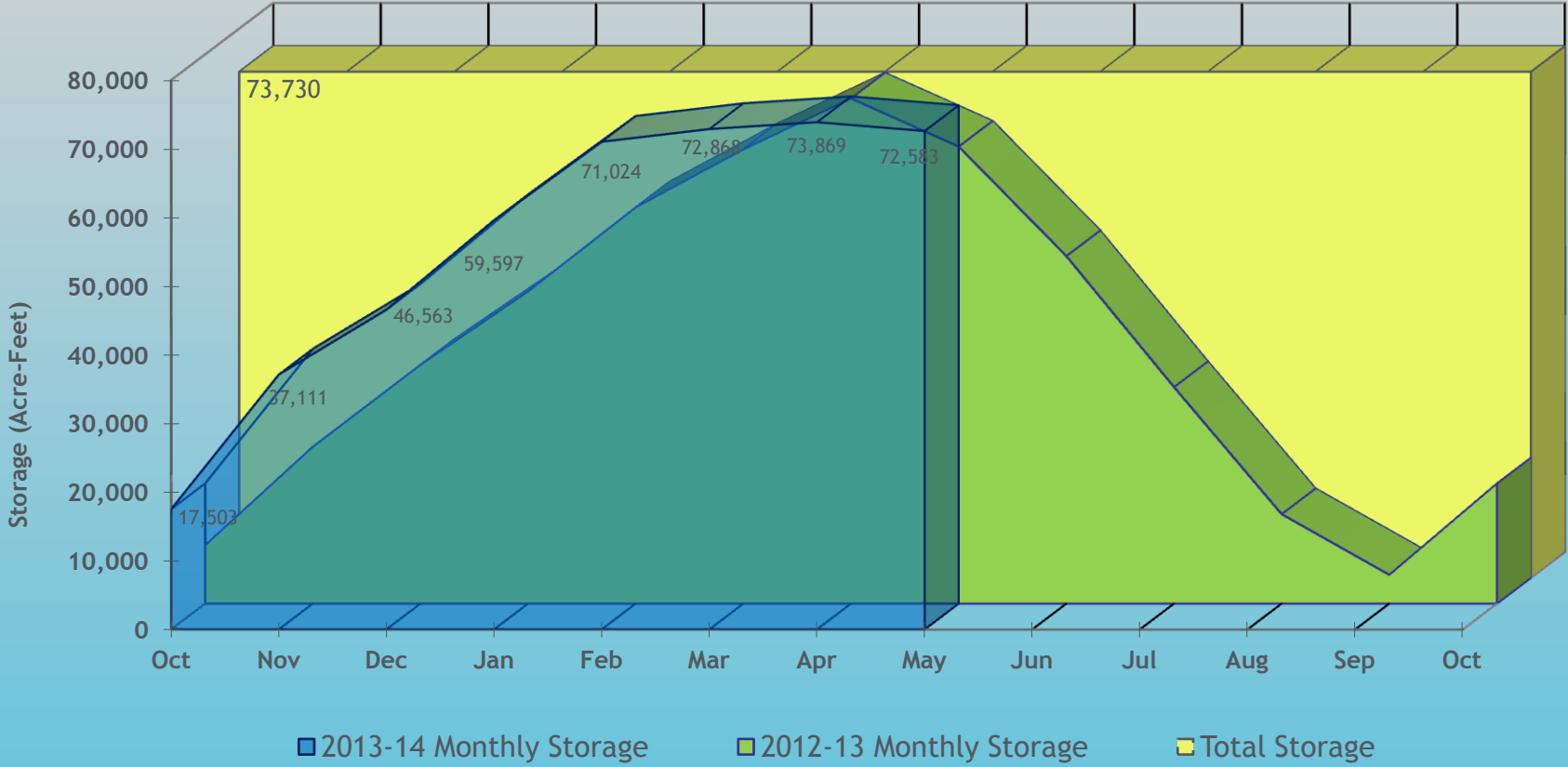
May Reservoir Change in Storage 2013 versus 2014



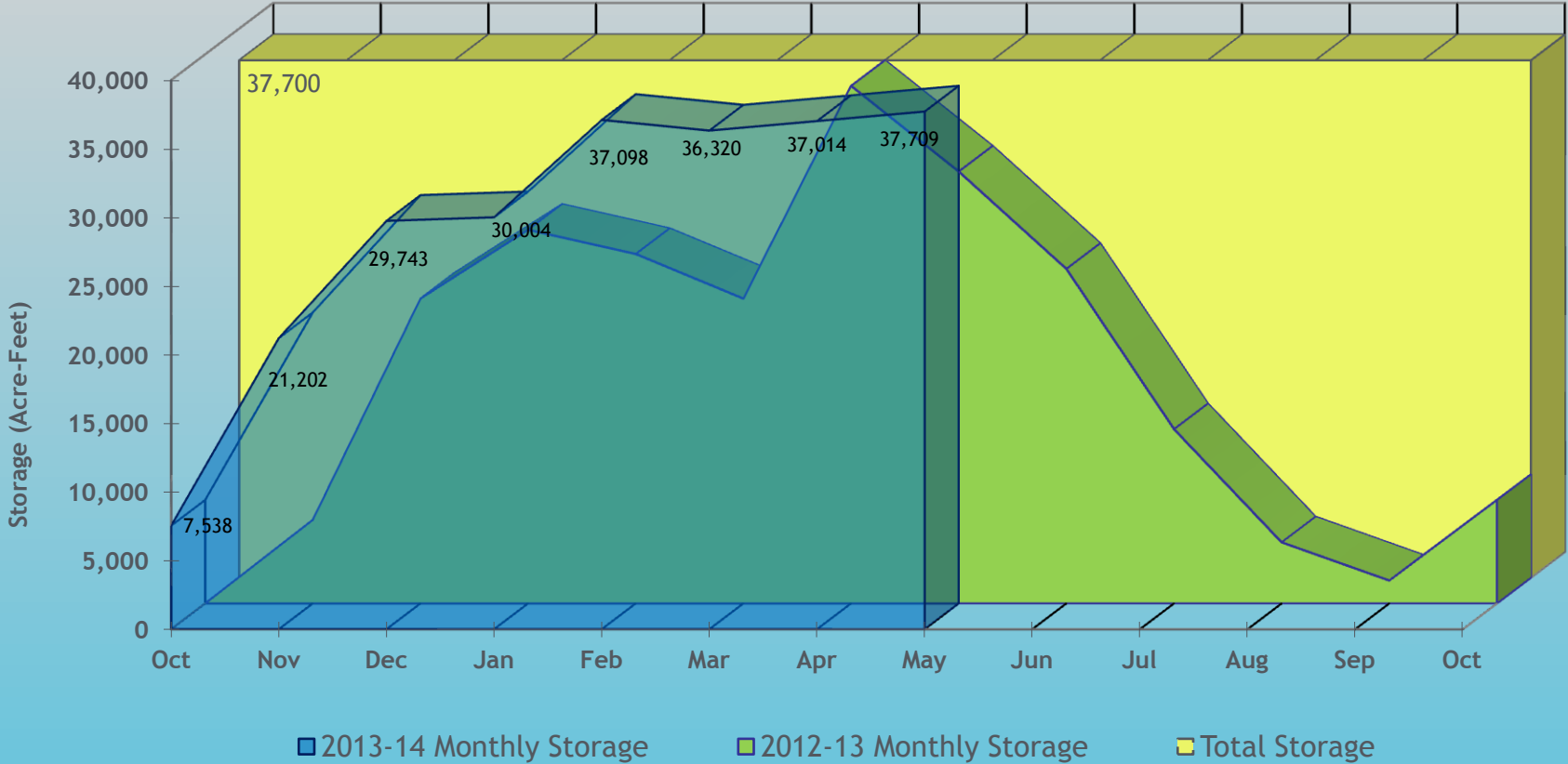
Julesburg Reservoir (District 64 - Agricultural)



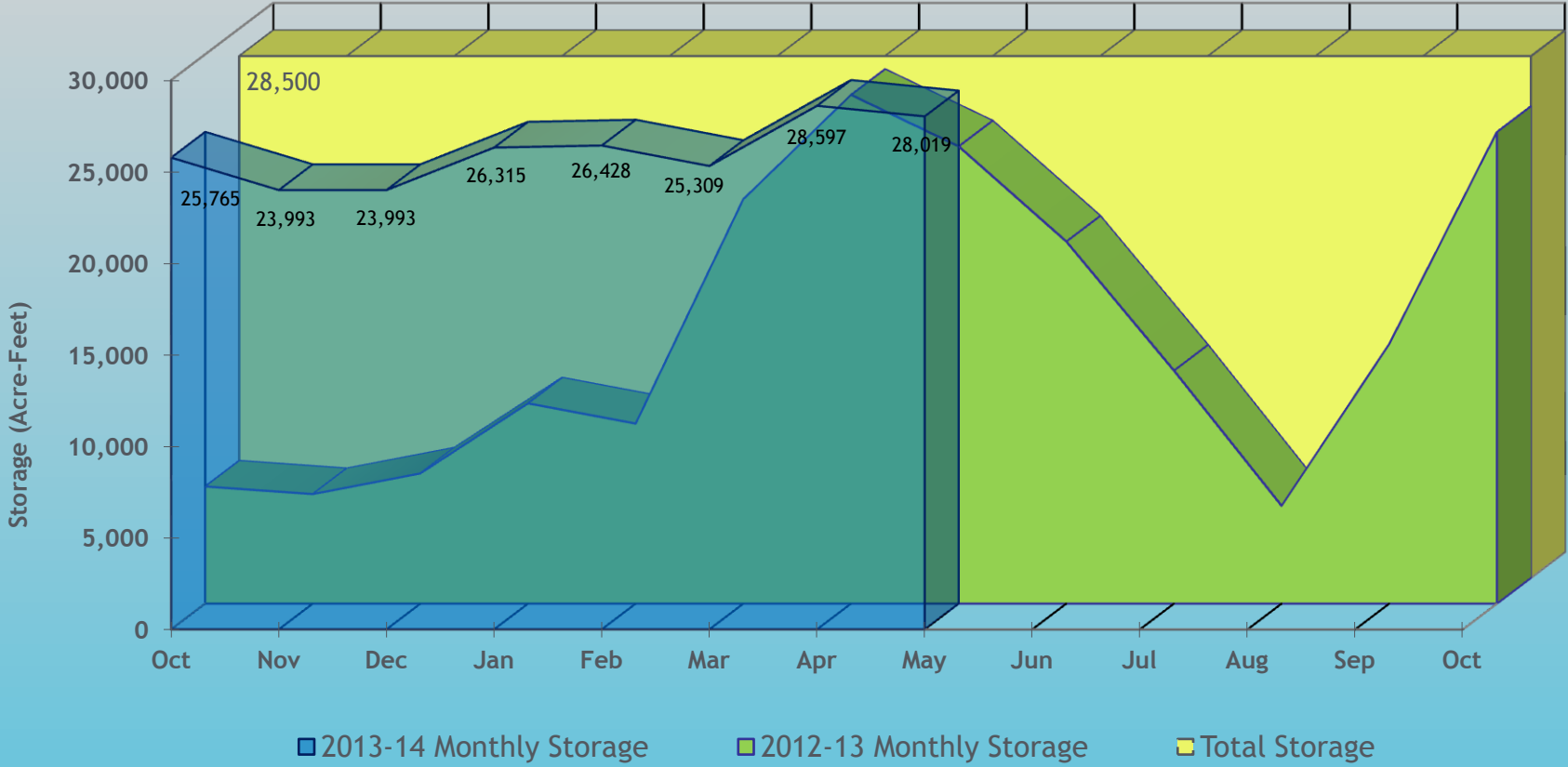
North Sterling Reservoir (District 64 - Agricultural)



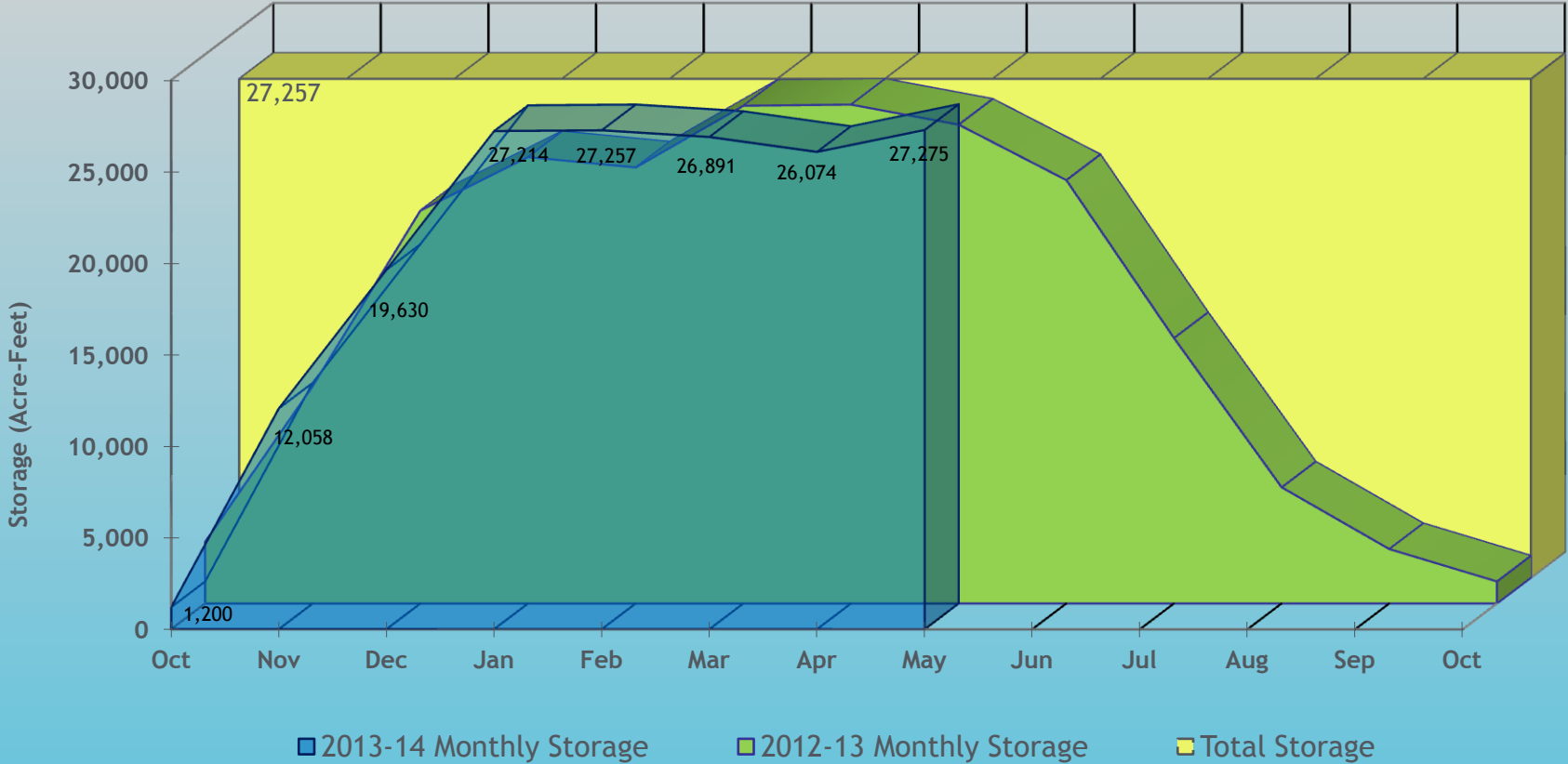
Empire Reservoir (District 1 - Agricultural)



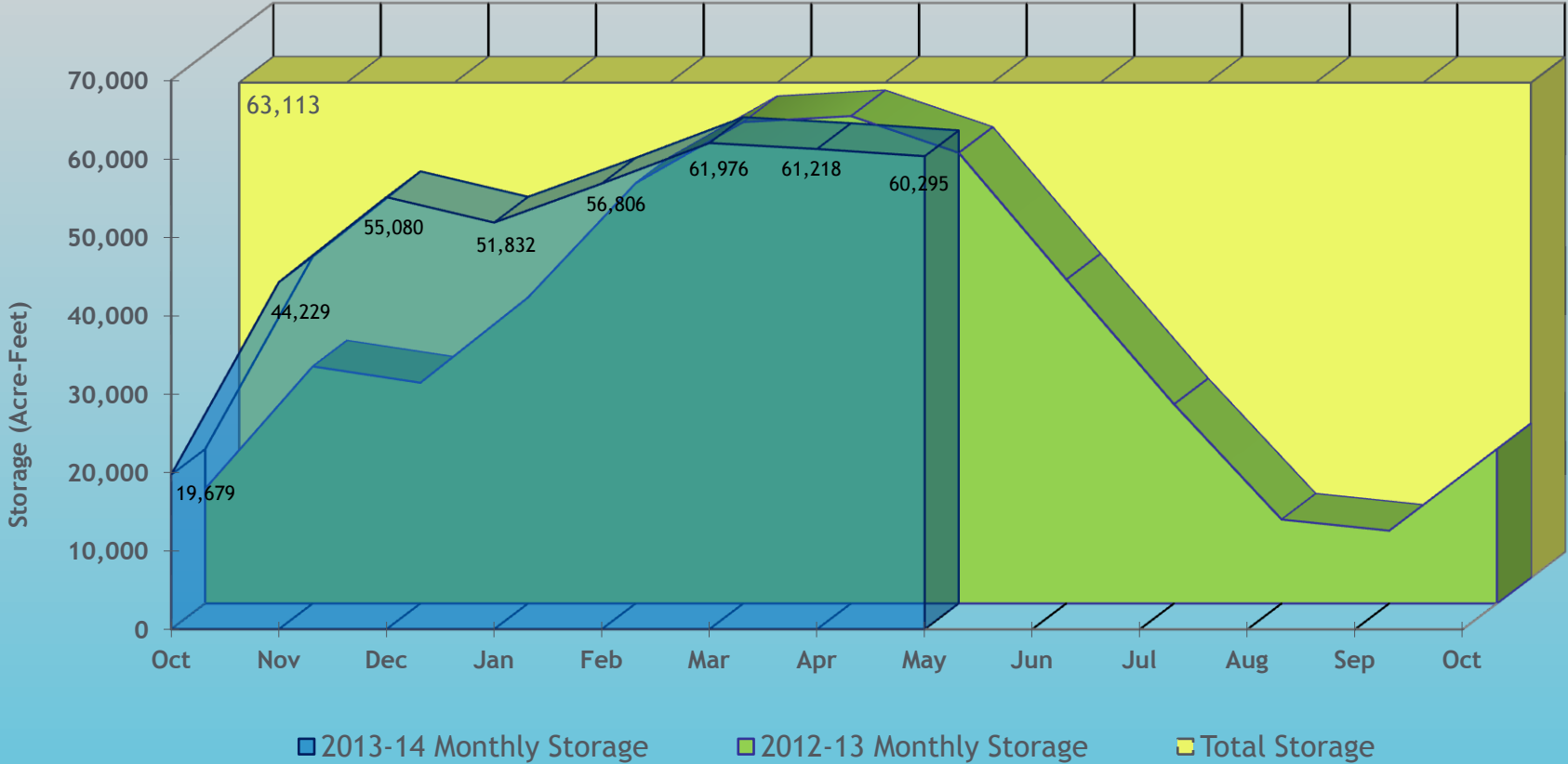
Prewitt Reservoir (District 64 - Agricultural)



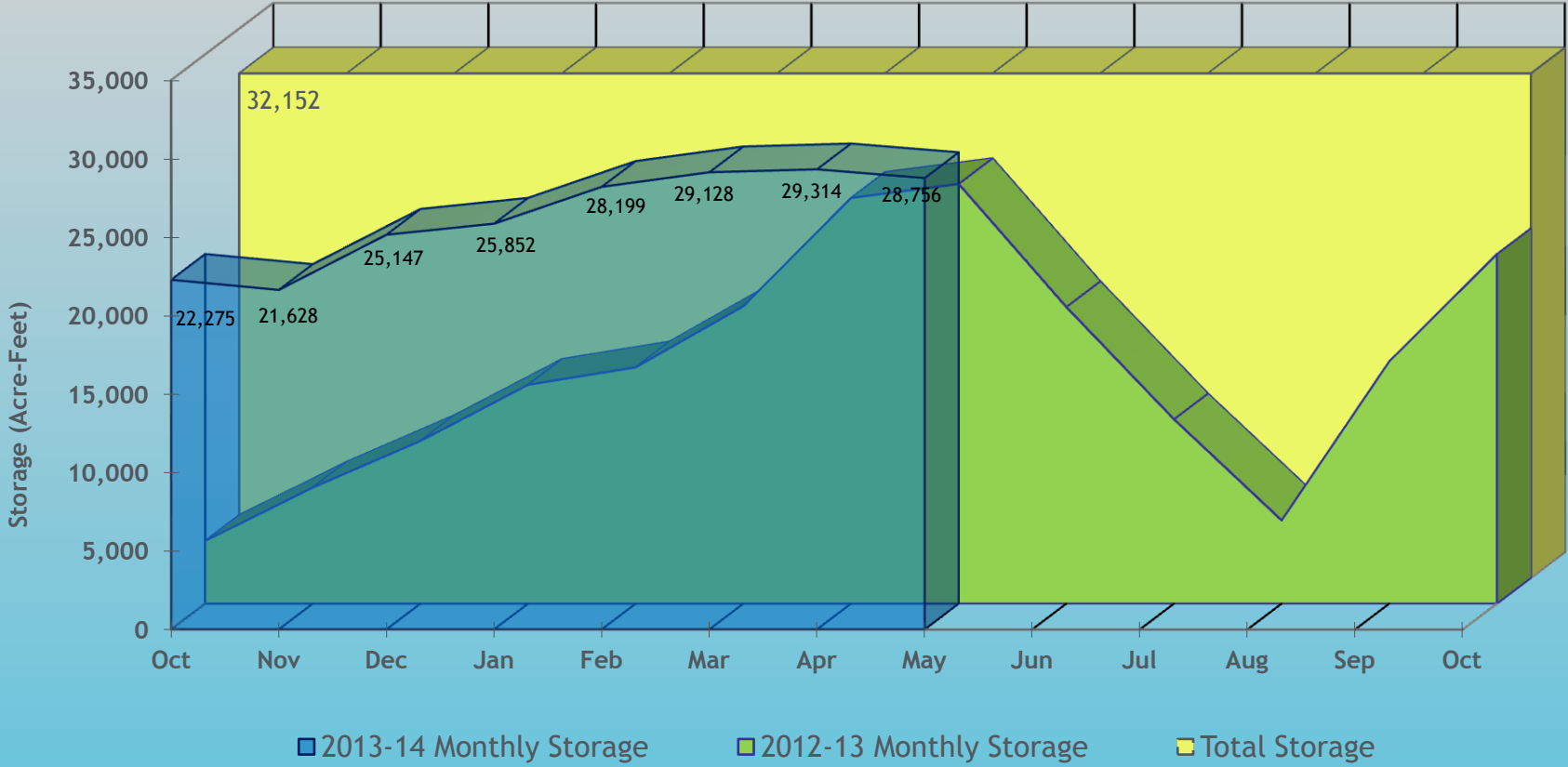
Jackson Reservoir (District 1 - Agricultural)



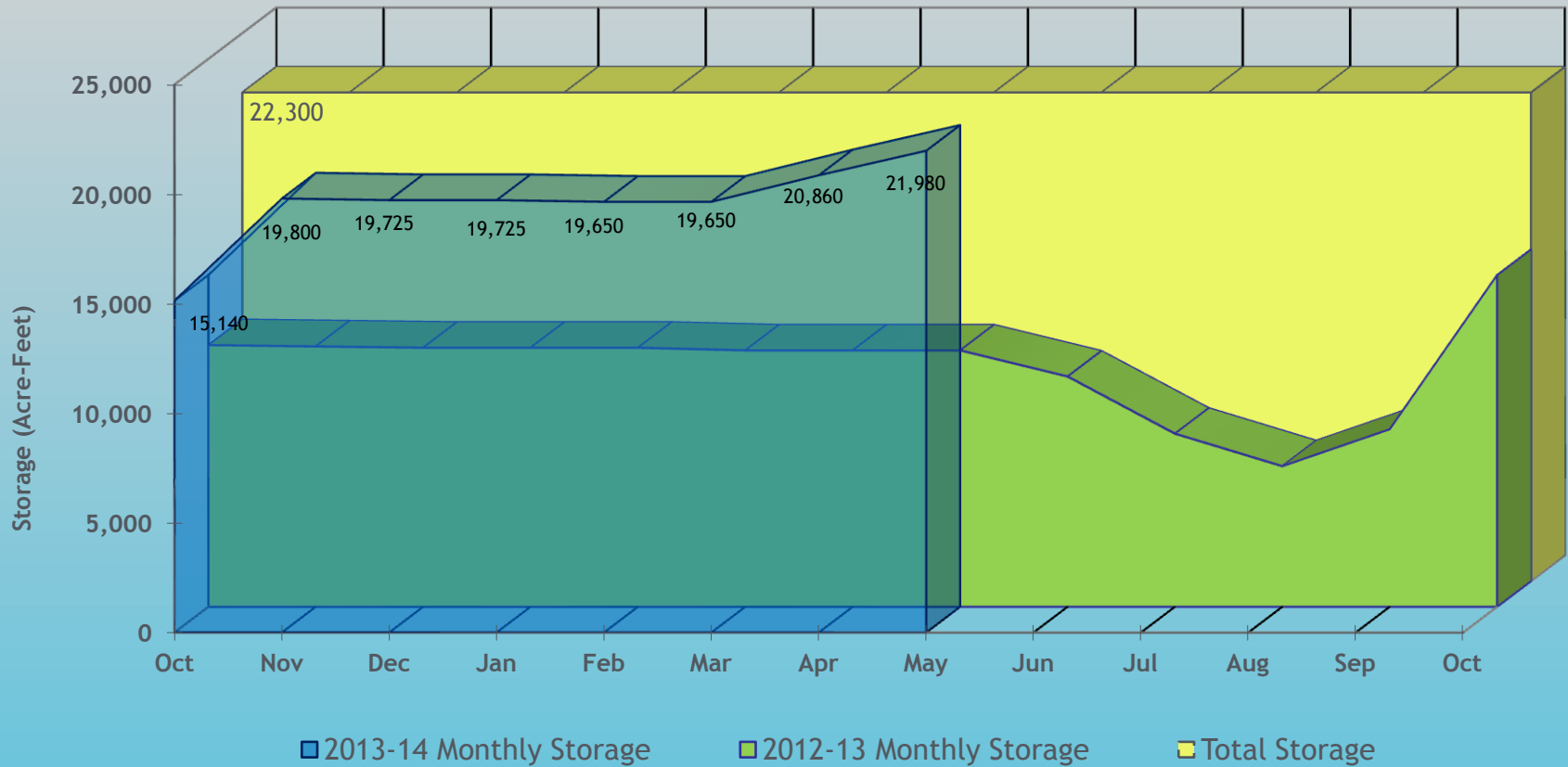
Riverside Reservoir (District 1 - Agricultural)



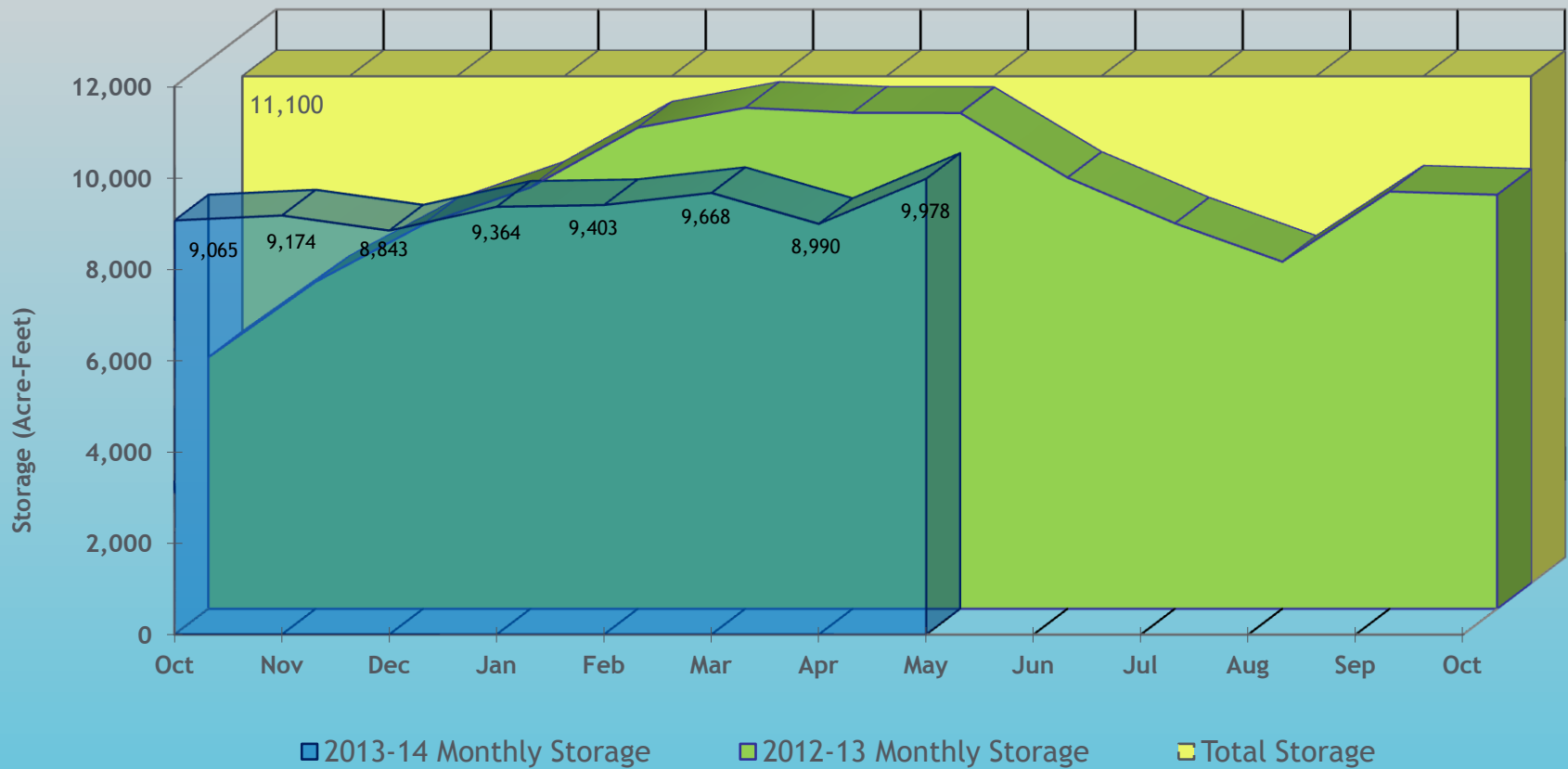
Barr Reservoir (District 2 - Agricultural)



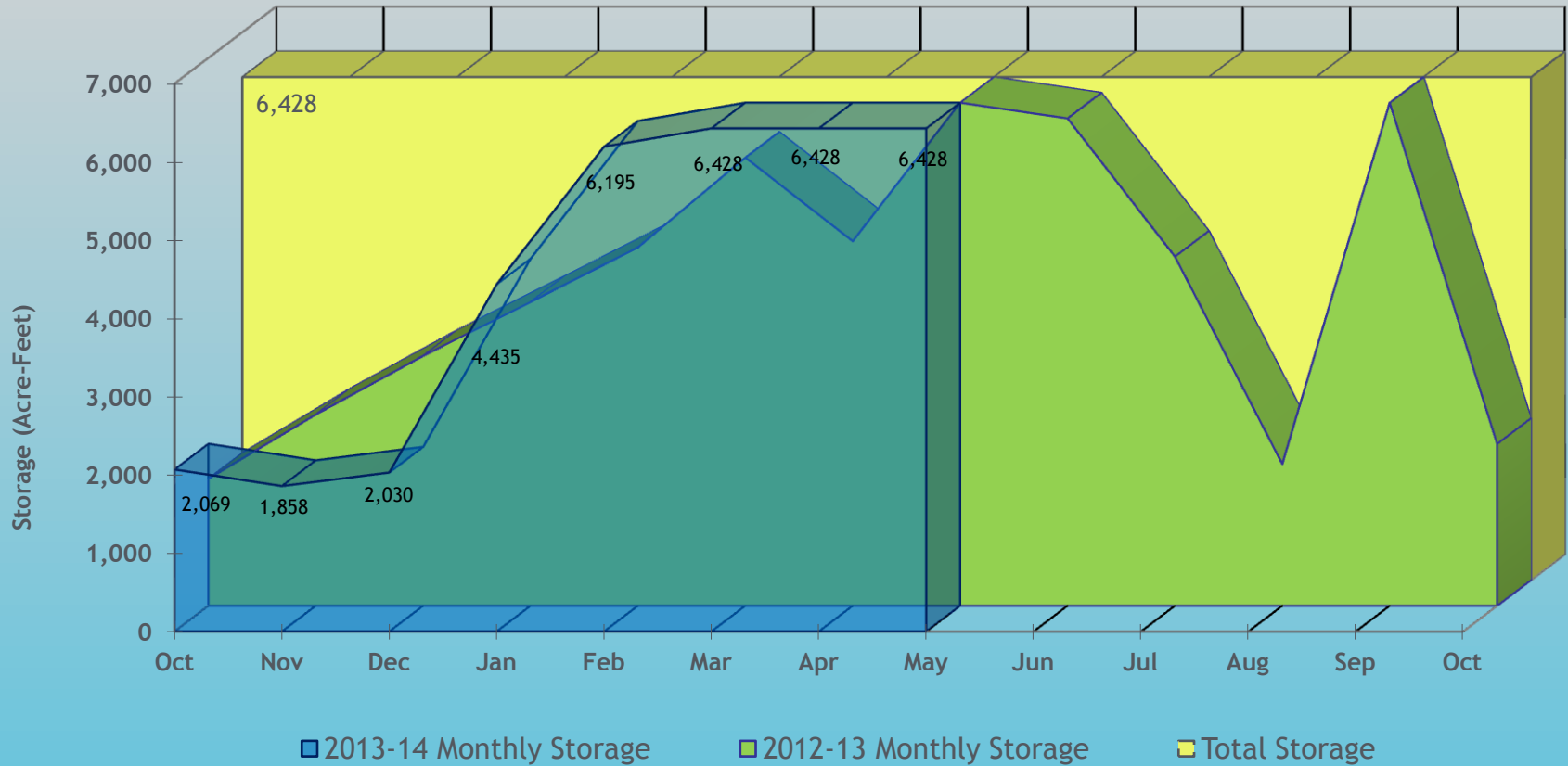
Cobb Reservoir (District 3, Poudre River - Agricultural)



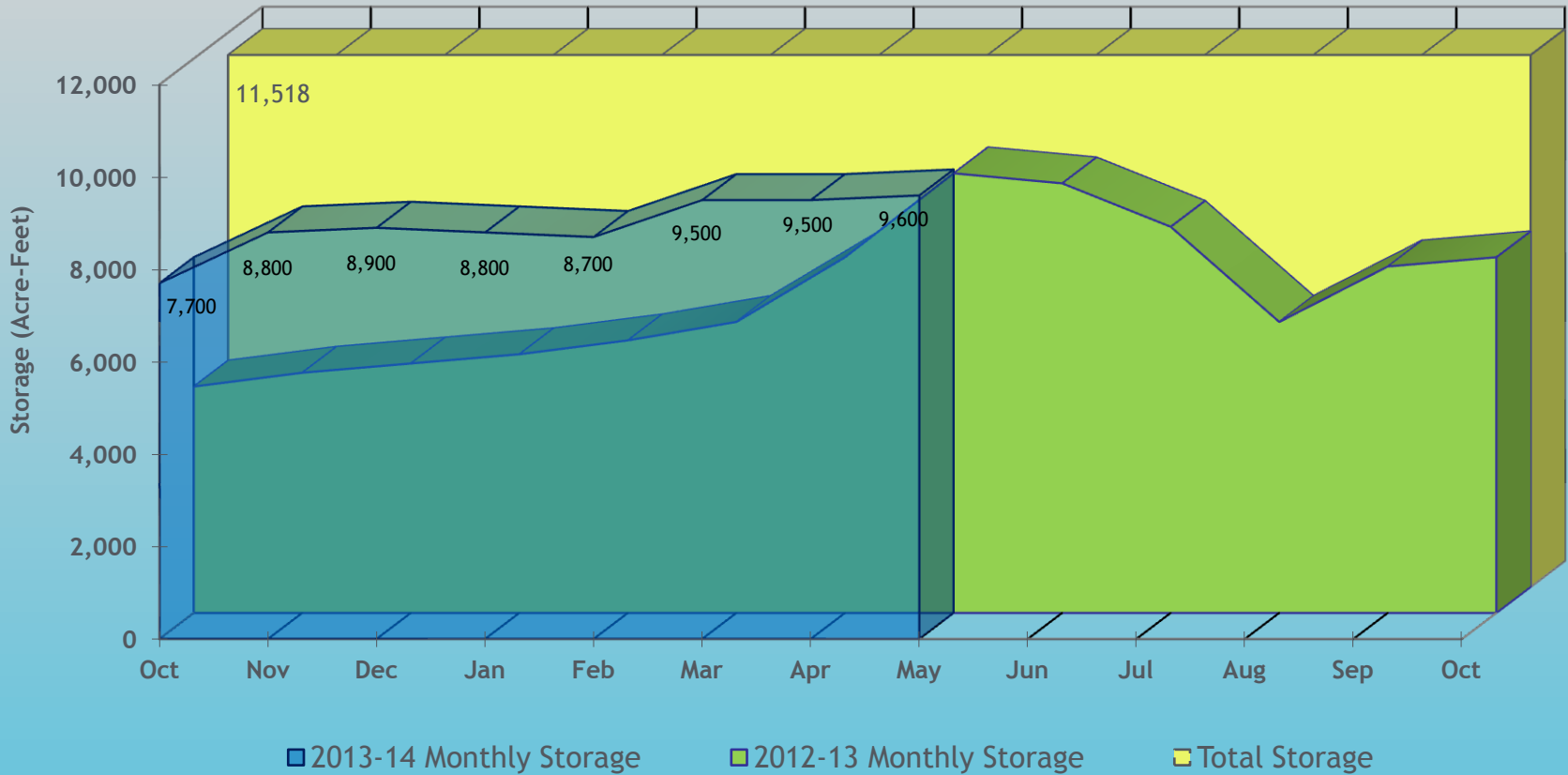
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



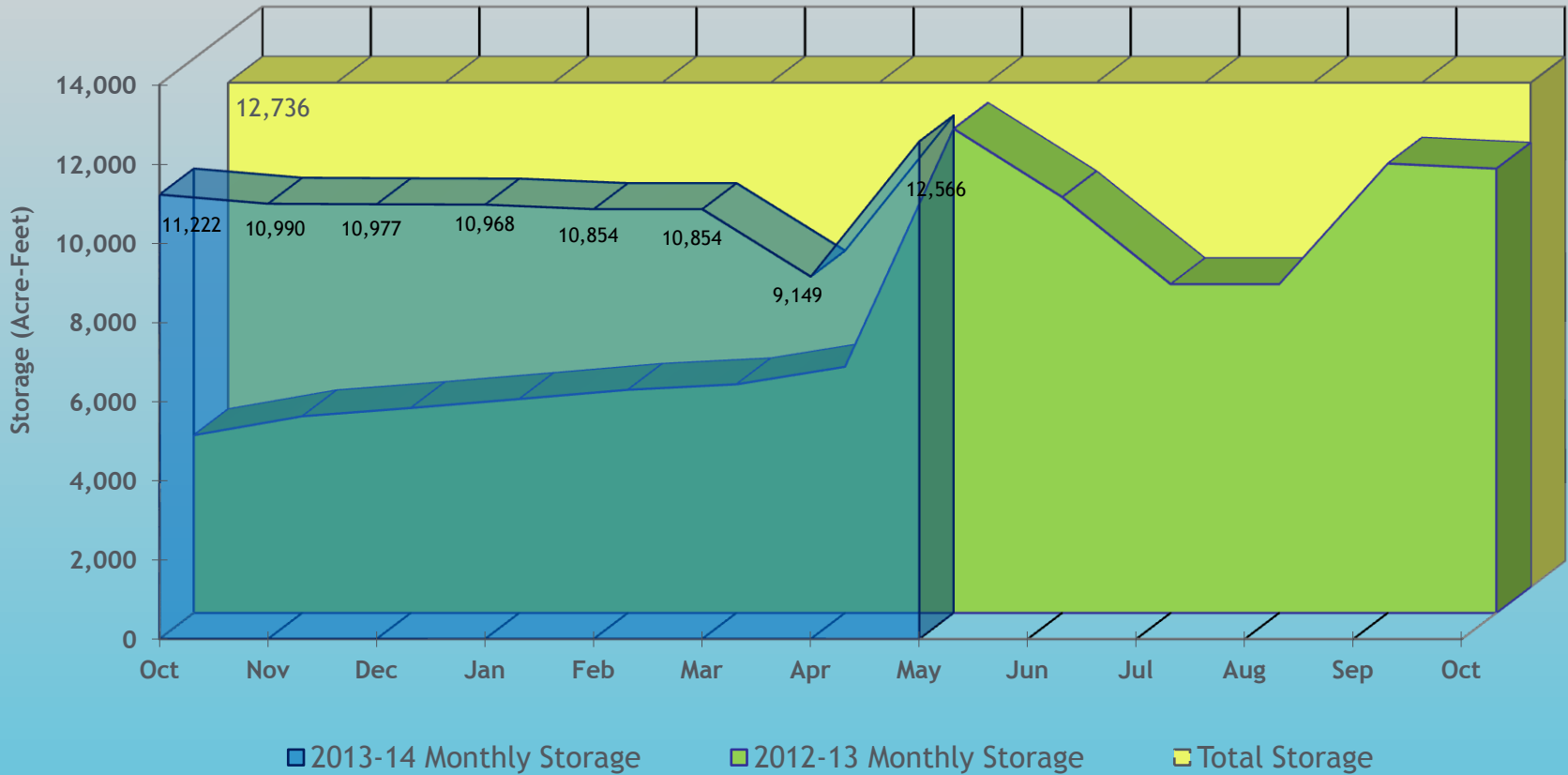
Halligan Reservoir (District 3, Poudre River - Agricultural)



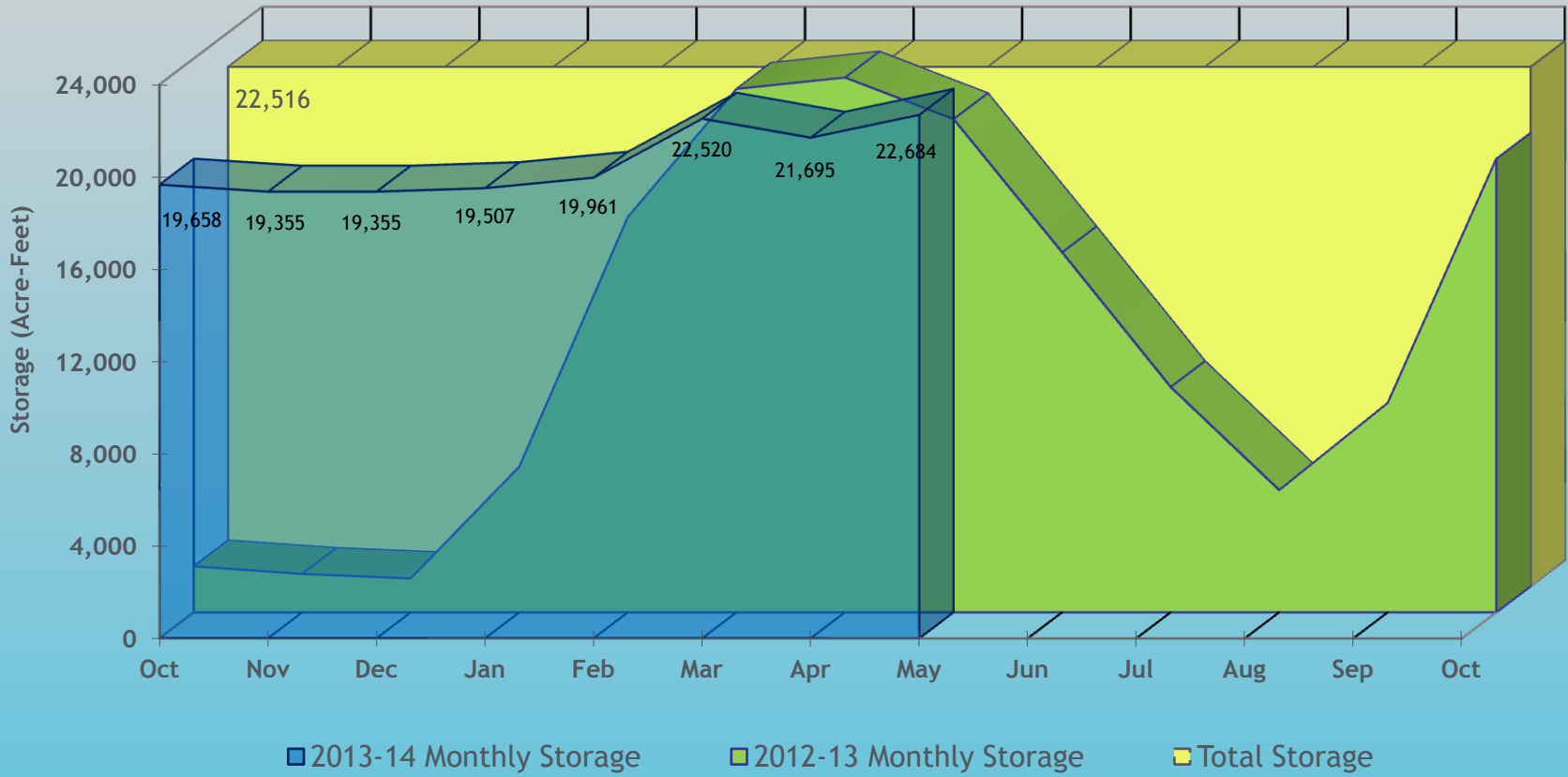
Marshall Lake (District 6, Boulder Creek - Agricultural)



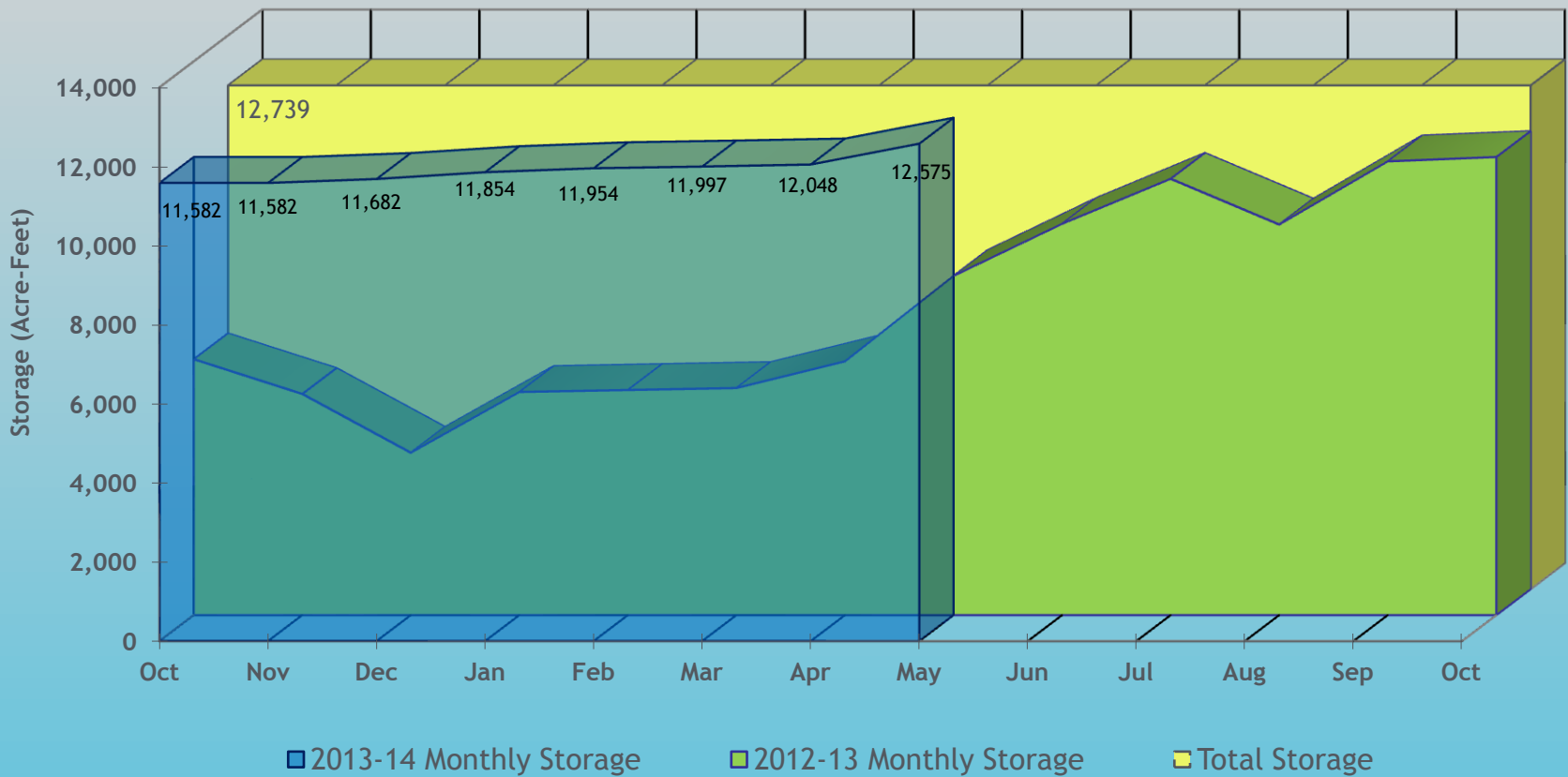
Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



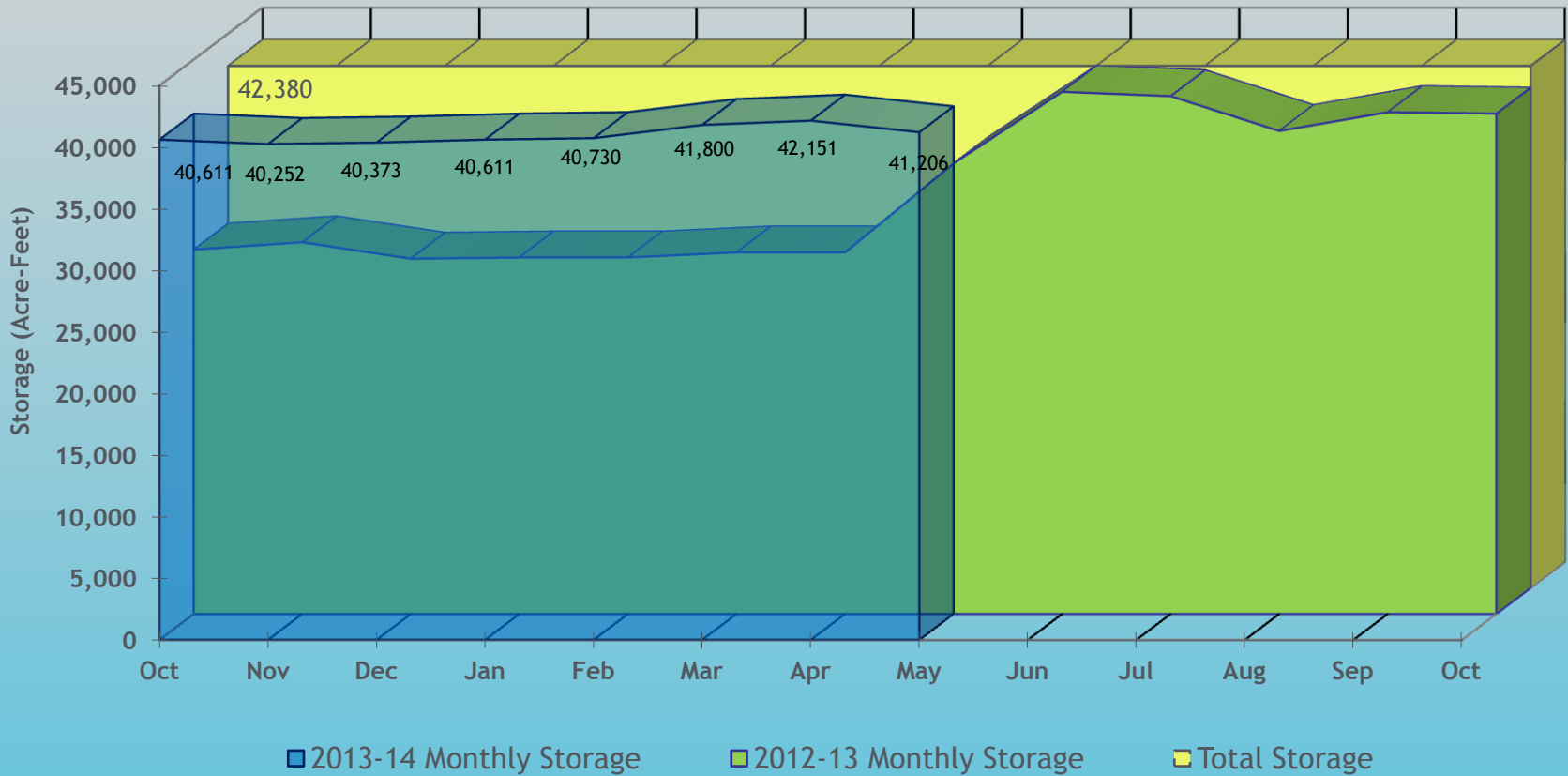
Milton Reservoir (District 2 - Agricultural)



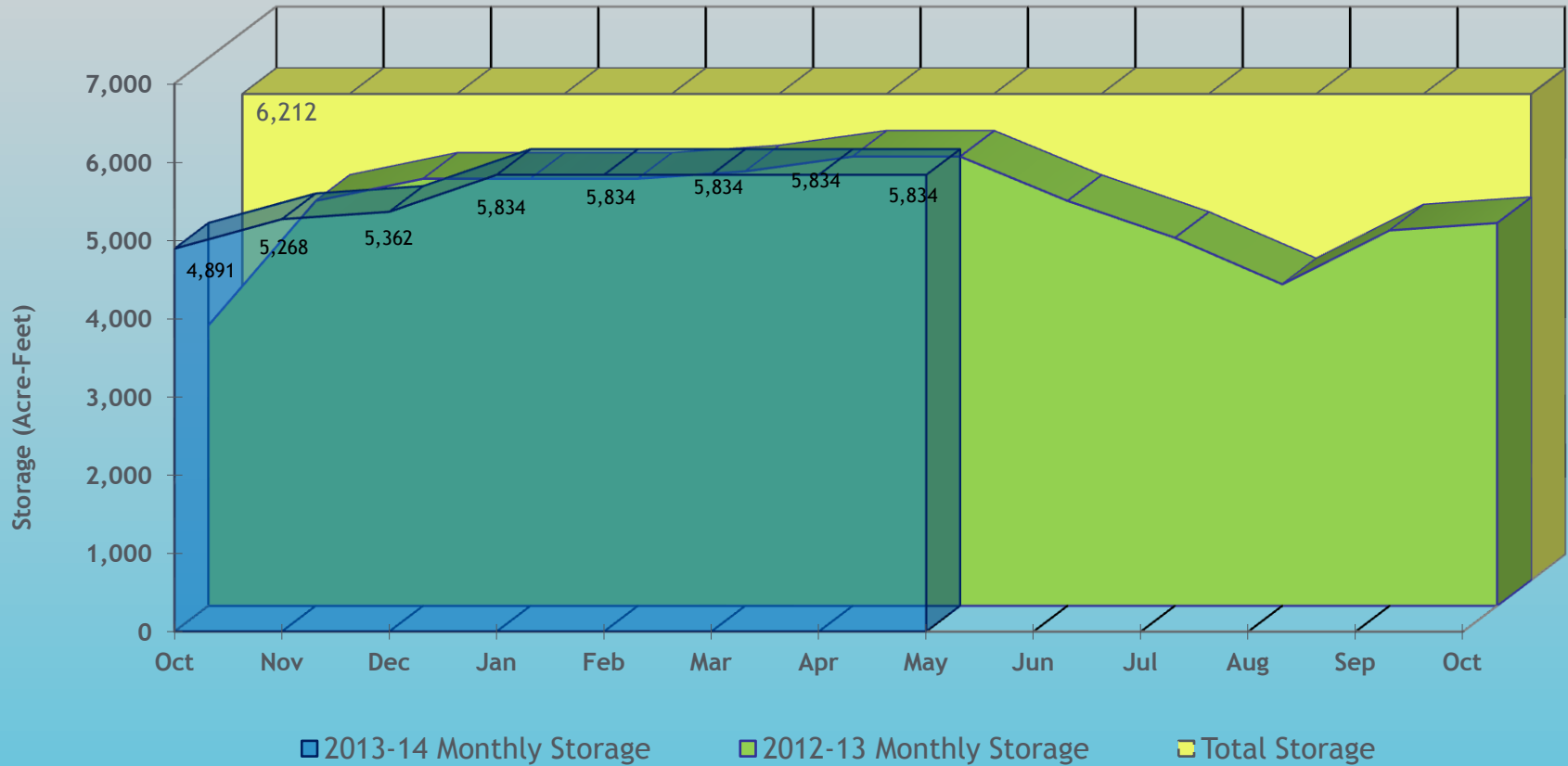
Union Reservoir (District 5, St. Vrain Creek - Agricultural)



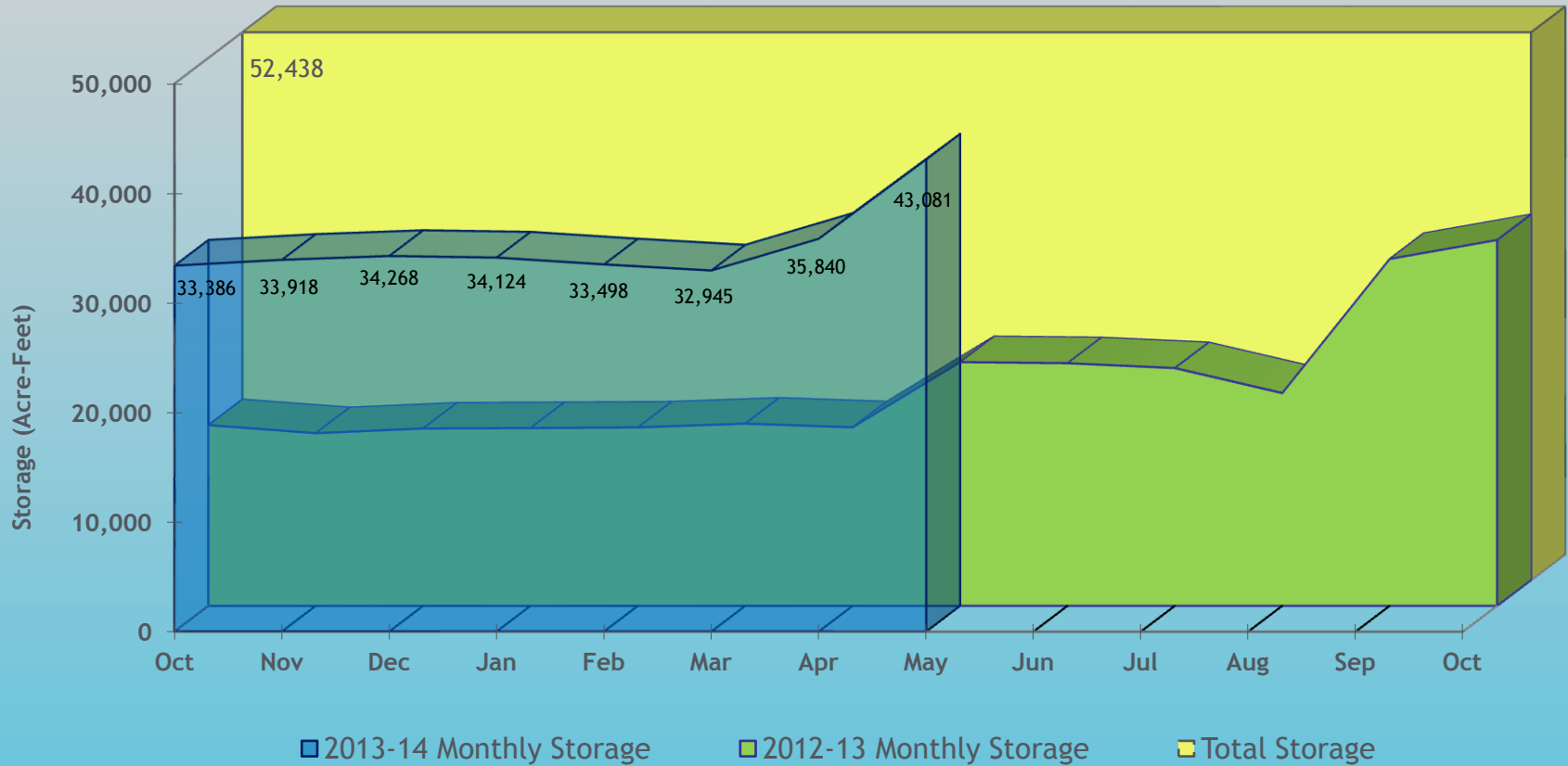
Standley Lake (Agricultural)



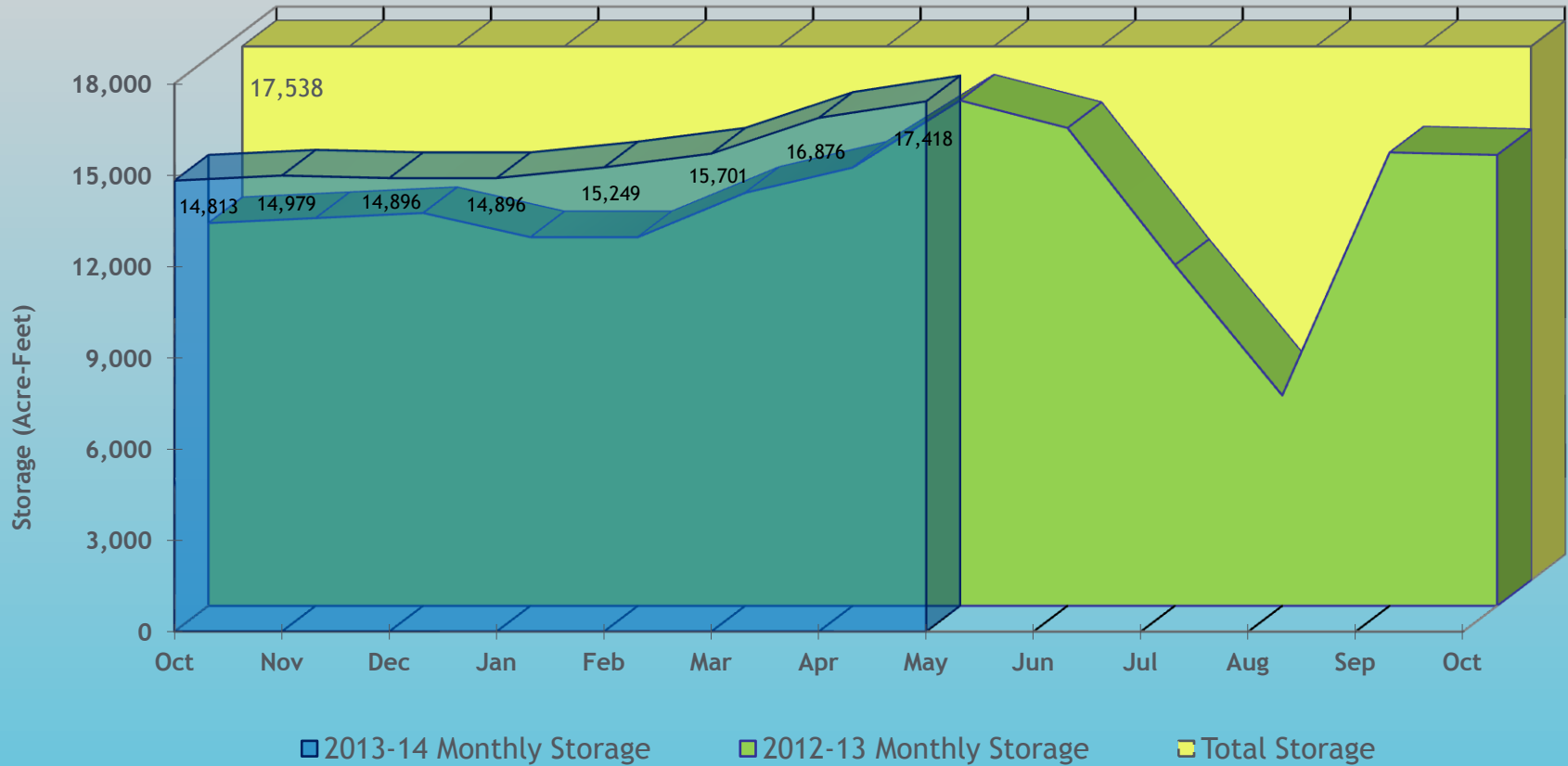
Lower Latham Reservoir (District 2 - Agricultural)



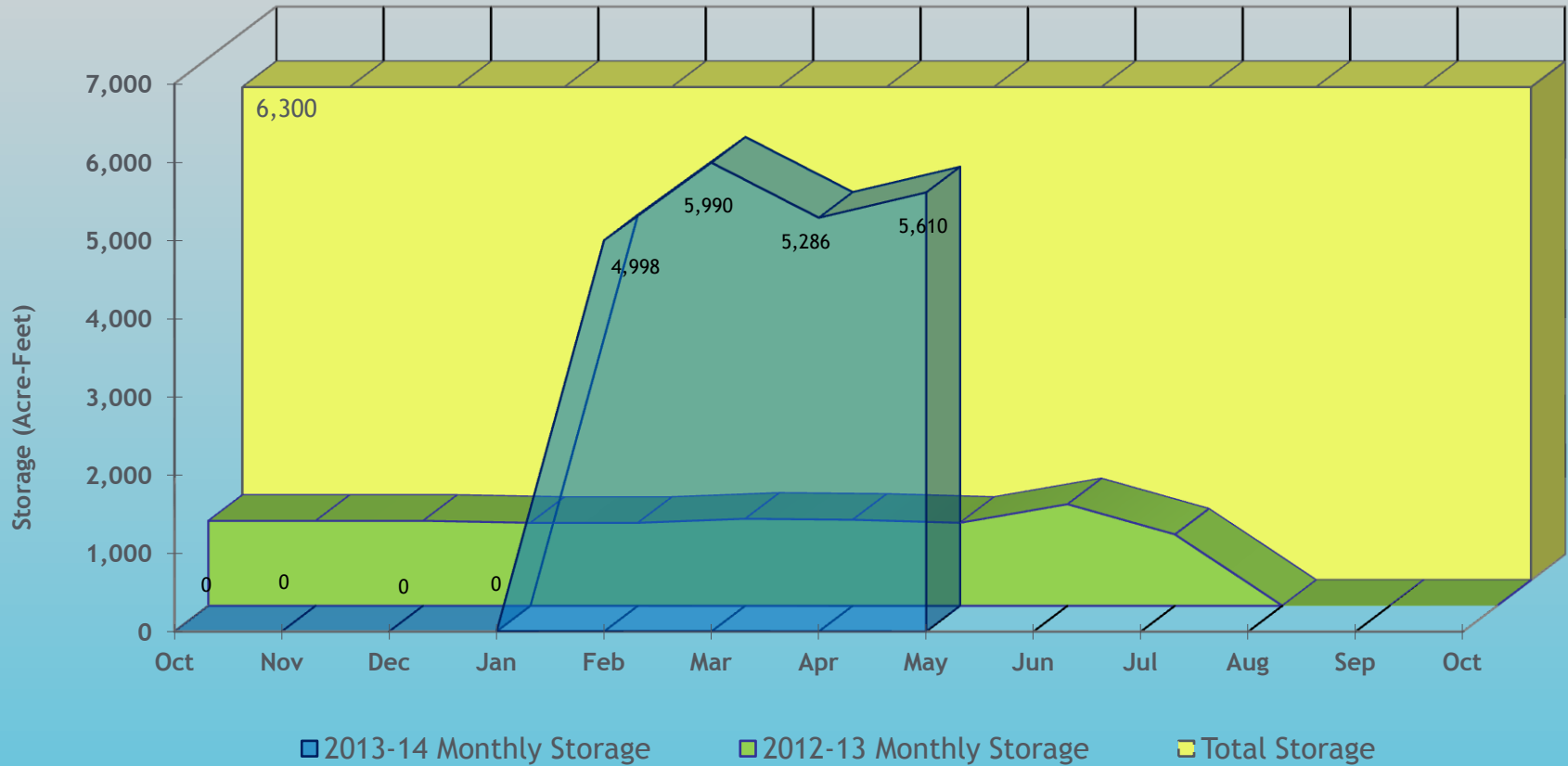
Boyd Lake (District 4, Big Thompson River - Agricultural)



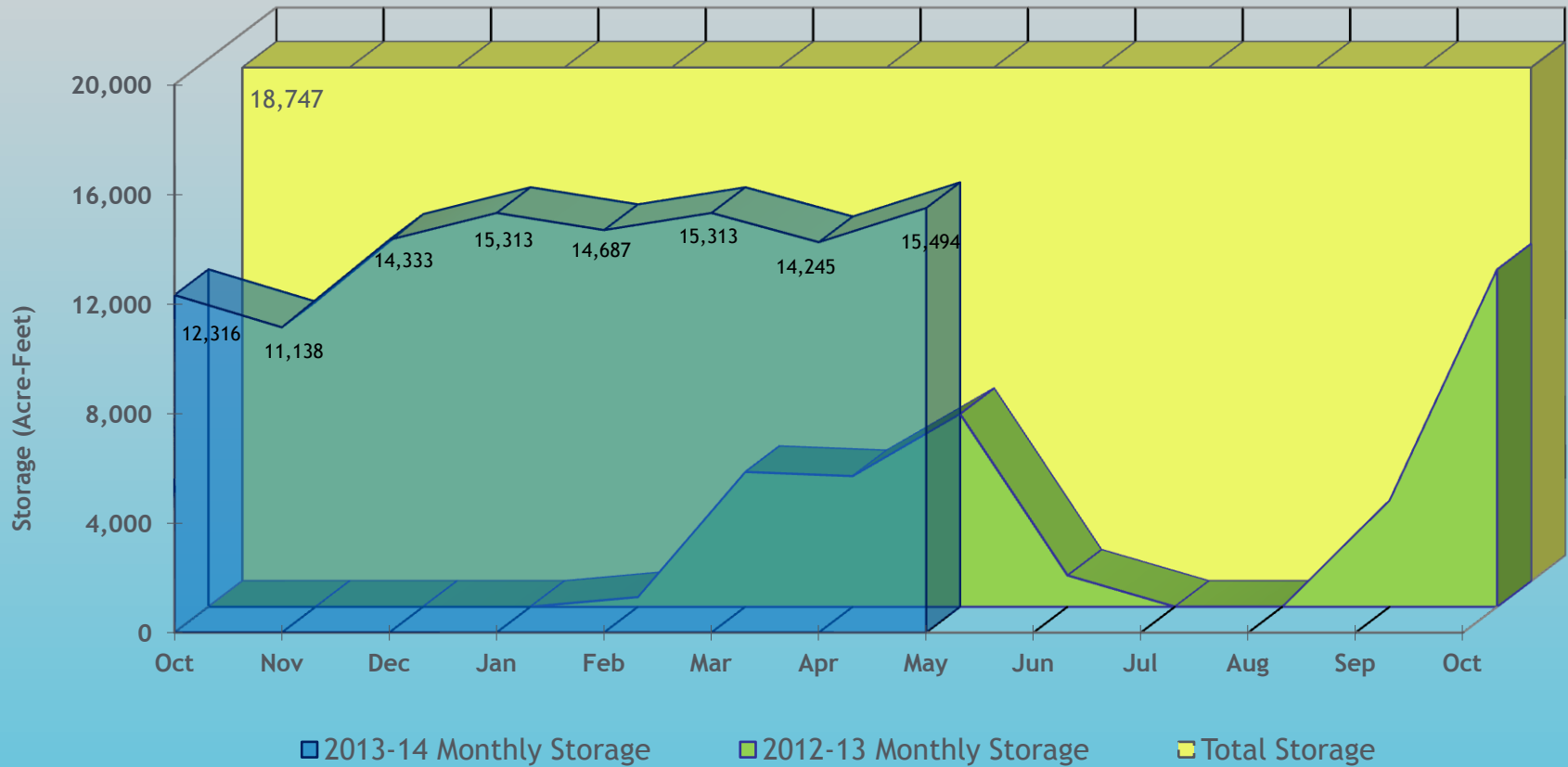
Windsor Reservoir (District 3, Poudre River - Agricultural)



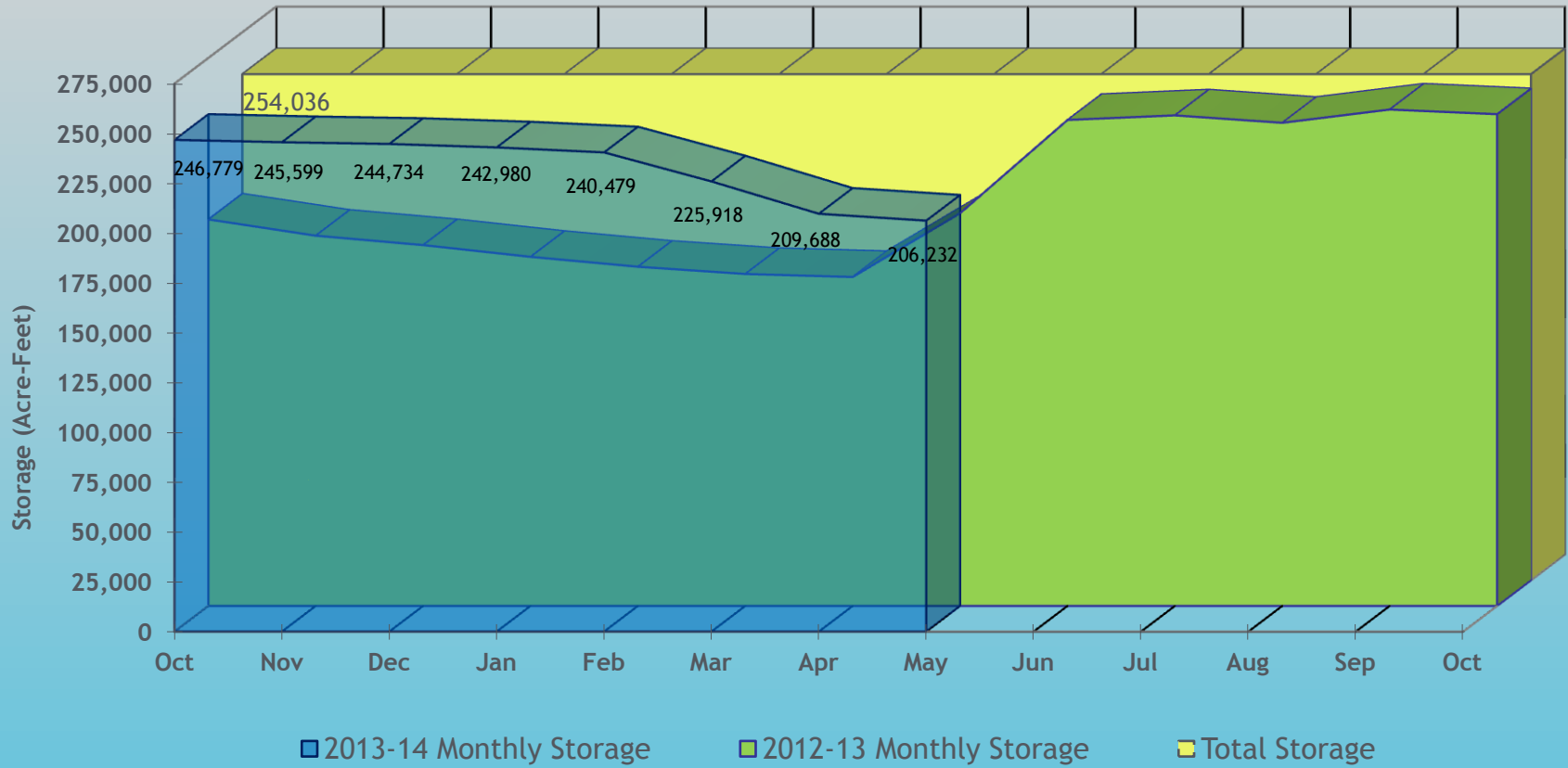
Prospect Reservoir (District 1 - Agricultural)



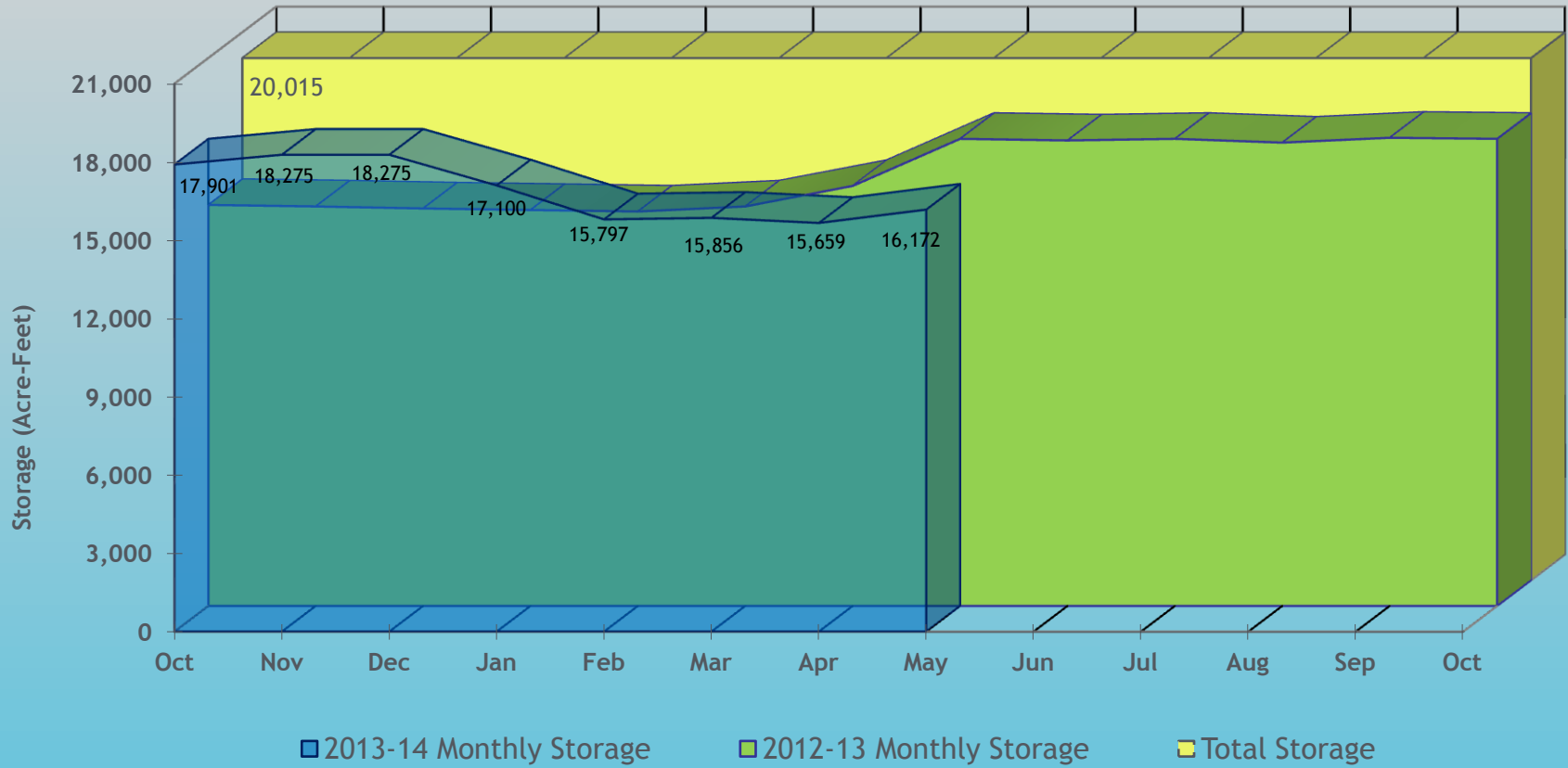
Horse Creek Reservoir (District 1 - Agricultural)



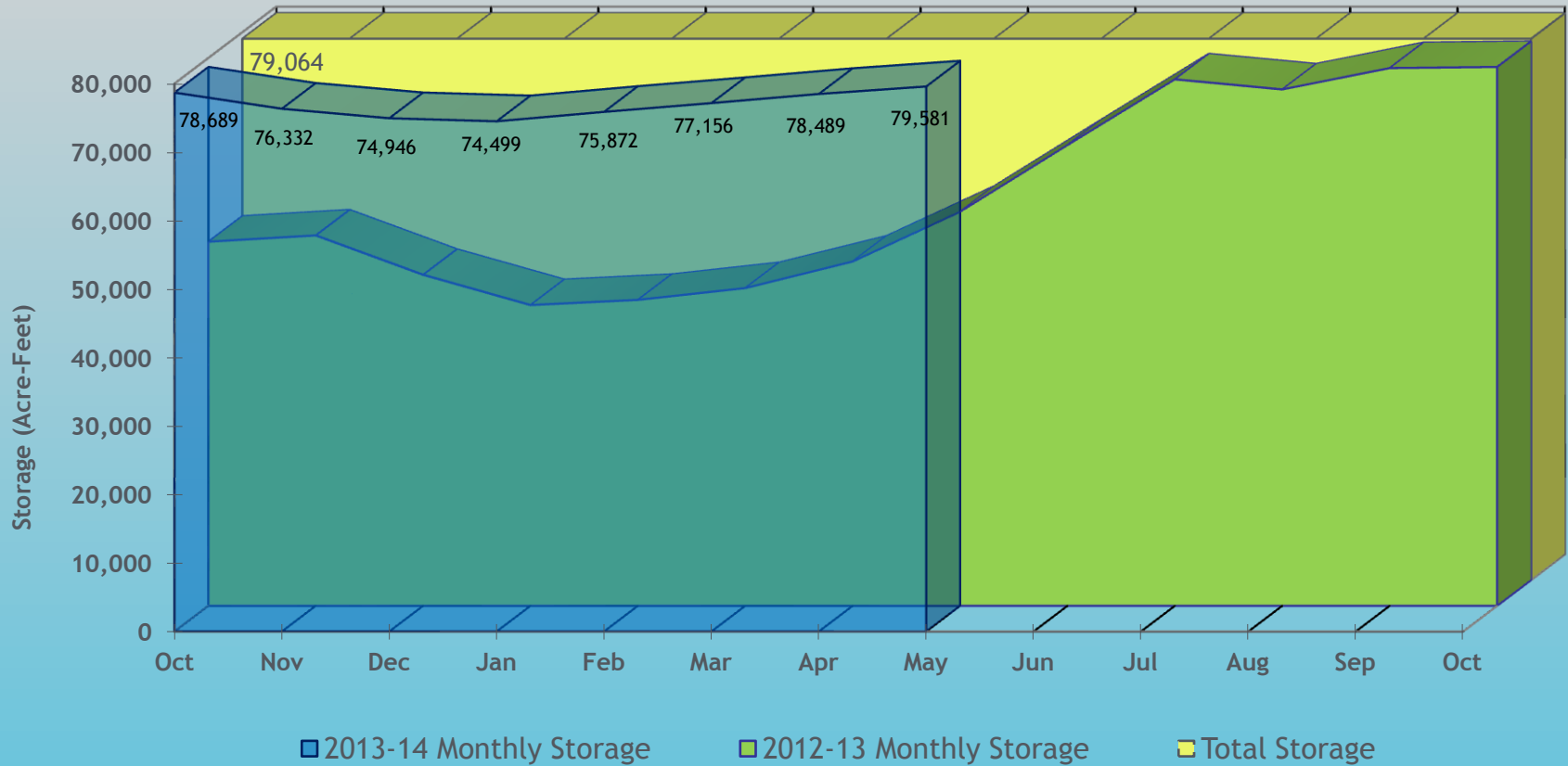
Dillon Reservoir (District 1 - Municipal)



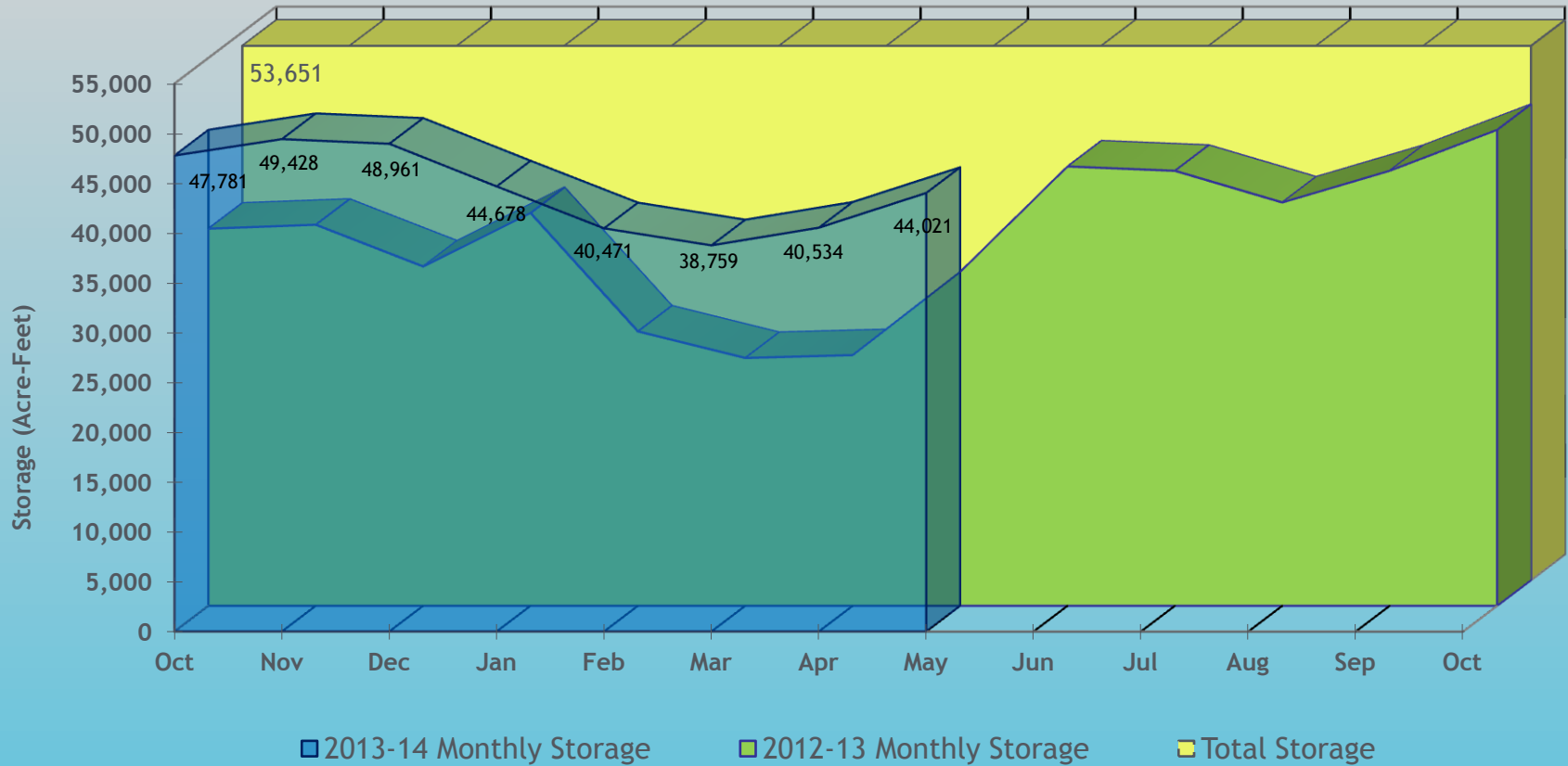
Antero Reservoir (District 23 - Municipal)



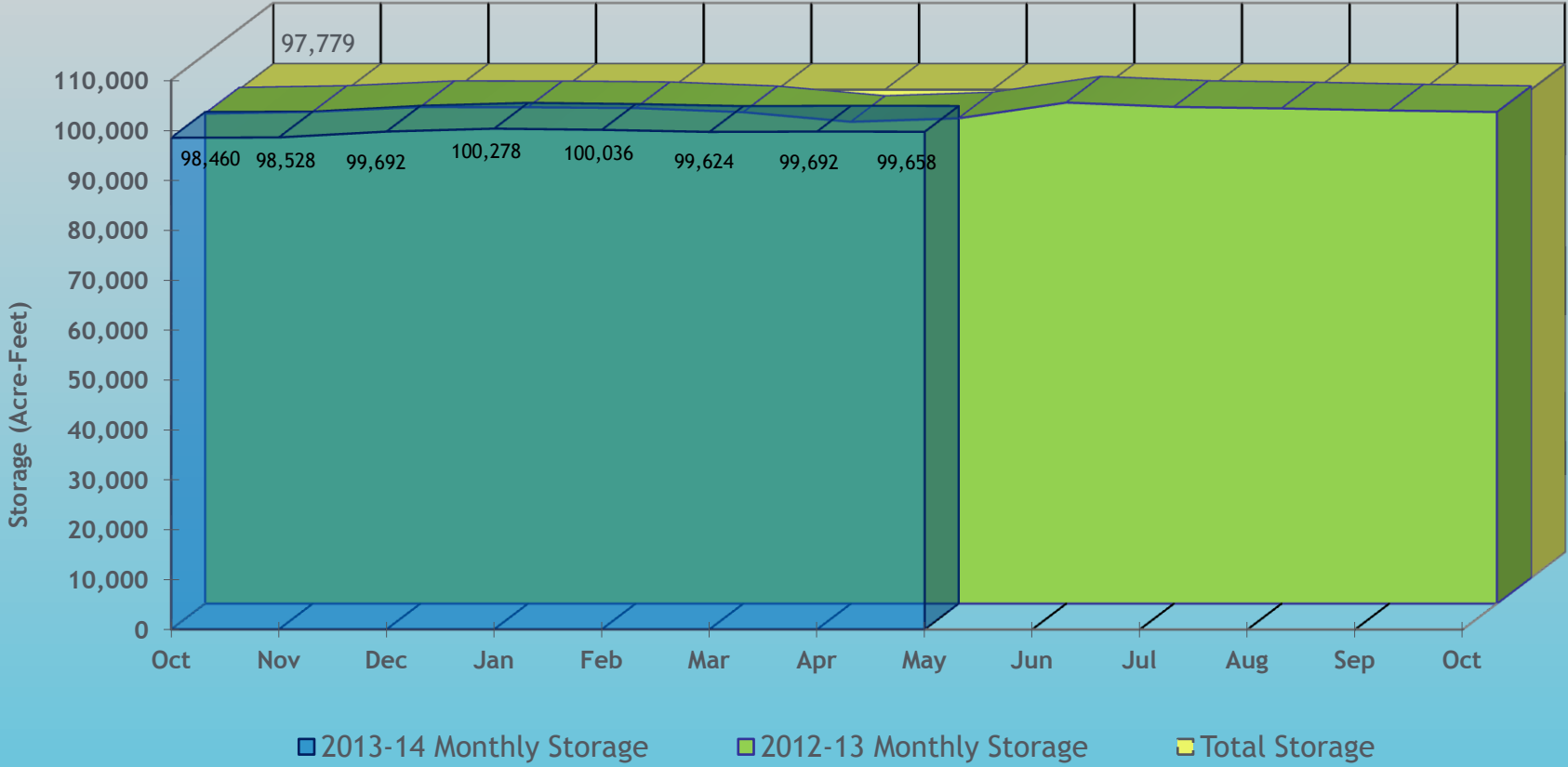
Cheesman Reservoir (District 80 - Municipal)



Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby

