



**COLORADO**  
Department of Natural Resources

## South Platte Summary September 2014

Compiled by Lee Cunning, P.E.

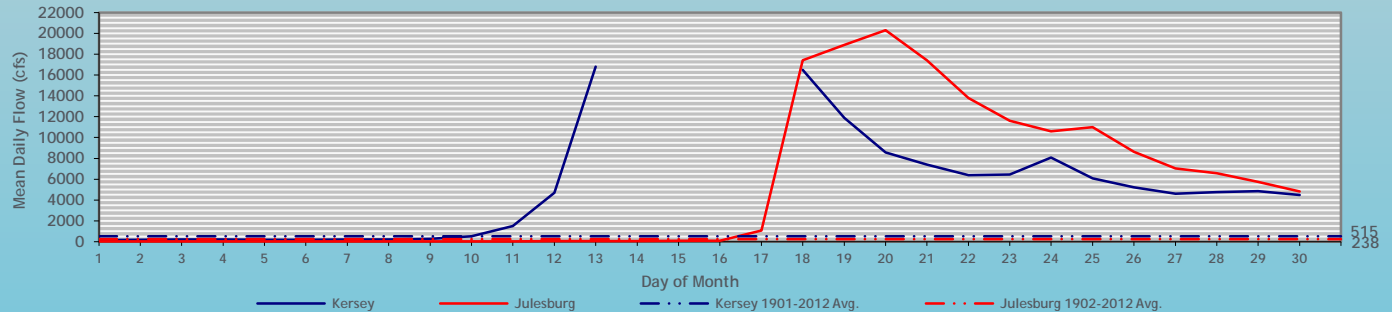
# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

## MONTH OF September 2014

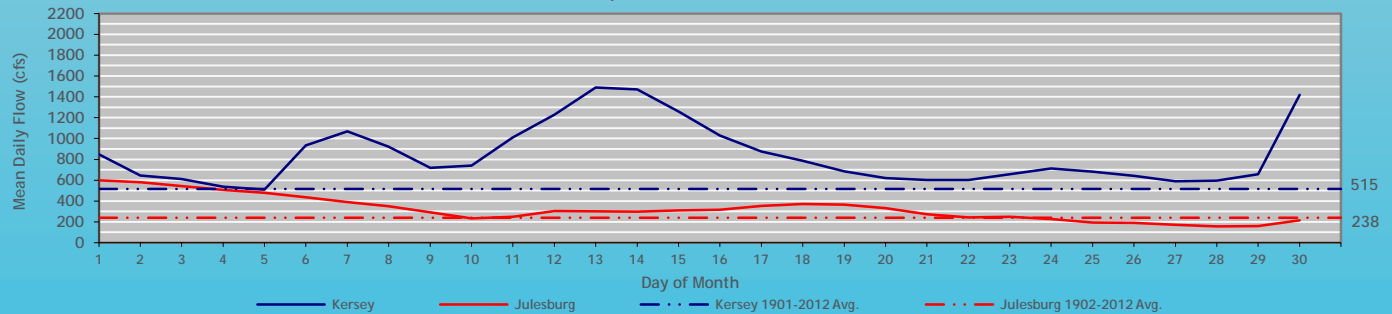
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	12,586	13,310	64	724	6%	59%	39%	0
N STERLING	73,730	39,916	44,498	64	4,582	11%	60%	6%	0
PREWITT	28,500	25,866	23,352	64	-2,514	-10%	82%	50%	0
JACKSON	27,257	24,073	23,022	1	-1,051	-4%	84%	11%	0
EMPIRE	37,700	29,231	23,725	1	-5,506	-19%	63%	4%	0
RIVERSIDE	63,113	35,756	38,765	1	3,009	8%	61%	15%	0
BARR LAKE	32,152	15,440	4,969	2	-10,471	-68%	15%	48%	0
CHEESMAN	79,064	76,624	76,872	80	248	0%	97%	99%	0
ELEVEN MILE	97,779	98,733	99,486	23	753	1%	100%	100%	1,707
SPINNEY	53,651	50,608	47,827	23	-2,781	-5%	89%	81%	0
ANTERO	20,015	15,600	15,679	23	79	1%	78%	90%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>838</b>
<b>JULESBURG</b>	<b>323</b>
THIS MONTH LAST YEAR	
<b>KERSEY</b>	<b>4641</b>
<b>JULESBURG</b>	<b>5186</b>
MEAN FOR PERIOD OF RECORD*	
<b>KERSEY</b>	<b>515</b>
<b>JULESBURG</b>	<b>238</b>
*Kersey 1901 - 2013	
*Julesburg 1902 - 2013	

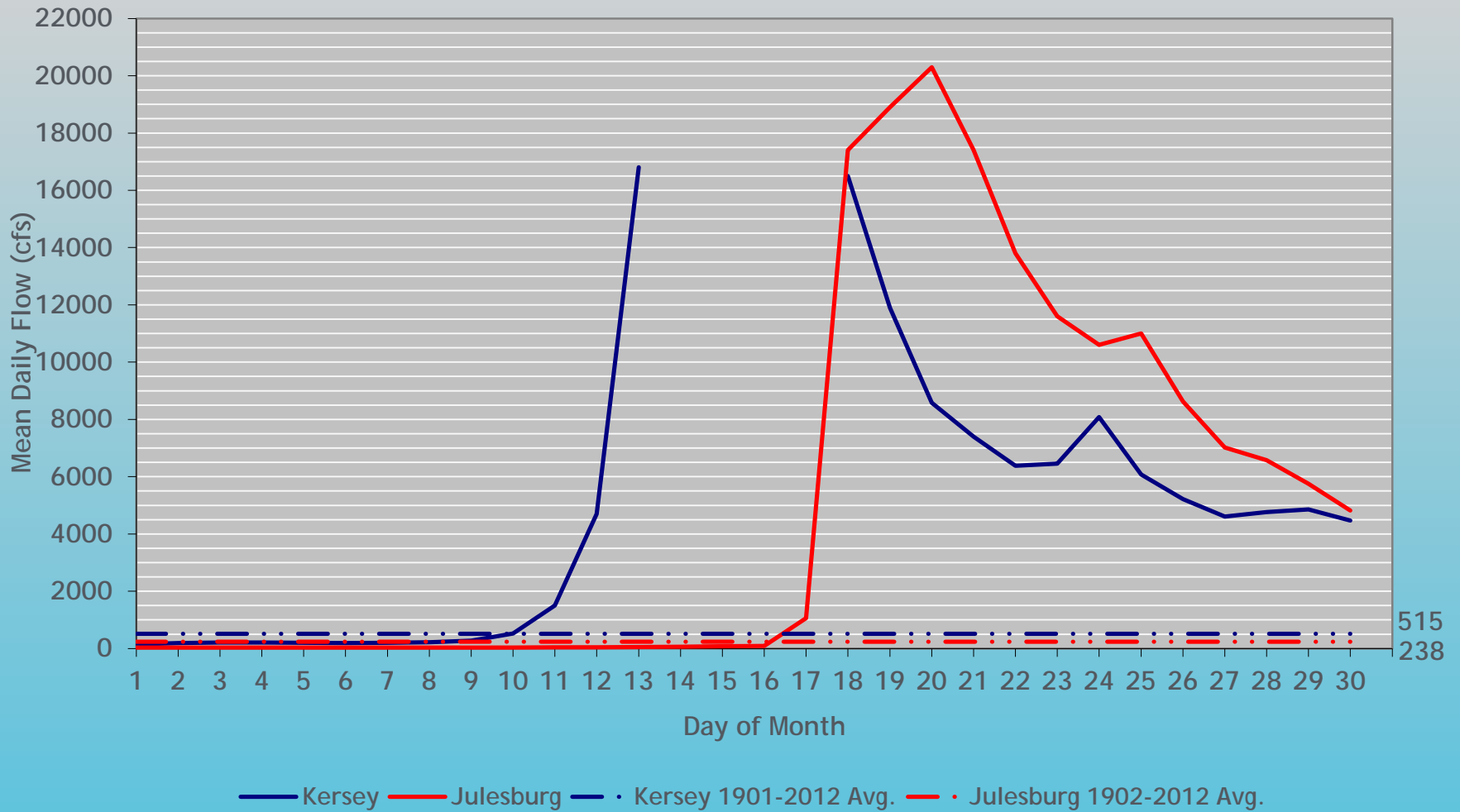
KERSEY and JULESBURG  
September 2013



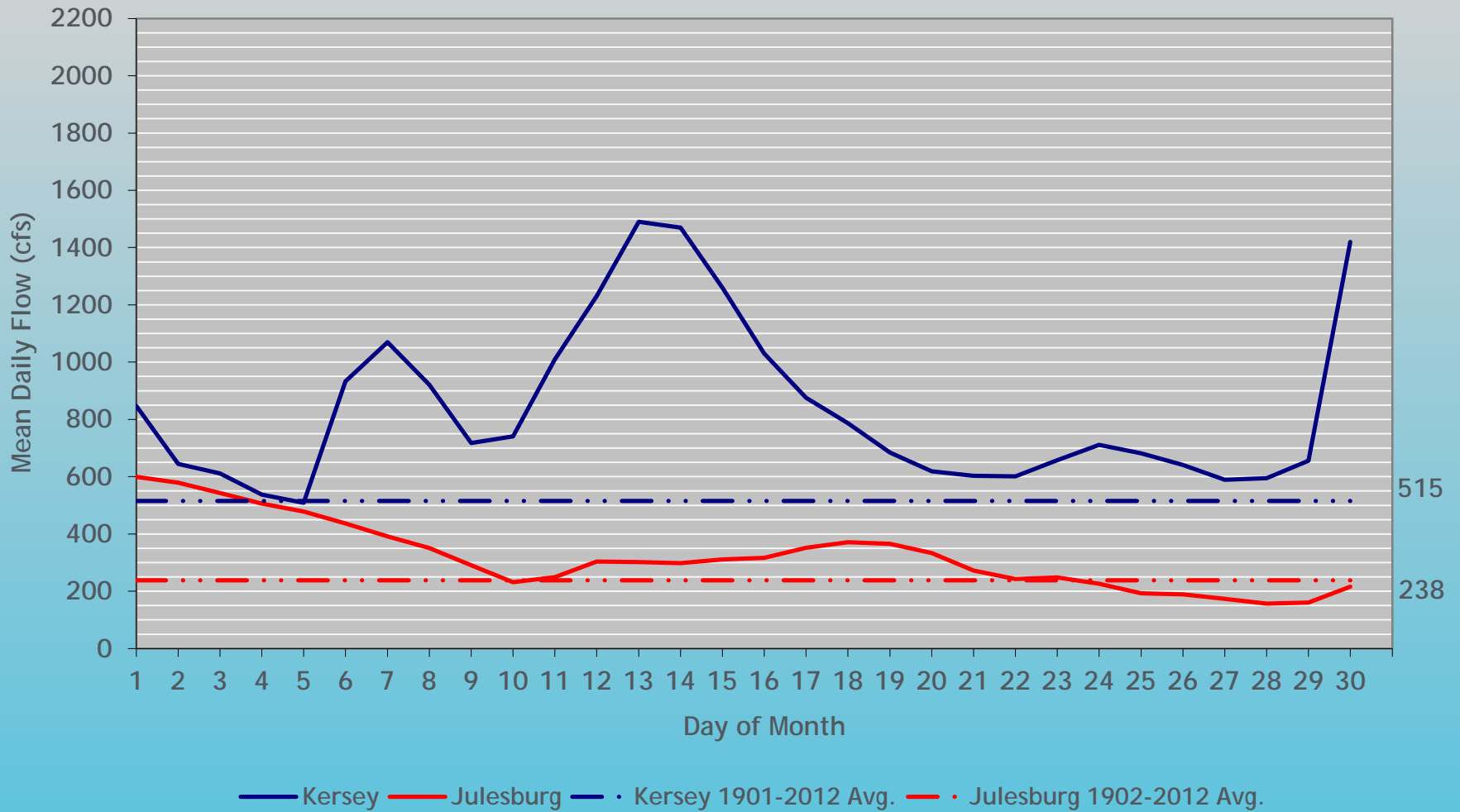
KERSEY and JULESBURG  
September 2014



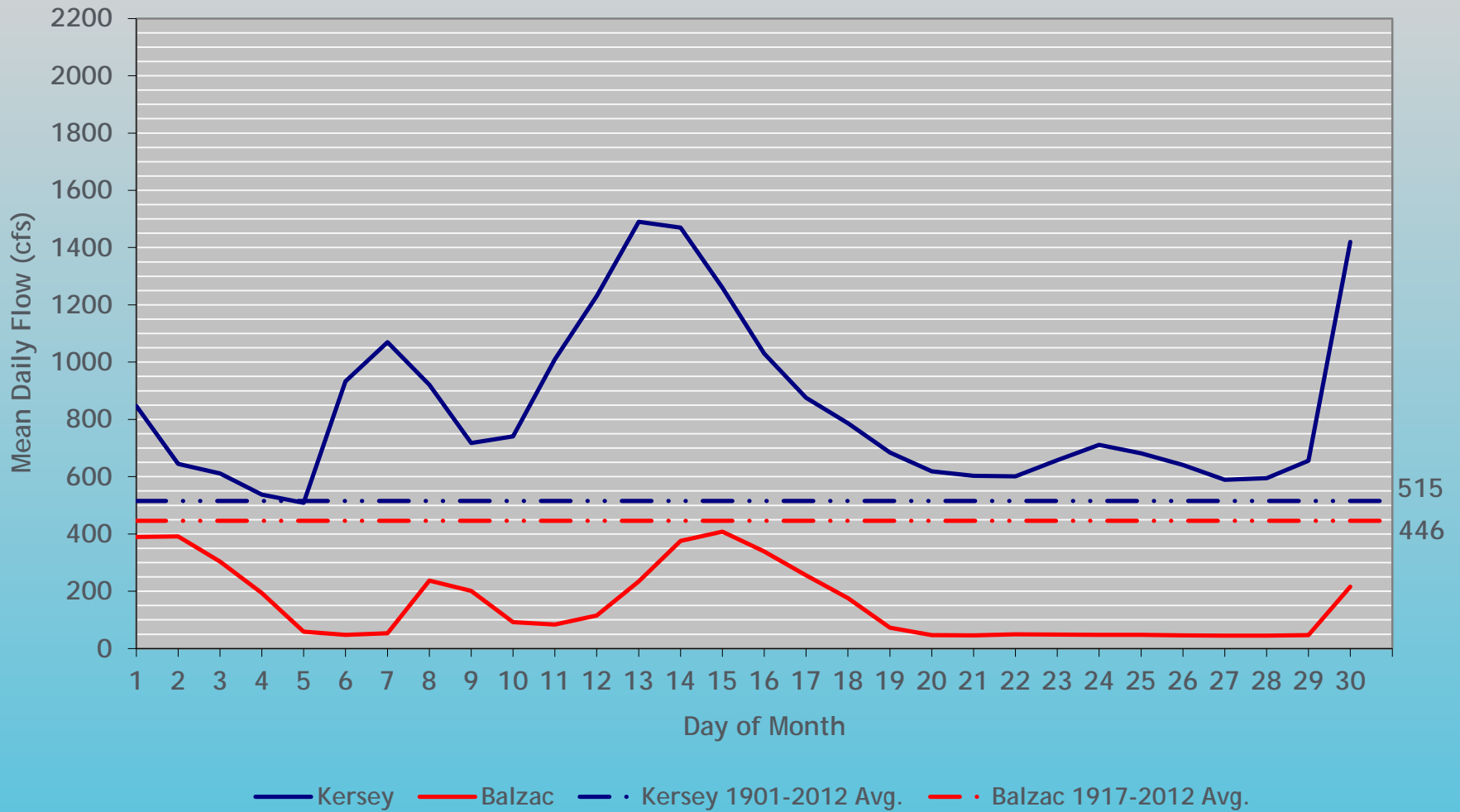
# KERSEY and JULESBURG September 2013



# KERSEY and JULESBURG September 2014



# KERSEY and BALZAC September 2014



## South Platte River Monthly Stream Flow (cfs) Statistics

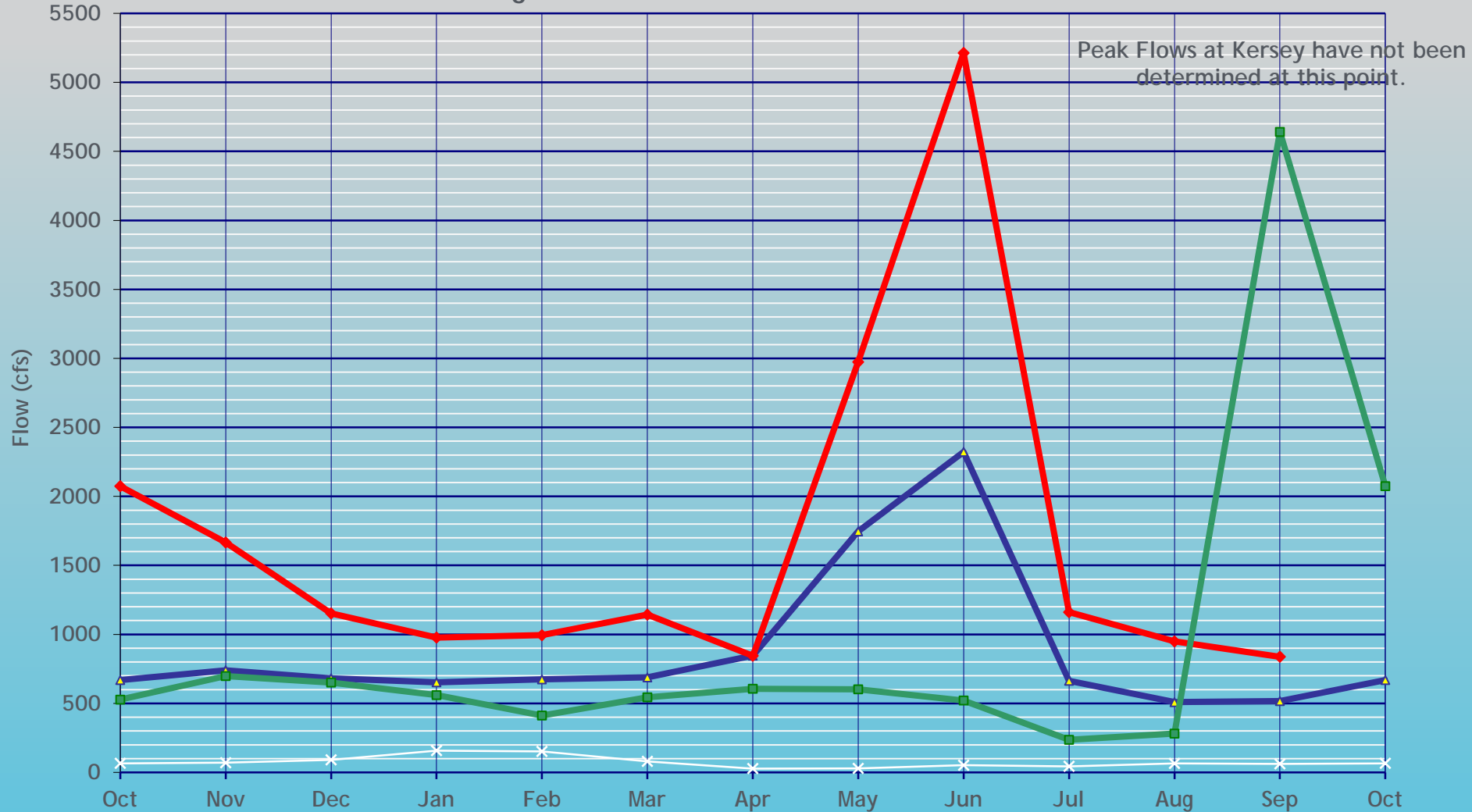
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2014 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2014 Mean Monthly Flow
Oct	669	6180	1984	66	1954	2074	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	5213	Jun	1430	30800	1921	2.0	1910	4607
Jul	664	12600	1983	44	1955	1161	Jul	295	12600	1983	0.0	1903	379
Aug	509	9690	1951	65	1934	949	Aug	180	8920	1968	0.0	1903	684
Sep	517	14200	1938	62	1940	838	Sep	239	7130	1938	2.0	1902	323
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

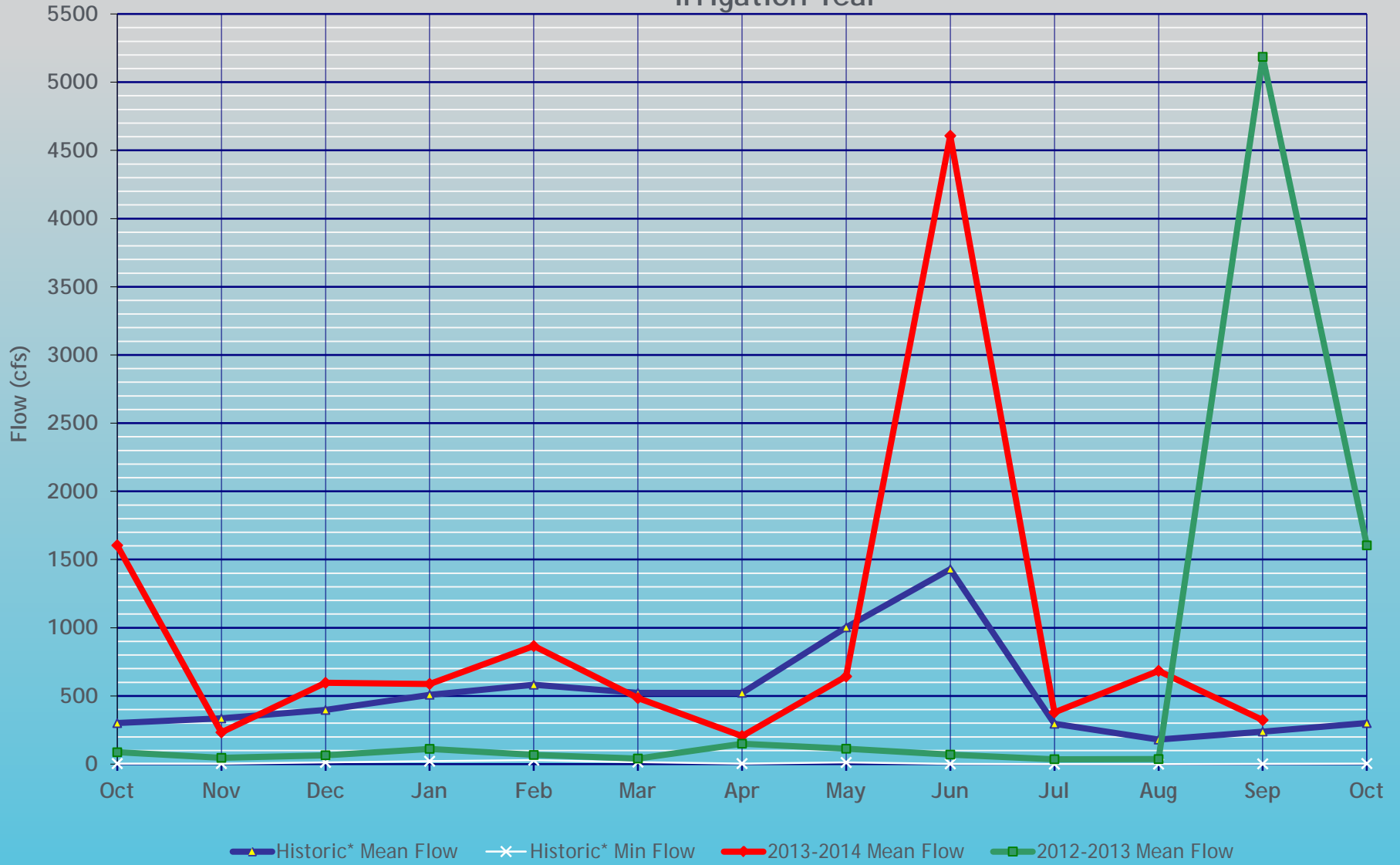


Historic\* Mean Flow    Historic\* Min Flow    2013-2014 Mean Flow    2012-2013 Mean Flow

\*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

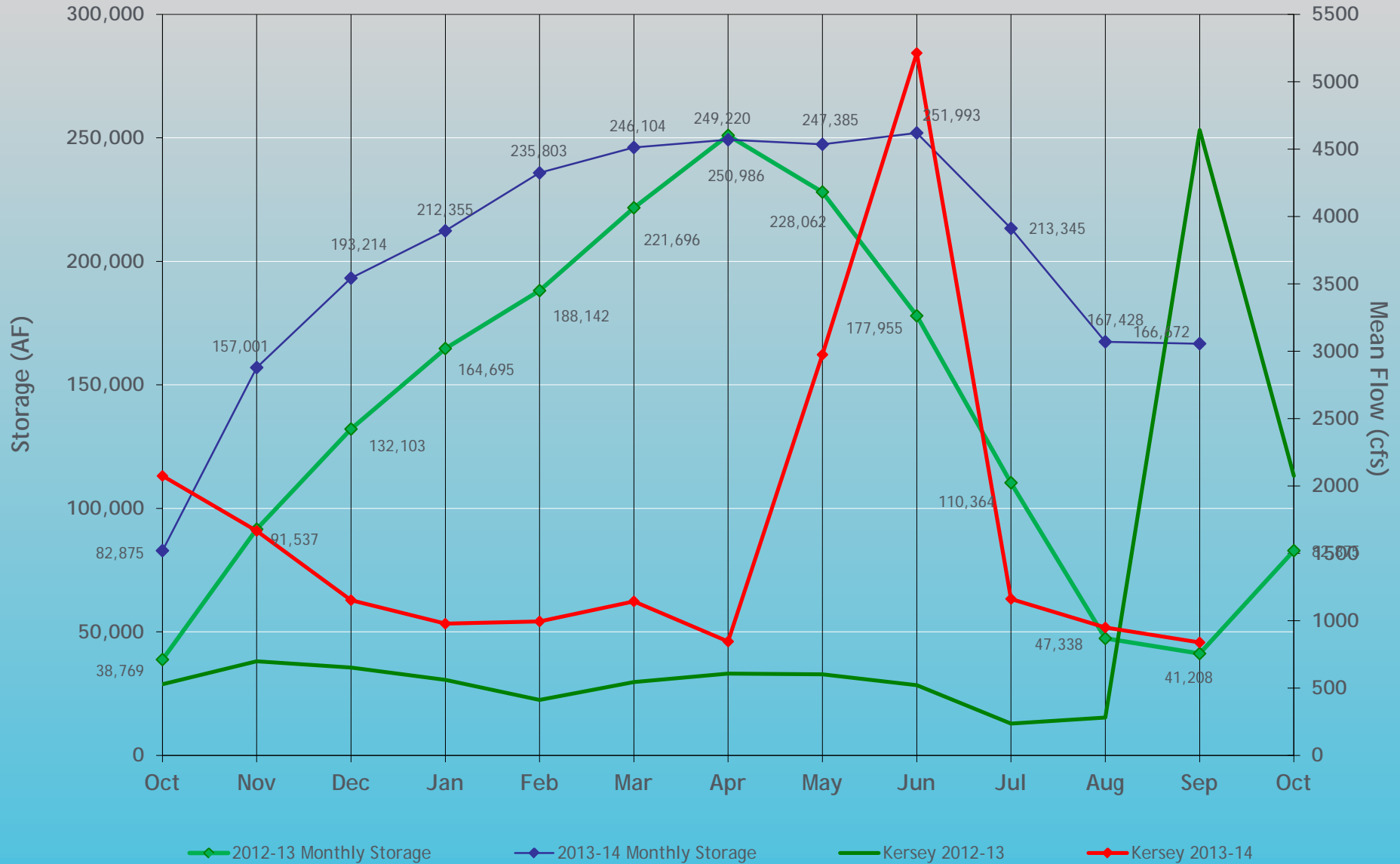




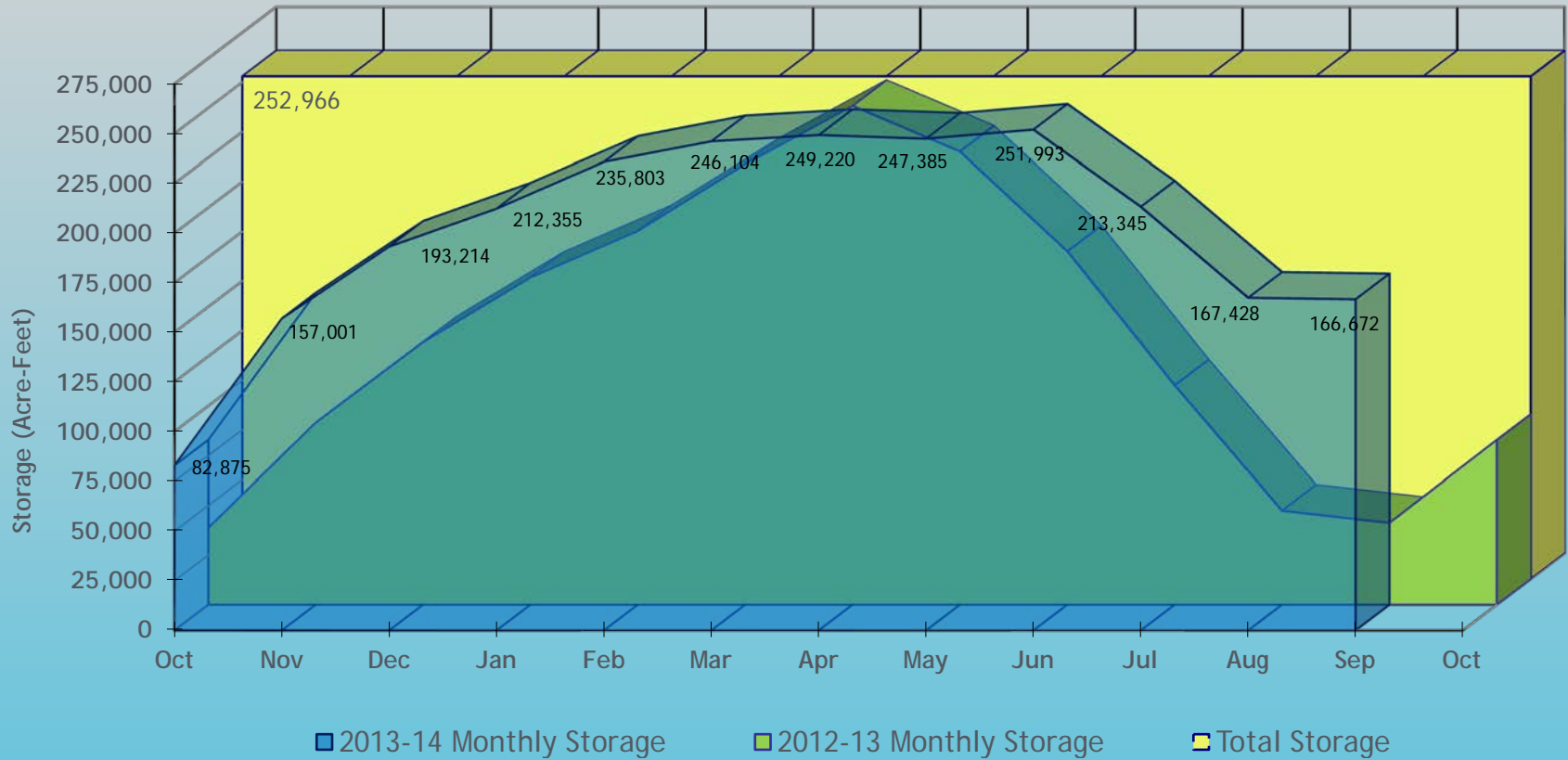
# Reservoir Storage below Kersey

Selected Reservoirs\*

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

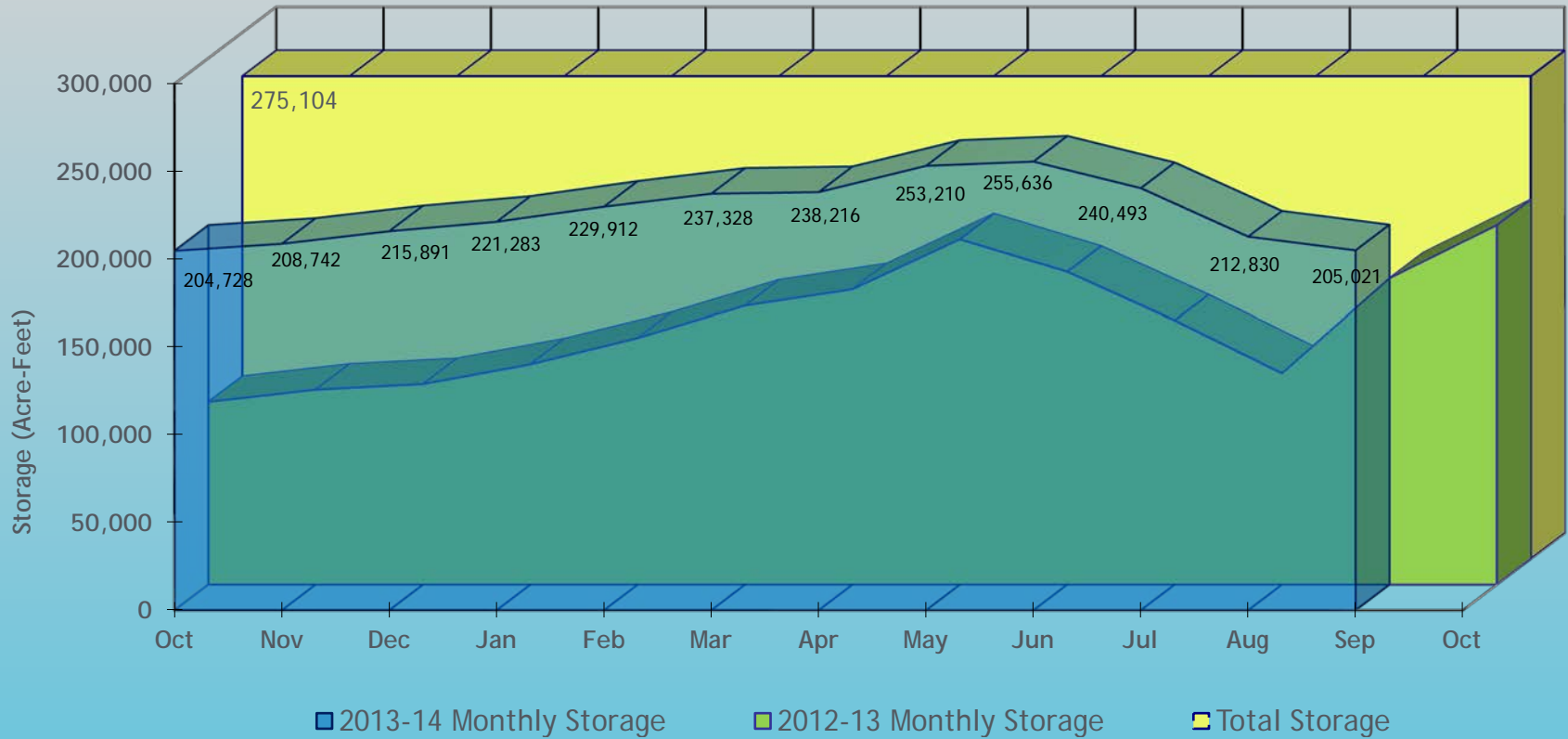


# South Platte Reservoir Storage below Kersey\*



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

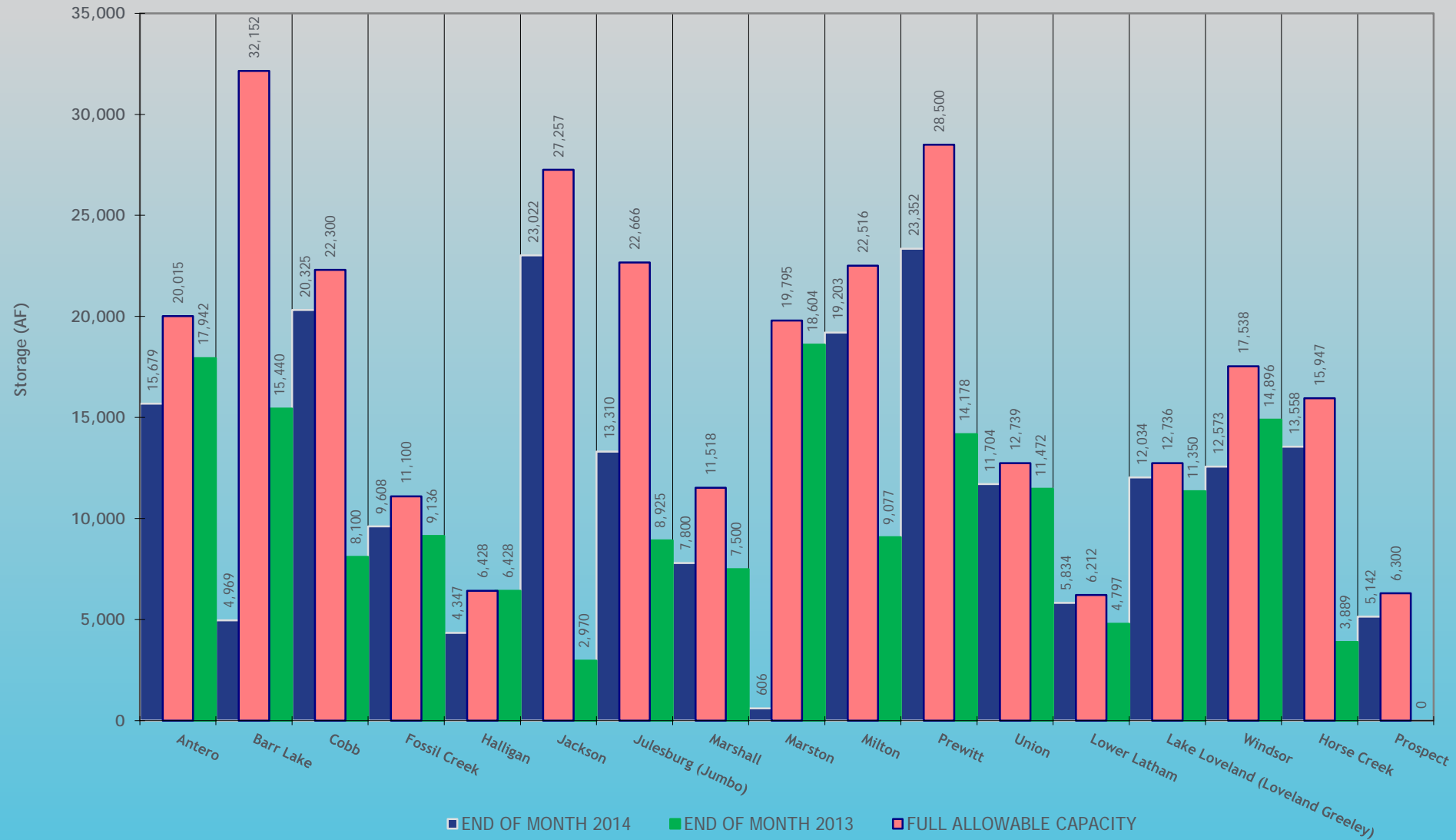
# South Platte Reservoir Storage above Kersey\*



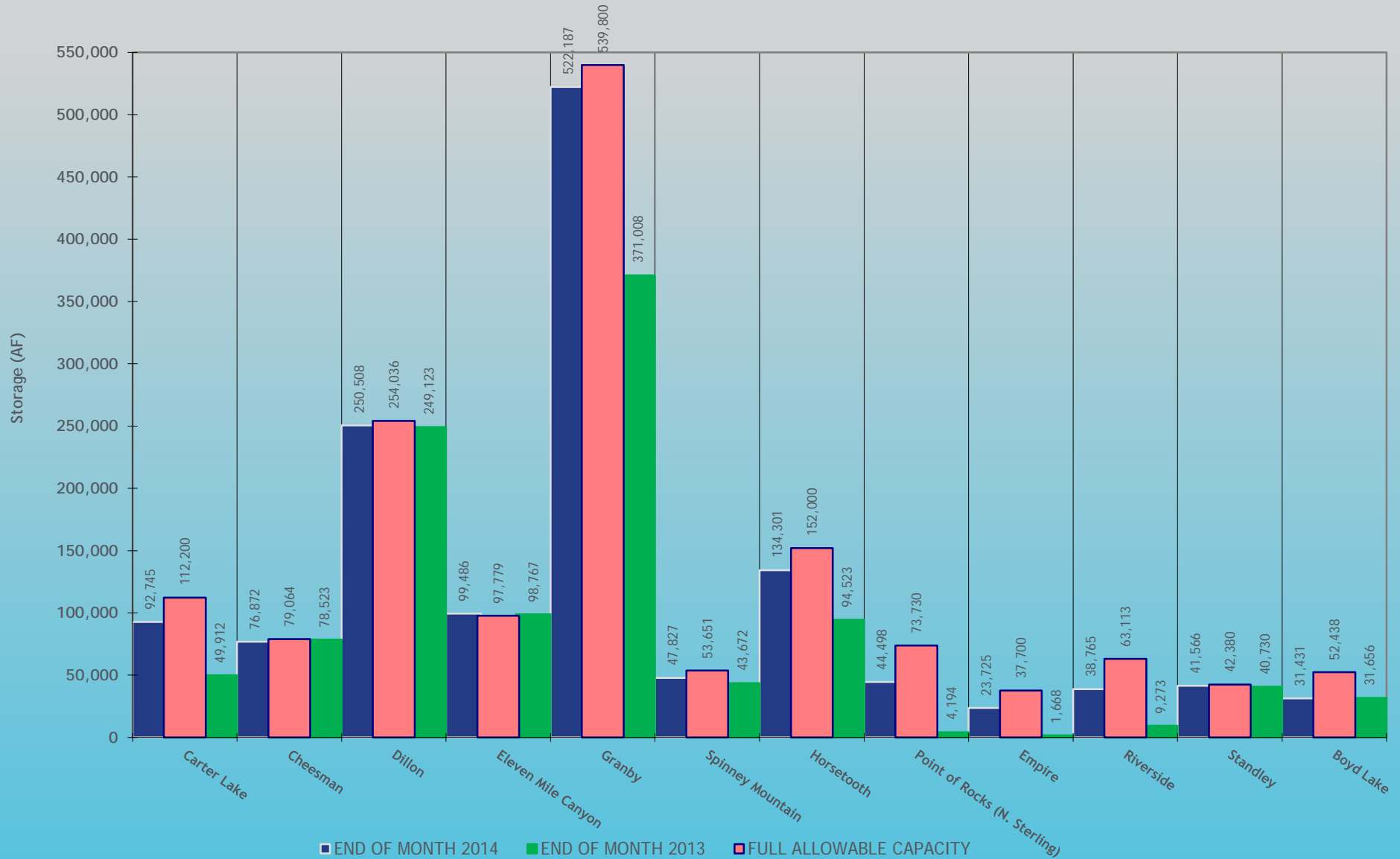
\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



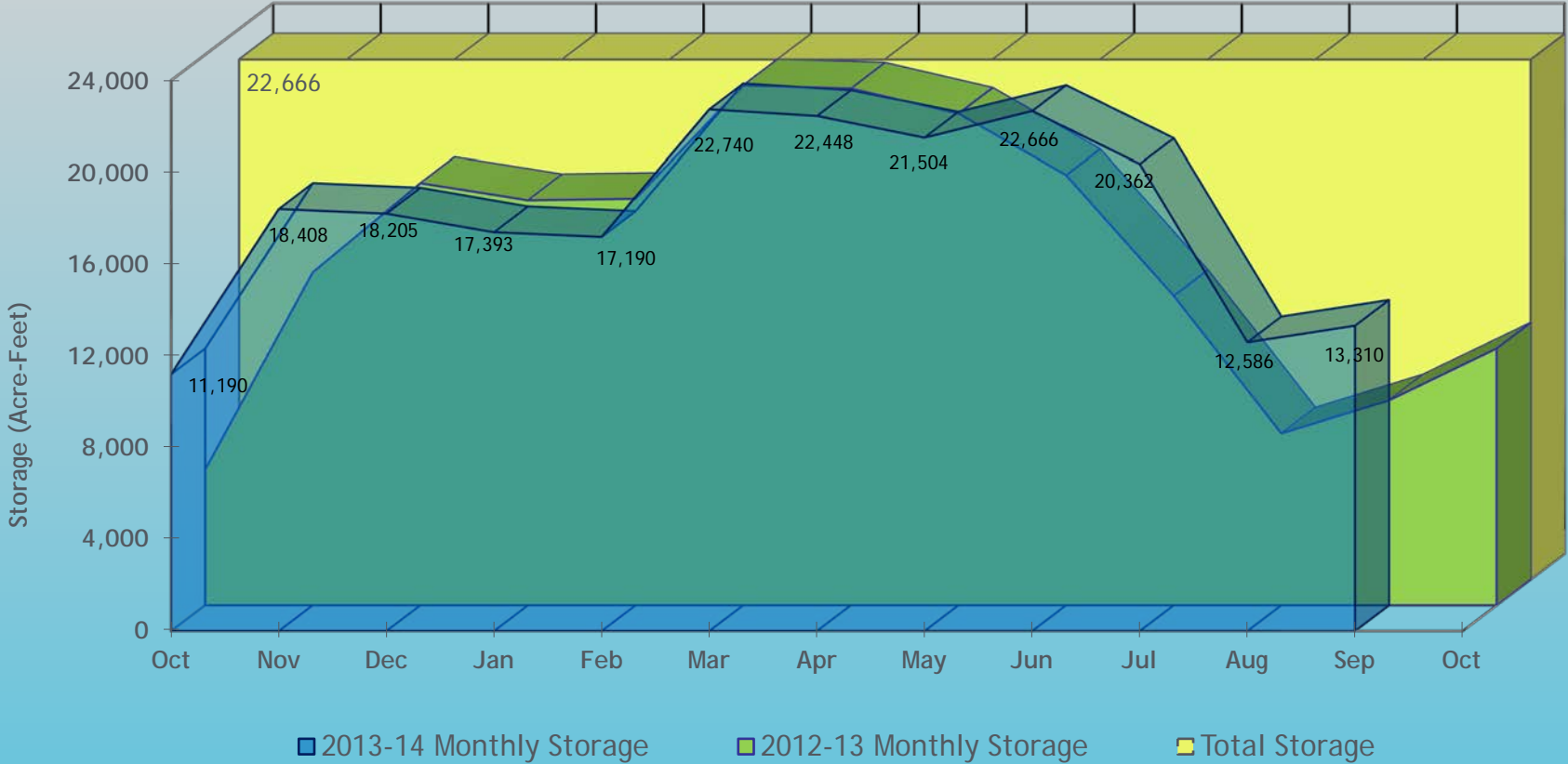
# September Reservoir Change in Storage 2013 versus 2014



# September Reservoir Change in Storage 2013 versus 2014

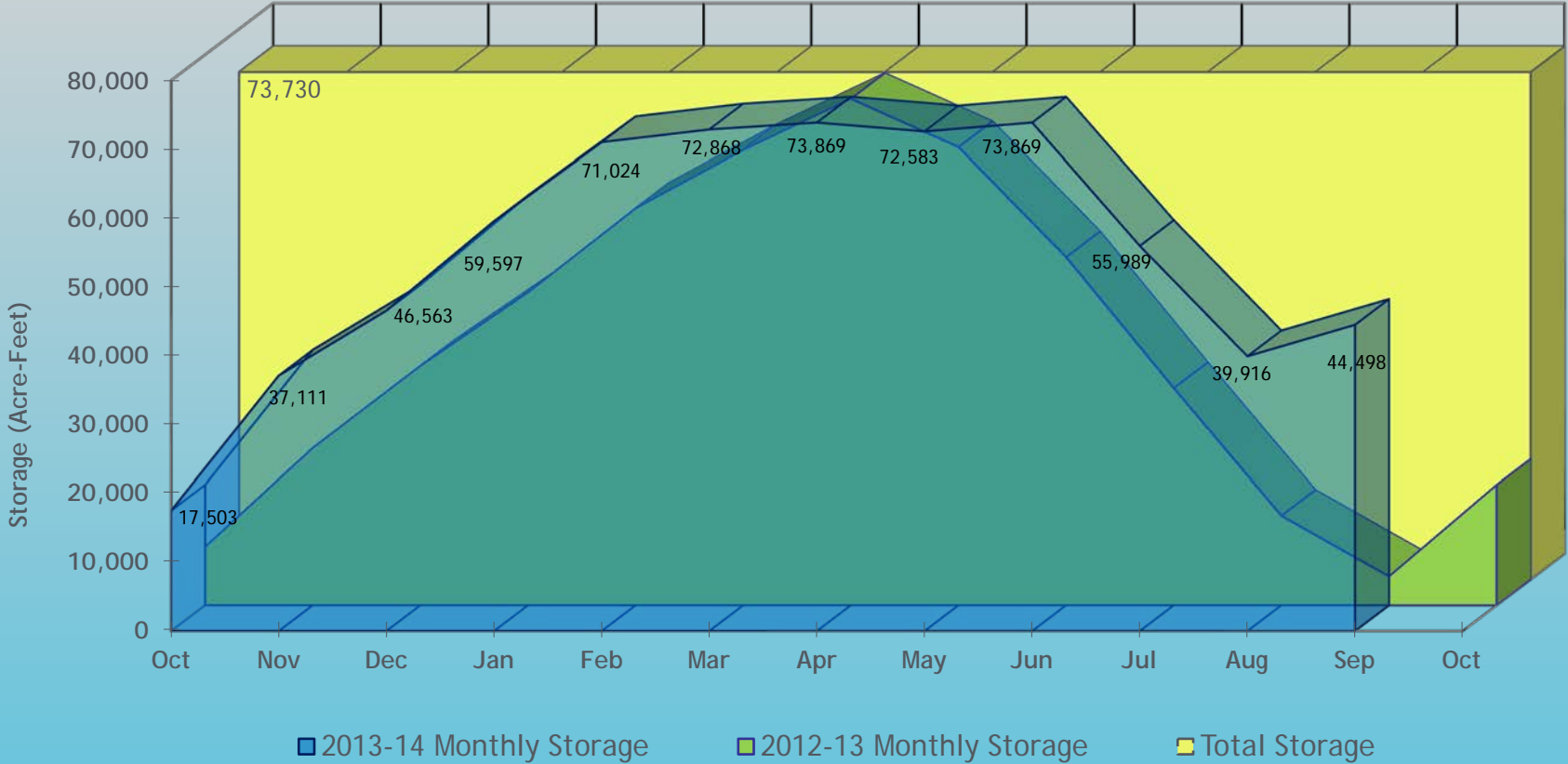


# Julesburg Reservoir (District 64 - Agricultural)

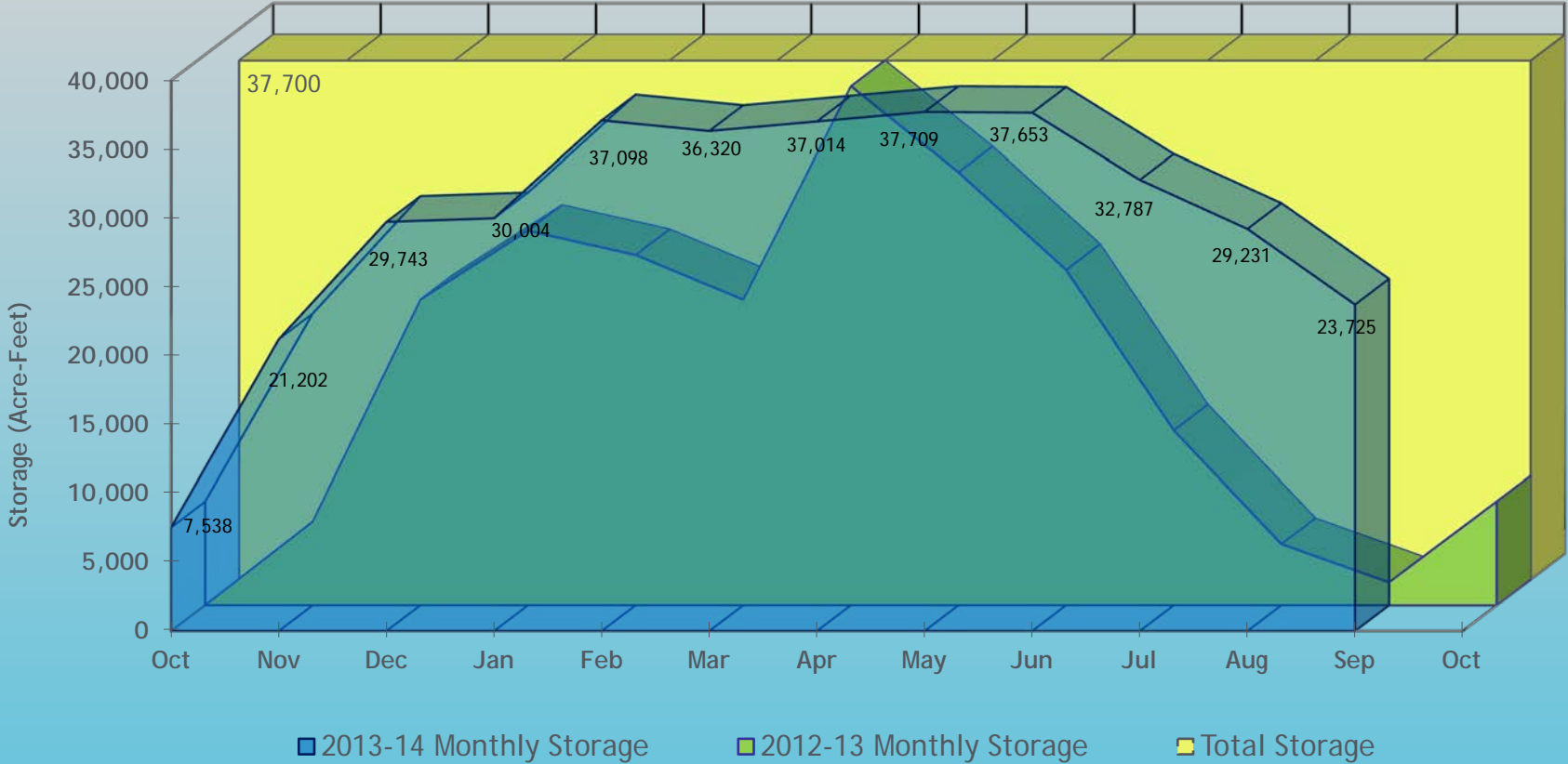




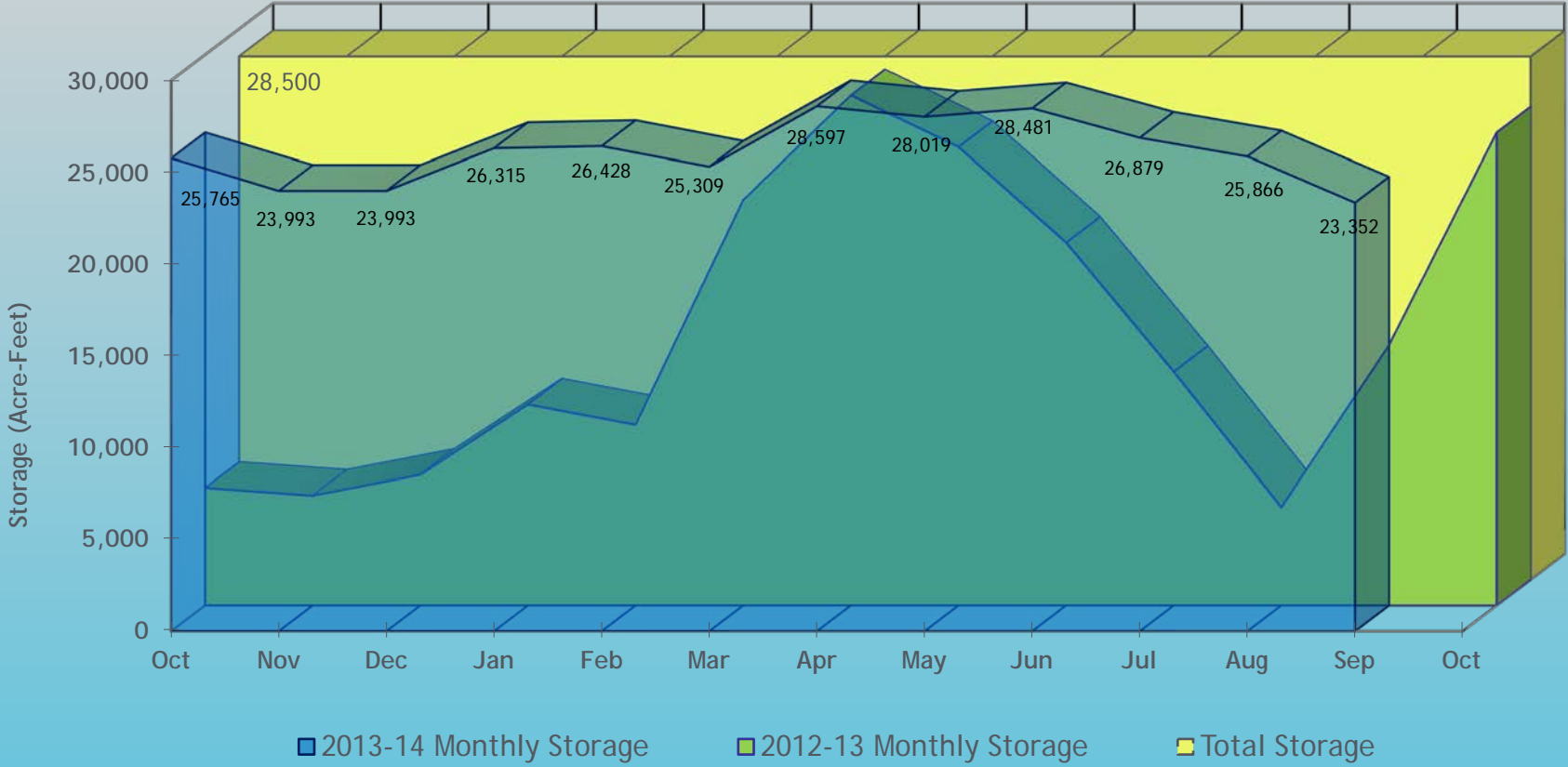
# North Sterling Reservoir (District 64 - Agricultural)



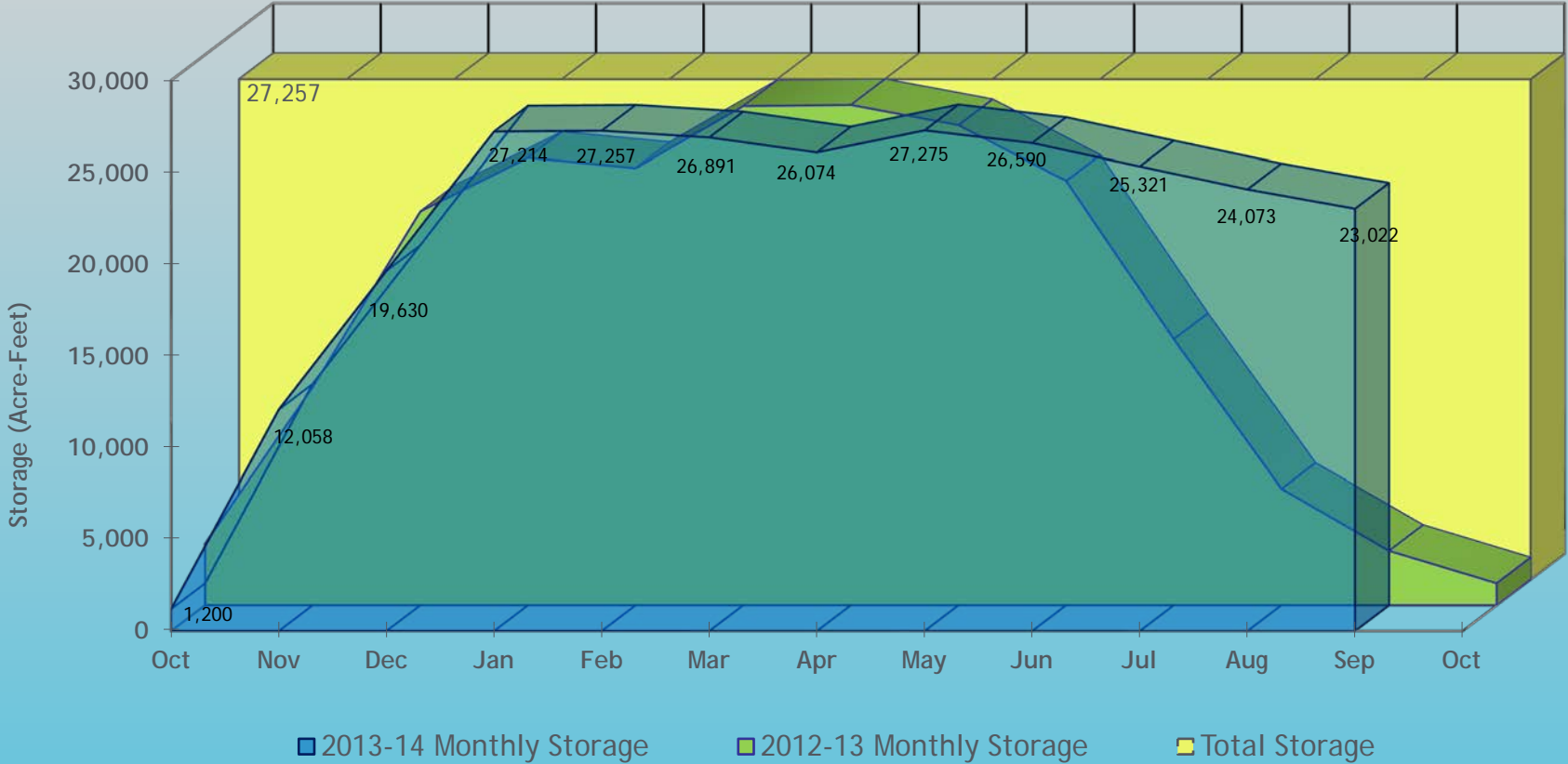
# Empire Reservoir (District 1 - Agricultural)



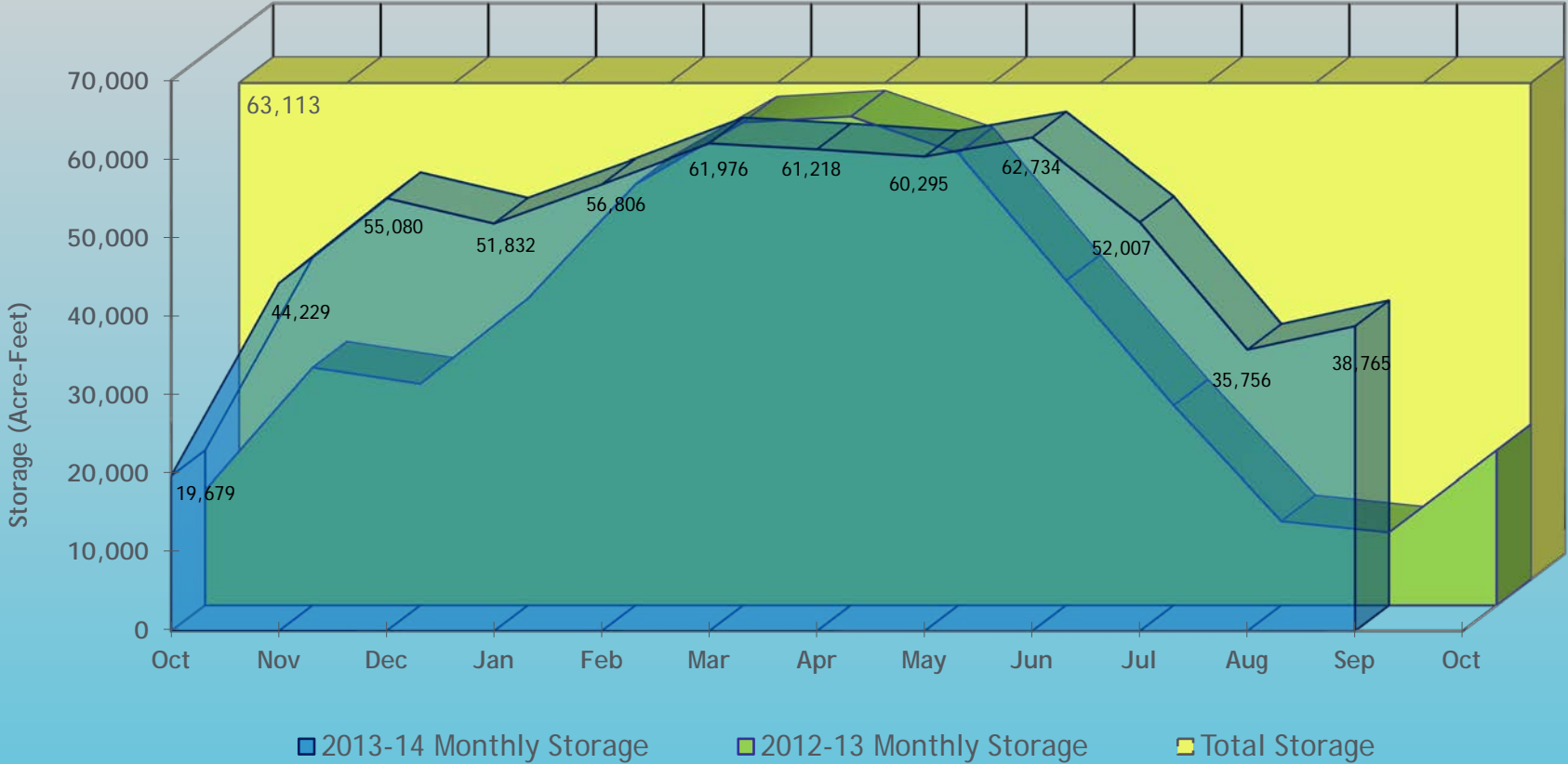
# Prewitt Reservoir (District 64 - Agricultural)



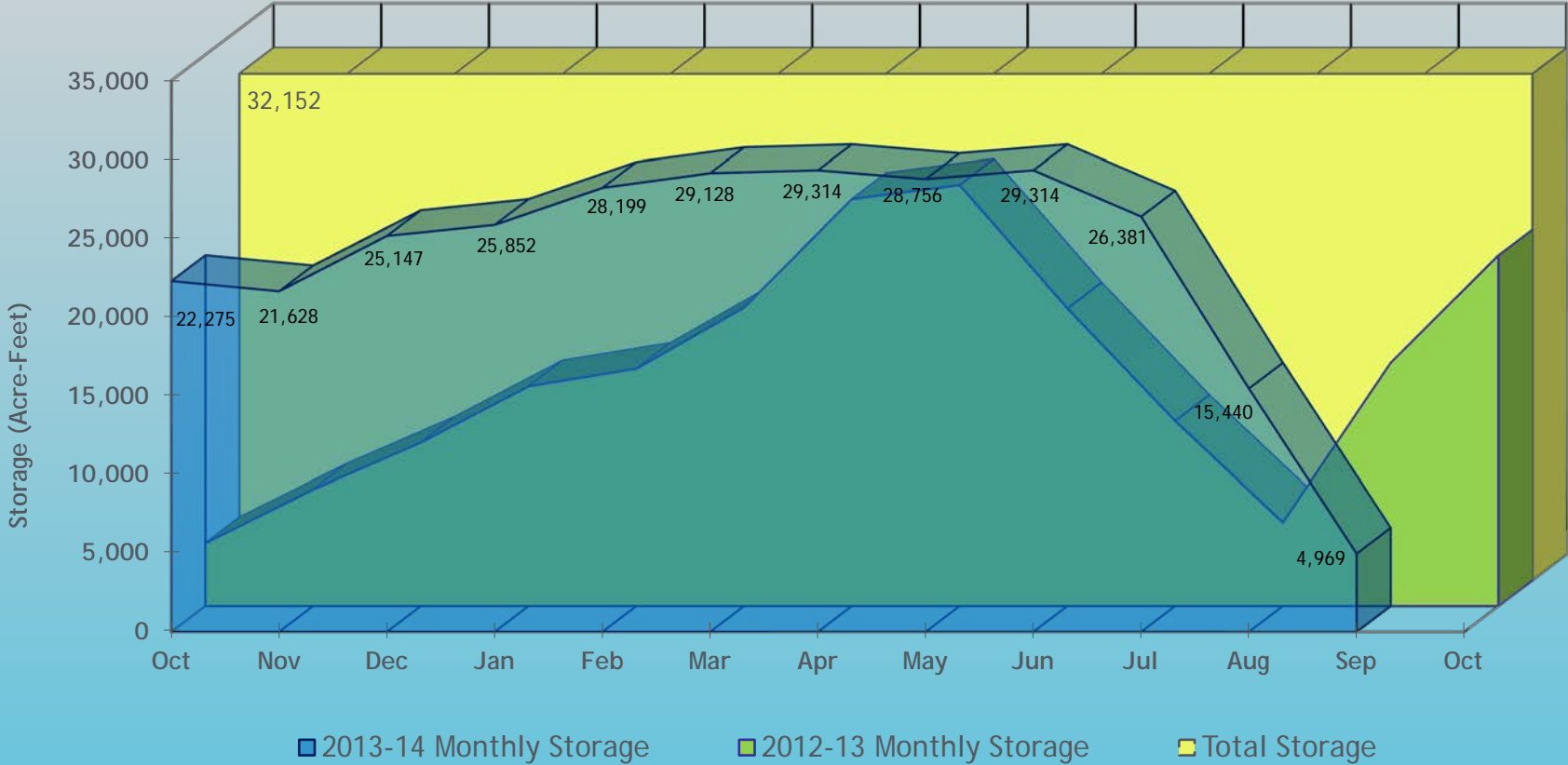
# Jackson Reservoir (District 1 - Agricultural)



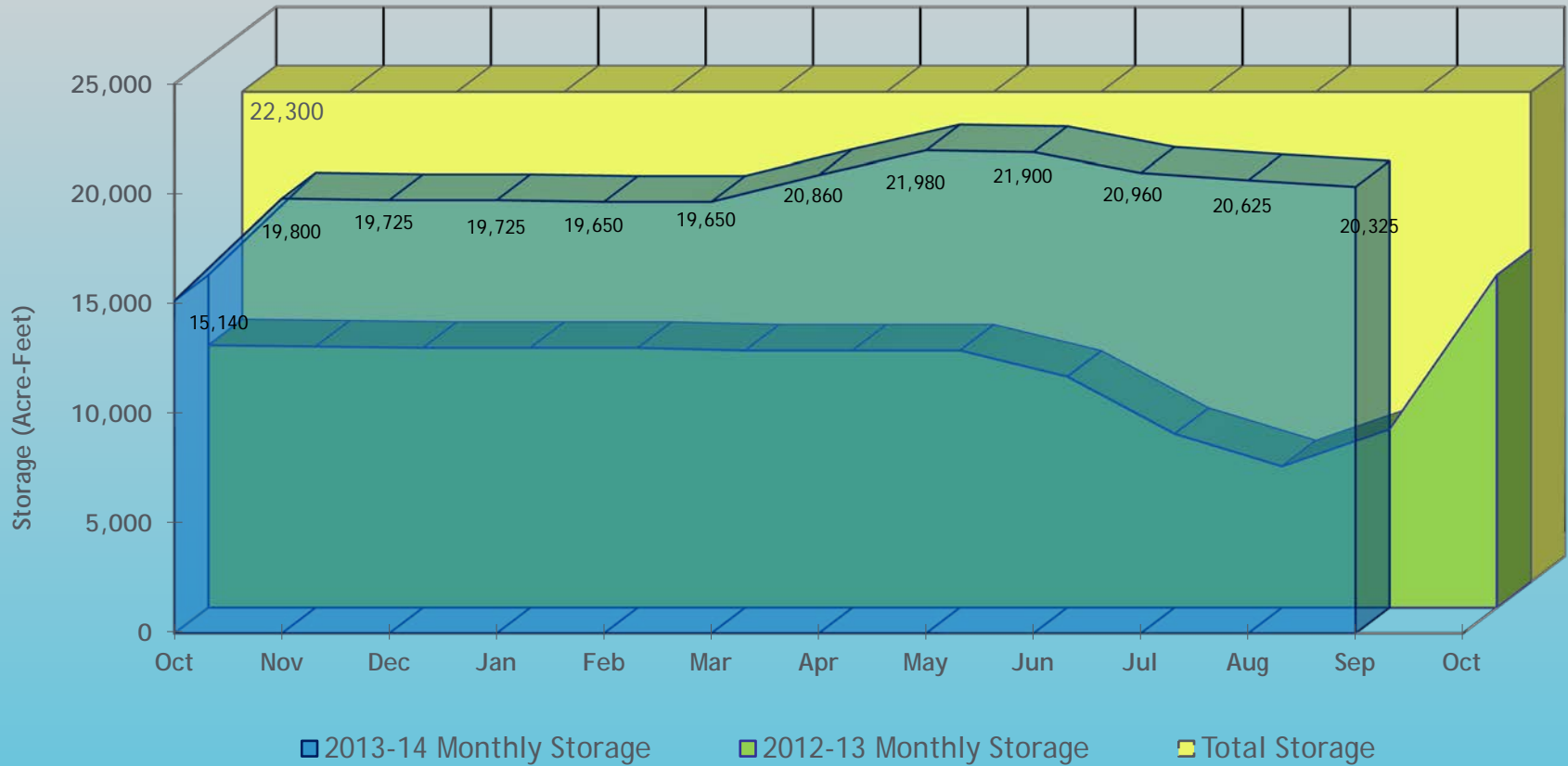
# Riverside Reservoir (District 1 - Agricultural)



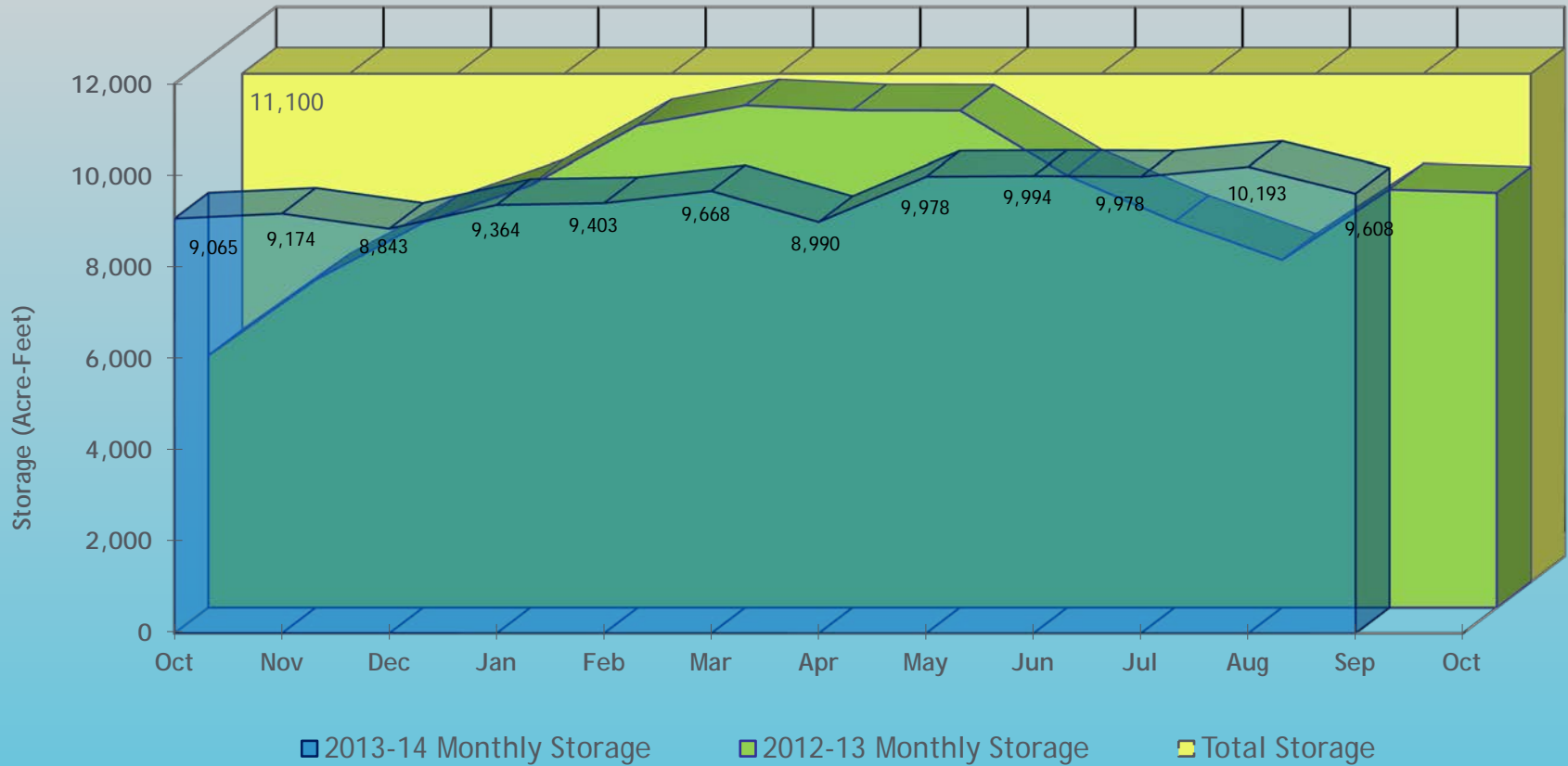
# Barr Reservoir (District 2 - Agricultural)



# Cobb Reservoir (District 3, Poudre River - Agricultural)

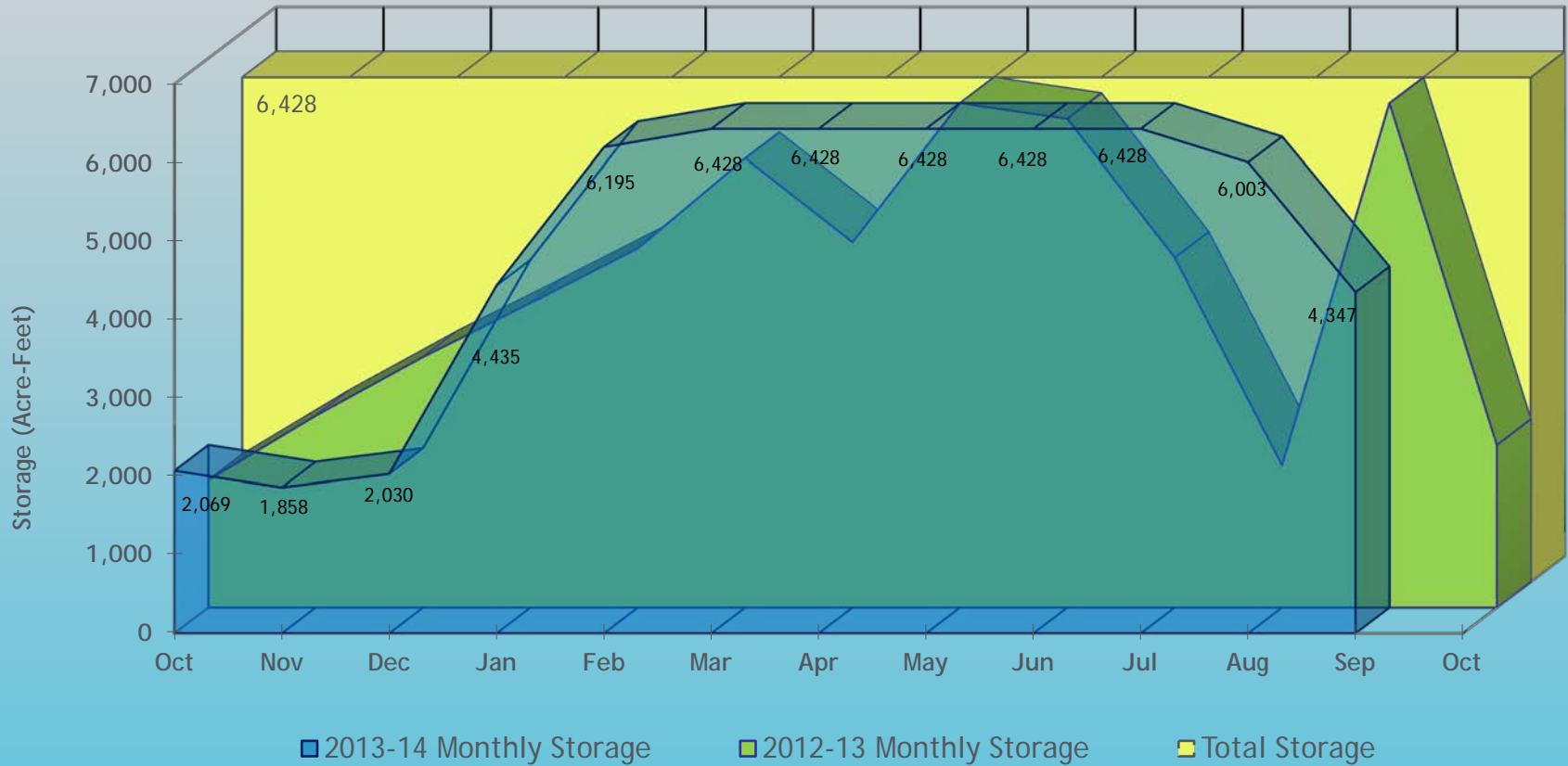


# Fossil Creek Reservoir (District 3, Poudre River - Agricultural)

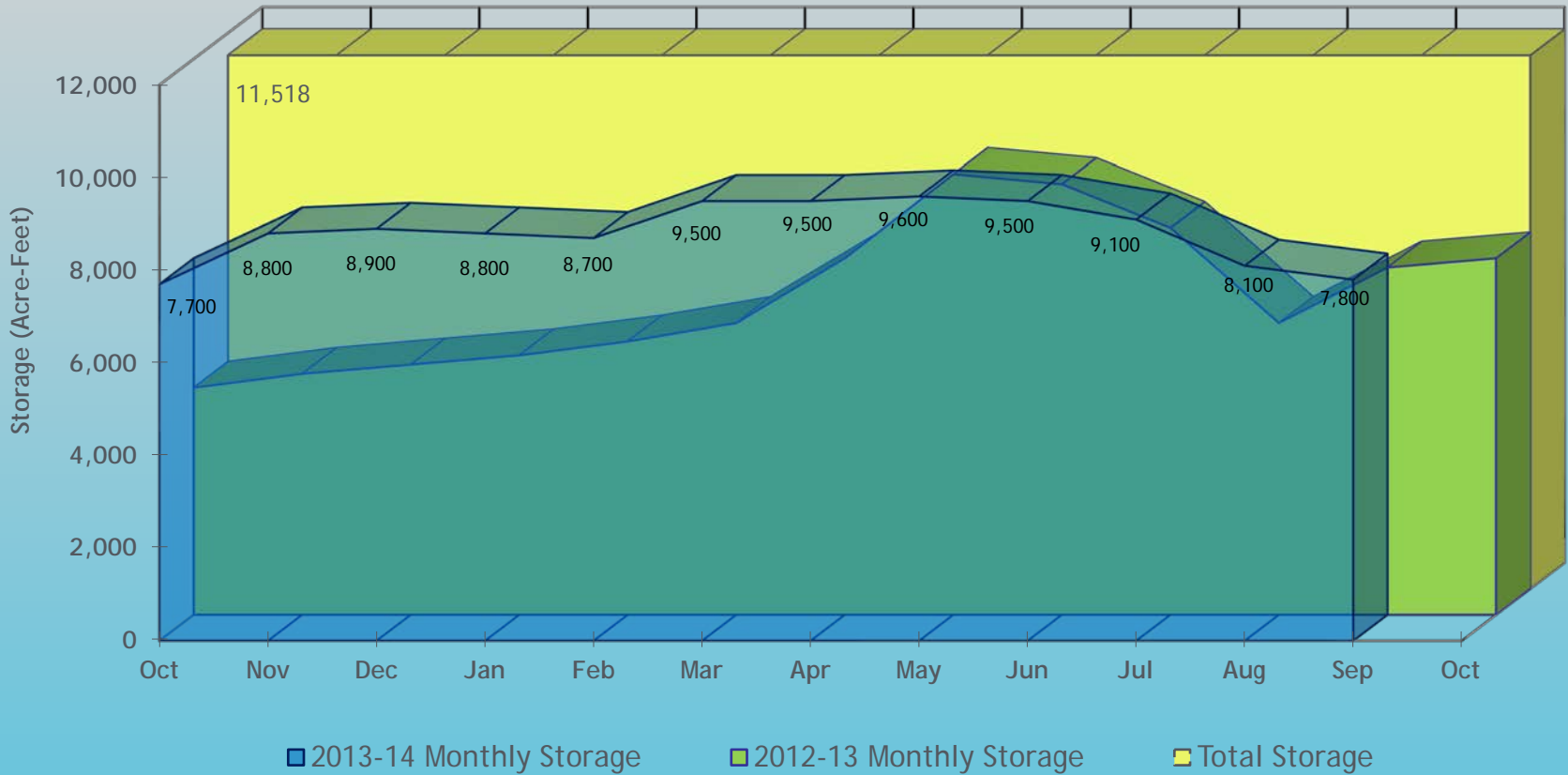




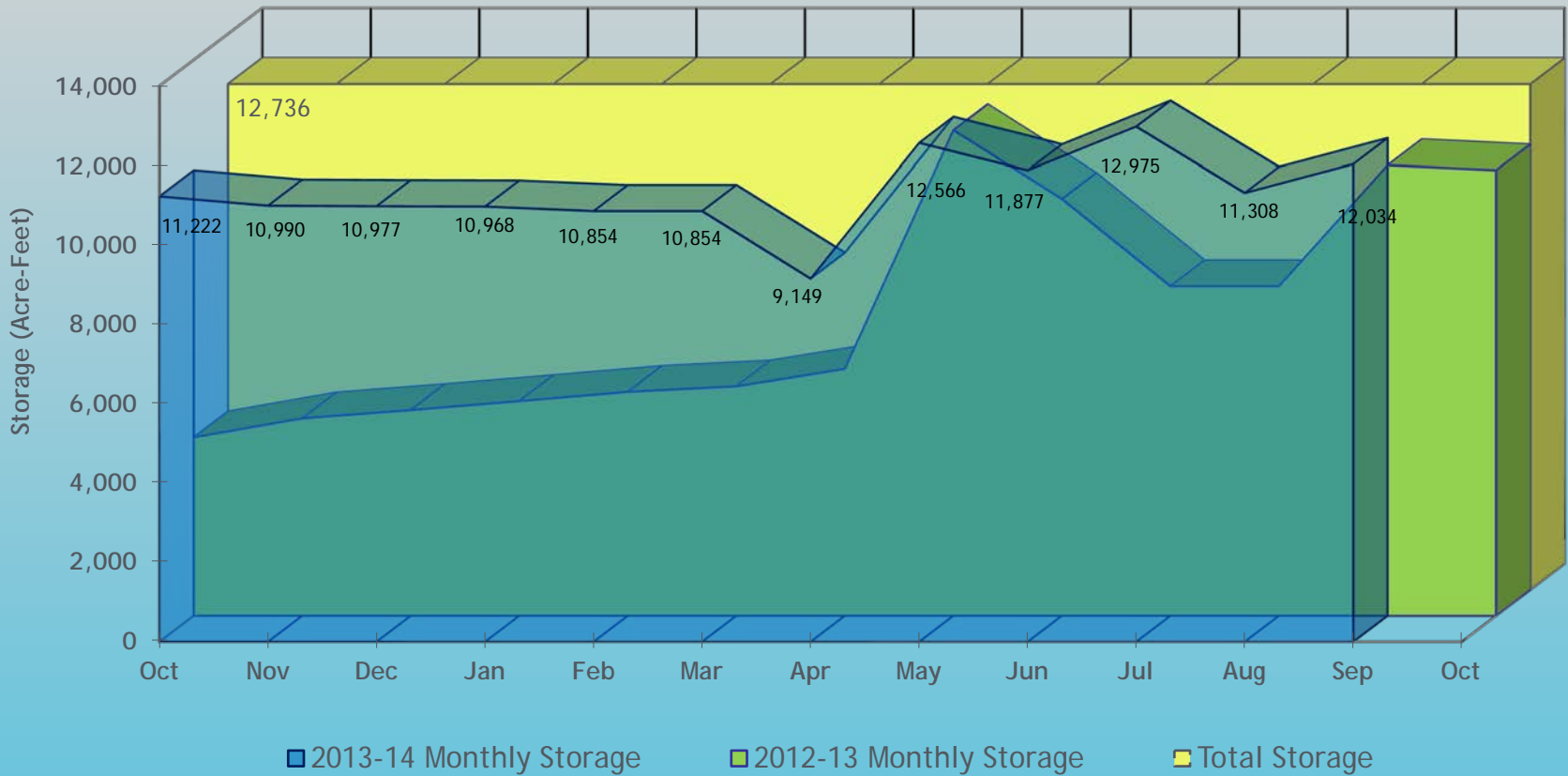
# Halligan Reservoir (District 3, Poudre River - Agricultural)



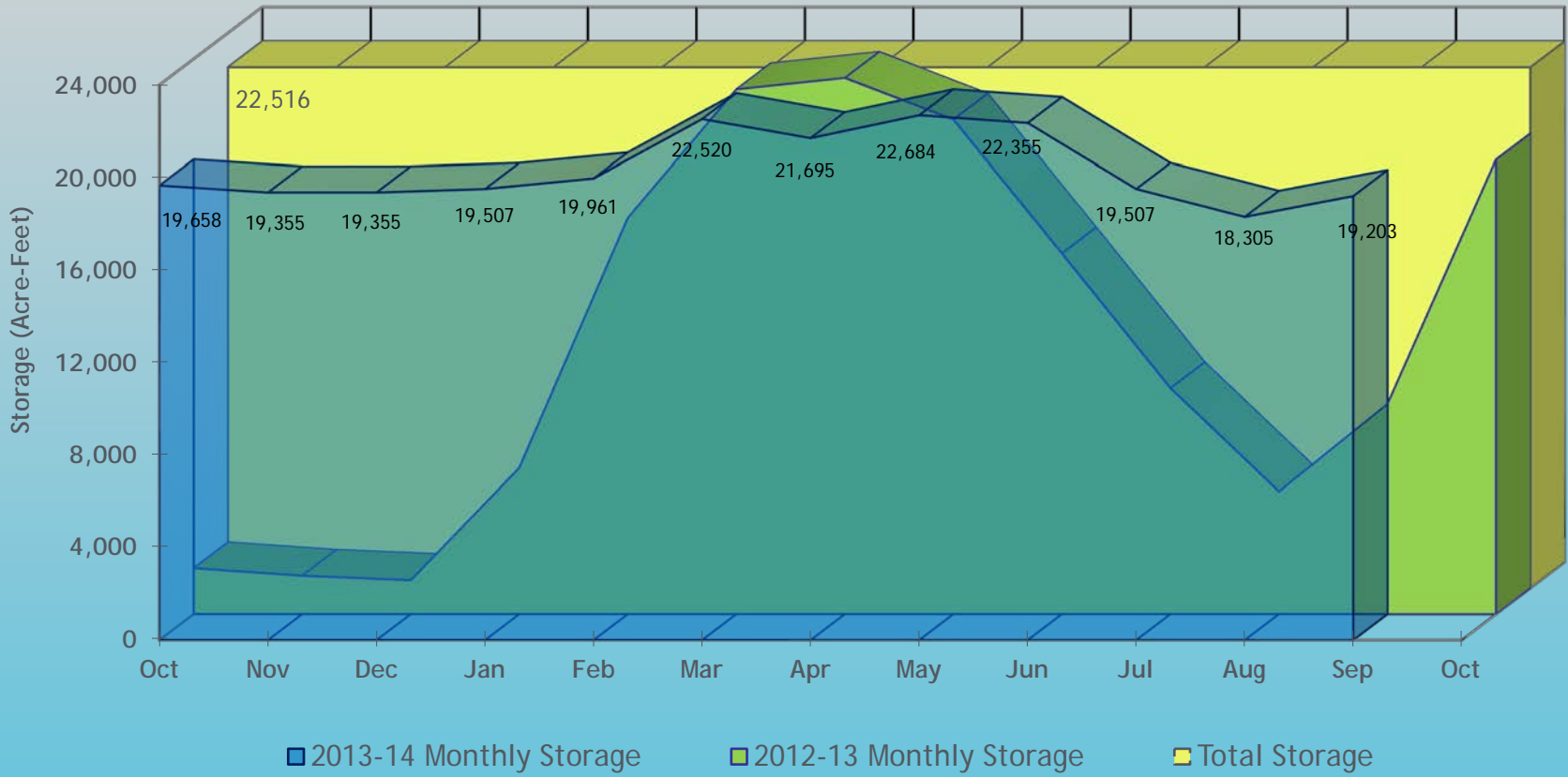
# Marshall Lake (District 6, Boulder Creek - Agricultural)



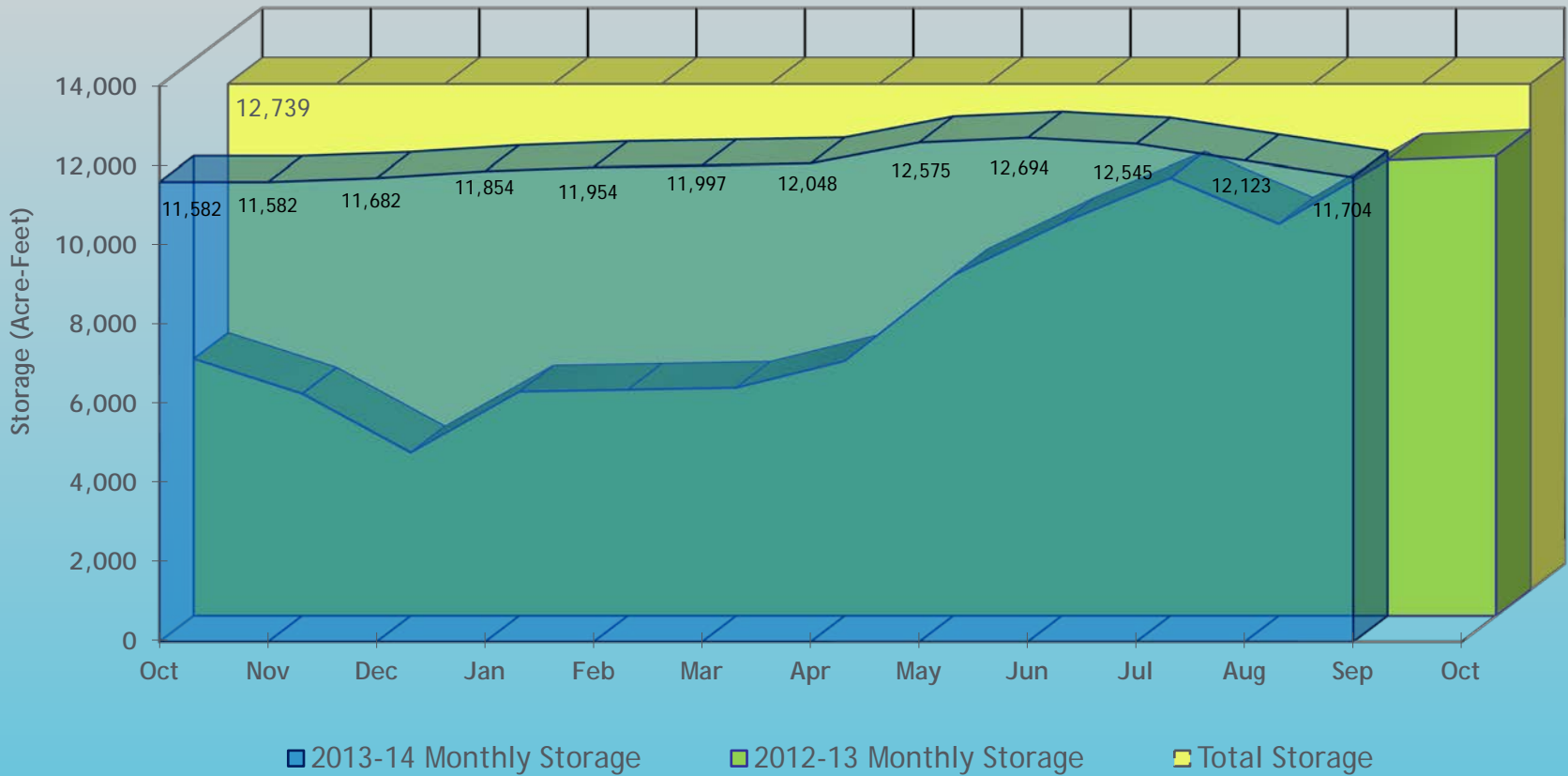
# Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



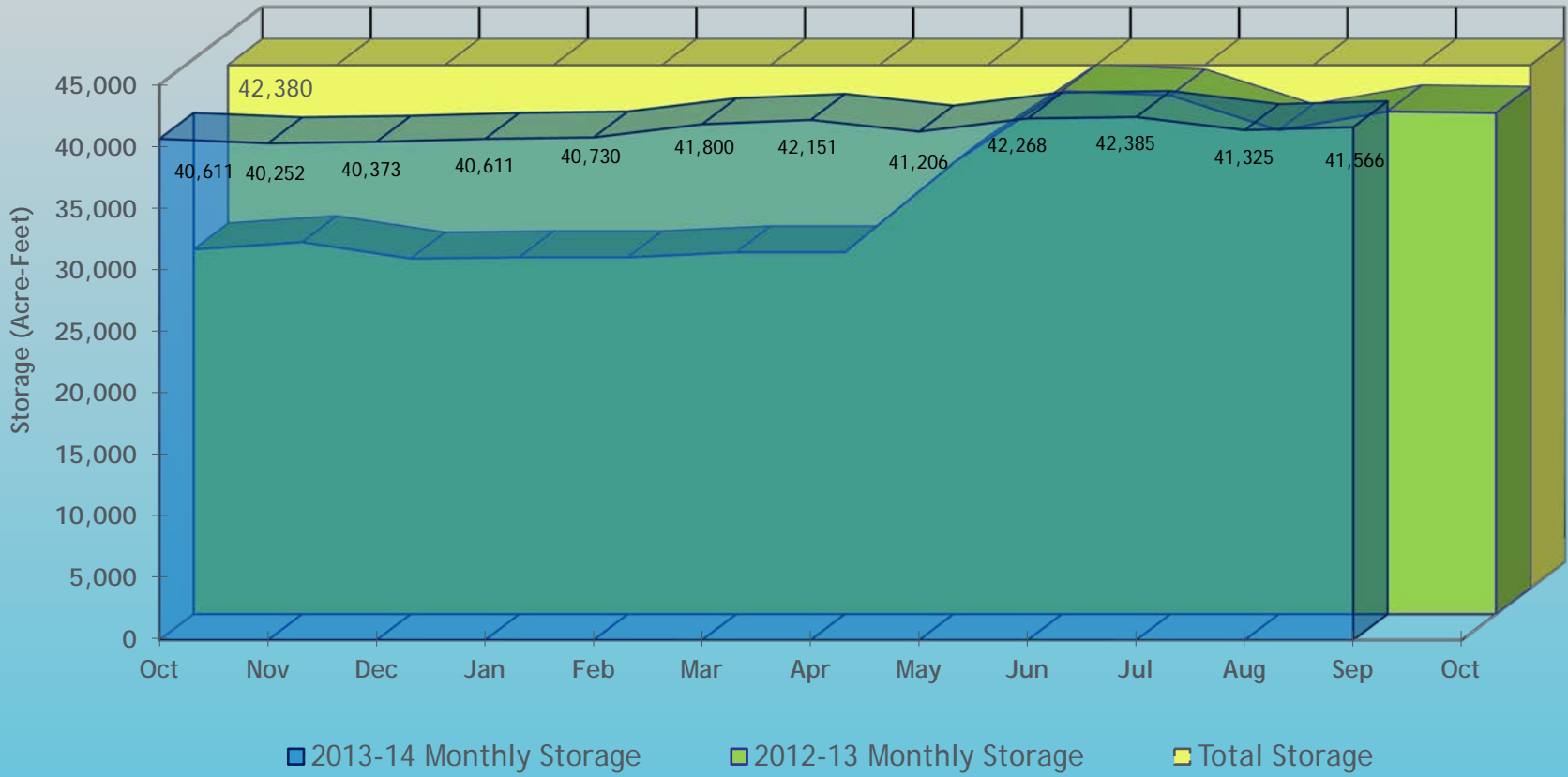
# Milton Reservoir (District 2 - Agricultural)



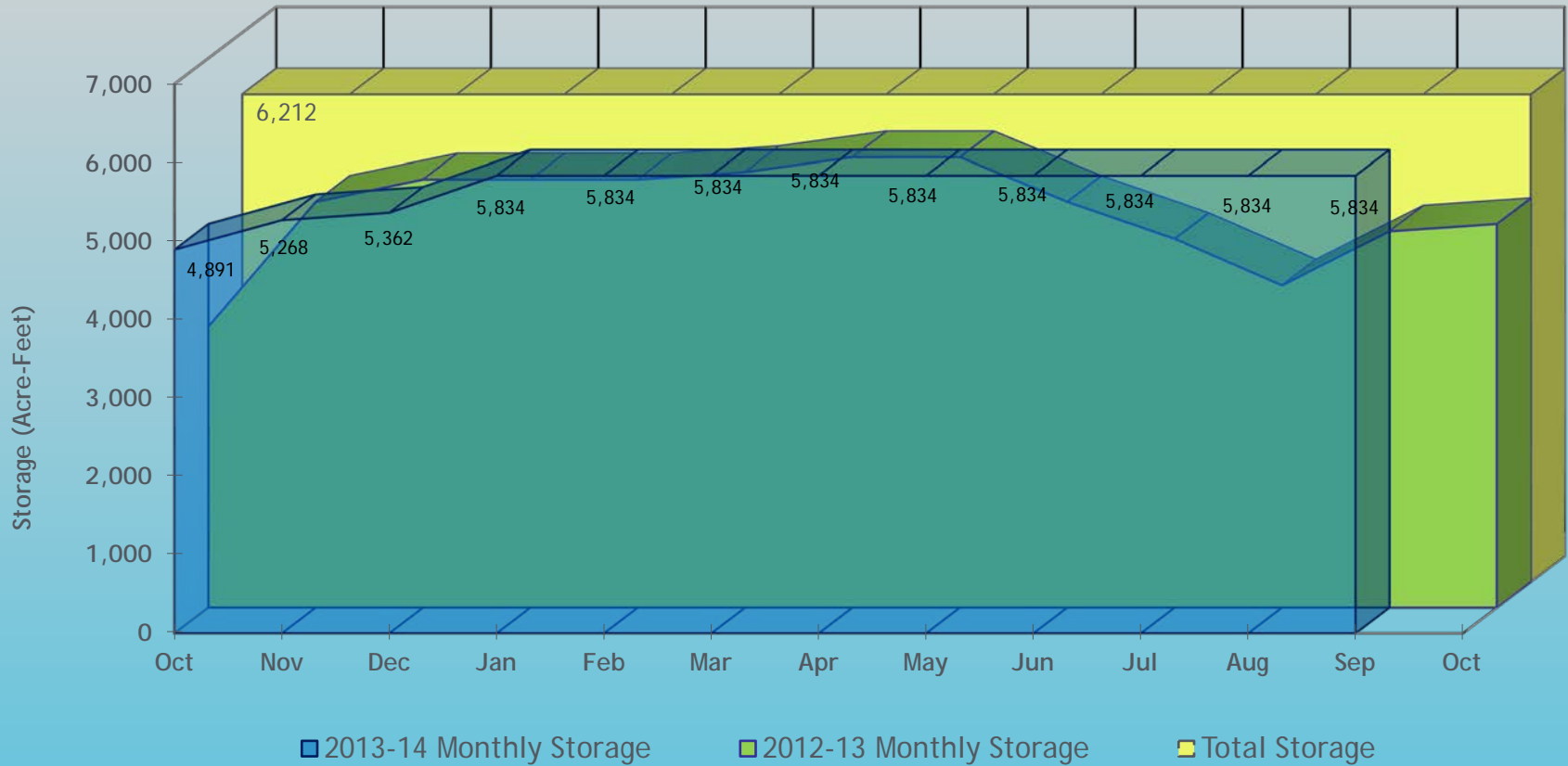
# Union Reservoir (District 5, St. Vrain Creek - Agricultural)



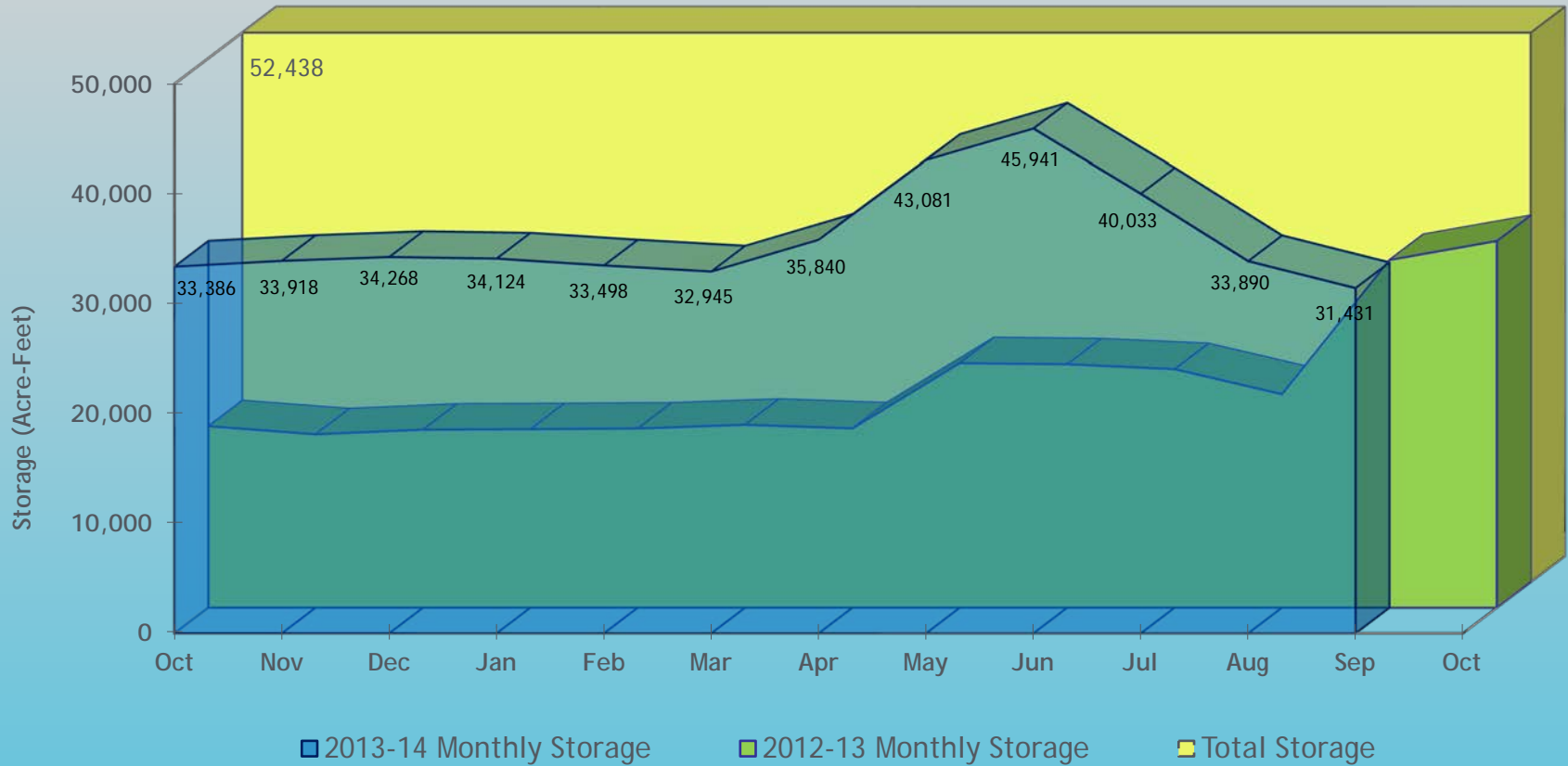
# Standley Lake (Agricultural)



# Lower Latham Reservoir (District 2 - Agricultural)

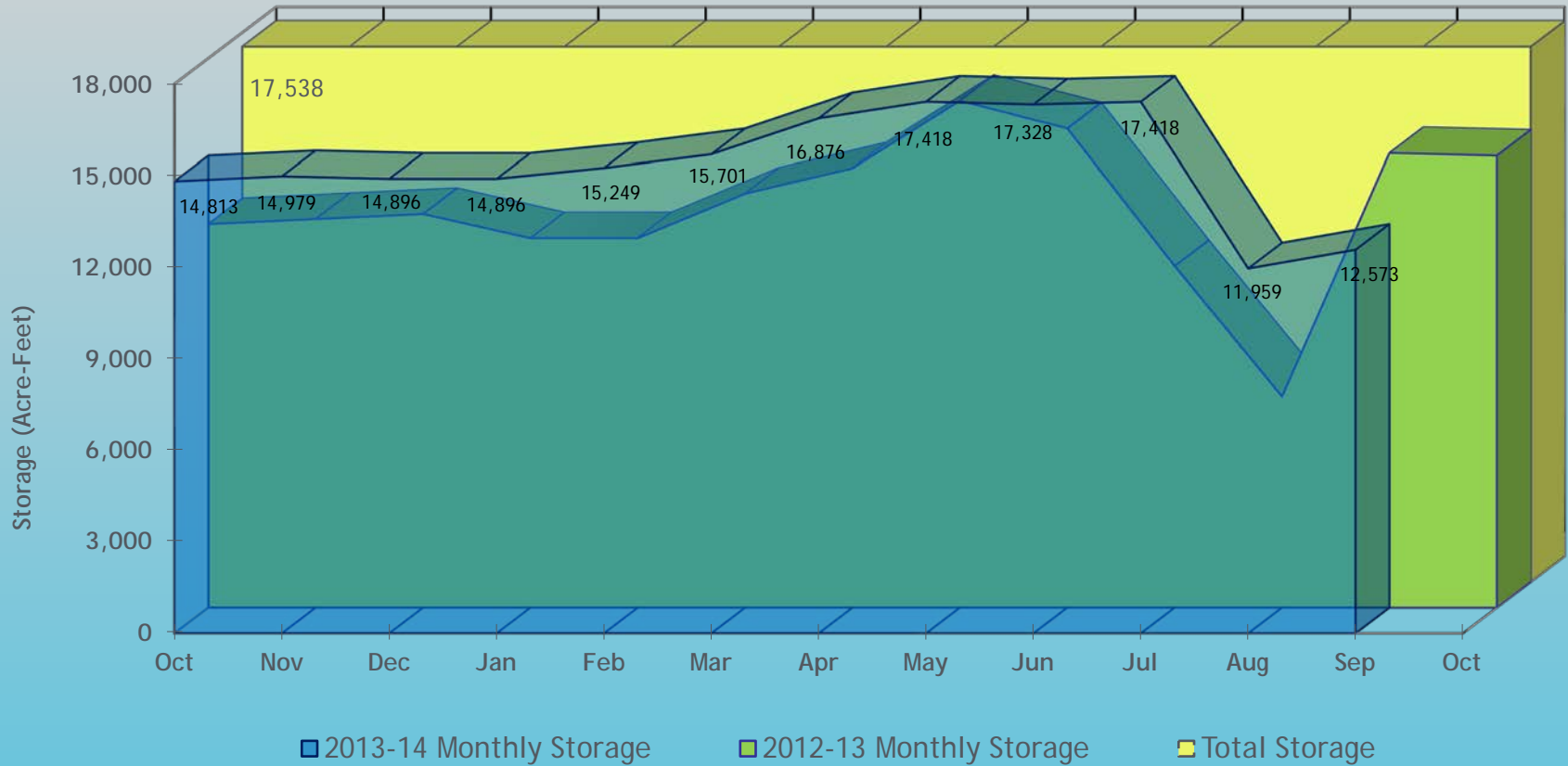


# Boyd Lake (District 4, Big Thompson River - Agricultural)

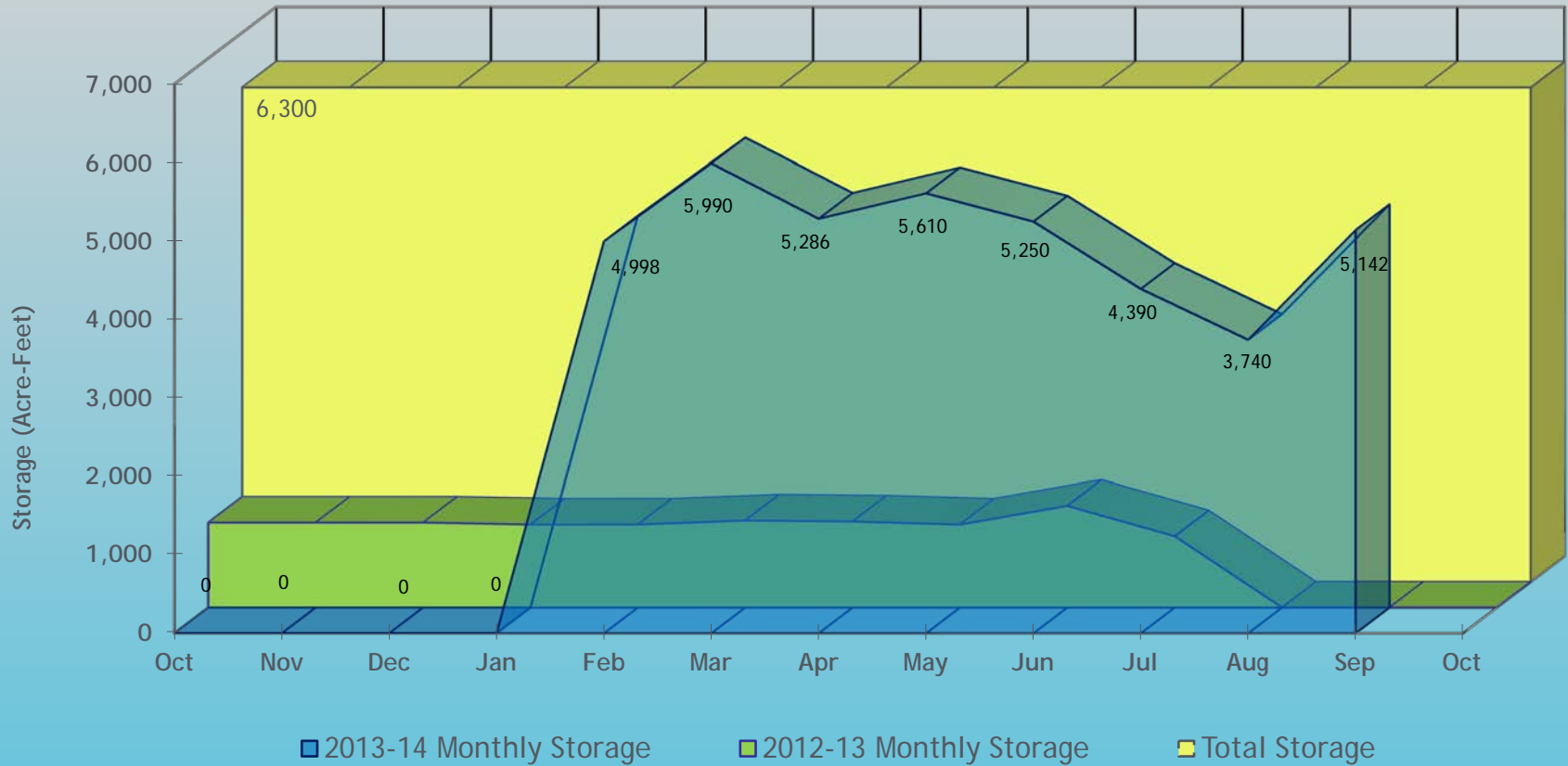




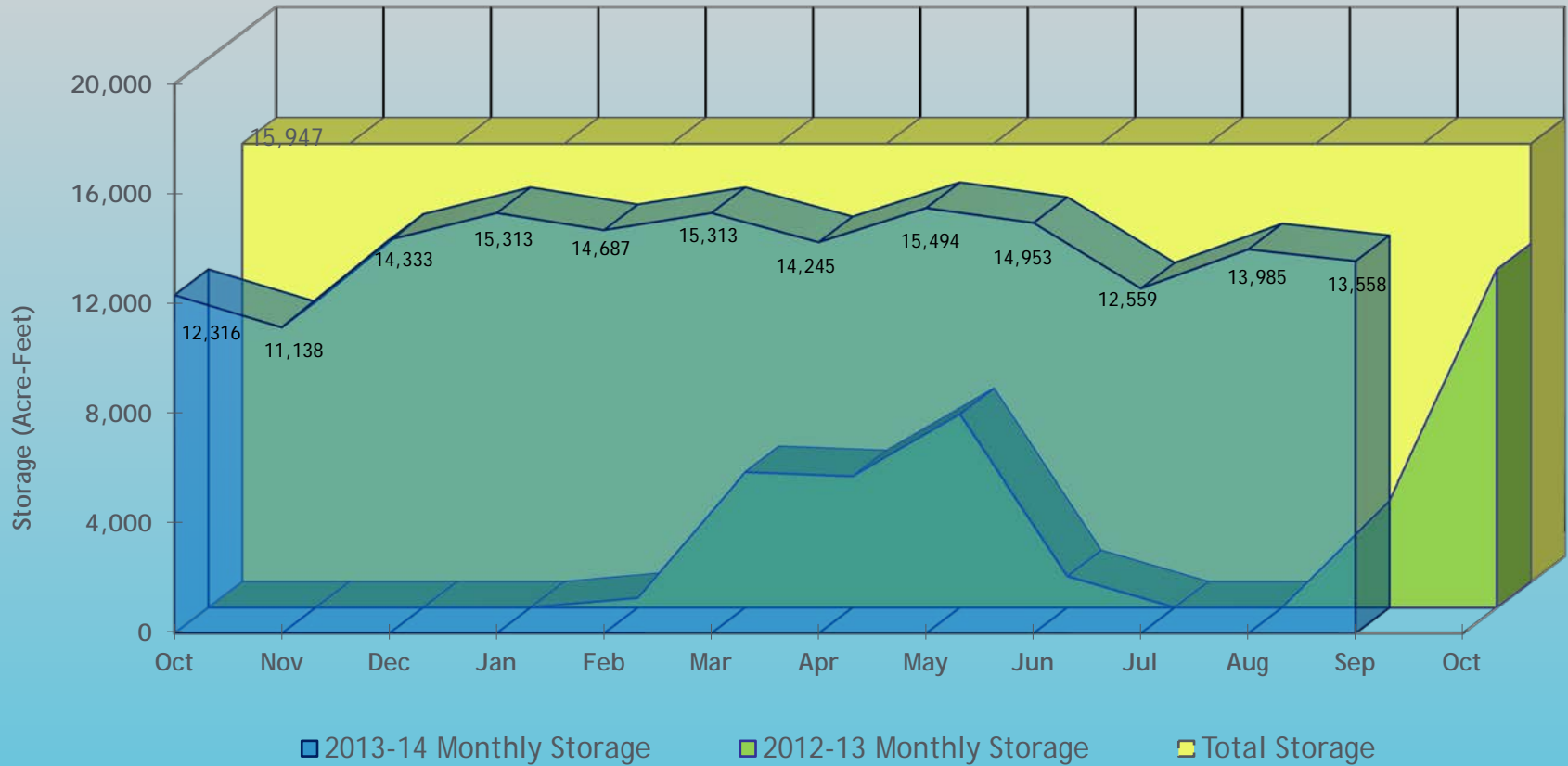
# Windsor Reservoir (District 3, Poudre River - Agricultural)



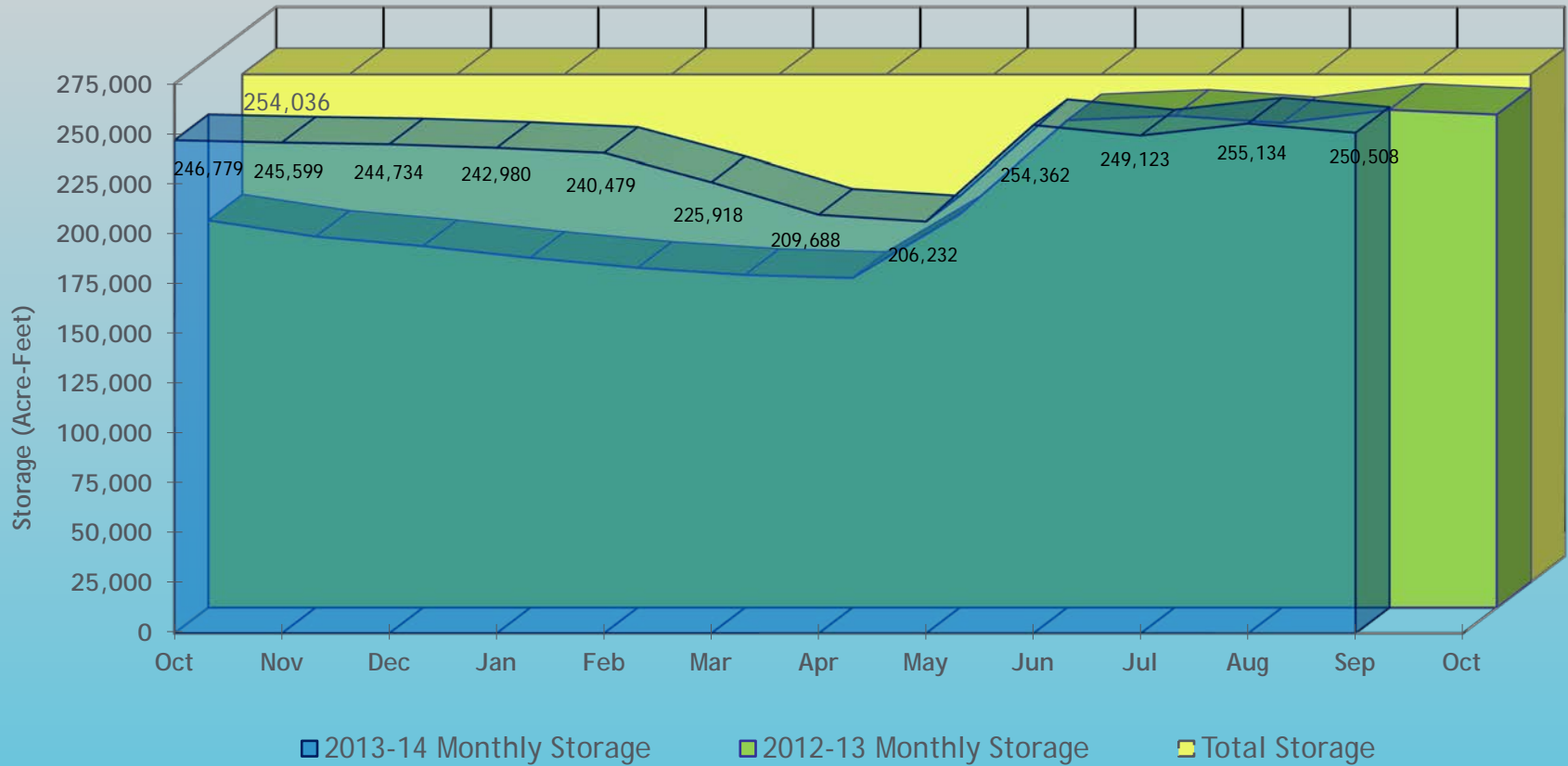
# Prospect Reservoir (District 1 - Agricultural)



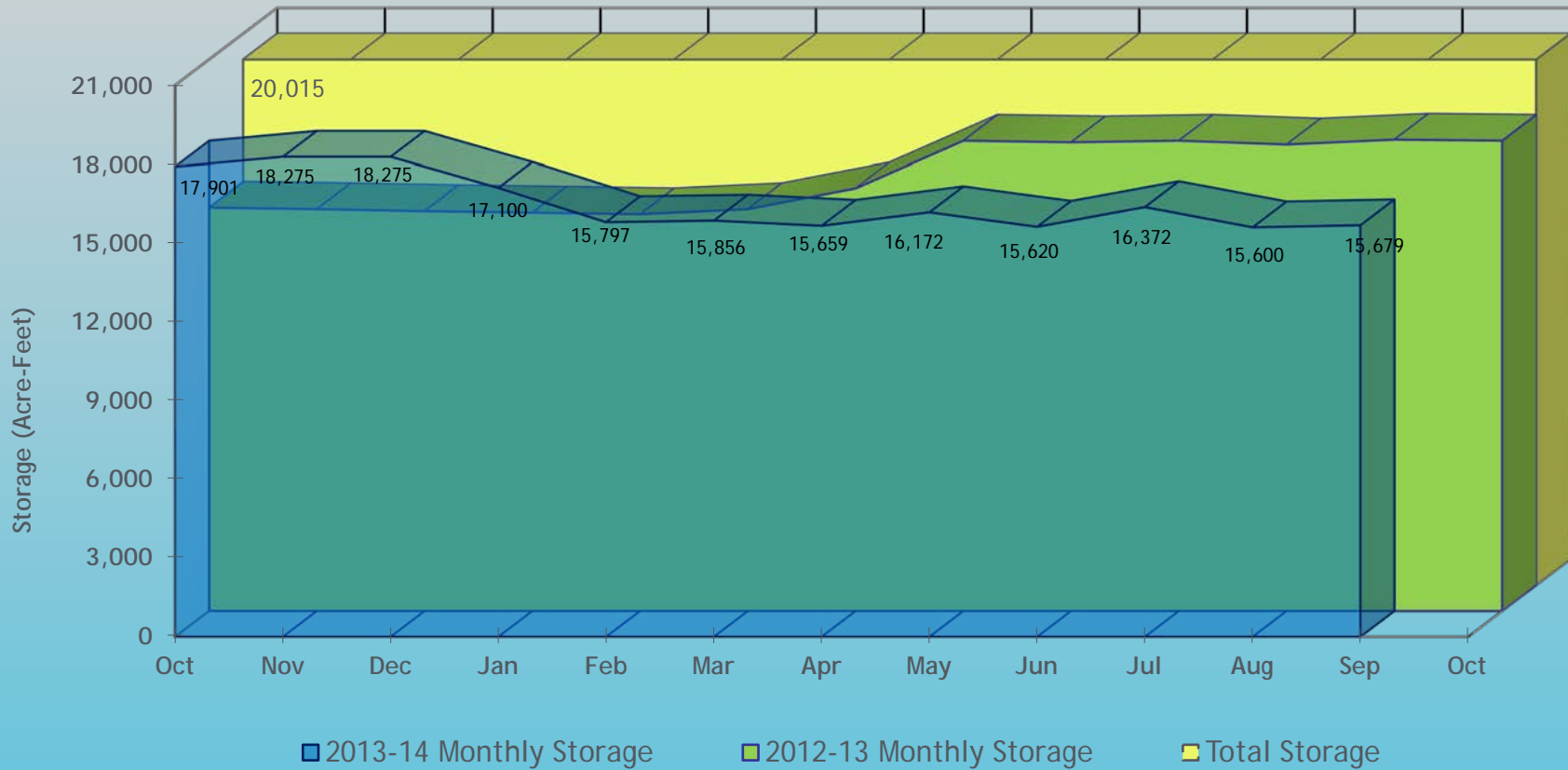
# Horse Creek Reservoir (District 1 - Agricultural)



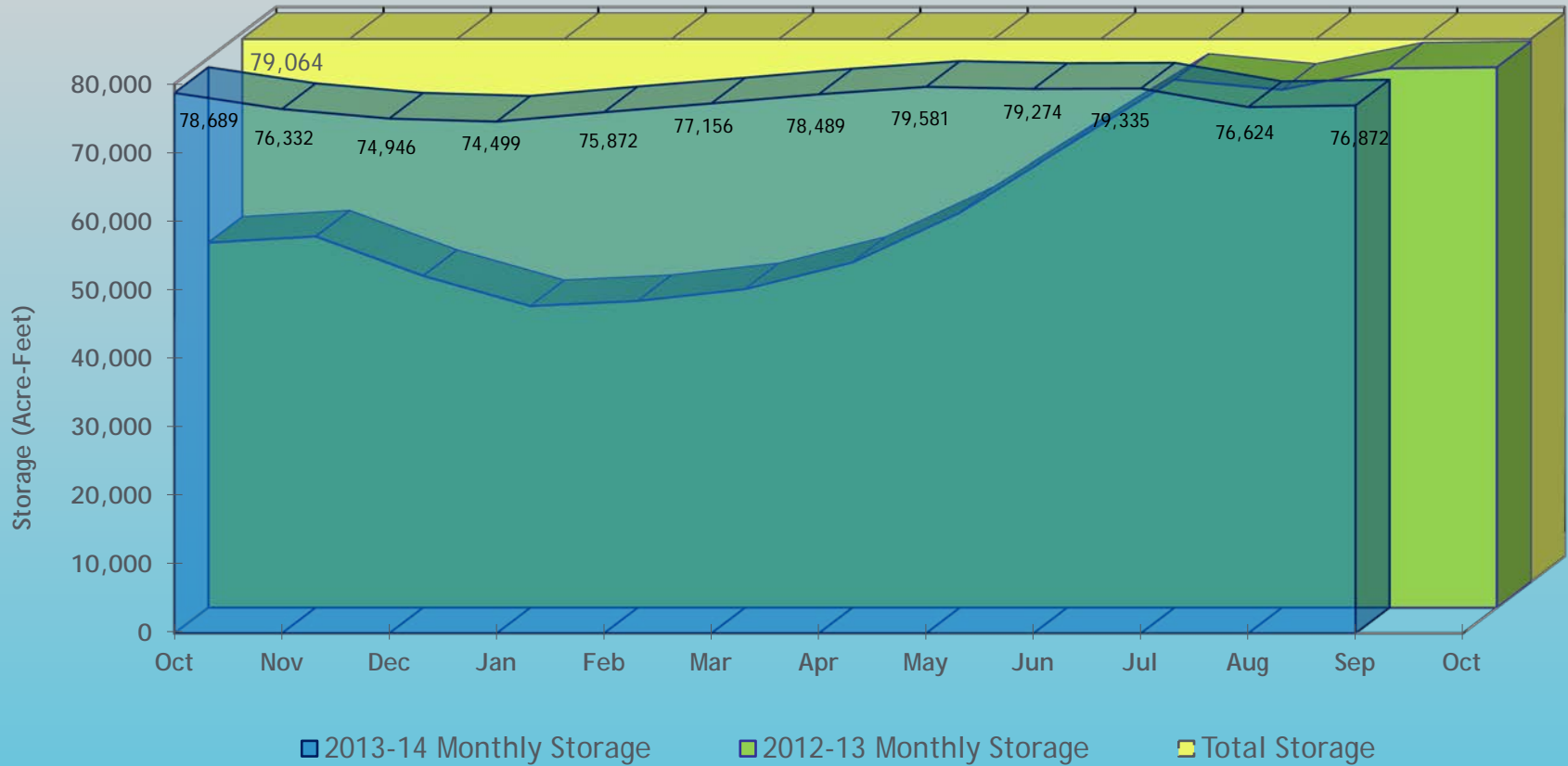
# Dillon Reservoir (District 1 - Municipal)



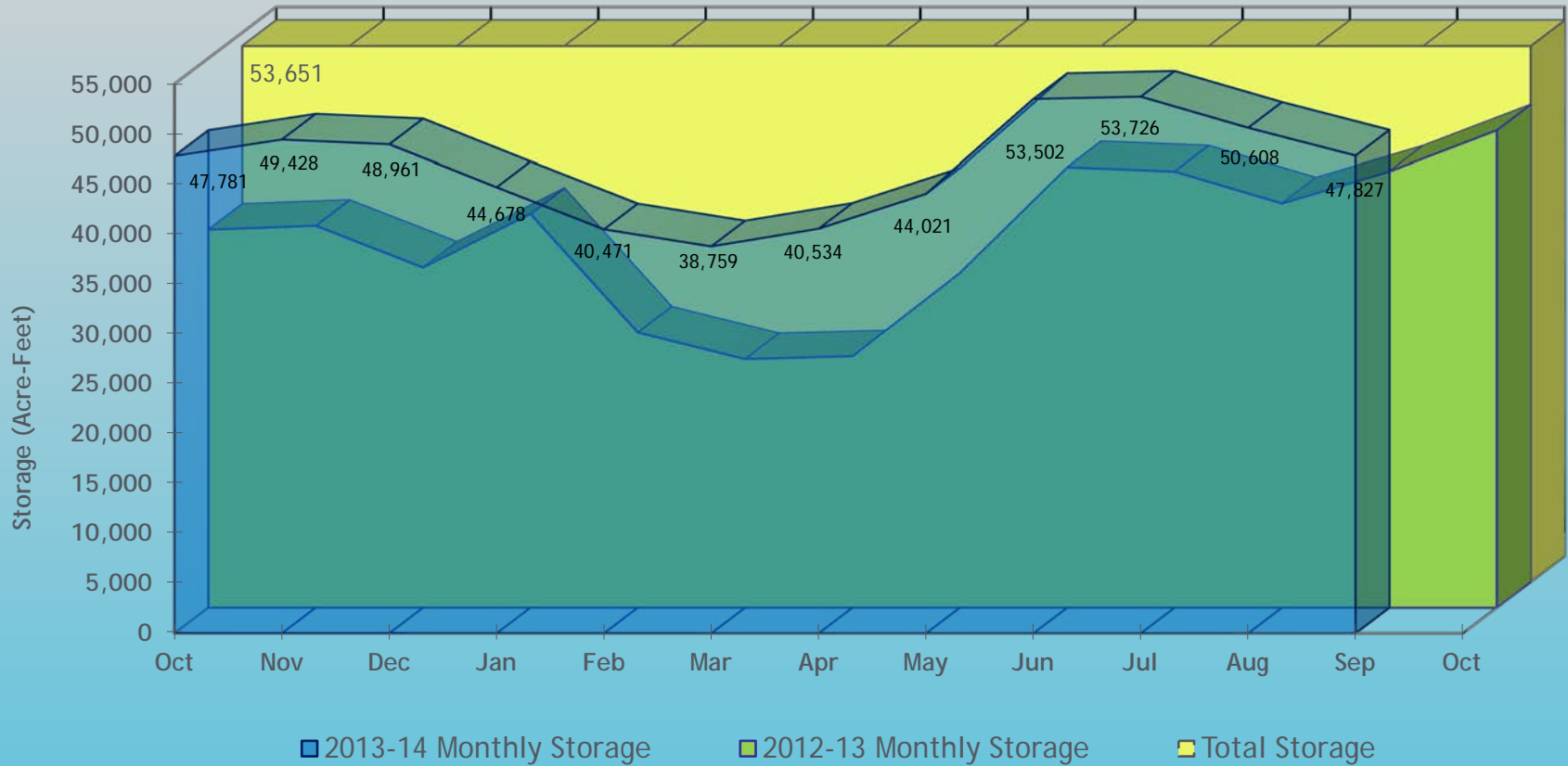
# Antero Reservoir (District 23 - Municipal)



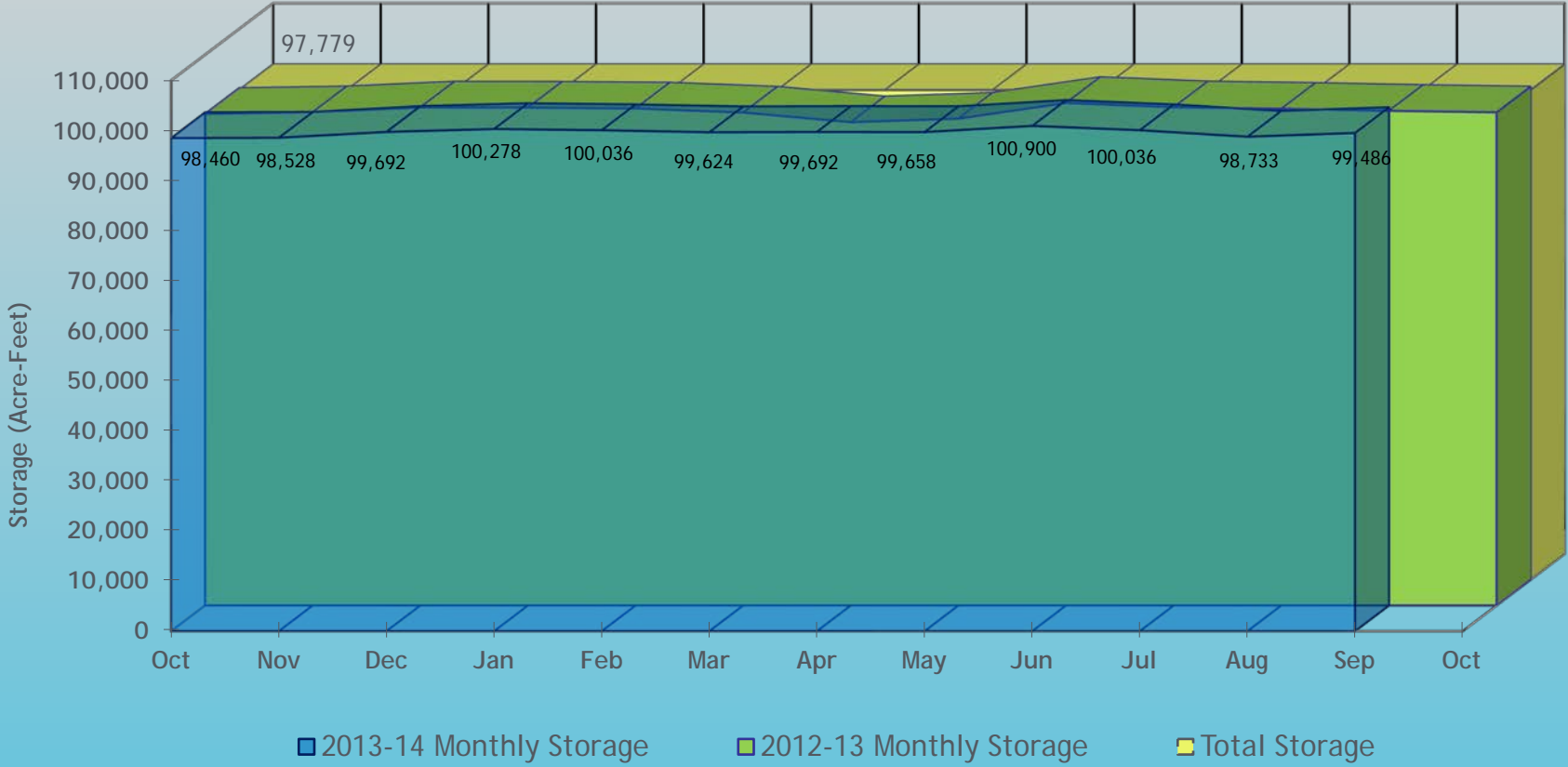
# Cheesman Reservoir (District 80 - Municipal)



# Spinney Mountain Reservoir (District 23 - Municipal)



# Eleven Mile Reservoir (District 23 - Municipal)





# Lake Granby

