



**COLORADO**  
Department of Natural Resources

## South Platte Summary February 2015

Compiled by Lee Cunning, P.E.

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

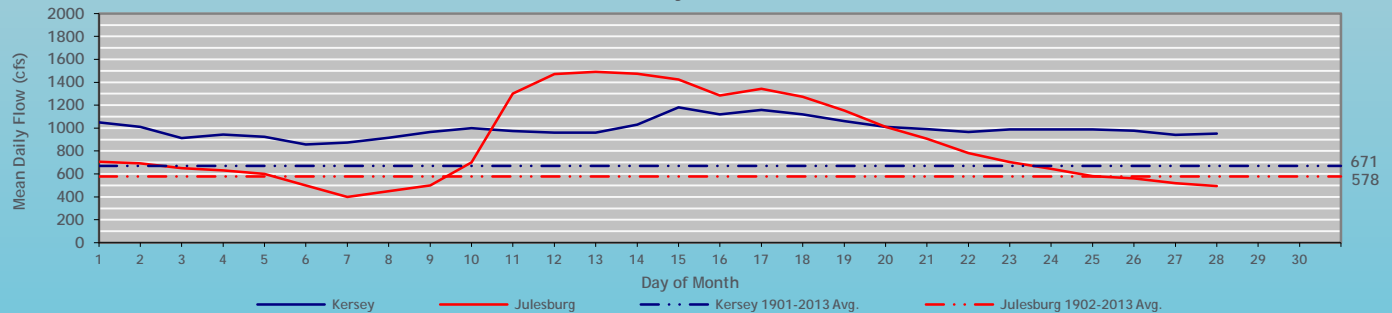
## MONTH OF February 2015

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	18,002	18,205	64	203	1%	80%	76%	0
N STERLING	73,730	71,730	74,156	64	2,426	3%	100%	96%	426
PREWITT	28,500	19,488	24,976	64	5,488	28%	88%	93%	0
JACKSON	27,257	24,094	25,213	1	1,119	5%	93%	100%	0
EMPIRE	37,700	25,434	36,625	1	11,191	44%	97%	98%	0
RIVERSIDE	63,113	54,038	61,070	1	7,032	13%	97%	90%	0
BARR LAKE	32,152	23,430	25,147	2	1,717	7%	78%	88%	0
CHEESMAN	79,064	70,375	69,791	80	-584	-1%	88%	96%	0
ELEVEN MILE	97,779	99,143	99,246	23	103	0%	100%	100%	1,467
SPINNEY	53,651	46,755	46,259	23	-496	-1%	86%	75%	0
ANTERO	20,015	16,152	16,152	23	0	0%	81%	79%	0

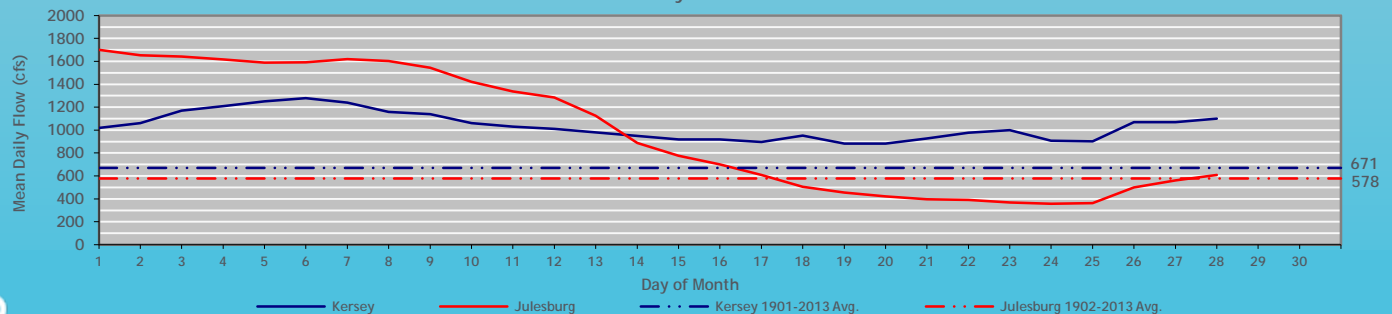
RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>1034</b>
<b>JULESBURG</b>	<b>987</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>994</b>
<b>JULESBURG</b>	<b>866</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>671</b>
<b>JULESBURG</b>	<b>578</b>

\*Kersey 1901 - 2013  
\*Julesburg 1902 - 2013

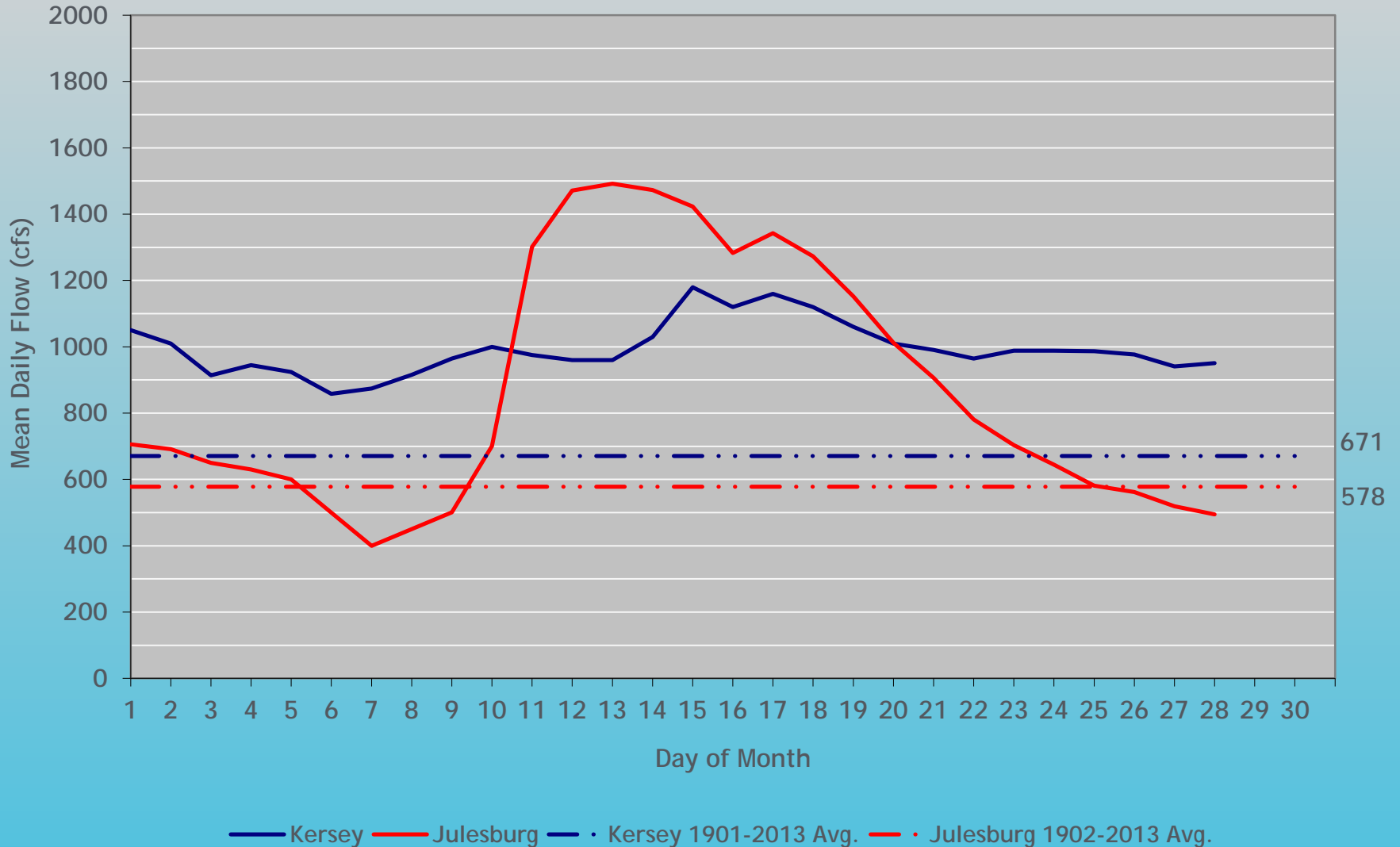
KERSEY and JULESBURG  
February 2014



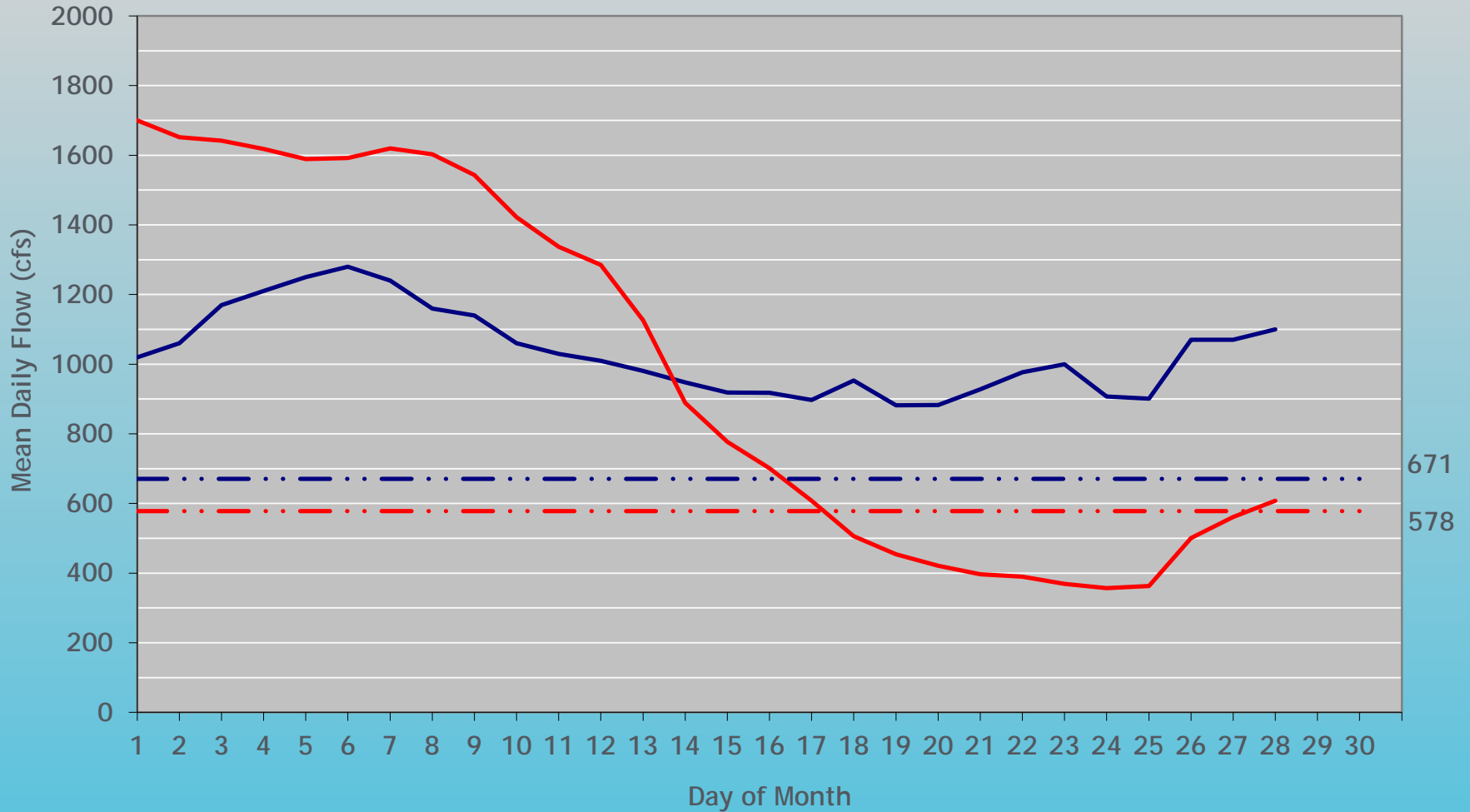
KERSEY and JULESBURG  
February 2015



# KERSEY and JULESBURG February 2014

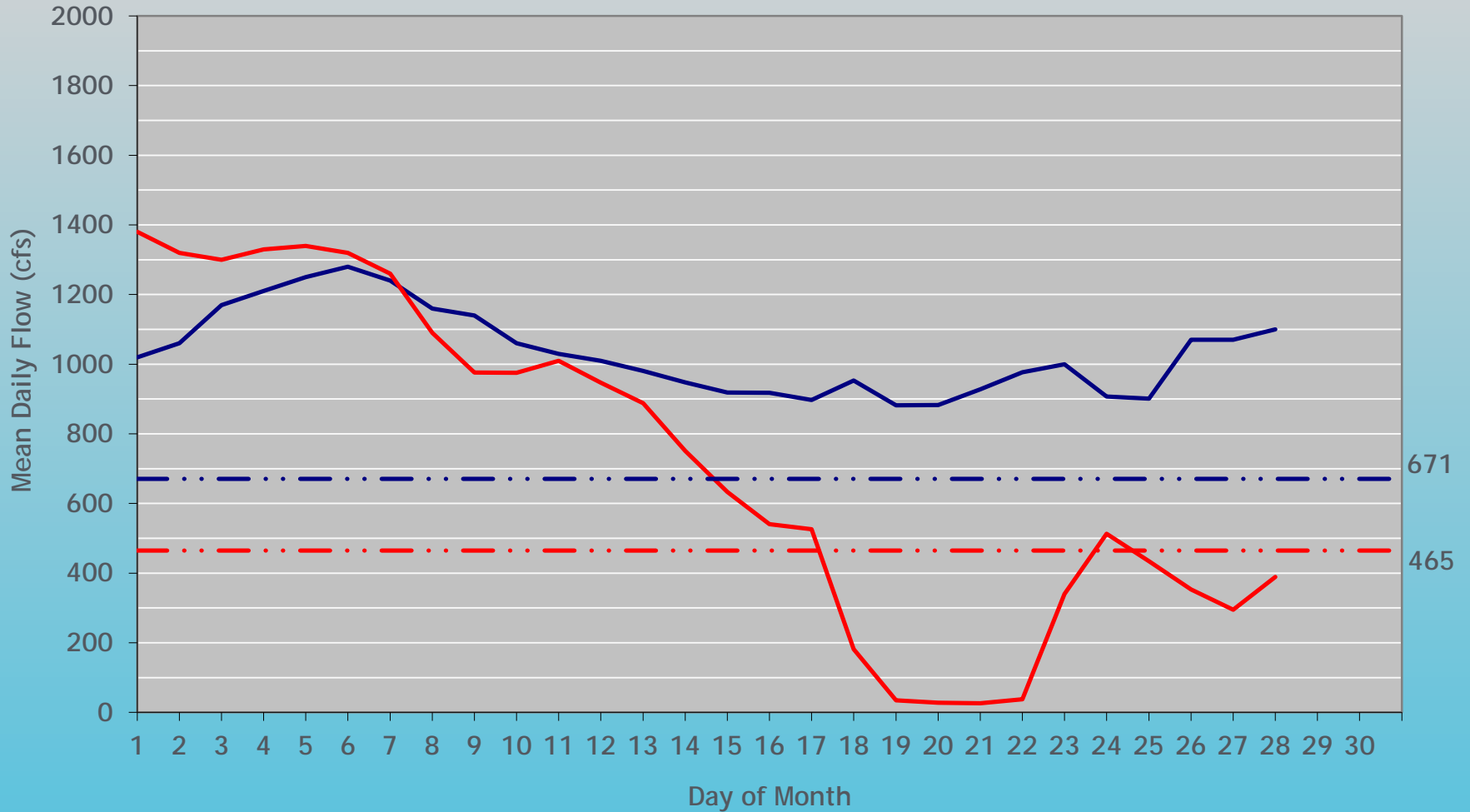


# KERSEY and JULESBURG February 2015



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

# KERSEY and BALZAC February 2015



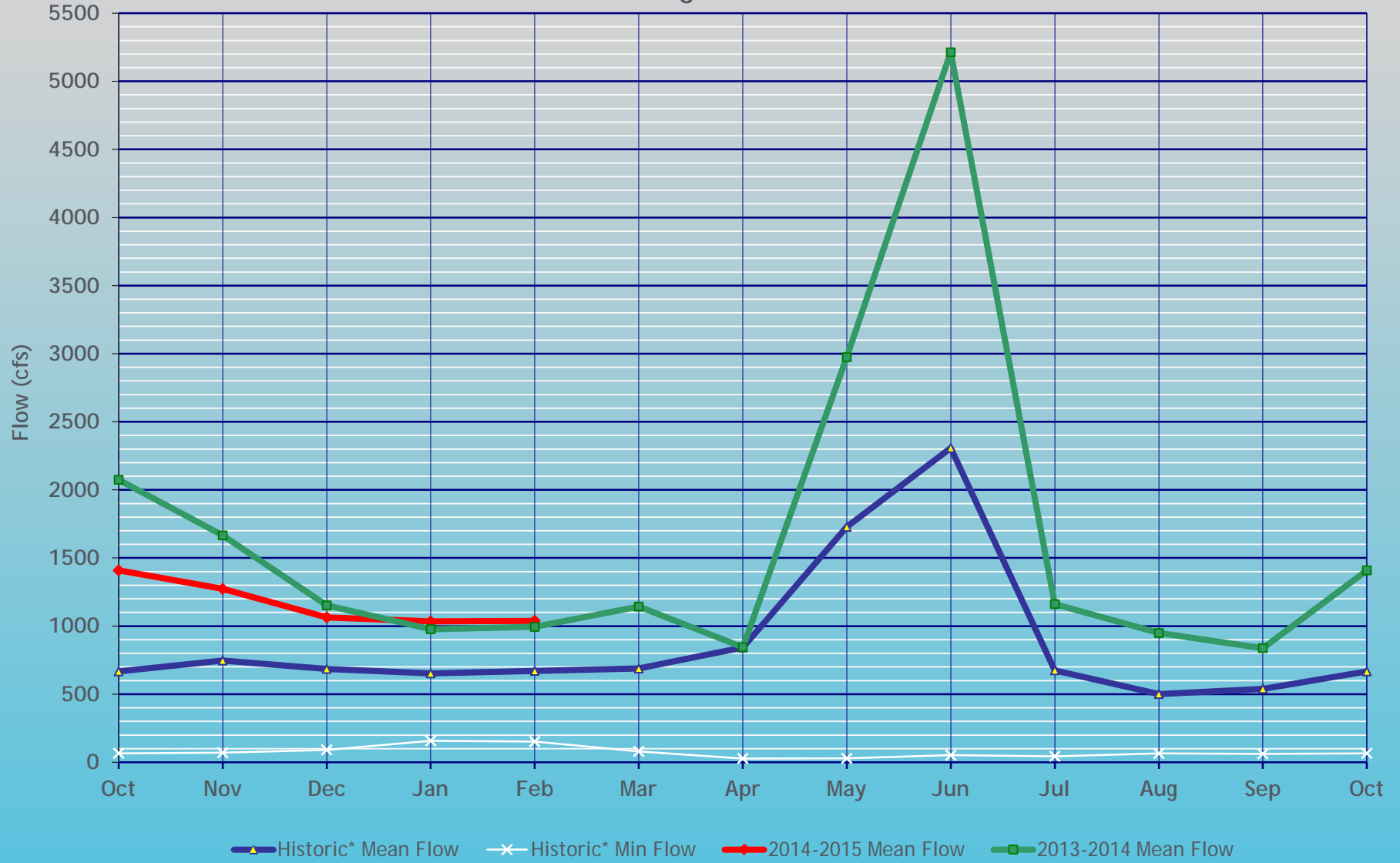
— Kersey — Balzac — · Kersey 1901-2013 Avg. — · Balzac 1917-2013 Avg.

# 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 2015 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2015 Mean Monthly Flow
Oct	667	6180	1984	66	1954	1409	Oct	299	3130	1984	4.2	1903	558
Nov	747	3650	1984	70	1934	1273	Nov	335	2900	1984	4.2	1903	1443
Dec	685	1890	1961	91	1934	1064	Dec	401	1820	1984	13	2002	1755
Jan	652	2160	1974	158	1935	1034	Jan	512	2510	1970	21	2003	1913
Feb	671	3060	1914	152	1935	1039	Feb	578	3220	1930	29	2005	987
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 1902-2013							*Period of record 1902-2013						

# South Platte River at Kersey

Irrigation Year

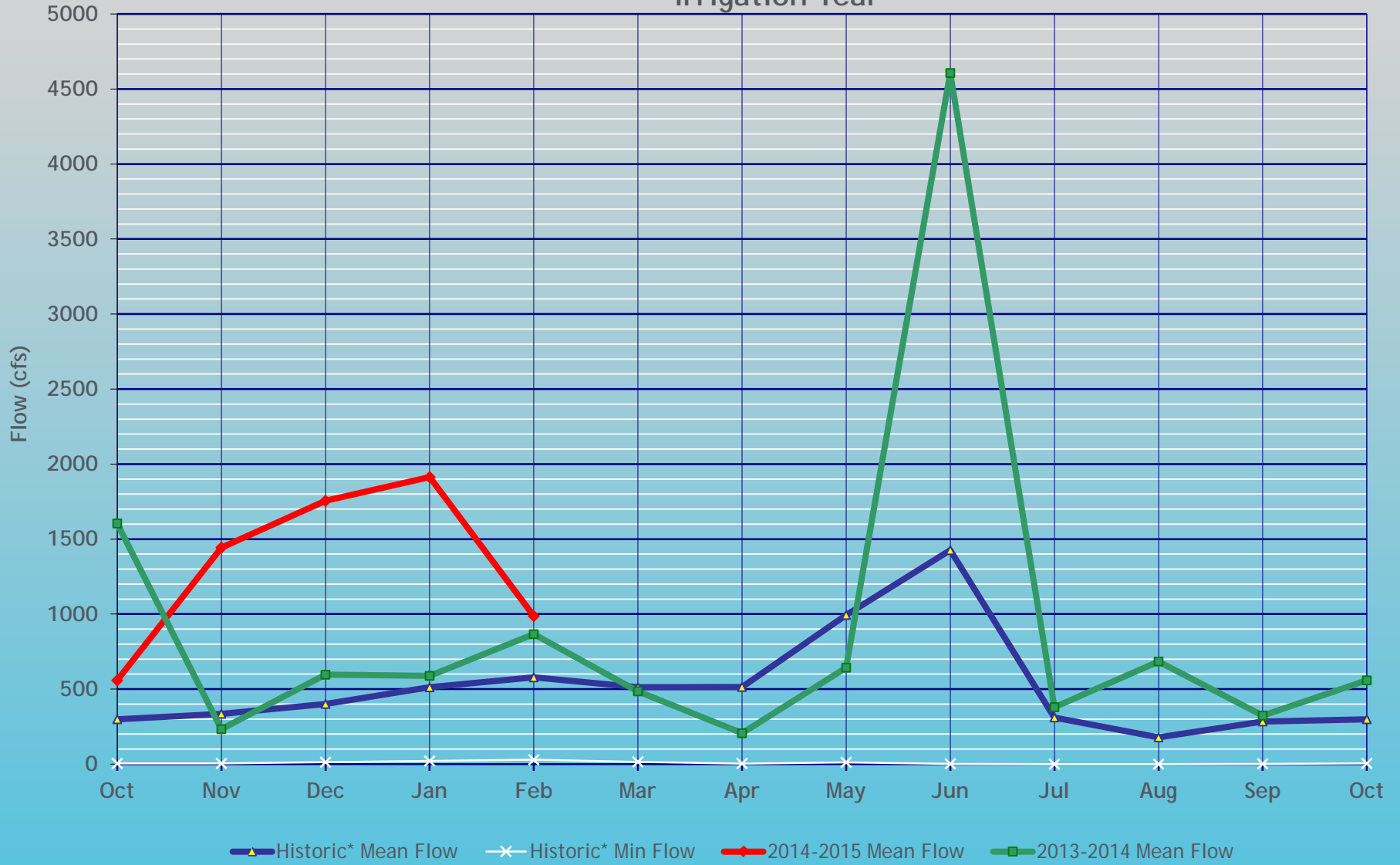


Historic\* Mean Flow (1901-2013)    Historic\* Min Flow    2014-2015 Mean Flow    2013-2014 Mean Flow

\*1901-2013

# South Platte River at Julesburg

Irrigation Year



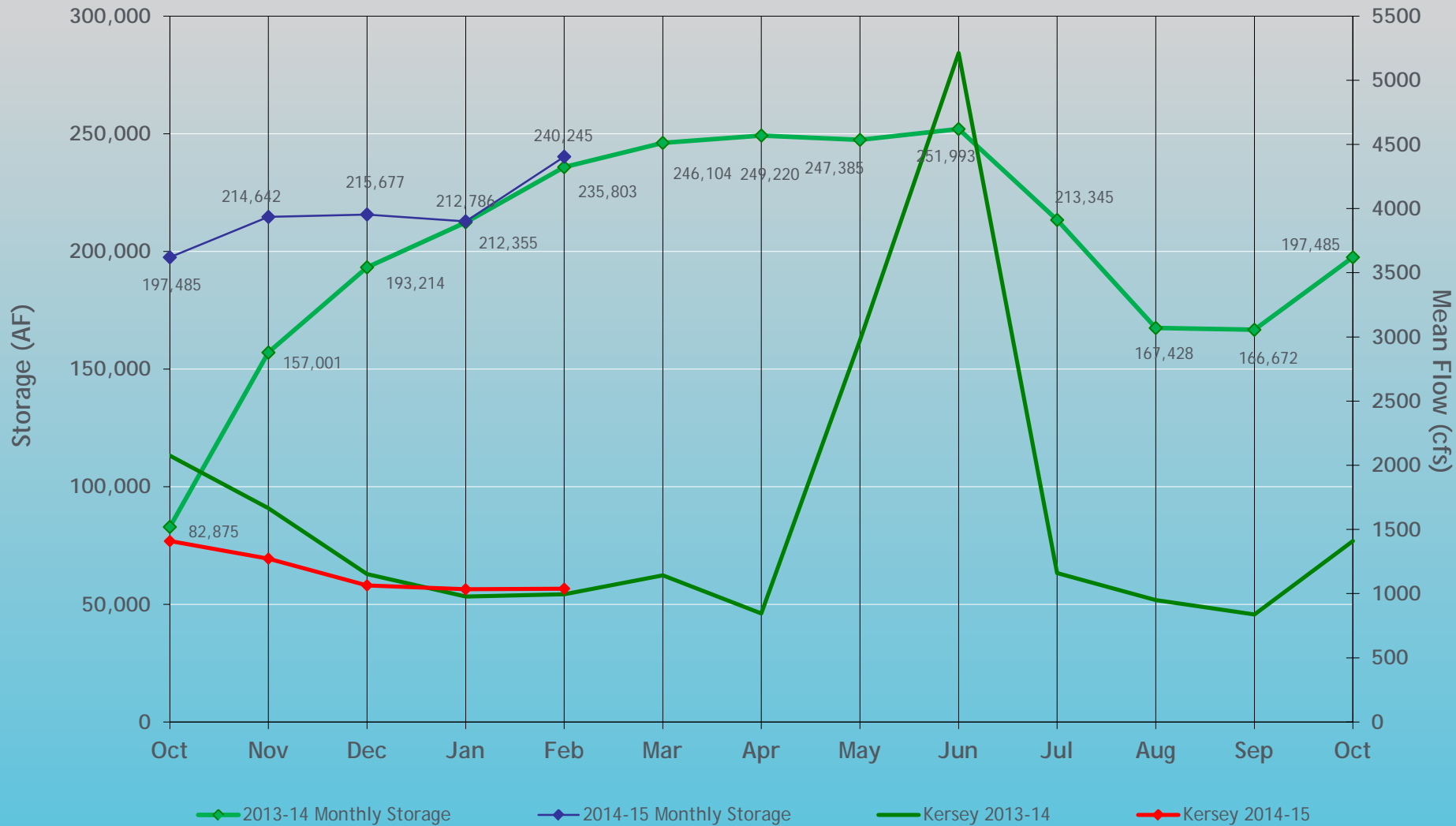
\*1901-2013





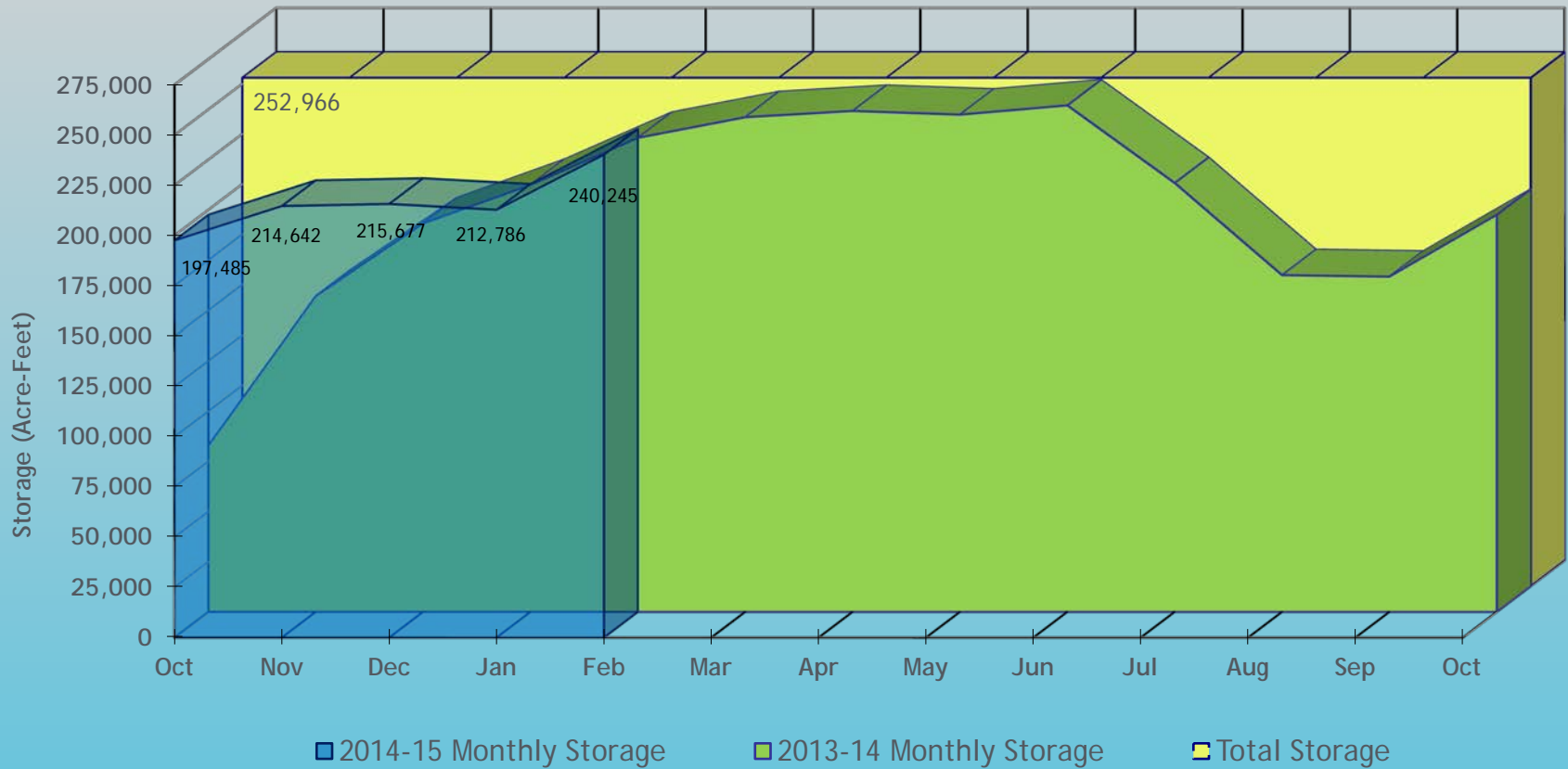
# Reservoir Storage below Kersey

Selected Reservoirs\*



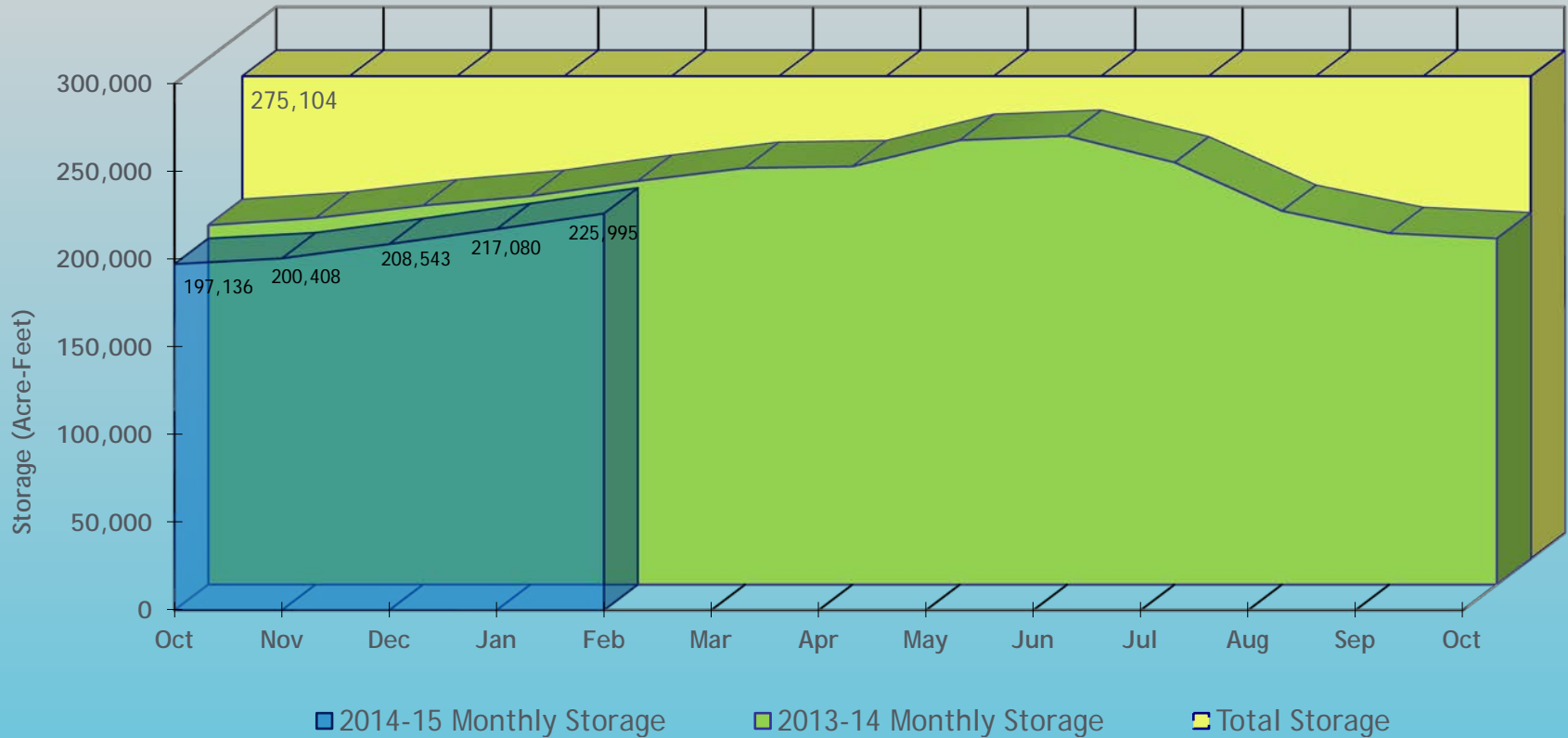
\*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

# South Platte Reservoir Storage below Kersey\*



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

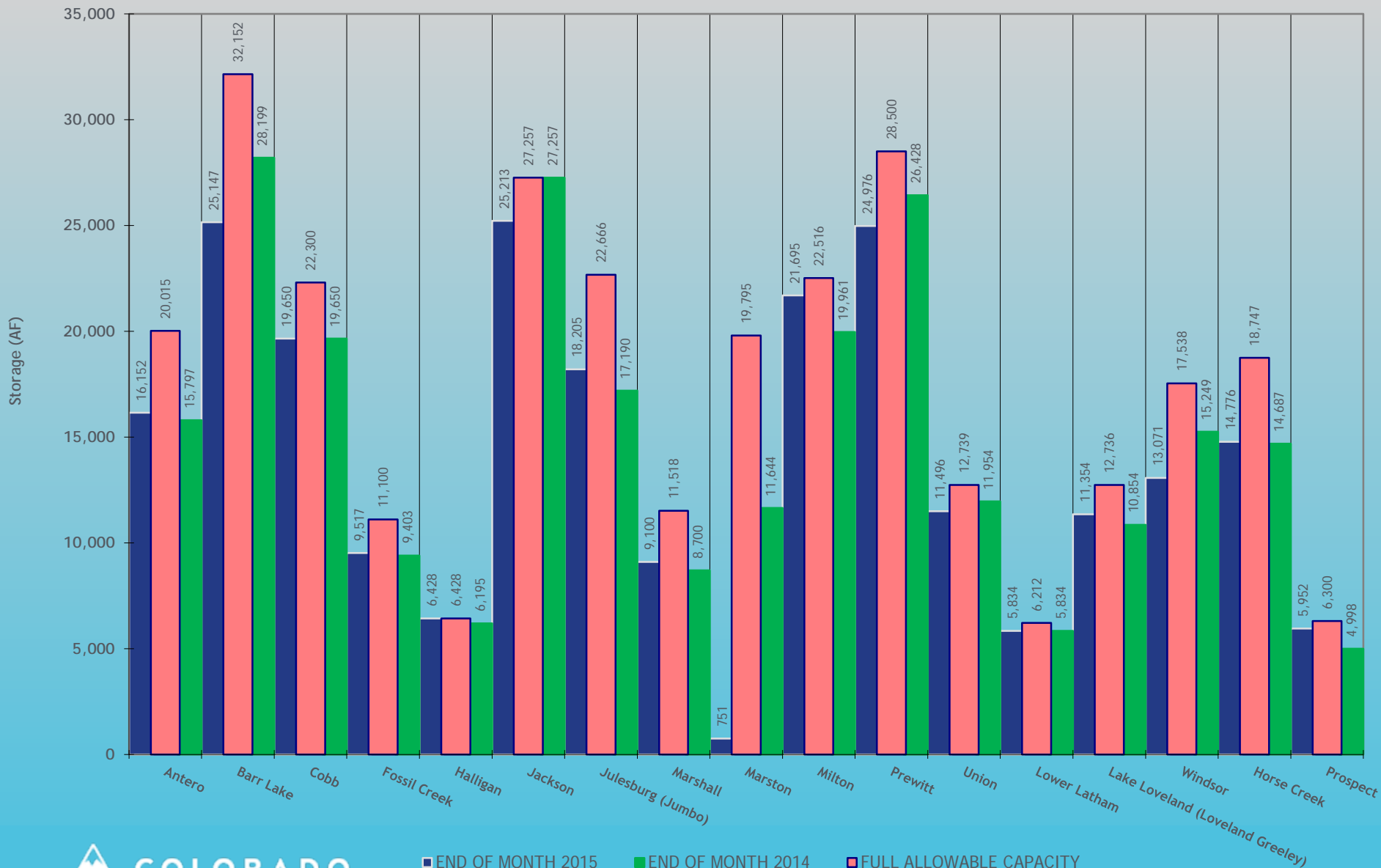
# South Platte Reservoir Storage above Kersey\*



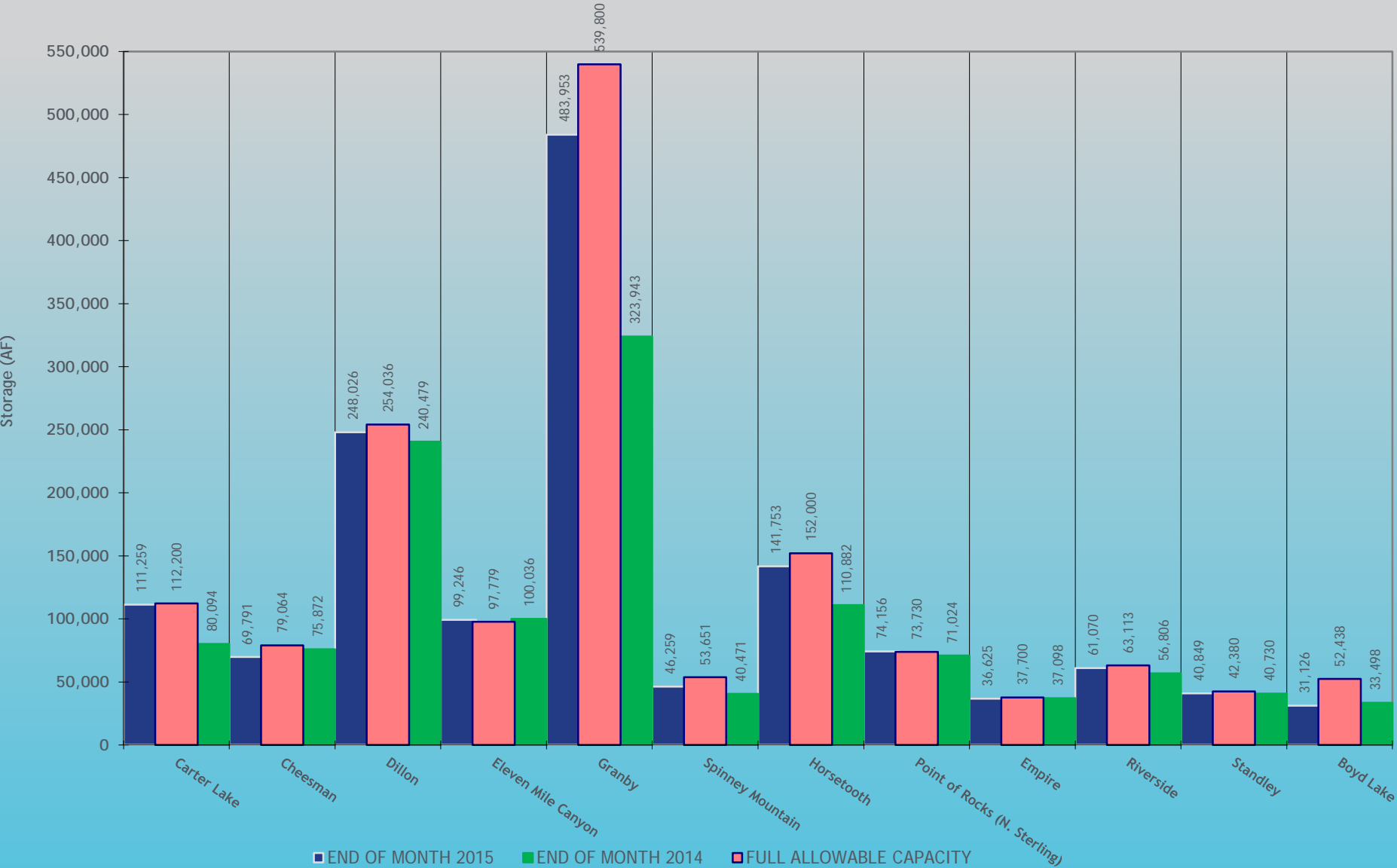
\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



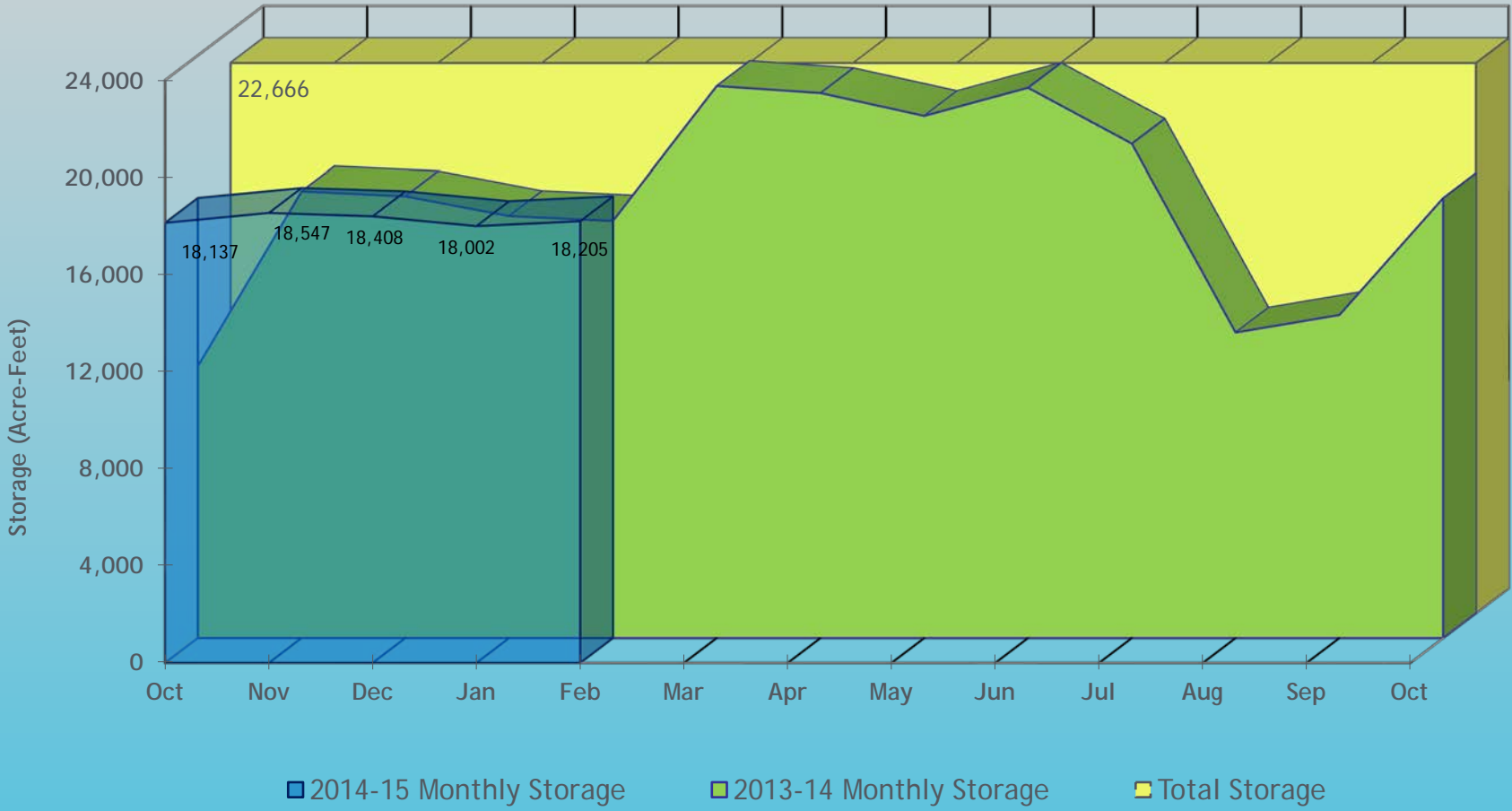
# February Reservoir Change in Storage 2014 versus 2015



# February Reservoir Change in Storage 2014 versus 2015

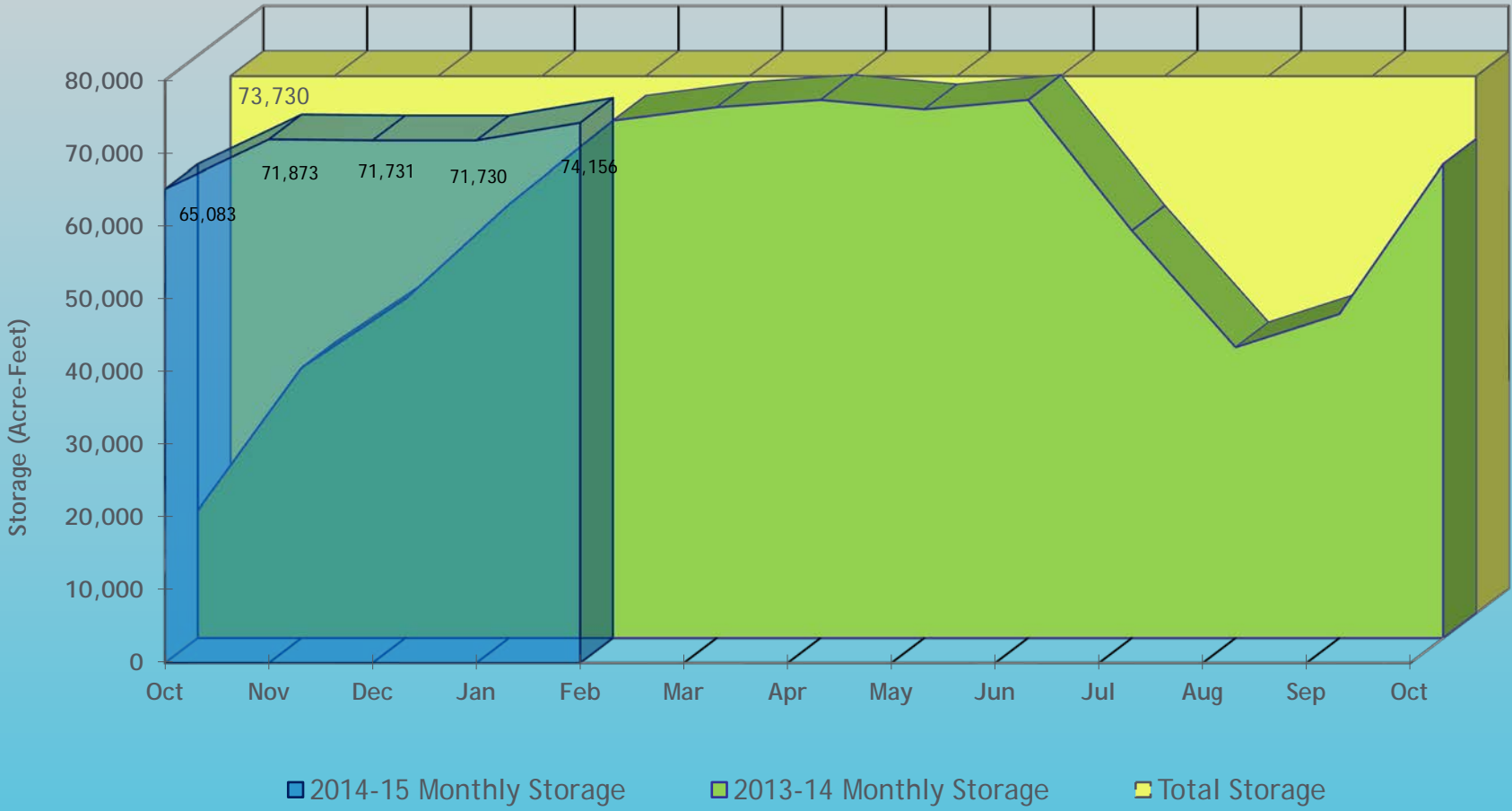


# Julesburg Reservoir (District 64 - Agricultural)

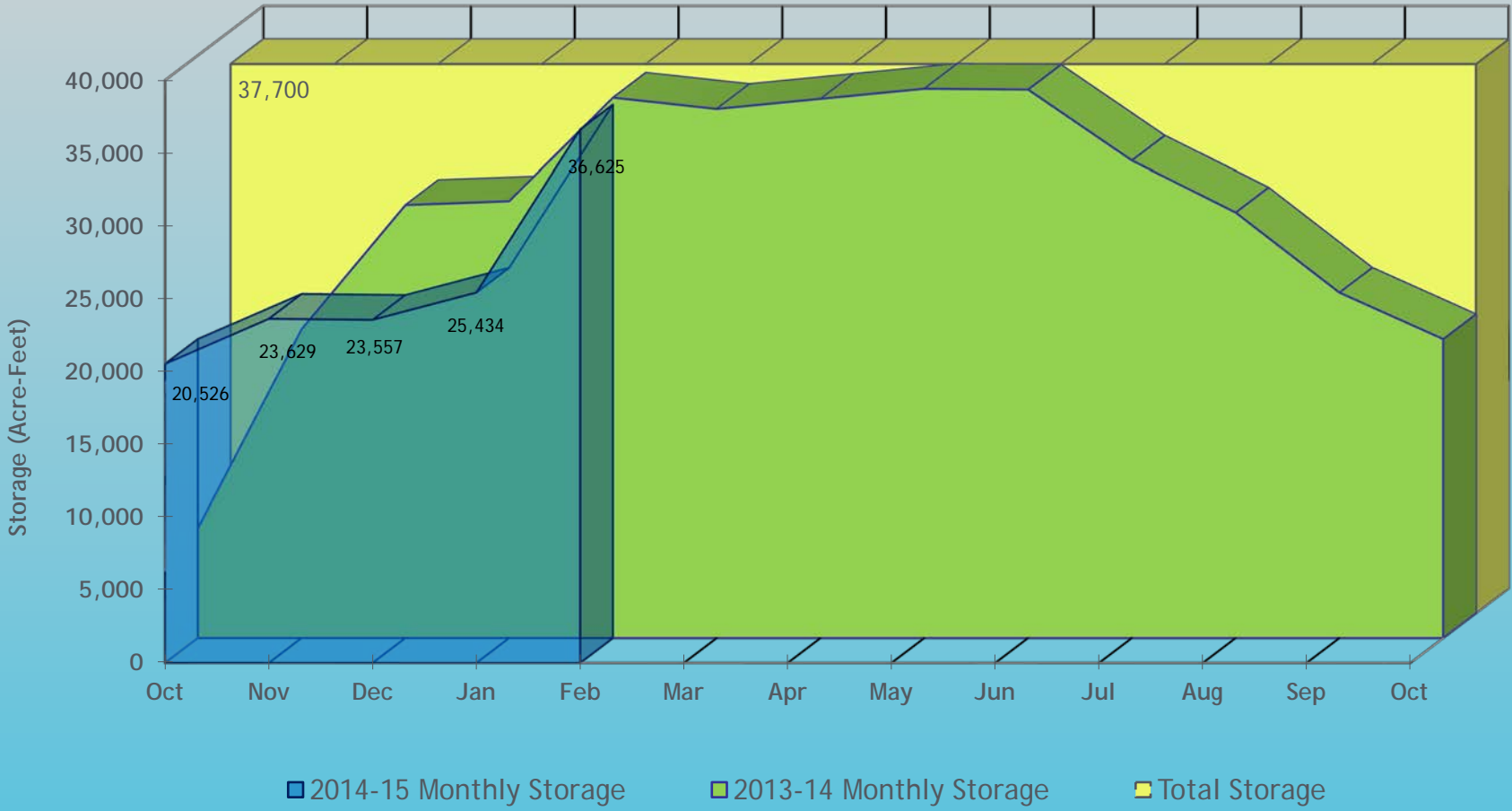




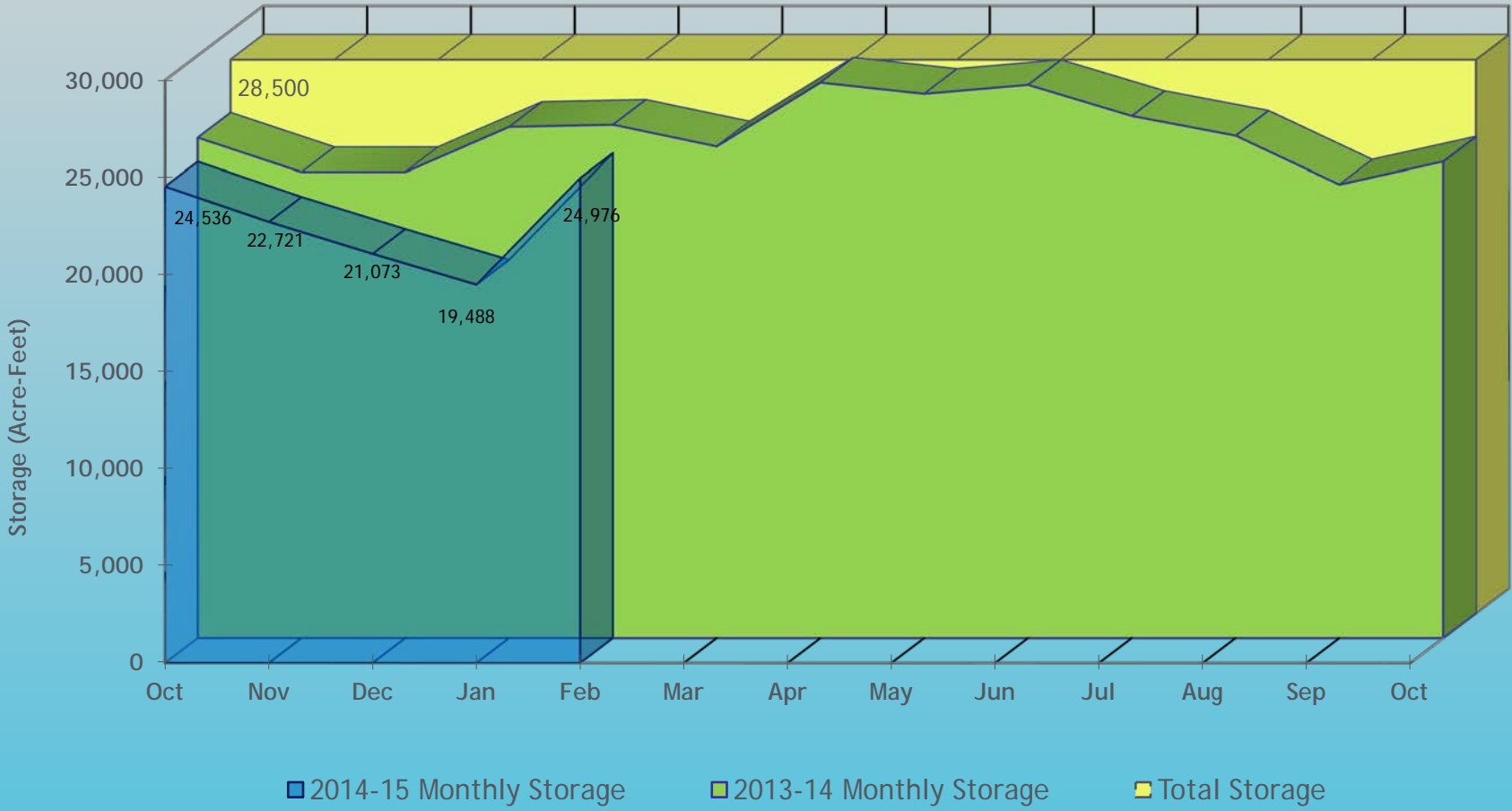
# North Sterling Reservoir (District 64 - Agricultural)



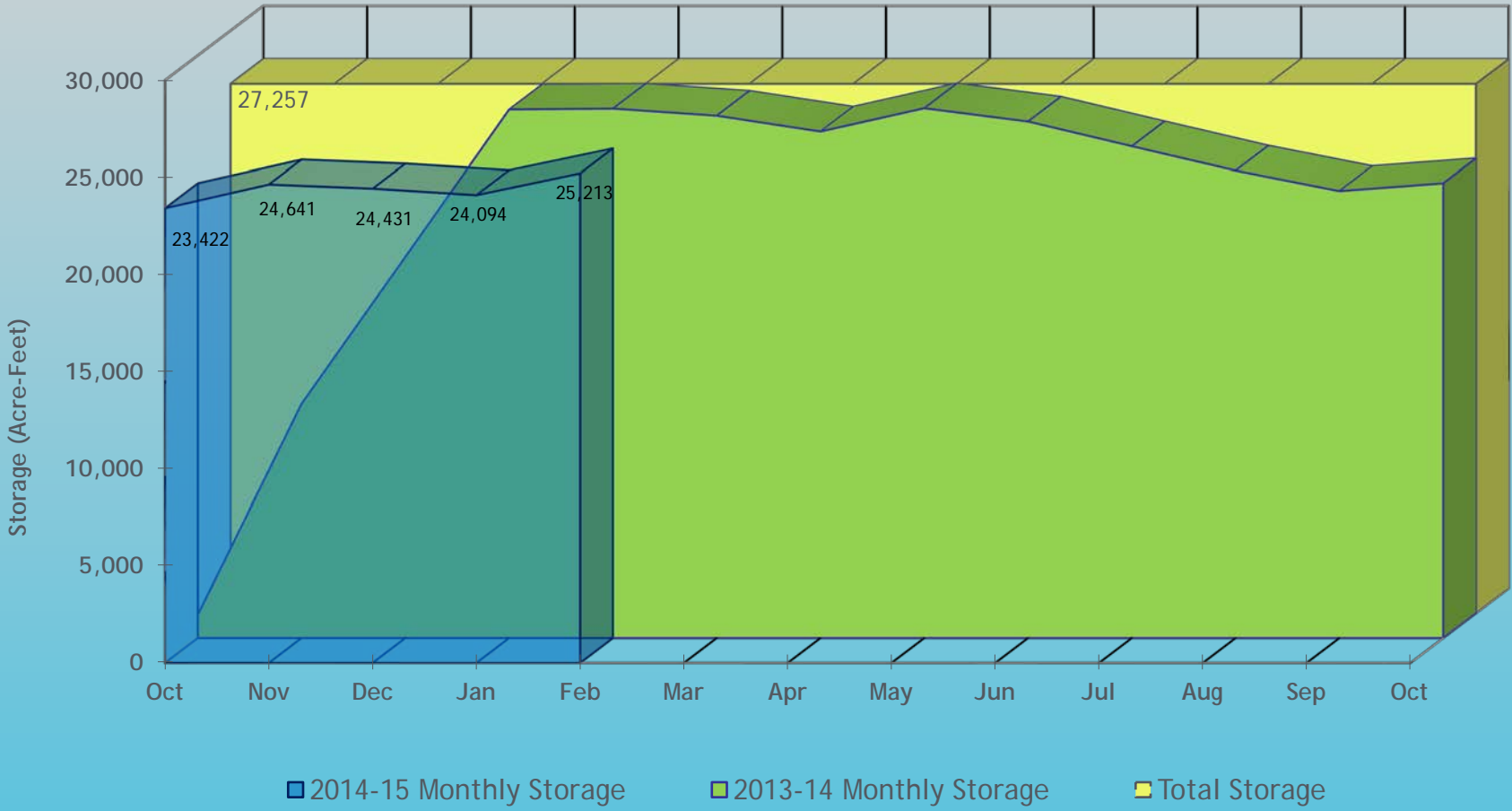
# Empire Reservoir (District 1 - Agricultural)



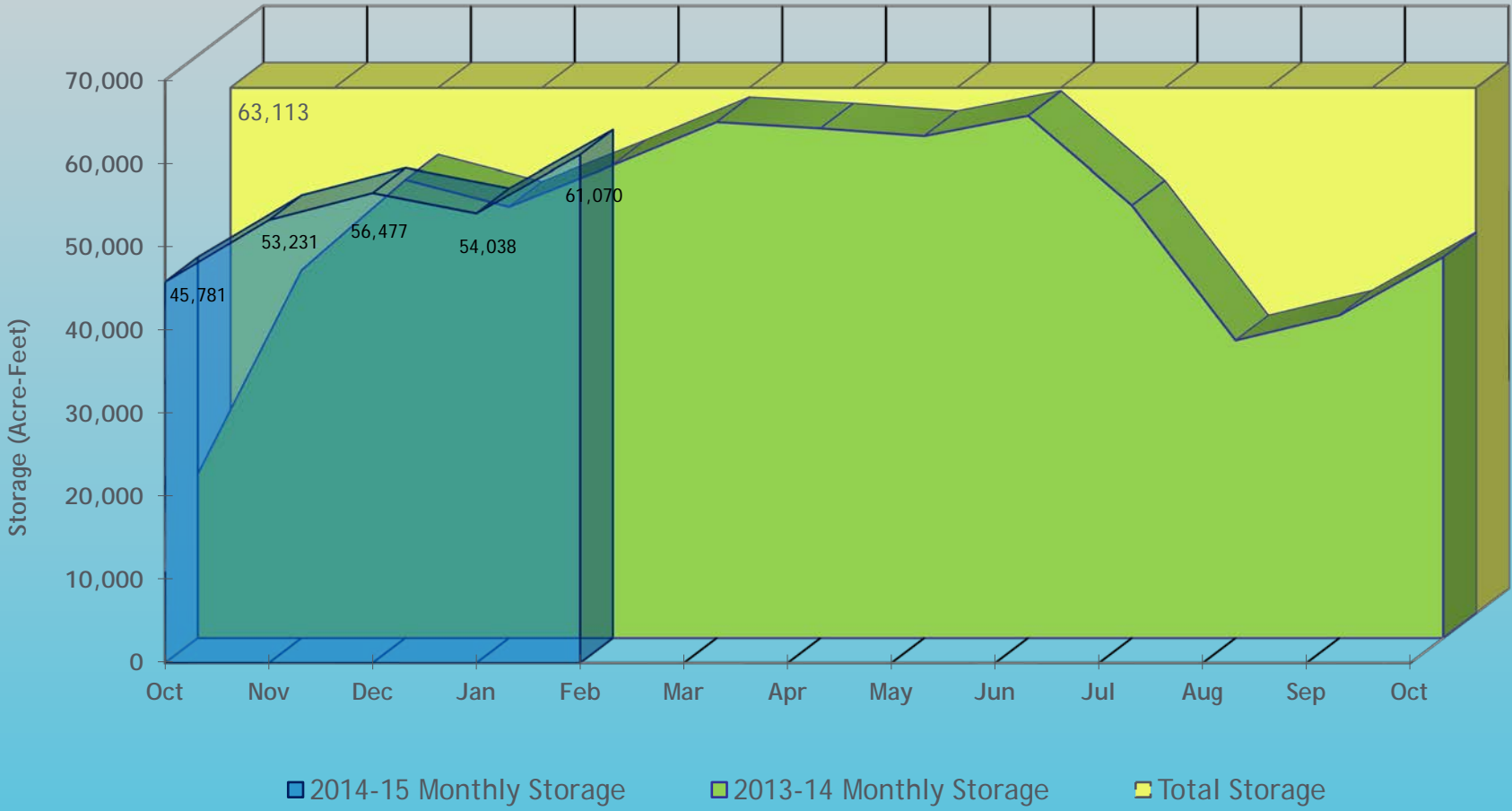
# Prewitt Reservoir (District 64 - Agricultural)



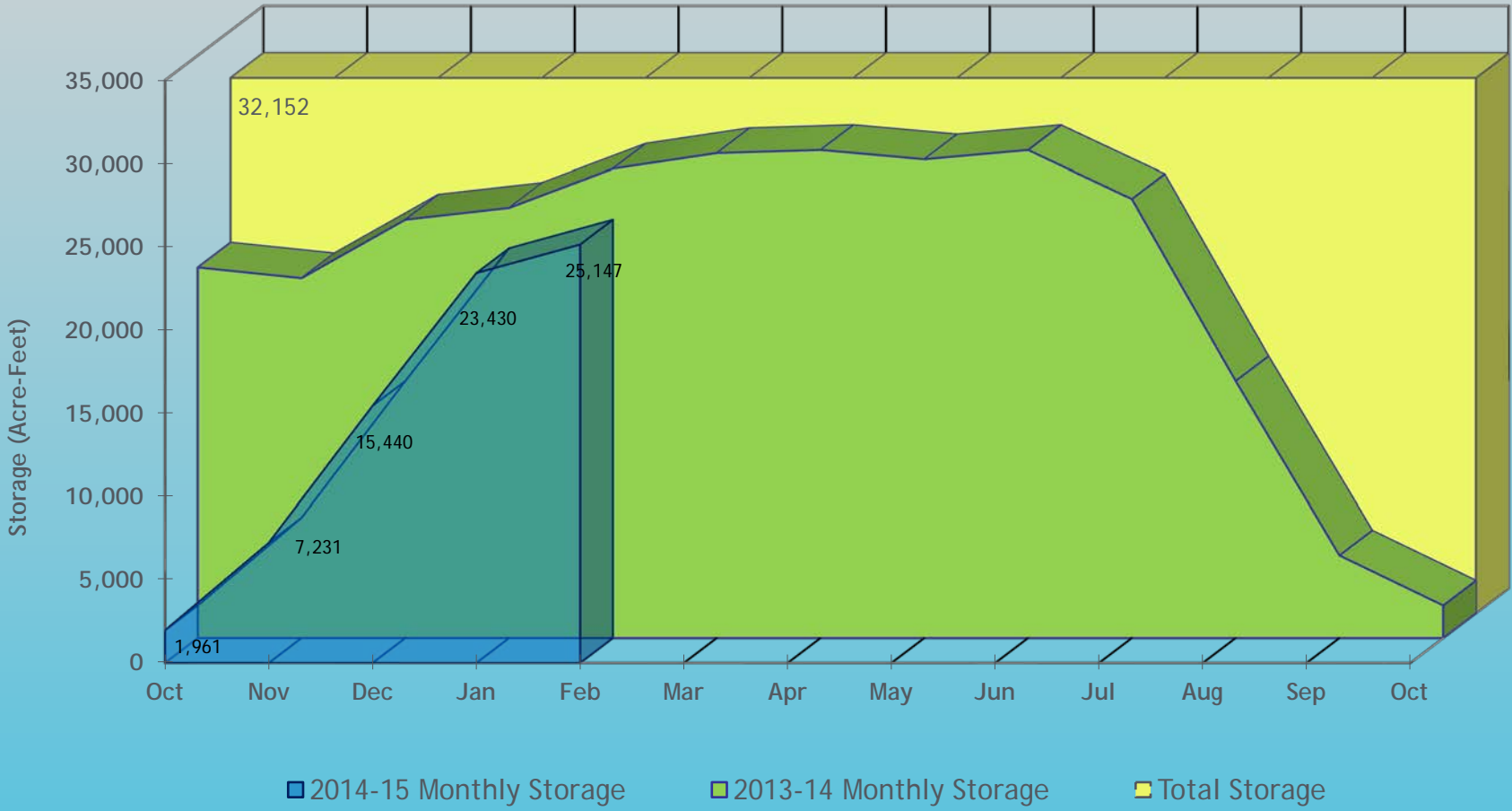
# Jackson Reservoir (District 1 - Agricultural)



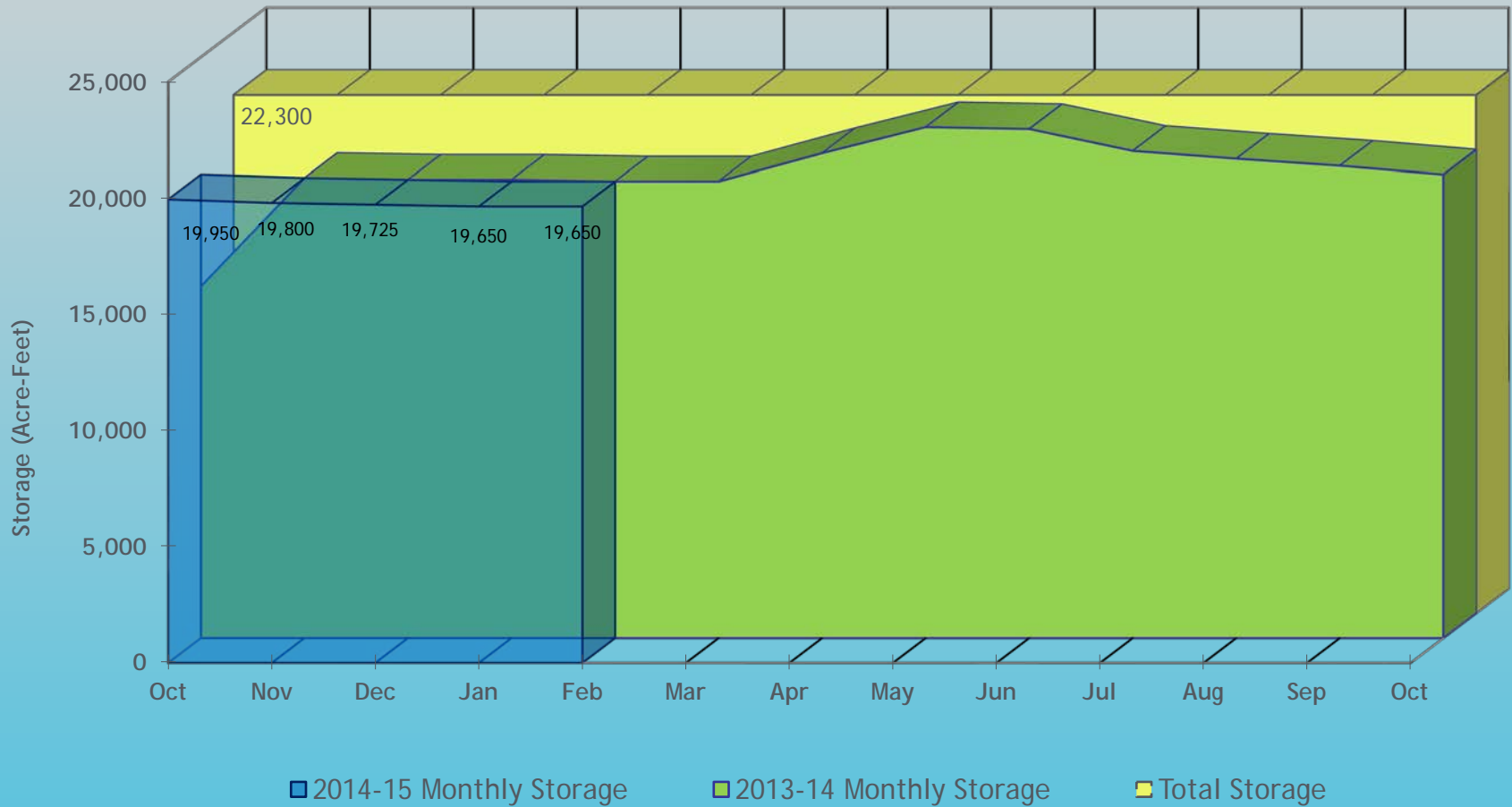
# Riverside Reservoir (District 1 - Agricultural)



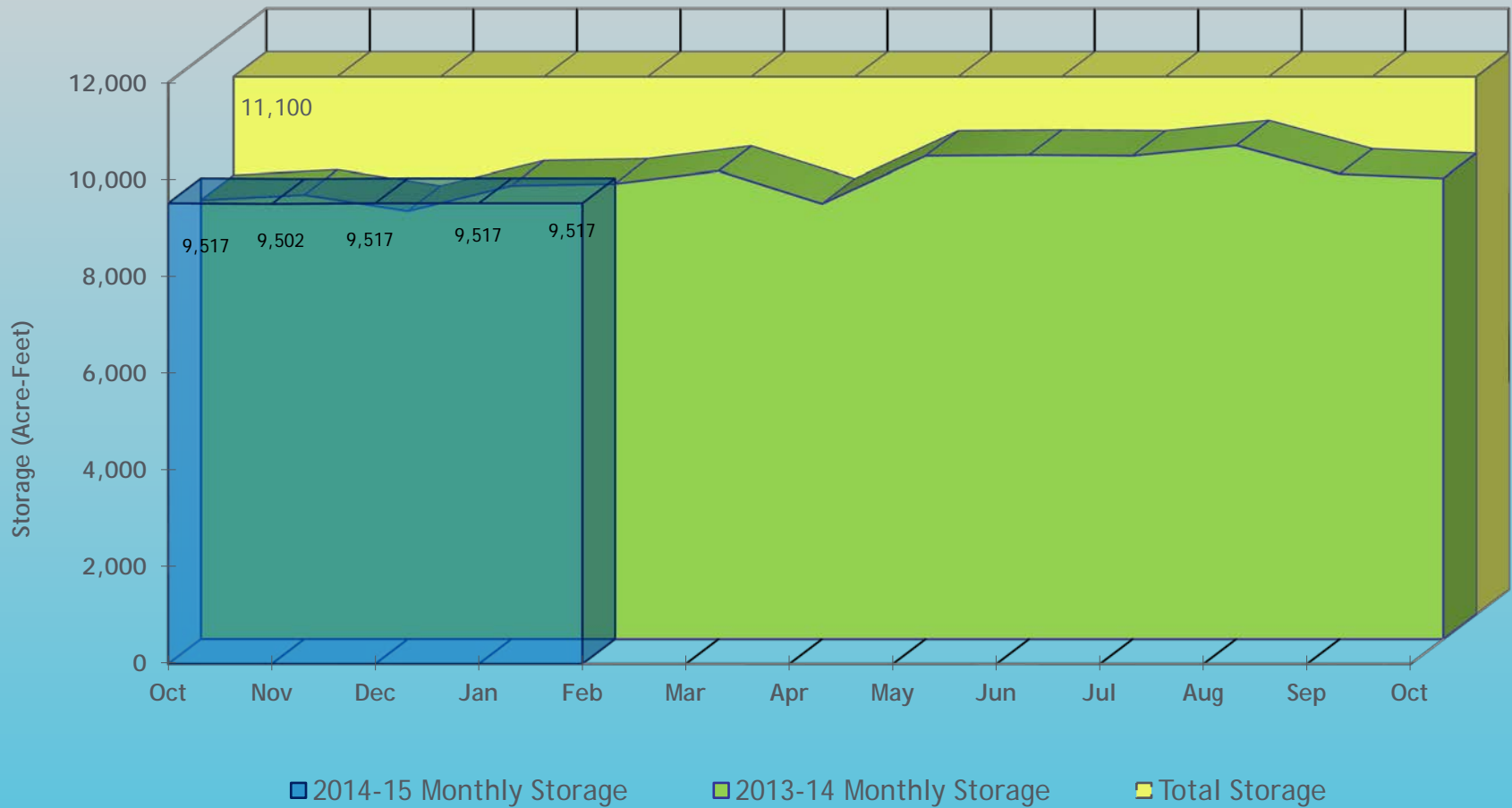
# Barr Reservoir (District 2 - Agricultural)



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

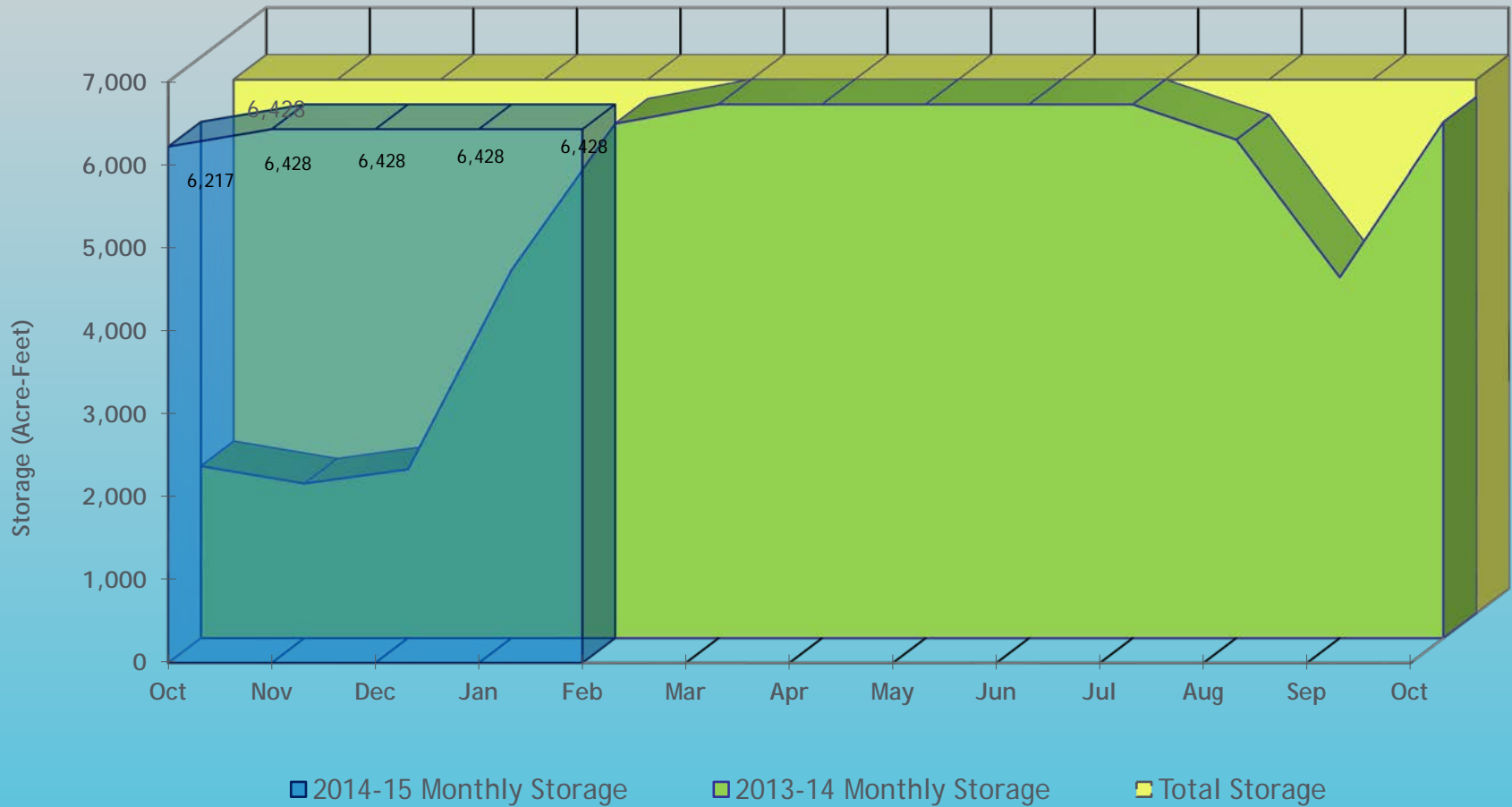


# Fossil Creek Reservoir (District 3, Poudre River - Agricultural)

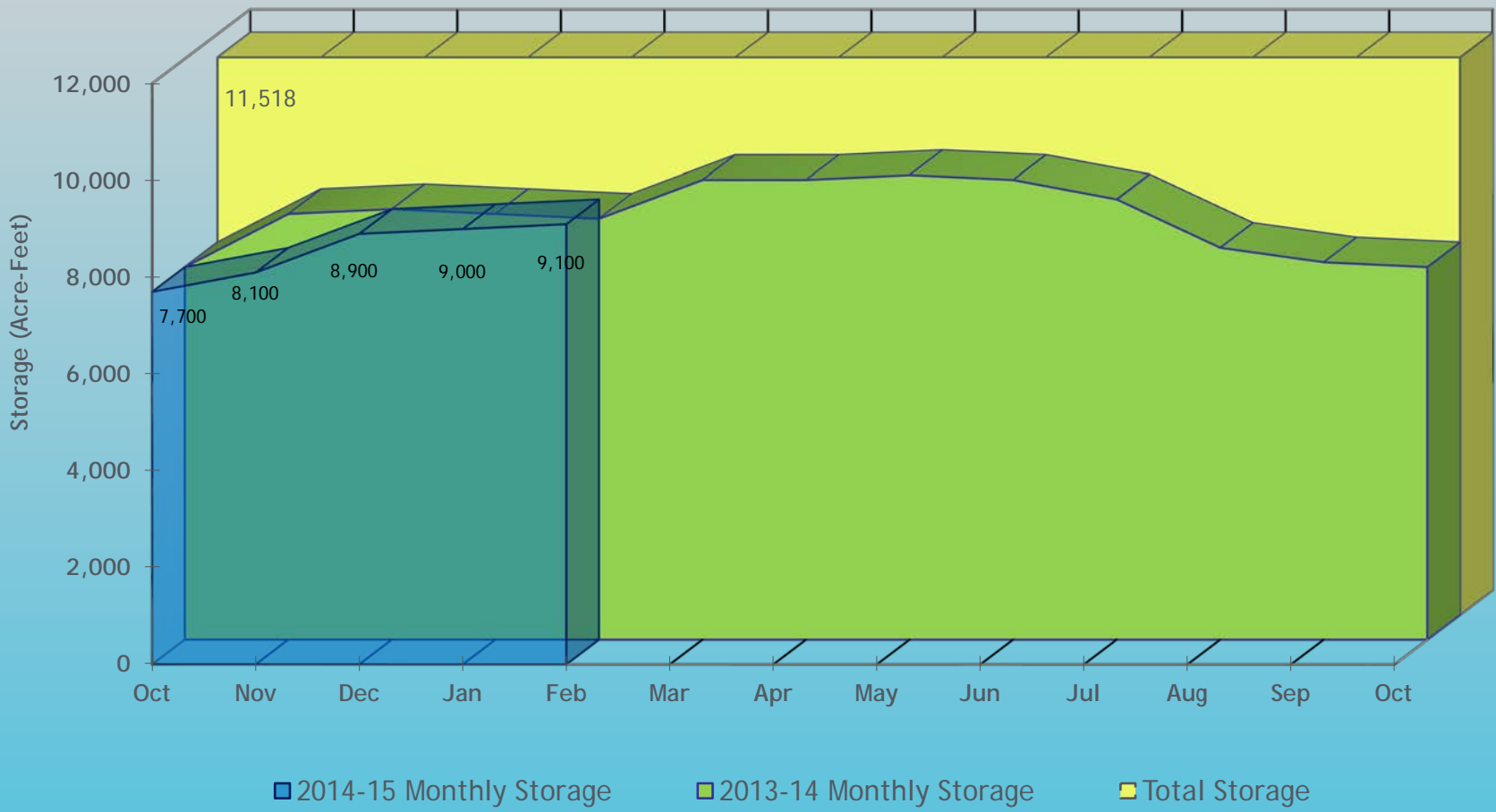




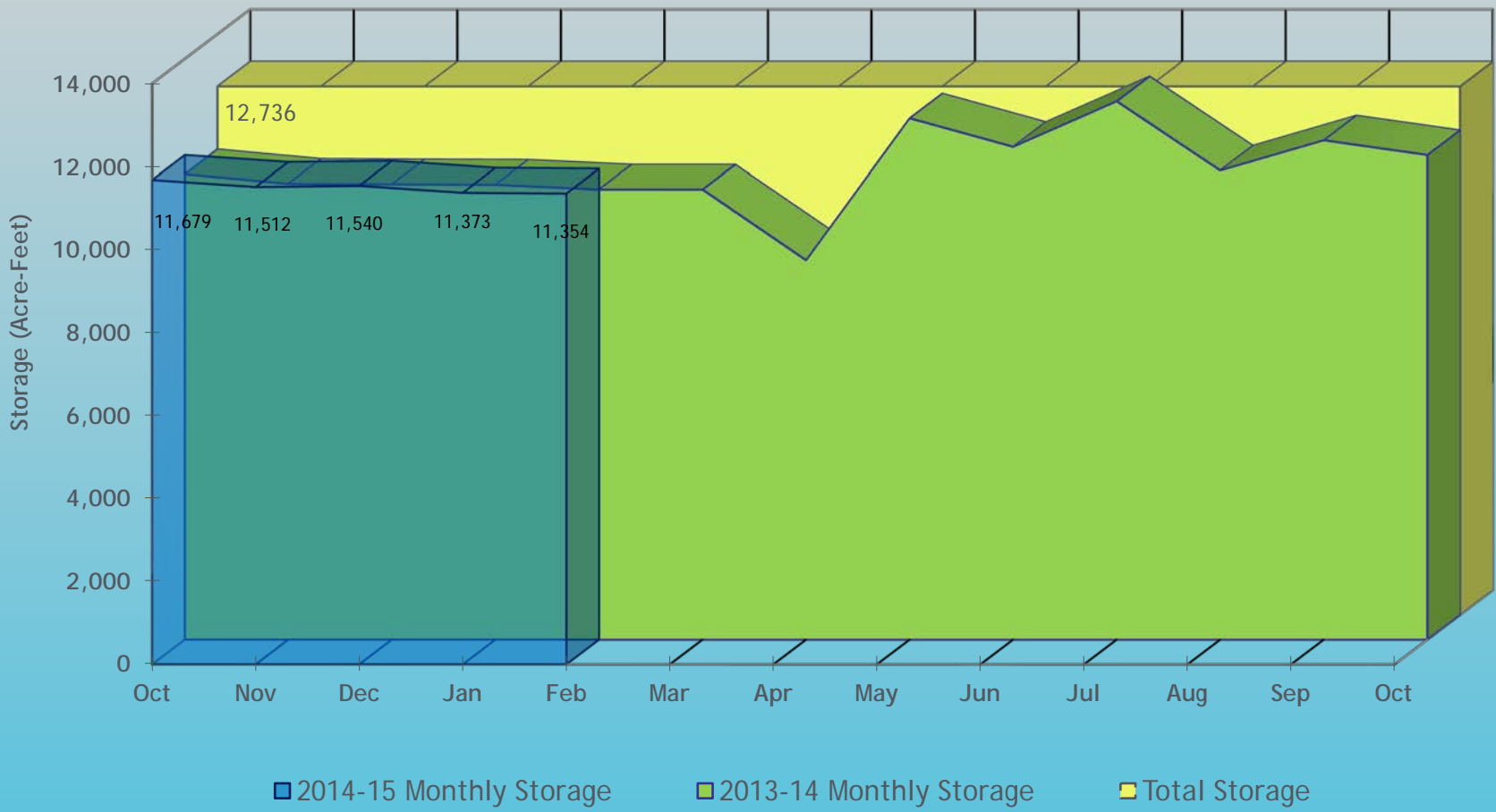
# Halligan Reservoir (District 3, Poudre River - Agricultural)



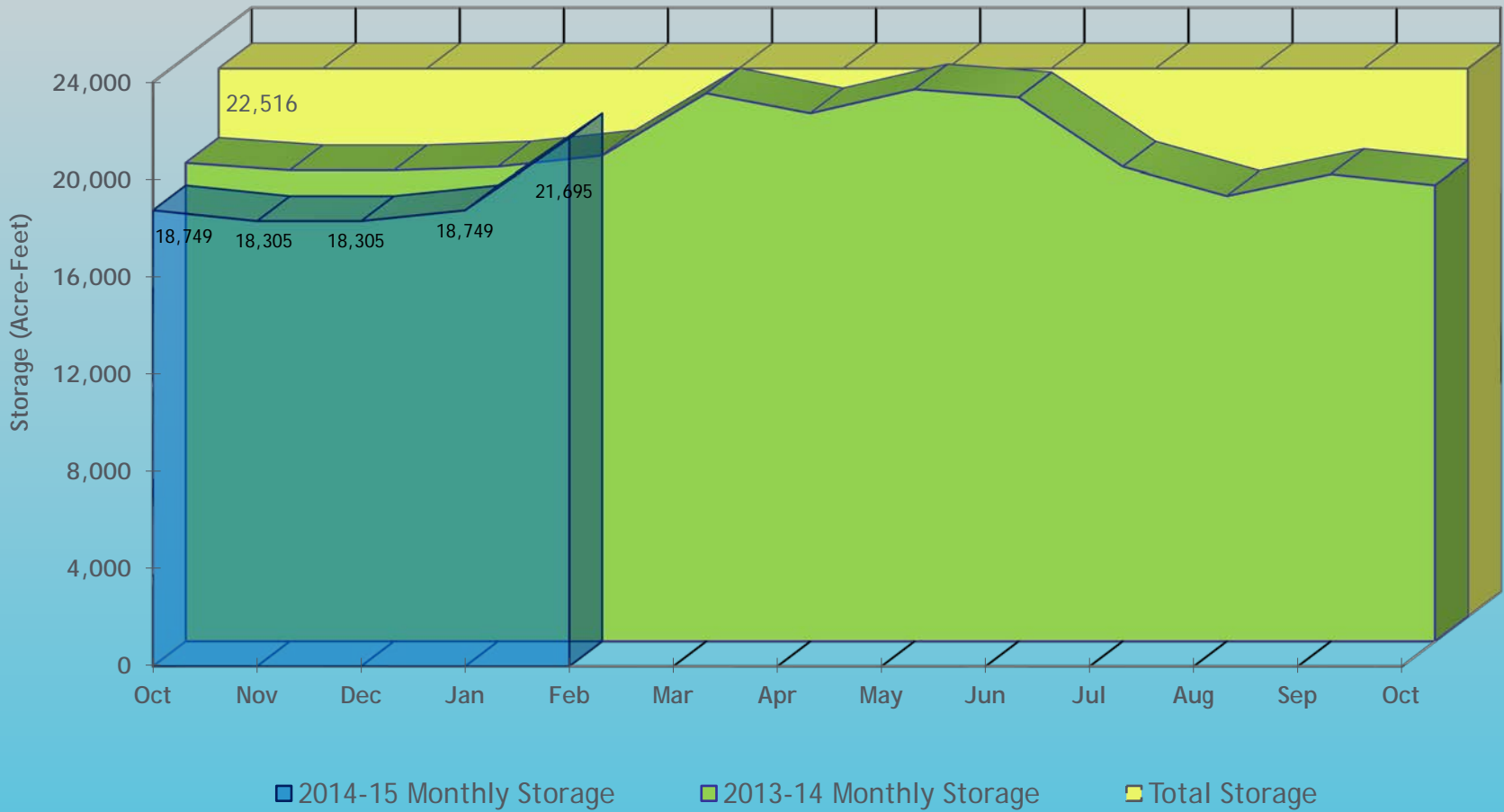
# Marshall Lake (District 6, Boulder Creek - Agricultural)



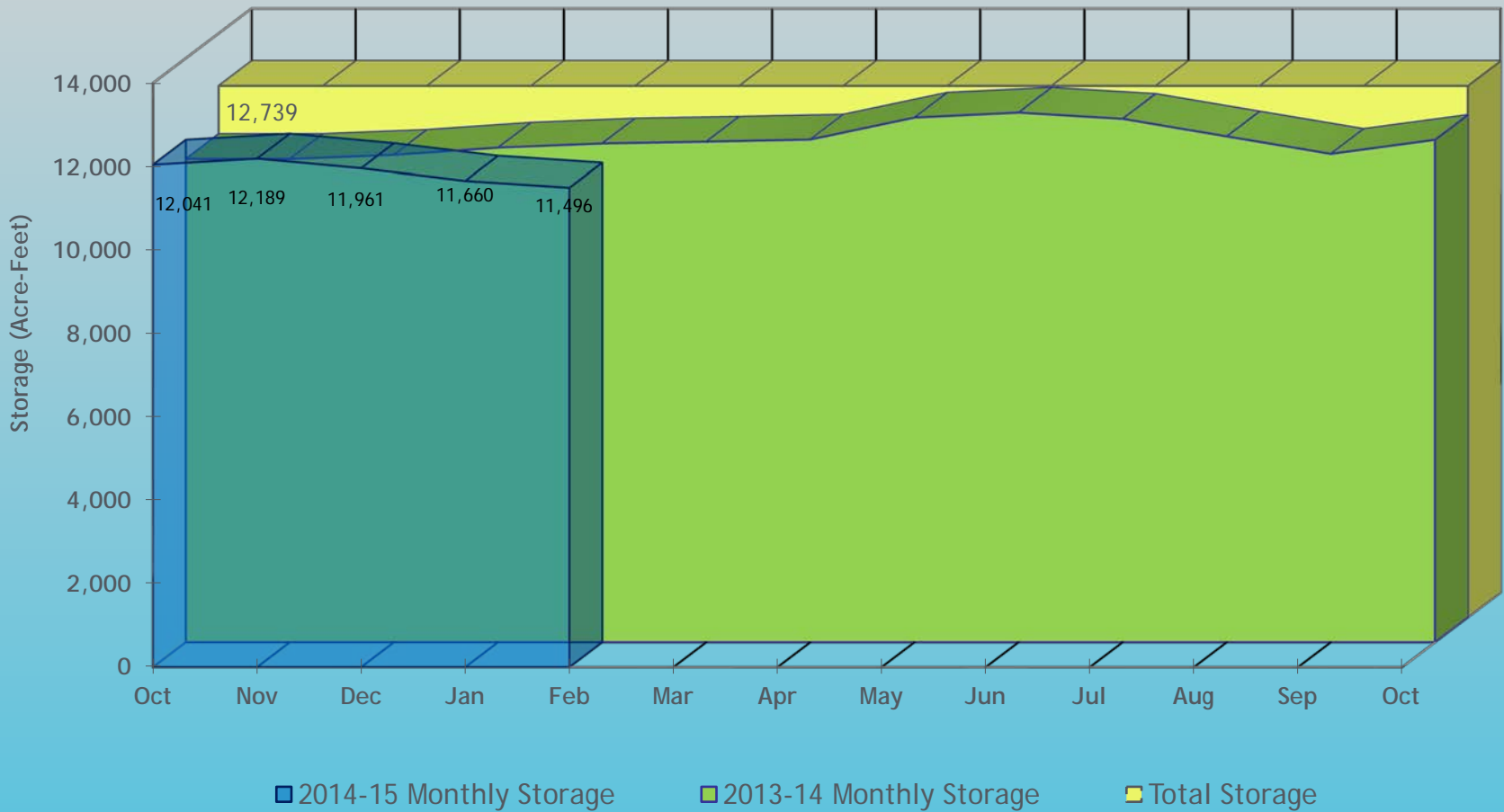
# Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



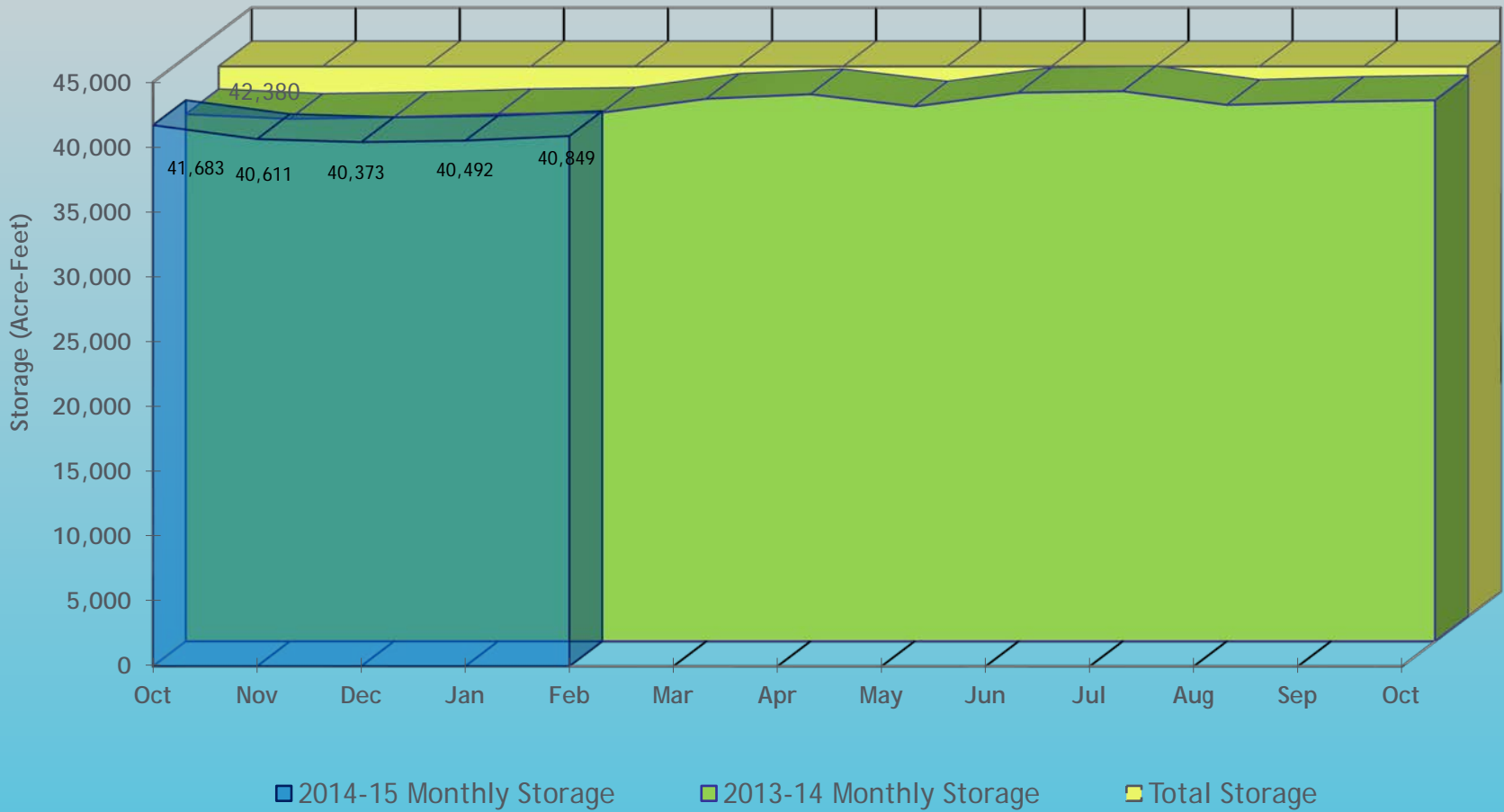
# Milton Reservoir (District 2 - Agricultural)



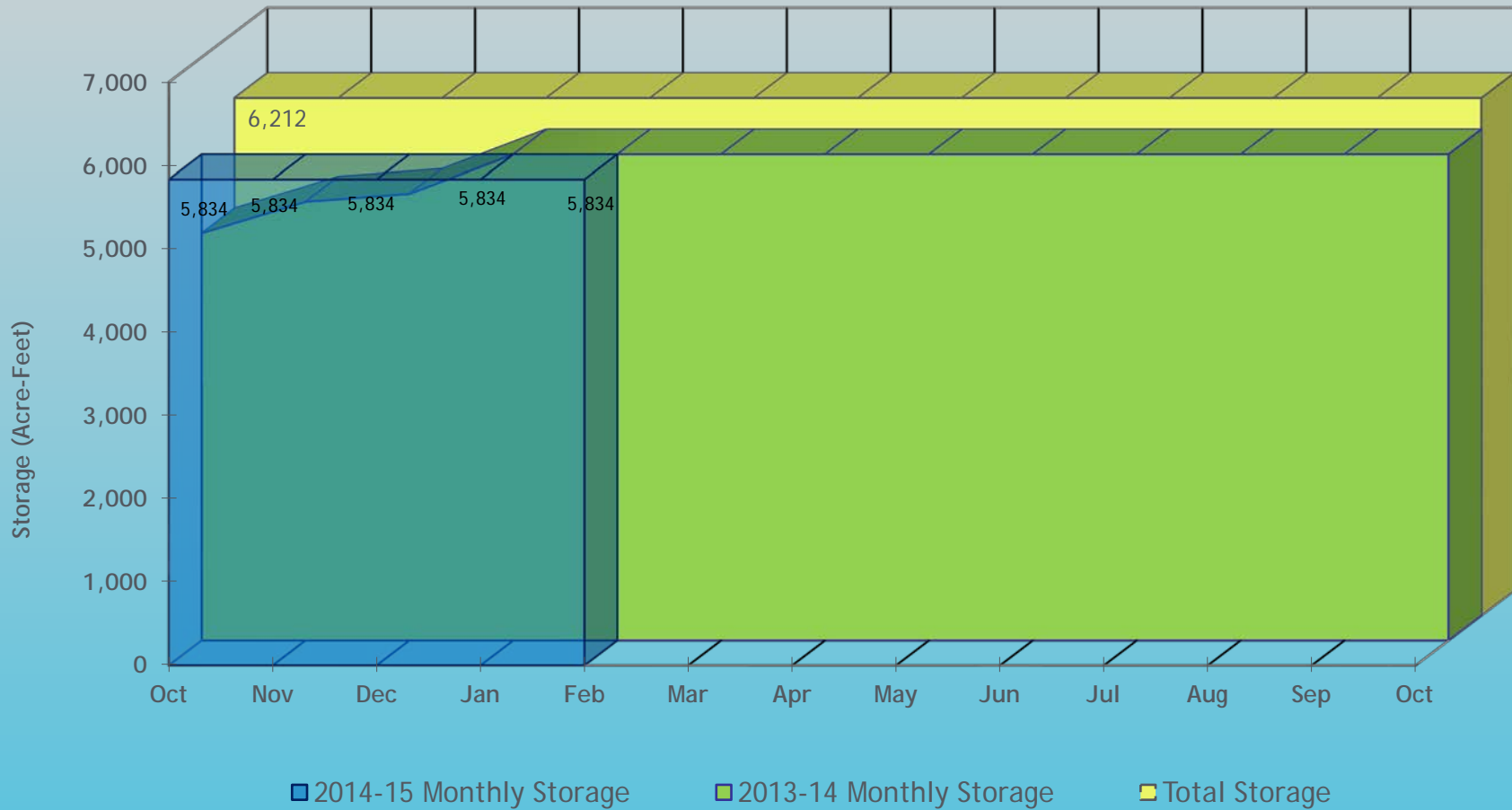
# Union Reservoir (District 5, St. Vrain Creek - Agricultural)



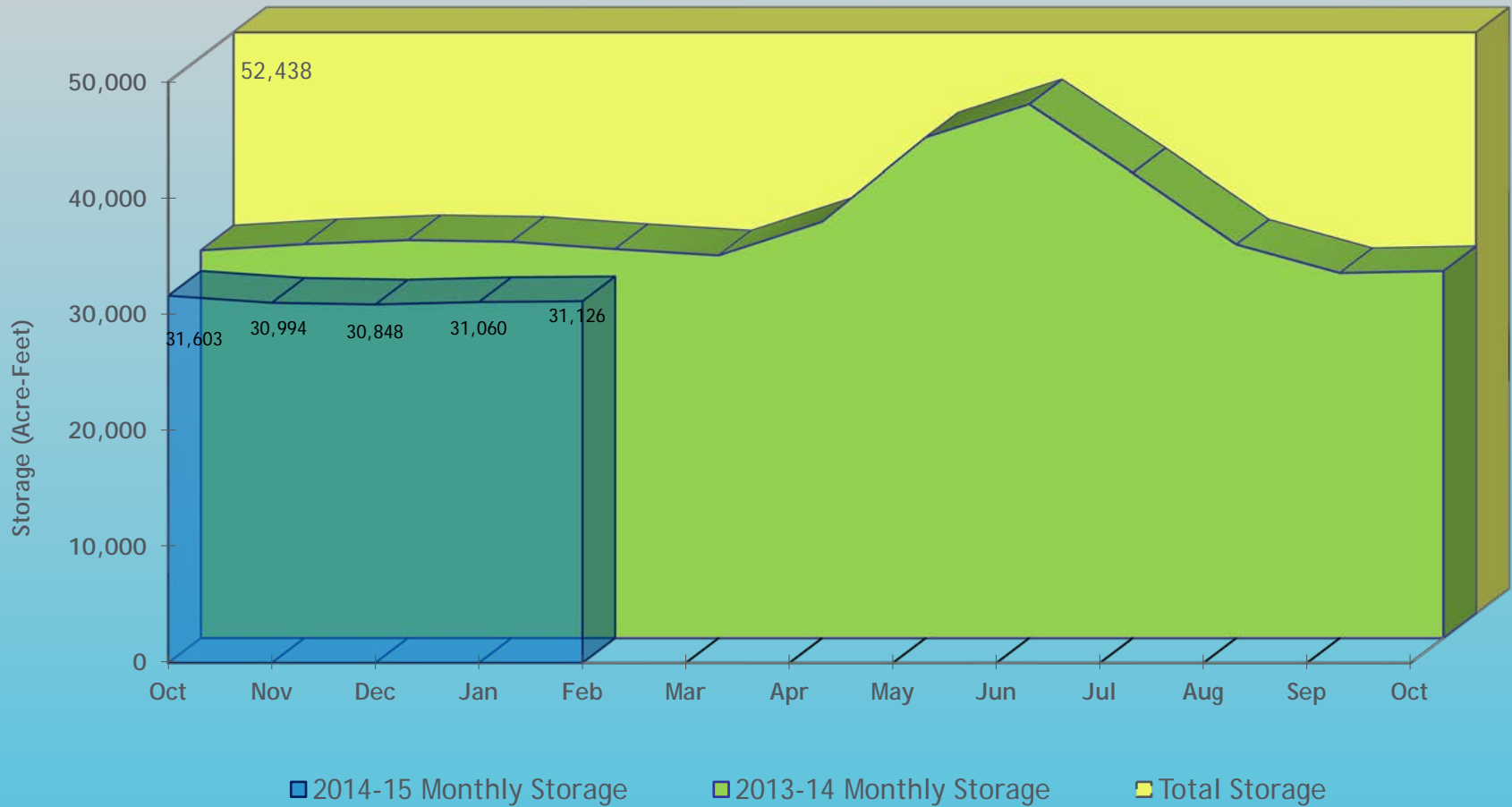
# Standley Lake (Agricultural)



# Lower Latham Reservoir (District 2 - Agricultural)

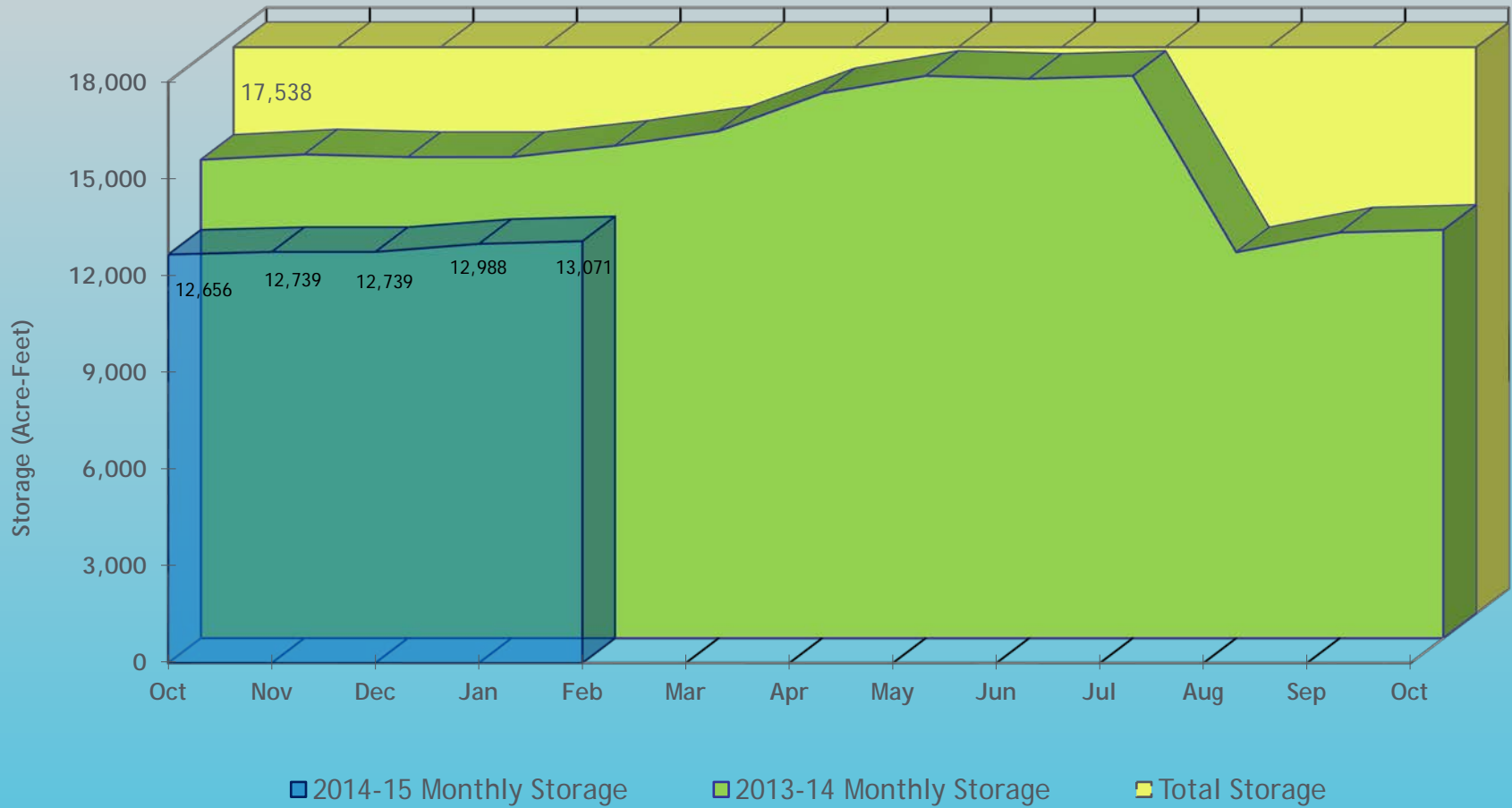


# Boyd Lake (District 4, Big Thompson River - Agricultural)

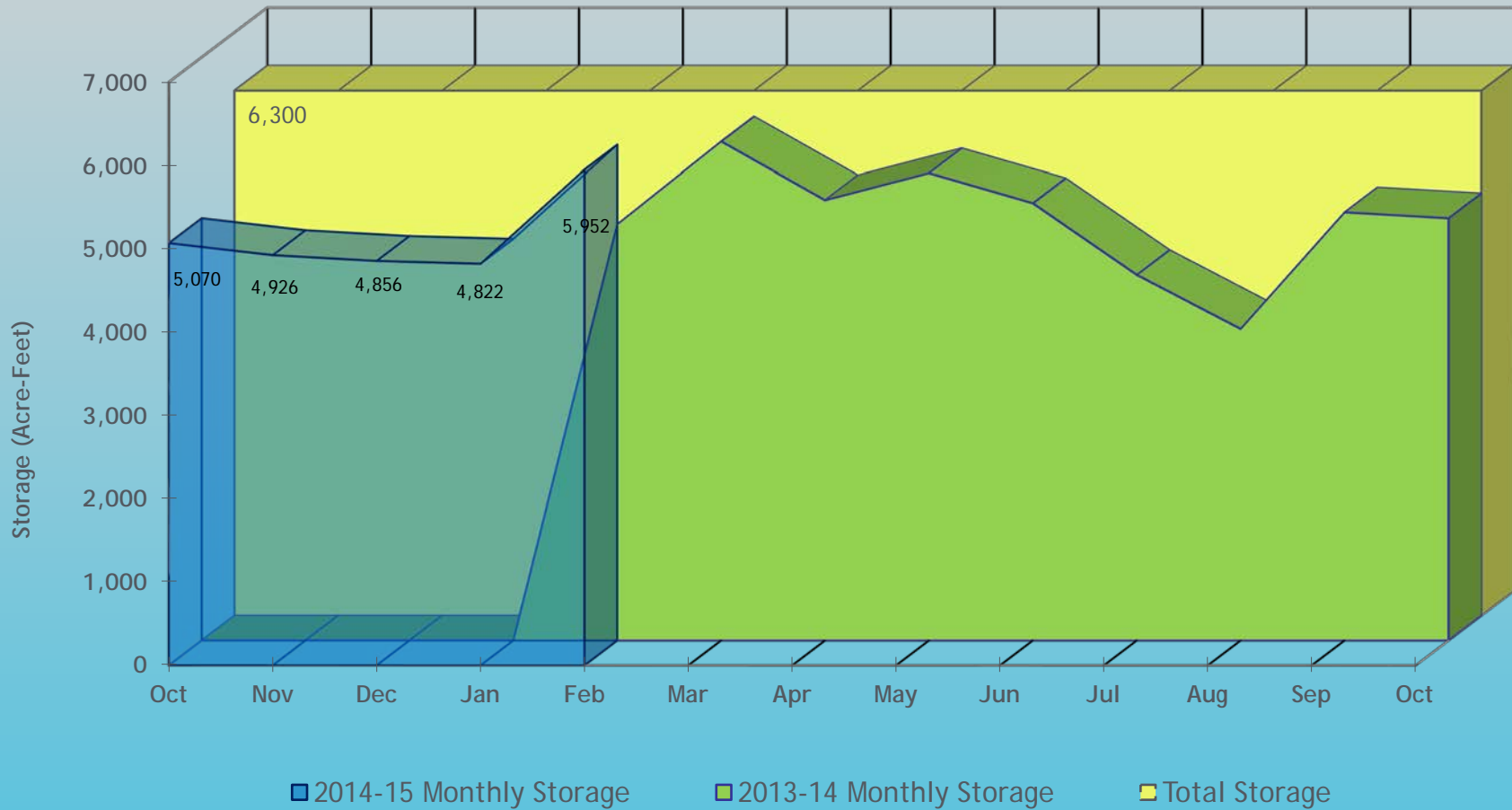




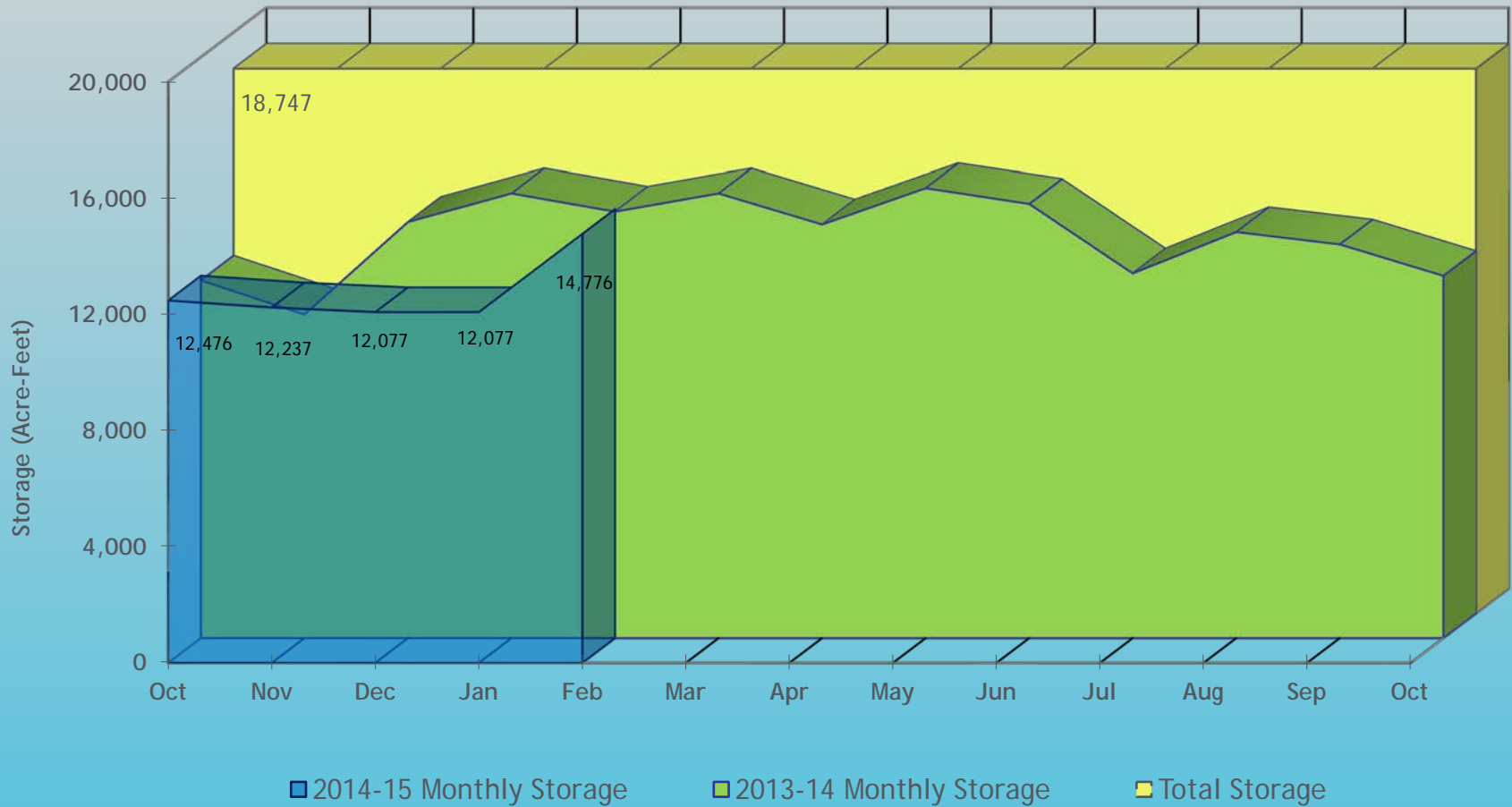
# Windsor Reservoir (District 3, Poudre River - Agricultural)



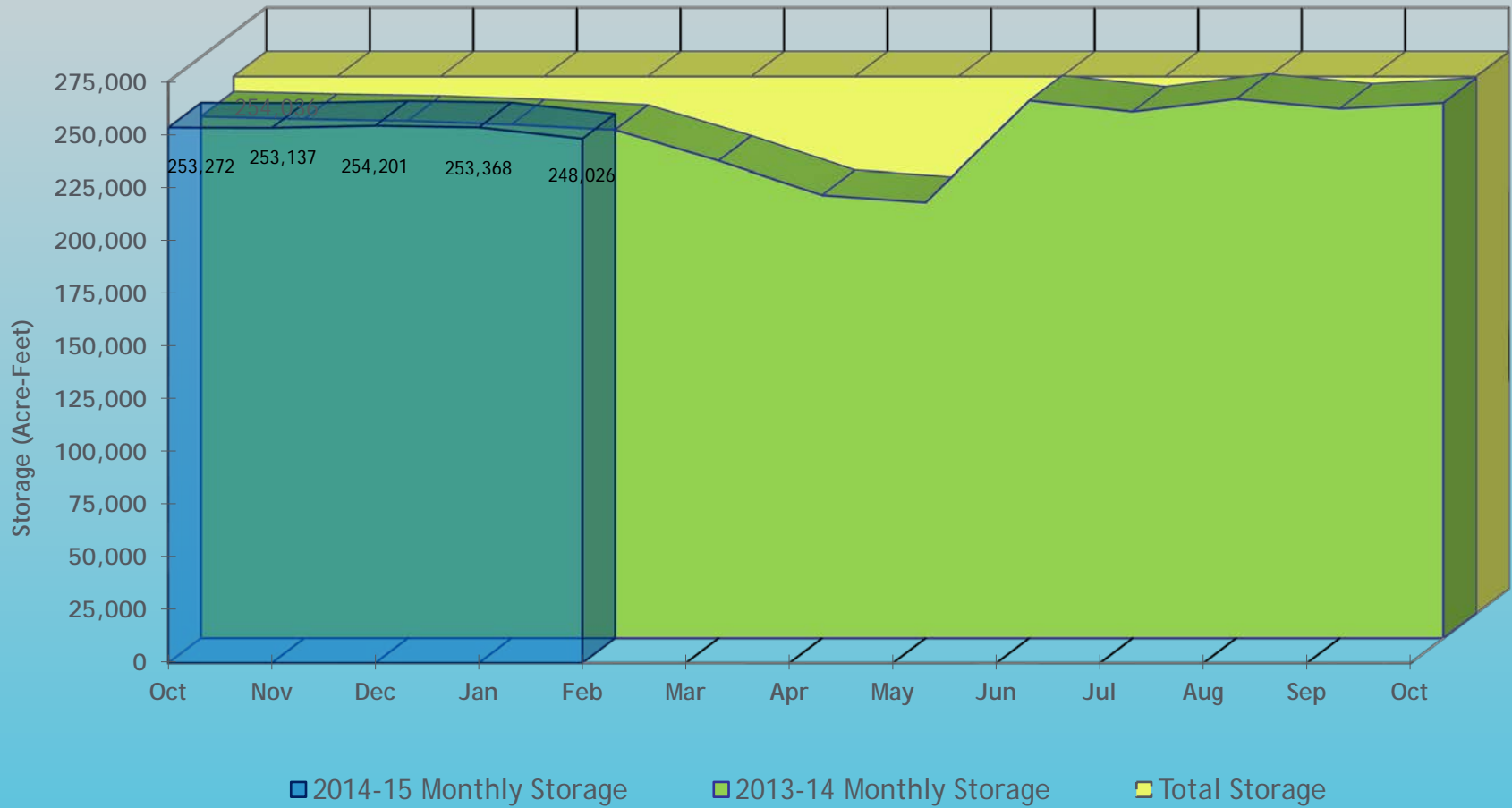
# Prospect Reservoir (District 1 - Agricultural)



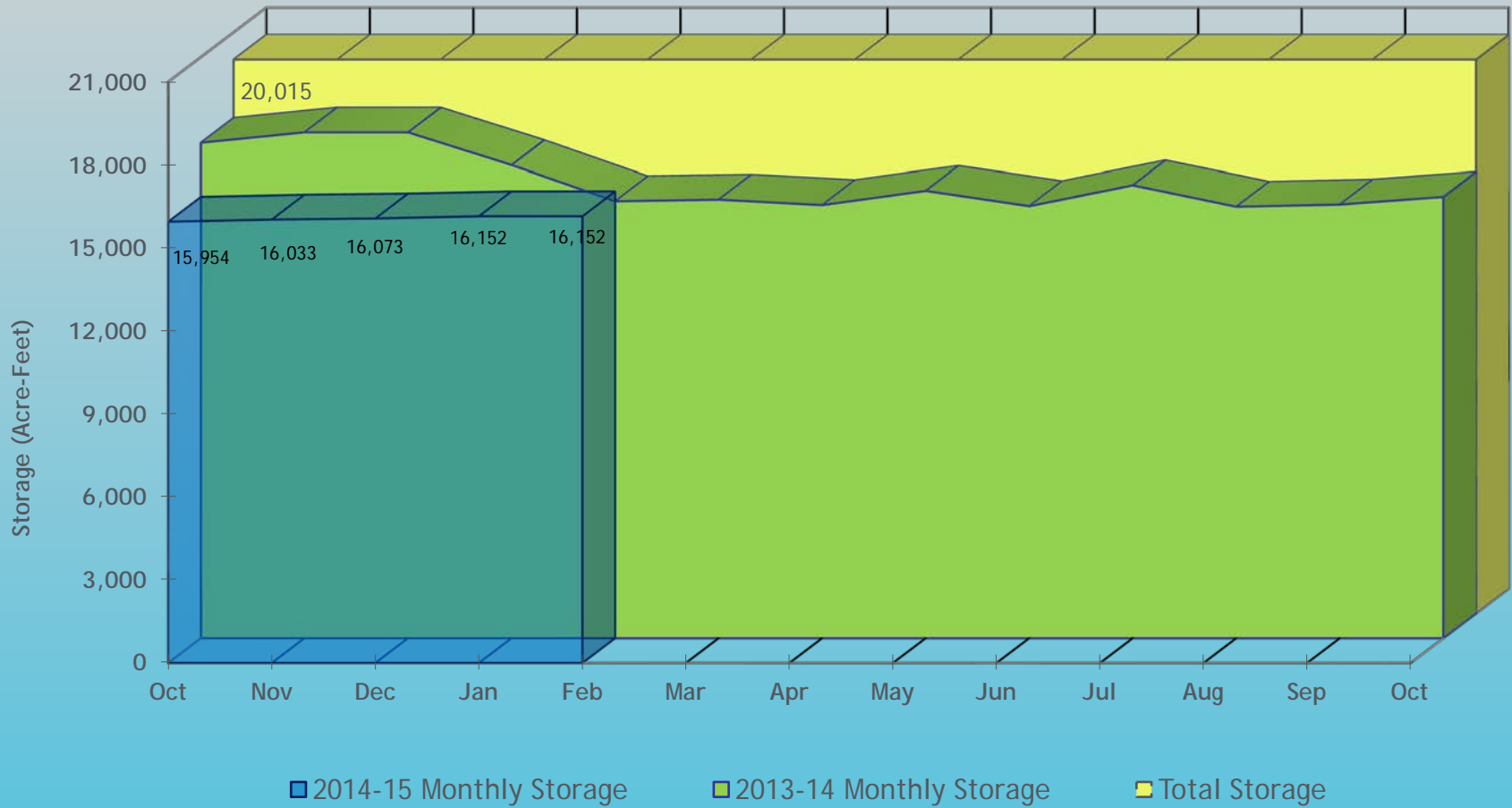
# Horse Creek Reservoir (District 1 - Agricultural)



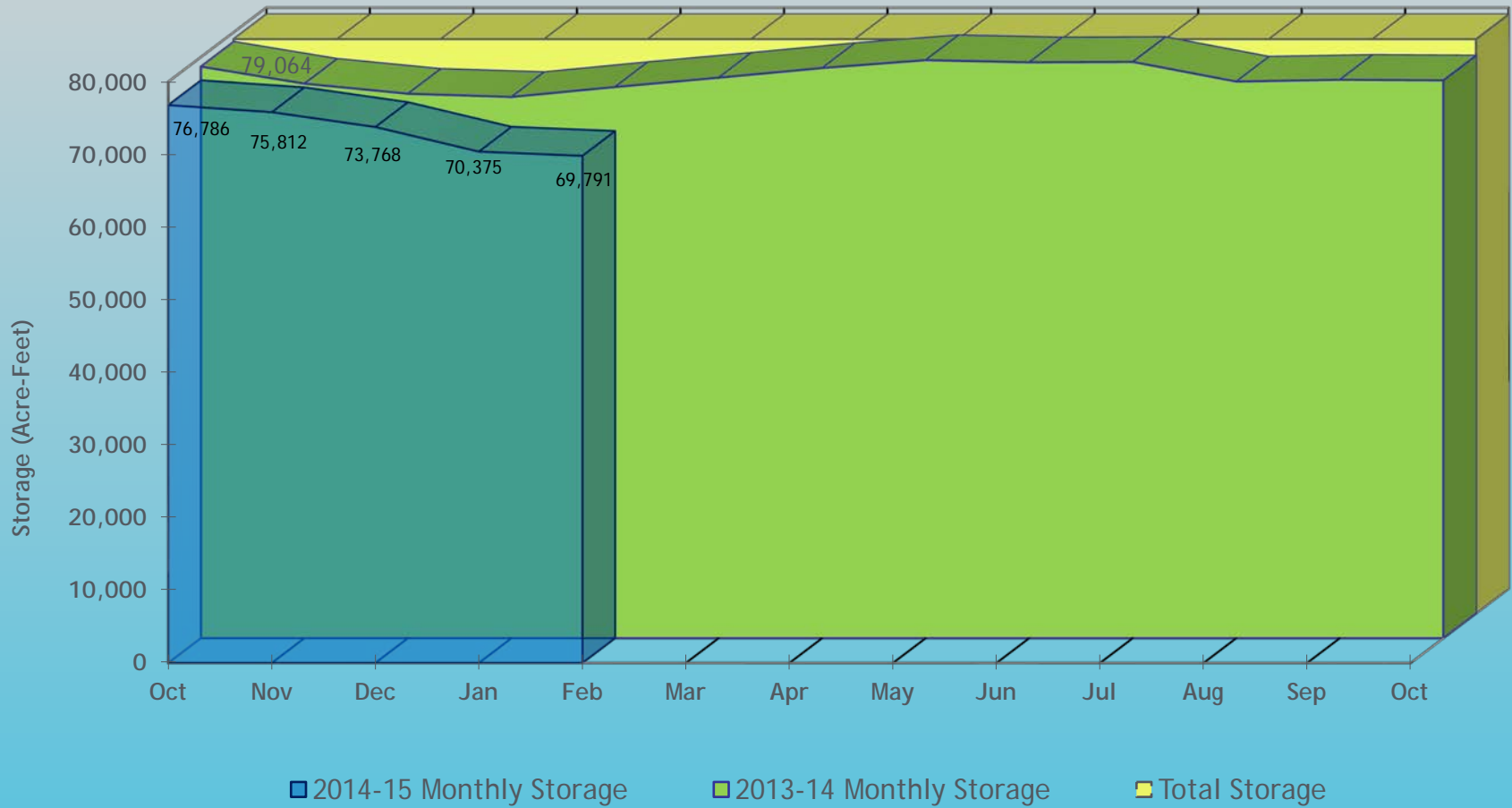
# Dillon Reservoir (District 1 - Municipal)



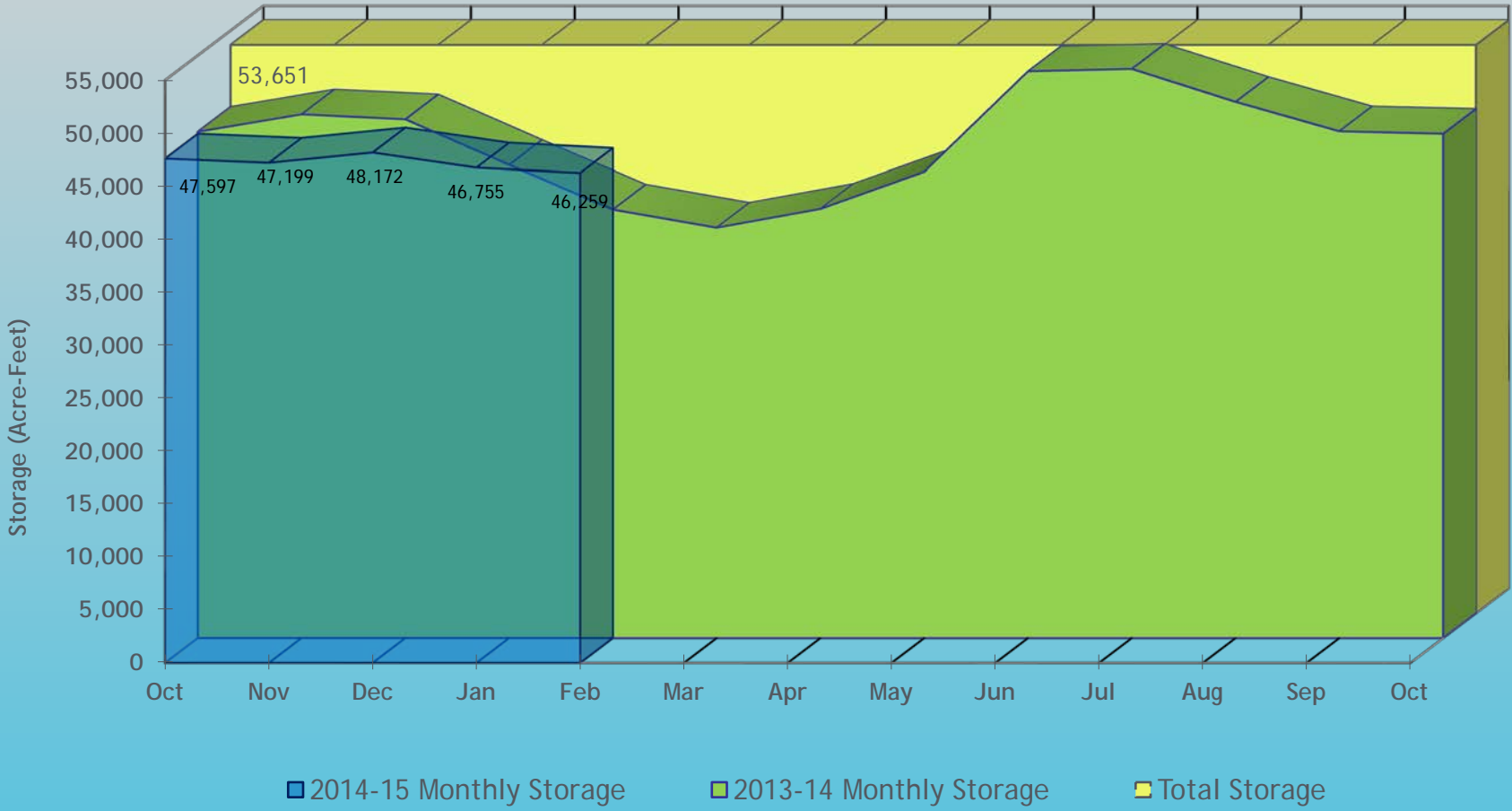
# Antero Reservoir (District 23 - Municipal)



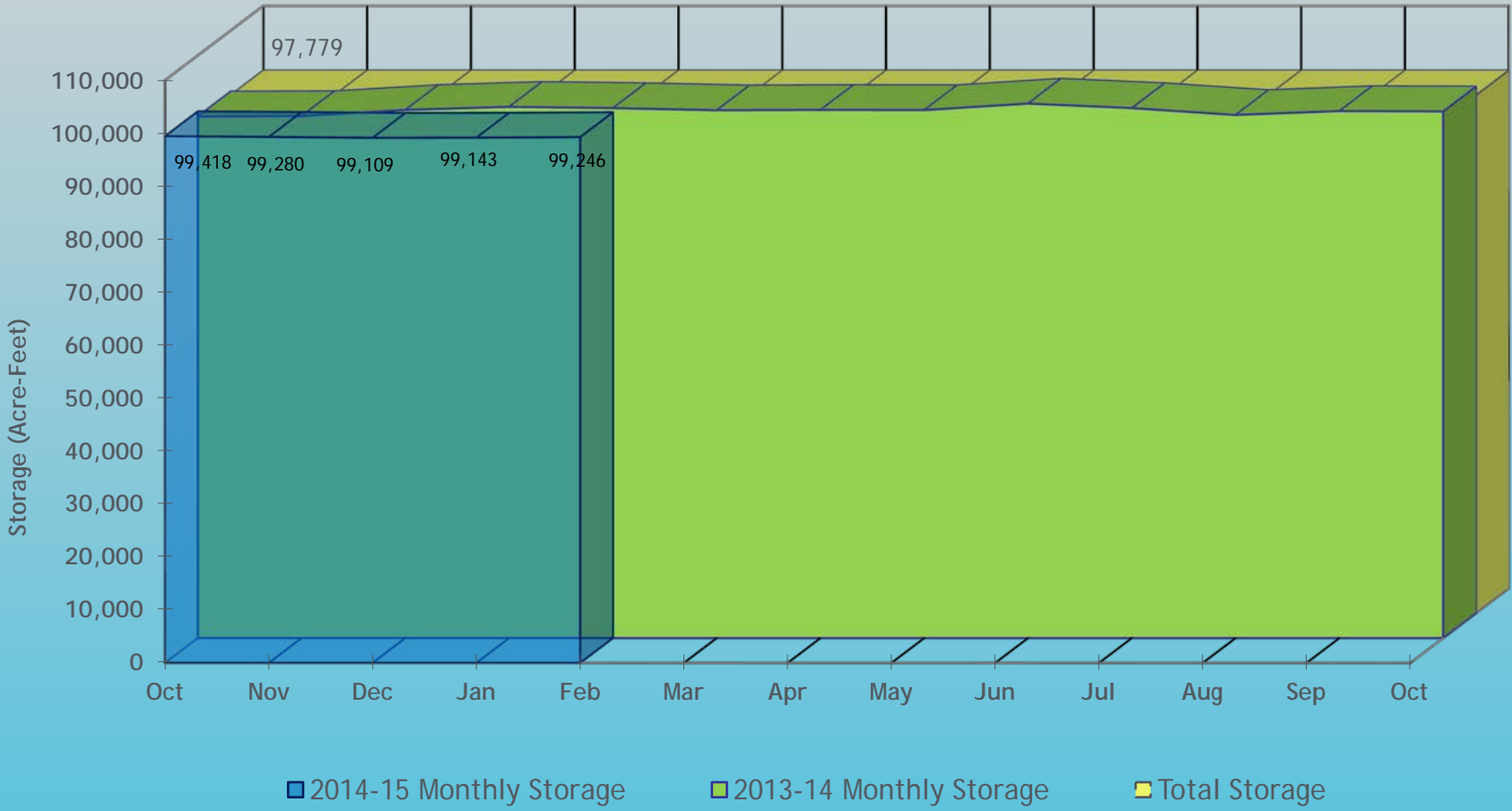
# Cheesman Reservoir (District 80 - Municipal)



# Spinney Mountain Reservoir (District 23 - Municipal)



# Eleven Mile Reservoir (District 23 - Municipal)





# Lake Granby

