

South Platte Summary

August 2013



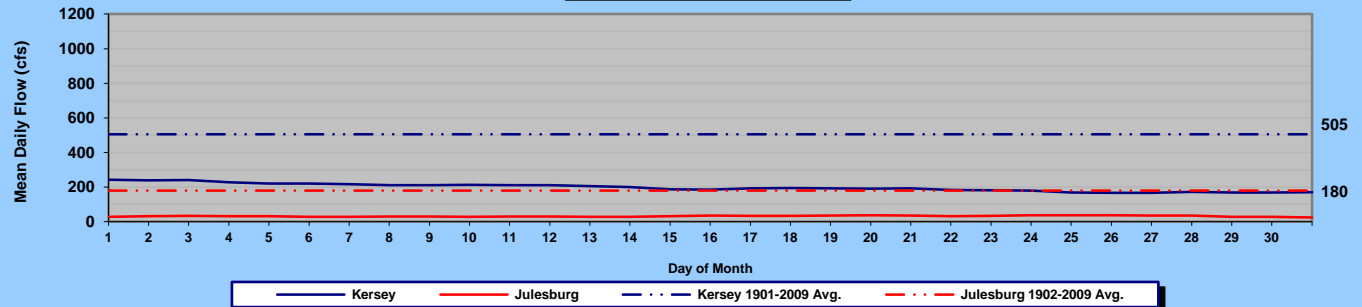
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF August 2013

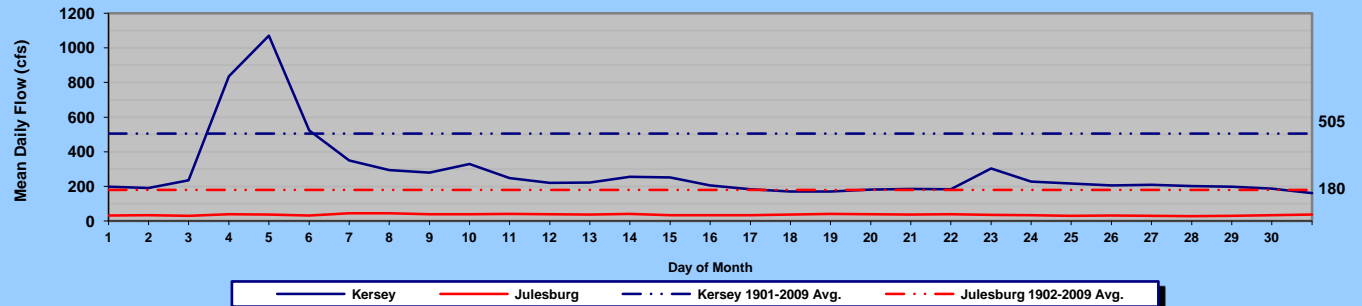
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	13,492	7,479	64	-6,013	-45%	33%	19%	0
N STERLING	73,730	31,543	13,026	64	-18,517	-59%	18%	10%	0
PREWITT	28,500	12,729	5,339	64	-7,390	-58%	19%	24%	0
JACKSON	27,257	14,502	6,344	1	-8,158	-56%	23%	4%	0
EMPIRE	37,700	12,699	4,451	1	-8,248	-65%	12%	3%	0
RIVERSIDE	63,113	25,399	10,699	1	-14,700	-58%	17%	12%	0
BARR LAKE	32,152	11,747	5,306	2	-6,441	-55%	17%	10%	0
CHEESMAN	79,064	76,881	75,404	80	-1,477	-2%	95%	73%	0
ELEVEN MILE	97,779	99,486	99,177	23	-309	0%	100%	100%	1,398
SPINNEY	53,651	43,672	40,492	23	-3,180	-7%	75%	74%	0
ANTERO	20,015	17,901	17,756	23	-145	-1%	89%	78%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	281
JULESBURG	37
THIS MONTH LAST YEAR	
KERSEY	198
JULESBURG	32
MEAN FOR PERIOD OF RECORD*	
KERSEY	505
JULESBURG	180
* 1901-2012	
1902-2012	

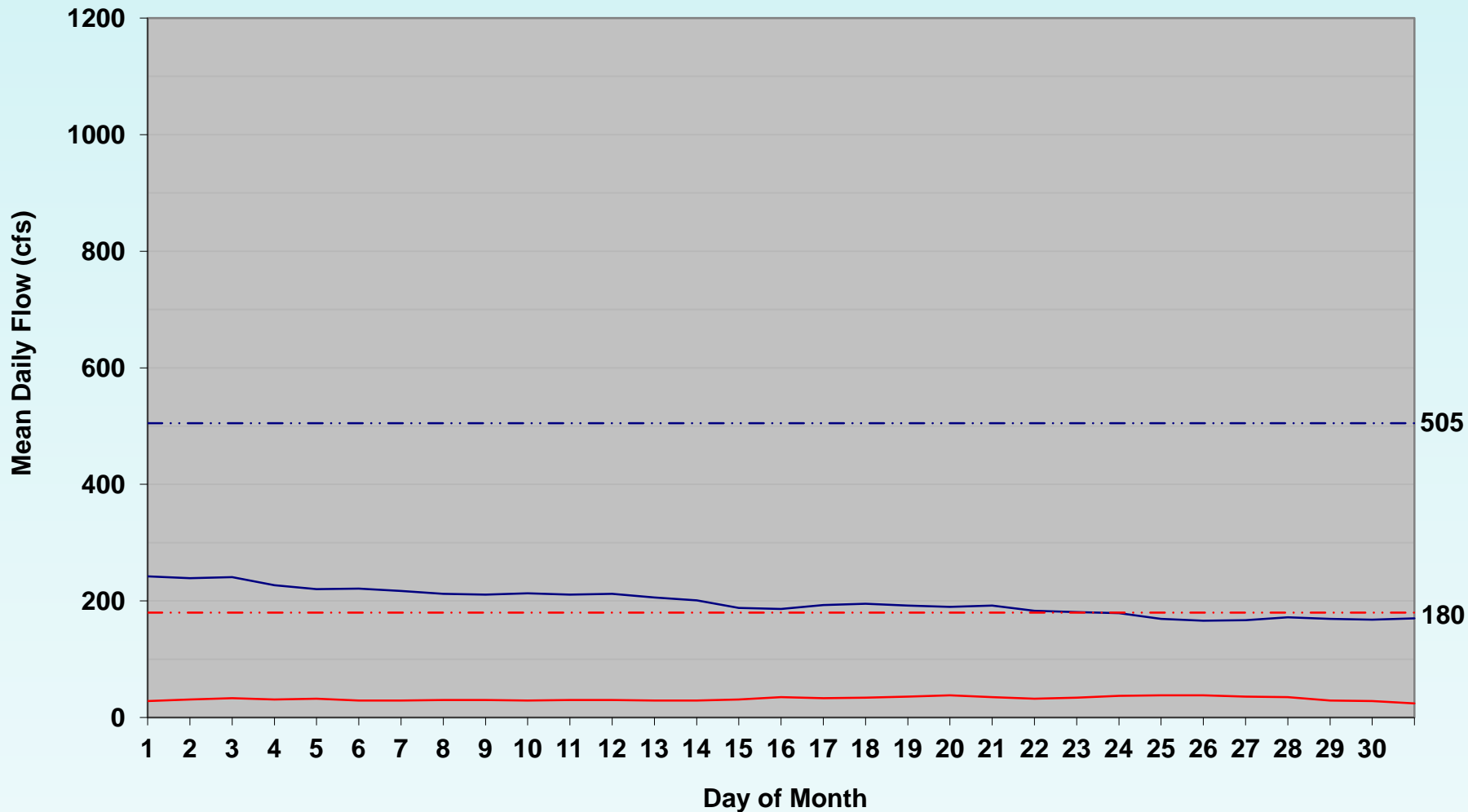
**KERSEY and JULESBURG
August 2012**



**KERSEY and JULESBURG
August 2013**

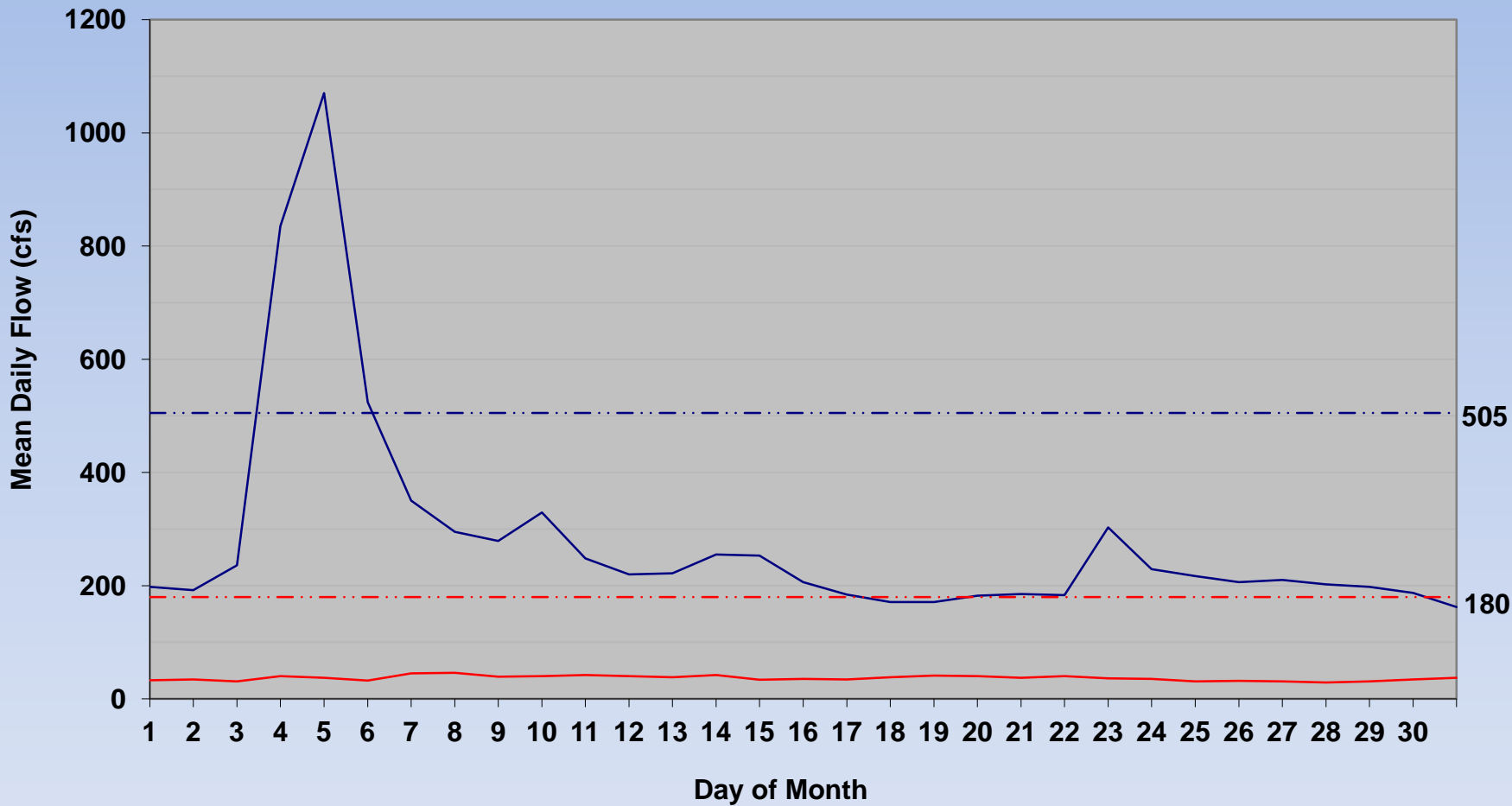


KERSEY and JULESBURG August 2012



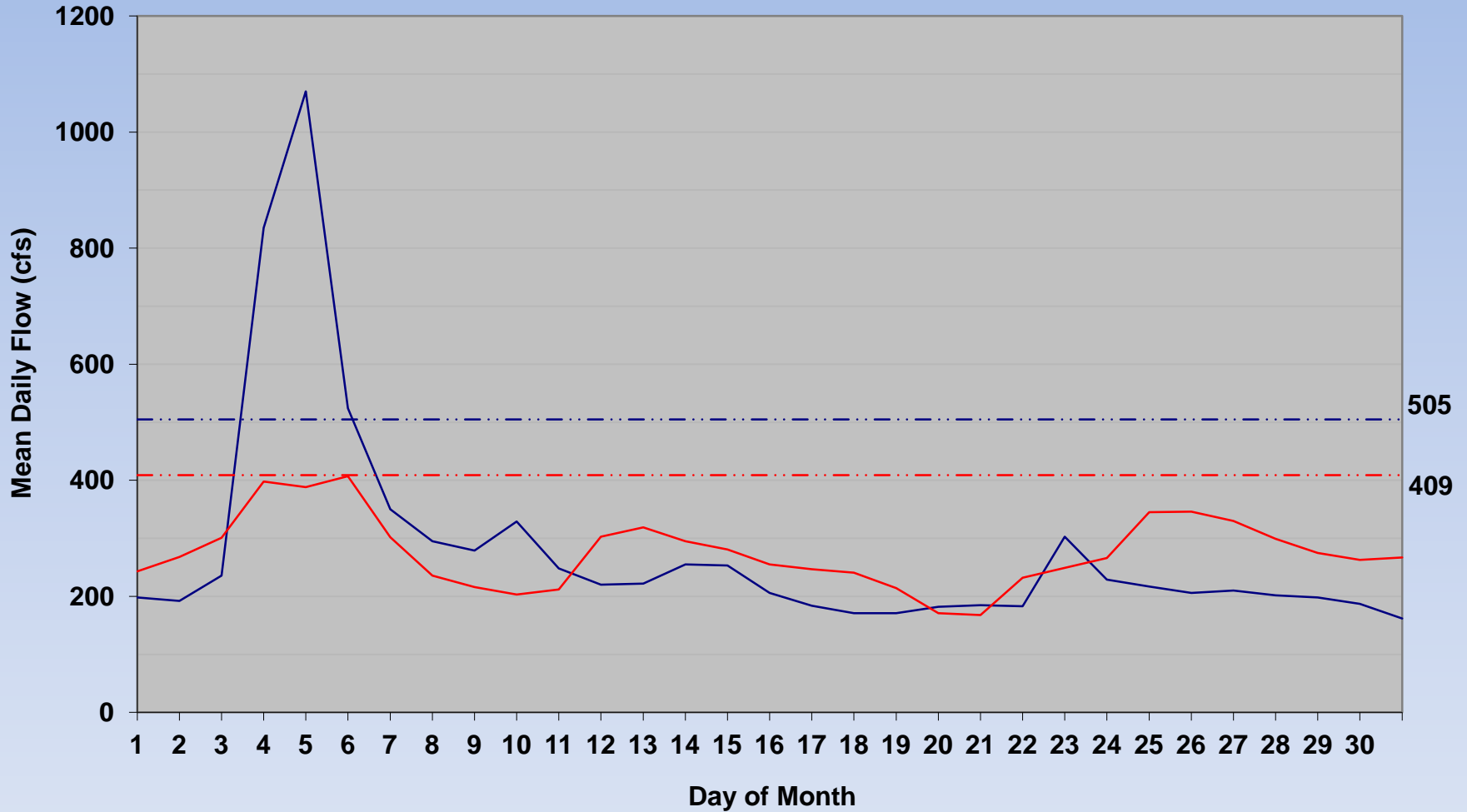
— Kersey — Julesburg - · - Kersey 1901-2009 Avg. - · - Julesburg 1902-2009 Avg.

KERSEY and JULESBURG August 2013



— Kersey — Julesburg - · - Kersey 1901-2009 Avg. - · - Julesburg 1902-2009 Avg.

KERSEY and BALZAC August 2013



— Kersey — Balzac - - - Kersey 1901-2009 Avg. - - - Balzac 1917-2009 Avg.

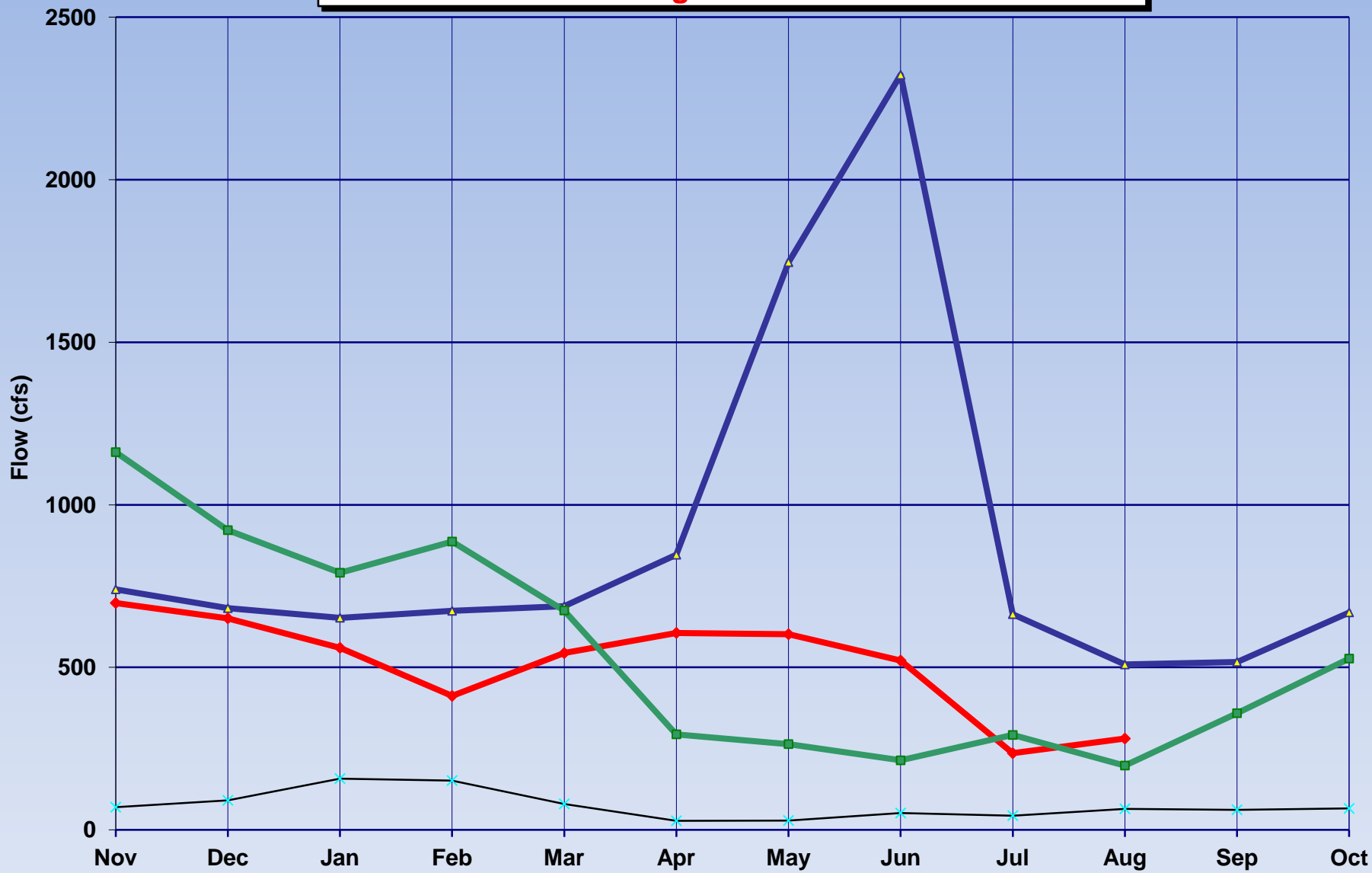


South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2013 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2013 Mean Monthly Flow
Nov	740	3650	1984	70	1934	698	Nov	335	2900	1984	4.2	1903	46
Dec	682	1890	1961	91	1934	651	Dec	397	1820	1984	13	2002	65
Jan	652	2160	1974	158	1935	560	Jan	509	2510	1970	21	2003	112
Feb	674	3060	1914	152	1935	412	Feb	582	3220	1930	29	2005	67
Mar	688	3470	1983	80	1935	544	Mar	522	12900	1910	15	1904	41
Apr	846	18100	1942	28	1955	606	Apr	523	14400	1942	4.0	1904	150
May	1746	26100	1973	29	1955	602	May	1003	18100	1973	12	1911	113
Jun	2323	31000	1921	52	1954	521	Jun	1430	30800	1921	2.0	1910	70
Jul	664	12600	1983	44	1955	236	Jul	295	12600	1983	0.0	1903	36
Aug	509	9690	1951	65	1934	281	Aug	180	8920	1968	0.0	1903	37
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

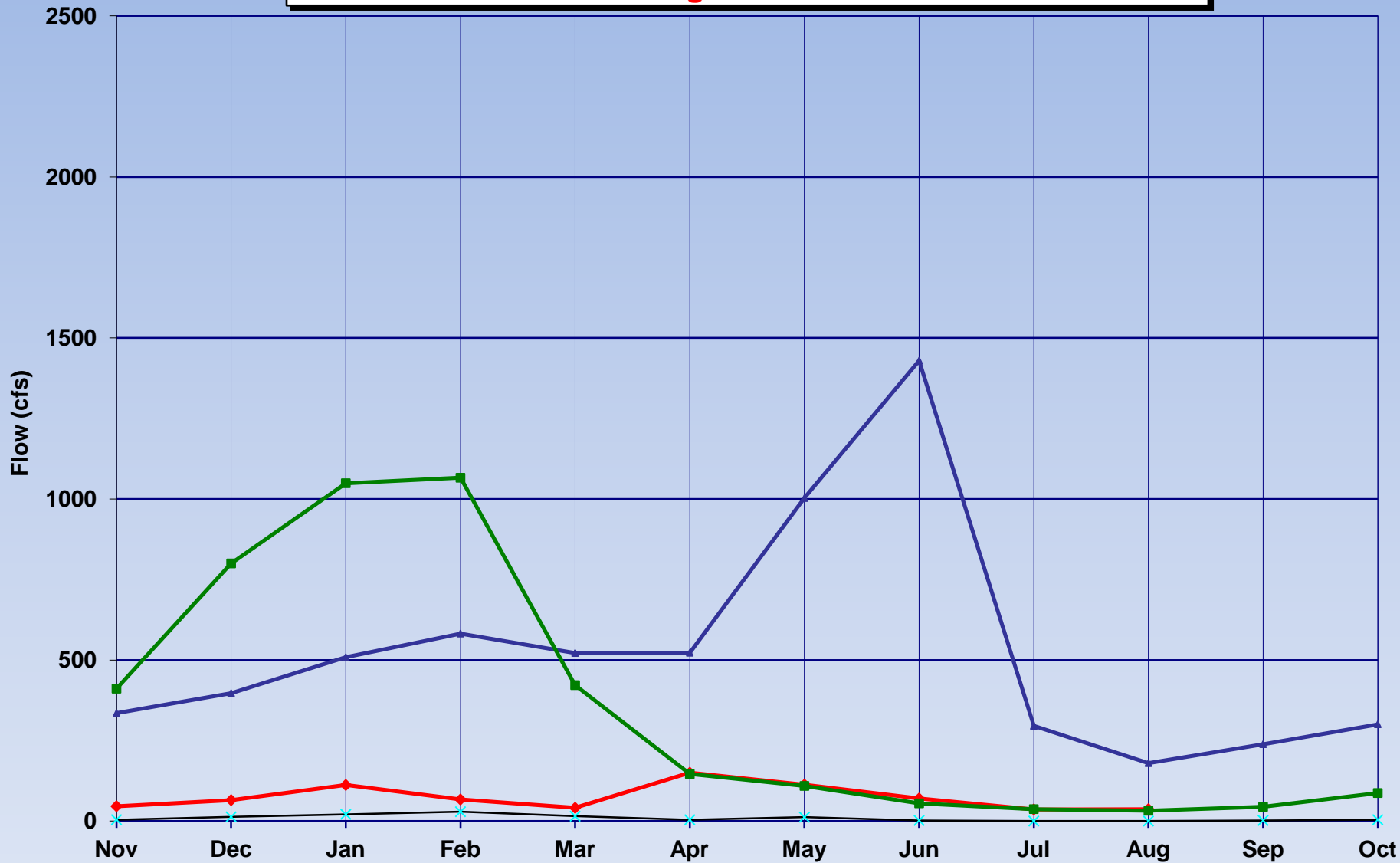


—▲— Historic* Mean Flow —×— Historic* Min Flow —◆— 2012-2013 Mean Flow —■— 2011-2012 Mean Flow

*1901-2012

South Platte River at Julesburg

Irrigation Year



Historic* Mean Flow

Historic* Min Flow

2012-2013 Mean Flow

2011-2012 Mean Flow

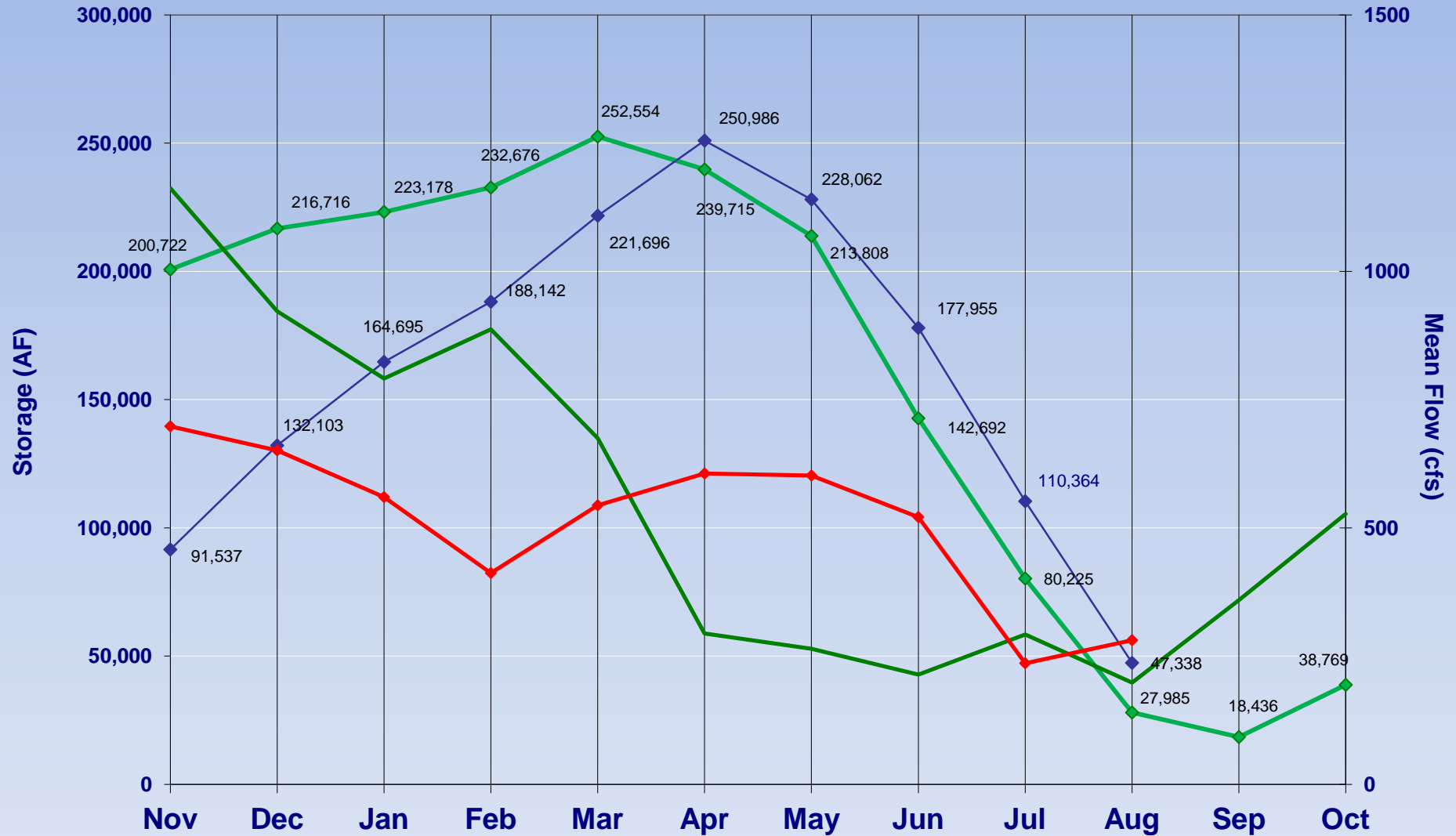
*1902-2012

**Next three slides show Reservoir
Storage above and below Kersey**



Reservoir Storage below Kersey

Selected Reservoirs*



2011-12 Monthly Storage

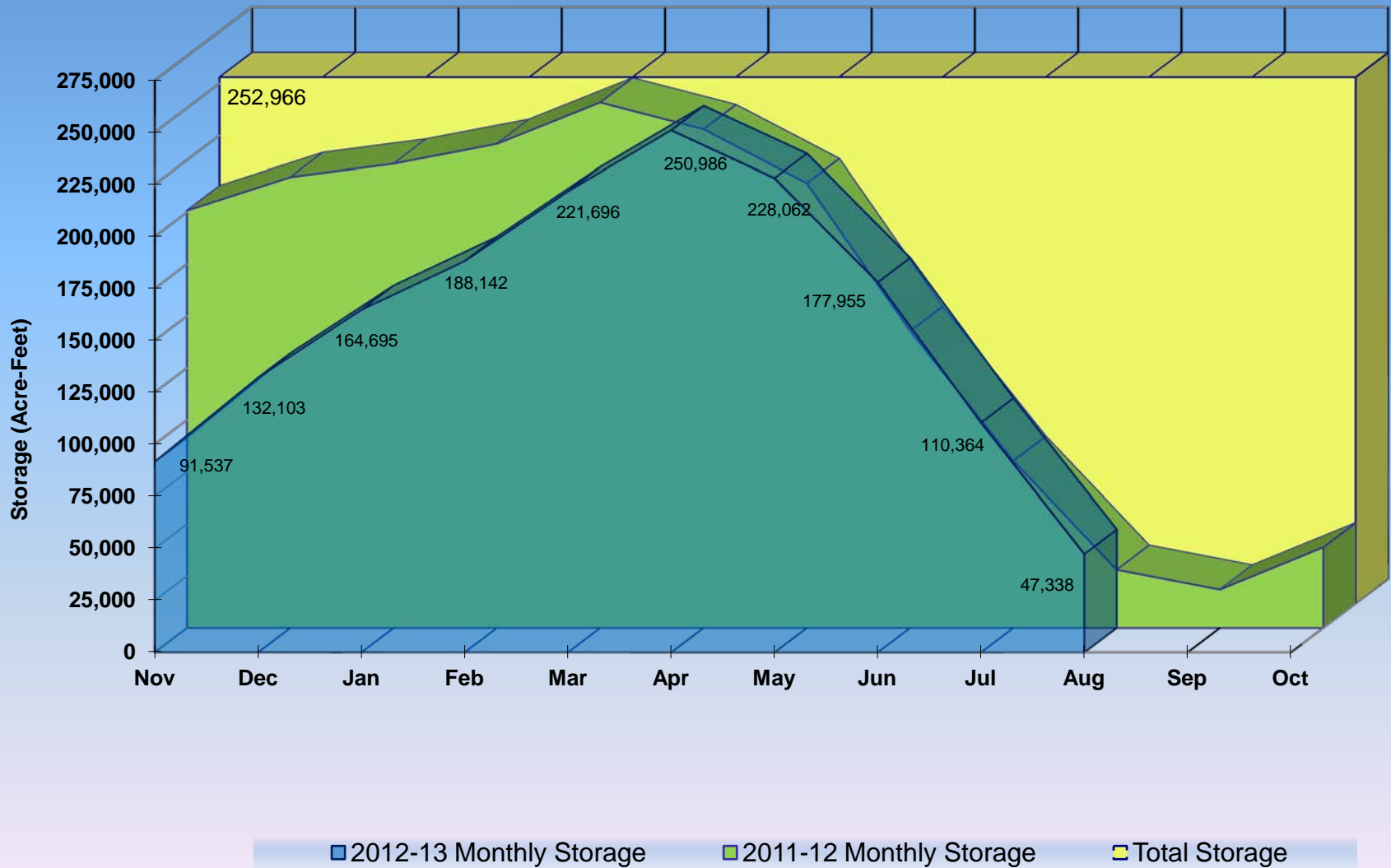
2012-13 Monthly Storage

Kersey 2011-12

Kersey 2012-13

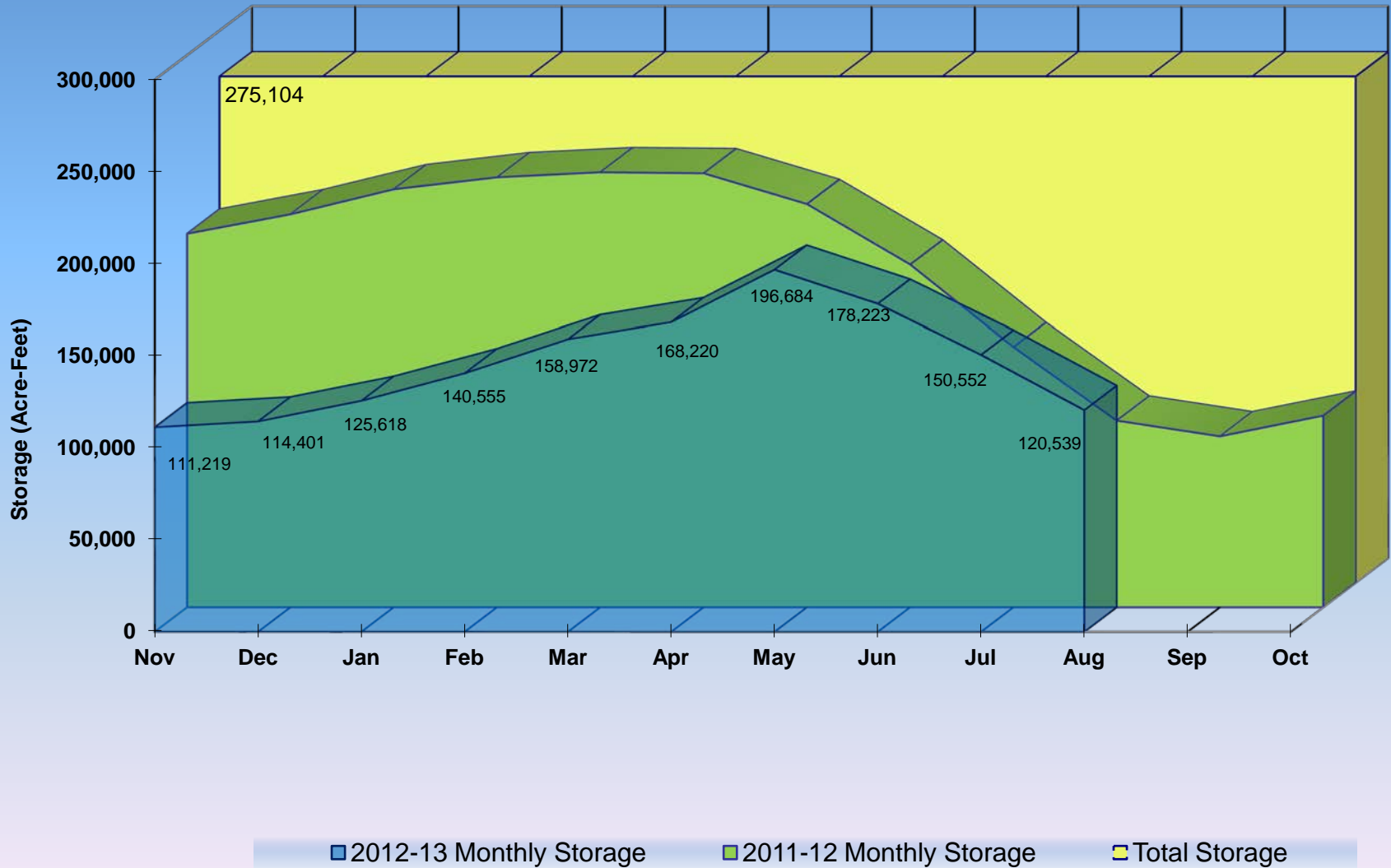
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

South Platte Reservoir Storage above Kersey*

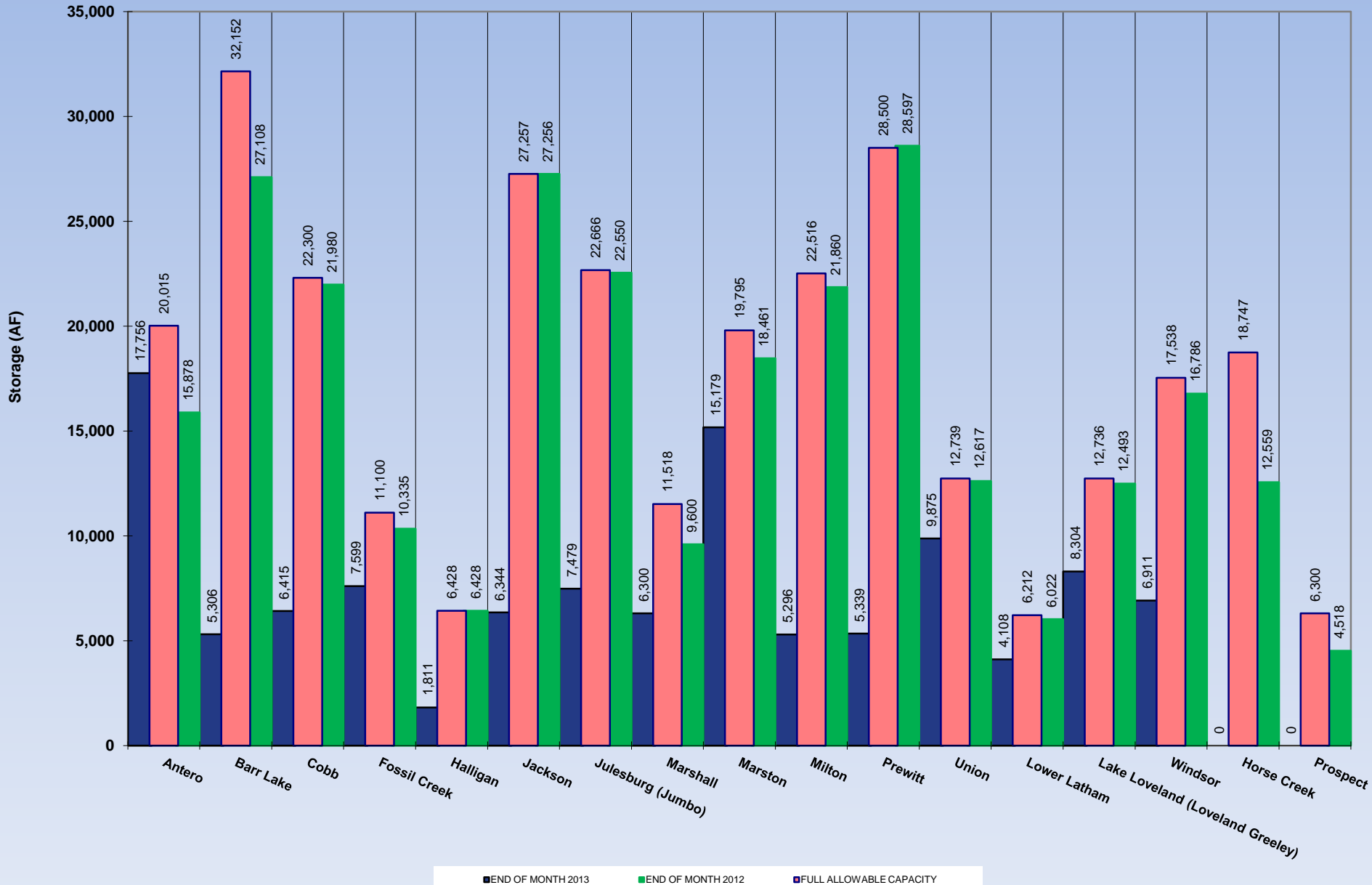


*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

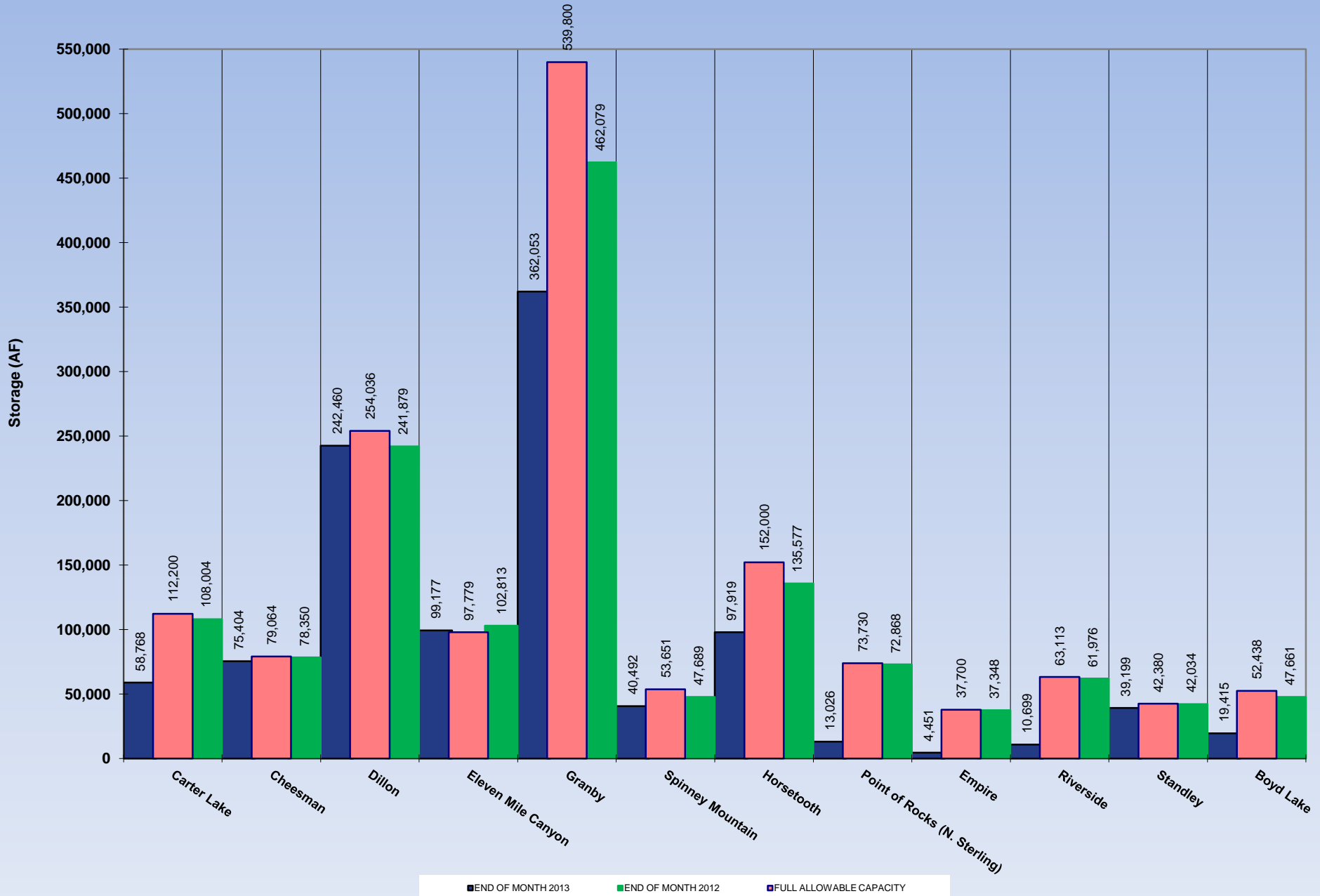
Individual Reservoir Storage Follows



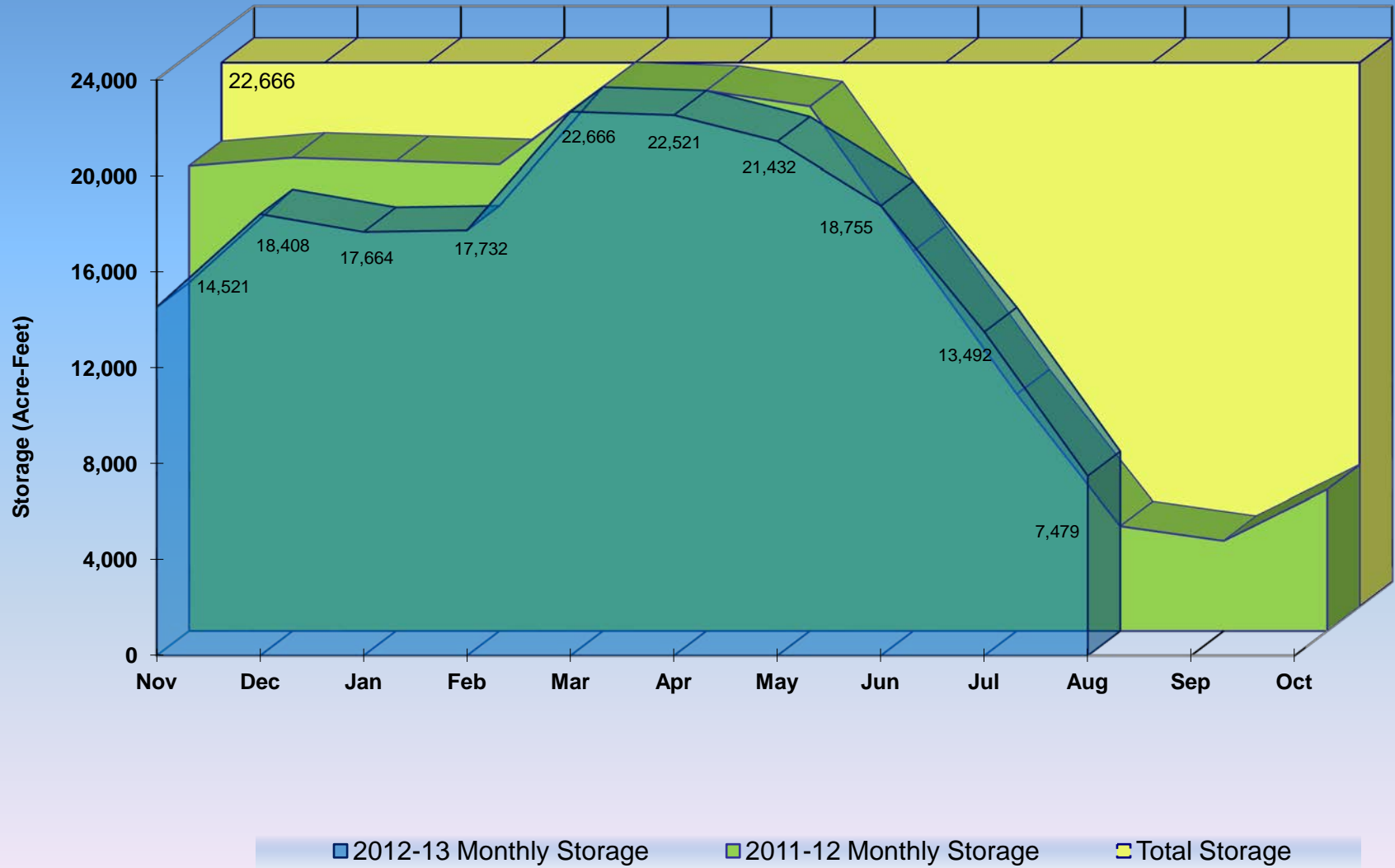
August Reservoir Change in Storage 2012 versus 2013



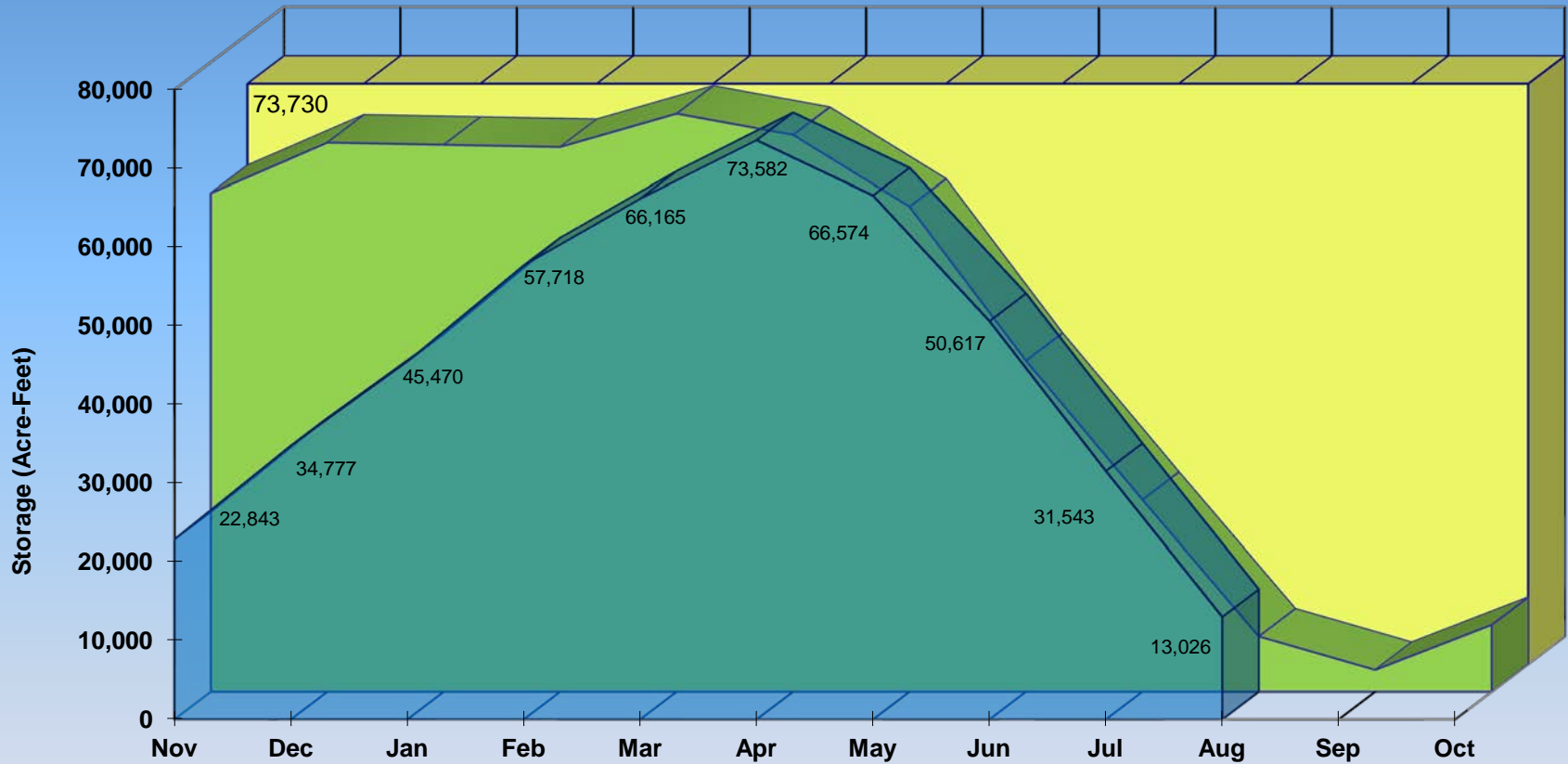
August Reservoir Change in Storage 2012 versus 2013



Julesburg Reservoir (District 64 - Agricultural)

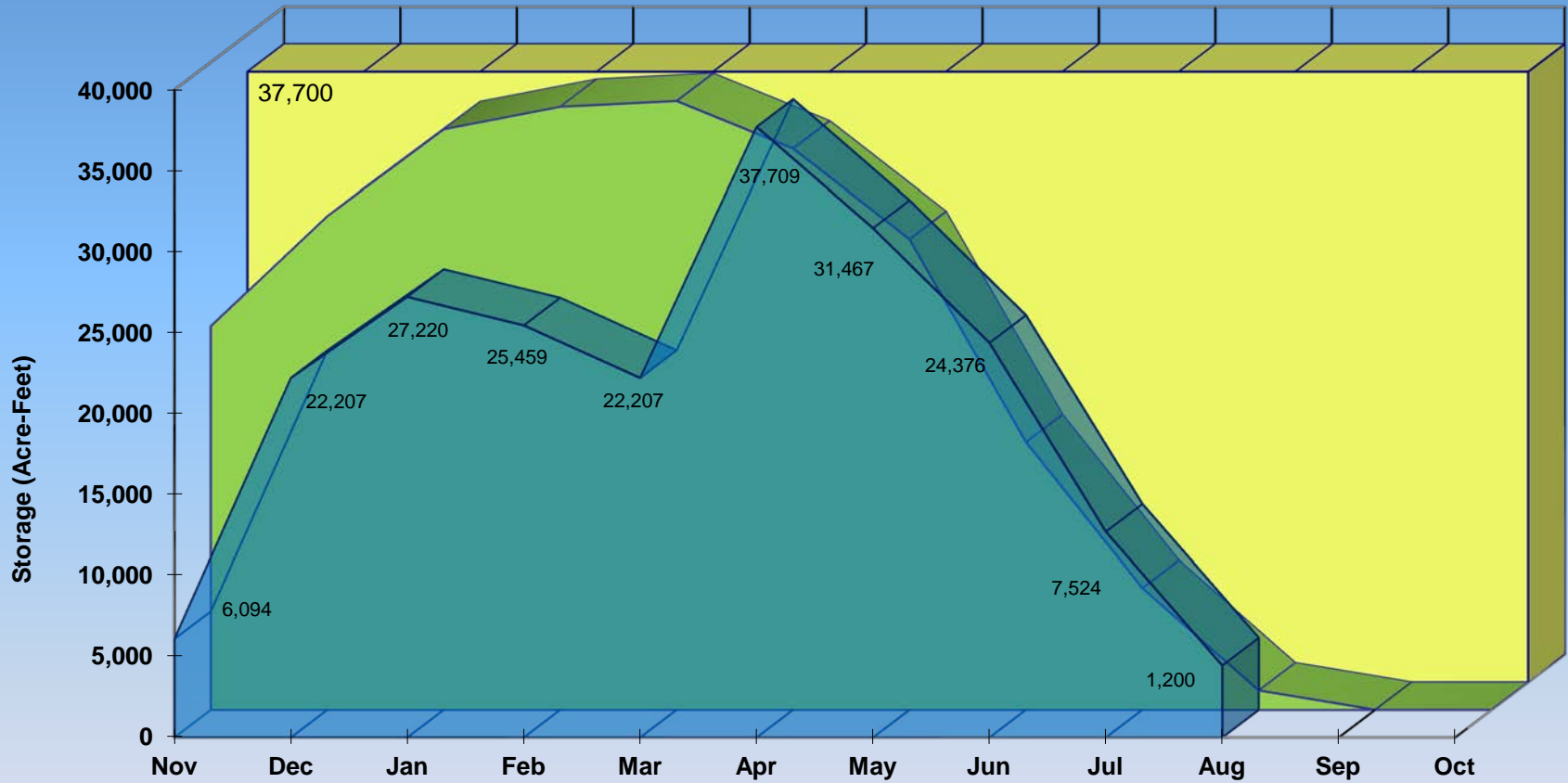


North Sterling Reservoir (District 64- Agricultural)



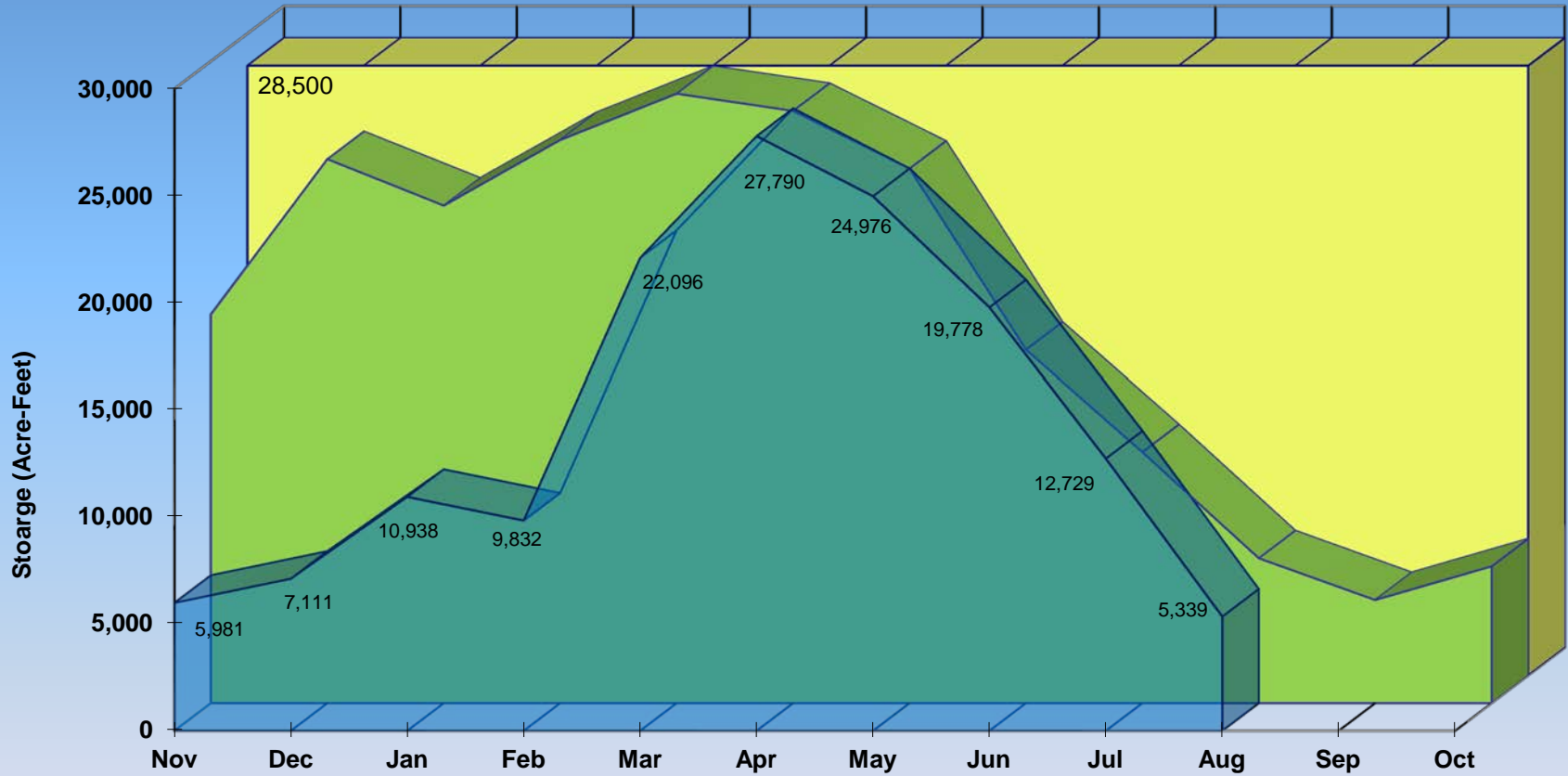
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Empire Reservoir (District 1- Agricultural)



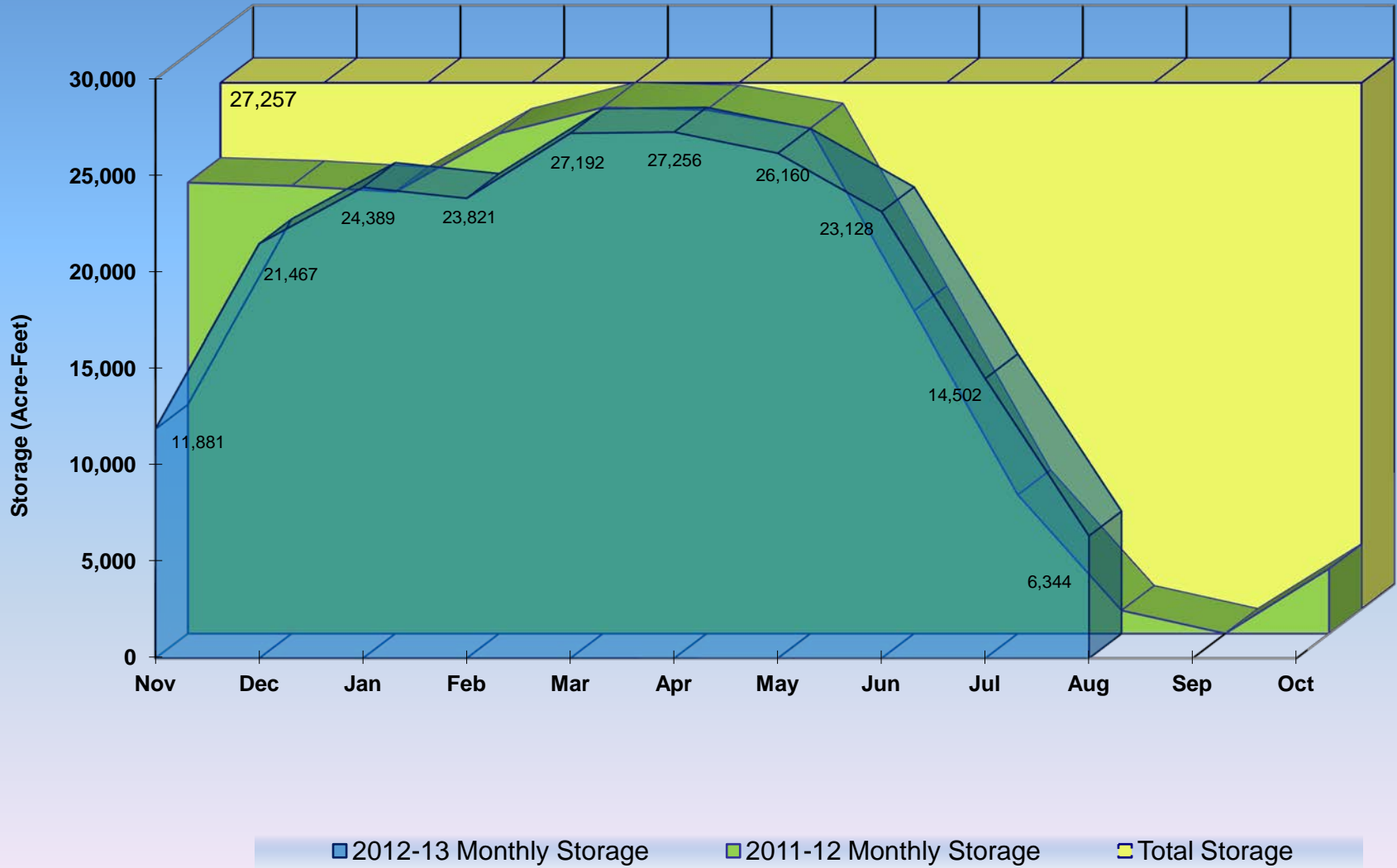
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Prewitt Reservoir (District 64- Agricultural)

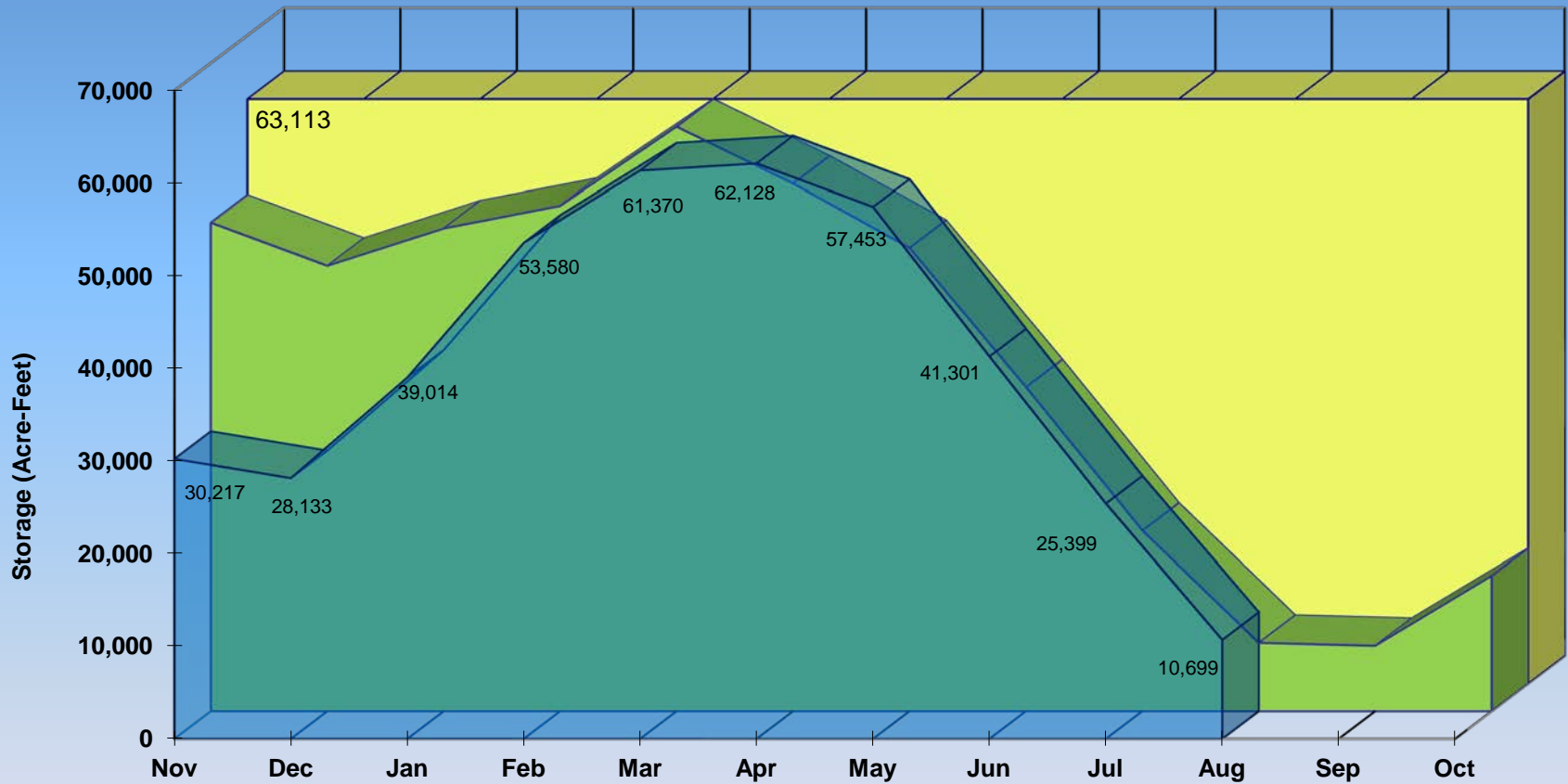


■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Jackson Reservoir (District 1- Agricultural)



Riverside Reservoir (District 1 - Agricultural)



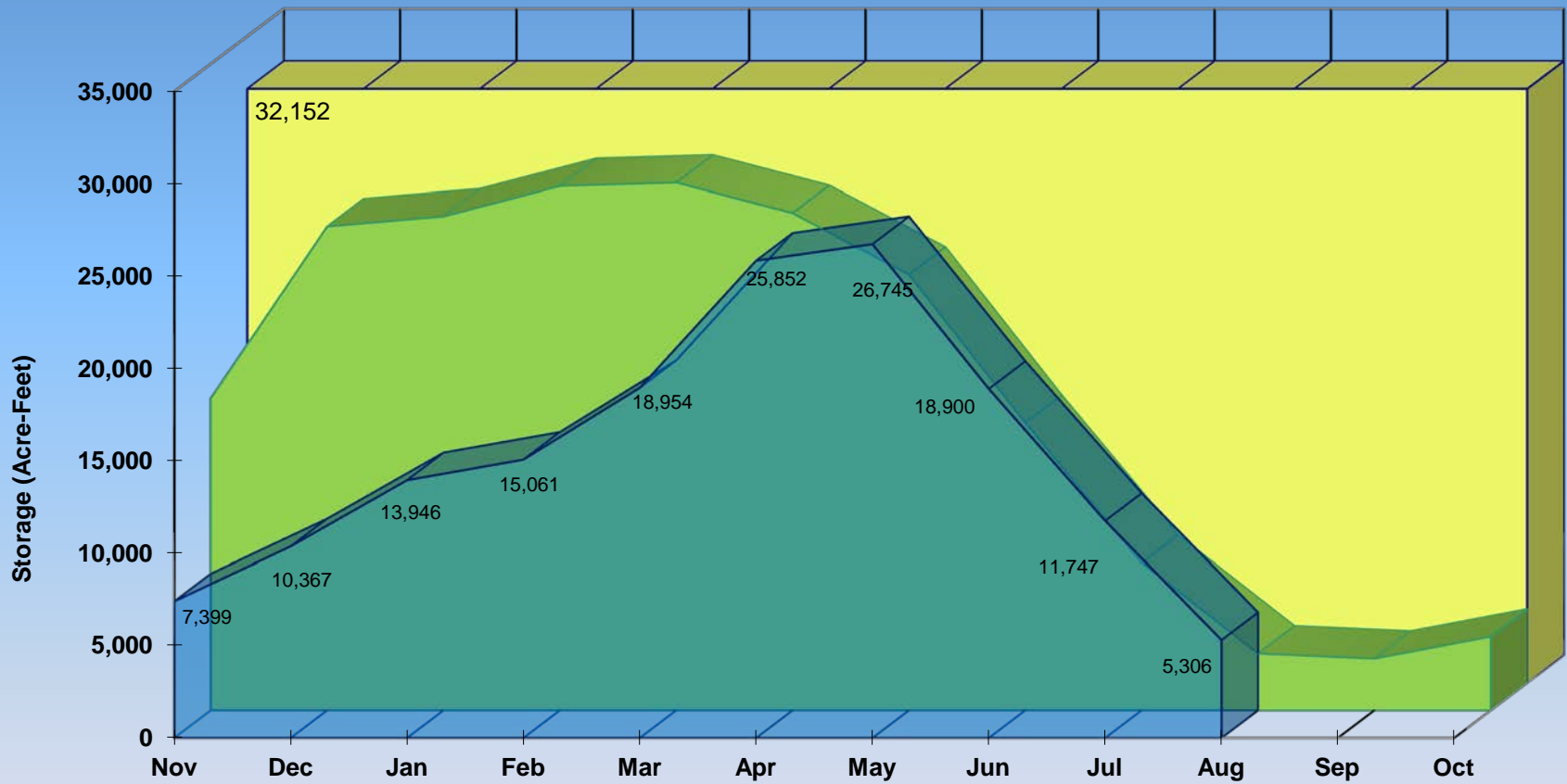
■ 2012-13 Monthly Storage

■ 2011-12 Monthly Storage

■ Total Storage

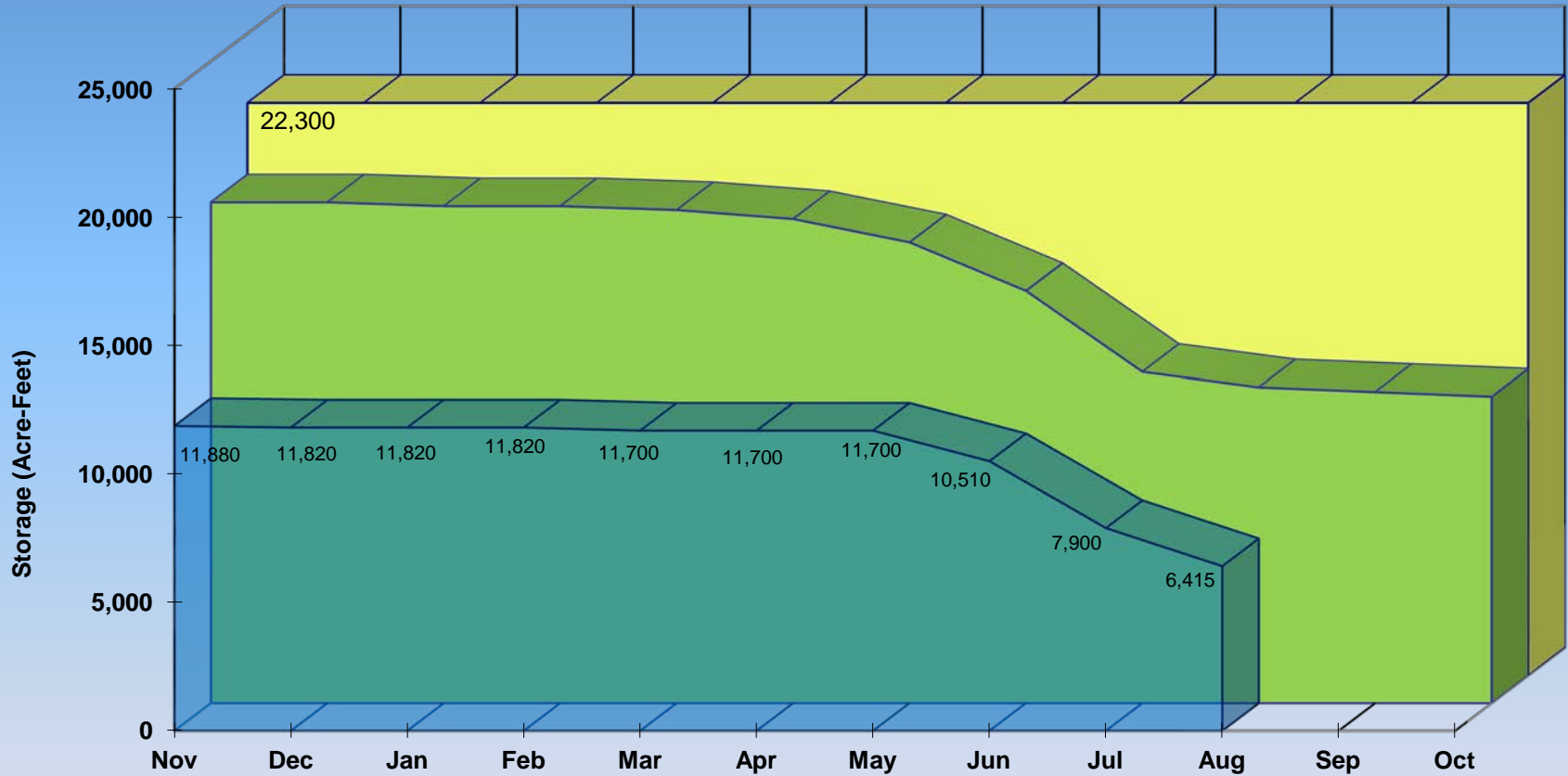
Barr Lake

(District 2 - Agricultural)



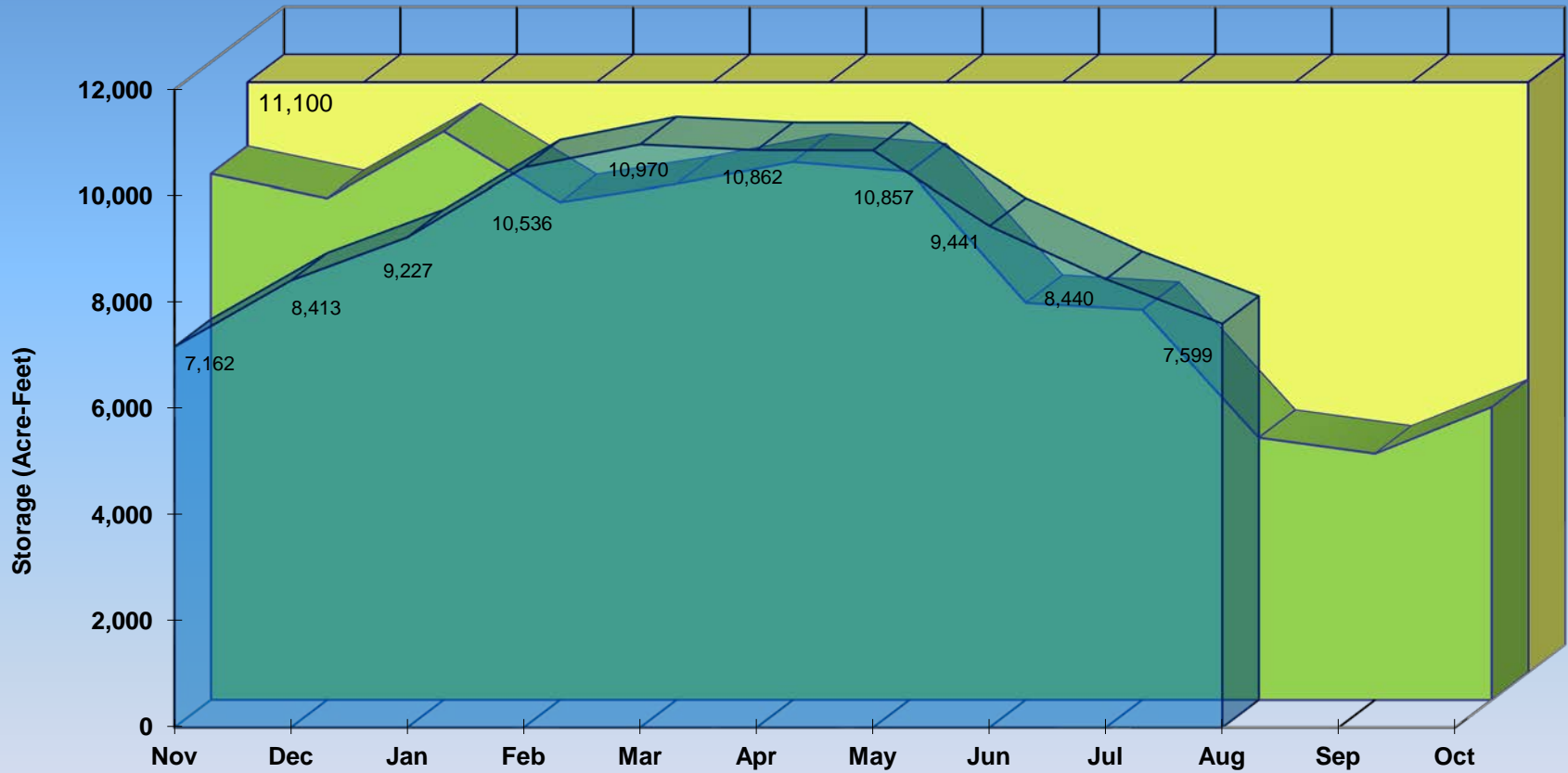
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Cobb Lake (District 3, Poudre River - Agricultural)



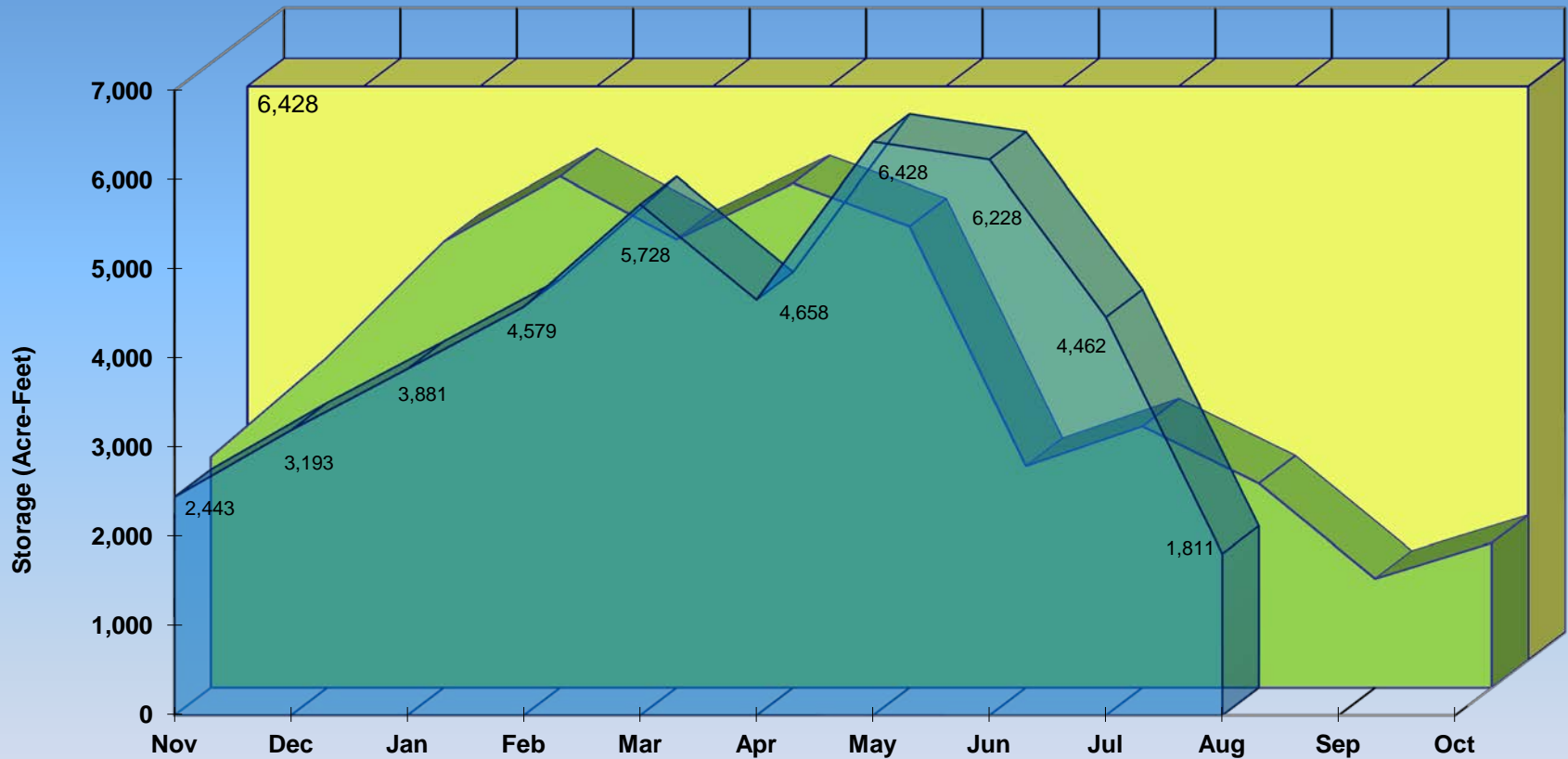
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

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



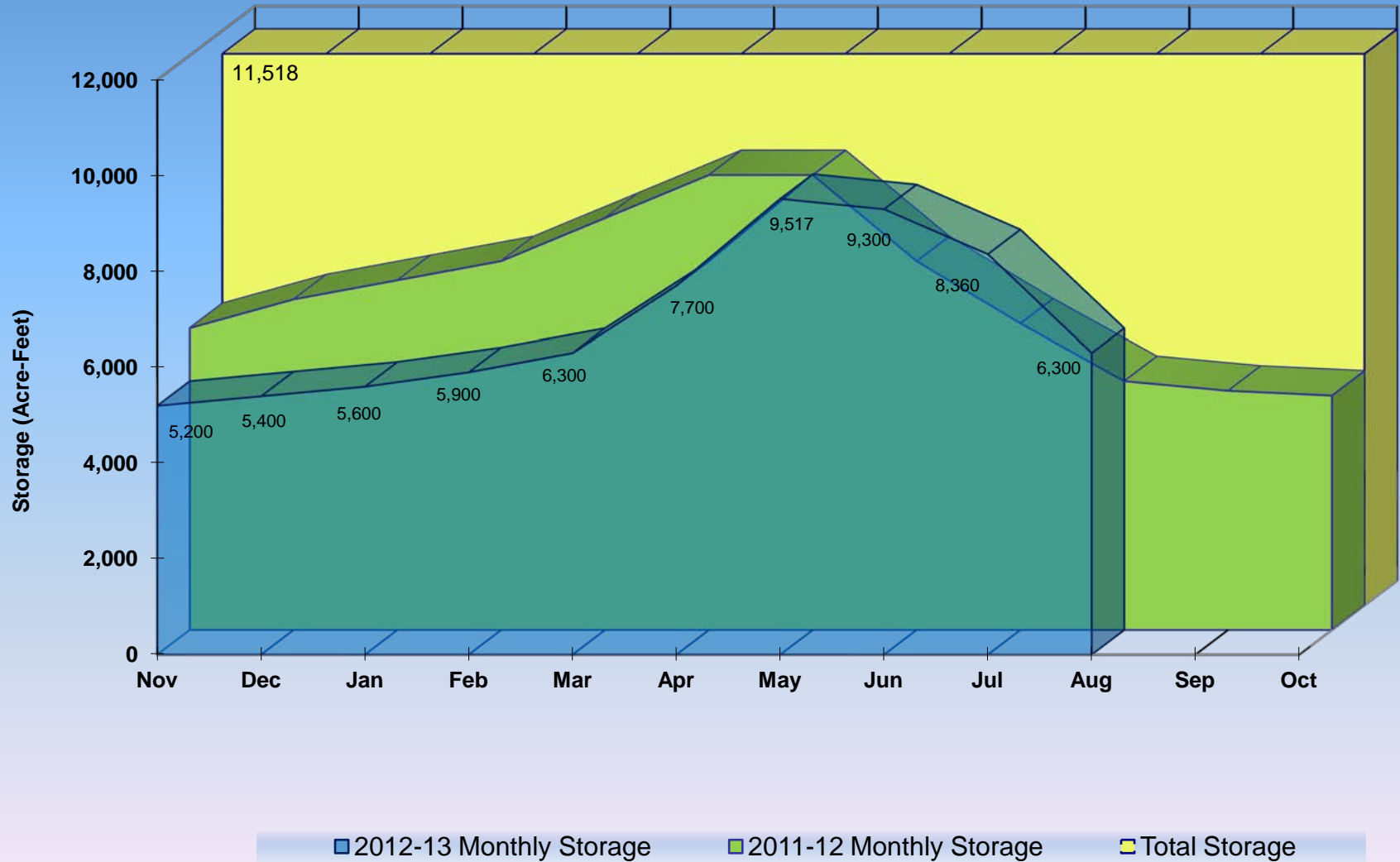
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Halligan Reservoir (District 3, Poudre River - Agricultural)

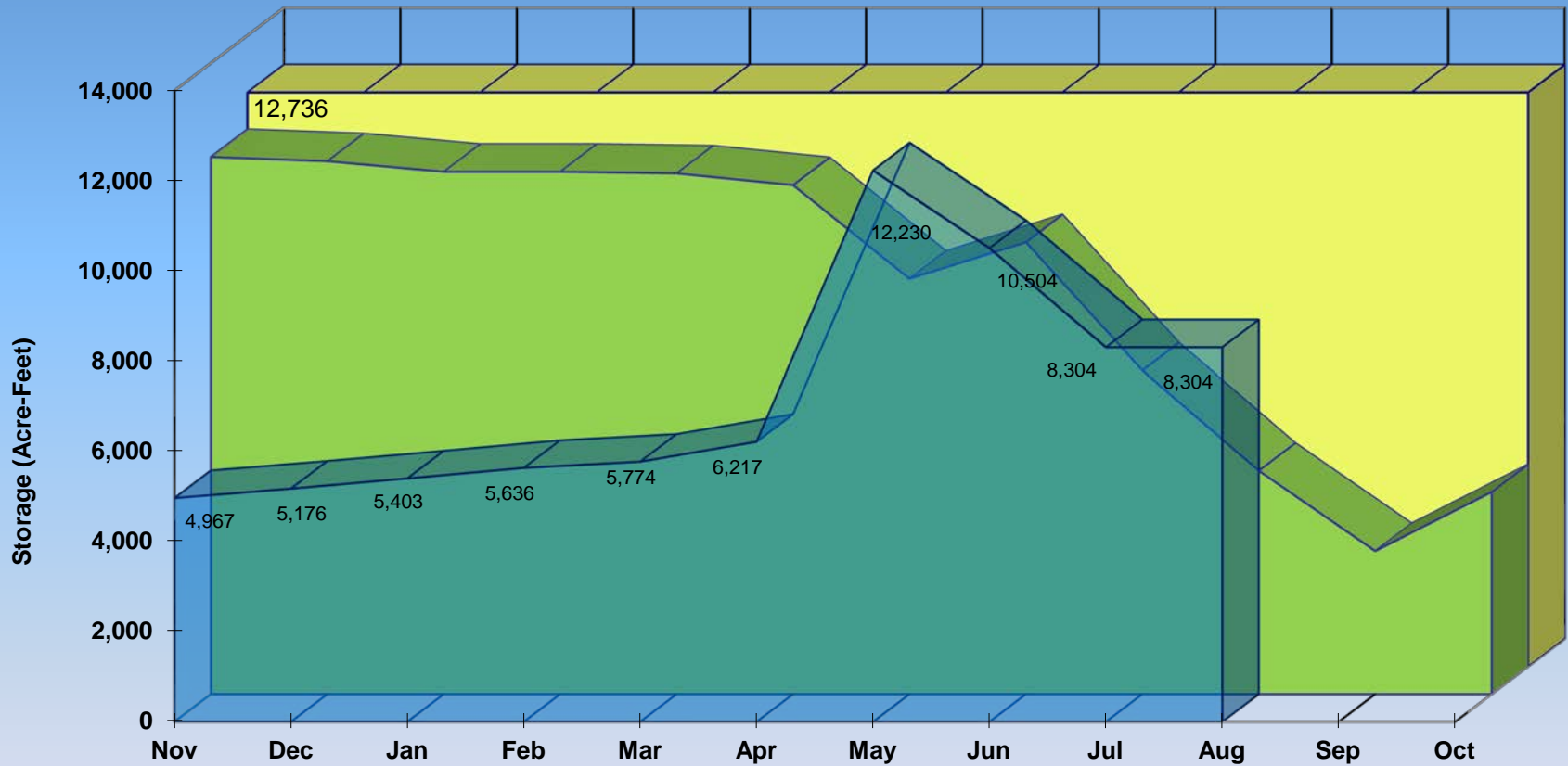


■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Marshall Lake (District 6, Boulder Creek - Agricultural)

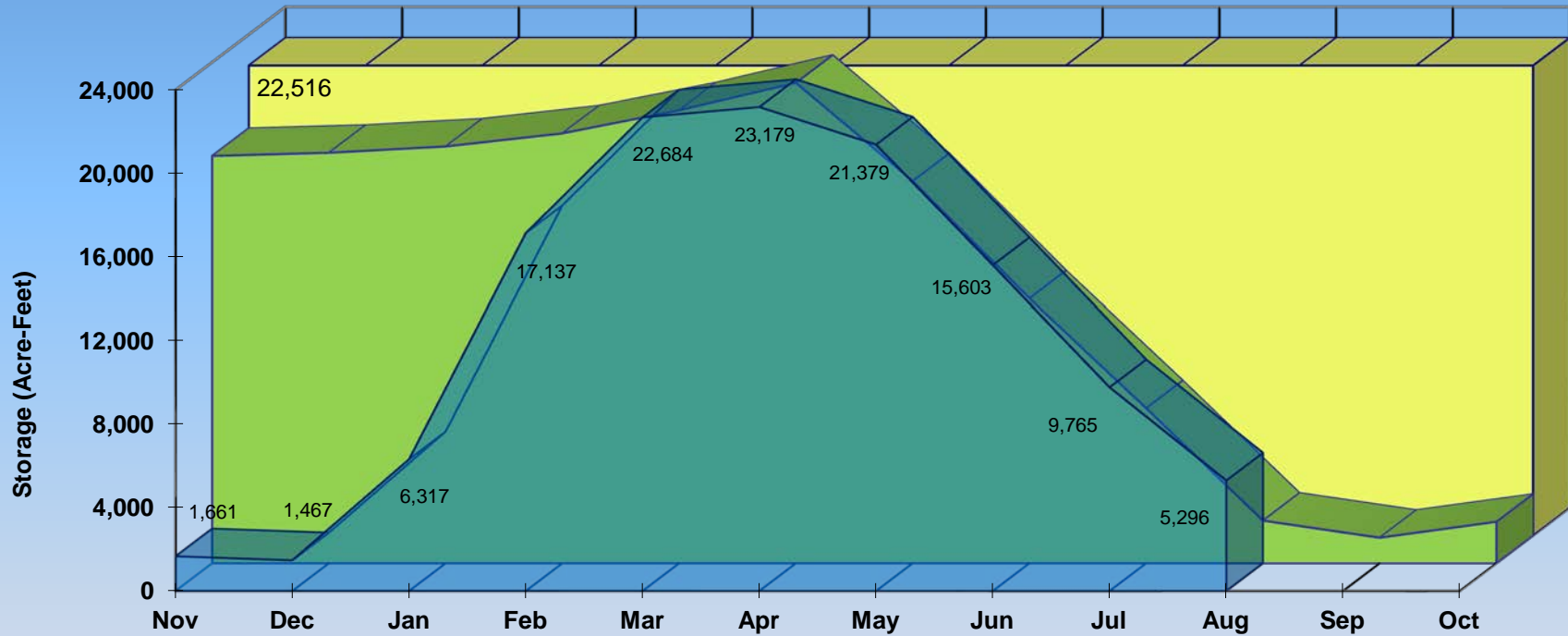


Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



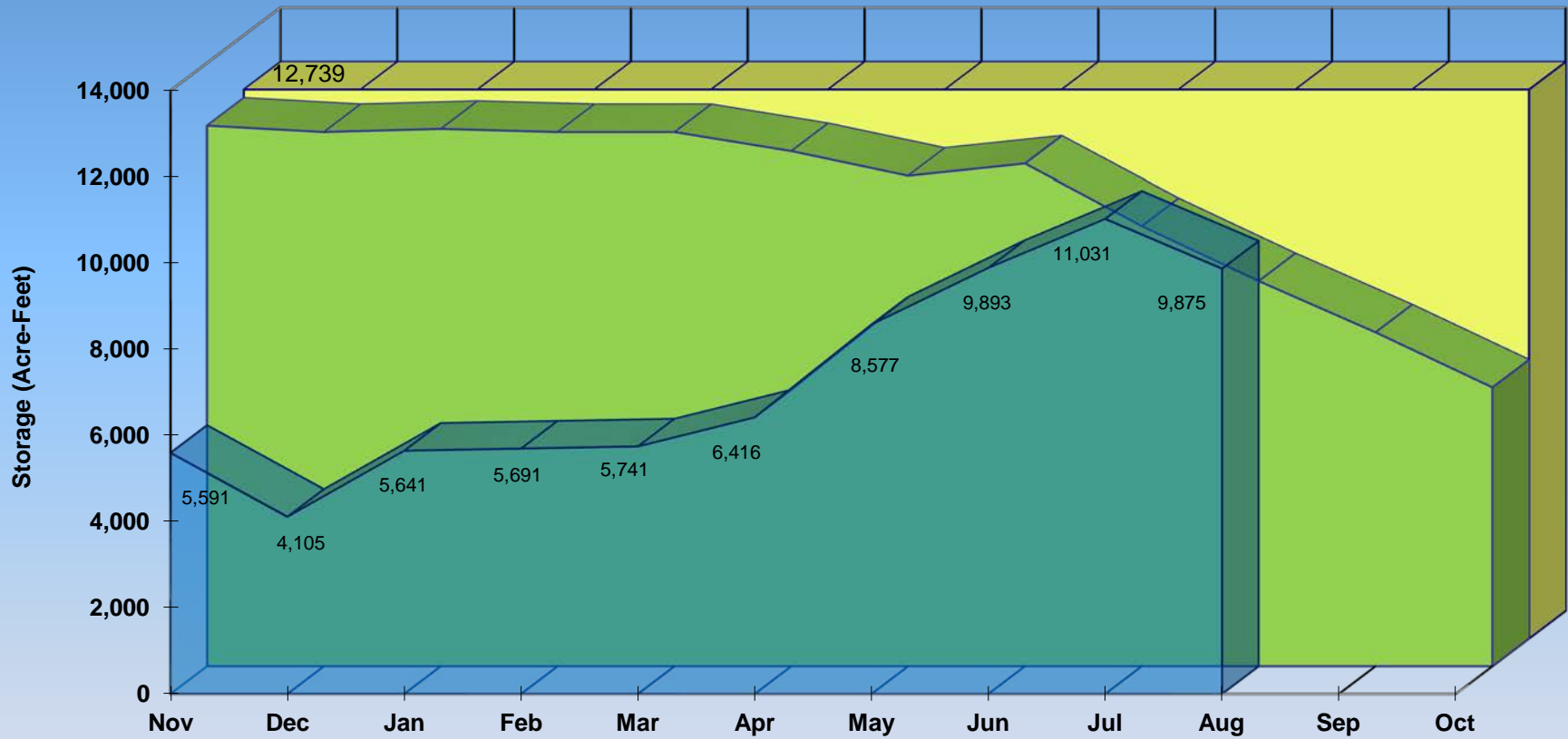
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Milton Reservoir (District 2 - Agricultural)



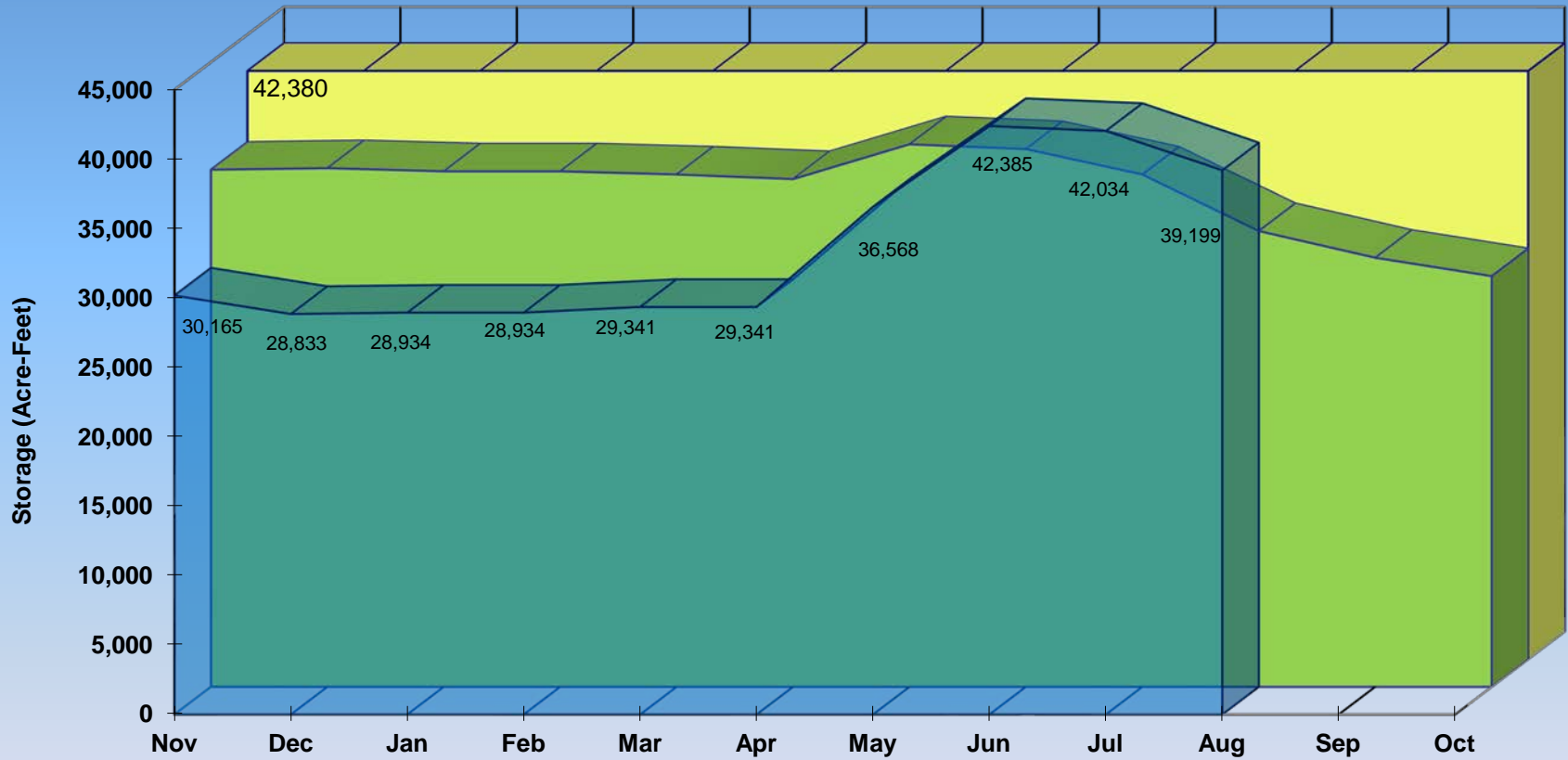
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

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



■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Standley Lake (Agricultural)

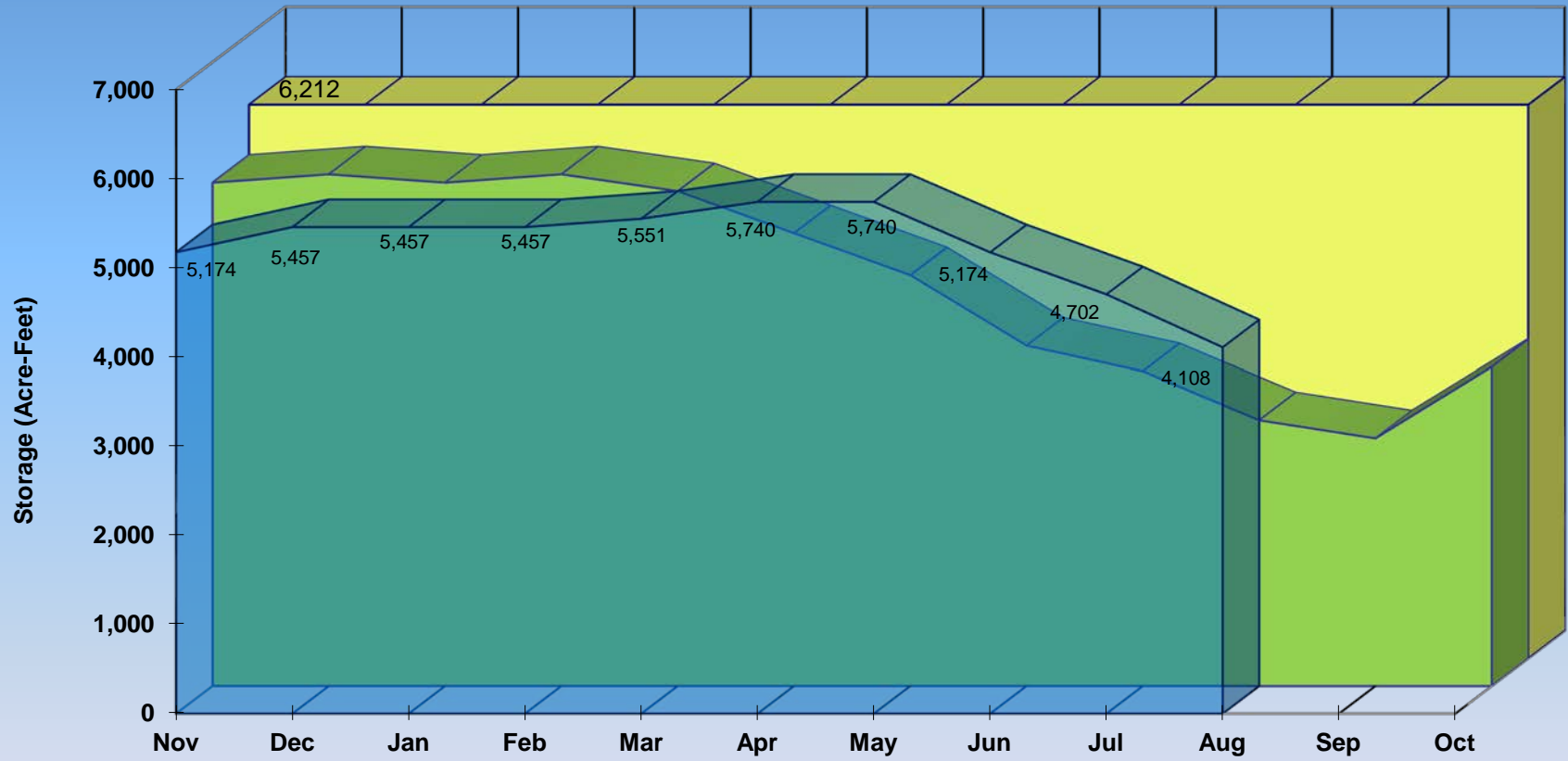


2012-13 Monthly Storage

2011-12 Monthly Storage

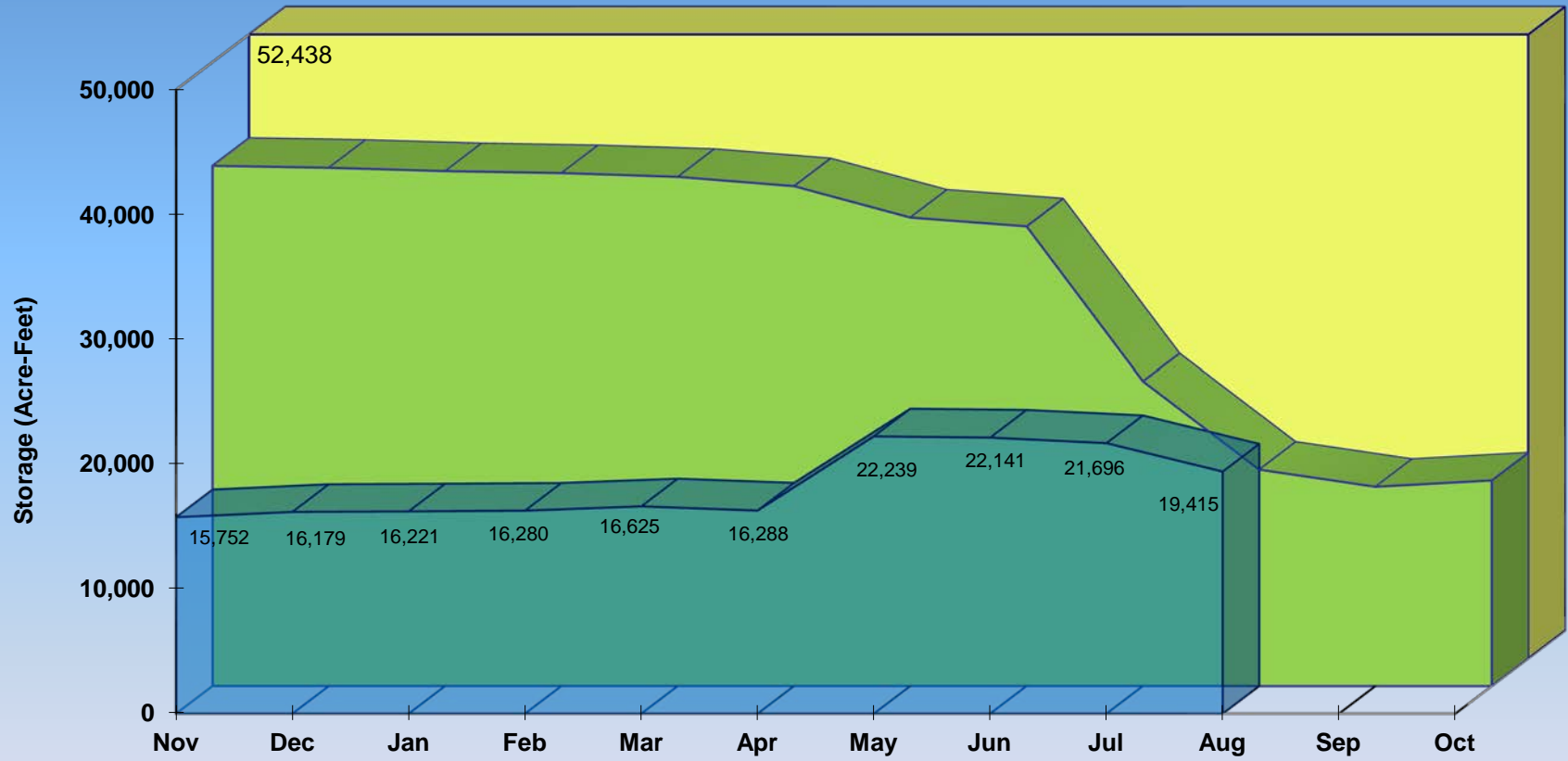
Total Storage

Lower Latham Reservoir (District 2 - Agricultural)



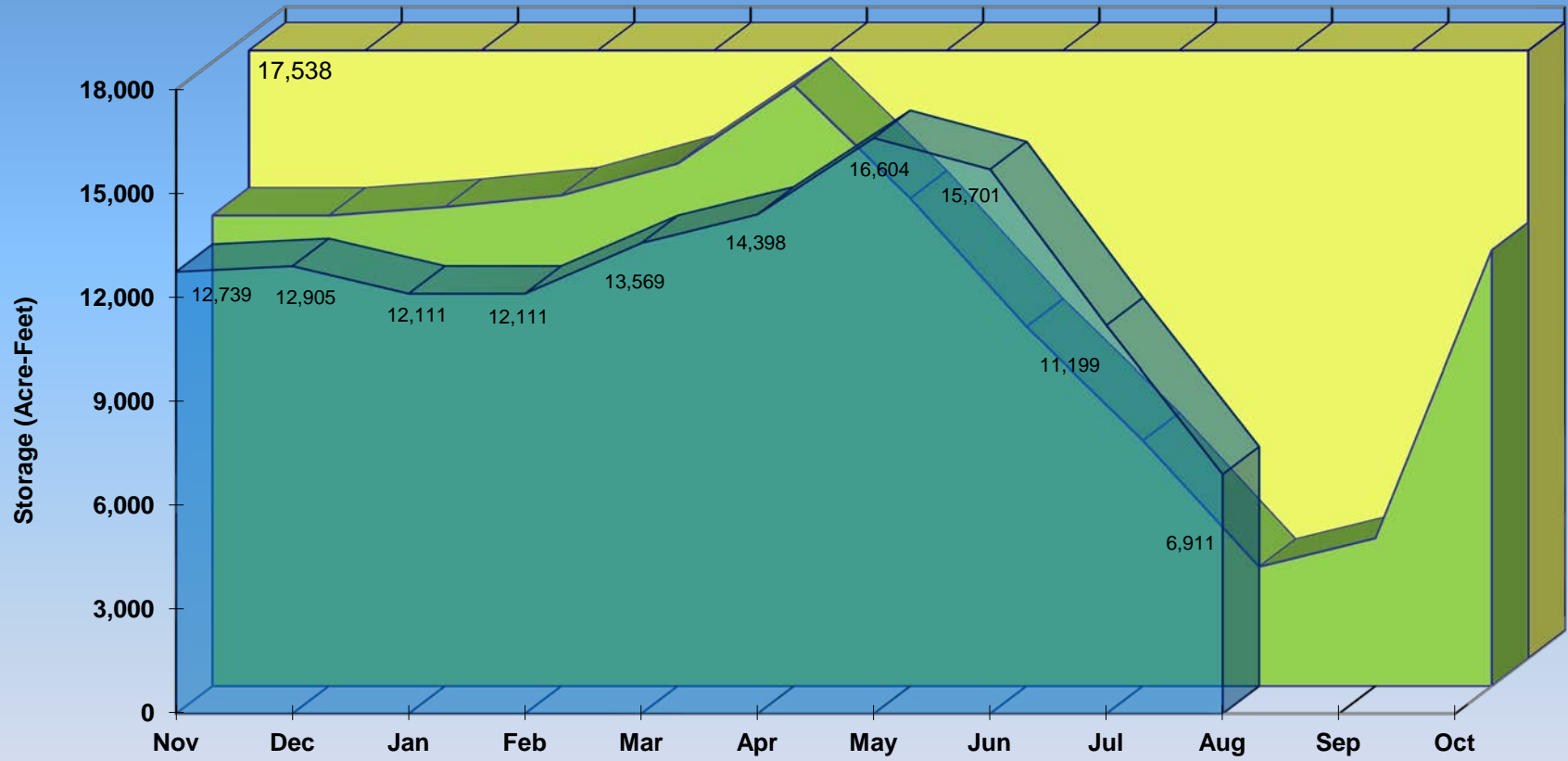
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

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



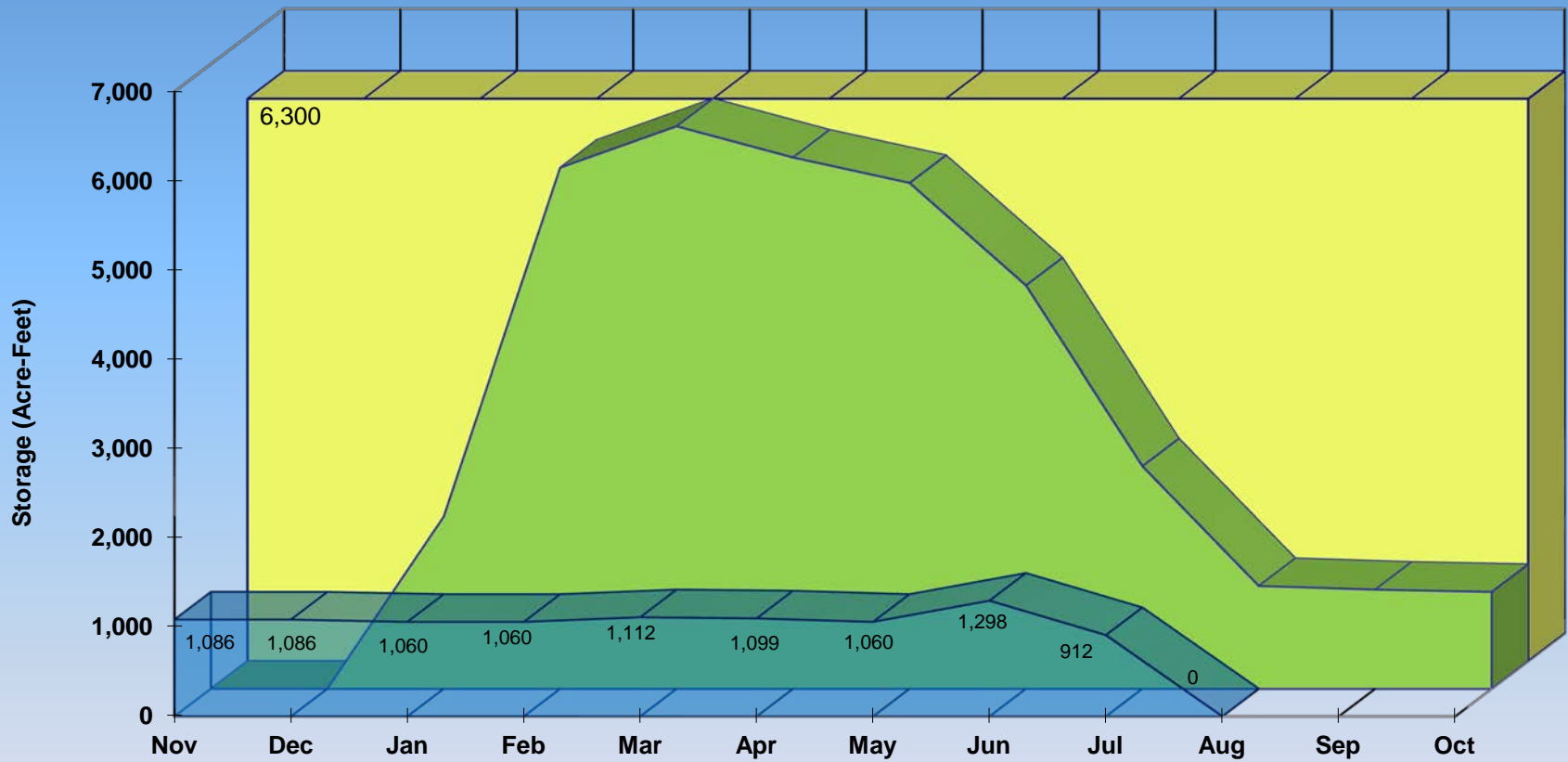
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Windsor Reservoir (District 3, Poudre River - Agricultural)



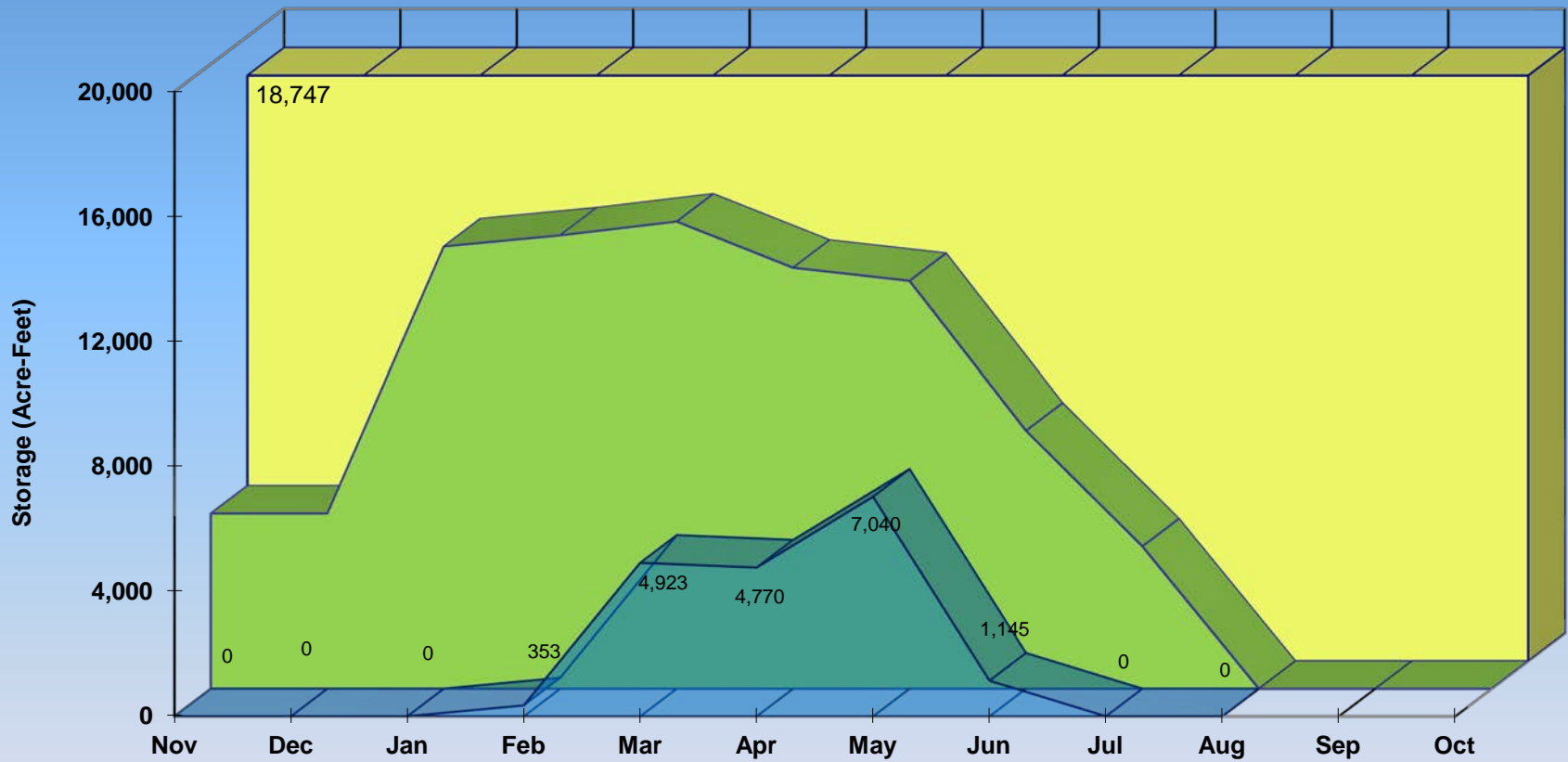
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Prospect Reservoir (District 1- Agricultural)



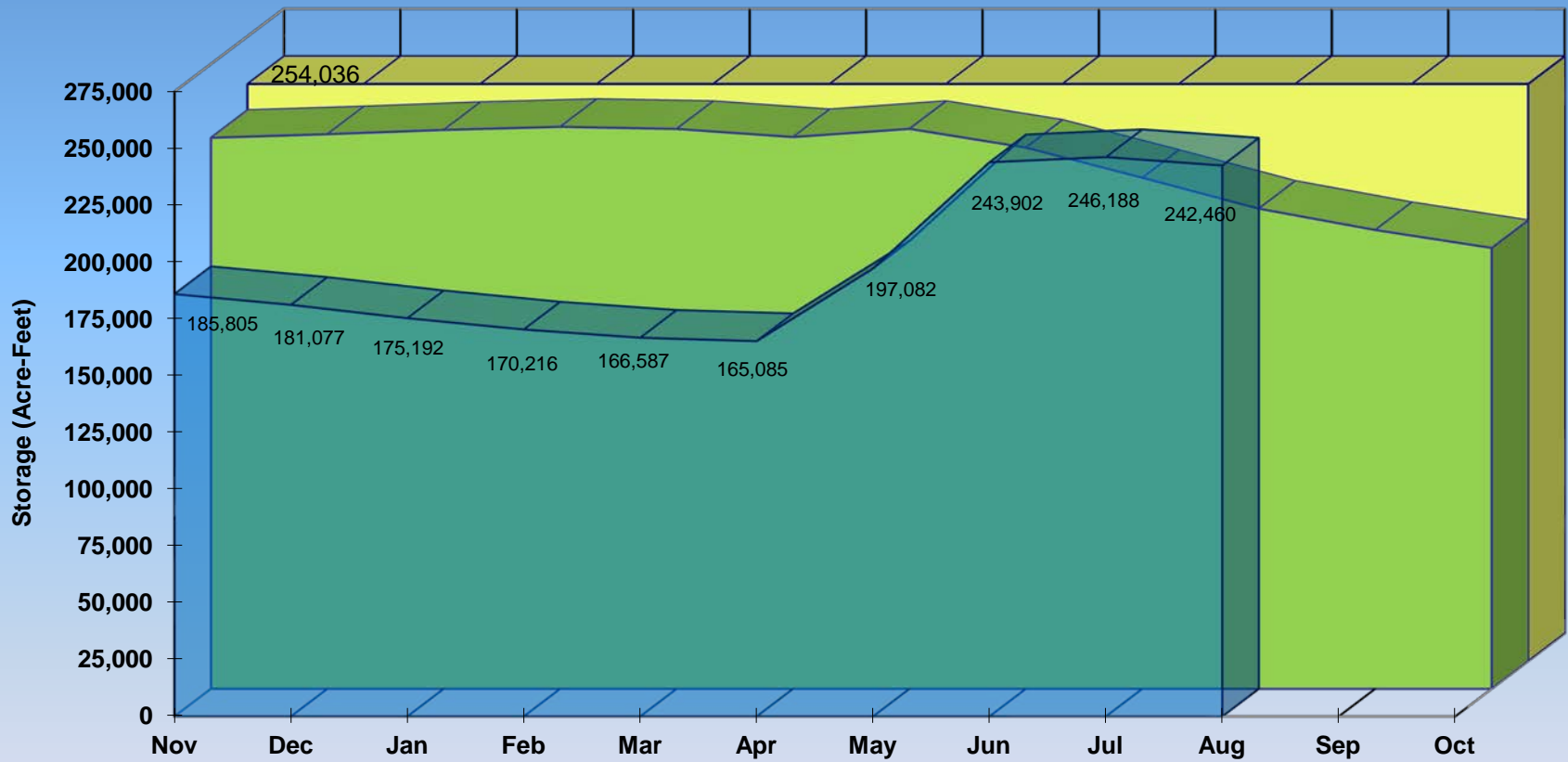
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Horse Creek Reservoir (District 1 - Agricultural)



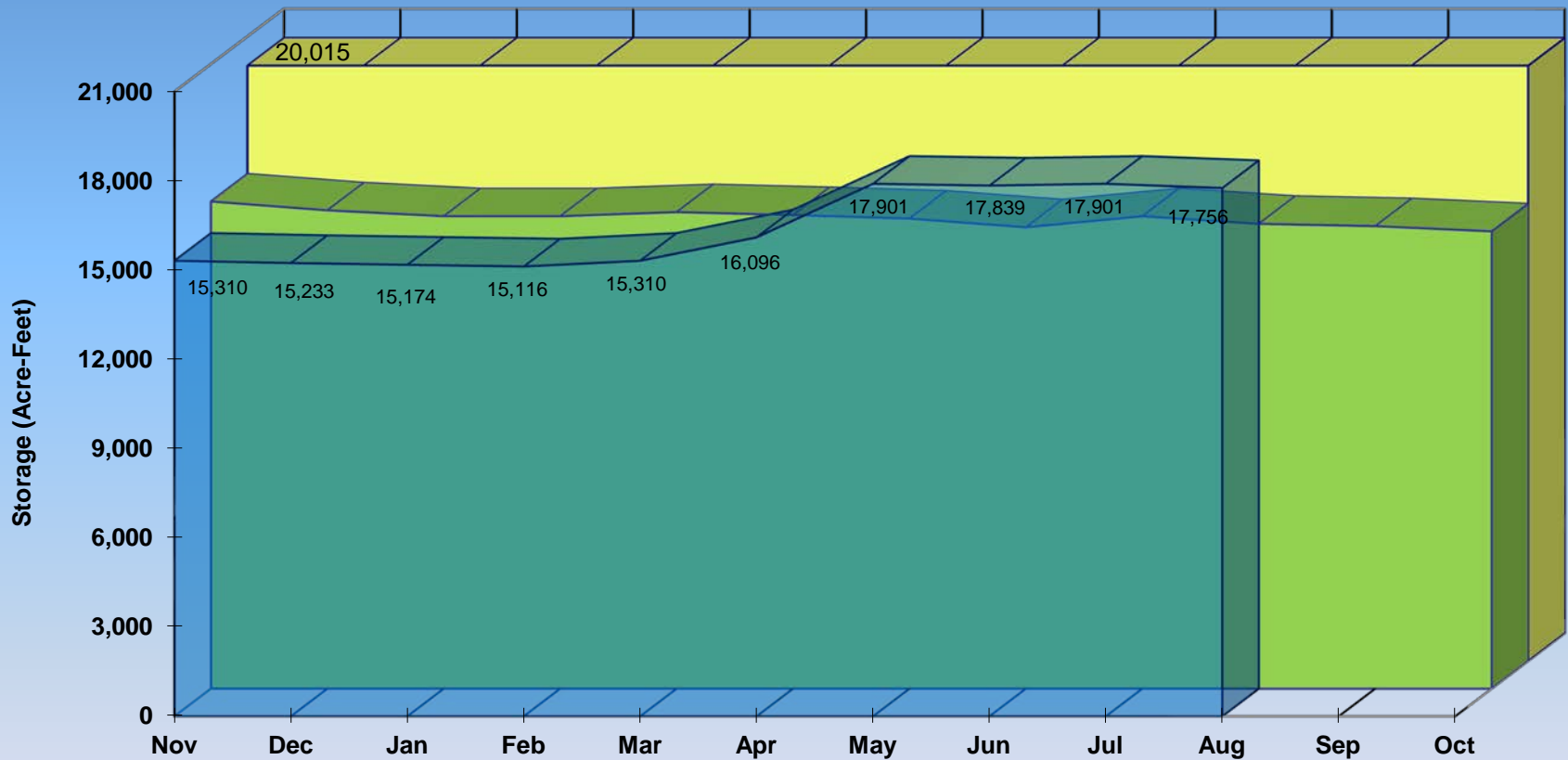
■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Dillon Reservoir (Municipal)



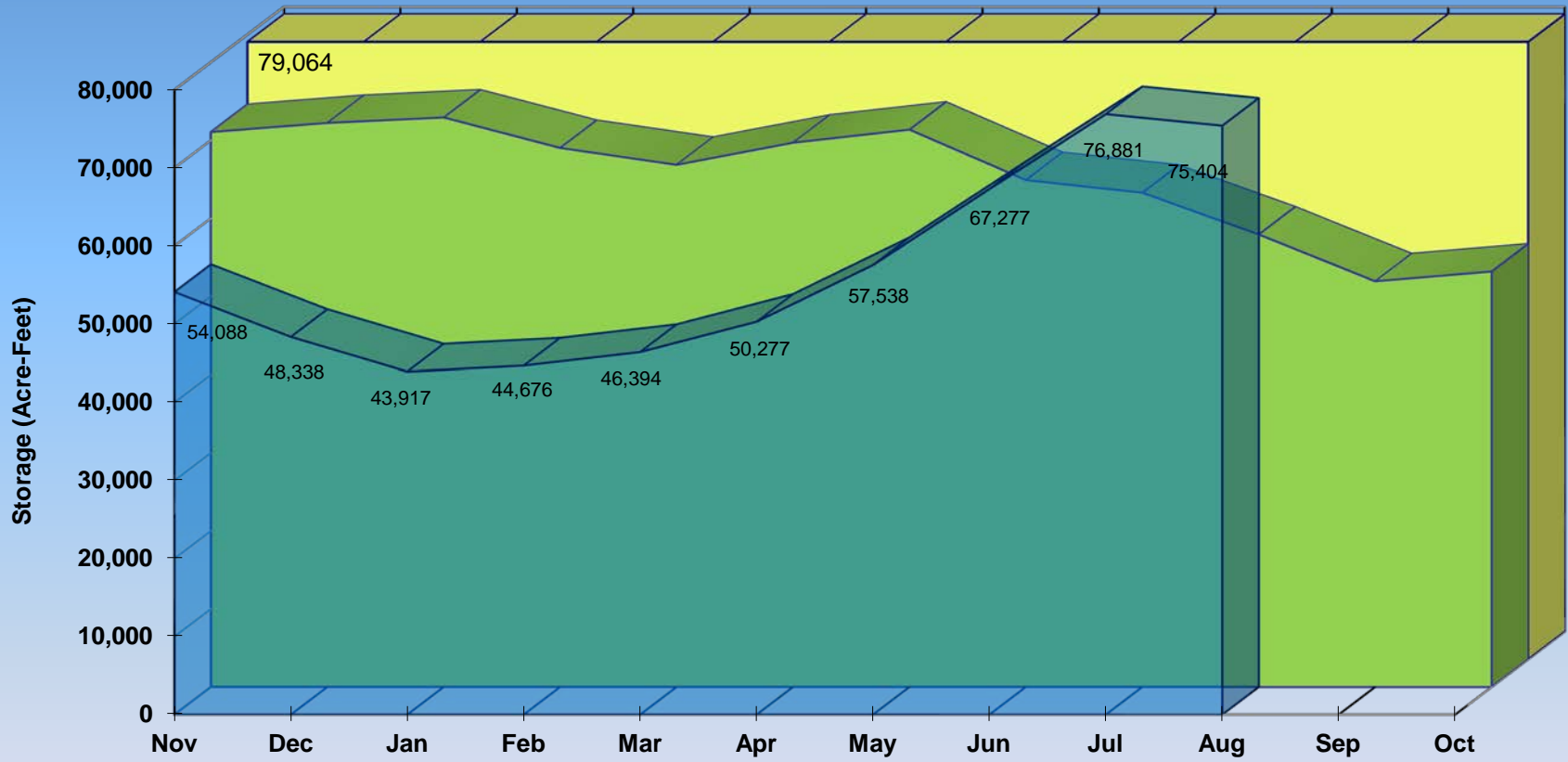
■ 2012-13 Monthly Storage
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Antero Reservoir (District 23 - Municipal)



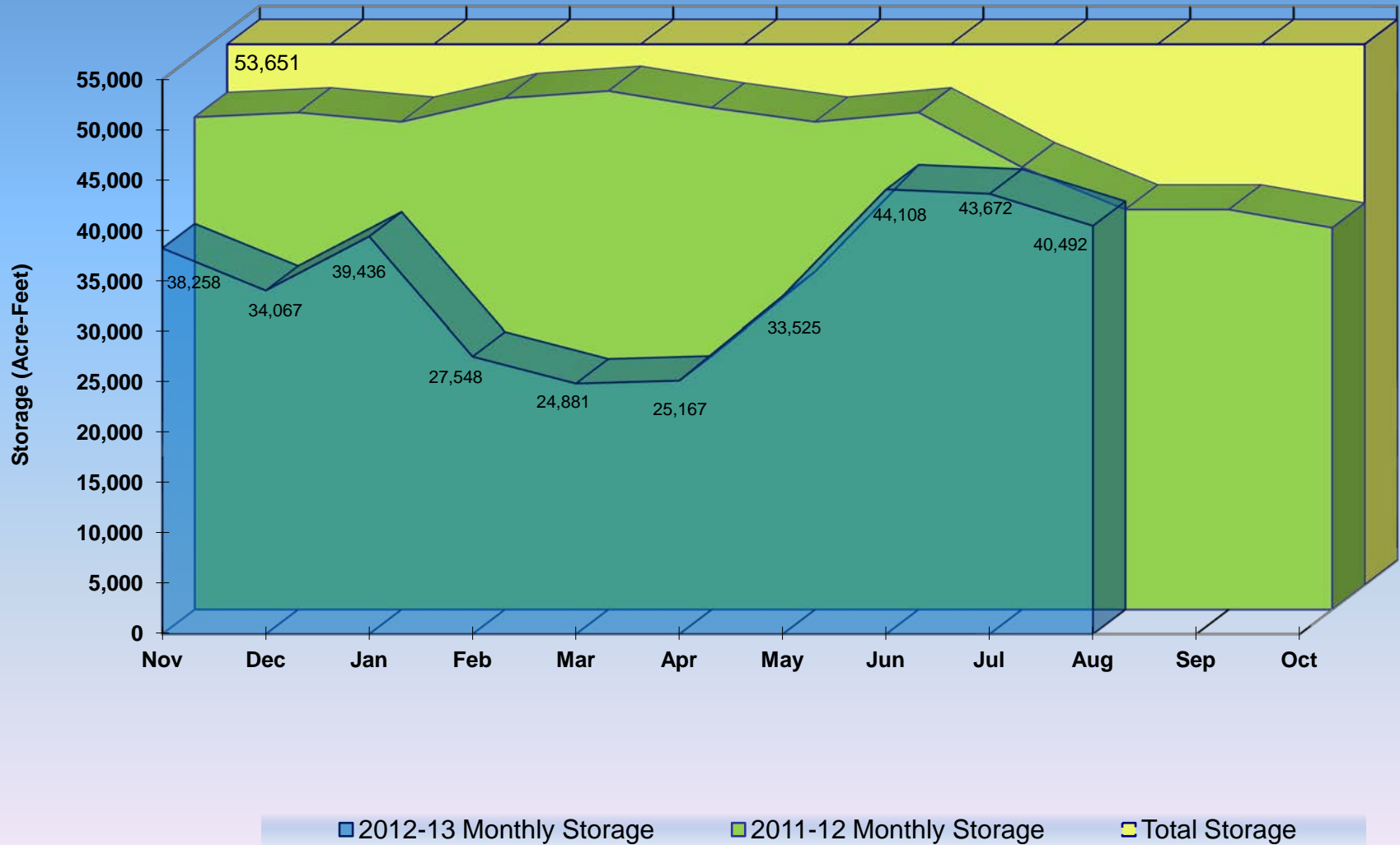
■ 2012-13 Monthly Storage
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 ■ Total Storage

Cheesman Reservoir (District 80 - Municipal)

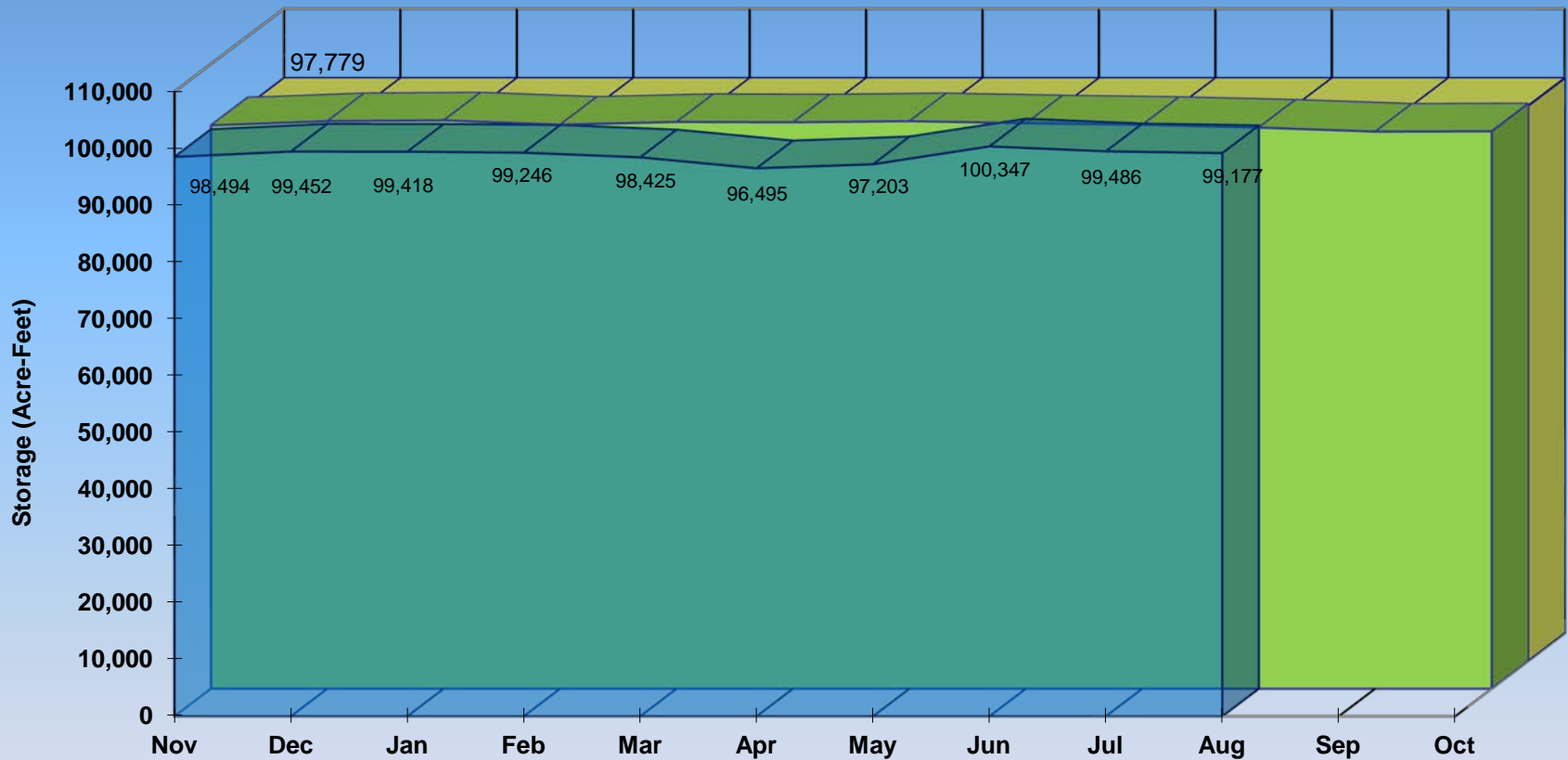


■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)

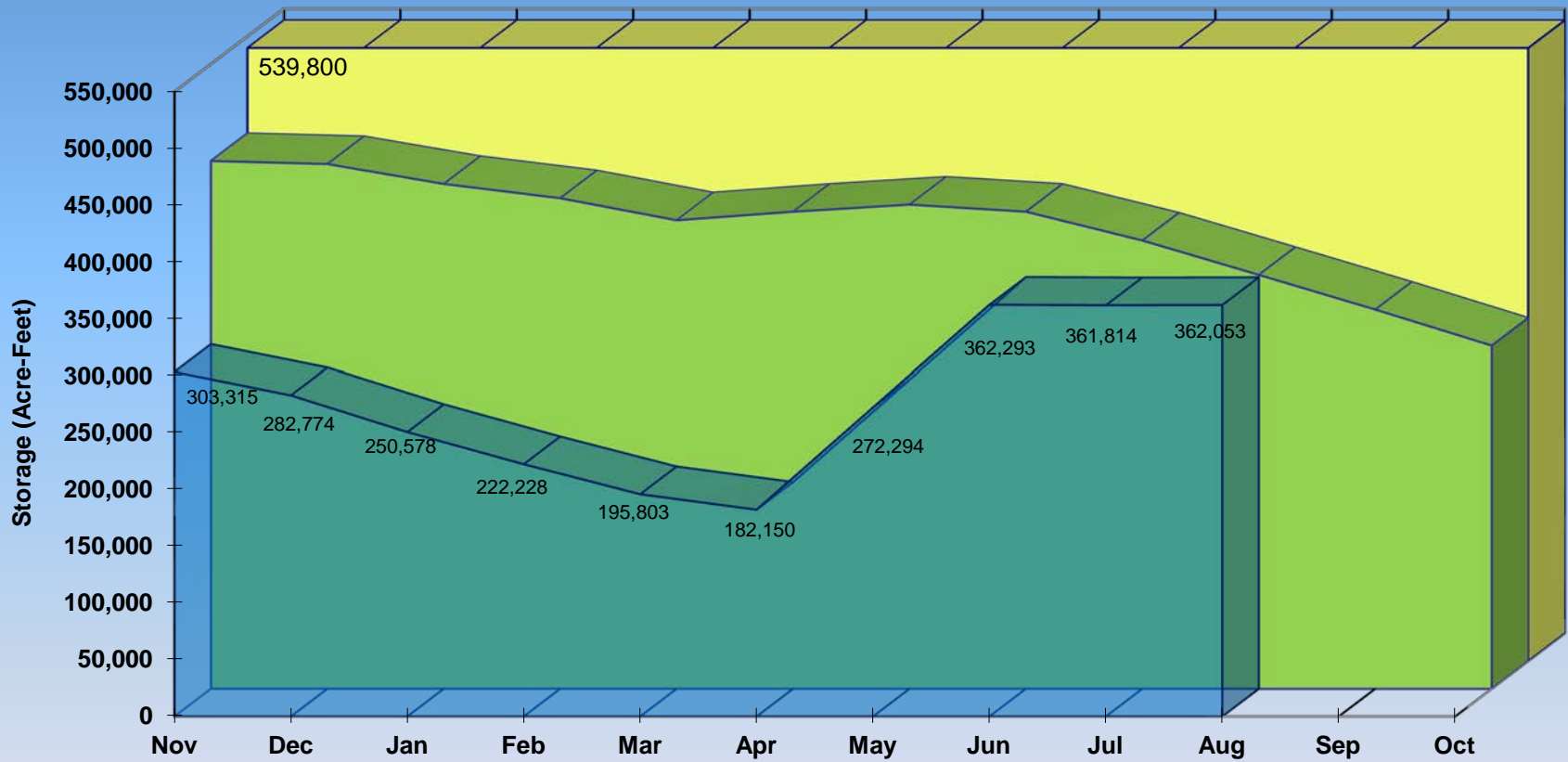


2012-13 Monthly Storage

2011-12 Monthly Storage

Total Storage

Lake Granby



■ 2012-13 Monthly Storage
 ■ 2011-12 Monthly Storage
 ■ Total Storage

All data is collected by the personnel of
Division 1 and is subject to revision.

