

South Platte Summary

June 2012



High Park Fire
June 22, 2012

Compiled by Lee Cunning, P.E.

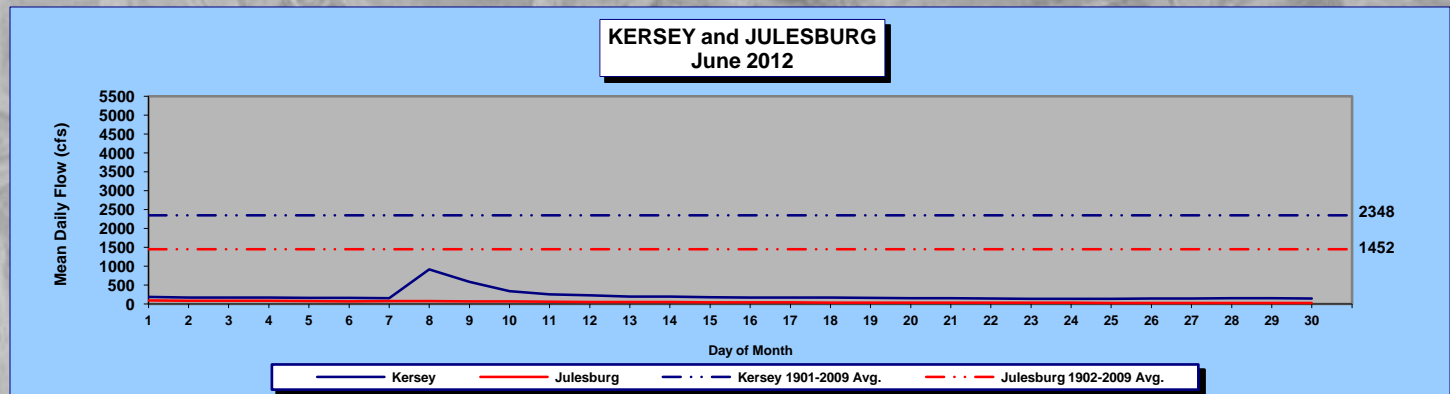
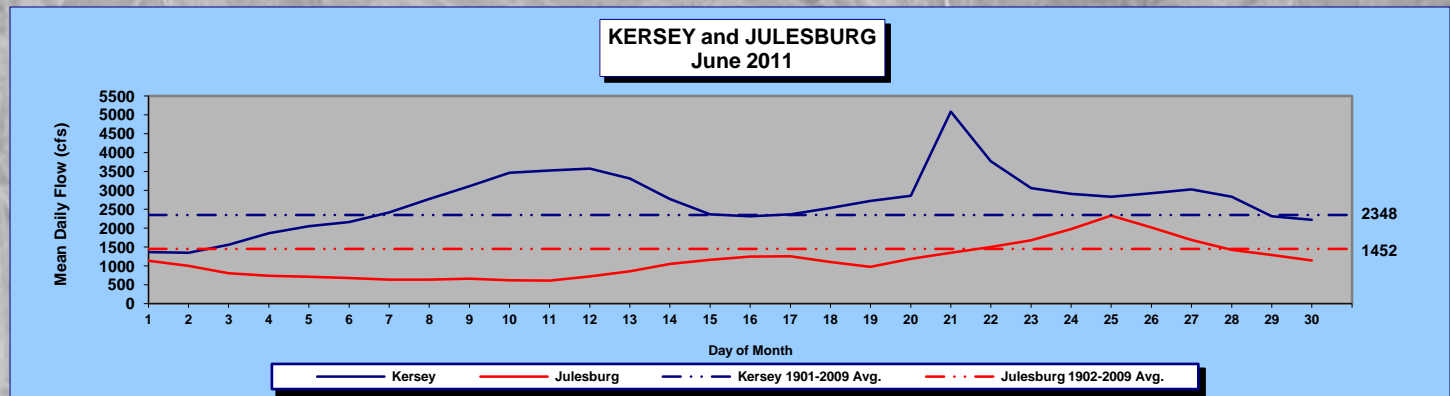
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF JUNE 2012

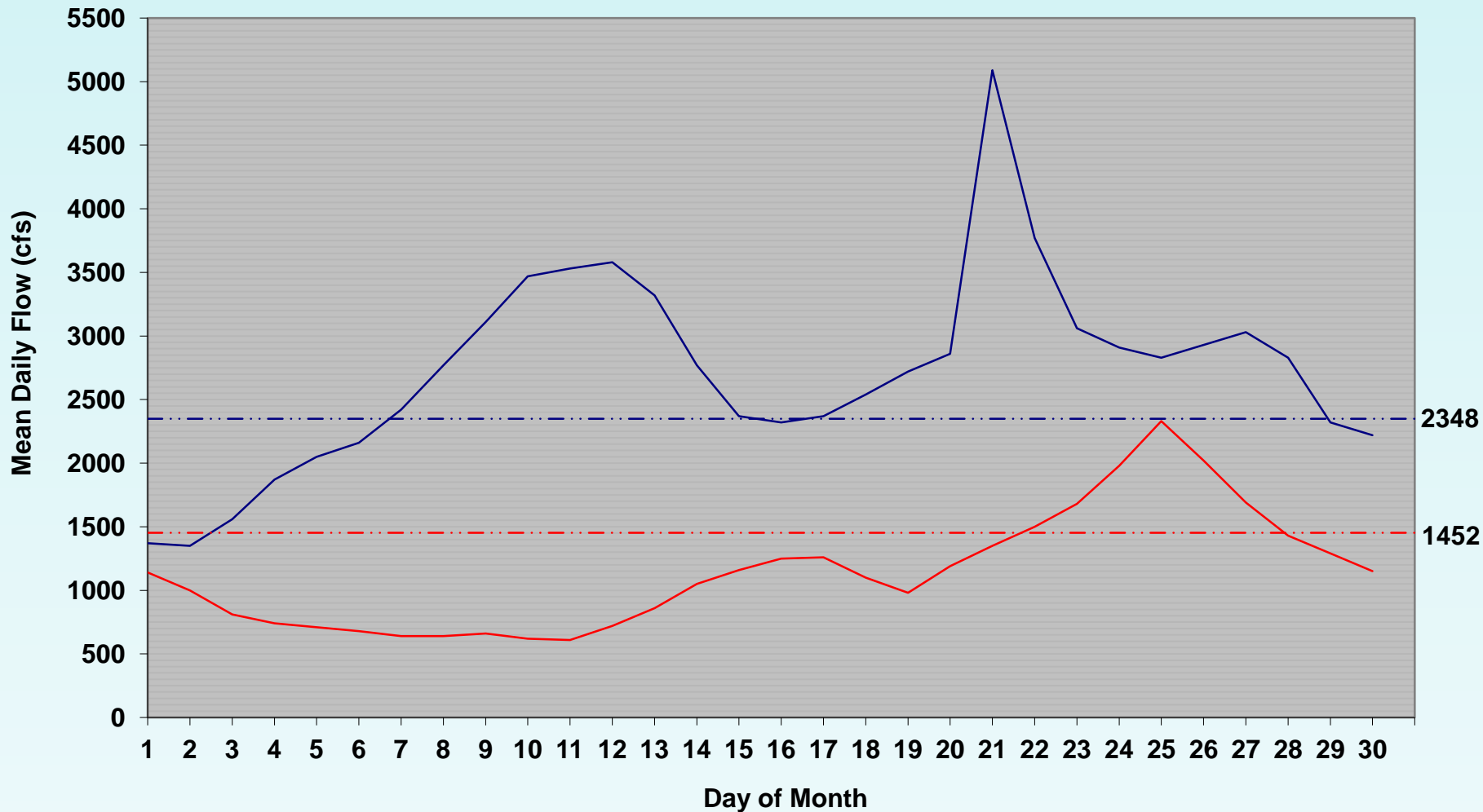
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	21,867	15,850	64	-6,017	-28%	70%	99%	0
N STERLING	73,730	61,646	42,066	64	-19,580	-32%	57%	99%	0
PREWITT	28,500	24,976	16,512	64	-8,464	-34%	58%	100%	0
JACKSON	27,257	26,181	16,725	1	-9,456	-36%	61%	100%	0
EMPIRE	37,700	29,078	16,531	1	-12,547	-43%	44%	99%	0
RIVERSIDE	63,113	50,060	35,008	1	-15,052	-30%	55%	98%	0
BARR LAKE	32,152	23,599	15,566	2	-8,033	-34%	48%	84%	0
CHEESMAN	79,064	71,356	64,889	80	-6,467	-9%	82%	99%	0
ELEVEN MILE	97,779	99,933	99,555	23	-378	0%	100%	100%	1,776
SPINNEY	53,651	48,380	49,311	23	931	2%	92%	89%	0
ANTERO	20,015	15,799	15,505	23	-294	-2%	77%	79%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	214
JULESBURG	55
THIS MONTH LAST YEAR	
KERSEY	2717
JULESBURG	1141
MEAN FOR PERIOD OF RECORD*	
KERSEY	2348
JULESBURG	1452

* 1901-2011
1902-2011

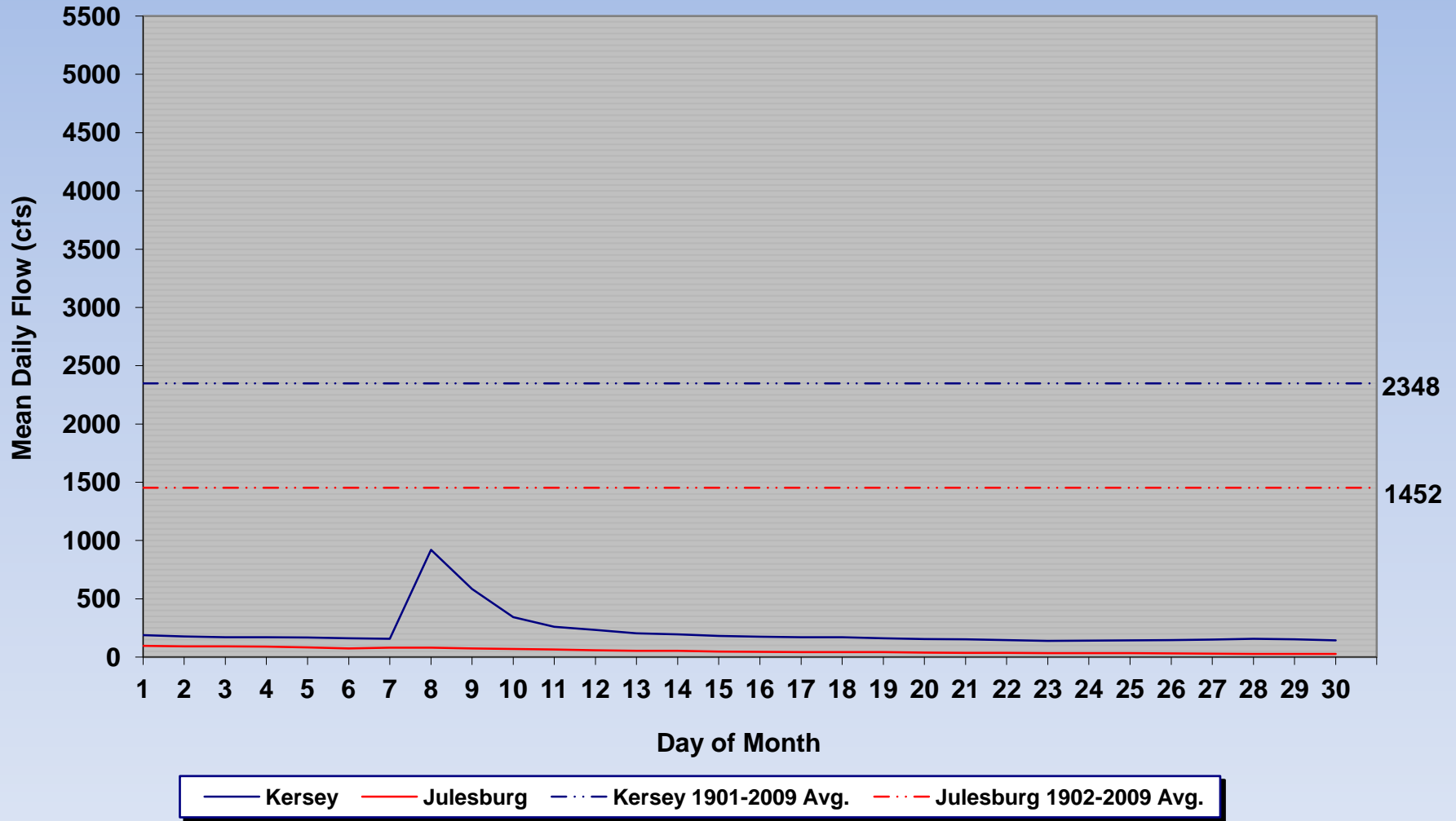


KERSEY and JULESBURG June 2011

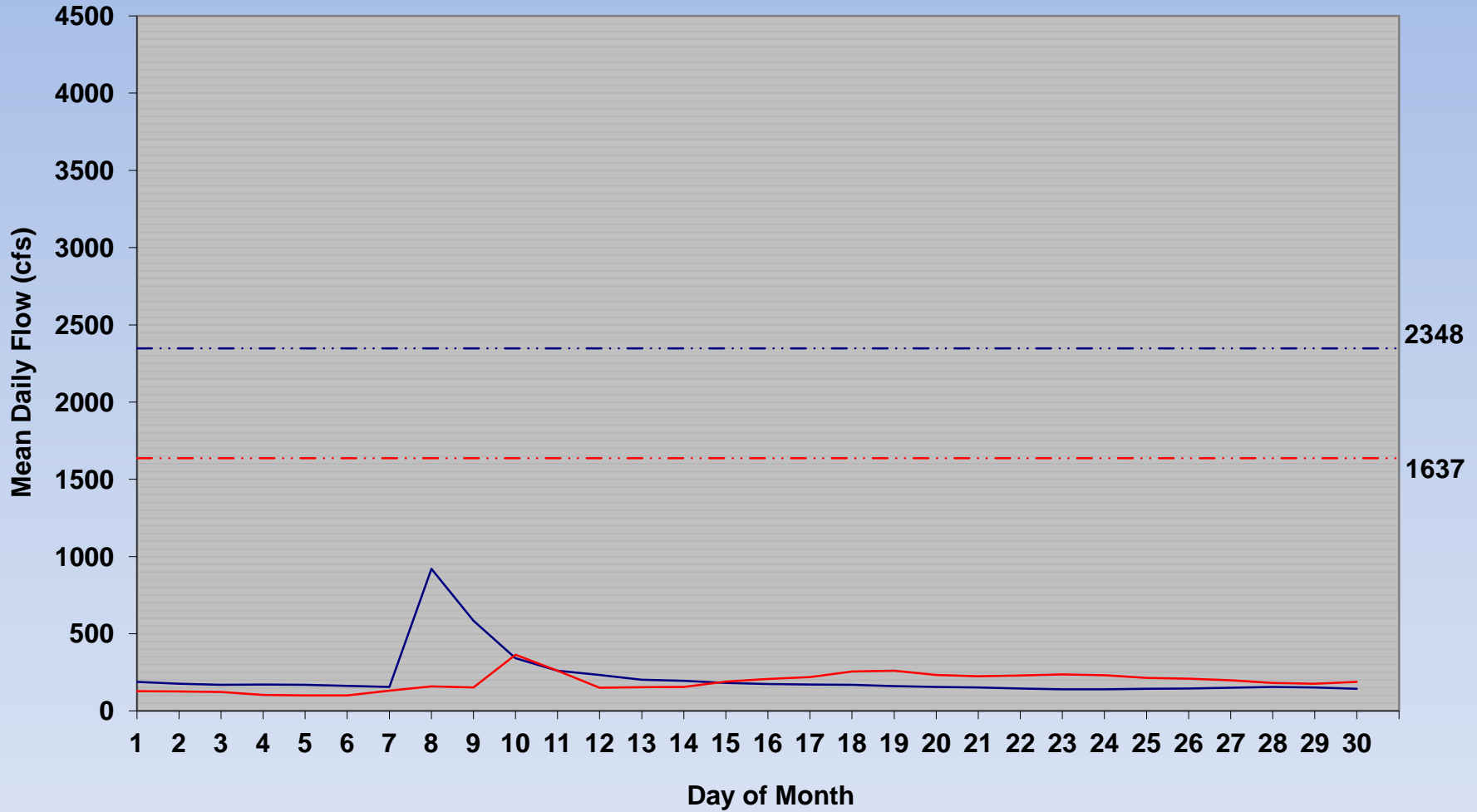


— Kersey — Julesburg - · - Kersey 1901-2009 Avg. - · - Julesburg 1902-2009 Avg.

KERSEY and JULESBURG June 2012



KERSEY and BALZAC June 2012



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

Cache la Poudre at
Canyon Mouth
July 7, 2012

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 2012 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2012 Mean Monthly Flow
Nov	740	3650	1984	70	1934	1162	Nov	335	2900	1984	4.2	1903	411
Dec	682	1890	1961	91	1934	922	Dec	397	1820	1984	13	2002	800
Jan	652	2160	1974	158	1935	791	Jan	509	2510	1970	21	2003	1049
Feb	674	3060	1914	152	1935	887	Feb	582	3220	1930	29	2005	1066
Mar	688	3470	1983	80	1935	675	Mar	522	12900	1910	15	1904	422
Apr	846	18100	1942	28	1955	294	Apr	523	14400	1942	4.0	1904	146
May	1746	26100	1973	29	1955	264	May	1003	18100	1973	12	1911	109
Jun	2323	31000	1921	52	1954	214	Jun	1430	30800	1921	2.0	1910	55
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	668	6180	1984	66	1954		Oct	301	3130	1984	4.2	1903	

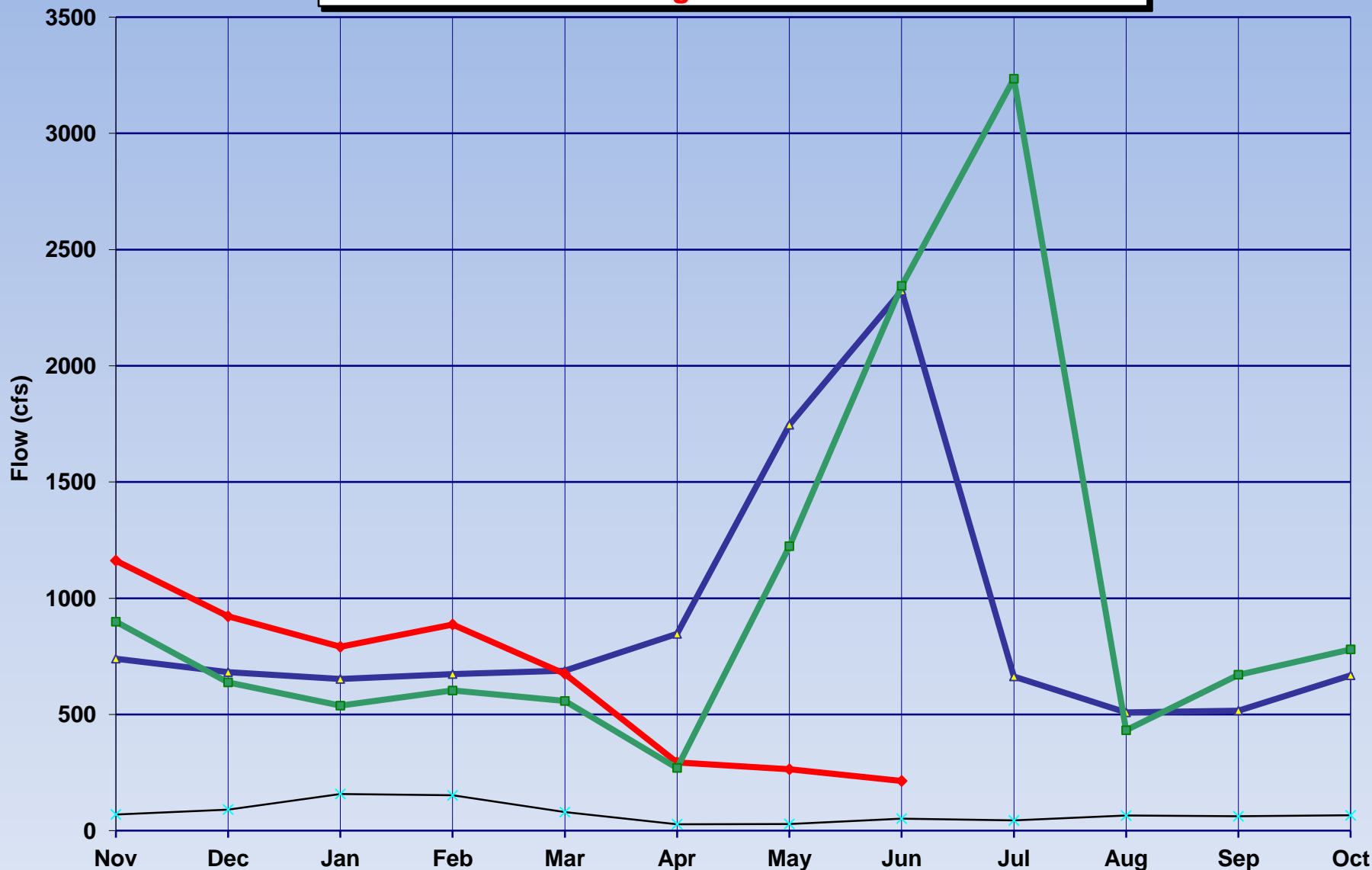
*Period of record 1902-2011

*Period of record 1902-2011



South Platte River at Kersey

Irrigation Year

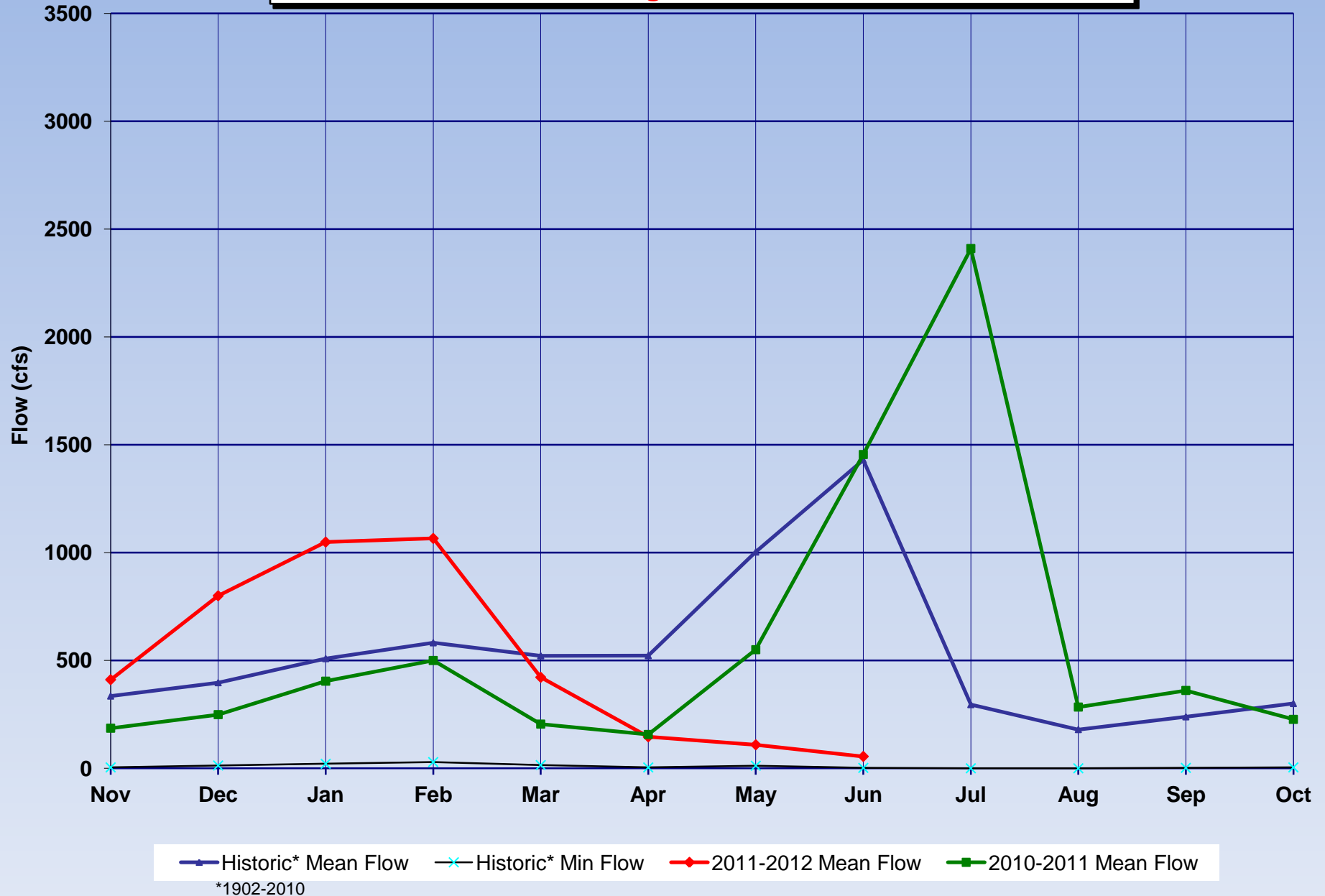


Historic* Mean Flow Historic* Min Flow 2011-2012 Mean Flow 2010-2011 Mean Flow

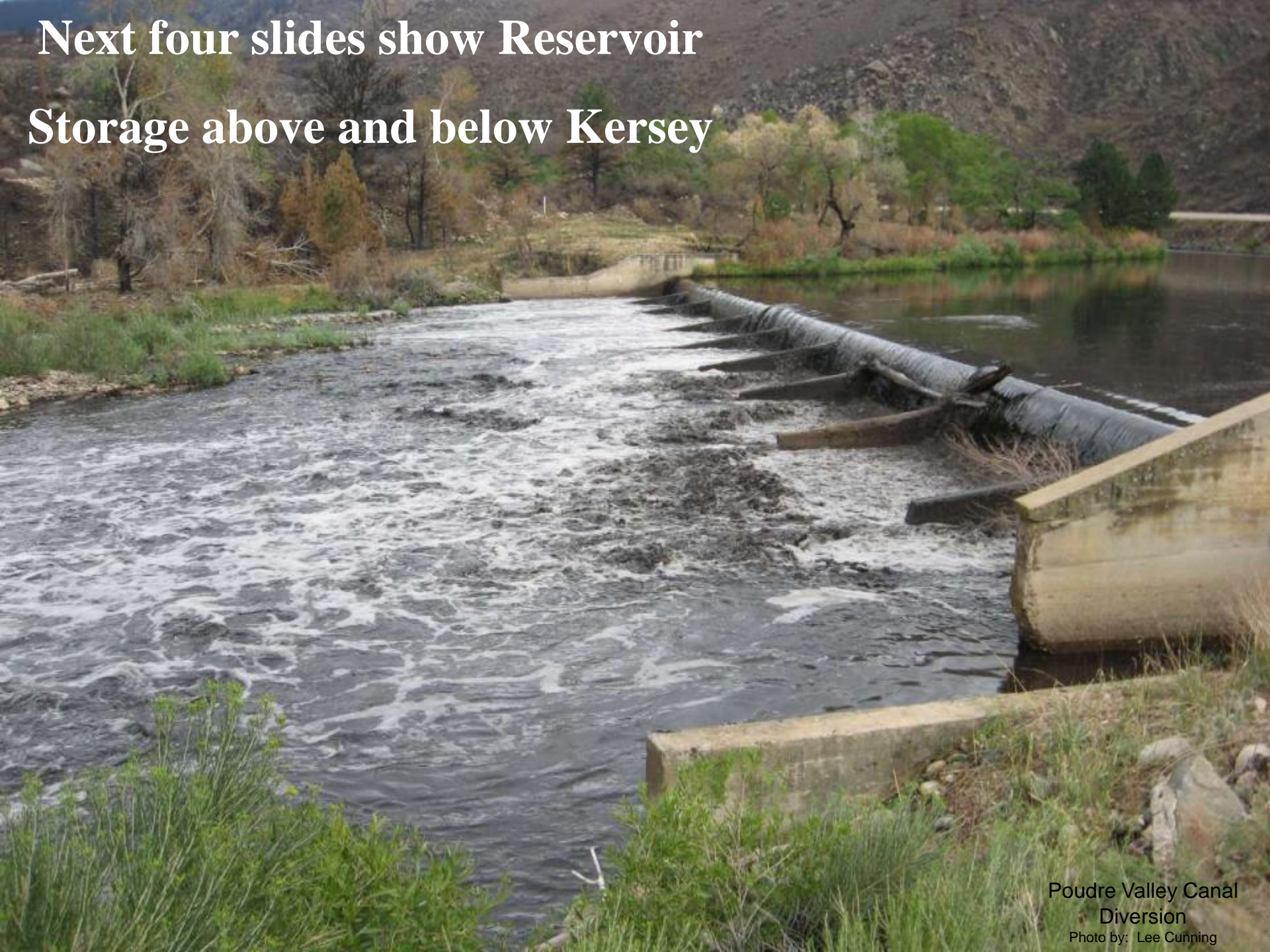
*1901-2010

South Platte River at Julesburg

Irrigation Year



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

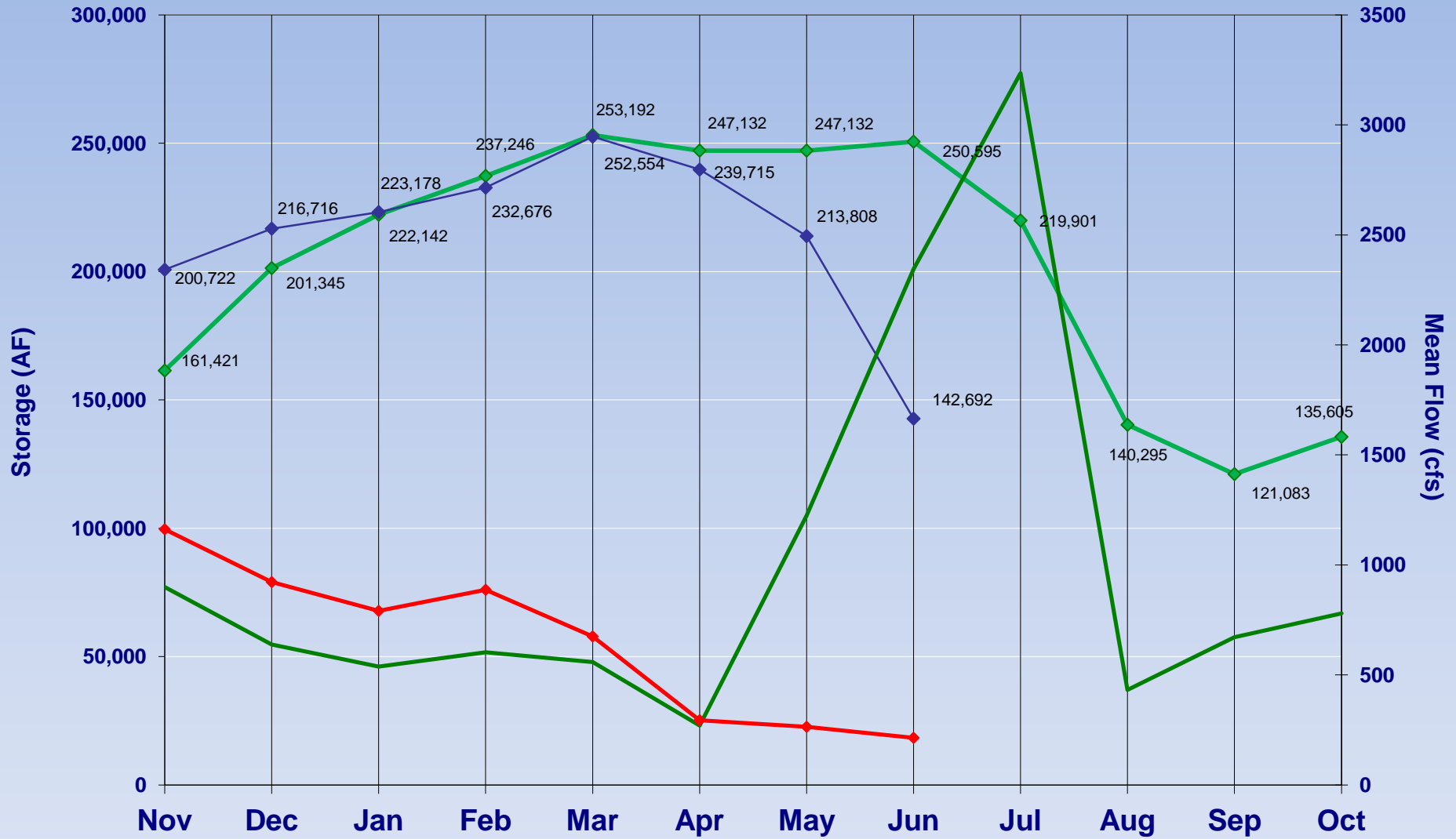


**Poudre Valley Canal
Diversion**

Photo by: Lee Cunning

Reservoir Storage below Kersey

Selected Reservoirs*



◆ 2010-11 Monthly Storage

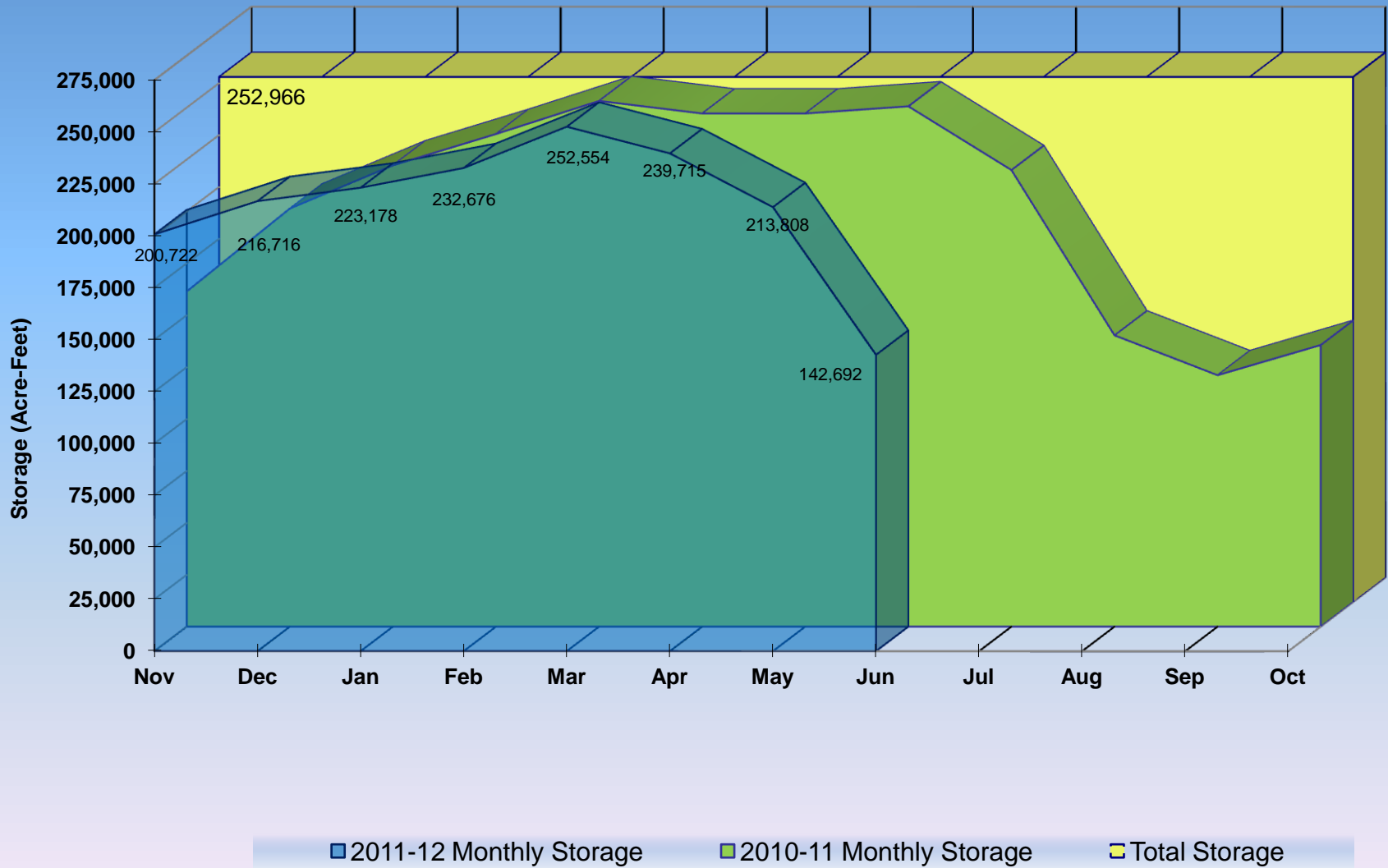
◆ 2011-12 Monthly Storage

— Kersey 2010-11

— Kersey 2011-12

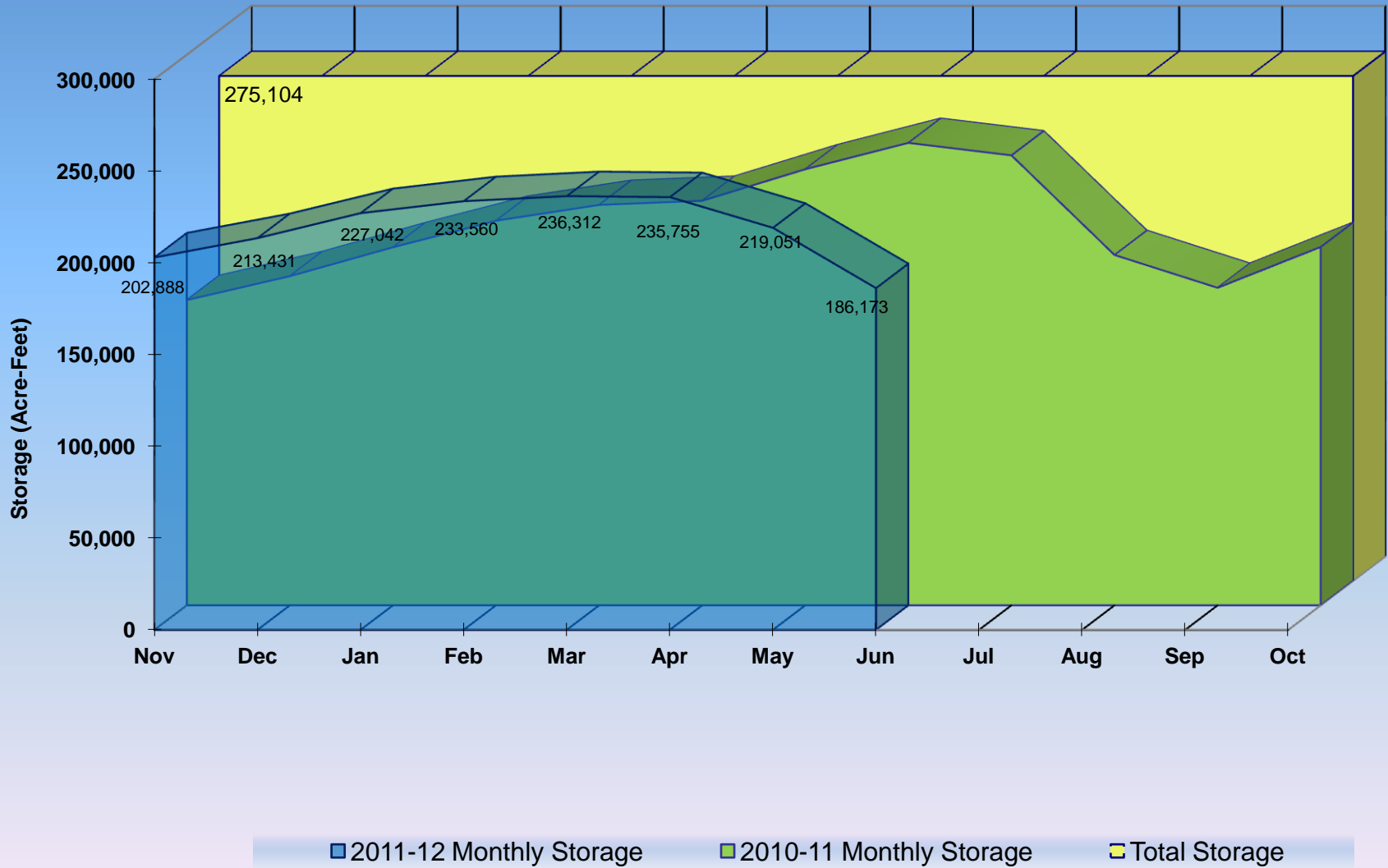
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



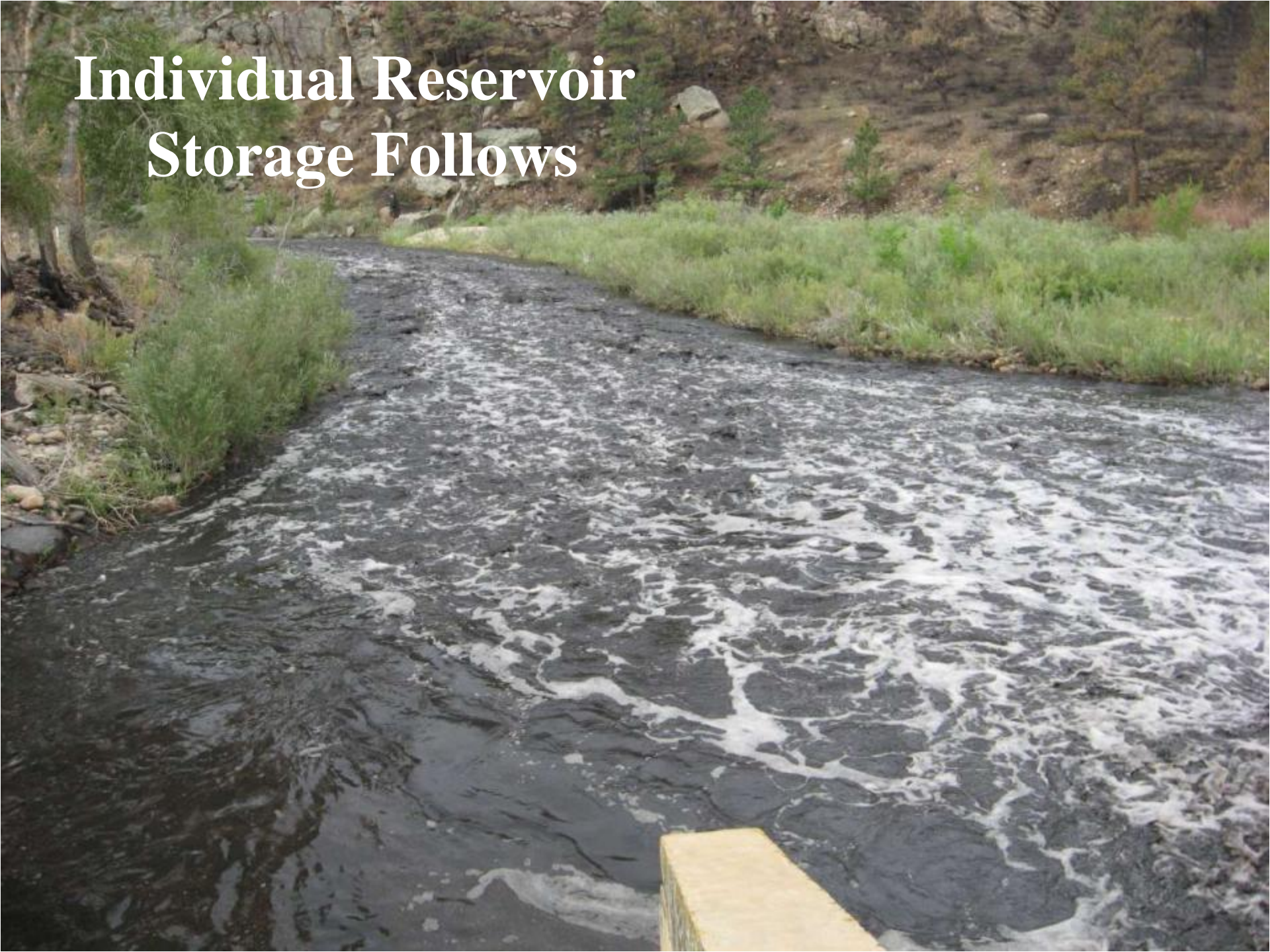
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage above Kersey*

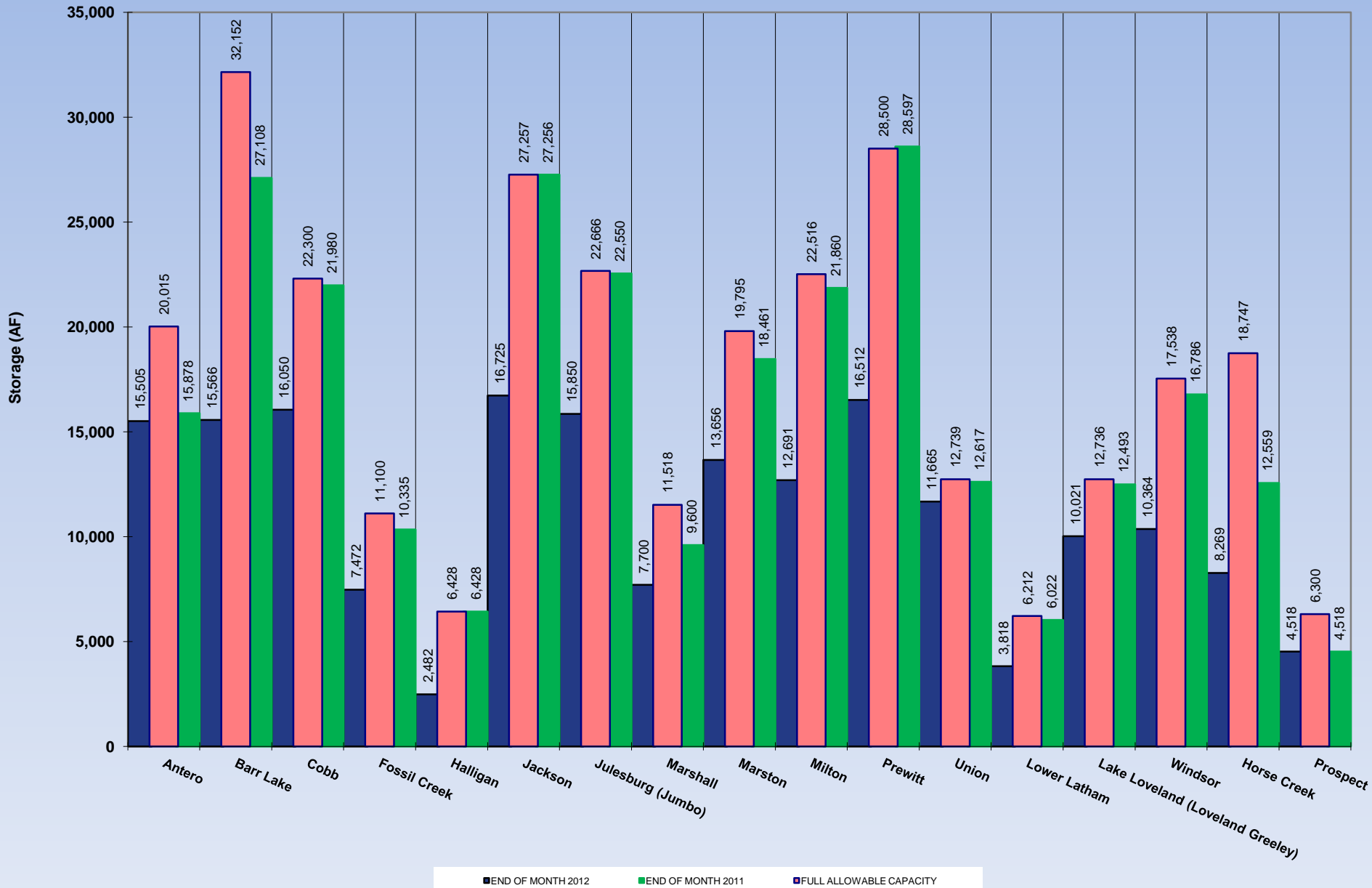


*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

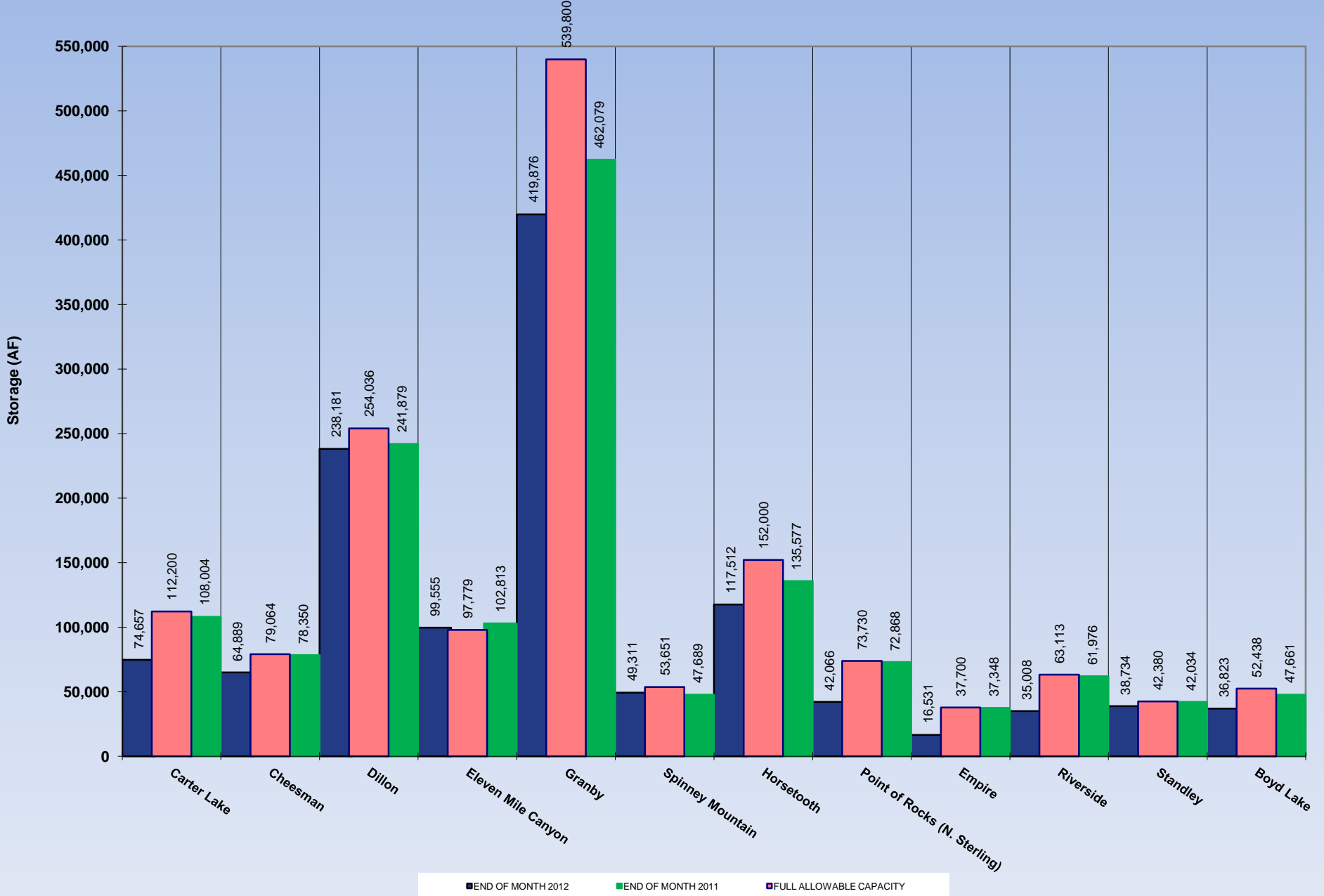
Individual Reservoir Storage Follows



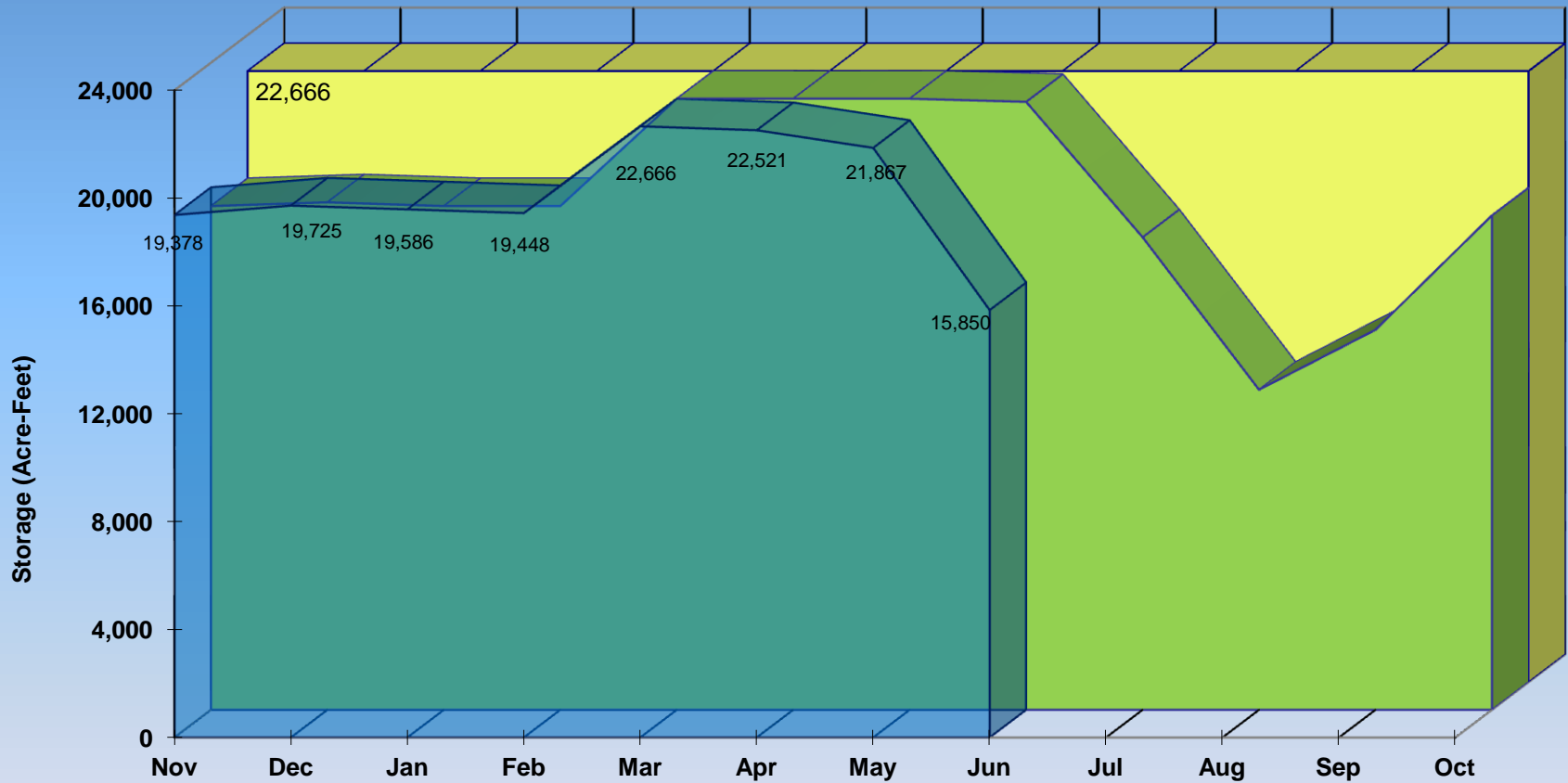
June Reservoir Change in Storage 2011 versus 2012



June Reservoir Change in Storage 2011 versus 2012

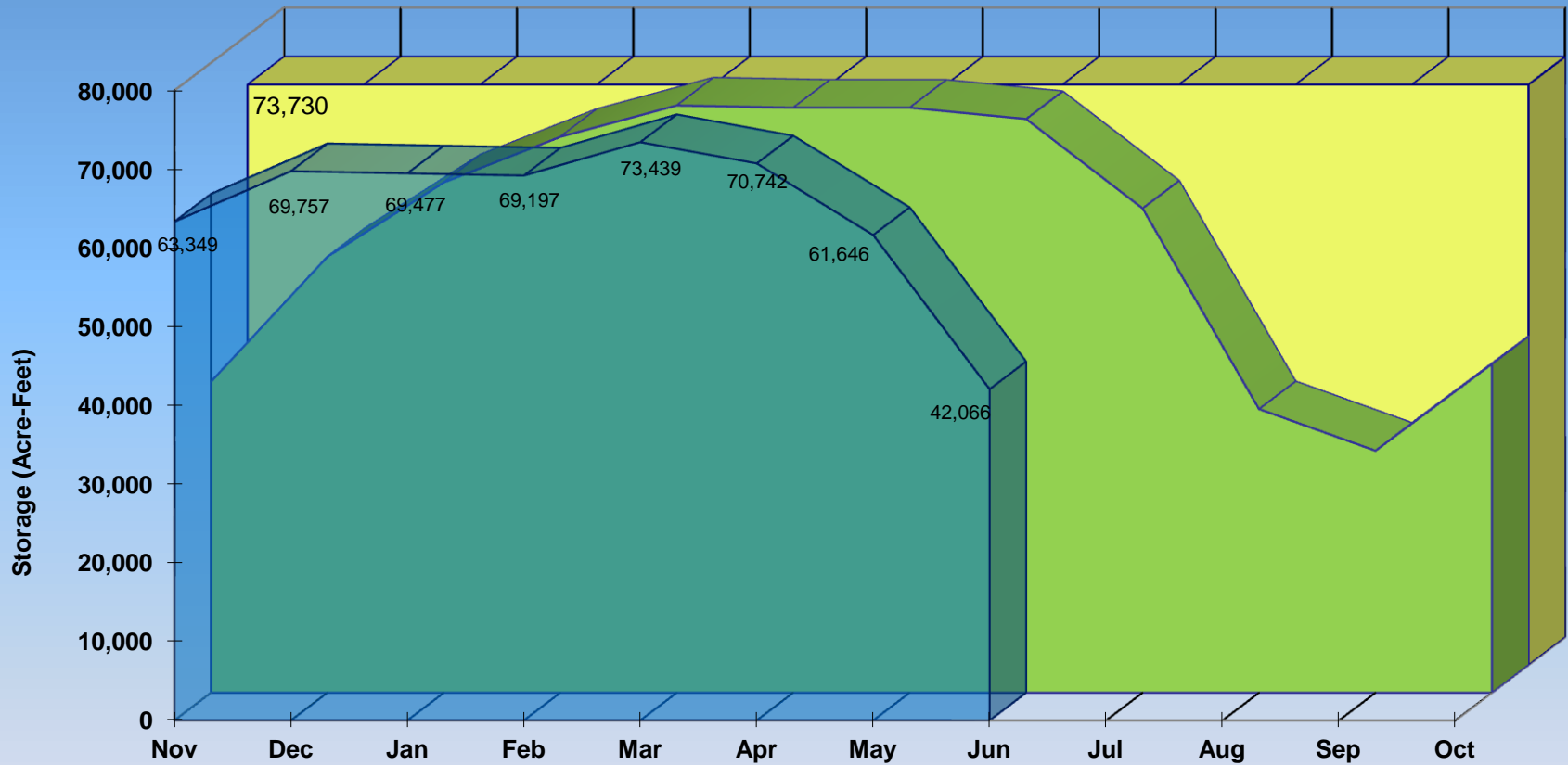


Julesburg Reservoir (District 64 - Agricultural)



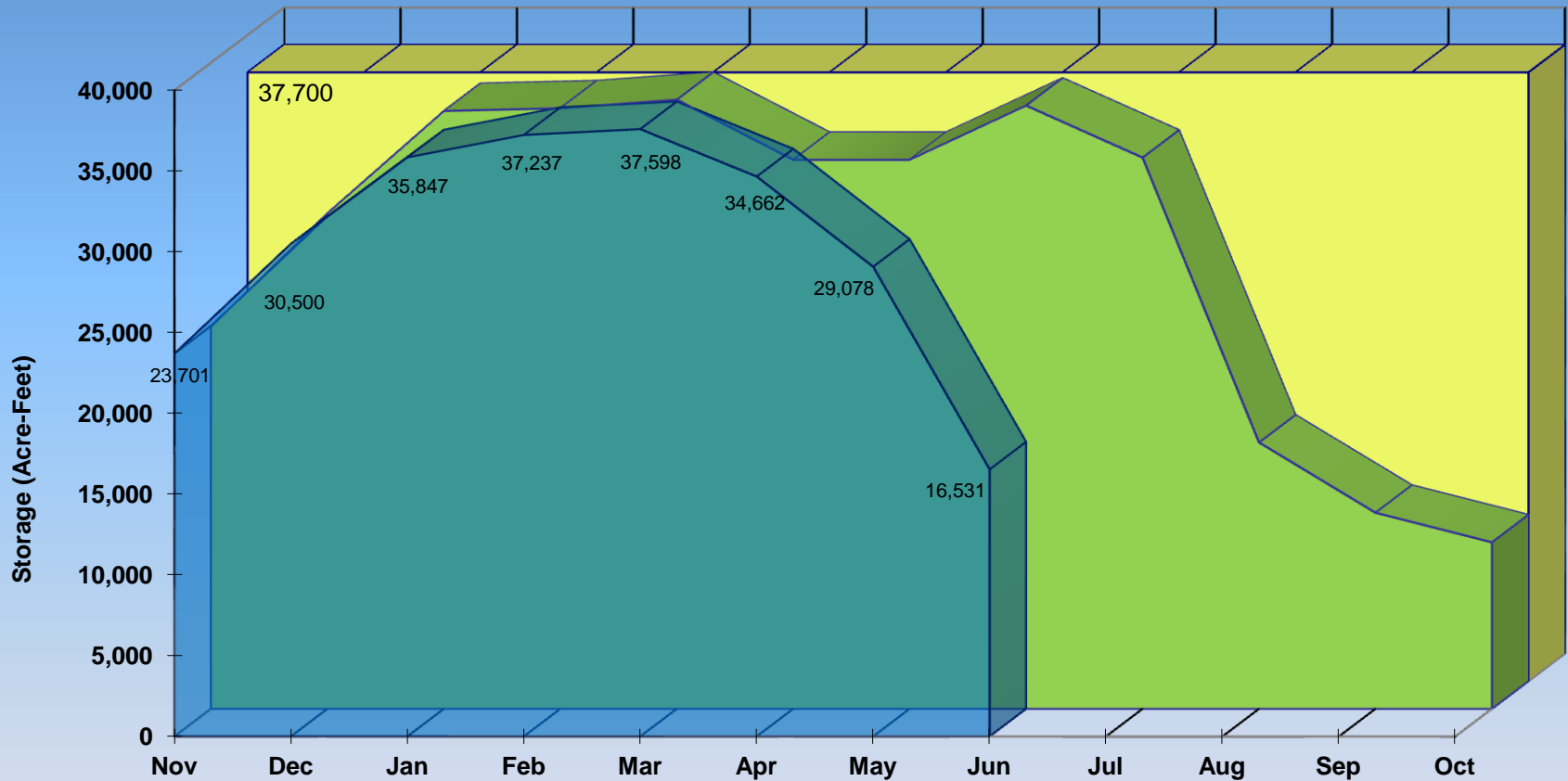
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

North Sterling Reservoir (District 64- Agricultural)



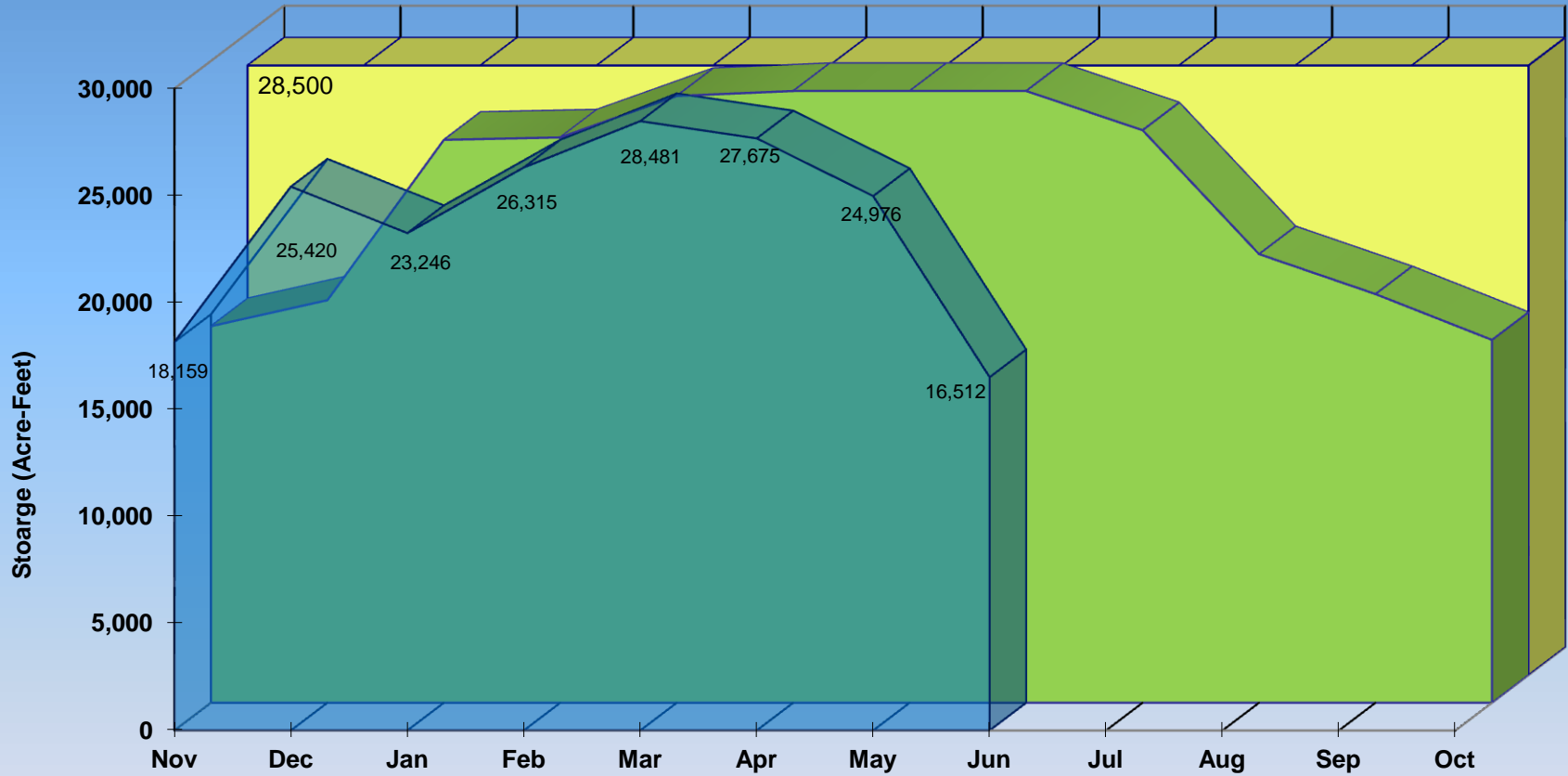
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Empire Reservoir (District 1- Agricultural)



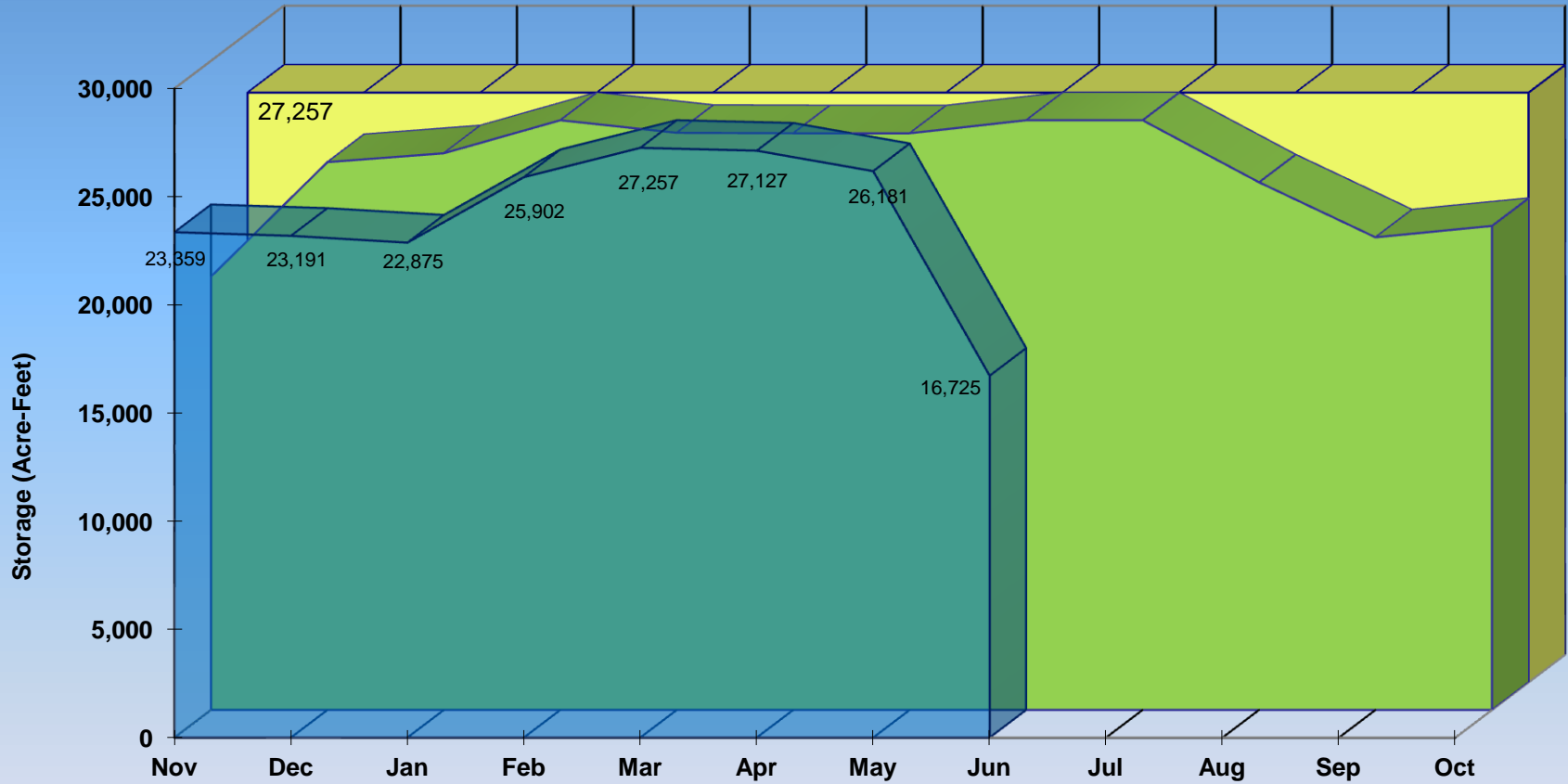
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Prewitt Reservoir (District 64- Agricultural)



■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Jackson Reservoir (District 1- Agricultural)

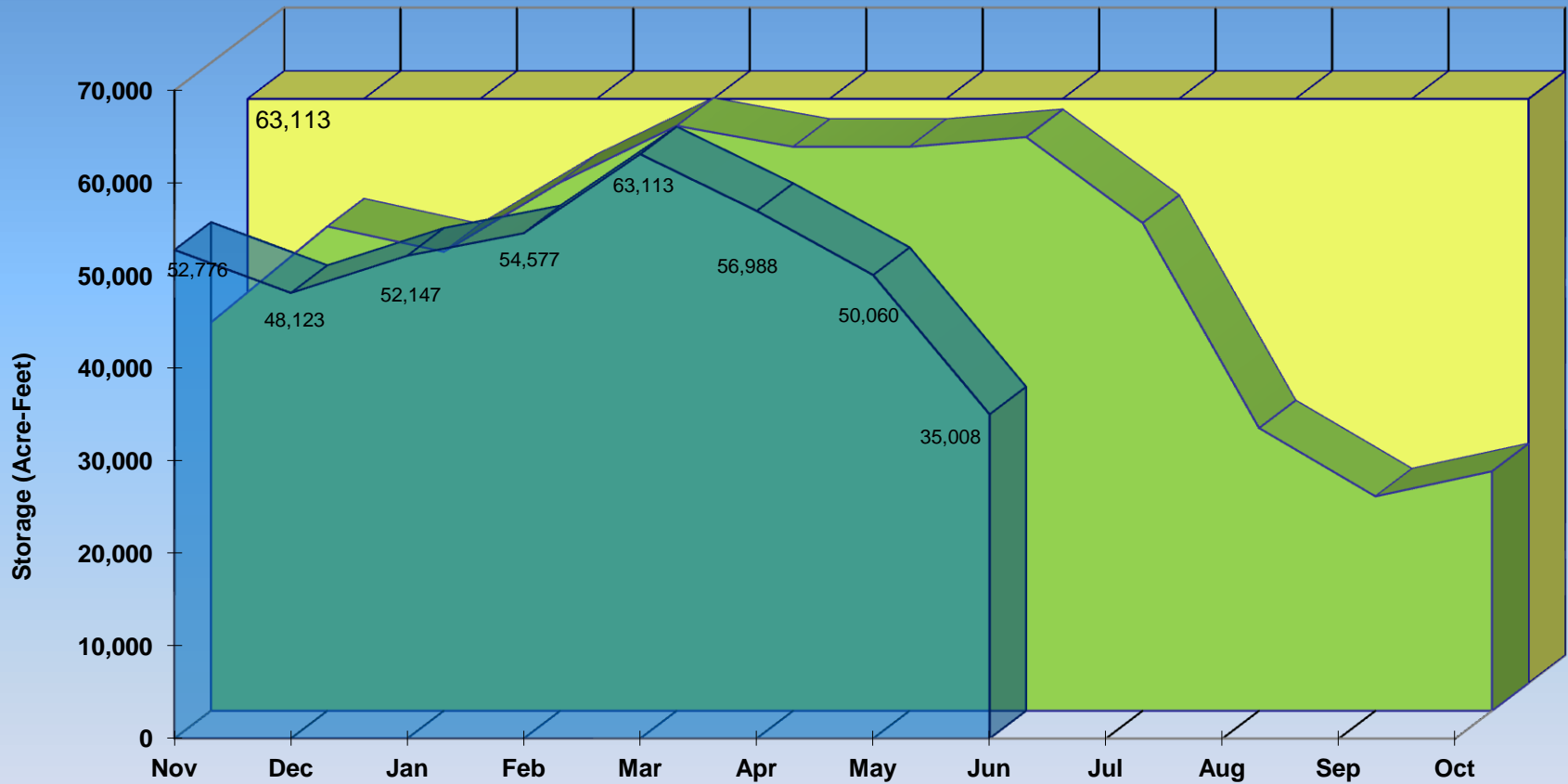


2011-12 Monthly Storage

2010-11 Monthly Storage

Total Storage

Riverside Reservoir (District 1 - Agricultural)



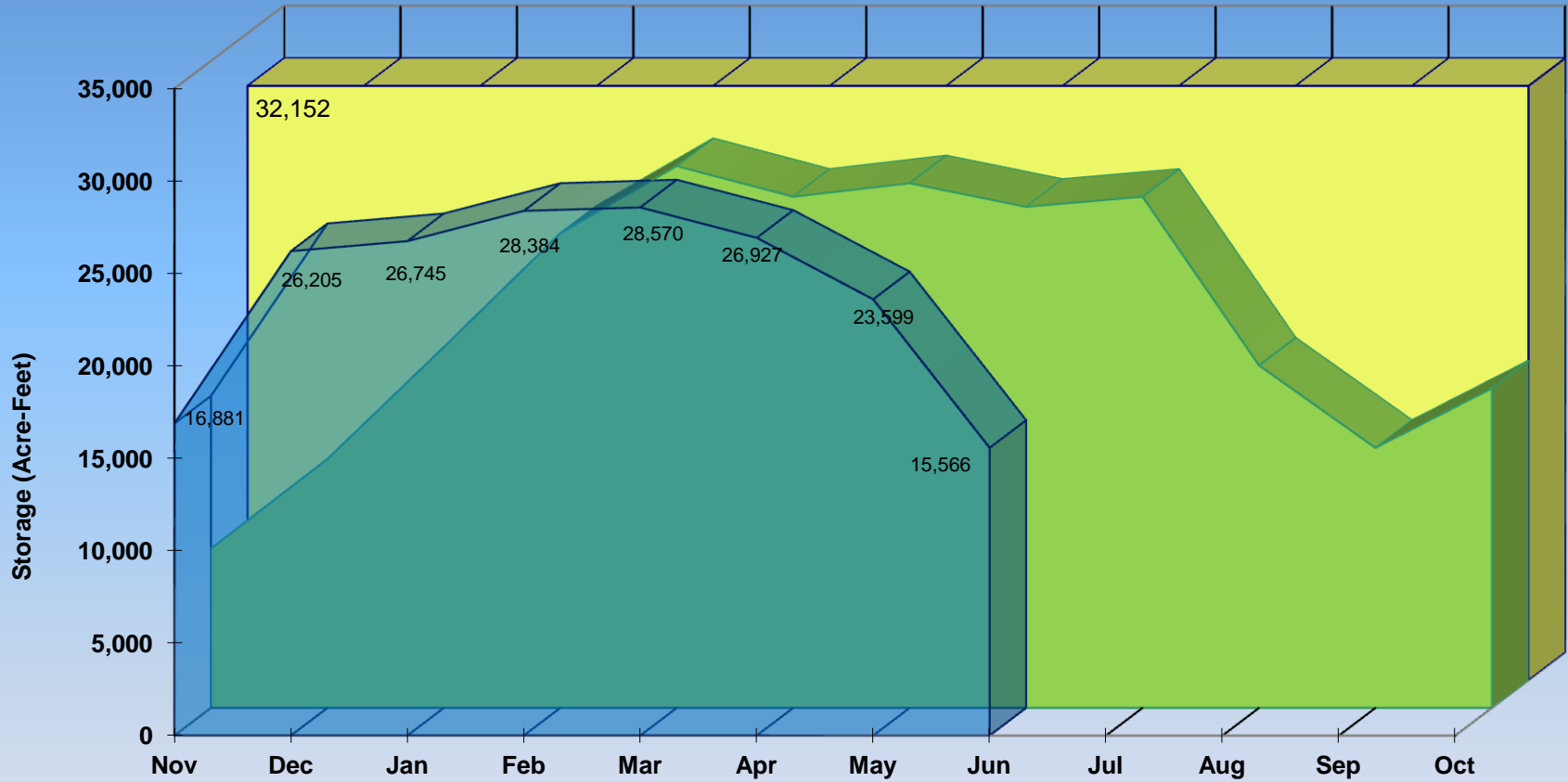
2011-12 Monthly Storage

2010-11 Monthly Storage

Total Storage

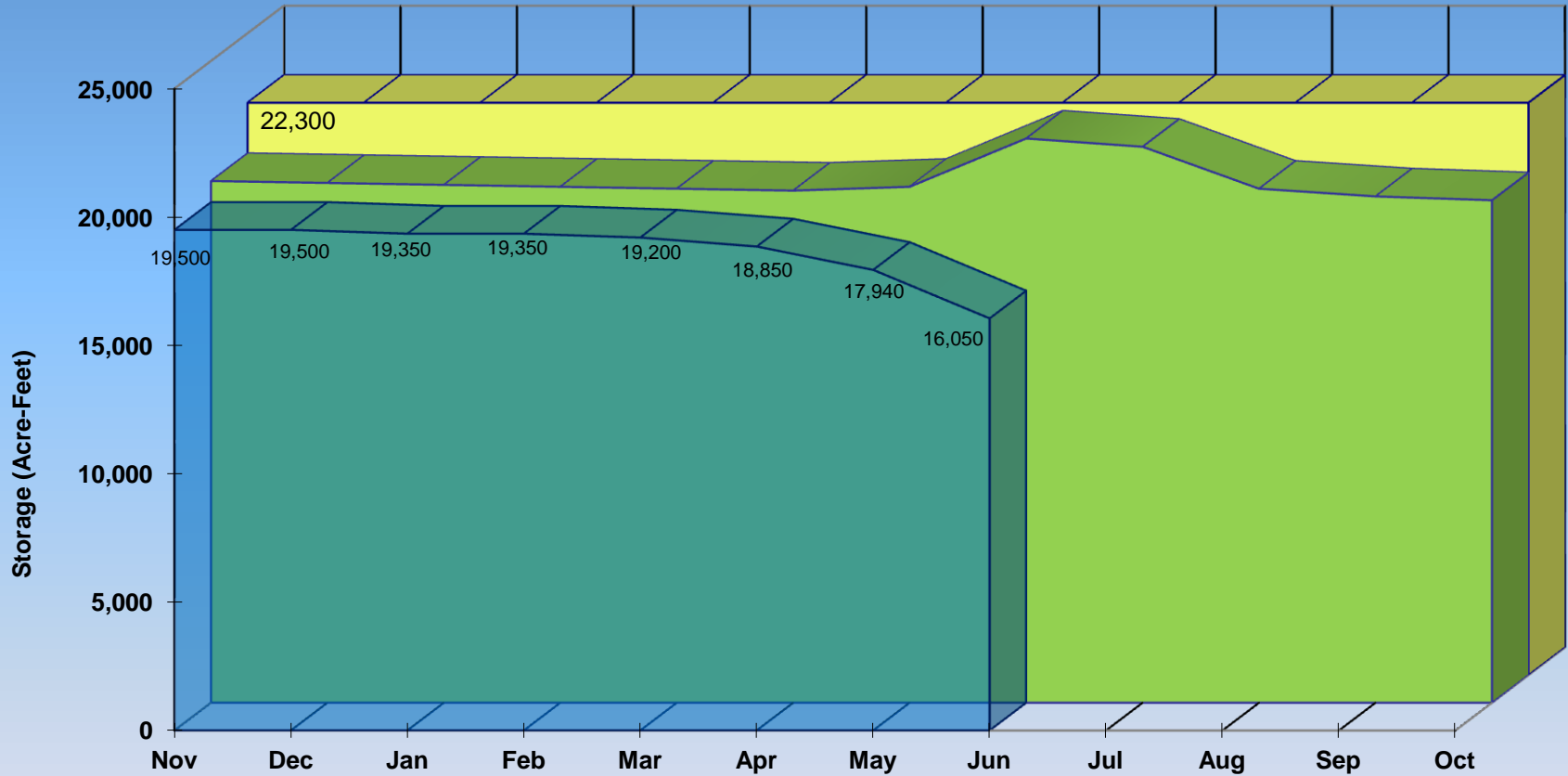
Barr Lake

(District 2 - Agricultural)



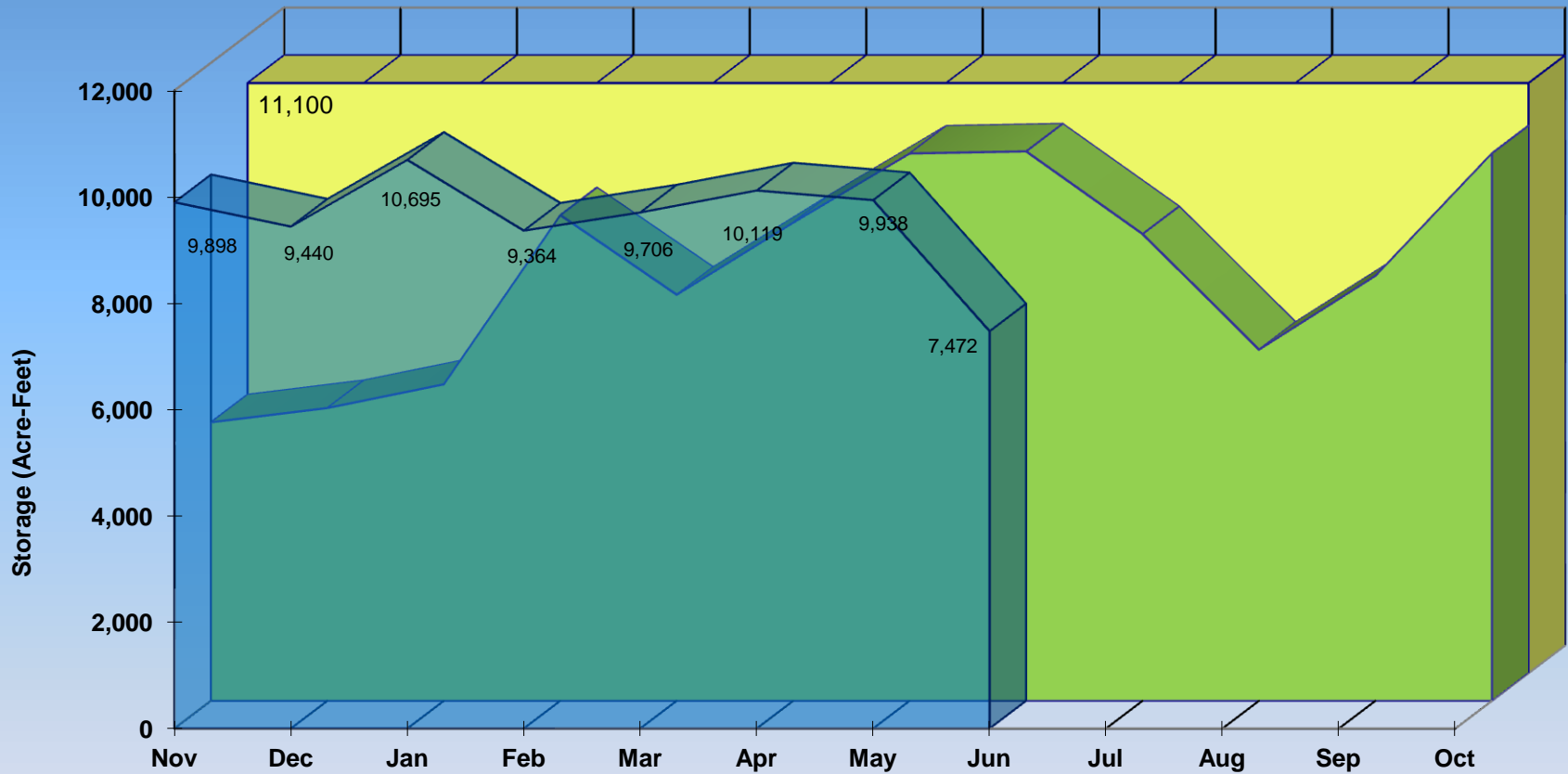
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Cobb Lake (District 3, Poudre River - Agricultural)



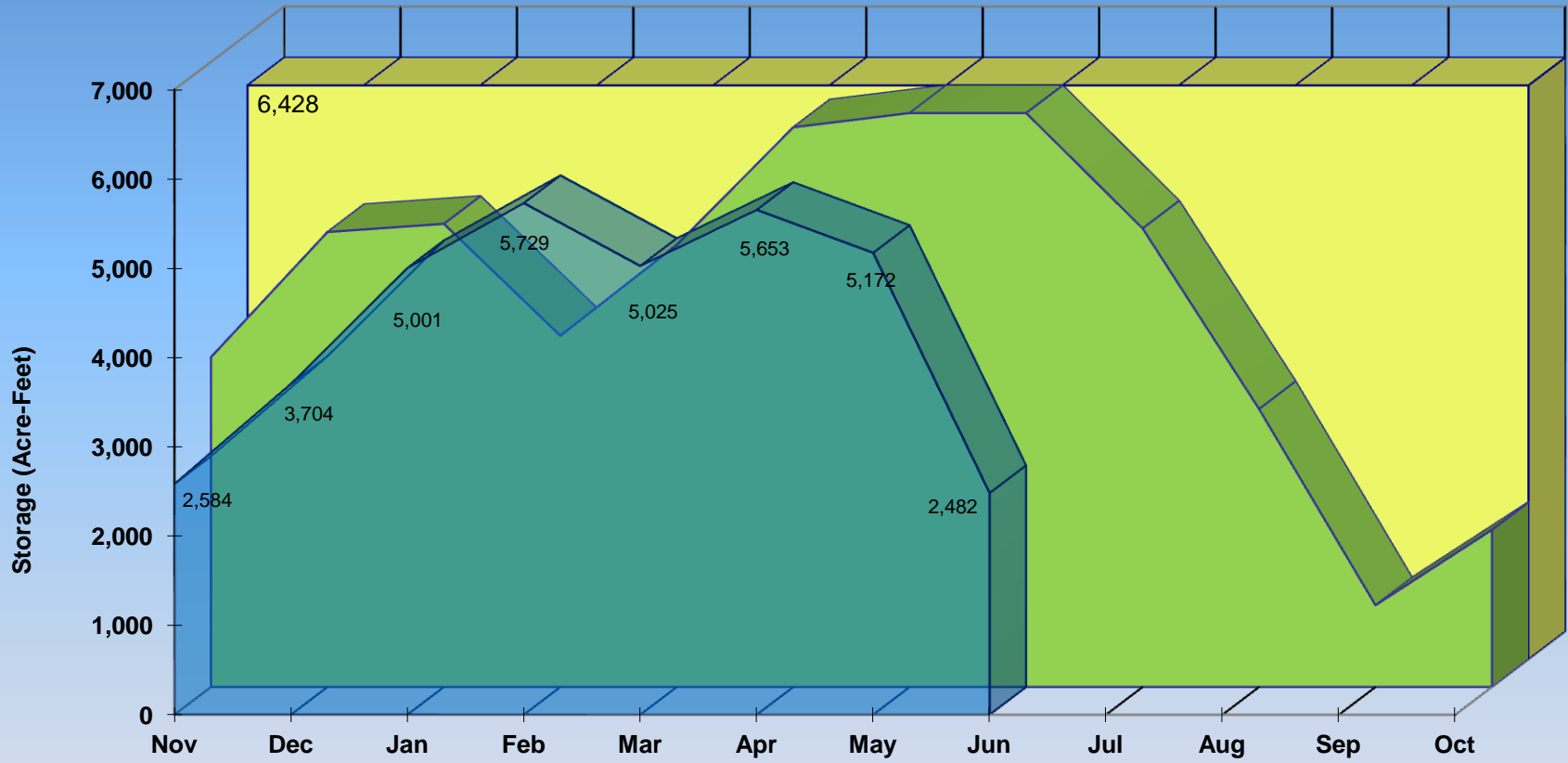
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

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



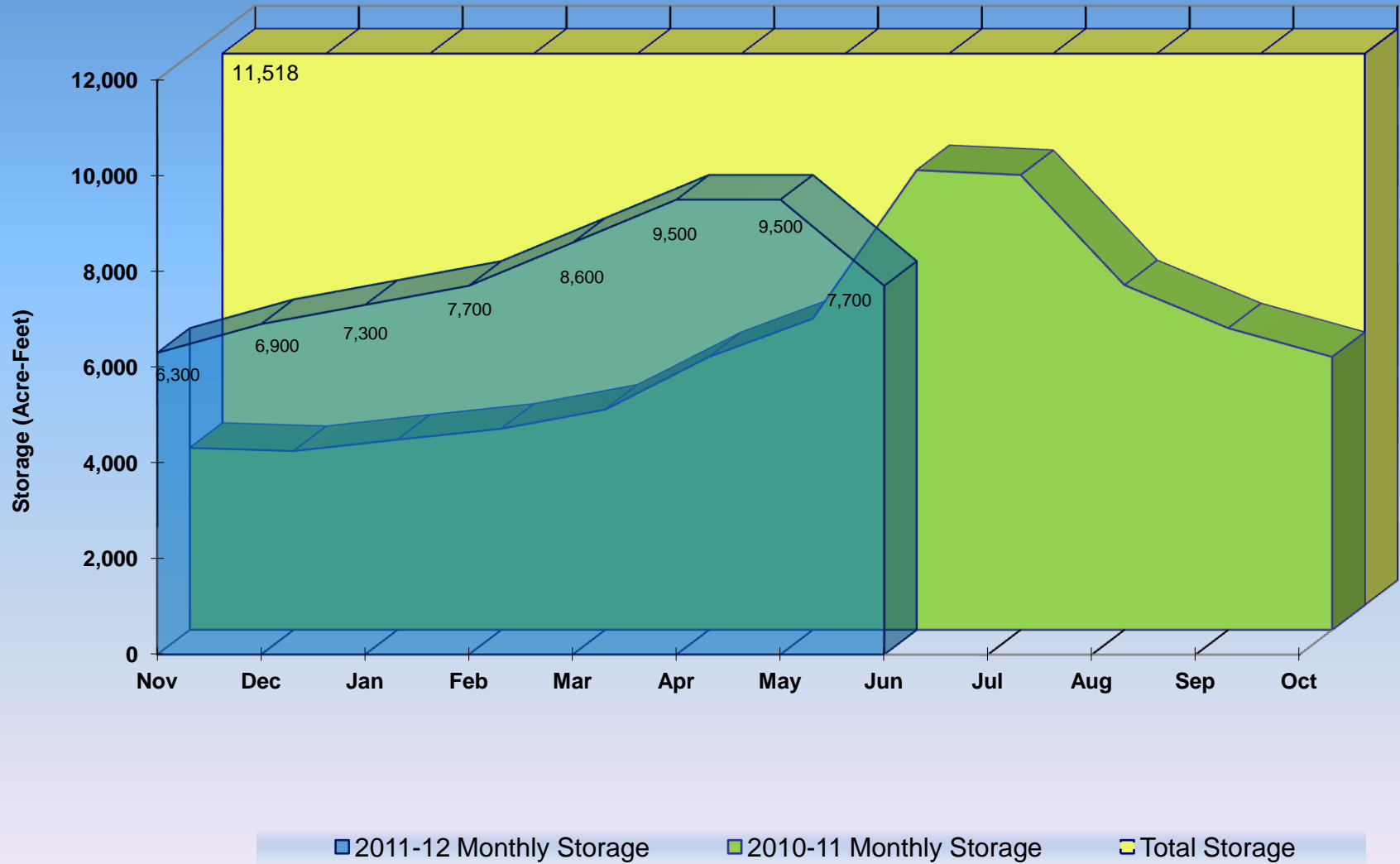
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Halligan Reservoir (District 3, Poudre River - Agricultural)

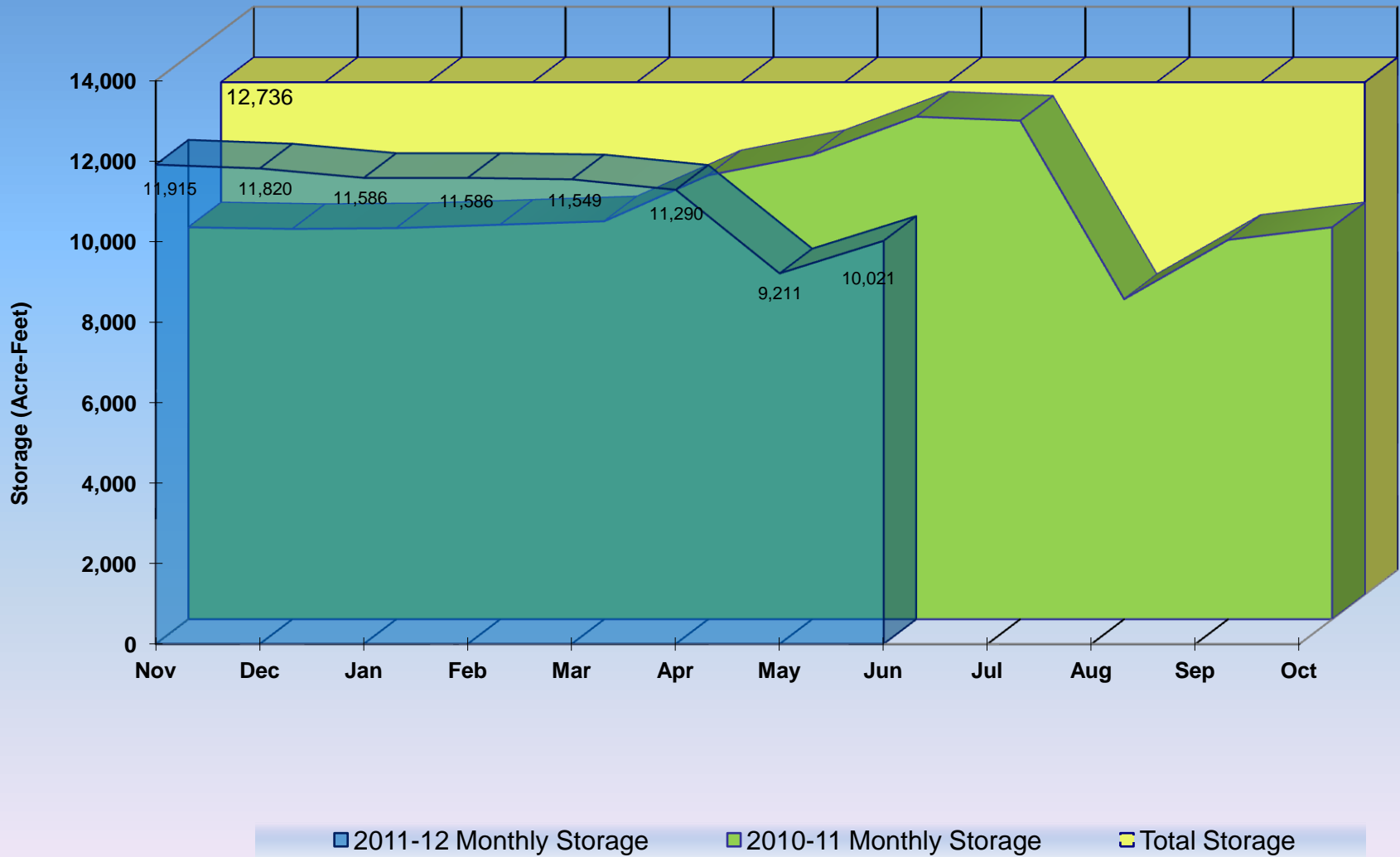


■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

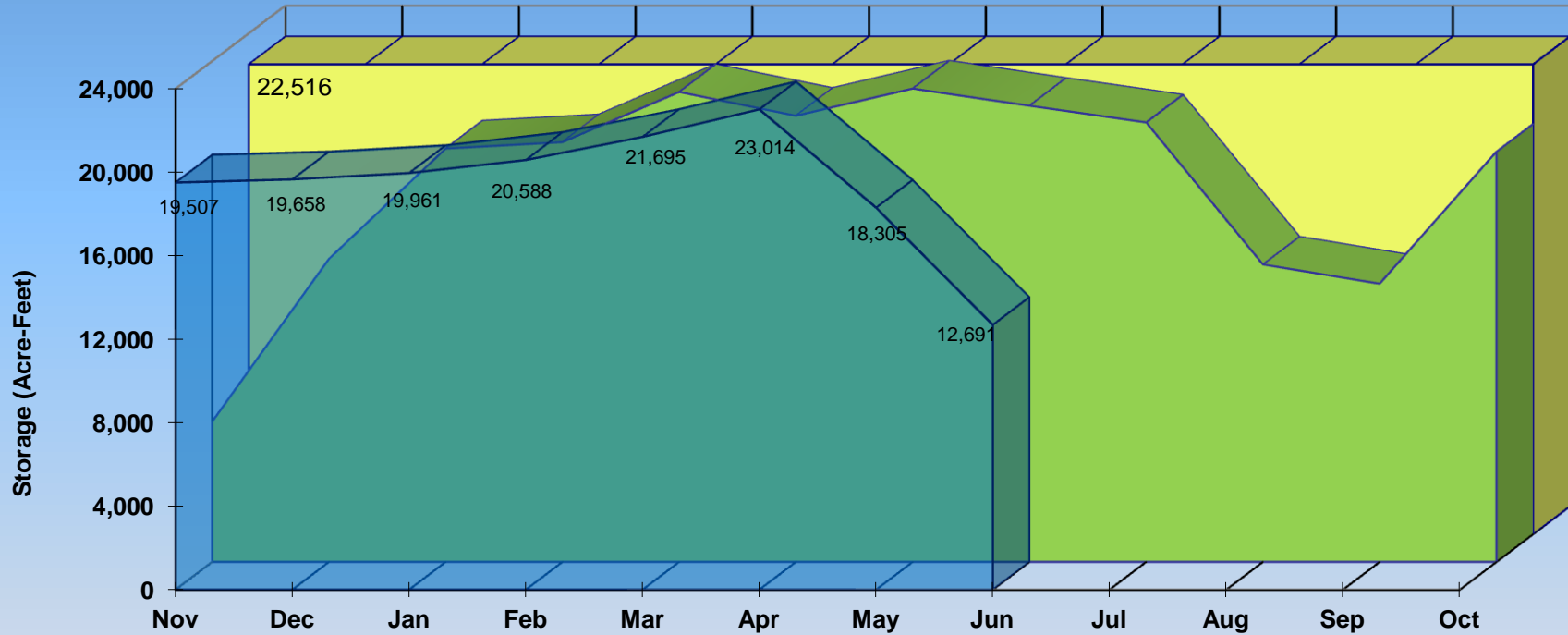
Marshall Lake (District 6, Boulder Creek - Agricultural)



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

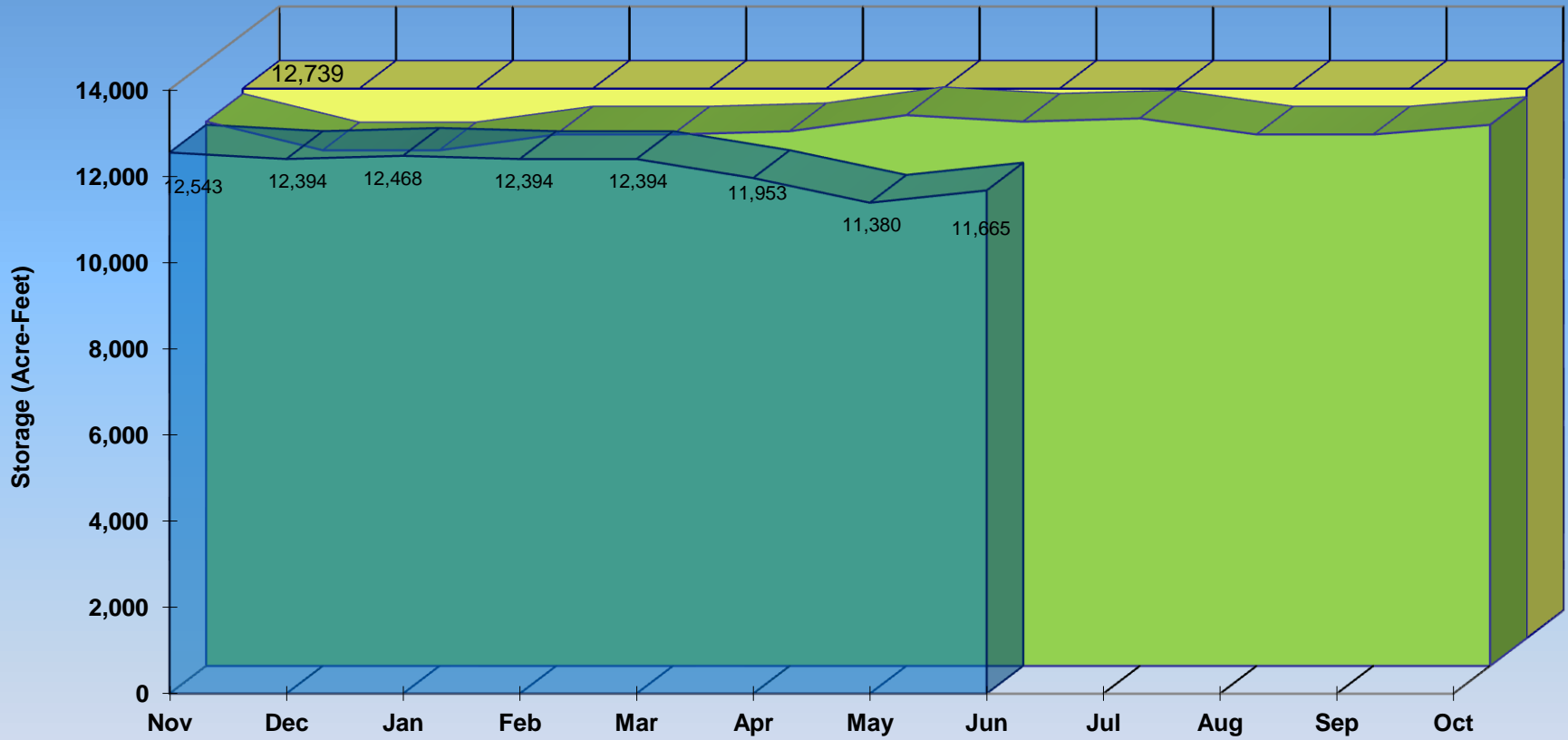


Milton Reservoir (District 2 - Agricultural)



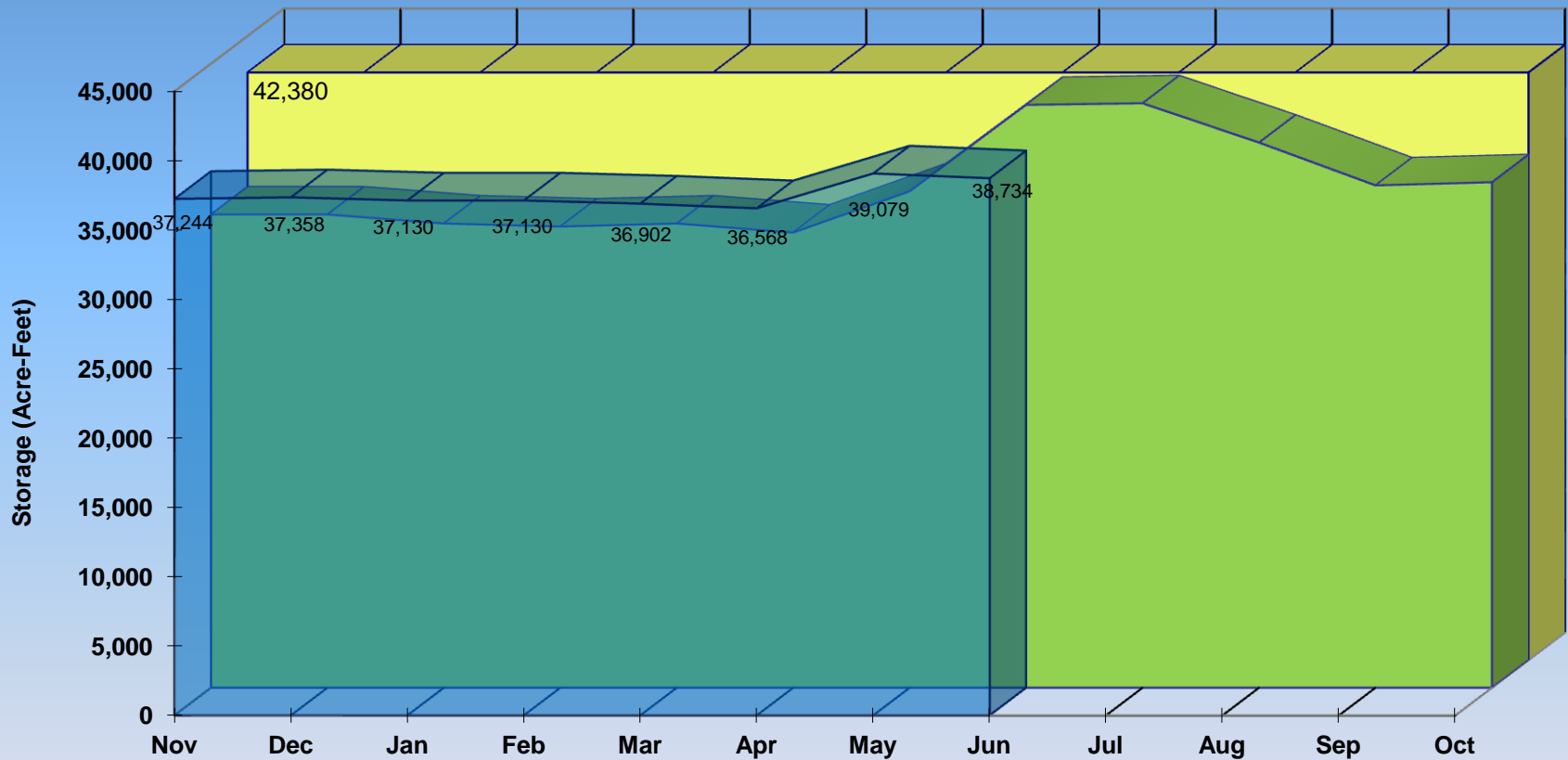
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

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



■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Standley Lake (Agricultural)

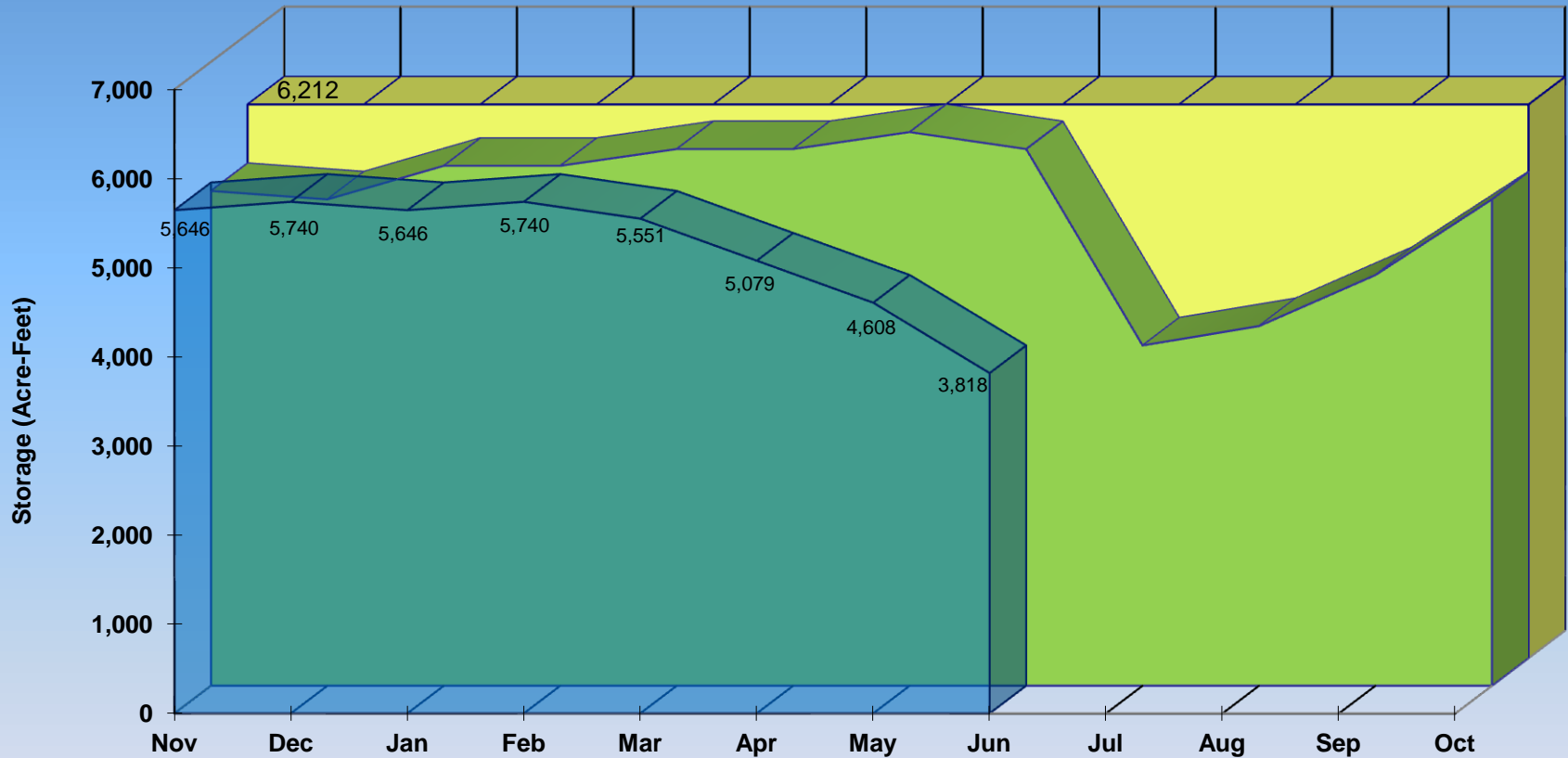


■ 2011-12 Monthly Storage

■ 2010-11 Monthly Storage

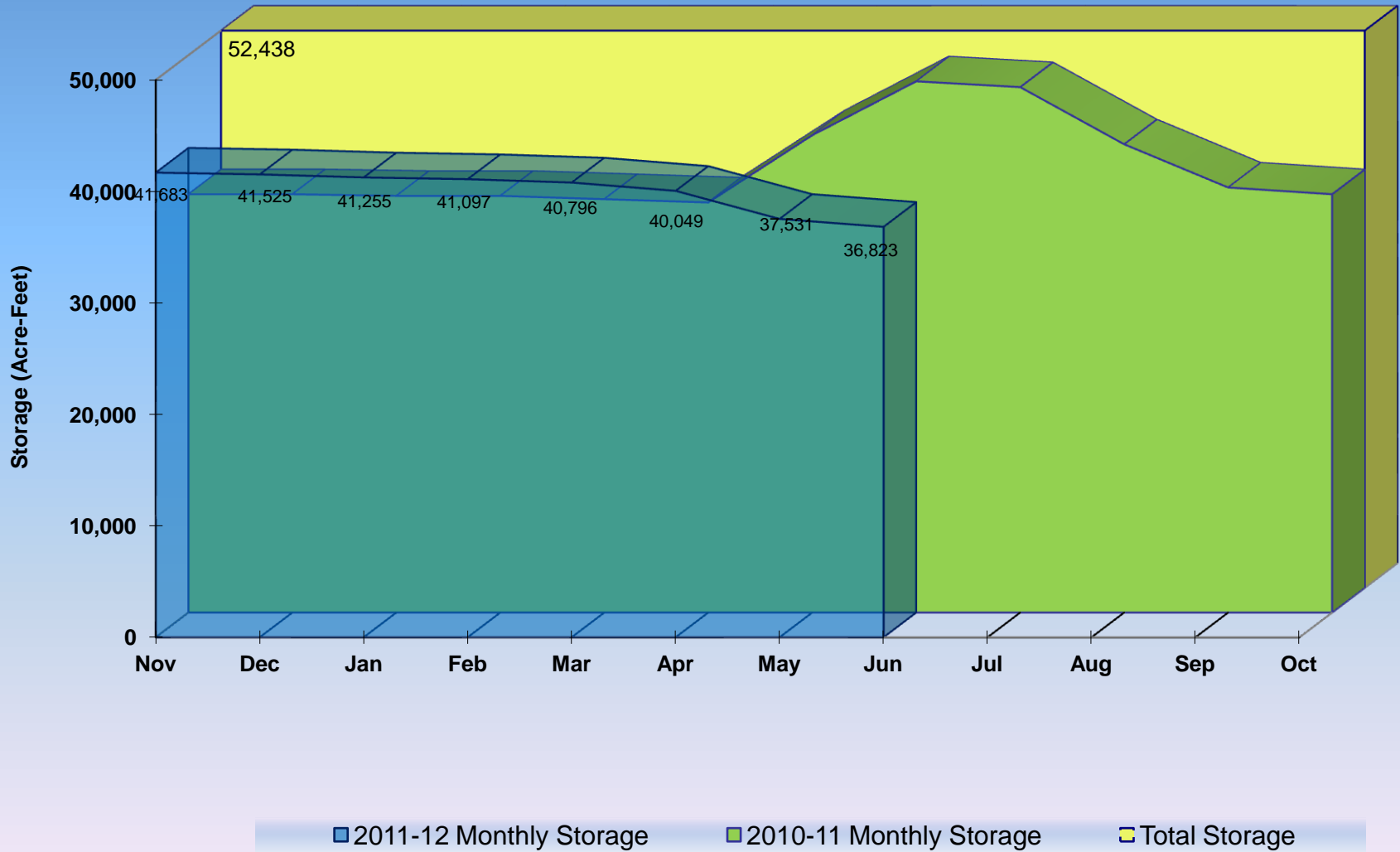
■ Total Storage

Lower Latham Reservoir (District 2 - Agricultural)

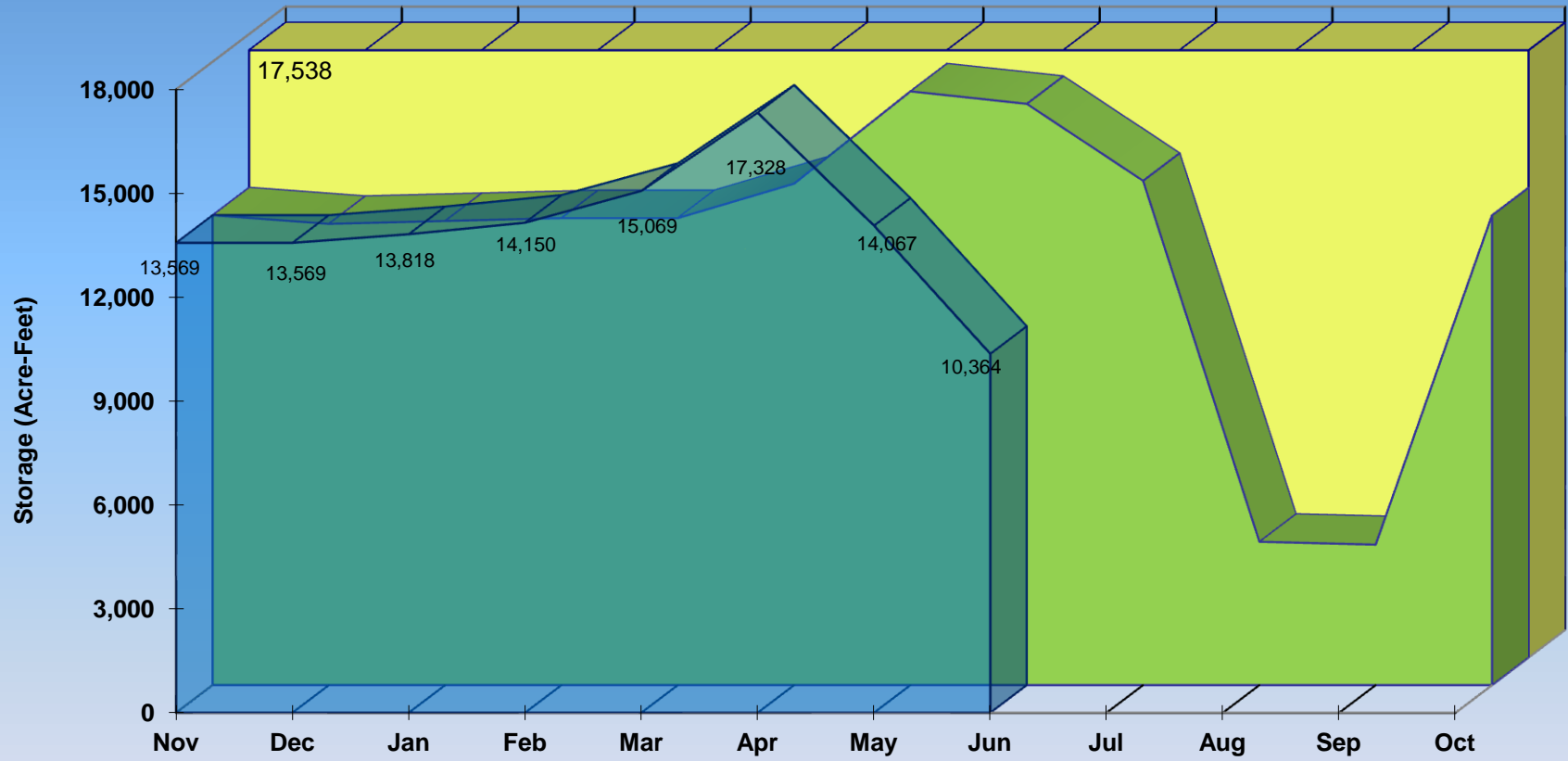


■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

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

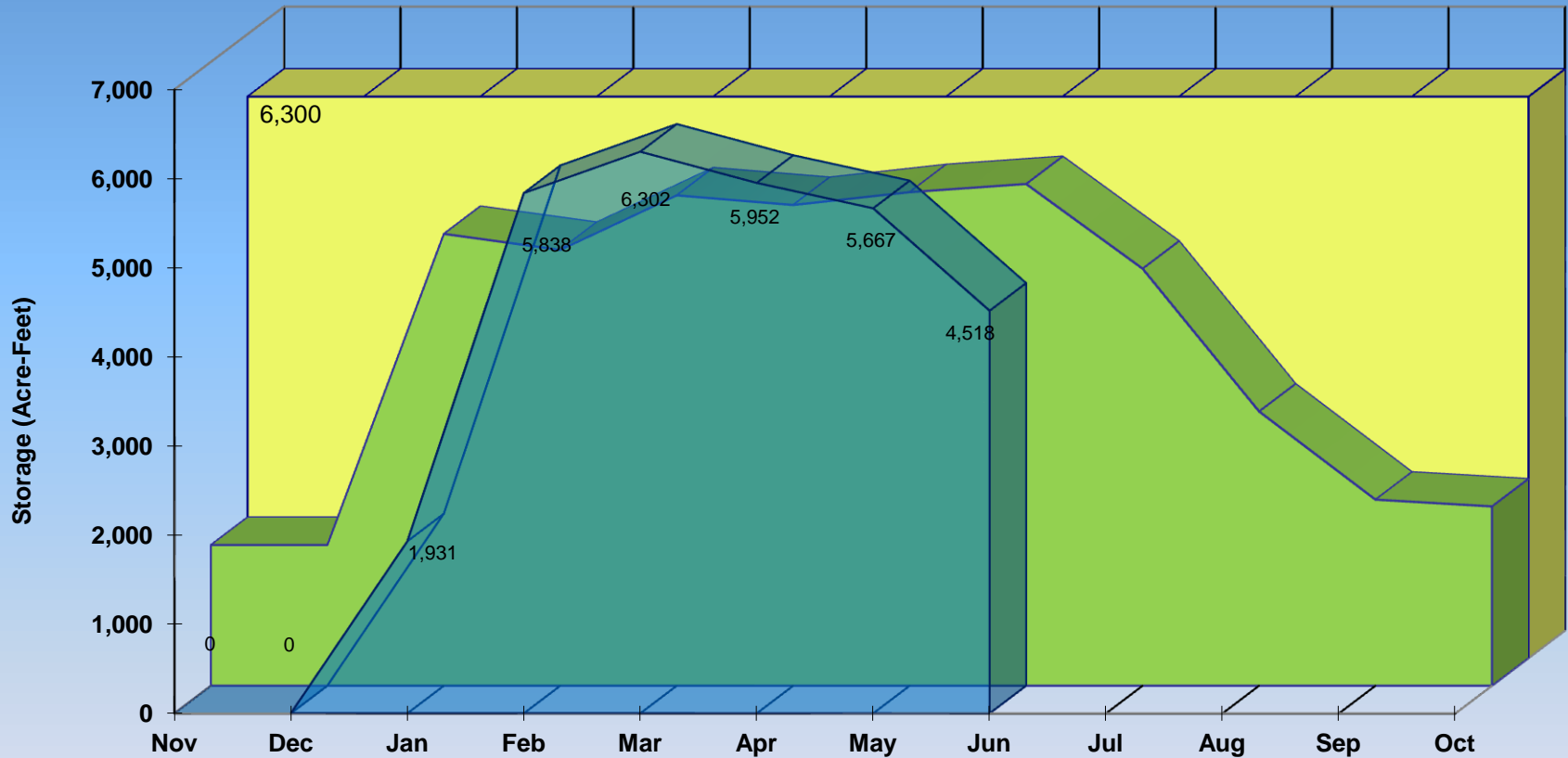


Windsor Reservoir (District 3, Poudre River - Agricultural)



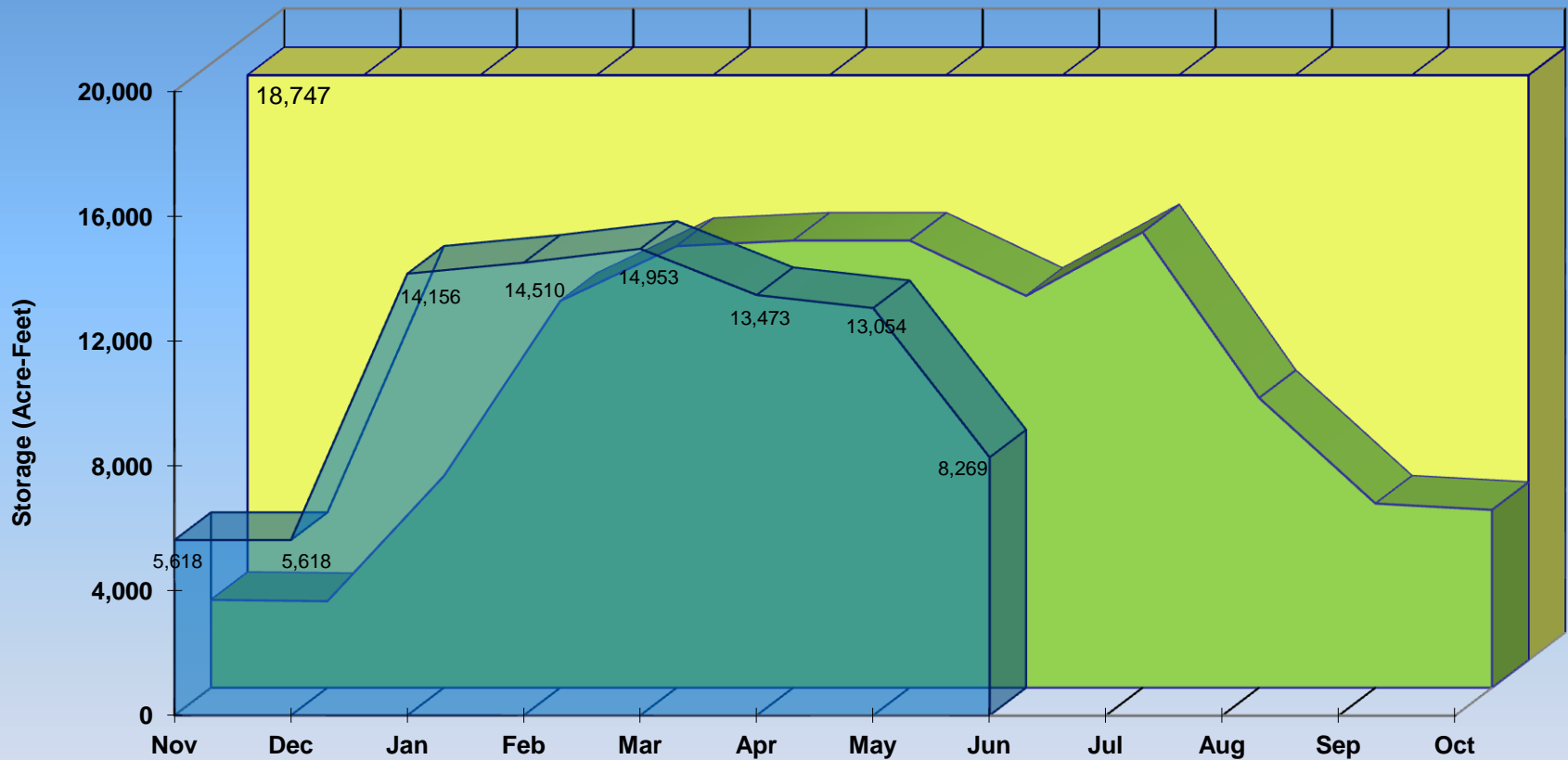
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Prospect Reservoir (District 1- Agricultural)



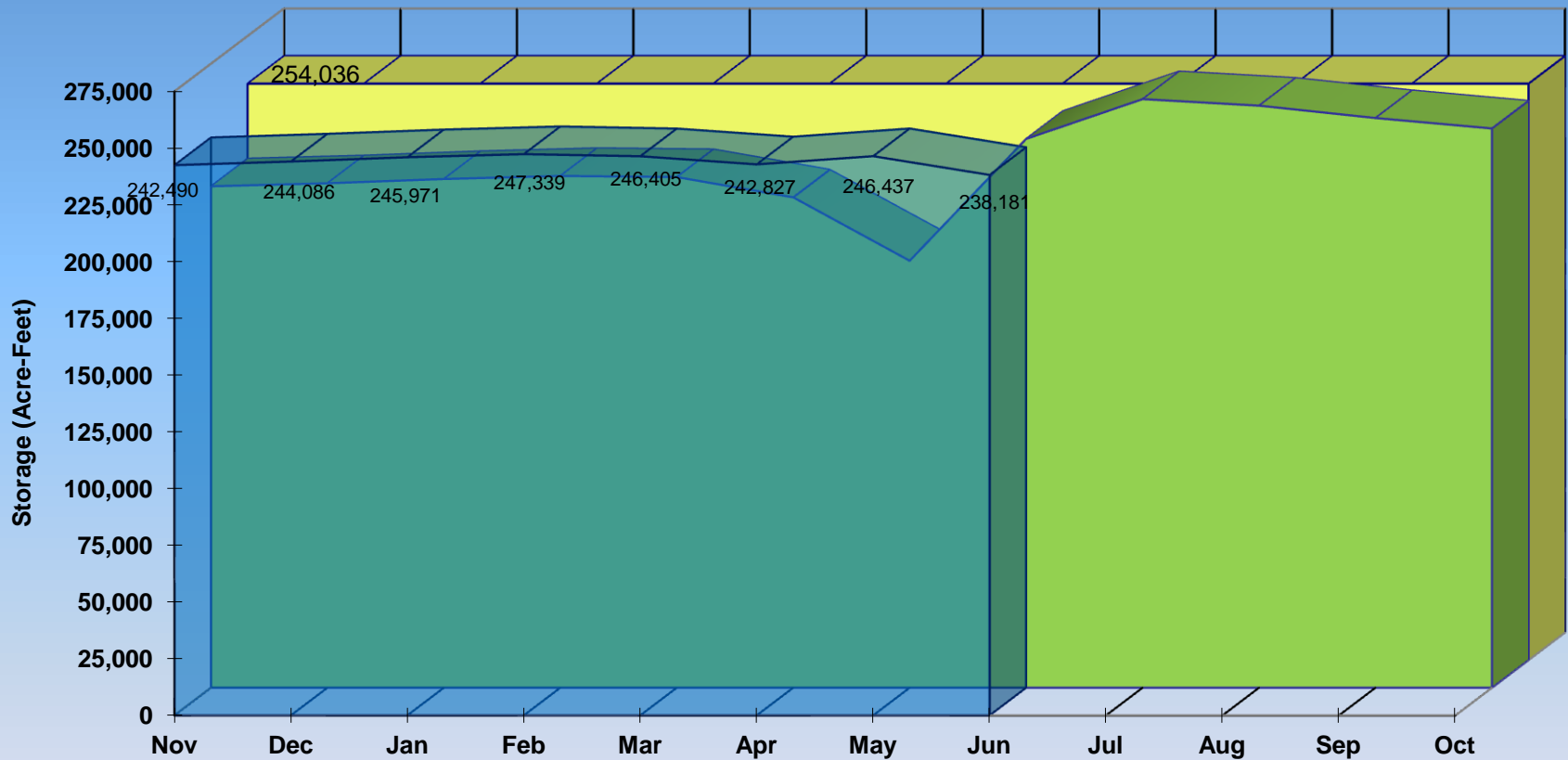
■ 2011-12 Monthly Storage
 ■ 2009-10 Monthly Storage
 ■ Total Storage

Horse Creek Reservoir (District 1 - Agricultural)



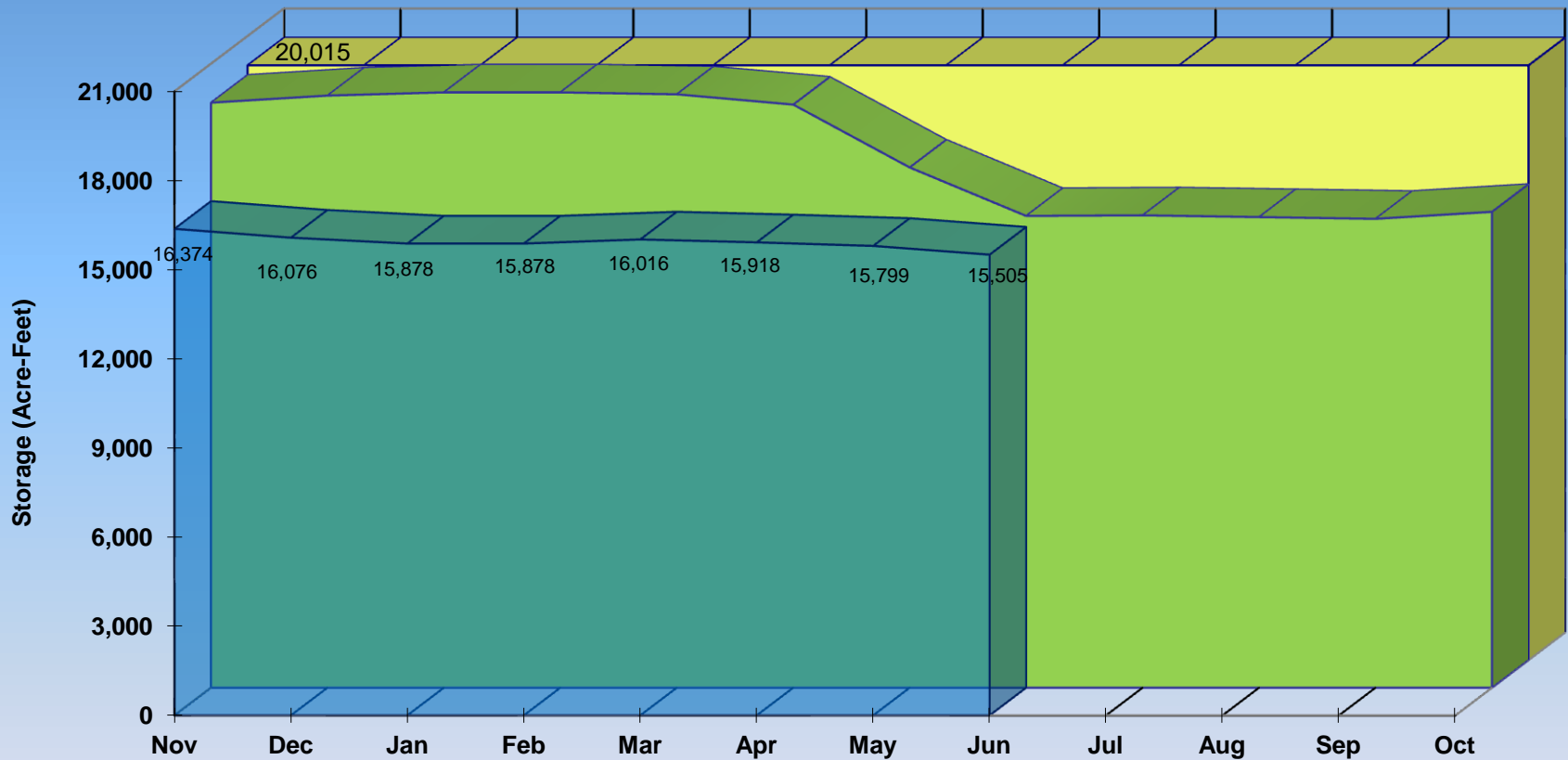
■ 2011-12 Monthly Storage ■ 2010-11 Monthly Storage ■ Total Storage

Dillon Reservoir (Municipal)



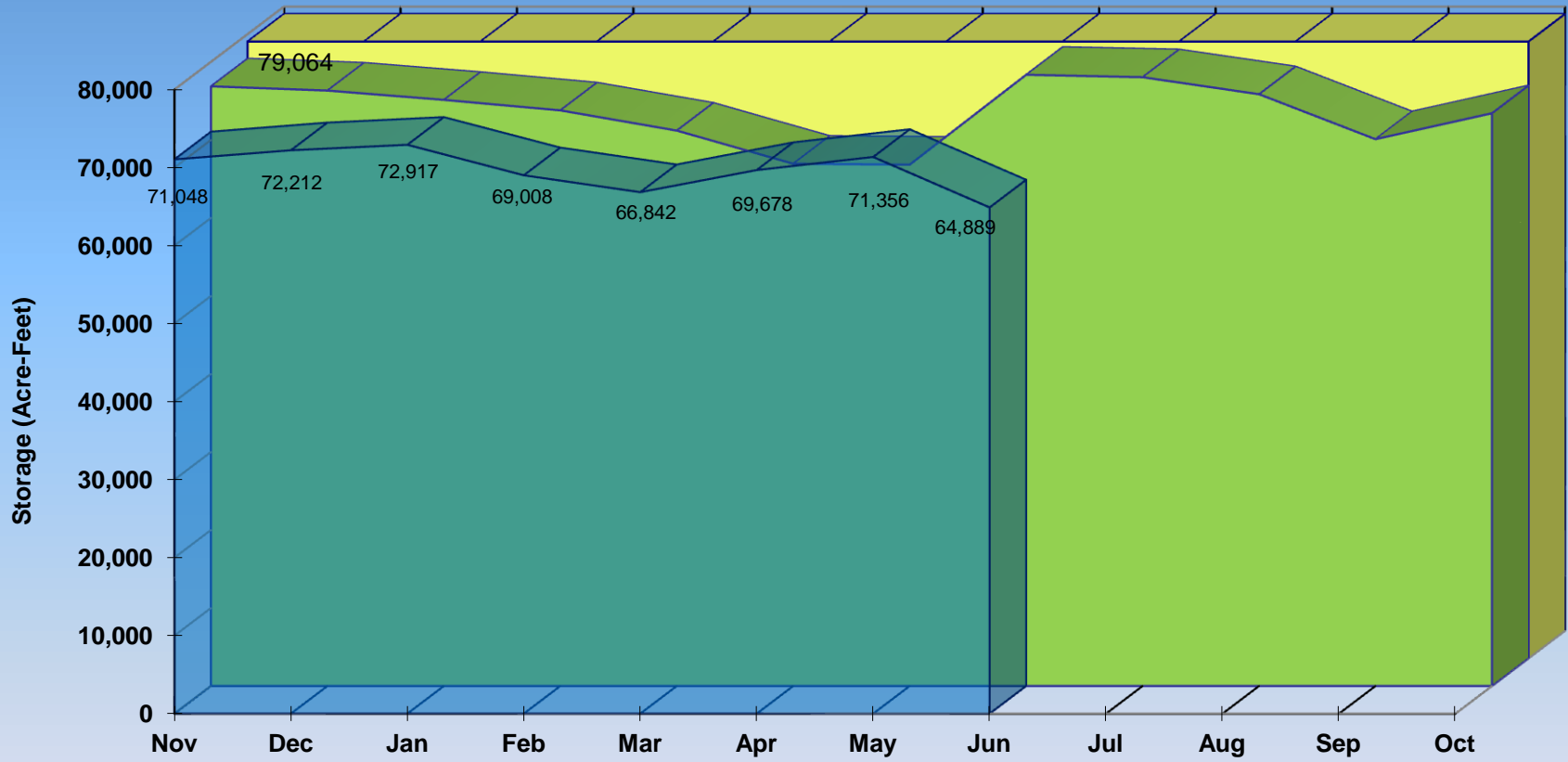
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Antero Reservoir (District 23 - Municipal)



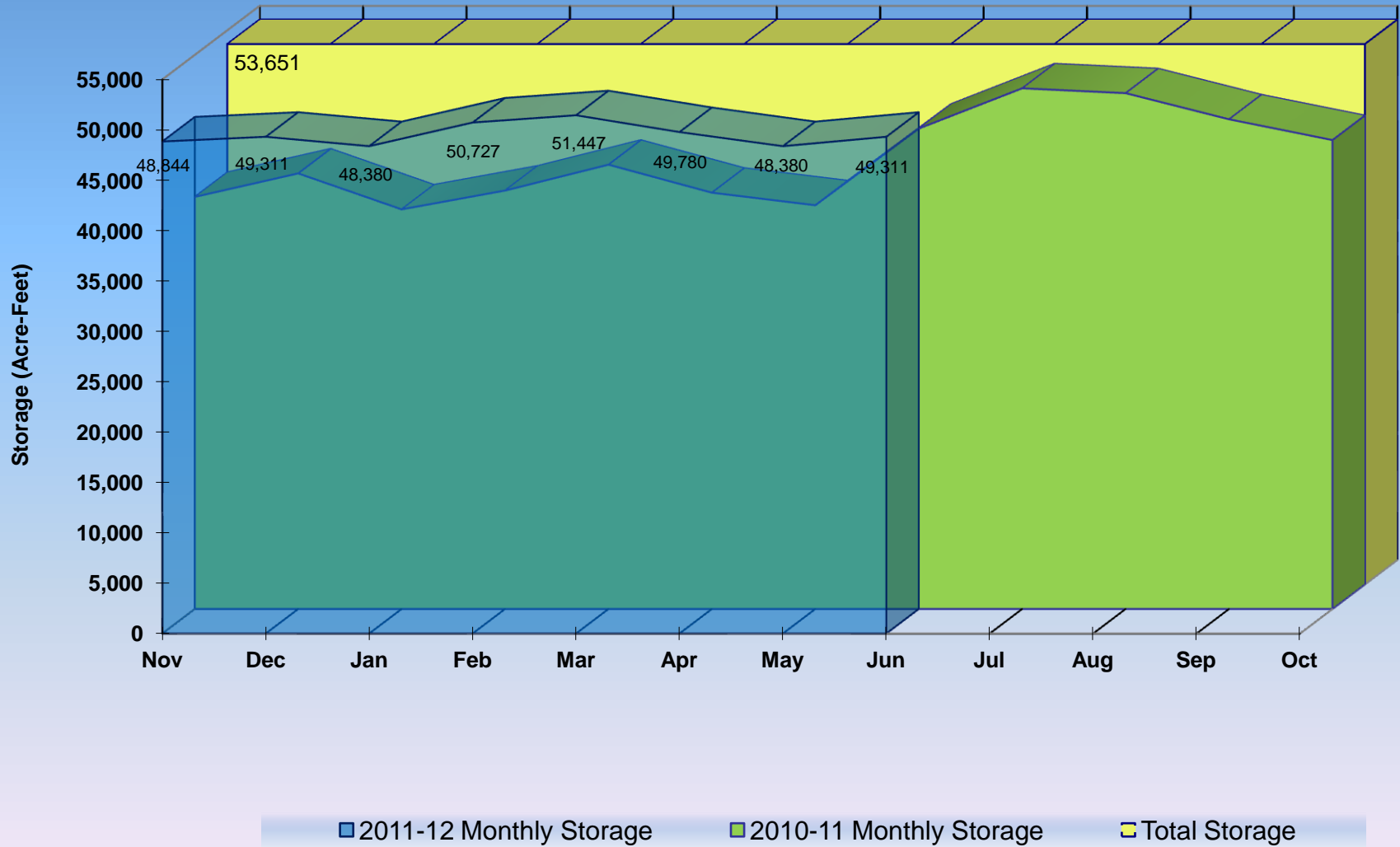
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Cheesman Reservoir (District 80 - Municipal)

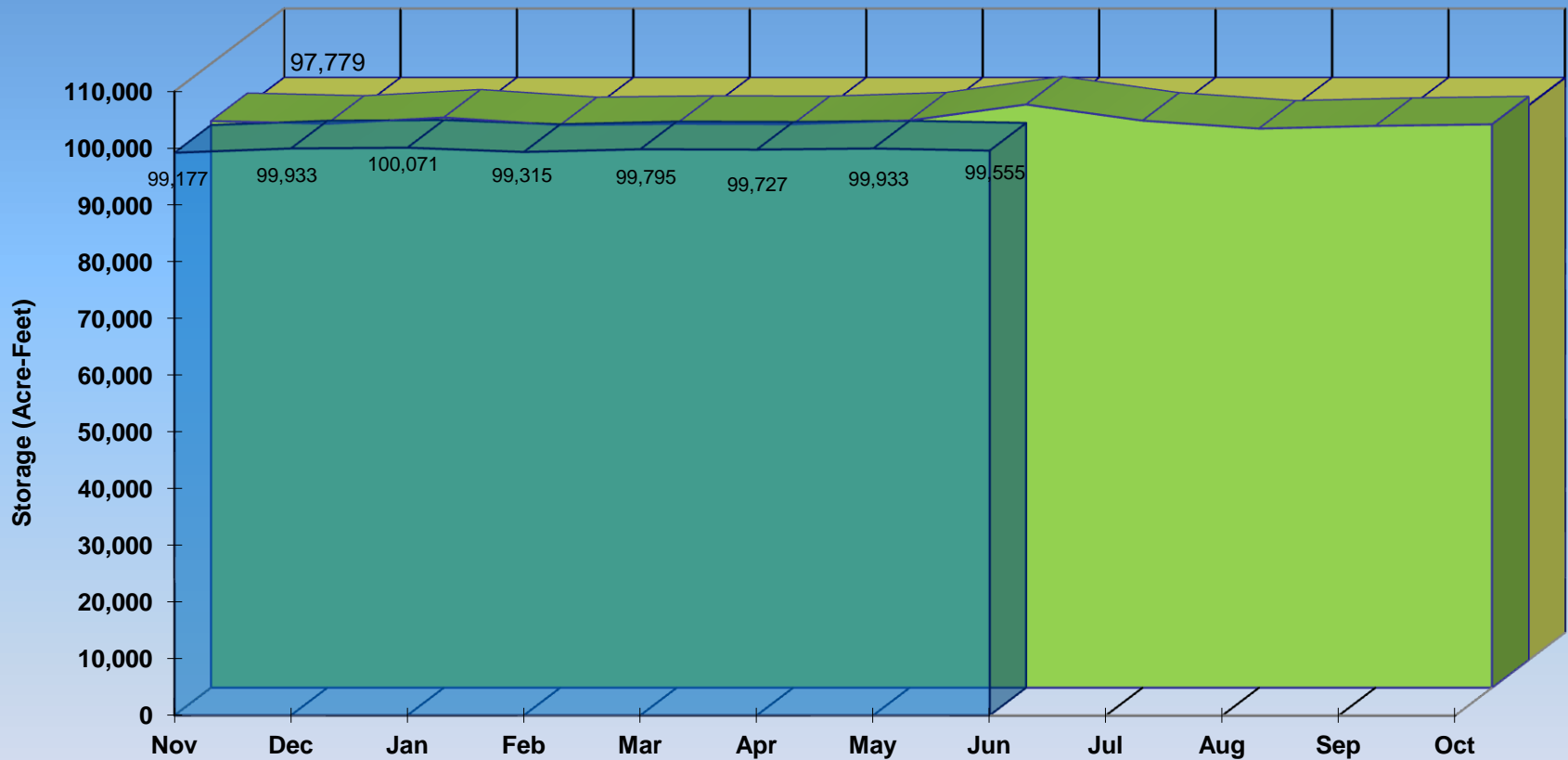


■ 2011-12 Monthly Storage ■ 2010-11 Monthly Storage ■ Total Storage

Spinney Mountain Reservoir (District 23 - Municipal)

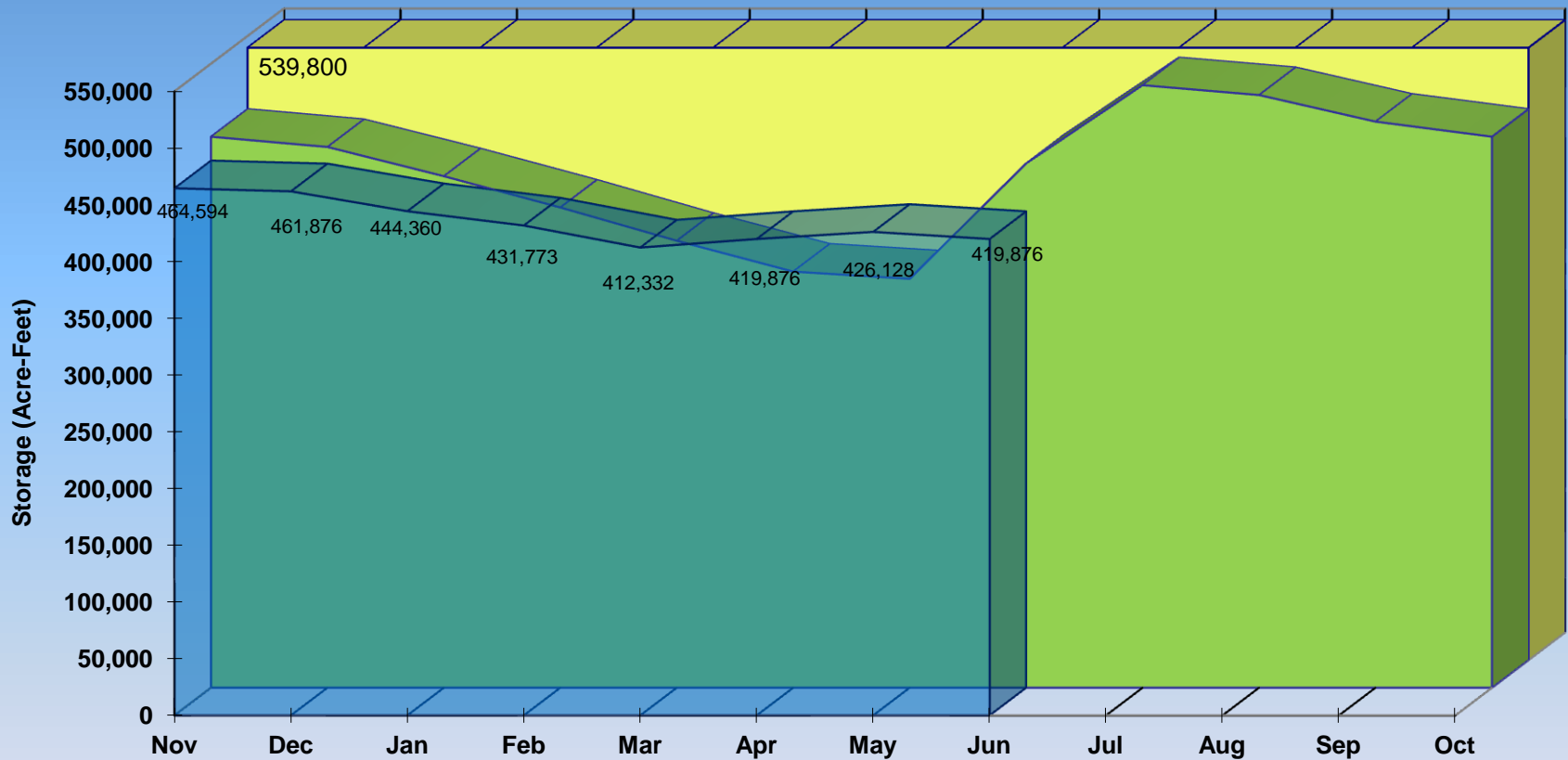


Eleven Mile Reservoir (District 23 - Municipal)



■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

Lake Granby



■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage



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