

South Platte Summary

March 2012

Sand Creek at
CO-WY State Line



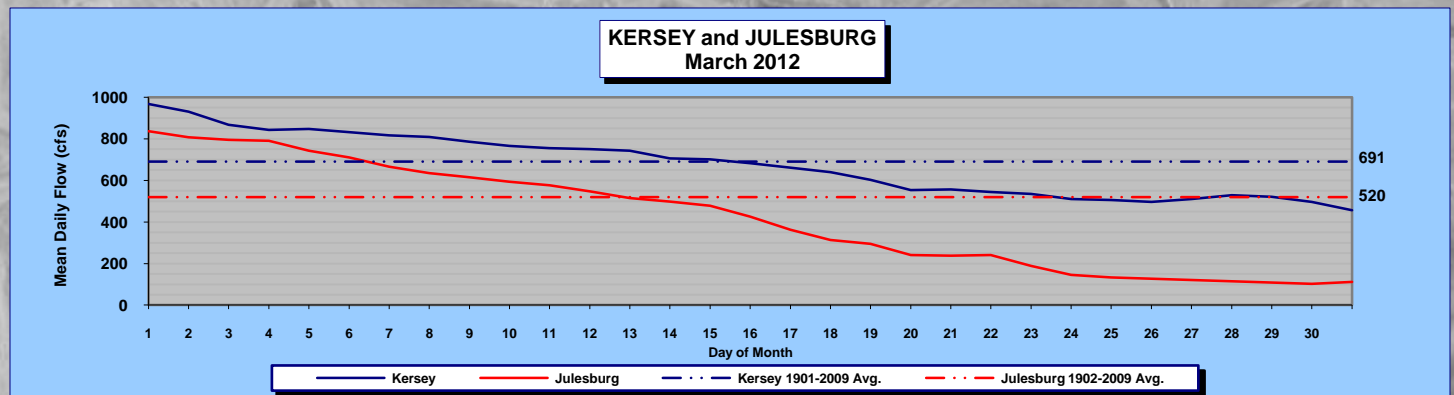
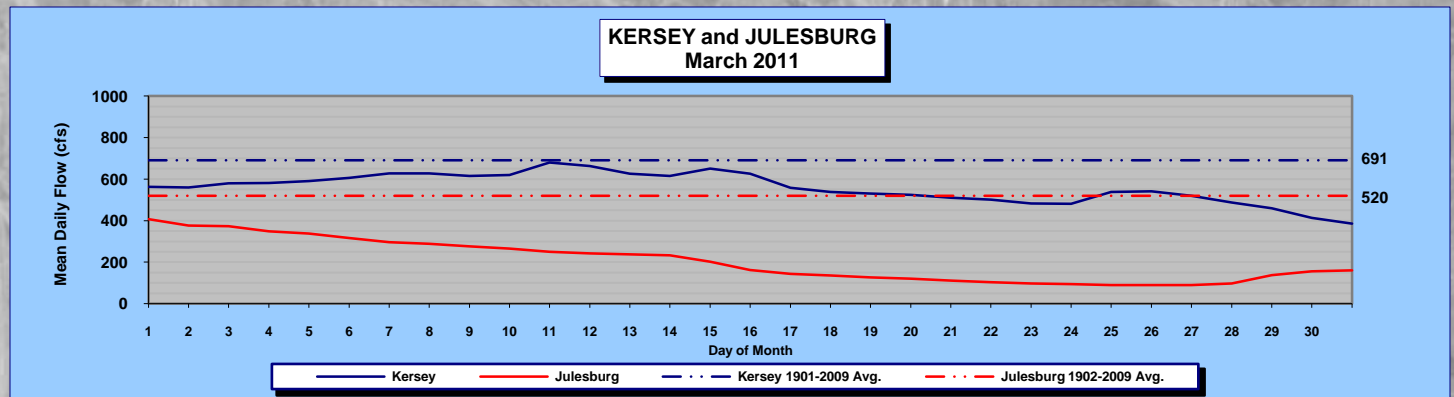
Compiled by Lee Cunning, P.E.

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

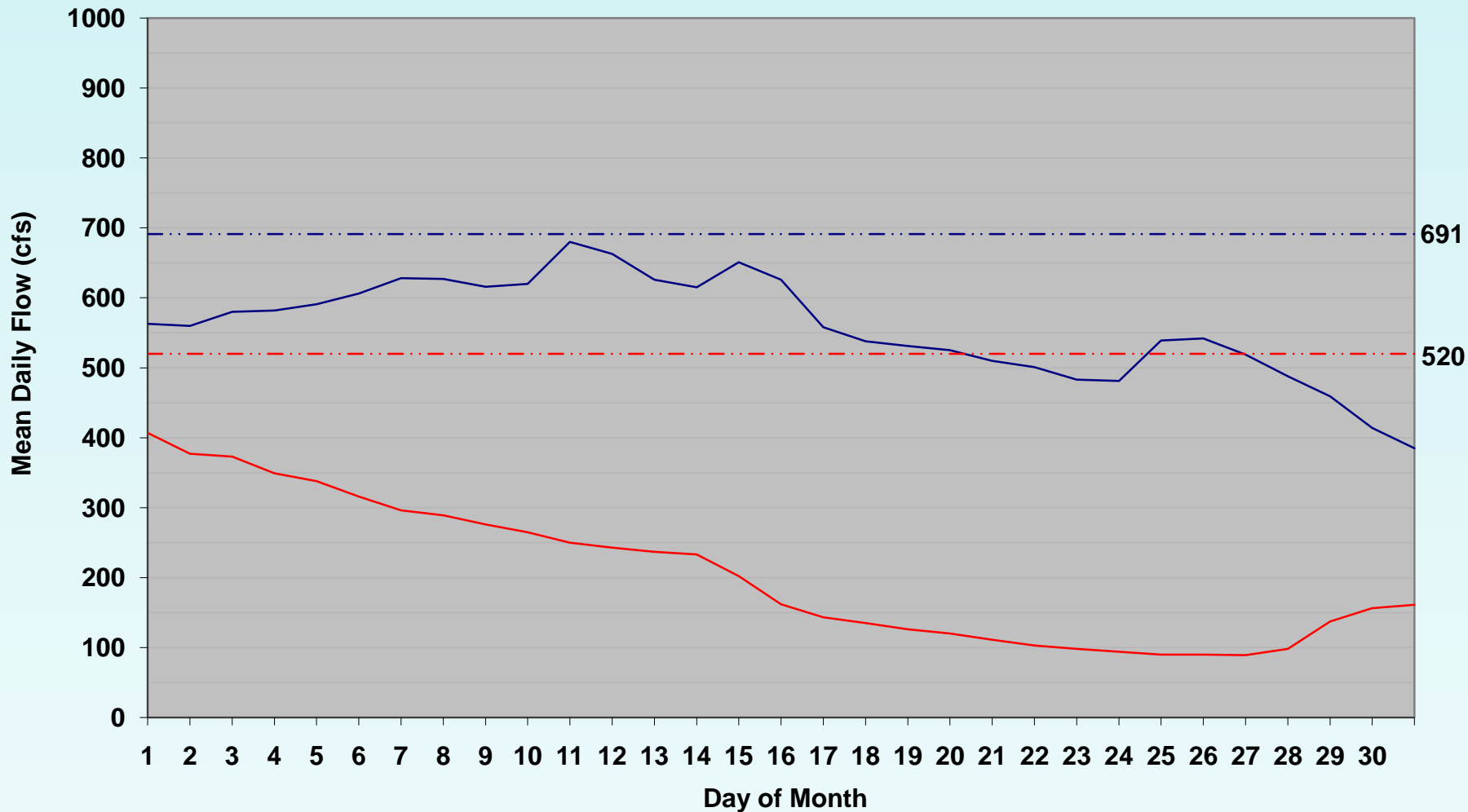
MONTH OF MARCH 2012

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	19,448	22,666	64	3,218	17%	100%	100%	0
N STERLING	73,730	69,197	73,439	64	4,242	6%	100%	100%	0
PREWITT	28,500	26,315	28,481	64	2,166	8%	100%	100%	0
JACKSON	27,257	25,902	27,257	1	1,355	5%	100%	98%	0
EMPIRE	37,700	37,237	37,598	1	361	1%	100%	100%	0
RIVERSIDE	63,113	54,577	63,113	1	8,536	16%	100%	100%	0
BARR LAKE	32,152	28,384	28,570	2	186	1%	89%	91%	0
CHEESMAN	79,064	69,008	66,842	80	-2,166	-3%	85%	90%	0
ELEVEN MILE	97,779	99,315	99,795	23	480	0%	100%	100%	2,016
SPINNEY	53,651	50,727	51,447	23	720	1%	96%	82%	0
ANTERO	20,015	15,878	16,016	23	138	1%	80%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	675
JULESBURG	422
THIS MONTH LAST YEAR	
KERSEY	558
JULESBURG	205
MEAN FOR PERIOD OF RECORD*	
KERSEY	691
JULESBURG	520
* 1901-2010	
1902-2010	

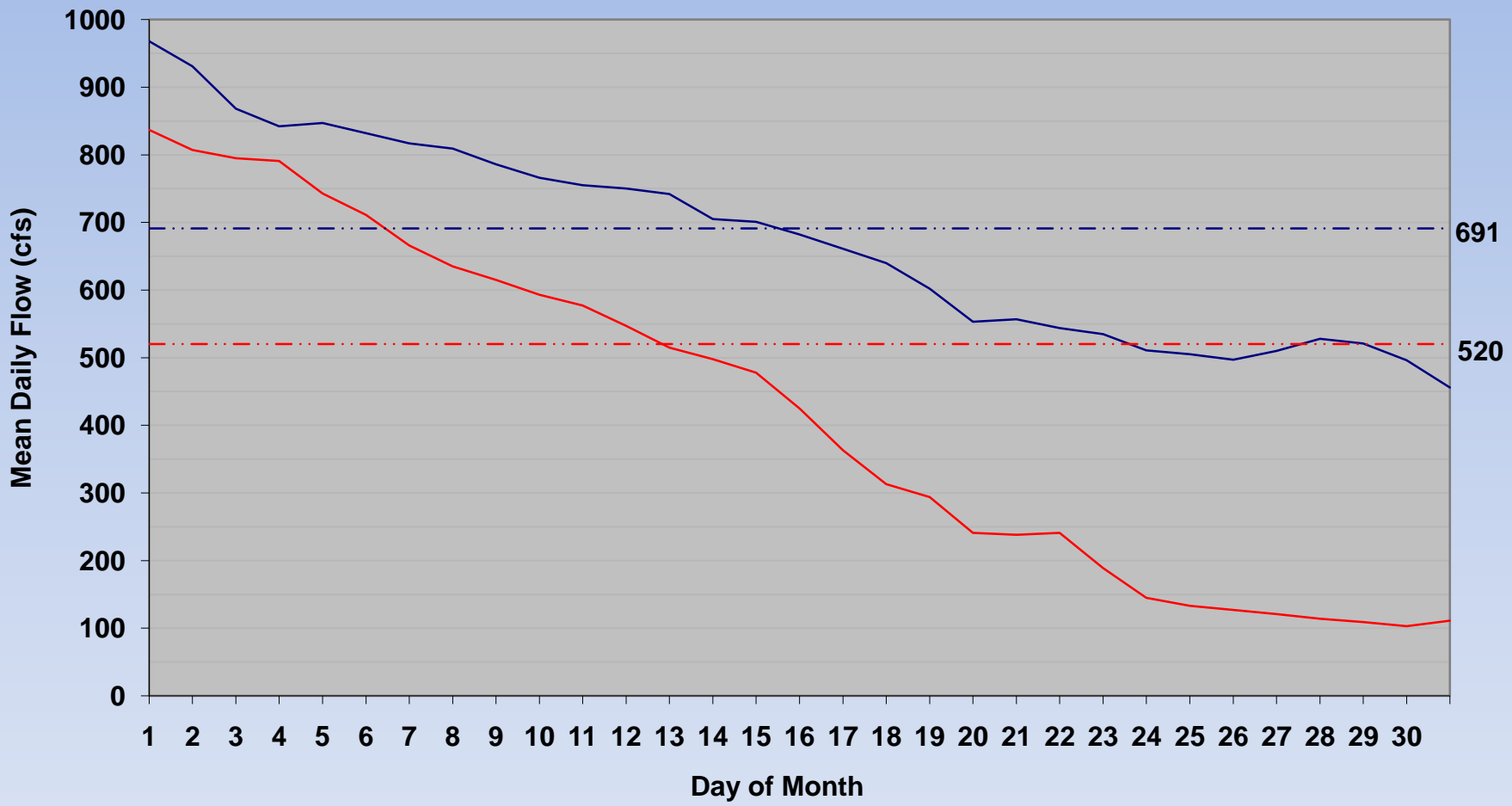


KERSEY and JULESBURG March 2011



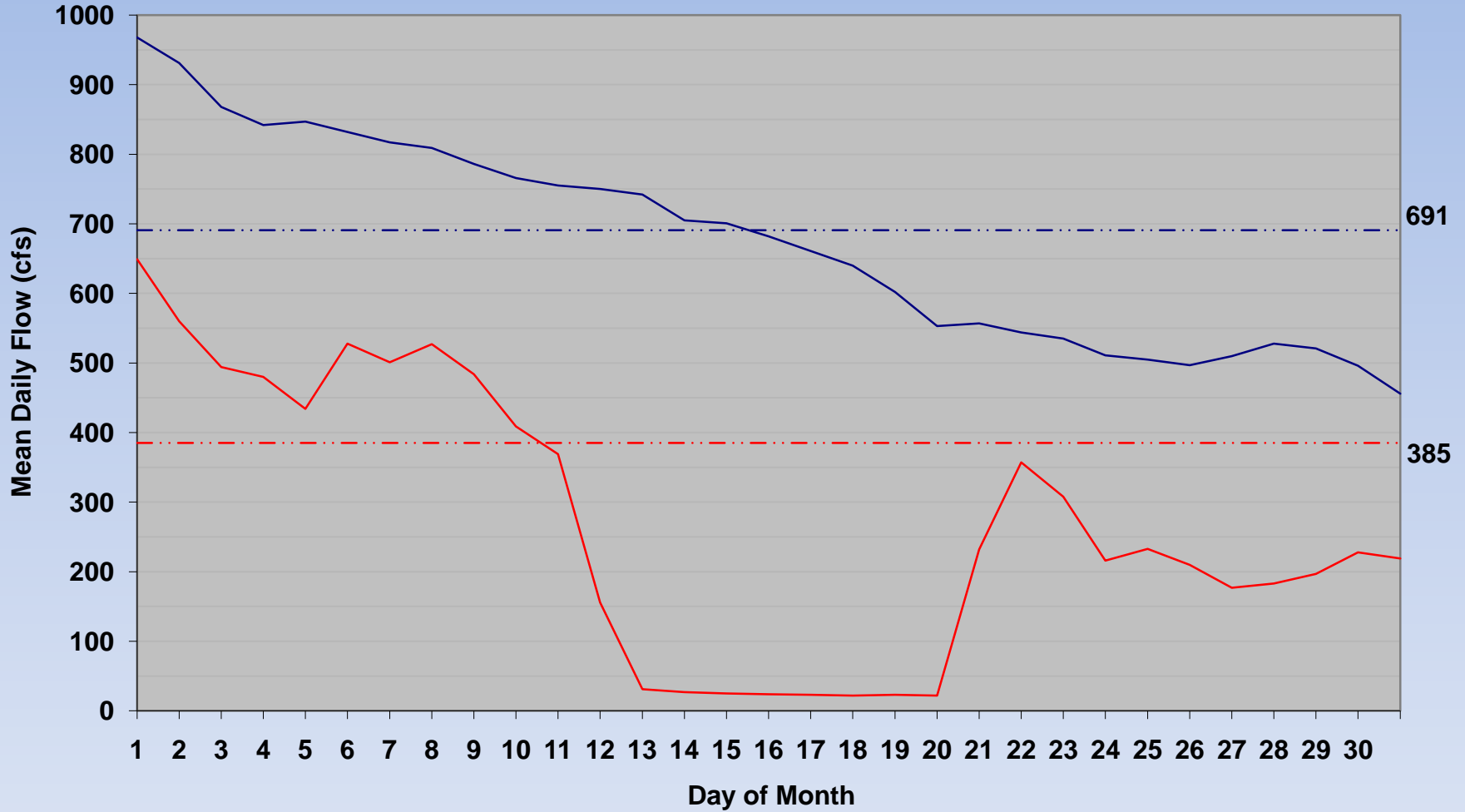
— Kersey — Julesburg - · - Kersey 1901-2009 Avg. - · - Julesburg 1902-2009 Avg.

KERSEY and JULESBURG March 2012



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

KERSEY and BALZAC March 2012



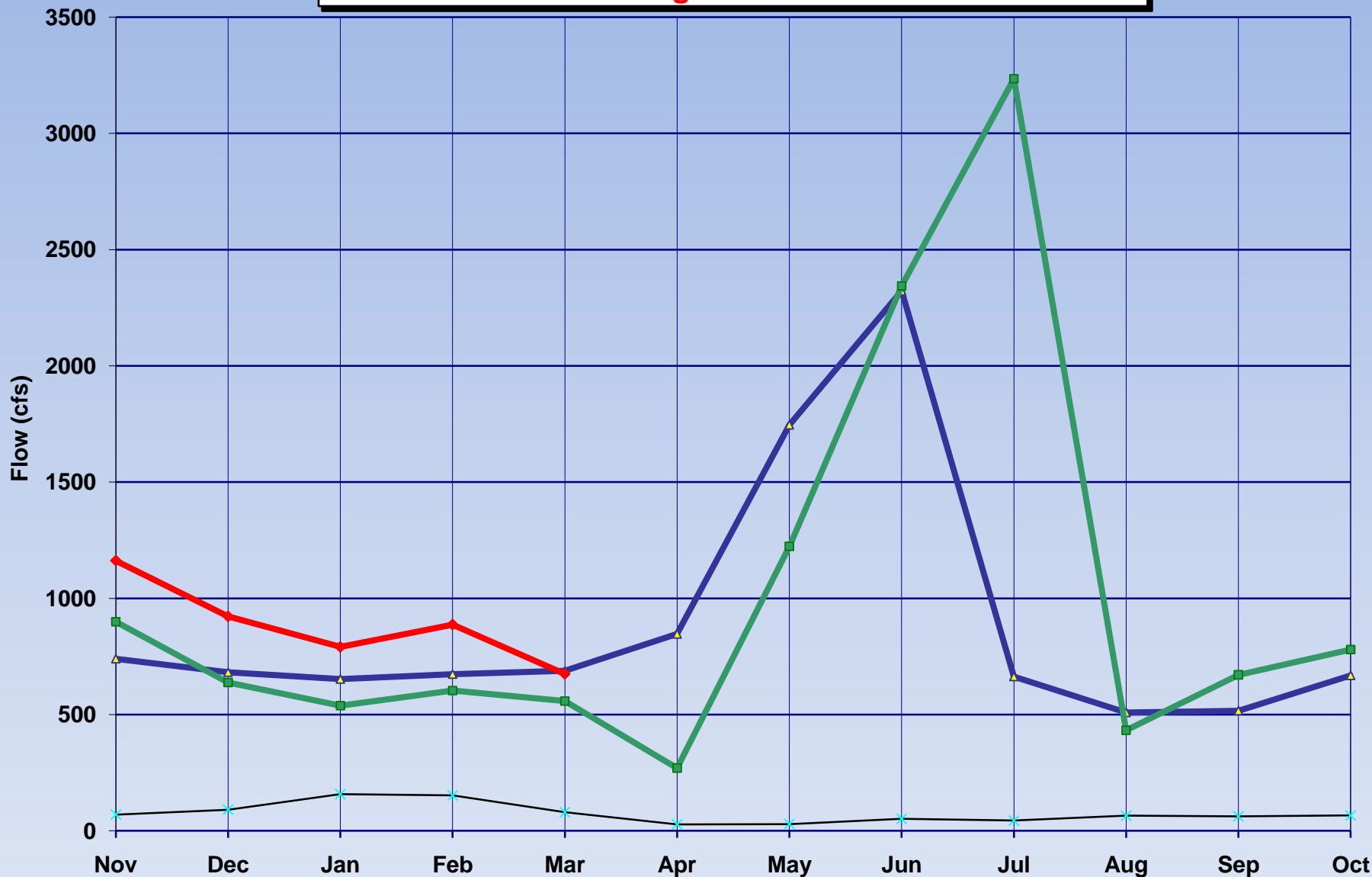
— Kersey — Balzac - · - · Kersey 1901-2009 Avg. - · - · Balzac 1917-2009 Avg.

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 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		Apr	523	14400	1942	4.0	1904	
May	1746	26100	1973	29	1955		May	1003	18100	1973	12	1911	
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	668	6180	1984	66	1954		Oct	301	3130	1984	4.2	1903	
*Period of record 1902-2010							*Period of record 1902-2010						

South Platte River at Kersey

Irrigation Year

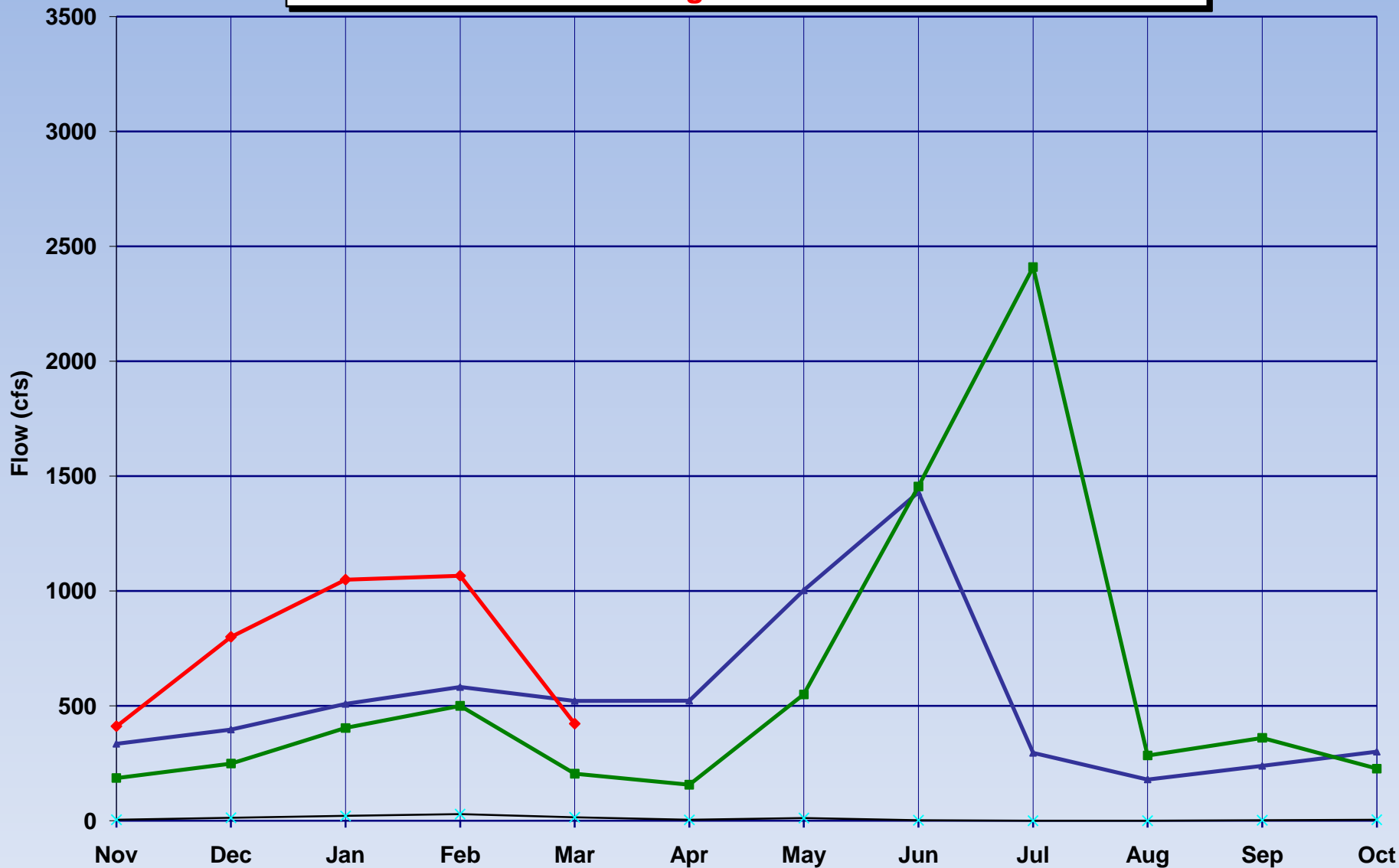


Historic* Mean Flow Historic* Min Flow 2011-2012 Mean Flow 2010-2011 Mean Flow

*1901-2010

South Platte River at Julesburg

Irrigation Year



—▲— Historic* Mean Flow —*— Historic* Min Flow —◆— 2011-2012 Mean Flow —■— 2010-2011 Mean Flow

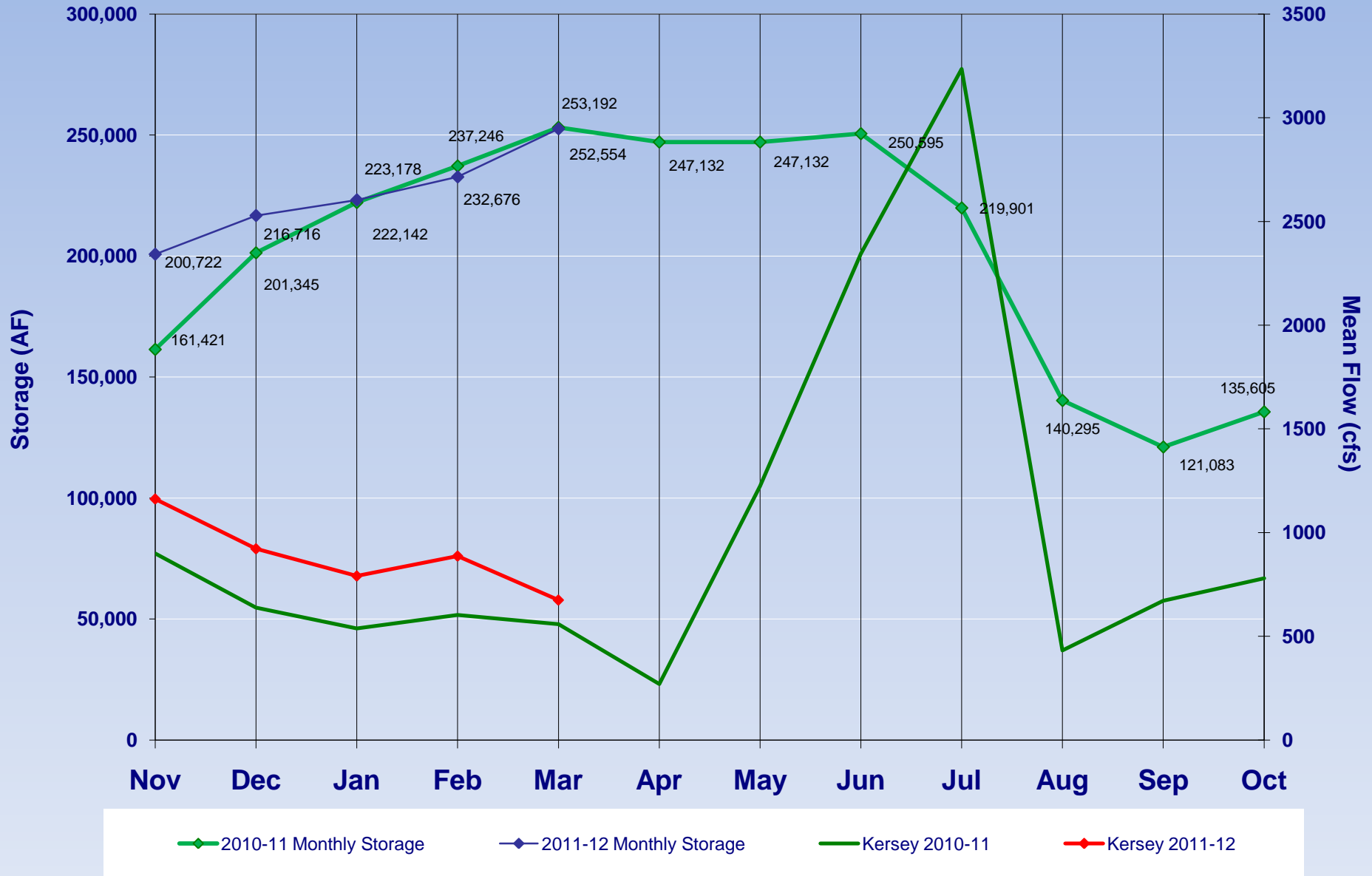
*1902-2010

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



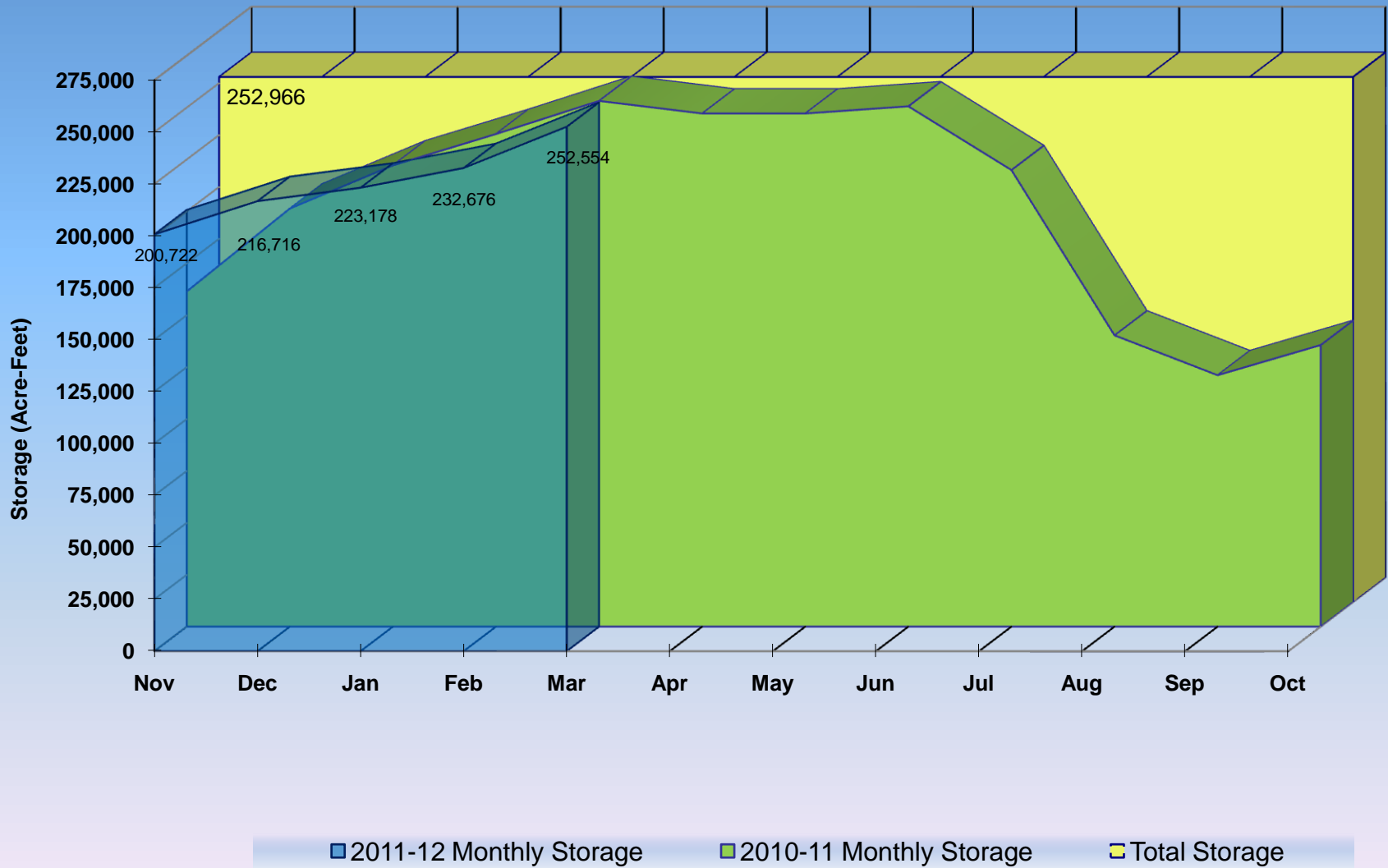
Reservoir Storage below Kersey

Selected Reservoirs*



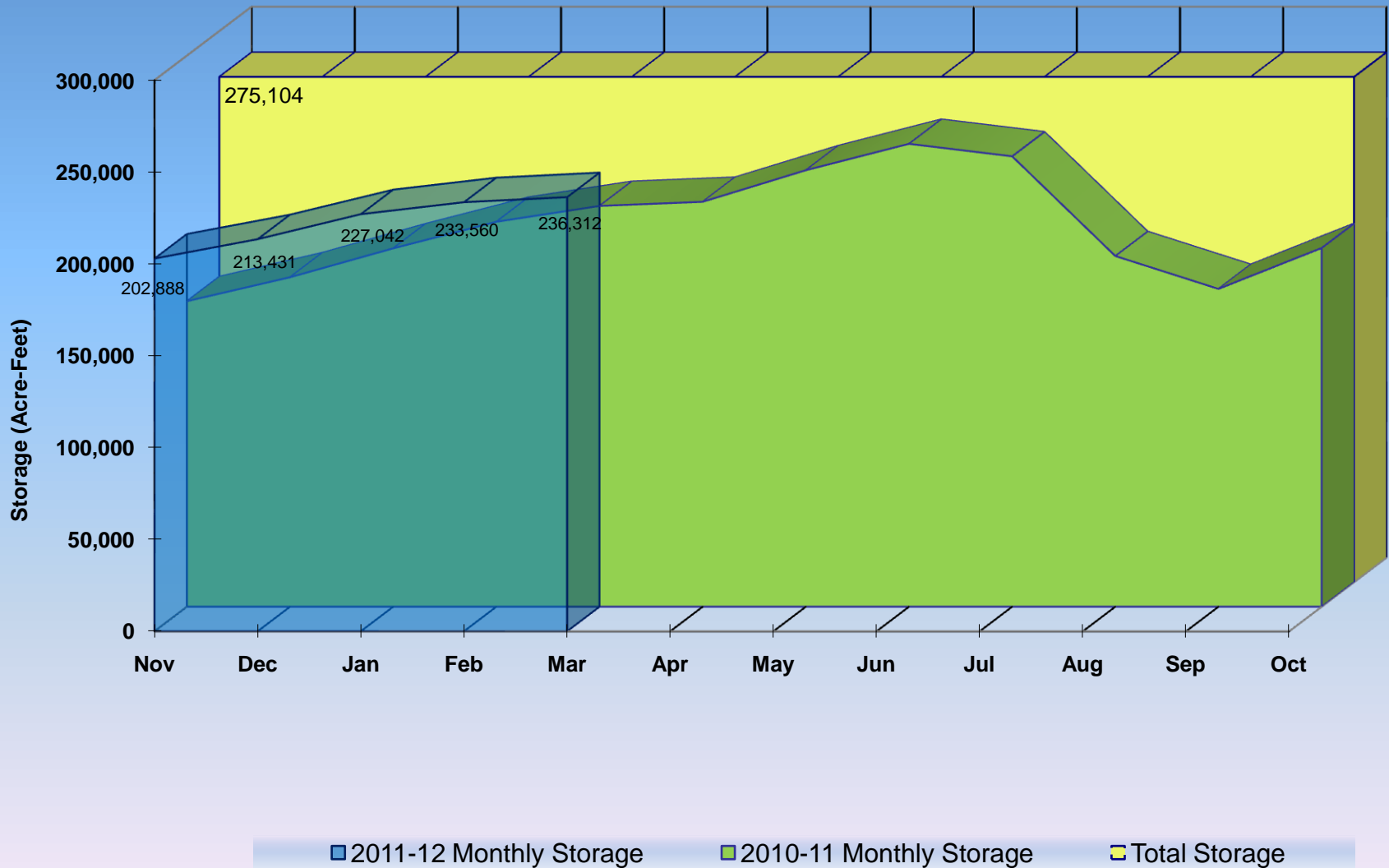
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

South Platte Reservoir Storage below Kersey*



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

South Platte Reservoir Storage above Kersey*

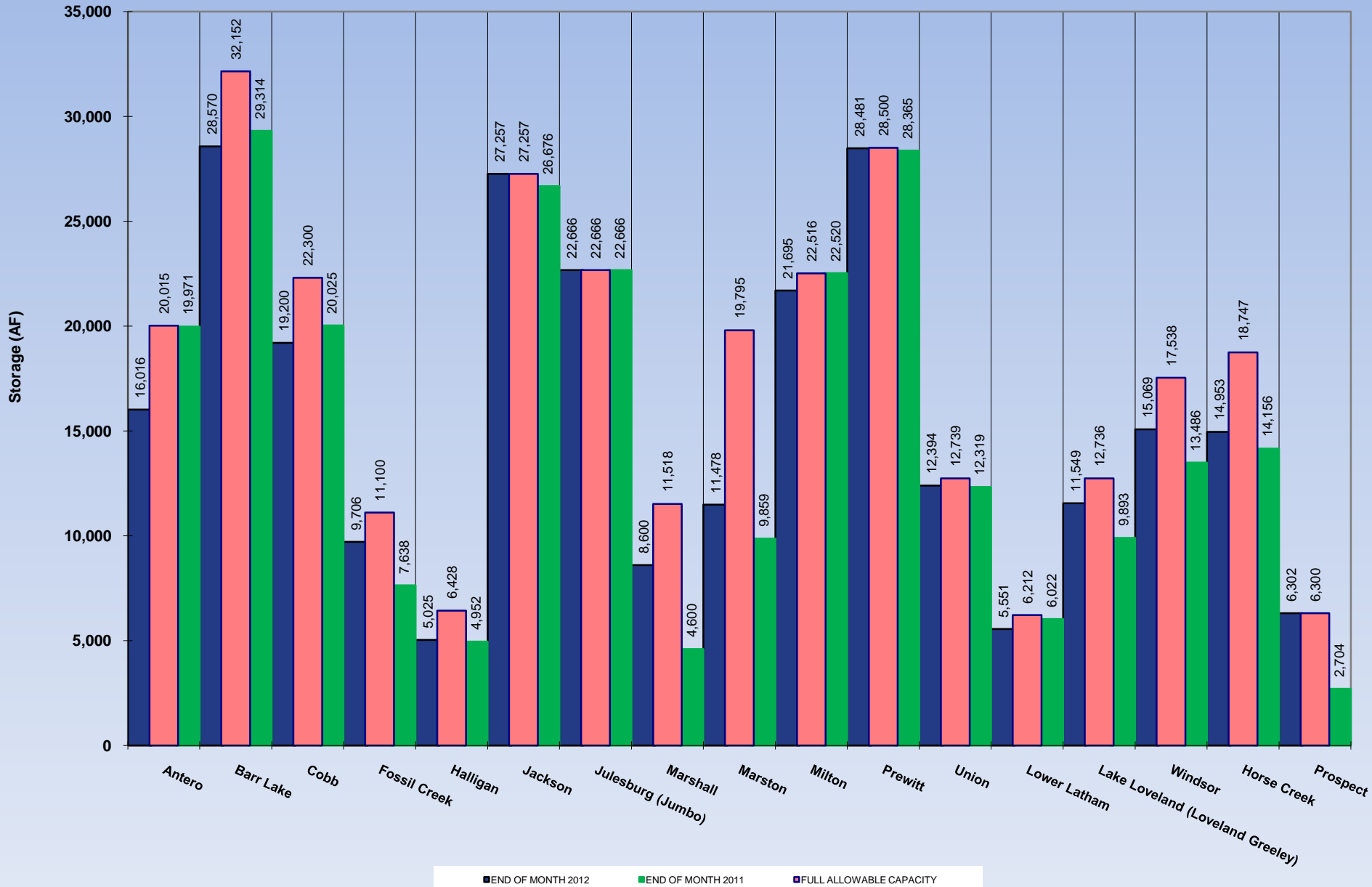


*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

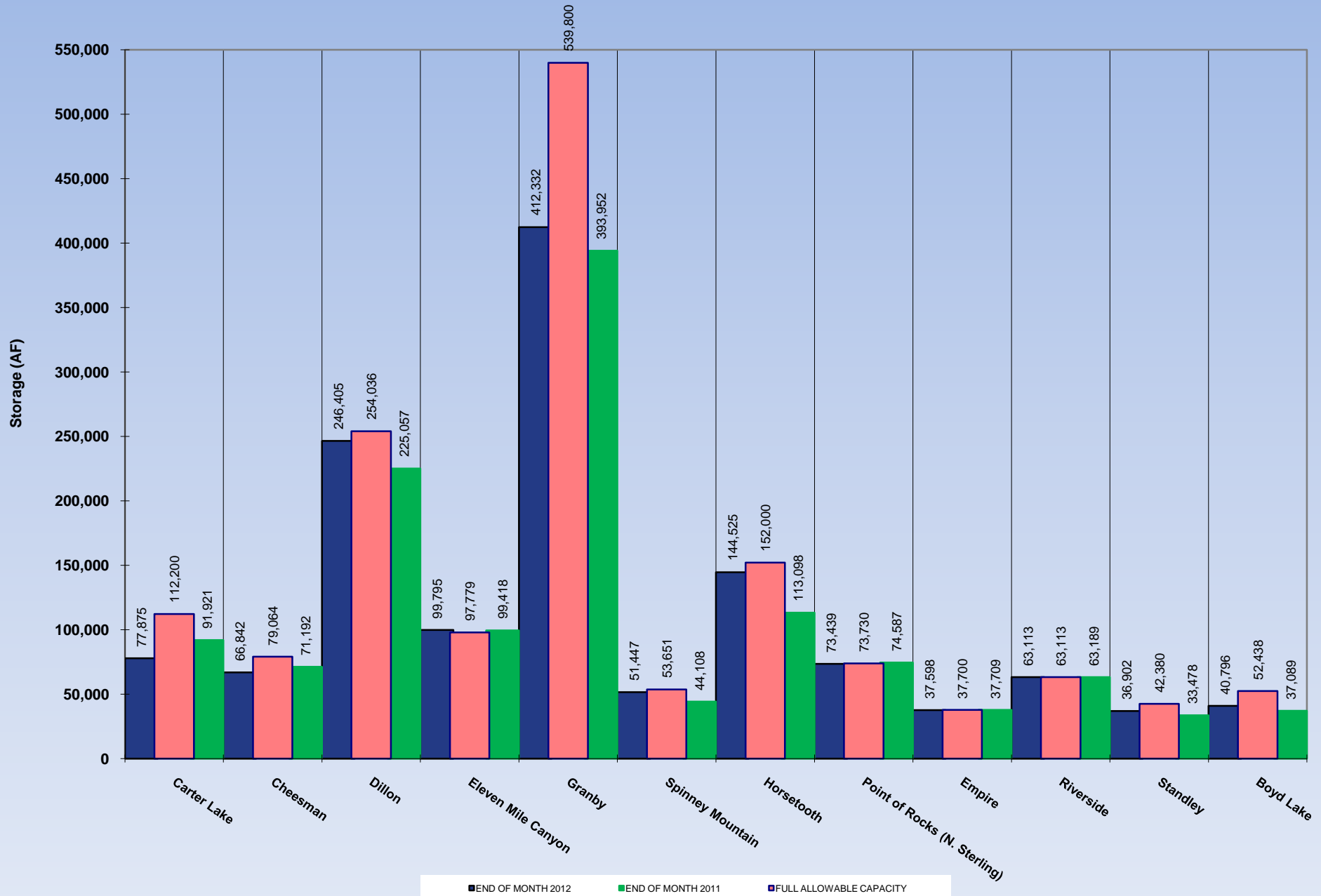
Individual Reservoir Storage Follows



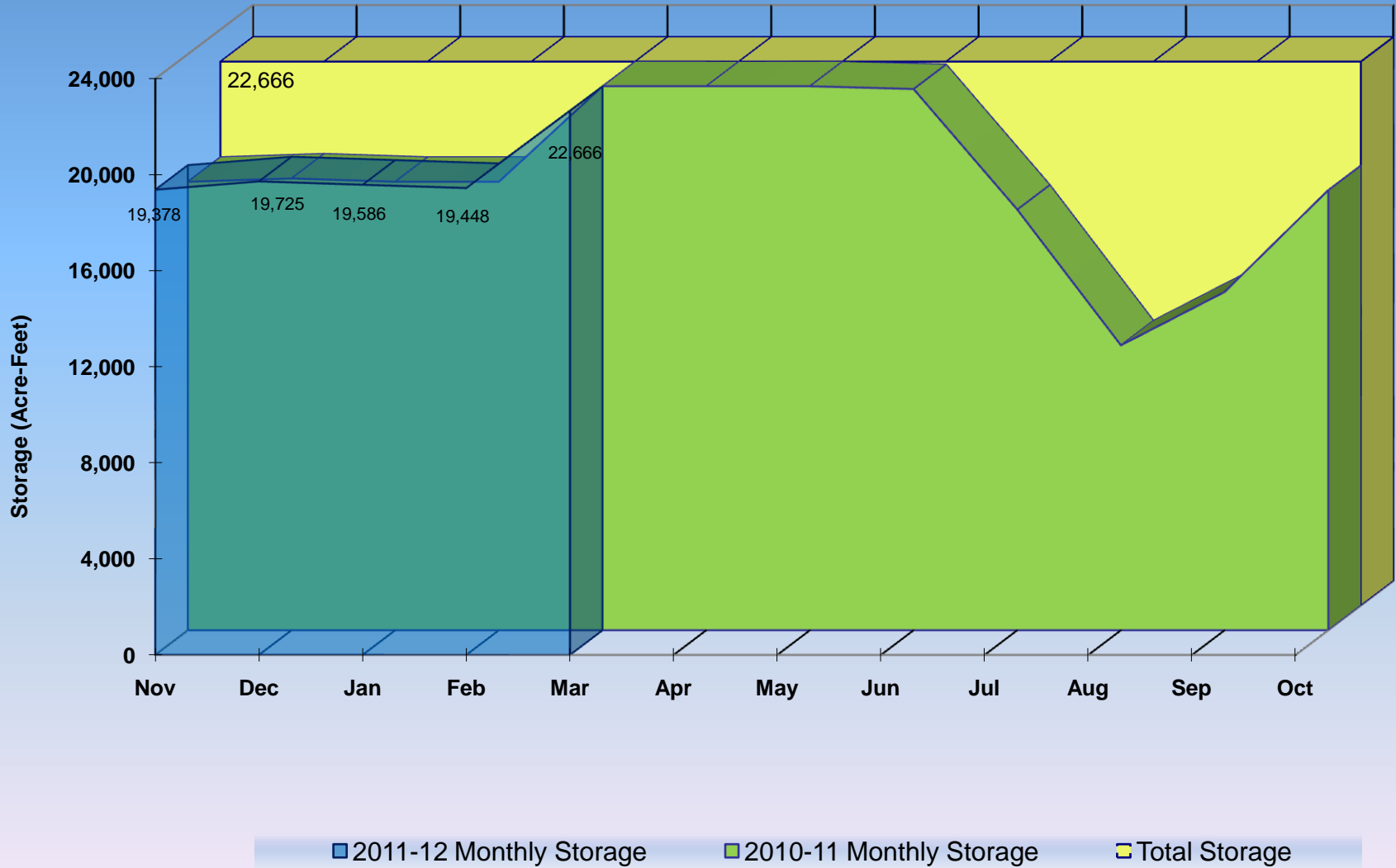
March Reservoir Change in Storage 2011 versus 2012



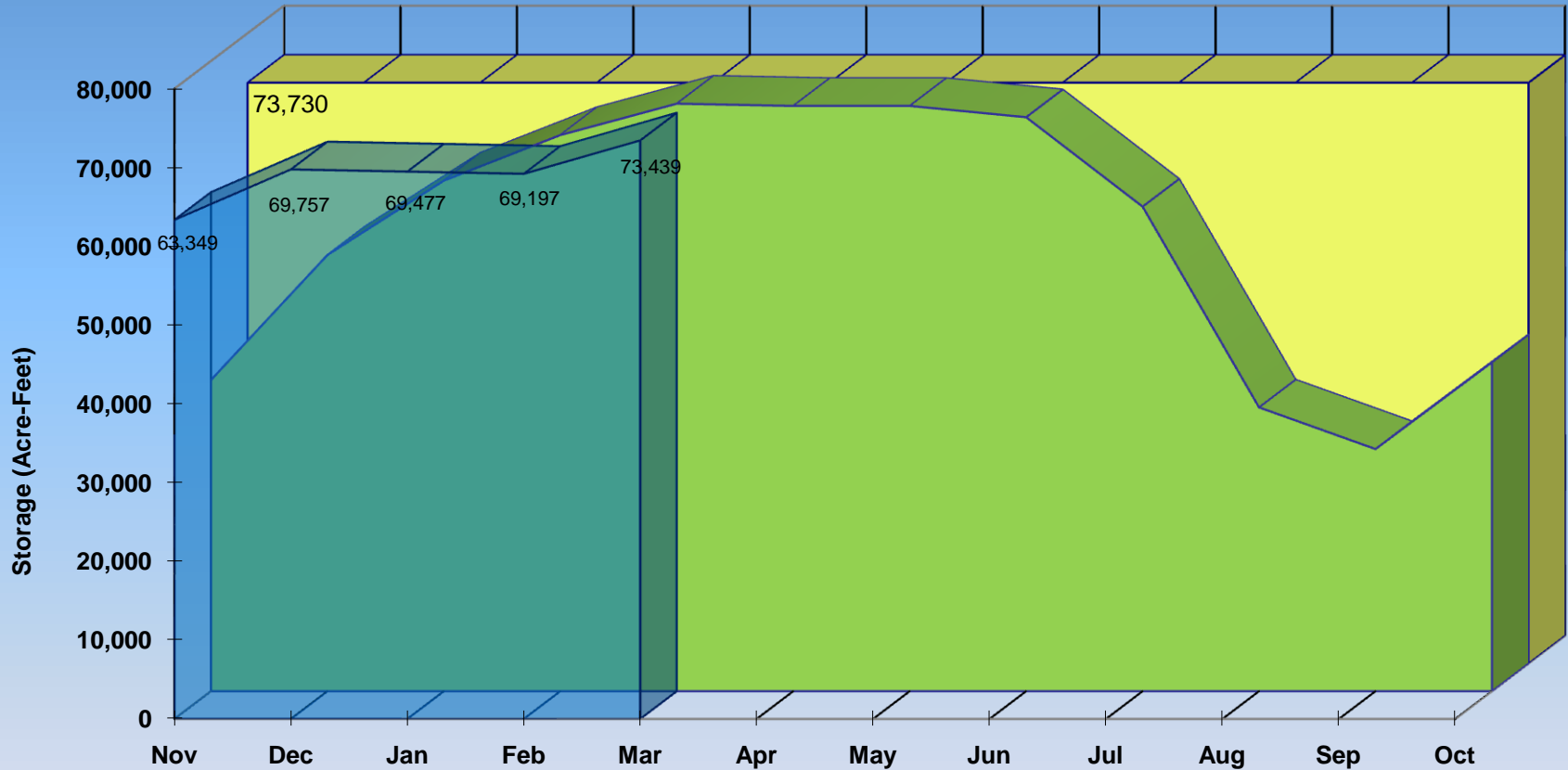
March Reservoir Change in Storage 2011 versus 2012



Julesburg Reservoir (District 64 - Agricultural)

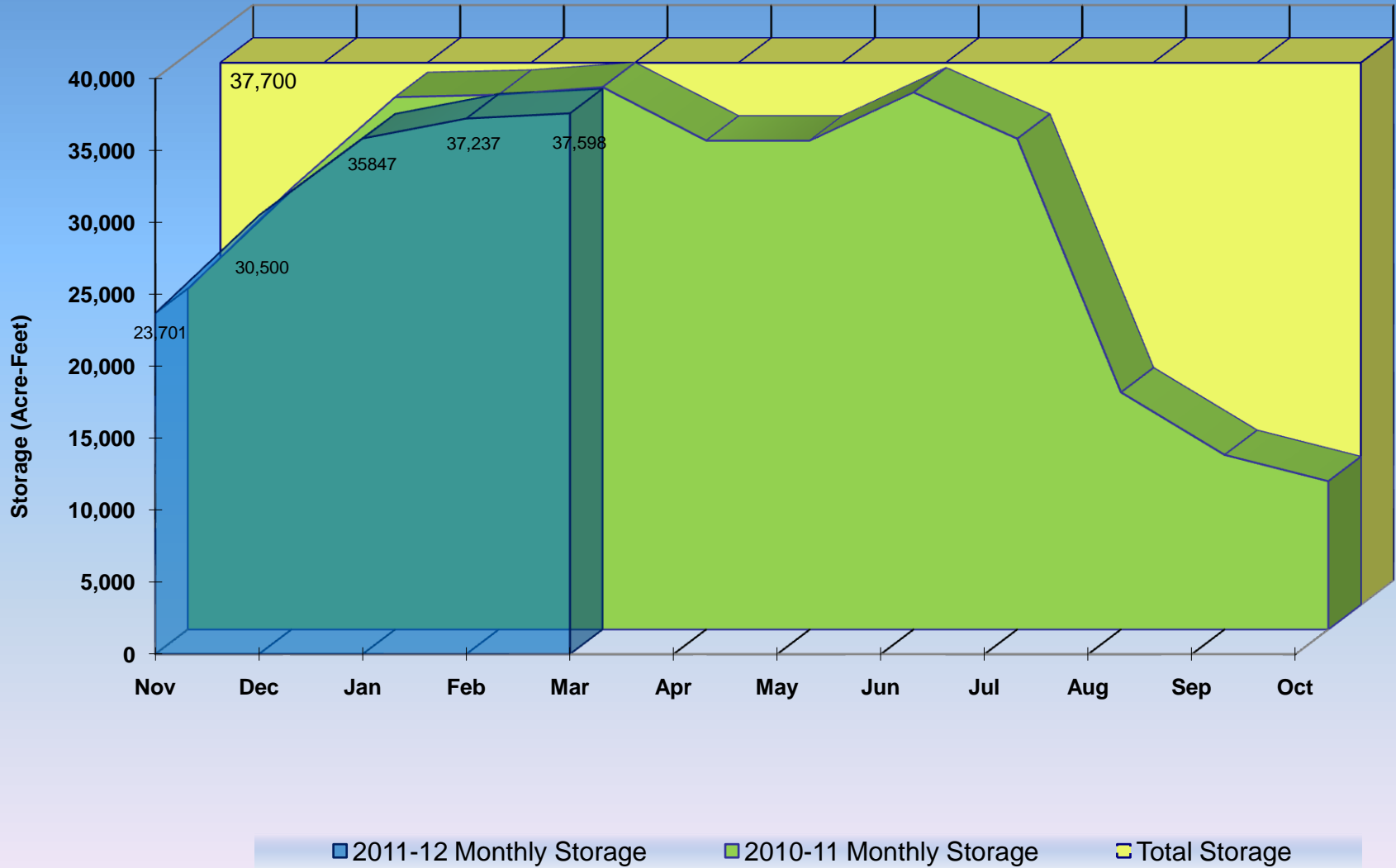


North Sterling Reservoir (District 64- Agricultural)

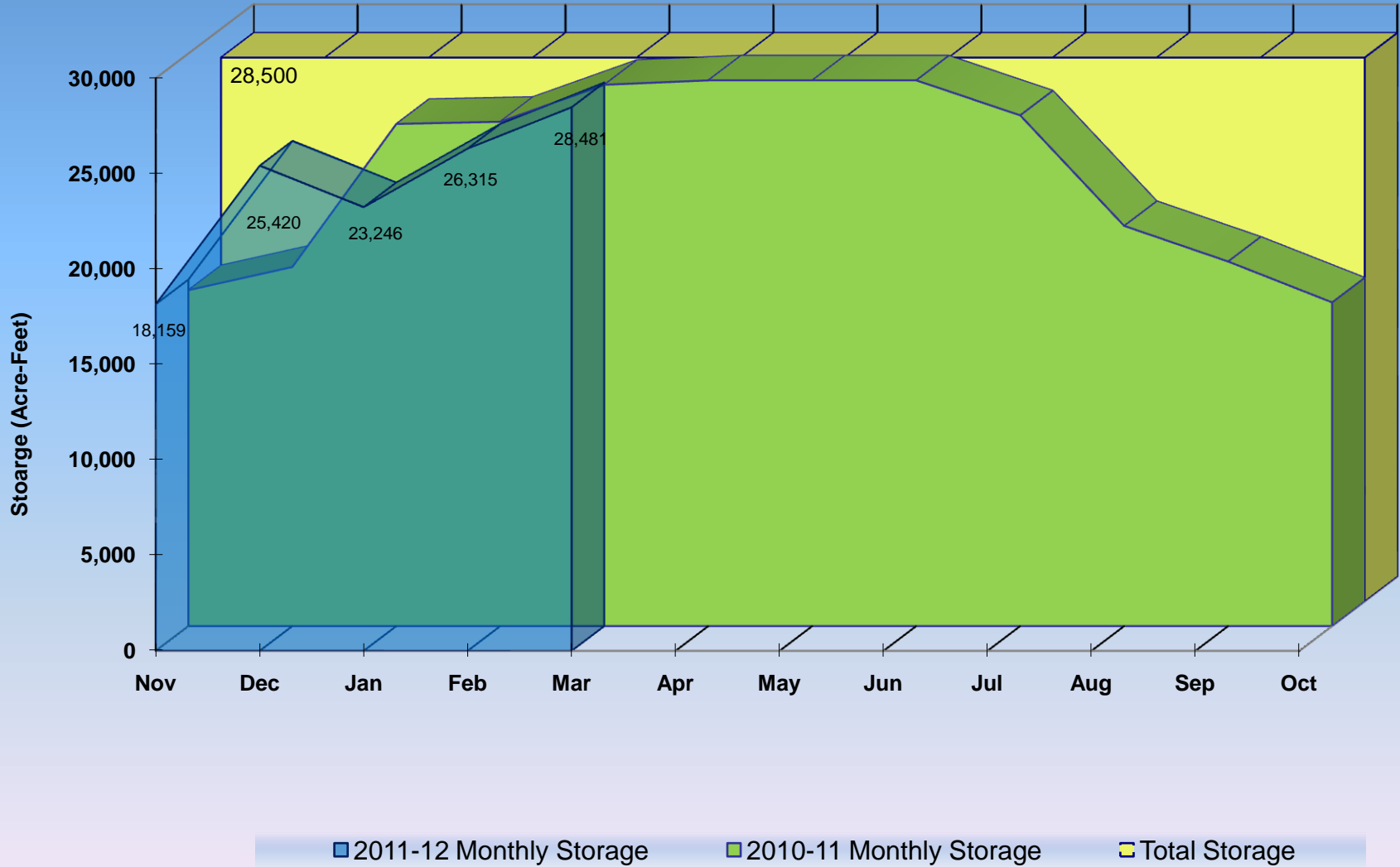


■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

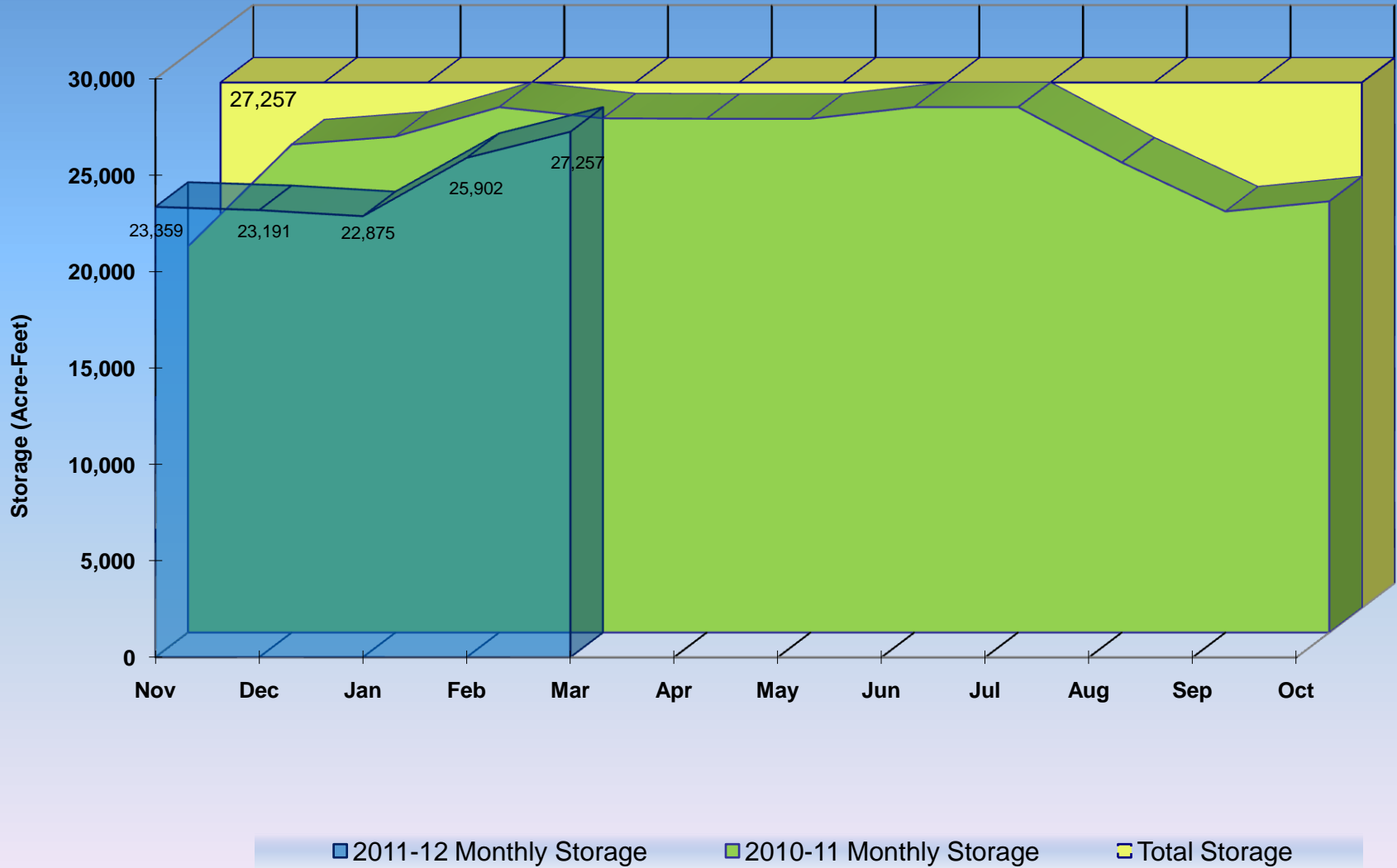
Empire Reservoir (District 1- Agricultural)



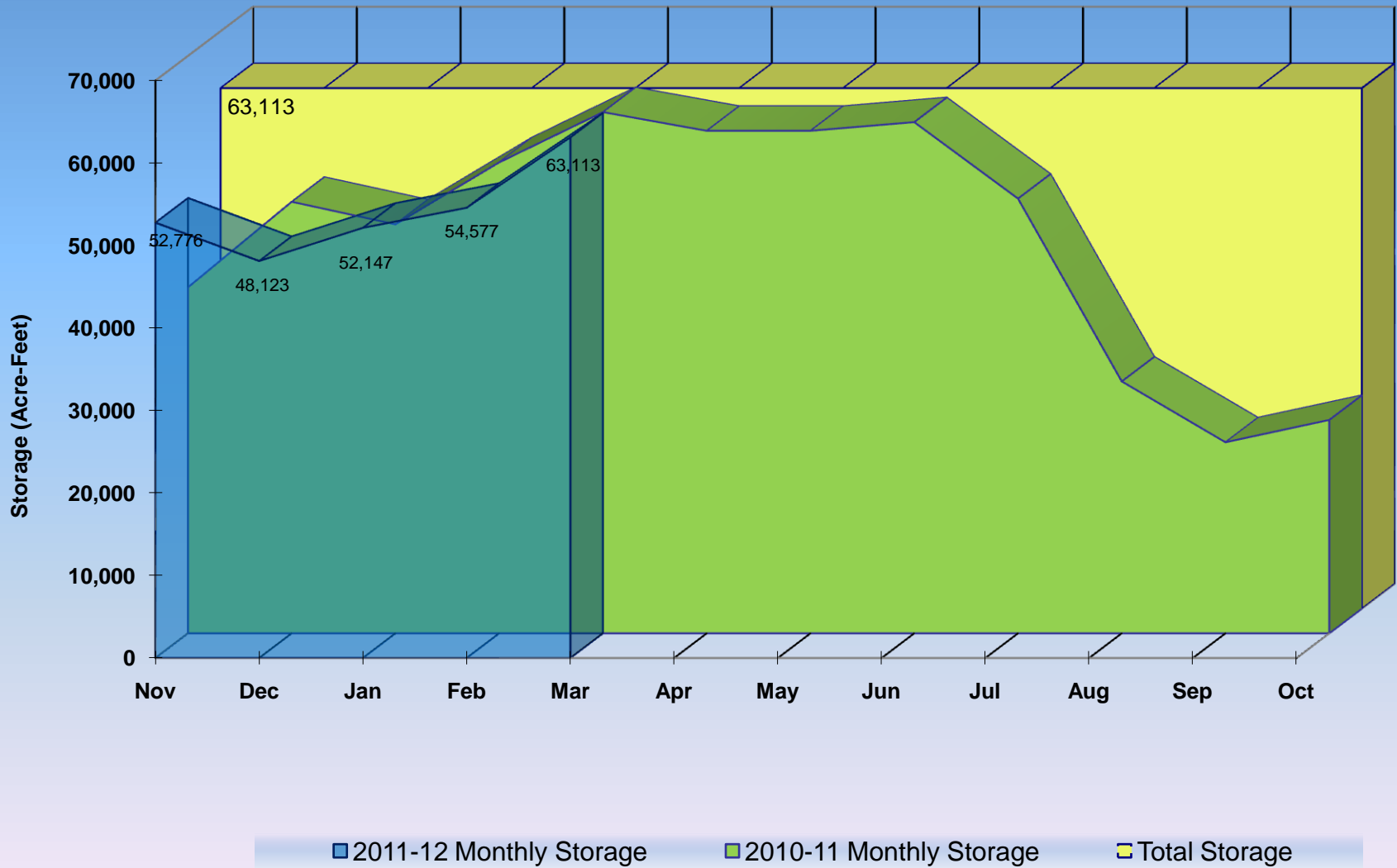
Prewitt Reservoir (District 64- Agricultural)



Jackson Reservoir (District 1- Agricultural)

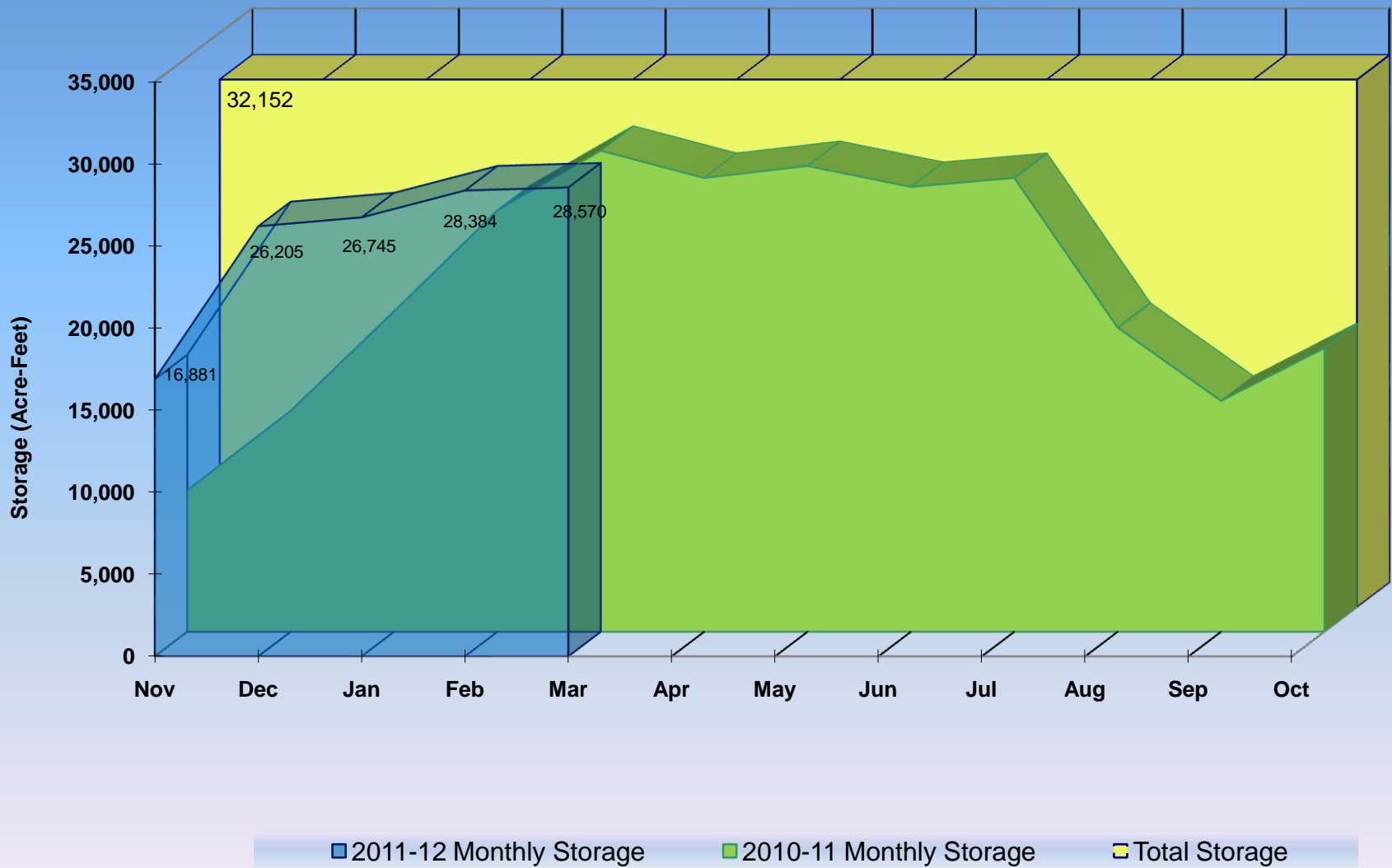


Riverside Reservoir (District 1 - Agricultural)

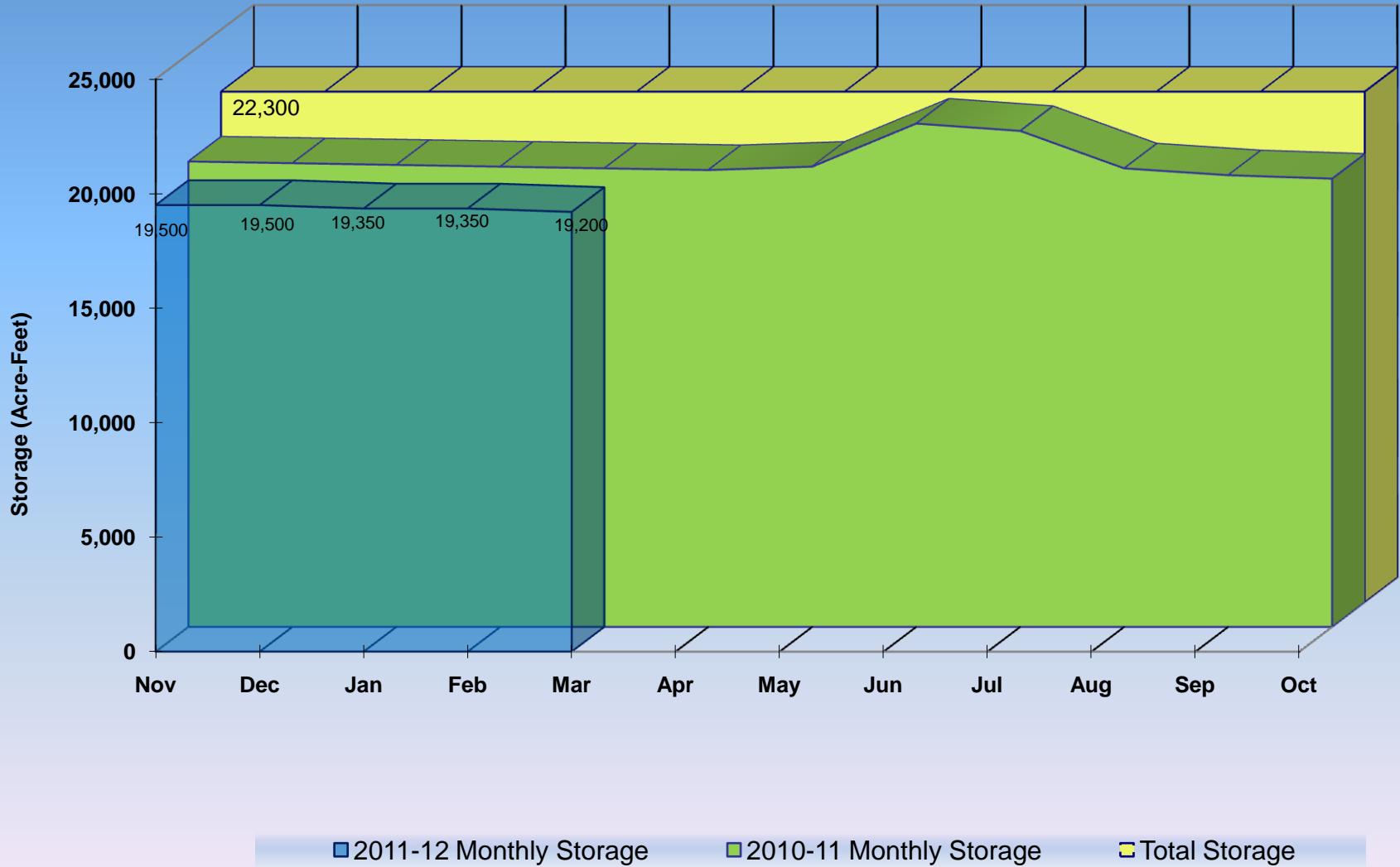


Barr Lake

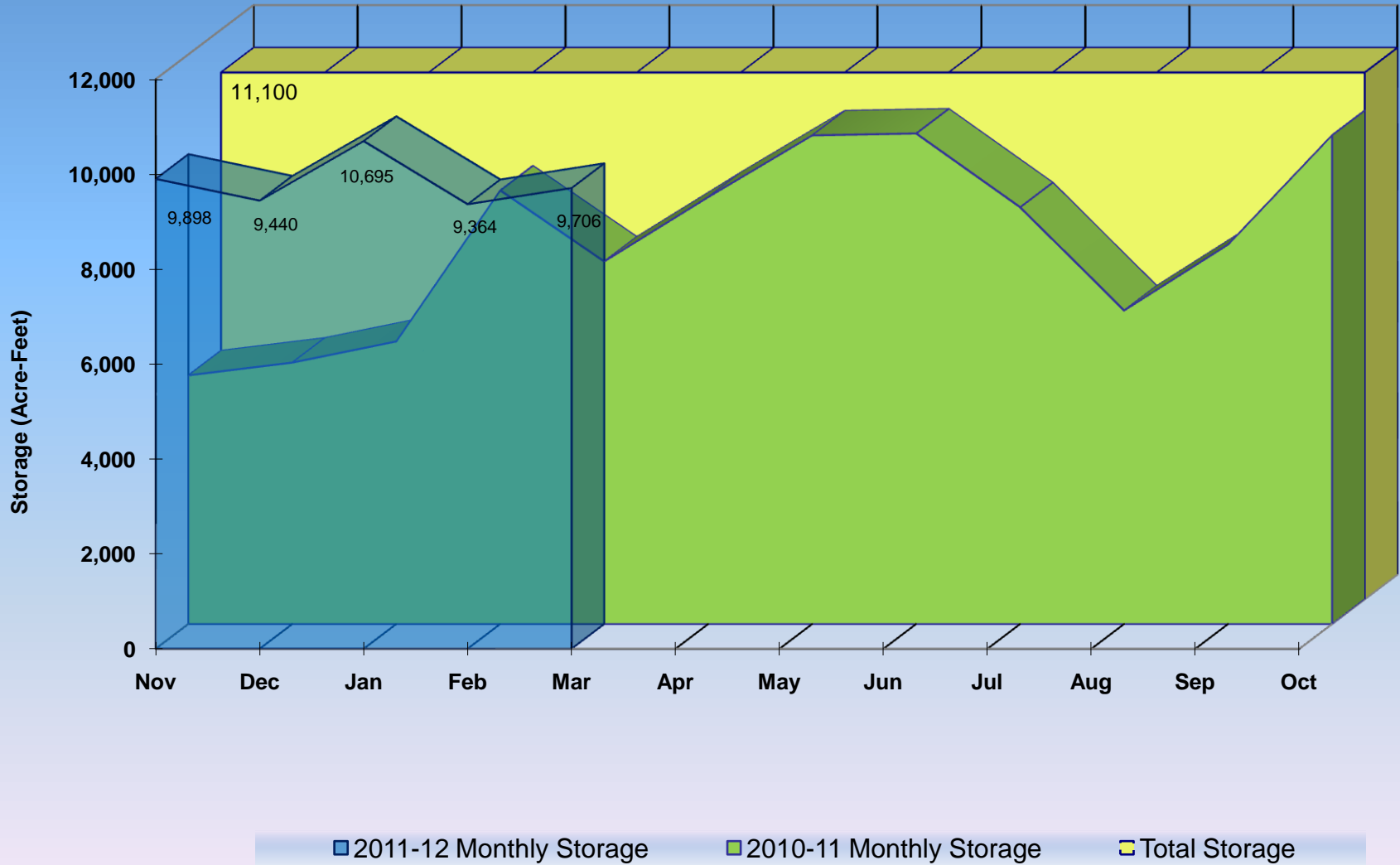
(District 2 - Agricultural)



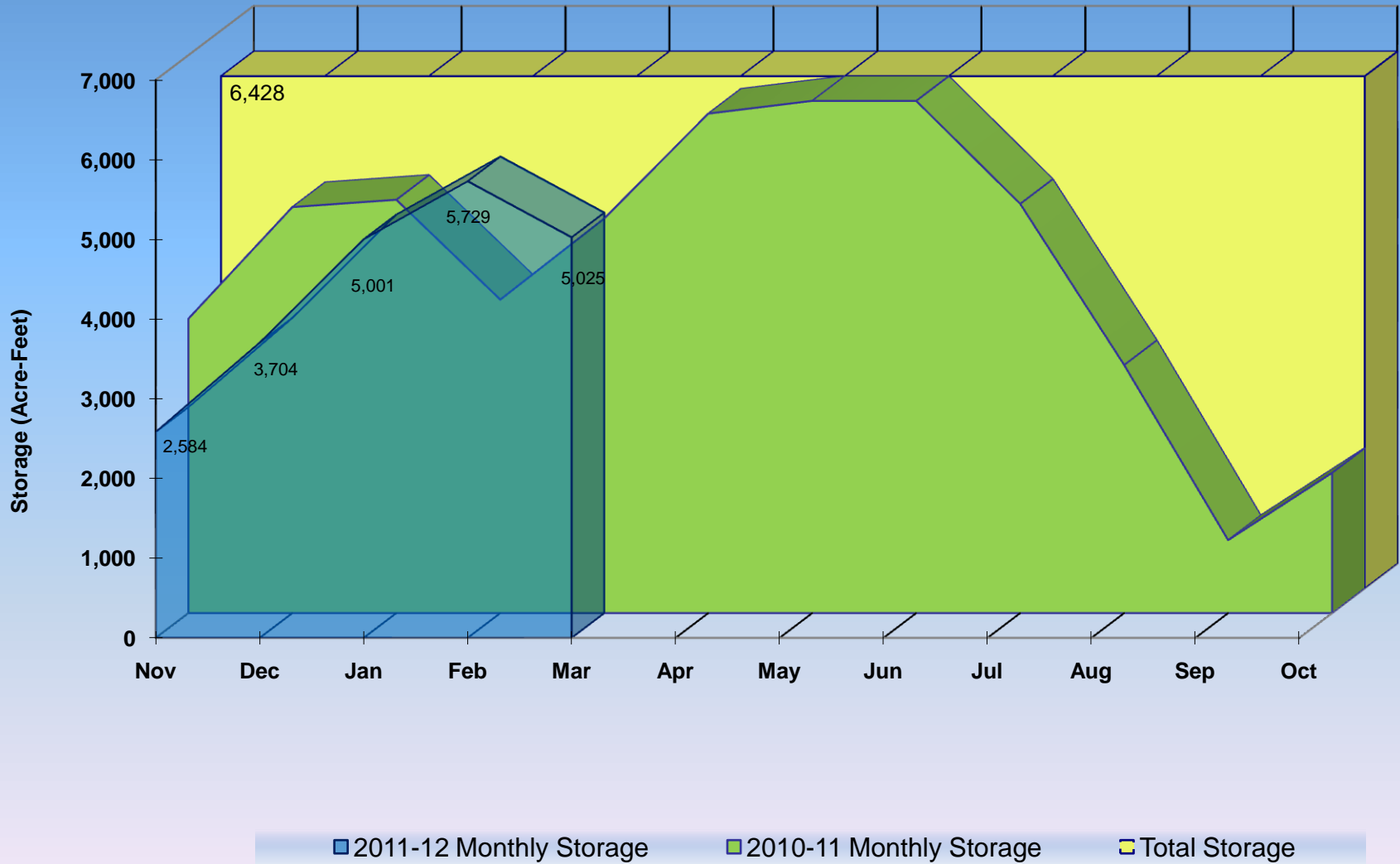
Cobb Lake (District 3, Poudre River - Agricultural)



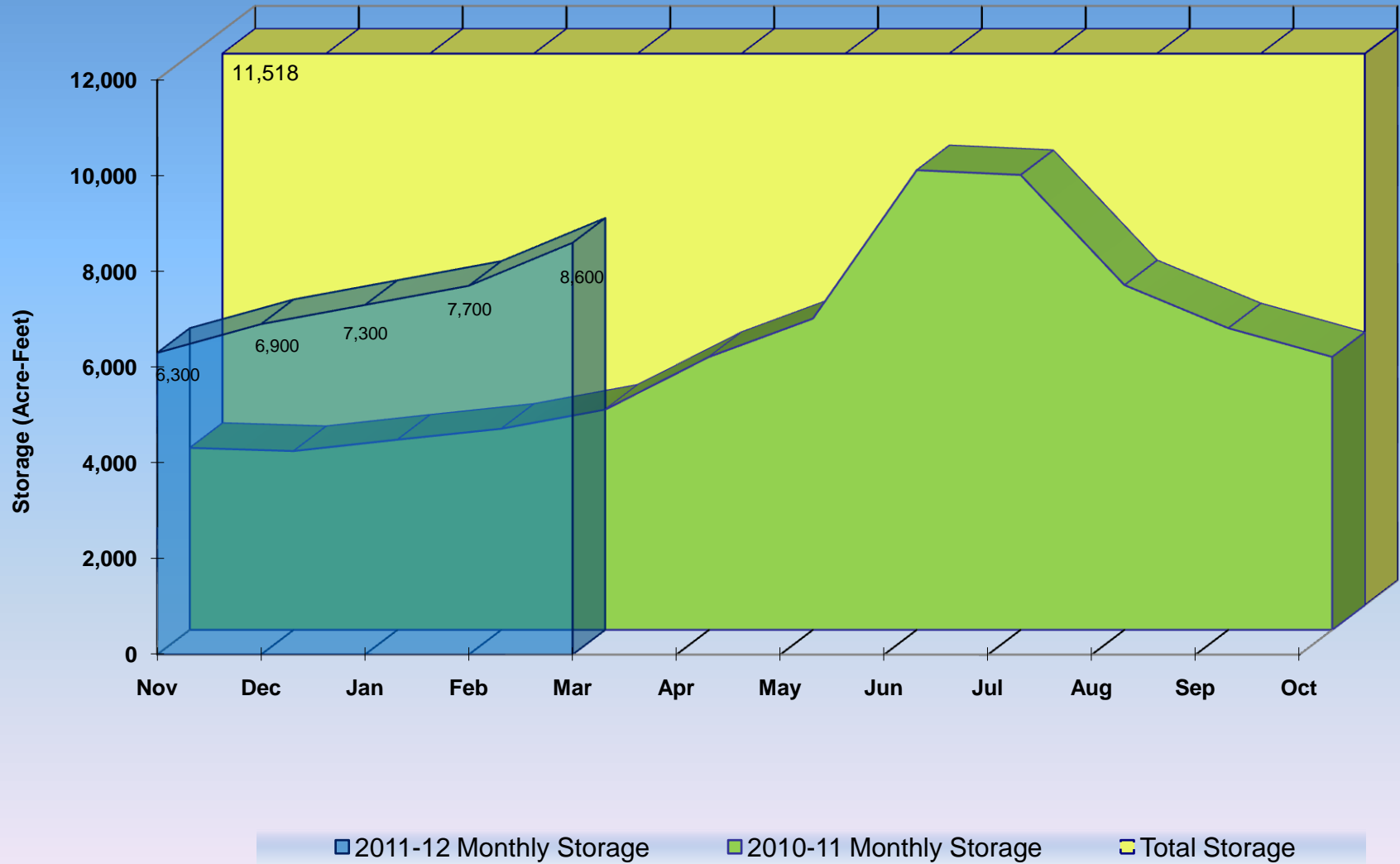
Fossil Creek Reservoir (District 3, Poudre River - Agricultural)



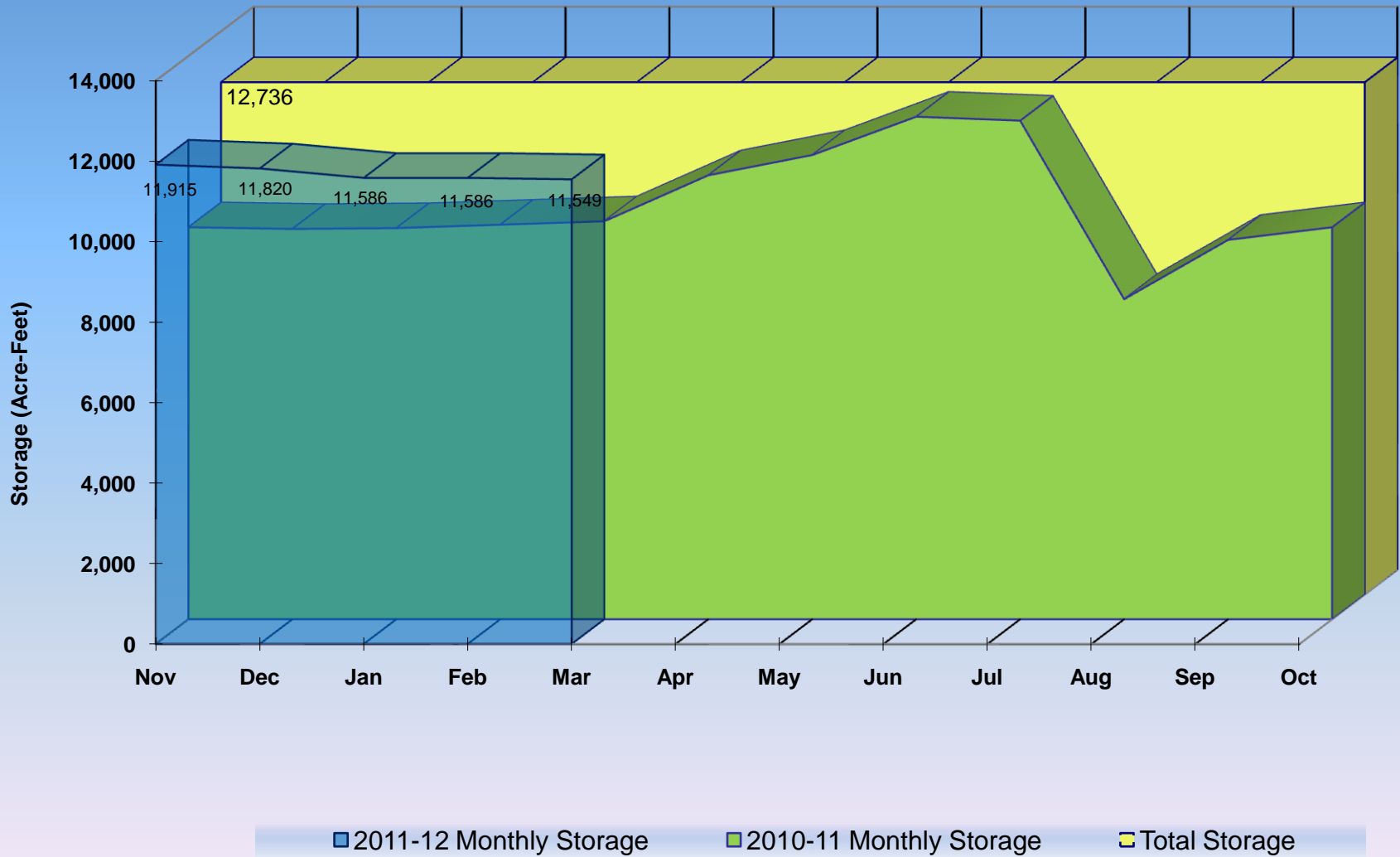
Halligan Reservoir (District 3, Poudre River - Agricultural)



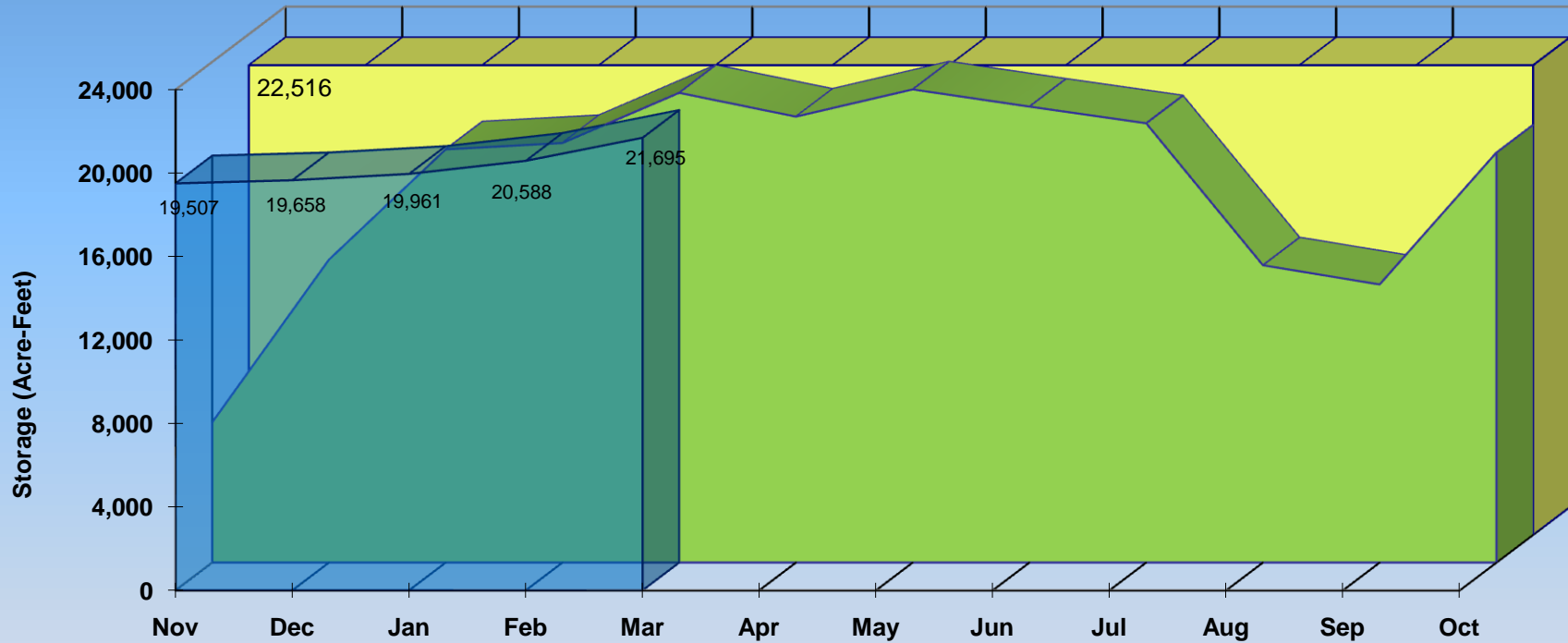
Marshall Lake (District 6, Boulder Creek - Agricultural)



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

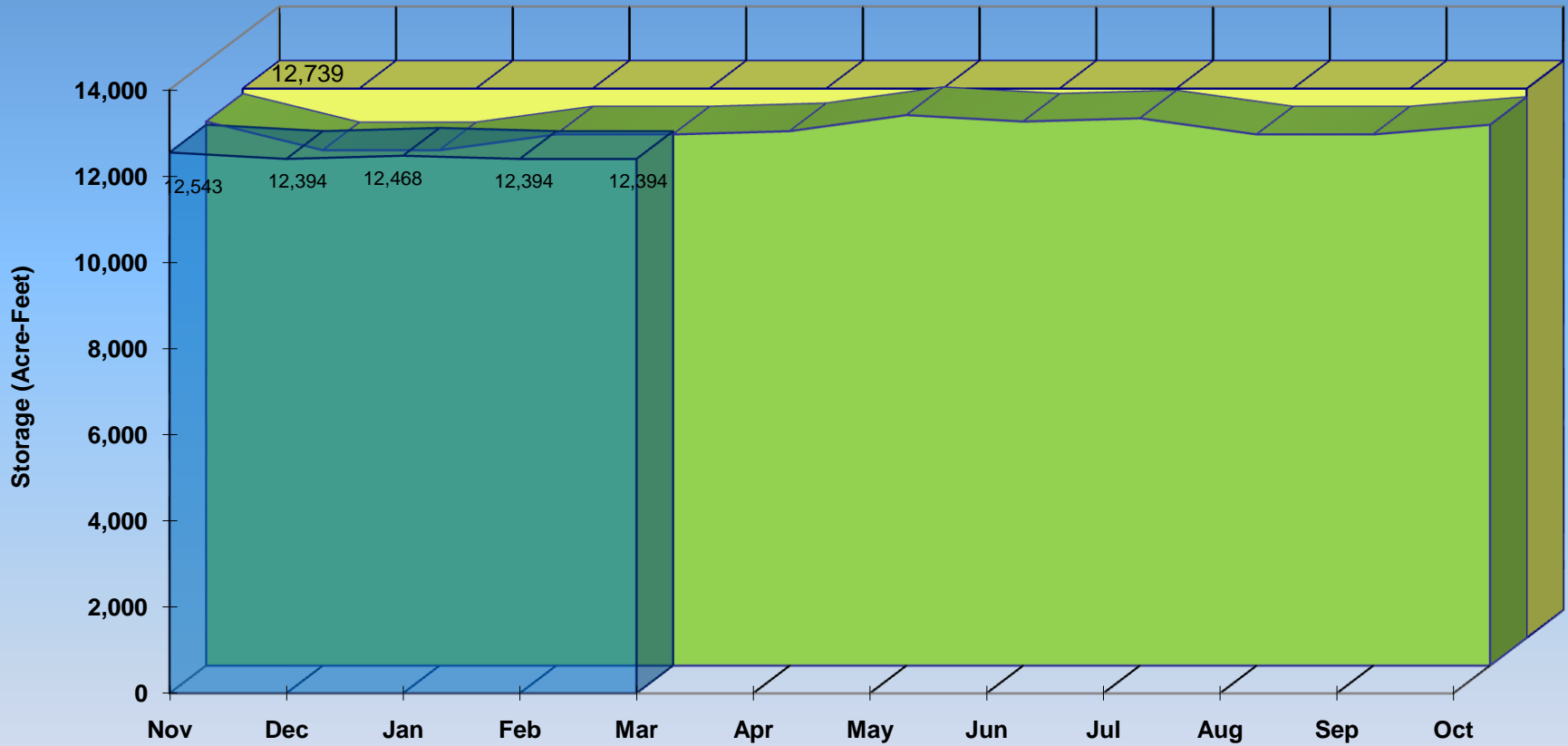


Milton Reservoir (District 2 - Agricultural)



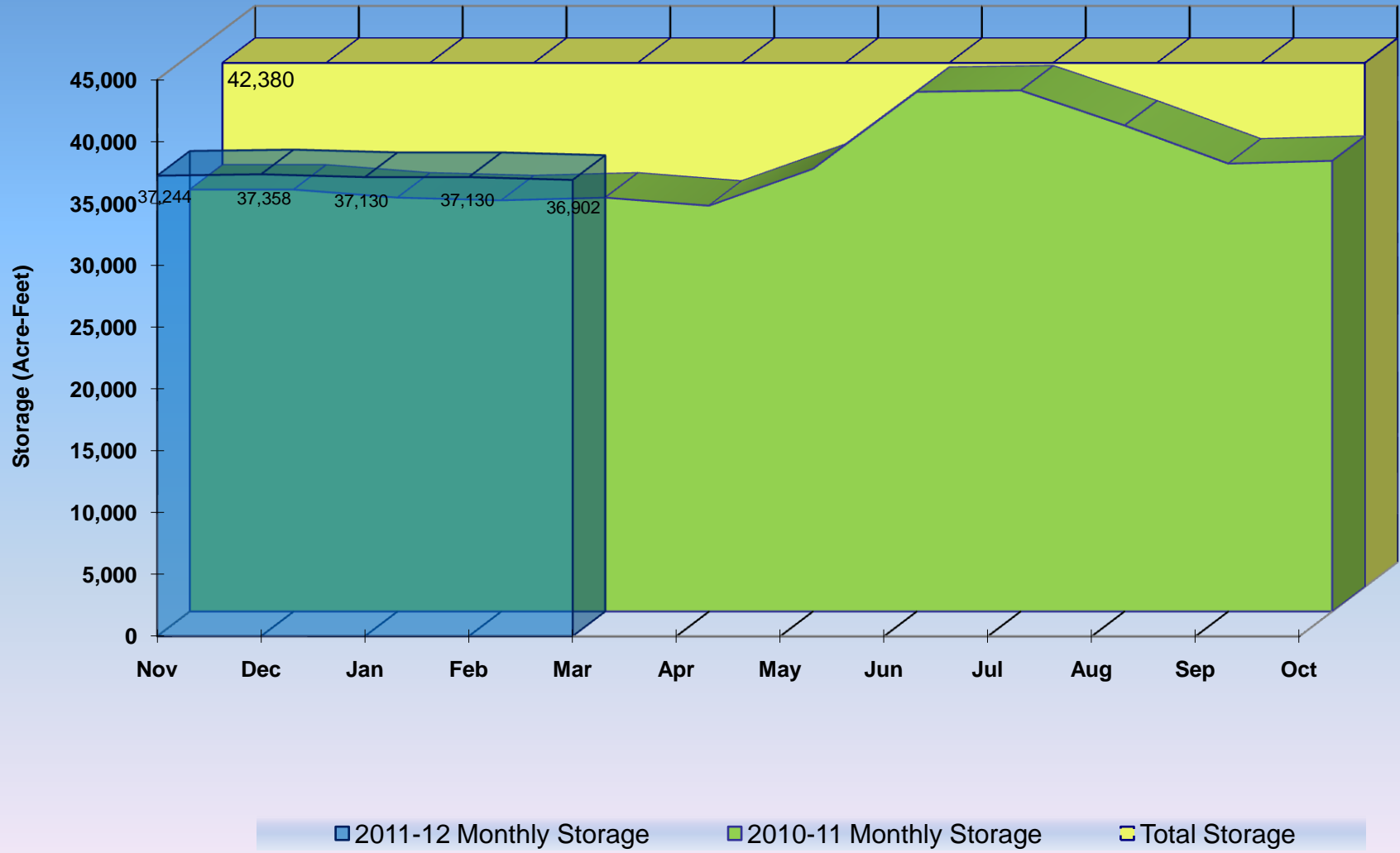
■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

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

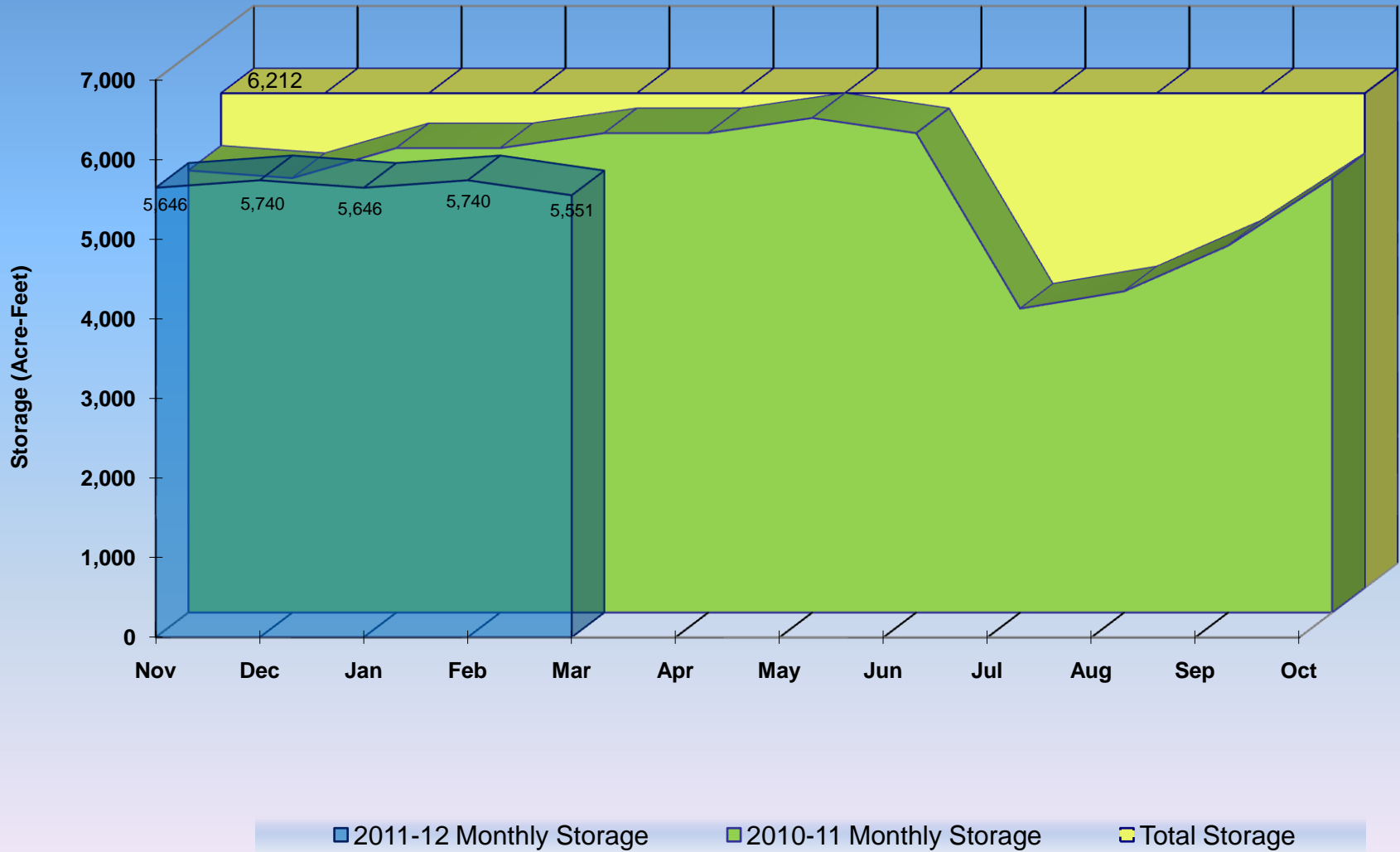


■ 2011-12 Monthly Storage
 ■ 2010-11 Monthly Storage
 ■ Total Storage

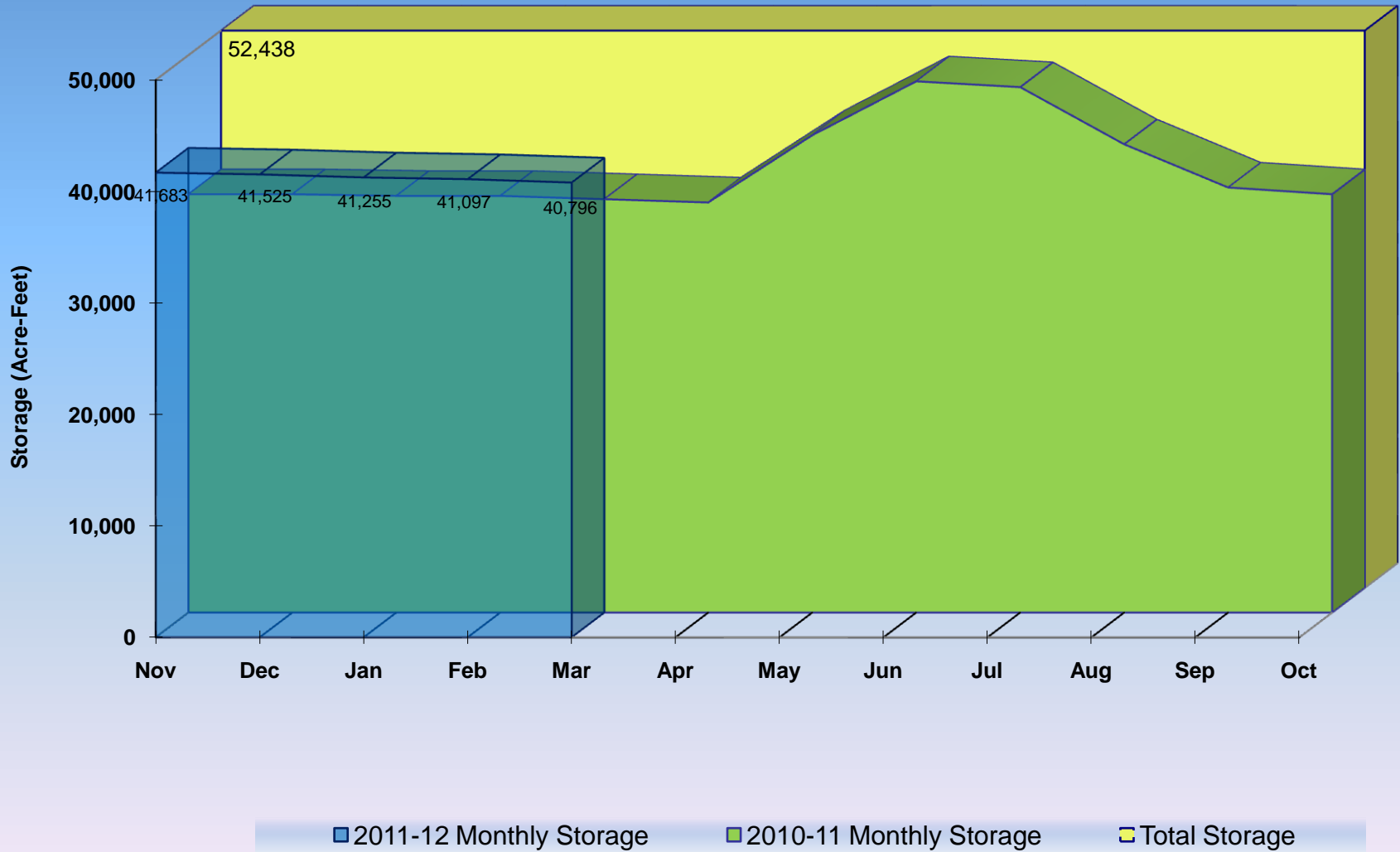
Standley Lake (Agricultural)



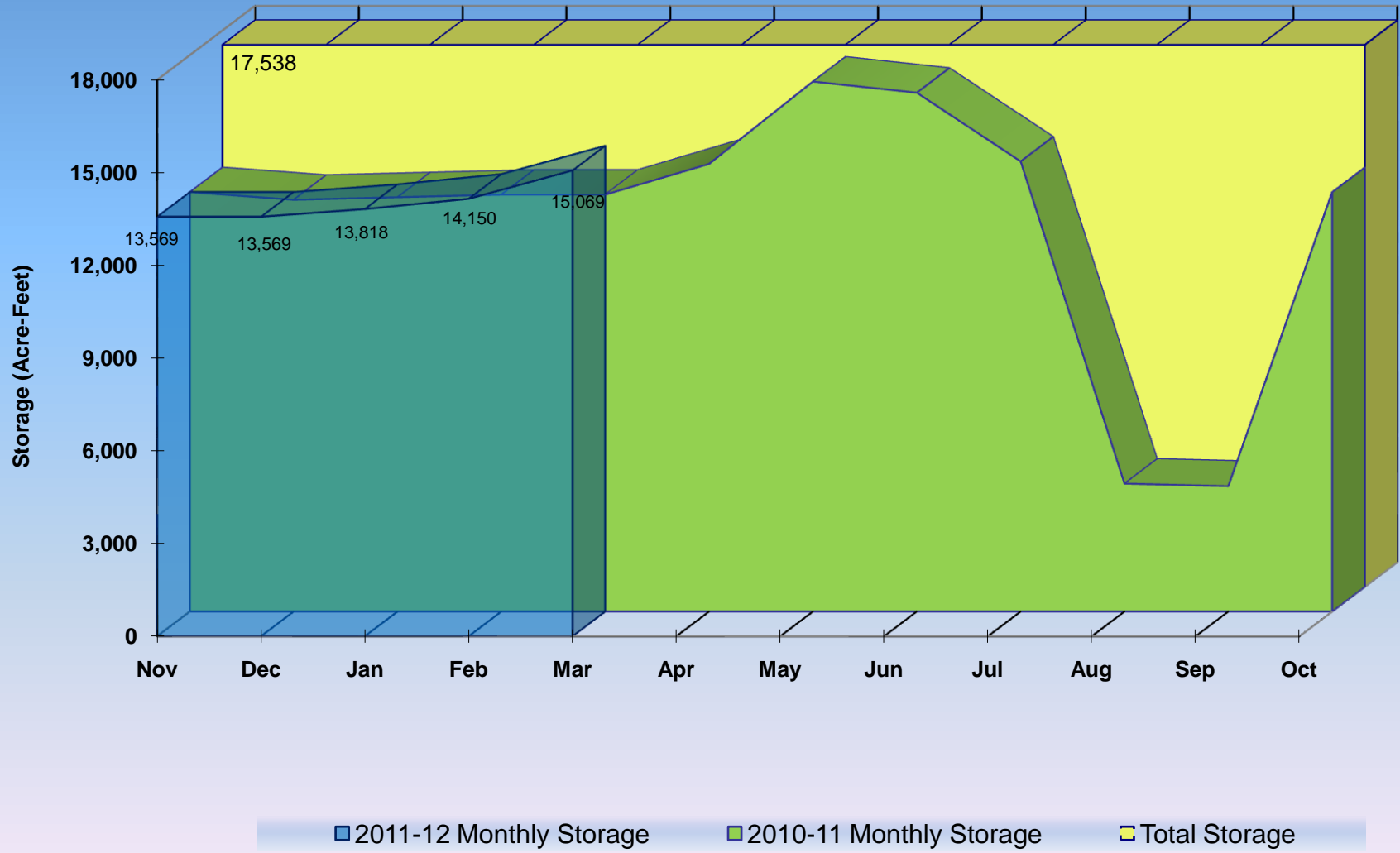
Lower Latham Reservoir (District 2 - Agricultural)



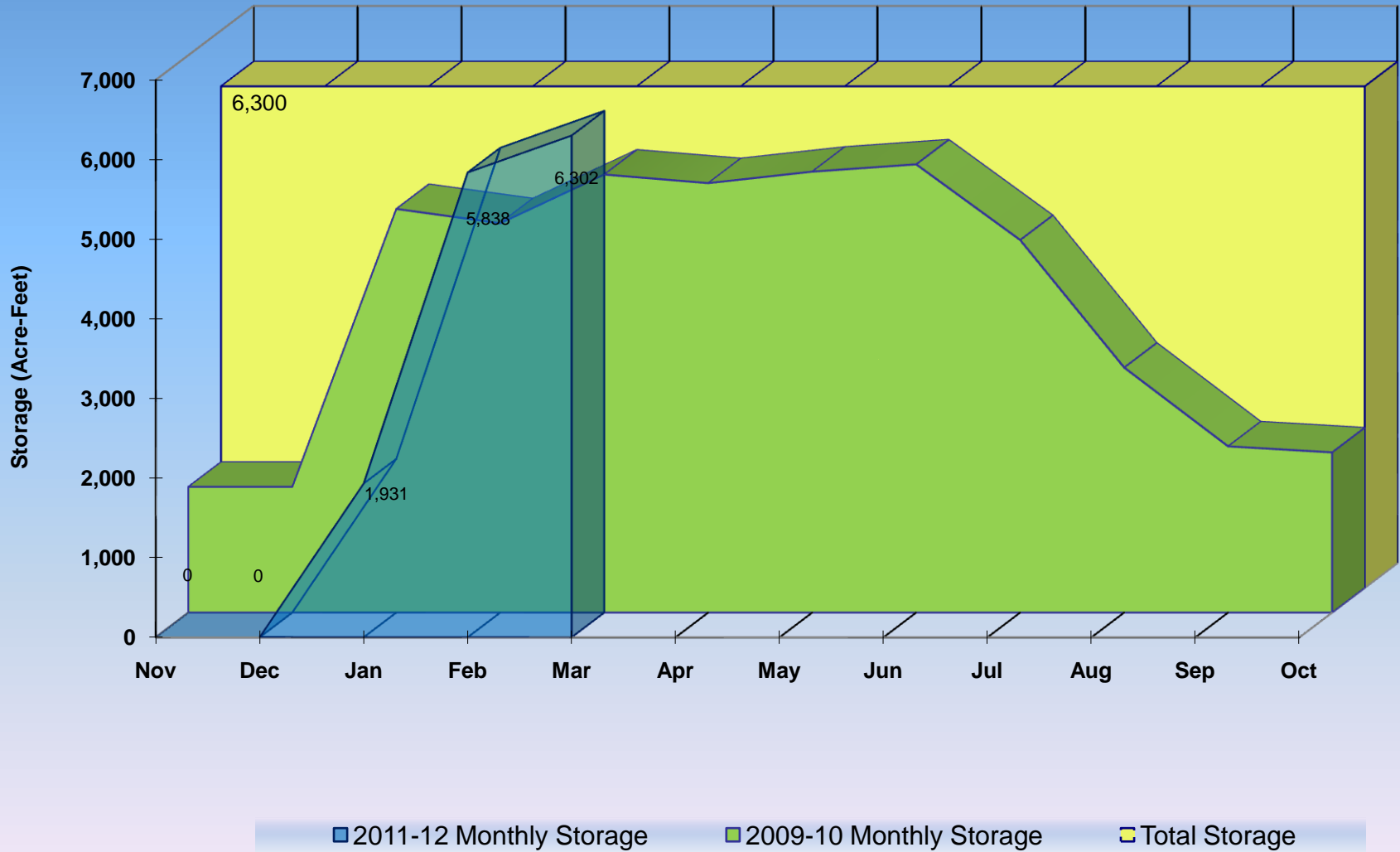
Boyd Lake (District 4, Big Thompson River - Agricultural)



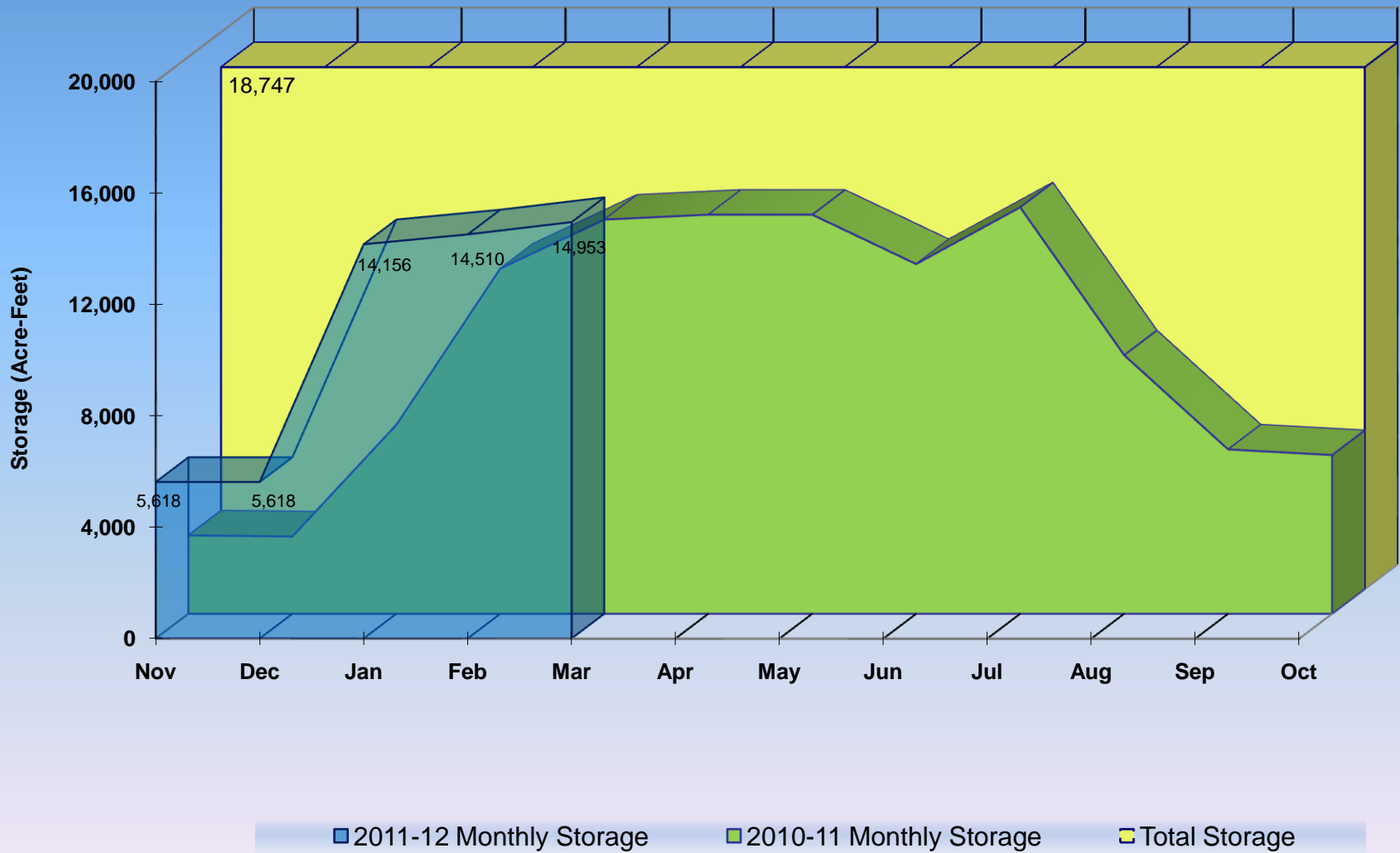
Windsor Reservoir (District 3, Poudre River - Agricultural)



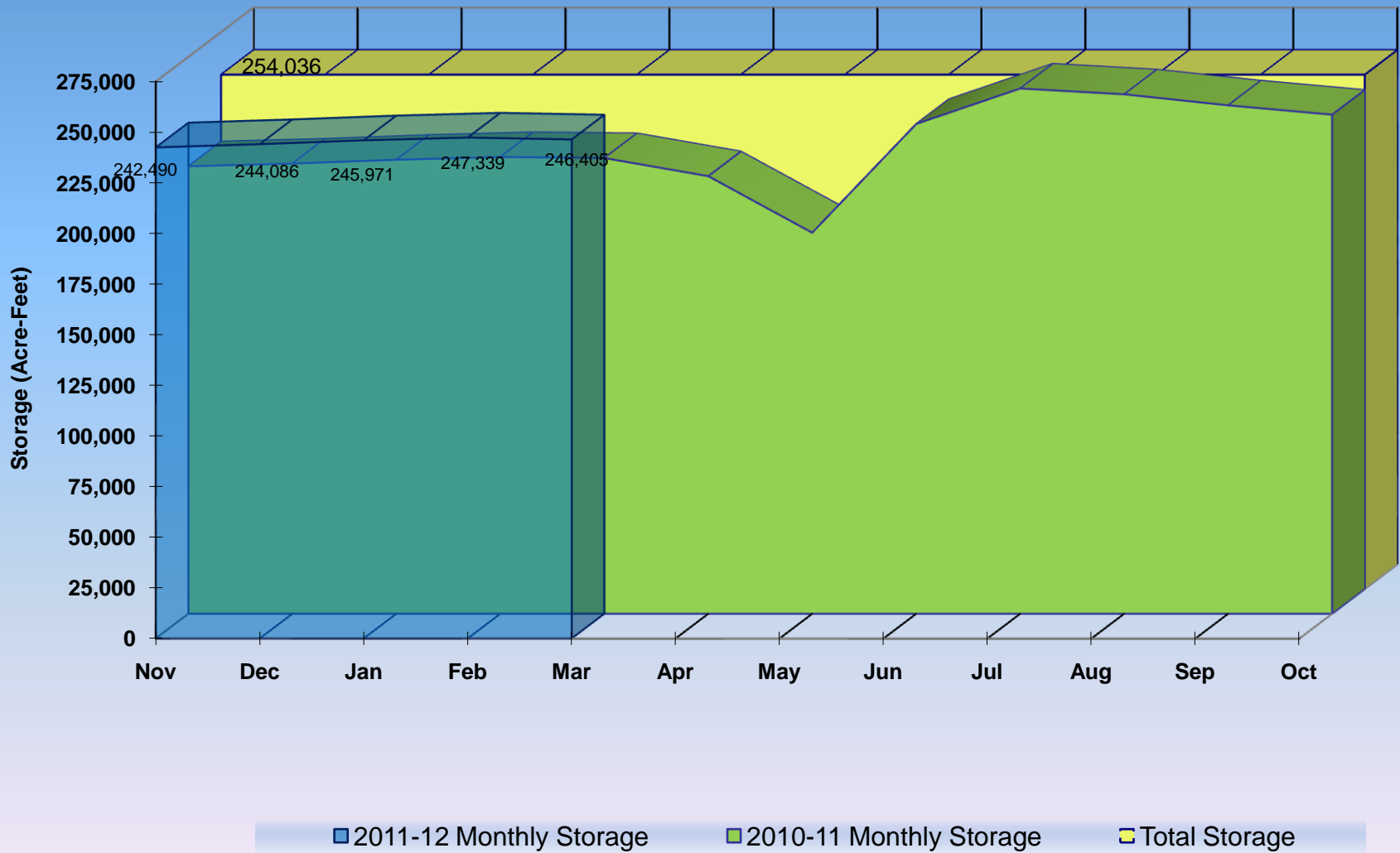
Prospect Reservoir (District 1- Agricultural)



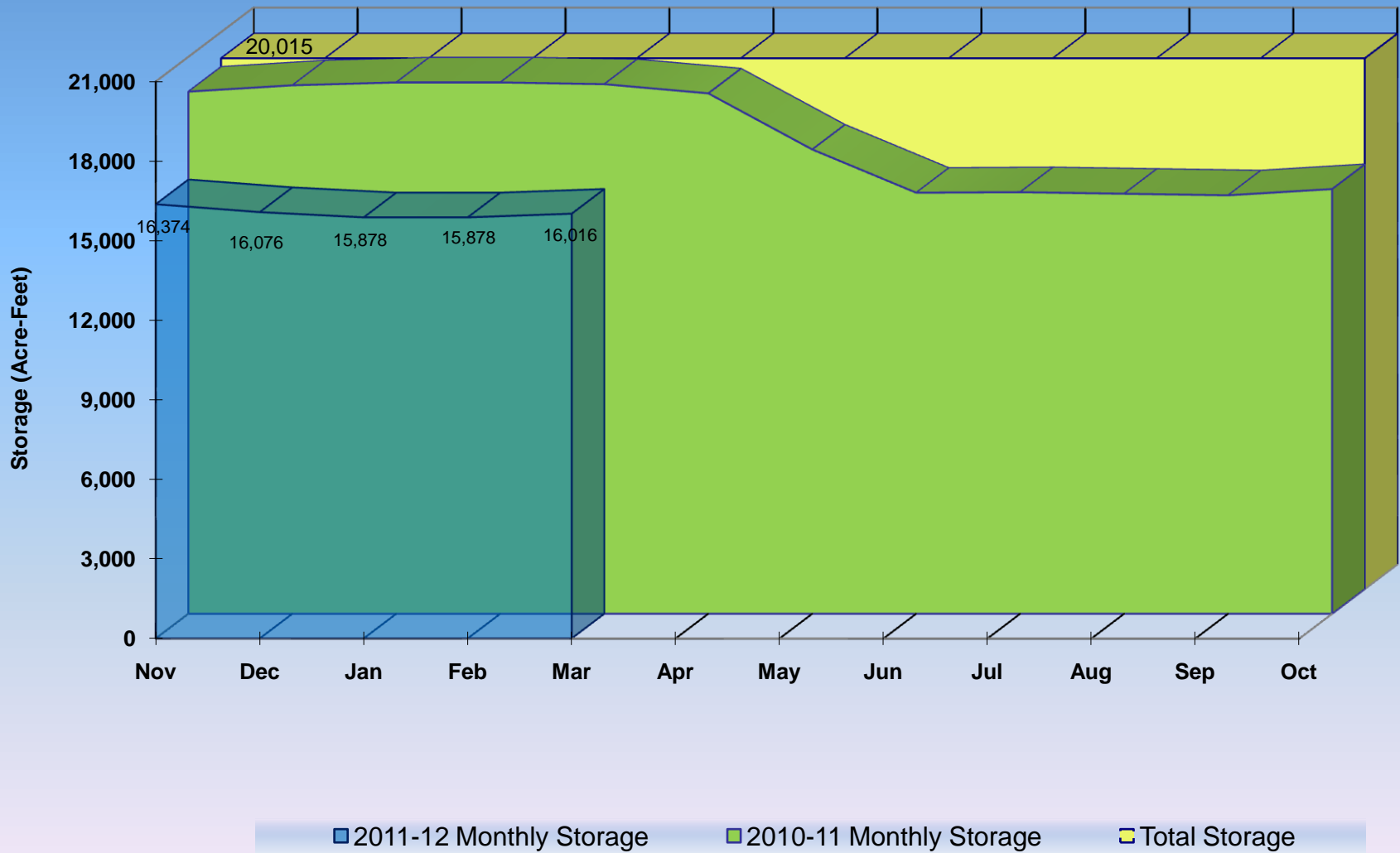
Horse Creek Reservoir (District 1 - Agricultural)



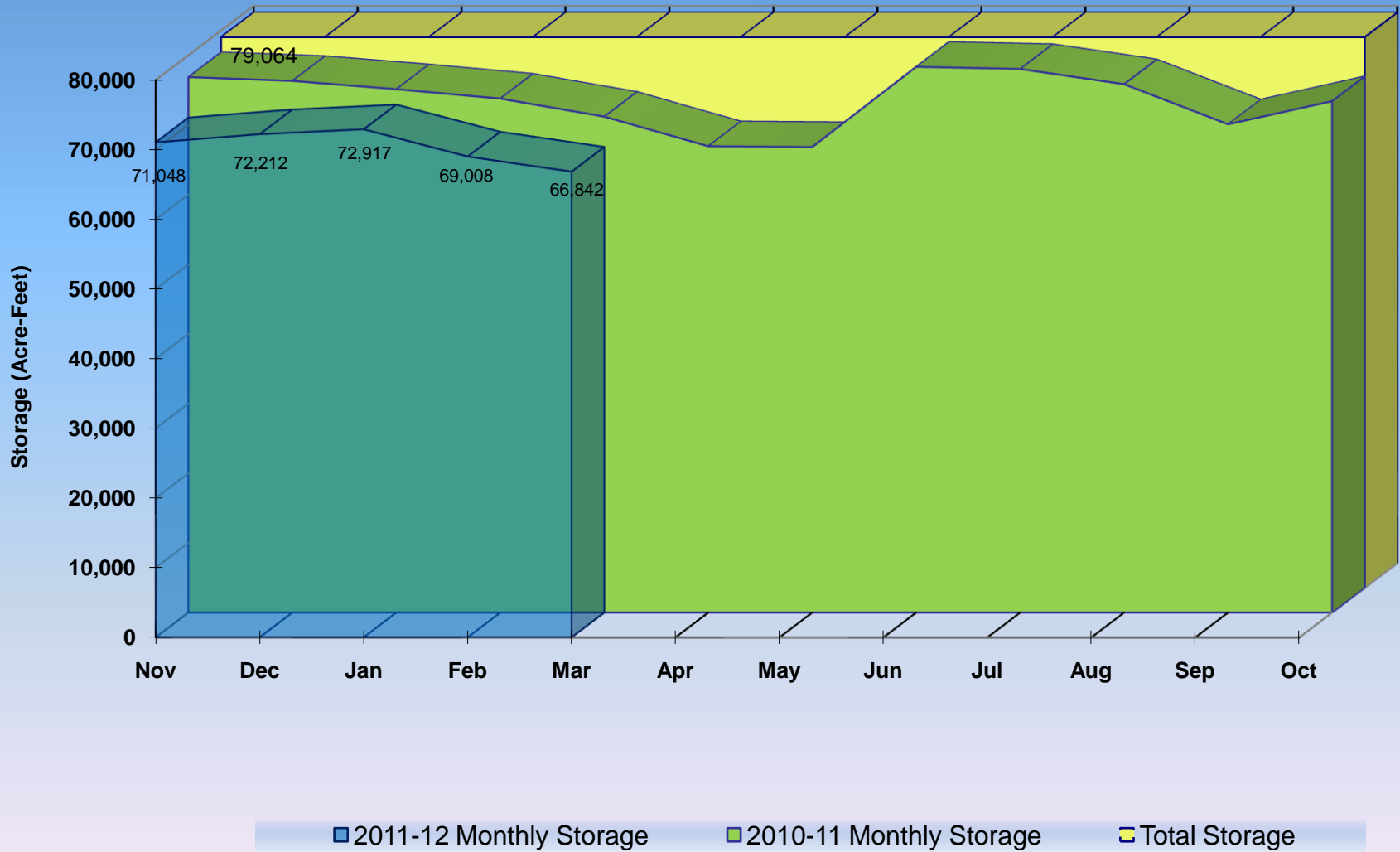
Dillon Reservoir (Municipal)



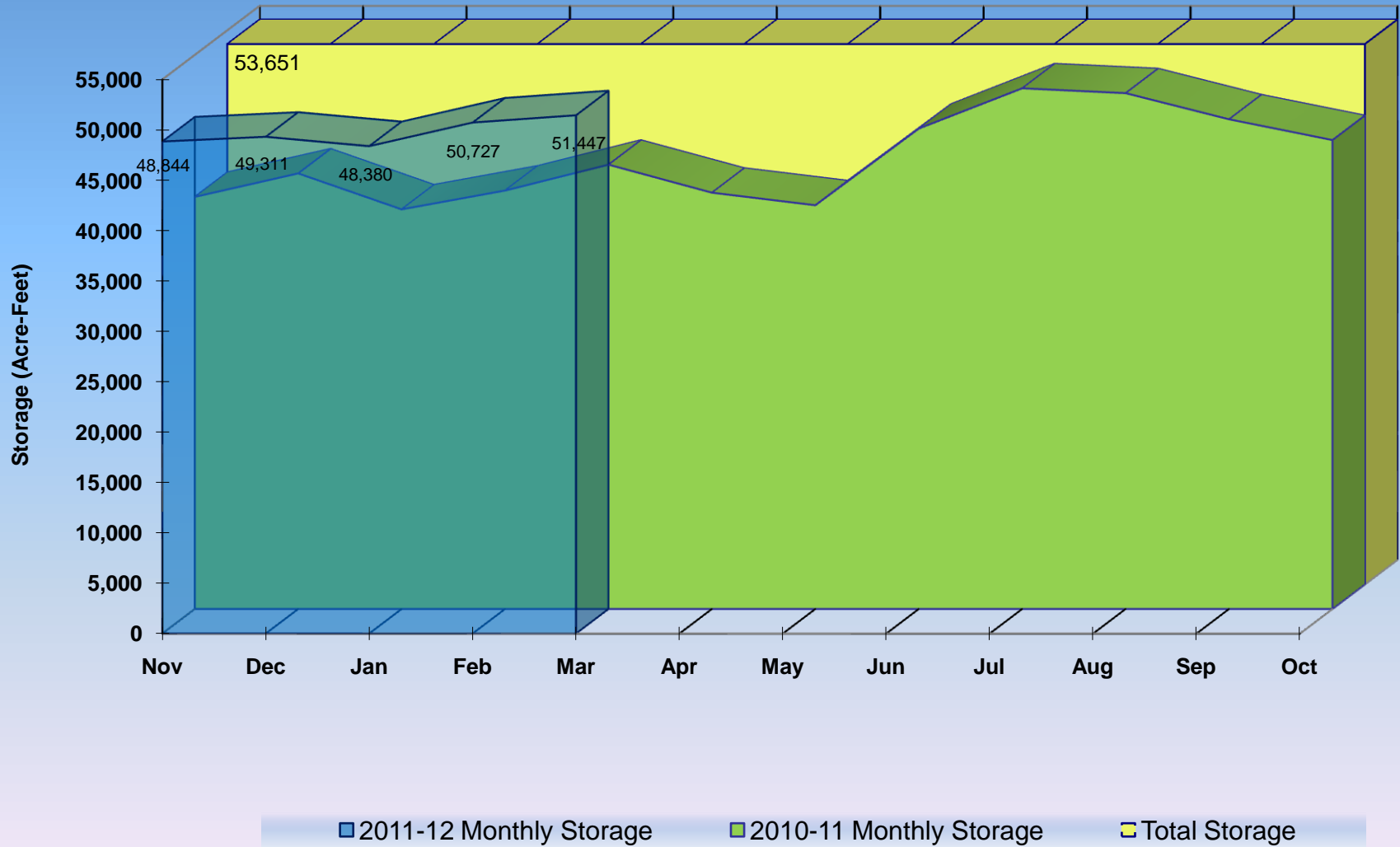
Antero Reservoir (District 23 - Municipal)



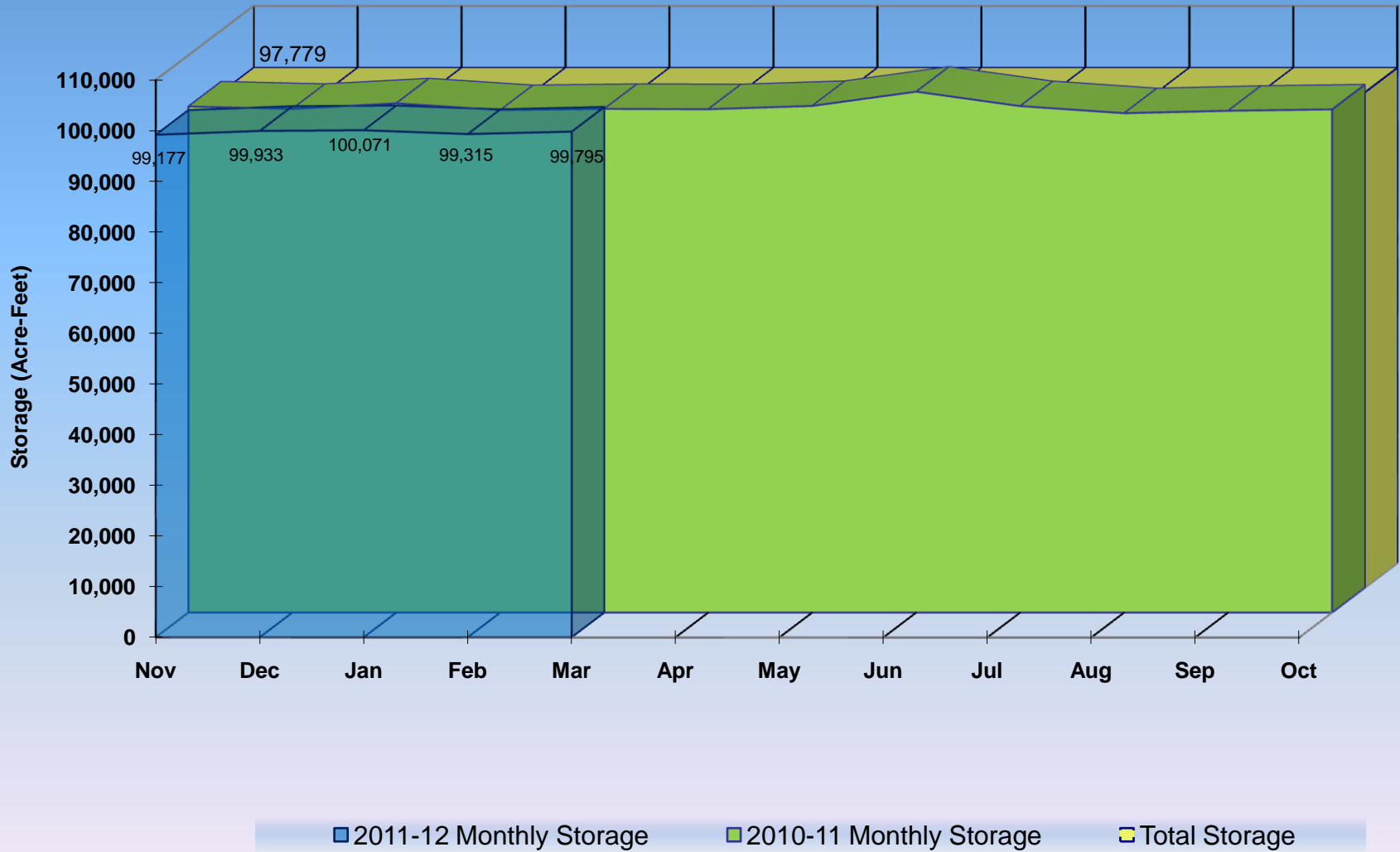
Cheesman Reservoir (District 80 - Municipal)



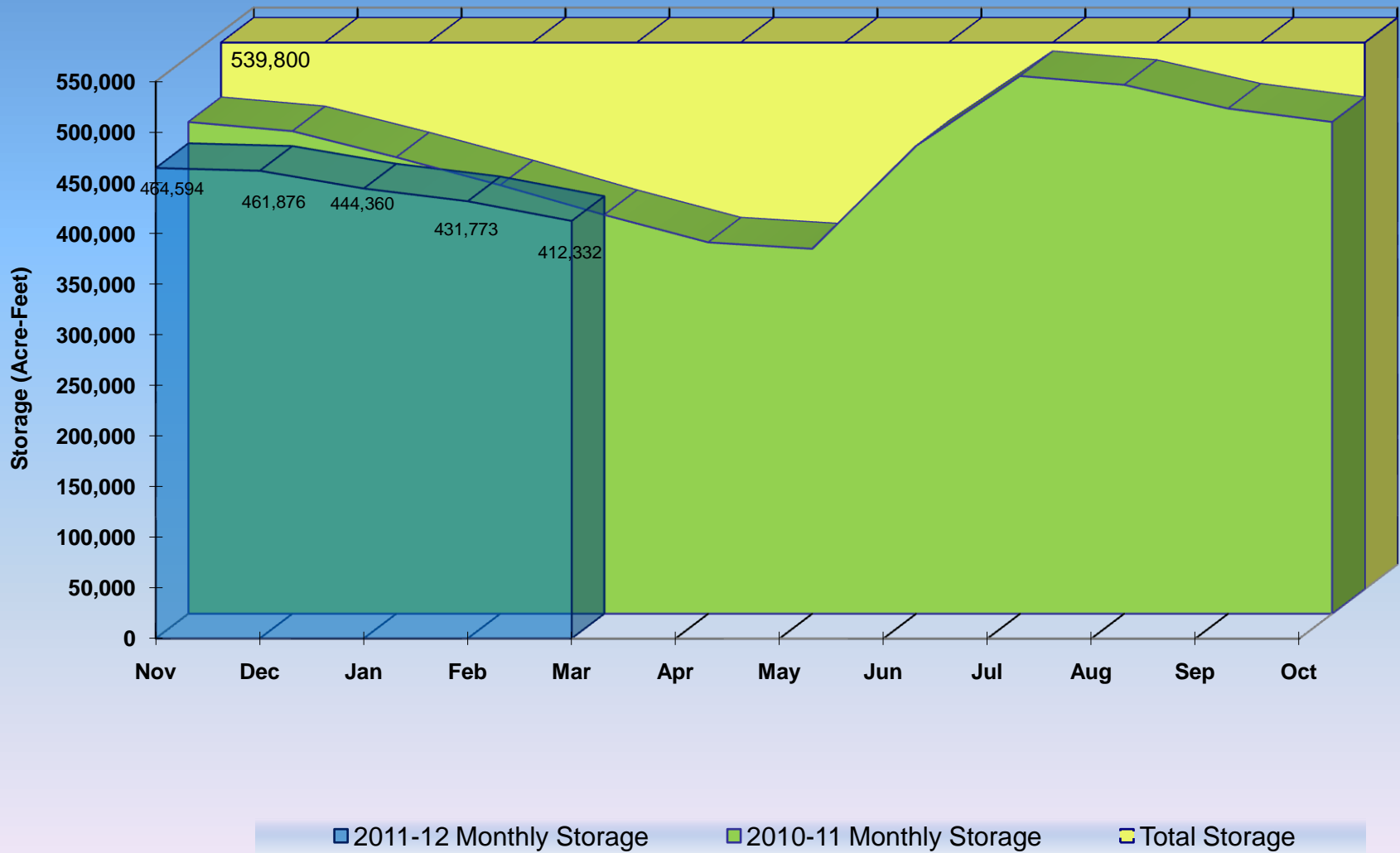
Spinney Mountain Reservoir (District 23 - Municipal)



Eleven Mile Reservoir (District 23 - Municipal)



Lake Granby



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

