

# South Platte Summary

March 2013

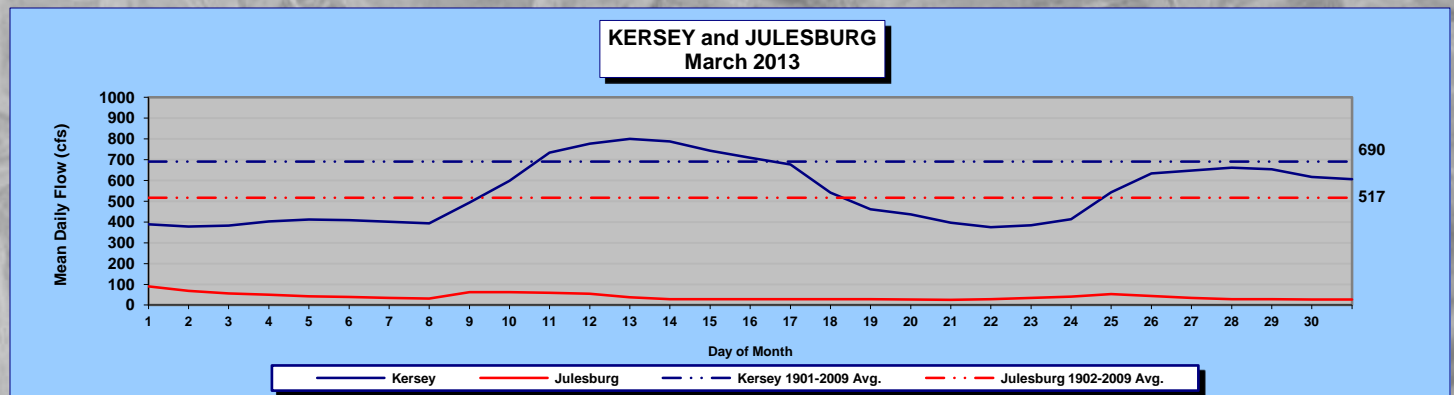
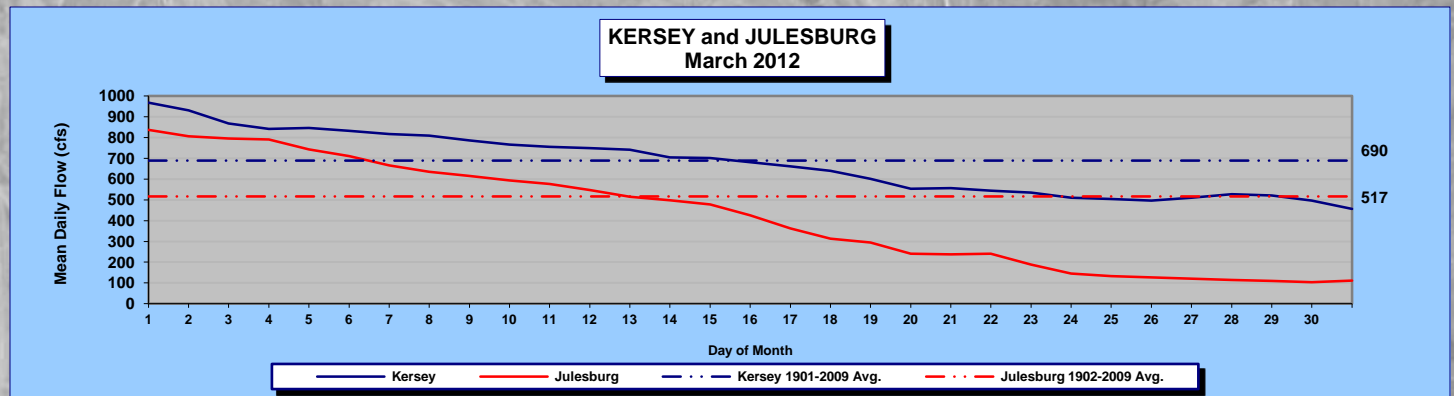


# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

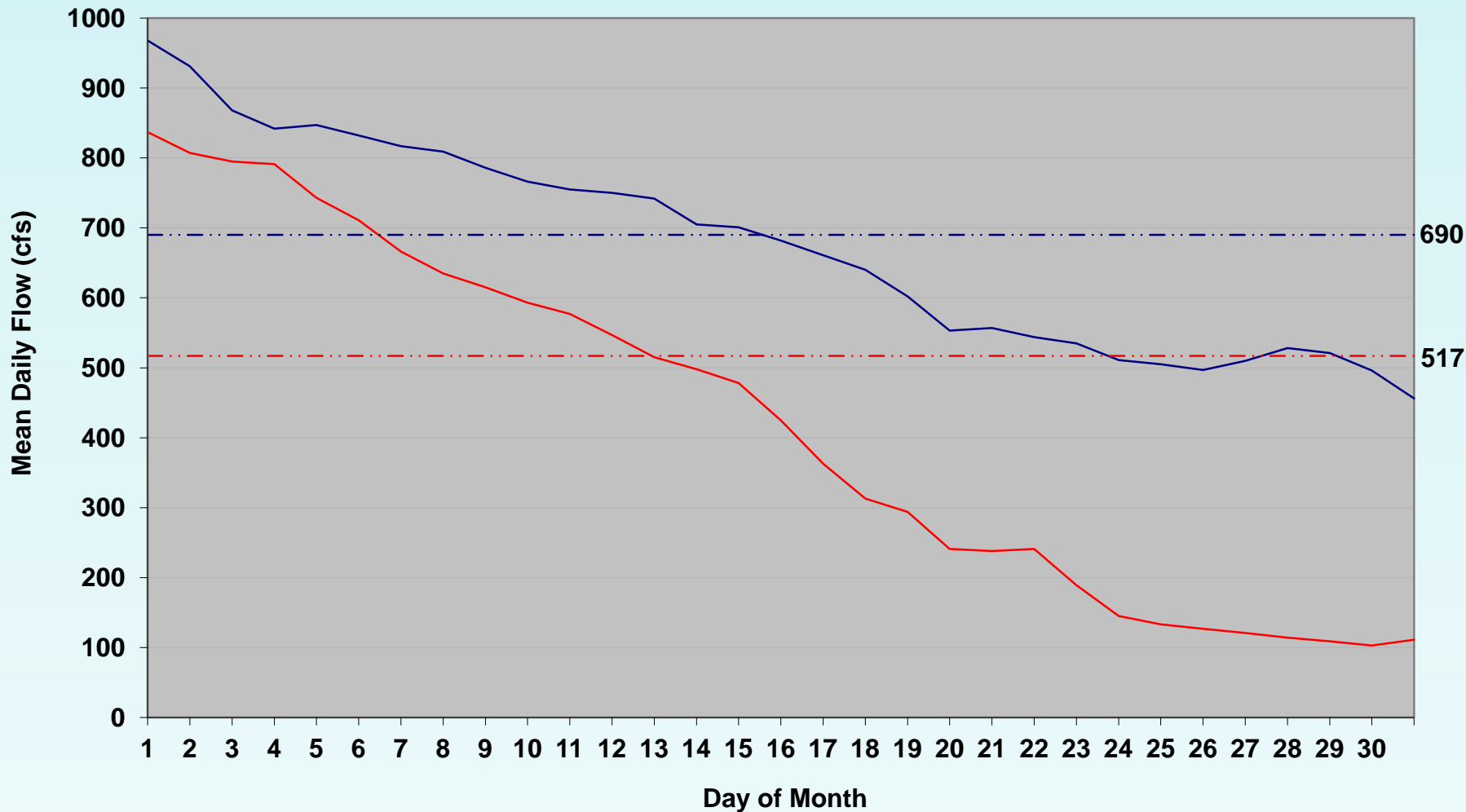
## MONTH OF March 2013

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	17,732	22,666	64	4,934	28%	100%	100%	0
N STERLING	73,730	57,718	66,165	64	8,447	15%	90%	100%	0
PREWITT	28,500	9,832	22,096	64	12,264	125%	78%	100%	0
JACKSON	27,257	23,821	27,192	1	3,371	14%	100%	100%	0
EMPIRE	37,700	25,459	22,207	1	-3,252	-13%	59%	100%	0
RIVERSIDE	63,113	53,580	61,370	1	7,790	15%	97%	100%	0
BARR LAKE	32,152	15,061	18,954	2	3,893	26%	59%	89%	0
CHEESMAN	79,064	44,676	46,394	80	1,718	4%	59%	85%	0
ELEVEN MILE	97,779	99,246	98,425	23	-821	-1%	100%	100%	646
SPINNEY	53,651	27,548	24,881	23	-2,667	-10%	46%	96%	0
ANTERO	20,015	15,116	15,310	23	194	1%	76%	80%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>544</b>
<b>JULESBURG</b>	<b>41</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>675</b>
<b>JULESBURG</b>	<b>422</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>690</b>
<b>JULESBURG</b>	<b>517</b>
* 1901-2011	
1902-2011	

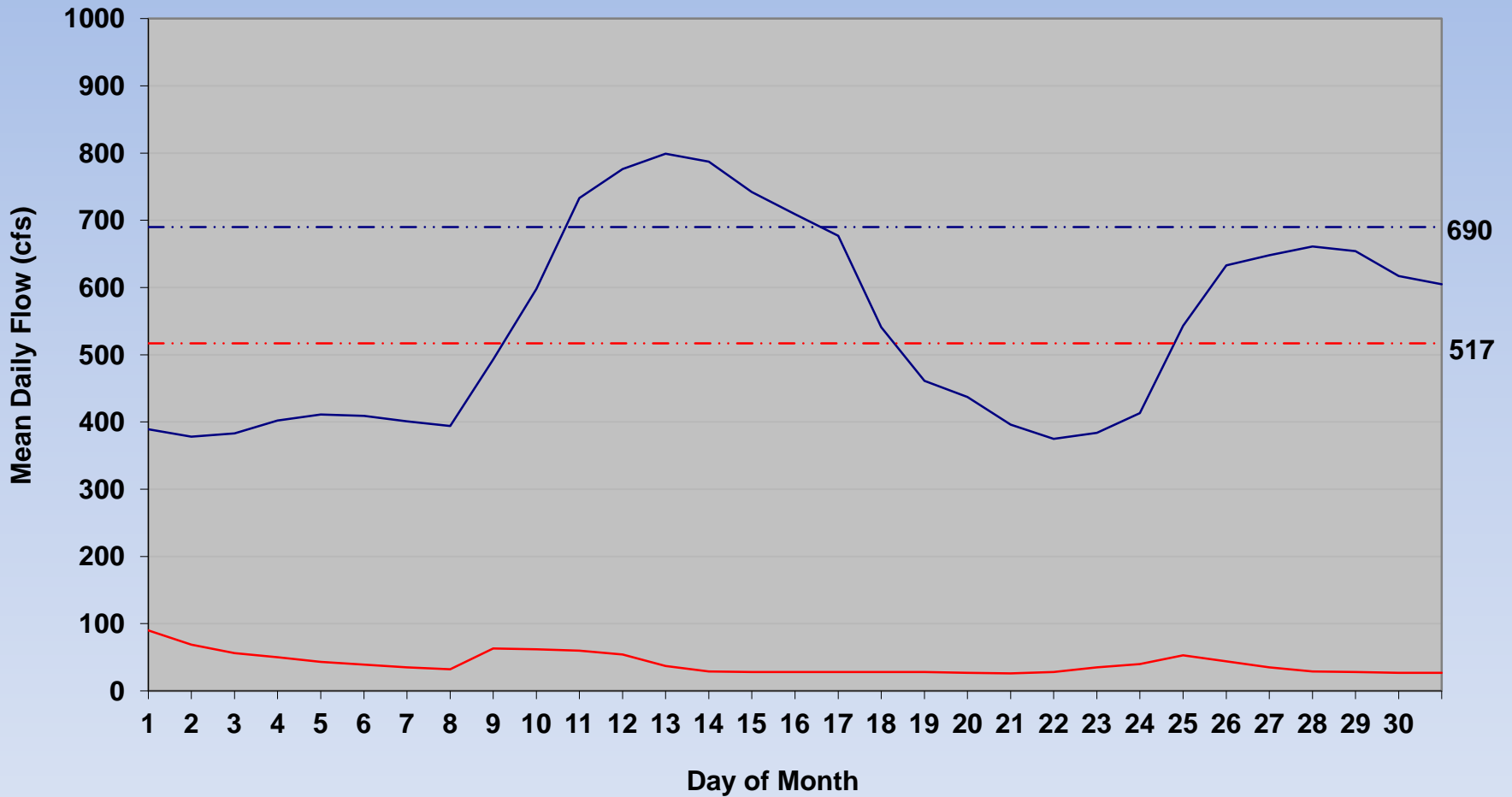


# KERSEY and JULESBURG March 2012



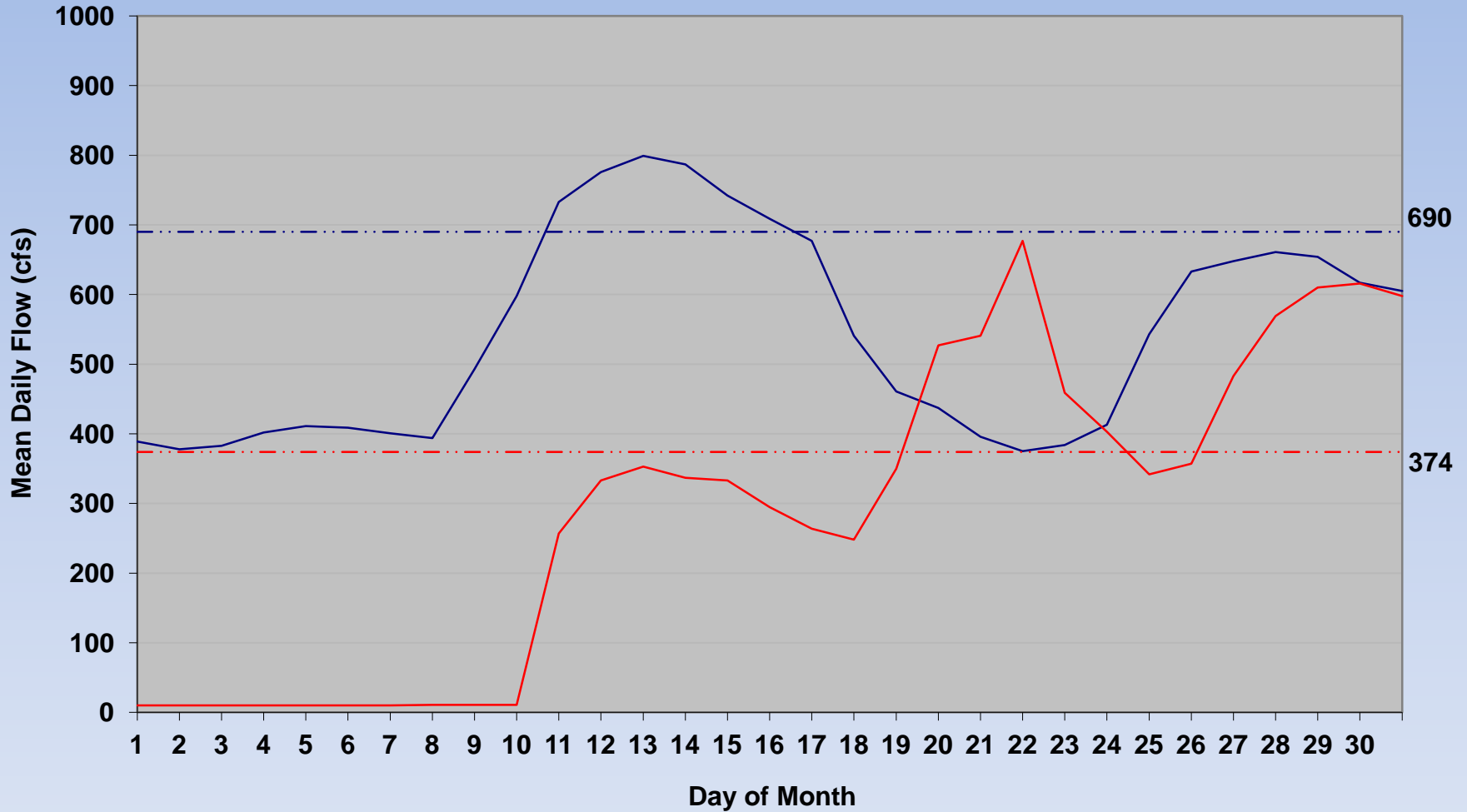
— Kersey — Julesburg — · · — Kersey 1901-2009 Avg. — · · · — Julesburg 1902-2009 Avg.

# KERSEY and JULESBURG March 2013



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

# KERSEY and BALZAC March 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

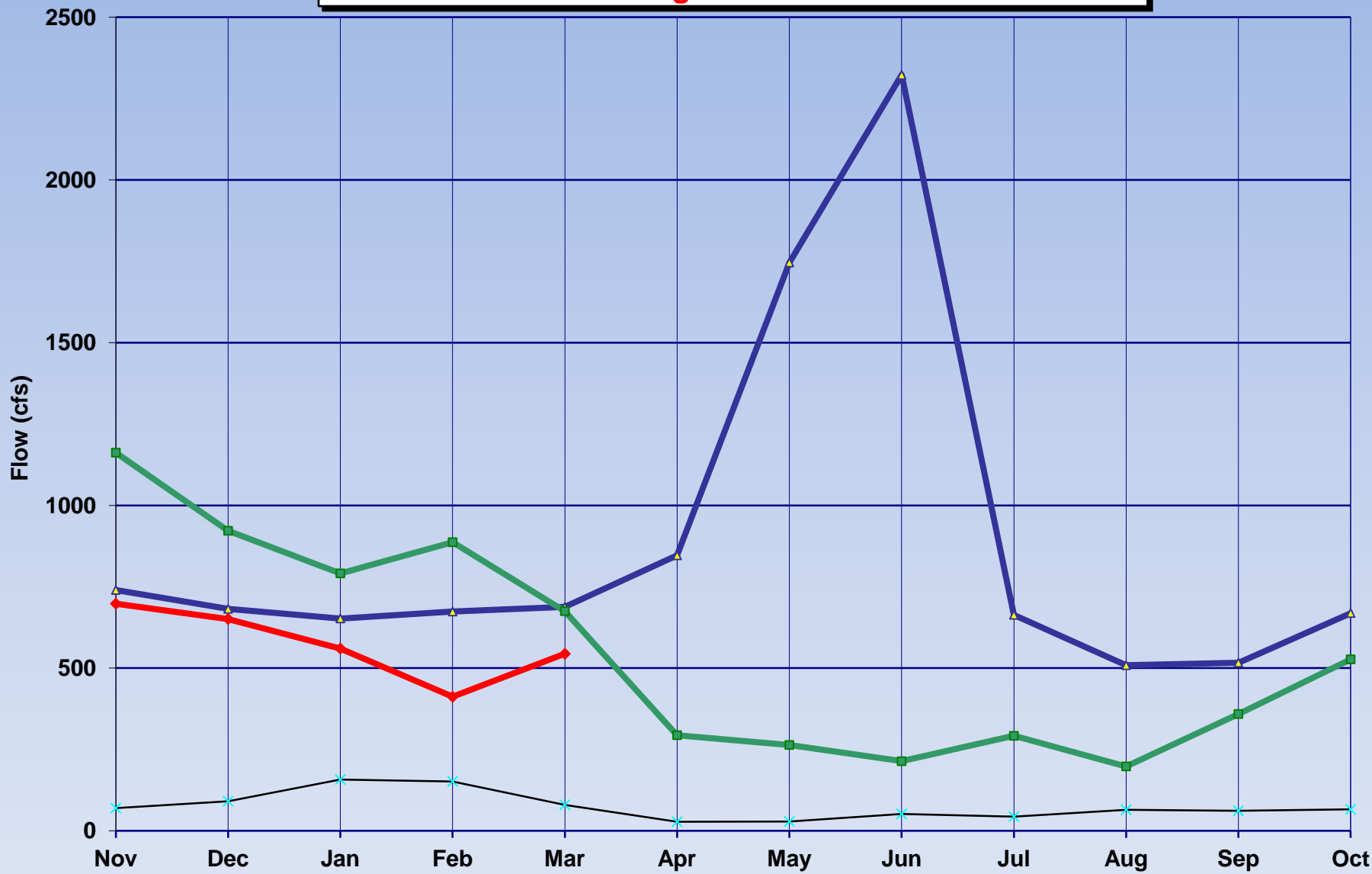
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2013 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2013 Mean Monthly Flow
Nov	740	3650	1984	70	1934	698	Nov	335	2900	1984	4.2	1903	46
Dec	682	1890	1961	91	1934	651	Dec	397	1820	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		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	669	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

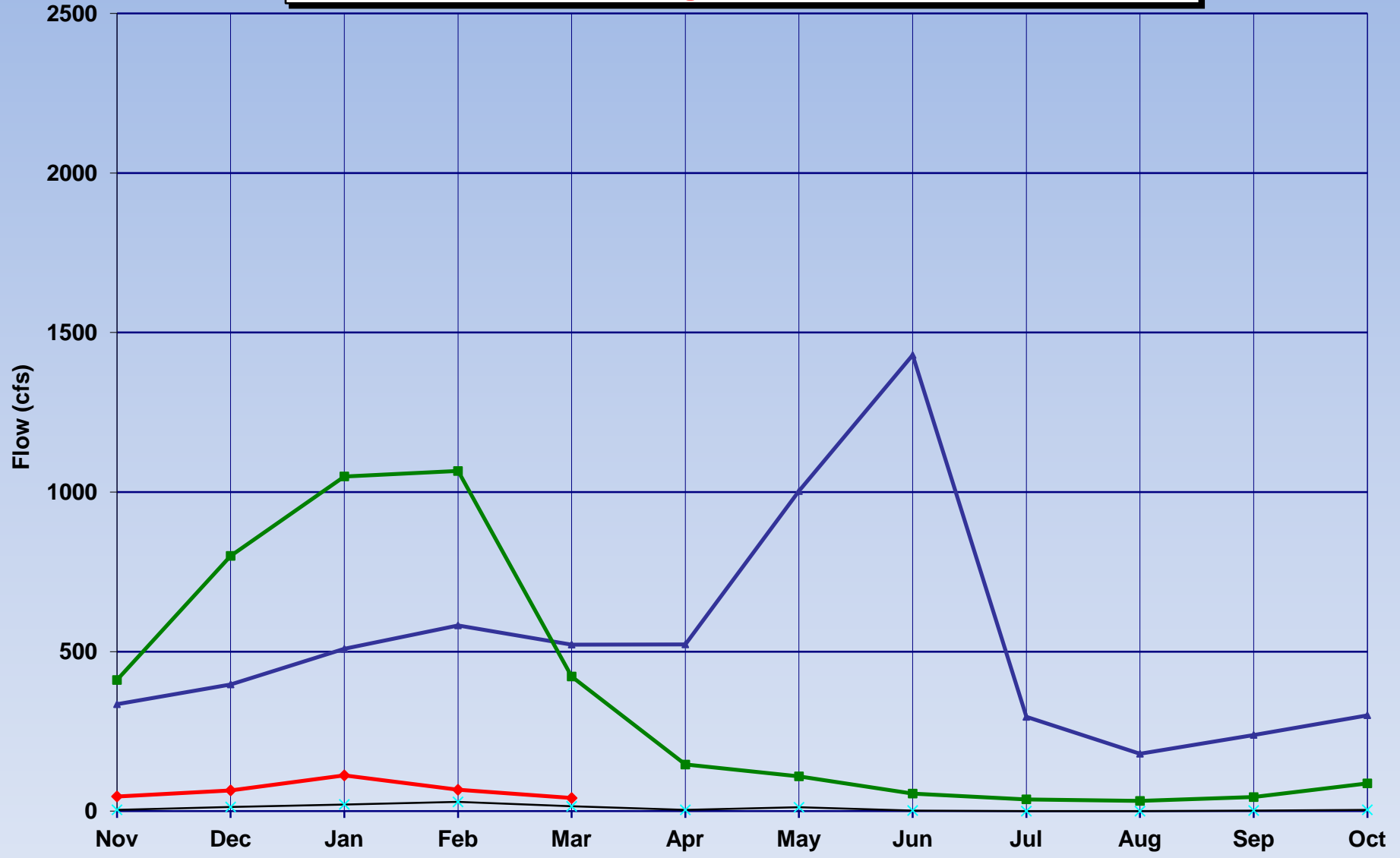


Historic\* Mean Flow    Historic\* Min Flow    2012-2013 Mean Flow    2011-2012 Mean Flow

\*1901-2011

# South Platte River at Julesburg

Irrigation Year

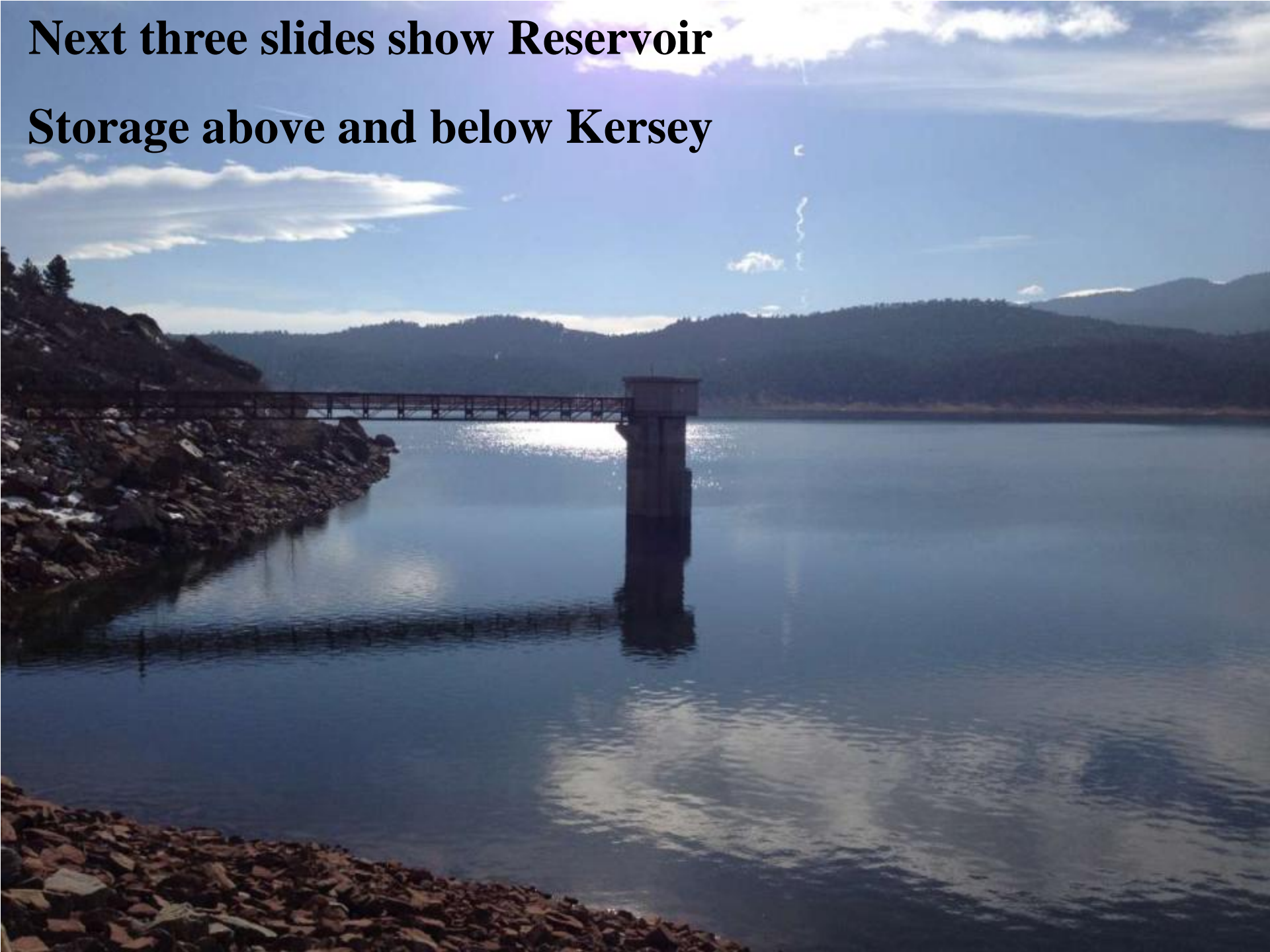


—▲— Historic\* Mean Flow    —\*— Historic\* Min Flow    —◆— 2012-2013 Mean Flow    —■— 2011-2012 Mean Flow

\*1902-2011

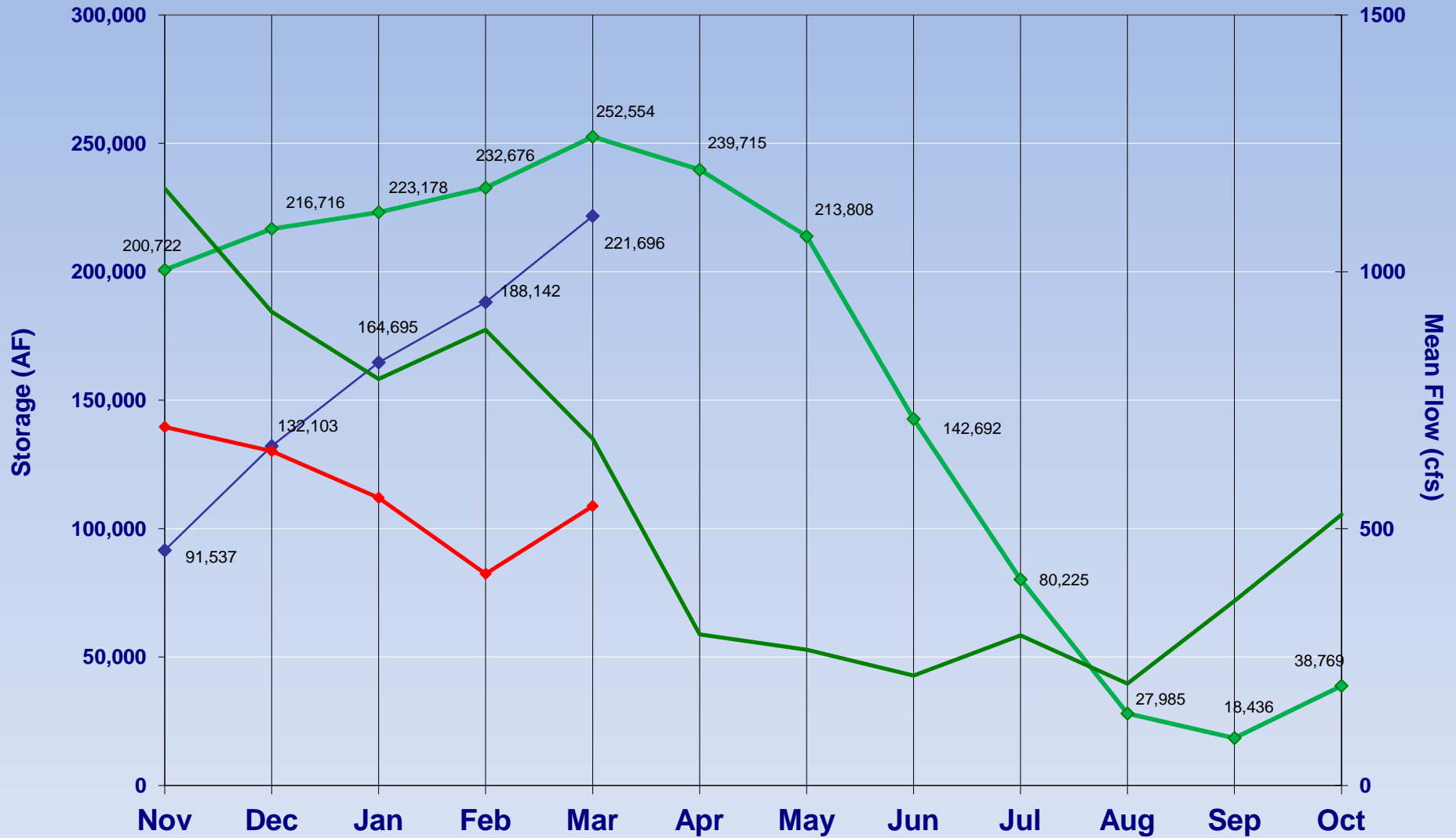


**Next three slides show Reservoir  
Storage above and below Kersey**



# Reservoir Storage below Kersey

Selected Reservoirs\*



2011-12 Monthly Storage

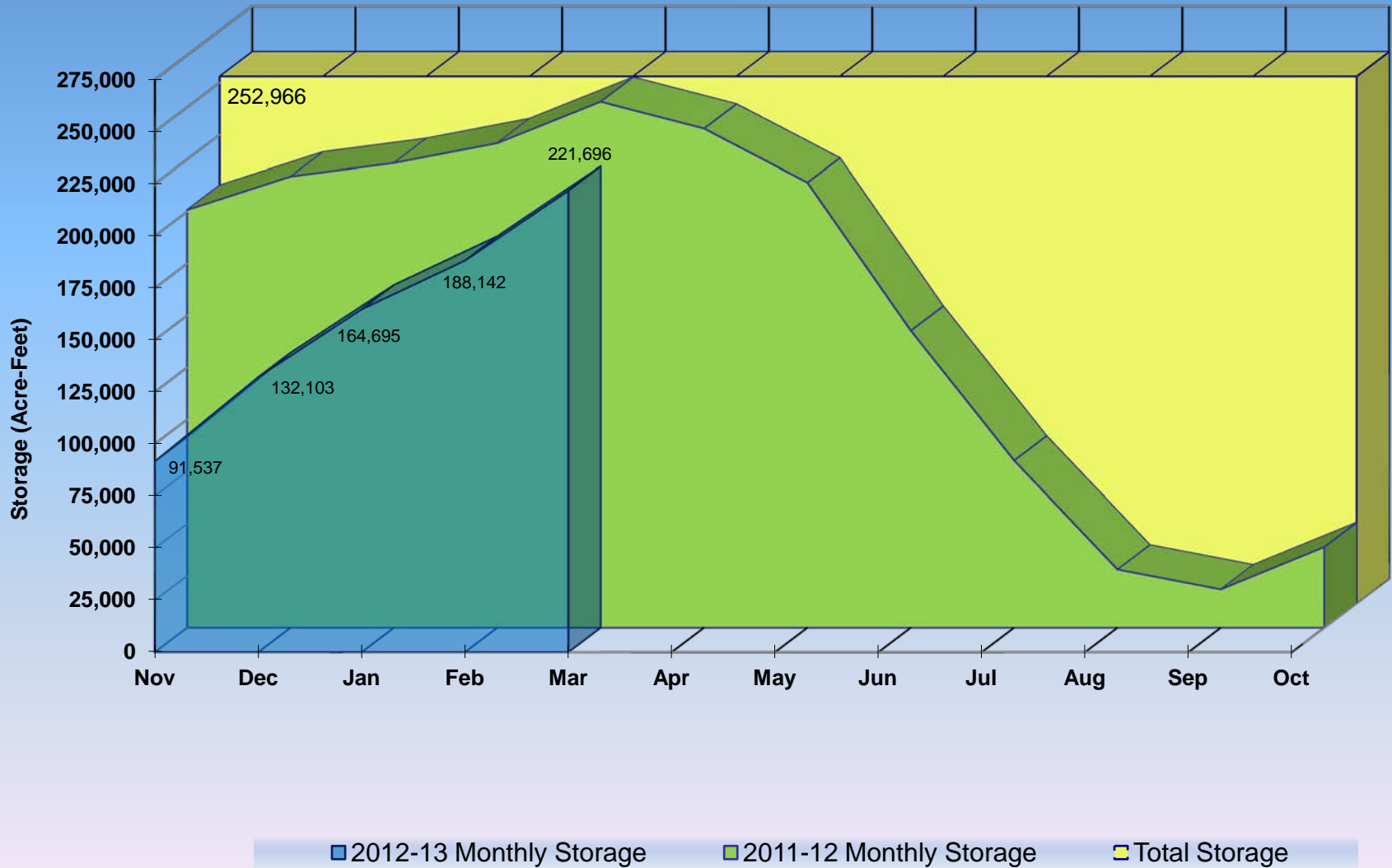
2012-13 Monthly Storage

Kersey 2011-12

Kersey 2012-13

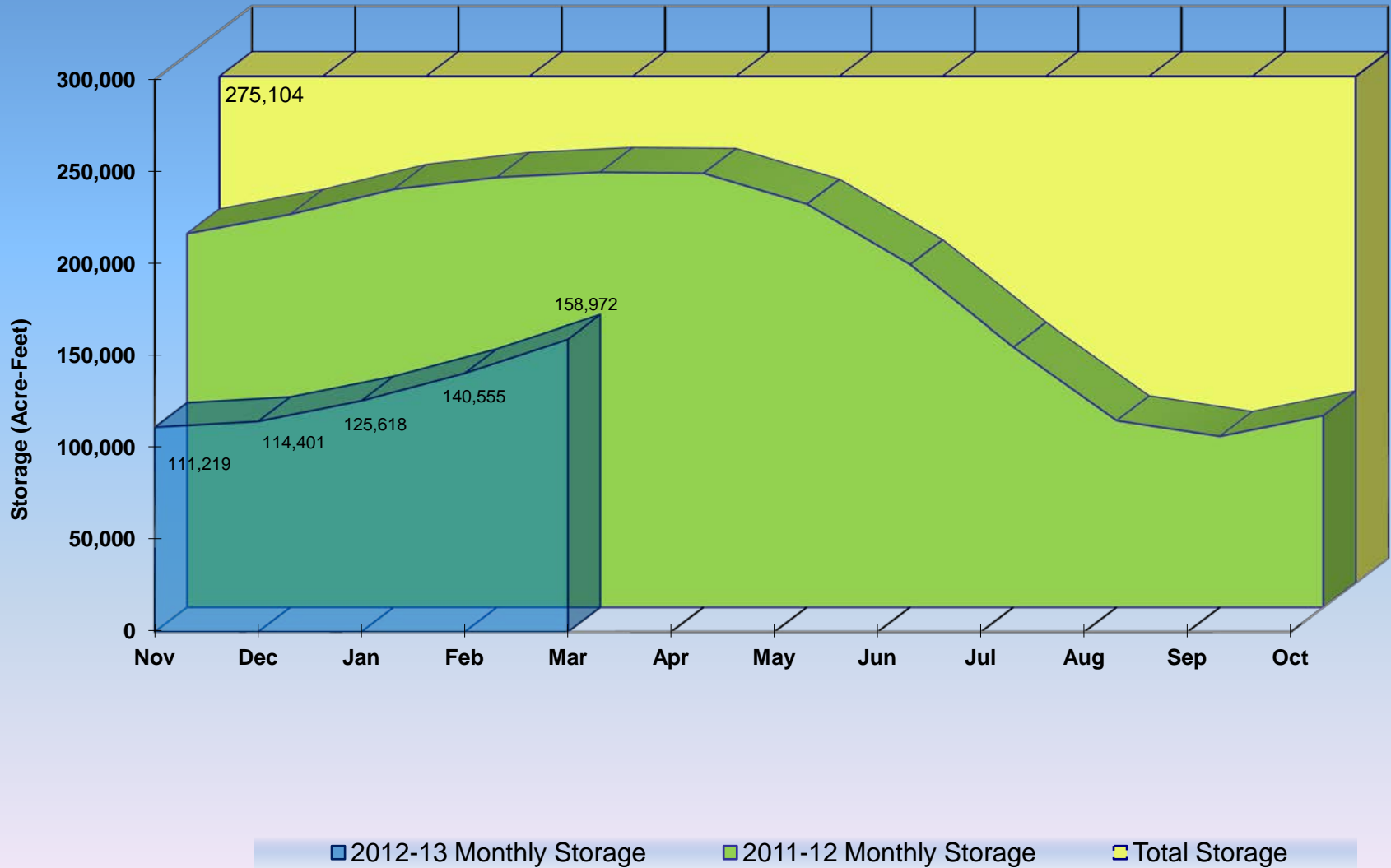
\*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

# 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



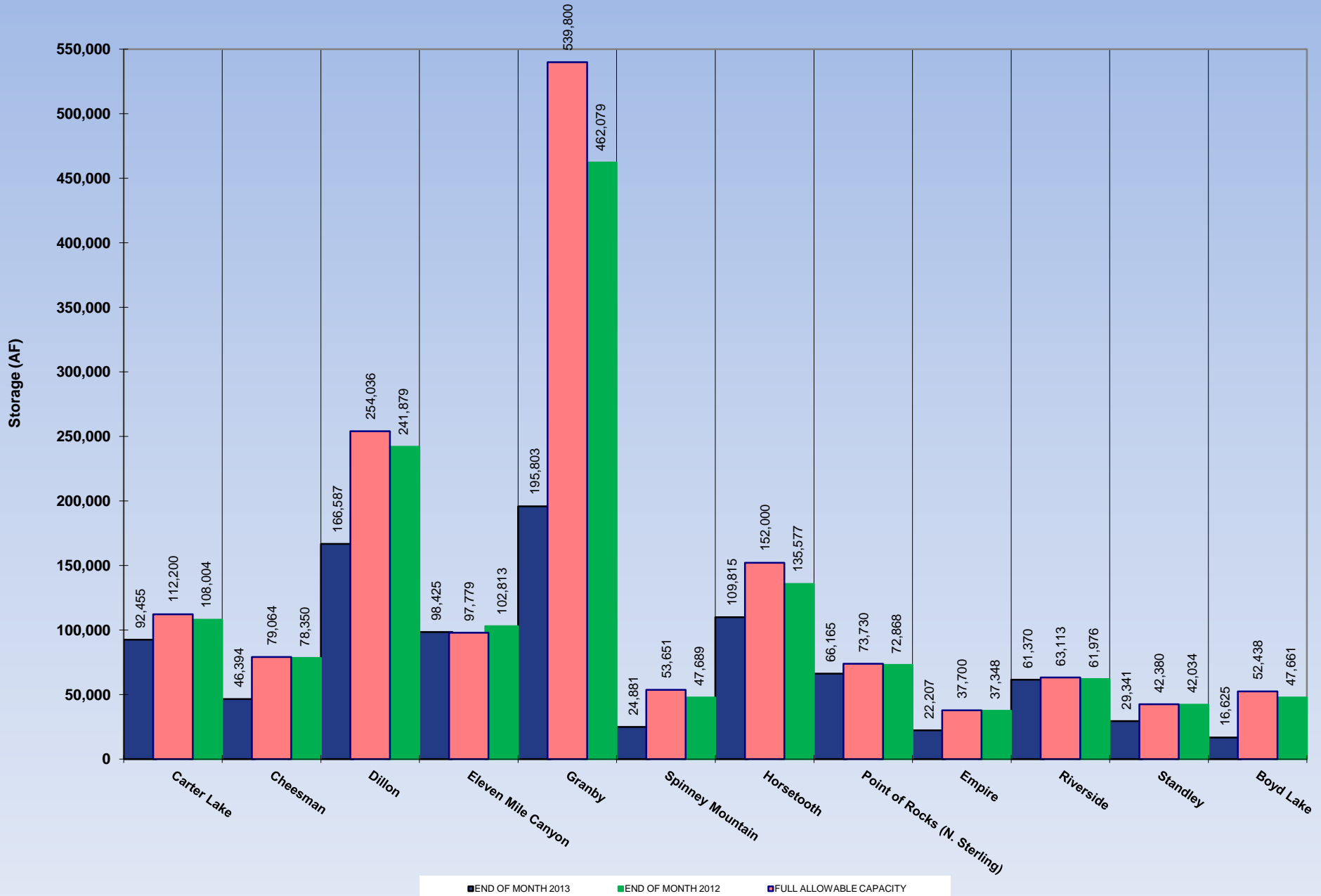
# Individual Reservoir Storage Follows



# March Reservoir Change in Storage 2012 versus 2013

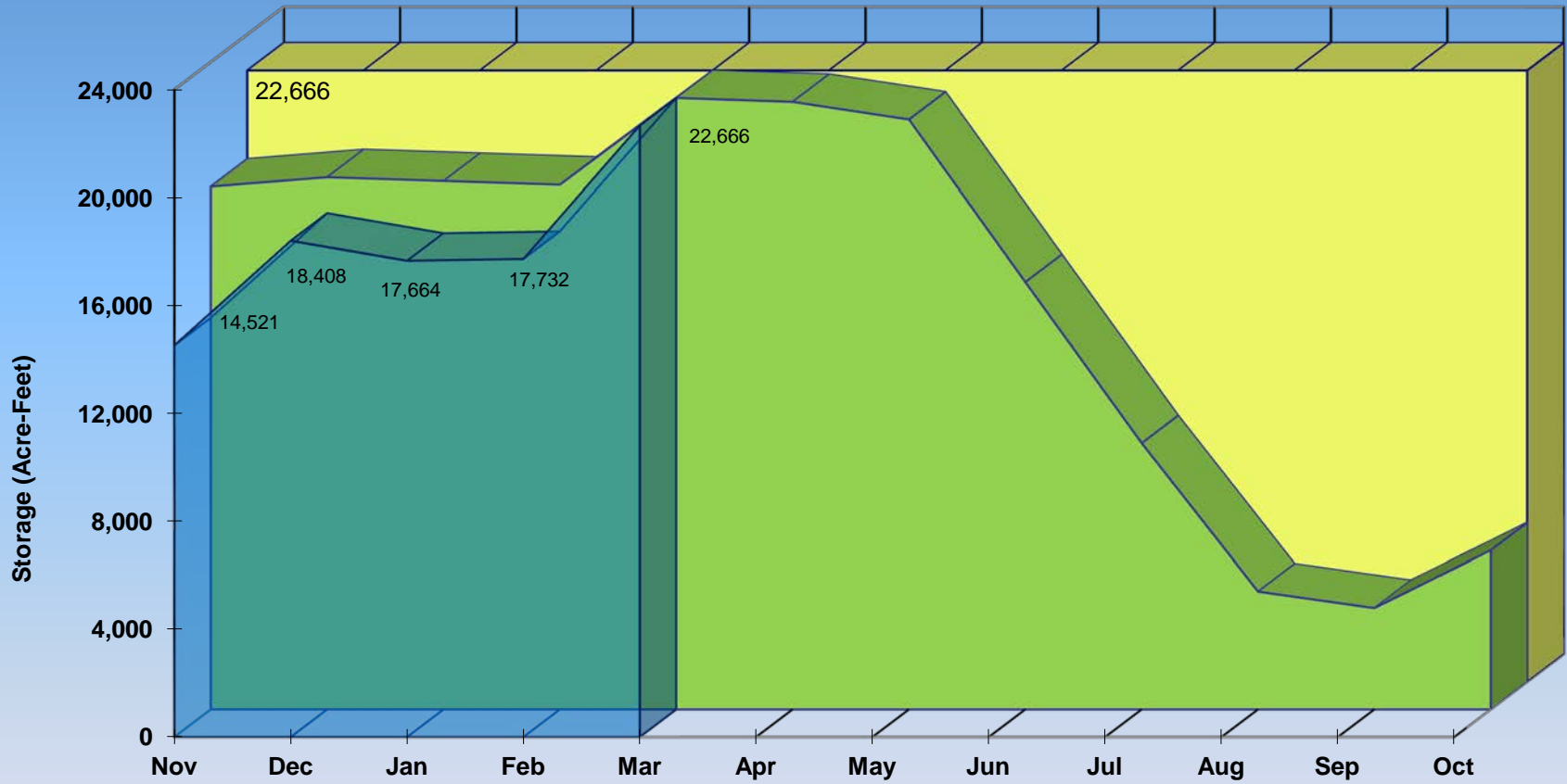


# March Reservoir Change in Storage 2012 versus 2013



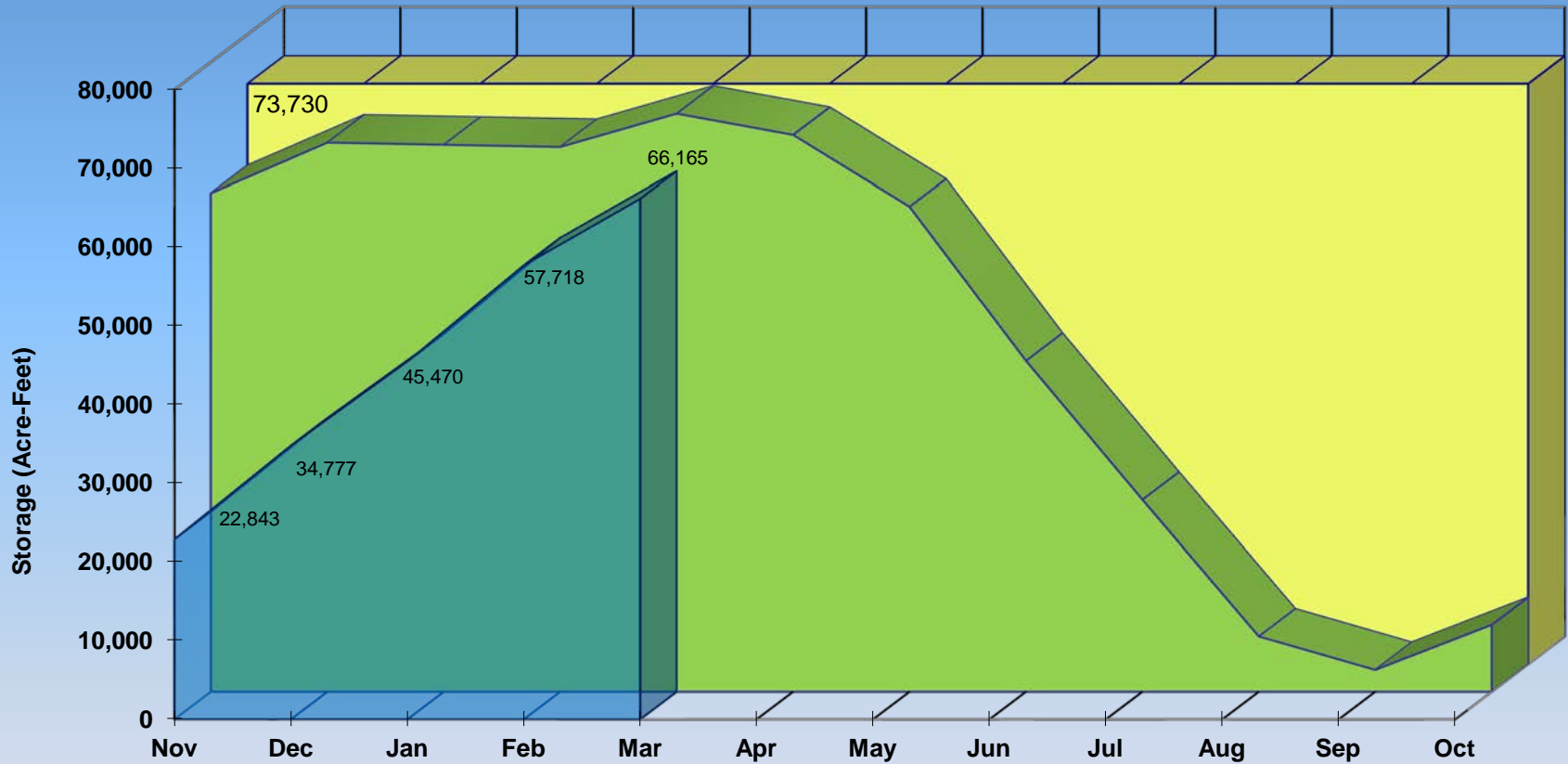


# Julesburg Reservoir (District 64 - Agricultural)



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

# North Sterling Reservoir (District 64- Agricultural)

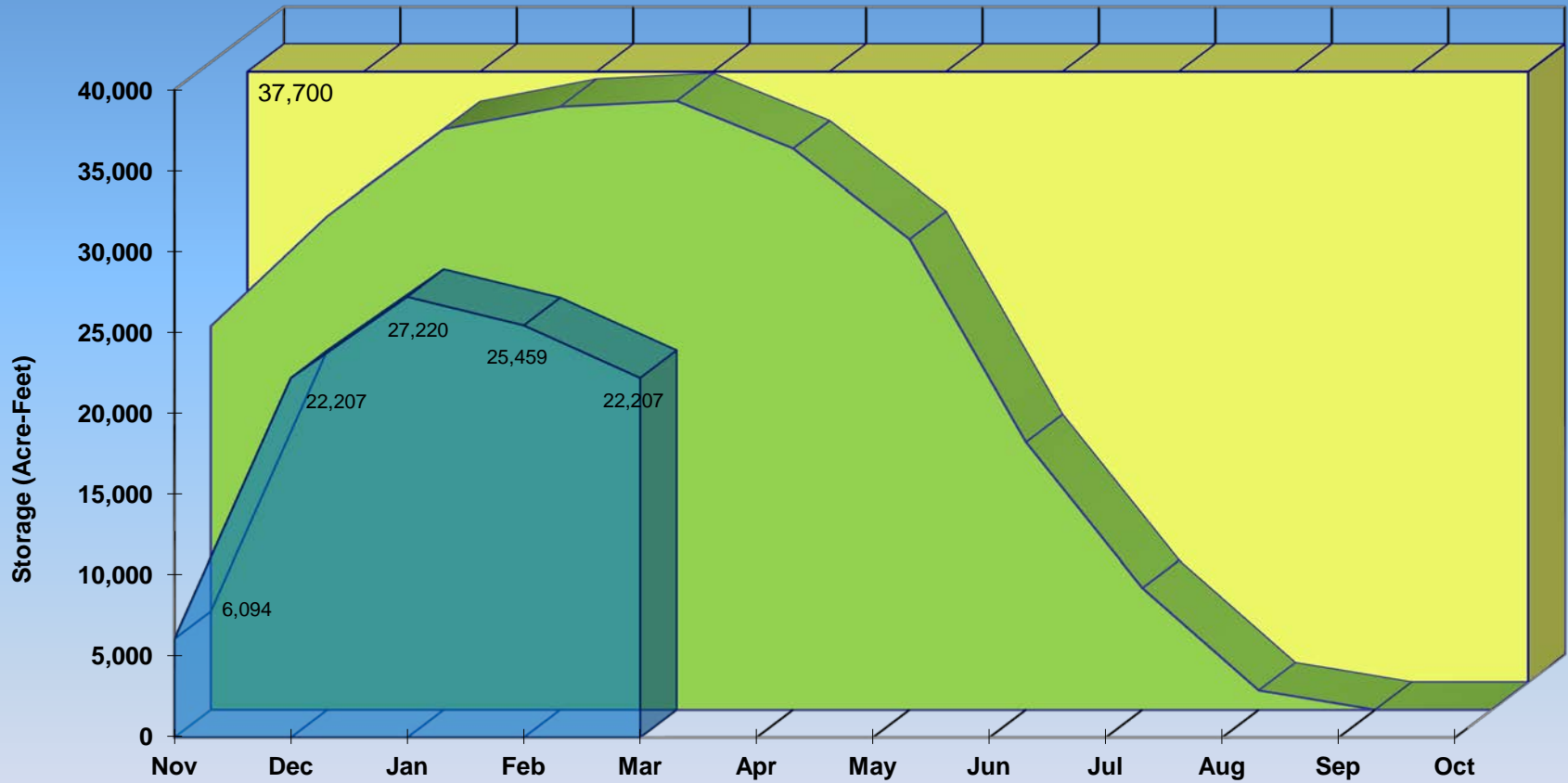


2012-13 Monthly Storage

2011-12 Monthly Storage

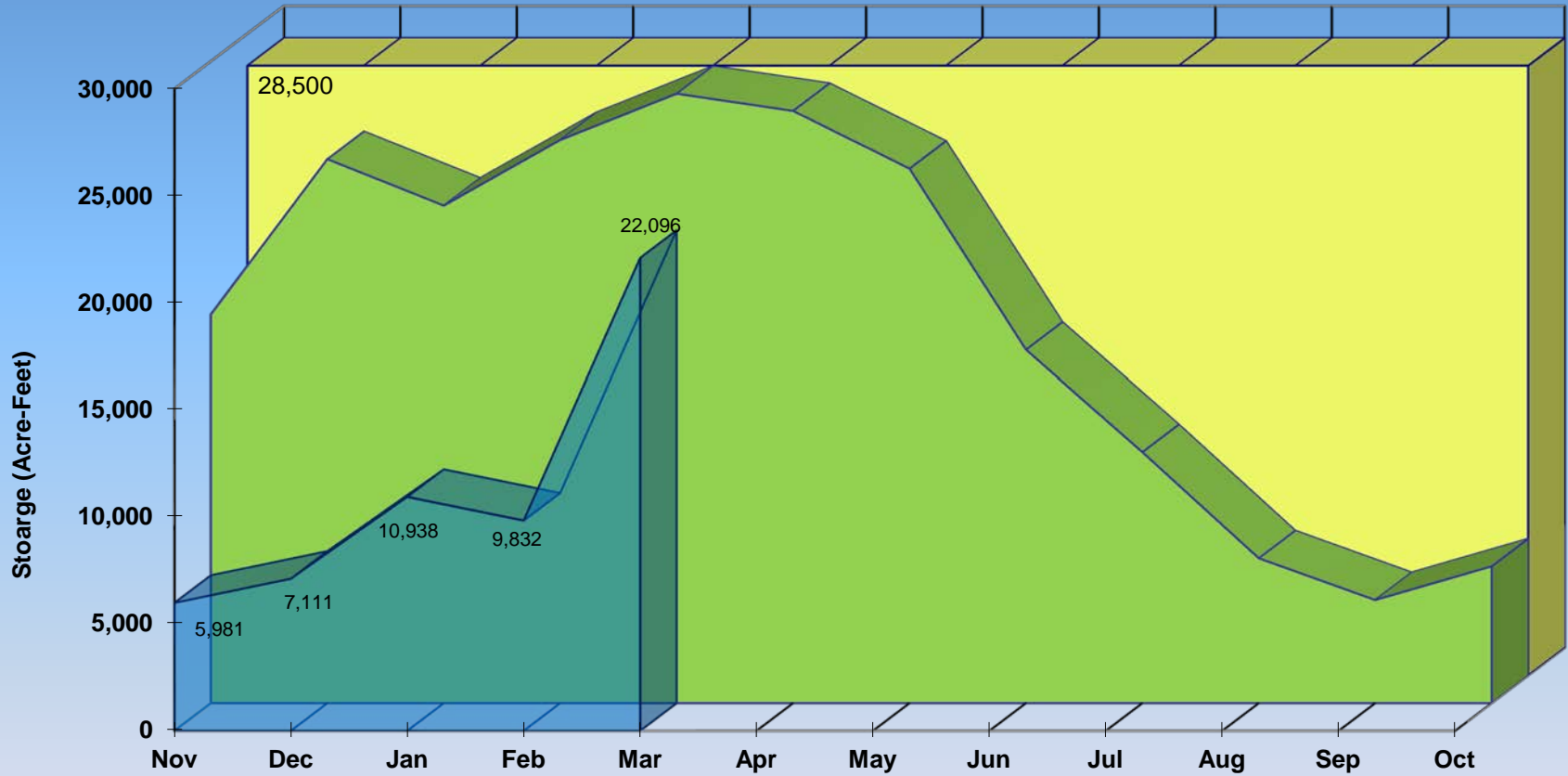
Total Storage

# Empire Reservoir (District 1- Agricultural)



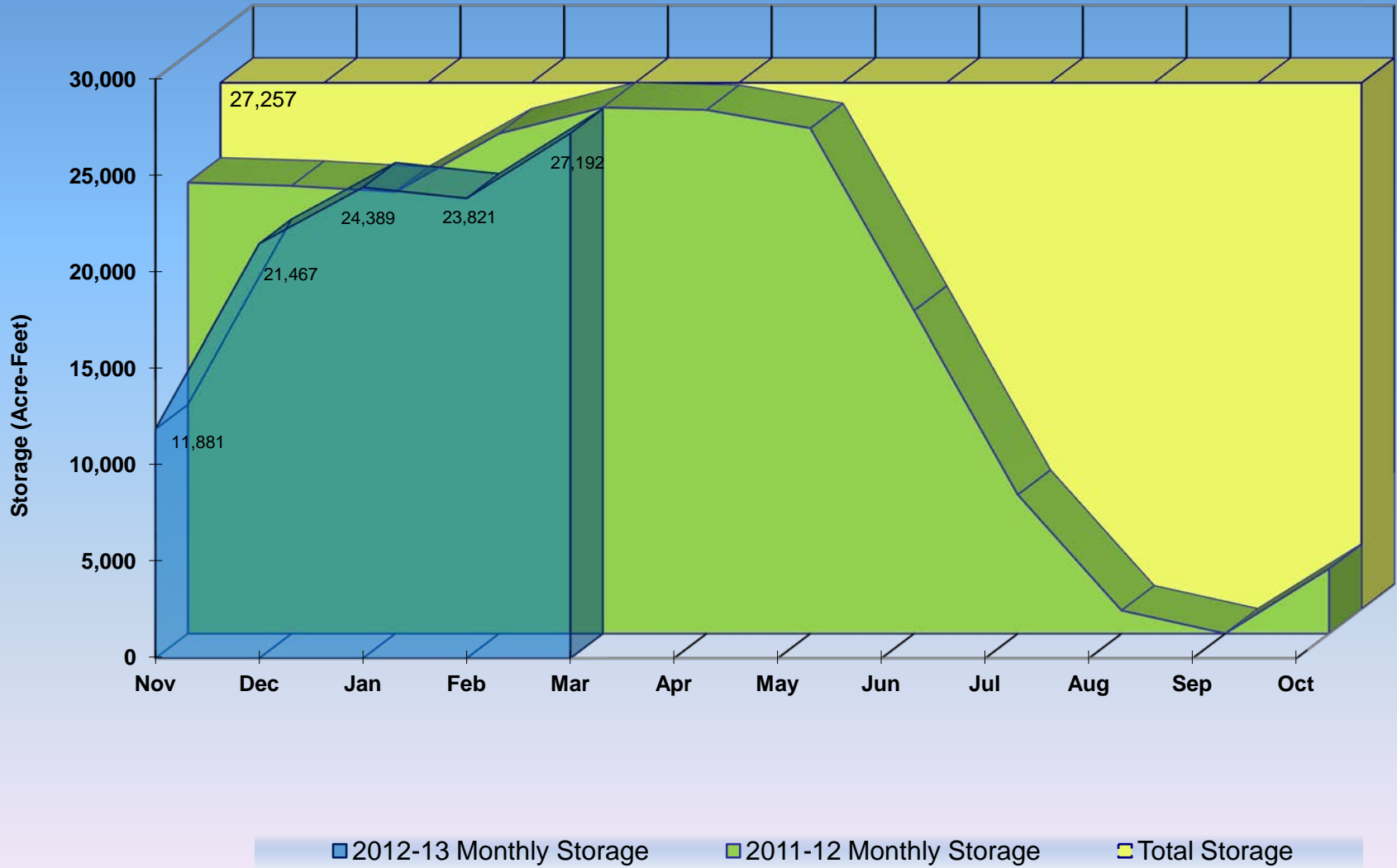
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Prewitt Reservoir (District 64- Agricultural)

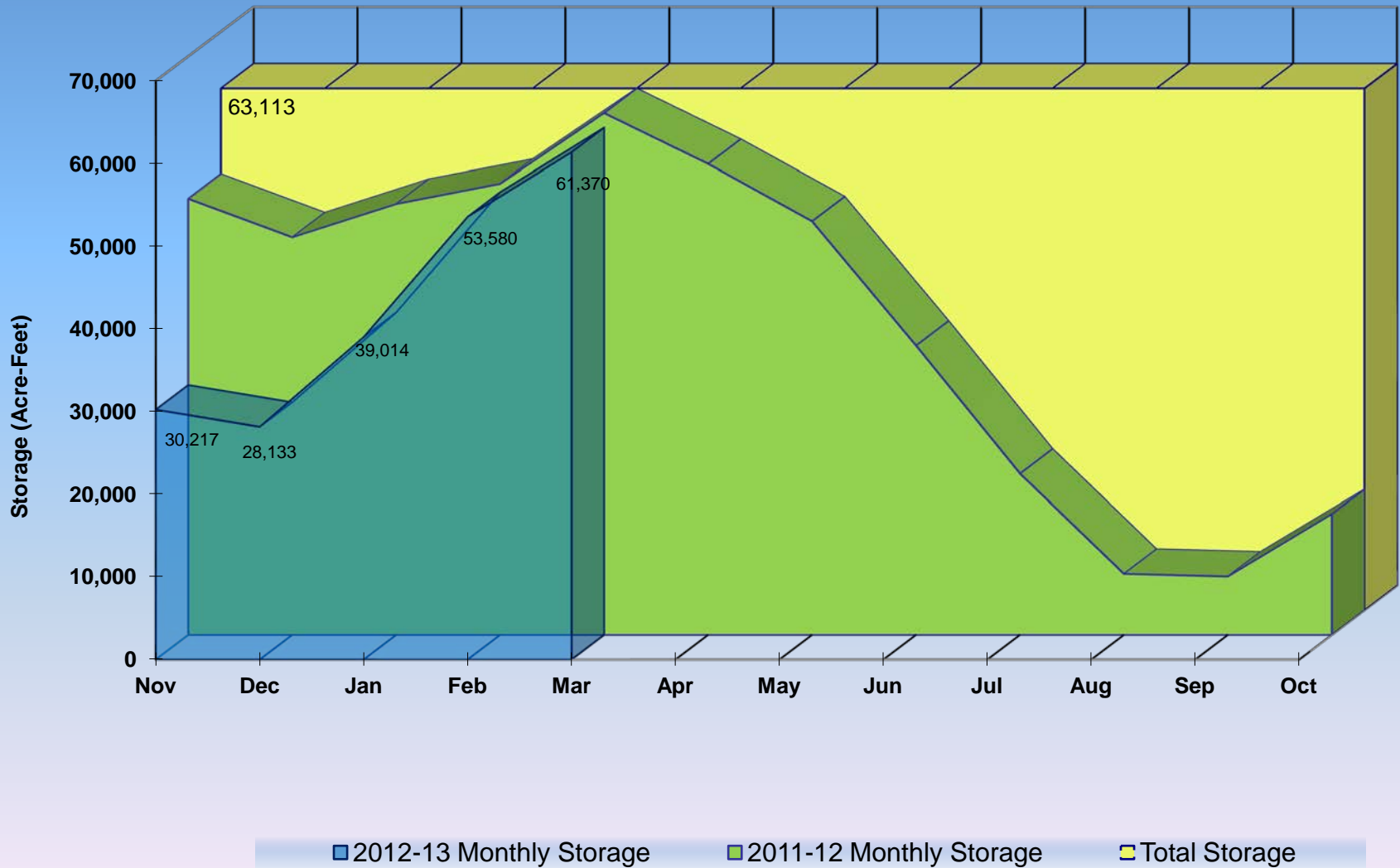


■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Jackson Reservoir (District 1- Agricultural)

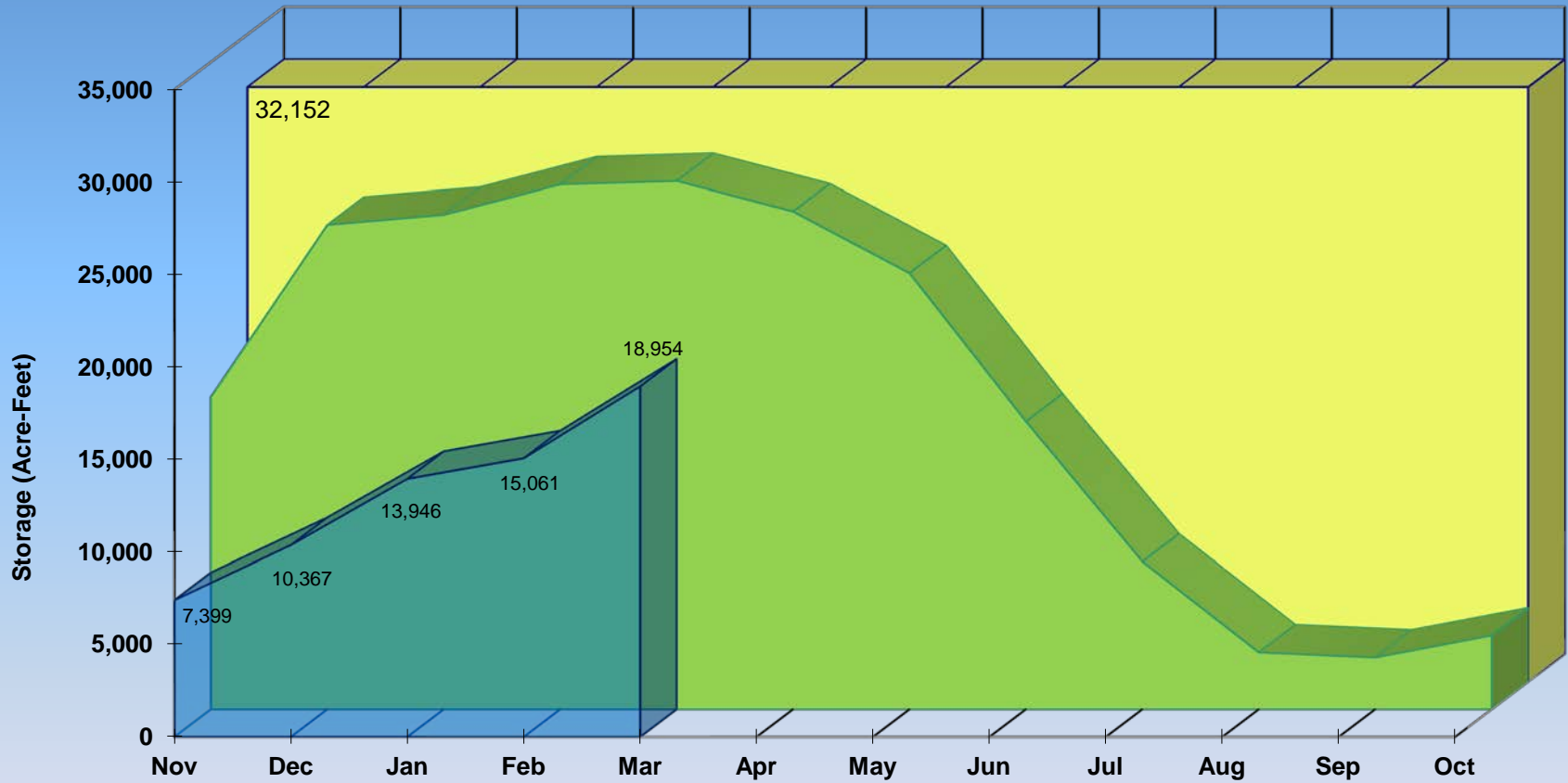


# Riverside Reservoir (District 1 - Agricultural)



# Barr Lake

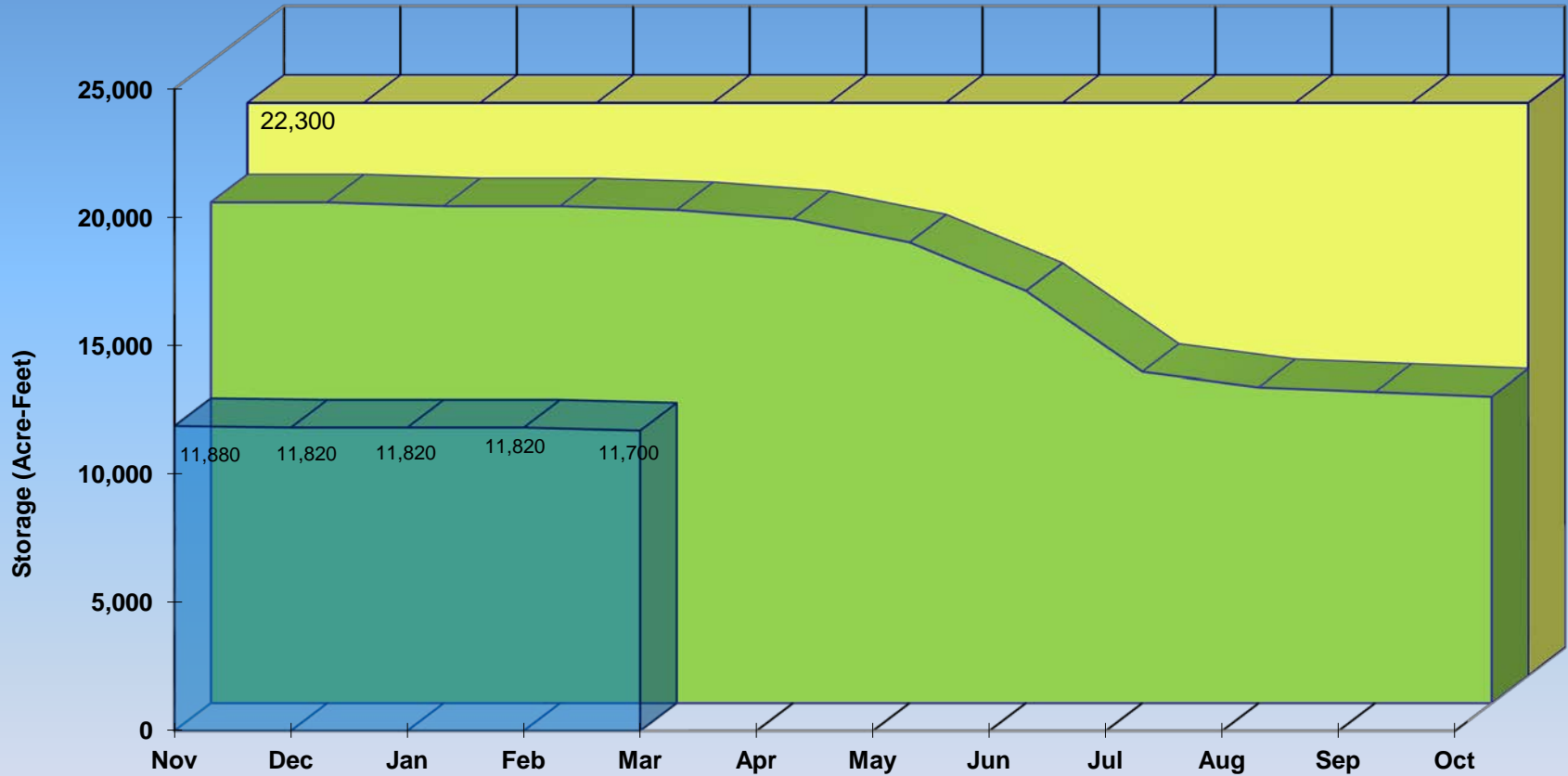
(District 2 - Agricultural)



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

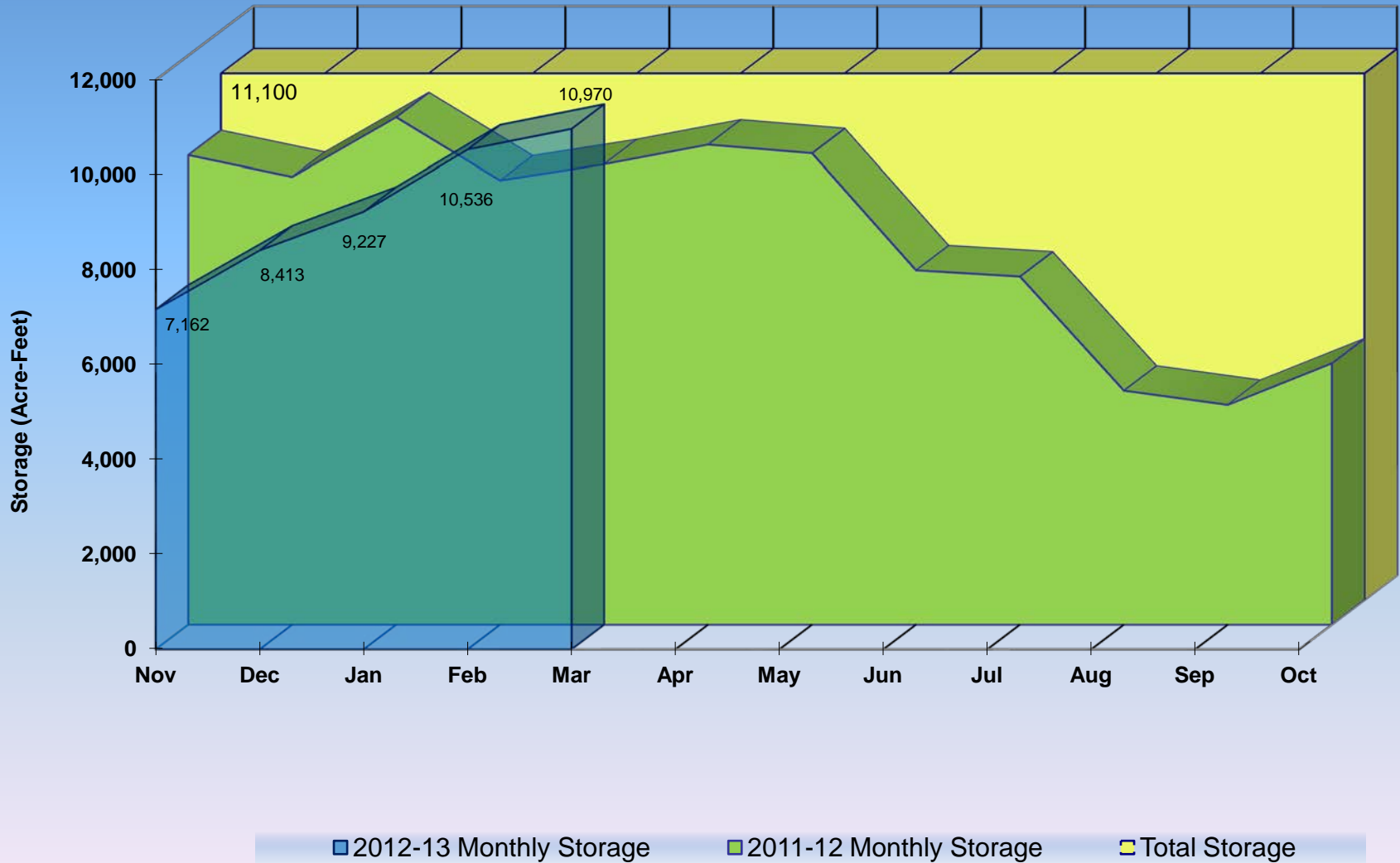


# Cobb Lake (District 3, Poudre River - Agricultural)

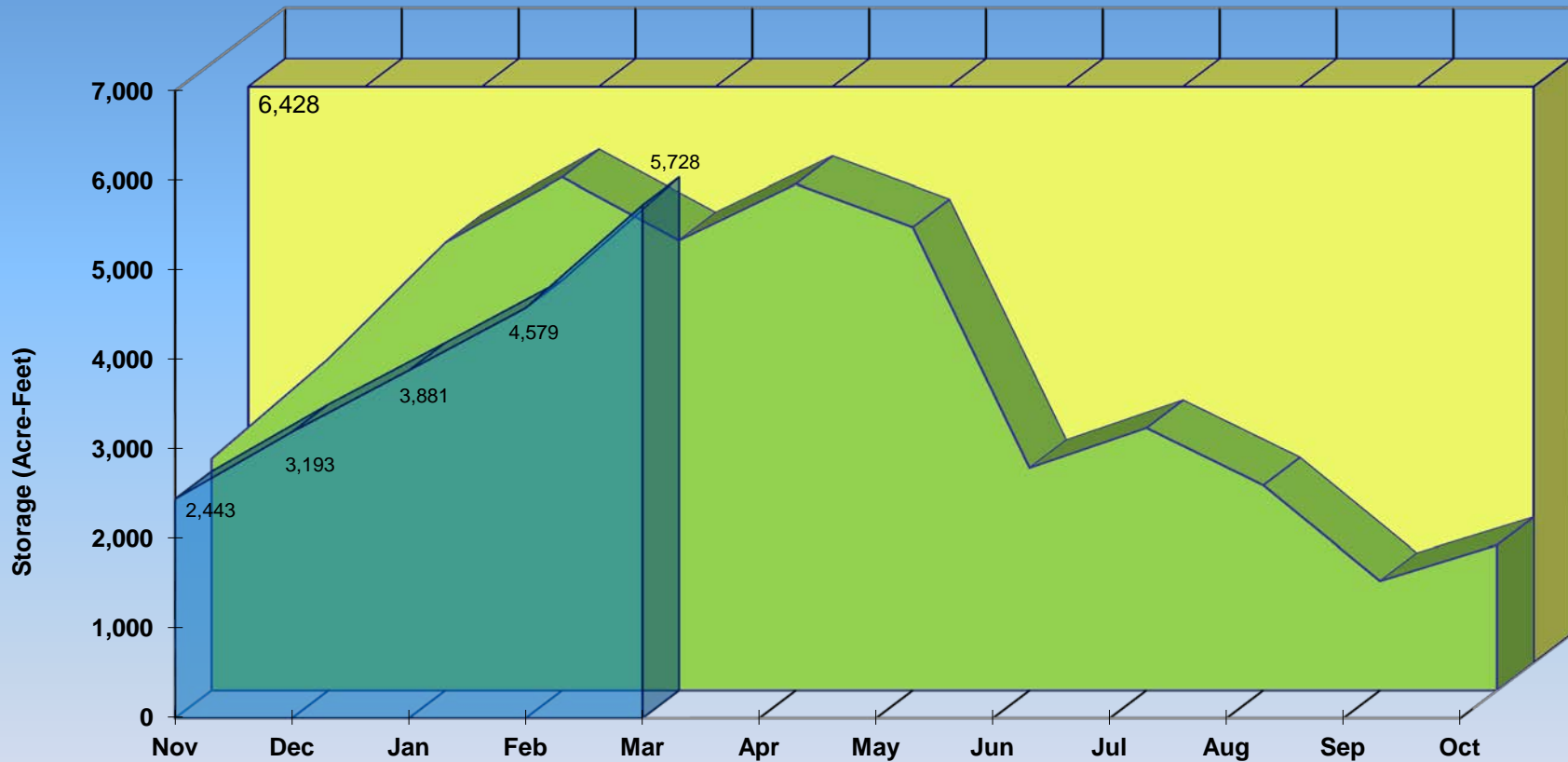


■ 2012-13 Monthly Storage     
 ■ 2011-12 Monthly Storage     
 ■ Total Storage

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



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

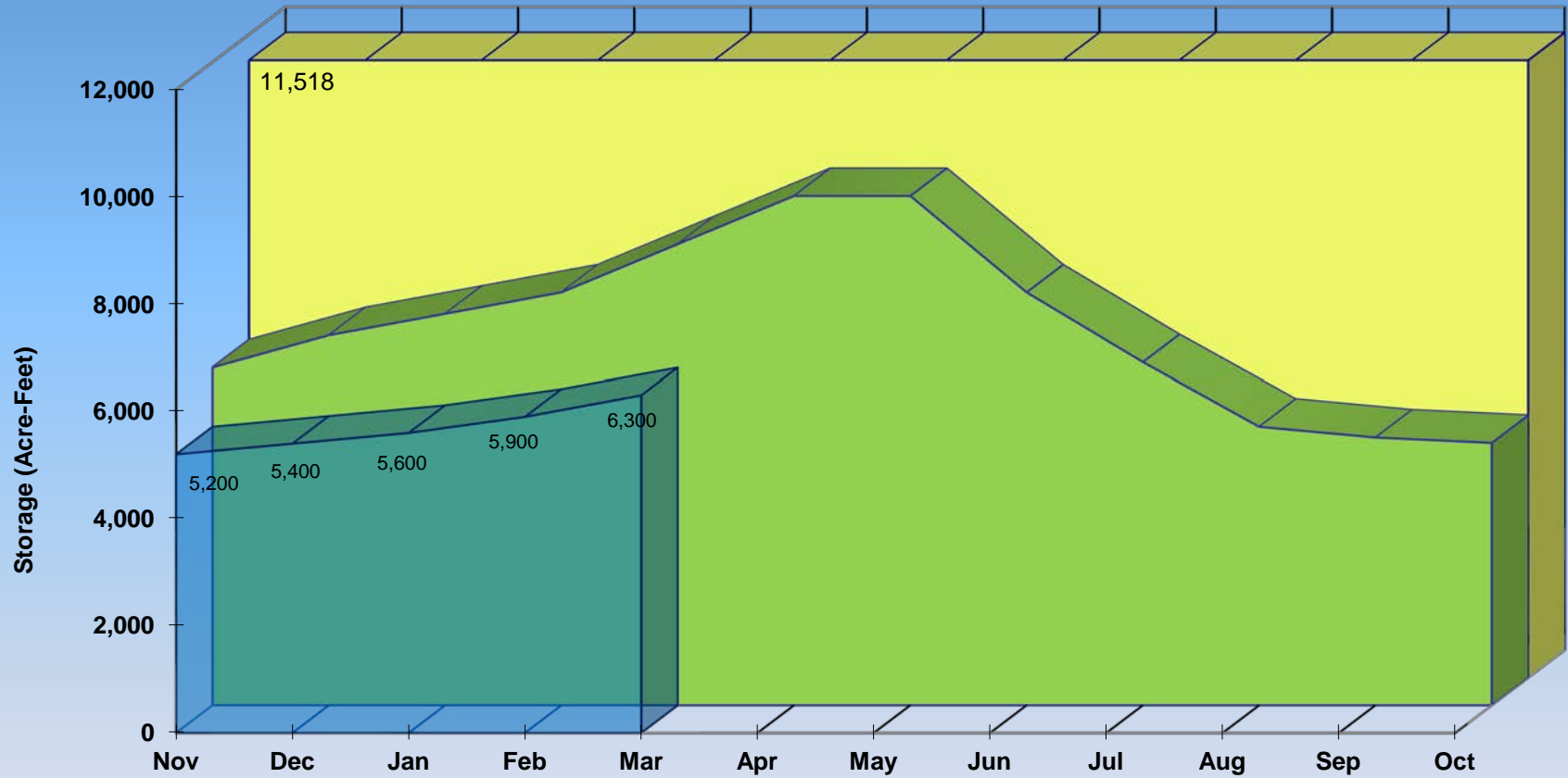


2012-13 Monthly Storage

2011-12 Monthly Storage

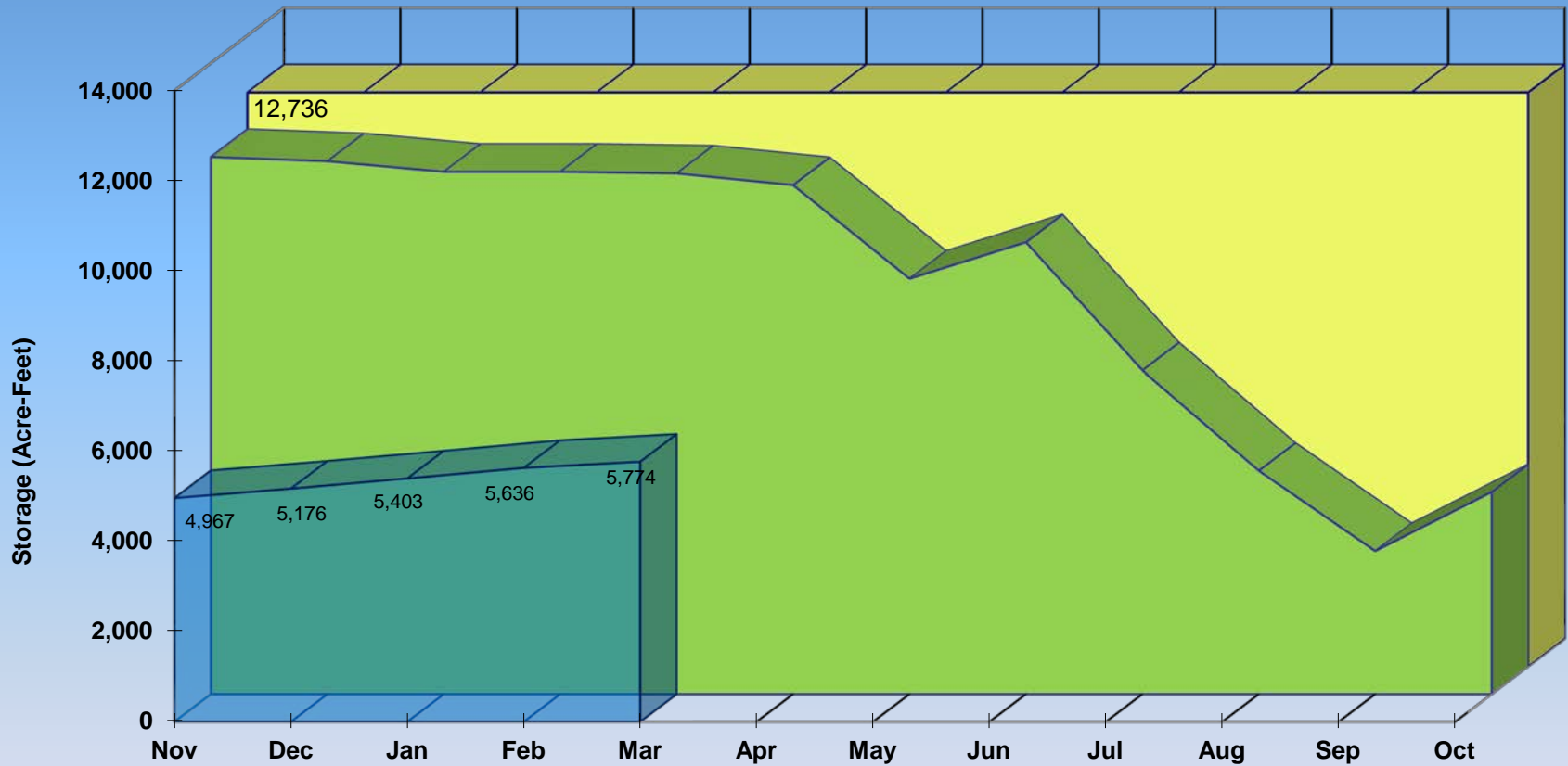
Total Storage

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



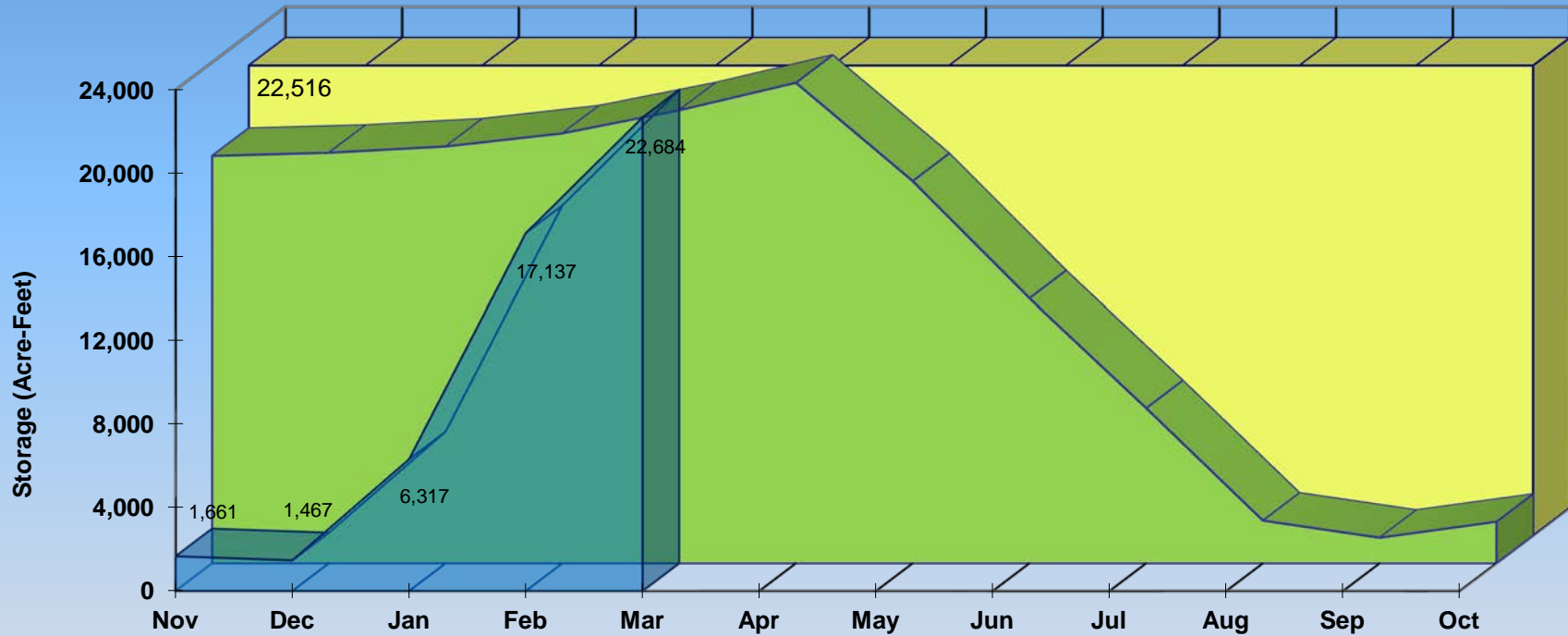
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

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



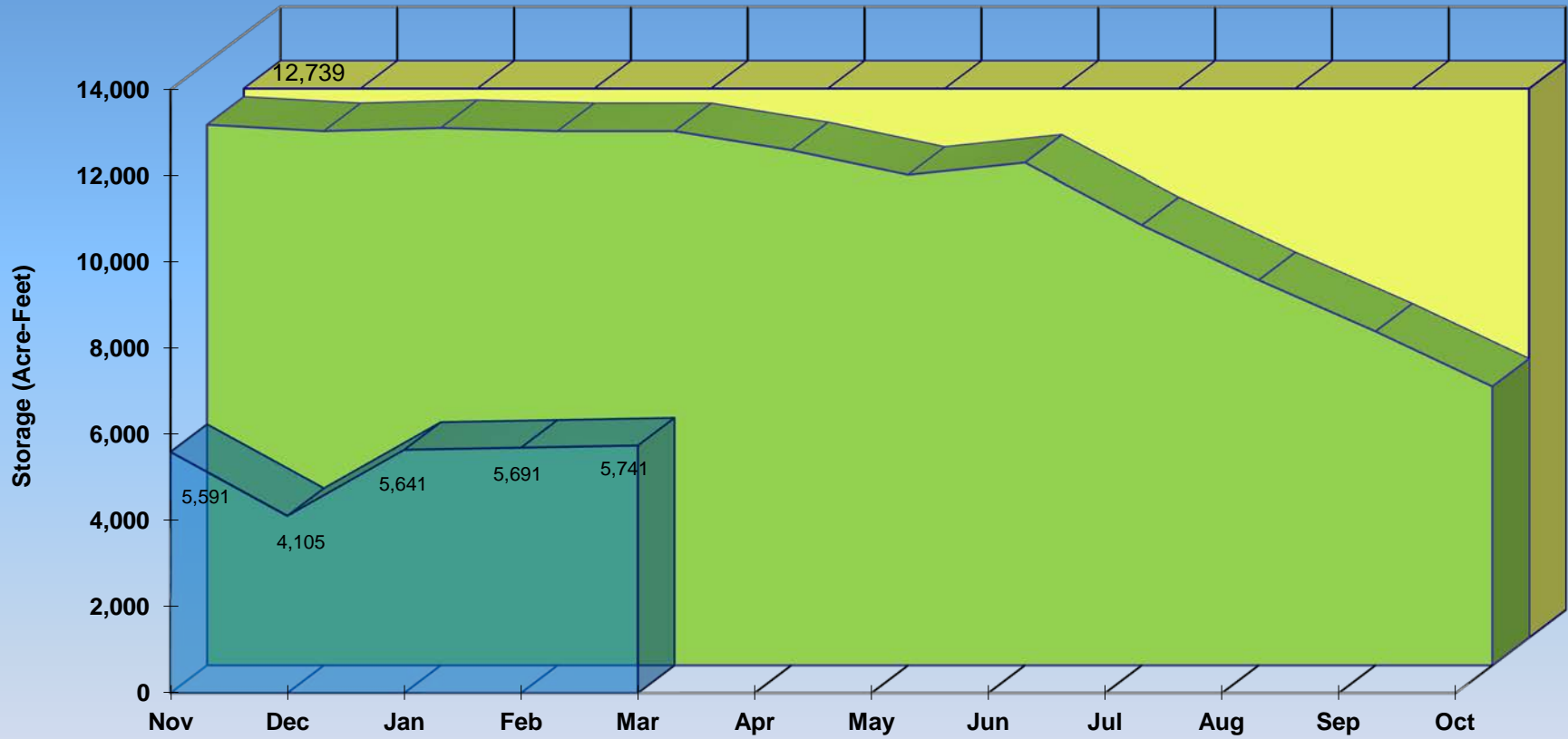
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Milton Reservoir (District 2 - Agricultural)



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

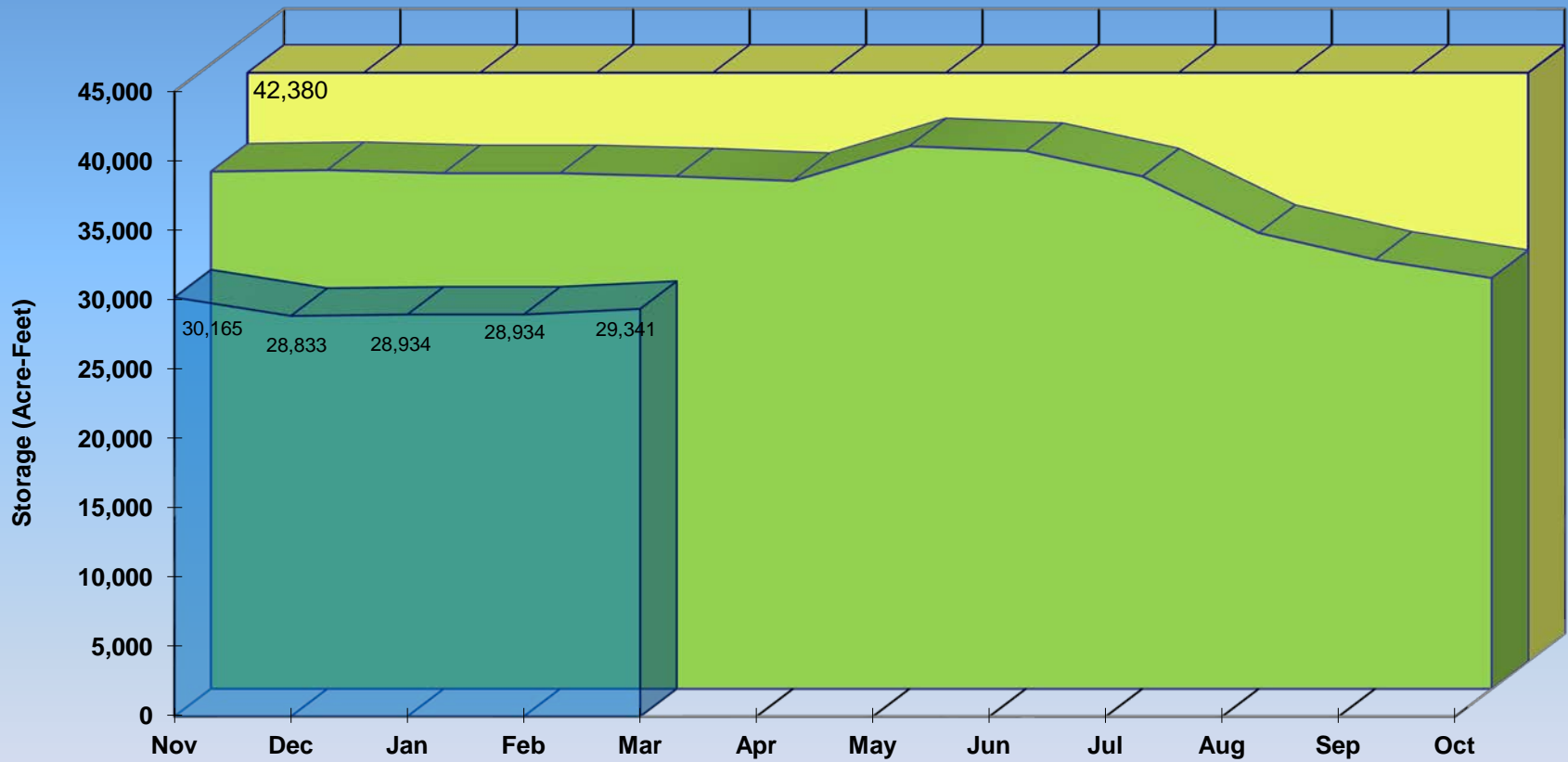
# Union Reservoir (District 5, St. Vrain Creek - Agricultural)



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



# Standley Lake (Agricultural)

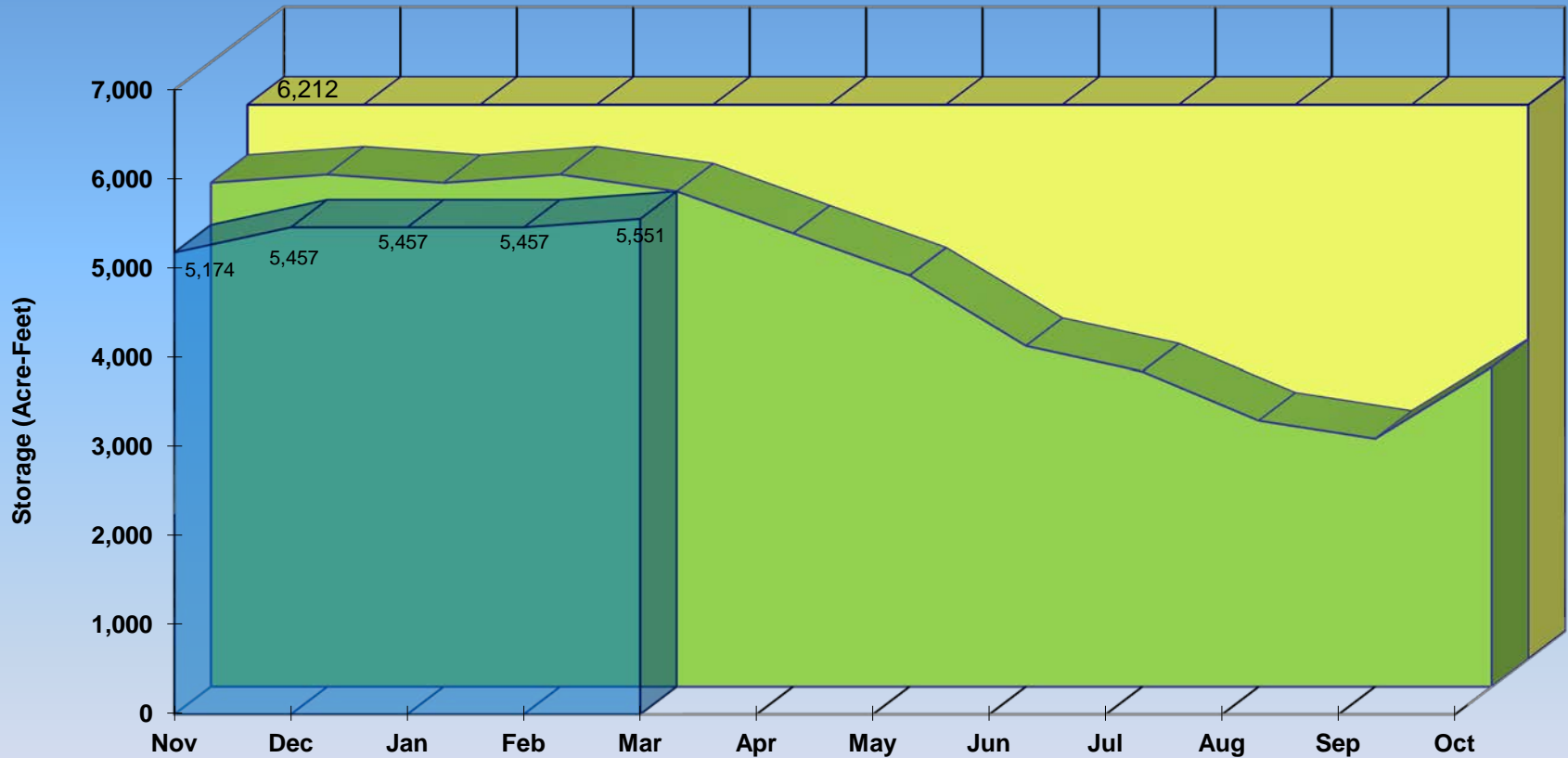


2012-13 Monthly Storage

2011-12 Monthly Storage

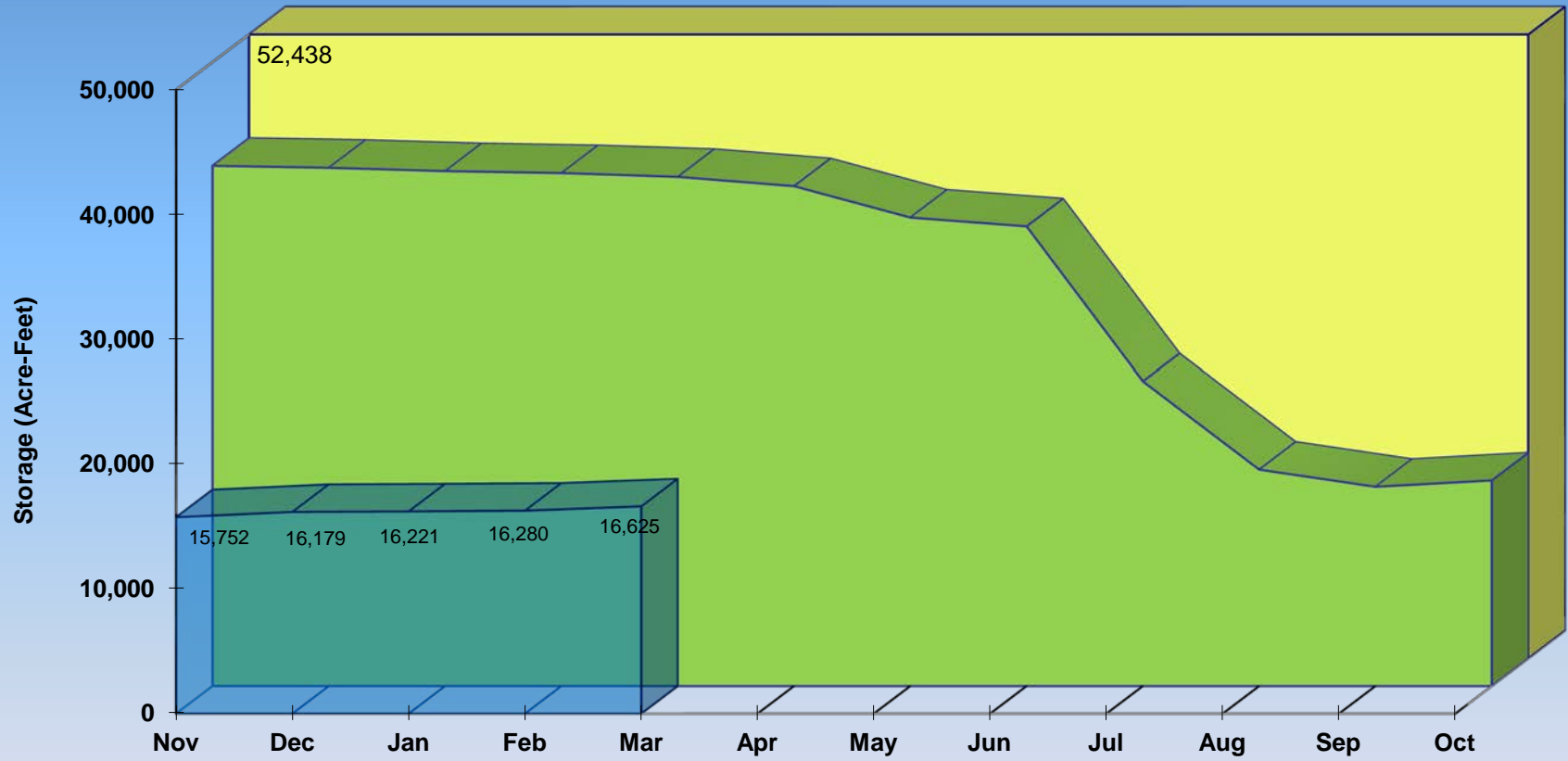
Total Storage

# Lower Latham Reservoir (District 2 - Agricultural)



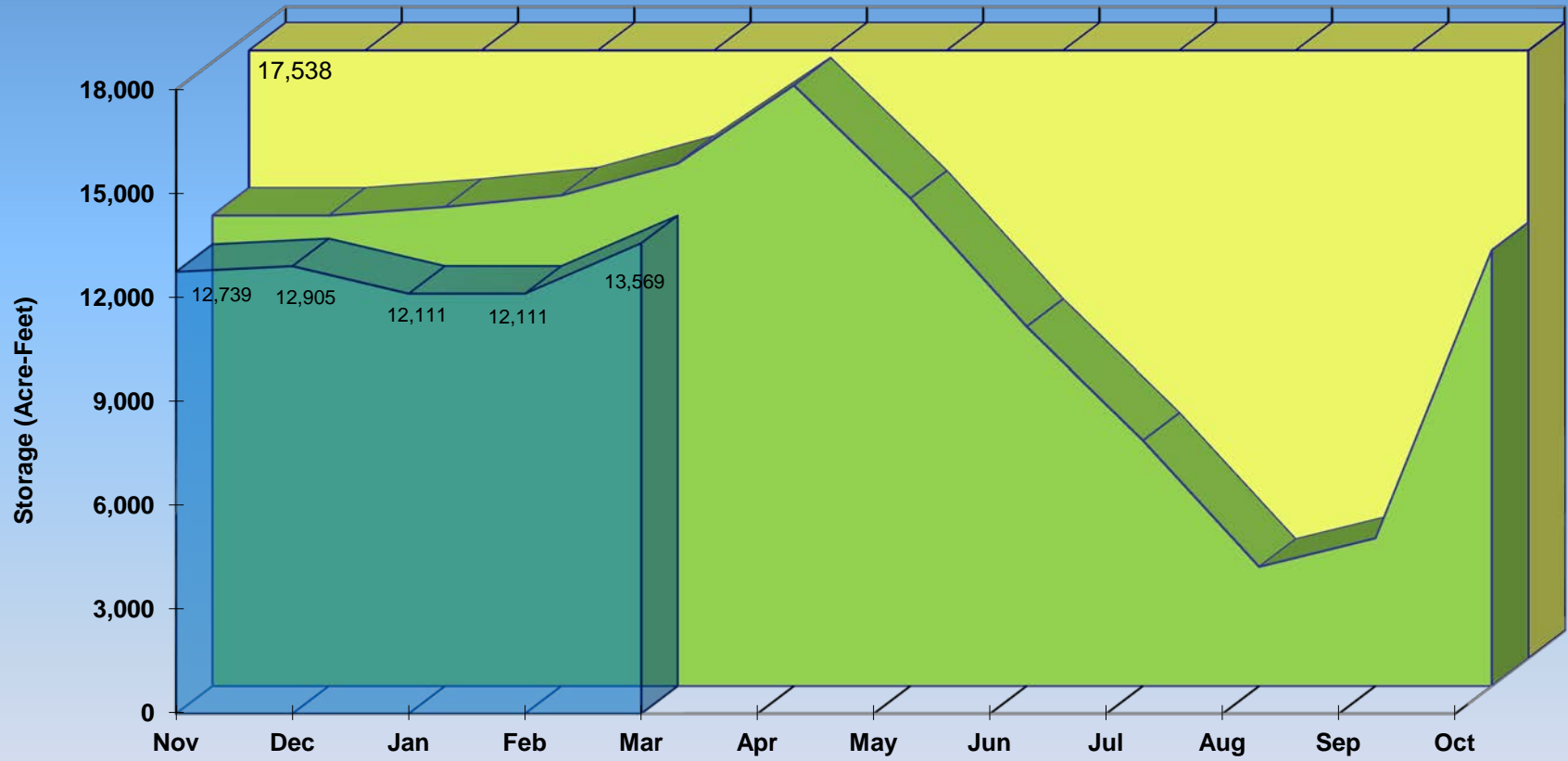
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

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



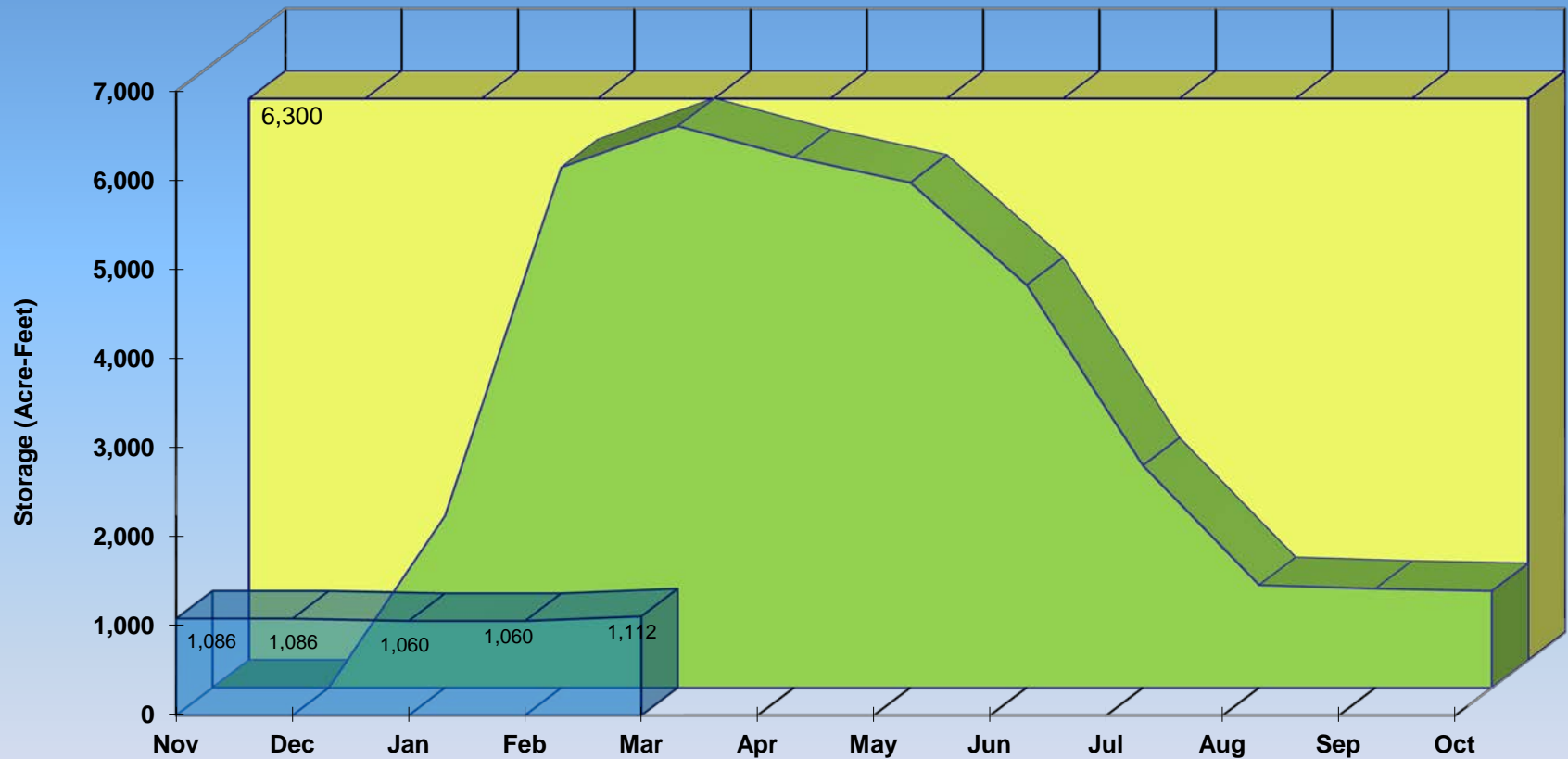
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

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



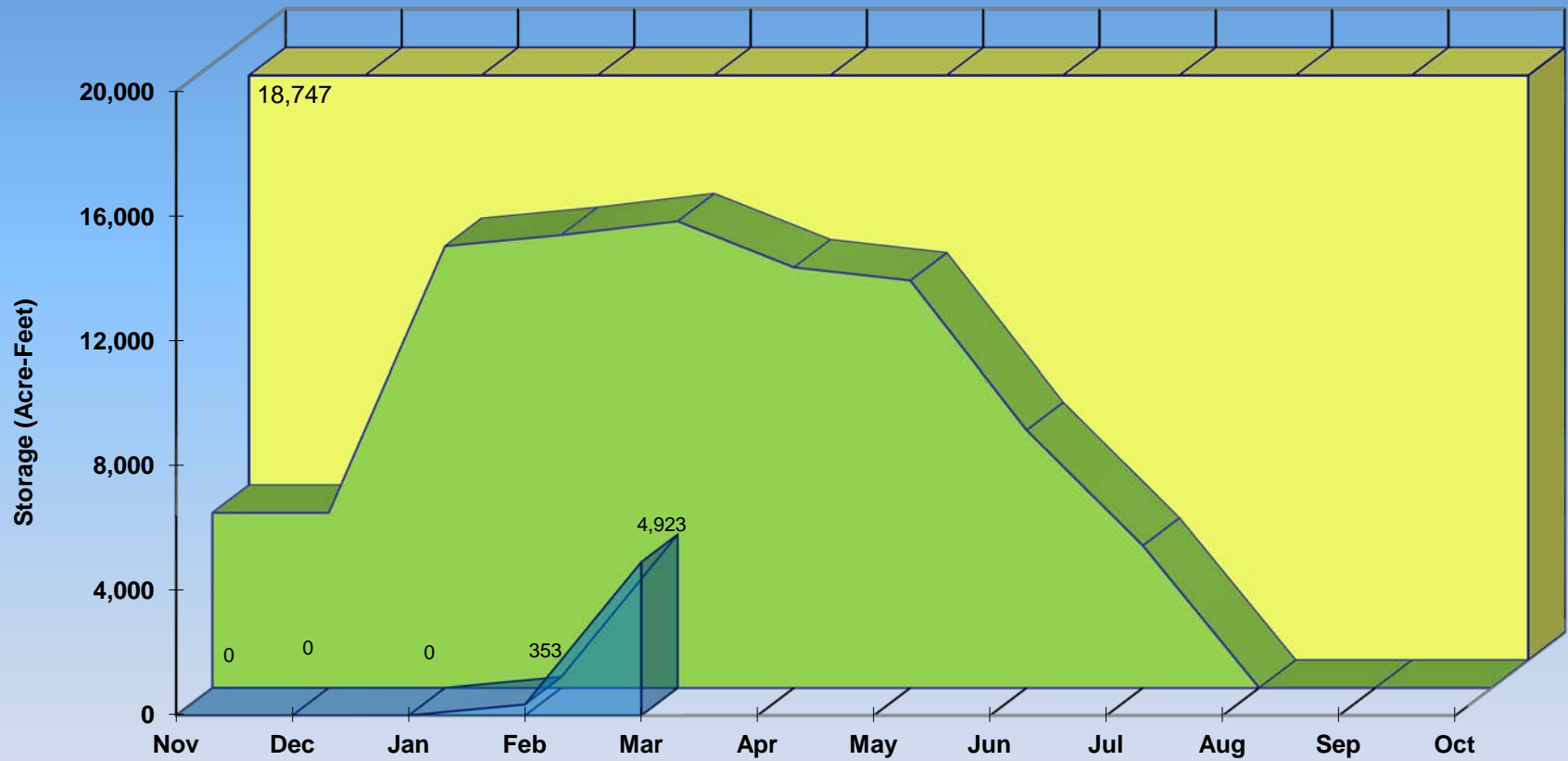
■ 2012-13 Monthly Storage     
 ■ 2011-12 Monthly Storage     
 ■ Total Storage

# Prospect Reservoir (District 1- Agricultural)



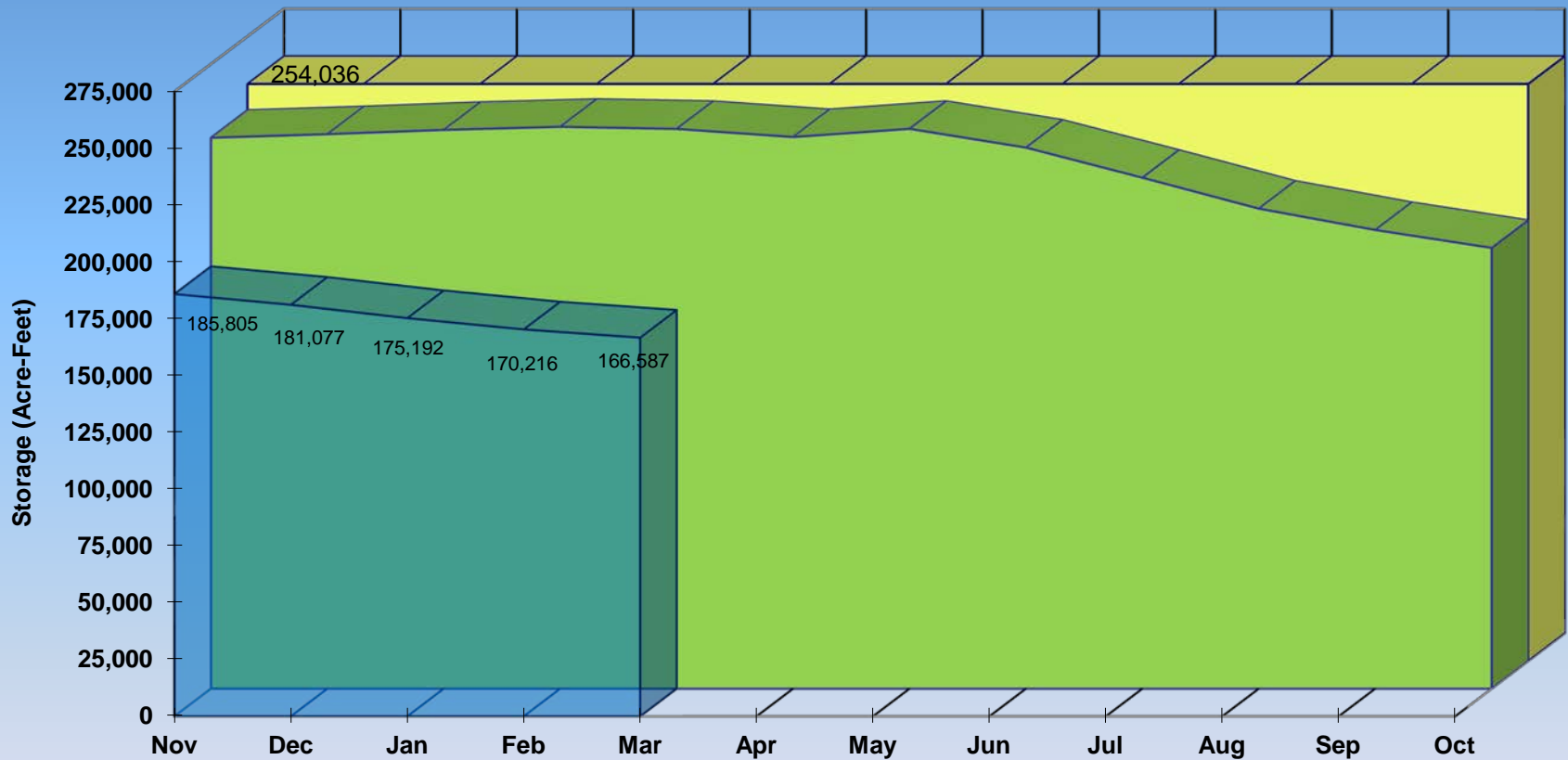
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Horse Creek Reservoir (District 1 - Agricultural)



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

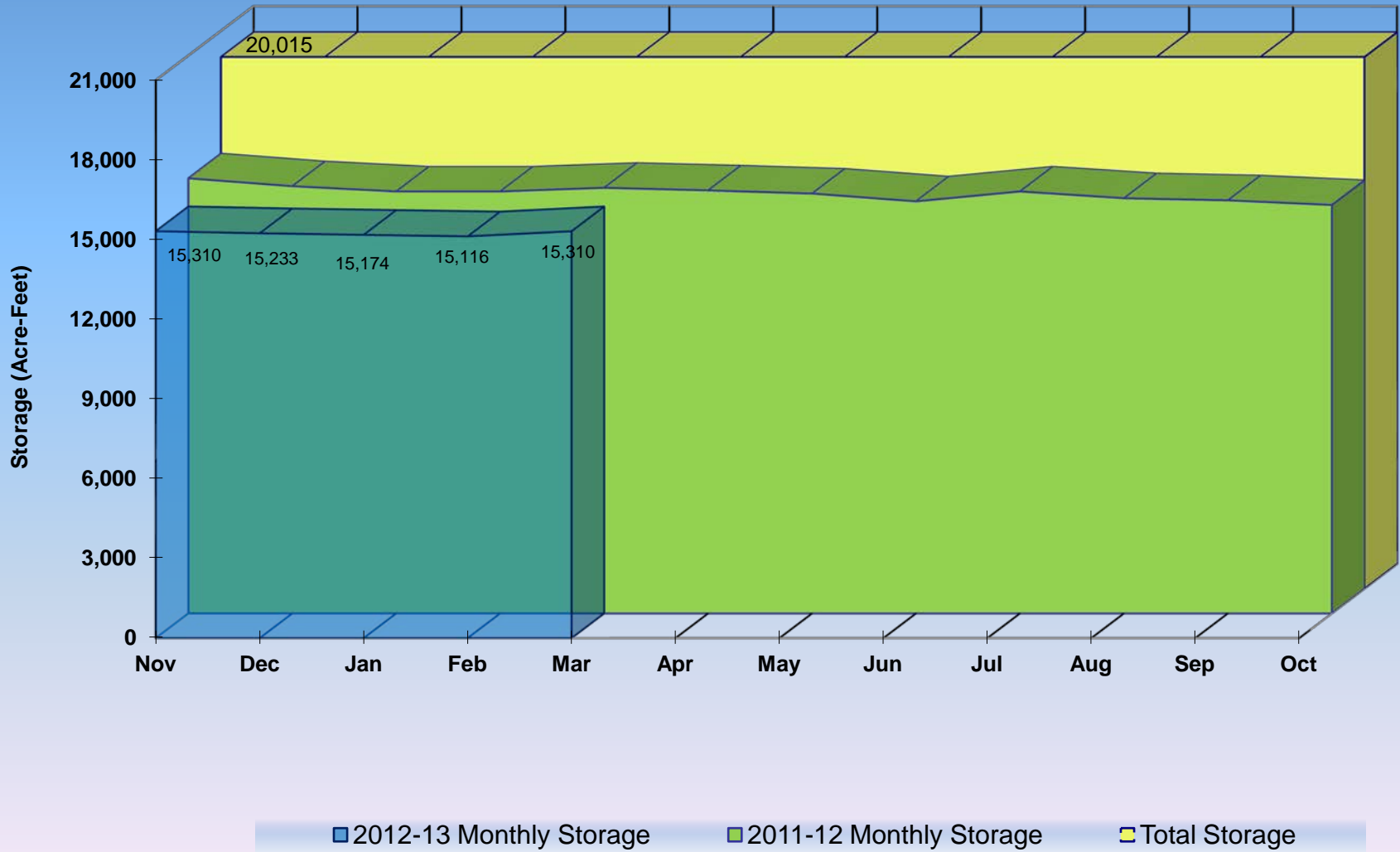
# Dillon Reservoir (Municipal)



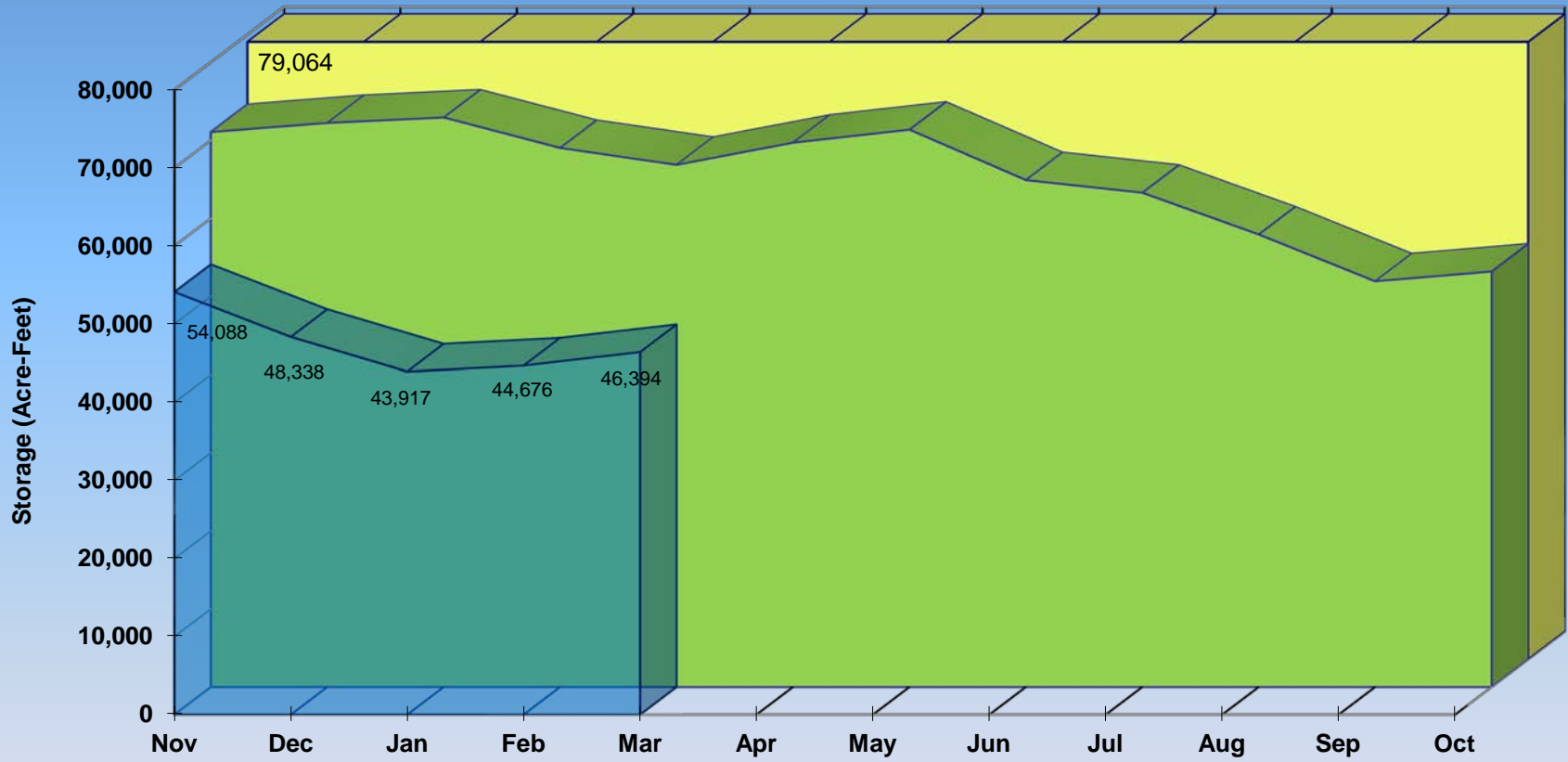
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage



# Antero Reservoir (District 23 - Municipal)

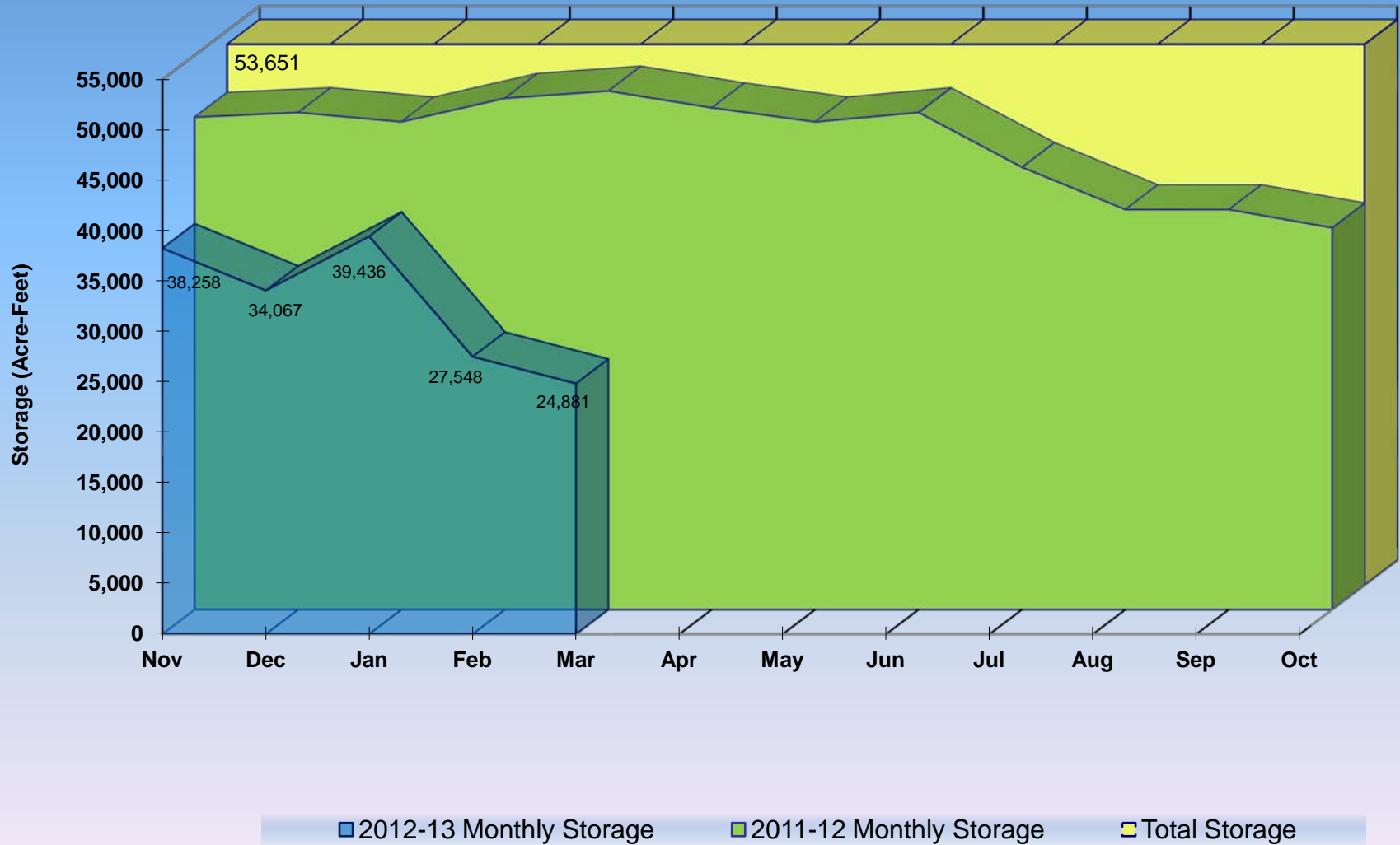


# Cheesman Reservoir (District 80 - Municipal)

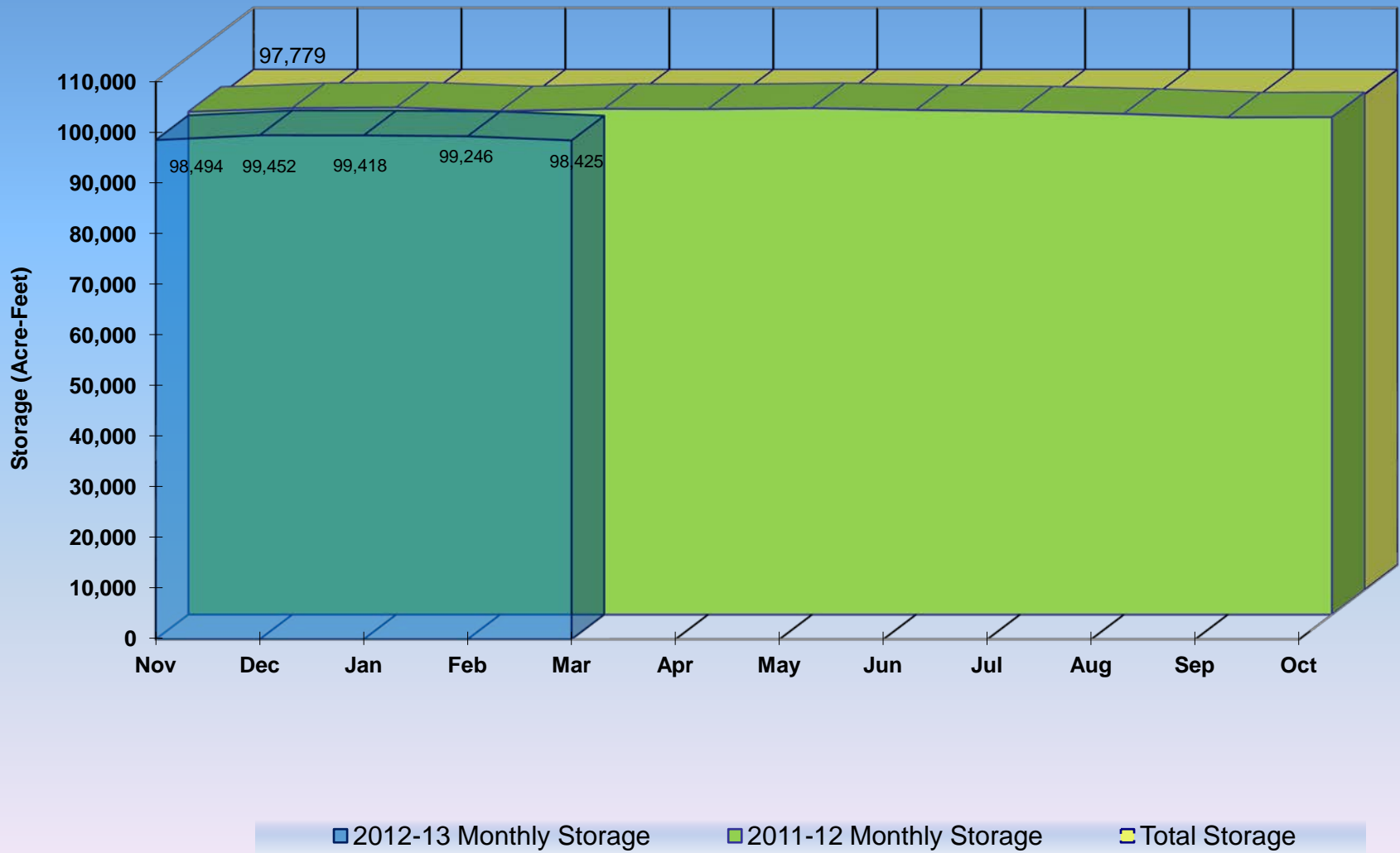


■ 2012-13 Monthly Storage     
 ■ 2011-12 Monthly Storage     
 ■ Total Storage

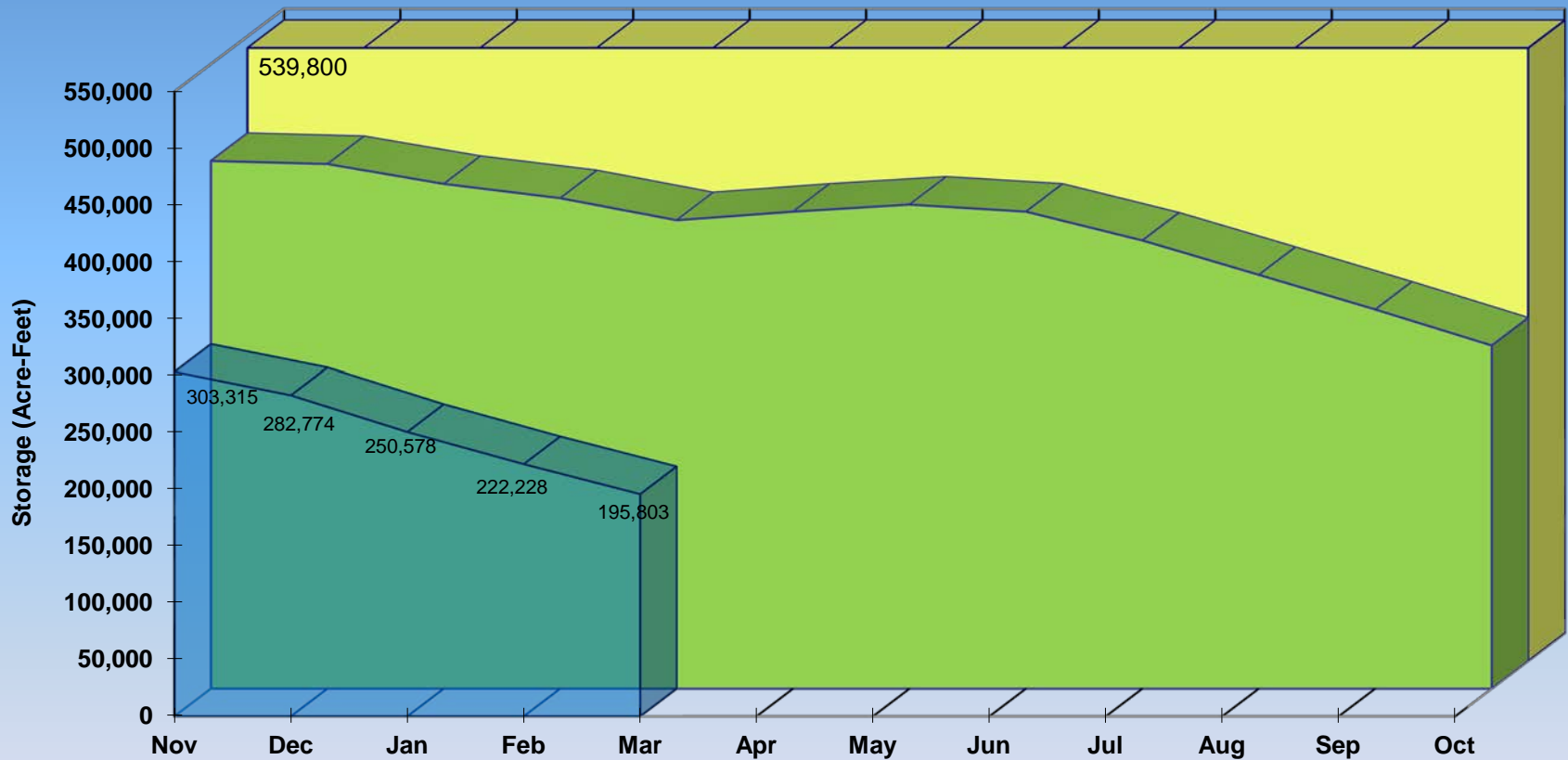
# Spinney Mountain Reservoir (District 23 - Municipal)



# Eleven Mile Reservoir (District 23 - Municipal)



# 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.**

