

# South Platte Summary

July 2013

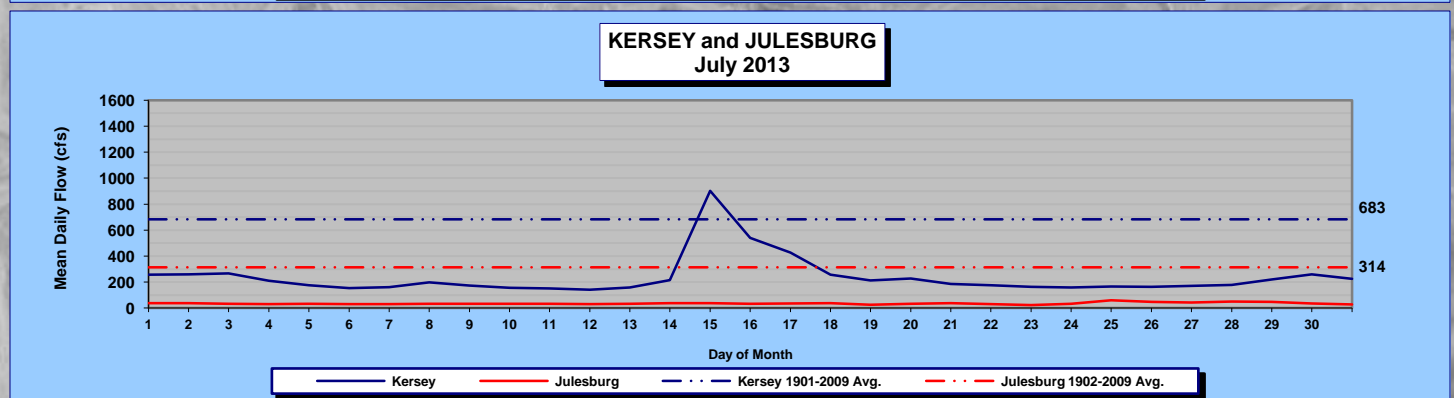
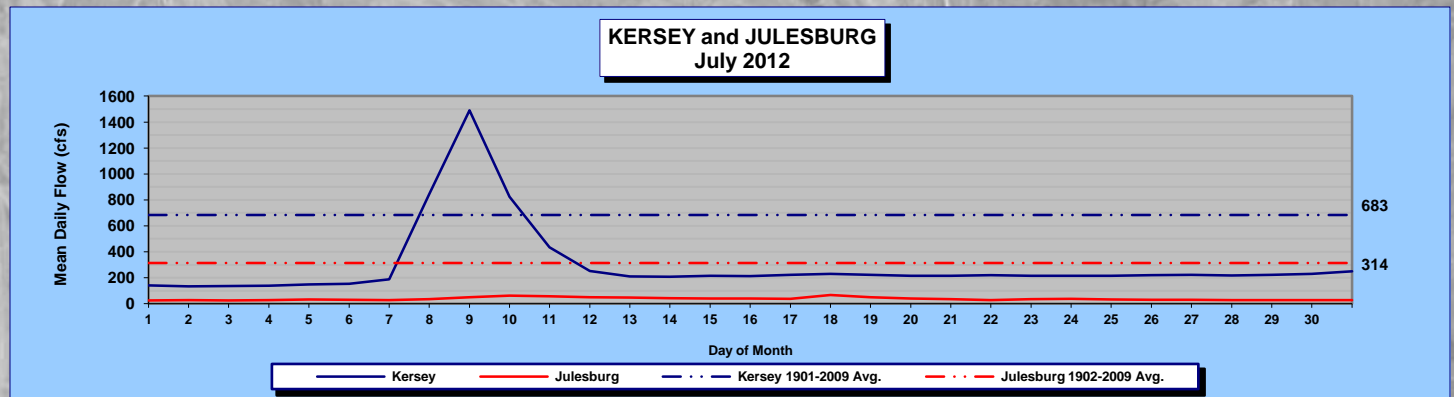


# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

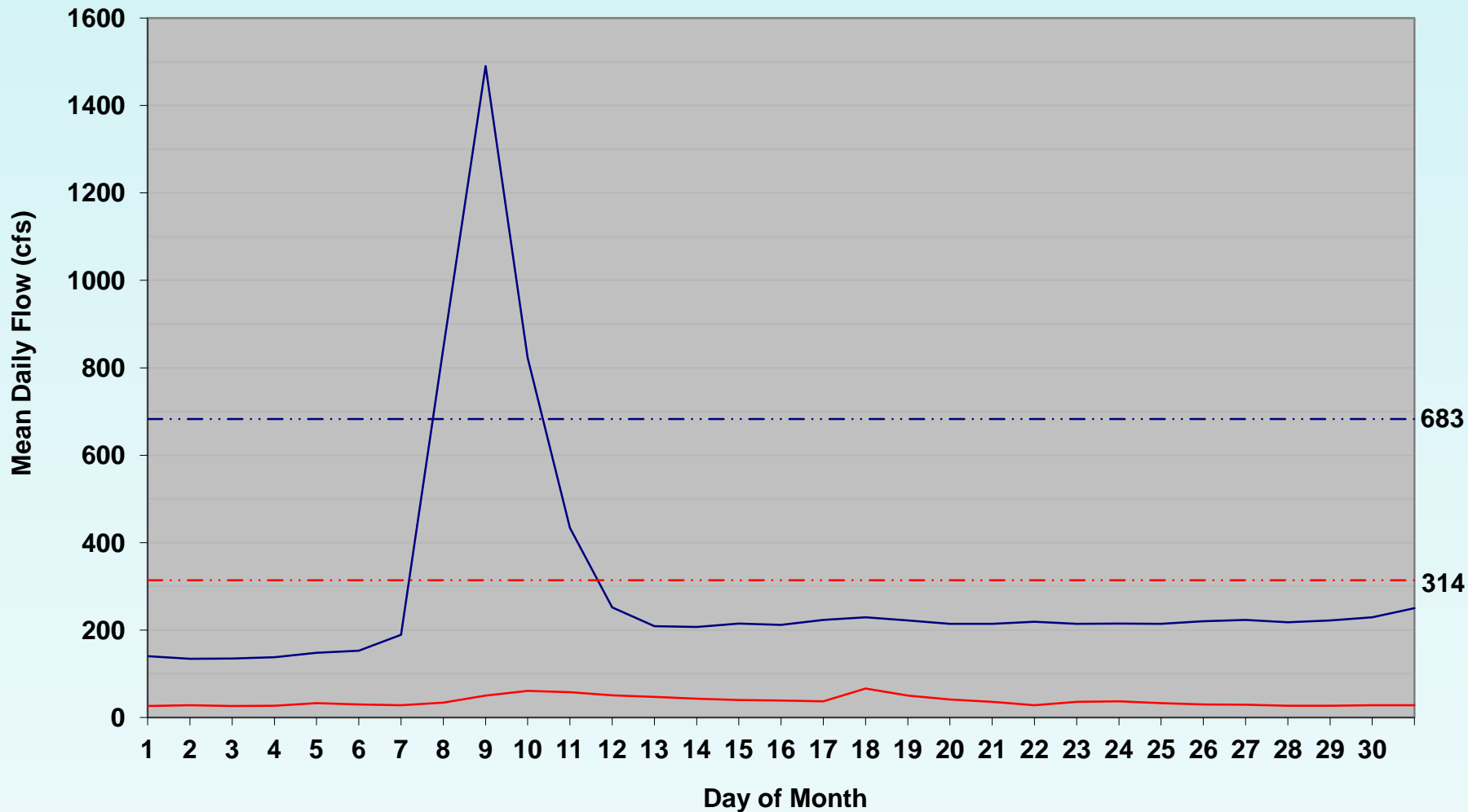
## MONTH OF July 2013

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	18,755	13,492	64	-5,263	-28%	60%	44%	0
N STERLING	73,730	50,617	31,543	64	-19,074	-38%	43%	33%	0
PREWITT	28,500	19,778	12,729	64	-7,049	-36%	45%	41%	0
JACKSON	27,257	23,128	14,502	1	-8,626	-37%	53%	26%	0
EMPIRE	37,700	24,376	12,699	1	-11,677	-48%	34%	20%	0
RIVERSIDE	63,113	41,301	25,399	1	-15,902	-39%	40%	31%	0
BARR LAKE	32,152	18,900	11,747	2	-7,153	-38%	37%	25%	0
CHEESMAN	79,064	67,277	76,881	80	9,604	14%	97%	80%	0
ELEVEN MILE	97,779	100,347	99,486	23	-861	-1%	100%	100%	1,707
SPINNEY	53,651	44,108	43,672	23	-436	-1%	81%	82%	0
ANTERO	20,015	17,839	17,901	23	62	0%	89%	79%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>236</b>
<b>JULESBURG</b>	<b>36</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>292</b>
<b>JULESBURG</b>	<b>37</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>683</b>
<b>JULESBURG</b>	<b>314</b>
* 1901-2012	
1902-2012	

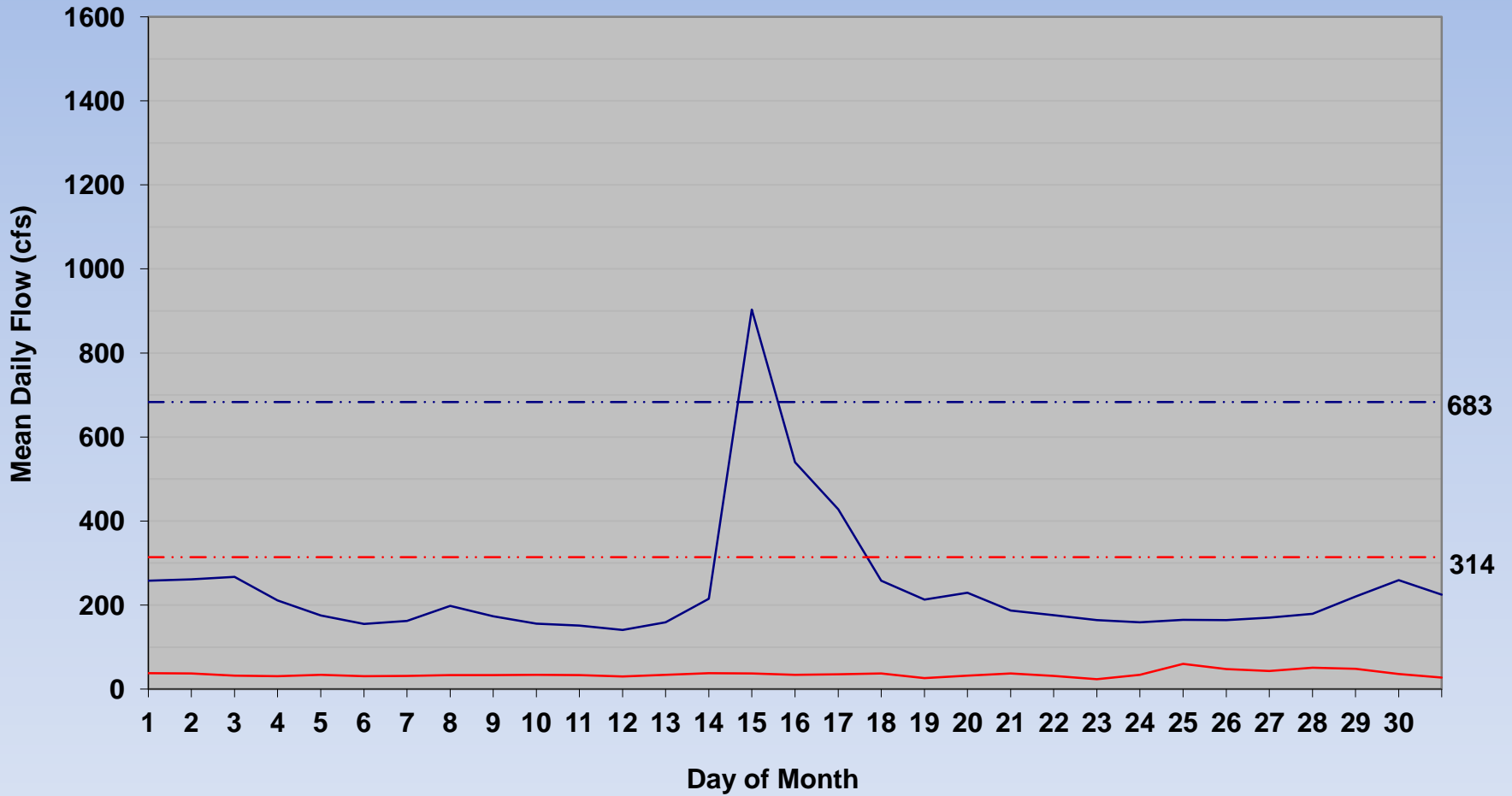


# KERSEY and JULESBURG July 2012



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

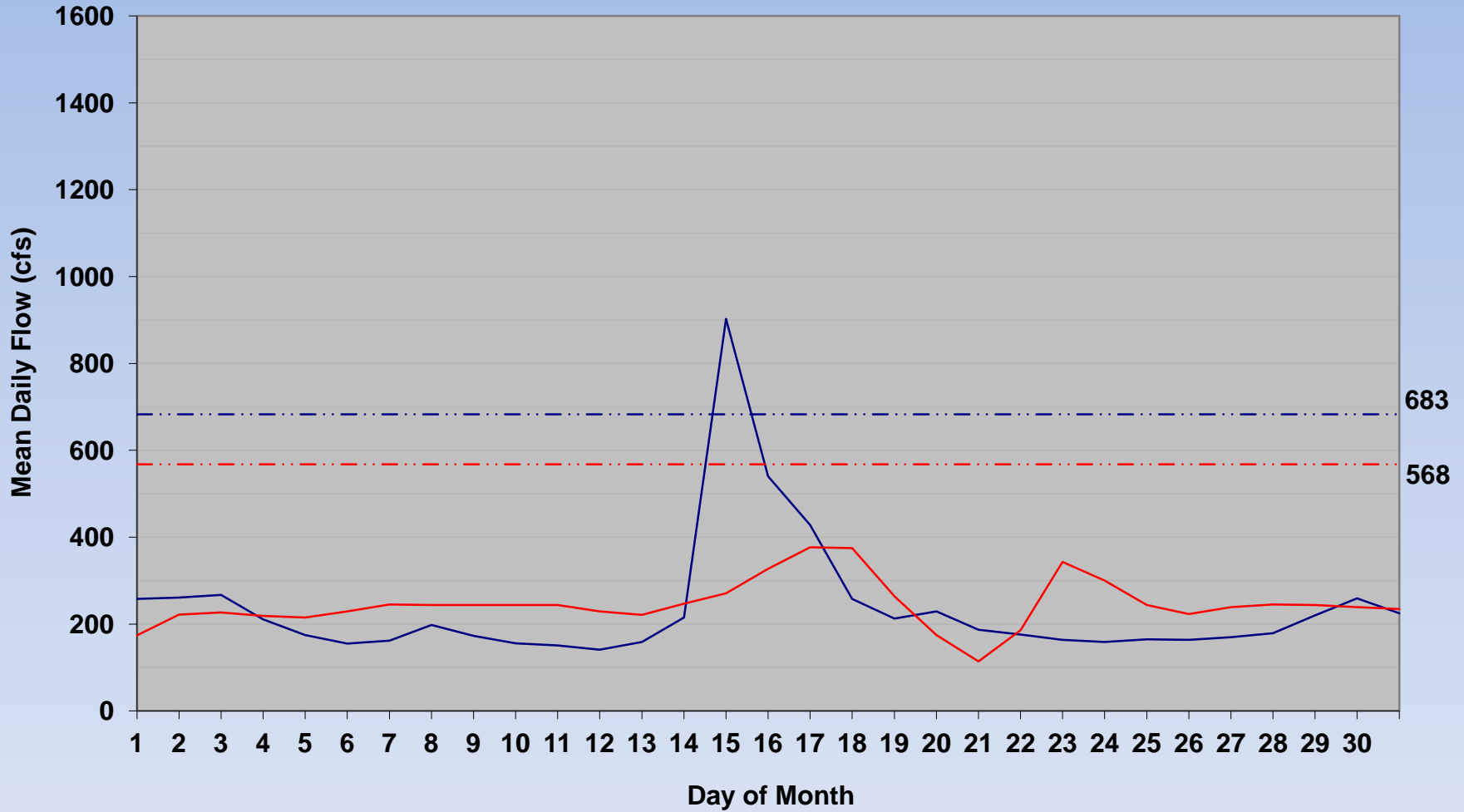
# KERSEY and JULESBURG July 2013



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

# KERSEY and BALZAC

## July 2013



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



## South Platte River Monthly Stream Flow (cfs) Statistics

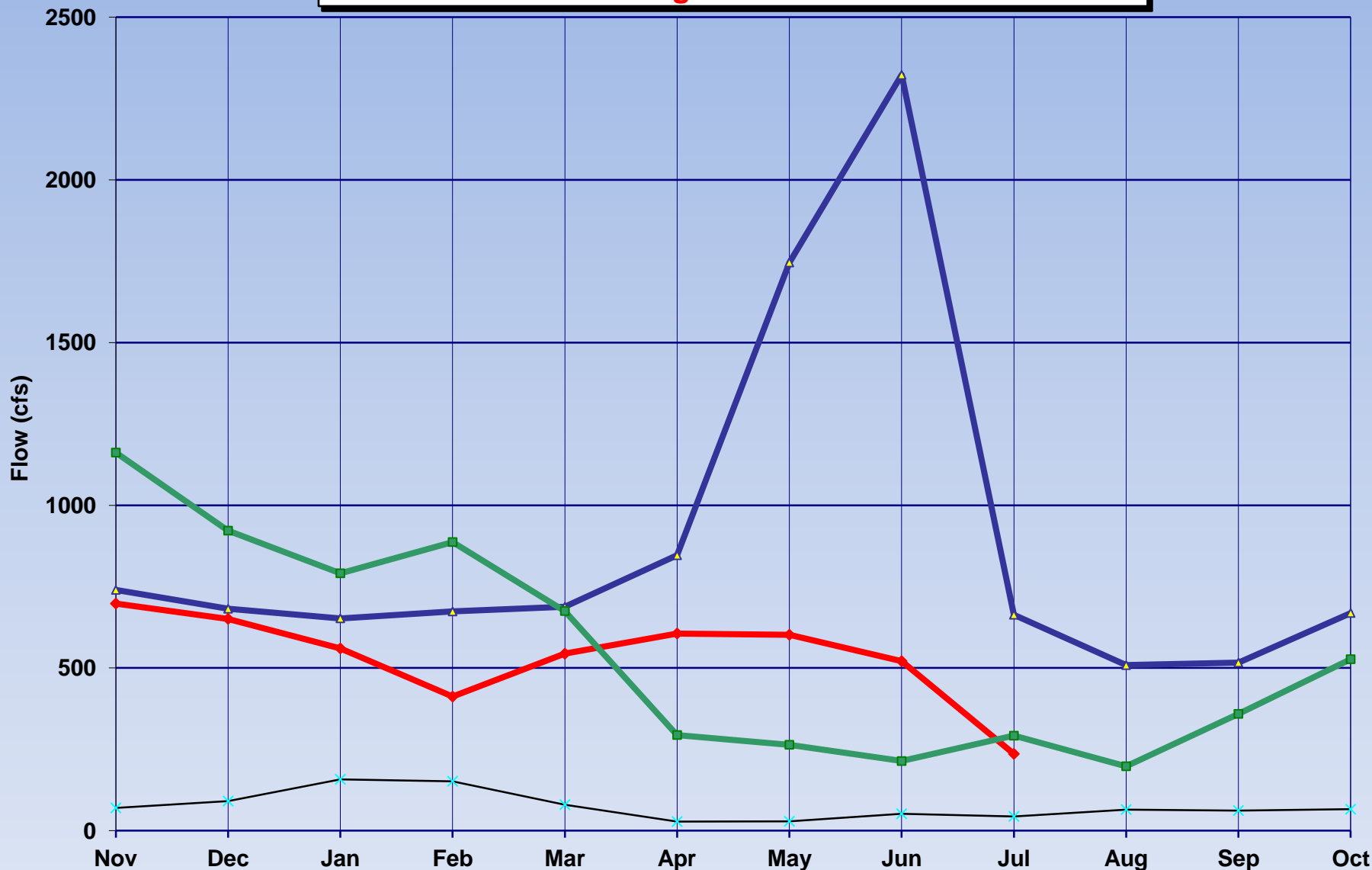
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2013 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2013 Mean Monthly Flow
Nov	740	3650	1984	70	1934	698	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		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 1902-2012

\*Period of record 1902-2012

# South Platte River at Kersey

Irrigation Year

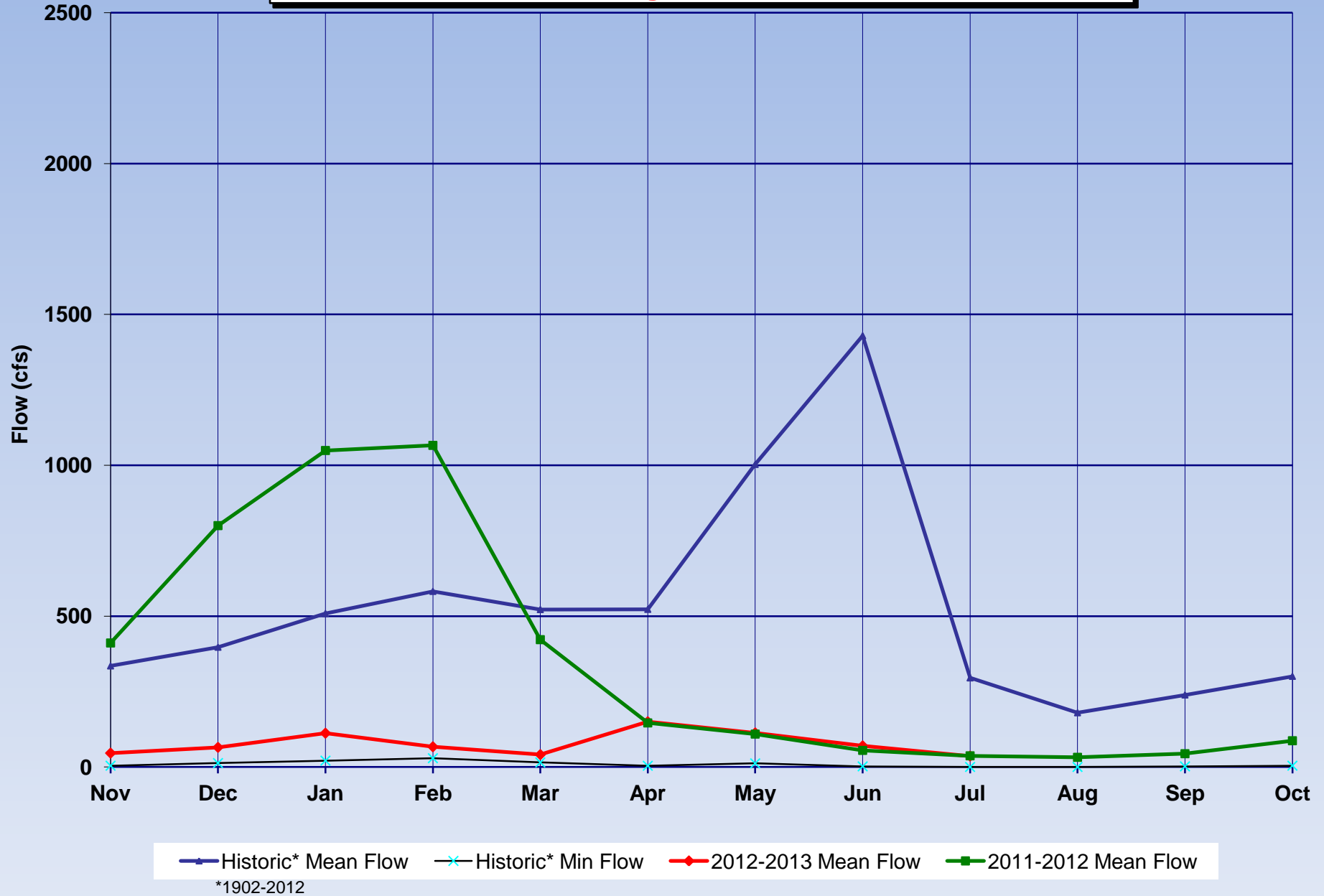


—▲— Historic\* Mean Flow    —×— Historic\* Min Flow    —◆— 2012-2013 Mean Flow    —■— 2011-2012 Mean Flow

\*1901-2012

# South Platte River at Julesburg

Irrigation Year



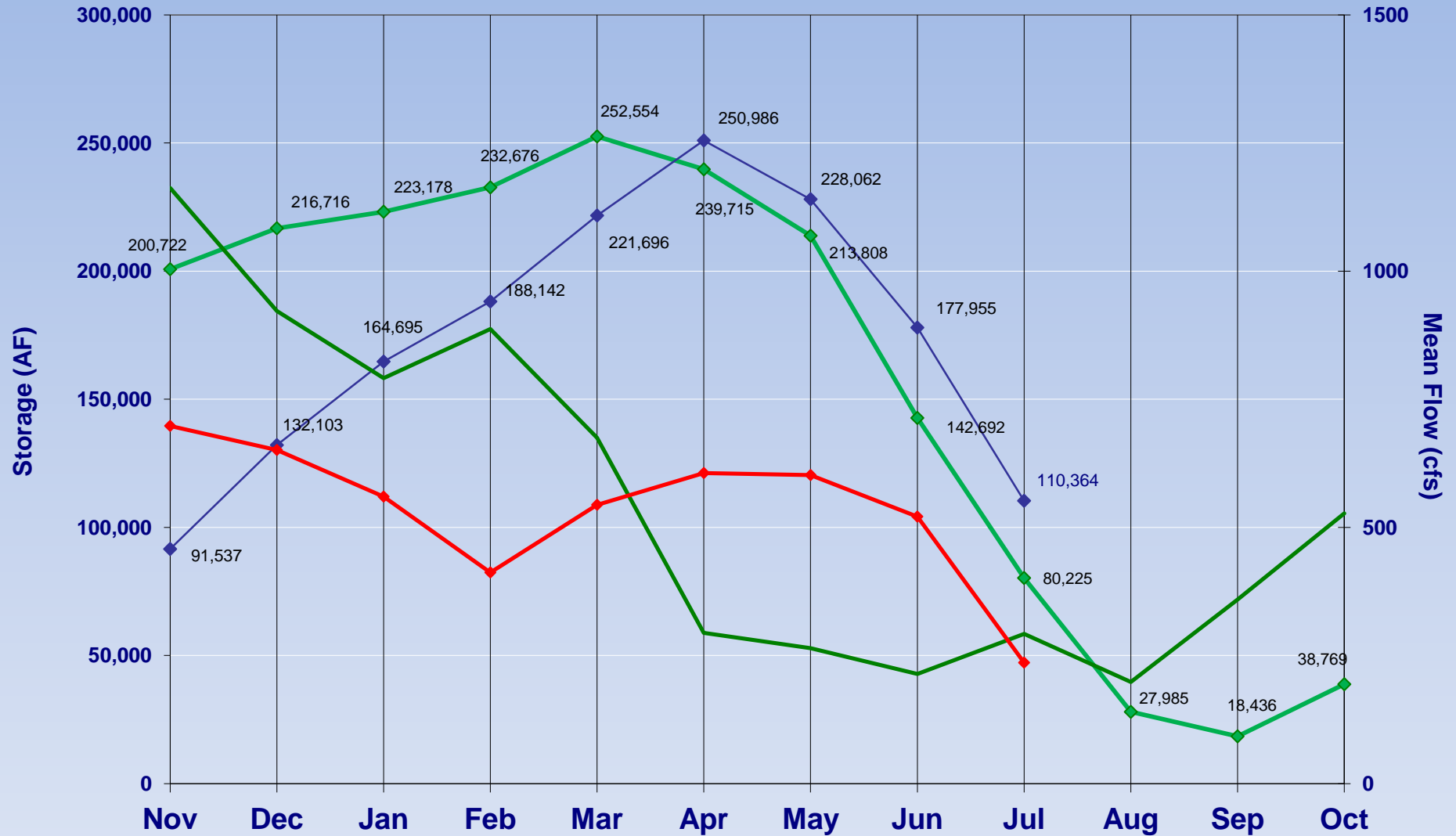


**Next three slides show Reservoir  
Storage above and below Kersey**



# Reservoir Storage below Kersey

Selected Reservoirs\*



2011-12 Monthly Storage

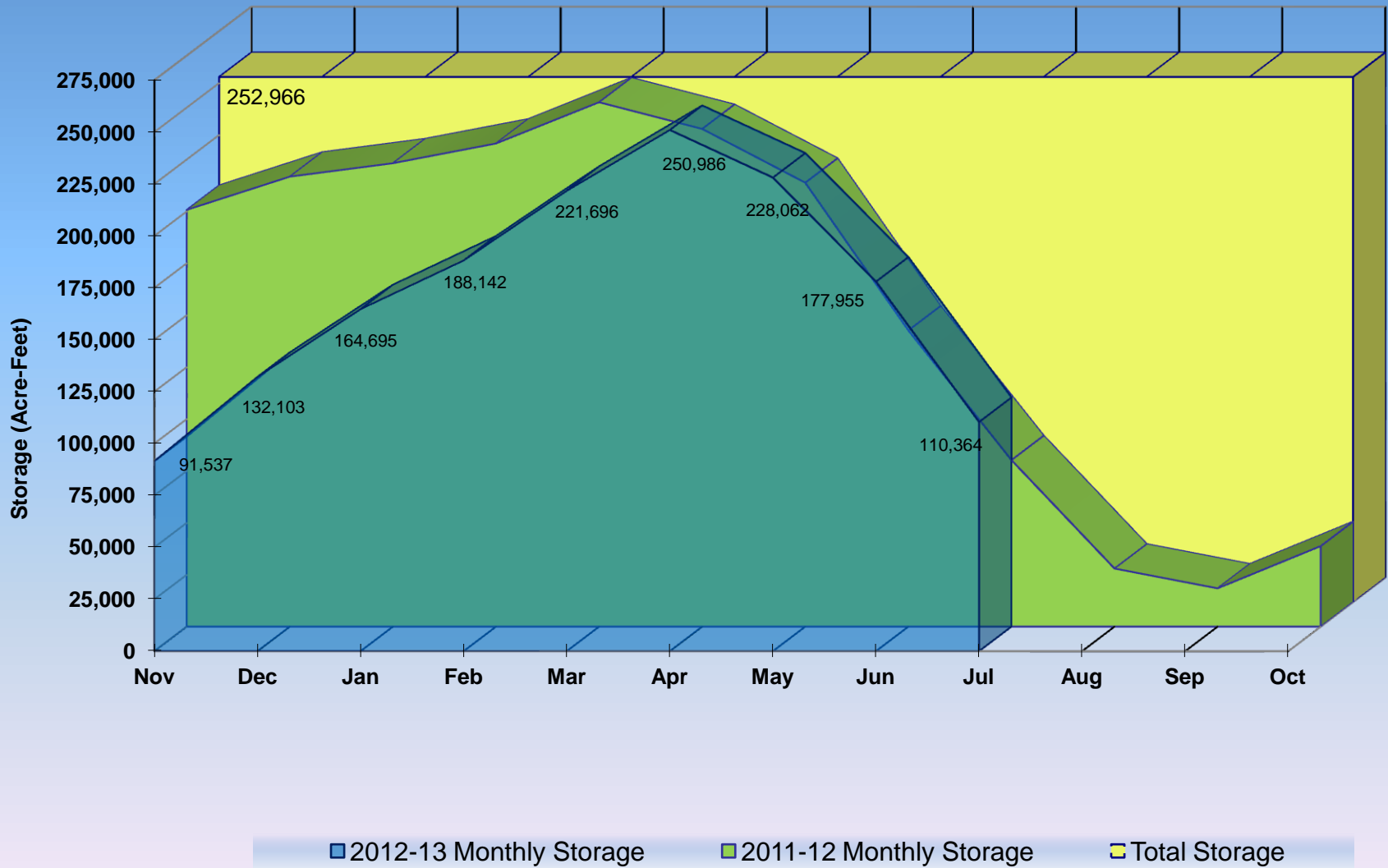
2012-13 Monthly Storage

Kersey 2011-12

Kersey 2012-13

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

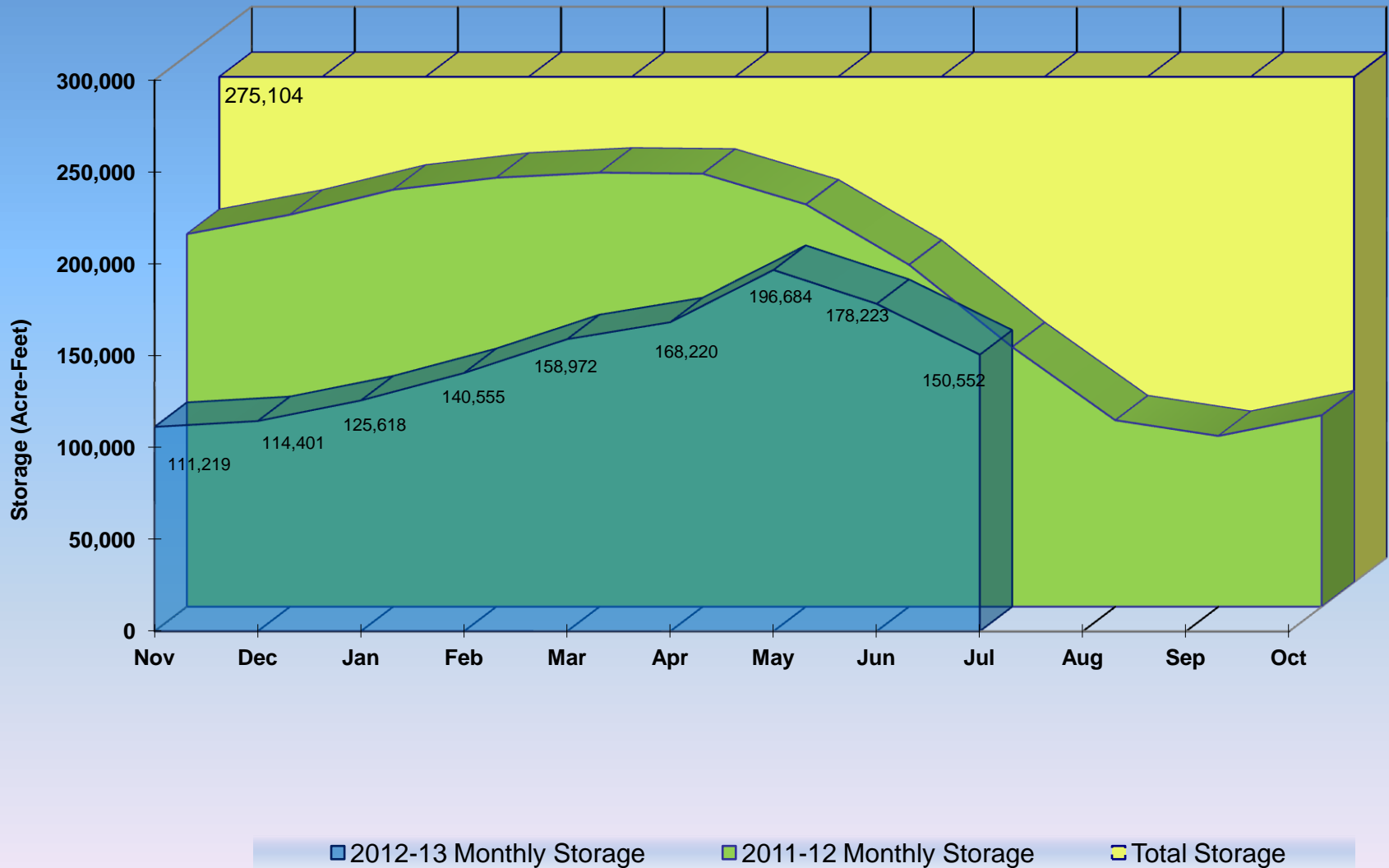
# South Platte Reservoir Storage below Kersey\*



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

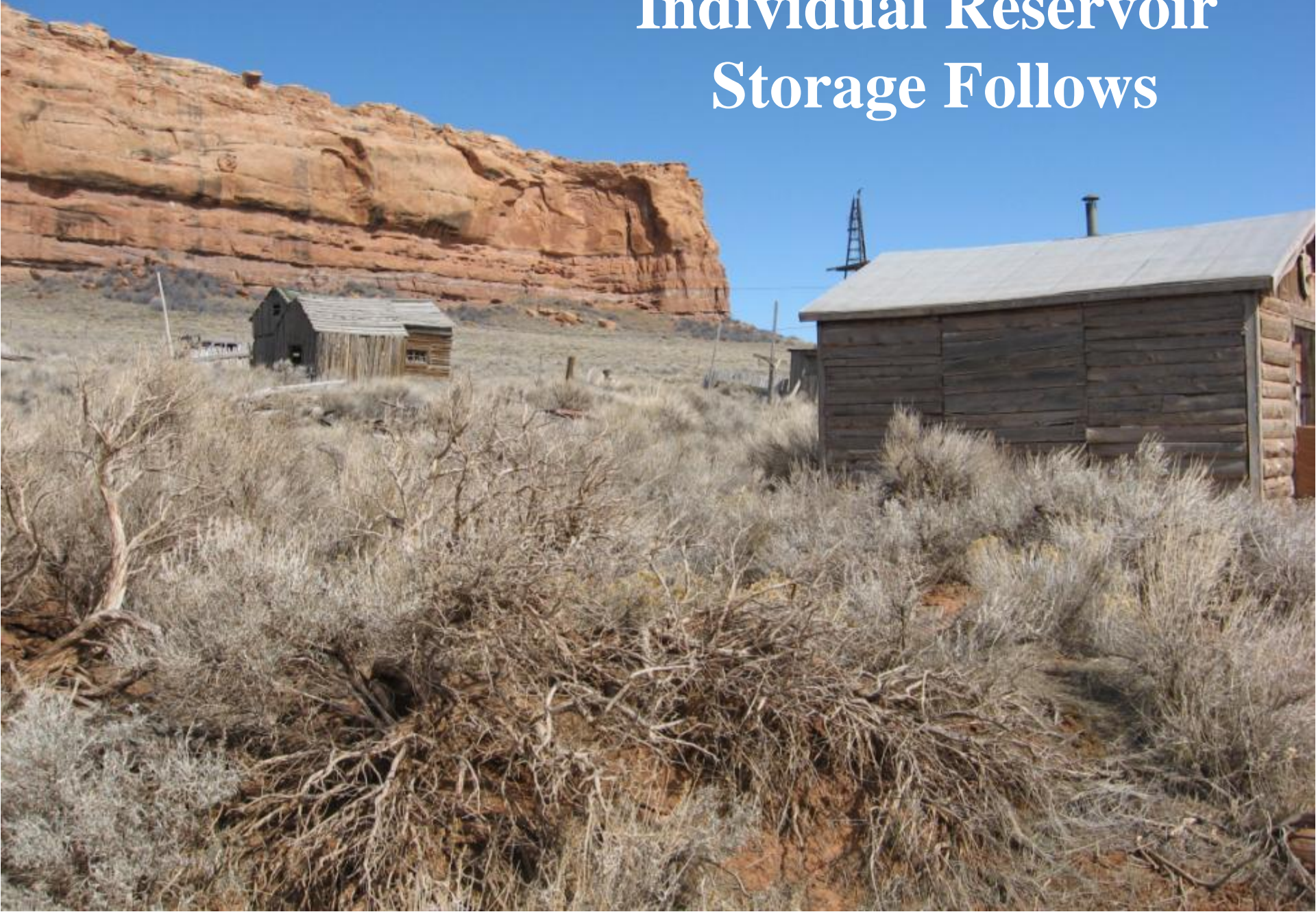


# South Platte Reservoir Storage above Kersey\*

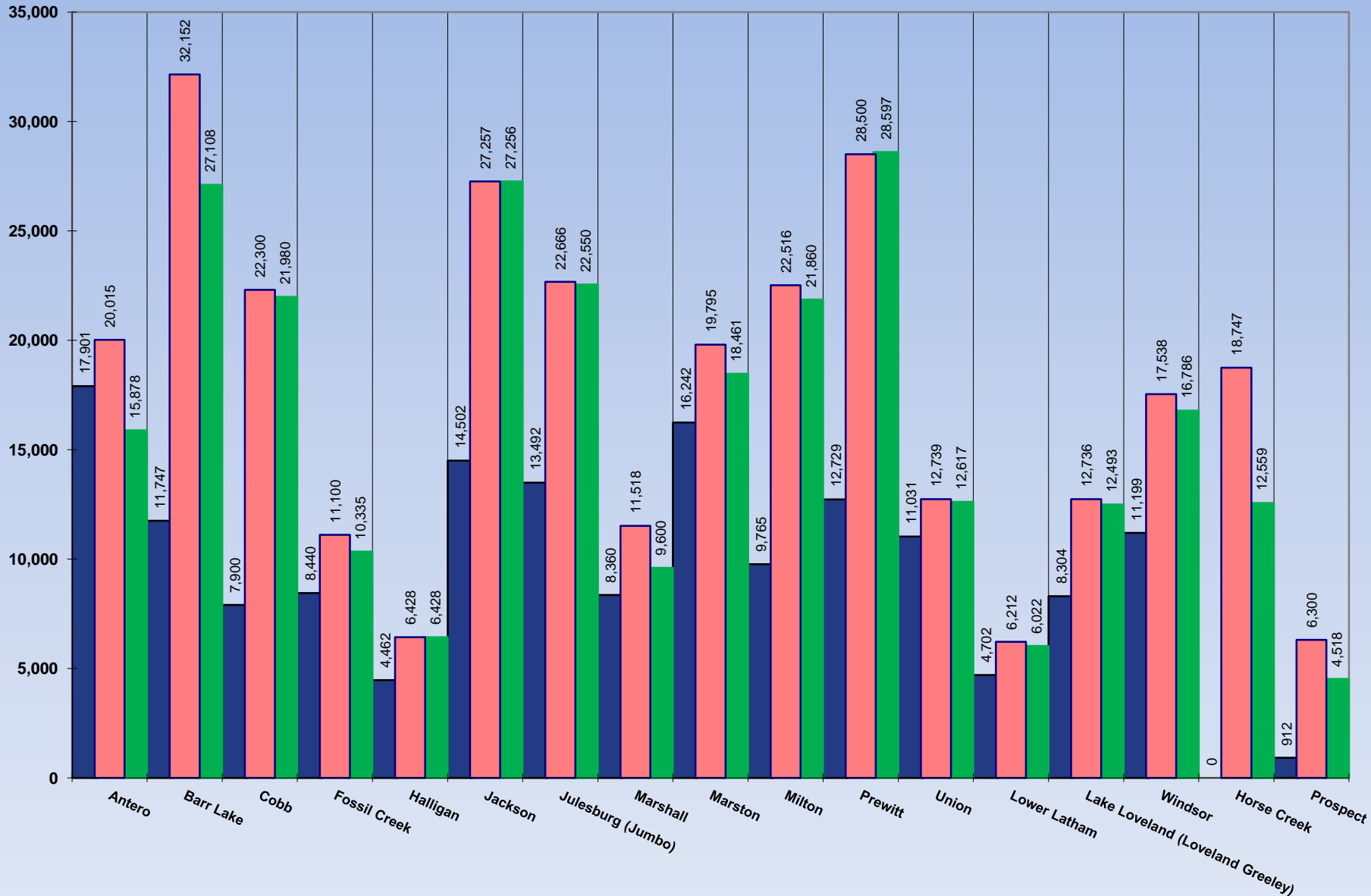


\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

# Individual Reservoir Storage Follows



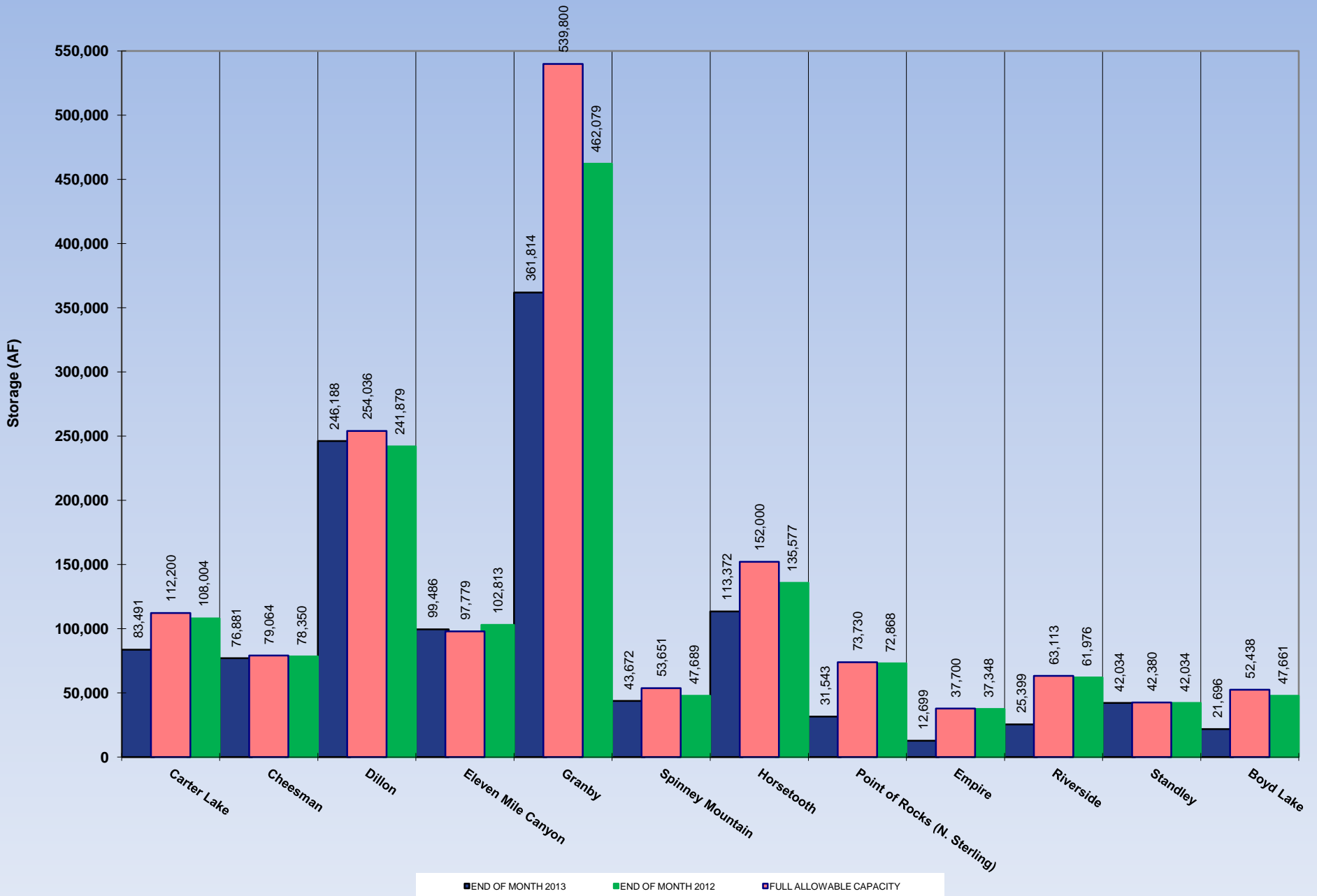
# July Reservoir Change in Storage 2012 versus 2013



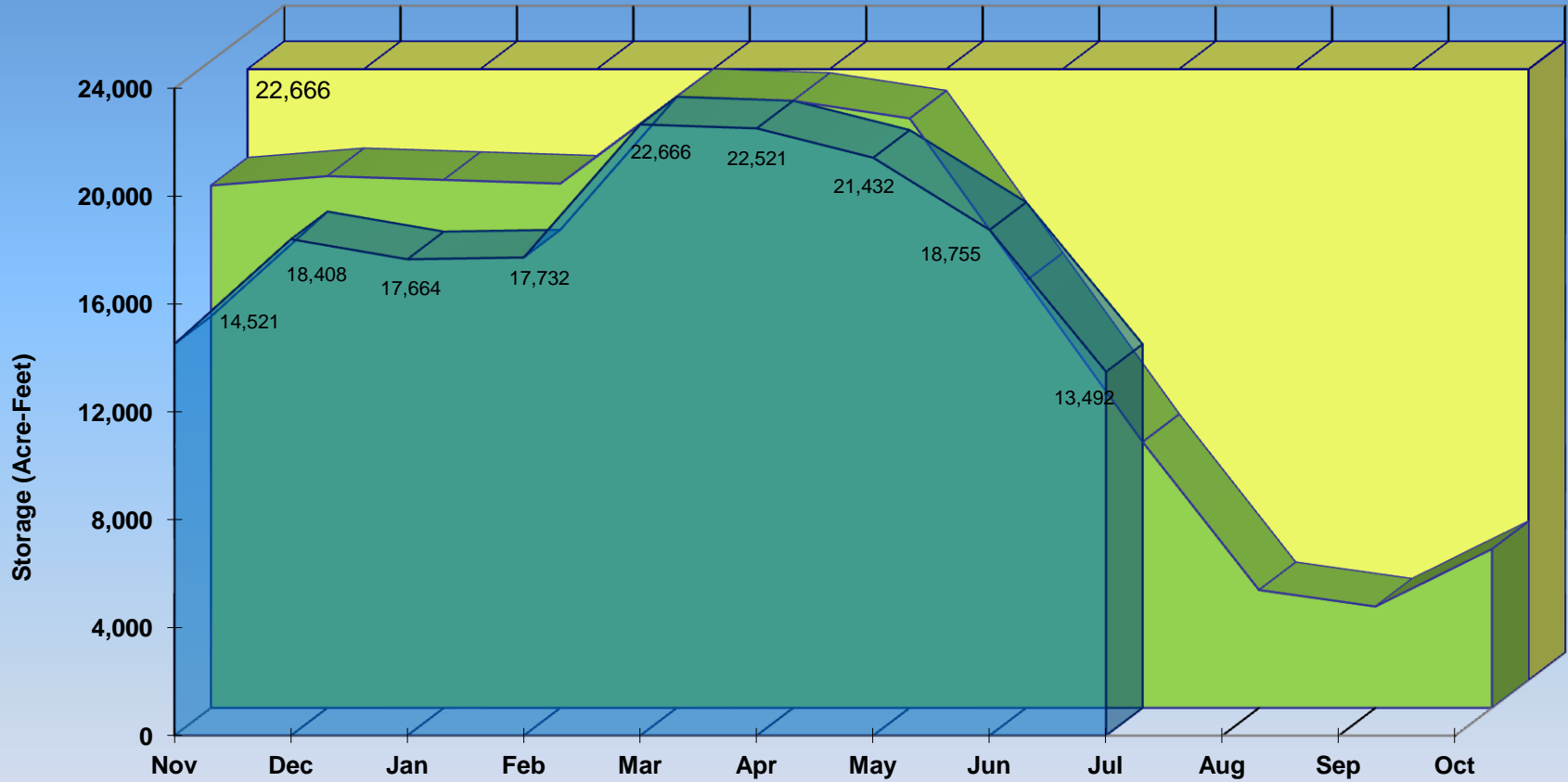
■ END OF MONTH 2013   ■ END OF MONTH 2012   ■ FULL ALLOWABLE CAPACITY



# July Reservoir Change in Storage 2012 versus 2013

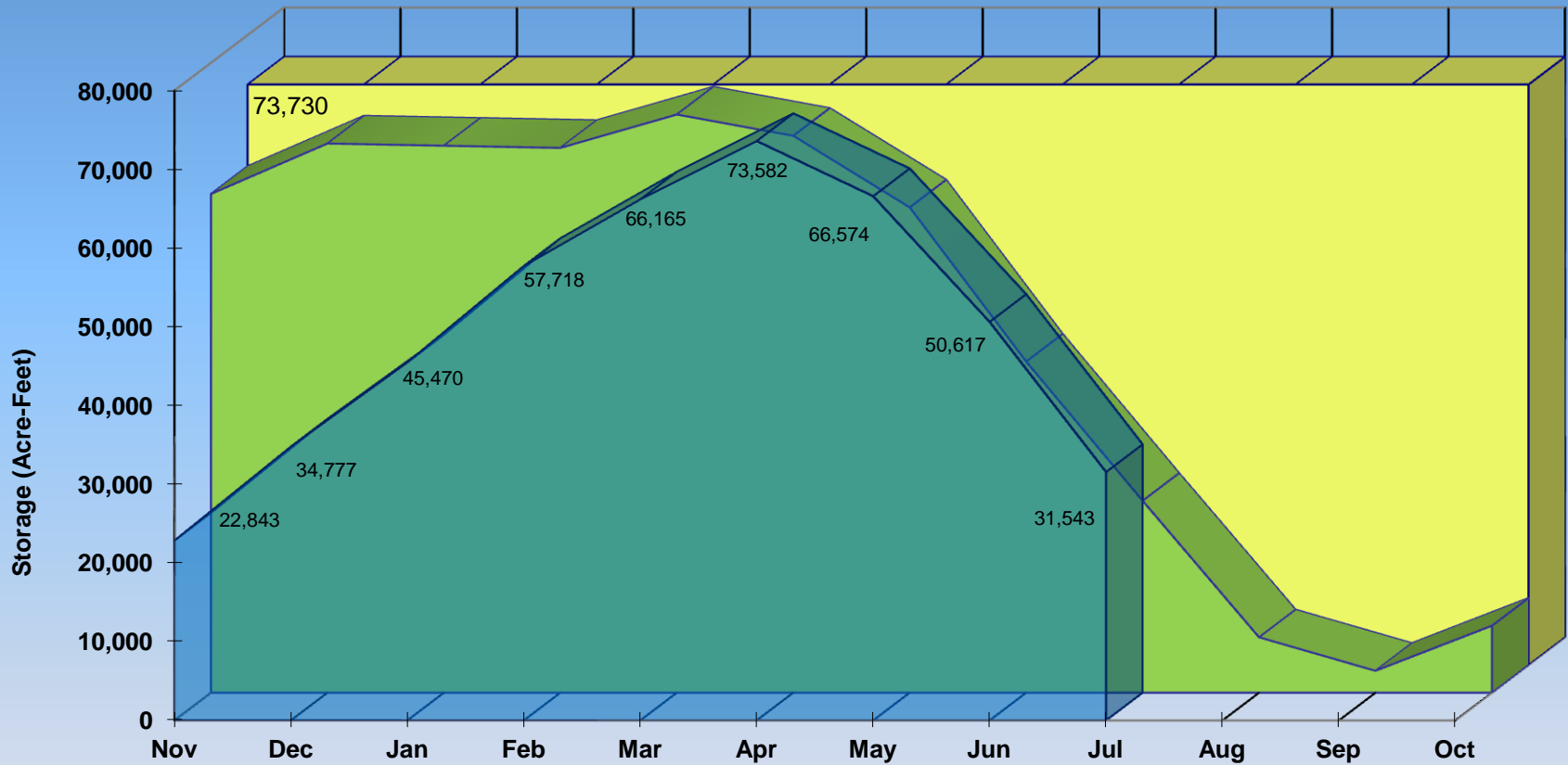


# Julesburg Reservoir (District 64 - Agricultural)



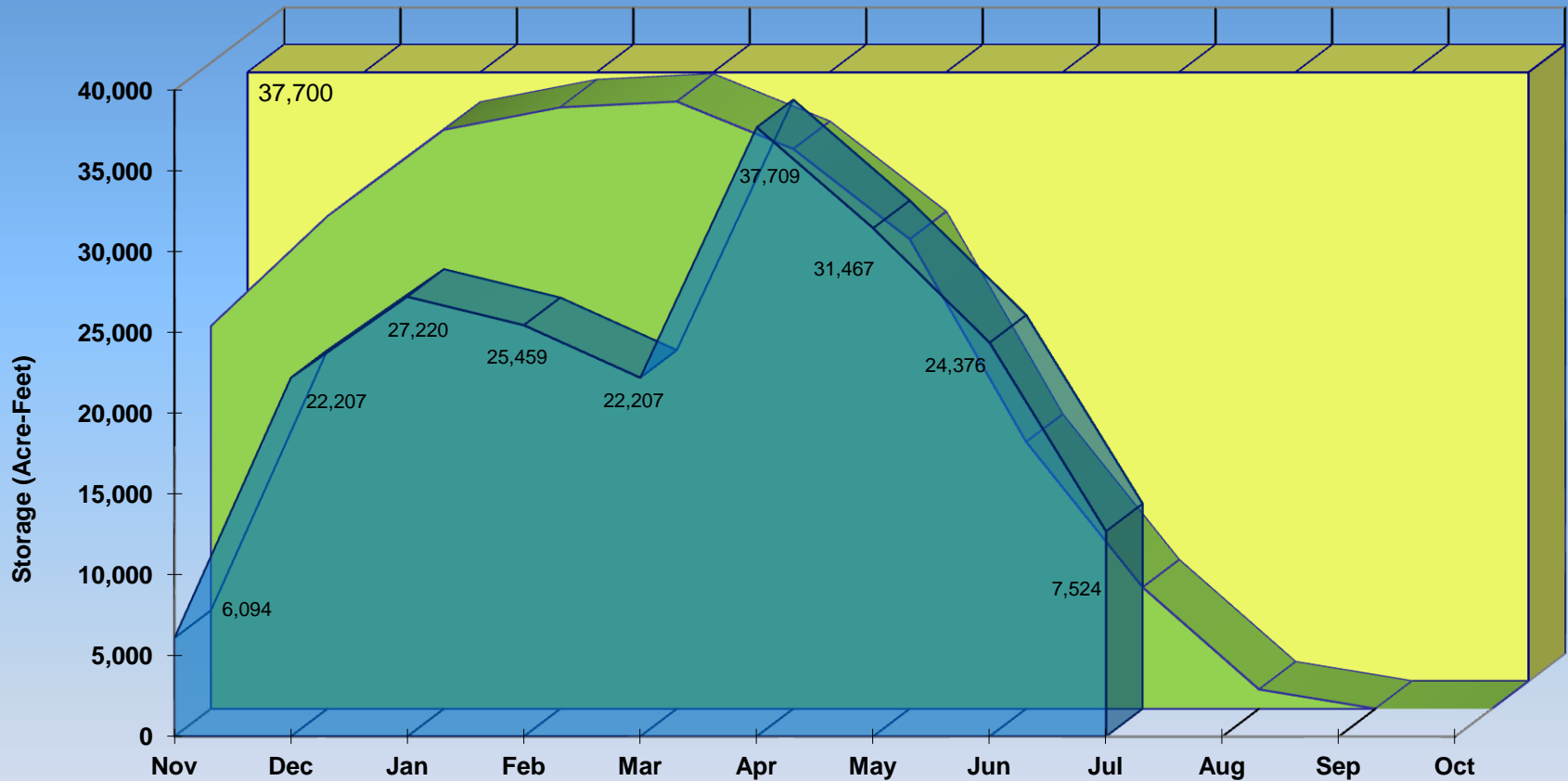
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# North Sterling Reservoir (District 64- Agricultural)



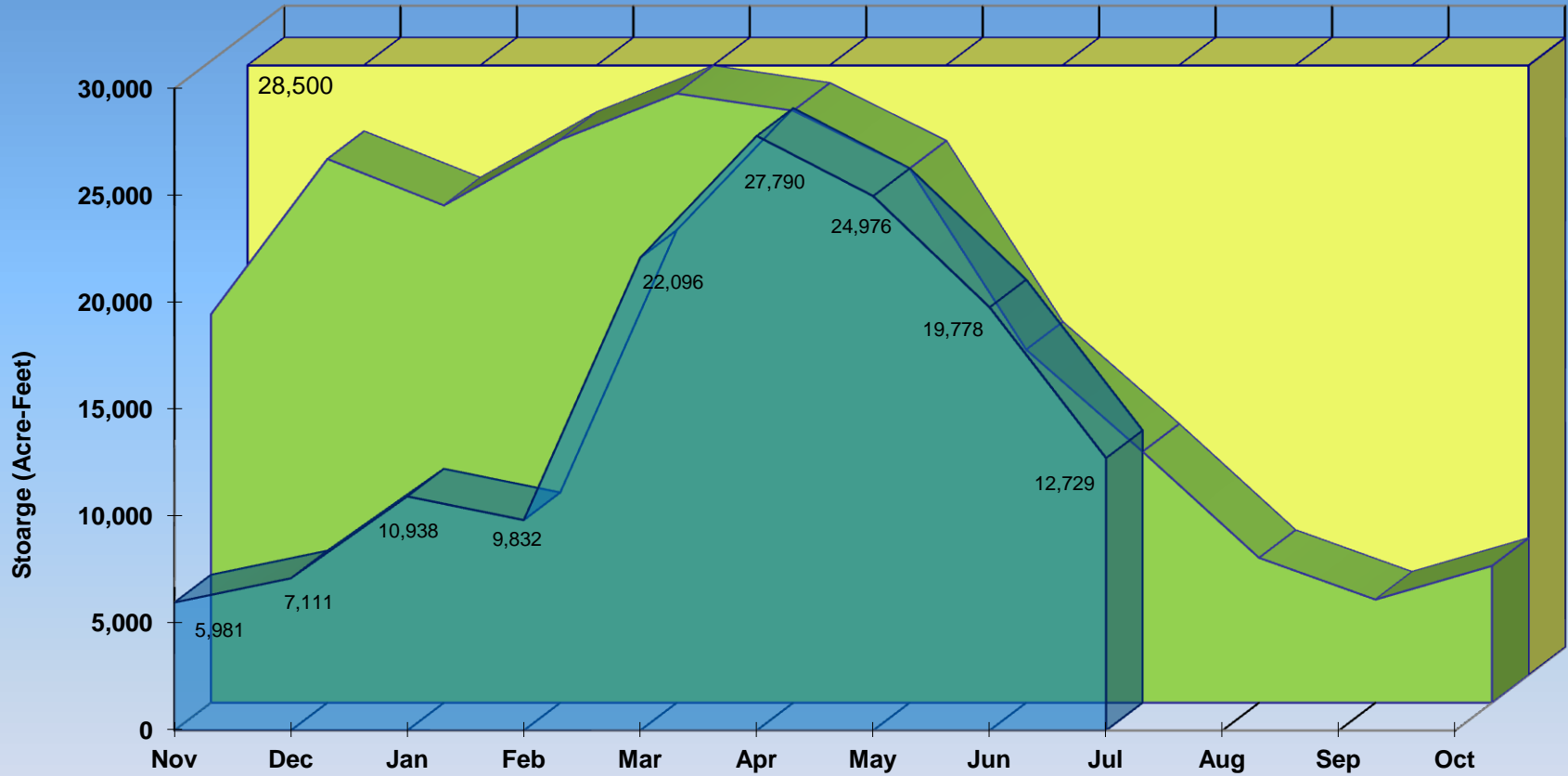
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Empire Reservoir (District 1- Agricultural)



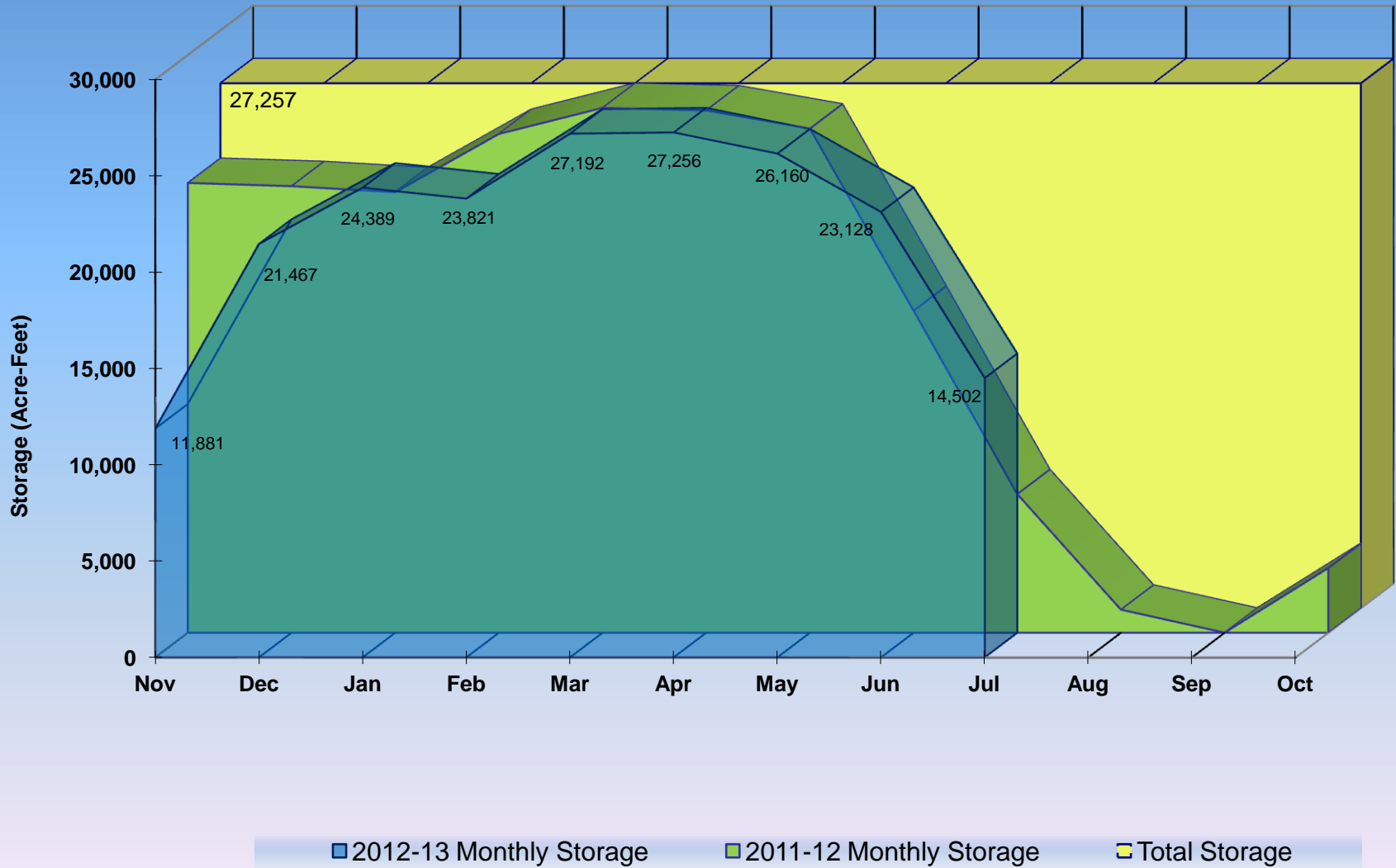
■ 2012-13 Monthly Storage     
 ■ 2011-12 Monthly Storage     
 ■ Total Storage

# Prewitt Reservoir (District 64- Agricultural)



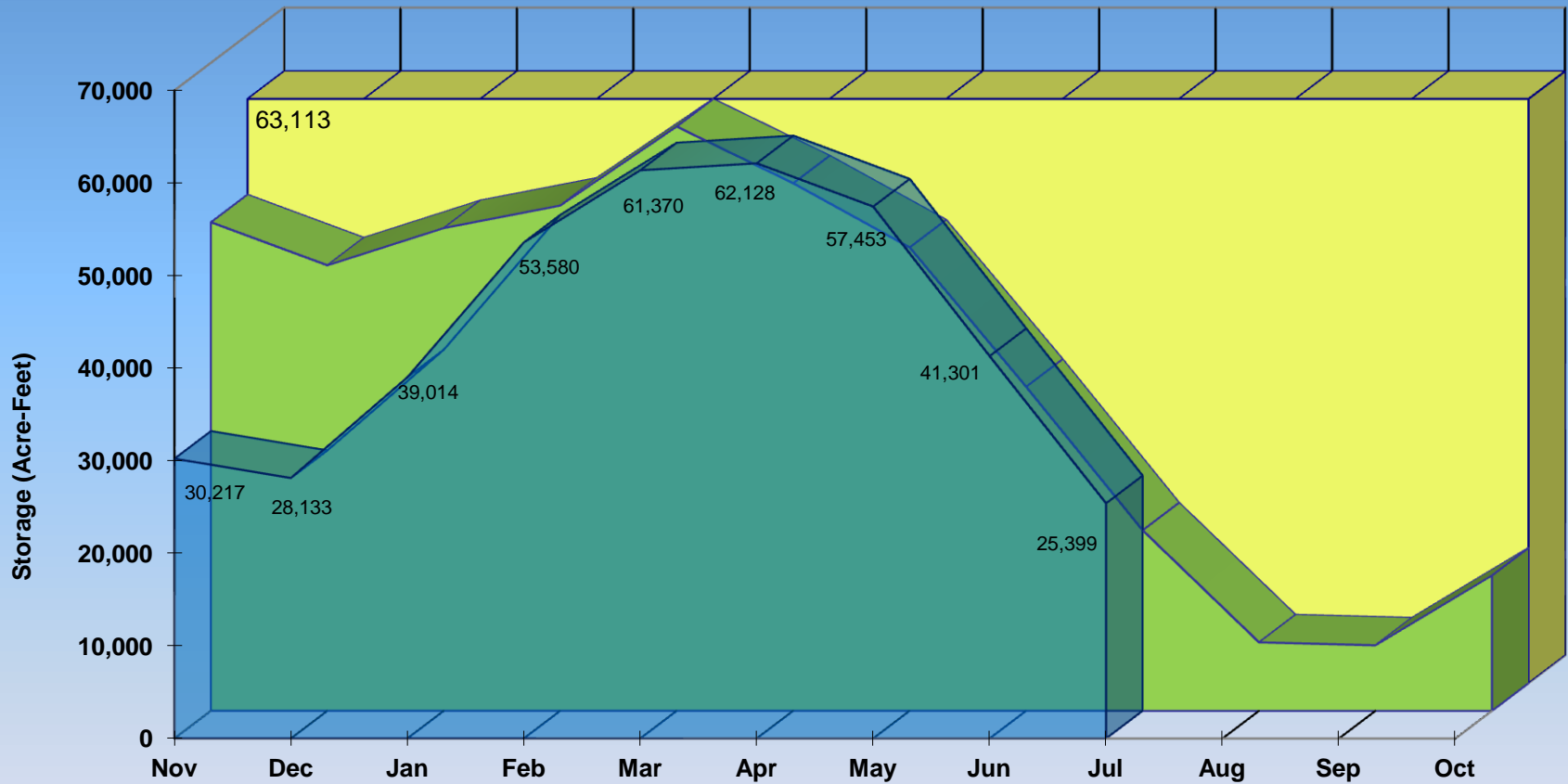
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Jackson Reservoir (District 1- Agricultural)





# Riverside Reservoir (District 1 - Agricultural)



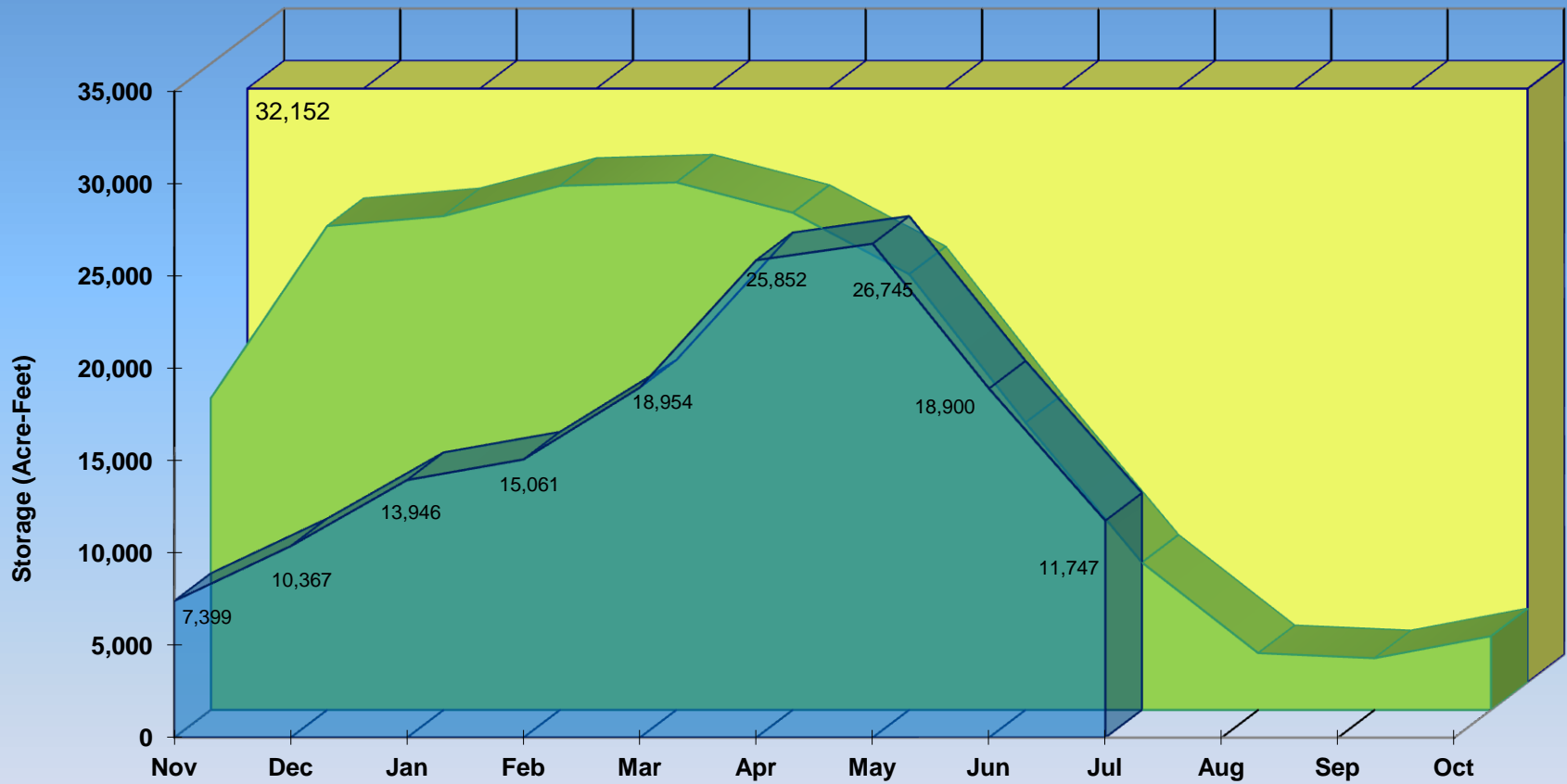
■ 2012-13 Monthly Storage

■ 2011-12 Monthly Storage

■ Total Storage

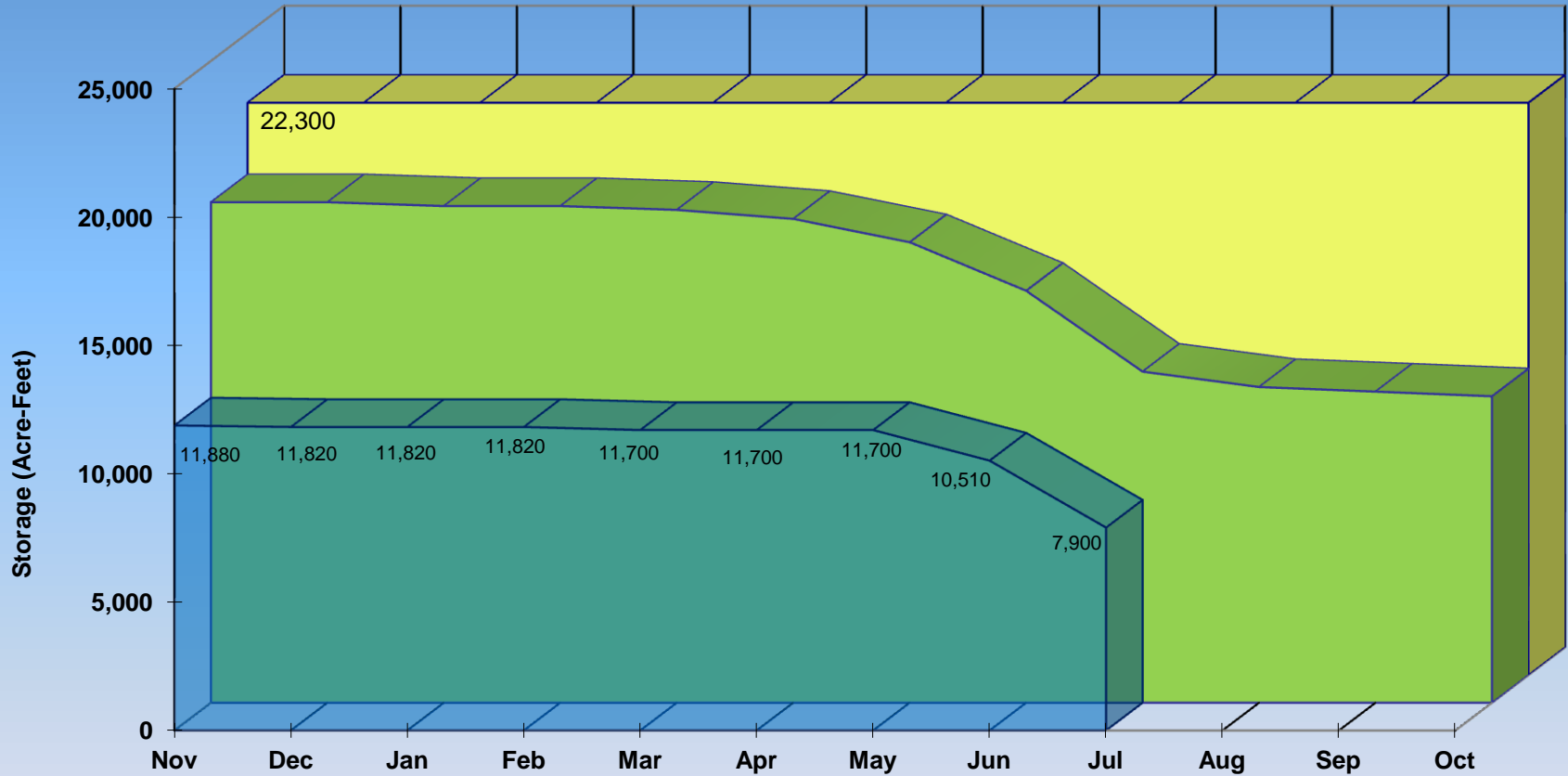
# Barr Lake

(District 2 - Agricultural)



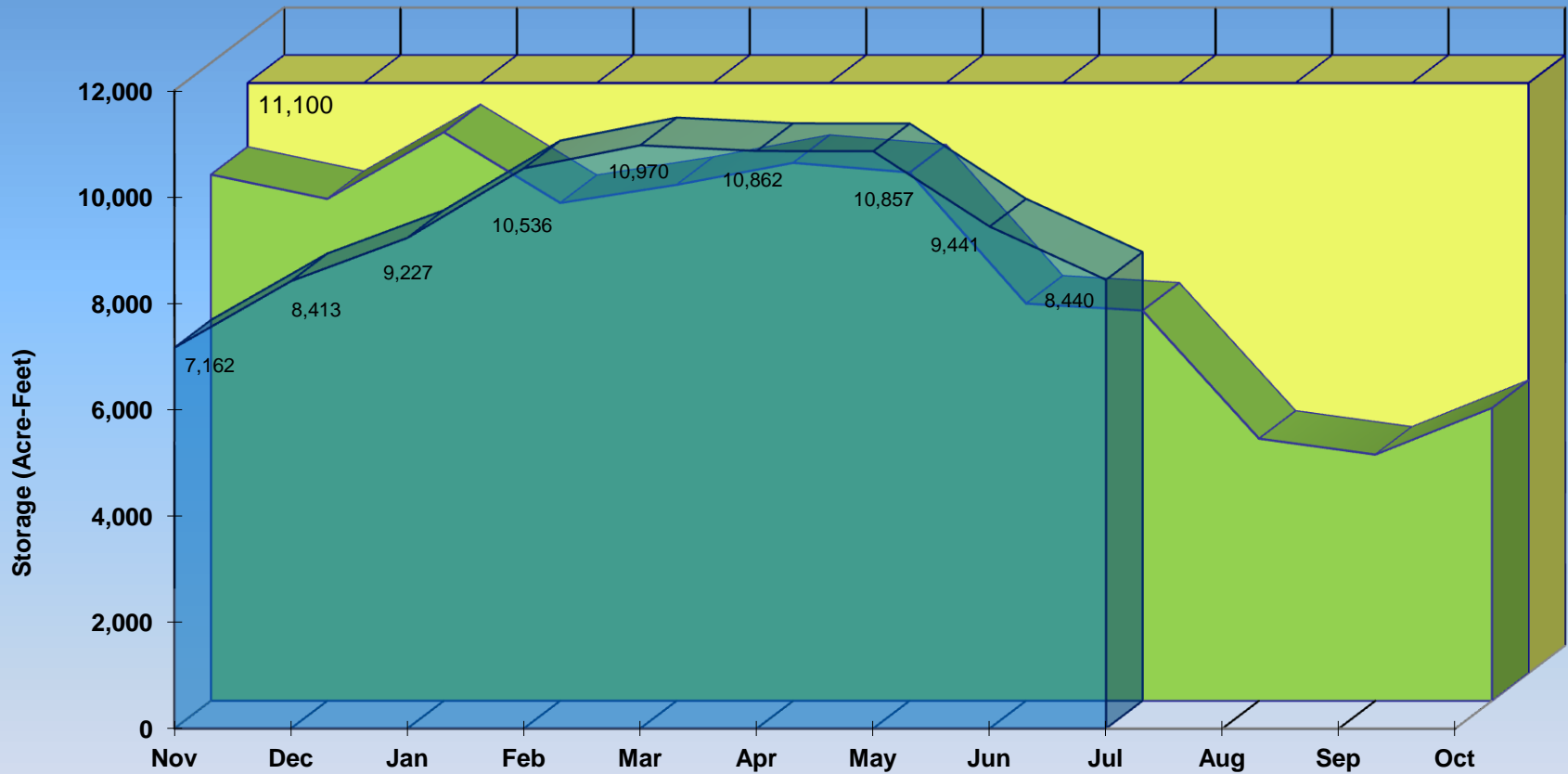
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

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



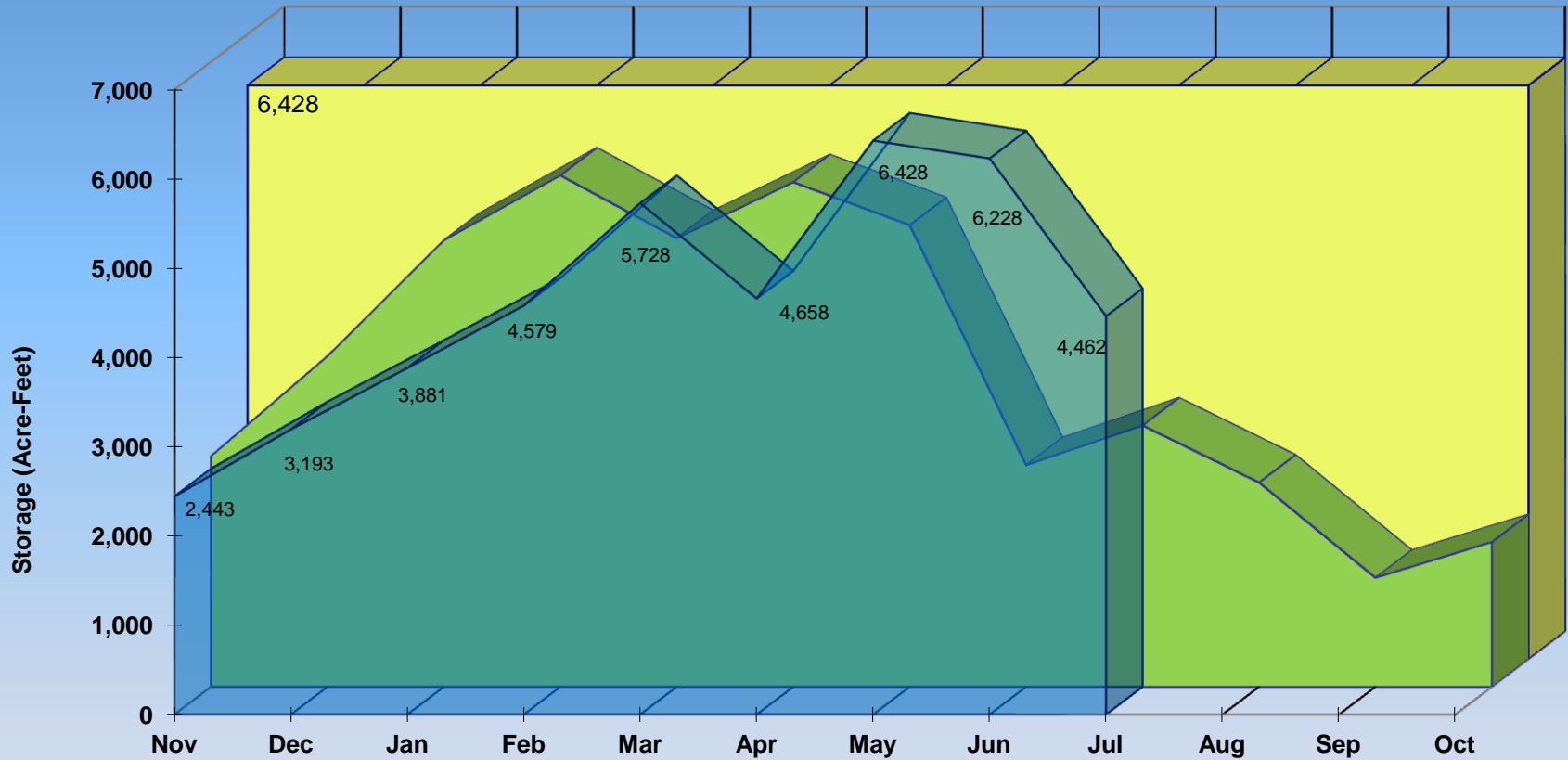
■ 2012-13 Monthly Storage     
 ■ 2011-12 Monthly Storage     
 ■ Total Storage

# 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)

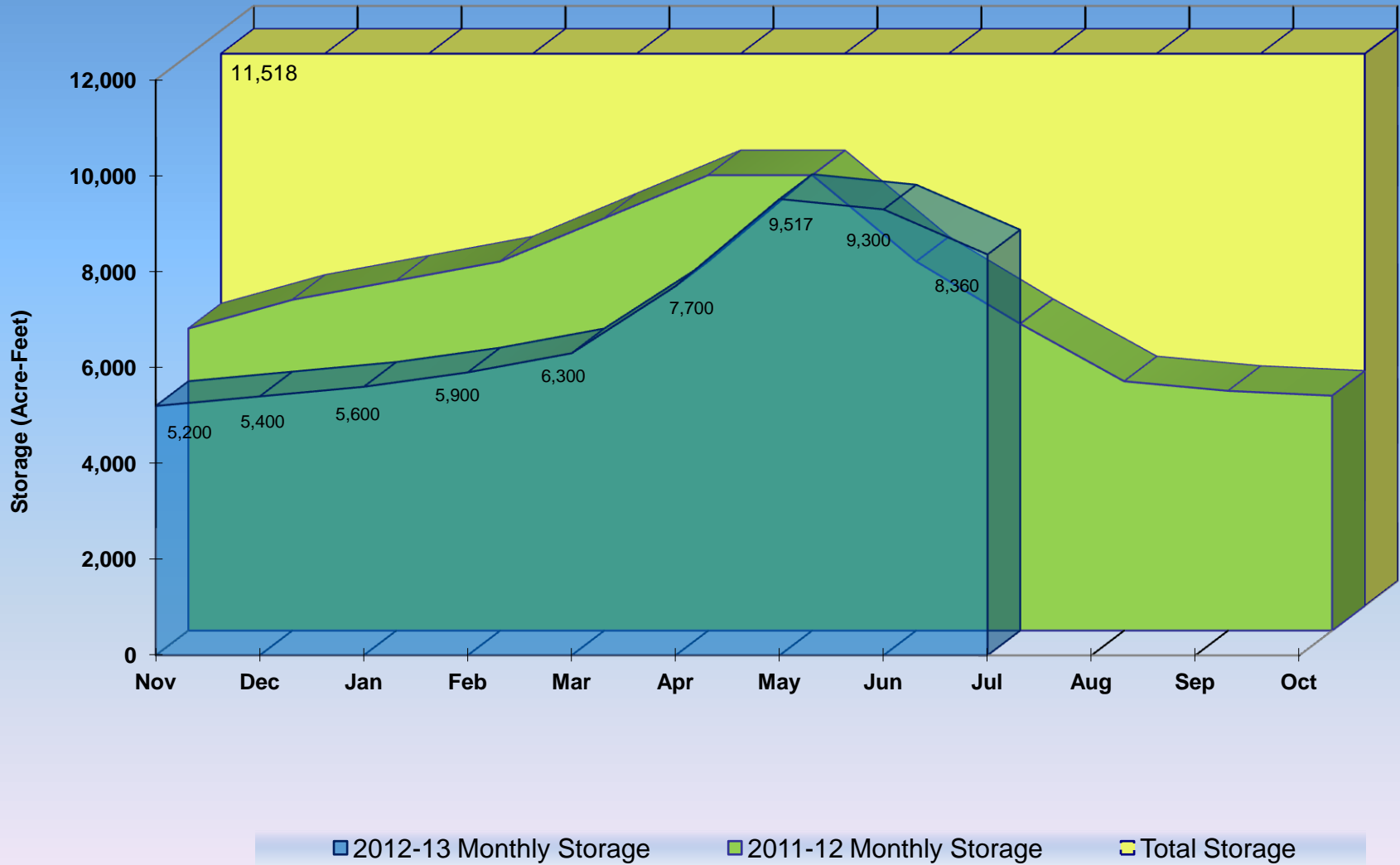


2012-13 Monthly Storage

2011-12 Monthly Storage

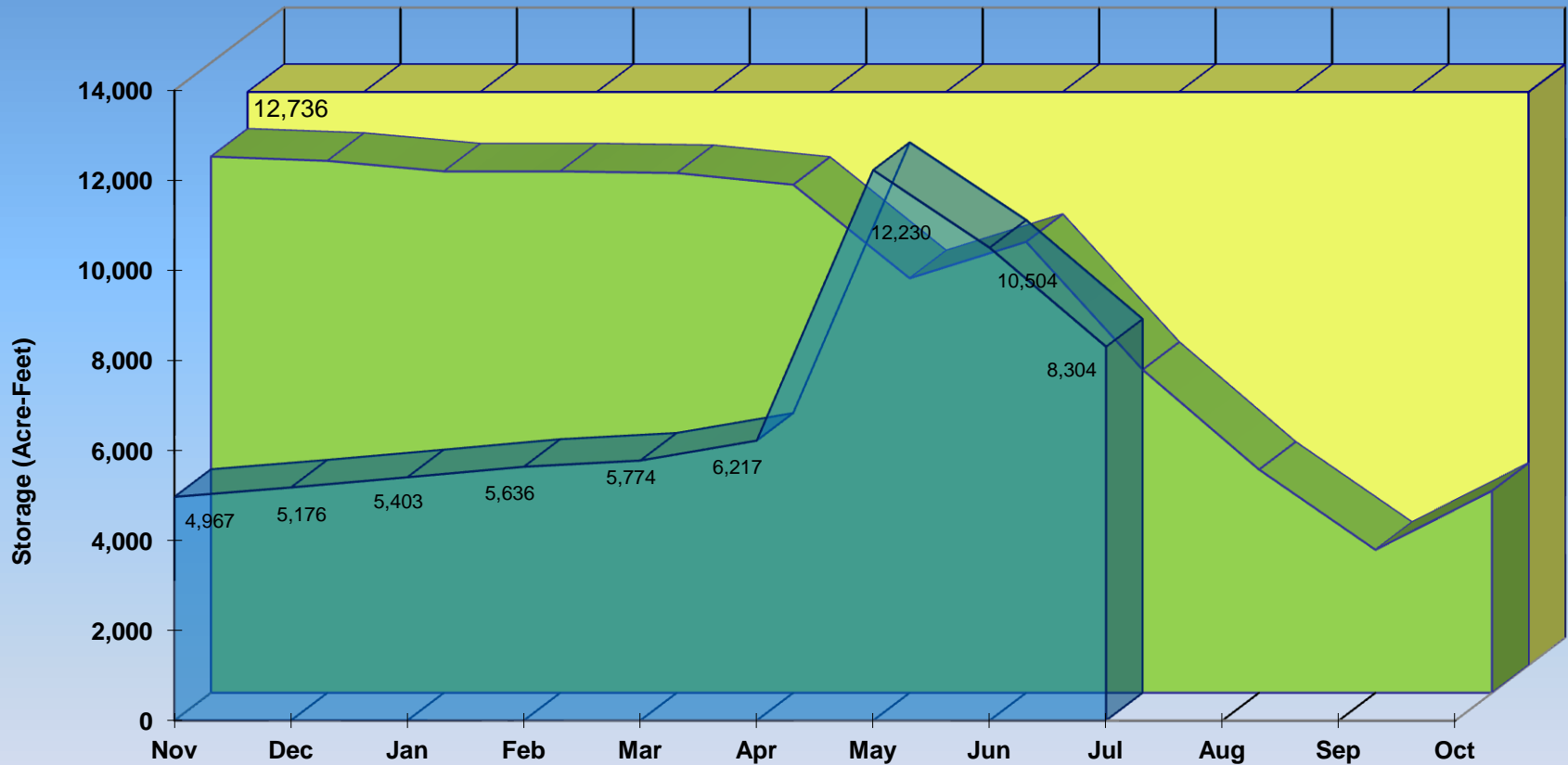
Total Storage

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



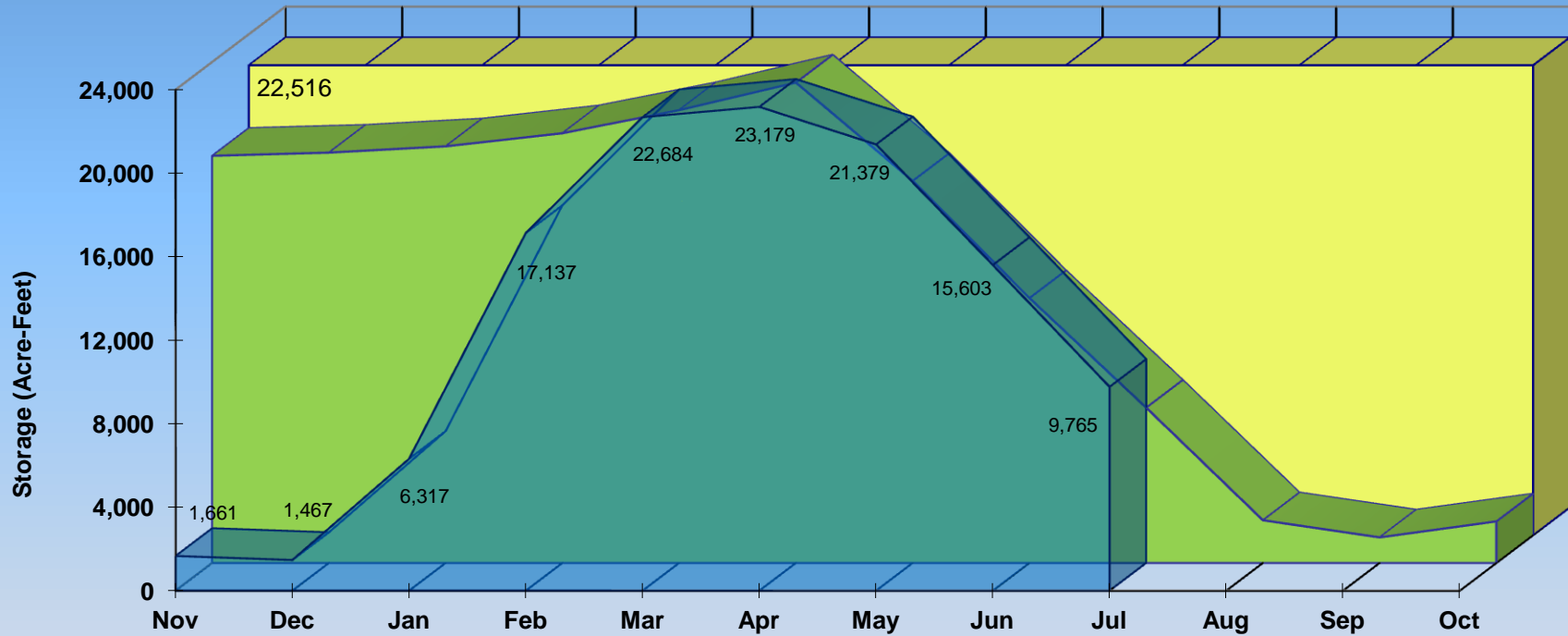


# Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



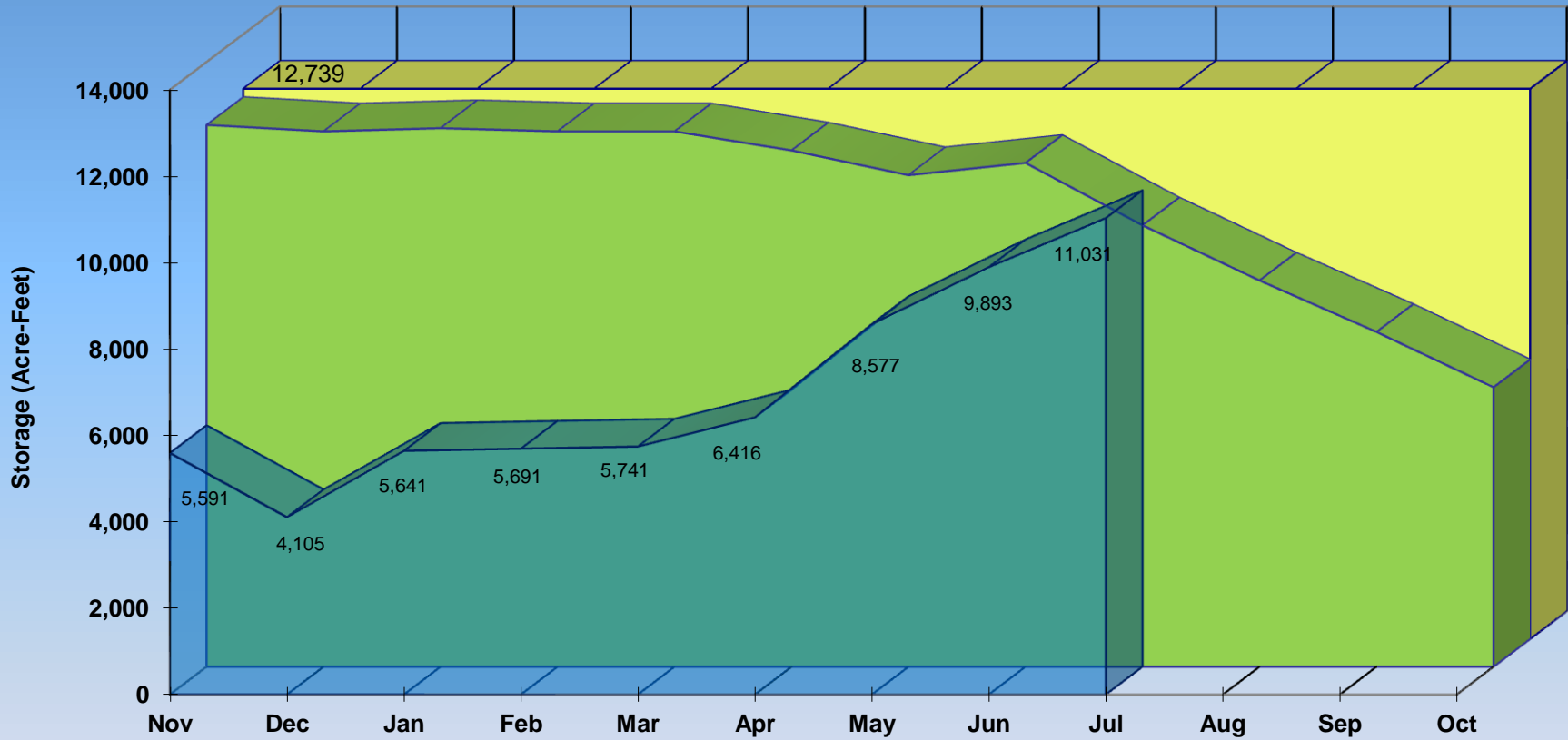
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Milton Reservoir (District 2 - Agricultural)



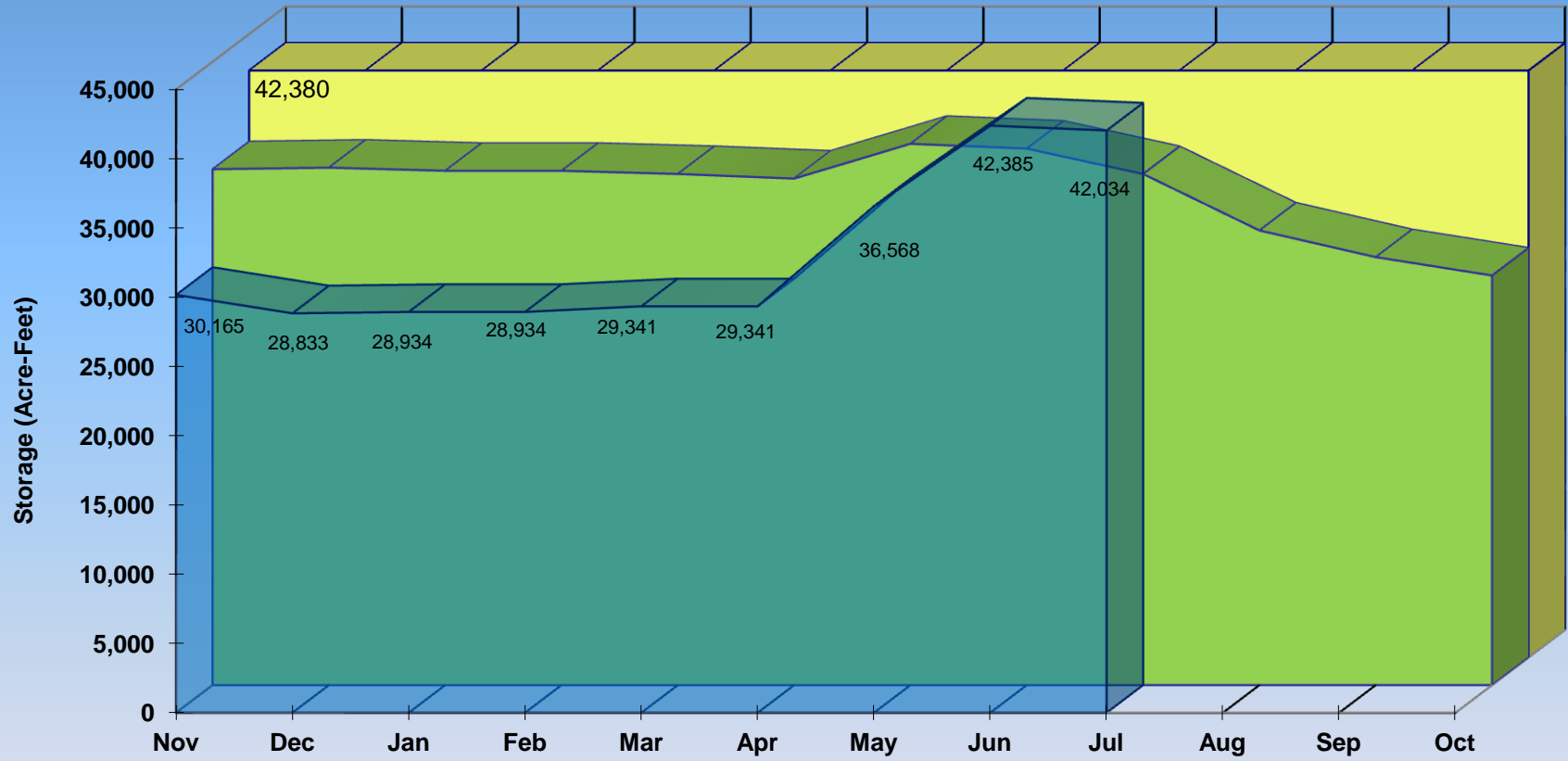
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

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



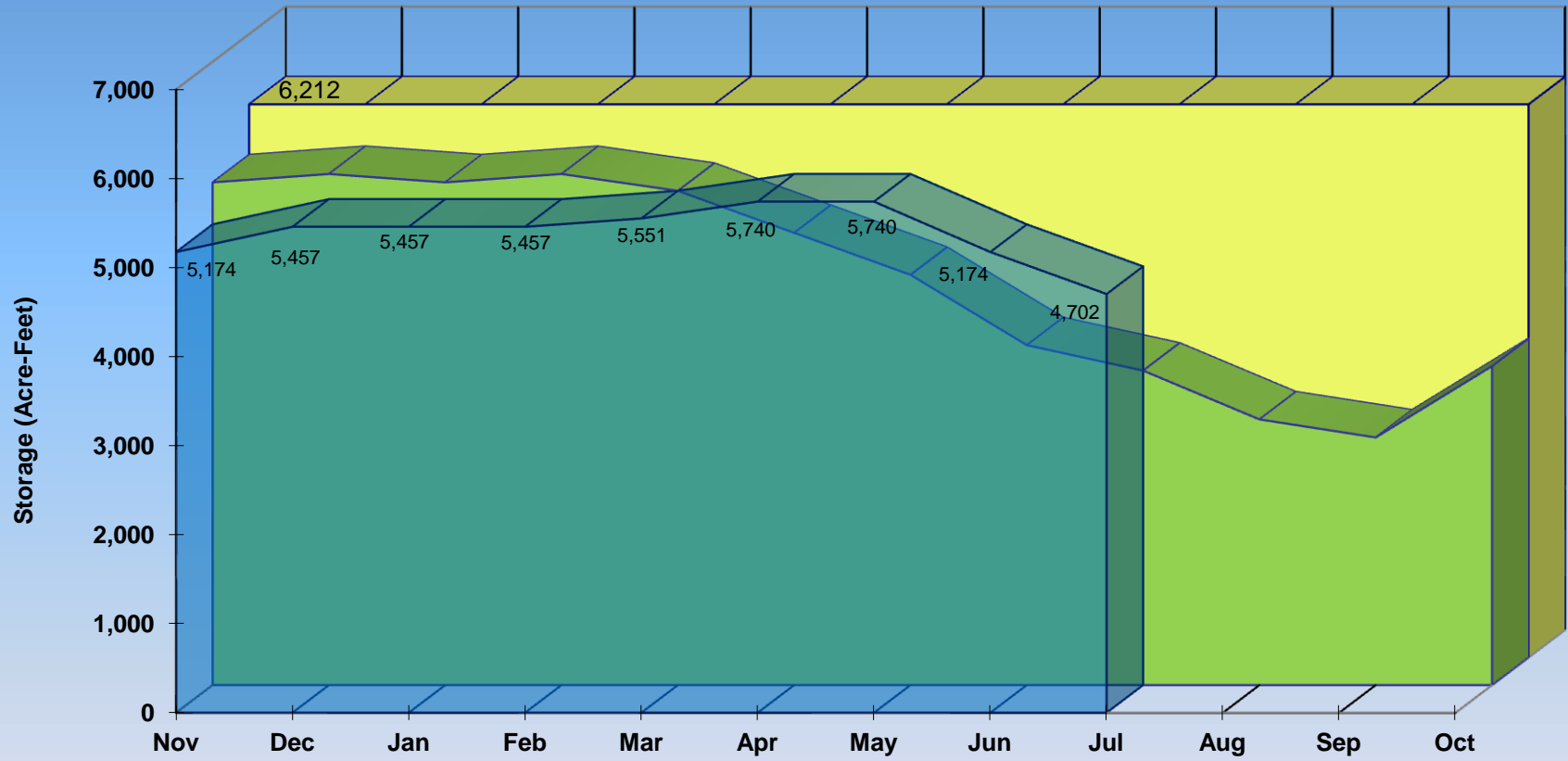
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Standley Lake (Agricultural)



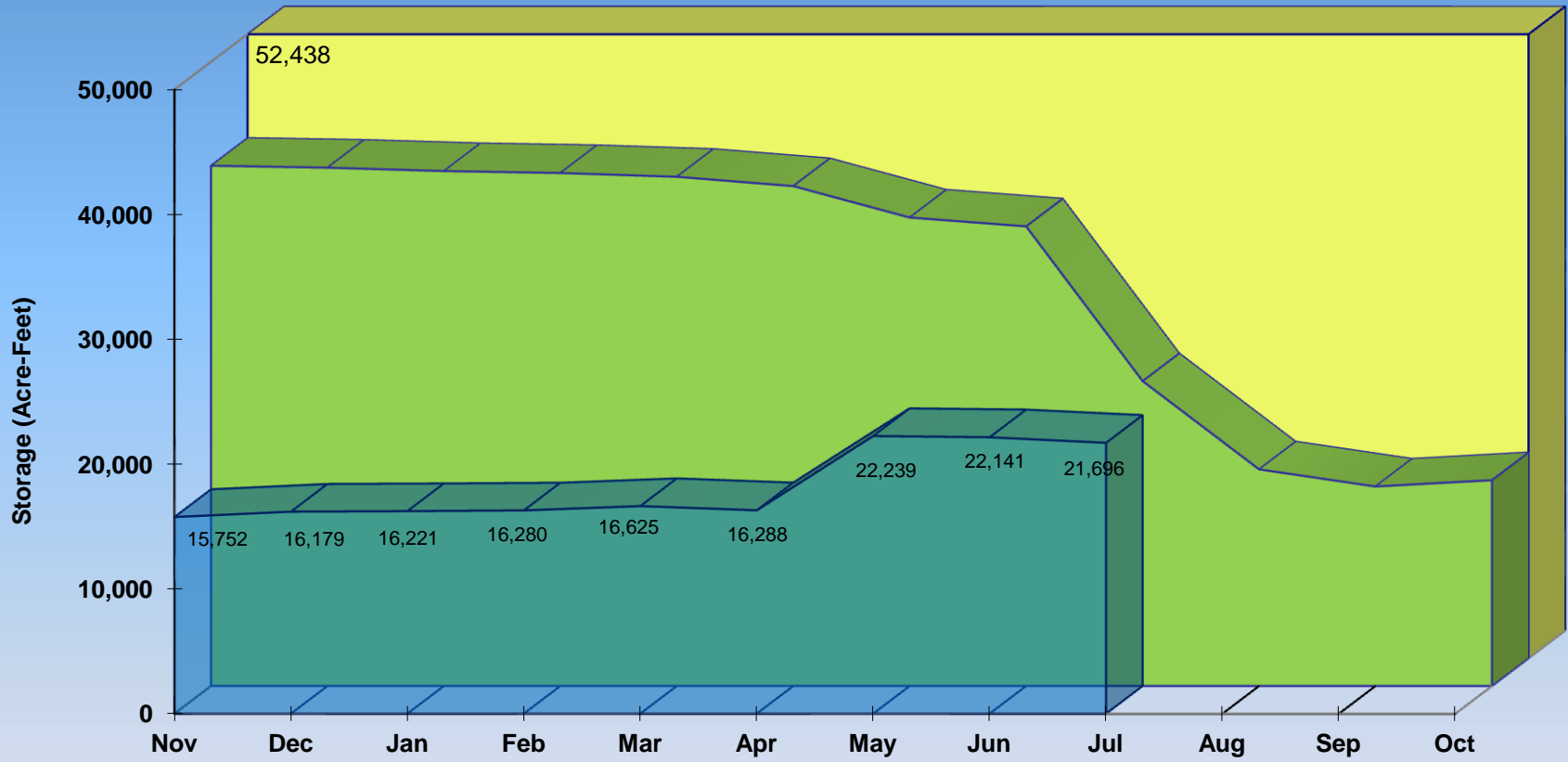
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage

# Lower Latham Reservoir (District 2 - Agricultural)



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

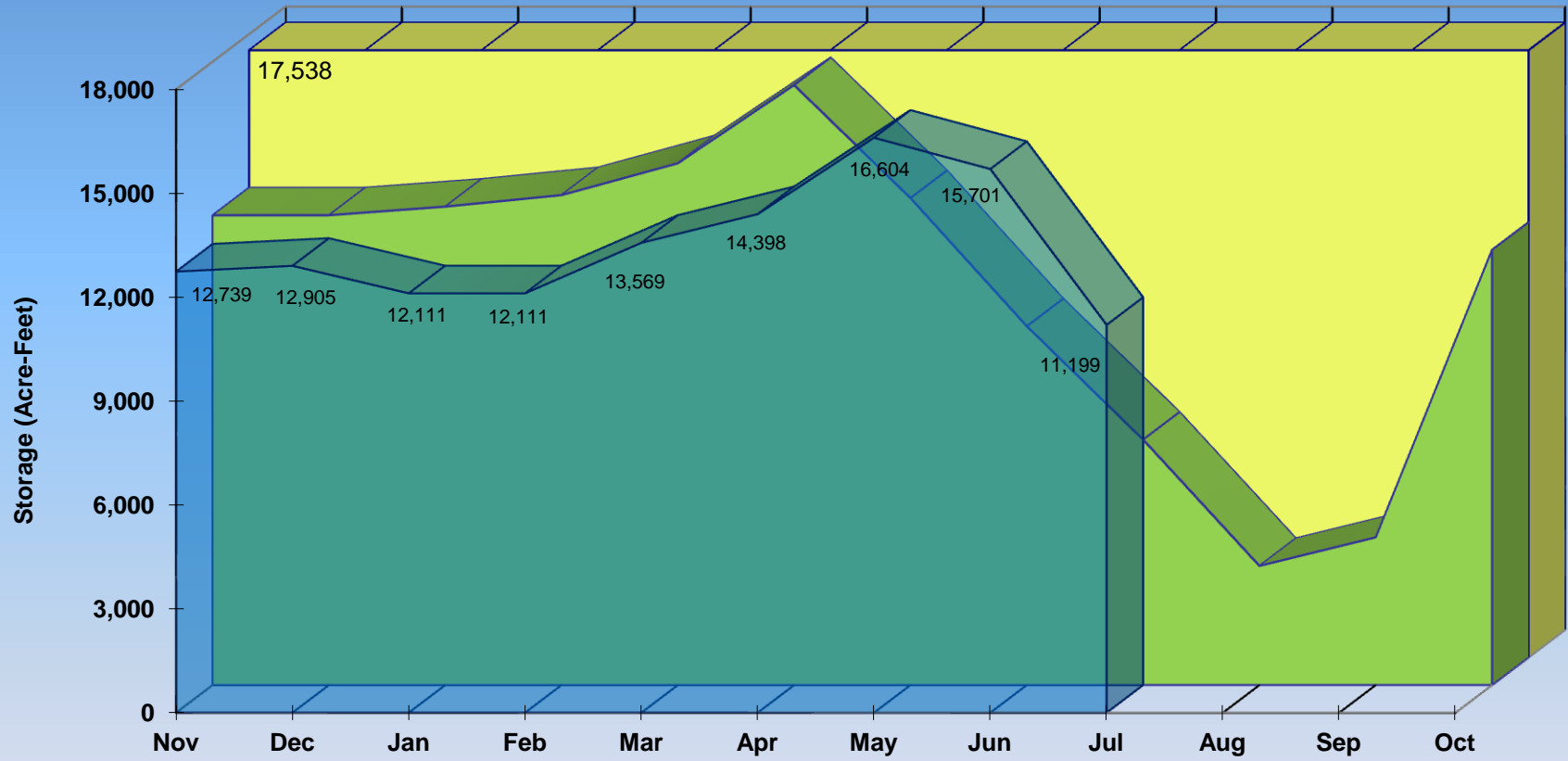
# Boyd Lake (District 4, Big Thompson River - Agricultural)



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

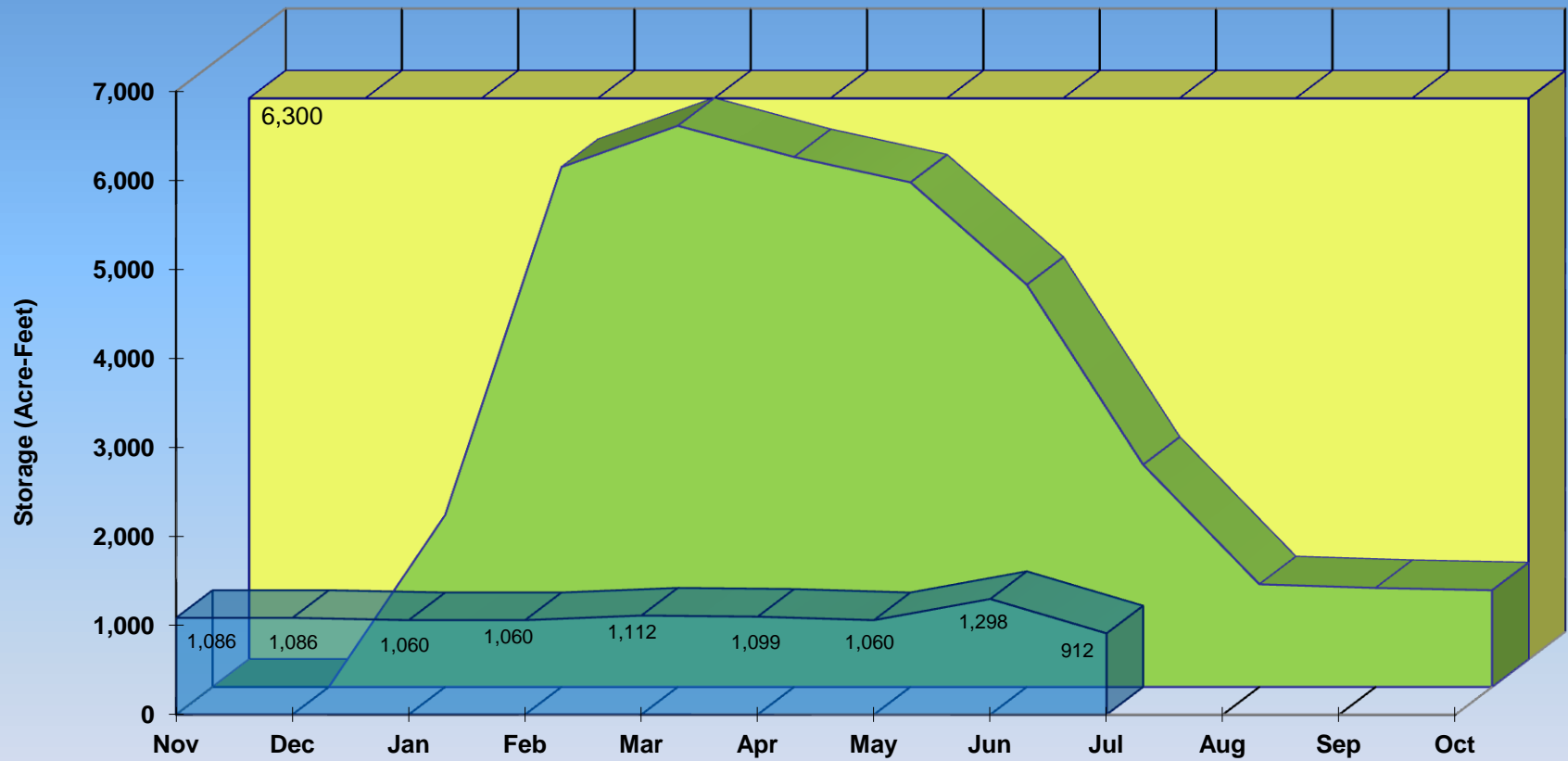


# Windsor Reservoir (District 3, Poudre River - Agricultural)



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

# Prospect Reservoir (District 1- Agricultural)

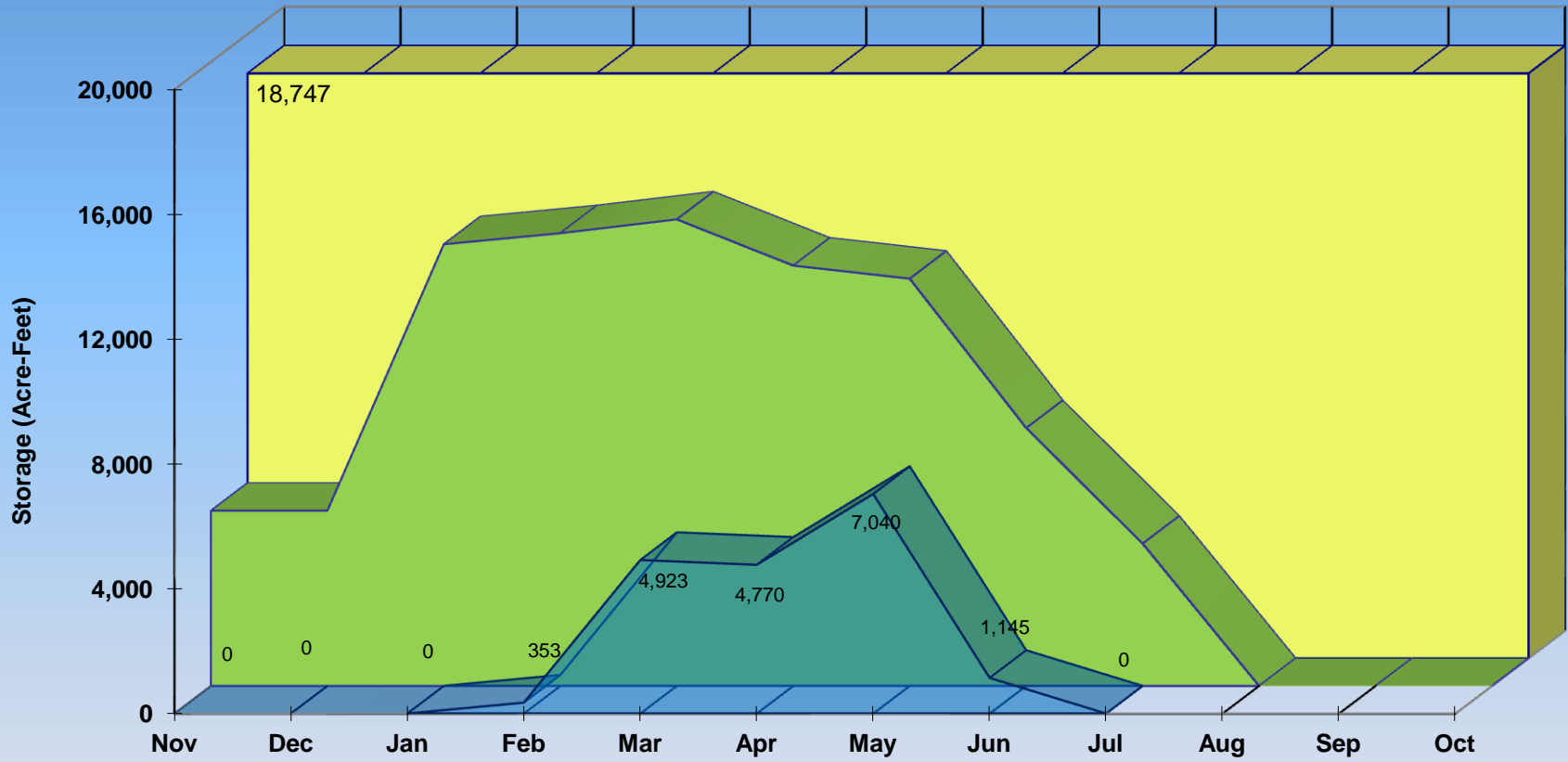


2012-13 Monthly Storage

2011-12 Monthly Storage

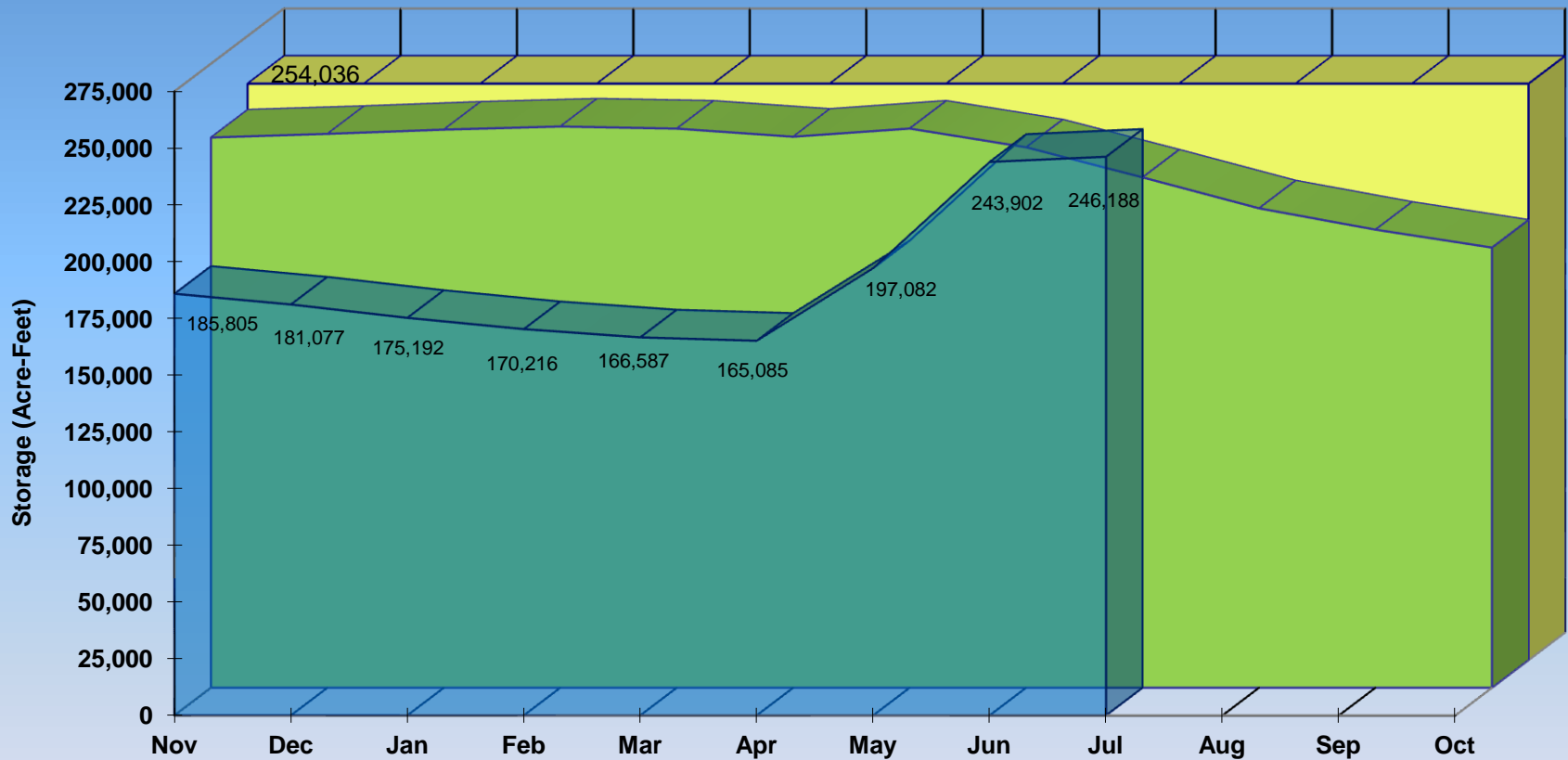
Total Storage

# Horse Creek Reservoir (District 1 - Agricultural)



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

# Dillon Reservoir (Municipal)

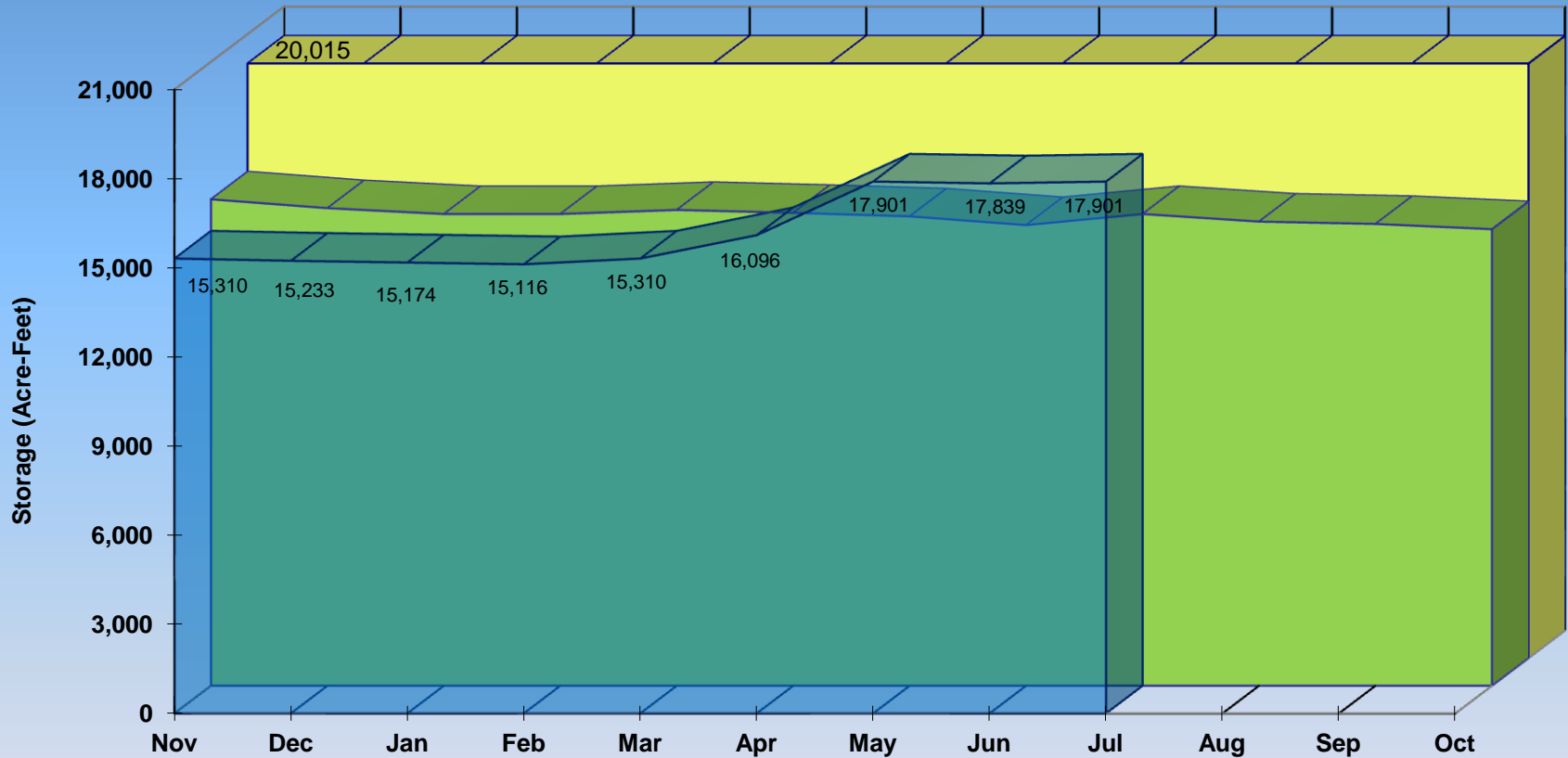


2012-13 Monthly Storage

2011-12 Monthly Storage

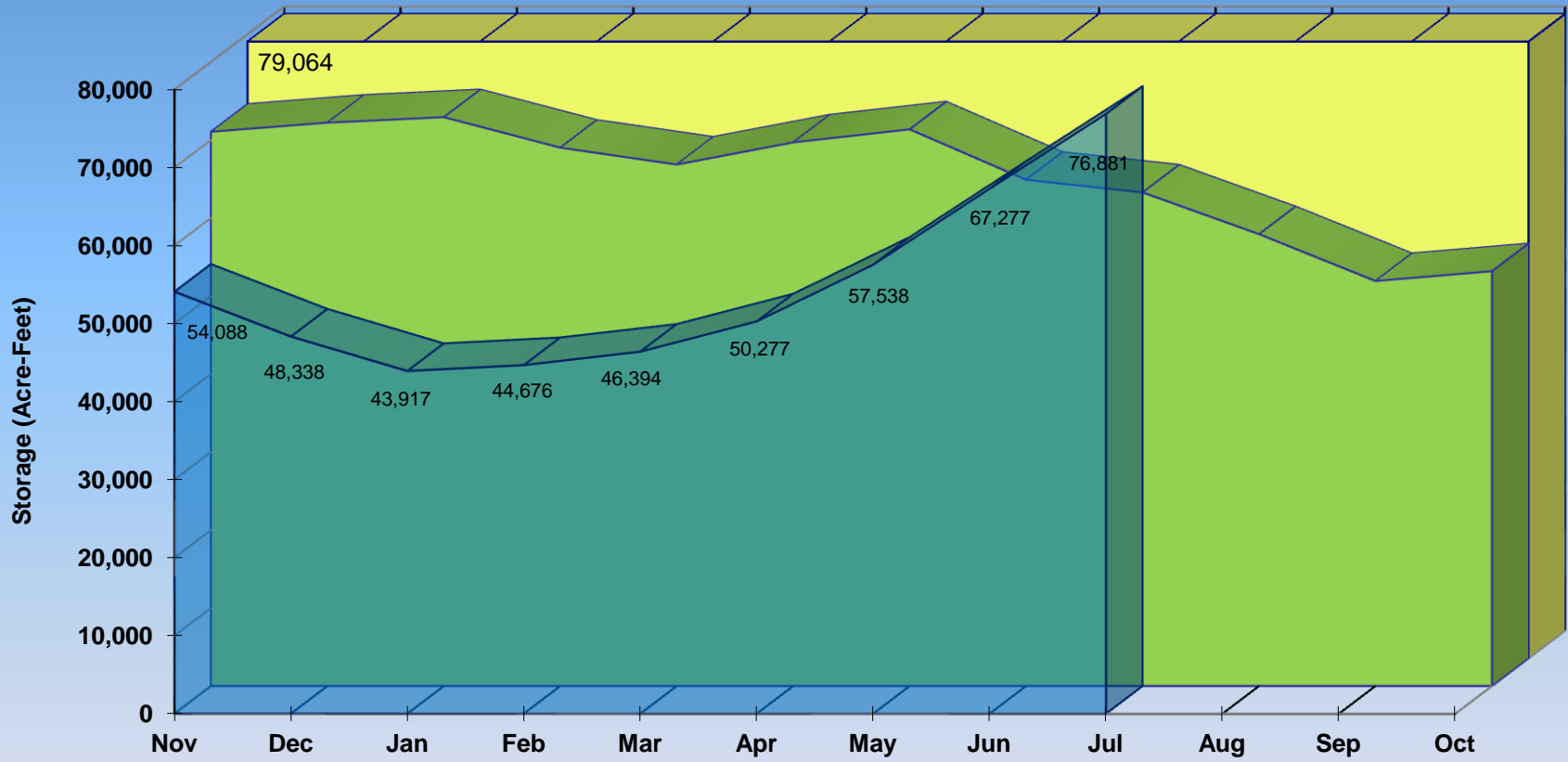
Total Storage

# Antero Reservoir (District 23 - Municipal)



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

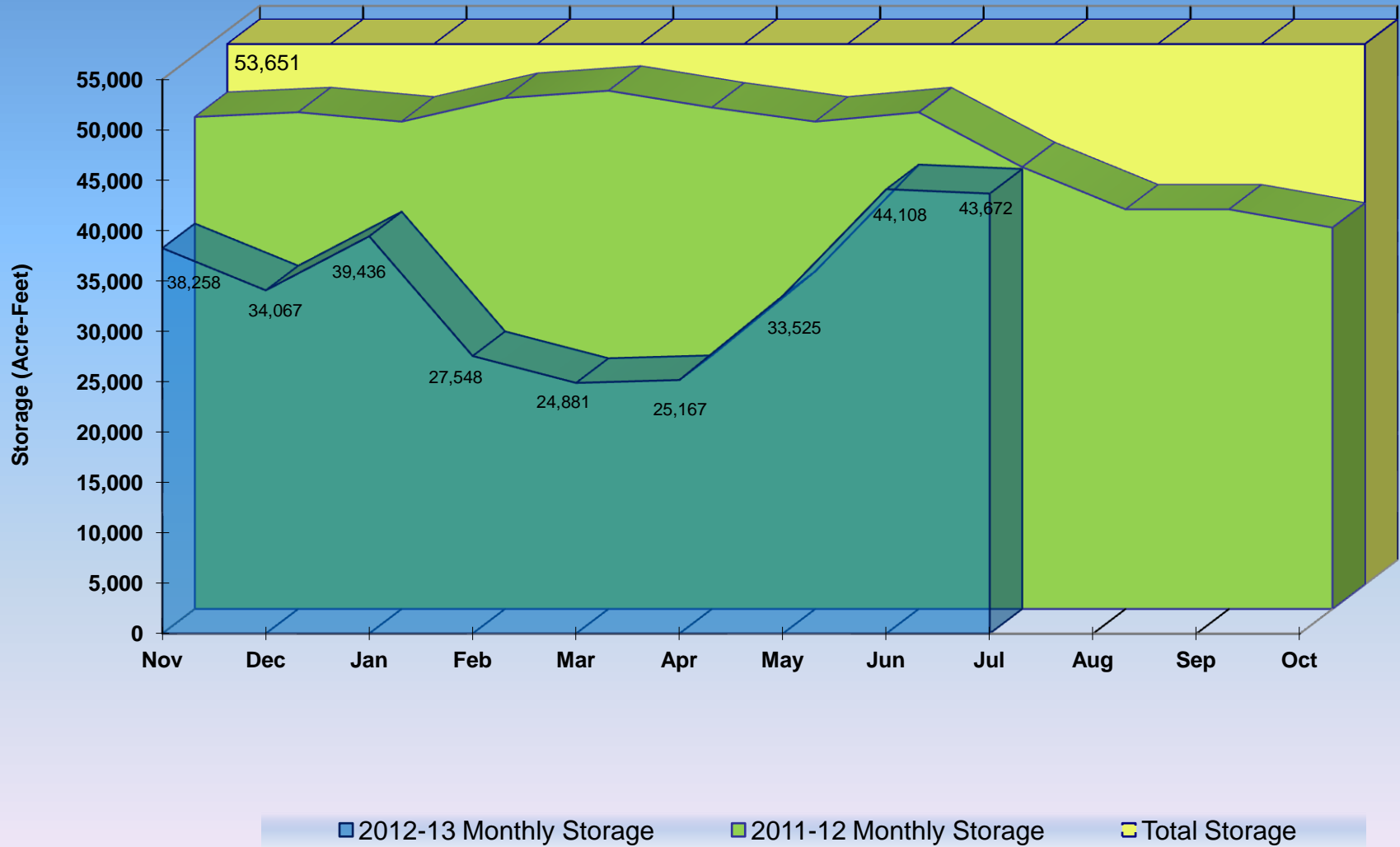
# Cheesman Reservoir (District 80 - Municipal)



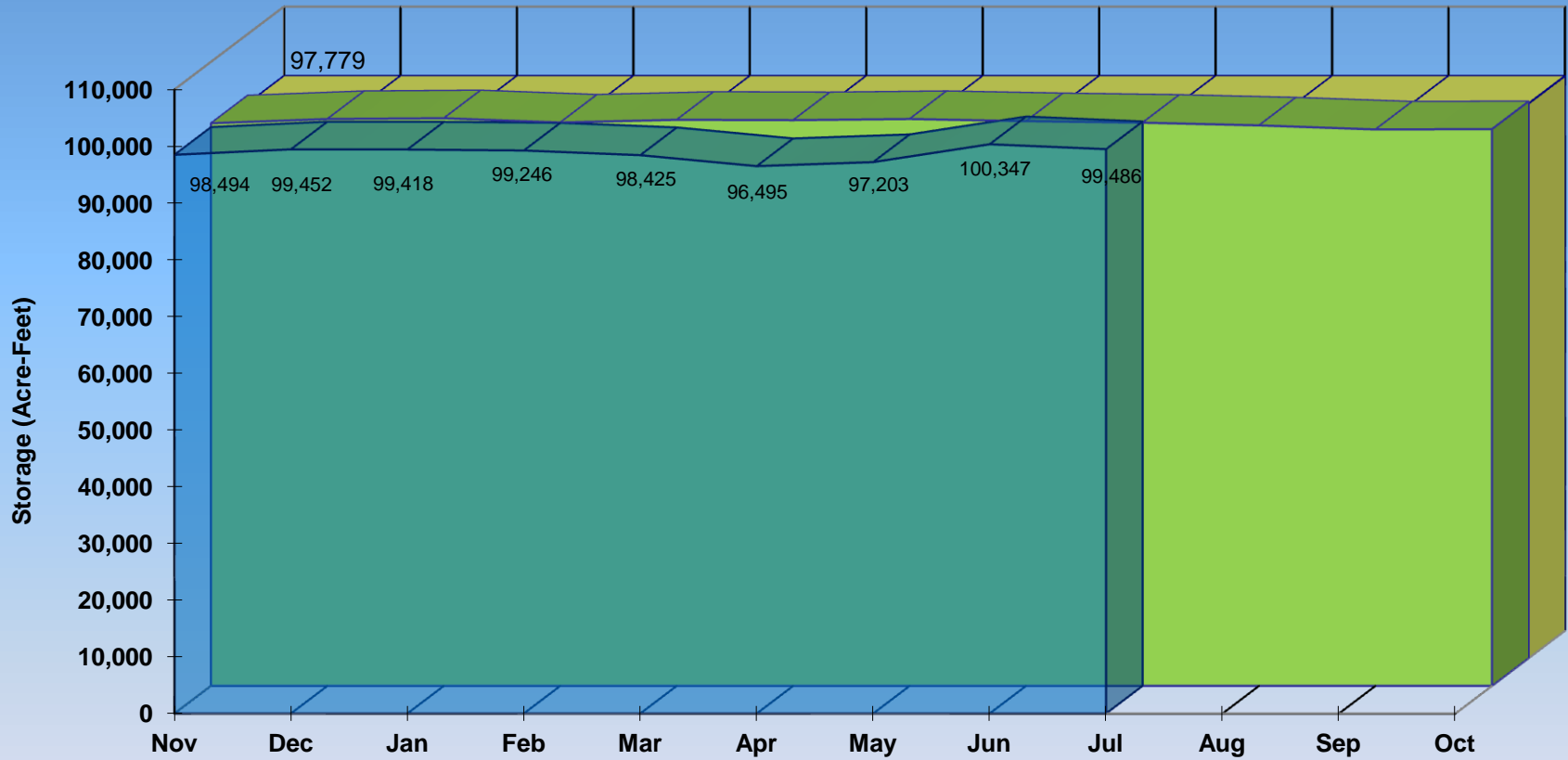
■ 2012-13 Monthly Storage    
 ■ 2011-12 Monthly Storage    
 ■ Total Storage



# Spinney Mountain Reservoir (District 23 - Municipal)

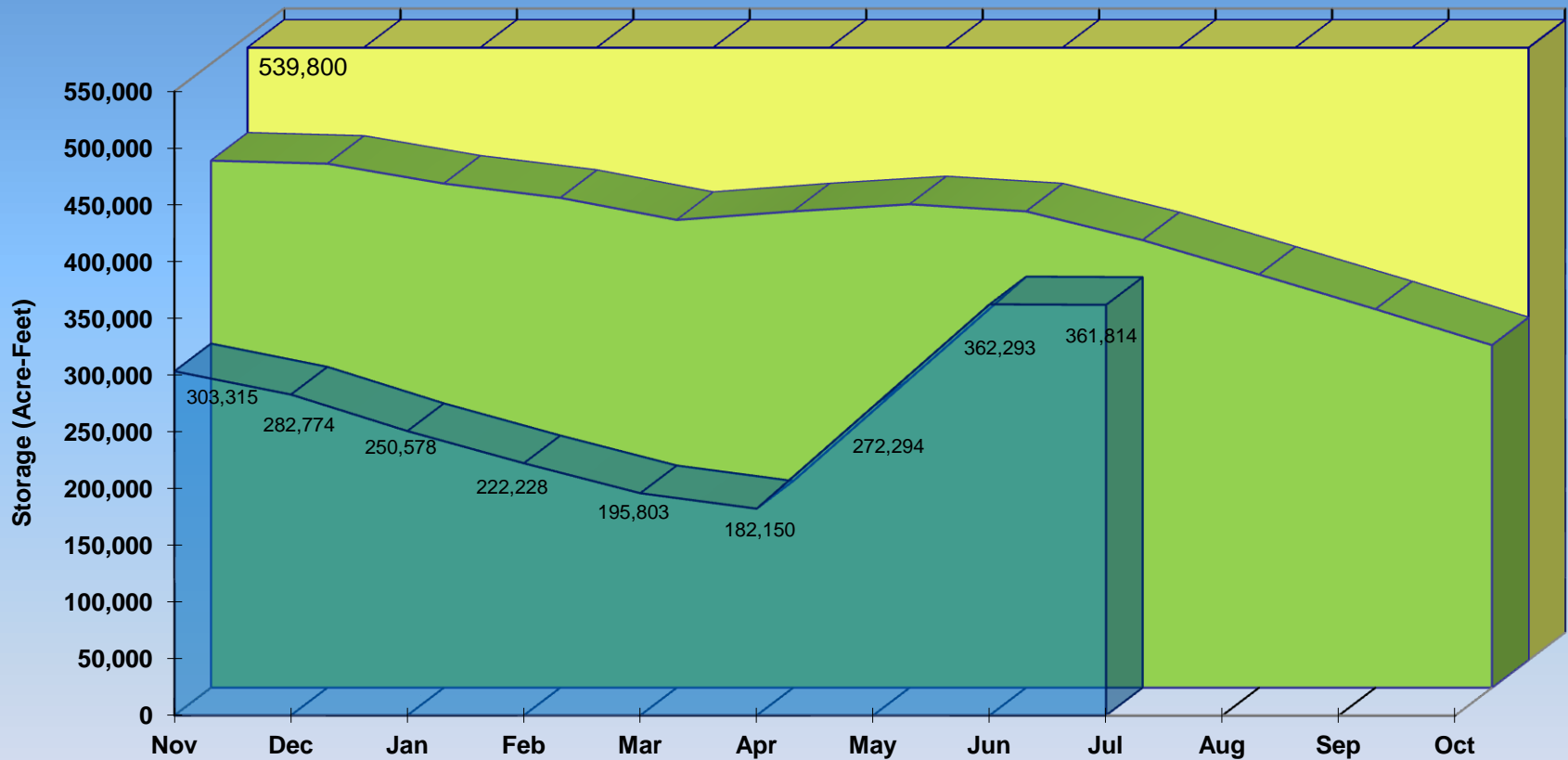


# Eleven Mile Reservoir (District 23 - Municipal)



■ 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.**

