



**COLORADO**  
Division of Water Resources  
Department of Natural Resources

## South Platte Summary October 2022

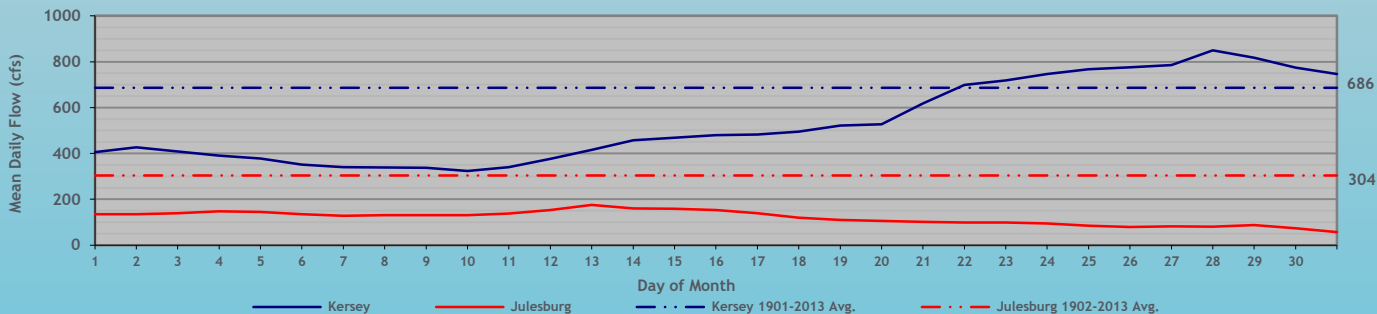
Compiled by Lee Cunning, P.E.

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

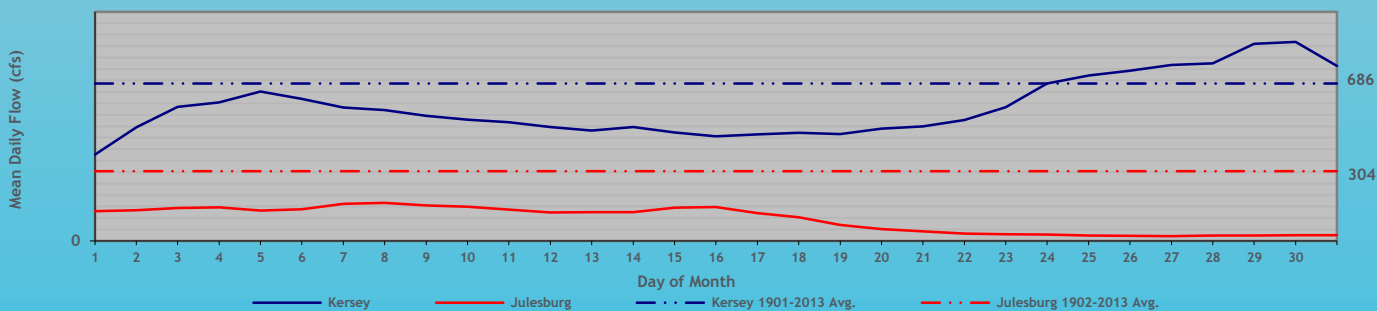
## MONTH OF October 2022

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	892	1,053	64	161	18%	5%	25%	0
N STERLING	73,730	4,512	6,236	64	1,724	38%	8%	6%	0
PREWITT	28,500	7,168	7,515	64	347	5%	26%	68%	0
JACKSON	27,257	1,200	3,680	1	2,480	207%	14%	43%	0
EMPIRE	37,700	3,142	2,445	1	-697	-22%	6%	16%	0
RIVERSIDE	63,113	7,983	12,938	1	4,955	62%	20%	20%	0
BARR LAKE	32,152	3,428	6,502	2	3,074	90%	20%	27%	0
CHEESMAN	79,064	74,373	66,535	80	-7,838	-11%	84%	94%	0
ELEVEN MILE	97,779	100,347	100,761	23	414	0%	100%	100%	2,982
SPINNEY	53,651	39,049	25,579	23	-13,470	-34%	48%	62%	0
ANTERO	20,015	20,035	20,144	23	109	1%	100%	100%	129

KERSEY and JULESBURG  
October 2021

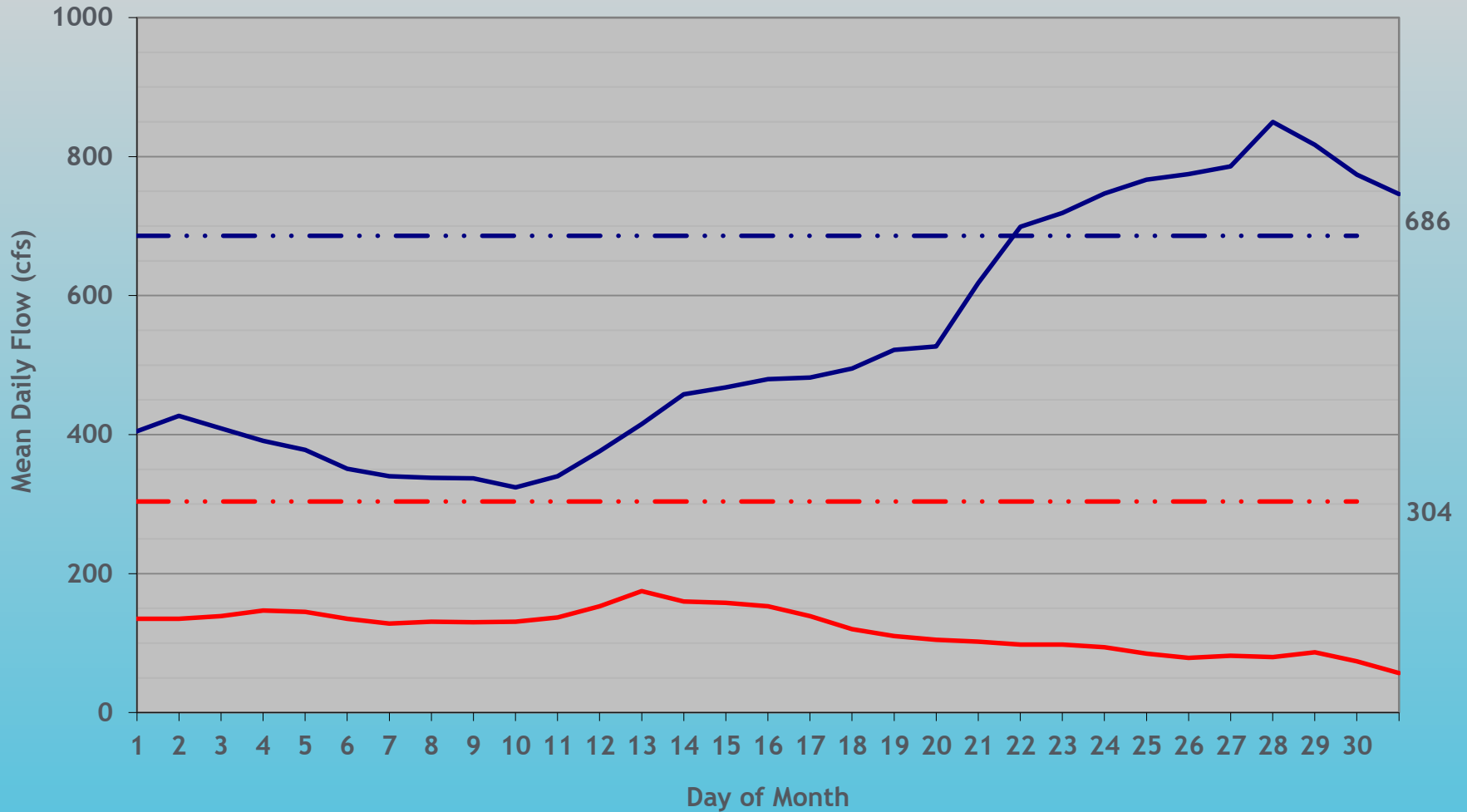


KERSEY and JULESBURG  
October 2022



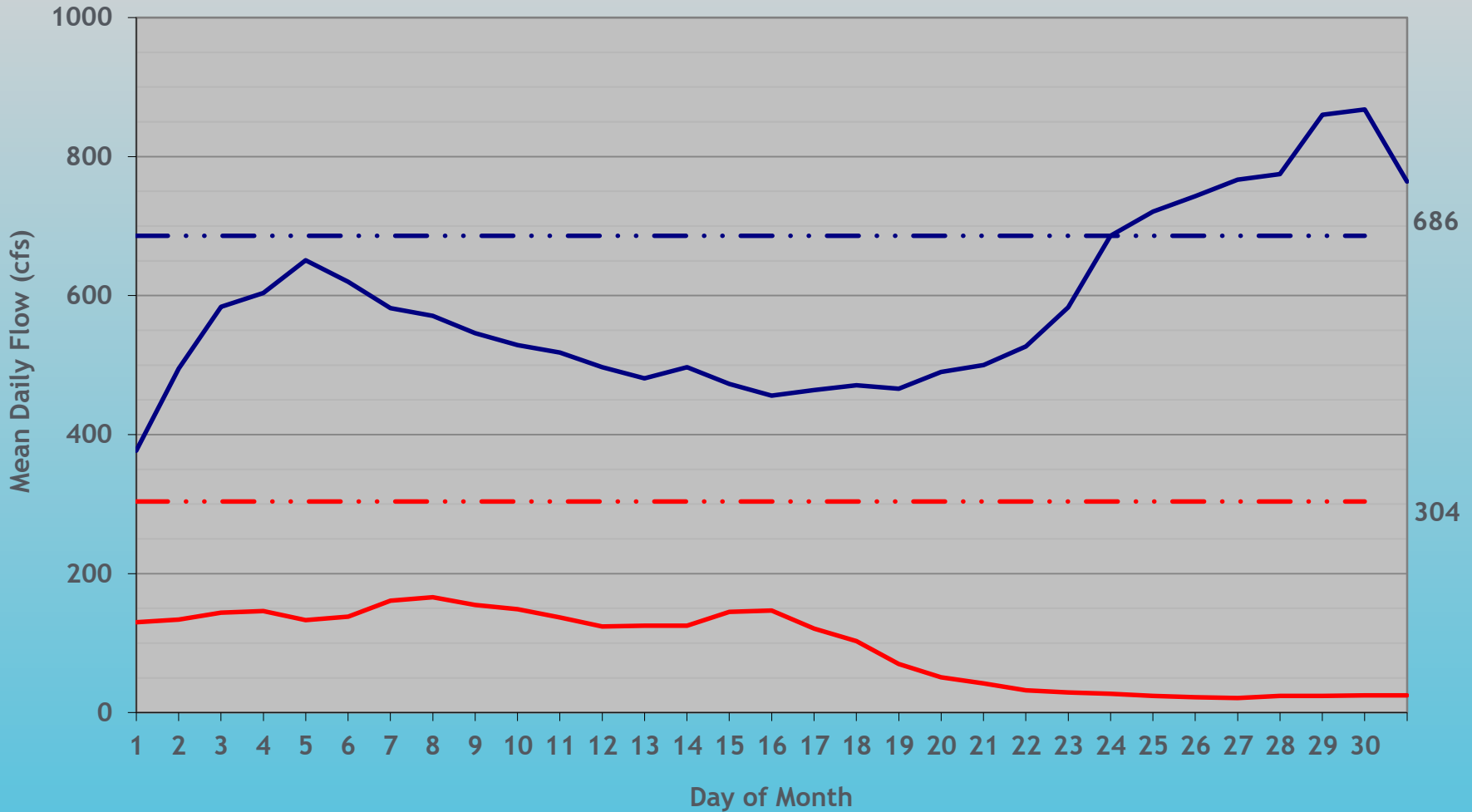
RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>586</b>
<b>JULESBURG</b>	<b>94</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>534</b>
<b>JULESBURG</b>	<b>119</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>686</b>
<b>JULESBURG</b>	<b>304</b>
*Kersey 1901 - 2016	
*Julesburg 1902 - 2016	

# KERSEY and JULESBURG October 2021



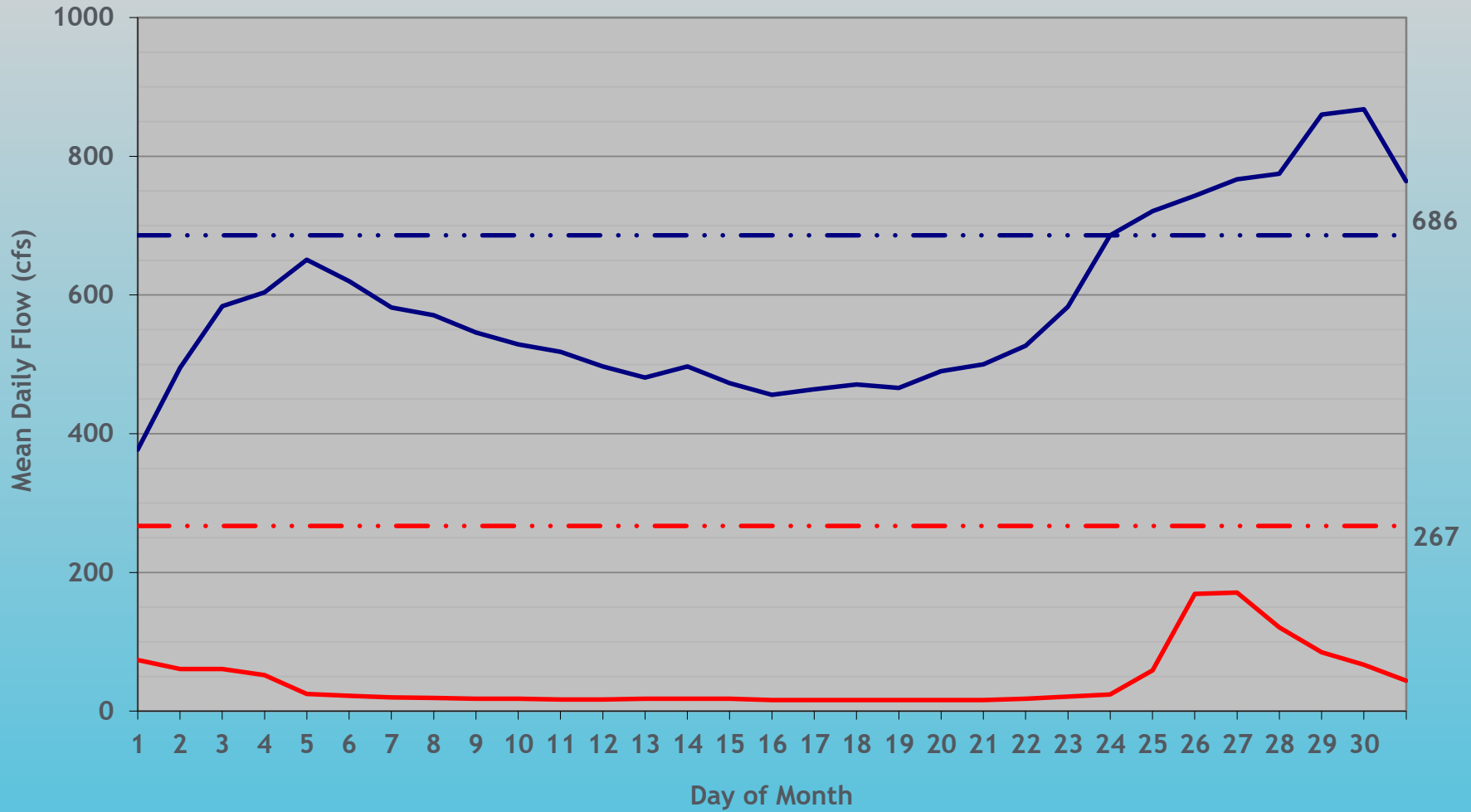
— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

# KERSEY and JULESBURG October 2022



— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.

# KERSEY and BALZAC October 2022



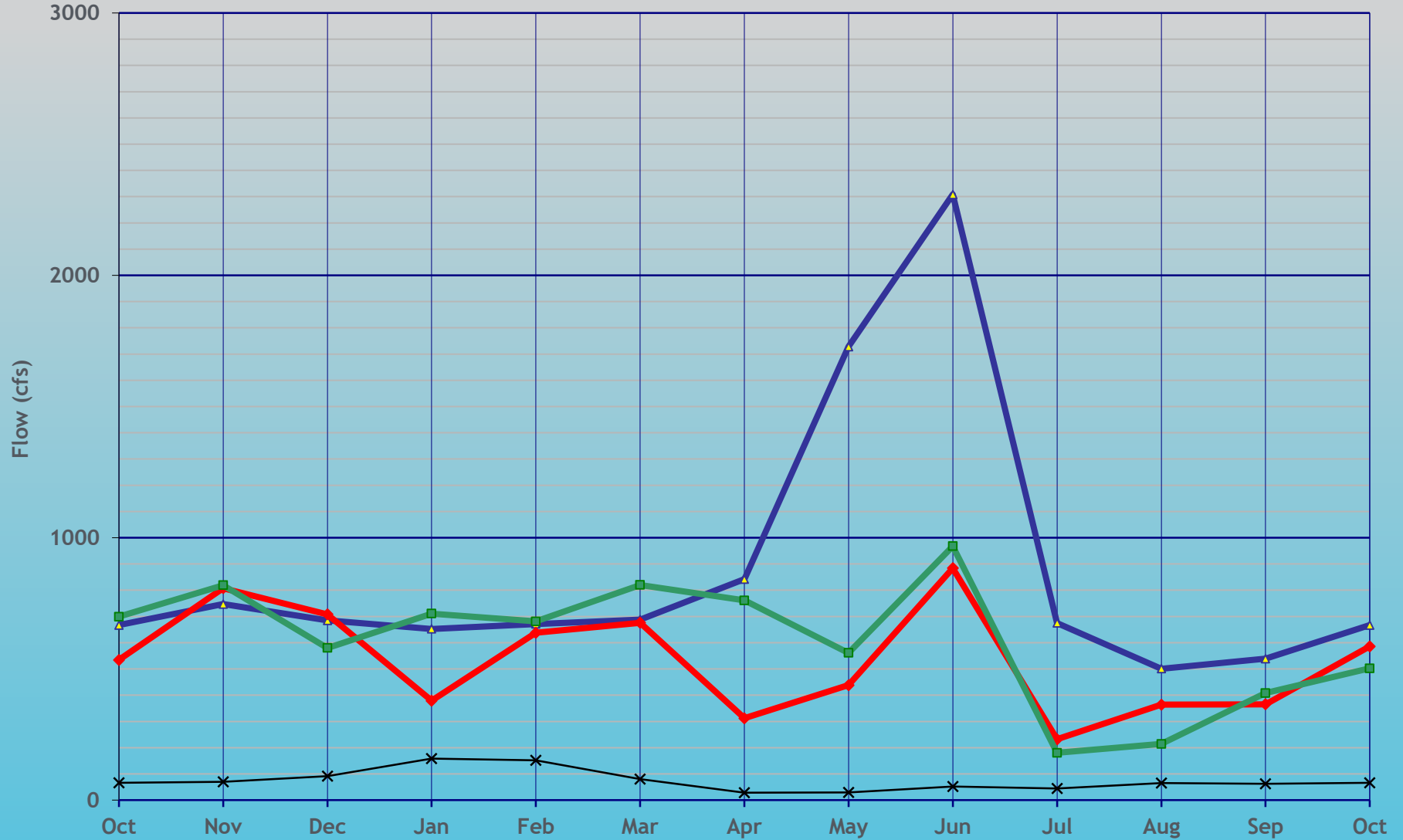
— Kersey      — Balzac      - · Kersey 1901-2013 Avg.      - · Balzac 1917-2013 Avg.

# 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 2022 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2022 Mean Monthly Flow
Oct	667	6180	1984	66	1954	534	Oct	299	3130	1984	4.2	1903	119
Nov	747	3650	1984	70	1934	808	Nov	335	2900	1984	4.2	1903	45
Dec	685	1890	1961	91	1934	708	Dec	401	1820	1984	13	2002	113
Jan	652	2160	1974	158	1935	379	Jan	512	2510	1970	21	2003	266
Feb	671	3060	1914	152	1935	638	Feb	578	3220	1930	29	2005	145
Mar	688	3470	1983	80	1935	676	Mar	512	12900	1910	15	1904	119
Apr	842	18100	1942	28	1955	312	Apr	514	14400	1942	4.0	1904	145
May	1728	26100	1973	29	1955	438	May	994	18100	1973	12	1911	110
Jun	2308	31000	1921	52	1954	884	Jun	1426	30800	1921	2.0	1910	80
Jul	675	12600	1983	44	1955	232	Jul	311	12600	1983	0.0	1903	34
Aug	501	9690	1951	65	1934	364	Aug	178	8920	1968	0.0	1903	32
Sep	539	14200	1938	62	1940	365	Sep	284	7130	1938	2.0	1902	43
Oct	667	6180	1984	66	1954	586	Oct	299	3130	1984	4.2	1903	94
*Period of record 1902-2021							*Period of record 1902-2021						

# South Platte River at Kersey

Irrigation Year



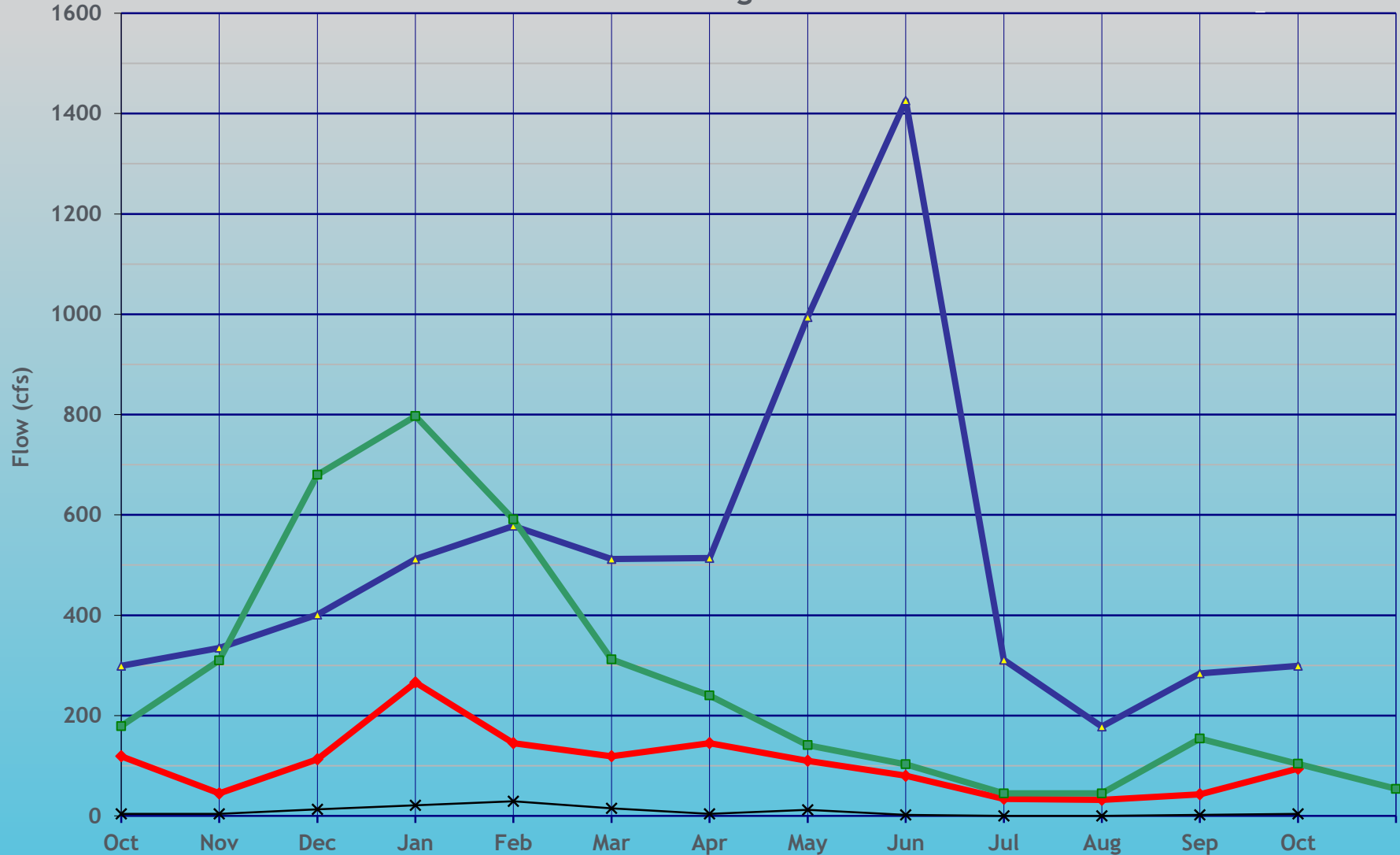
—▲— Historic\* Mean Flow    —×— Historic\* Min Flow    —◆— 2021-2022 Mean Flow    —■— 2020-2021 Mean Flow

\*1901-2016



# South Platte River at Julesburg

Irrigation Year



—▲— Historic\* Mean Flow    —\*— Historic\* Min Flow    —◆— 2021-2022 Mean Flow    —■— 2020-2021 Mean Flow

\*1901-2016



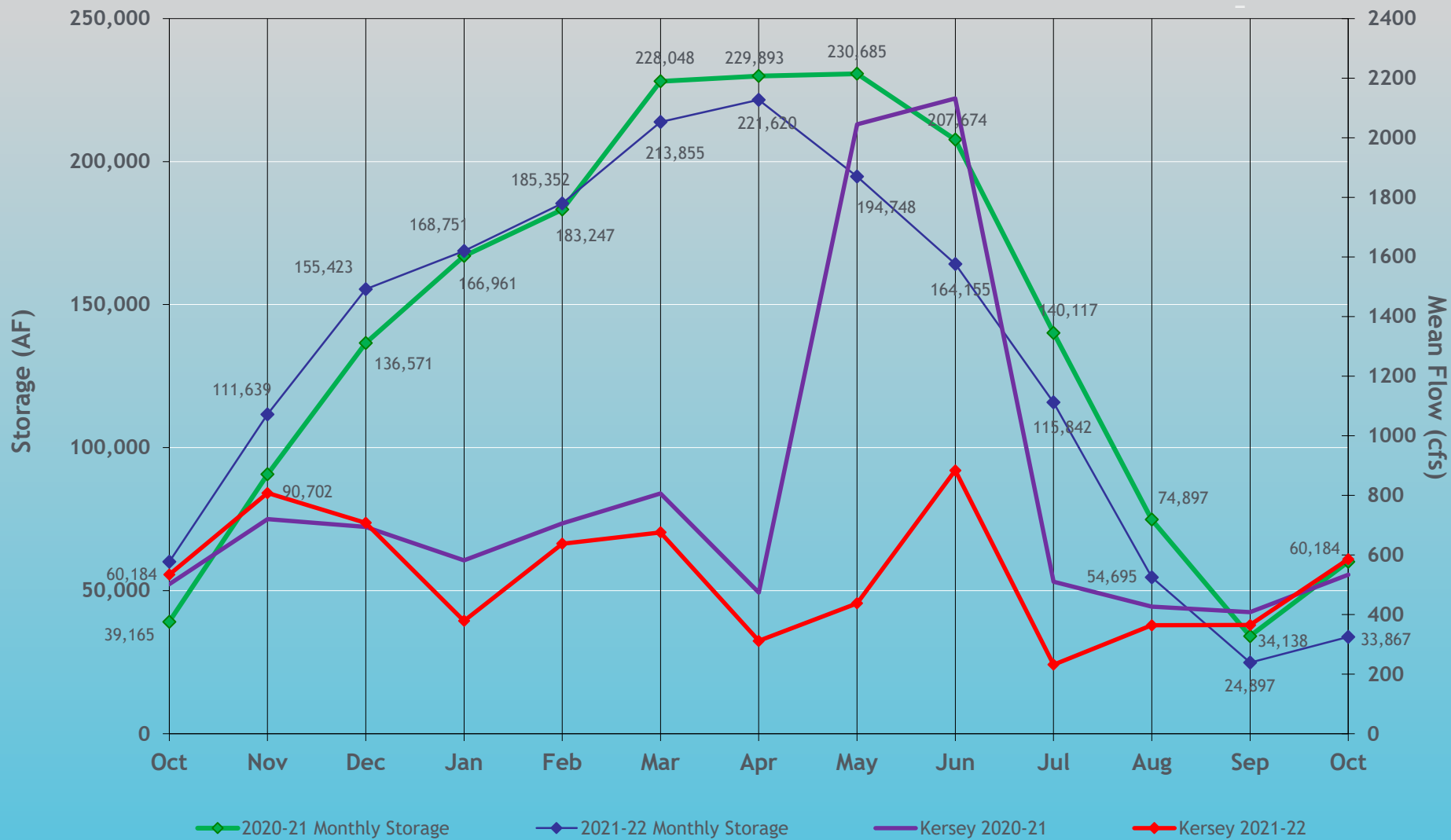


 **COLORADO**  
Department of  
Natural Resources

Next three slides show Reservoir Storage above and below Kersey

# Reservoir Storage below Kersey

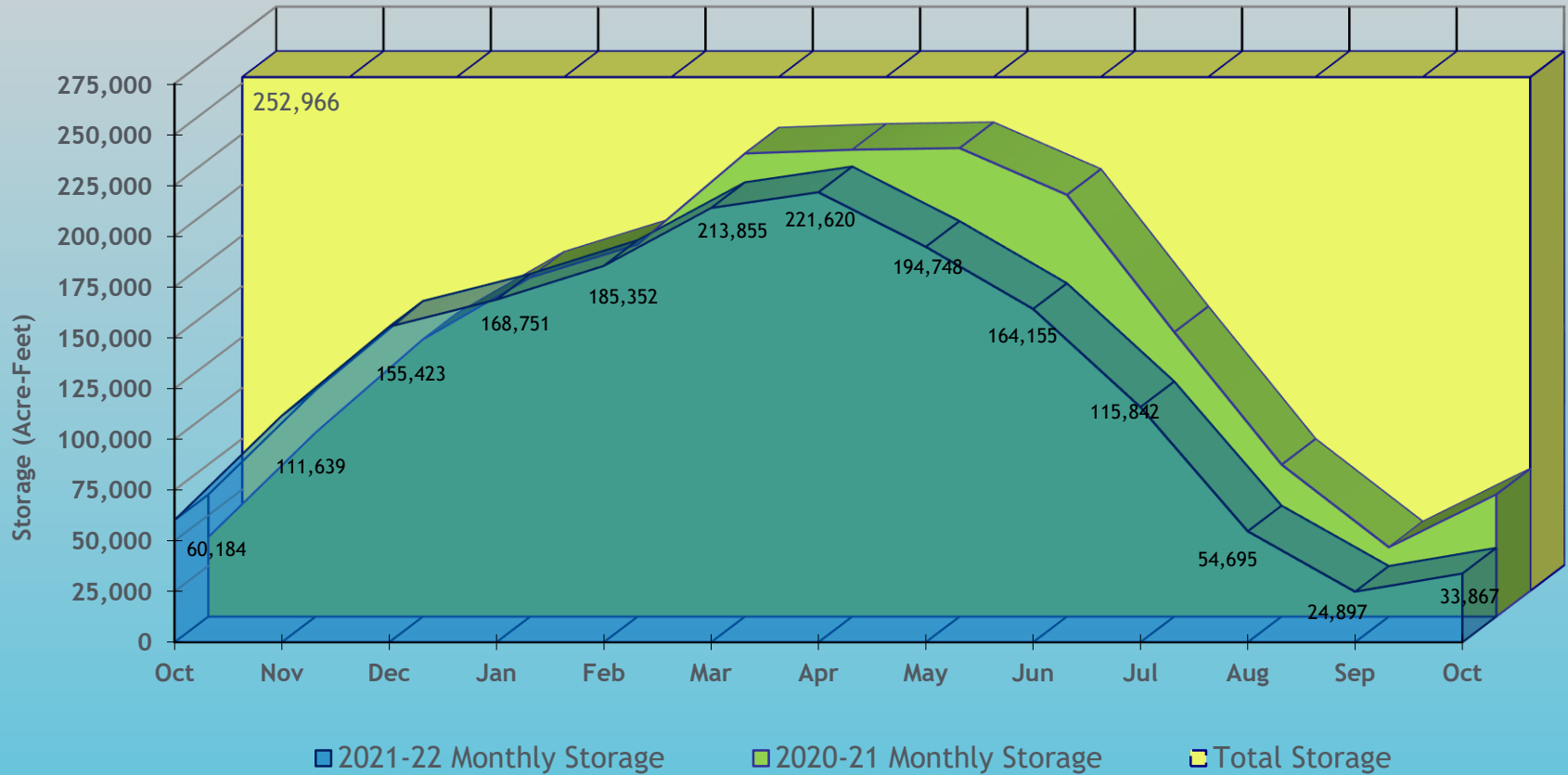
Selected Reservoirs\*



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

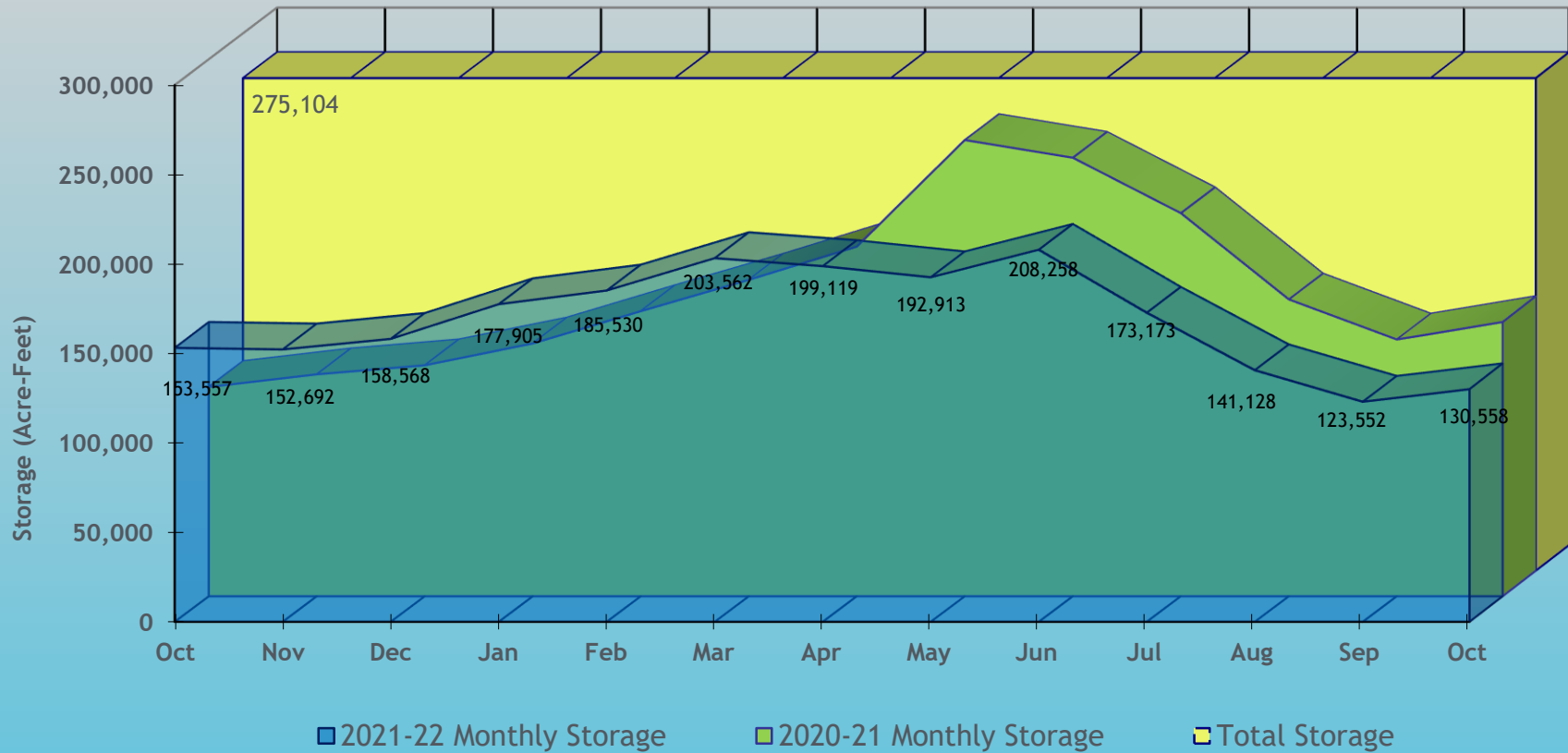


# South Platte Reservoir Storage below Kersey\*



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

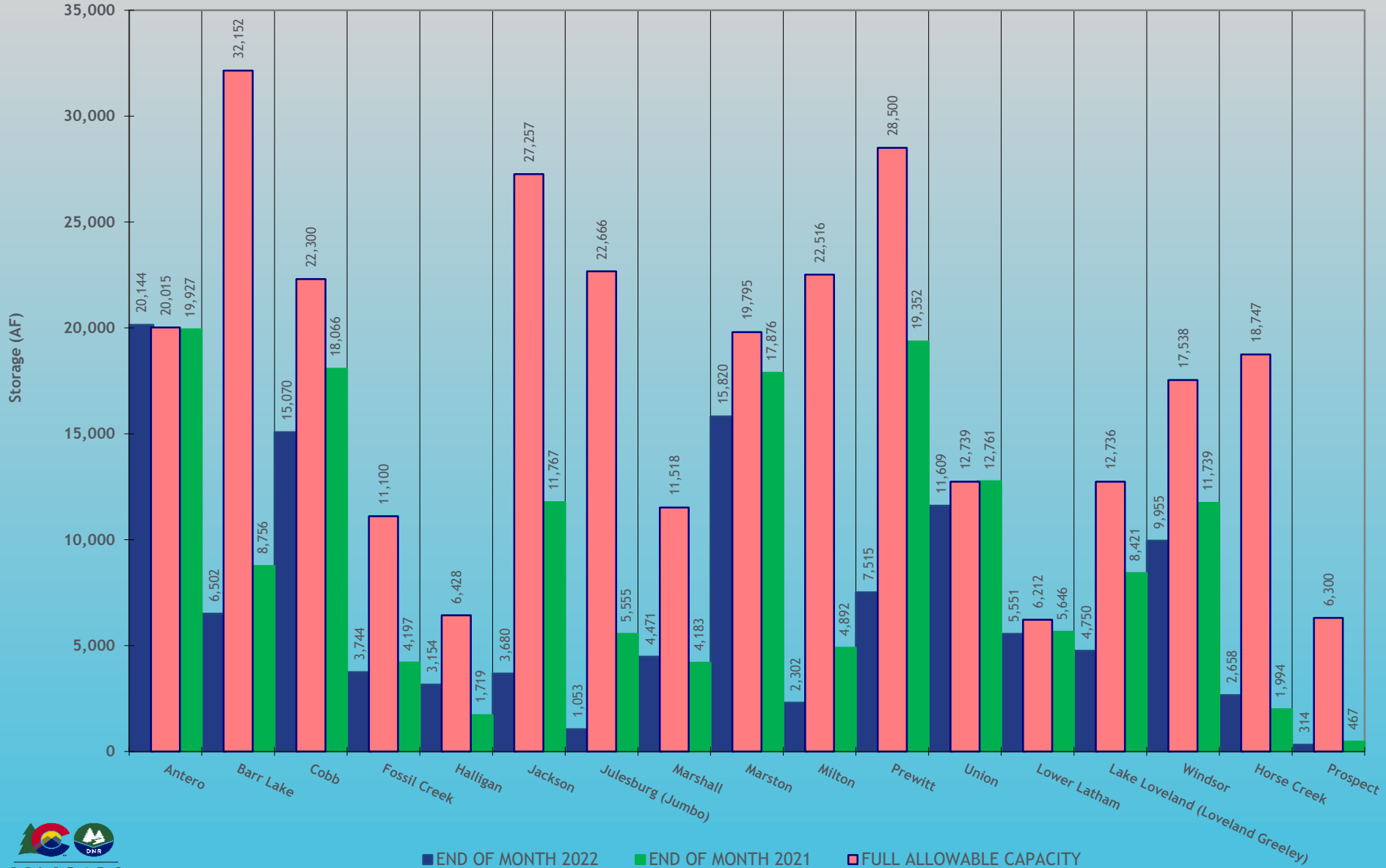
# South Platte Reservoir Storage above Kersey\*



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



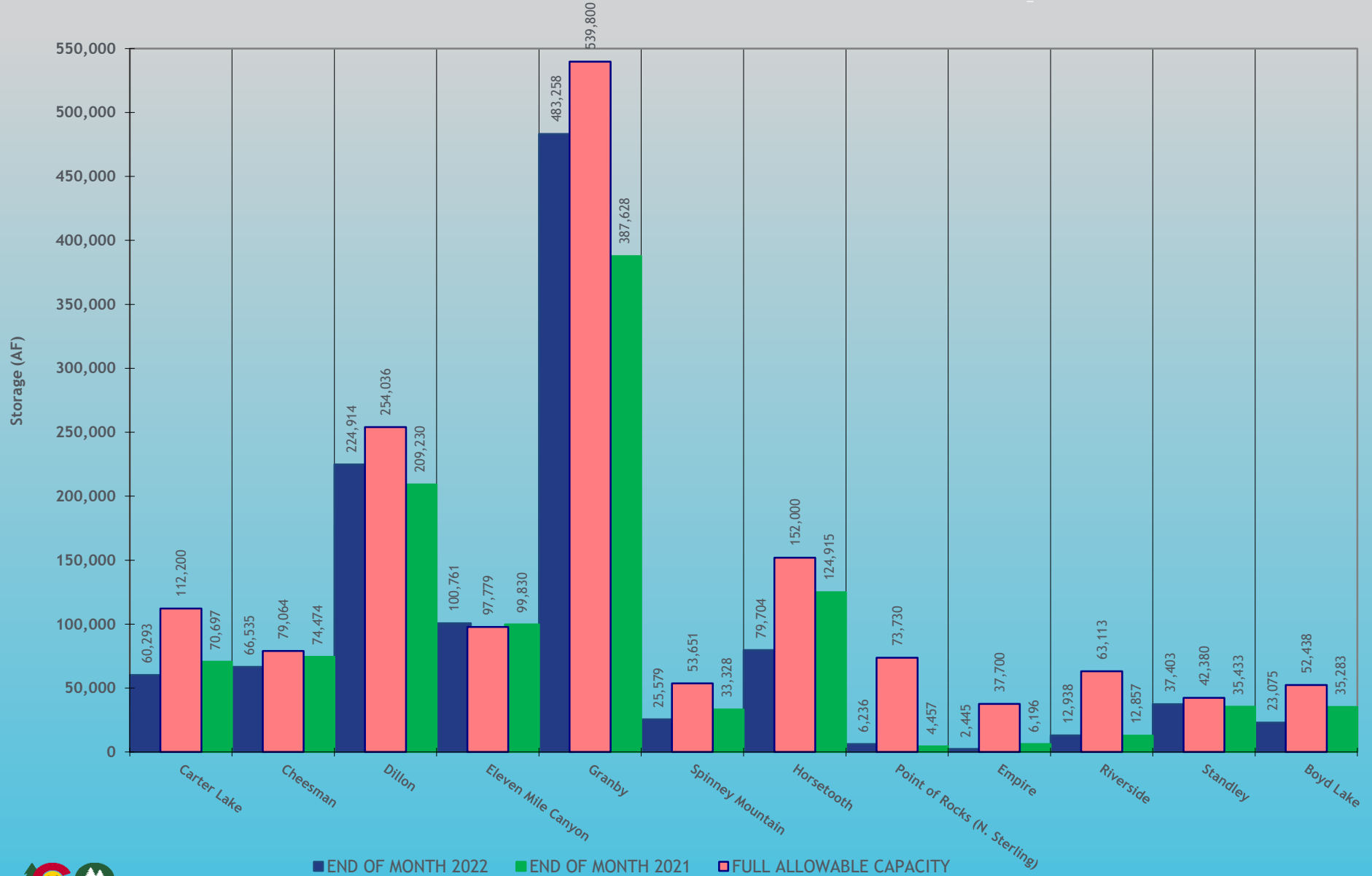
# October Reservoir Change in Storage IY2021 versus IY2022



■ END OF MONTH 2022   ■ END OF MONTH 2021   ■ FULL ALLOWABLE CAPACITY



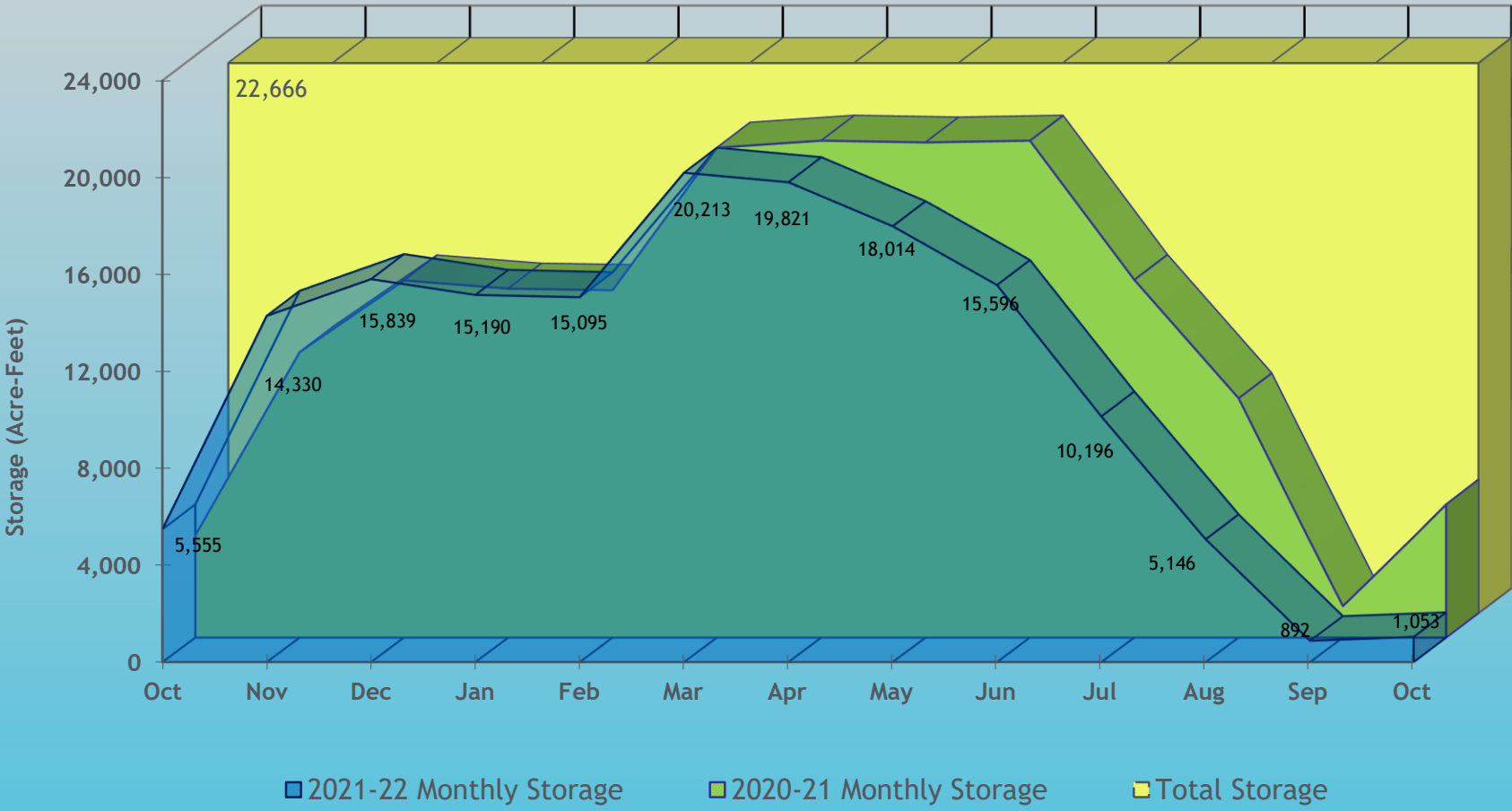
# October Reservoir Change in Storage IY2021 versus IY2022



■ END OF MONTH 2022   ■ END OF MONTH 2021   ■ FULL ALLOWABLE CAPACITY

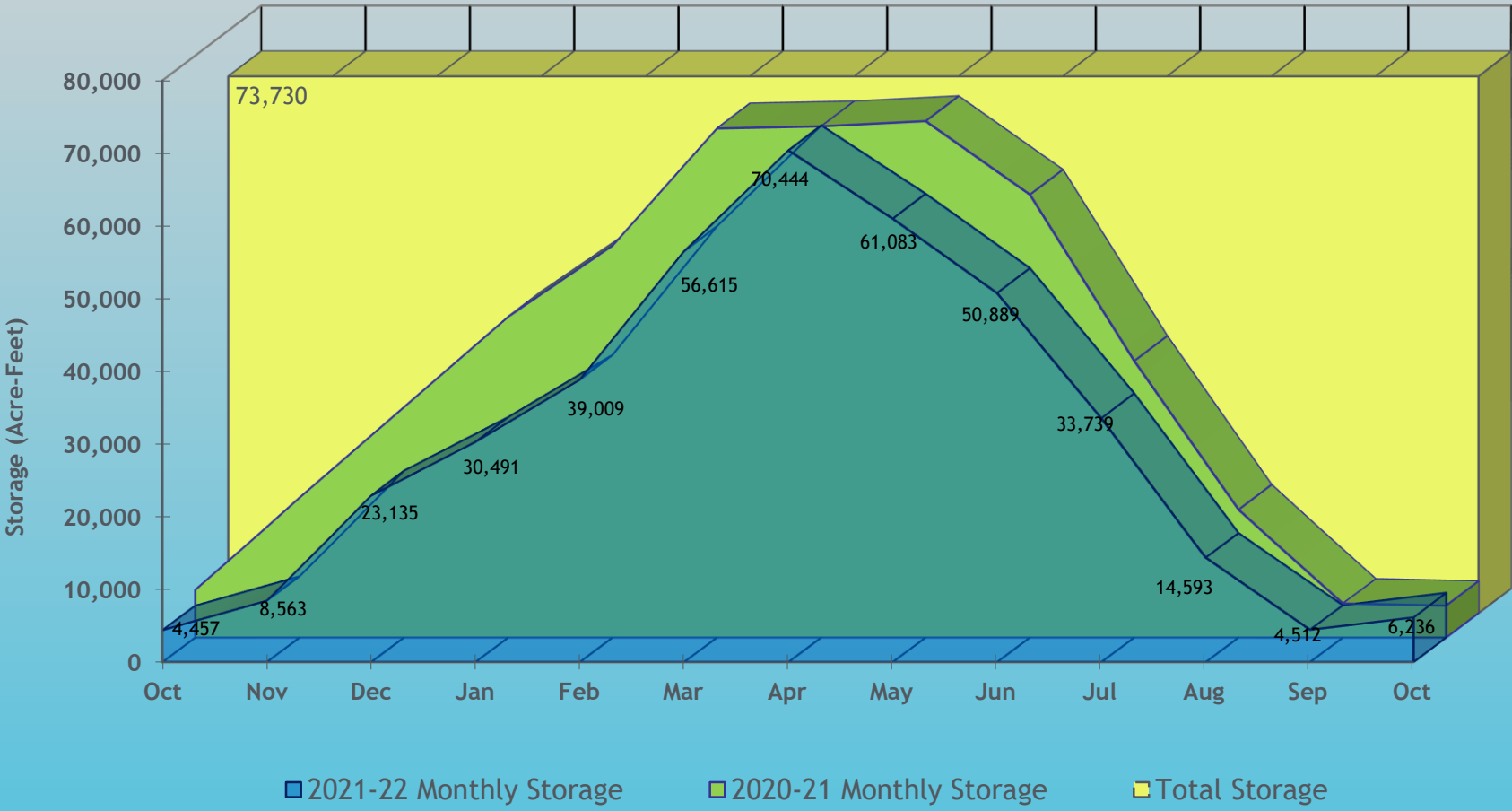


# Julesburg Reservoir (District 64 - Agricultural)

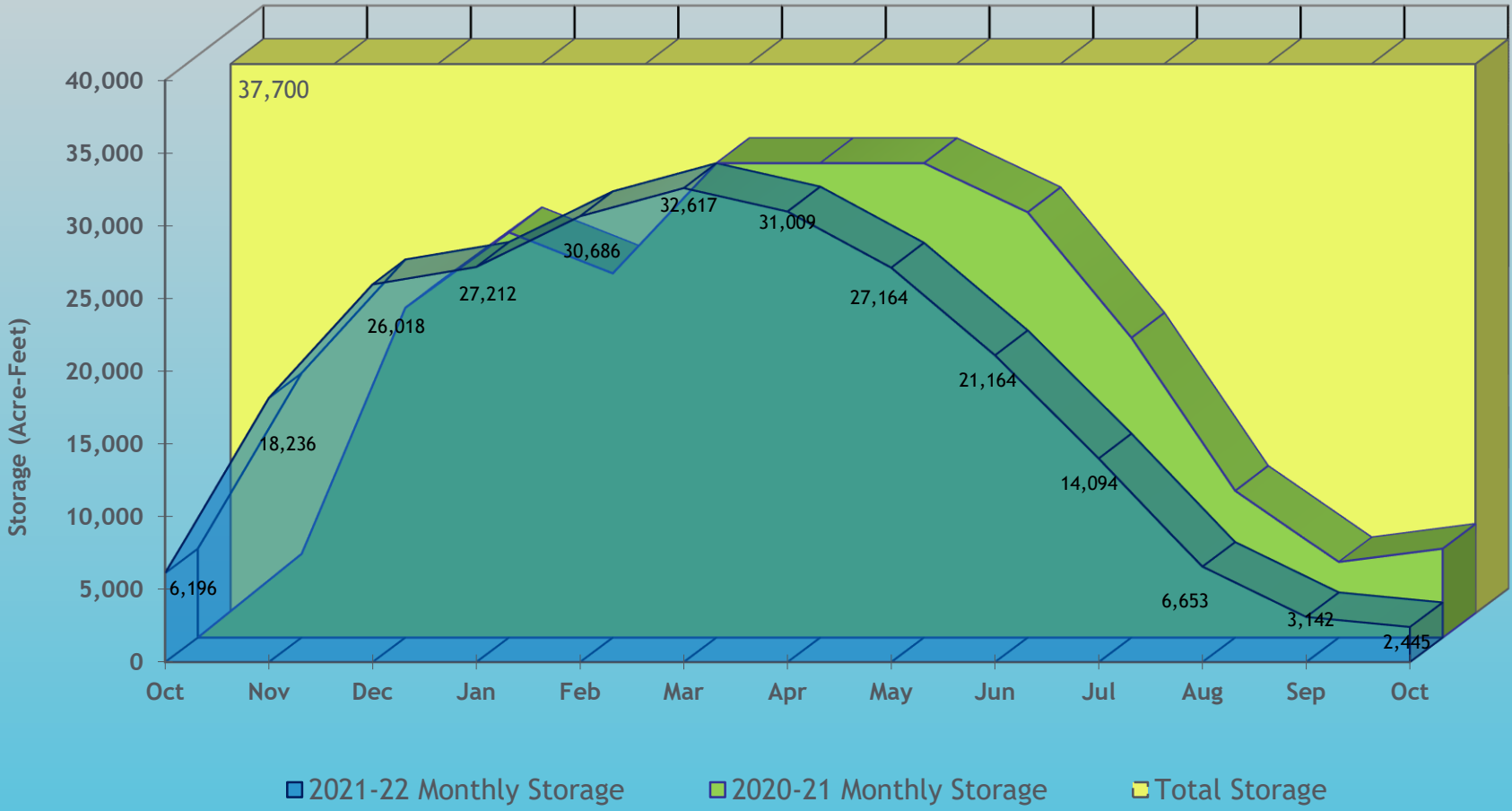




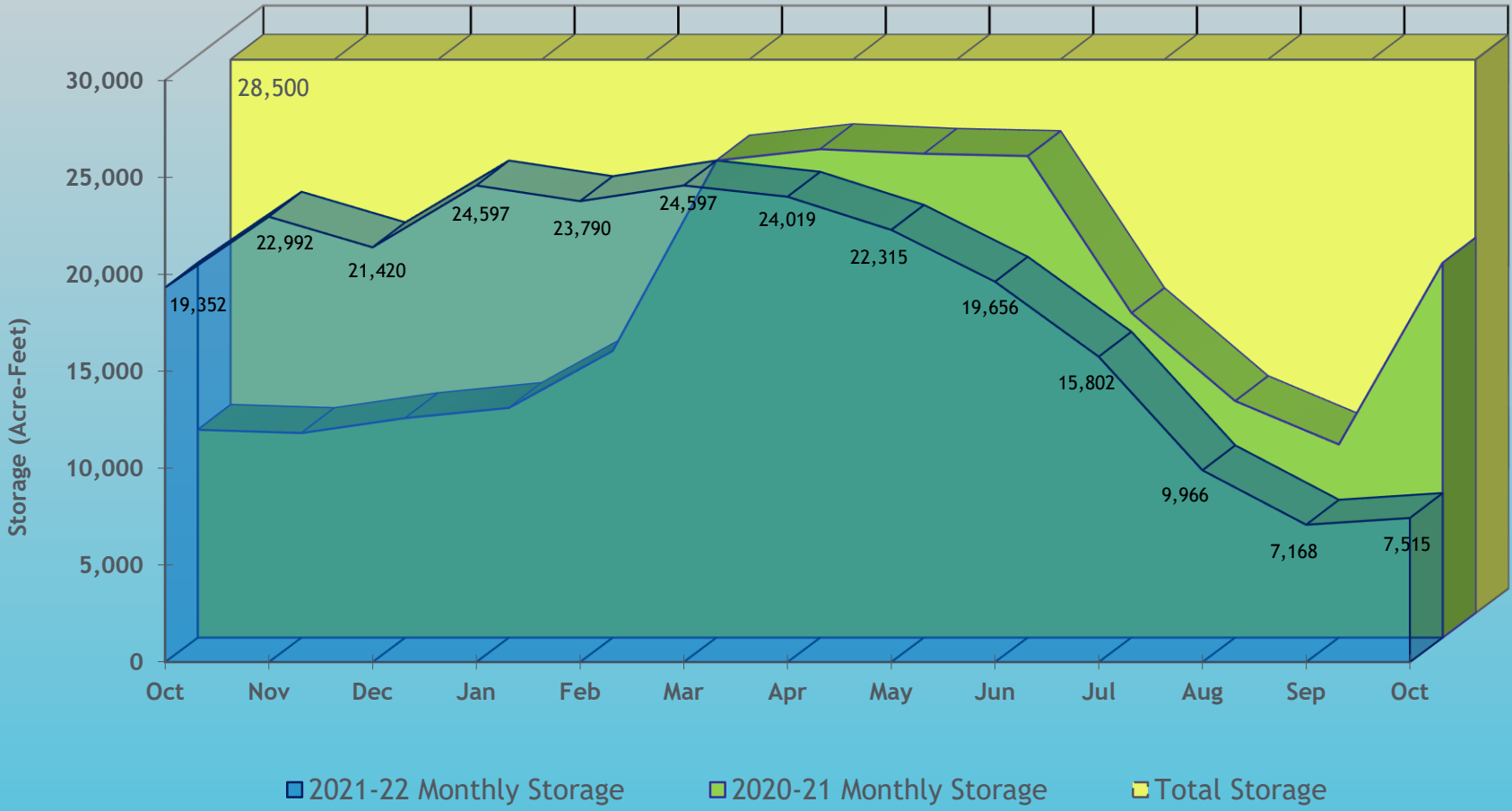
# North Sterling Reservoir (District 64 - Agricultural)



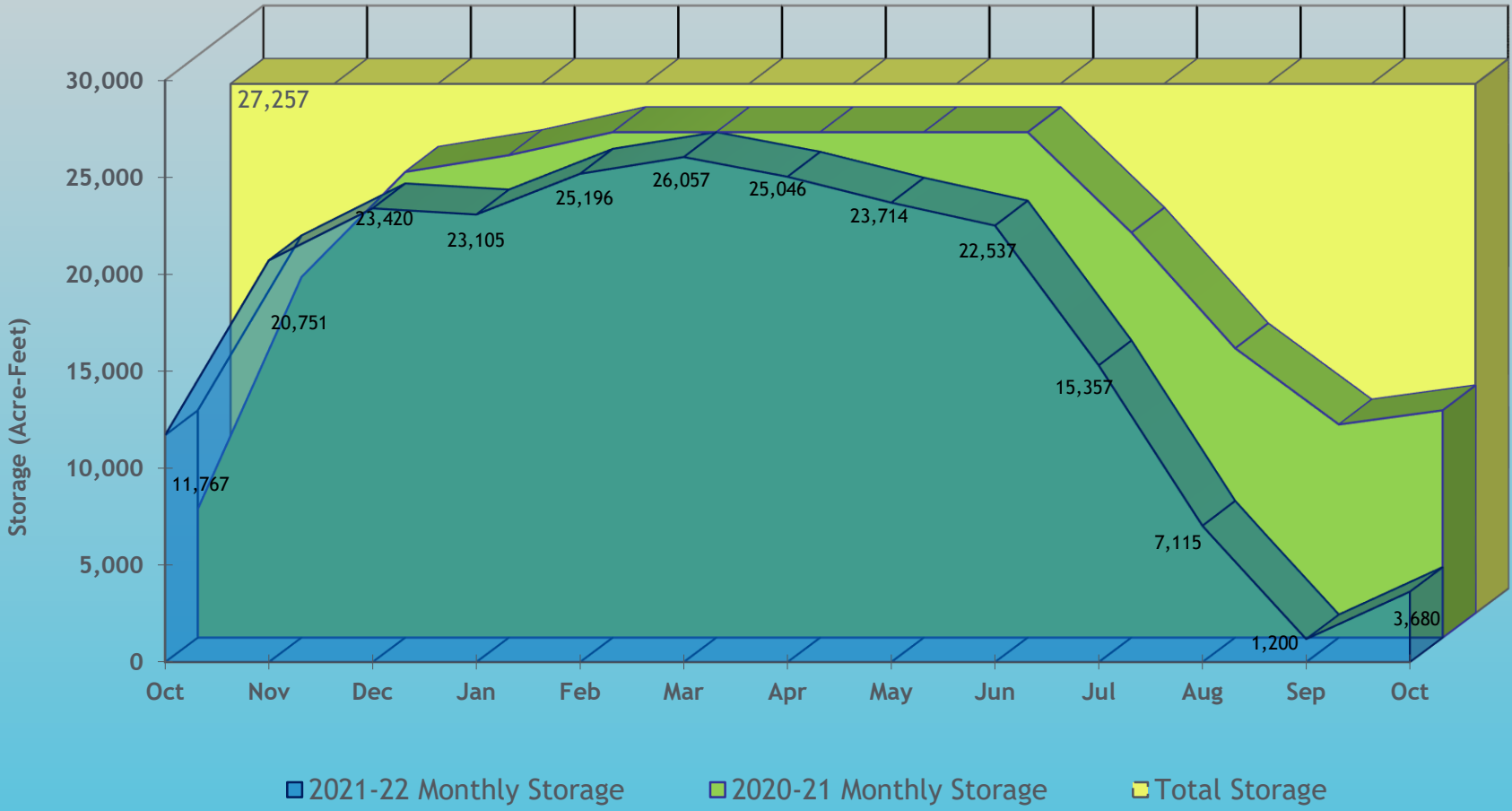
# Empire Reservoir (District 1 - Agricultural)



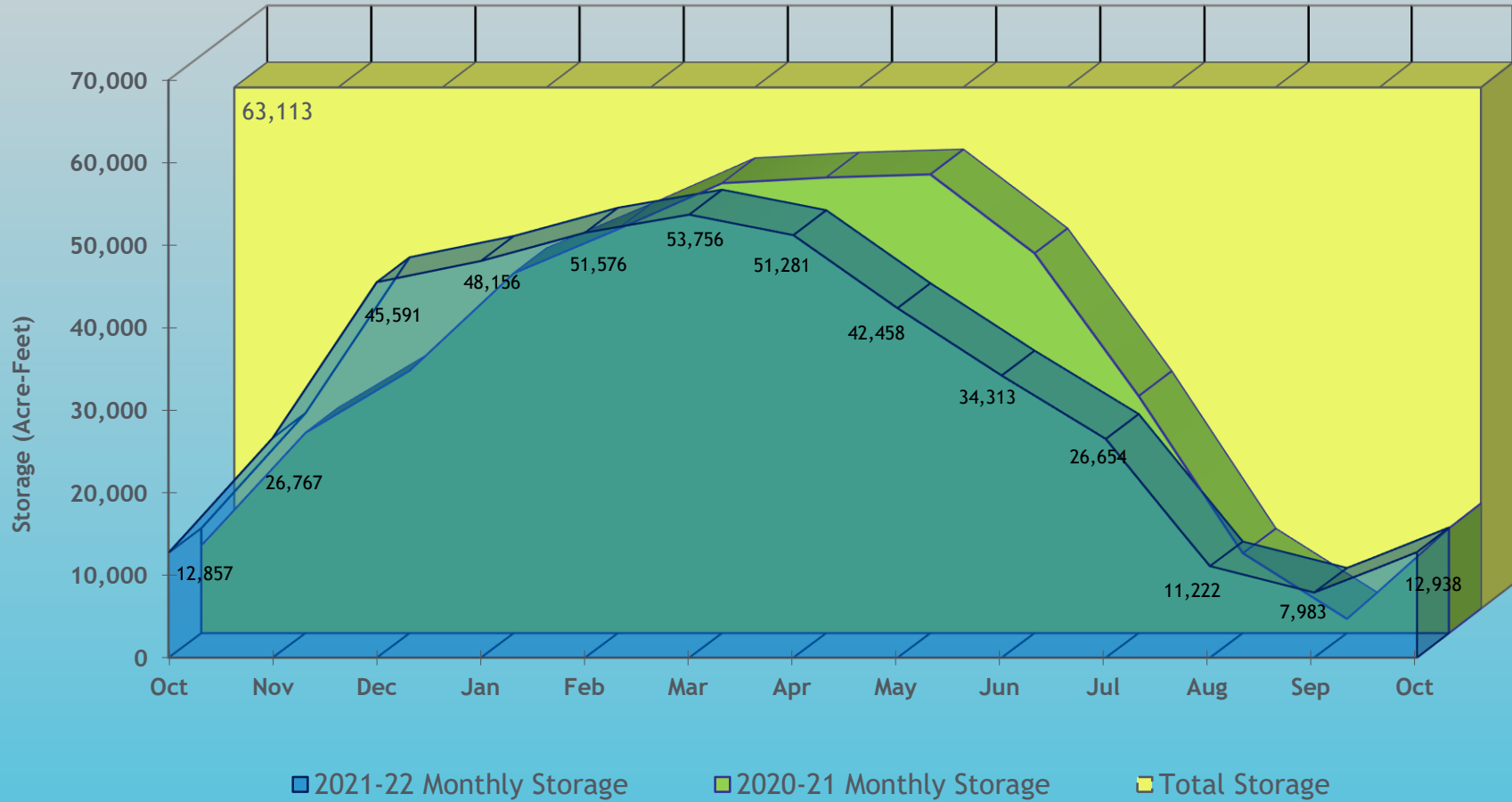
# Prewitt Reservoir (District 64 - Agricultural)



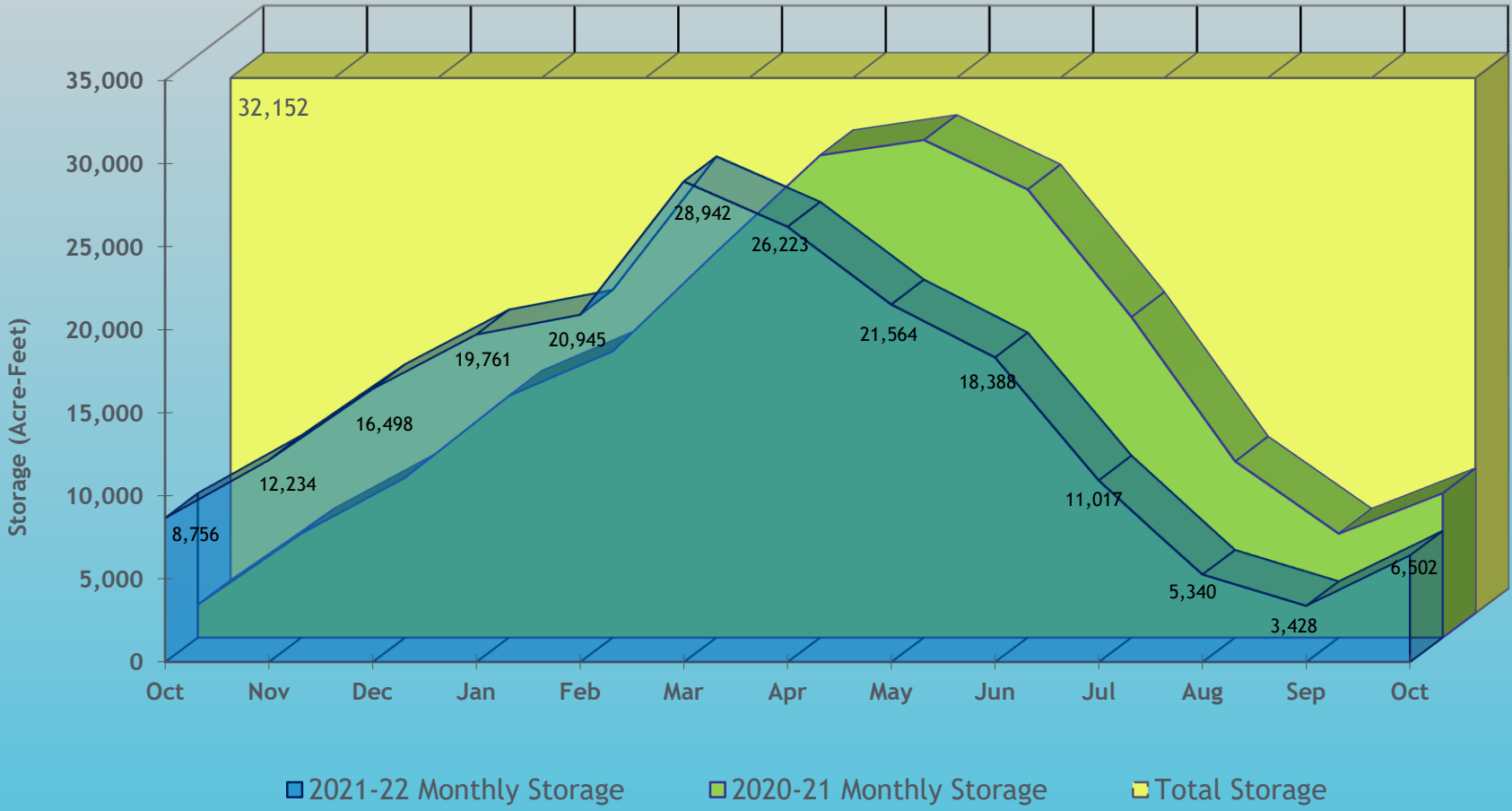
# Jackson Reservoir (District 1 - Agricultural)



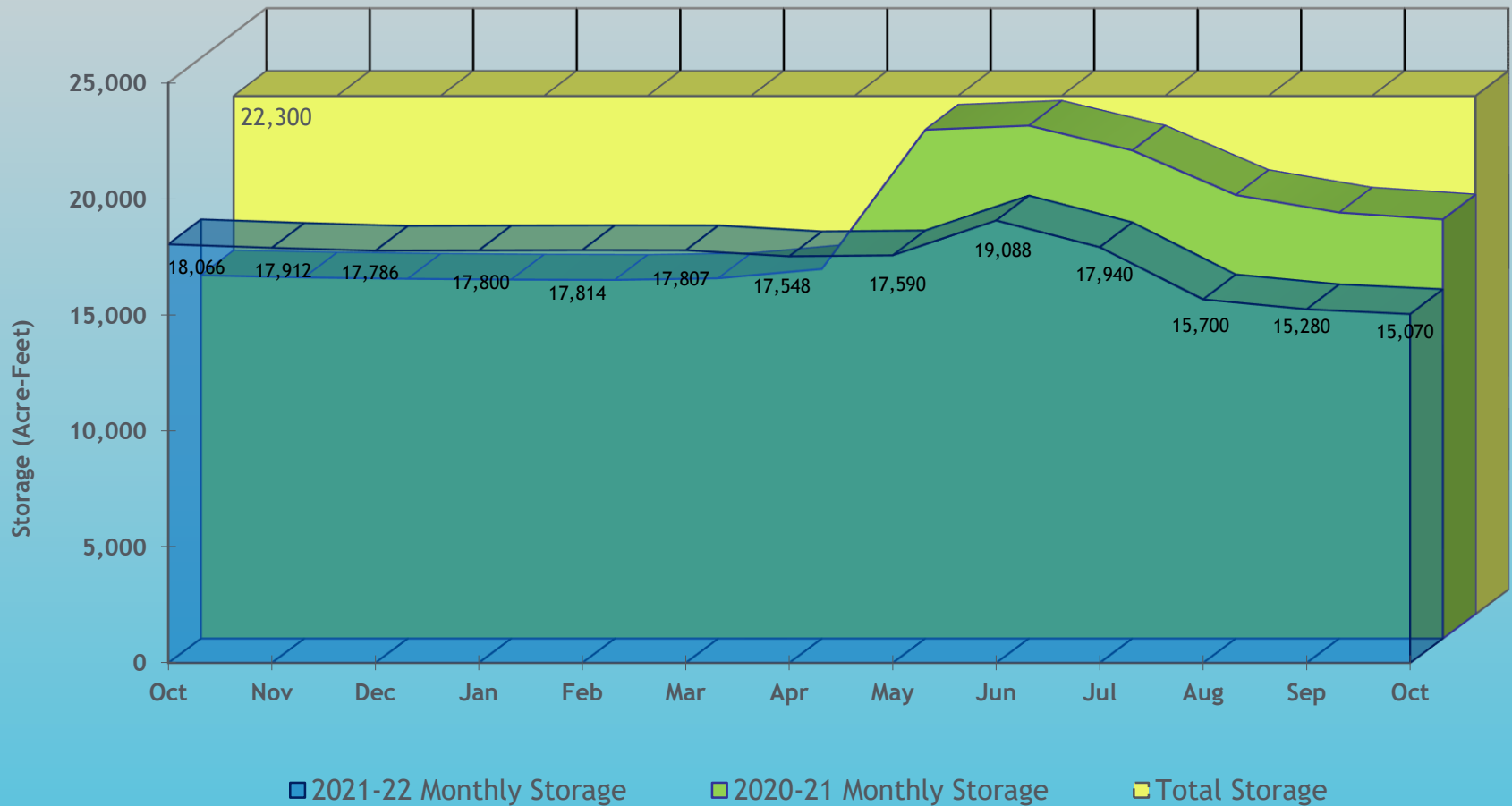
# Riverside Reservoir (District 1 - Agricultural)



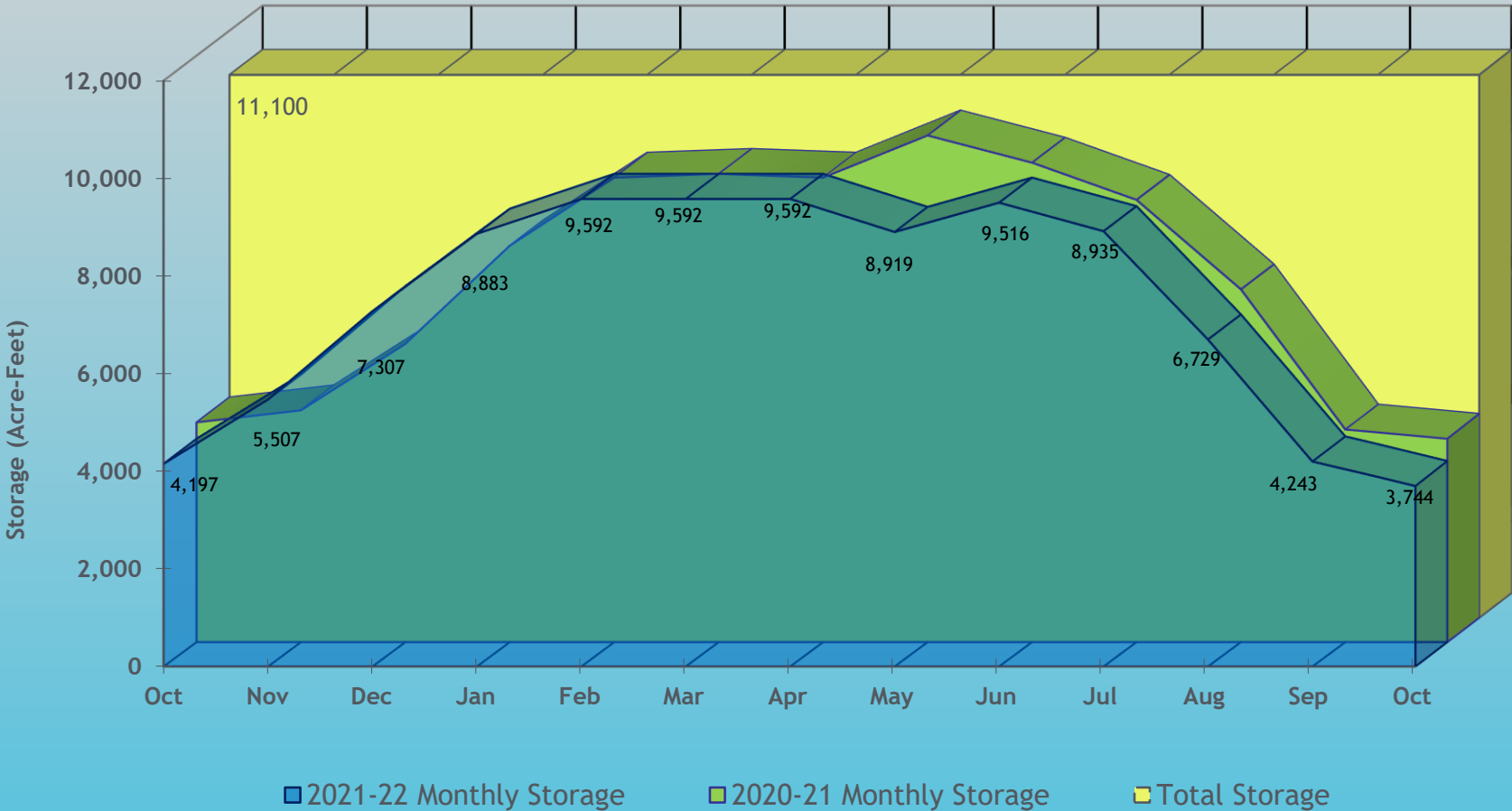
# Barr Reservoir (District 2 - Agricultural)



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

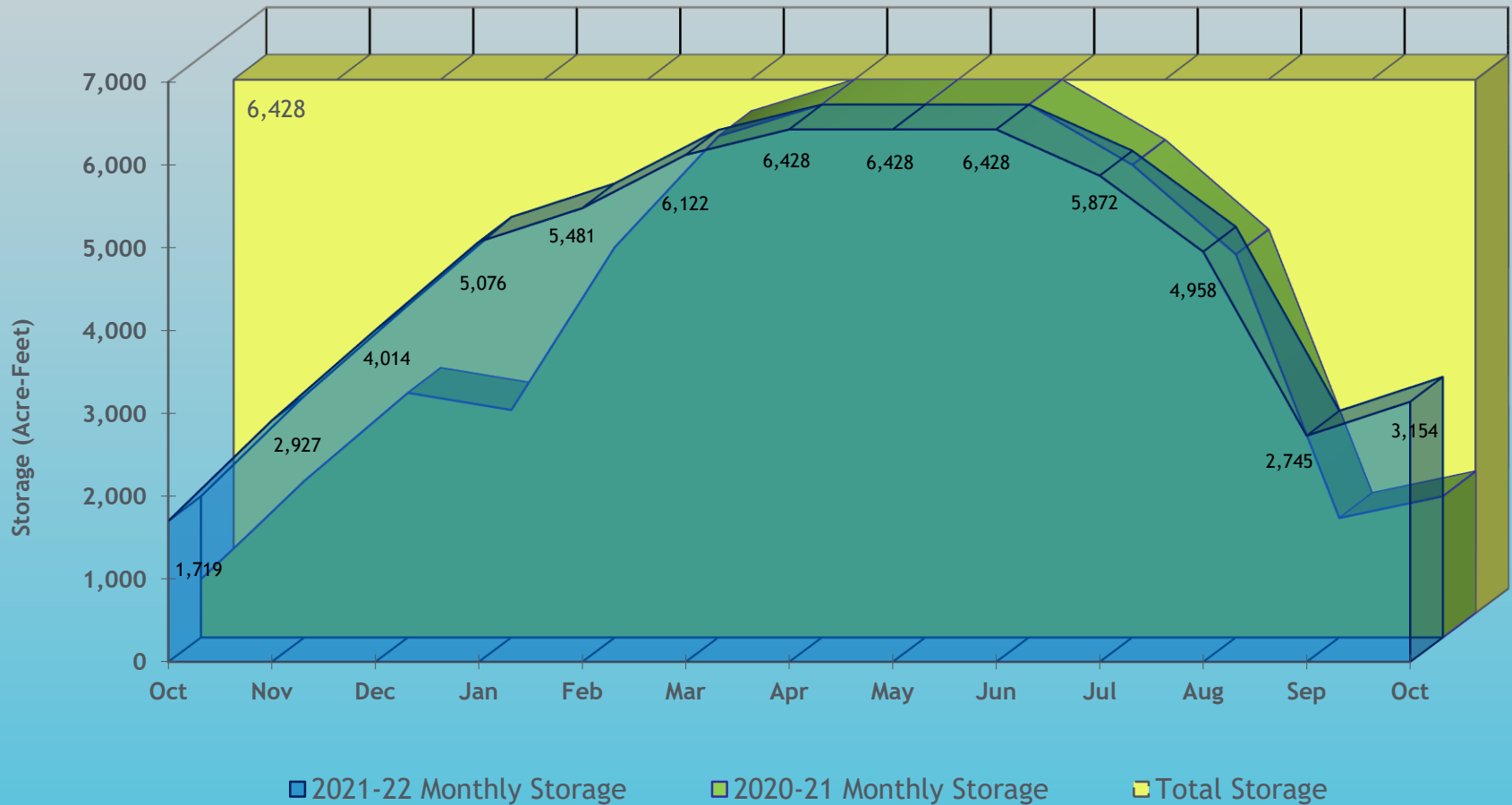


# Fossil Creek Reservoir (District 3, Poudre River - Agricultural)

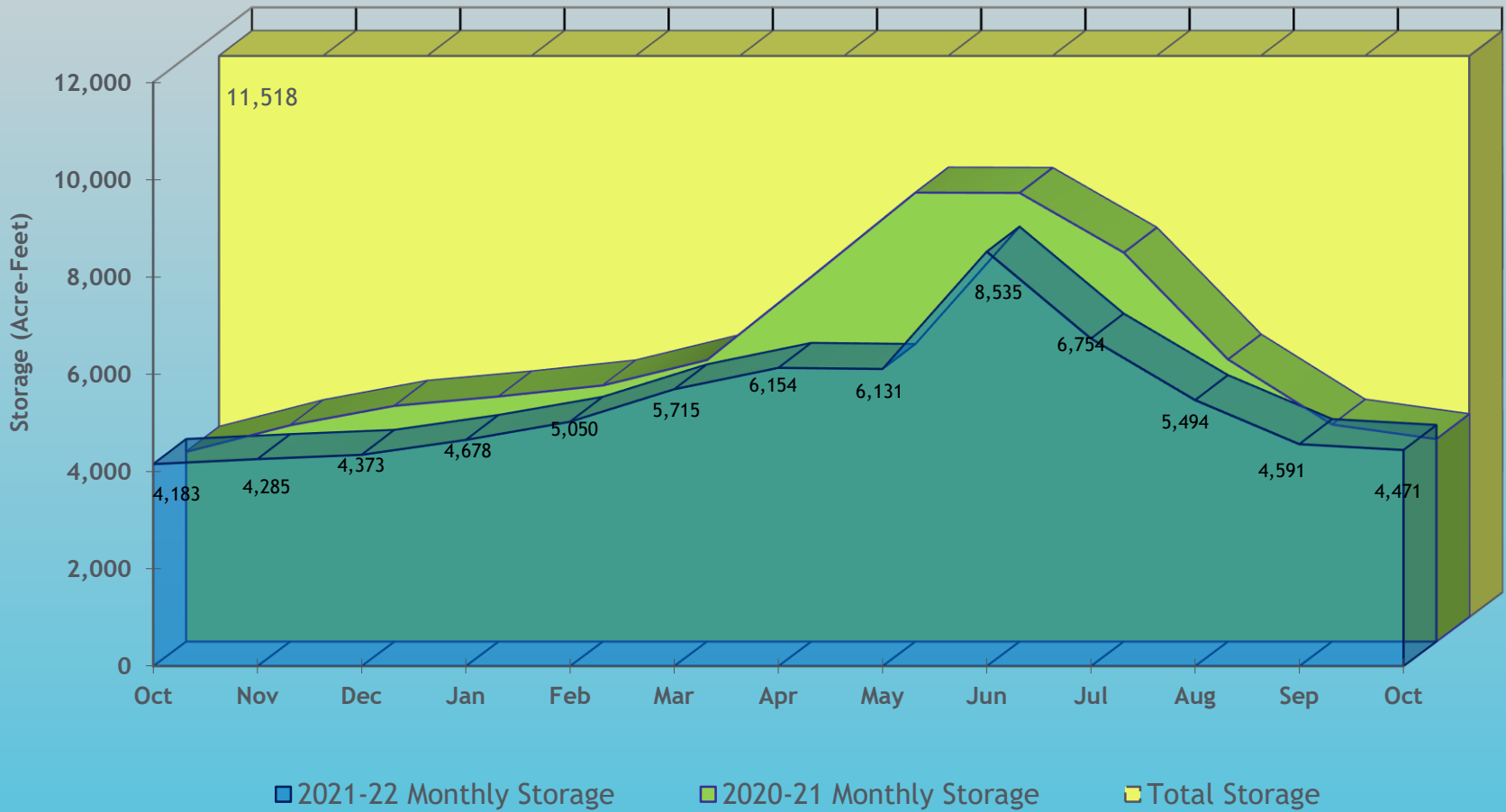




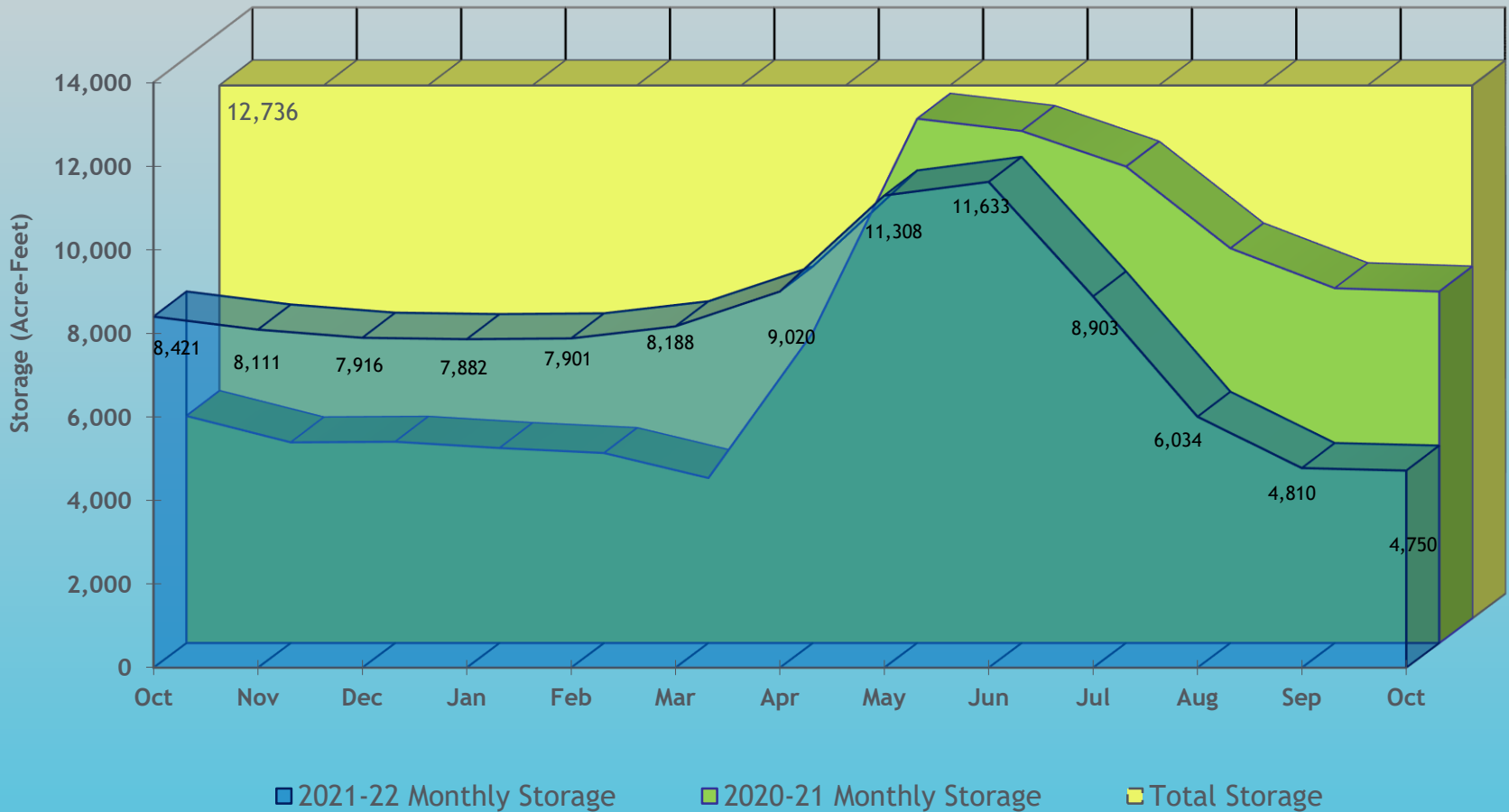
# Halligan Reservoir (District 3, Poudre River - Agricultural)



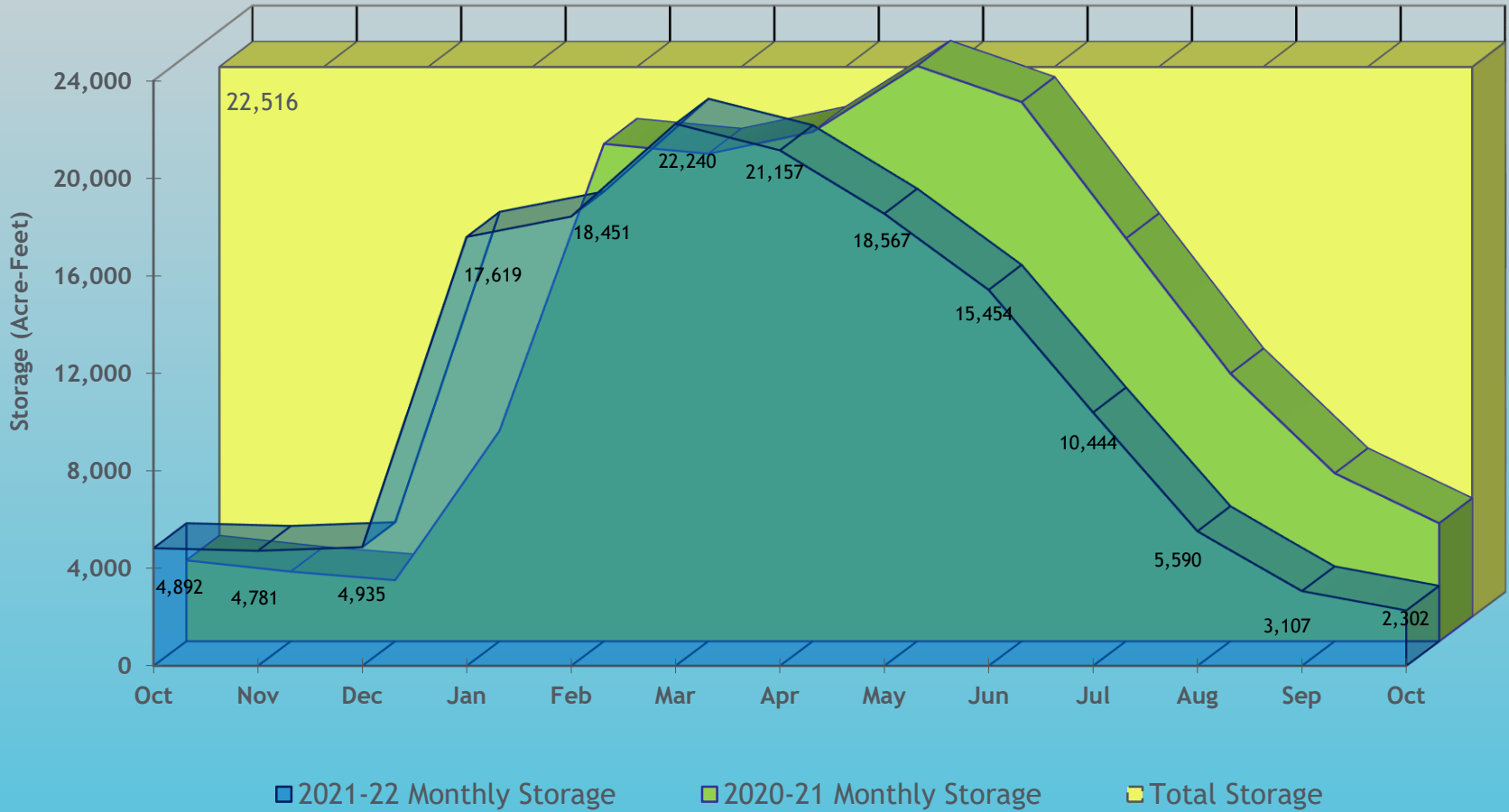
# Marshall Lake (District 6, Boulder Creek - Agricultural)



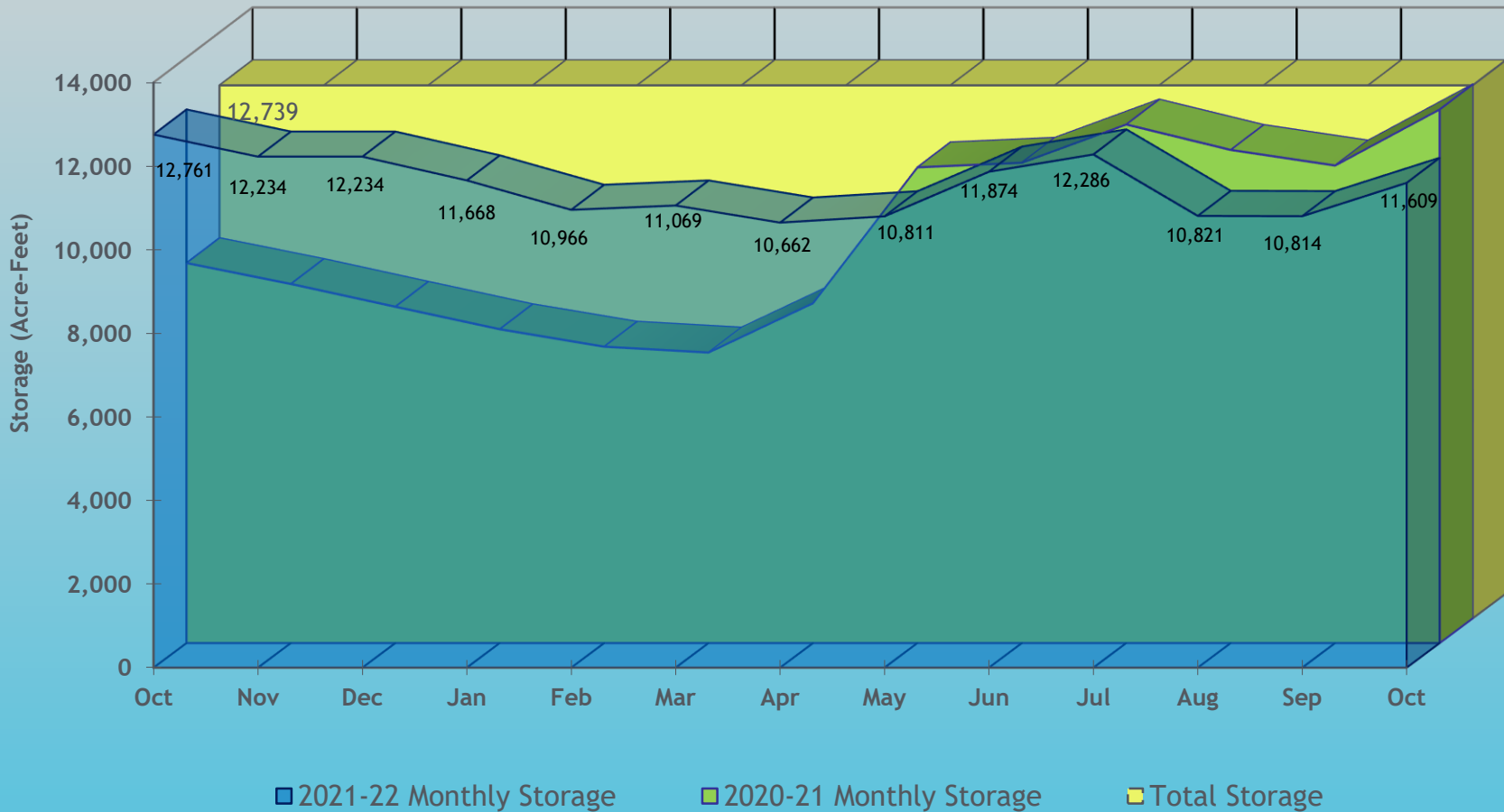
# Loveland Greeley Reservoir (District 4, Big Thompson River - Agricultural)



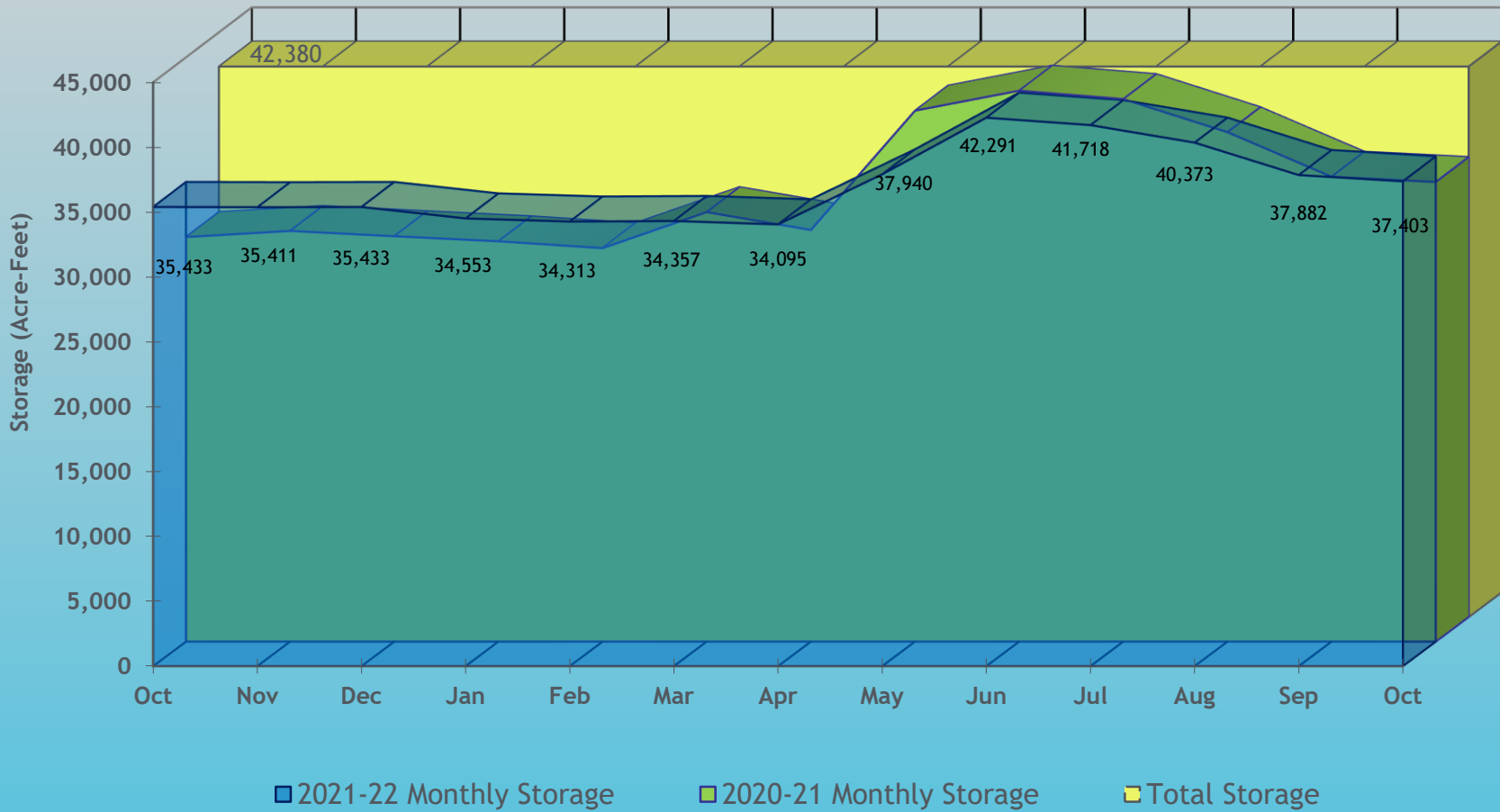
# Milton Reservoir (District 2 - Agricultural)



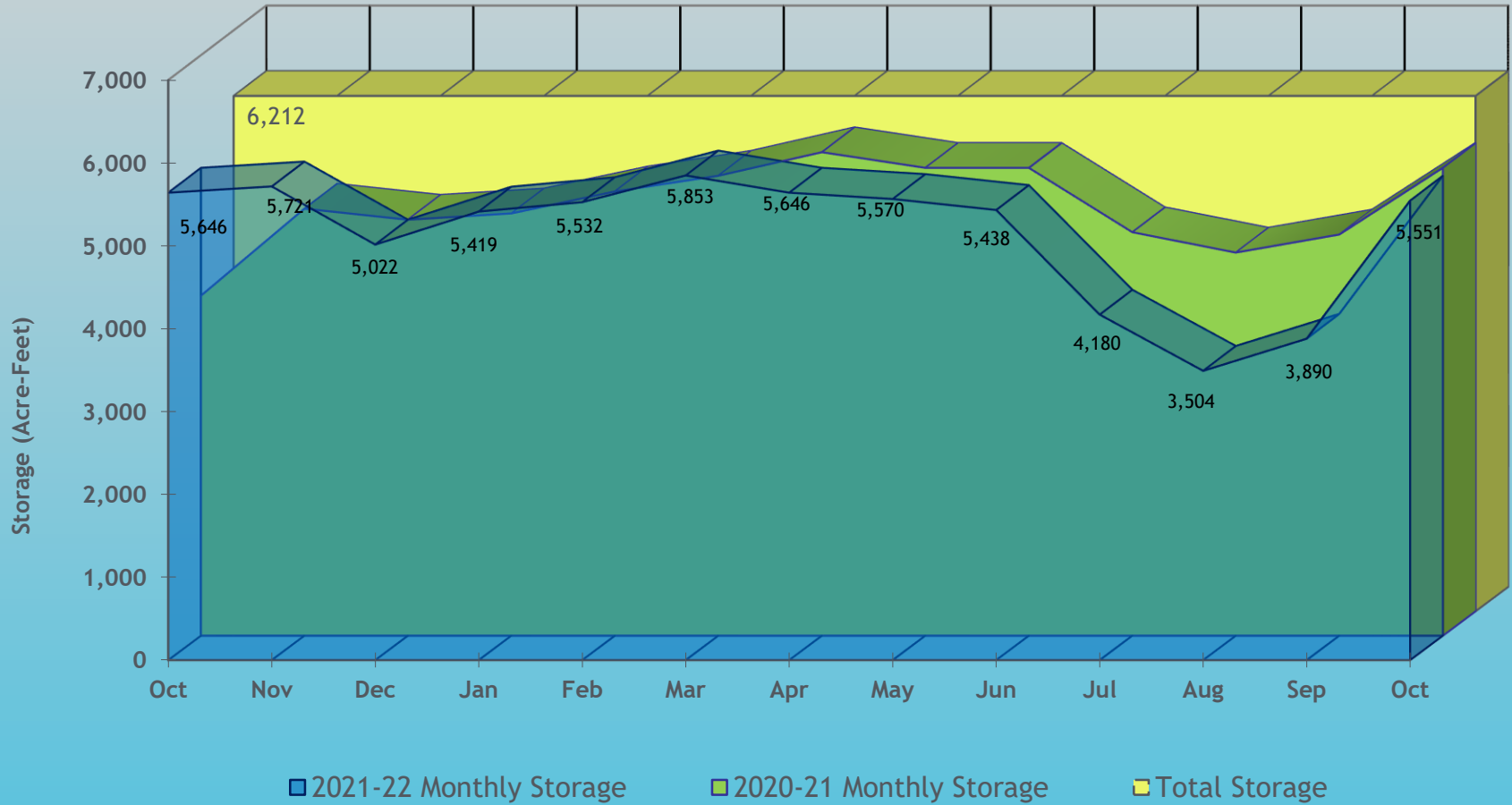
# Union Reservoir (District 5, St. Vrain Creek - Agricultural)



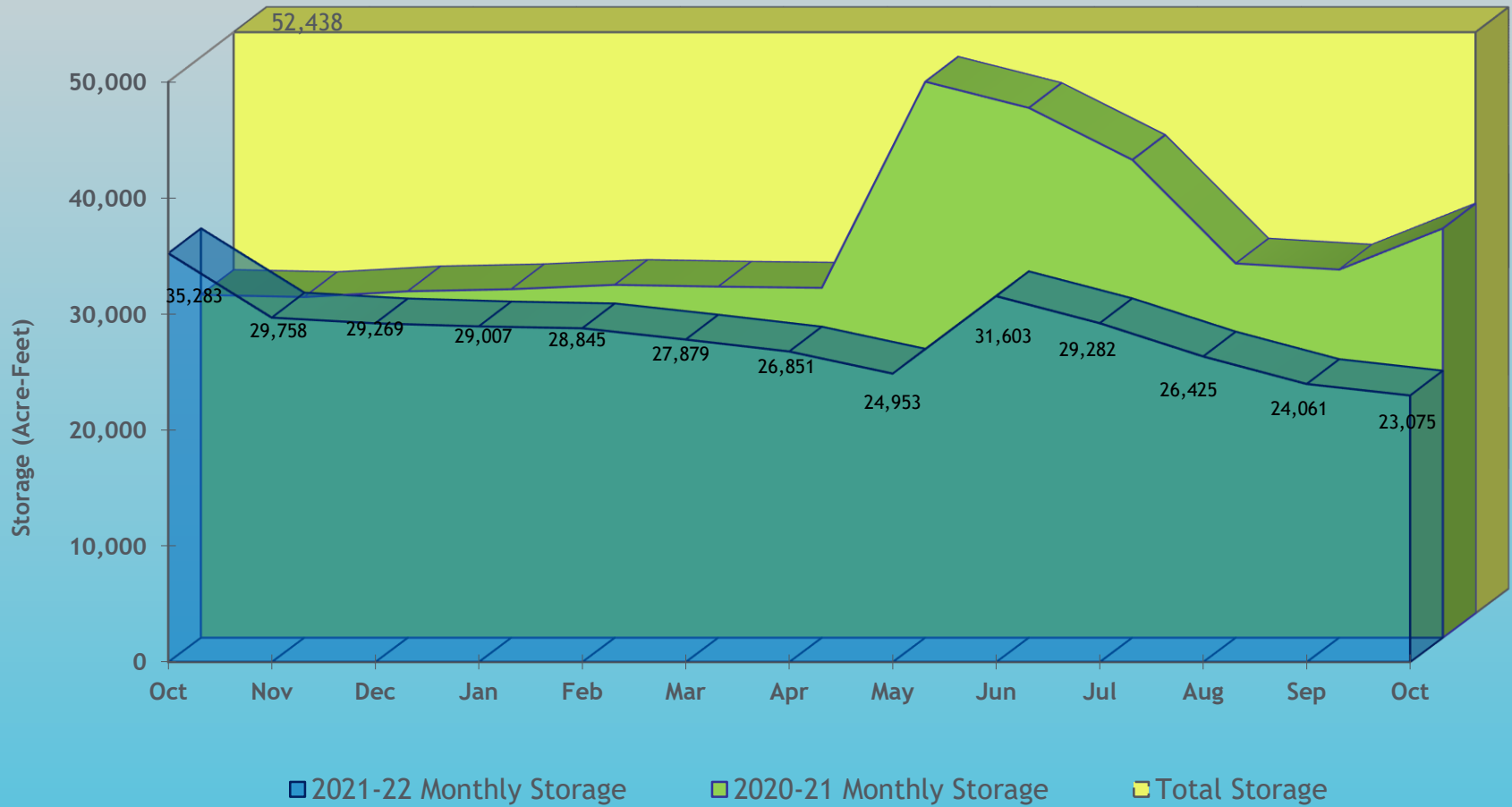
# Standley Lake (Agricultural)



# Lower Latham Reservoir (District 2 - Agricultural)

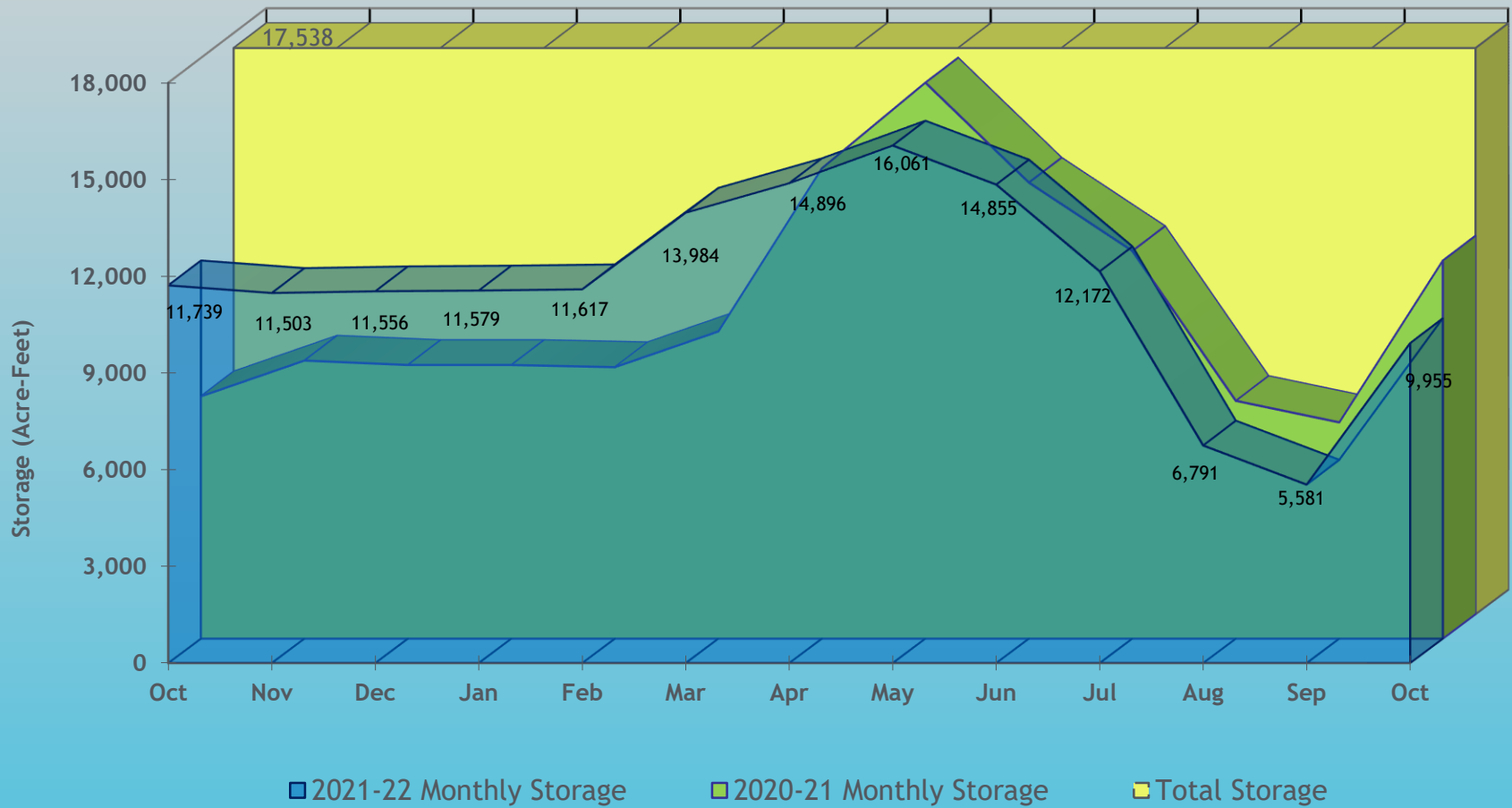


# Boyd Lake (District 4, Big Thompson River - Agricultural)

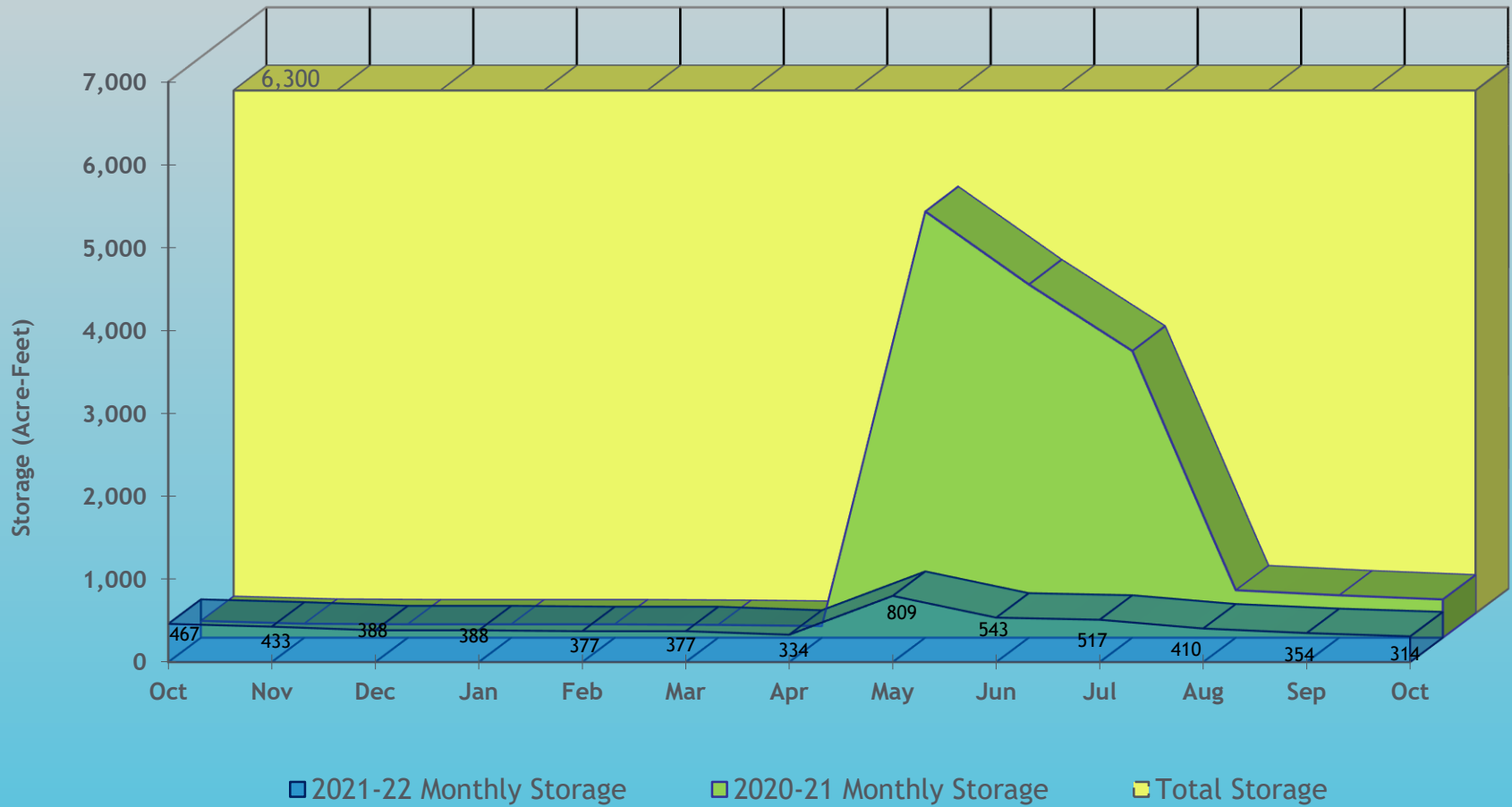




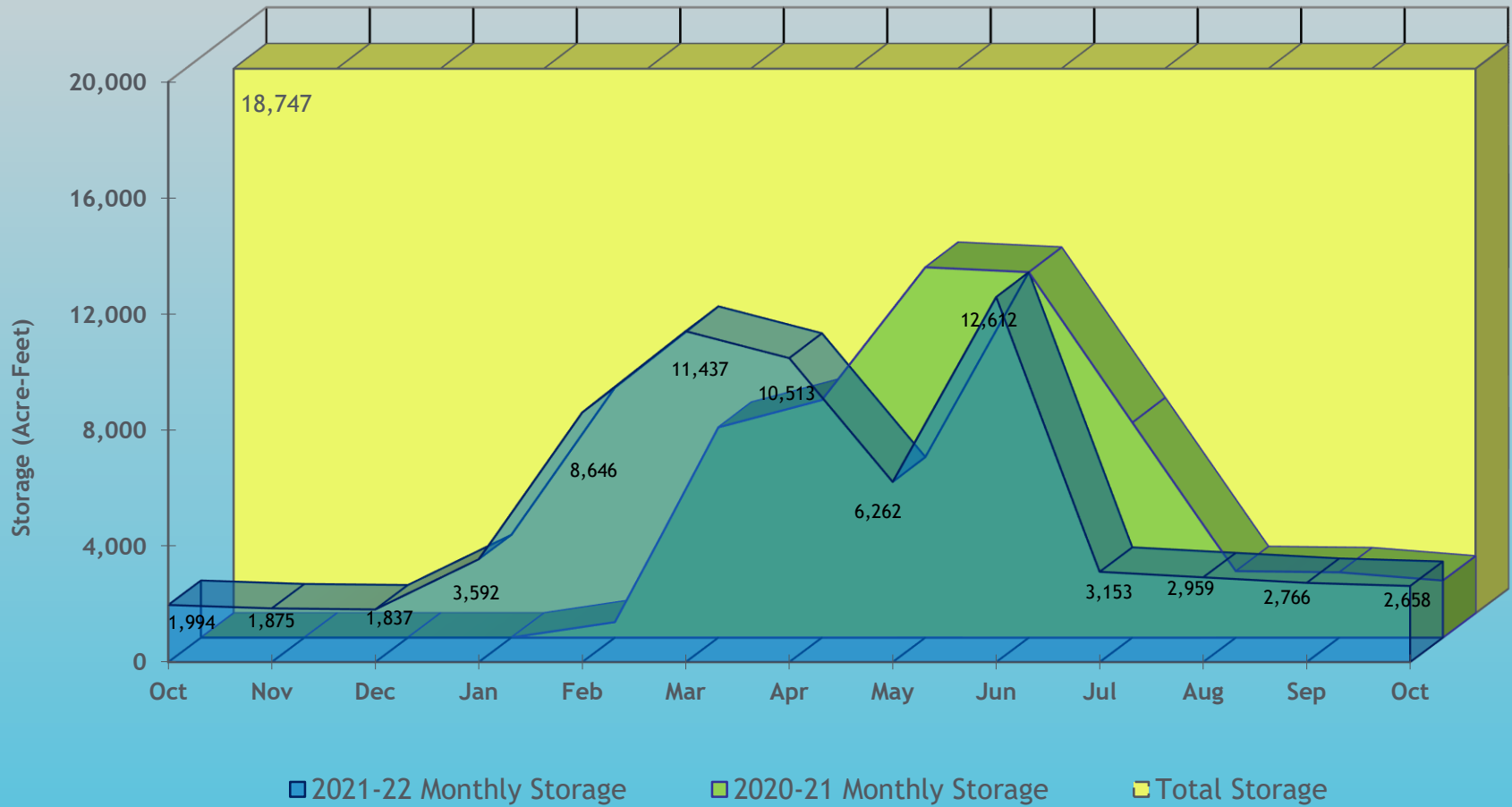
# Windsor Reservoir (District 3, Poudre River - Agricultural)



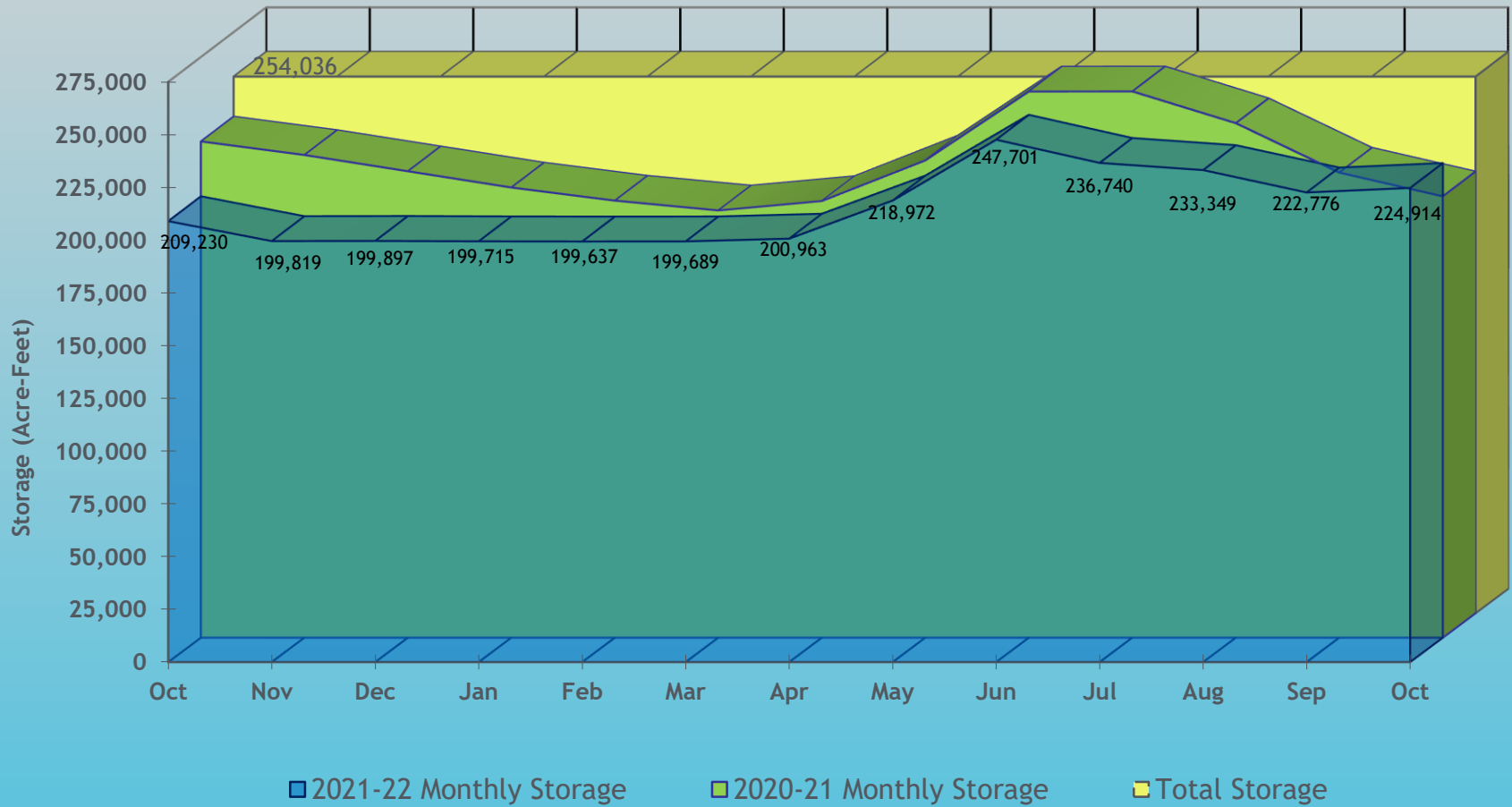
# Prospect Reservoir (District 1 - Agricultural)



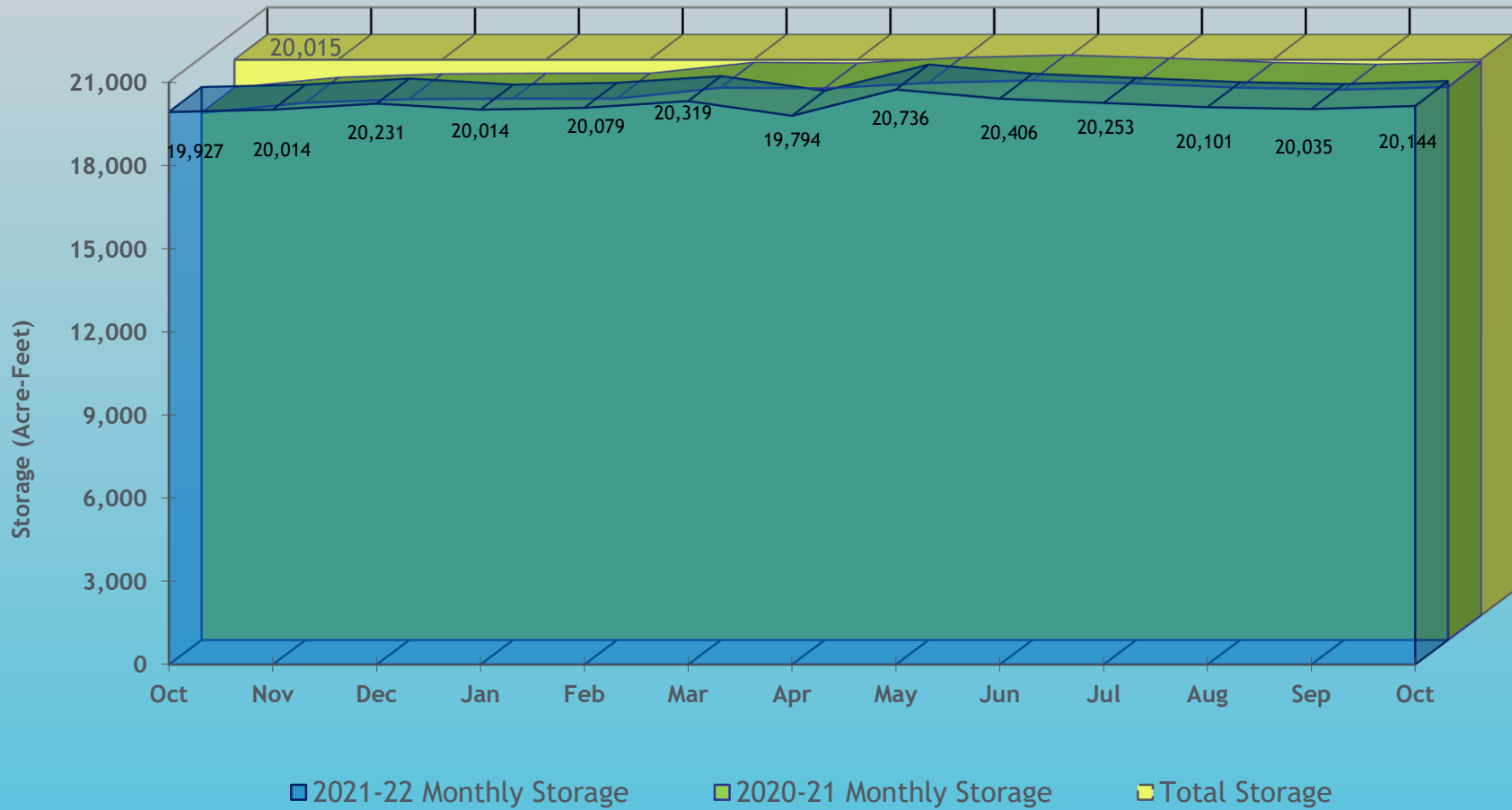
# Horse Creek Reservoir (District 1 - Agricultural)



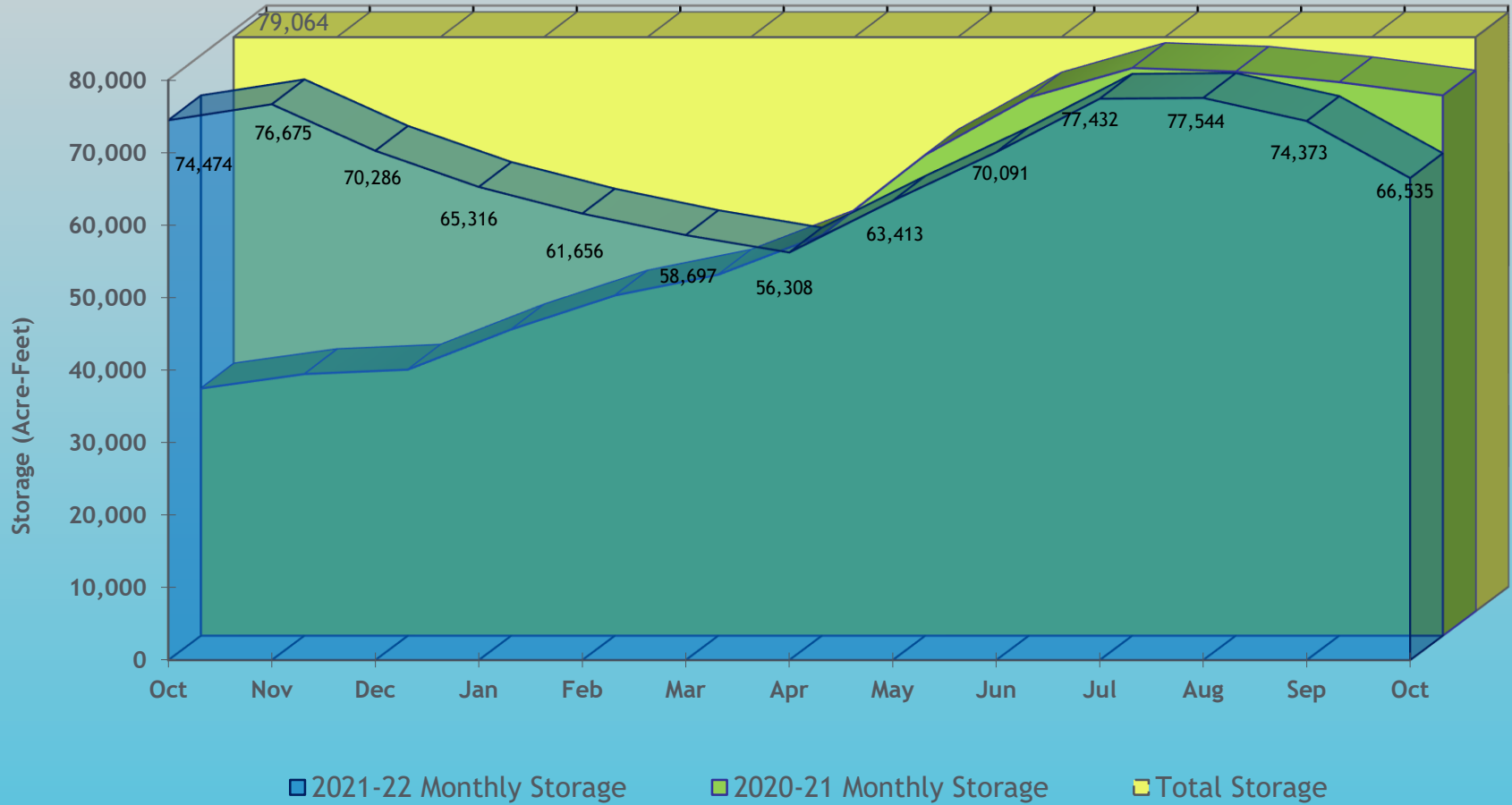
# Dillon Reservoir (District 1 - Municipal)



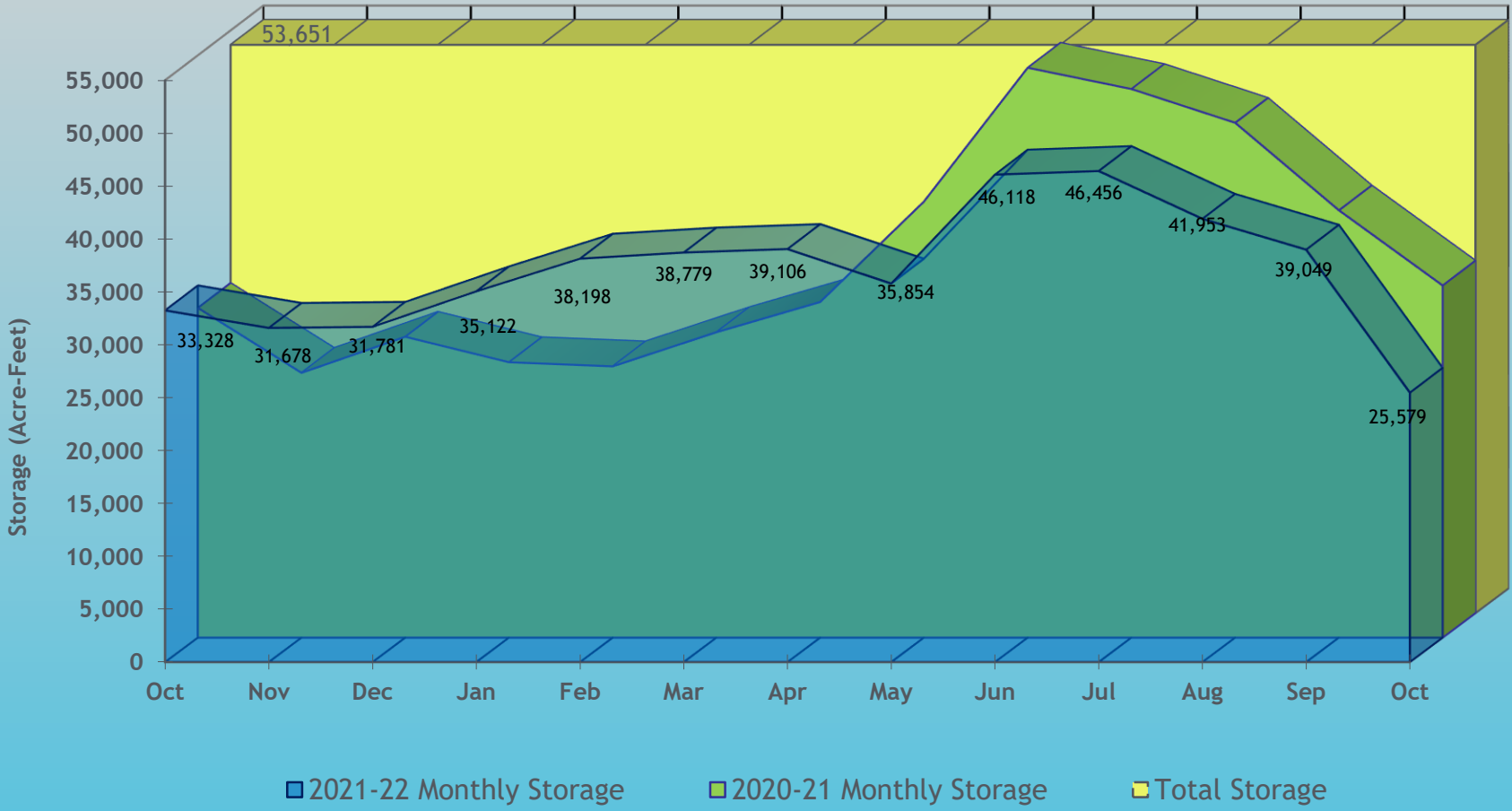
# Antero Reservoir (District 23 - Municipal)



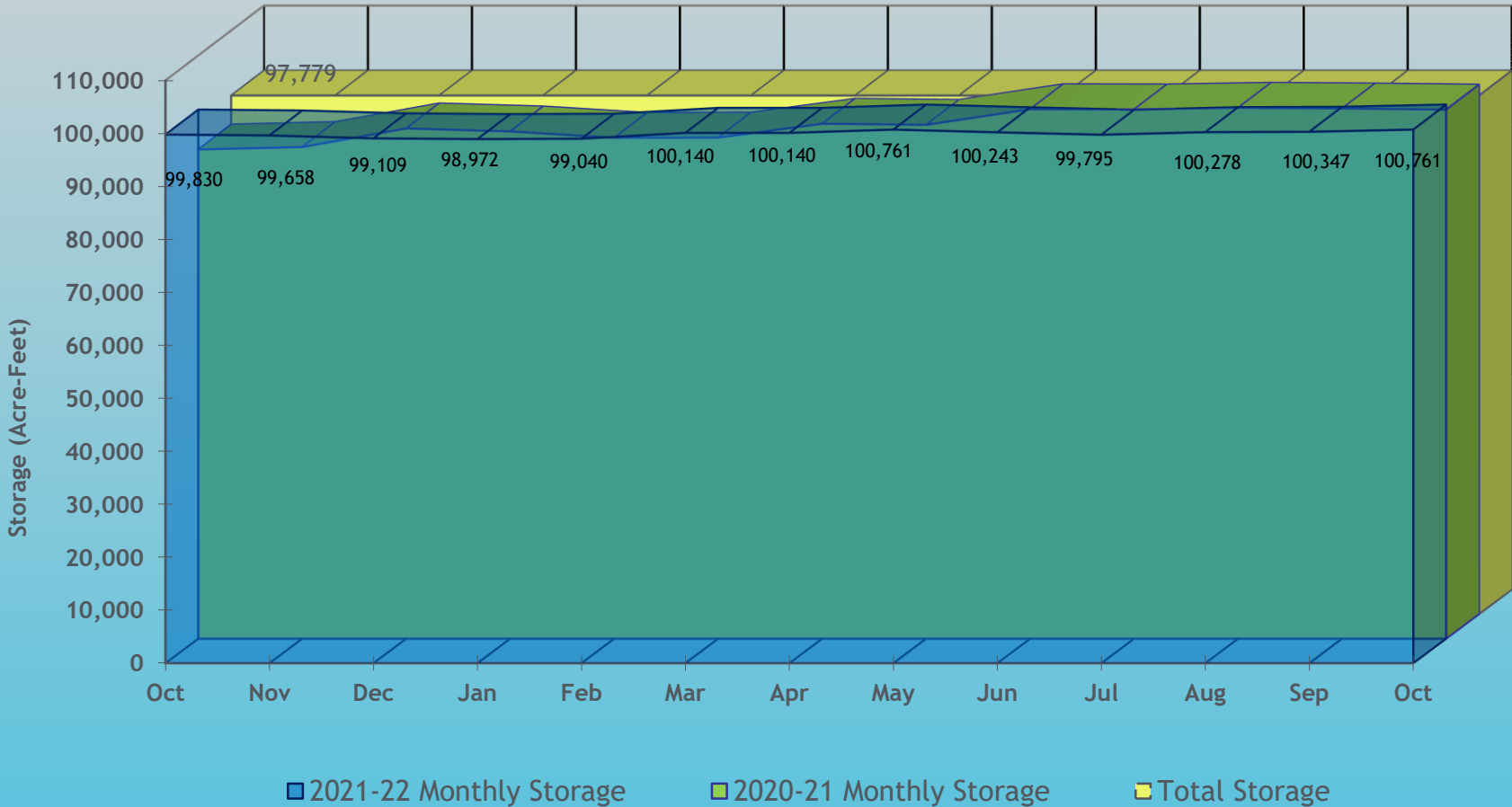
# Cheesman Reservoir (District 80 - Municipal)



# Spinney Mountain Reservoir (District 23 - Municipal)

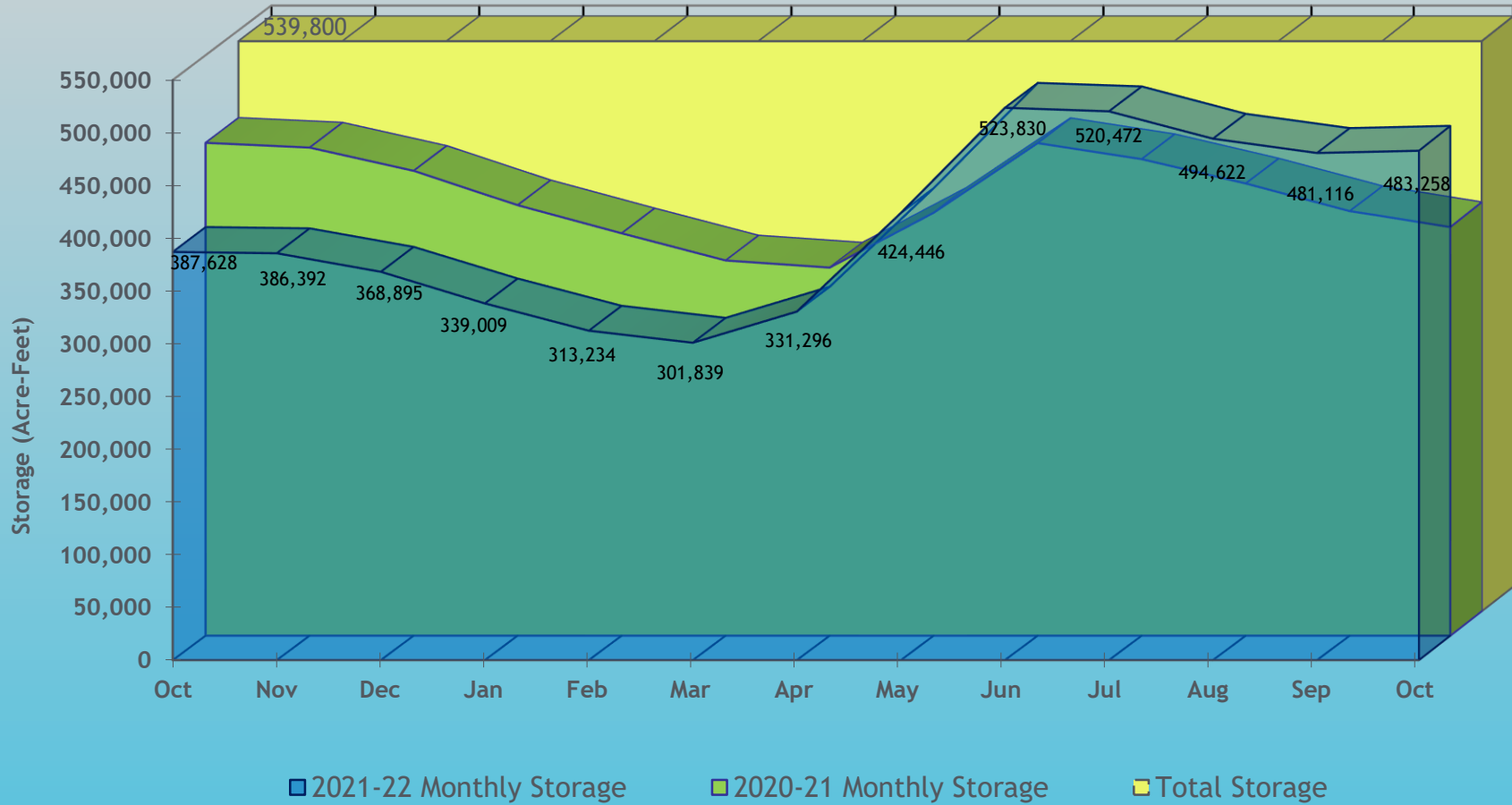


# Eleven Mile Reservoir (District 23 - Municipal)





# Lake Granby





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