



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

## South Platte Summary March 2025

Compiled by Lee Cunning, P.E.

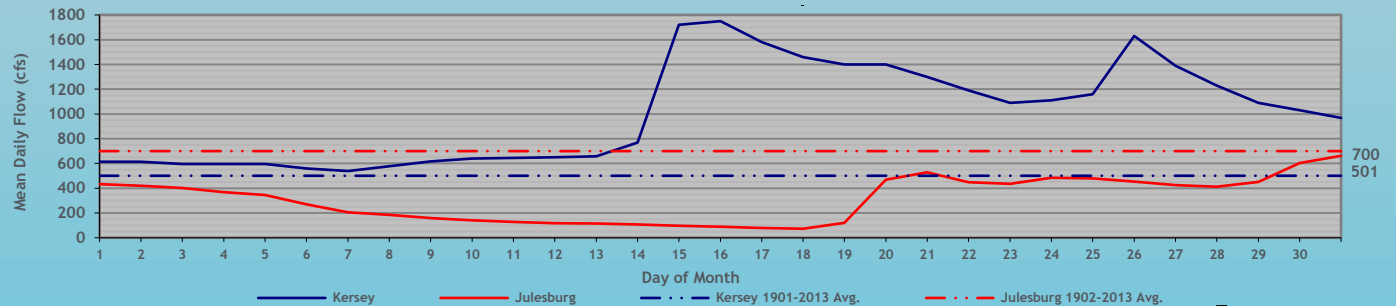
# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

## MONTH OF March 2025

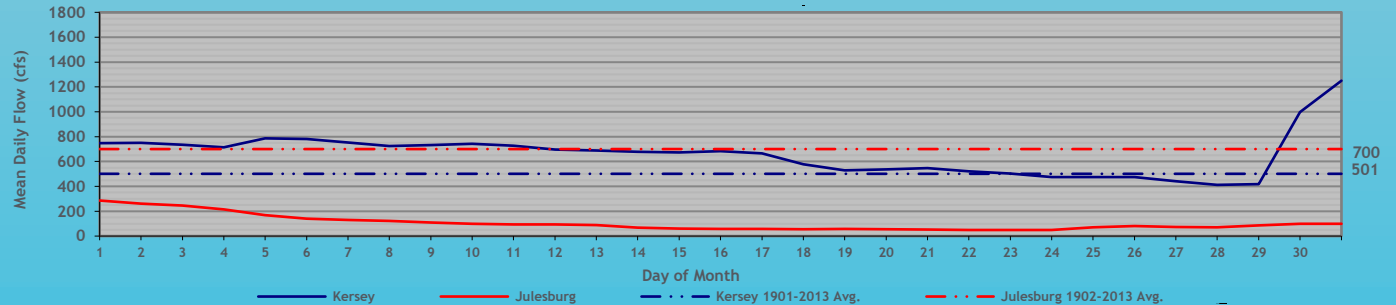
| RESERVOIR   | FULL ALLOWABLE CAPACITY (ACRE FEET) | FIRST OF MONTH (ACRE FEET) | END OF MONTH (ACRE FEET) | DISTRICT | CHANGE IN STORAGE (ACRE FEET) | % CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE | % OF CURRENT FULL ALLOWABLE CAPACITY | % OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR | SURCHARGE (ACRE FEET) |
|-------------|-------------------------------------|----------------------------|--------------------------|----------|-------------------------------|-----------------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------|
| JULESBURG   | 22,666                              | 15,492                     | 20,253                   | 64       | 4,761                         | 31%                                                 | 89%                                  | 97%                                                       | 0                     |
| N STERLING  | 73,730                              | 66,847                     | 74,156                   | 64       | 7,309                         | 11%                                                 | 100%                                 | 100%                                                      | 426                   |
| PREWITT     | 28,500                              | 27,790                     | 28,551                   | 64       | 761                           | 3%                                                  | 100%                                 | 100%                                                      | 51                    |
| JACKSON     | 27,257                              | 23,842                     | 26,934                   | 1        | 3,092                         | 13%                                                 | 99%                                  | 100%                                                      | 0                     |
| EMPIRE      | 37,700                              | 28,169                     | 33,766                   | 1        | 5,597                         | 20%                                                 | 90%                                  | 90%                                                       | 0                     |
| RIVERSIDE   | 63,113                              | 58,042                     | 63,303                   | 1        | 5,261                         | 9%                                                  | 100%                                 | 99%                                                       | 190                   |
| BARR LAKE   | 32,152                              | 23,430                     | 24,244                   | 2        | 814                           | 3%                                                  | 75%                                  | 100%                                                      | 0                     |
| CHEESMAN    | 79,064                              | 72,709                     | 70,522                   | 80       | -2,187                        | -3%                                                 | 89%                                  | 88%                                                       | 0                     |
| ELEVEN MILE | 97,779                              | 99,968                     | 99,521                   | 23       | -447                          | 0%                                                  | 100%                                 | 100%                                                      | 1,742                 |
| SPINNEY     | 53,651                              | 24,956                     | 26,593                   | 23       | 1,637                         | 7%                                                  | 50%                                  | 86%                                                       | 0                     |
| ANTERO      | 20,015                              | 18,879                     | 18,985                   | 23       | 106                           | 1%                                                  | 95%                                  | 100%                                                      | 0                     |

| RIVER GAGES                | MEAN DAILY FLOW (CFS)  |
|----------------------------|------------------------|
| KERSEY                     | 659                    |
| JULESBURG                  | 104                    |
| THIS MONTH LAST YEAR       |                        |
| KERSEY                     | 1005                   |
| JULESBURG                  | 313                    |
| MEAN FOR PERIOD OF RECORD* |                        |
| KERSEY                     | 501                    |
| JULESBURG                  | 700                    |
| *Kersey 1901 - 2022        | *Julesburg 1902 - 2022 |

KERSEY and JULESBURG  
March 2024

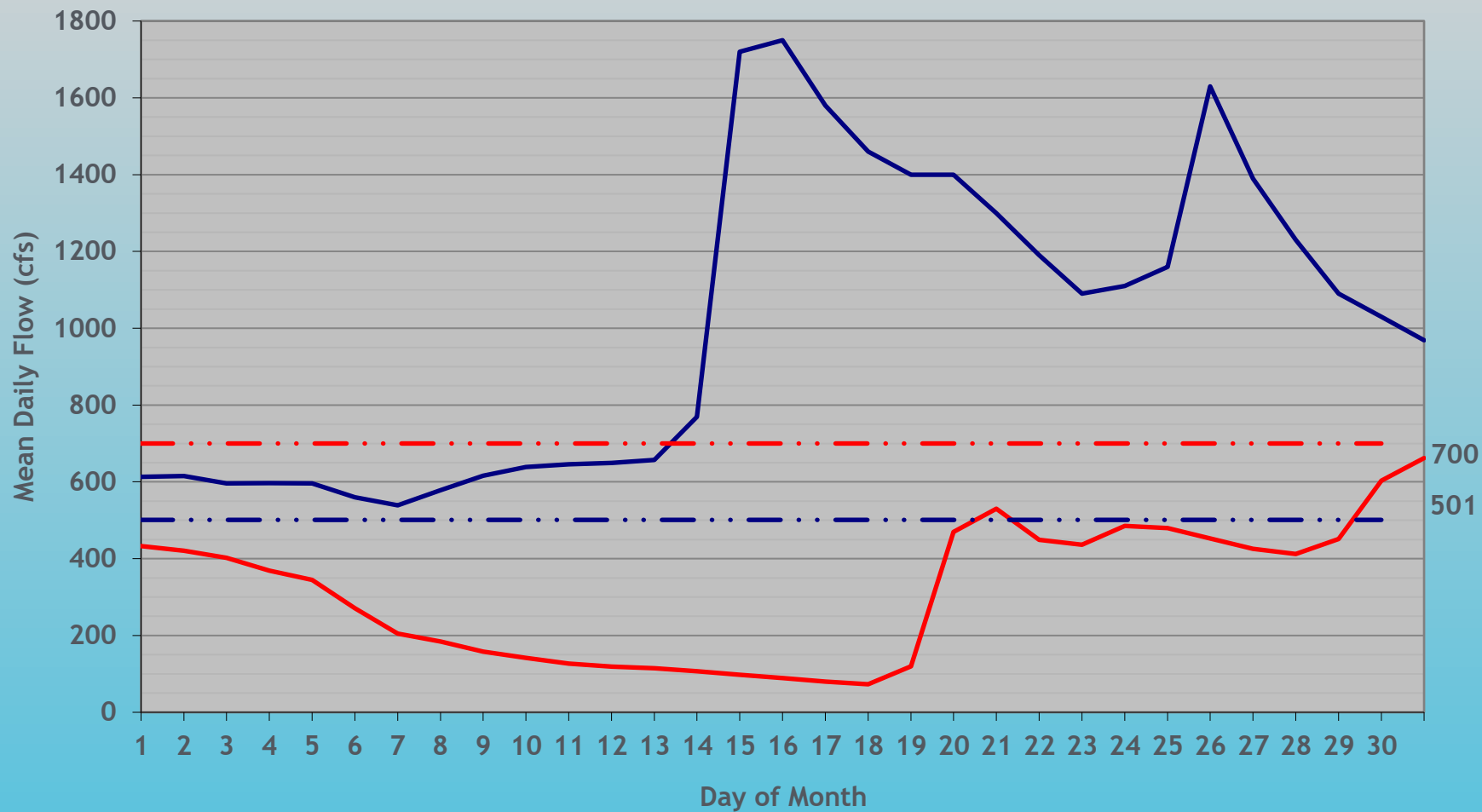


KERSEY and JULESBURG  
March 2025



# KERSEY and JULESBURG

## March 2024

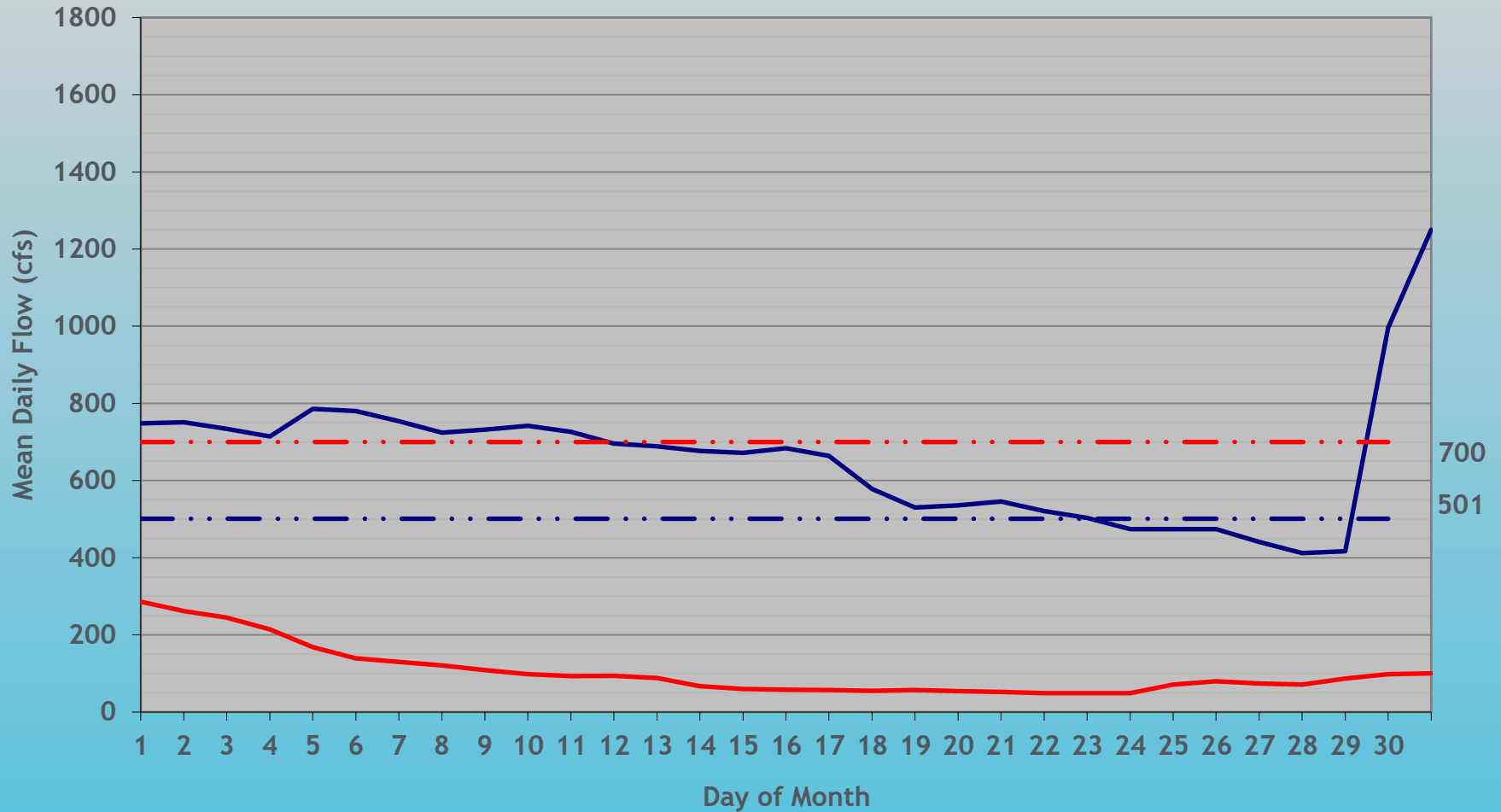


— Kersey — Julesburg — • Kersey 1901-2013 Avg. — • Julesburg 1902-2013 Avg.



# KERSEY and JULESBURG

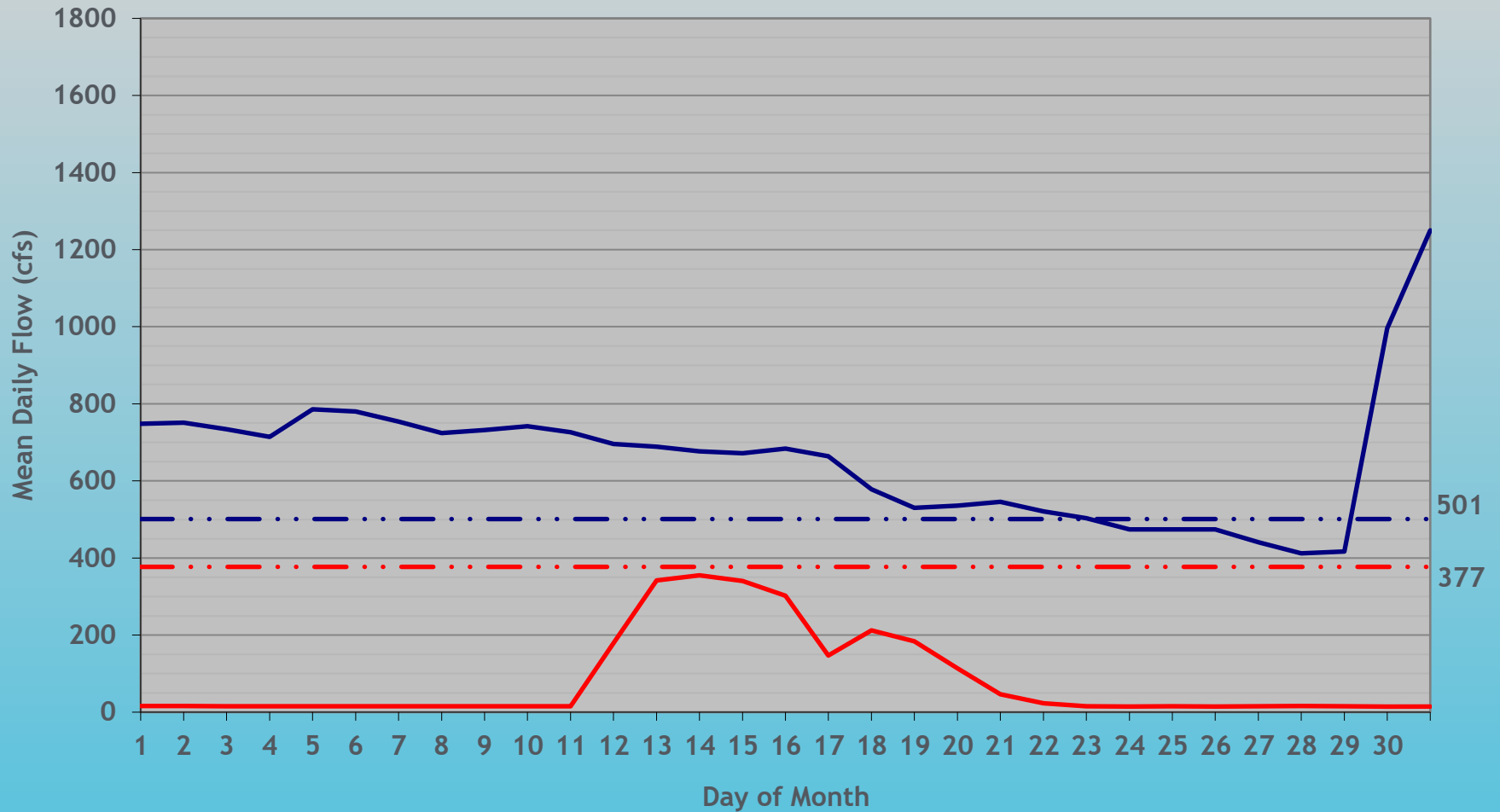
## March 2025



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

# KERSEY and BALZAC

## March 2025



— Kersey

— Balzac

· Kersey 1901-2013 Avg.

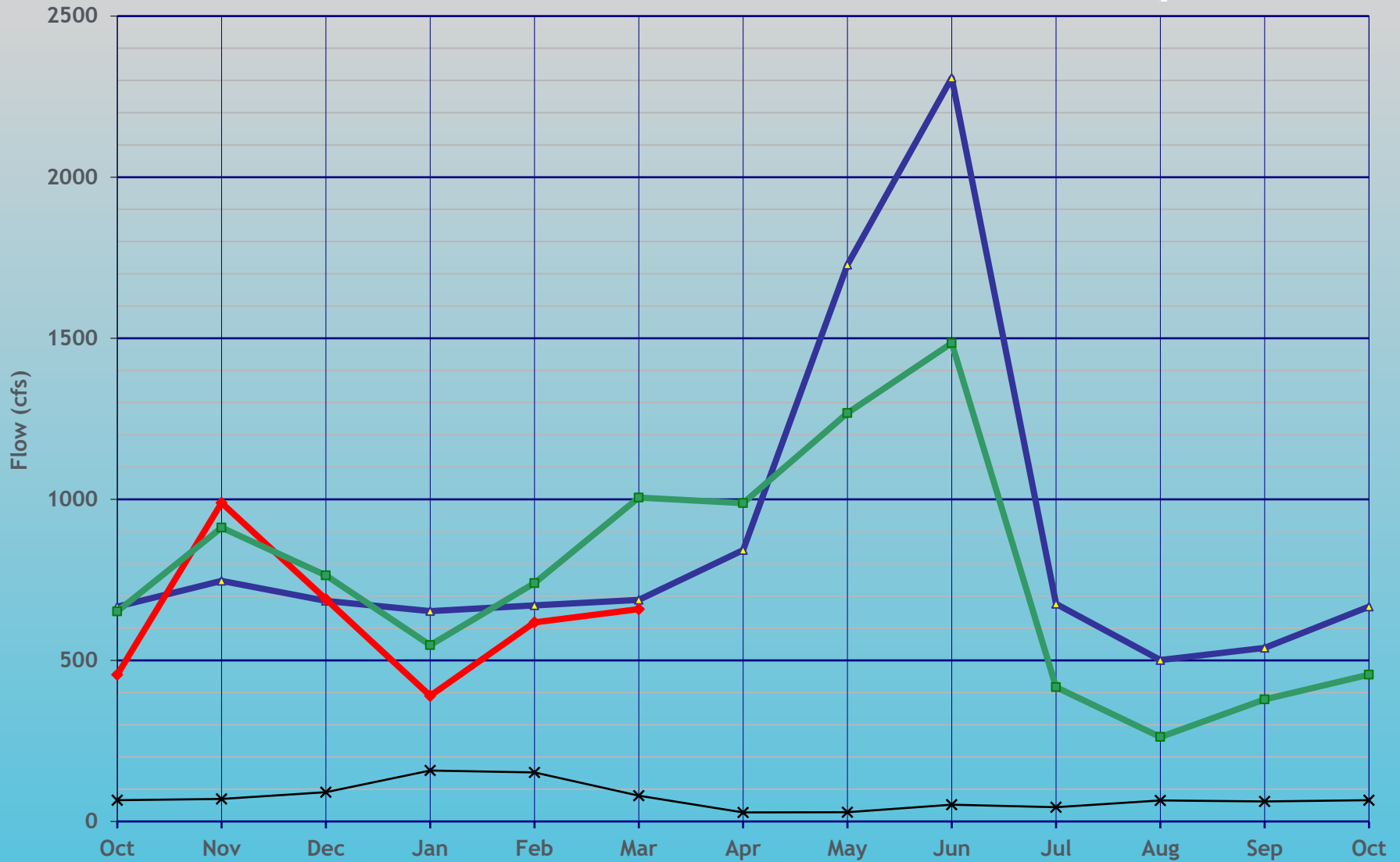
· Balzac 1917-2013 Avg.

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

| South Platte River at Kersey |                        |                       |      |                       |      |                                 | South Platte River at Julesburg |                        |                       |      |                       |      |                                 |
|------------------------------|------------------------|-----------------------|------|-----------------------|------|---------------------------------|---------------------------------|------------------------|-----------------------|------|-----------------------|------|---------------------------------|
| Month                        | Historic*<br>Mean Flow | Historic*<br>Max Flow | Year | Historic*<br>Min Flow | Year | IY 2025<br>Mean Monthly<br>Flow | Month                           | Historic*<br>Mean Flow | Historic*<br>Max Flow | Year | Historic*<br>Min Flow | Year | IY 2025<br>Mean Monthly<br>Flow |
| Oct                          | 667                    | 6180                  | 1984 | 66                    | 1954 | 456                             | Oct                             | 299                    | 3130                  | 1984 | 4.2                   | 1903 | 17                              |
| Nov                          | 747                    | 3650                  | 1984 | 70                    | 1934 | 989                             | Nov                             | 335                    | 2900                  | 1984 | 4.2                   | 1903 | 63                              |
| Dec                          | 685                    | 1890                  | 1961 | 91                    | 1934 | 690                             | Dec                             | 401                    | 1820                  | 1984 | 13                    | 2002 | 153                             |
| Jan                          | 652                    | 2160                  | 1974 | 158                   | 1935 | 390                             | Jan                             | 512                    | 2510                  | 1970 | 21                    | 2003 | 212                             |
| Feb                          | 671                    | 3060                  | 1914 | 152                   | 1935 | 618                             | Feb                             | 578                    | 3220                  | 1930 | 29                    | 2005 | 304                             |
| Mar                          | 688                    | 3470                  | 1983 | 80                    | 1935 | 659                             | Mar                             | 512                    | 12900                 | 1910 | 15                    | 1904 | 104                             |
| Apr                          | 842                    | 18100                 | 1942 | 28                    | 1955 |                                 | Apr                             | 514                    | 14400                 | 1942 | 4.0                   | 1904 |                                 |
| May                          | 1728                   | 26100                 | 1973 | 29                    | 1955 |                                 | May                             | 994                    | 18100                 | 1973 | 12                    | 1911 |                                 |
| Jun                          | 2308                   | 31000                 | 1921 | 52                    | 1954 |                                 | Jun                             | 1426                   | 30800                 | 1921 | 2.0                   | 1910 |                                 |
| Jul                          | 675                    | 12600                 | 1983 | 44                    | 1955 |                                 | Jul                             | 311                    | 12600                 | 1983 | 0.0                   | 1903 |                                 |
| Aug                          | 501                    | 9690                  | 1951 | 65                    | 1934 |                                 | Aug                             | 178                    | 8920                  | 1968 | 0.0                   | 1903 |                                 |
| Sep                          | 539                    | 14200                 | 1938 | 62                    | 1940 |                                 | Sep                             | 284                    | 7130                  | 1938 | 2.0                   | 1902 |                                 |
| Oct                          | 667                    | 6180                  | 1984 | 66                    | 1954 |                                 | Oct                             | 299                    | 3130                  | 1984 | 4.2                   | 1903 |                                 |
| *Period of record 1902-2021  |                        |                       |      |                       |      |                                 | *Period of record 1902-2021     |                        |                       |      |                       |      |                                 |

# South Platte River at Kersey

Irrigation Year



—▲— Historic\* Mean Flow

—×— Historic\* Min Flow

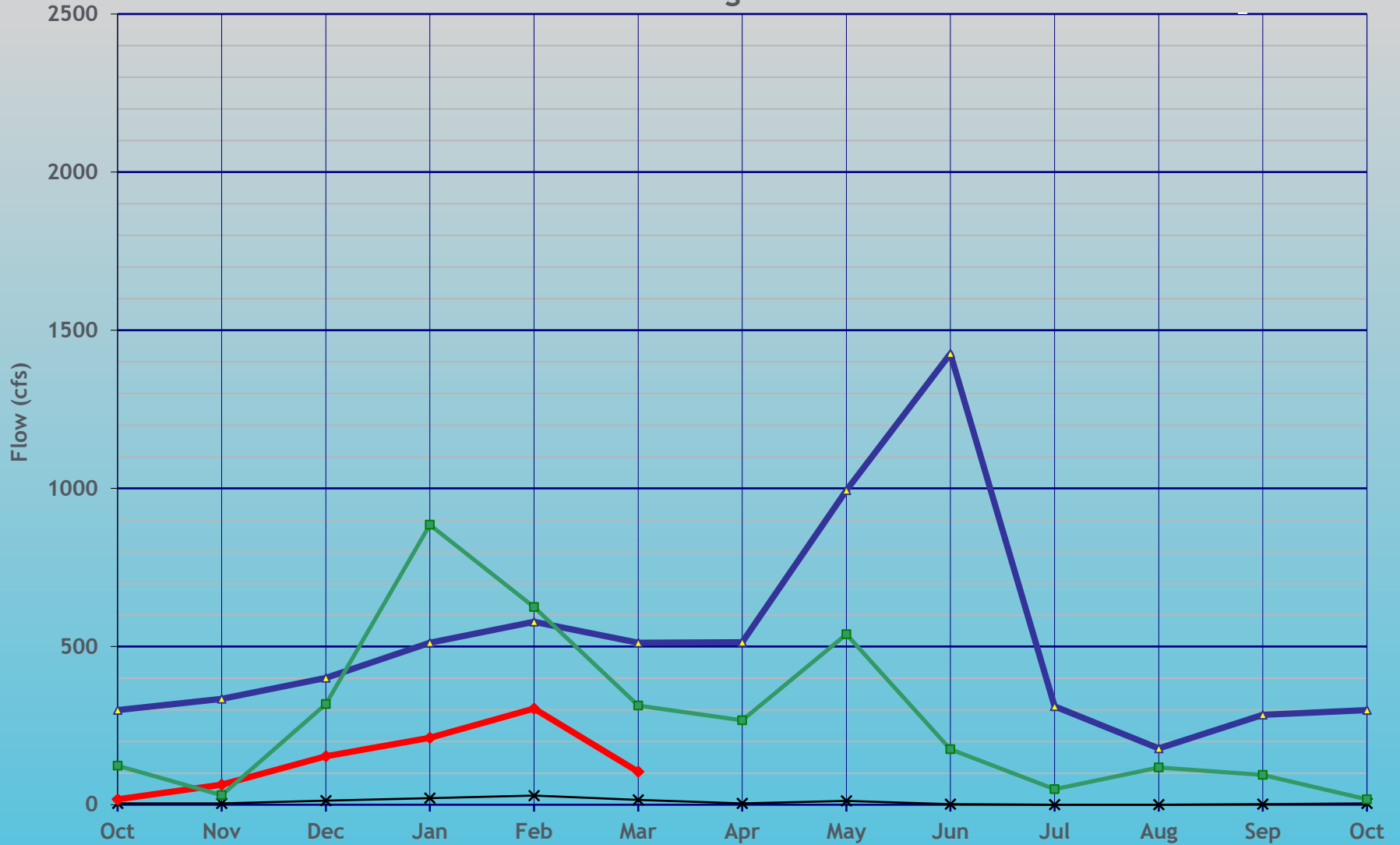
—◆— 2024-2025 Mean Flow

—■— 2023-2024 Mean Flow

\*1901-2021

# South Platte River at Julesburg

Irrigation Year



—▲— Historic\* Mean Flow    —×— Historic\* Min Flow    —◆— 2024-2025 Mean Flow    —■— 2023-2024 Mean Flow

\*1901-2021

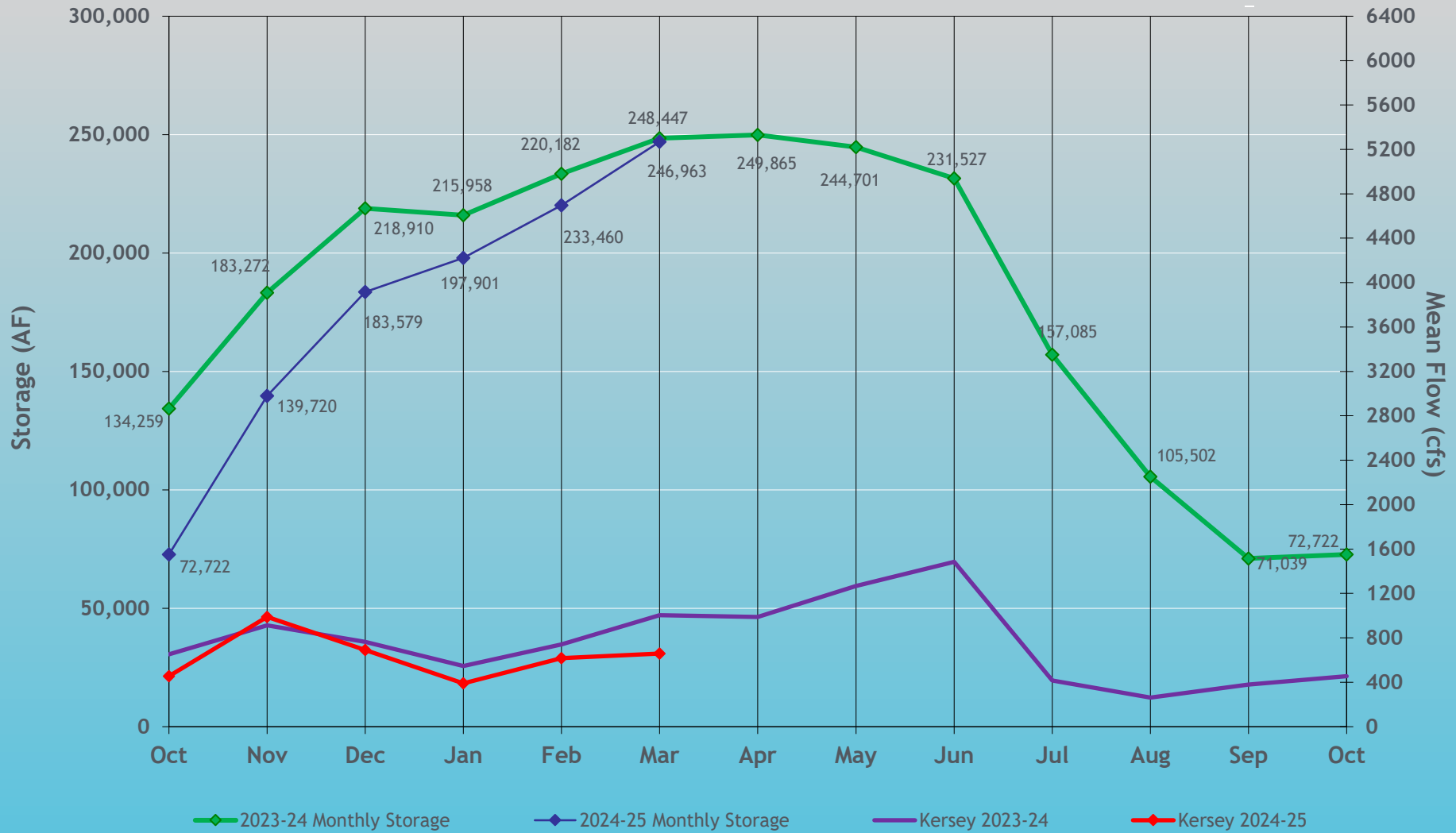






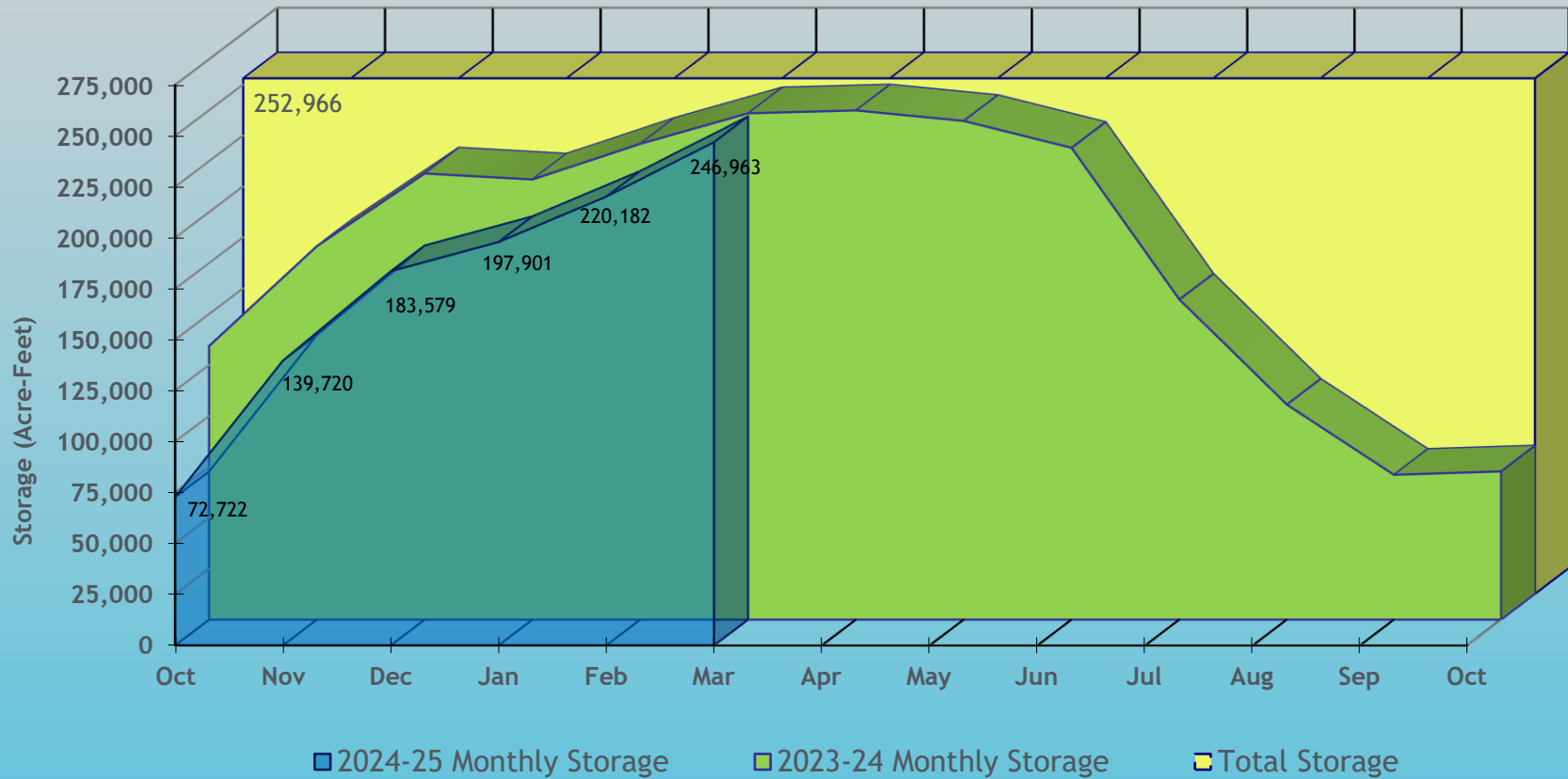
# Reservoir Storage below Kersey

Selected Reservoirs\*



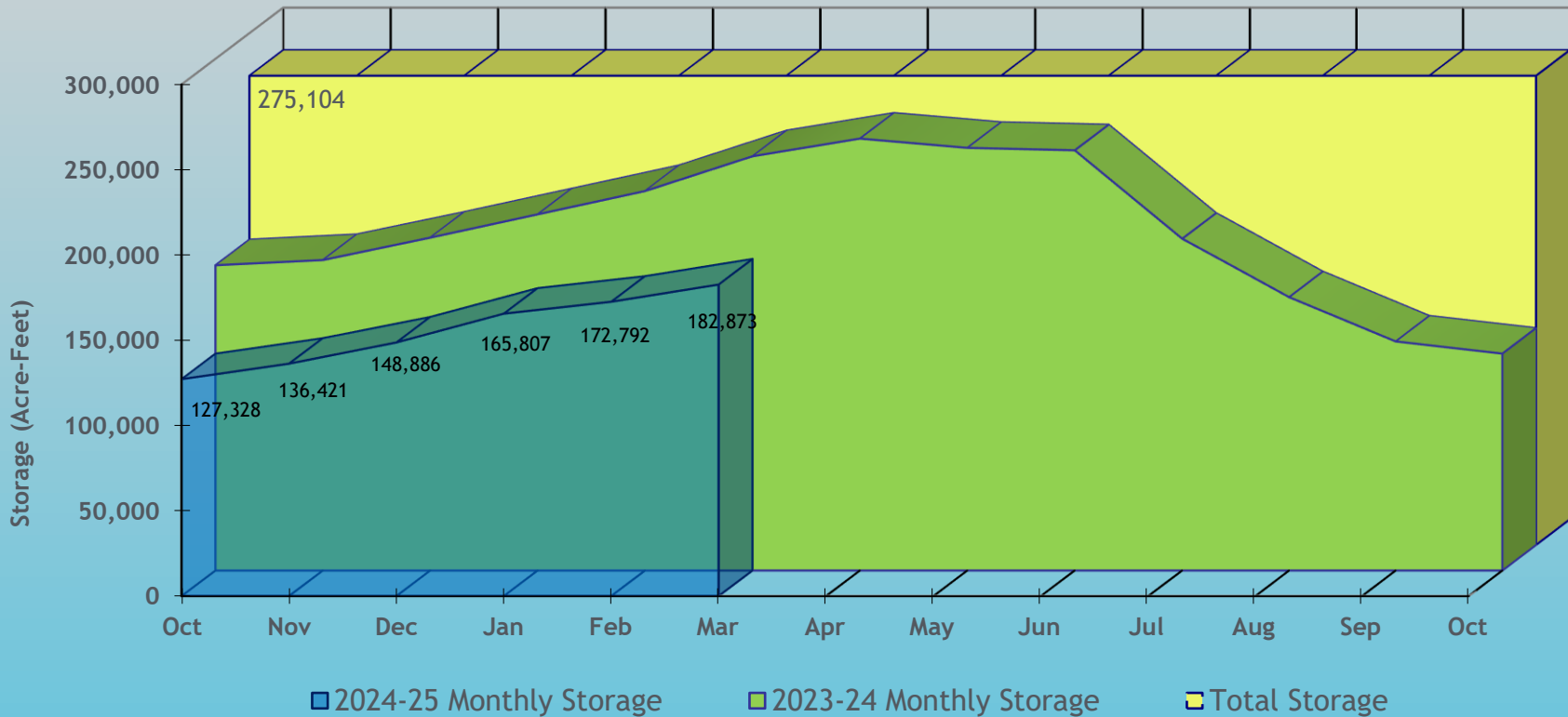
\*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

# South Platte Reservoir Storage below Kersey\*



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

# South Platte Reservoir Storage above Kersey\*



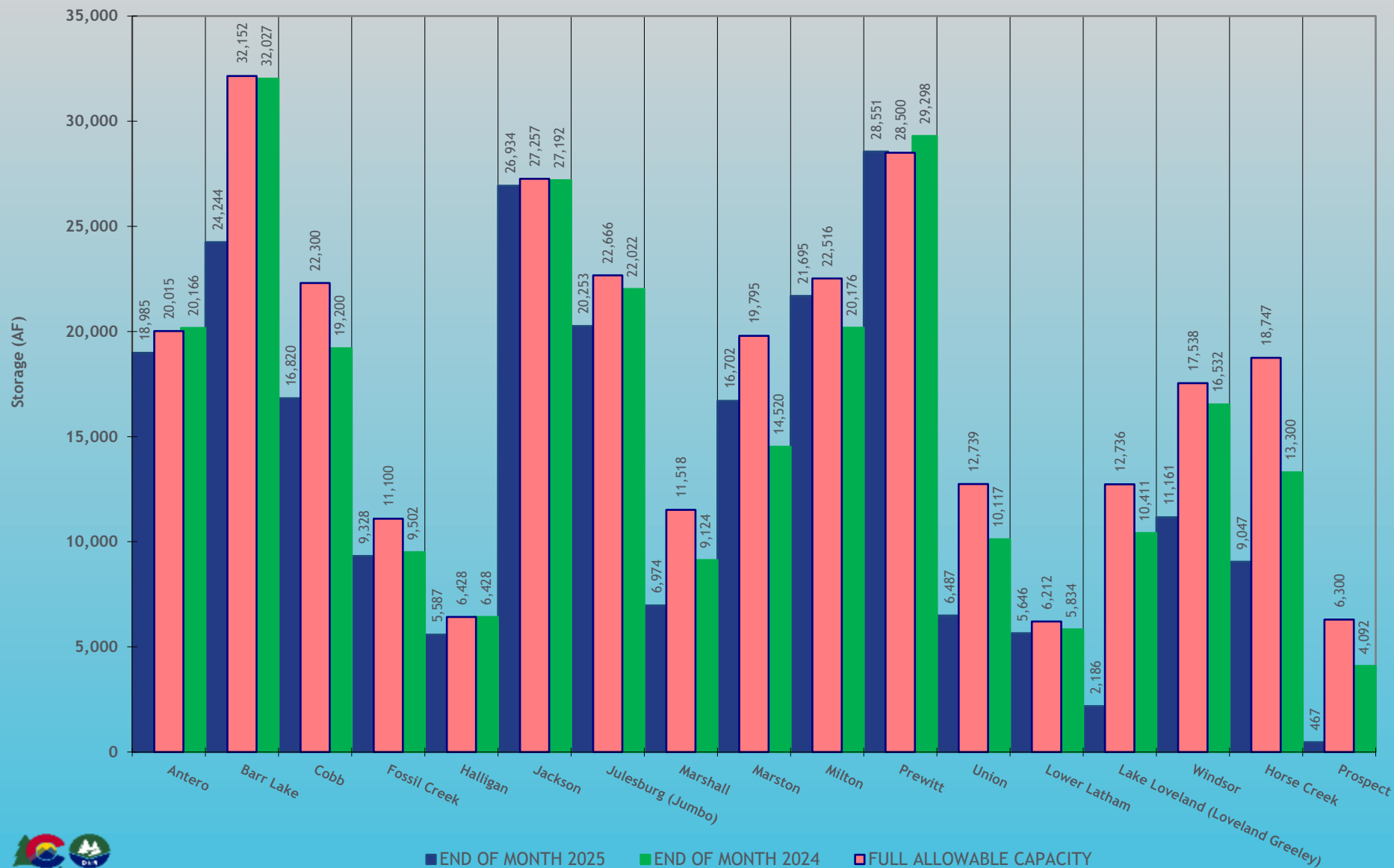
\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect



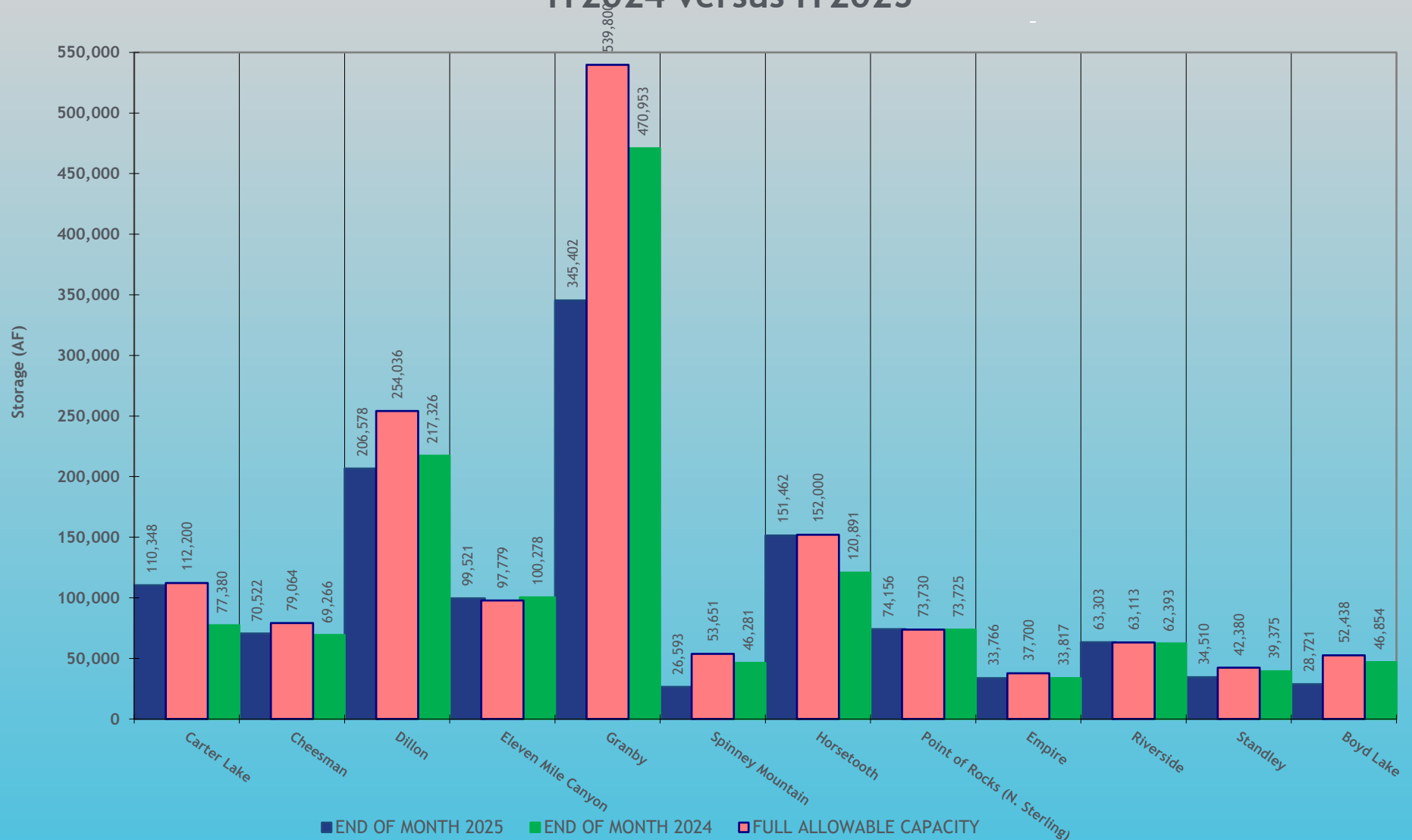




# March Reservoir Change in Storage IY2024 versus IY2025



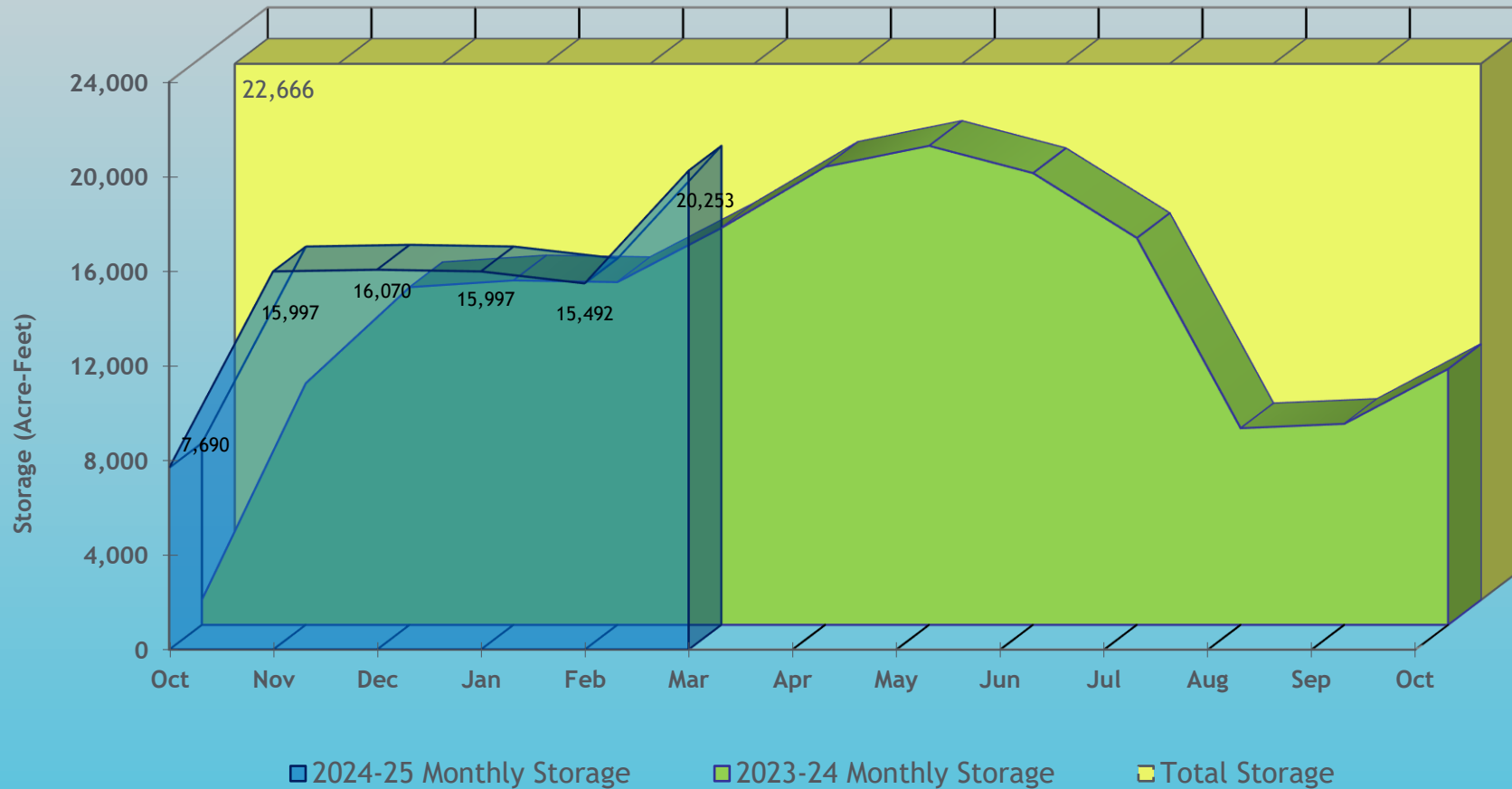
# March Reservoir Change in Storage IY2024 versus IY2025



■ END OF MONTH 2025 ■ END OF MONTH 2024 ■ FULL ALLOWABLE CAPACITY



# Julesburg Reservoir (District 64 - Agricultural)

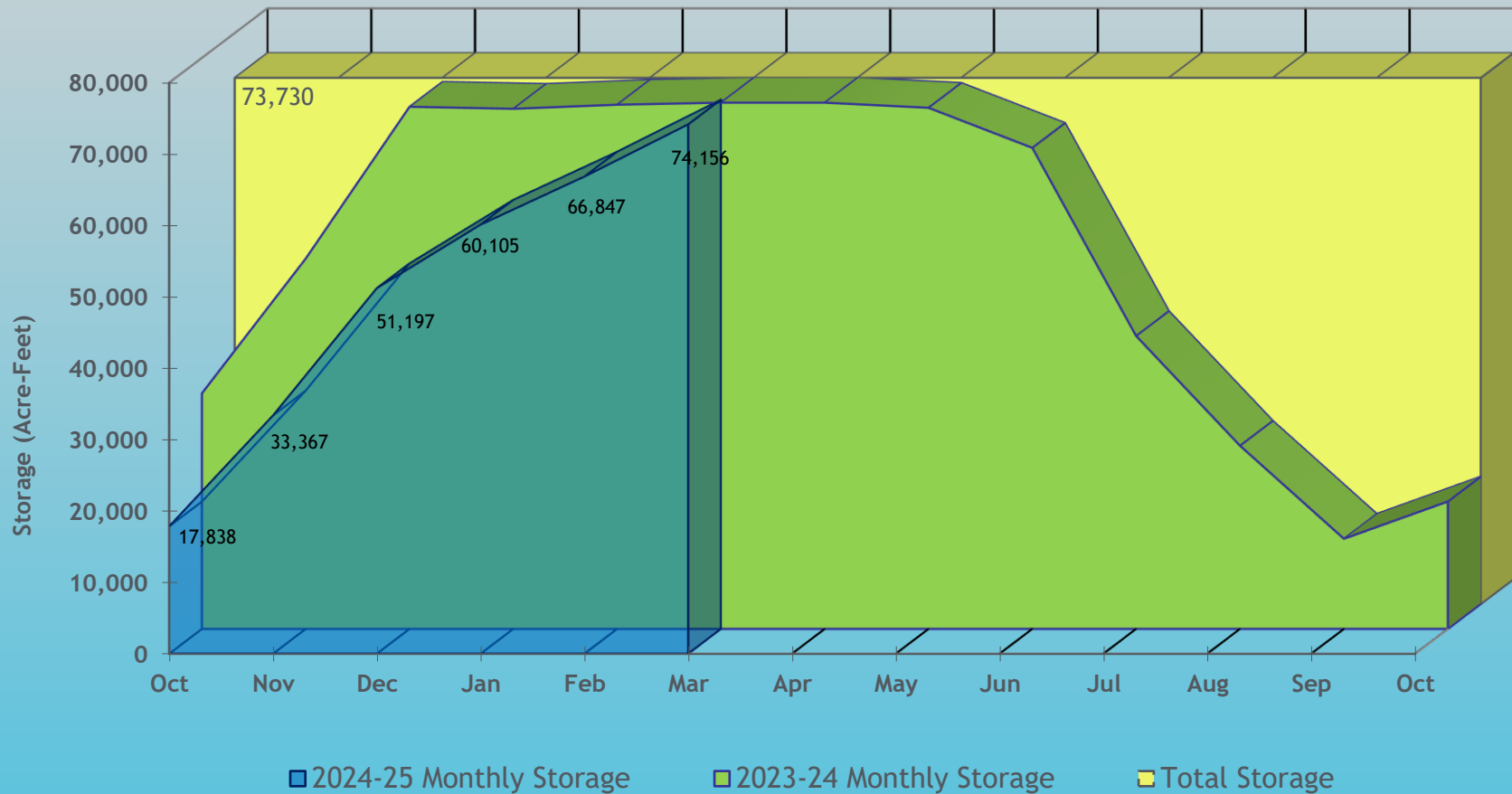


■ 2024-25 Monthly Storage

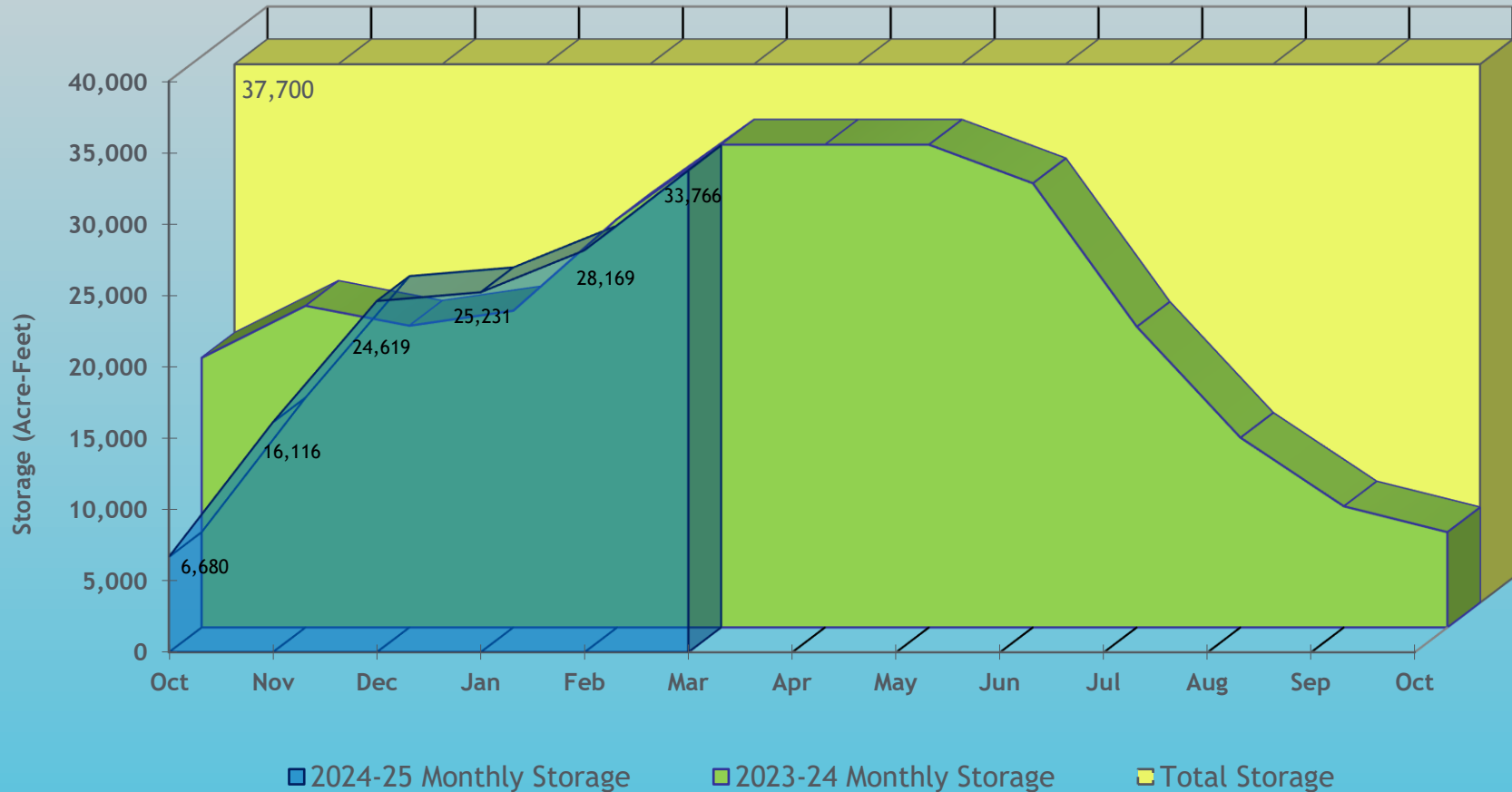
■ 2023-24 Monthly Storage

■ Total Storage

# North Sterling Reservoir (District 64 - Agricultural)



# Empire Reservoir (District 1 - Agricultural)



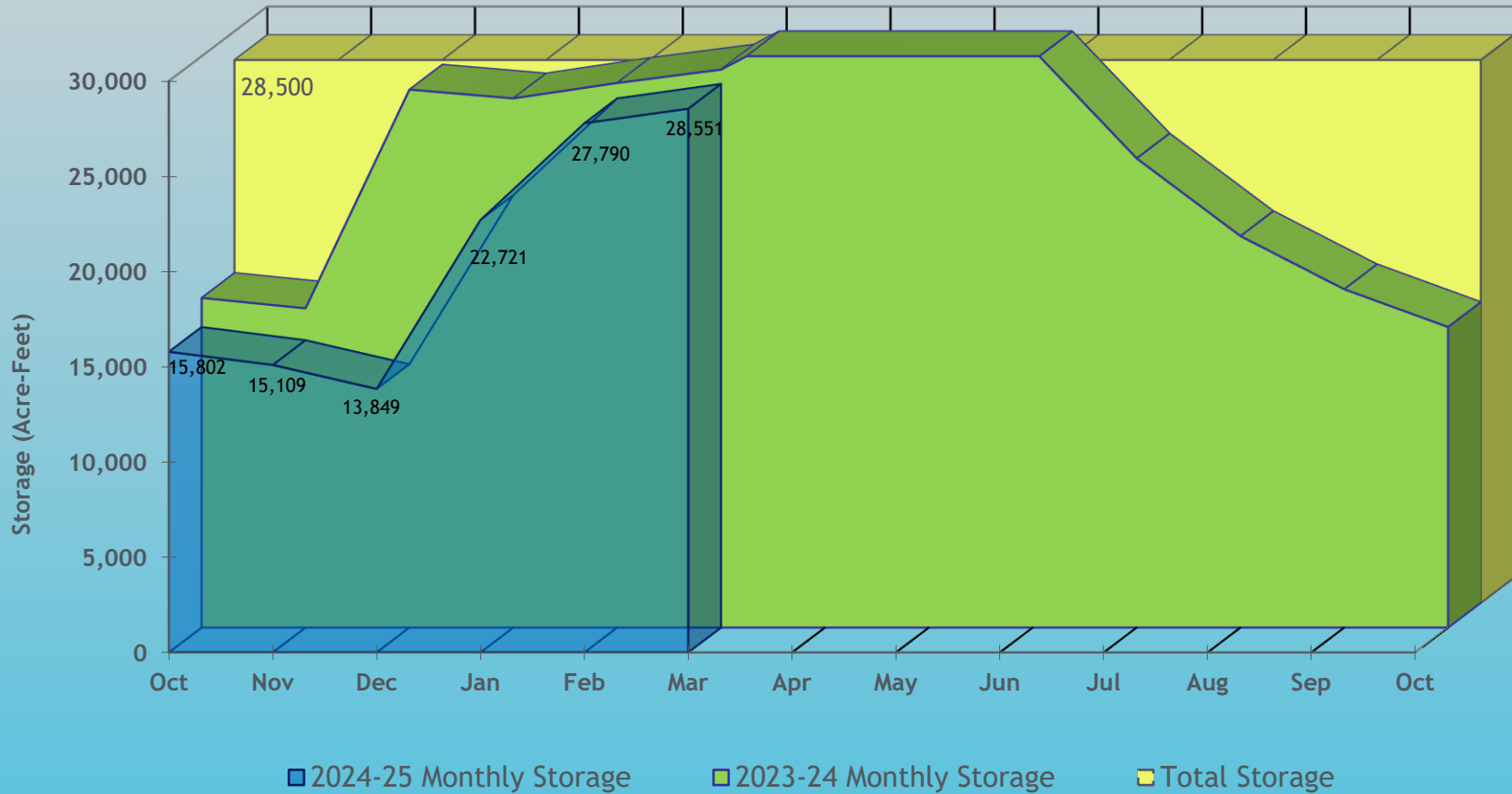
2024-25 Monthly Storage

2023-24 Monthly Storage

Total Storage



# Prewitt Reservoir (District 64 - Agricultural)

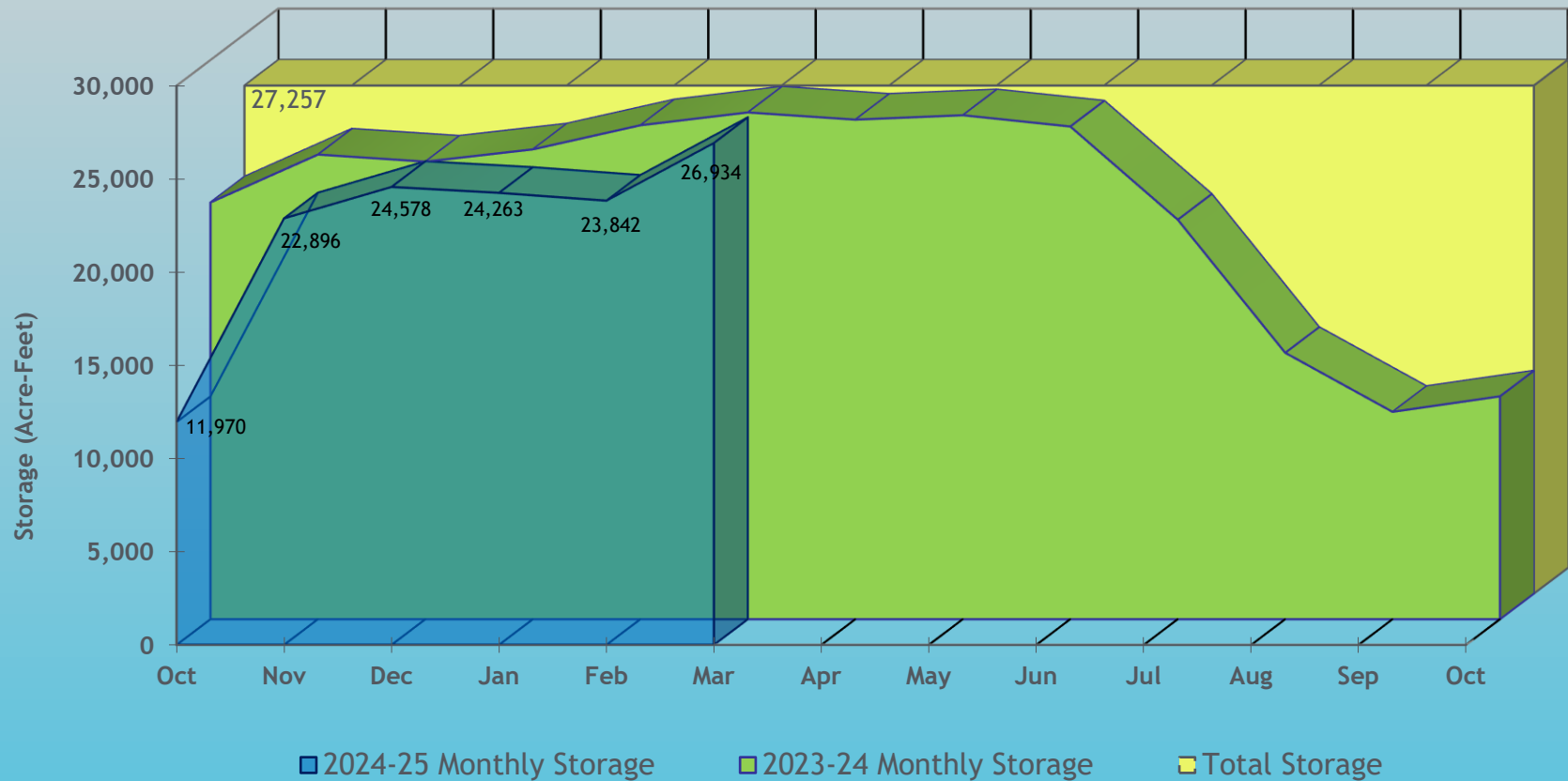


2024-25 Monthly Storage

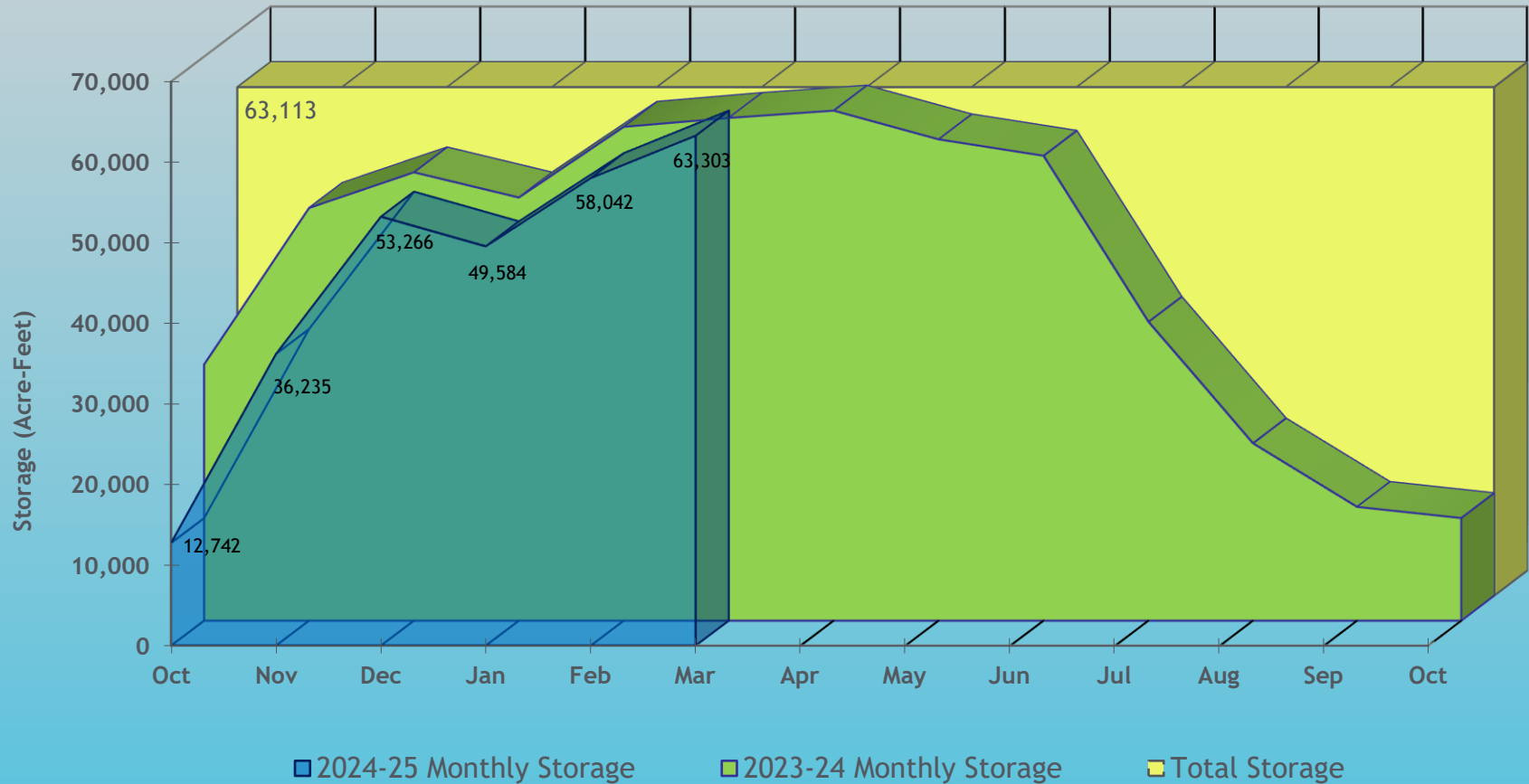
2023-24 Monthly Storage

Total Storage

# Jackson Reservoir (District 1 - Agricultural)

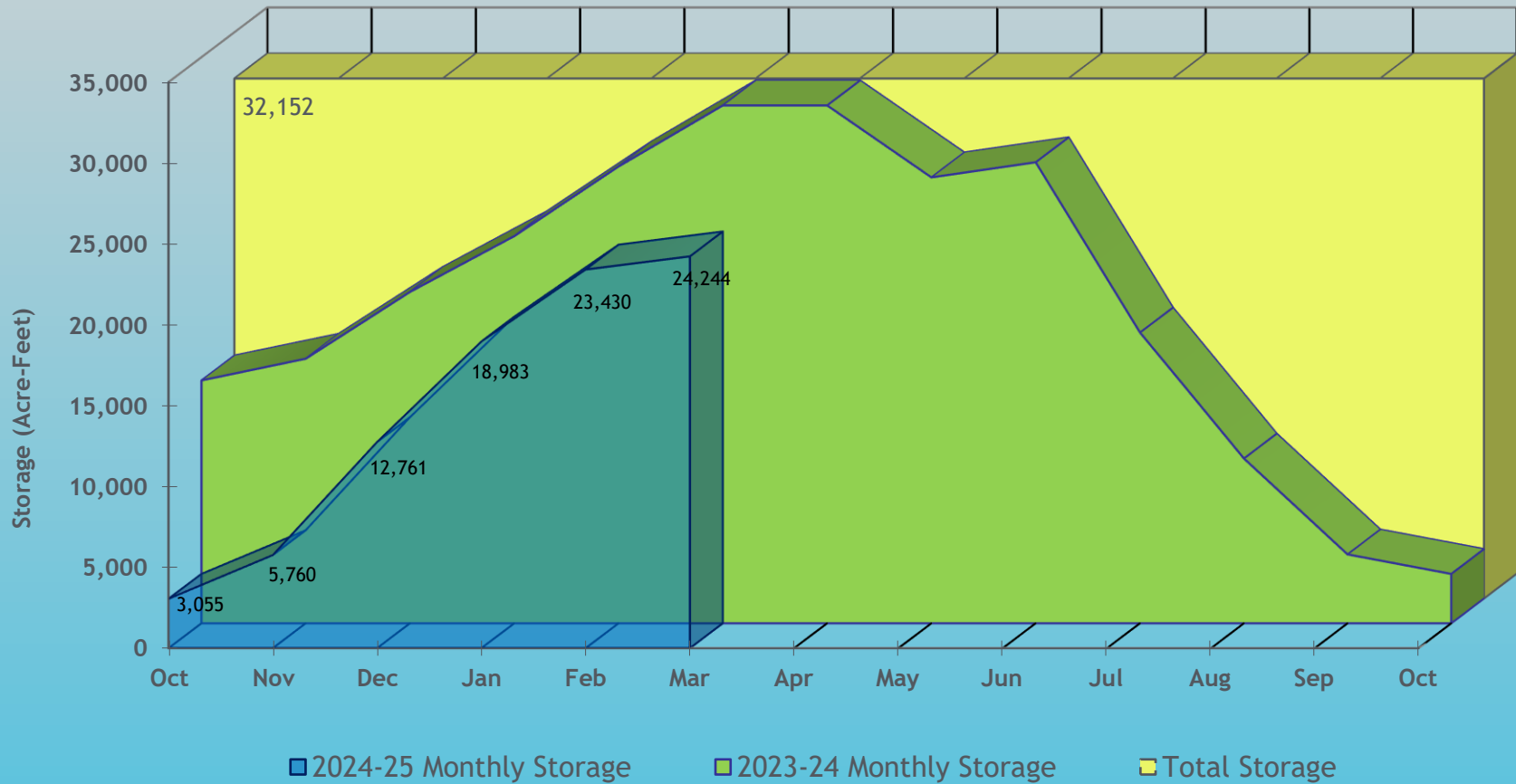


# Riverside Reservoir (District 1 - Agricultural)



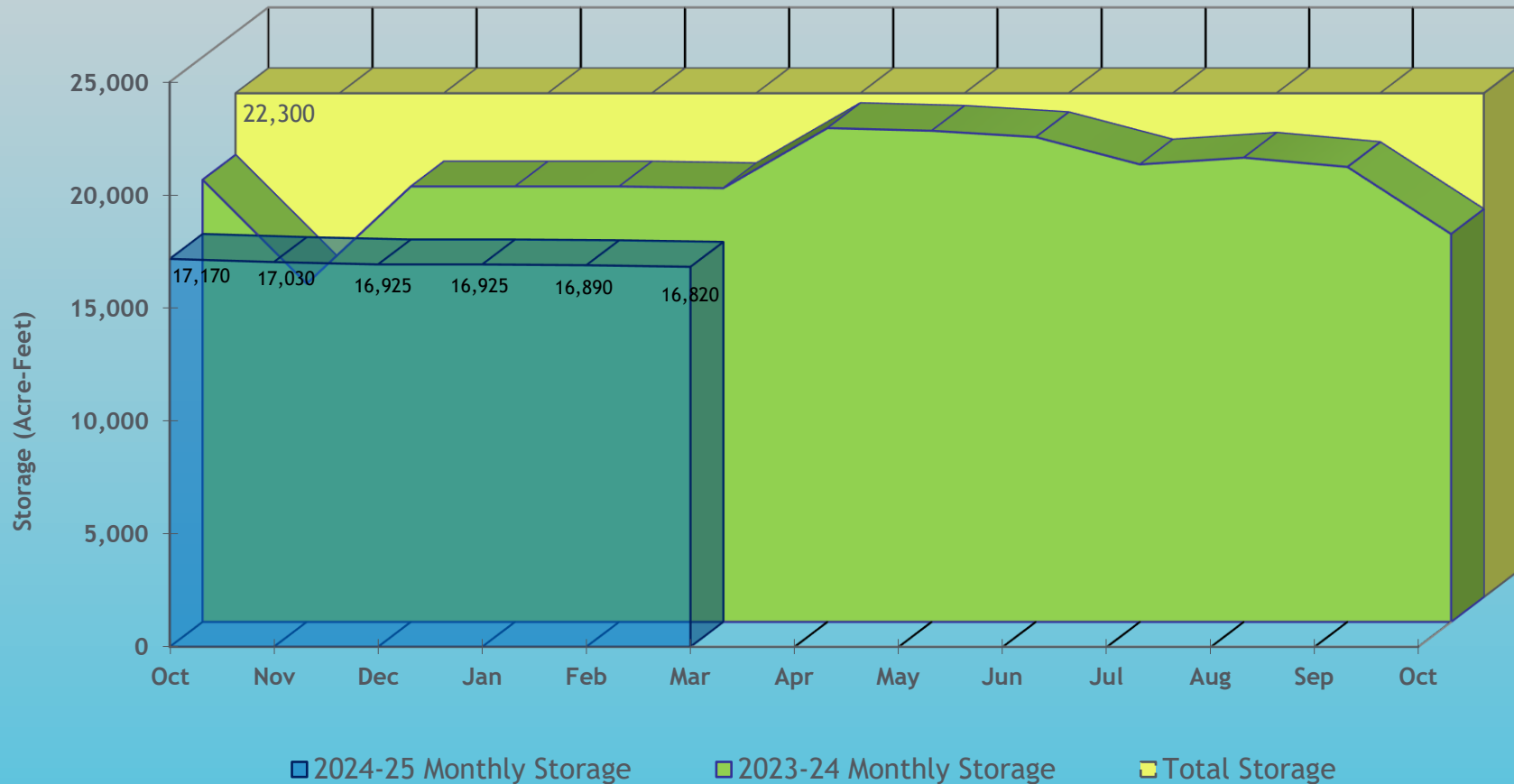


# Barr Reservoir (District 2 - Agricultural)



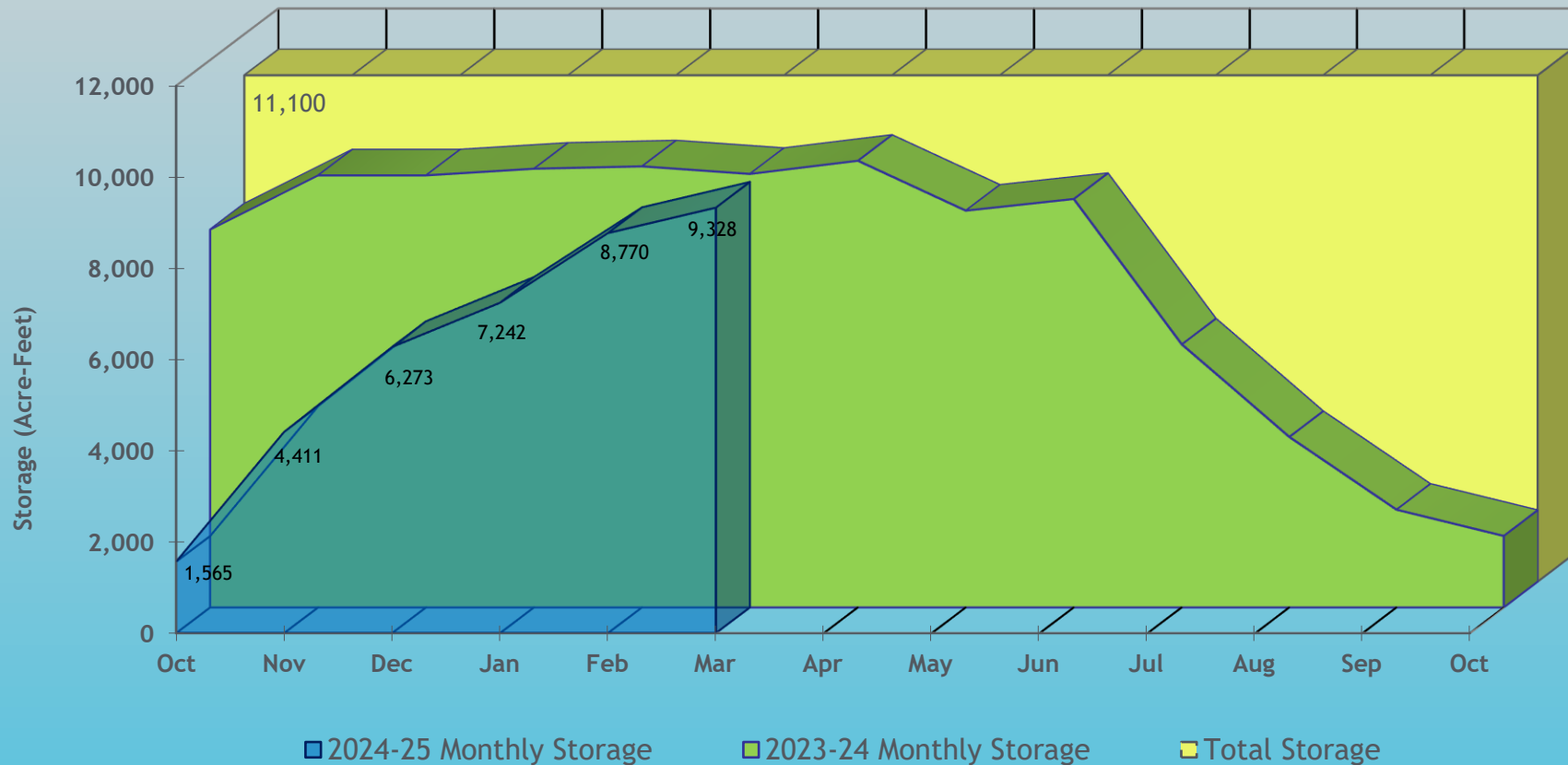
# Cobb Reservoir

## (District 3, Poudre River - Agricultural)



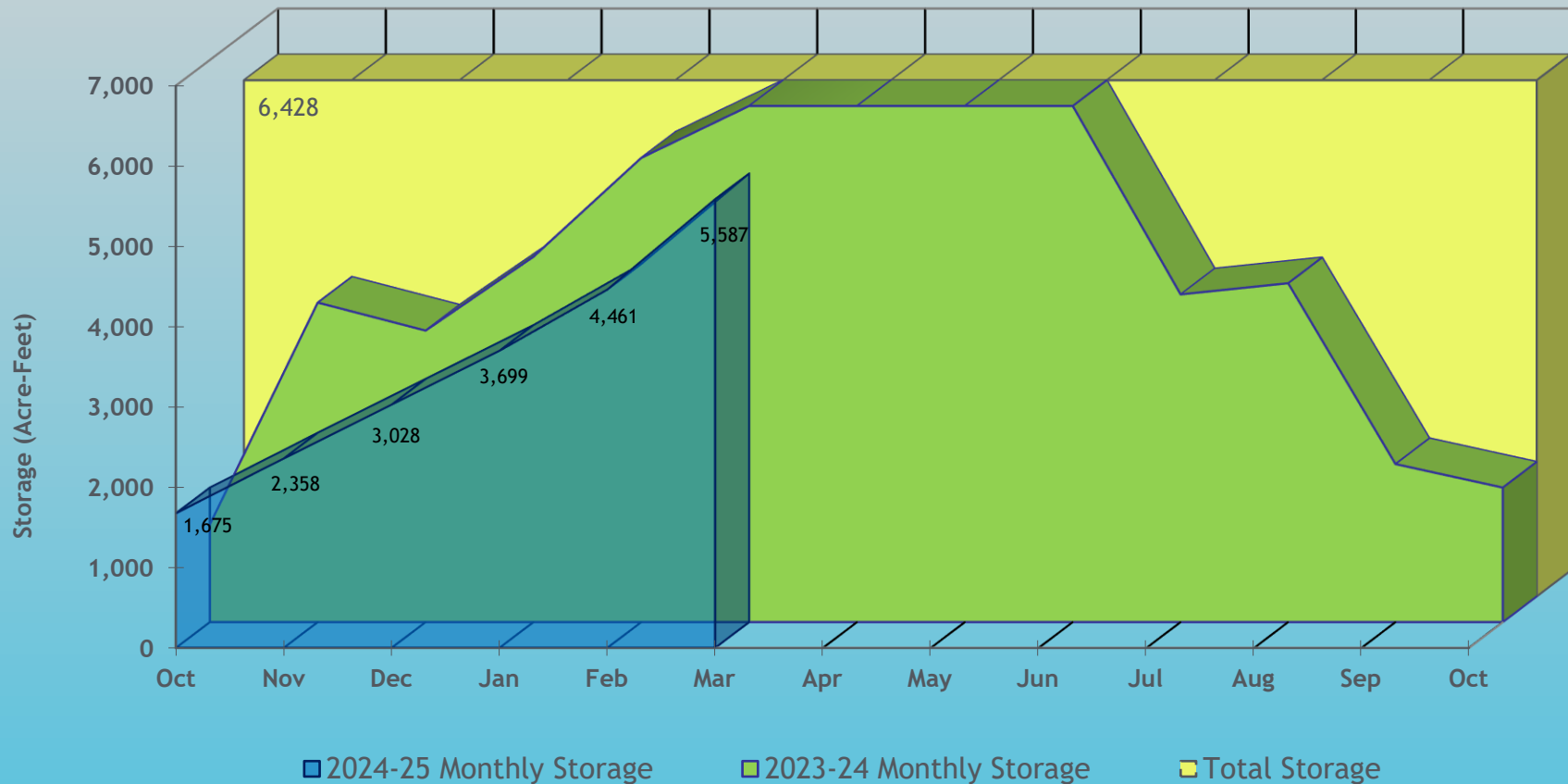
# Fossil Creek Reservoir

## (District 3, Poudre River - Agricultural)



# Halligan Reservoir

## (District 3, Poudre River - Agricultural)



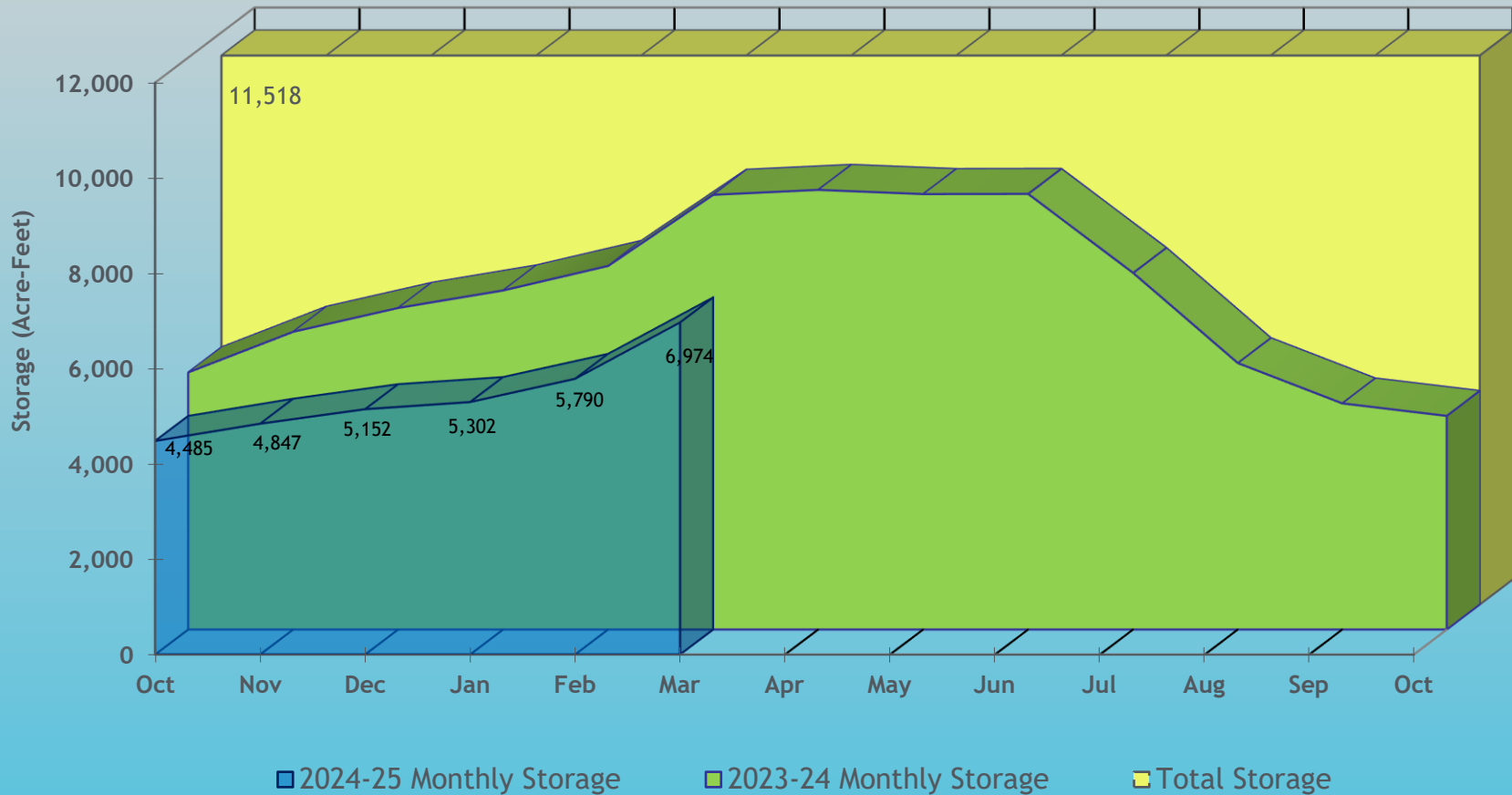
2024-25 Monthly Storage

2023-24 Monthly Storage

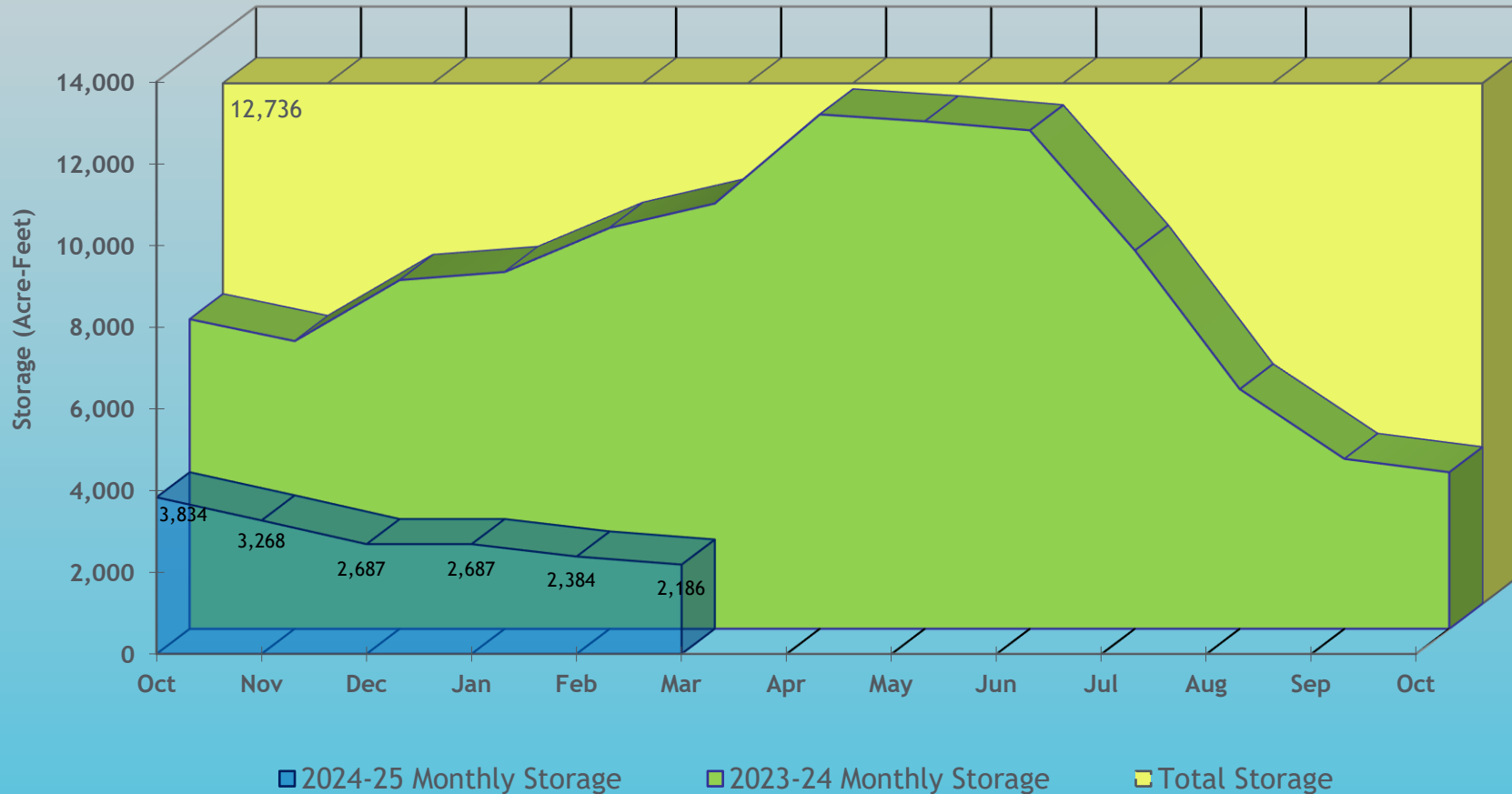
Total Storage



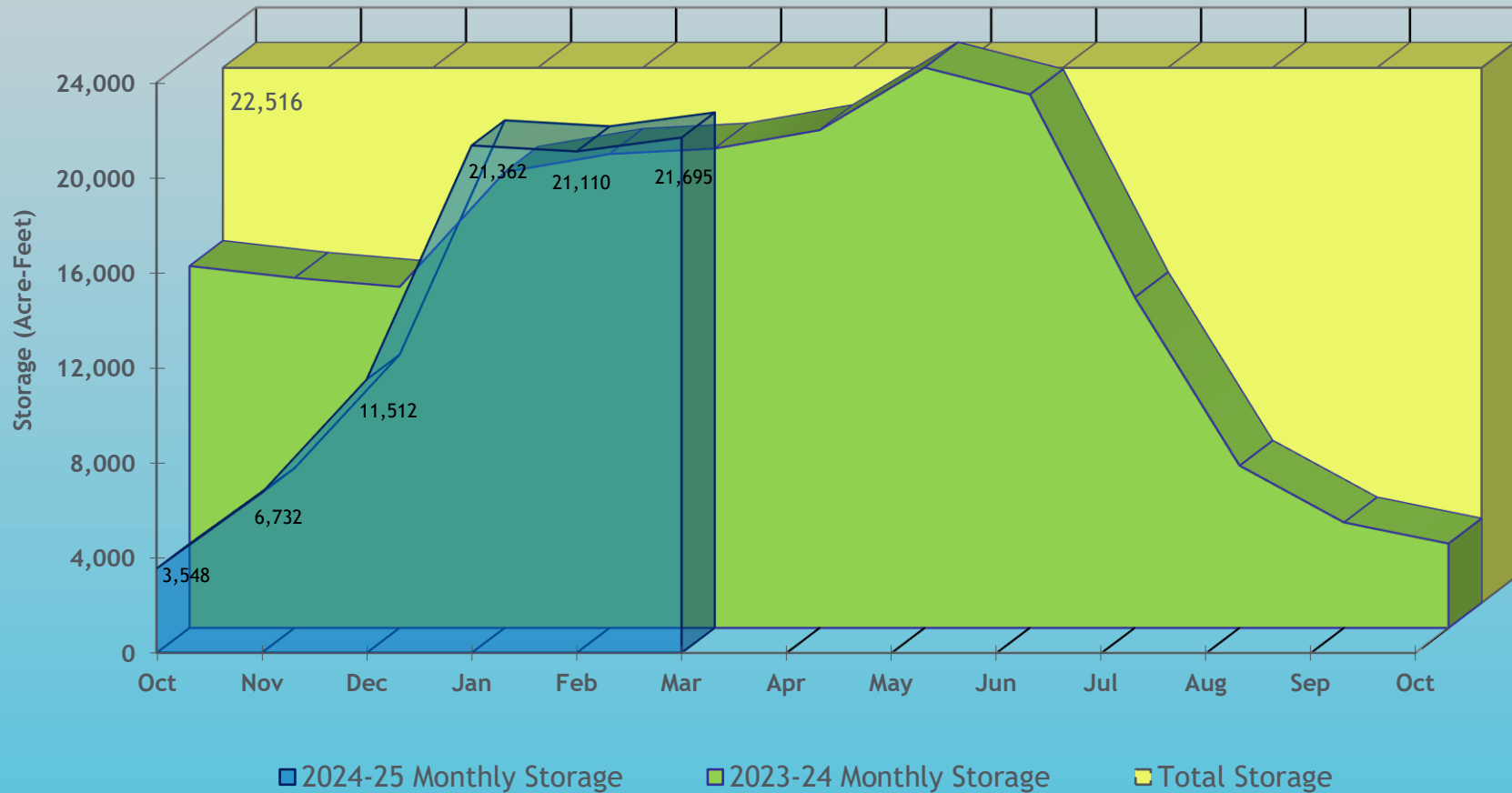
# Marshall Lake (District 6, Boulder Creek - Agricultural)



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



# Milton Reservoir (District 2 - Agricultural)



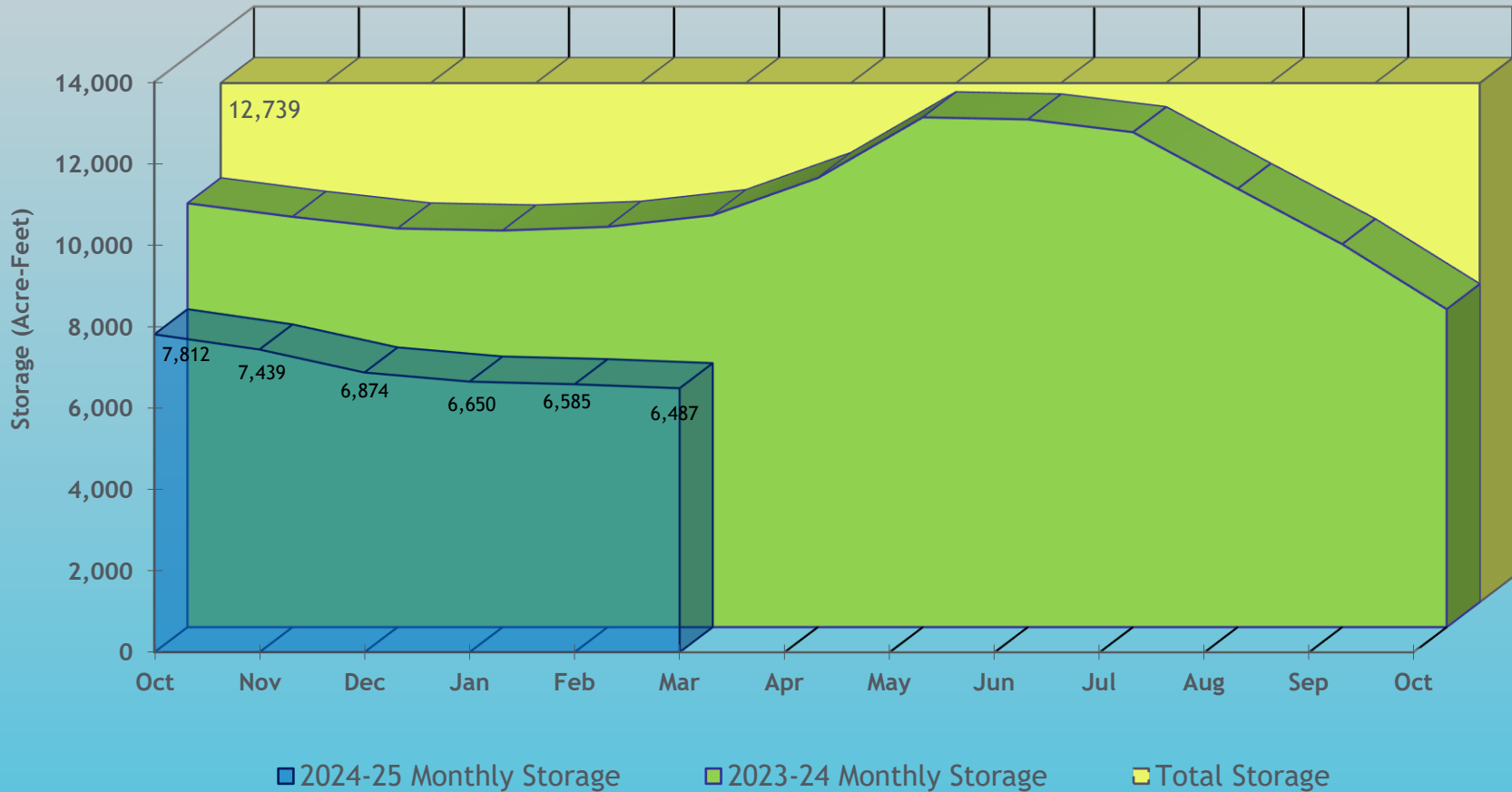
2024-25 Monthly Storage

2023-24 Monthly Storage

Total Storage

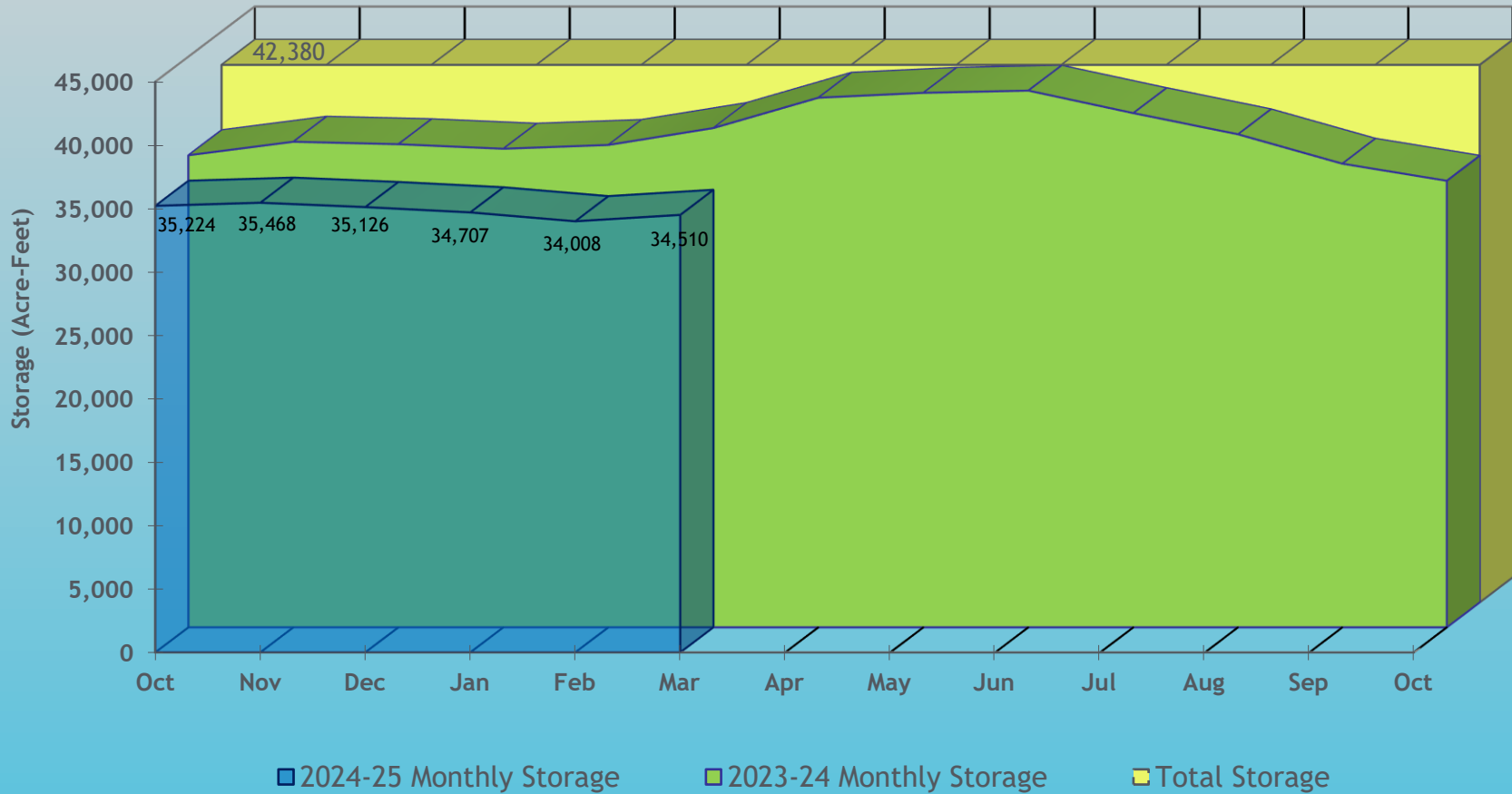
# Union Reservoir

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

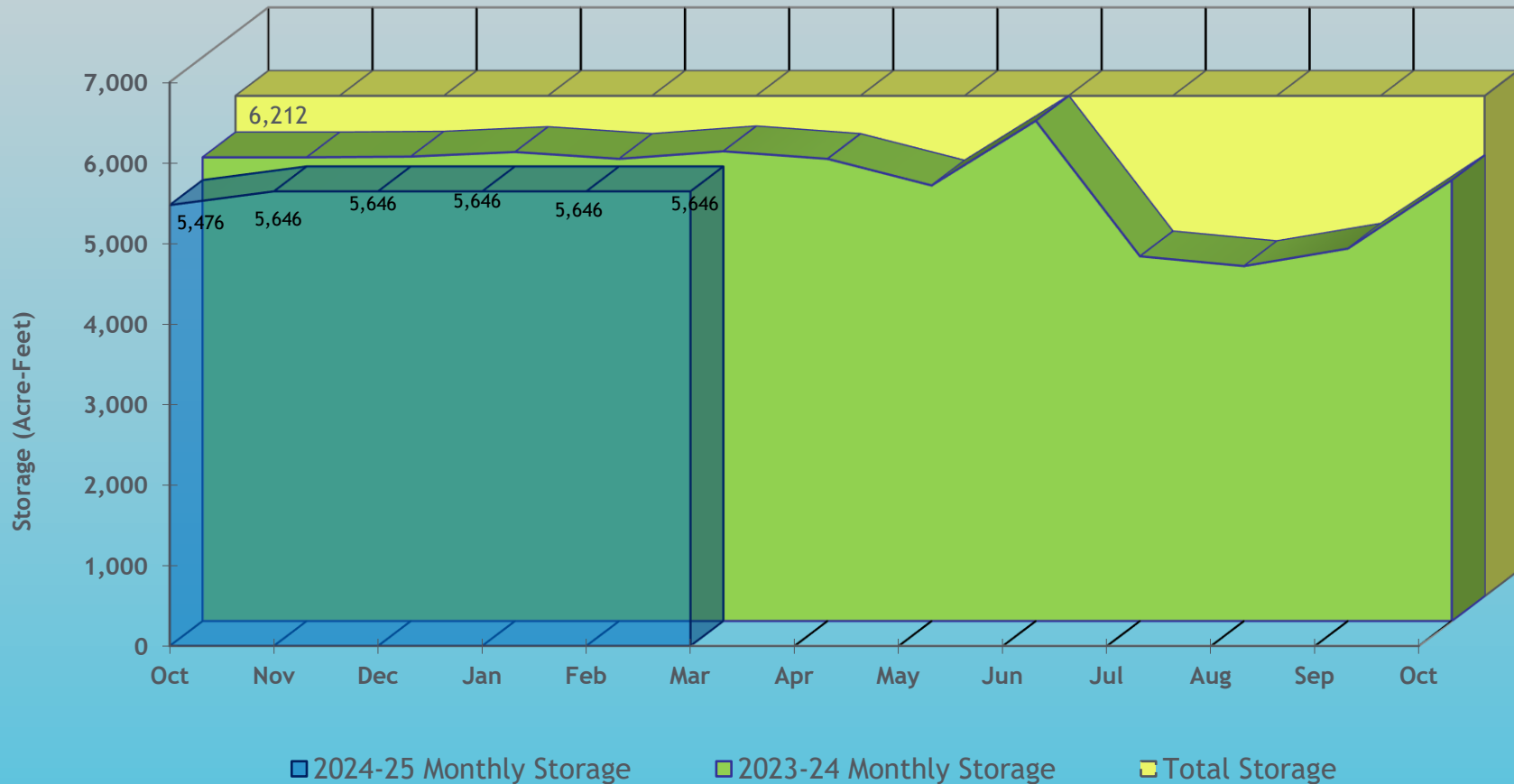




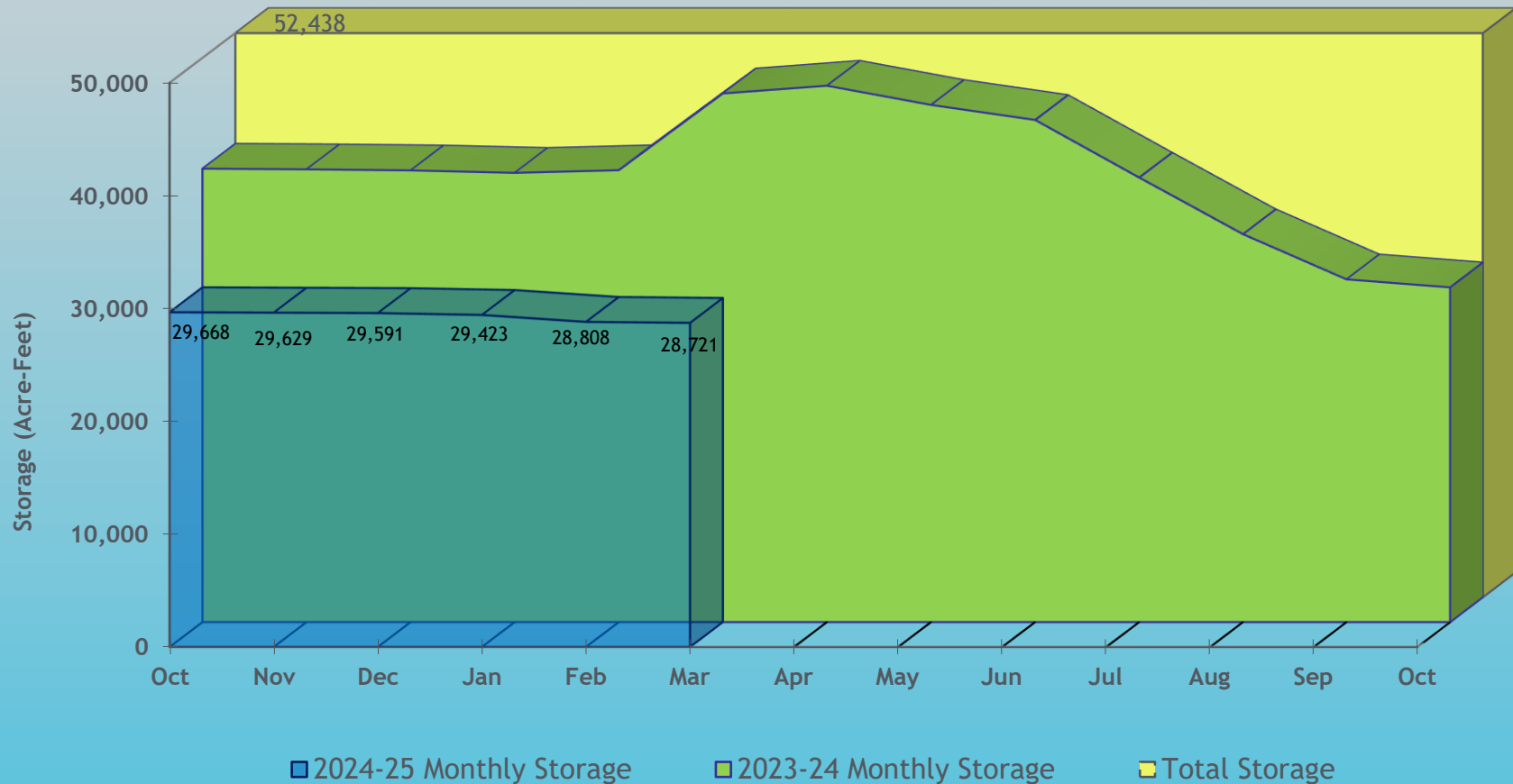
# Standley Lake (Agricultural)



# Lower Latham Reservoir (District 2 - Agricultural)

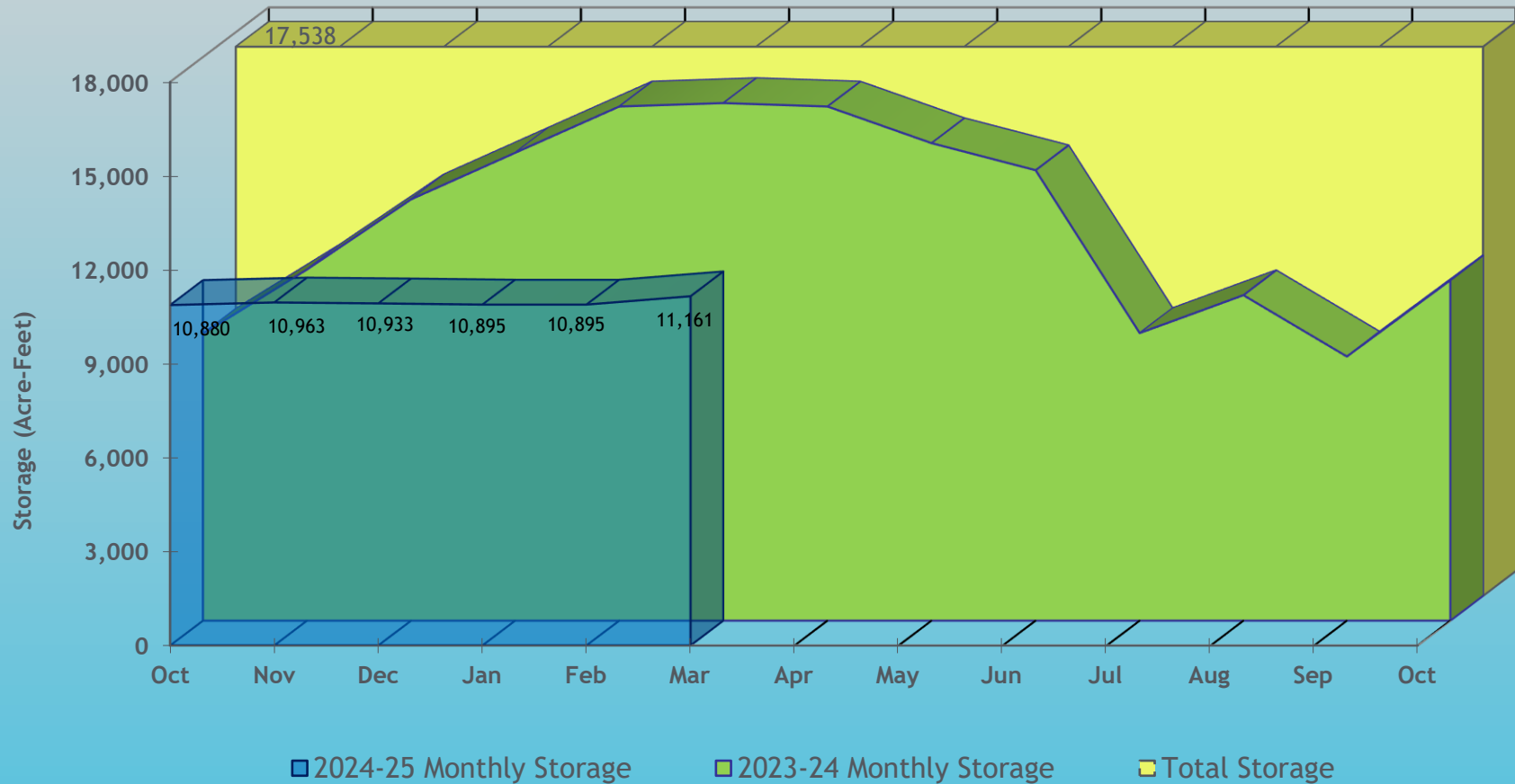


# Boyd Lake (District 4, Big Thompson River - Agricultural)

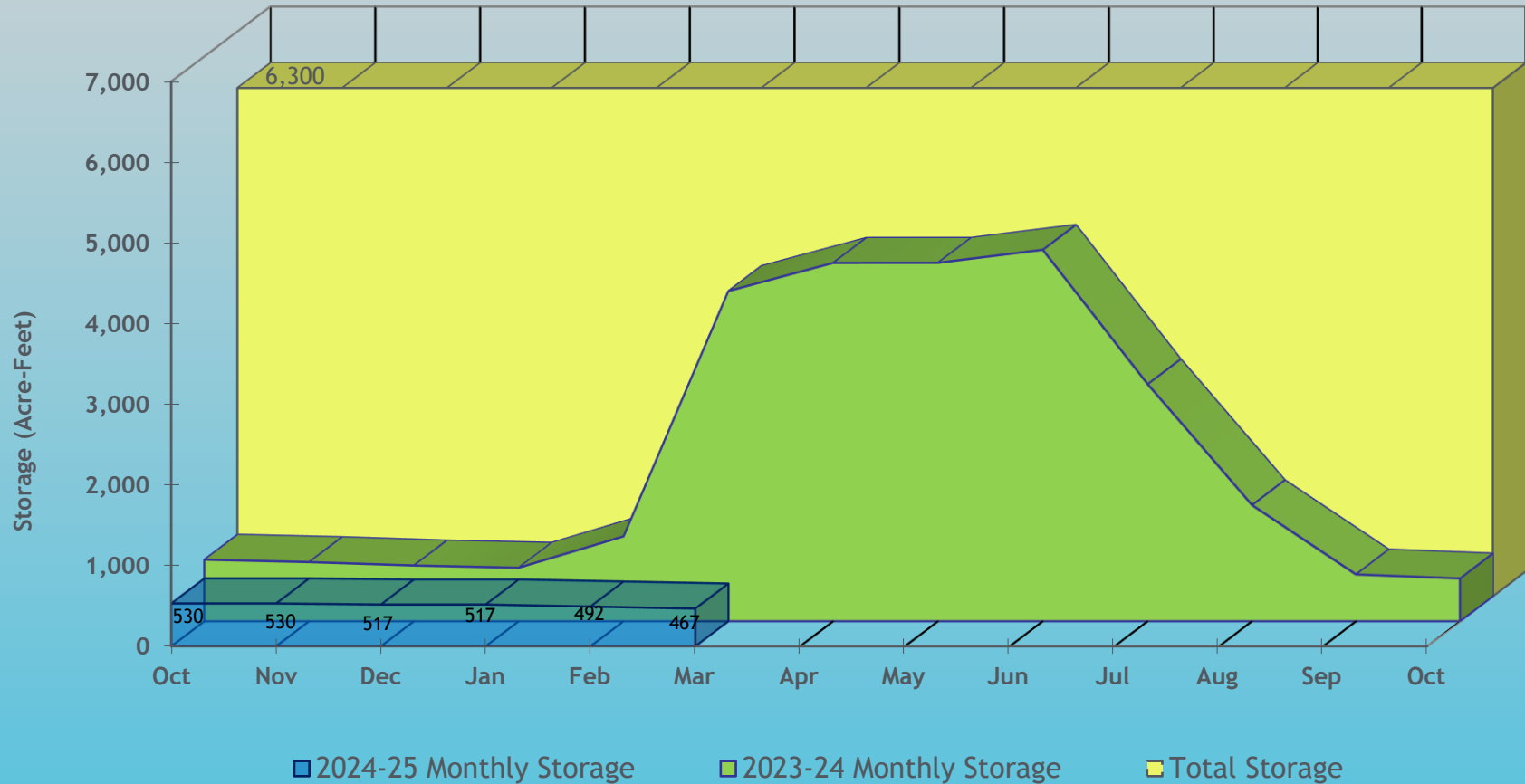


# Windsor Reservoir

## (District 3, Poudre River - Agricultural)

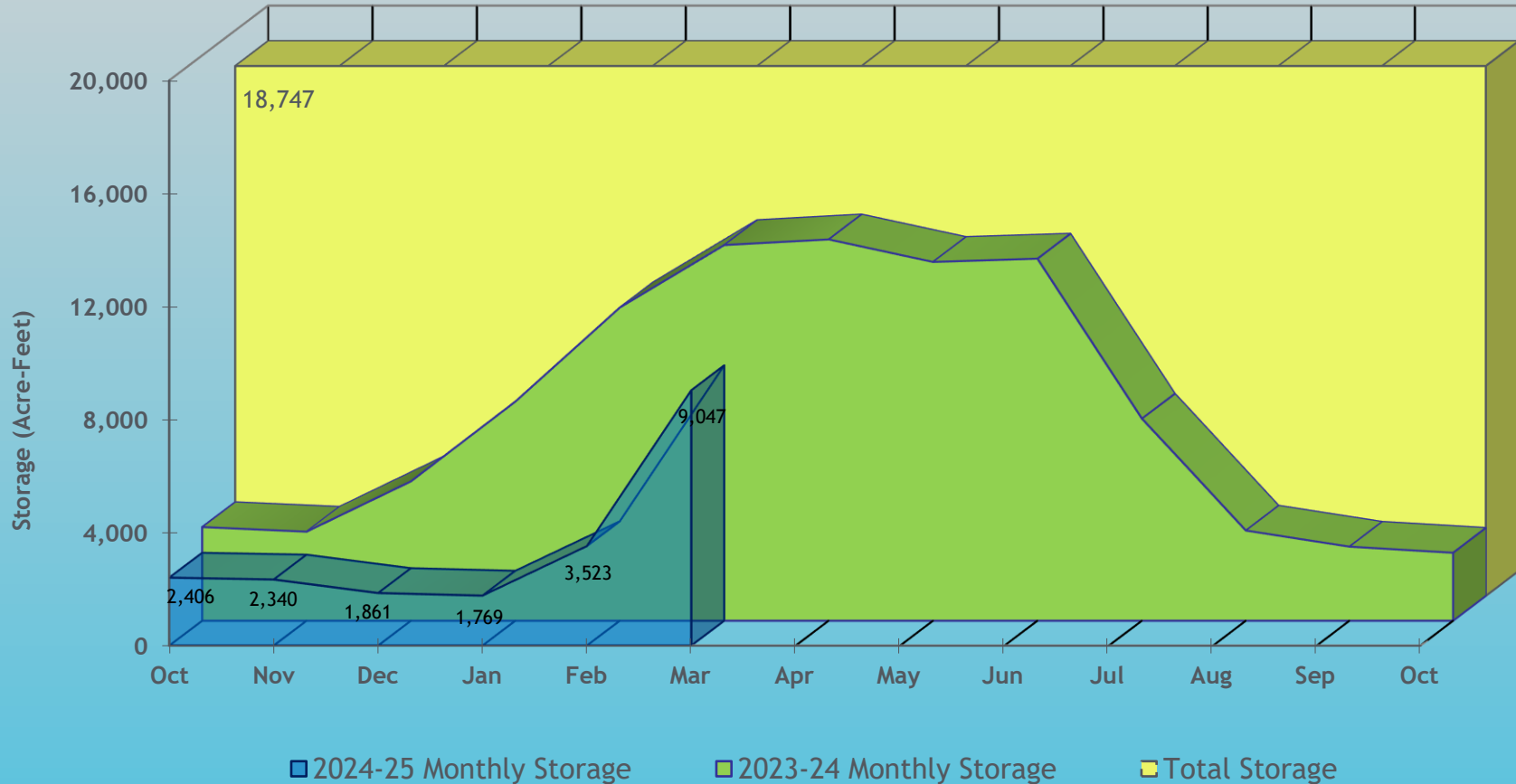


# Prospect Reservoir (District 1 - Agricultural)

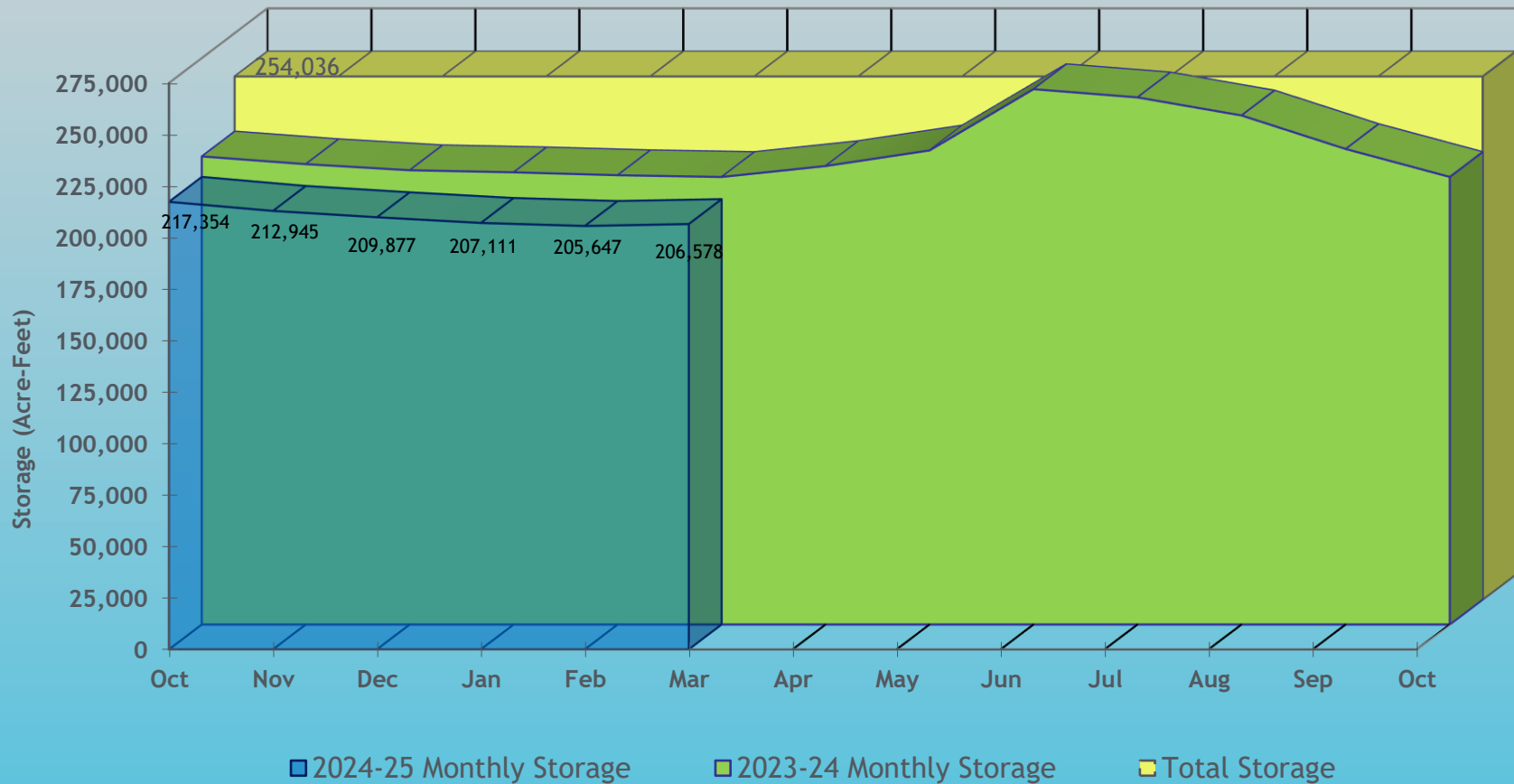




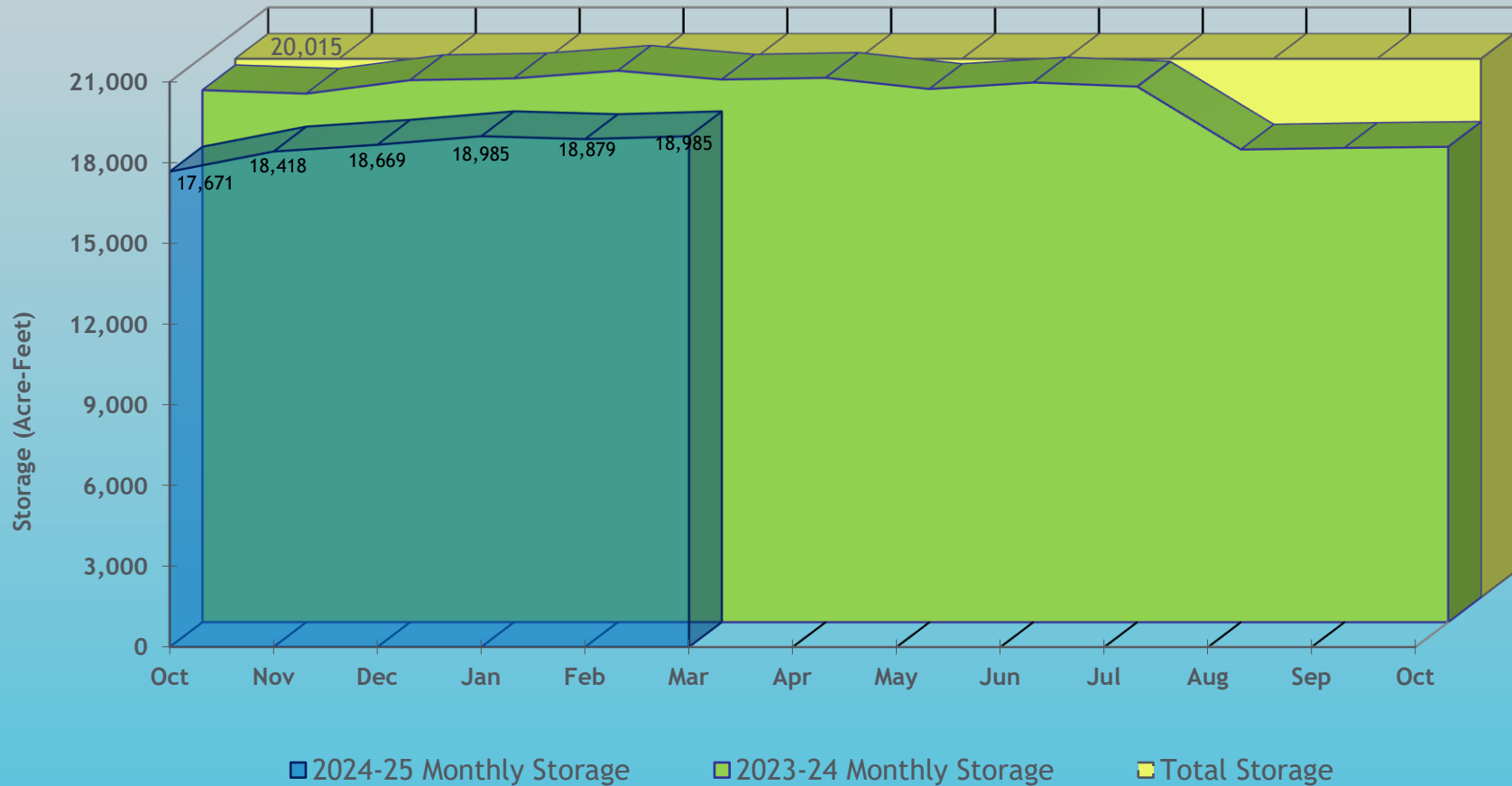
# Horse Creek Reservoir (District 1 - Agricultural)



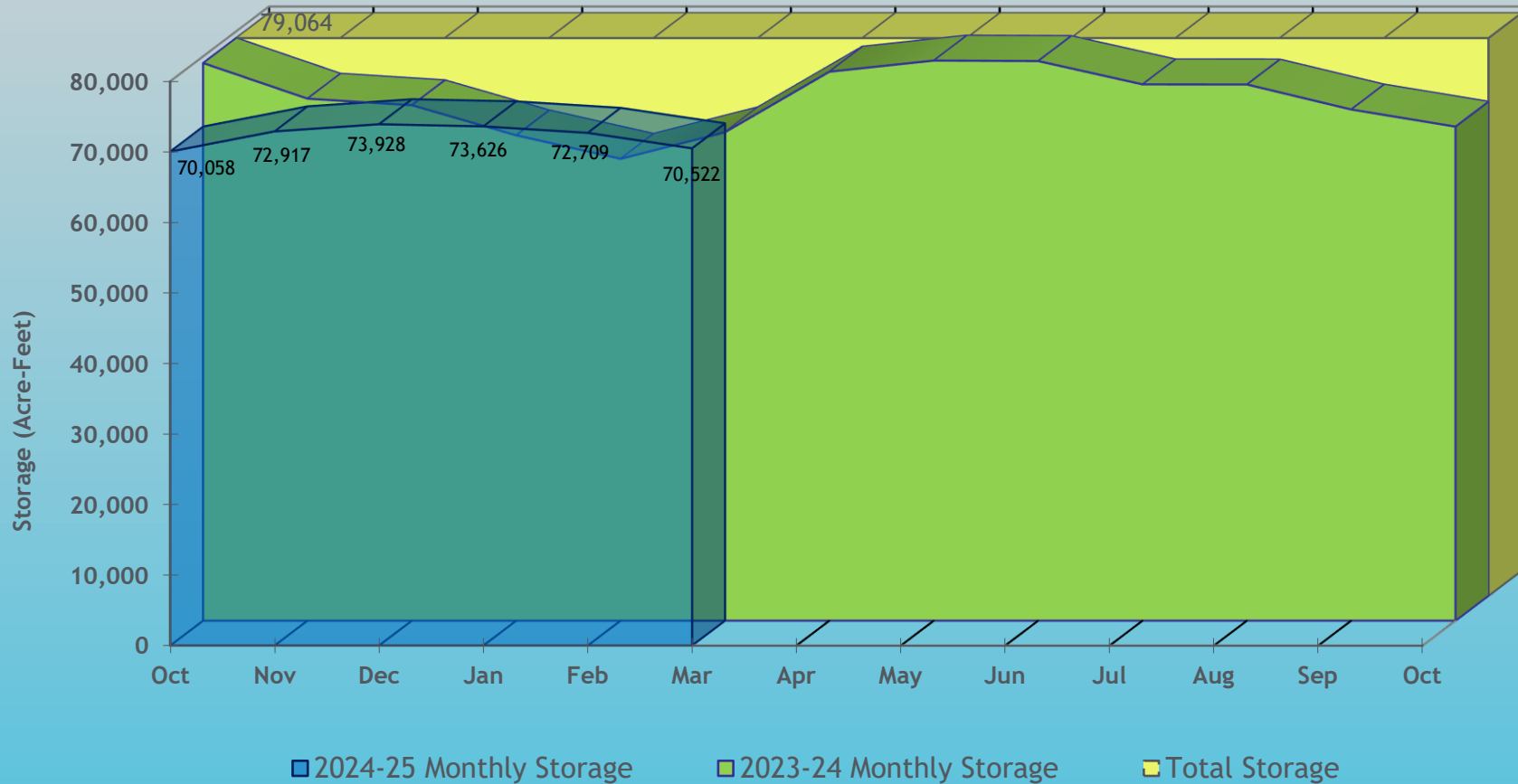
# Dillon Reservoir (District 1 - Municipal)



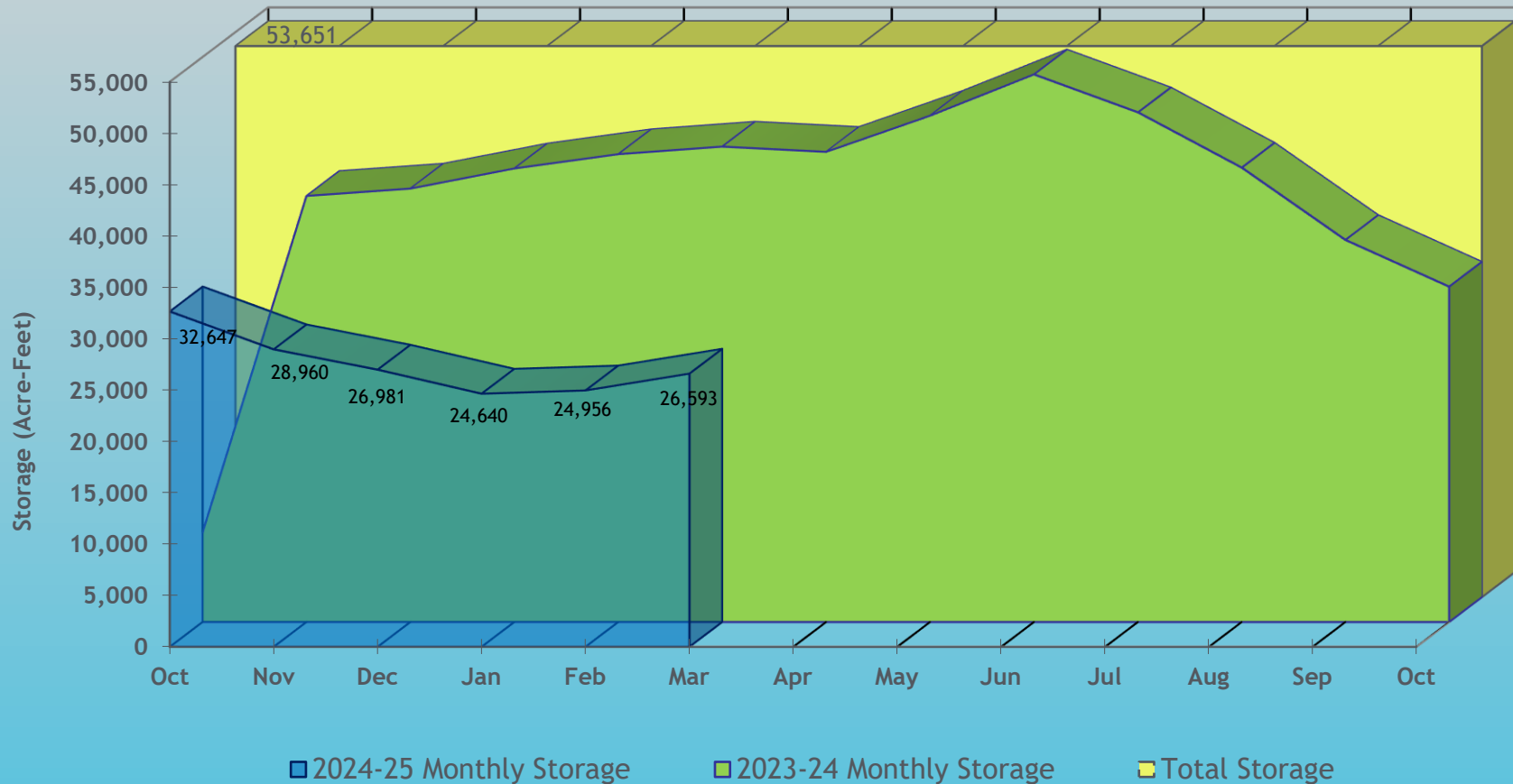
# Antero Reservoir (District 23 - Municipal)



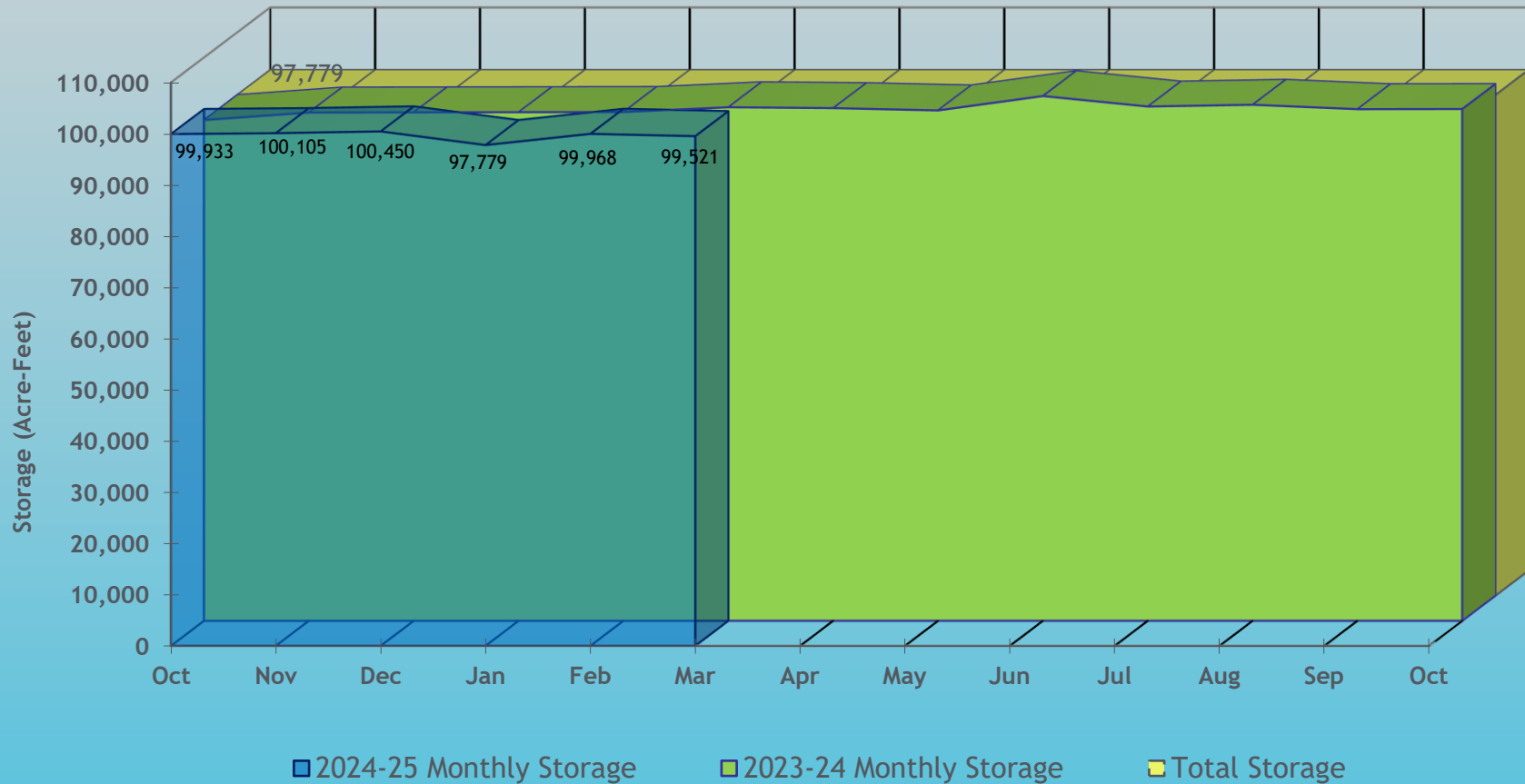
# Cheesman Reservoir (District 80 - Municipal)



# Spinney Mountain Reservoir (District 23 - Municipal)



# Eleven Mile Reservoir (District 23 - Municipal)





# Lake Granby

