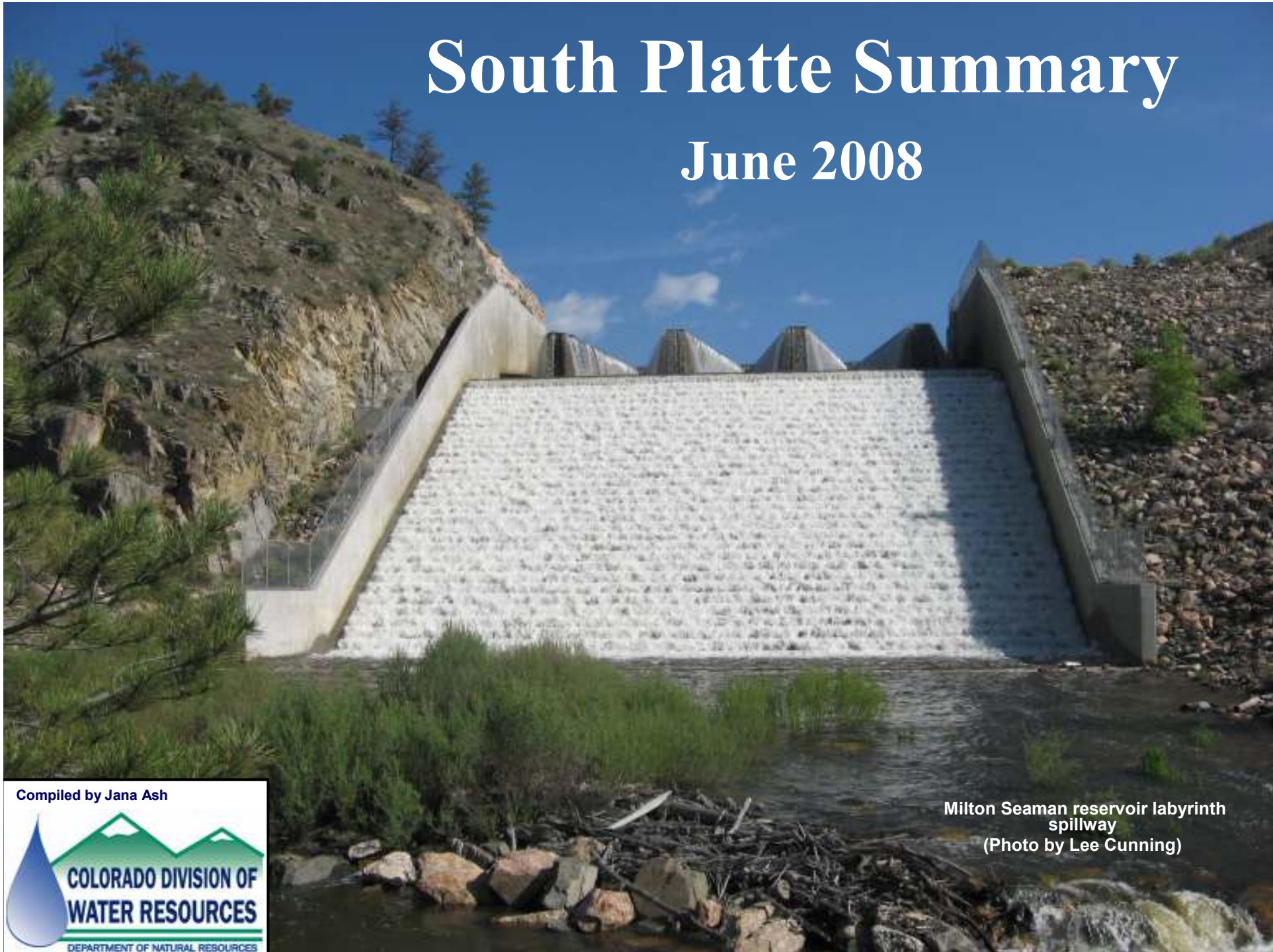


South Platte Summary

June 2008



Compiled by Jana Ash



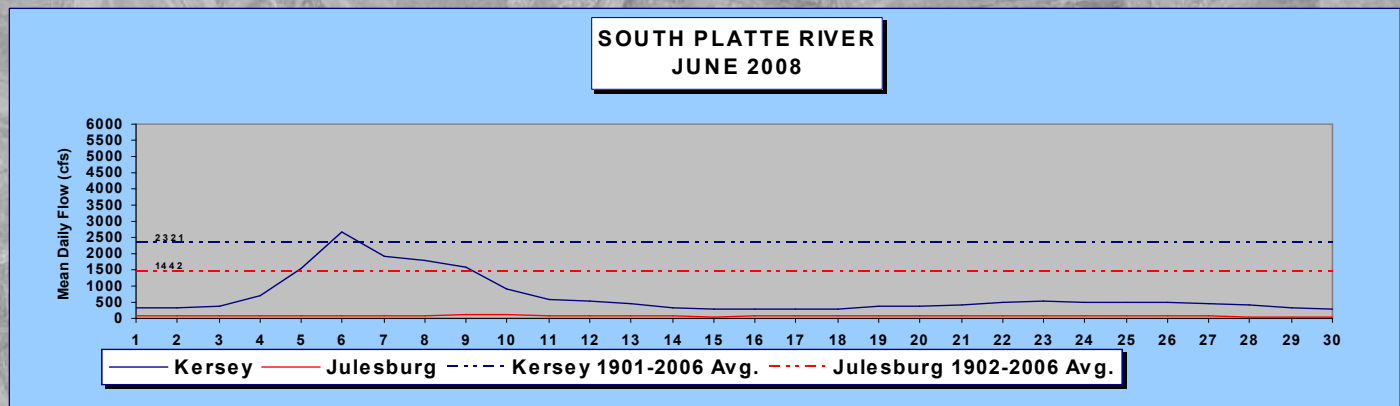
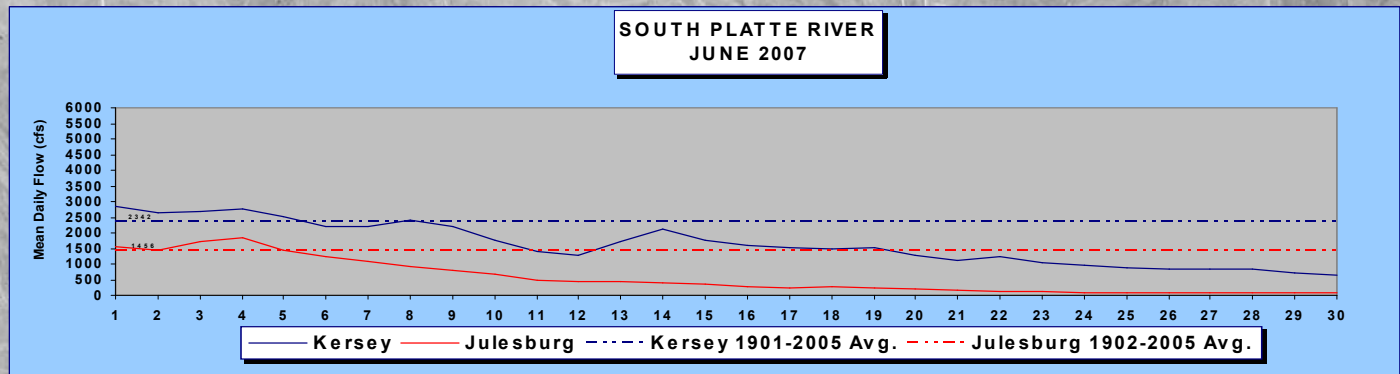
Milton Seaman reservoir labyrinth
spillway
(Photo by Lee Cunning)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

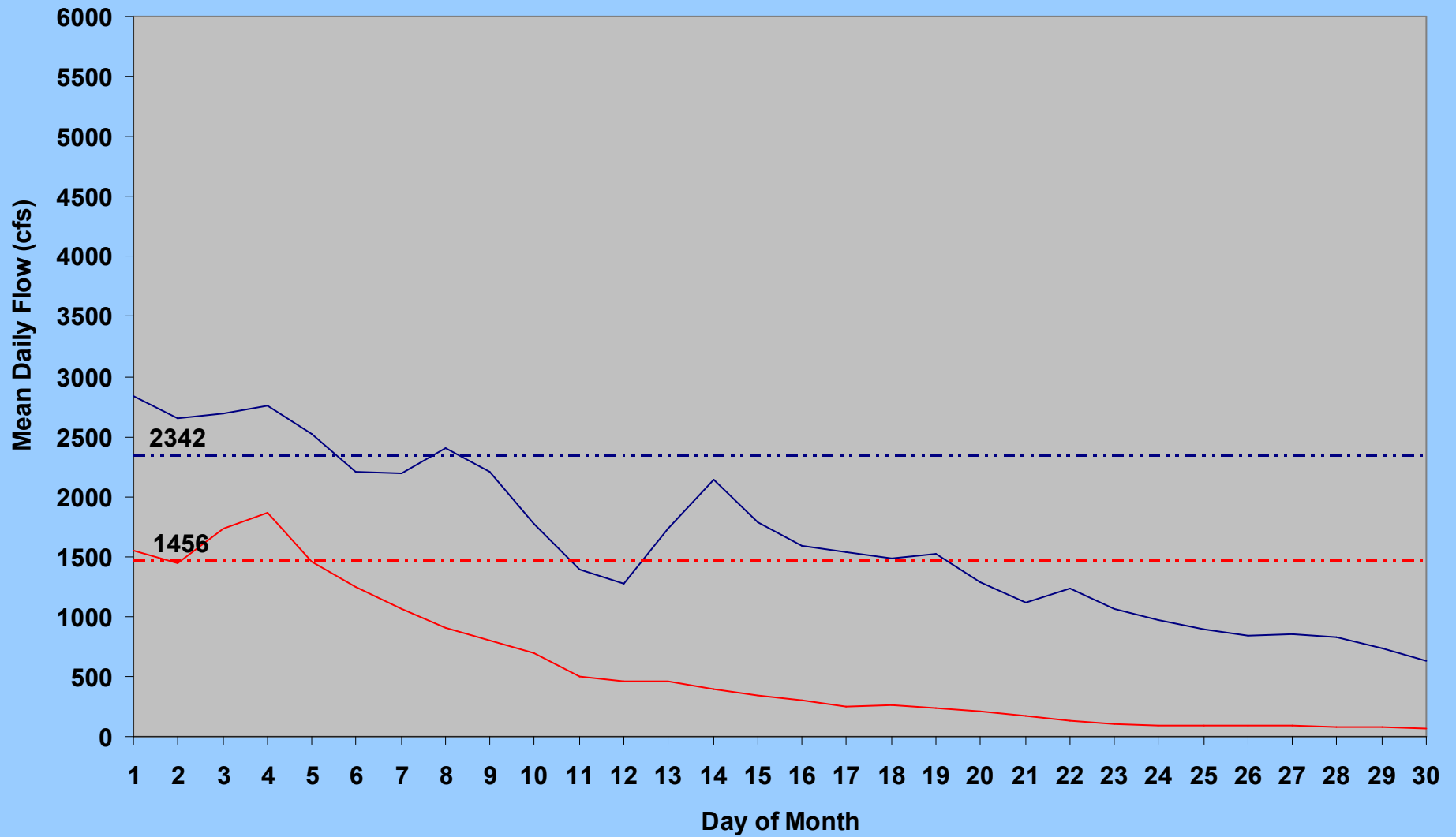
MONTH OF JUNE 2008

| 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 | 20,788 | 19,240 | 64 | -1,548 | -7% | 85% | 93% | 0 |
| N STERLING | 73,730 | 59,720 | 52,370 | 64 | -7,350 | -12% | 71% | 91% | 0 |
| PREWITT | 28,500 | 23,460 | 22,096 | 64 | -1,364 | -6% | 78% | 94% | 0 |
| JACKSON | 27,257 | 25,213 | 23,926 | 1 | -1,287 | -5% | 88% | 99% | 0 |
| EMPIRE | 37,700 | 26,845 | 20,360 | 1 | -6,485 | -24% | 54% | 92% | 0 |
| RIVERSIDE | 63,113 | 46,738 | 38,730 | 1 | -8,008 | -17% | 61% | 92% | 0 |
| BARR LAKE | 31,652 | 27,472 | 23,843 | 2 | -3,629 | -13% | 75% | 93% | 0 |
| CHEESMAN | 79,064 | 69,153 | 79,519 | 80 | 10,366 | 15% | 100% | 100% | 455 |
| ELEVEN MILE | 97,779 | 99,383 | 101,628 | 23 | 2,245 | 2% | 100% | 100% | 3,849 |
| SPINNEY | 53,651 | 43,672 | 53,561 | 23 | 9,889 | 23% | 100% | 100% | 0 |
| ANTERO | 20,015 | 20,125 | 20,081 | 23 | -44 | 0% | 100% | 100% | 66 |

| RIVER GAGES | MEAN DAILY FLOW (CFS) |
|-----------------------------------|-----------------------|
| KERSEY | 682 |
| JULESBURG | 77 |
| THIS MONTH LAST YEAR | |
| KERSEY | 1638 |
| JULESBURG | 572 |
| MEAN FOR PERIOD OF RECORD* | |
| KERSEY | 2321 |
| JULESBURG | 1442 |
| * 1901-2006 | |
| 1902-2006 | |

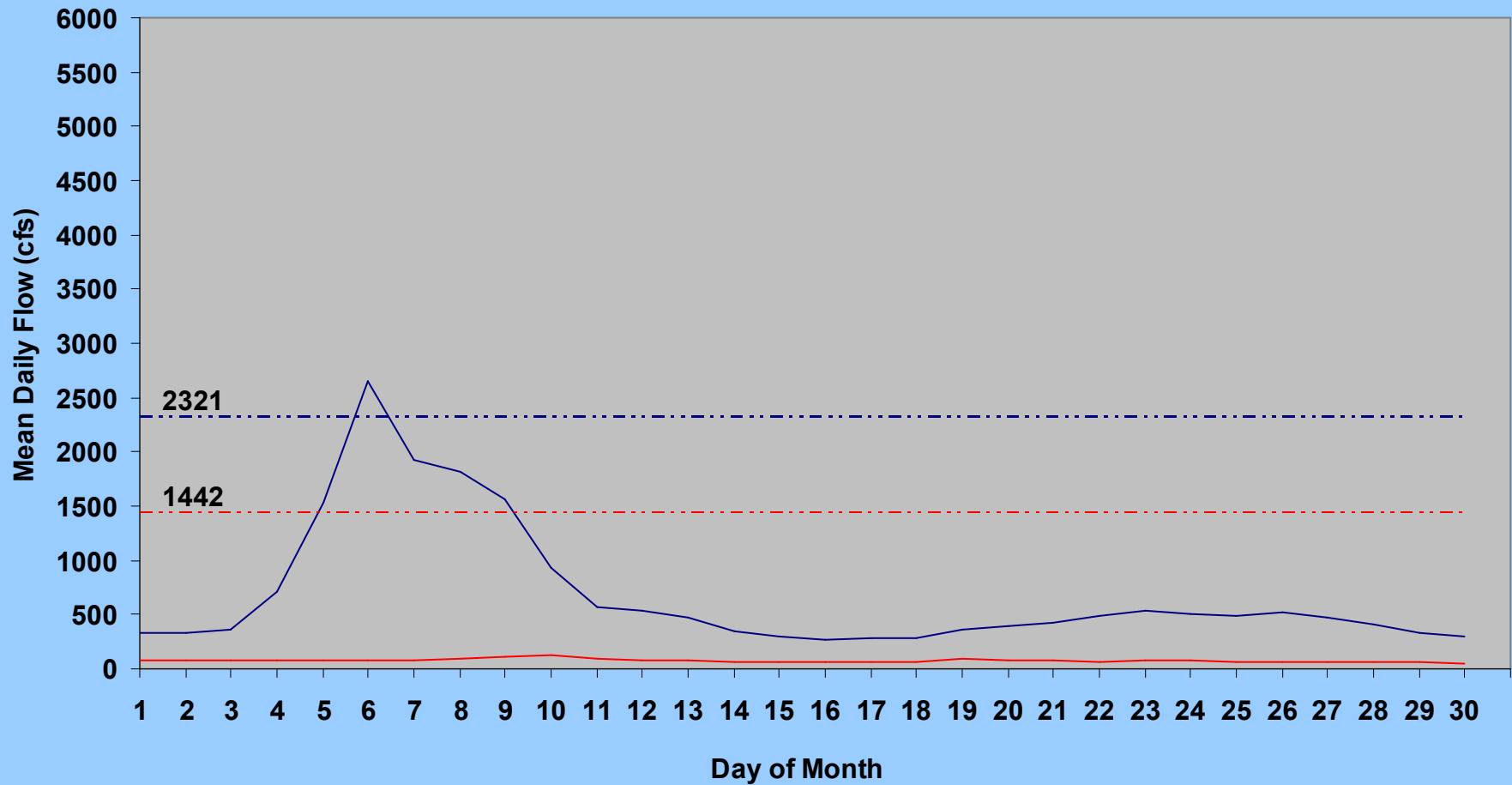


SOUTH PLATTE RIVER JUNE 2007



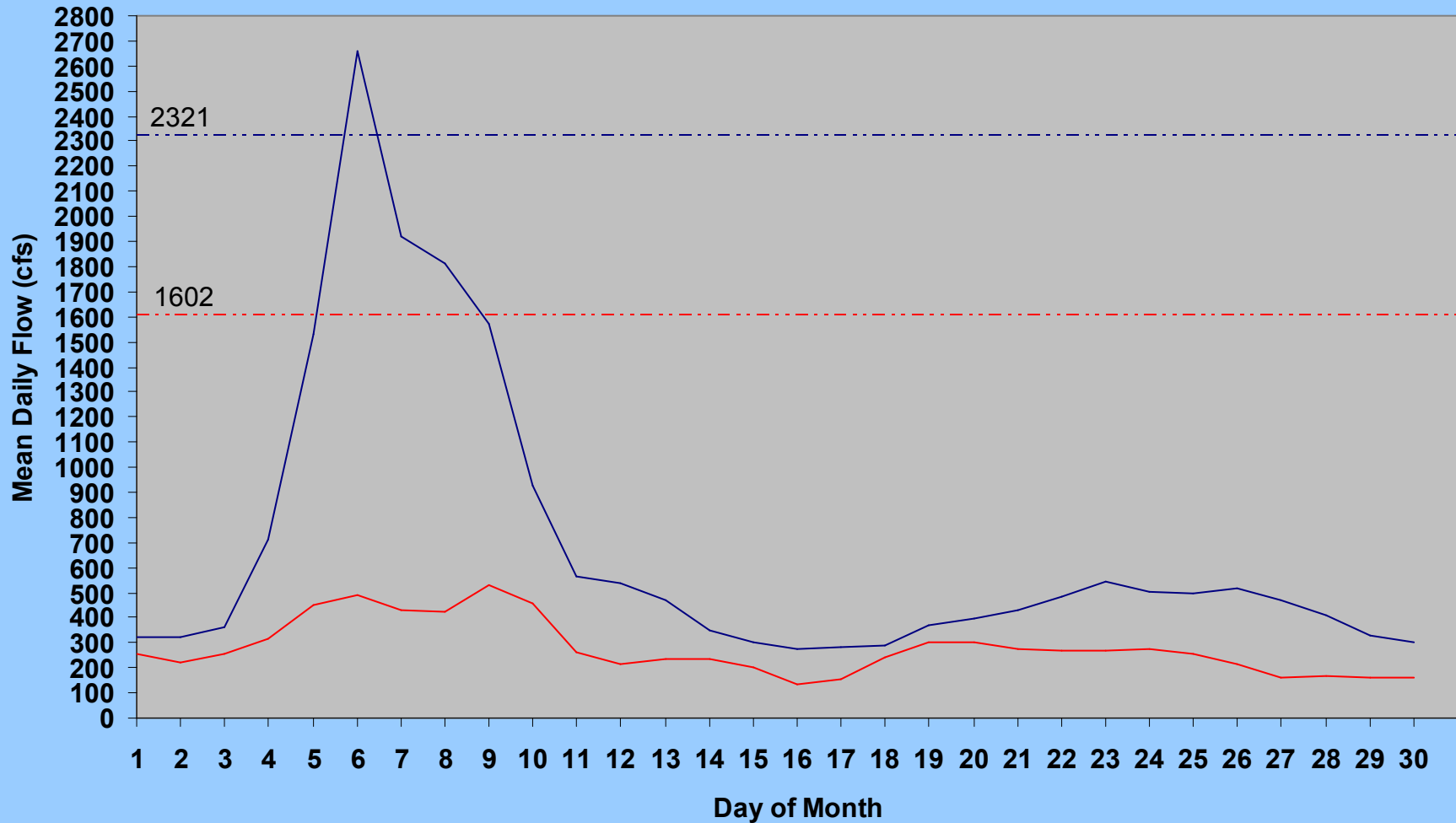
— Kersey — Julesburg - - - Kersey 1901-2005 Avg. - - - Julesburg 1902-2005 Avg.

SOUTH PLATTE RIVER JUNE 2008



— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

KERSEY and BALZAC JUNE 2008



— Kersey — Balzac - - - Kersey 1901-2005 Avg. - - - Balzac 1917-2005 Avg.

South Platte River Monthly Stream Flow (cfs) Statistics

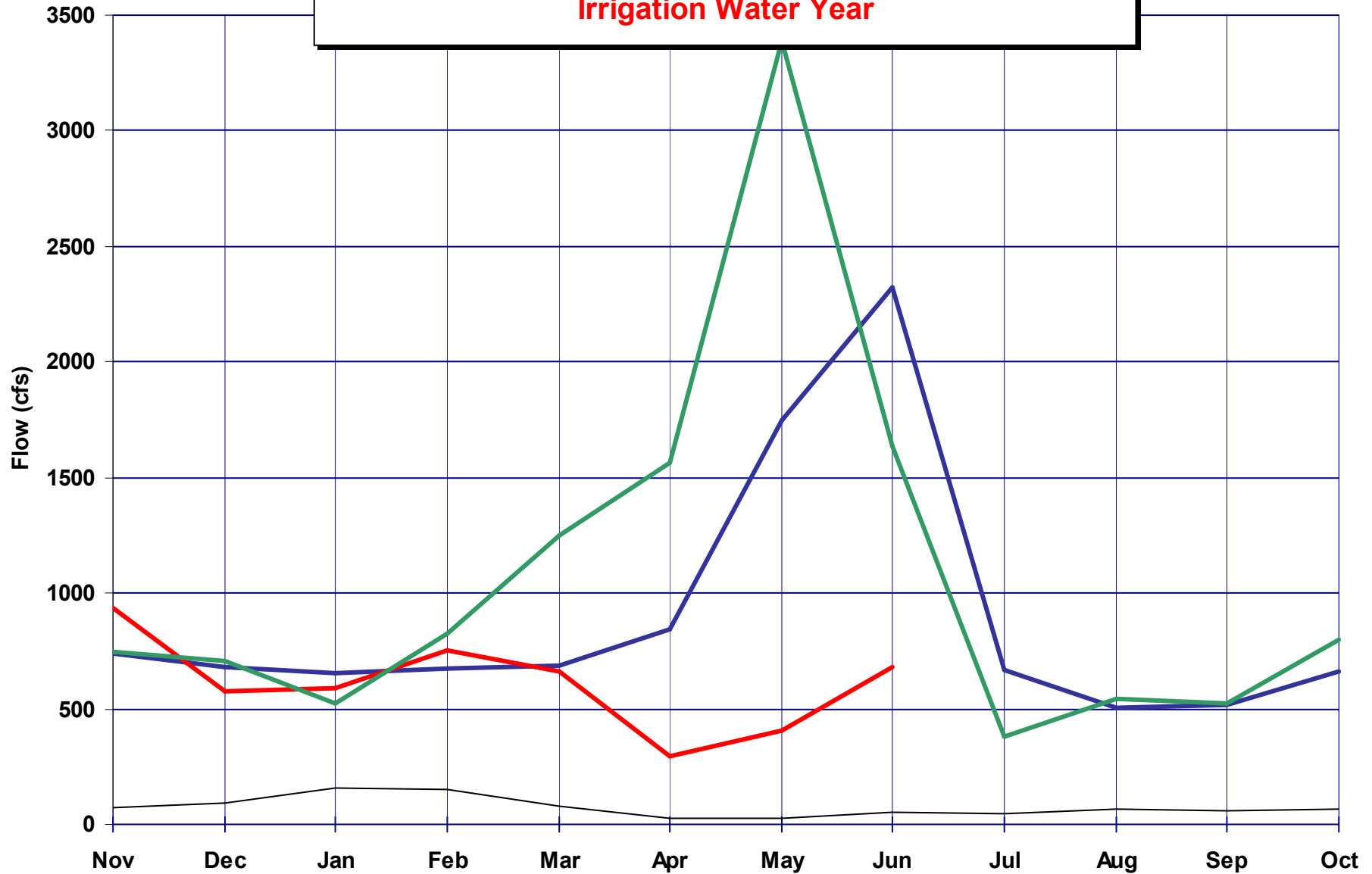
| South Platte River at Kersey | | | | | | | South Platte River at Julesburg | | | | | | |
|------------------------------|---------------------------|--------------------------|------|--------------------------|------|------------------------------------|---------------------------------|---------------------------|--------------------------|------|--------------------------|------|------------------------------------|
| Month | Historic* Mean Flow | Historic* Max Flow | Year | Historic* Min Flow | Year | IY 2008 Mean Monthly Flow | Month | Historic* Mean Flow | Historic* Max Flow | Year | Historic* Min Flow | Year | IY 2008 Mean Monthly Flow |
| Nov | 737 | 3650 | 1984 | 70 | 1934 | 938 | Nov | 344 | 2900 | 1984 | 4.2 | 1903 | 71 |
| Dec | 683 | 1890 | 1961 | 91 | 1934 | 574 | Dec | 405 | 1820 | 1984 | 13 | 2002 | 155 |
| Jan | 654 | 2160 | 1974 | 158 | 1935 | 589 | Jan | 517 | 2510 | 1970 | 21 | 2003 | 323 |
| Feb | 672 | 3060 | 1914 | 152 | 1935 | 751 | Feb | 593 | 3220 | 1930 | 29 | 2005 | 320 |
| Mar | 684 | 3470 | 1983 | 80 | 1935 | 663 | Mar | 535 | 12900 | 1910 | 15 | 1904 | 100 |
| Apr | 843 | 18100 | 1942 | 28 | 1955 | 294 | Apr | 532 | 14400 | 1942 | 4.0 | 1904 | 152 |
| May | 1745 | 26100 | 1973 | 29 | 1955 | 408 | May | 1024 | 18100 | 1973 | 12 | 1911 | 110 |
| Jun | 2321 | 31000 | 1921 | 52 | 1954 | 682 | Jun | 1442 | 30800 | 1921 | 2.0 | 1910 | 77 |
| Jul | 666 | 12600 | 1983 | 44 | 1955 | | Jul | 295 | 12600 | 1983 | 0.0 | 1903 | |
| Aug | 505 | 9690 | 1951 | 65 | 1934 | | Aug | 182 | 8920 | 1968 | 0.0 | 1903 | |
| Sep | 514 | 14200 | 1938 | 62 | 1940 | | Sep | 241 | 7130 | 1938 | 2.0 | 1902 | |
| Oct | 664 | 6180 | 1984 | 66 | 1954 | | Oct | 307 | 3130 | 1984 | 4.2 | 1903 | |
| *Period of record 1901-2006 | | | | | | | *Period of record 1902-2006 | | | | | | |



Hydros hard at work on the South Platte River between Strontia and Waterton
(Photo by Jana Ash)

South Platte River at Kersey

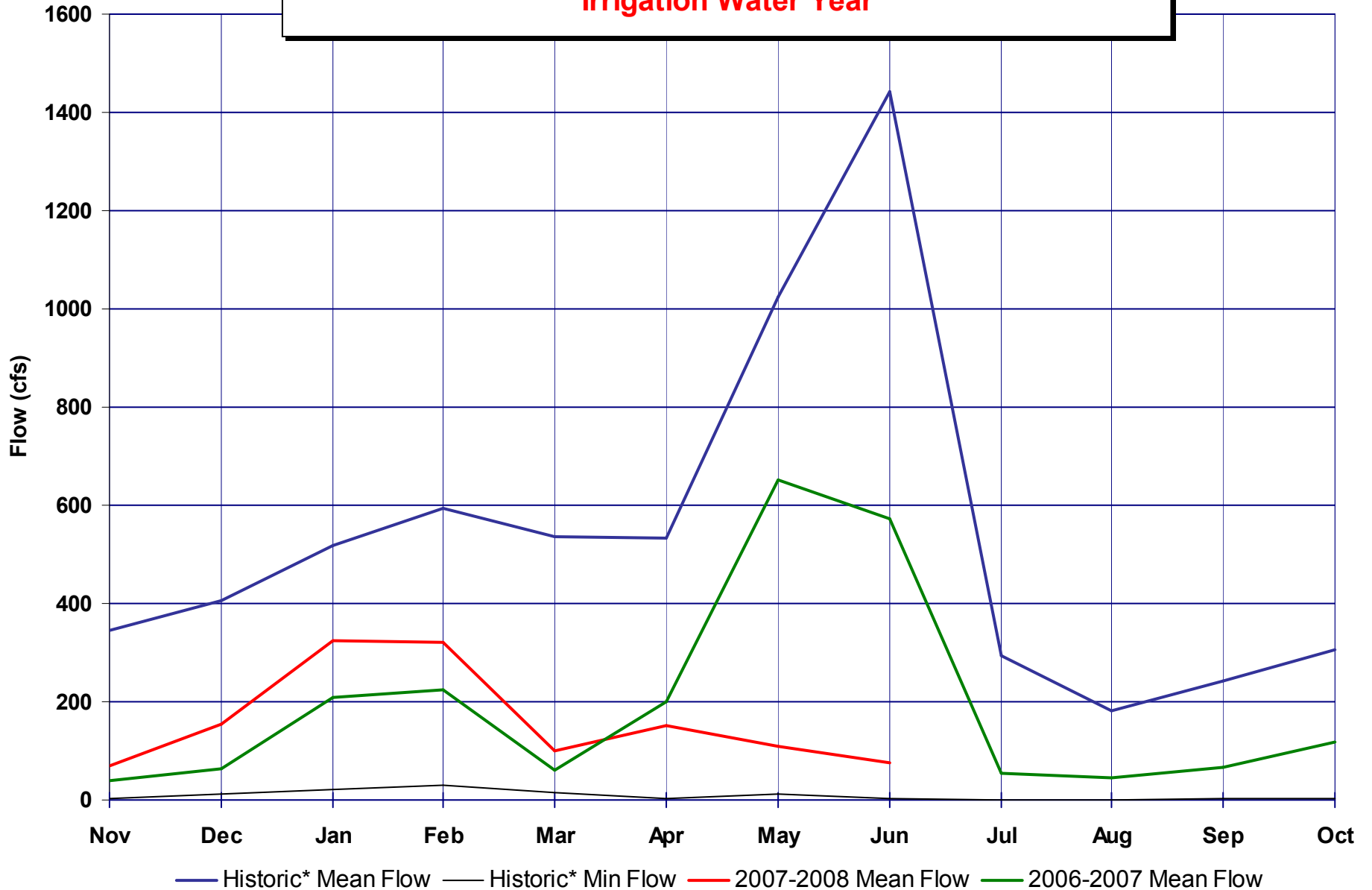
Irrigation Water Year



— Historic* Mean Flow — Historic* Min Flow — 2007-2008 Mean Flow — 2006-2007 Mean Flow
*1901-2006

South Platte River at Julesburg

Irrigation Water Year



*1902-2006

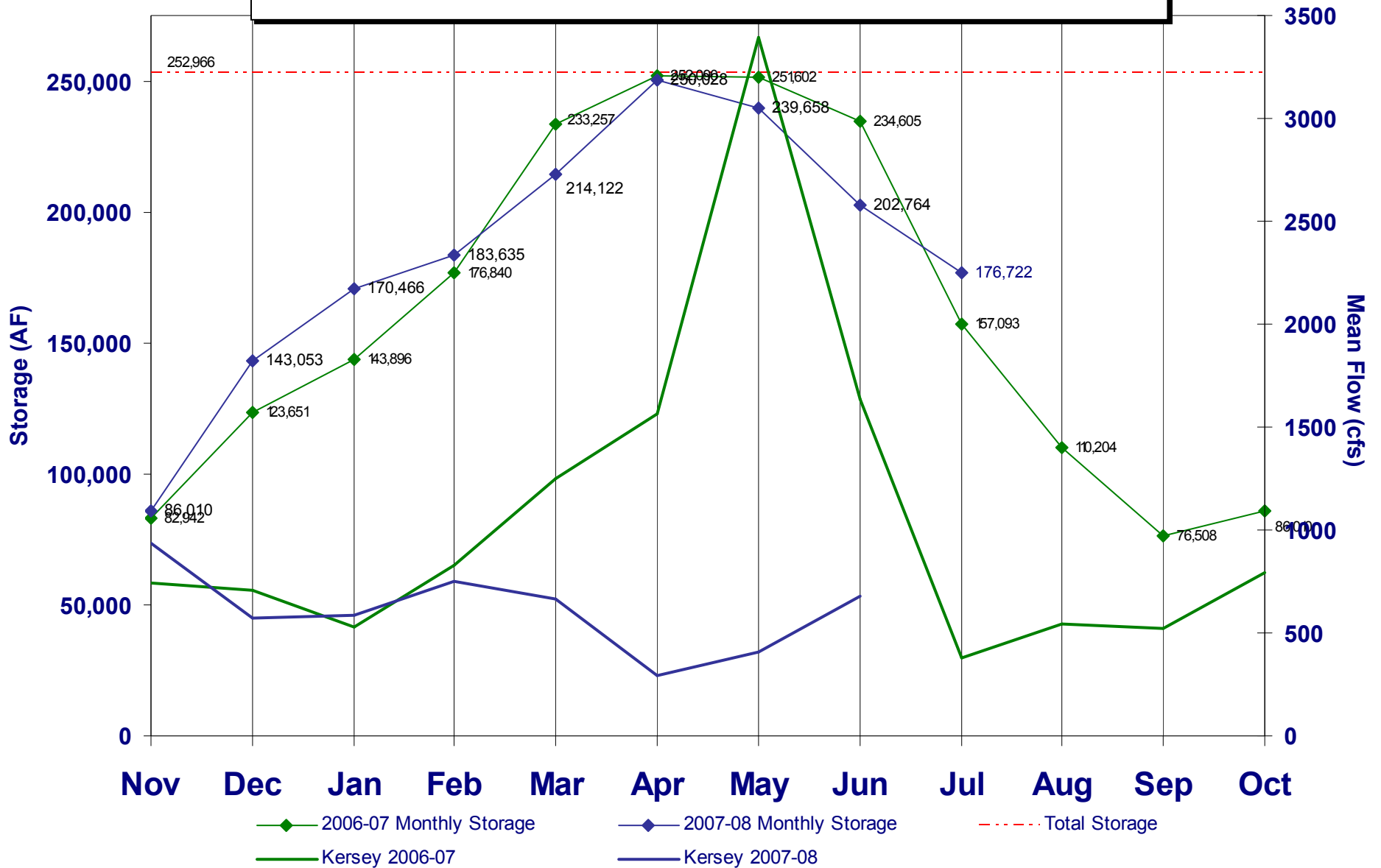
Next four slides show Reservoir Storage below and above Kersey



Platte Canyon Reservoir
(Photo by Mark Trivisonno)

Reservoir Storage below Kersey

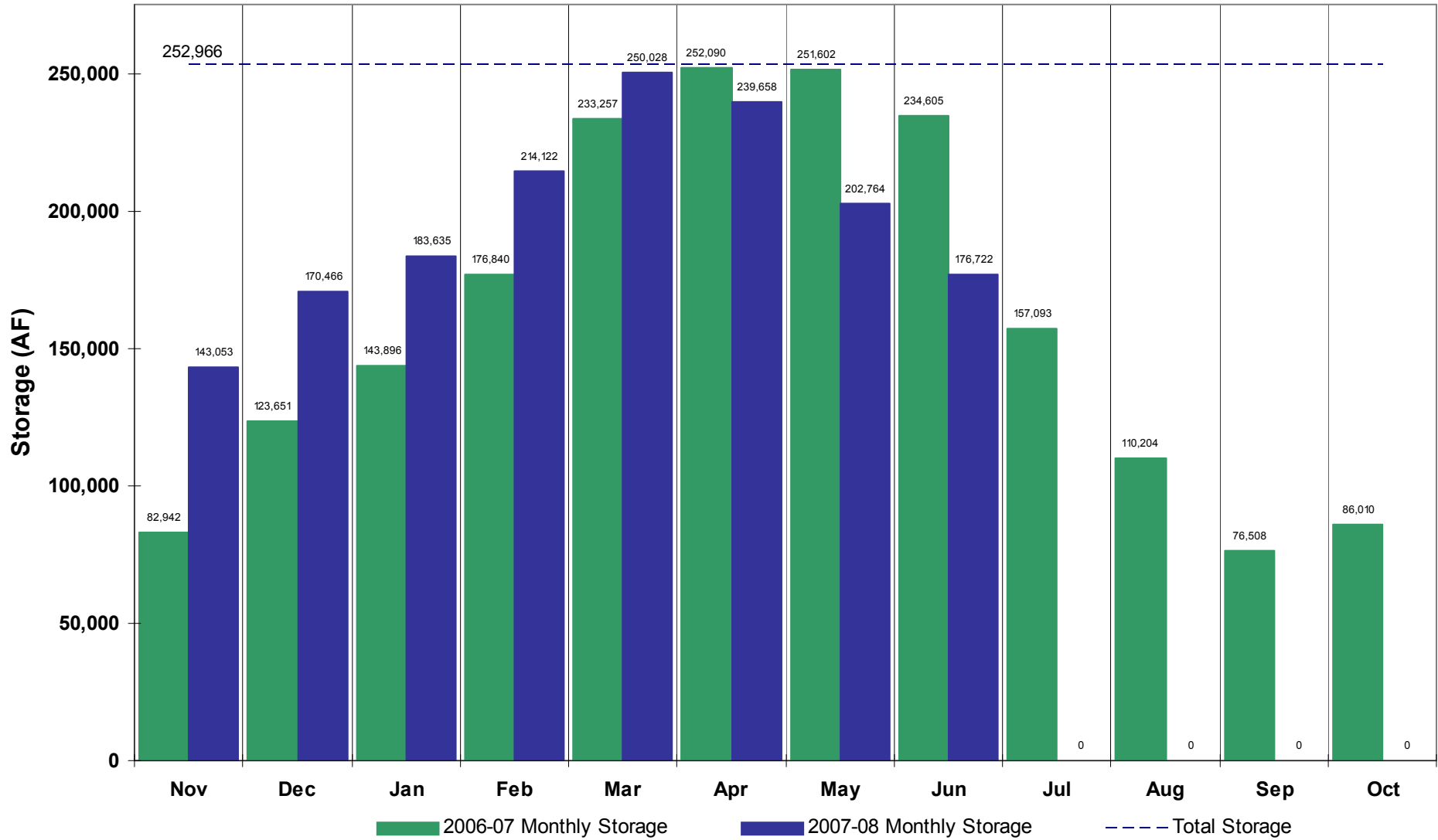
Selected Reservoirs*



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

South Platte Reservoirs

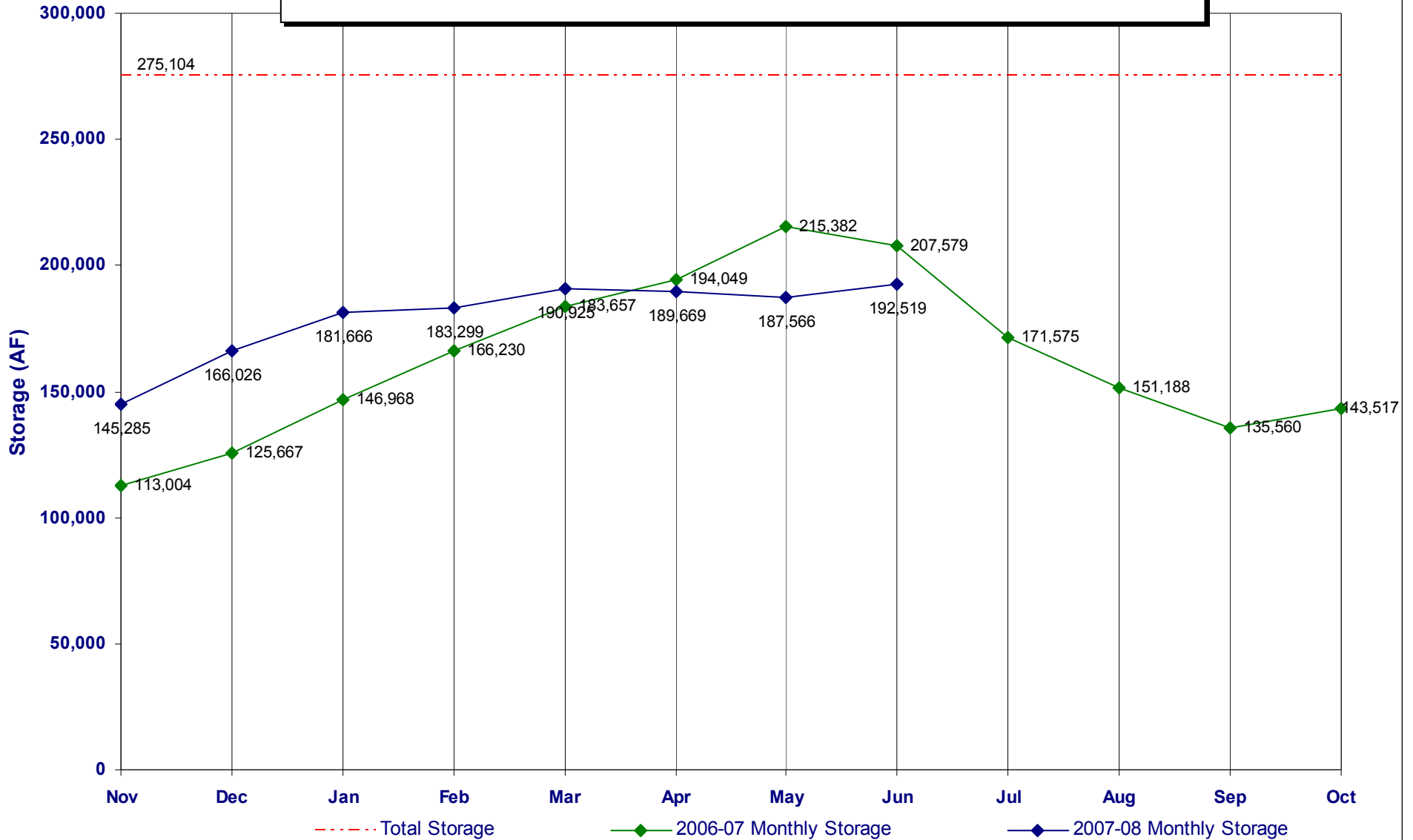
Storage below Kersey*



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

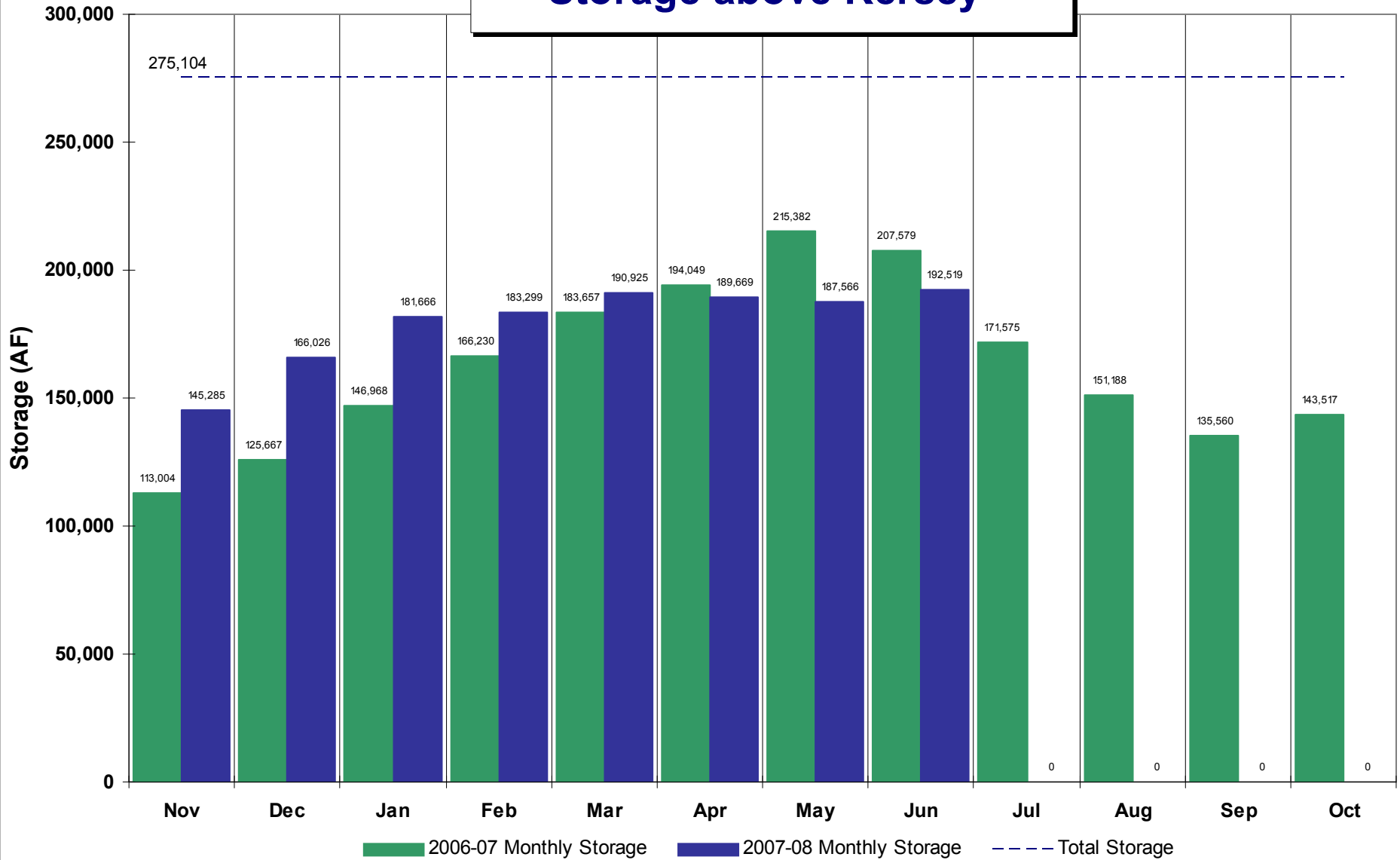
Reservoir Storage above Kersey

Selected Reservoirs*

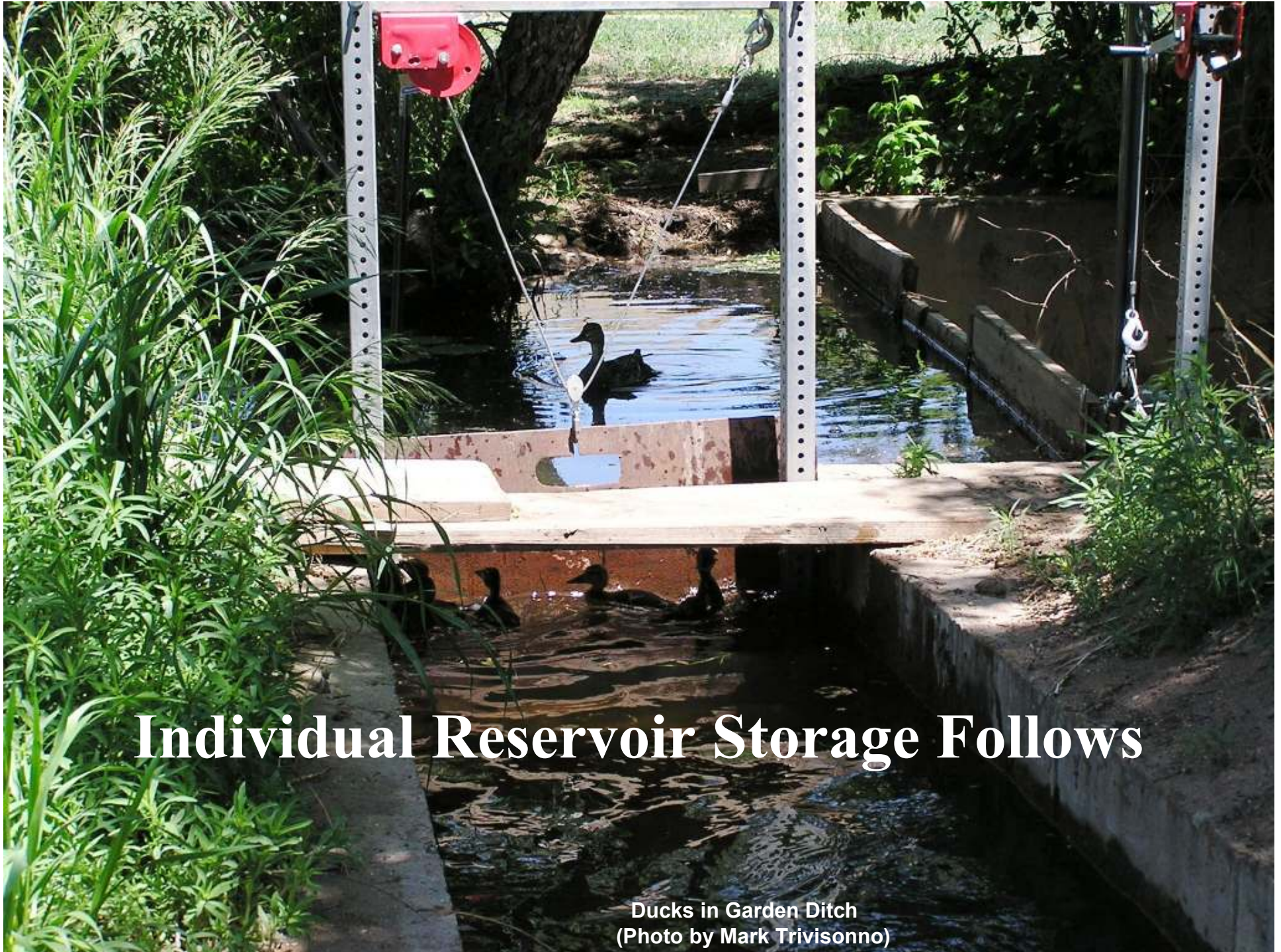


*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

South Platte Reservoirs Storage above Kersey*



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

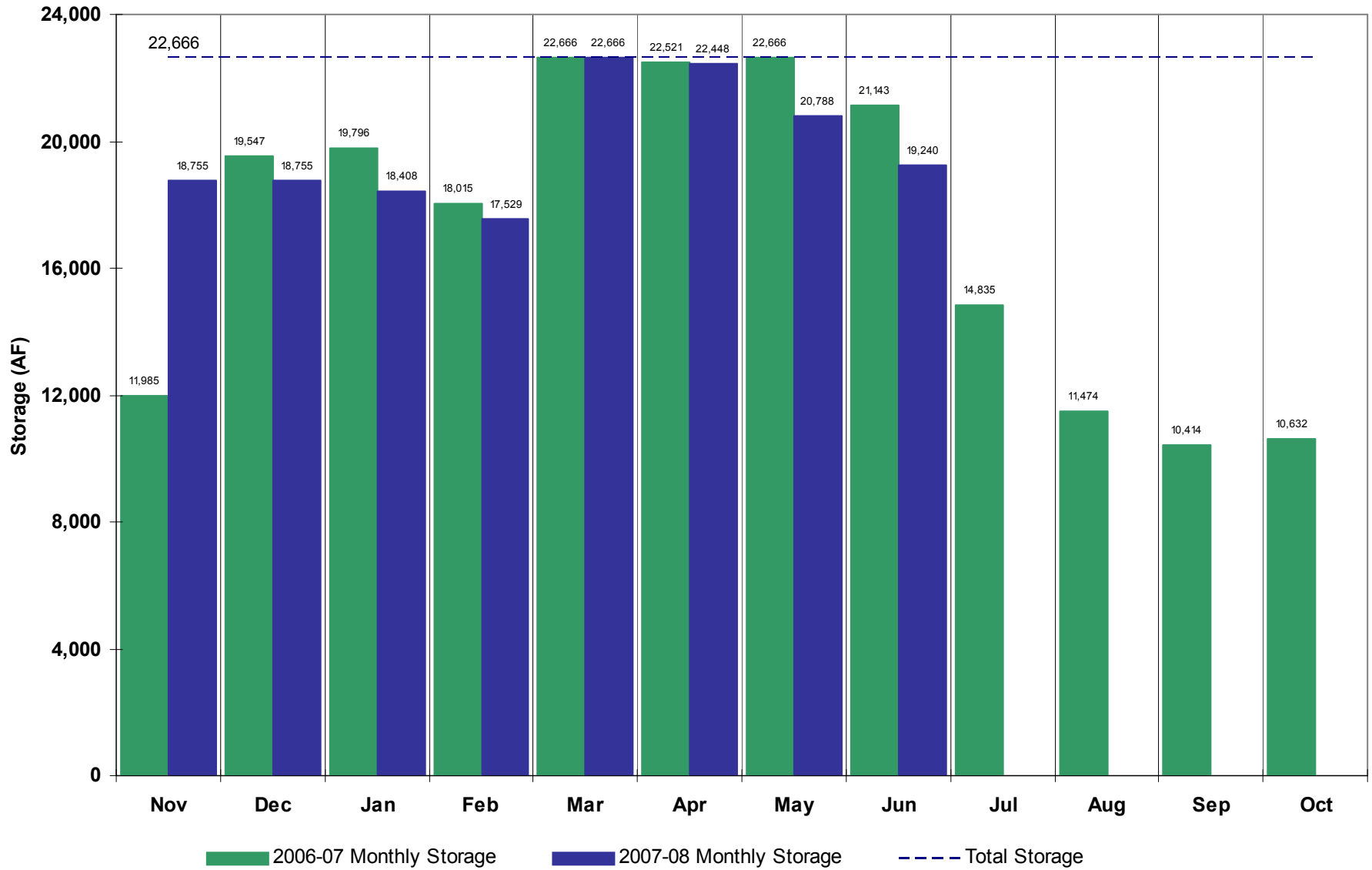


Individual Reservoir Storage Follows

Ducks in Garden Ditch
(Photo by Mark Trivisonno)

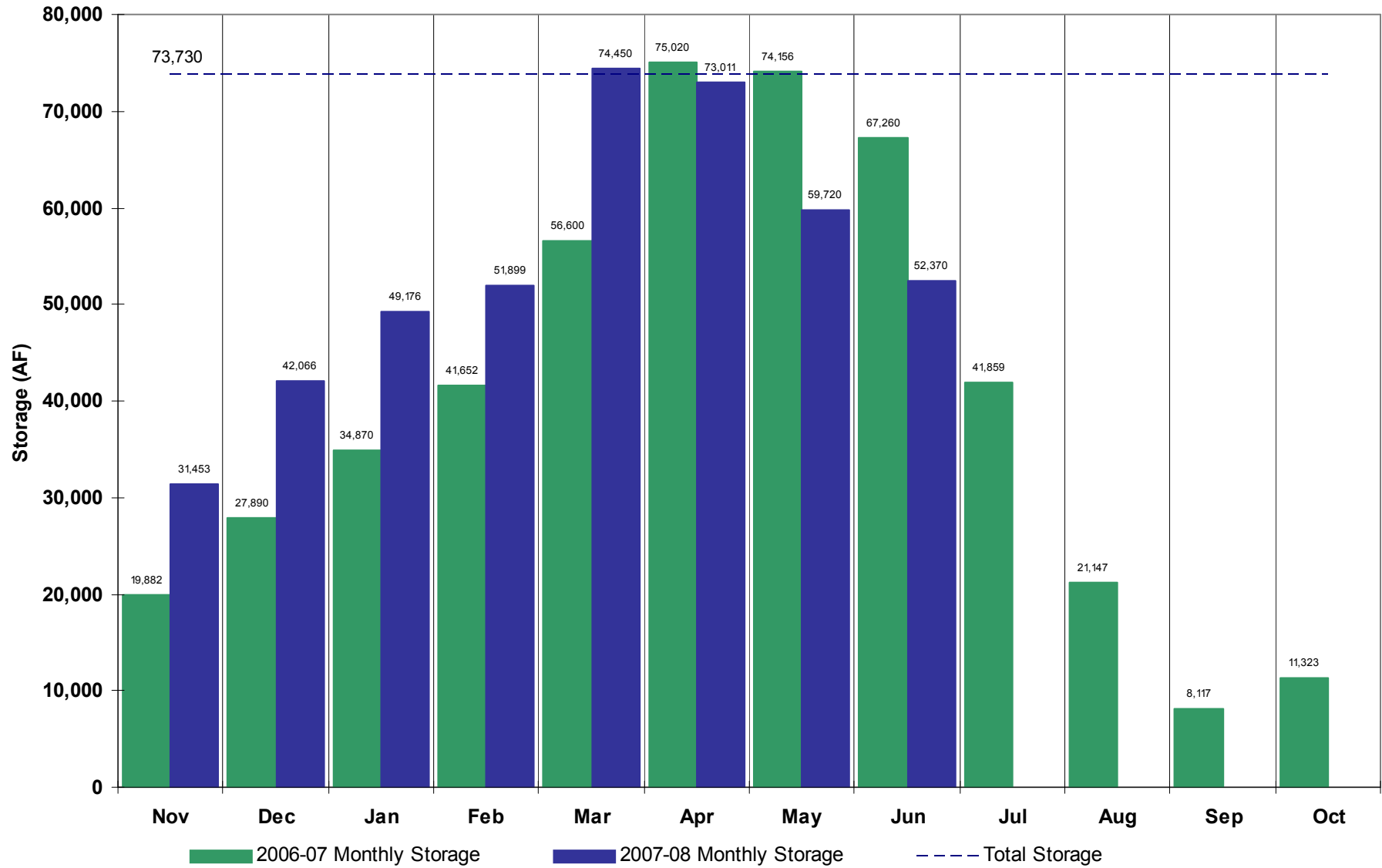
Julesburg Reservoir

(District 64 - Agricultural)



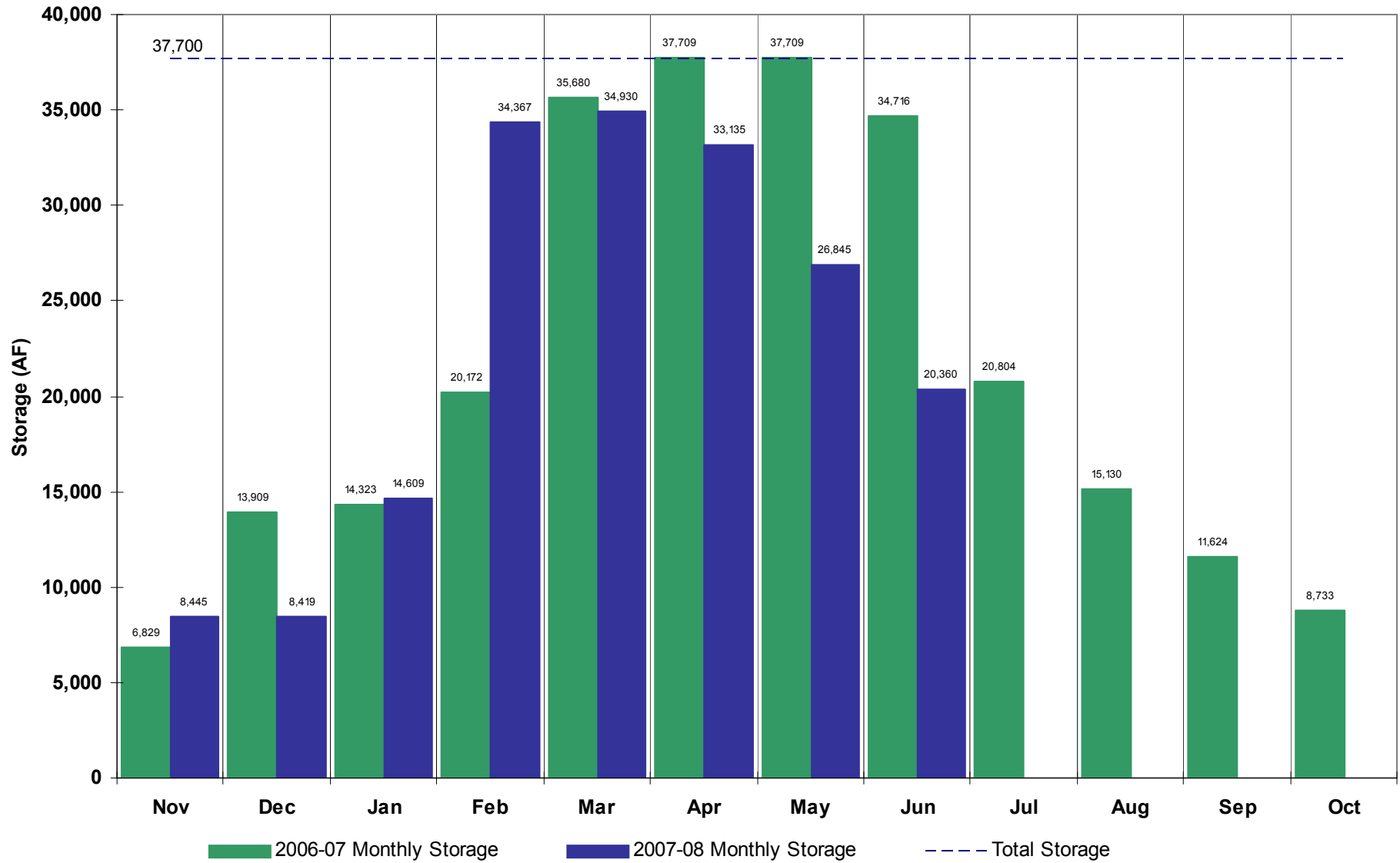
North Sterling Reservoir

(District 64- Agricultural)



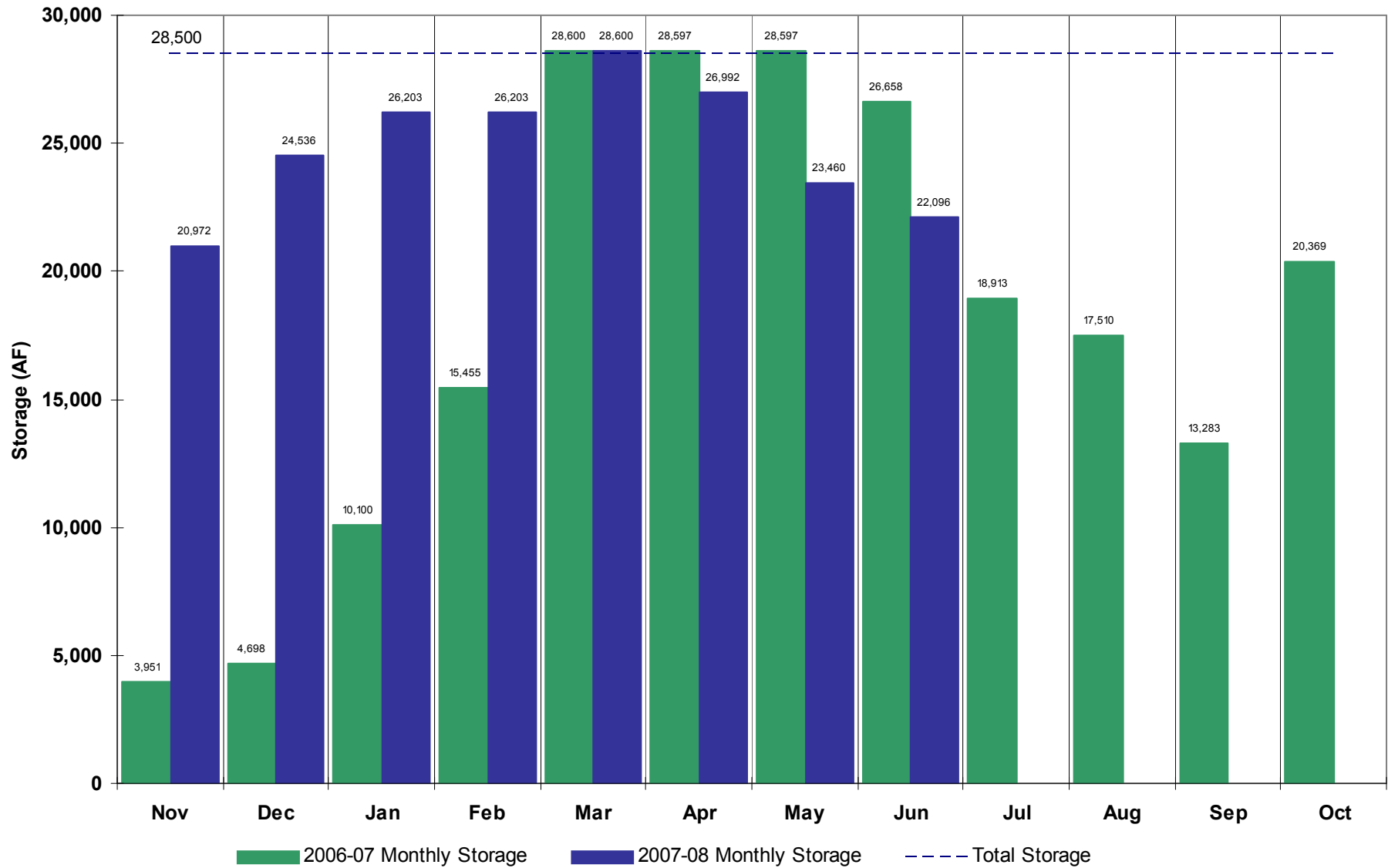
Empire Reservoir

(District 1 - Agricultural)



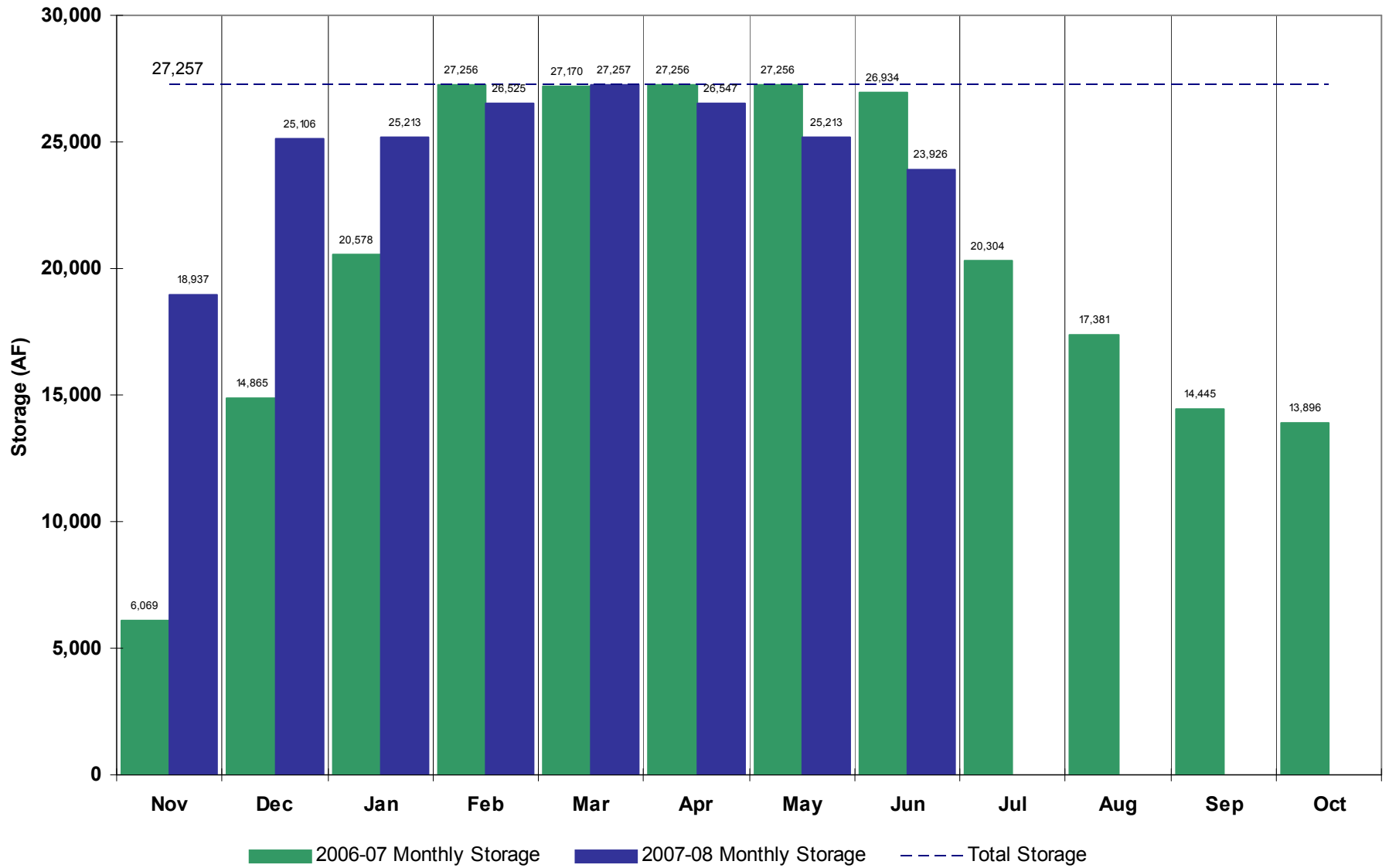
Prewitt Reservoir

(District 64- Agricultural)



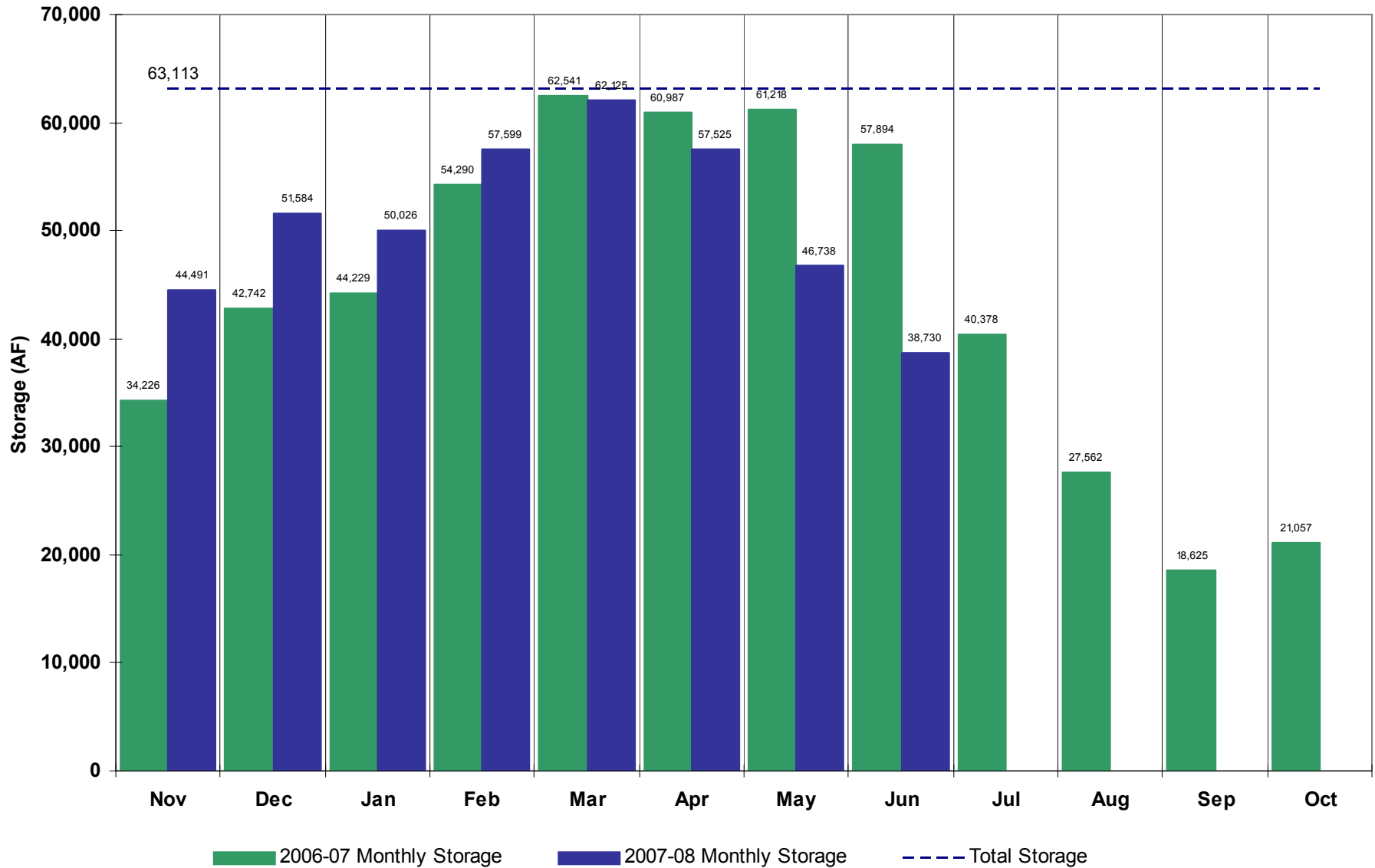
Jackson Reservoir

(District 1- Agricultural)



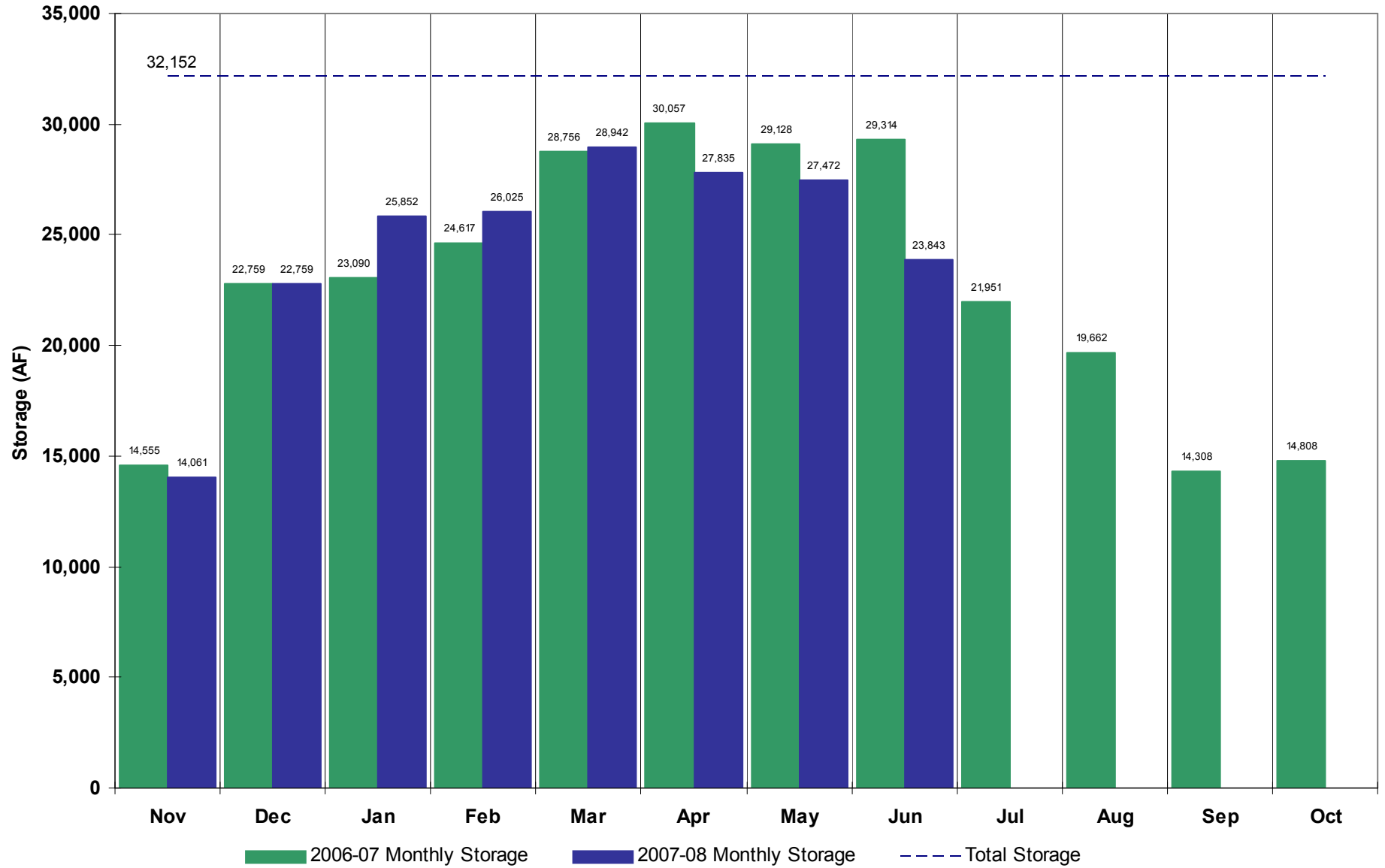
Riverside Reservoir

(District 1 - Agricultural)



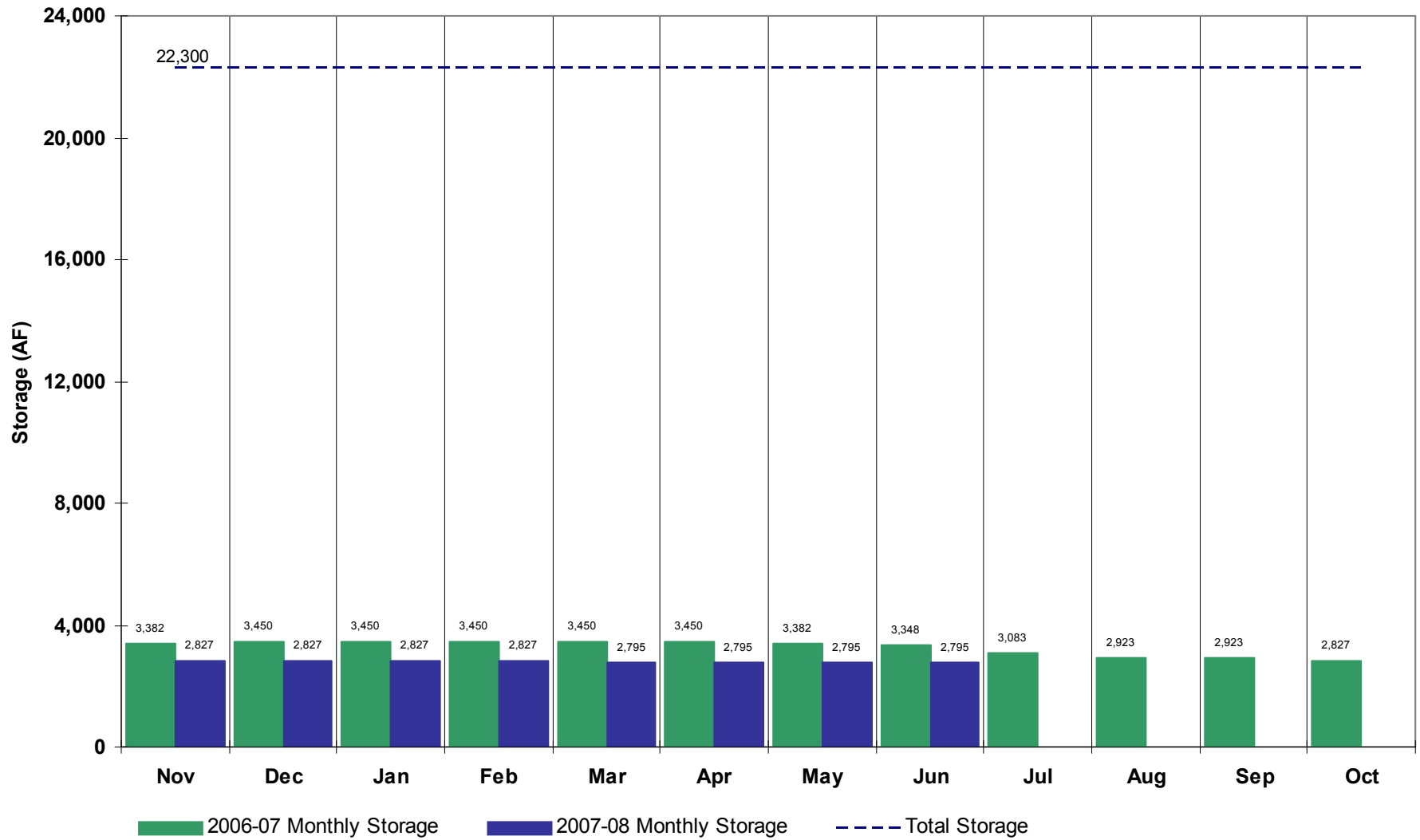
Barr Lake

(District 2 - Agricultural)



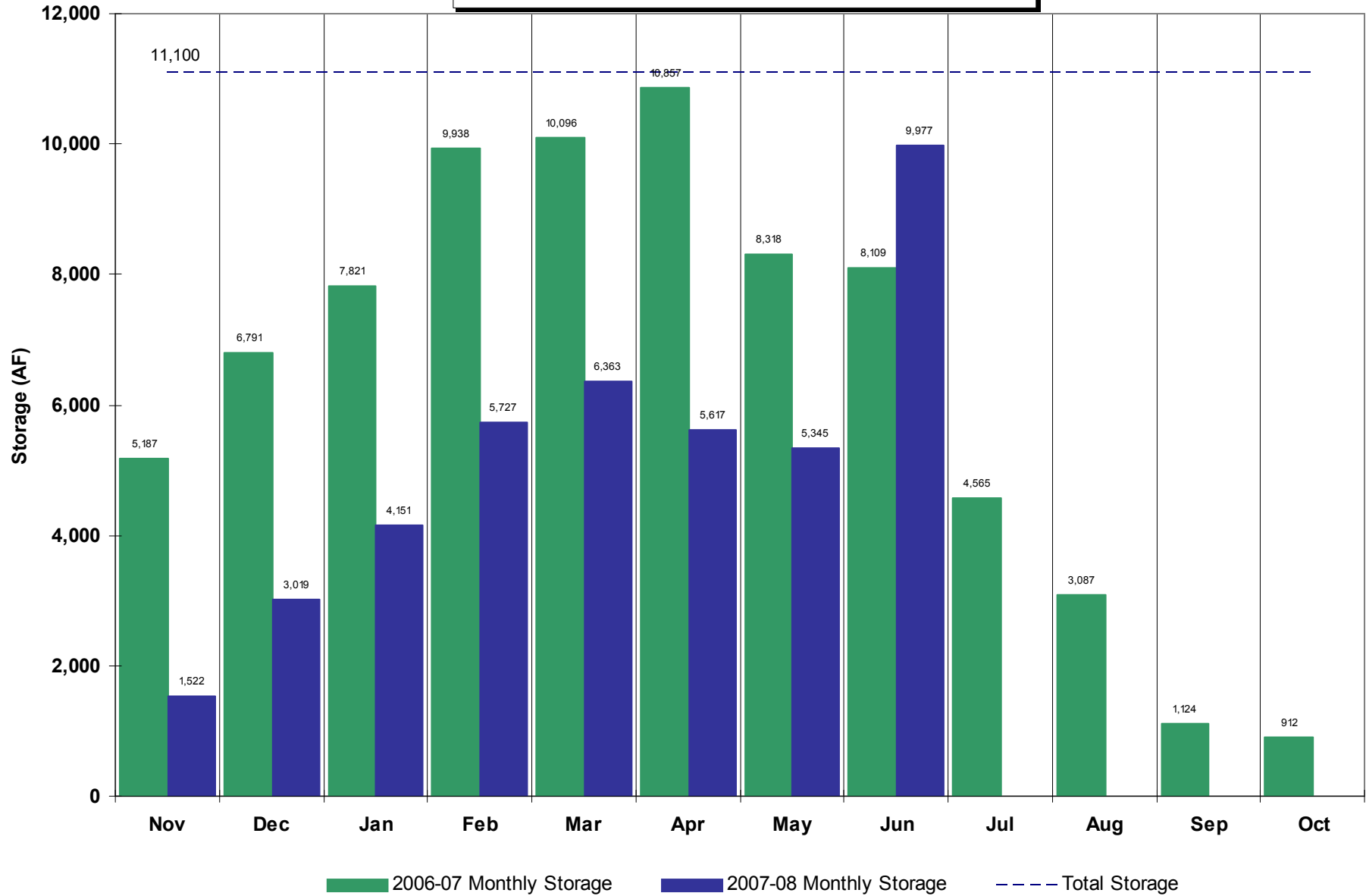
Cobb Lake

(District 3, Poudre River - Agricultural)



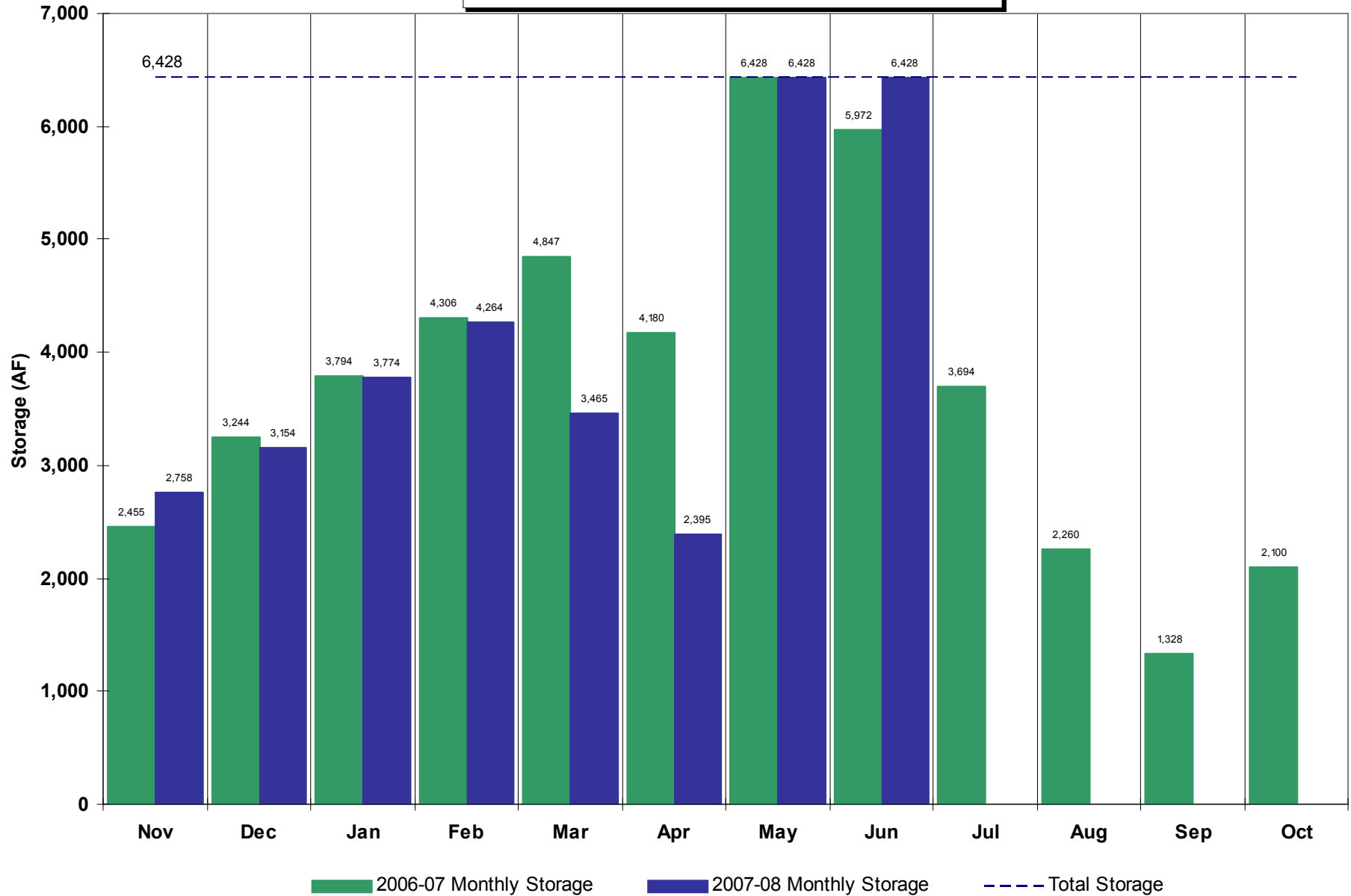
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



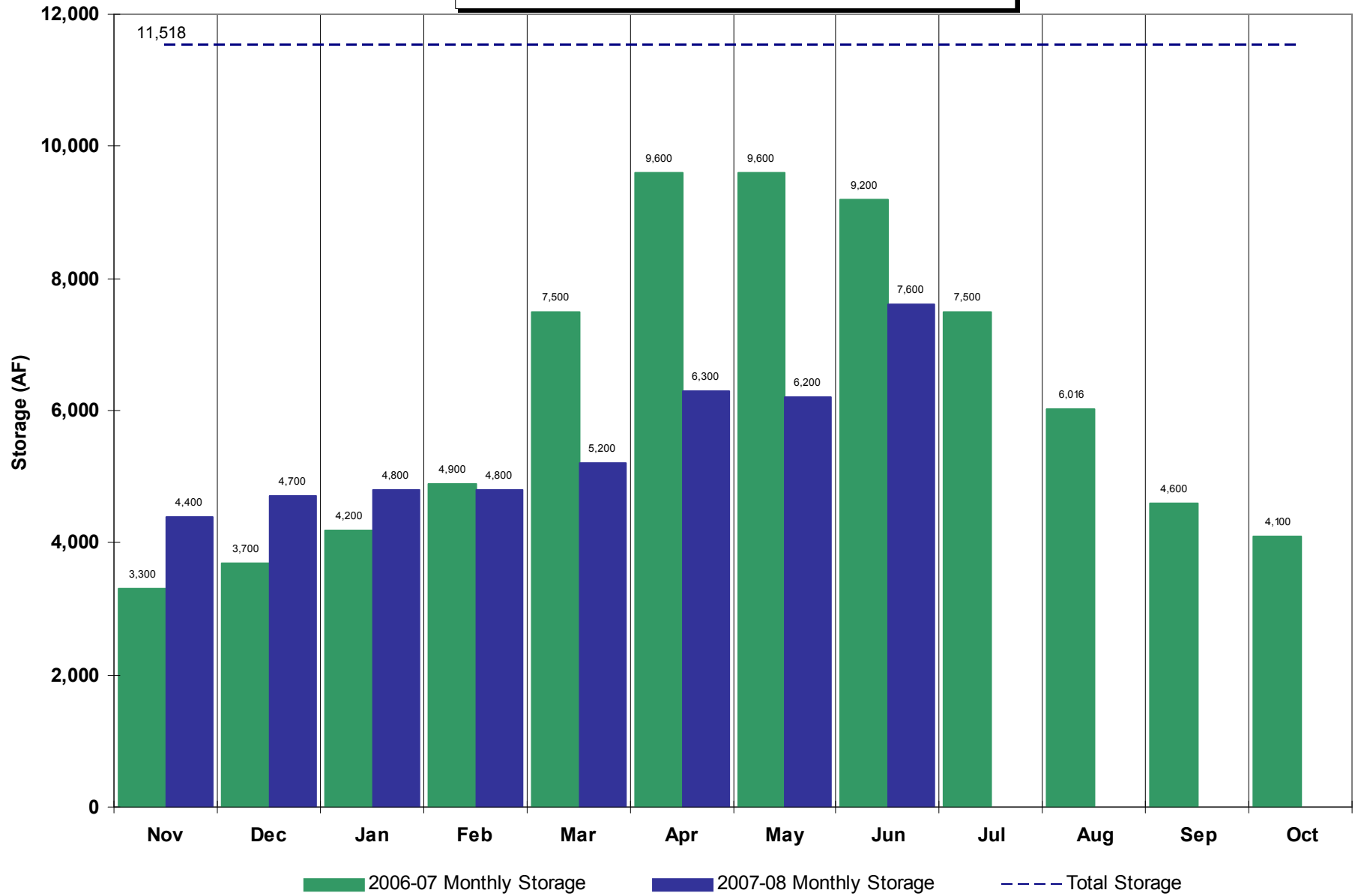
Halligan Reservoir

(District 3, Poudre River - Agricultural)



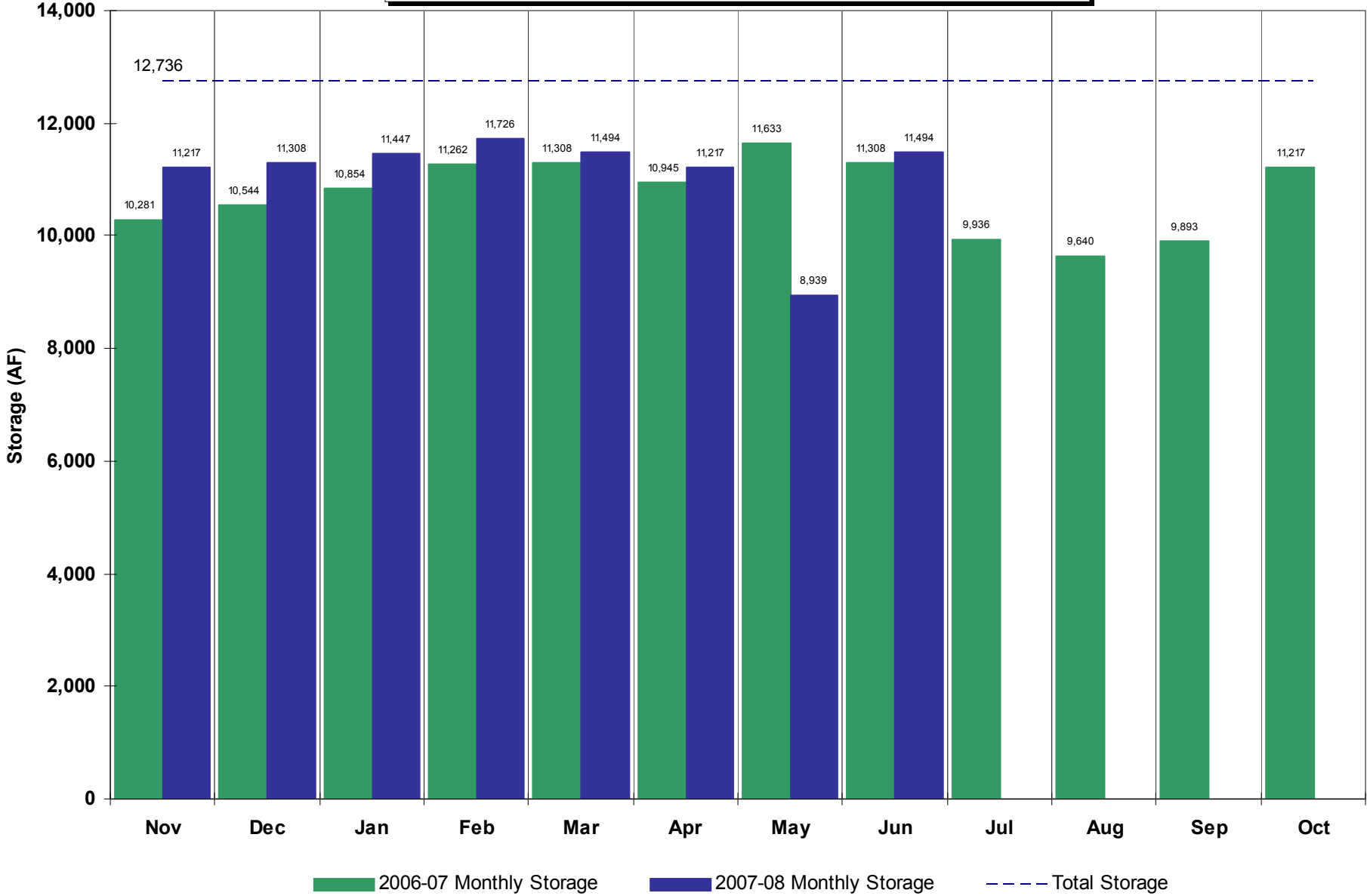
Marshall Lake

(District 6, Boulder Creek - Agricultural)



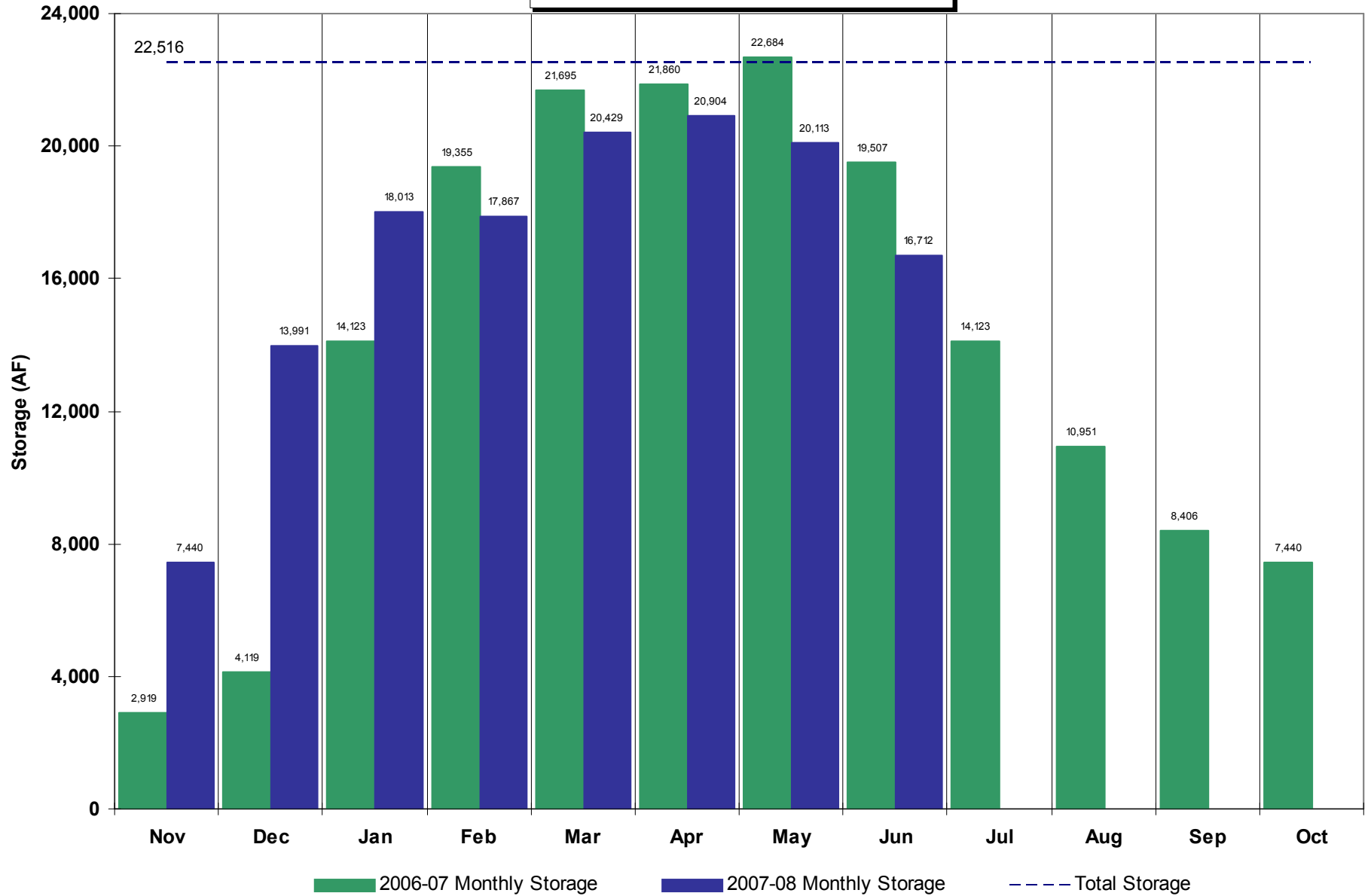
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



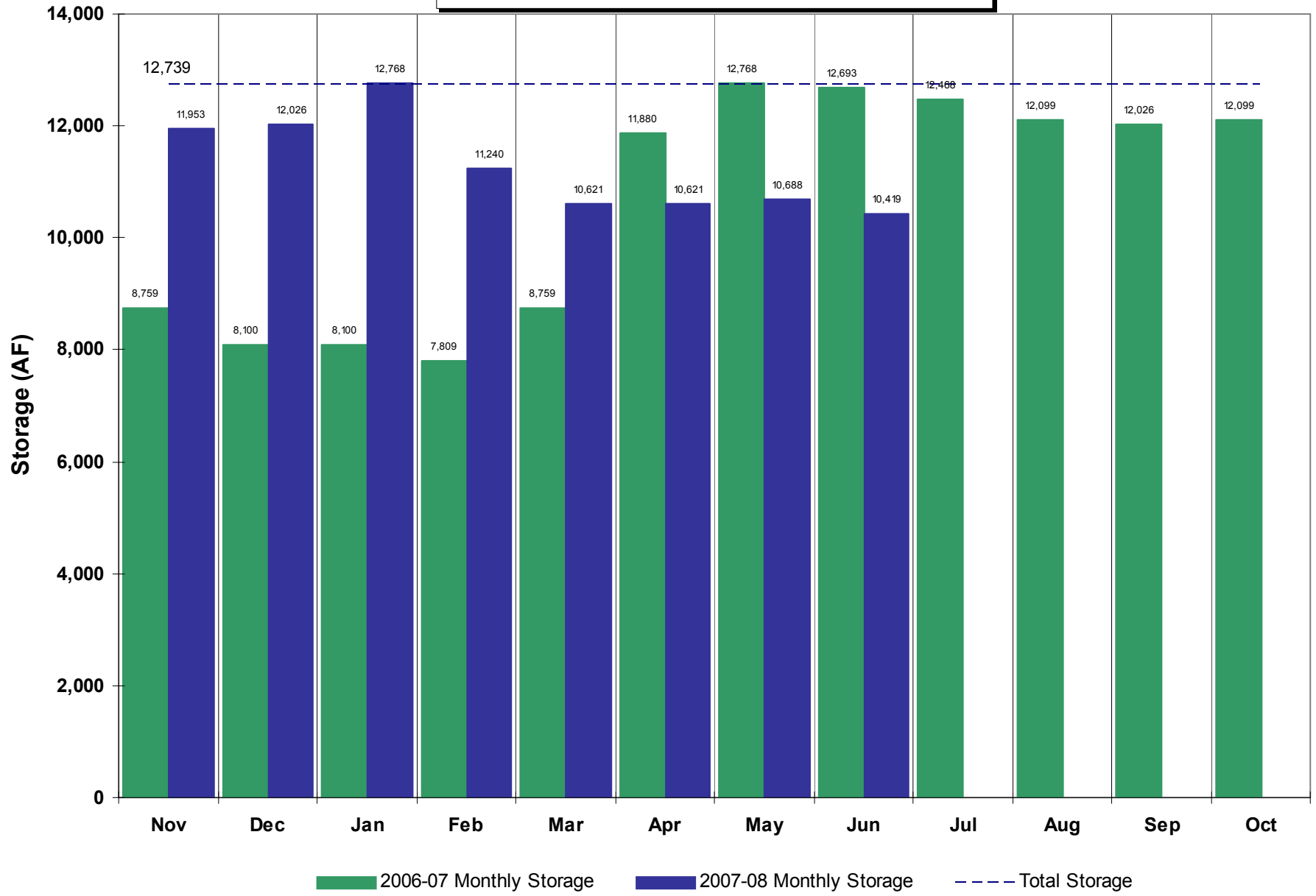
Milton Reservoir

(District 2 - Agricultural)

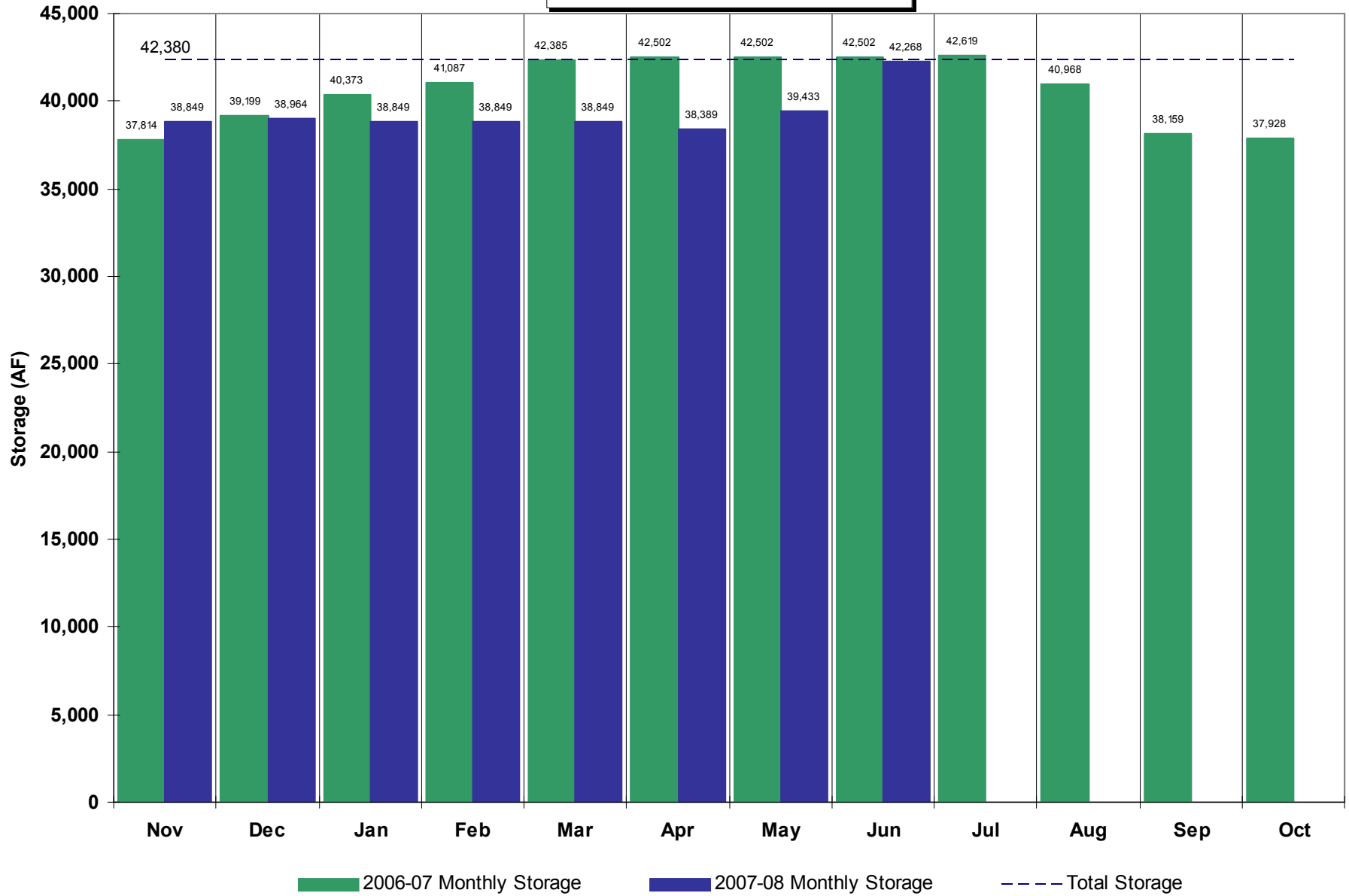


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

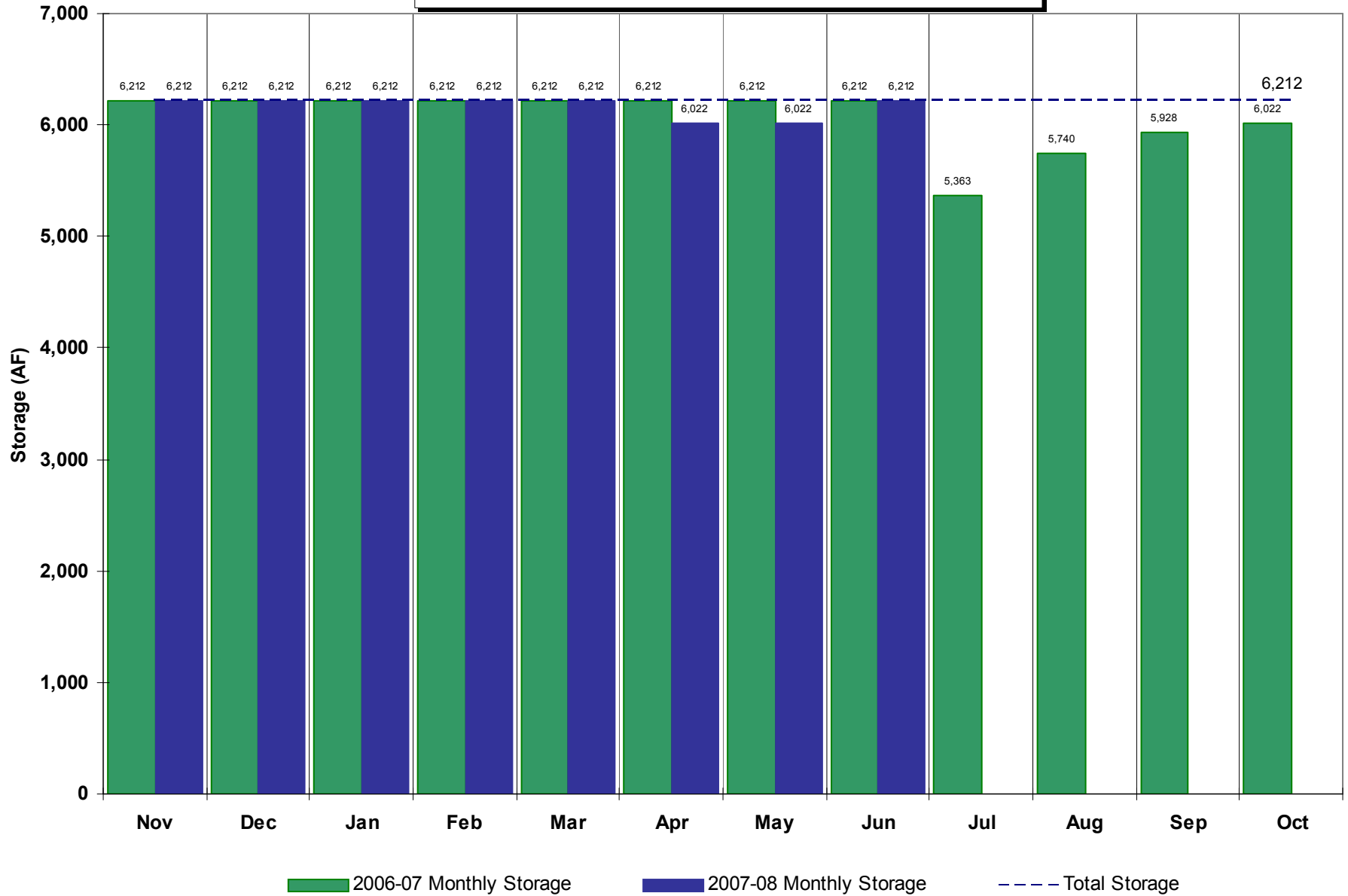


Standley Lake (Agricultural)



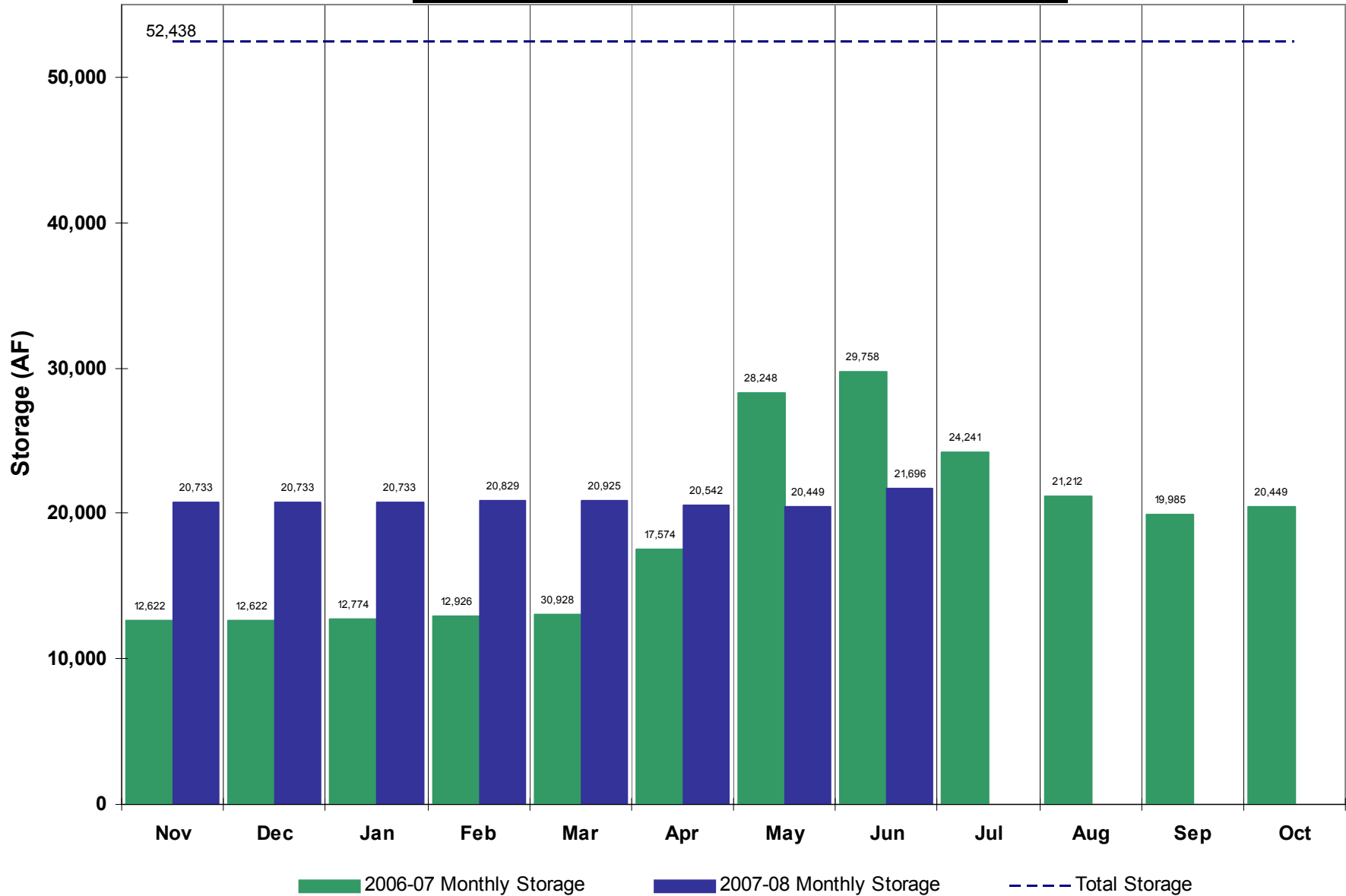
Lower Latham Reservoir

(District 2 - Agricultural)



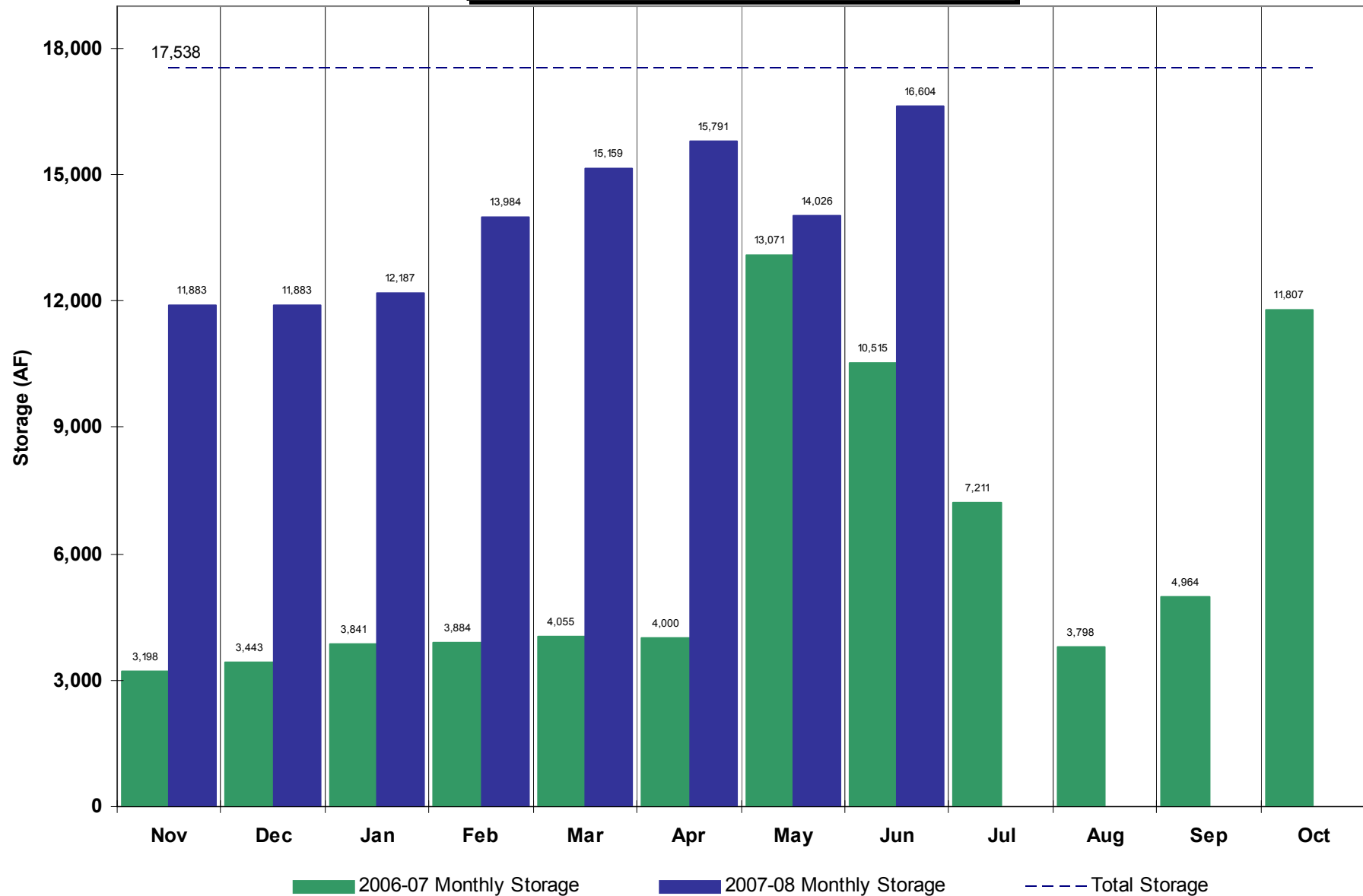
Boyd Lake

(District 4, Big Thompson River - Agricultural)



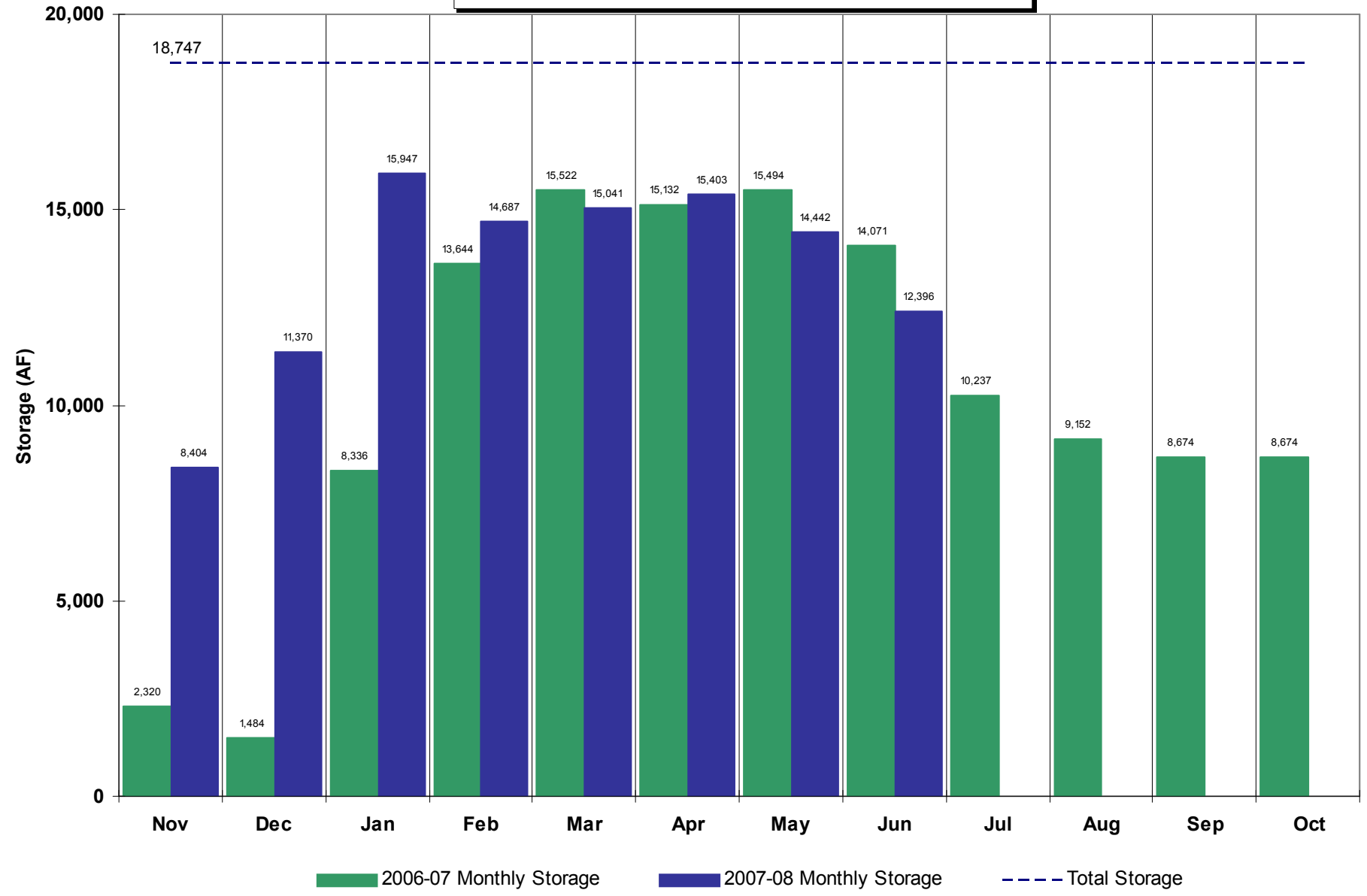
Windsor Reservoir

(District 3, Poudre River - Agricultural)



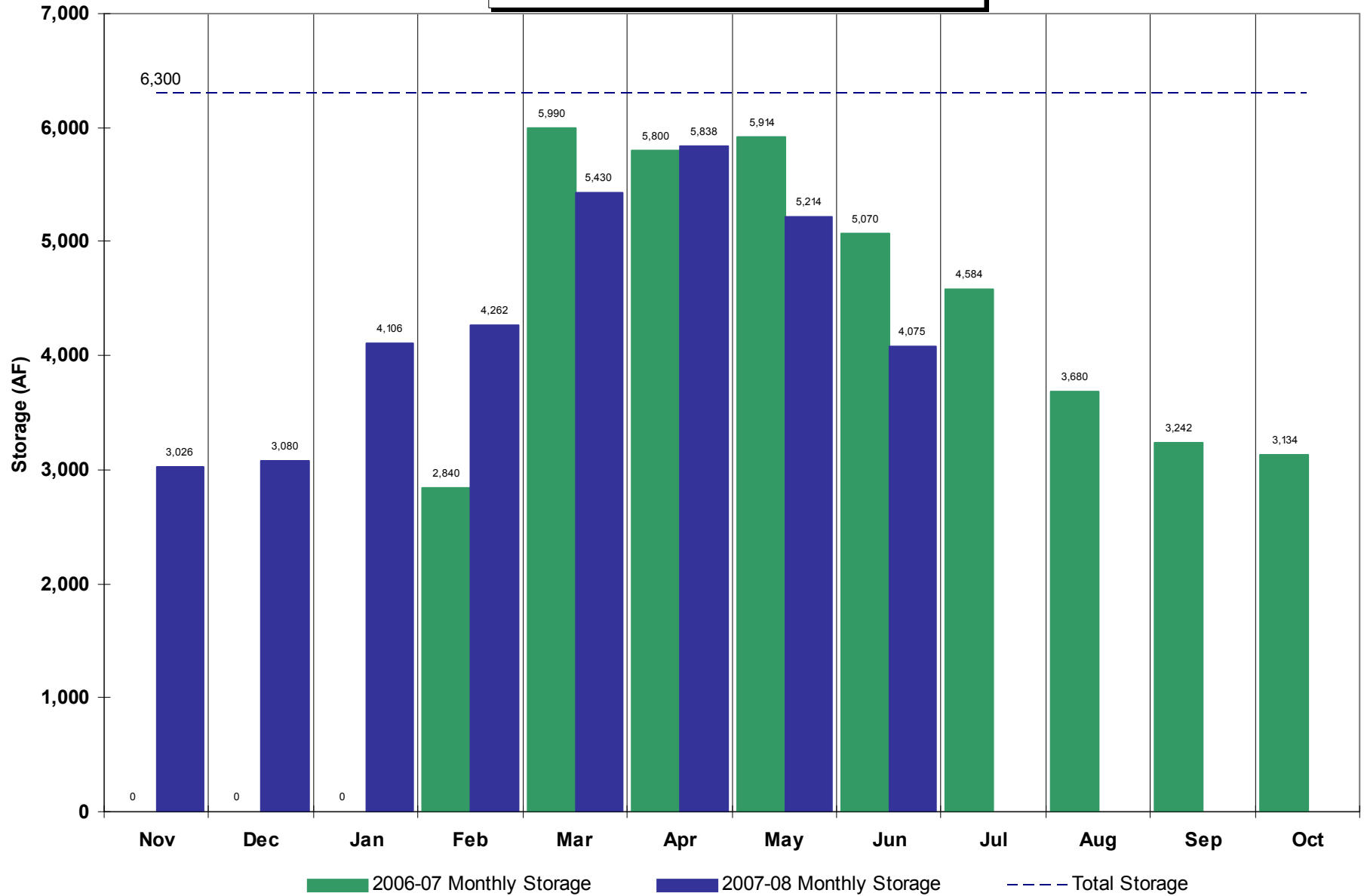
Horse Creek Reservoir

(District 1 - Agricultural)



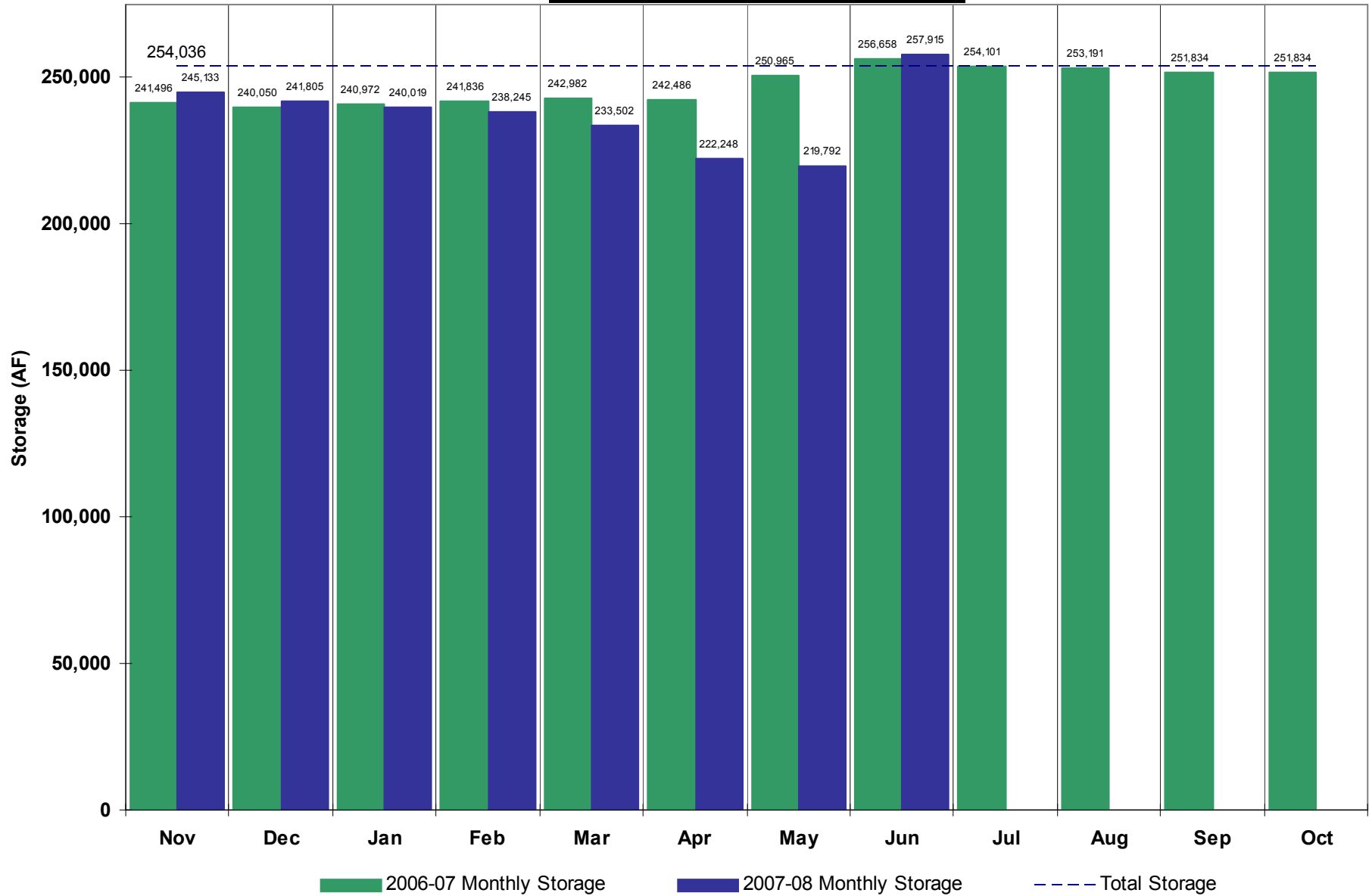
Prospect Reservoir

(District 1- Agricultural)



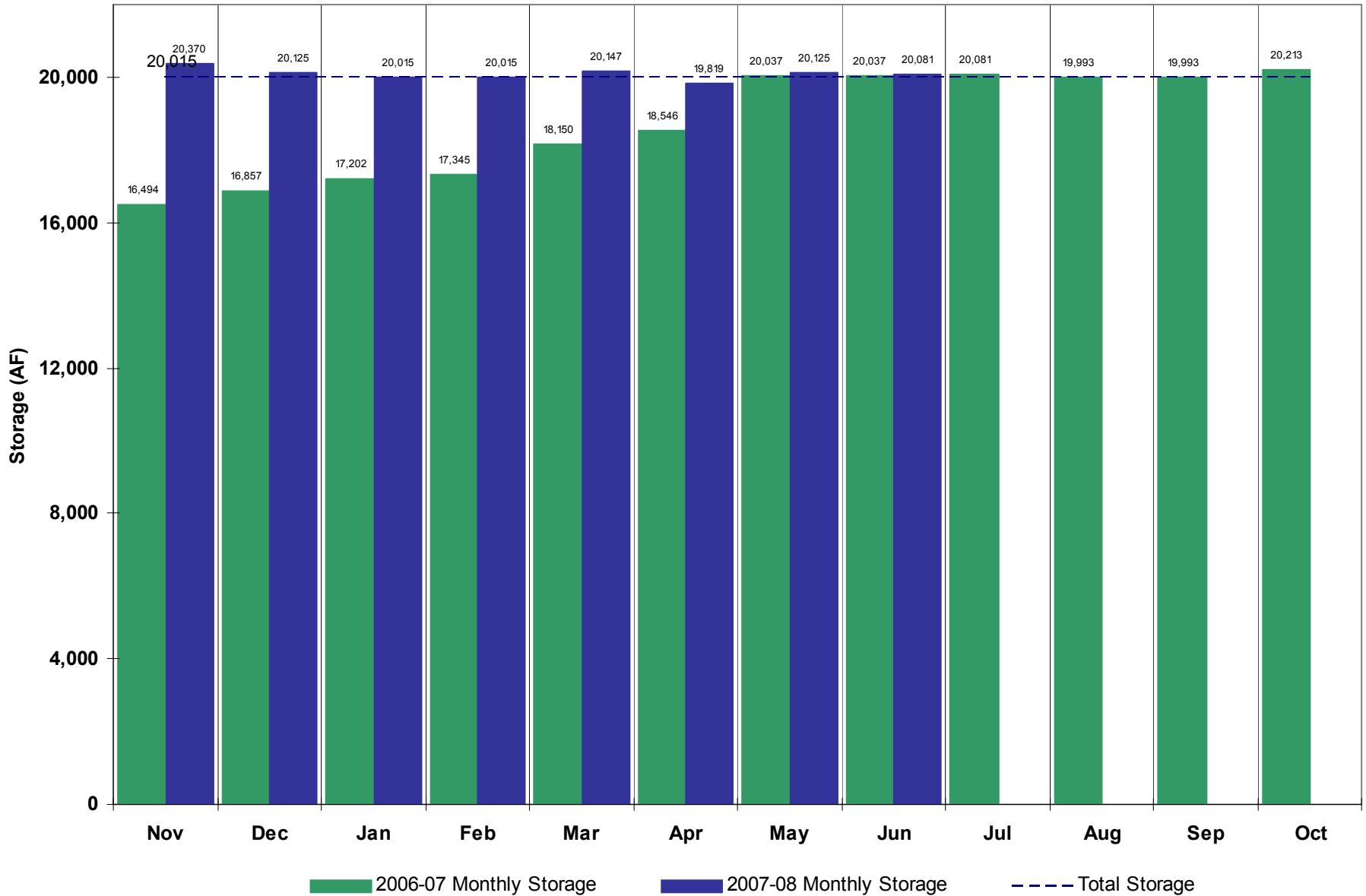
Dillon Reservoir

(Municipal)



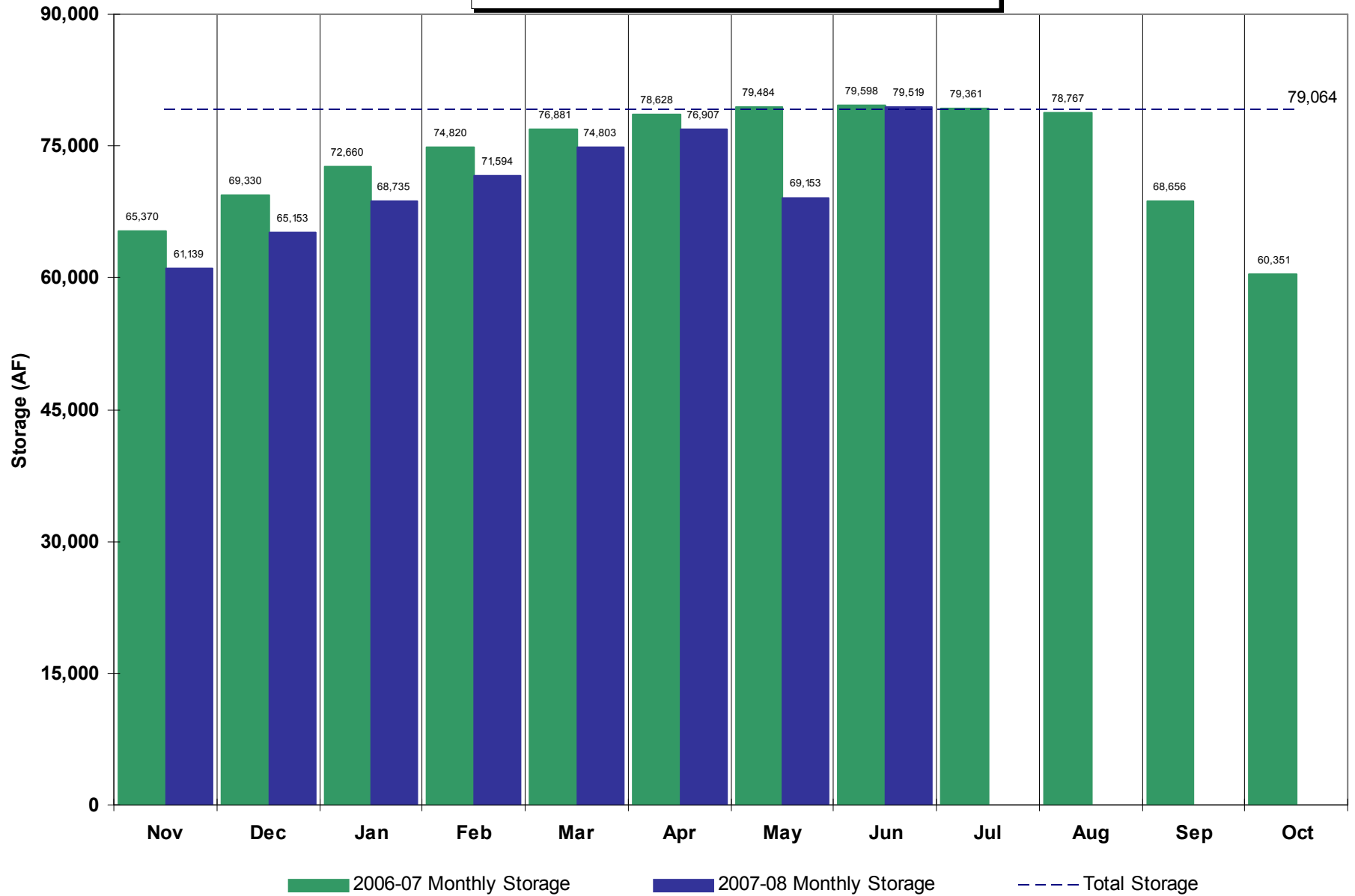
Antero Reservoir

(District 23 - Municipal)



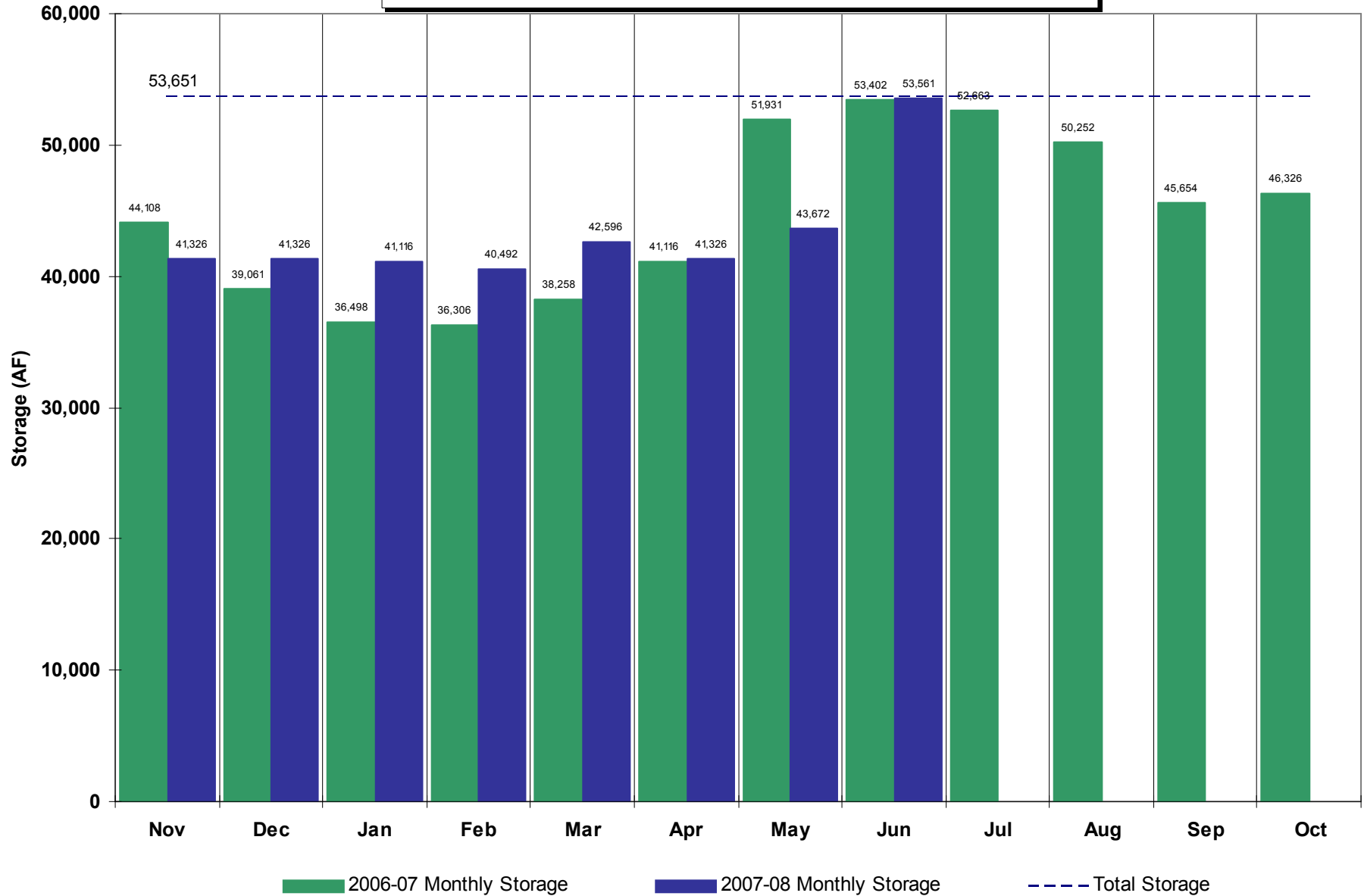
Cheesman Reservoir

(District 80 - Municipal)



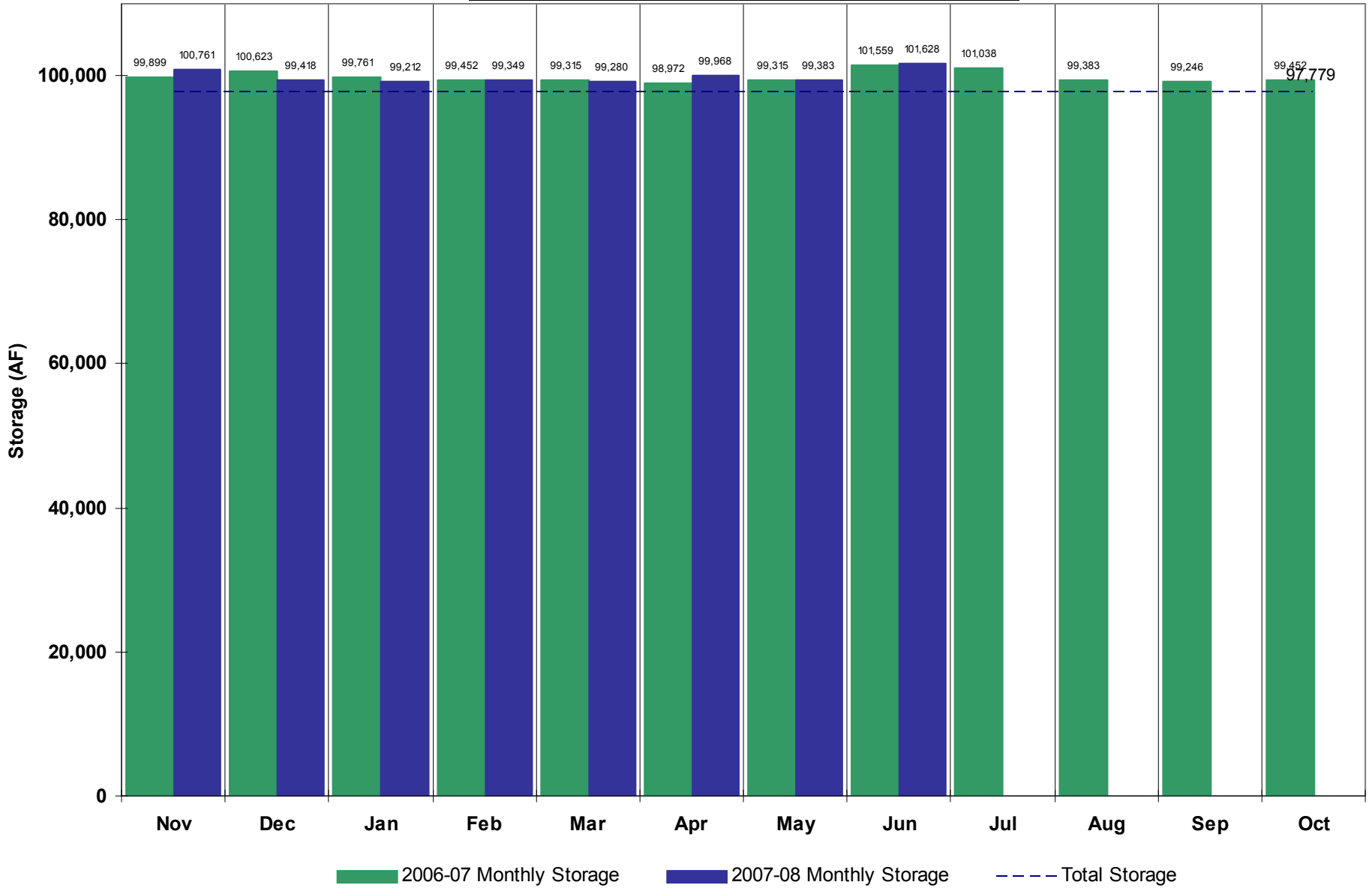
Spinney Mountain Reservoir

(District 23 - Municipal)

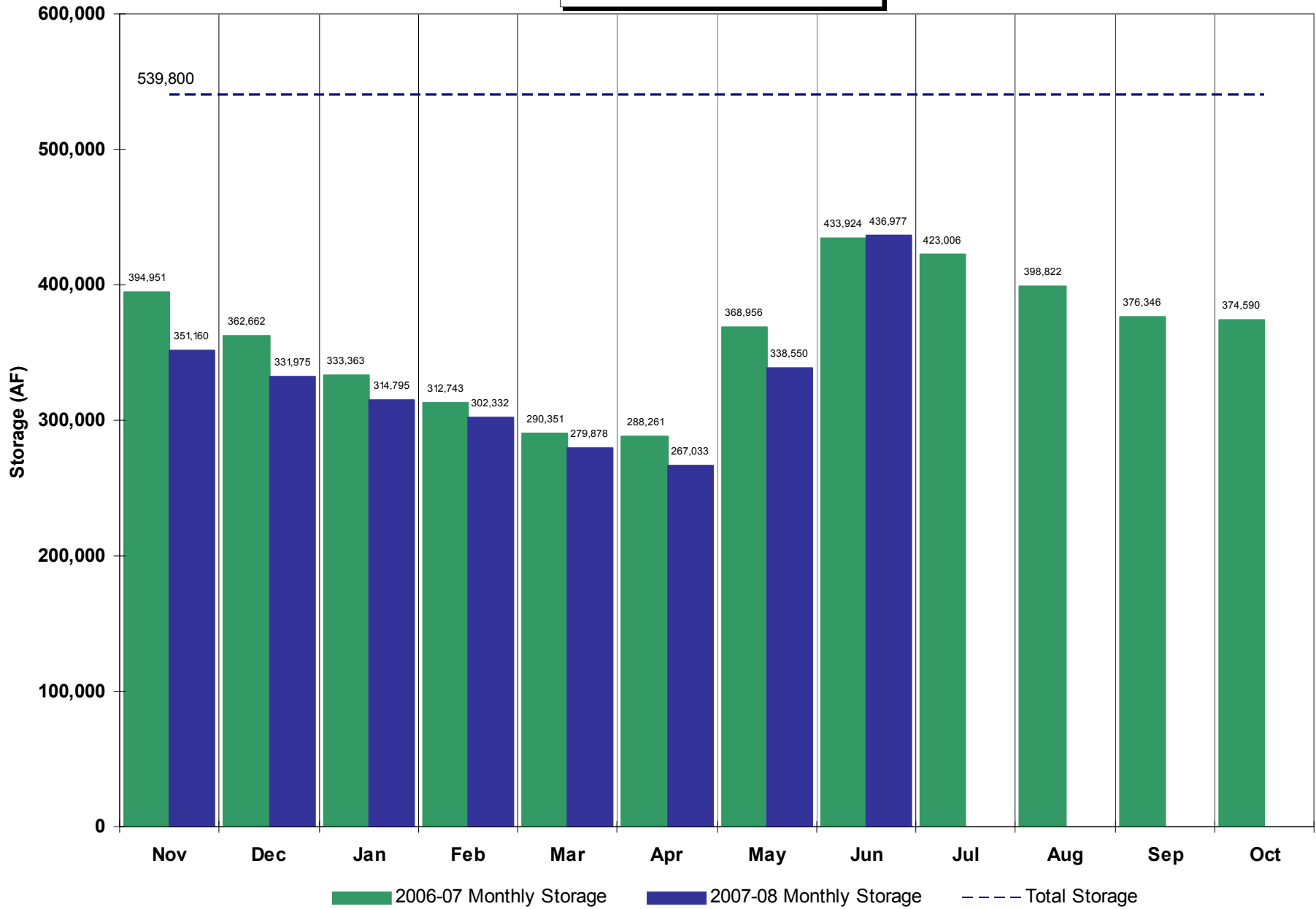


Eleven Mile Reservoir

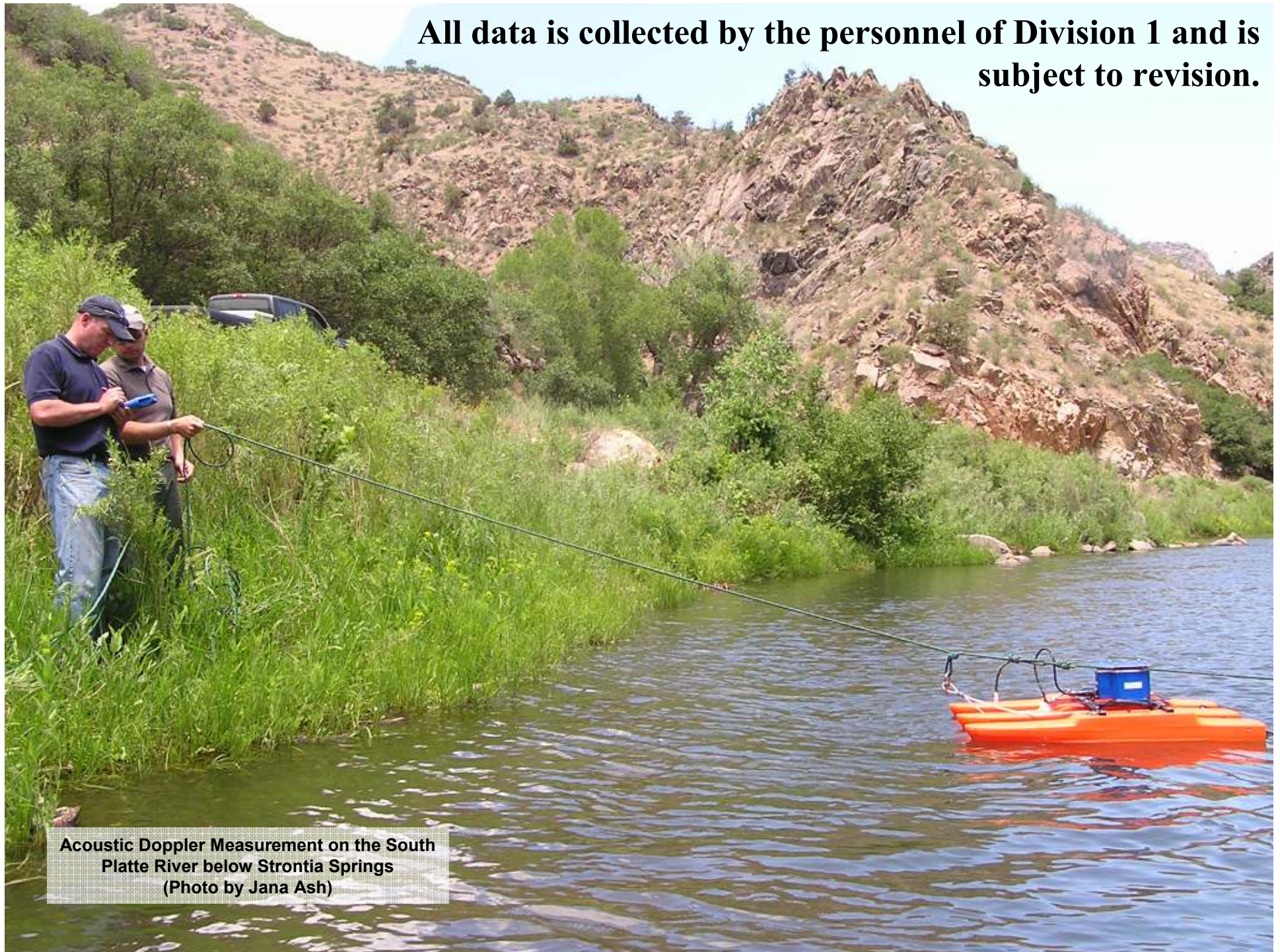
(District 23 - Municipal)



Lake Granby



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



**Acoustic Doppler Measurement on the South
Platte River below Strontia Springs
(Photo by Jana Ash)**