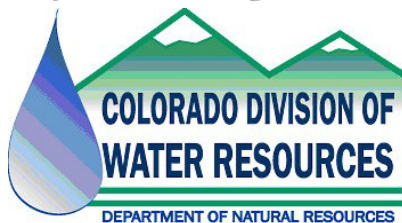




South Platte Summary

June 2006

By David Ellington



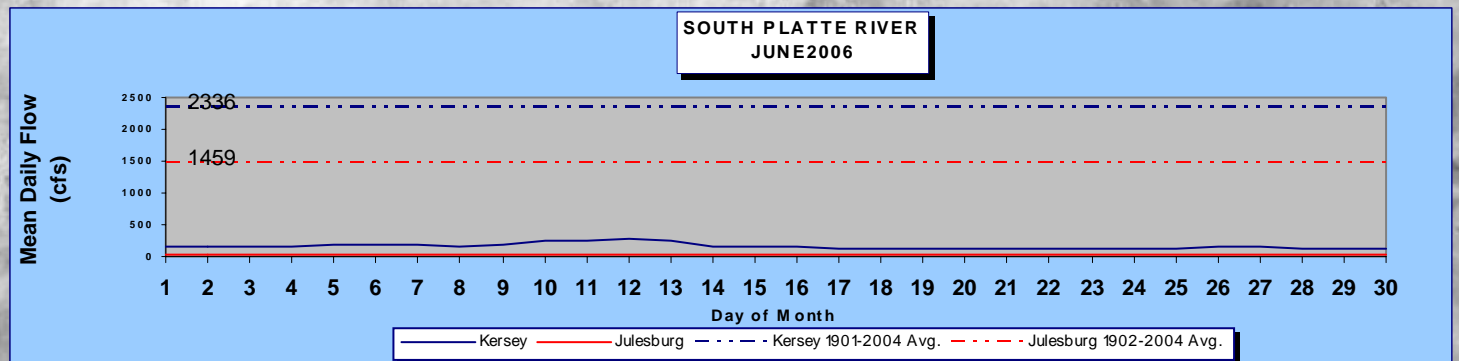
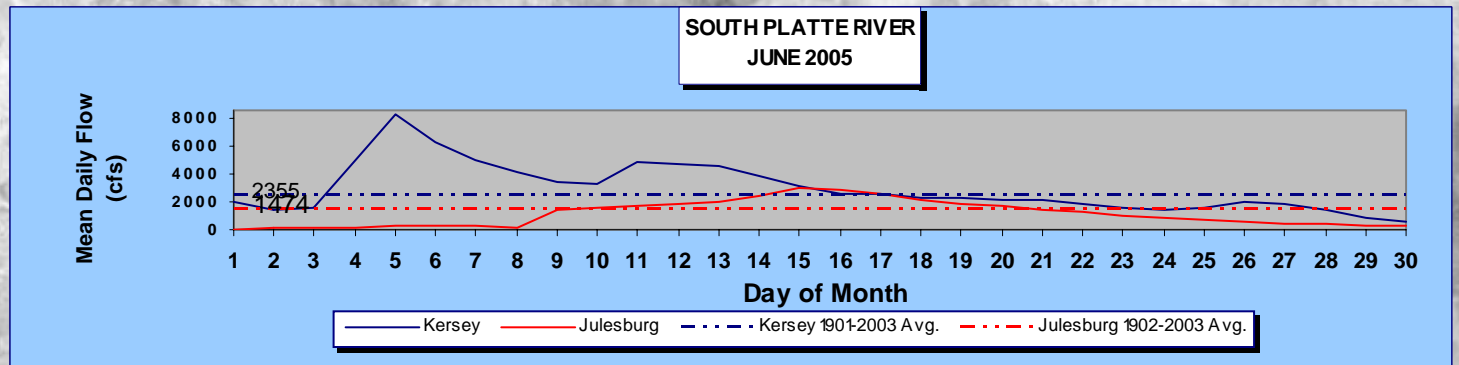
(photo by Jana Ash)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

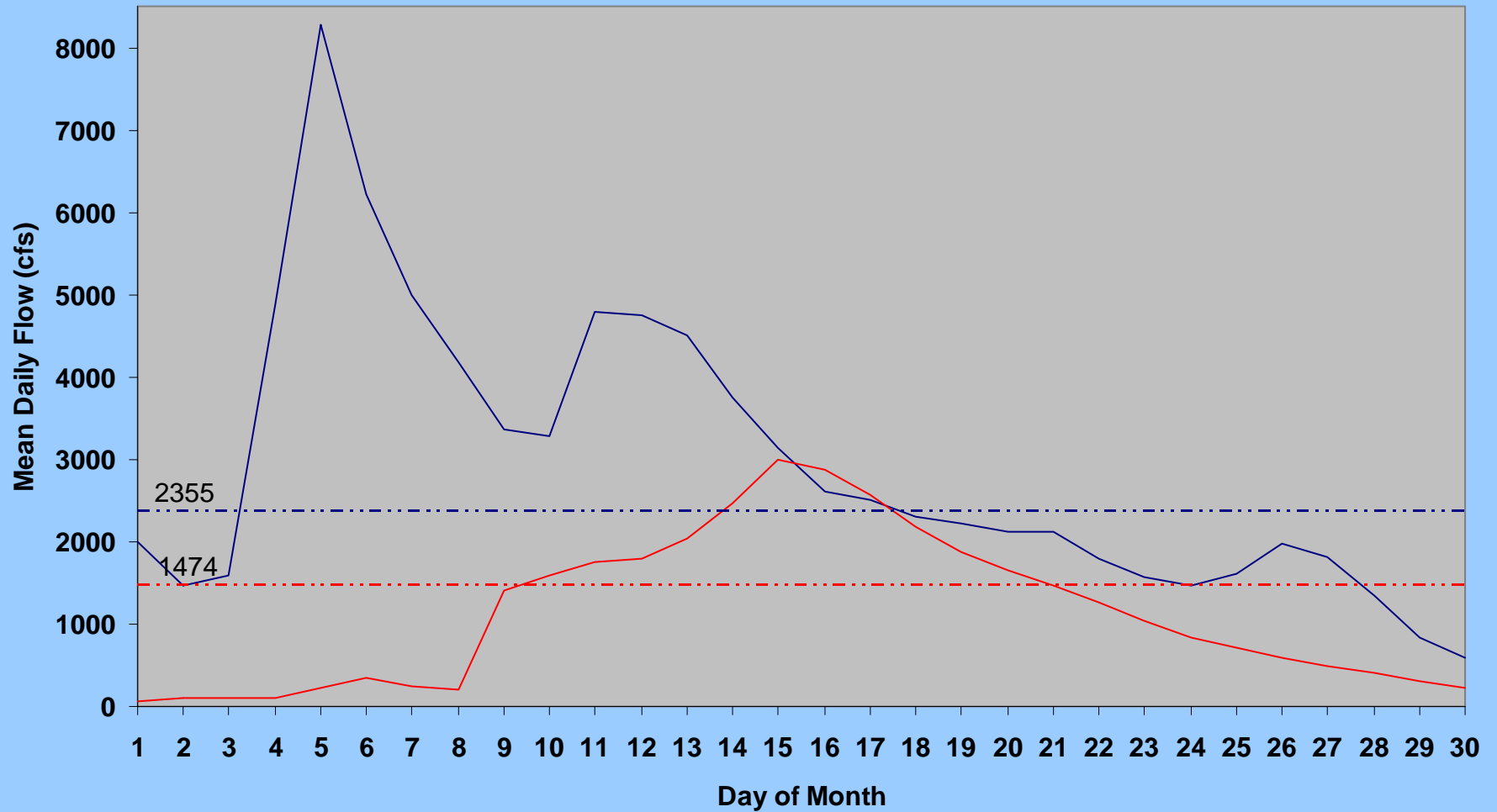
MONTH OF JUNE 2006

| 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 | 18,616 | 14,276 | 64 | -4,340 | -23% | 63% | 97% | 0 |
| N STERLING | 73,730 | 53,080 | 37,510 | 64 | -15,570 | -29% | 51% | 98% | 0 |
| PREWITT | 28,500 | 20,972 | 14,680 | 64 | -6,292 | -30% | 52% | 97% | 0 |
| JACKSON | 27,257 | 20,797 | 15,129 | 1 | -5,668 | -27% | 56% | 99% | 0 |
| EMPIRE | 37,700 | 23,002 | 10,166 | 1 | -12,836 | -56% | 27% | 83% | 0 |
| RIVERSIDE | 63,113 | 43,414 | 29,945 | 1 | -13,469 | -31% | 47% | 100% | 0 |
| BARR LAKE | 31,652 | 20,606 | 13,659 | 2 | -6,947 | -34% | 43% | 93% | 0 |
| CHEESMAN | 79,064 | 75,803 | 79,405 | 80 | 3,602 | 5% | 100% | 100% | 341 |
| ELEVEN MILE | 97,779 | 101,108 | 100,416 | 23 | -692 | -1% | 100% | 100% | 2,637 |
| SPINNEY | 53,651 | 43,240 | 47,005 | 23 | 3,765 | 9% | 88% | 72% | 0 |
| ANTERO | 20,015 | 9,889 | 12,361 | 23 | 2,472 | 25% | 62% | 26% | 0 |

| RIVER GAGES | MEAN DAILY FLOW (CFS) |
|-----------------------------------|-----------------------|
| KERSEY | 165 |
| JULESBURG | 34 |
| THIS MONTH LAST YEAR | |
| KERSEY | 2934 |
| JULESBURG | 1130 |
| MEAN FOR PERIOD OF RECORD* | |
| KERSEY | 2336 |
| JULESBURG | 1459 |
| * 1901-2004 | |
| 1902-2004 | |

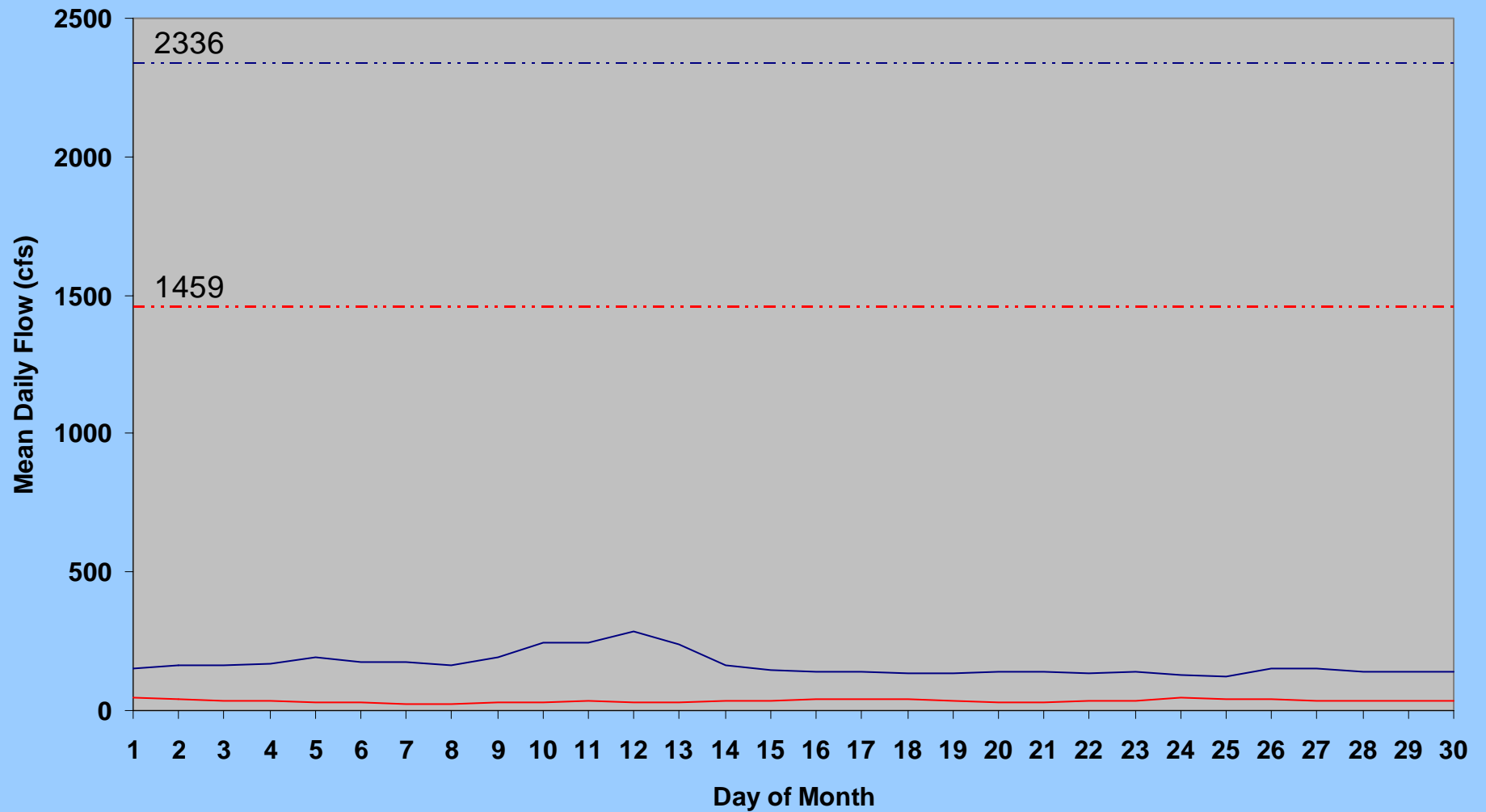


SOUTH PLATTE RIVER JUNE 2005



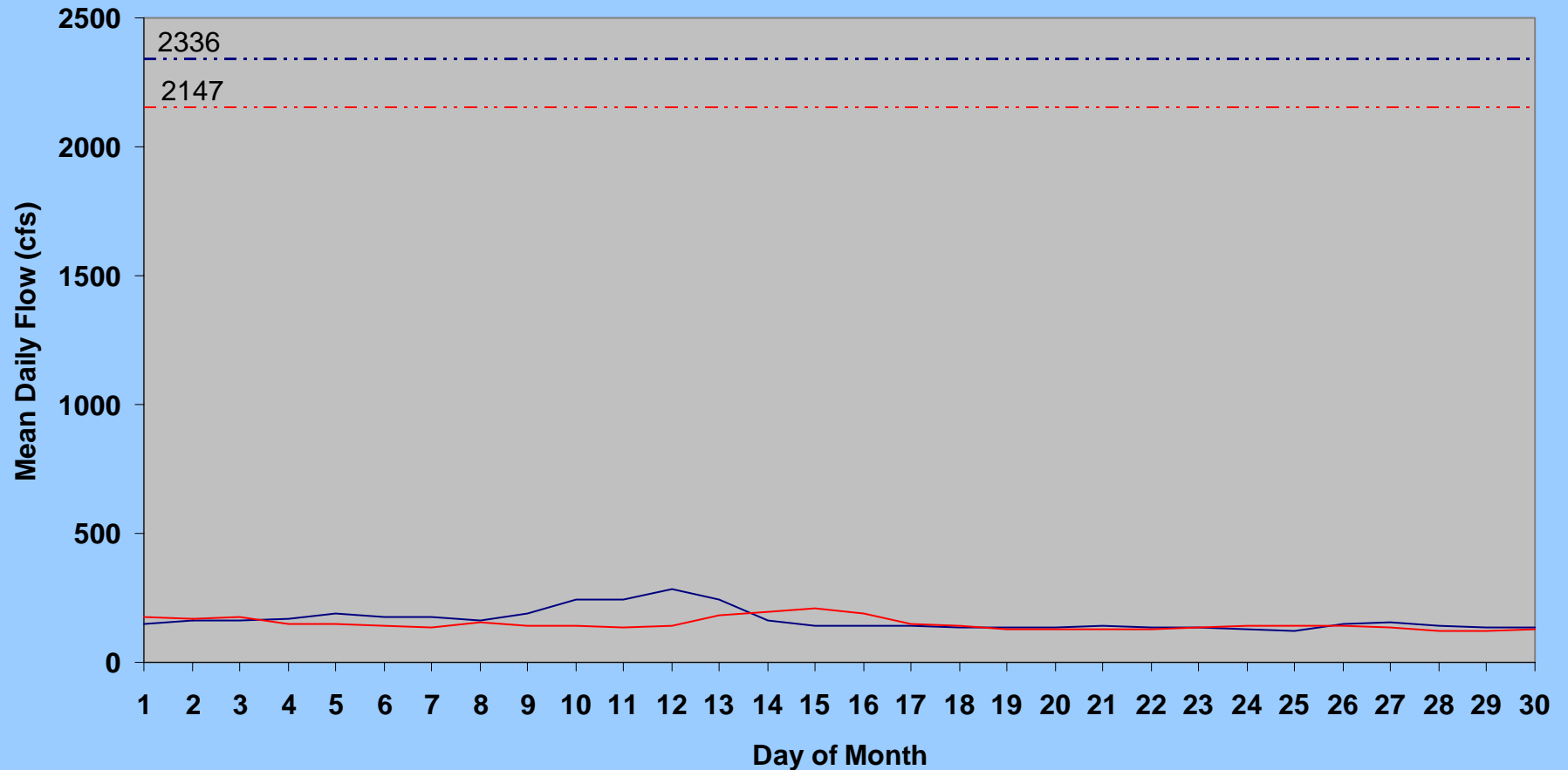
— Kersey — Julesburg - - - - Kersey 1901-2003 Avg. - - - - Julesburg 1902-2003 Avg.

SOUTH PLATTE RIVER JUNE 2006



— Kersey — Julesburg - - - Kersey 1901-2004 Avg. - - - Julesburg 1902-2004 Avg.

KERSEY and BALZAC JUNE 2006



— Kersey — Balzac - - - Kersey 1901-2004 Avg. - - - Balzac 1981-2004 Avg.

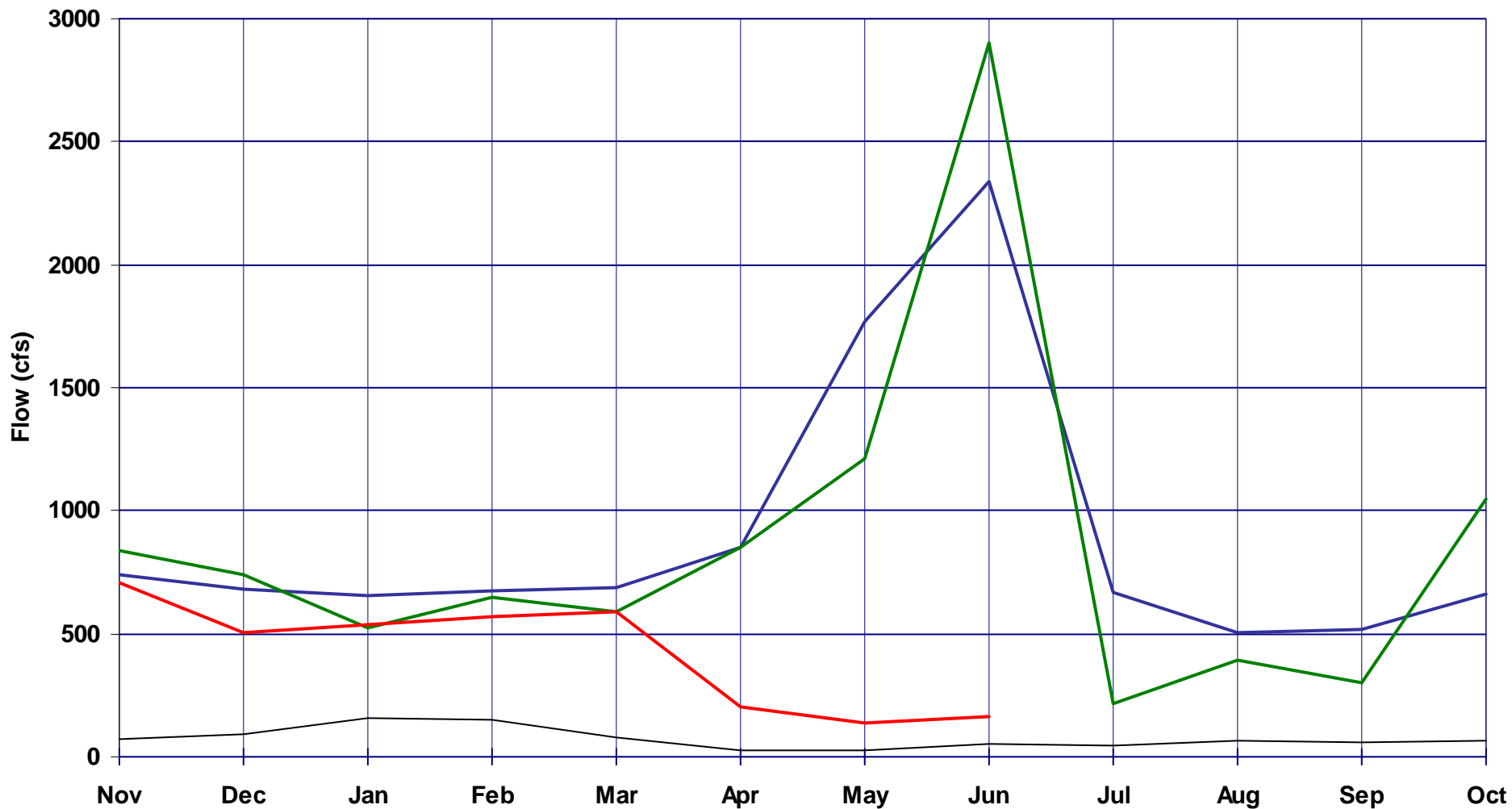


| South Platte River Monthly Stream Flow (cfs) Statistics | | | | | | | | | | | | | |
|--|---------------------------|--------------------------|------|--------------------------|------|------------------------------------|--|---------------------------|--------------------------|------|--------------------------|------|------------------------------------|
| South Platte River at Kersey | | | | | | | South Platte River at Julesburg | | | | | | |
| Month | Historic* Mean Flow | Historic* Max Flow | Year | Historic* Min Flow | Year | IY 2006 Mean Monthly Flow | Month | Historic* Mean Flow | Historic* Max Flow | Year | Historic* Min Flow | Year | IY 2006 Mean Monthly Flow |
| Nov | 737 | 3650 | 1984 | 70 | 1934 | 709 | Nov | 346 | 2900 | 1984 | 4.2 | 1903 | 71 |
| Dec | 684 | 1890 | 1961 | 91 | 1934 | 502 | Dec | 408 | 1820 | 1984 | 13 | 2002 | 165 |
| Jan | 656 | 2160 | 1974 | 158 | 1935 | 537 | Jan | 526 | 2510 | 1970 | 21 | 2003 | 98 |
| Feb | 673 | 3060 | 1914 | 152 | 1935 | 569 | Feb | 604 | 3220 | 1930 | 22 | 2004 | 115 |
| Mar | 686 | 3470 | 1983 | 80 | 1935 | 592 | Mar | 545 | 12900 | 1910 | 15 | 1904 | 100 |
| Apr | 849 | 18100 | 1942 | 28 | 1955 | 204 | Apr | 540 | 14400 | 1942 | 4.0 | 1904 | 144 |
| May | 1766 | 26100 | 1973 | 29 | 1955 | 138 | May | 1043 | 18100 | 1973 | 12 | 1911 | 174 |
| Jun | 2336 | 31000 | 1921 | 52 | 1954 | 165 | Jun | 1459 | 30800 | 1921 | 2.0 | 1910 | 34 |
| Jul | 670 | 12600 | 1983 | 44 | 1955 | | Jul | 300 | 12600 | 1983 | 0.0 | 1903 | |
| Aug | 506 | 9690 | 1951 | 65 | 1934 | | Aug | 184 | 8920 | 1968 | 0.0 | 1903 | |
| Sep | 517 | 14200 | 1938 | 62 | 1940 | | Sep | 245 | 7130 | 1938 | 2.0 | 1902 | |
| Oct | 662 | 6180 | 1984 | 66 | 1954 | | Oct | 308 | 3130 | 1984 | 4.2 | 1903 | |
| *Period of record 1901-2004 | | | | | | | *Period of record 1902-2004 | | | | | | |

Woodland Lake (photo by Jana Ash)

South Platte River at Kersey

Irrigation Water Year



— Historic* Mean Flow
*1901-2004

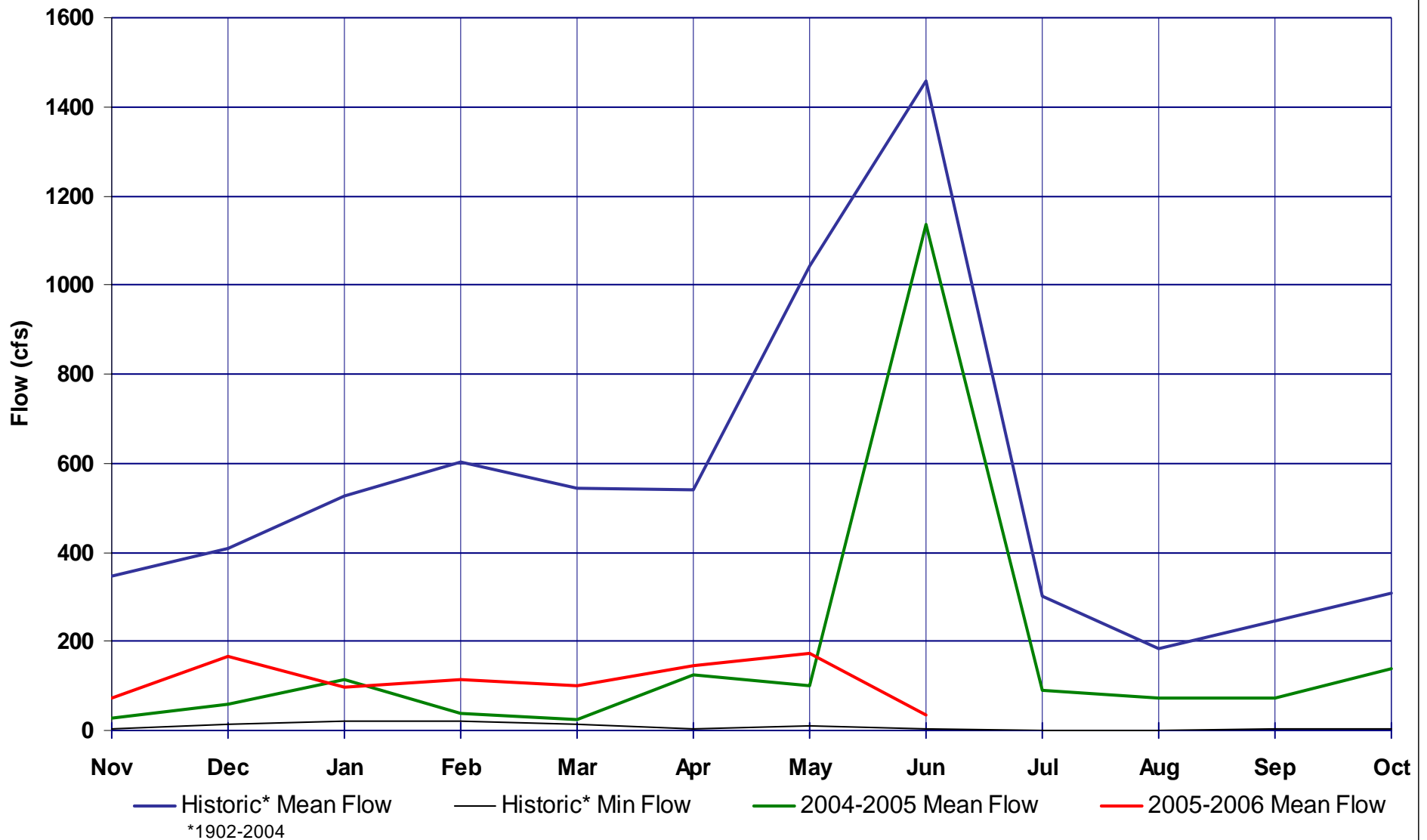
— Historic* Min Flow

— 2004-2005 Mean Flow

— 2005-2006 Mean Flow

South Platte River at Julesburg

Irrigation Water Year



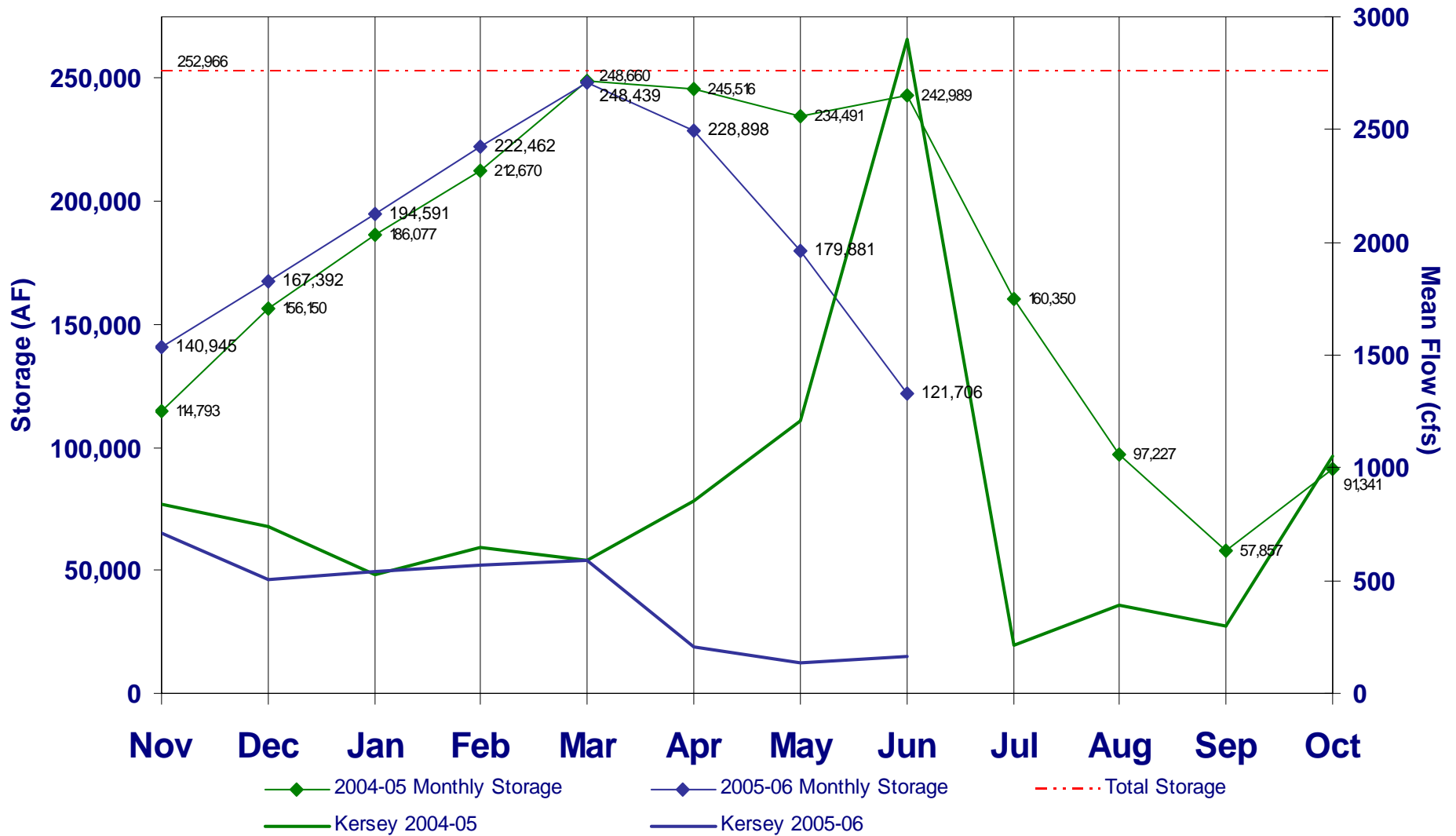
**Next four slides show Reservoir Storage
below and above Kersey**



**Garver Brown in Vidler
Tunnel
(photo by Jana Ash)**

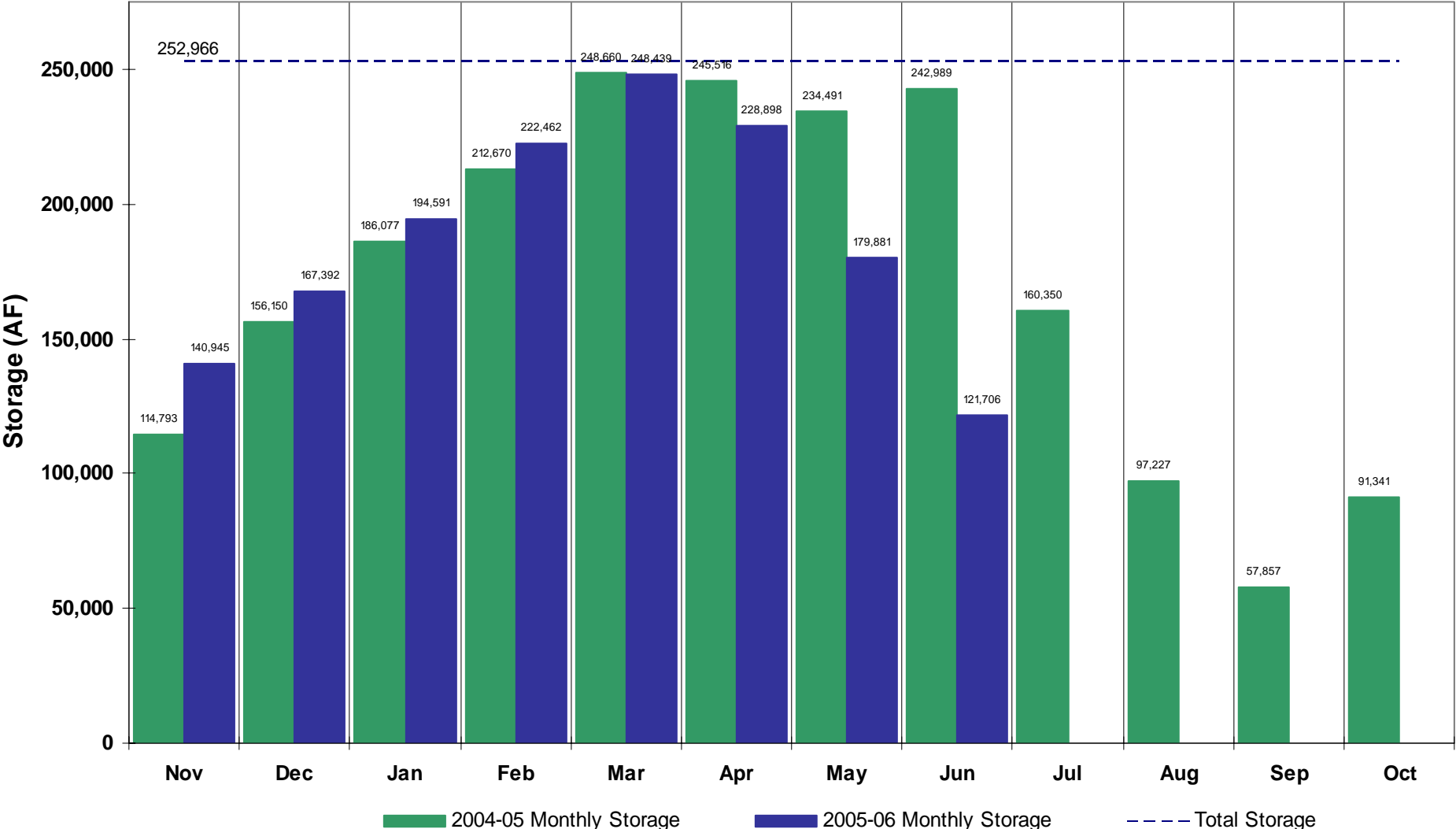
Reservoir Storage below Kersey

Selected Reservoirs*



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

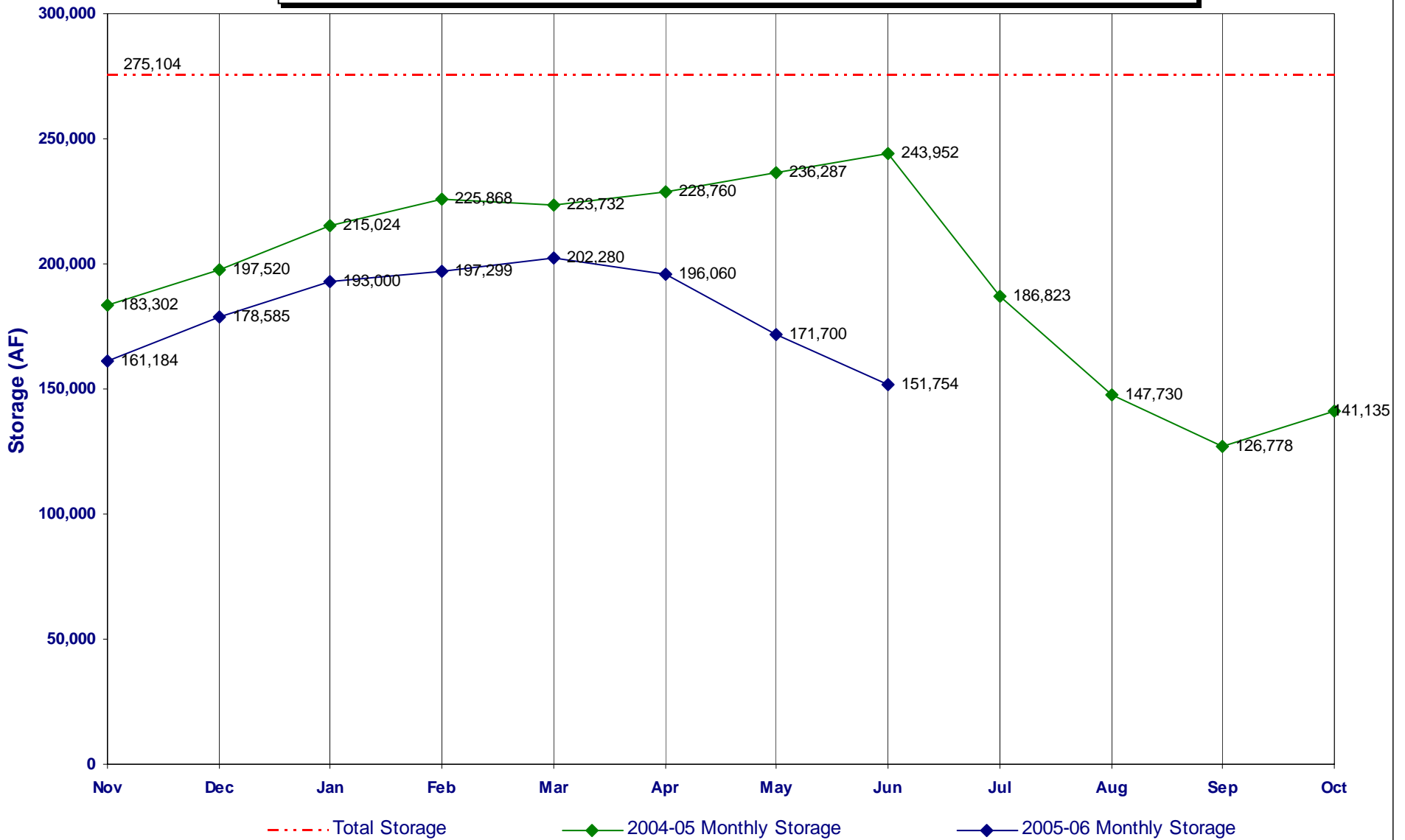
South Platte Reservoirs Storage below Kersey*



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

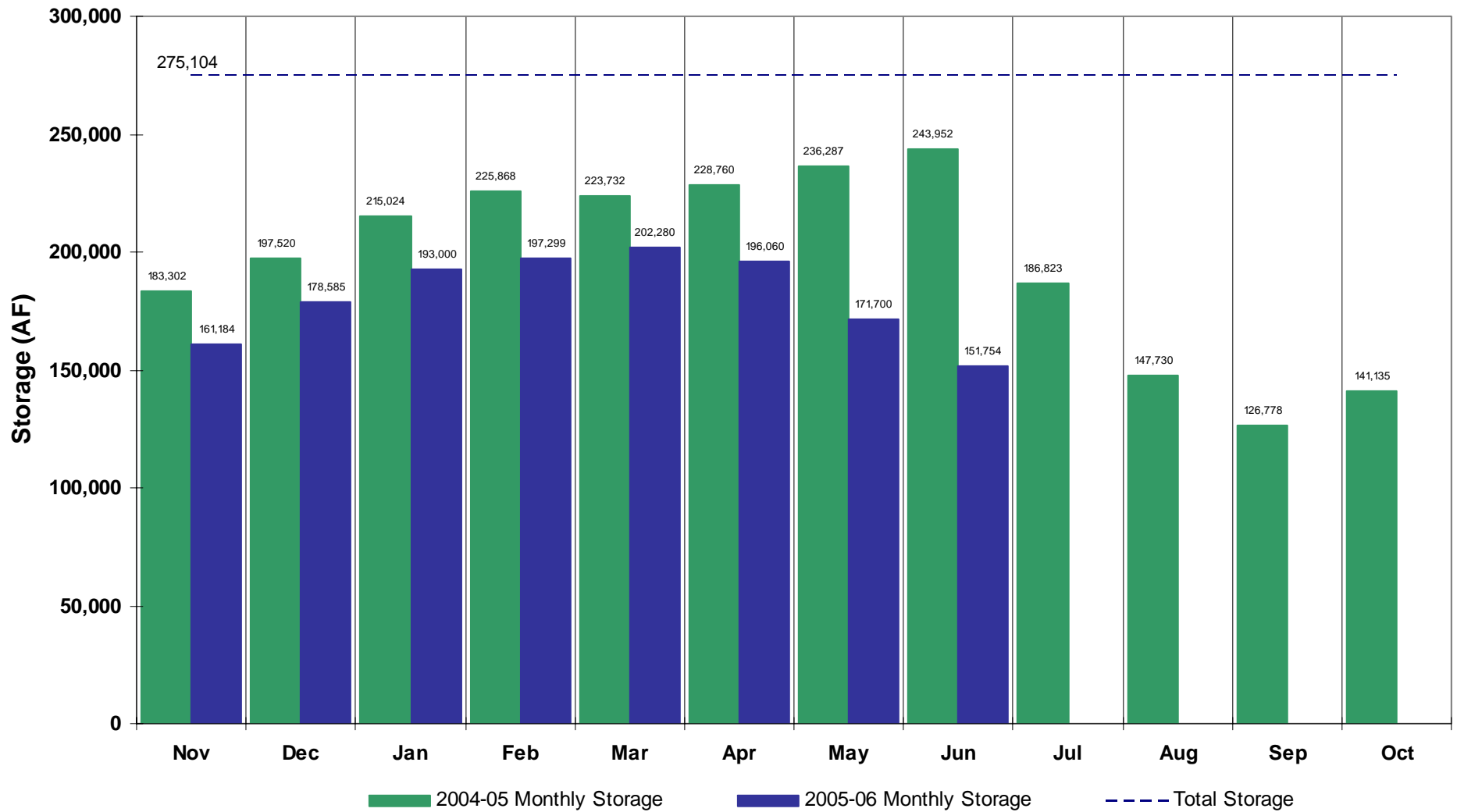
Reservoir Storage above Kersey

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

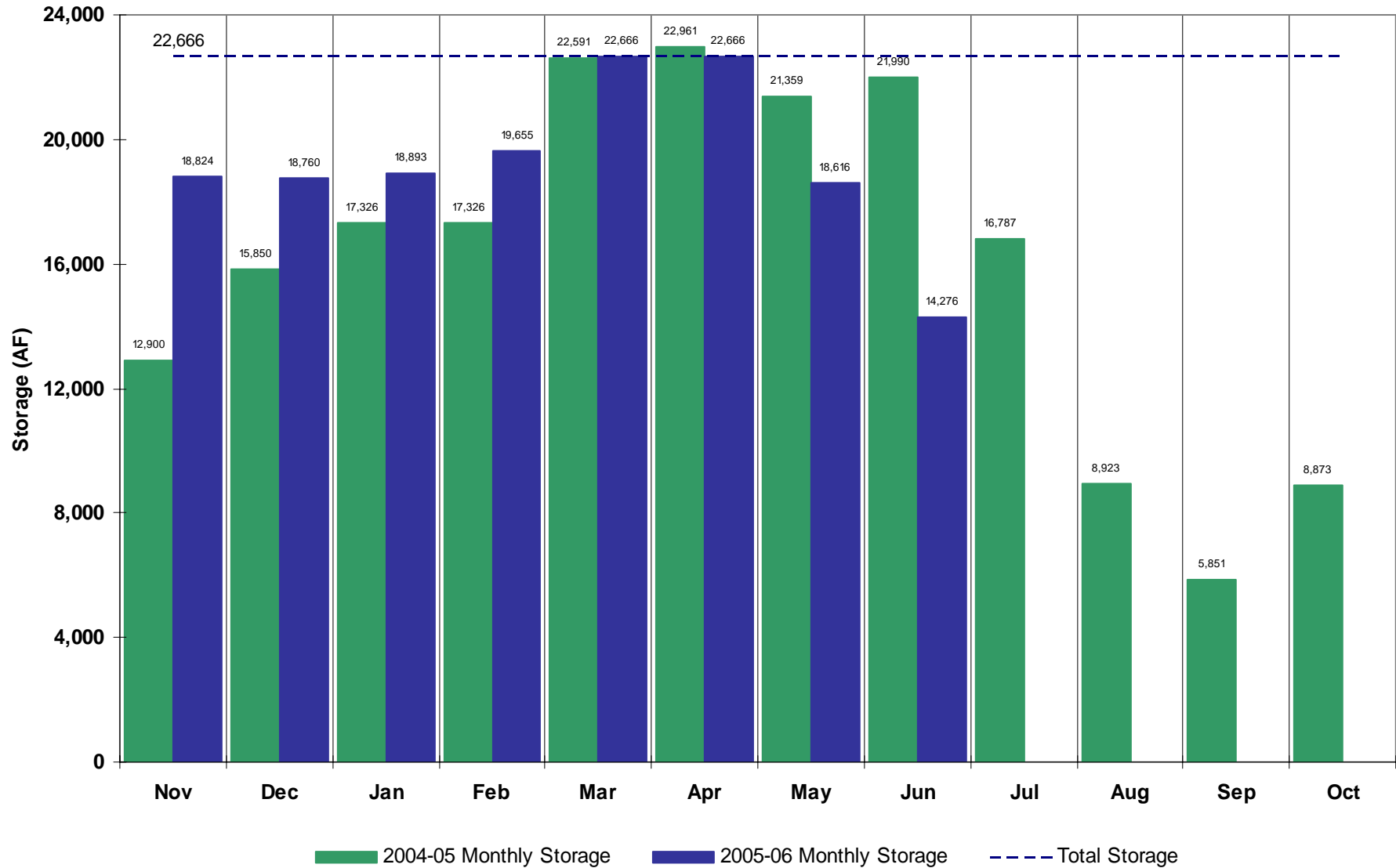
Individual Reservoir Storage Follows



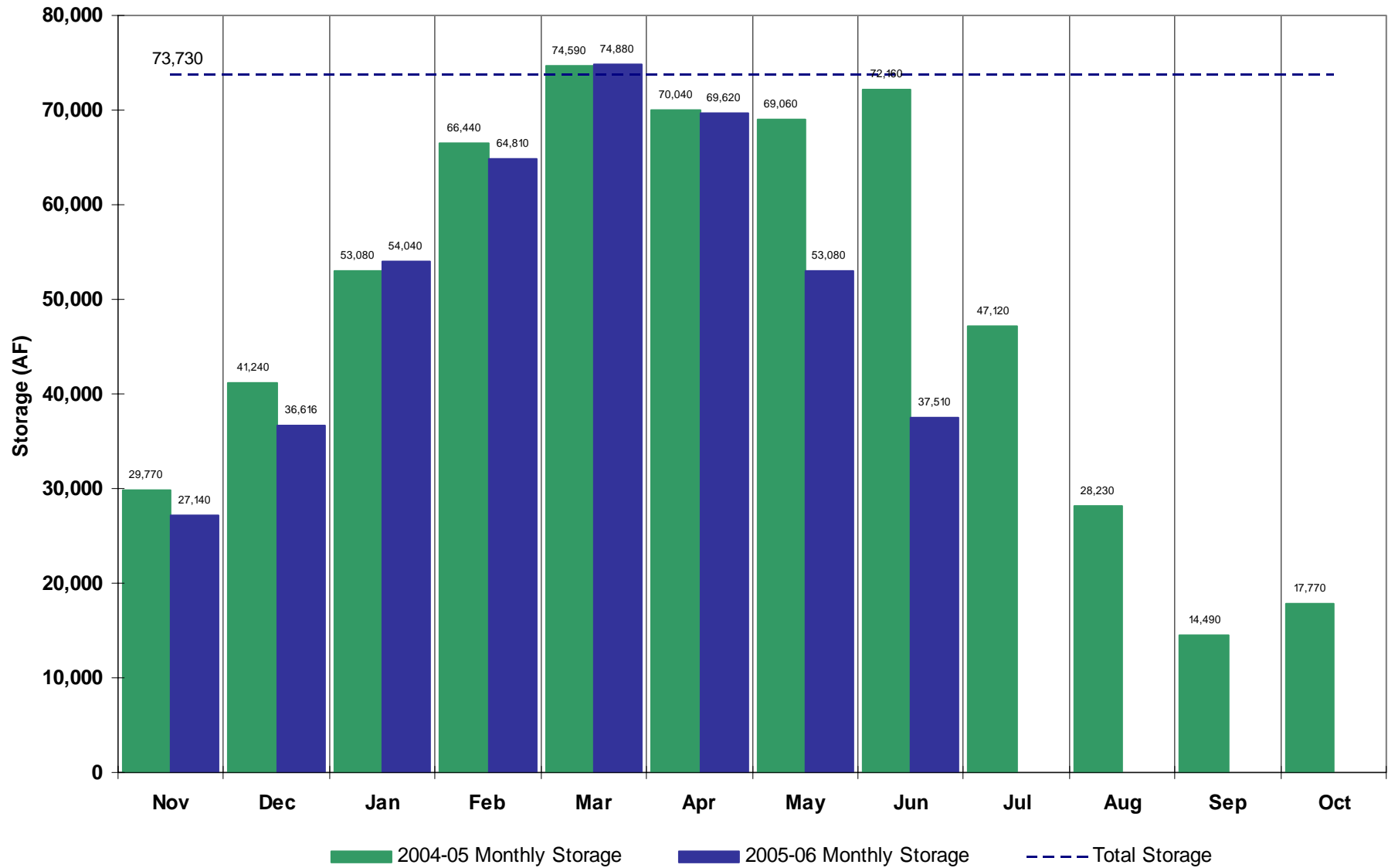
Chatfield Reservoir
(photo by Claudia Engelmann)

Julesburg Reservoir

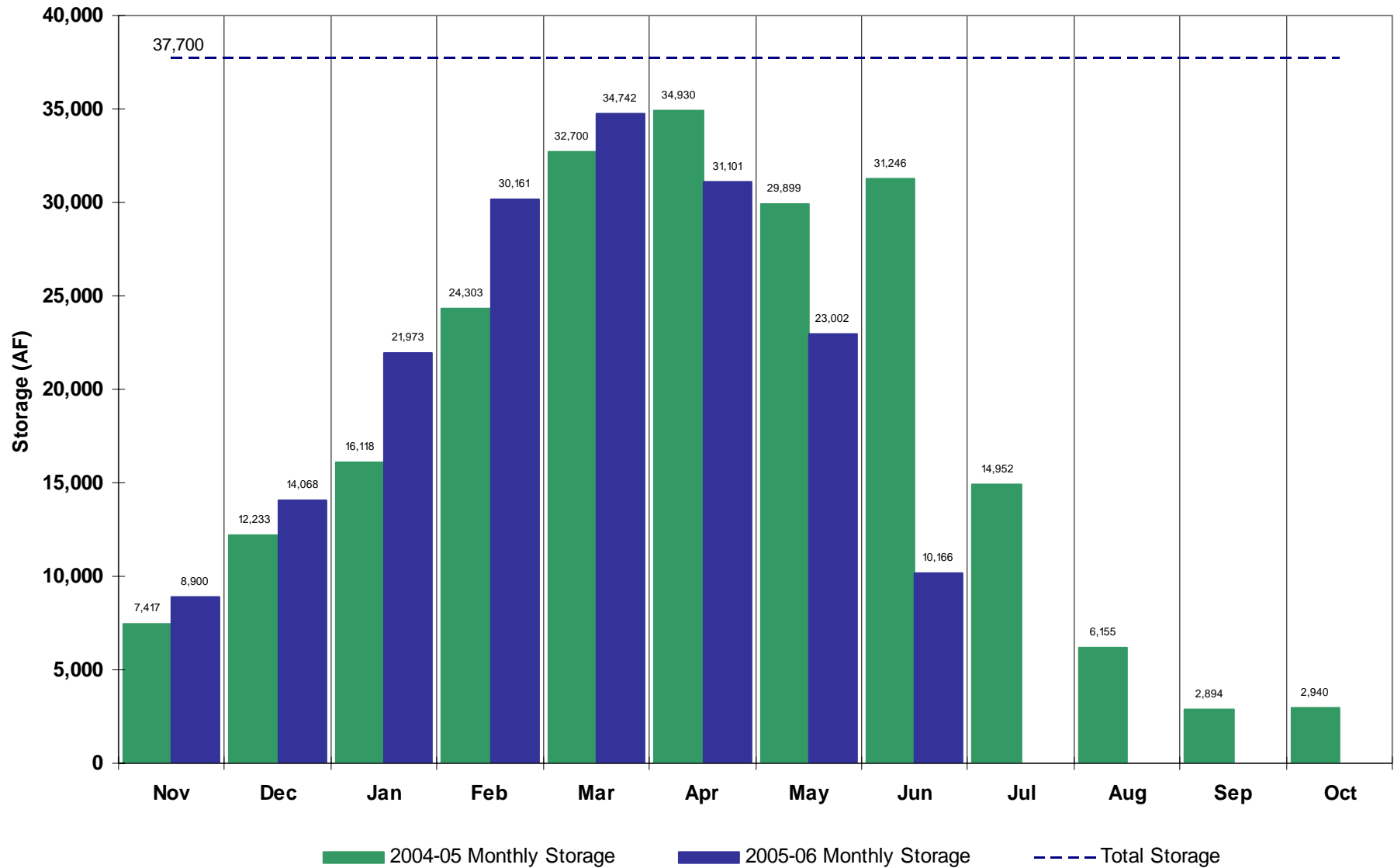
(Agricultural)



North Sterling Reservoir (Agricultural)

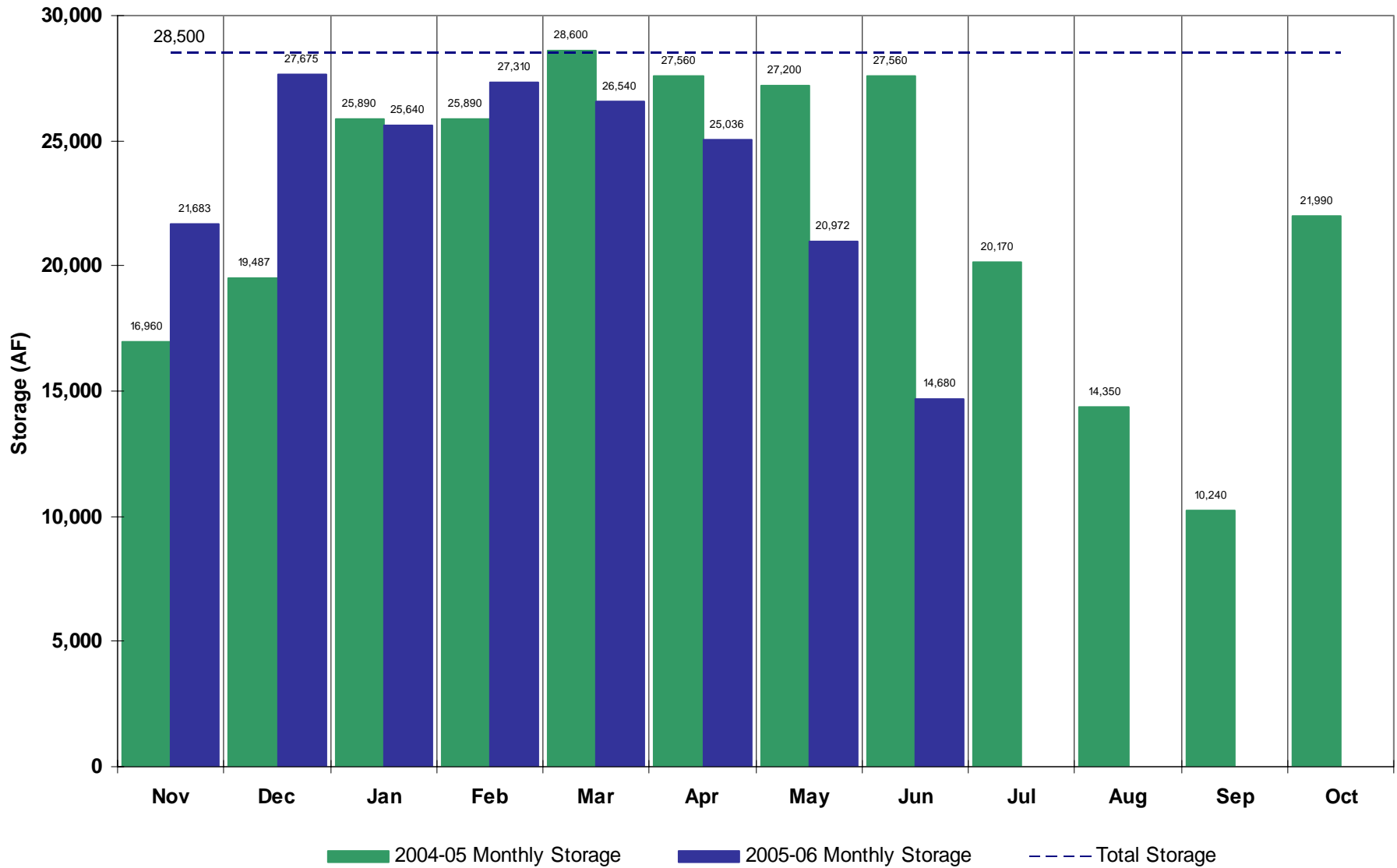


Empire Reservoir (Agricultural)



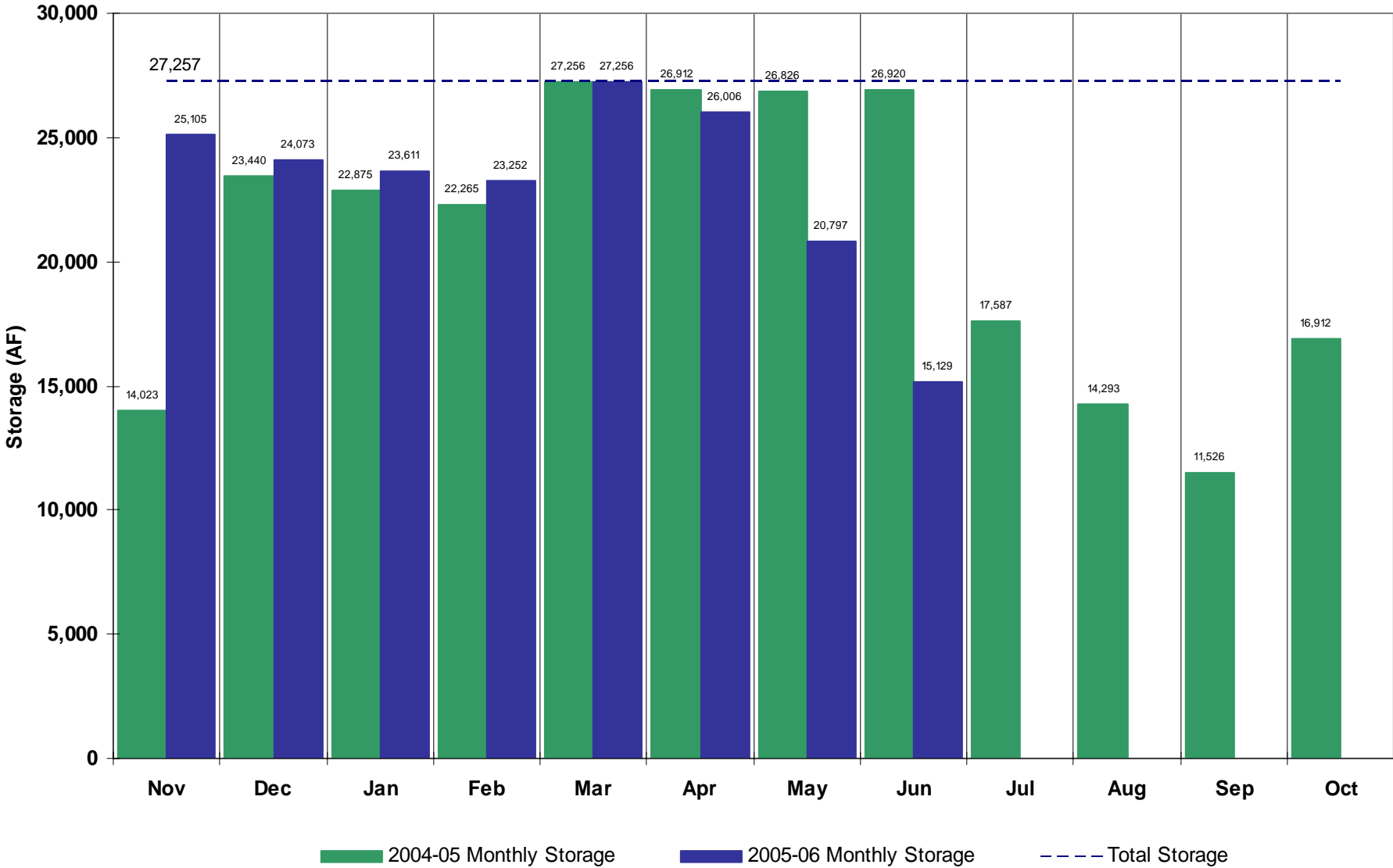
Prewitt Reservoir

(Agricultural)



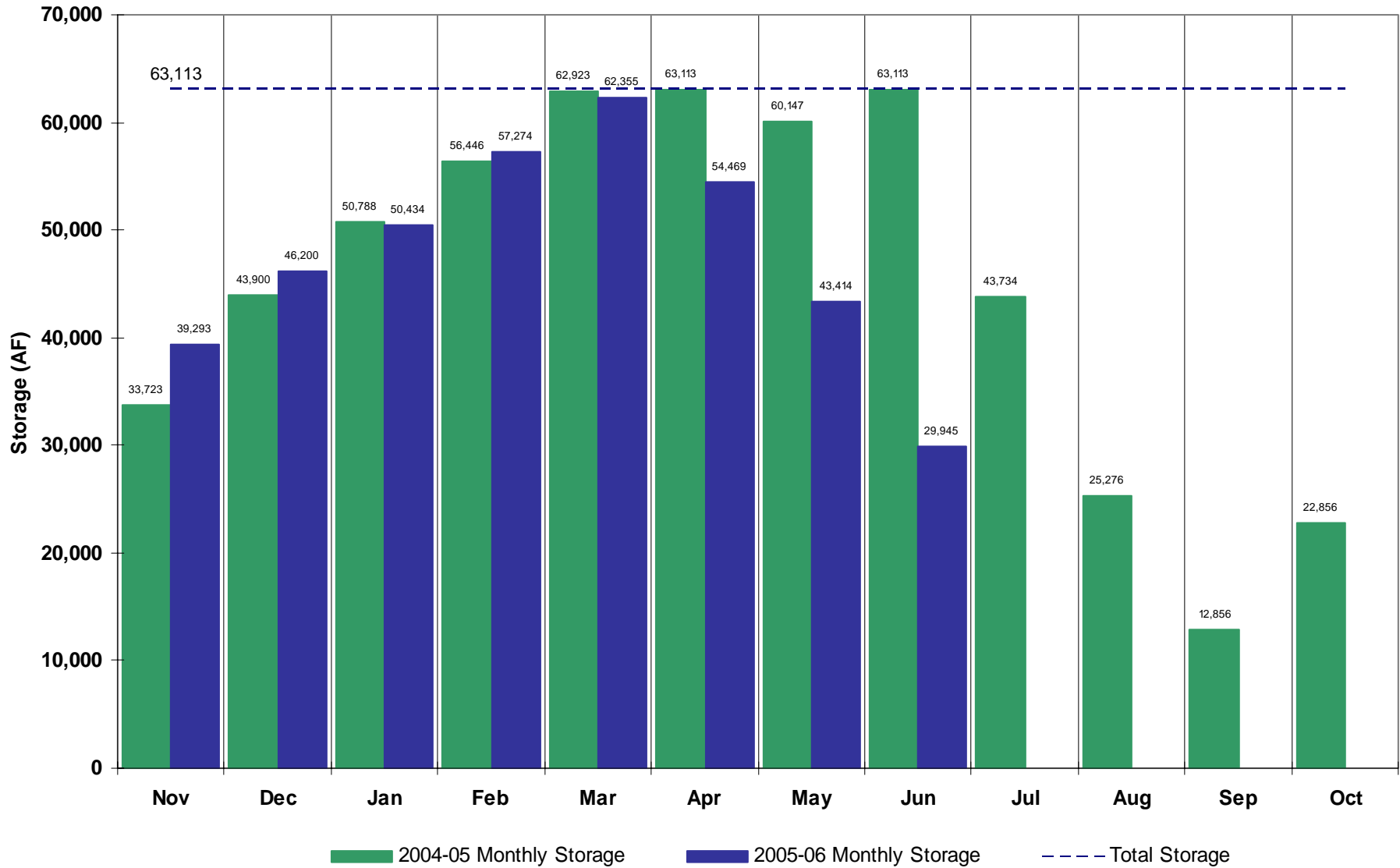
Jackson Reservoir

(Agricultural)

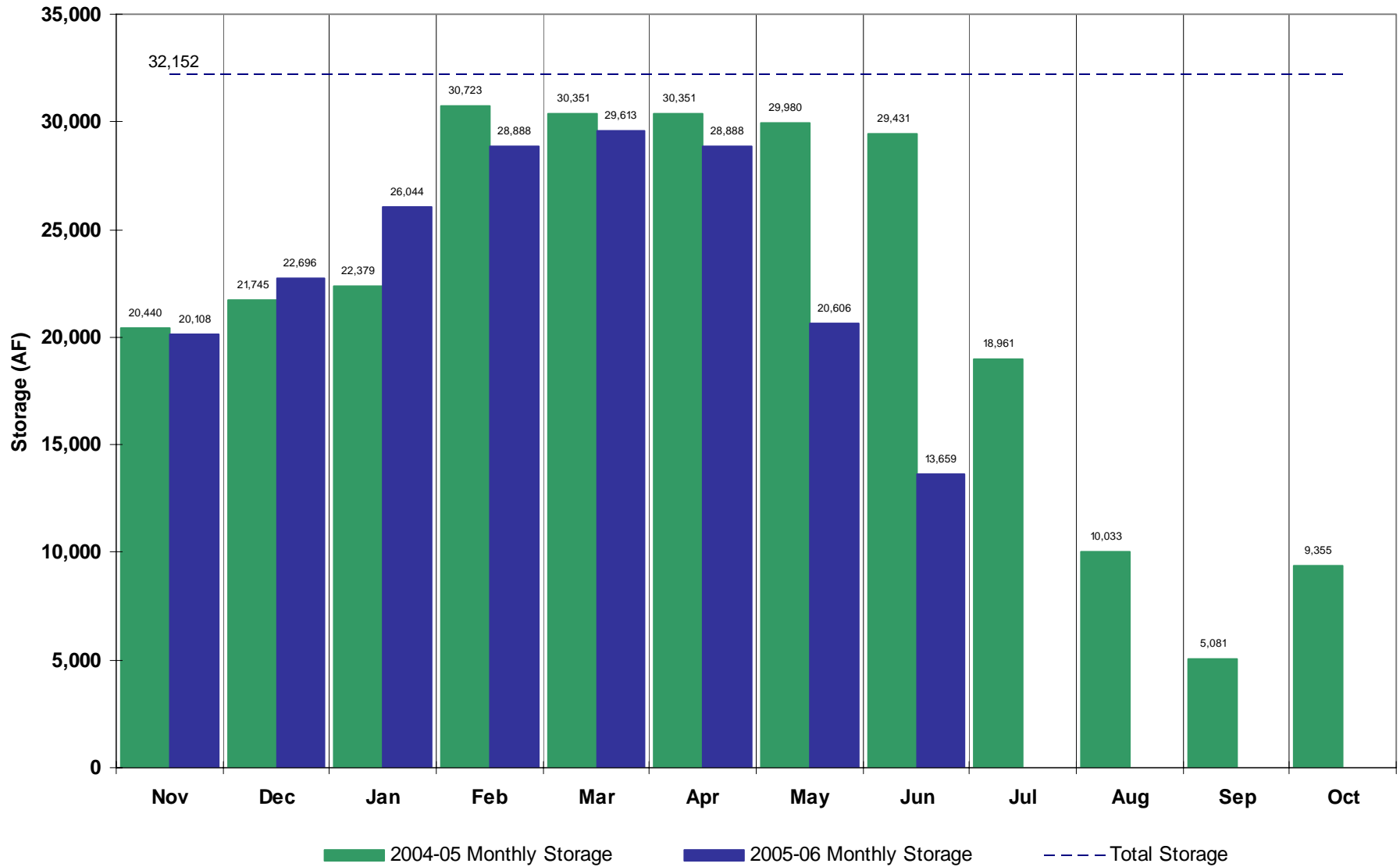


Riverside Reservoir

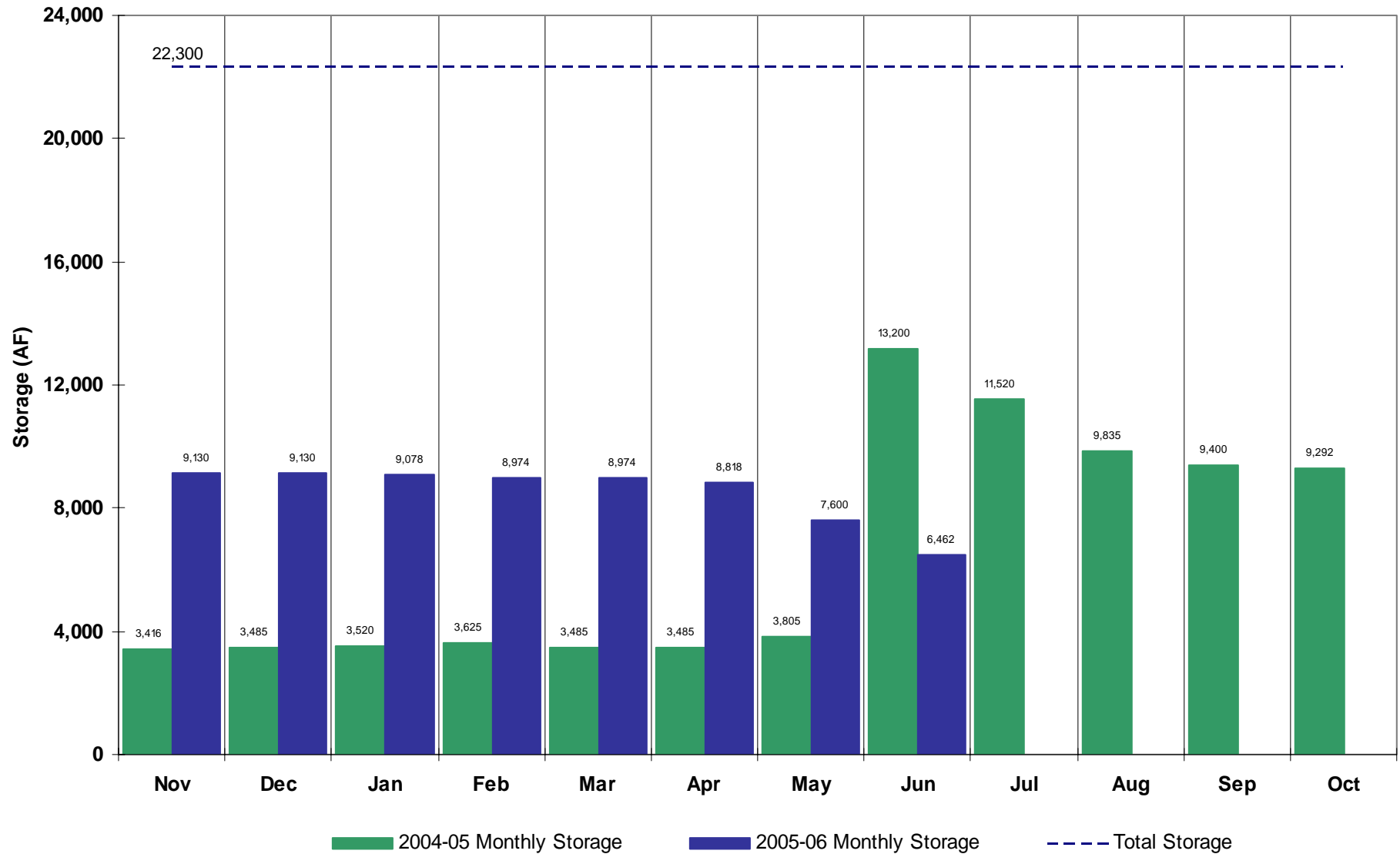
(Agricultural)



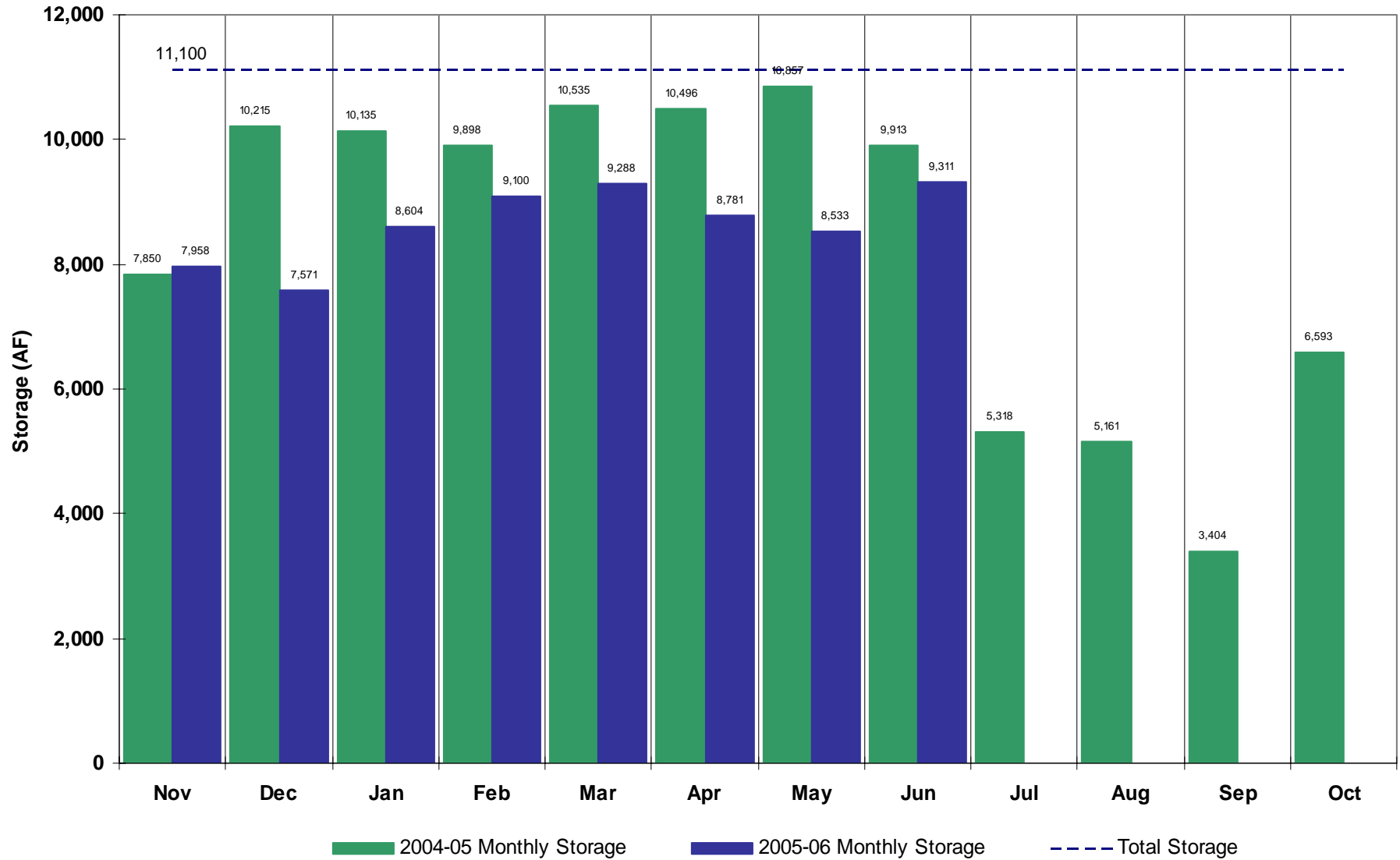
Barr Lake (Agricultural)



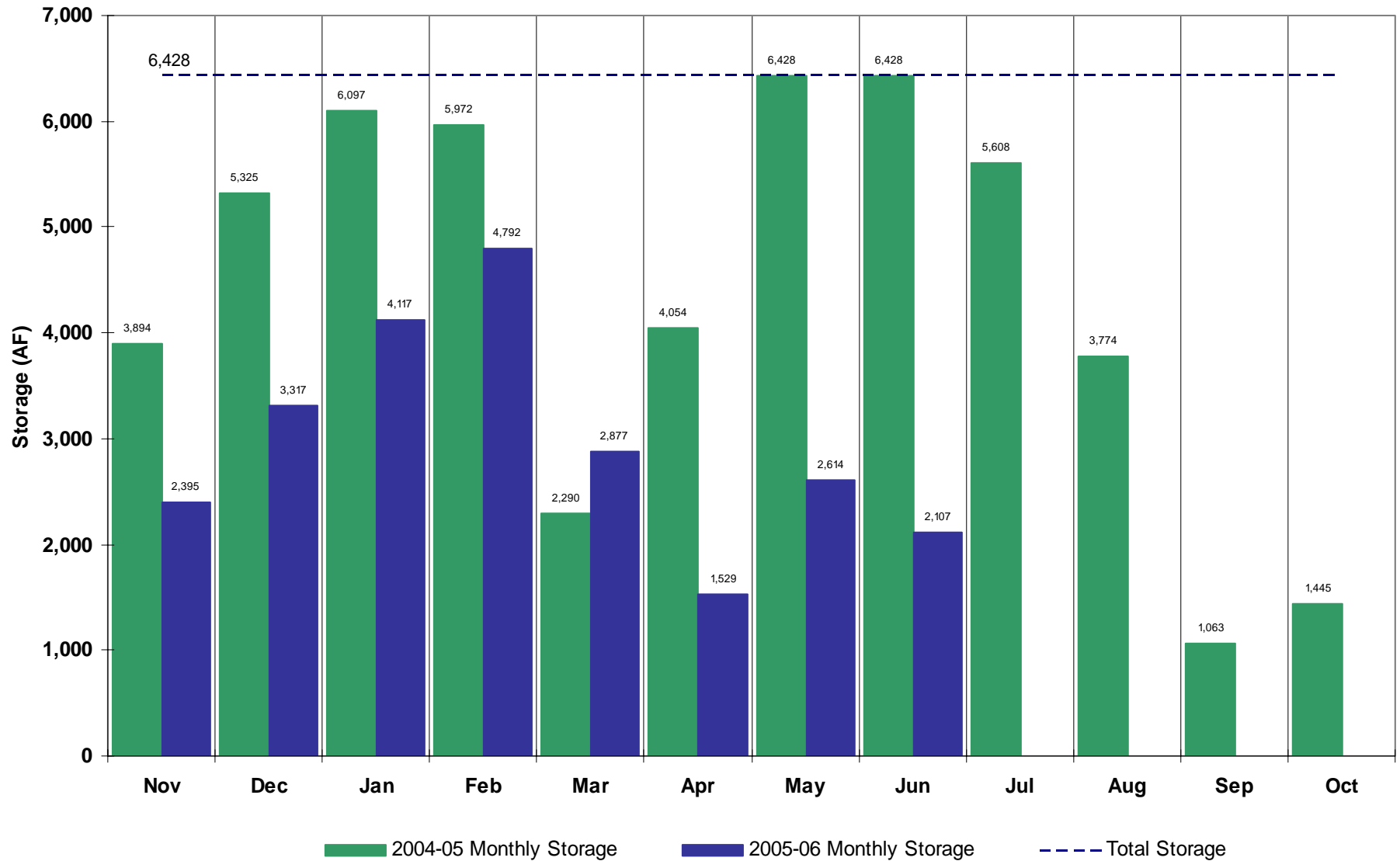
Cobb Lake (Agricultural)



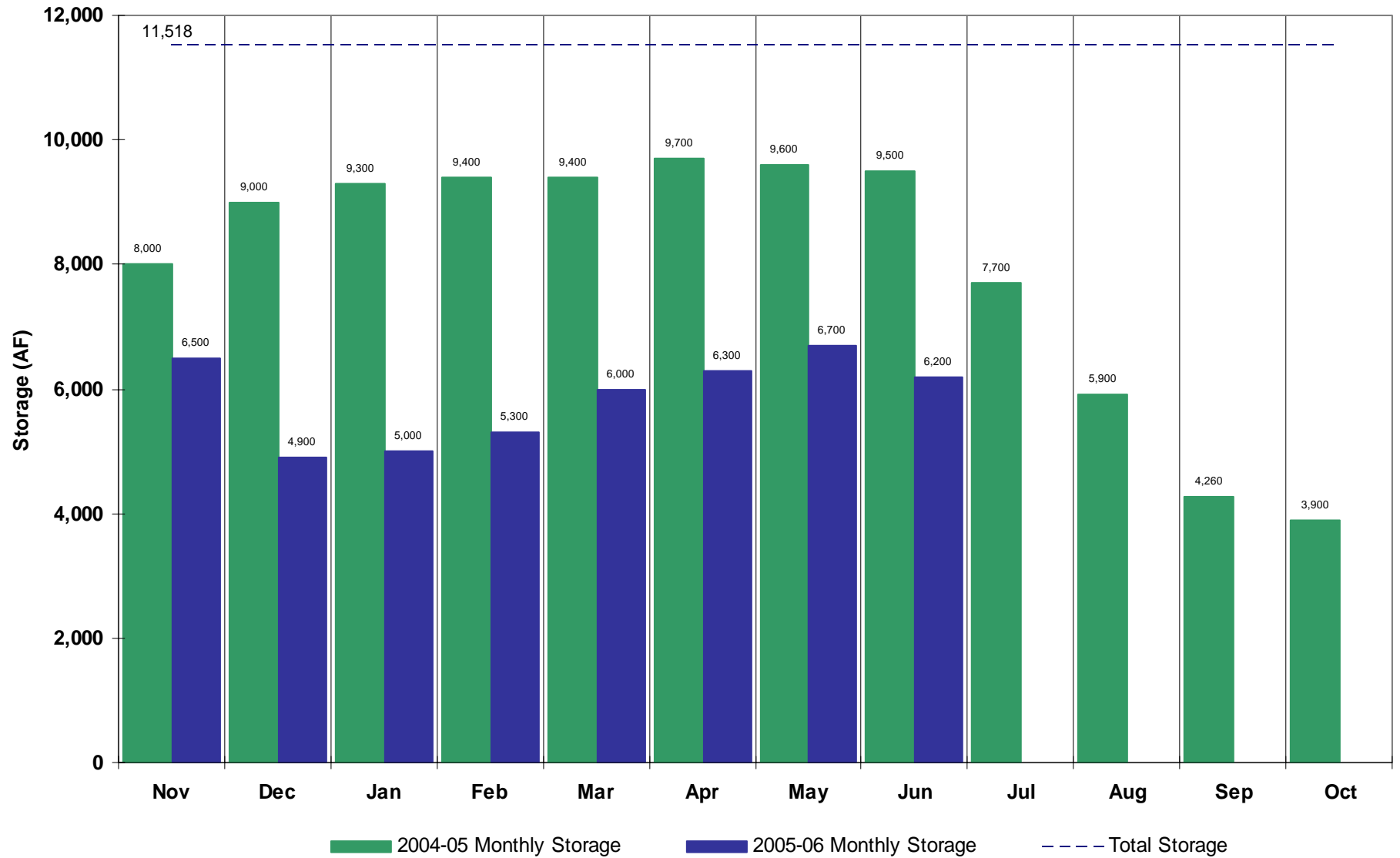
Fossil Creek Reservoir (Agricultural)



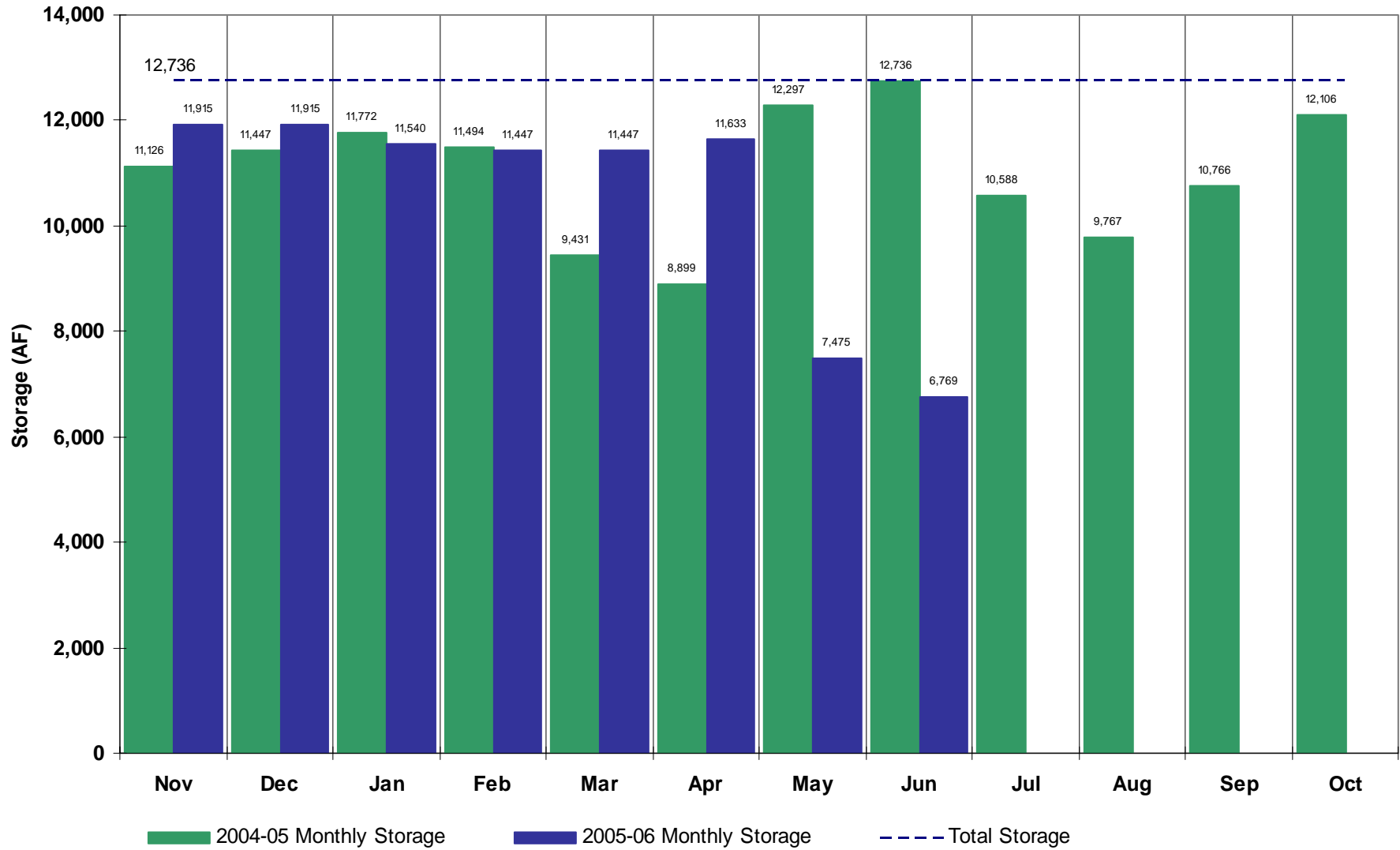
Halligan Reservoir (Agricultural)



Marshall Lake (Agricultural)

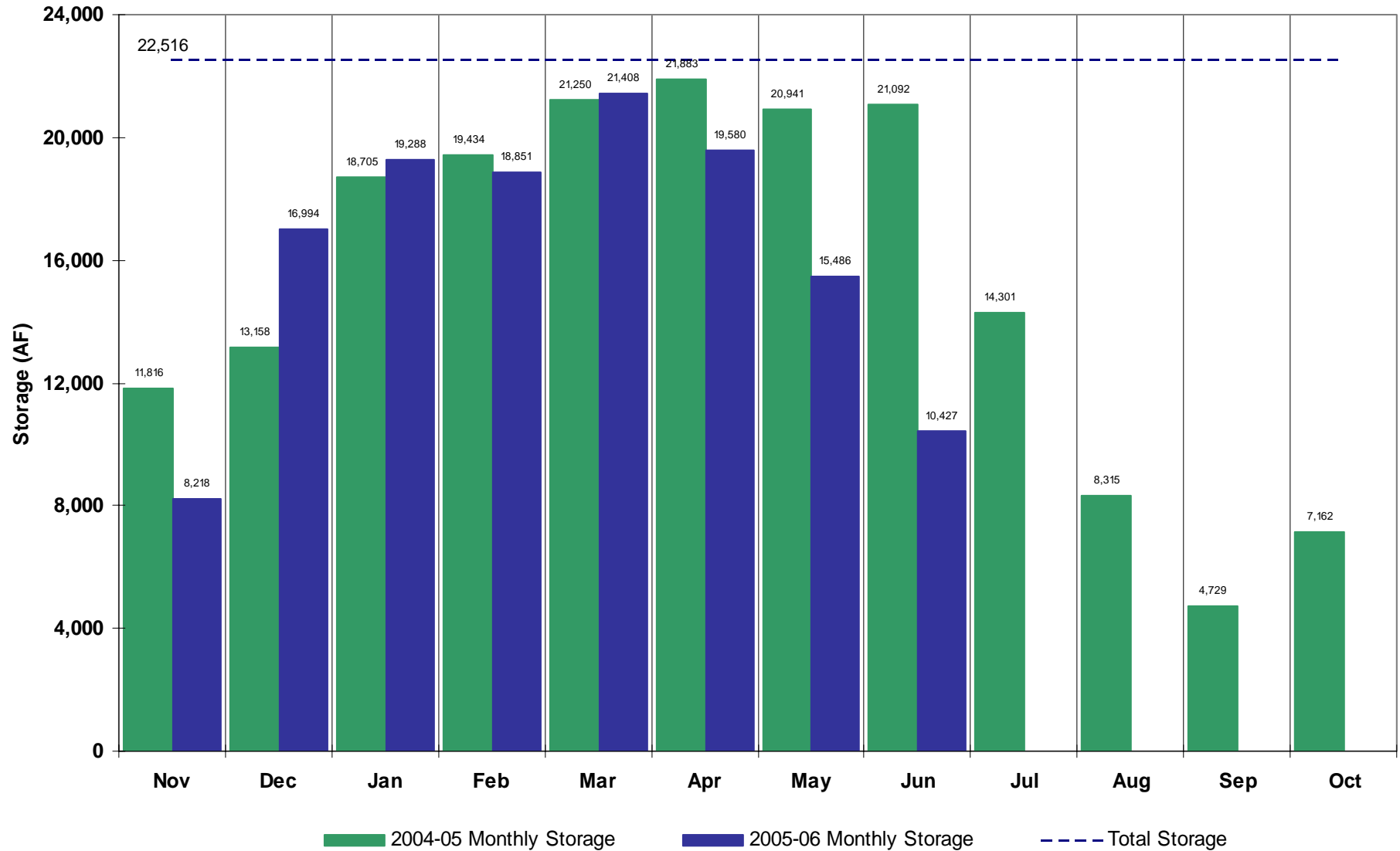


Loveland Greeley Reservoir (Agricultural)

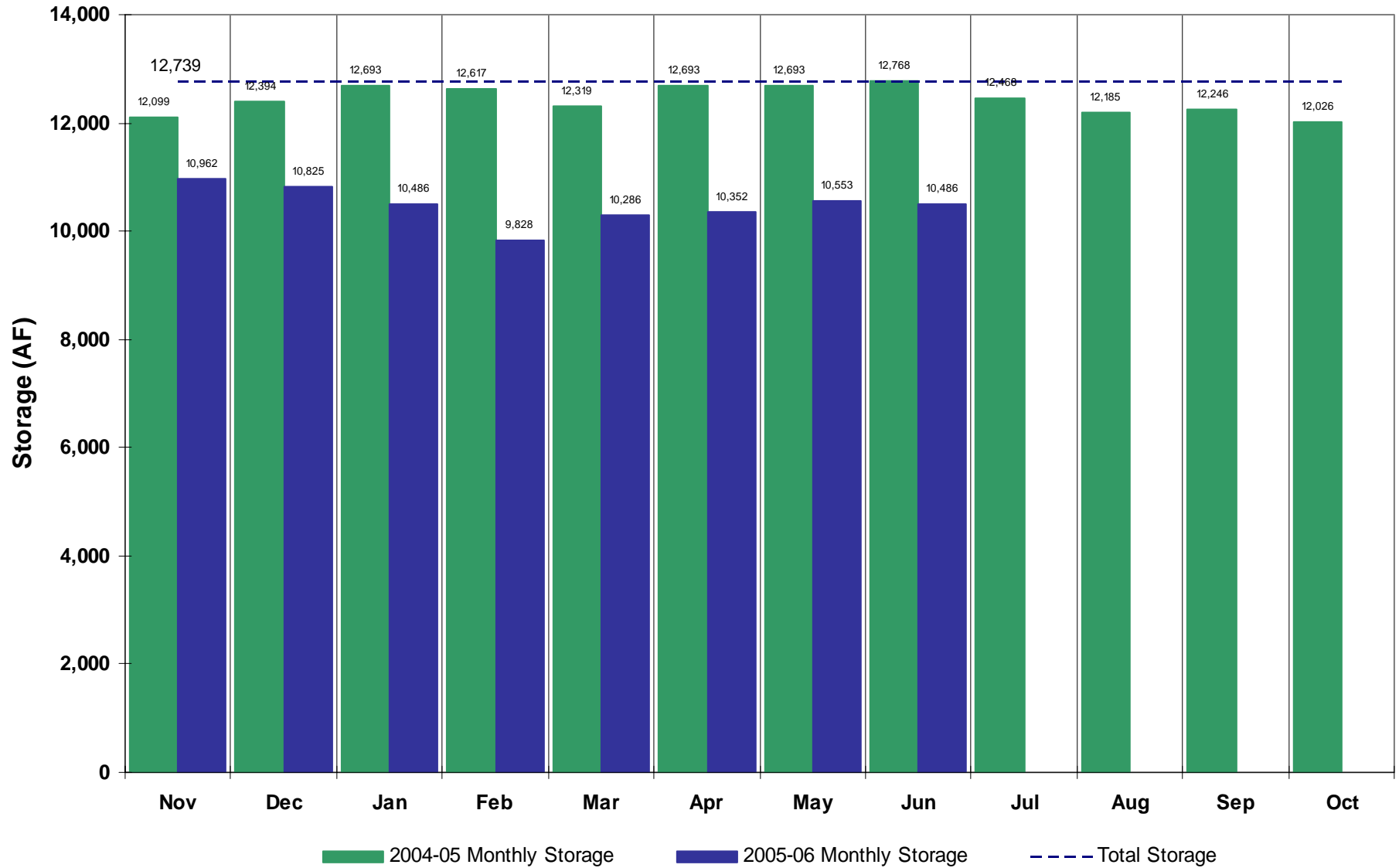


Milton Reservoir

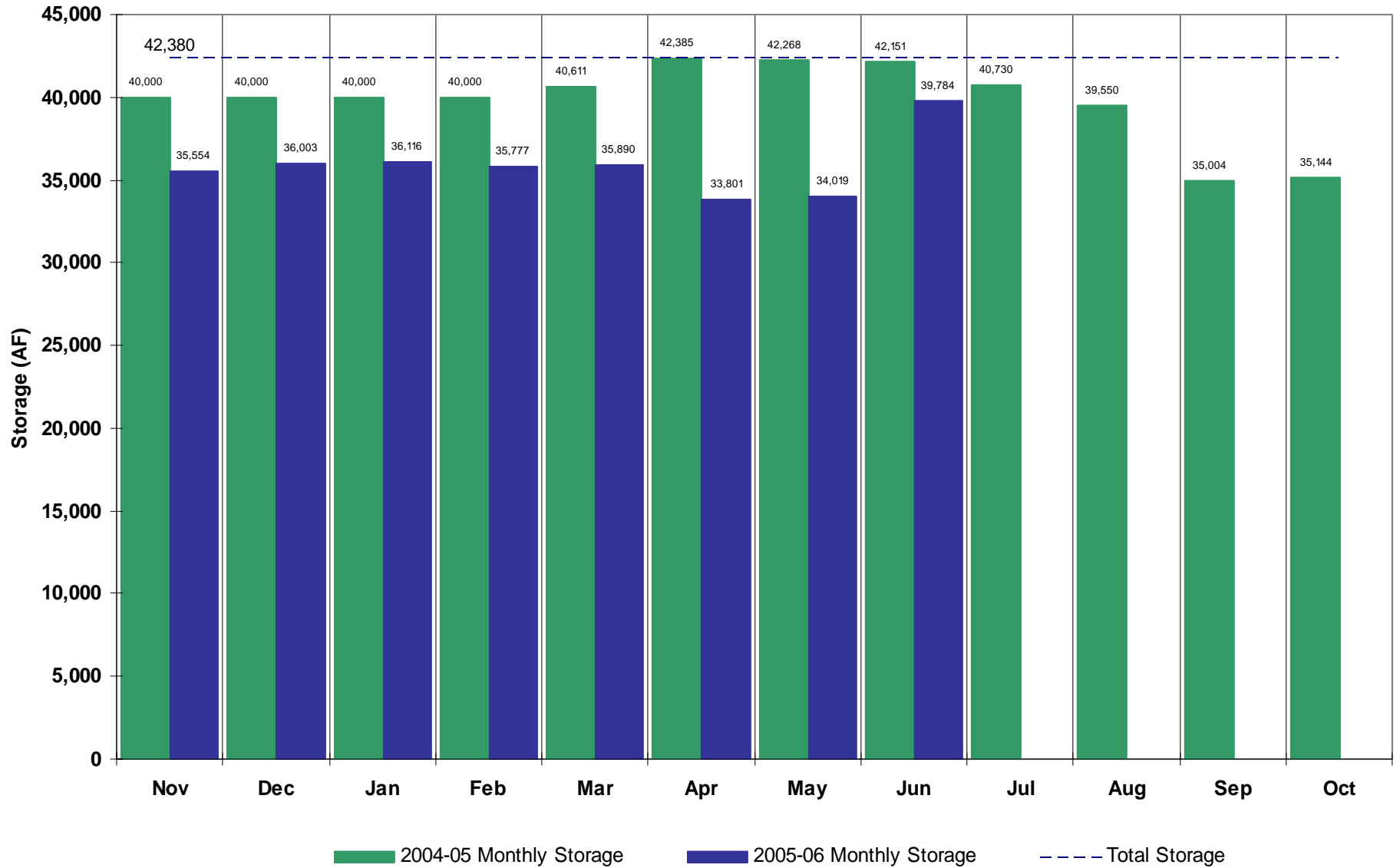
(Agricultural)



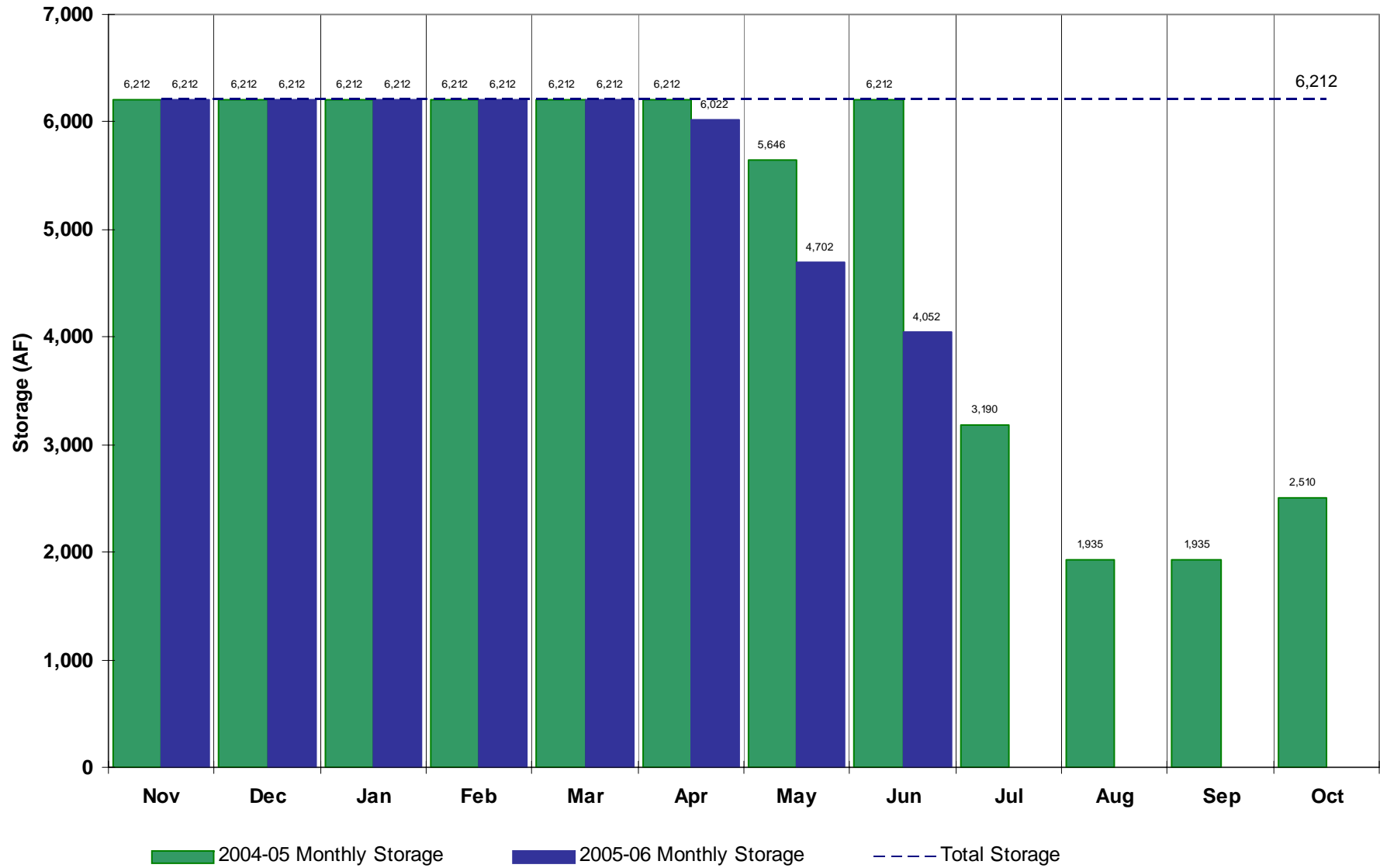
Union Reservoir (Agricultural)



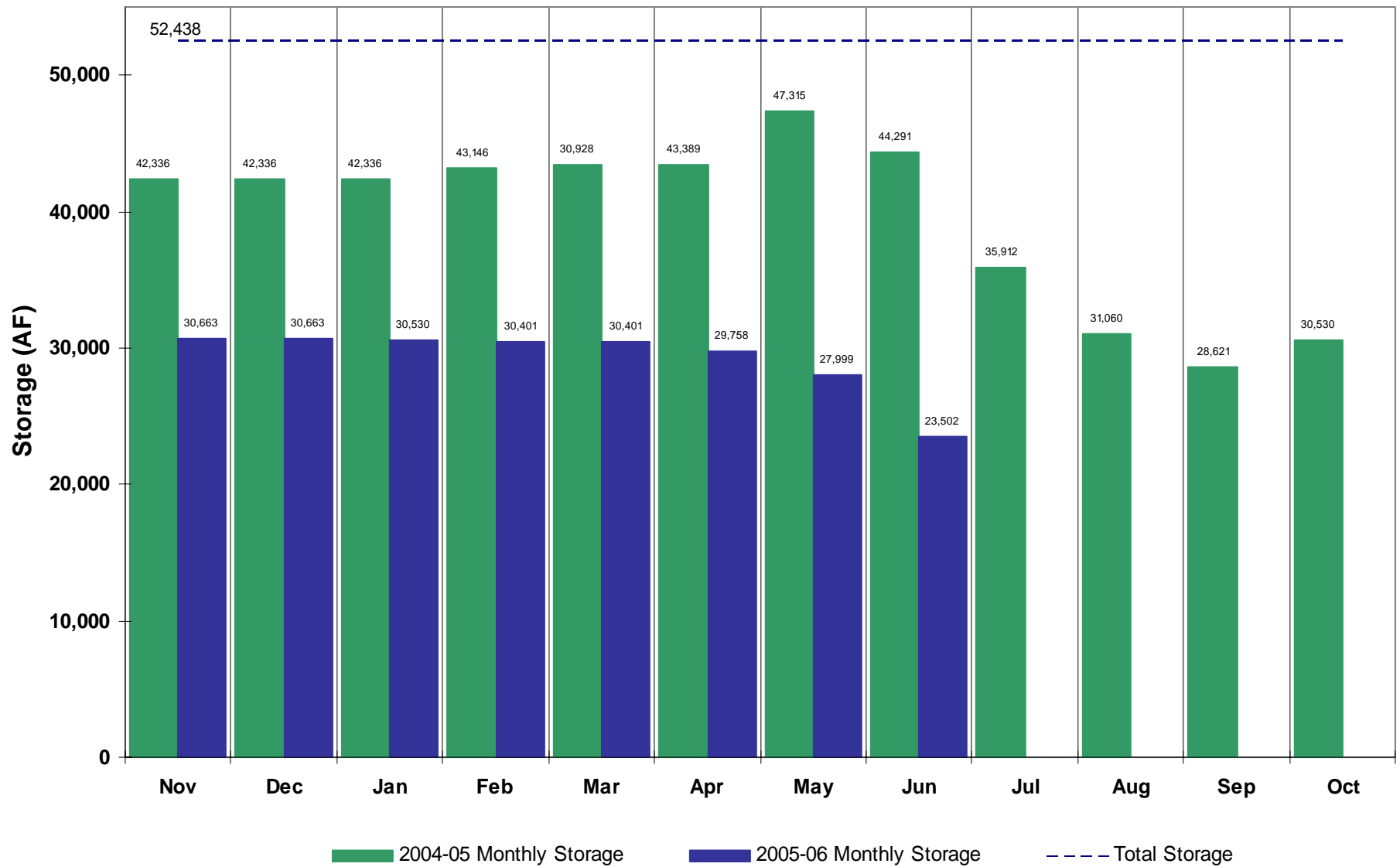
Standley Lake (Agricultural)



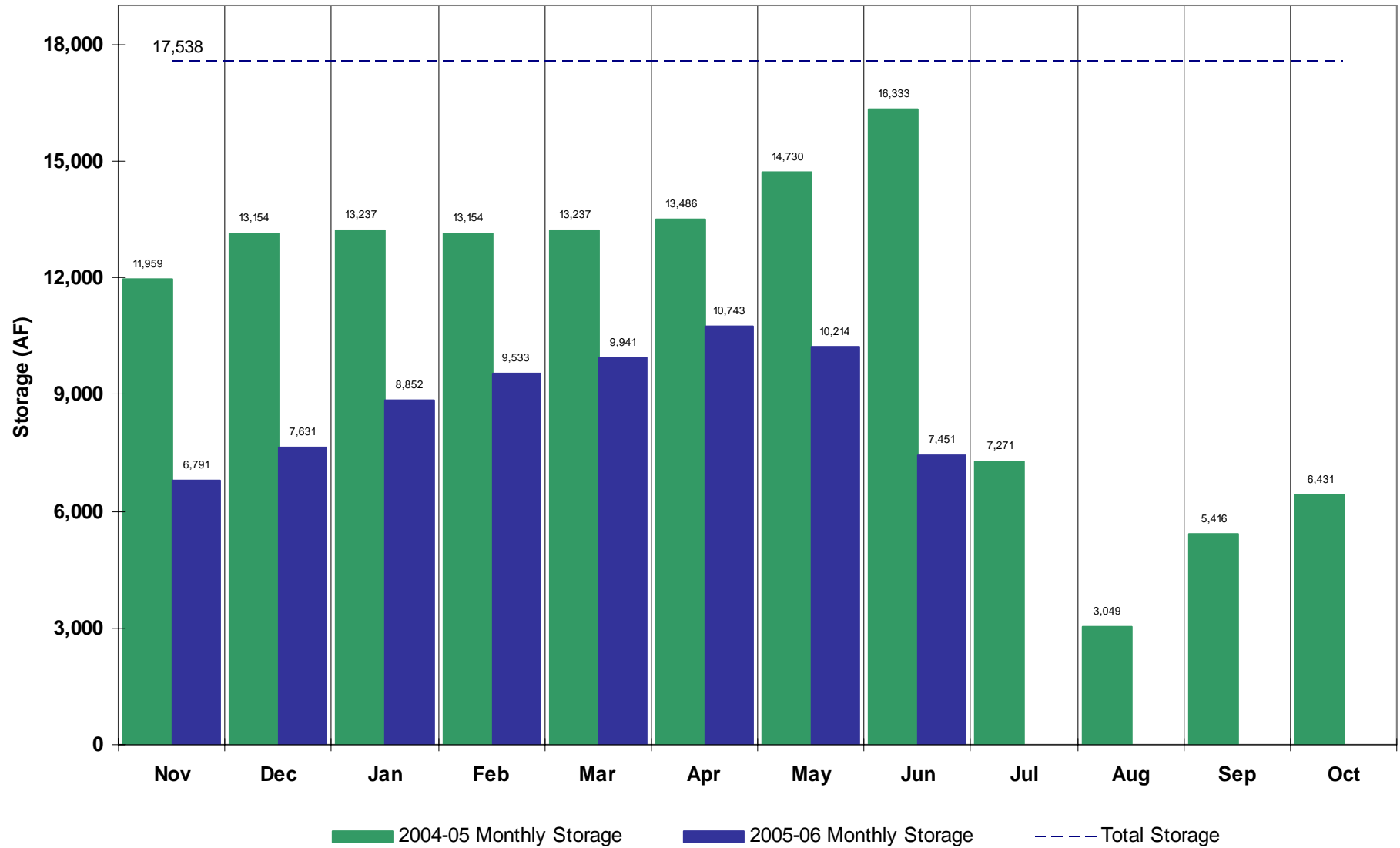
Lower Latham Reservoir (Agricultural)



Boyd Lake (Agricultural)

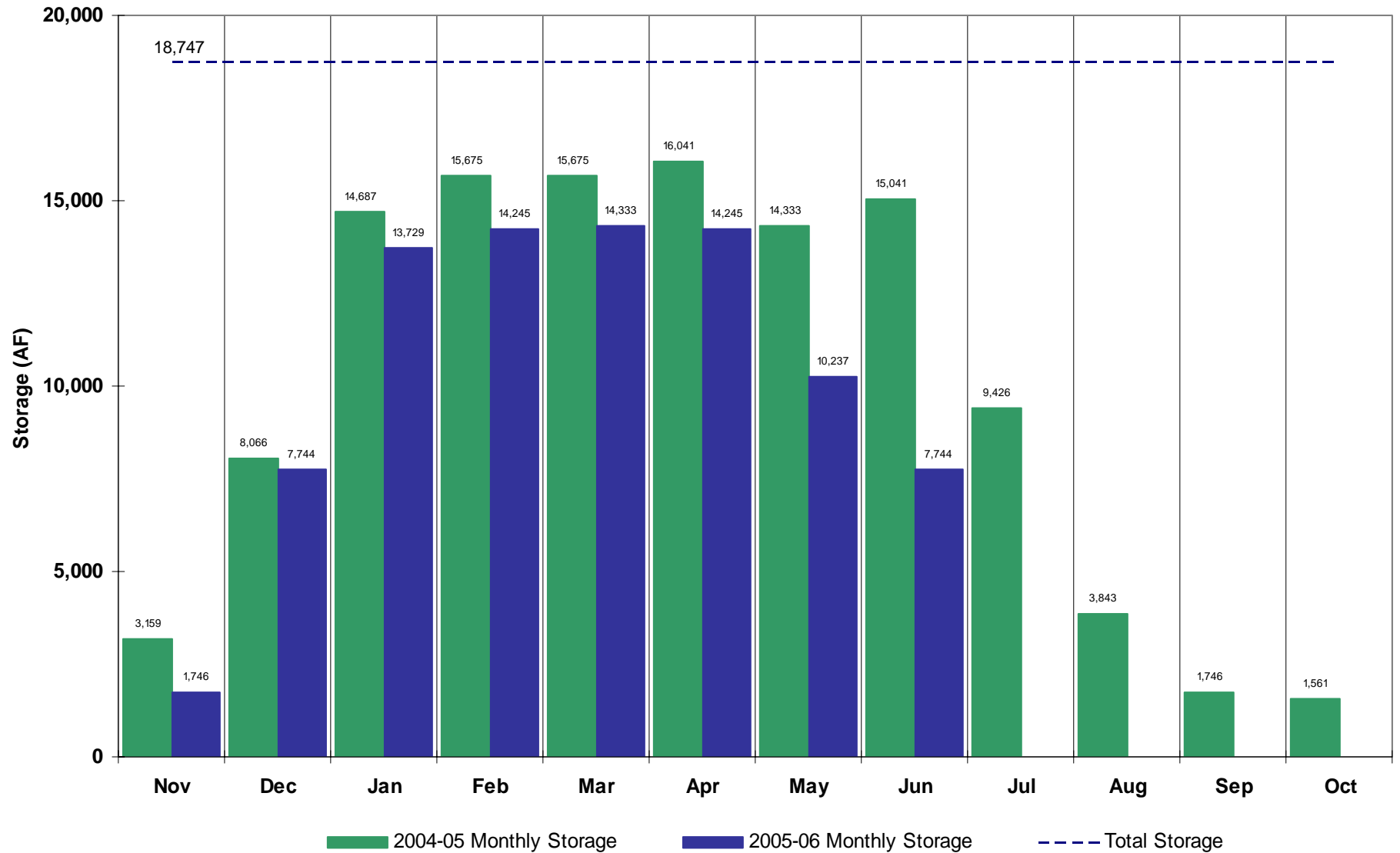


Windsor Reservoir (Agricultural)

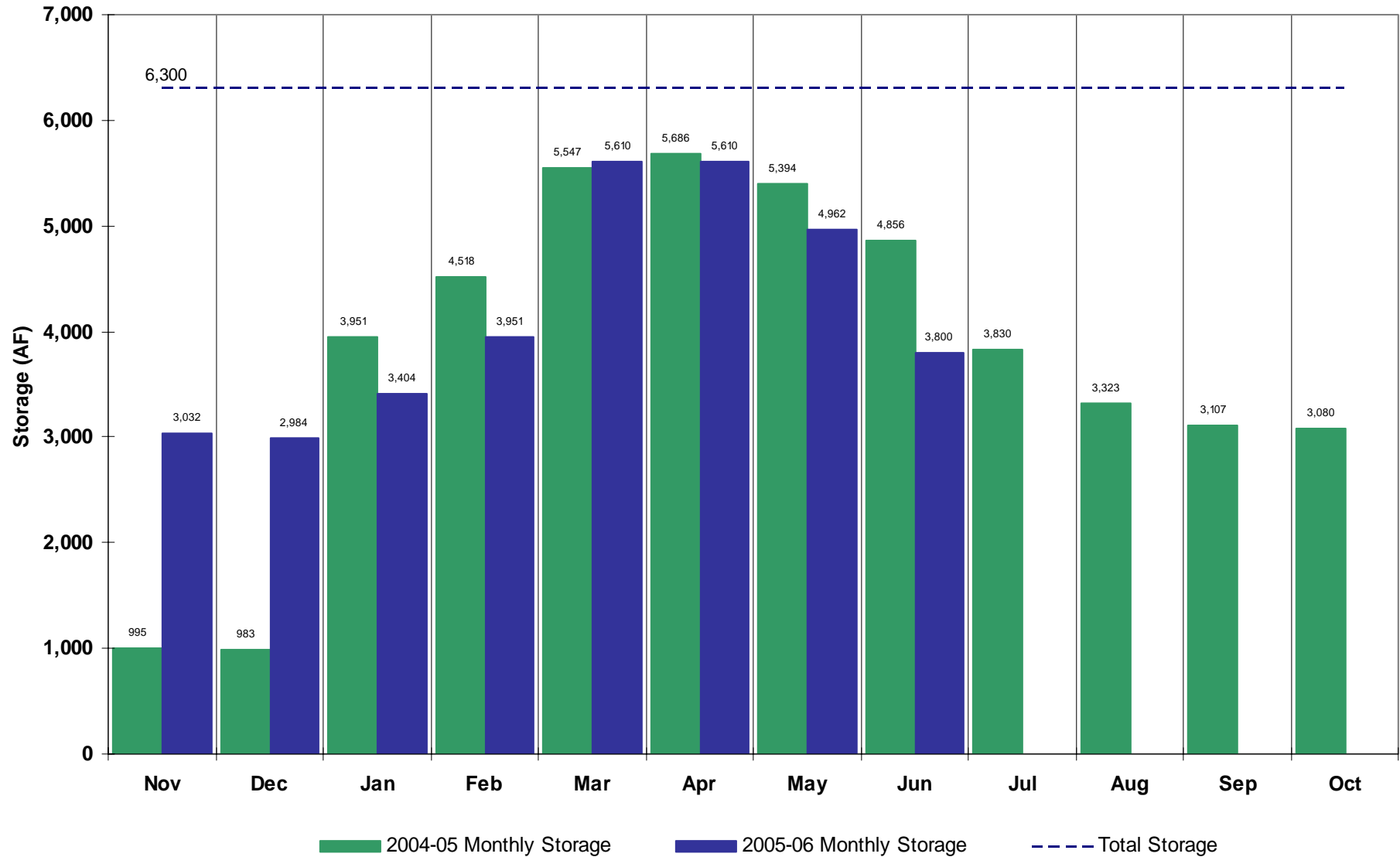


Horse Creek Reservoir

(Agricultural)

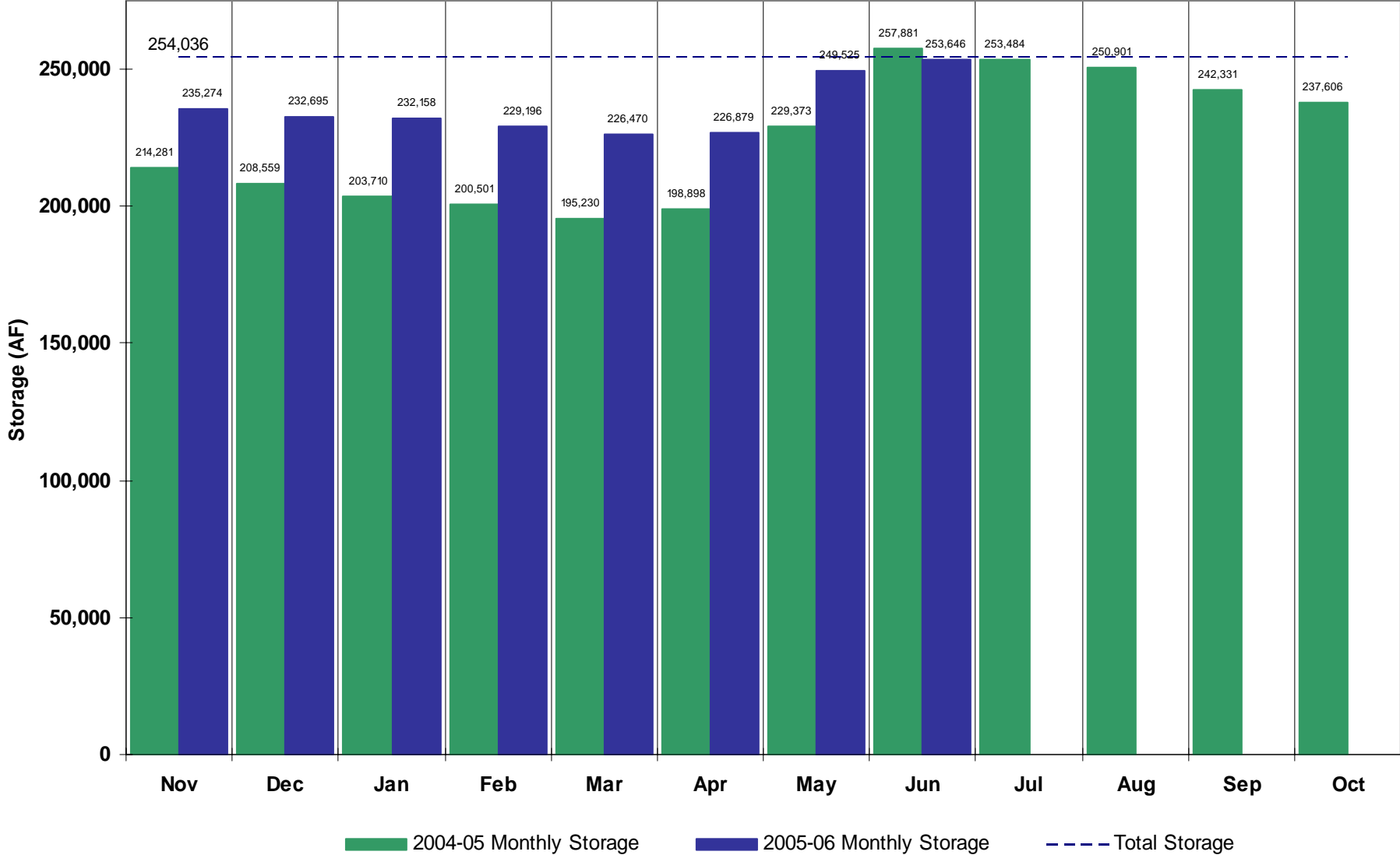


Prospect Reservoir (Agricultural)

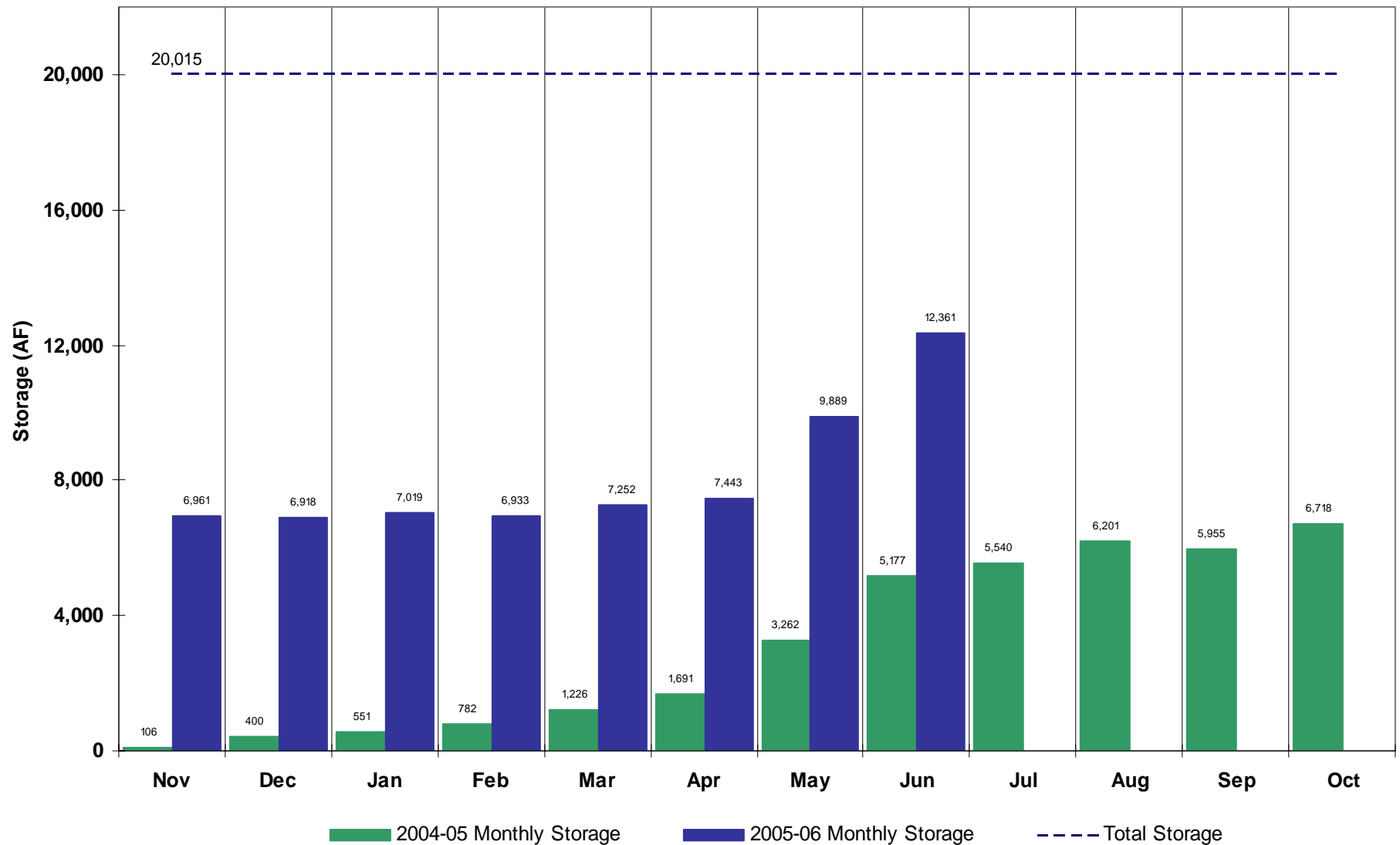


Dillon Reservoir

(Municipal)

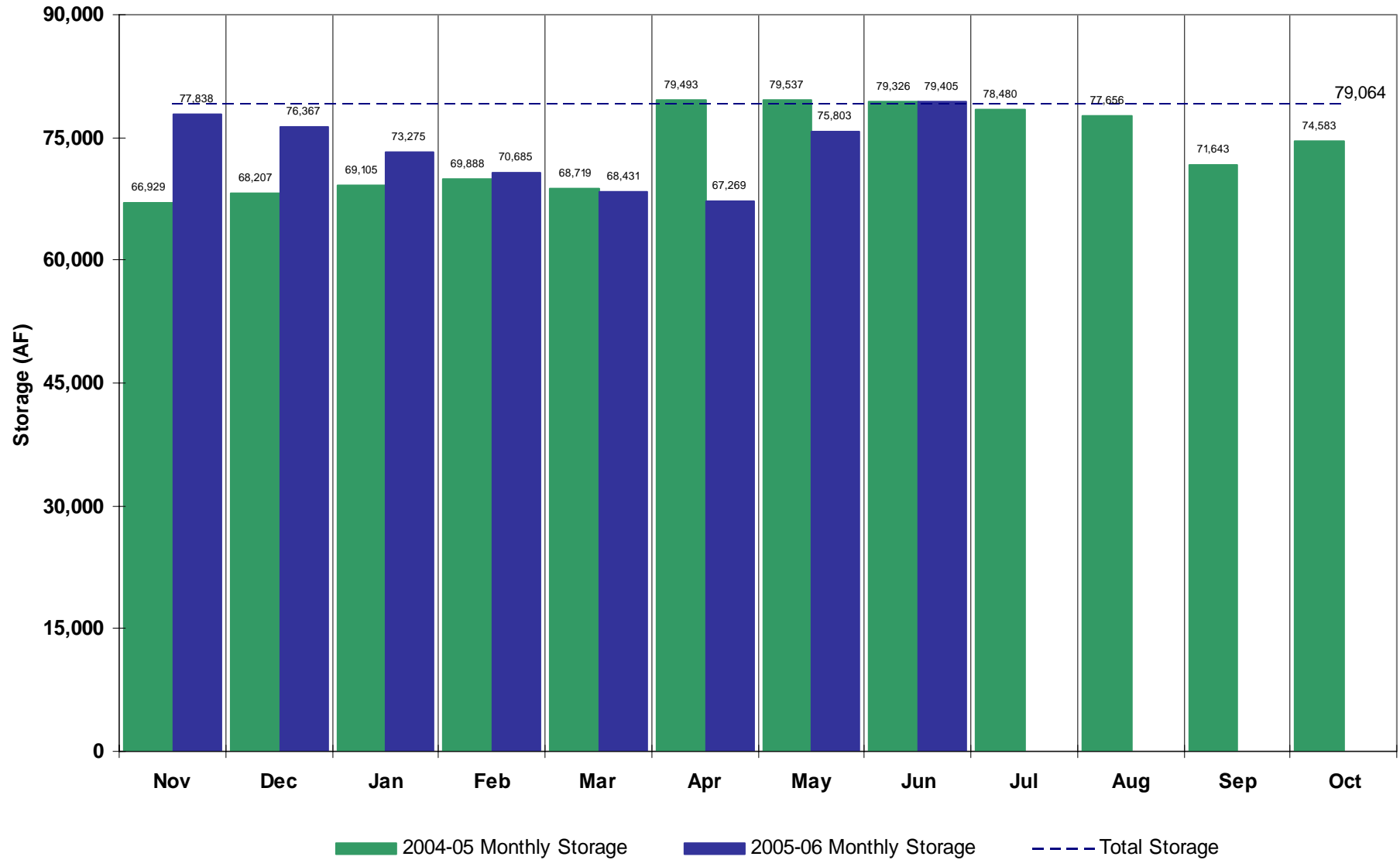


Antero Reservoir (Municipal)



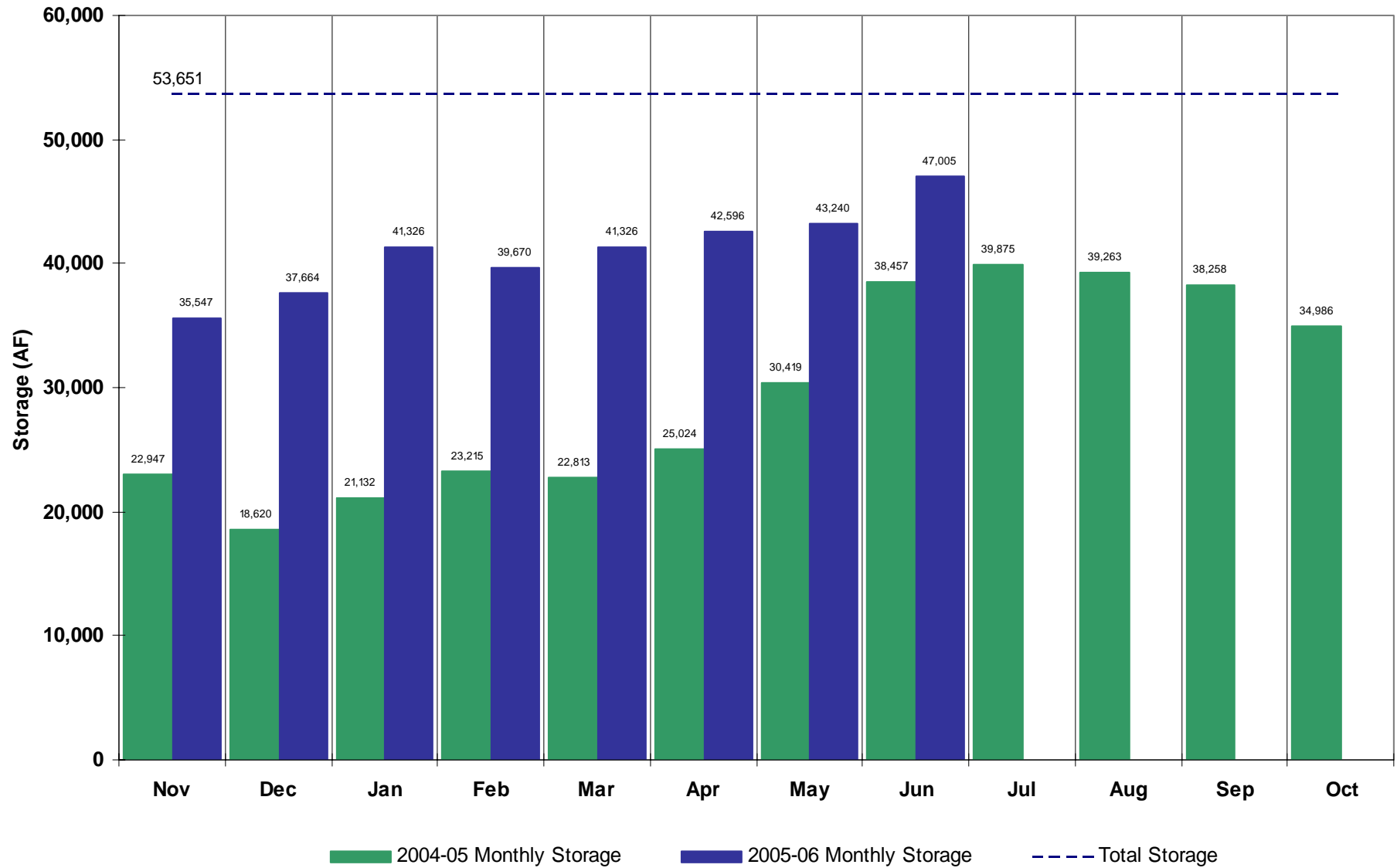
Cheesman Reservoir

(Municipal)

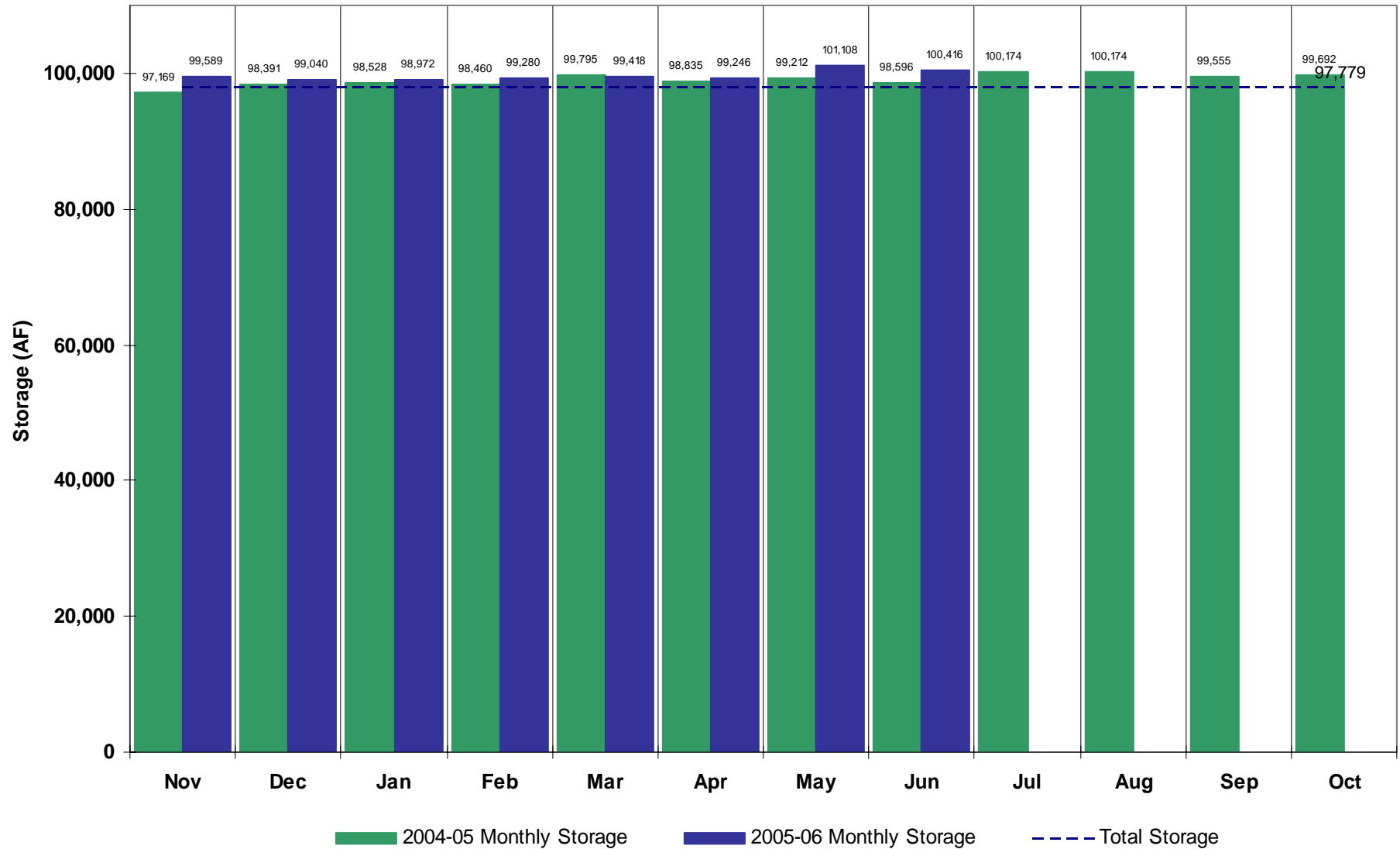


Spinney Mountain Reservoir

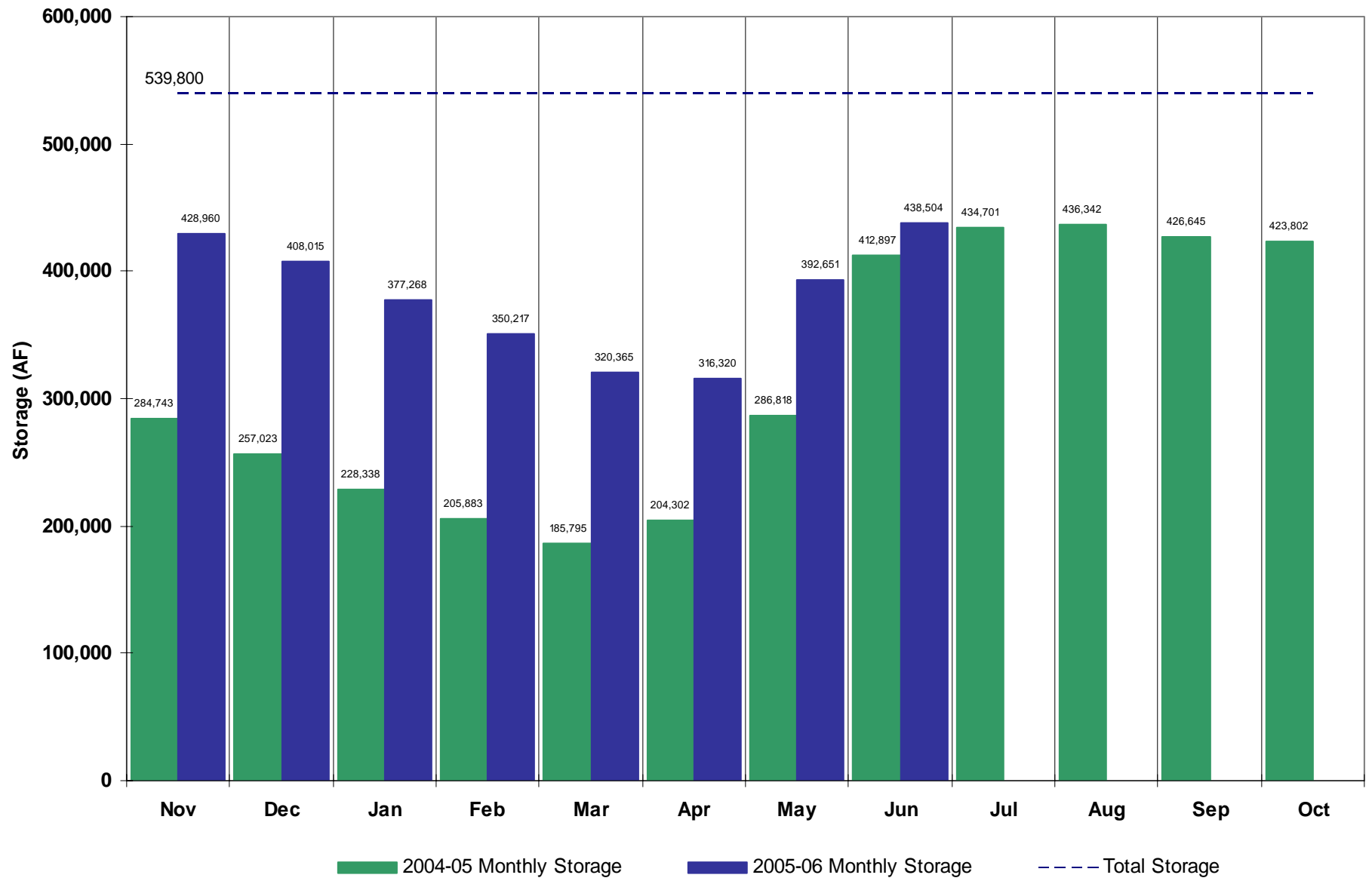
(Municipal)



Eleven Mile Reservoir (Municipal)



Lake Granby



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



**John Anderson
Retirement**