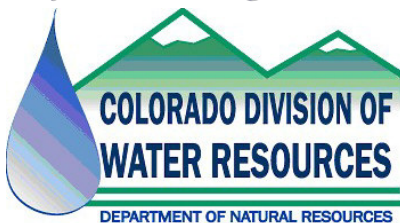


South Platte Summary

April 2006

By Claudia Engelmann



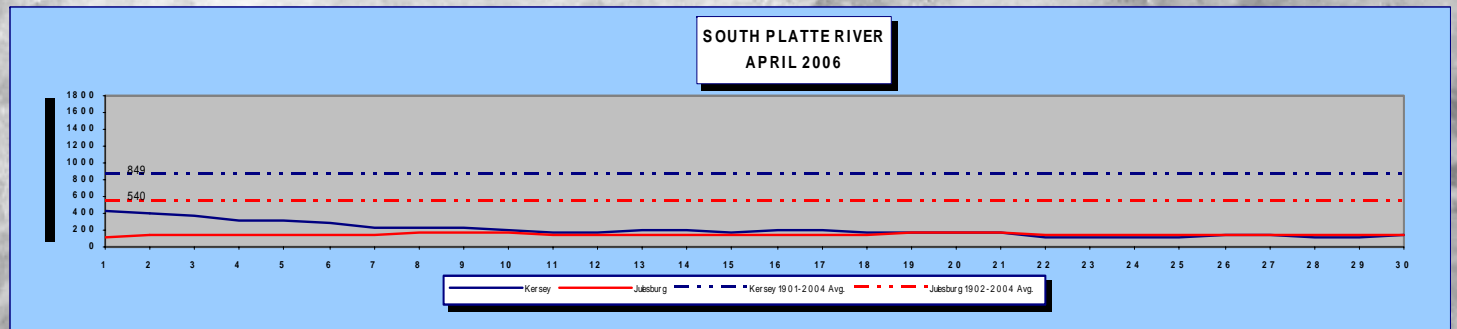
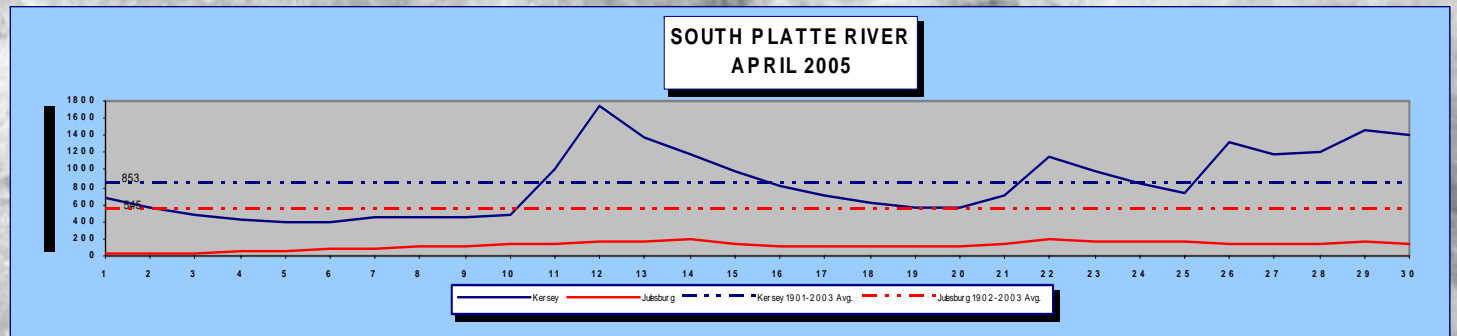
Eleven Mile Canon Dam

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

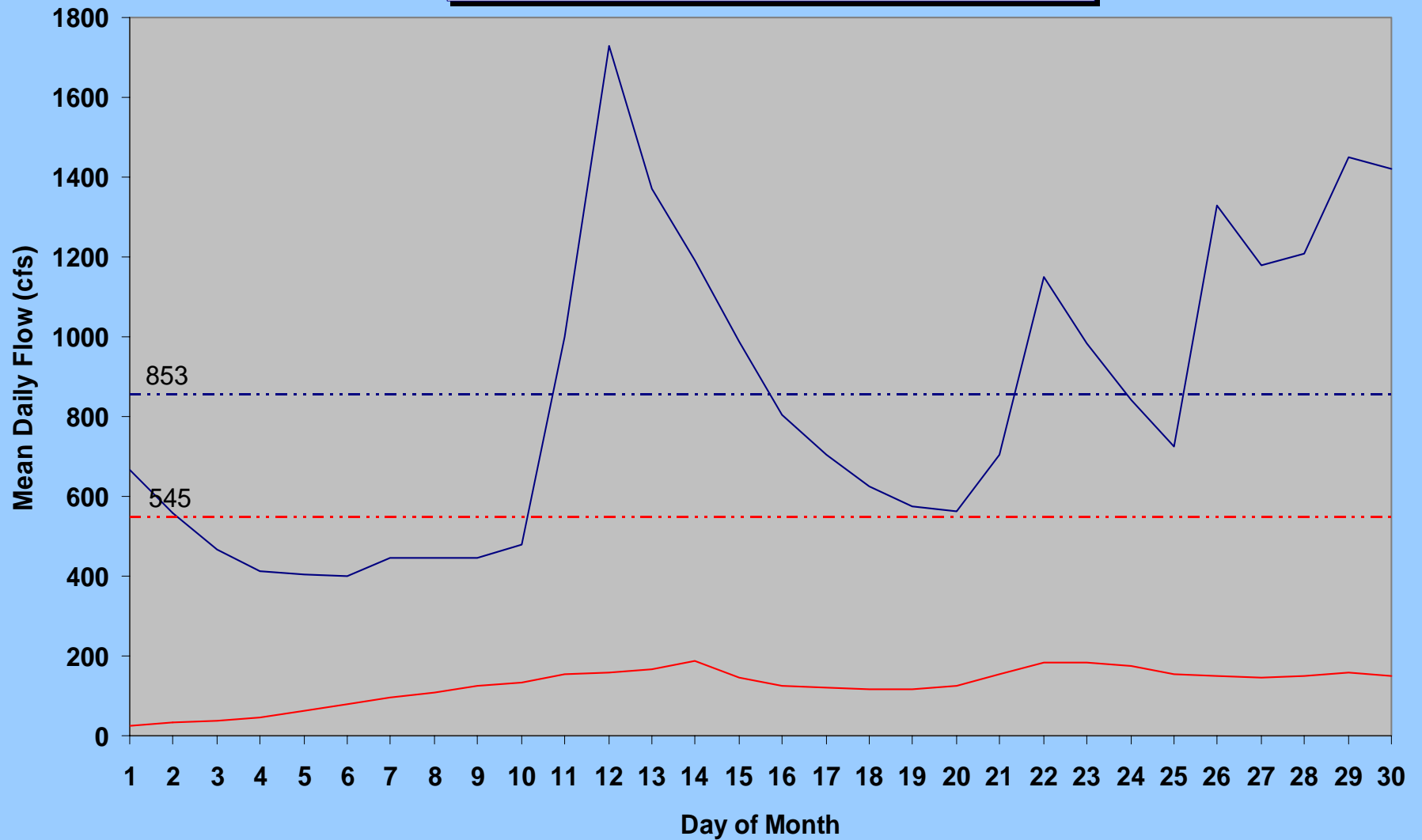
MONTH OF APRIL 2006

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	22,666	22,666	64	0	0%	100%	100%	0
N STERLING	73,730	74,880	69,620	64	-5,260	-7%	94%	95%	0
PREWITT	28,500	26,540	25,036	64	-1,504	-6%	88%	97%	0
JACKSON	27,257	27,256	26,006	1	-1,250	-5%	95%	99%	0
EMPIRE	37,700	34,742	31,101	1	-3,641	-10%	82%	93%	0
RIVERSIDE	63,113	62,355	54,469	1	-7,886	-13%	86%	100%	0
BARR LAKE	31,652	29,613	28,888	2	-725	-2%	91%	96%	0
CHEESMAN	79,064	68,431	67,269	80	-1,162	-2%	85%	100%	0
ELEVEN MILE	97,779	99,418	99,246	23	-172	0%	100%	100%	1,467
SPINNEY	53,651	41,326	42,596	23	1,270	3%	79%	47%	0
ANTERO	20,015	7,252	7,443	23	191	3%	37%	8%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	204
JULESBURG	144
THIS MONTH LAST YEAR	
KERSEY	842
JULESBURG	125
MEAN FOR PERIOD OF RECORD*	
KERSEY	849
JULESBURG	540
* 1901-2004	
1902-2004	

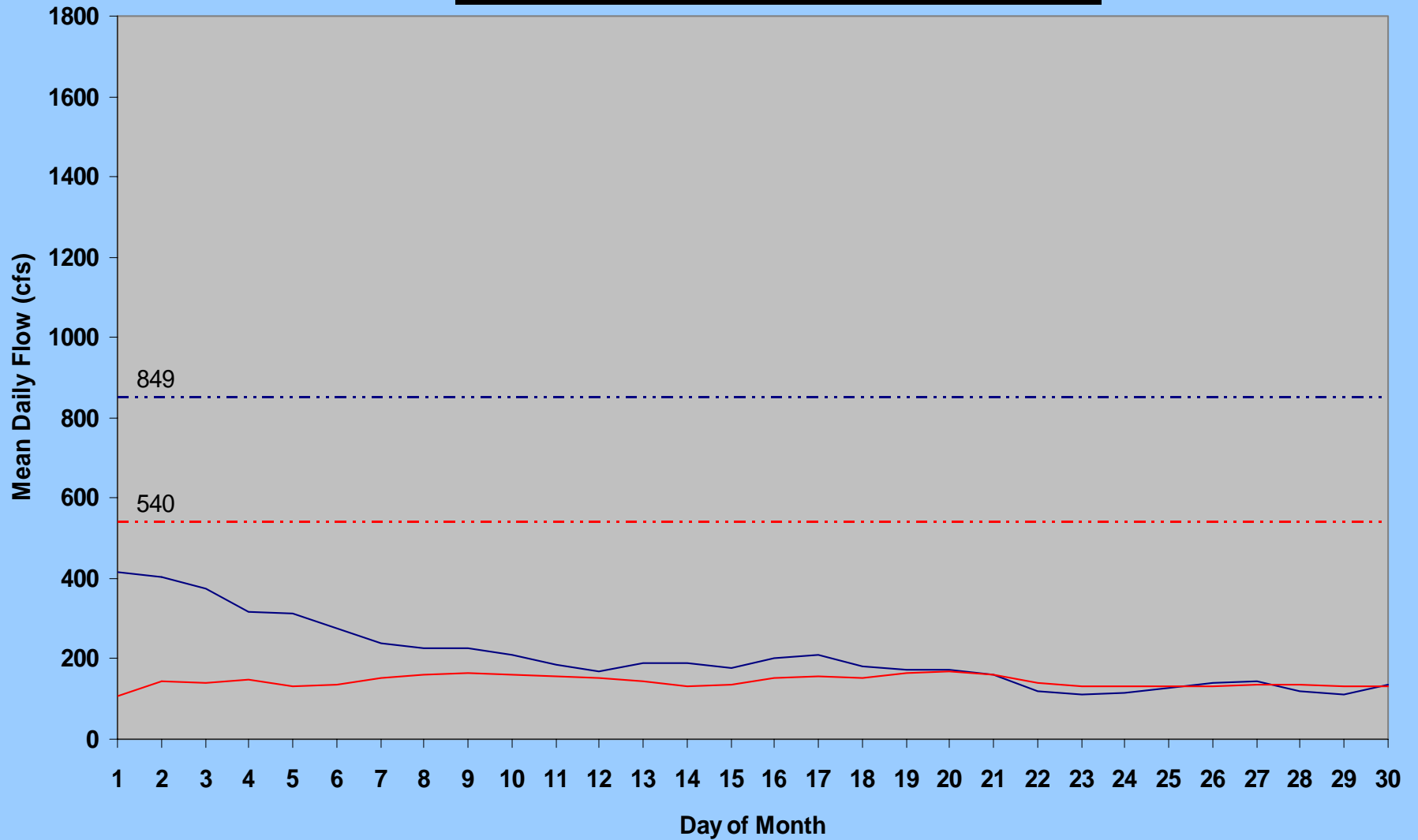


SOUTH PLATTE RIVER APRIL 2005



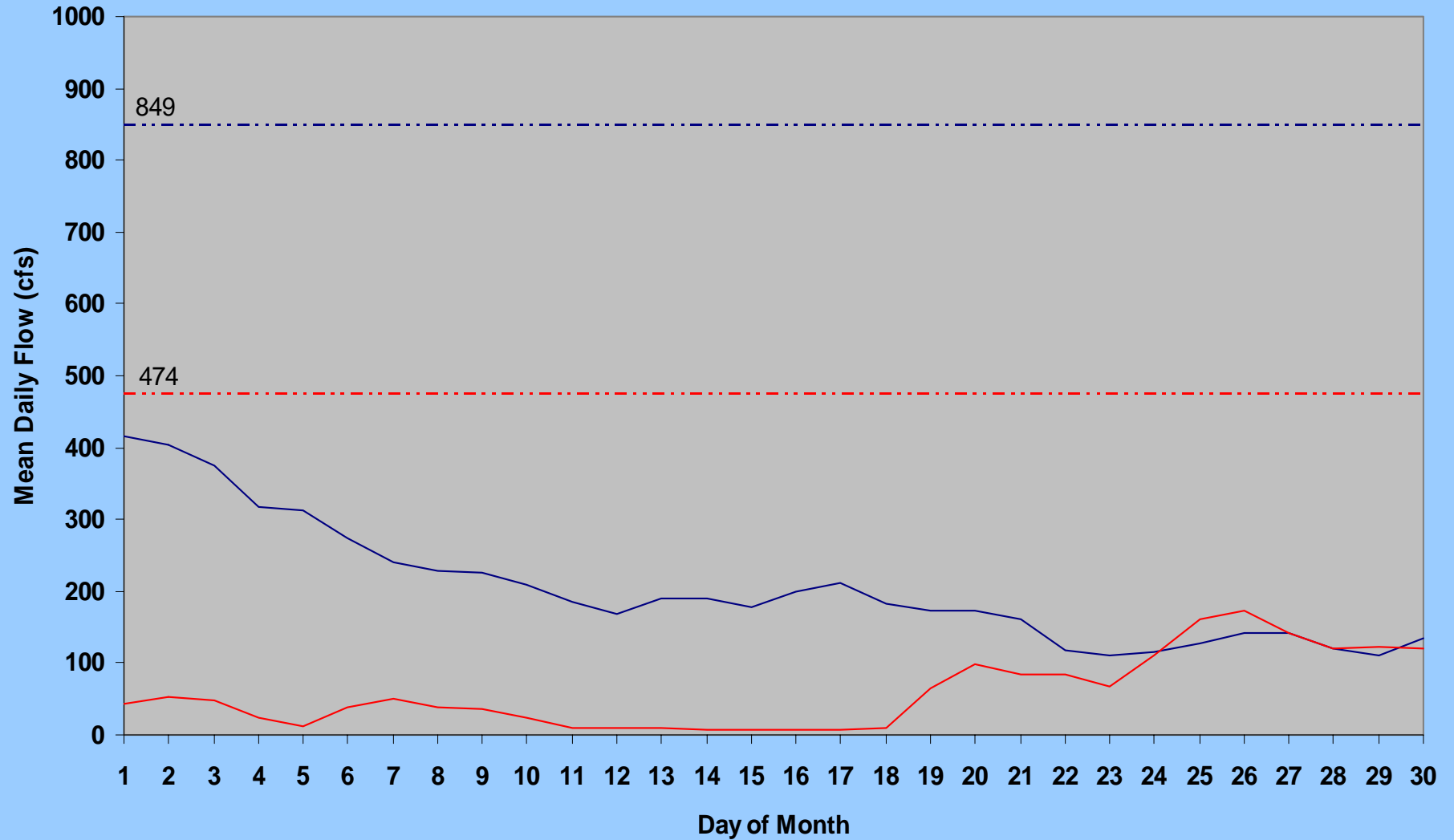
— Kersey — Julesburg - - - Kersey 1901-2003 Avg. - . - . Julesburg 1902-2003 Avg.

SOUTH PLATTE RIVER APRIL 2006



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

KERSEY and BALZAC APRIL 2006



— Kersey — Balzac - - - Kersey 1901-2004 Avg. - - - Balzac 1917-2004 Avg.

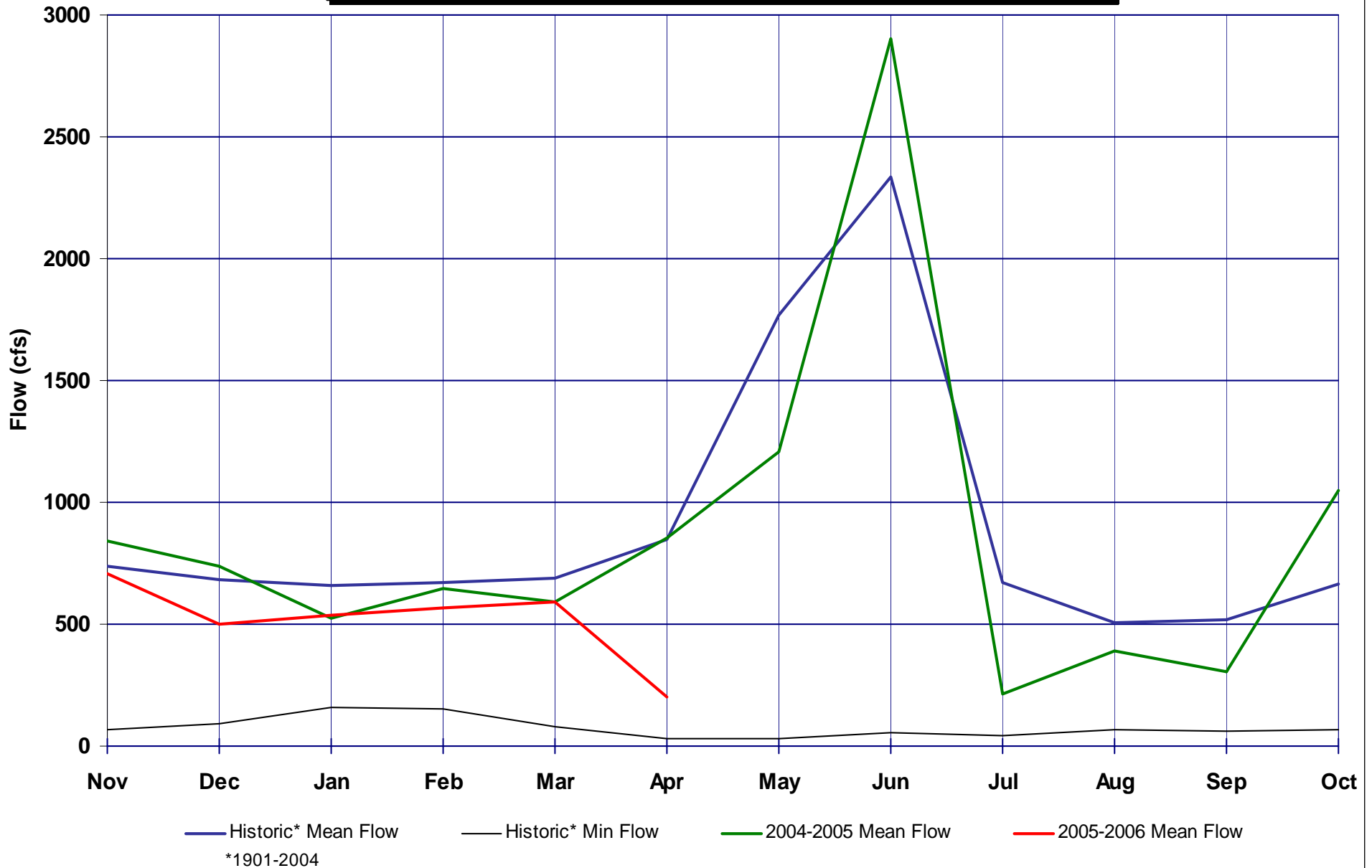
**48-in Valve Test
at Eleven Mile
Canon Dam**

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		May	1043	18100	1973	12	1911	
Jun	2336	31000	1921	52	1954		Jun	1459	30800	1921	2.0	1910	
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						

(photo by Bill McCormick)

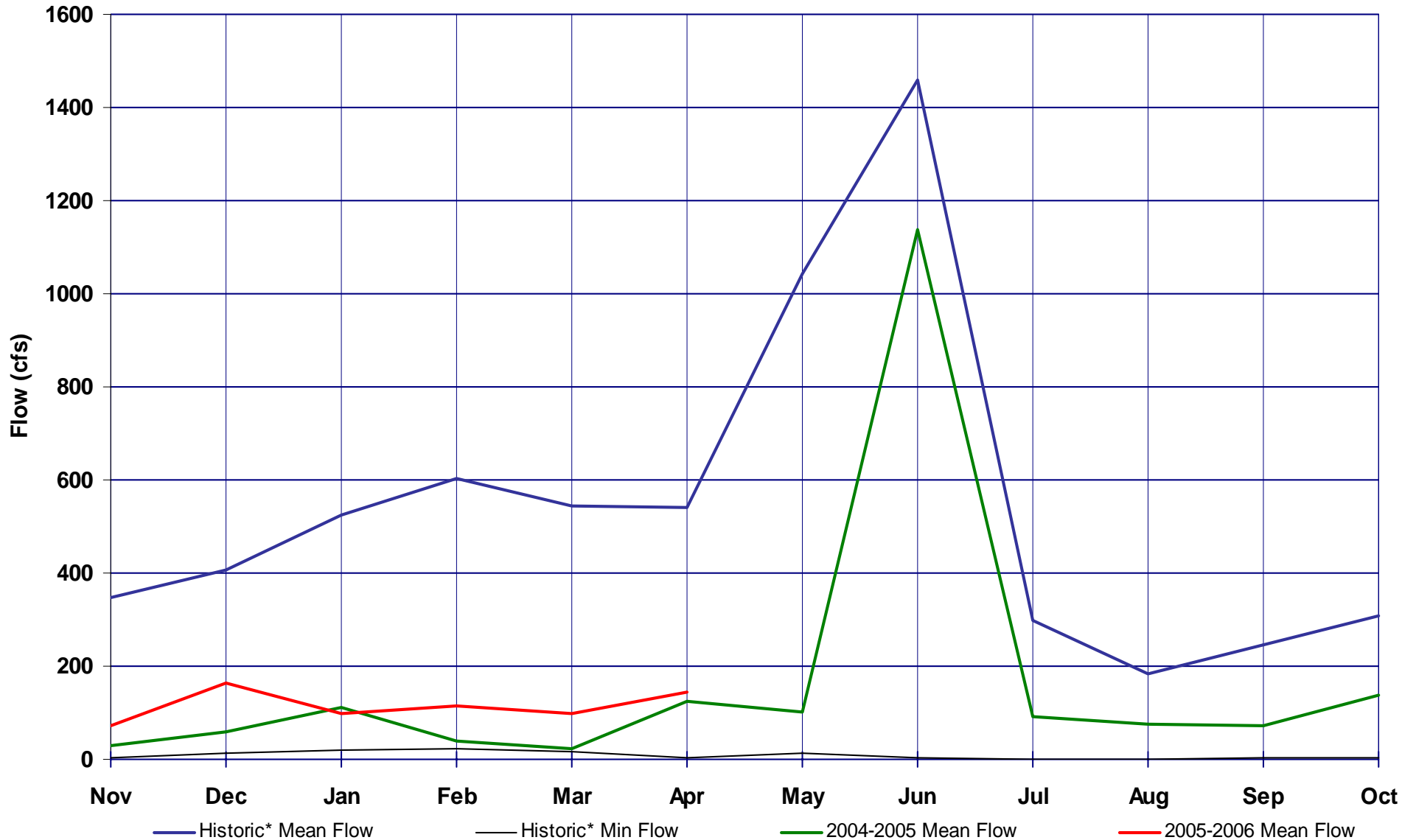
South Platte River at Kersey

Irrigation Water Year



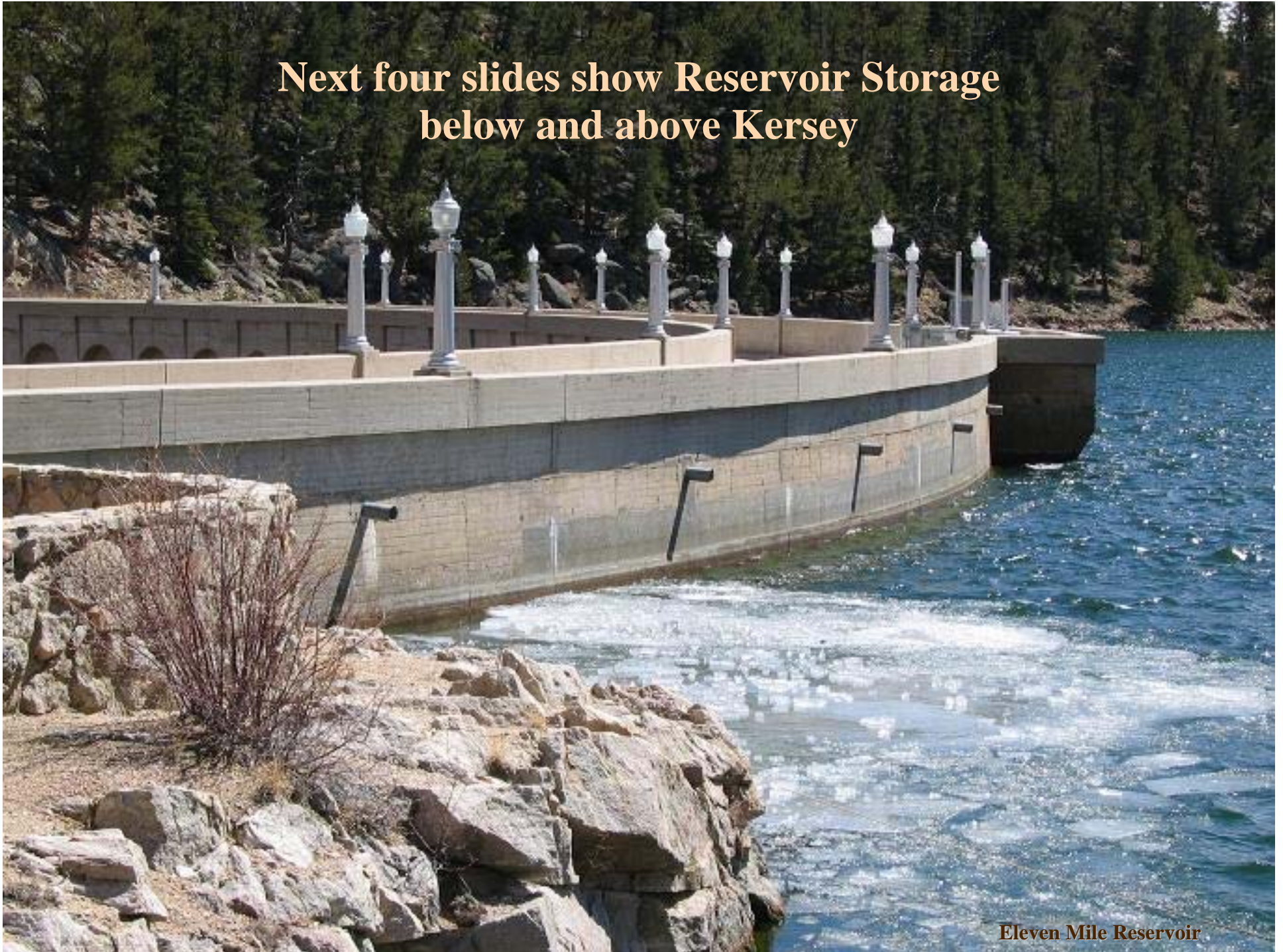
South Platte River at Julesburg

Irrigation Water Year



*1902-2004

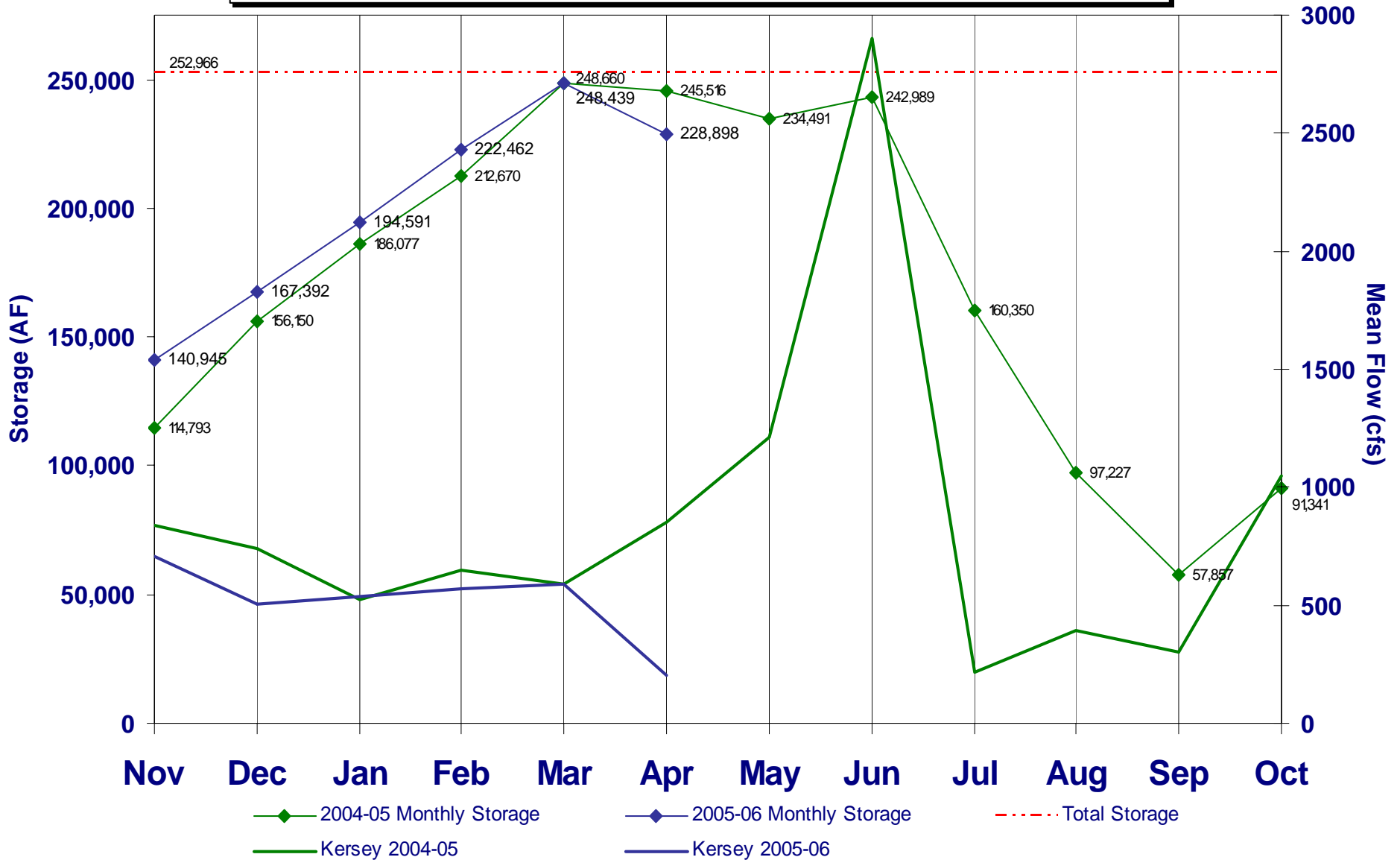
**Next four slides show Reservoir Storage
below and above Kersey**



Eleven Mile Reservoir

Reservoir Storage below Kersey

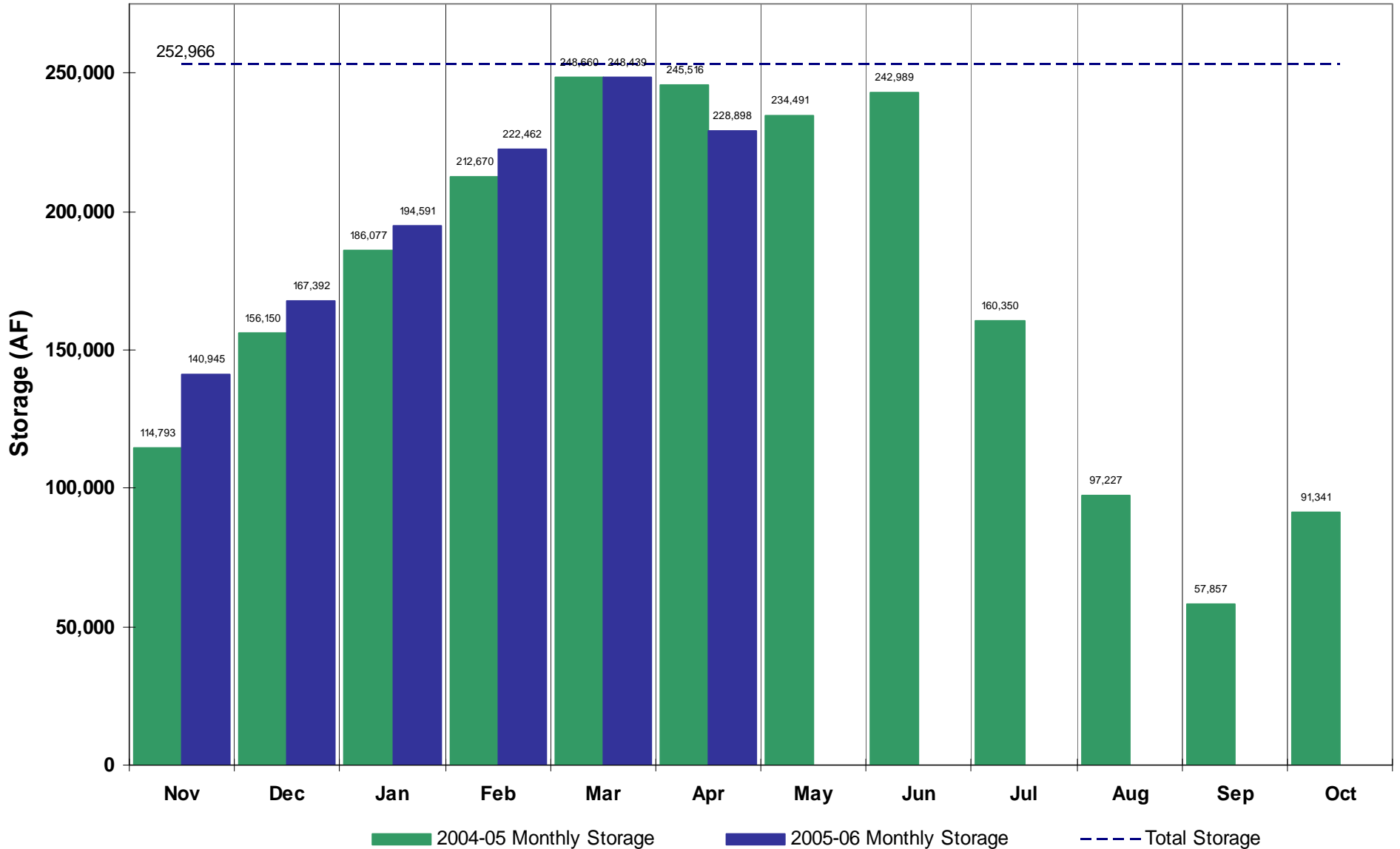
Selected Reservoirs*



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

South Platte Reservoirs

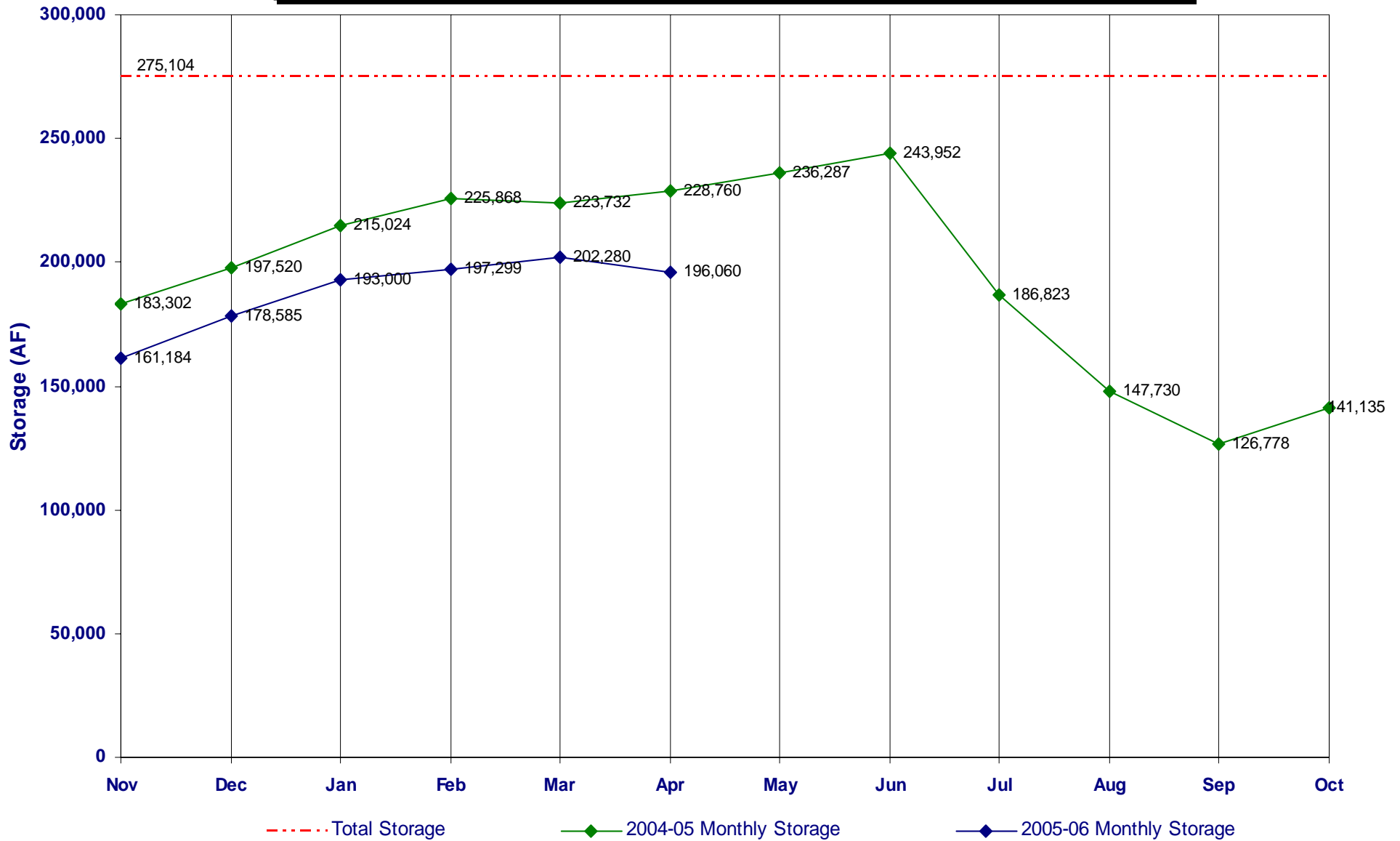
Storage below Kersey*



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

Reservoir Storage above Kersey

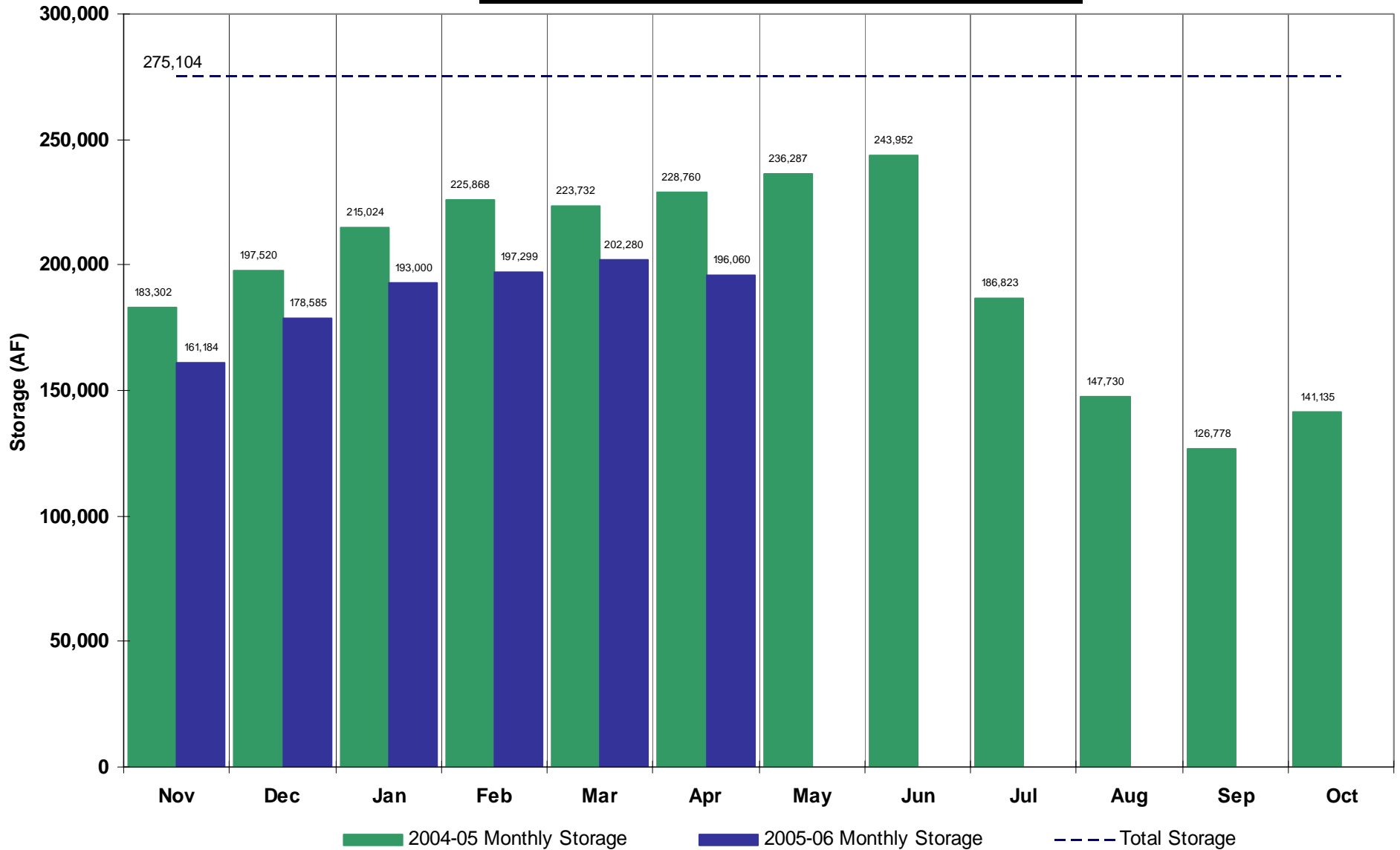
Selected Reservoirs*




*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

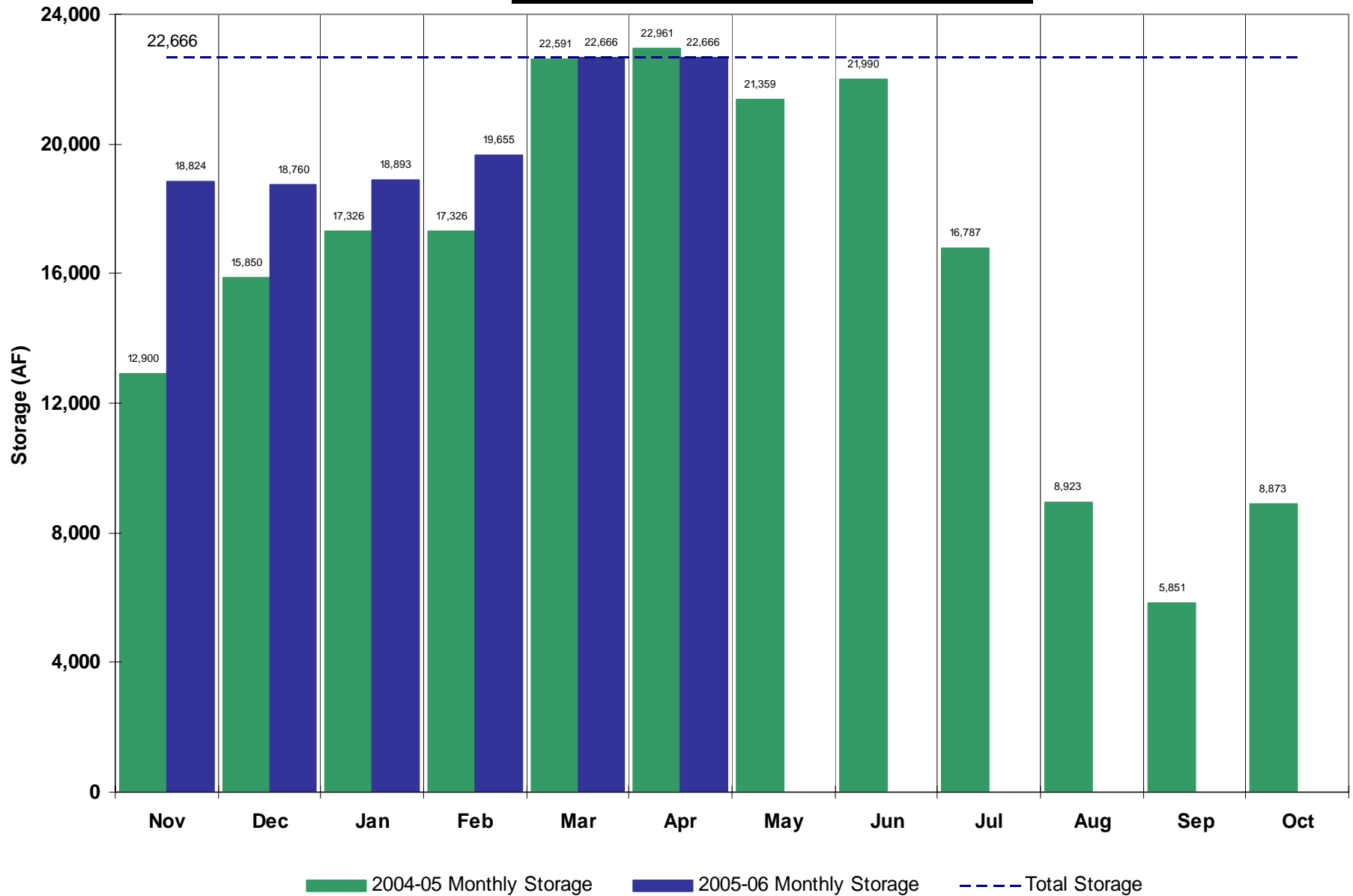


**Individual
Reservoir Storage
Follows**

Eleven Mile Canon Dam Spillway

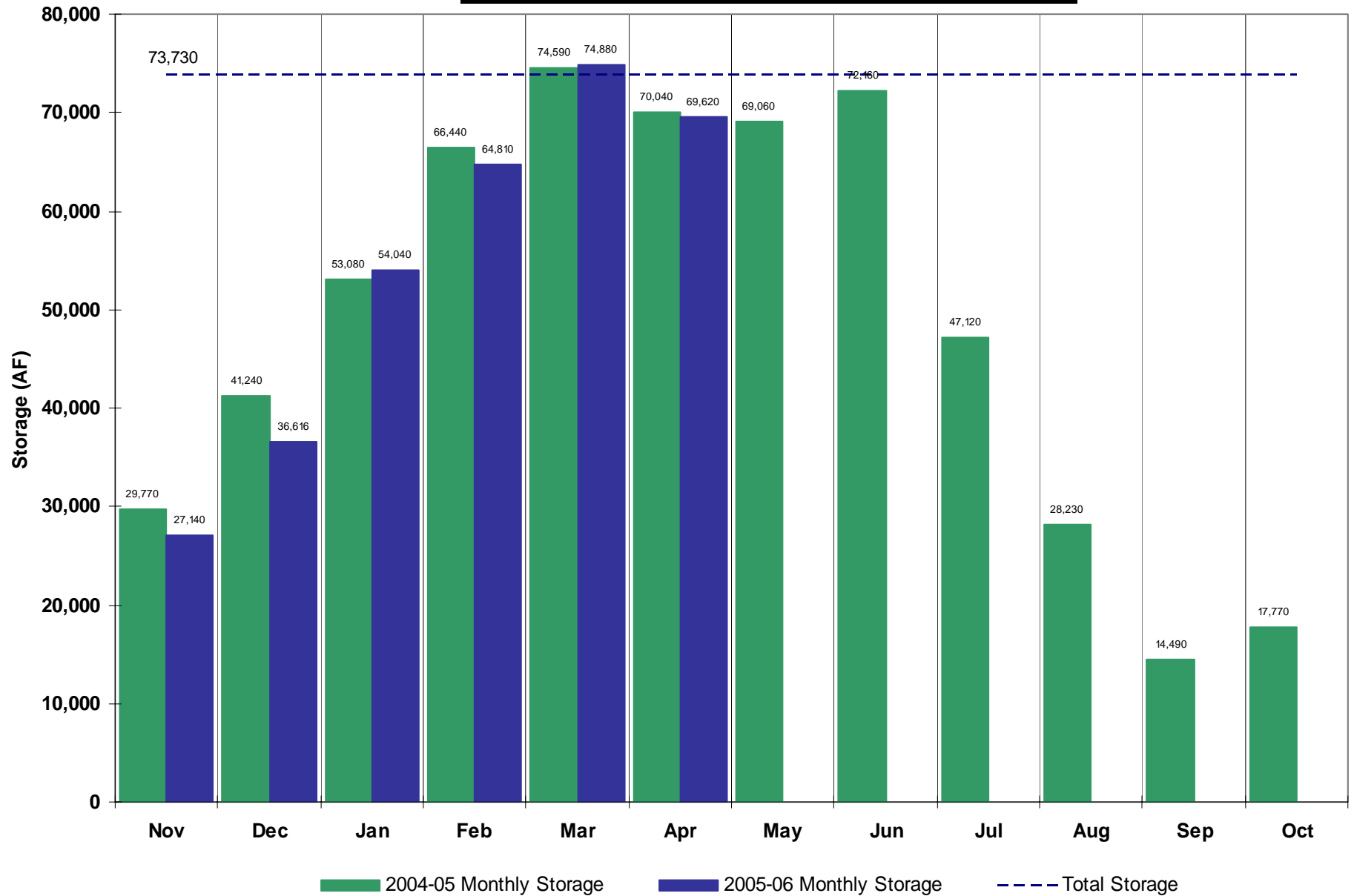
Julesburg Reservoir

(Agricultural)



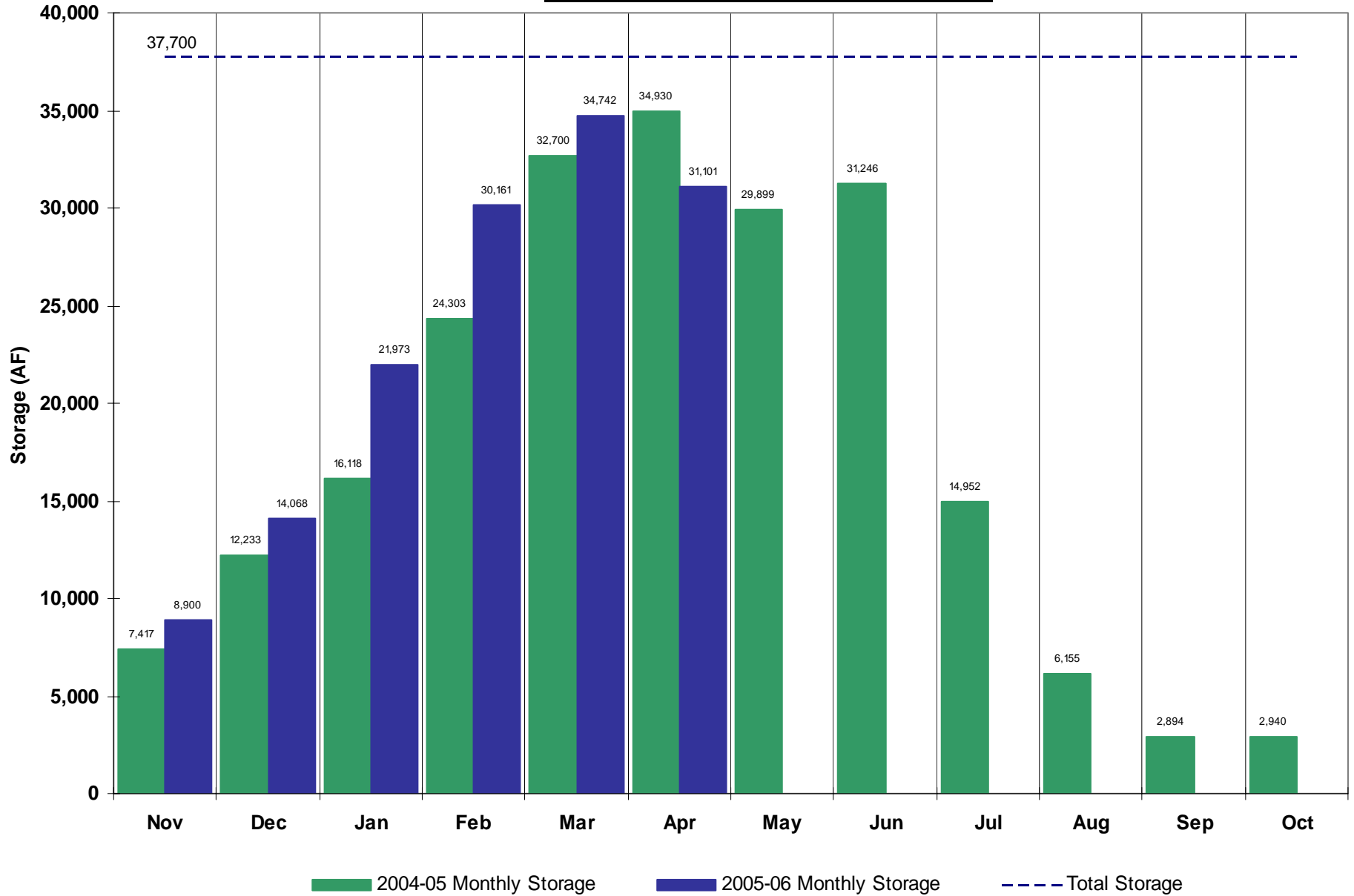
North Sterling Reservoir

(Agricultural)



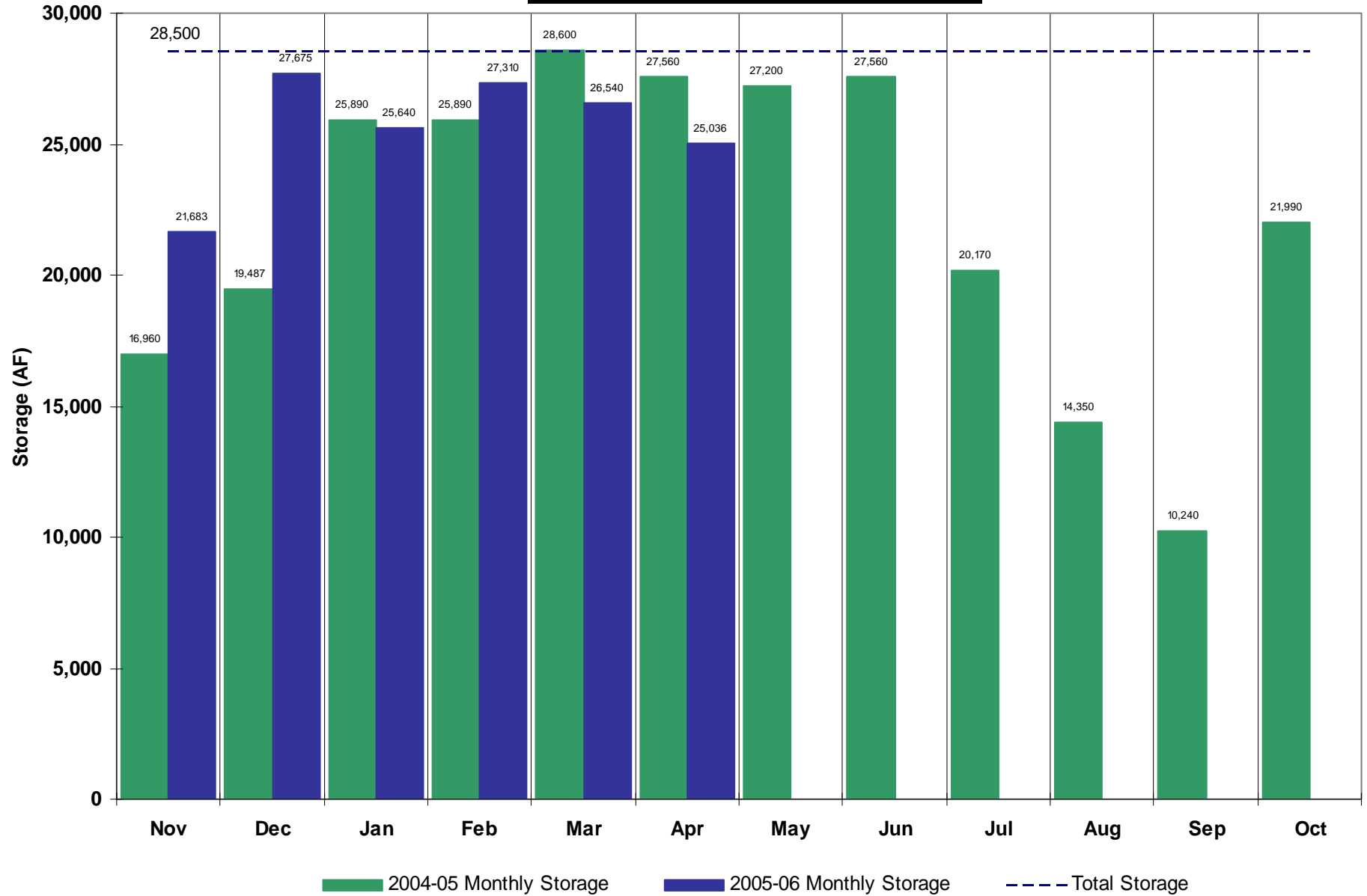
Empire Reservoir

(Agricultural)



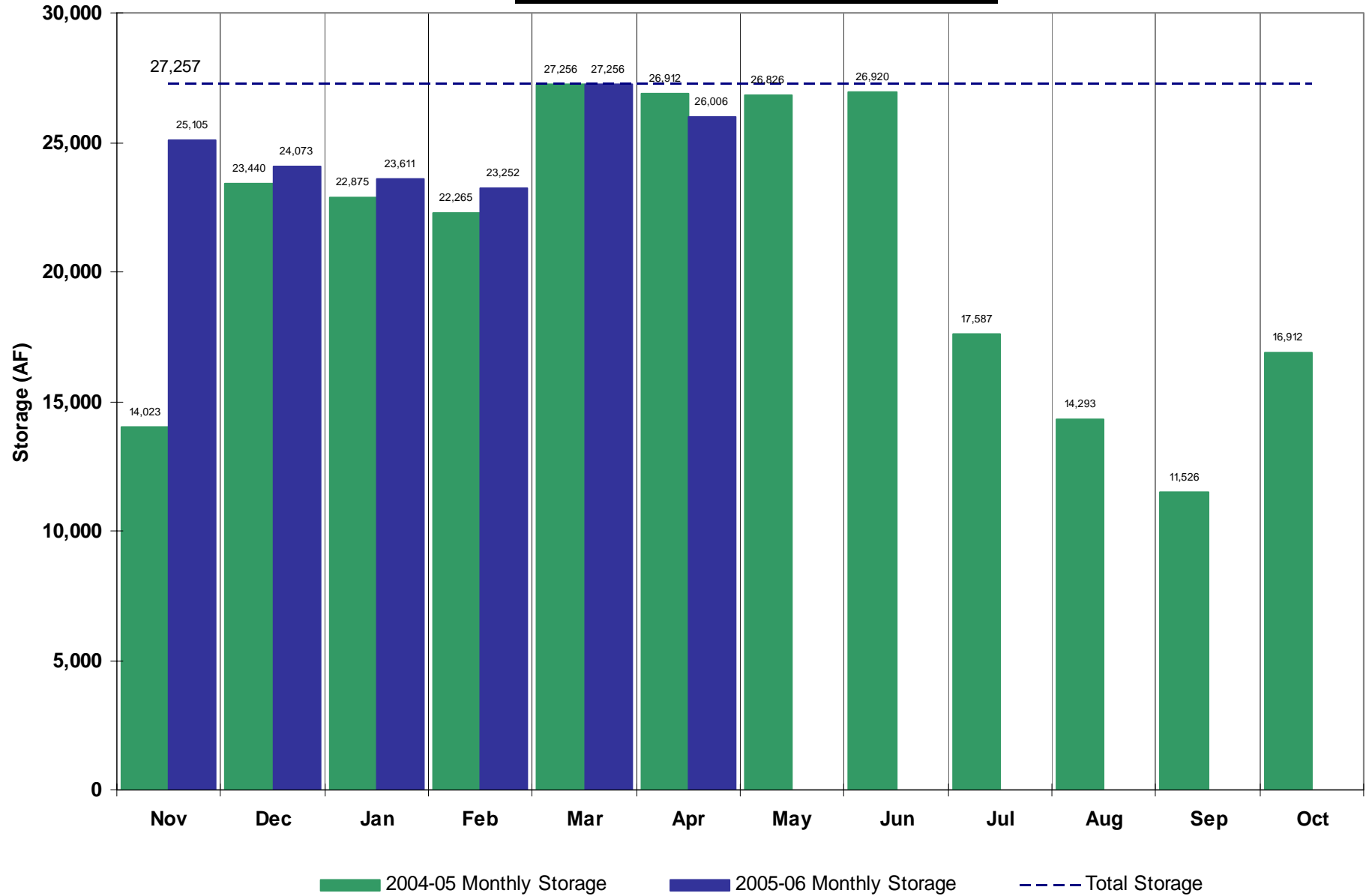
Prewitt Reservoir

(Agricultural)



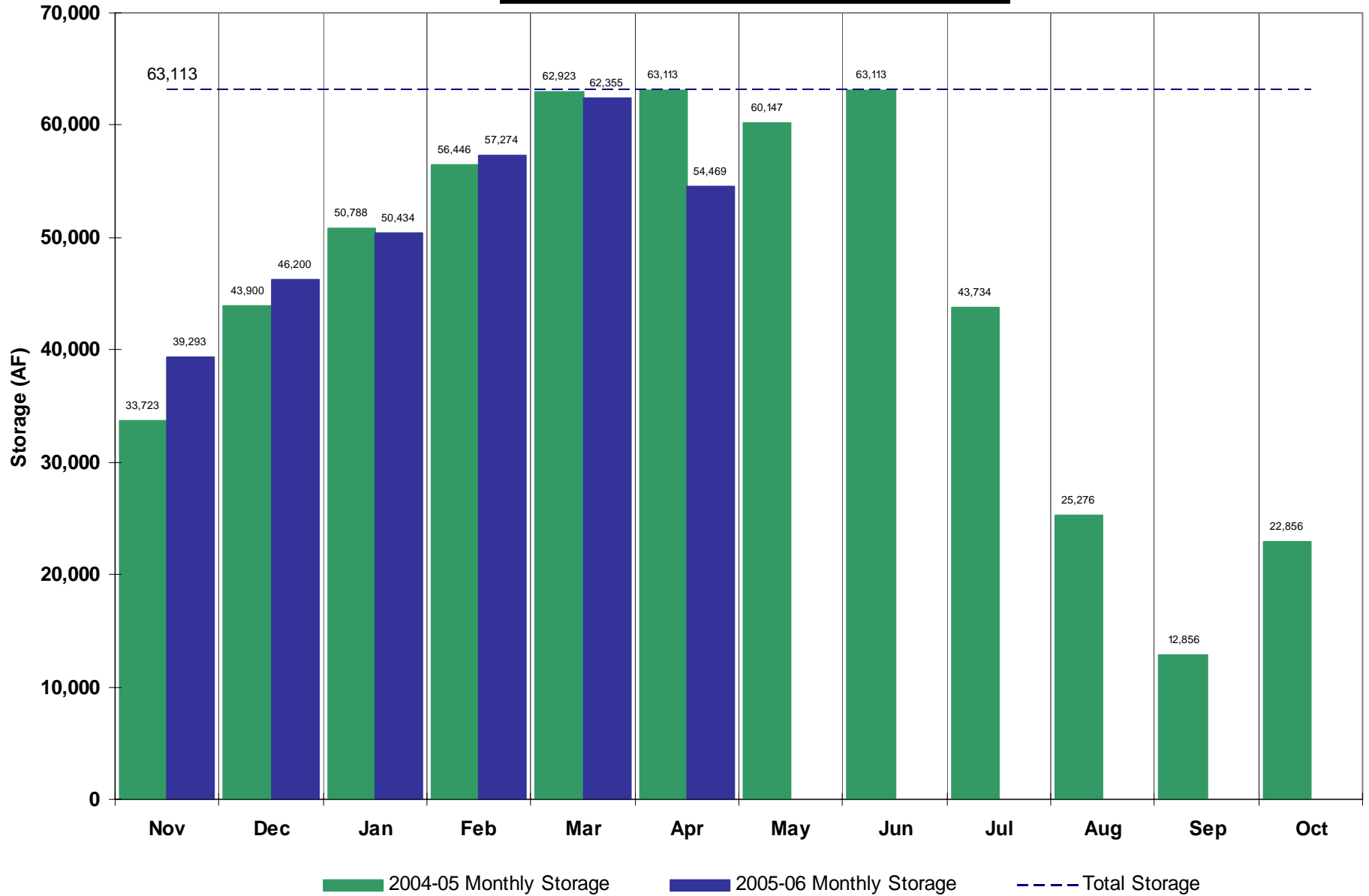
Jackson Reservoir

(Agricultural)

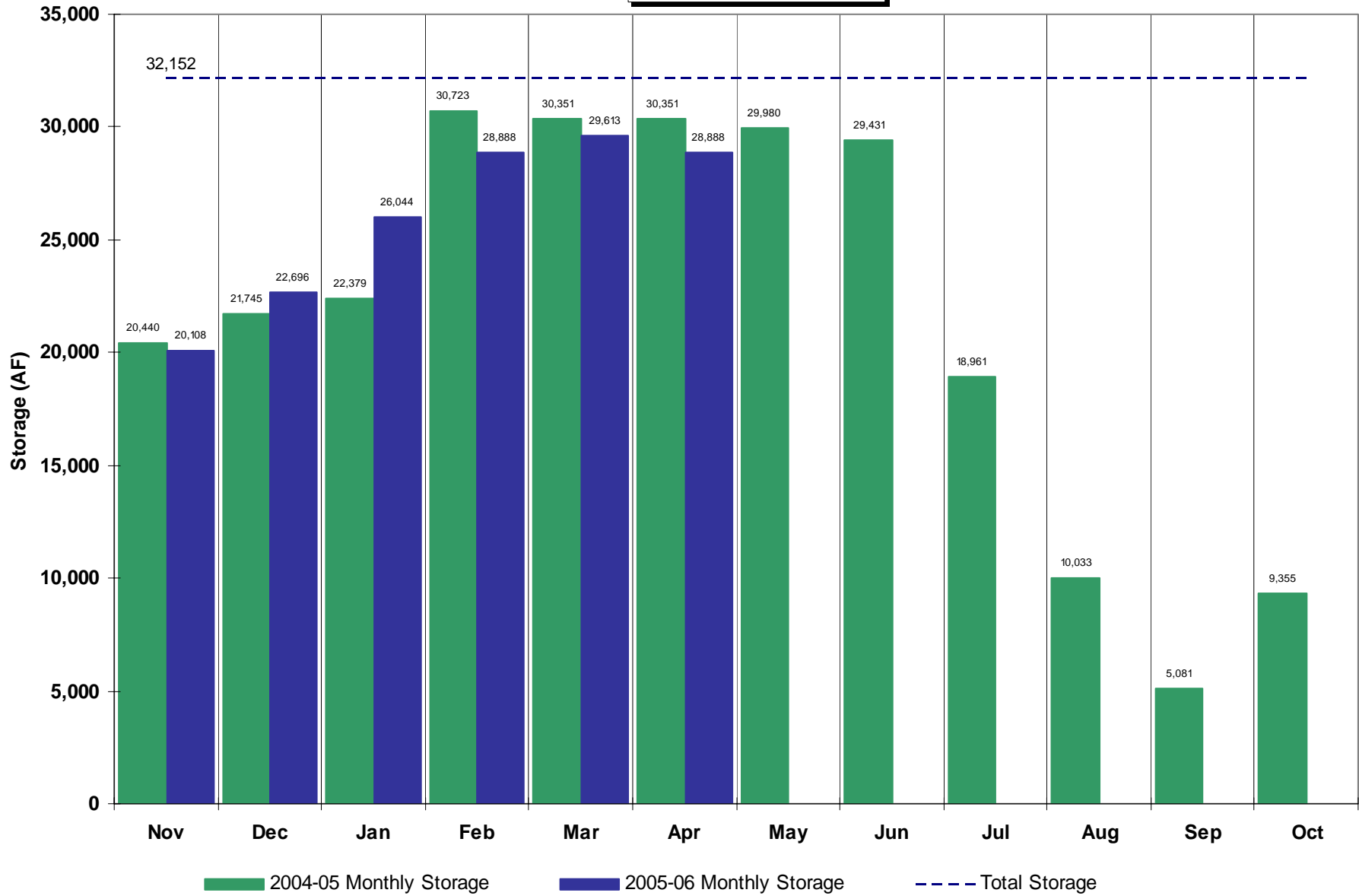


Riverside Reservoir

(Agricultural)

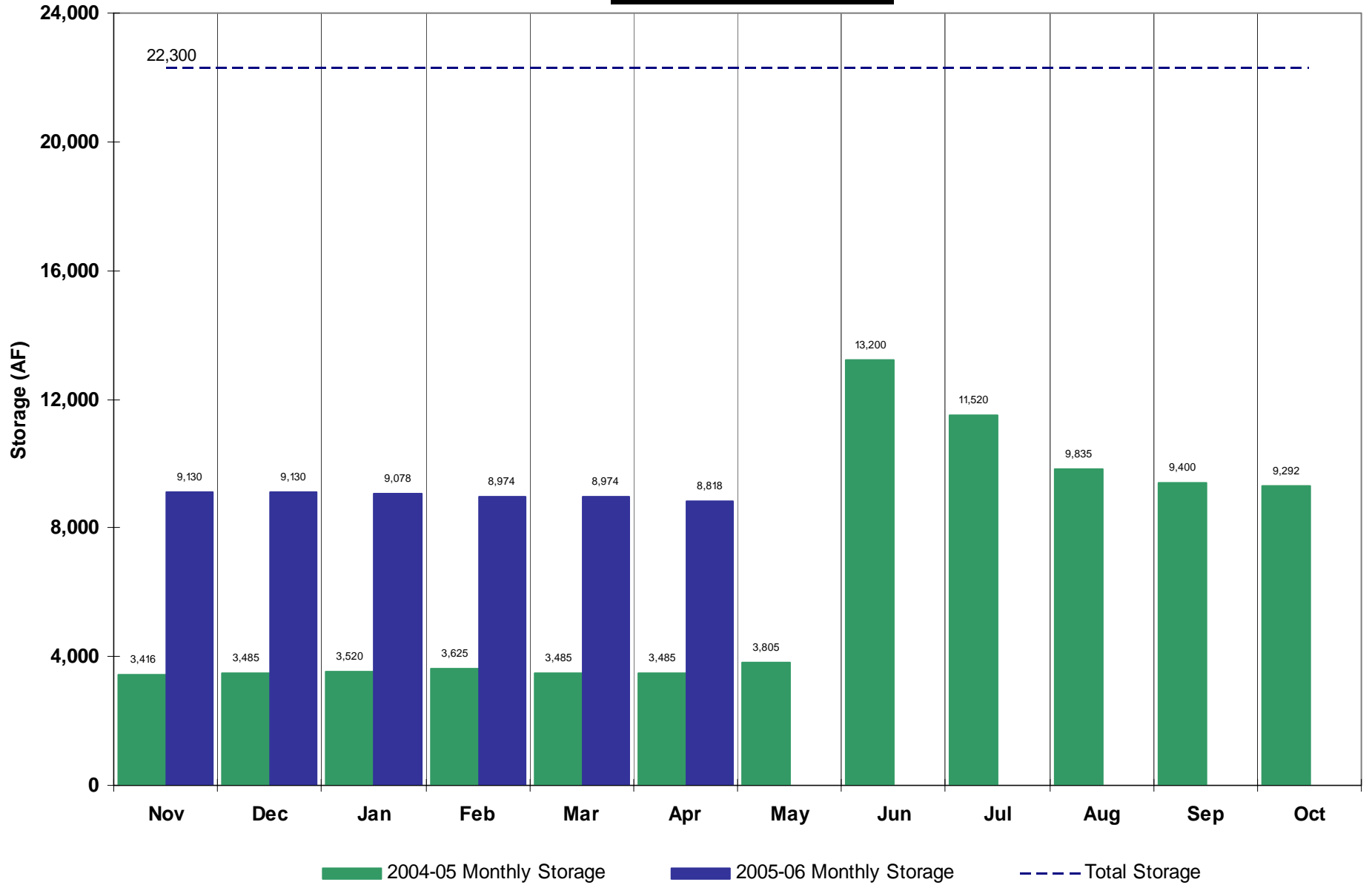


Barr Lake (Agricultural)

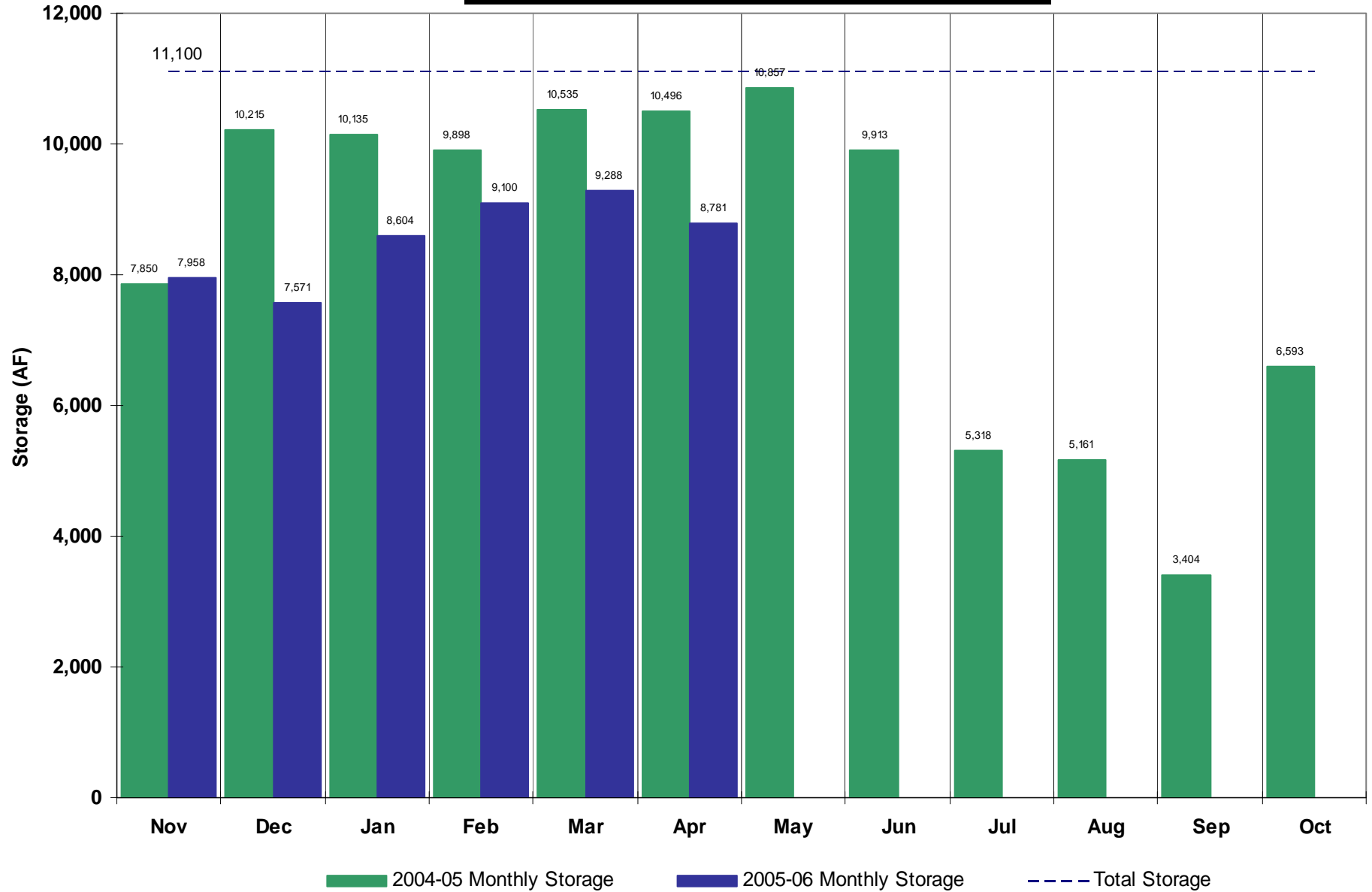


Cobb Lake

(Agricultural)

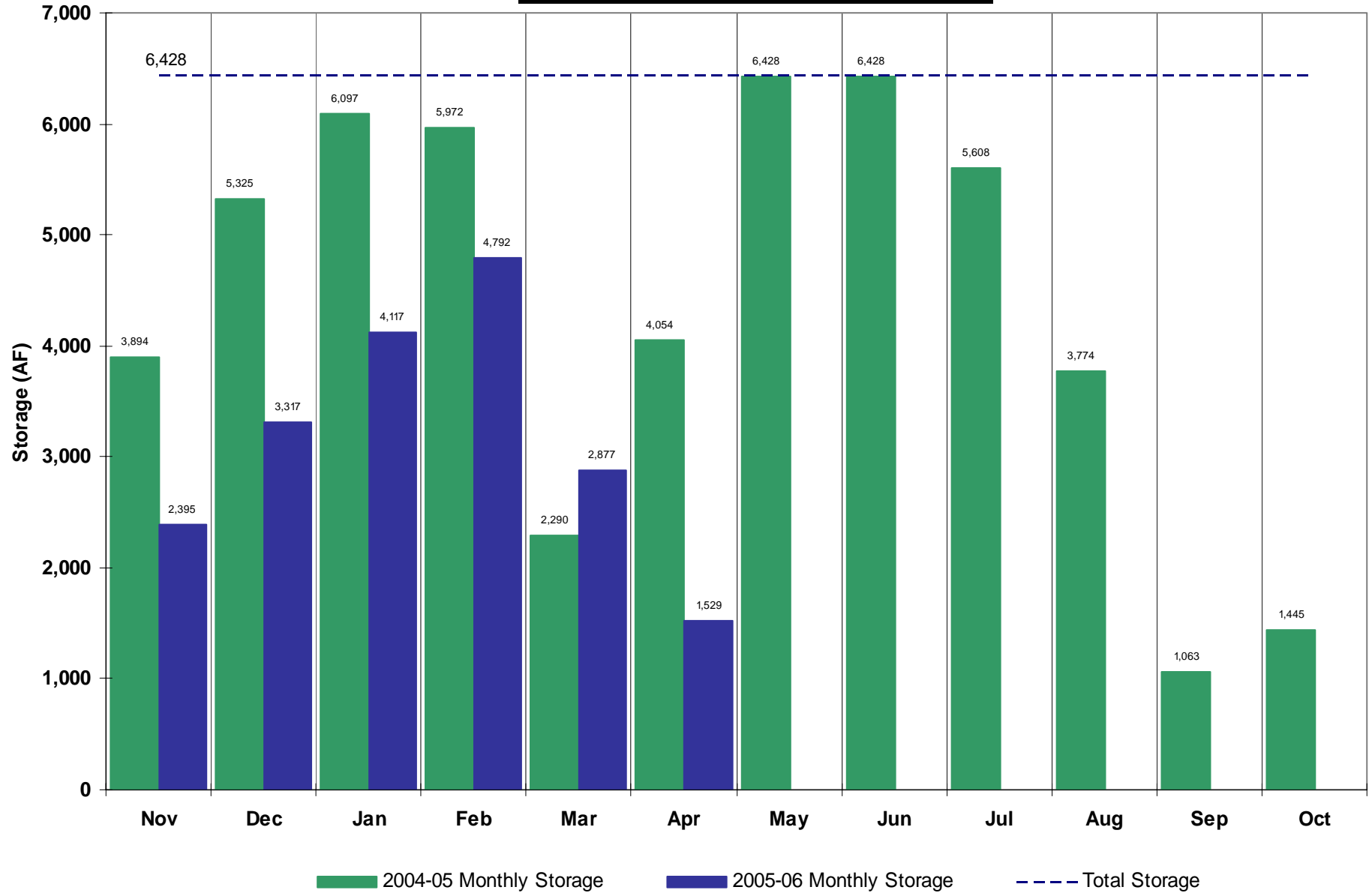


Fossil Creek Reservoir (Agricultural)

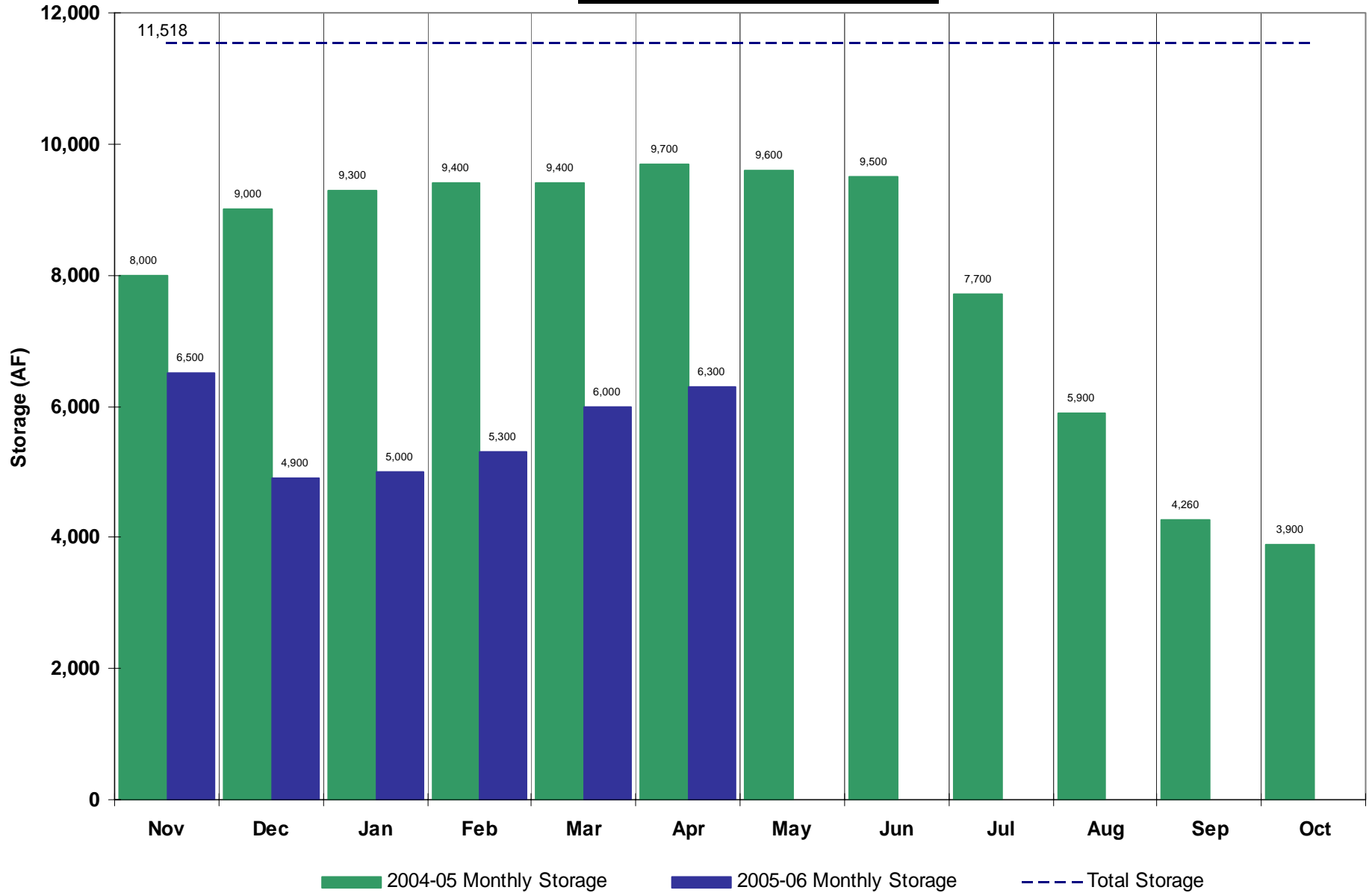


Halligan Reservoir

(Agricultural)

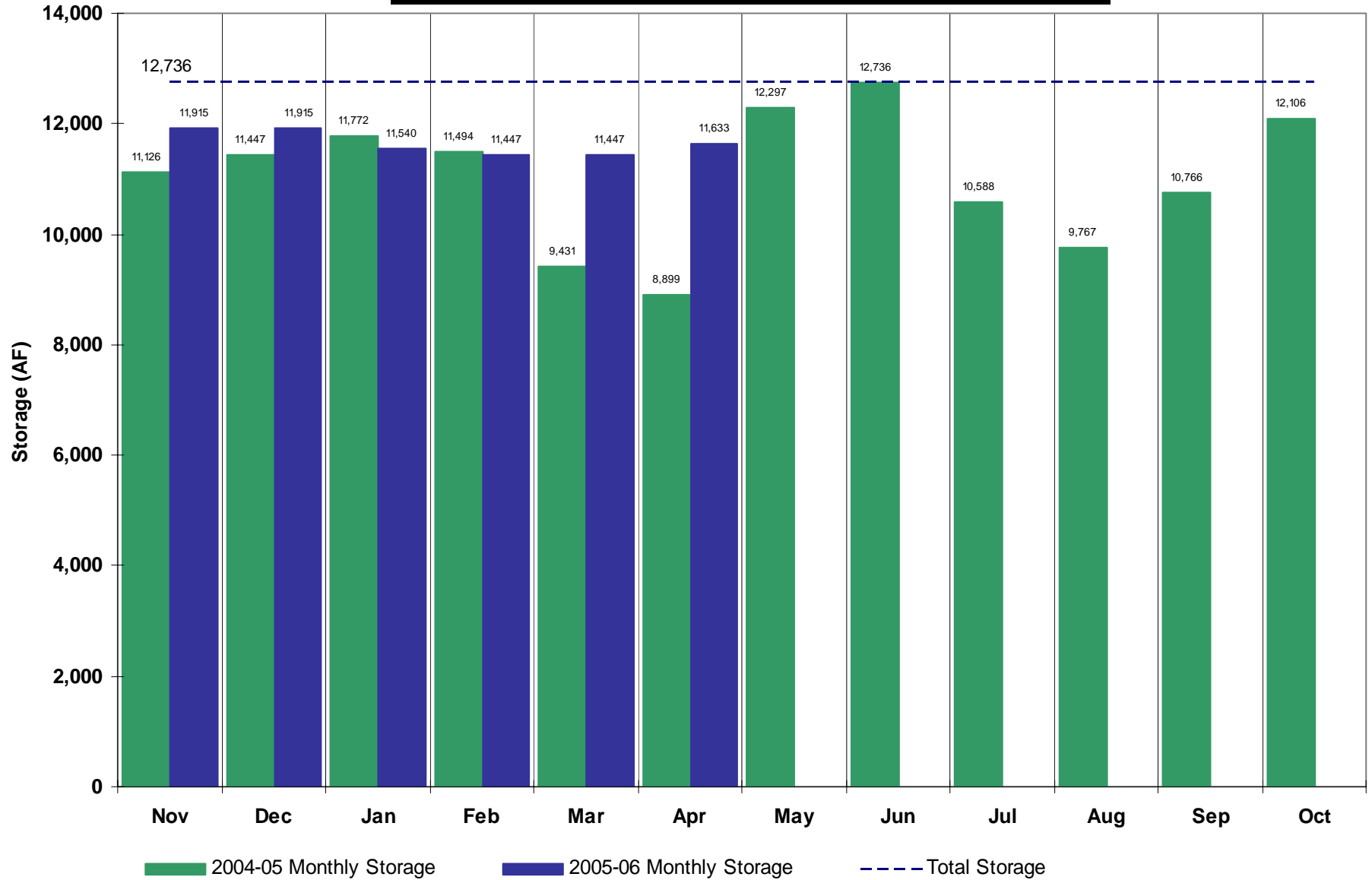


Marshall Lake (Agricultural)



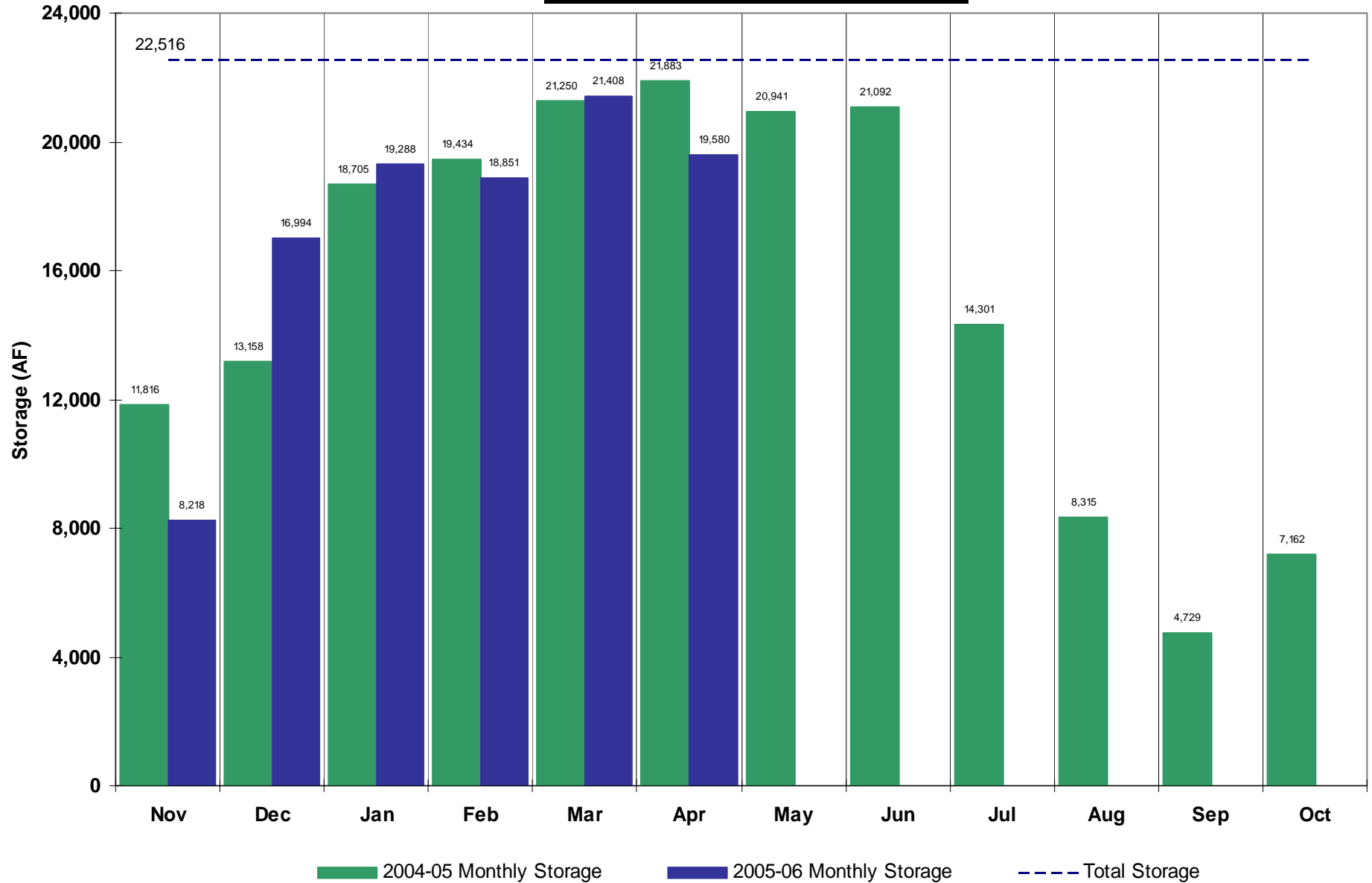
Loveland Greeley Reservoir

(Agricultural)

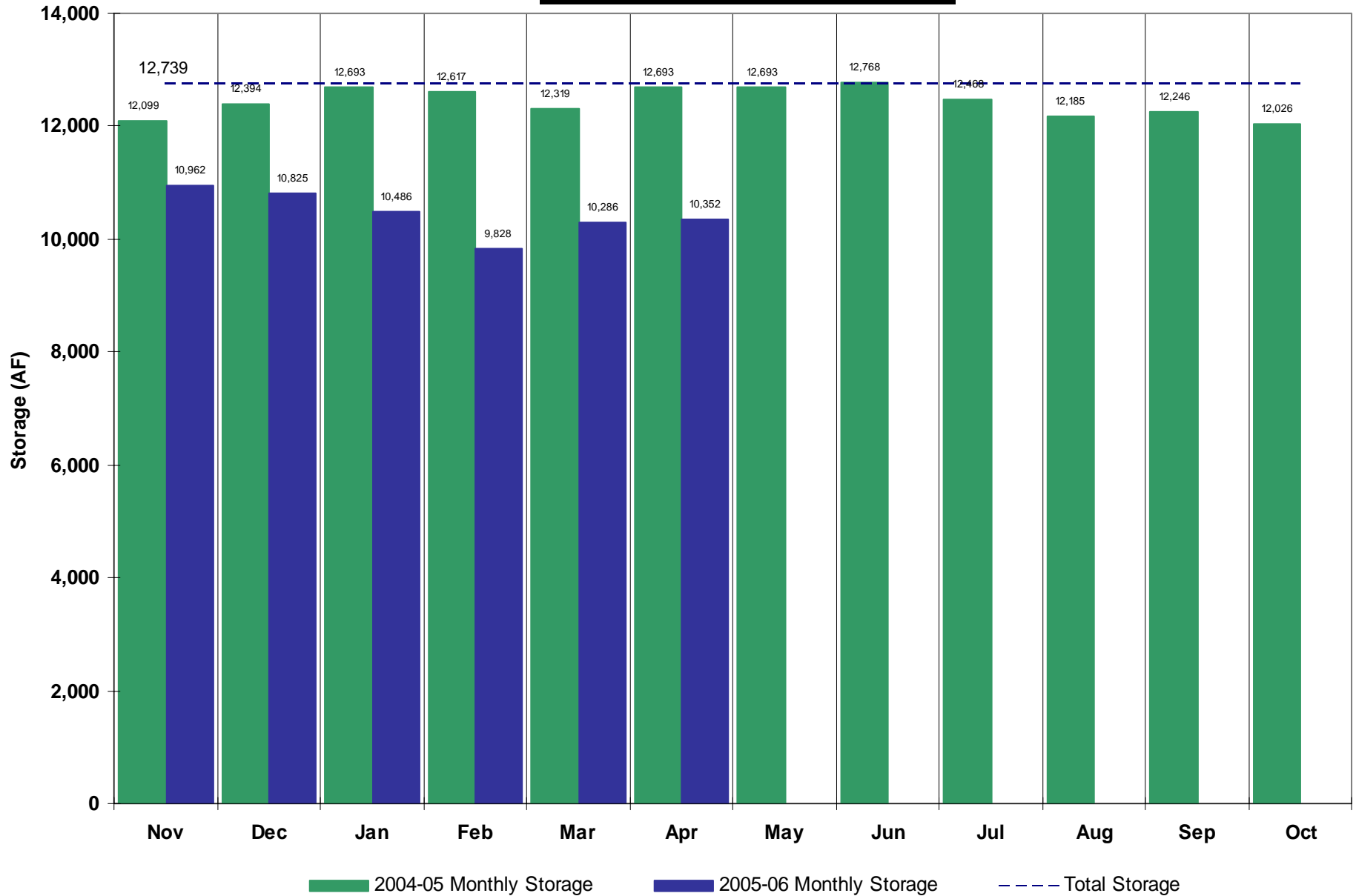


Milton Reservoir

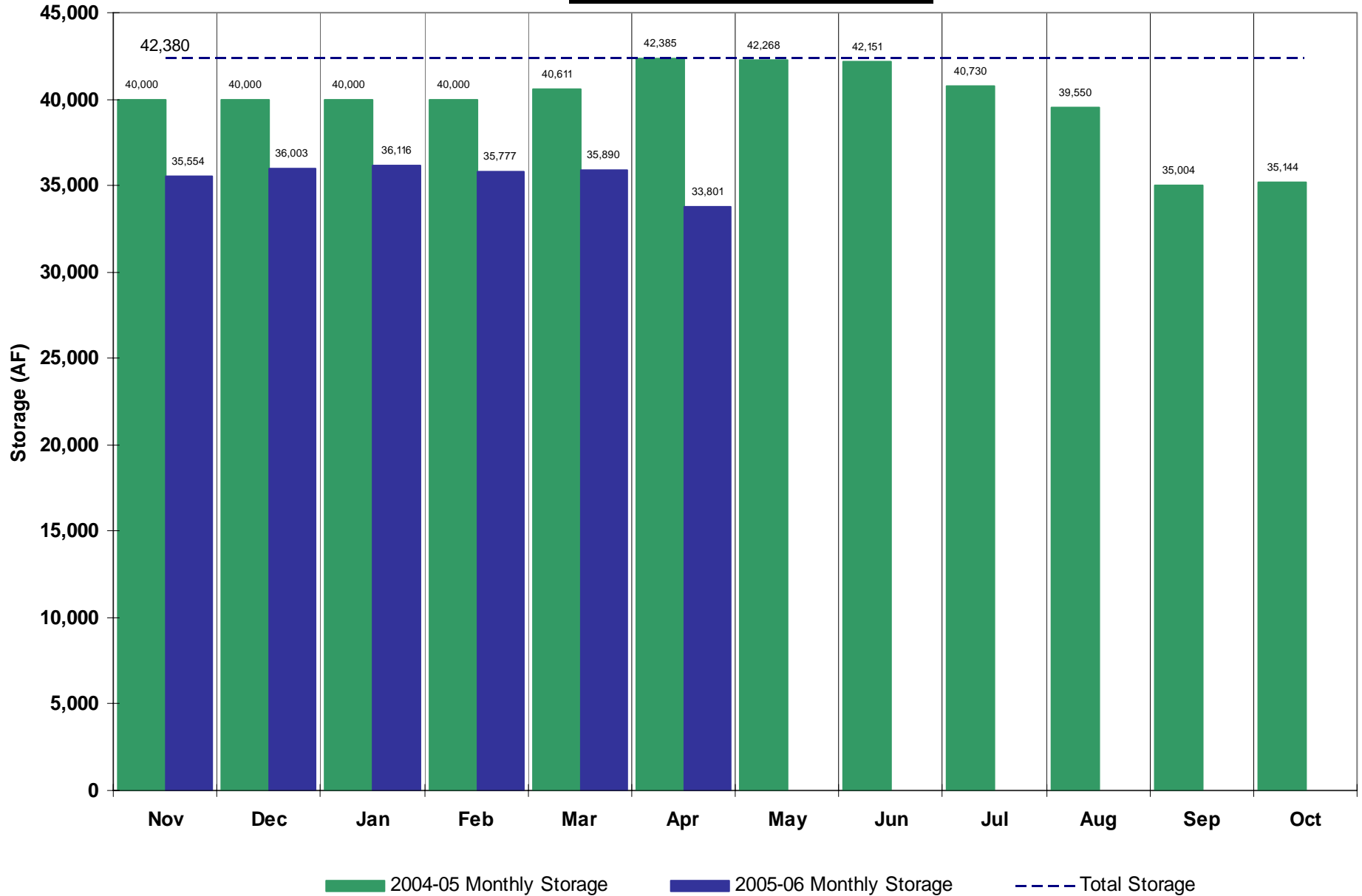
(Agricultural)



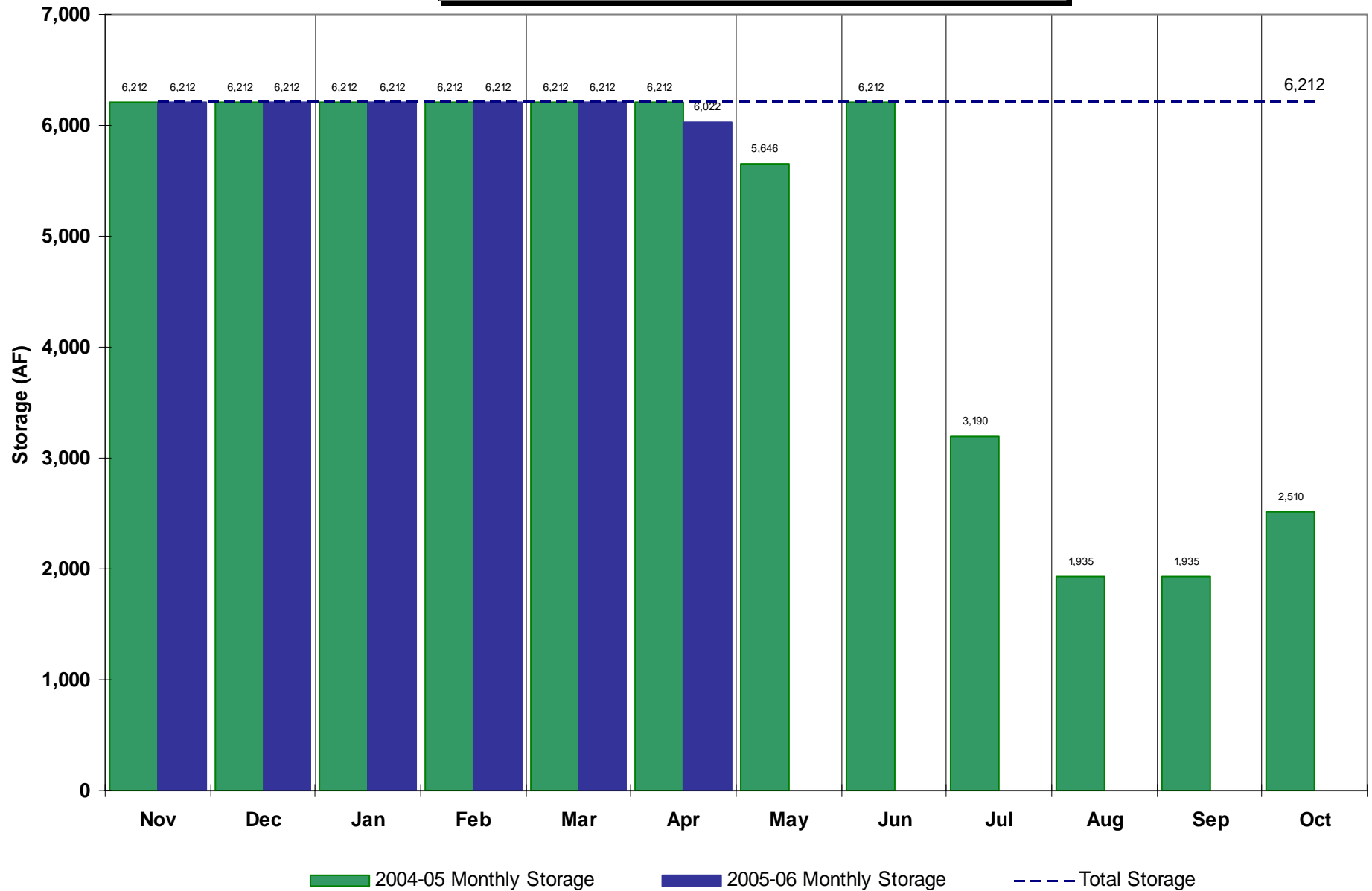
Union Reservoir (Agricultural)



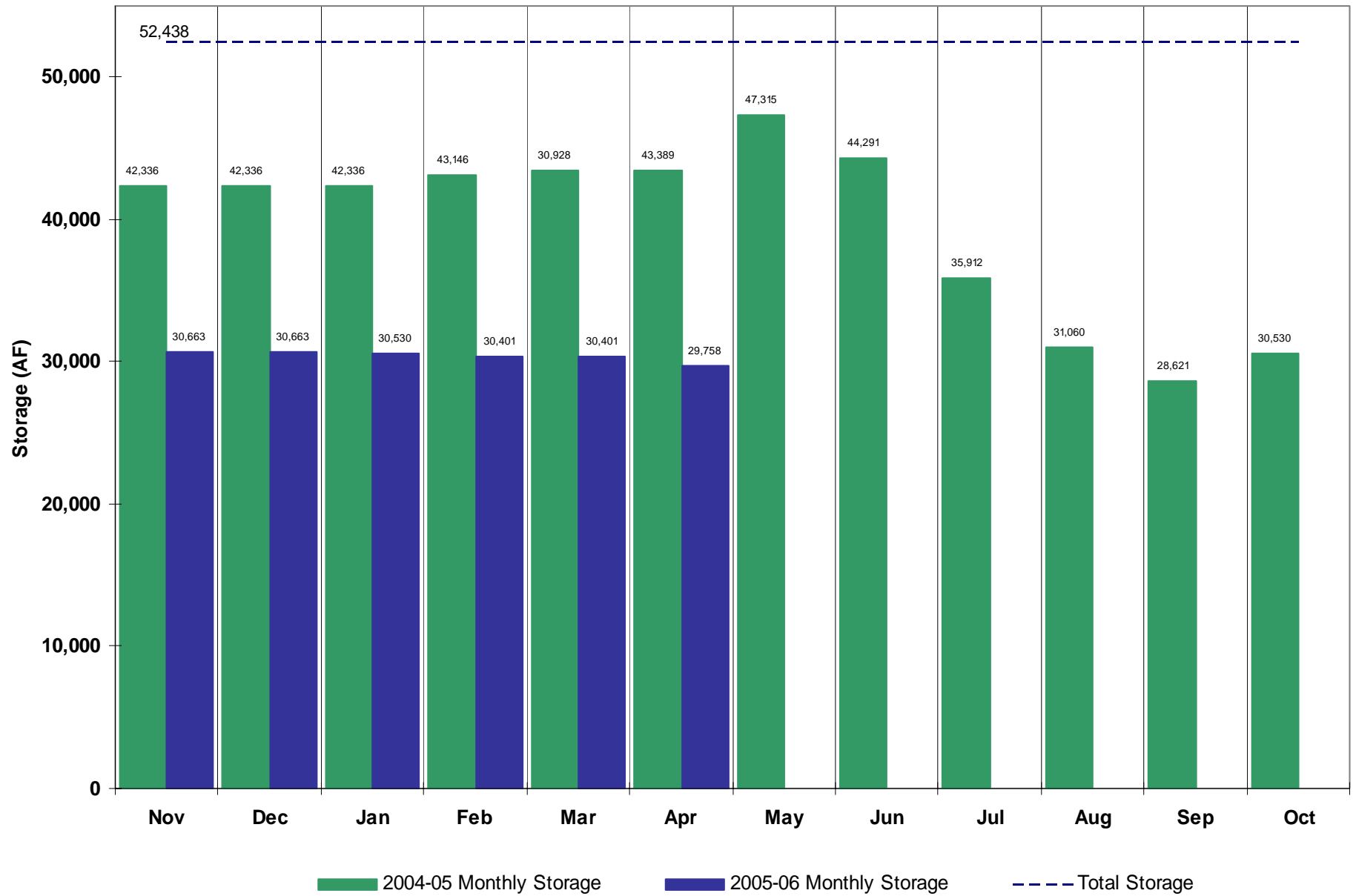
Standley Lake (Agricultural)



Lower Latham Reservoir (Agricultural)

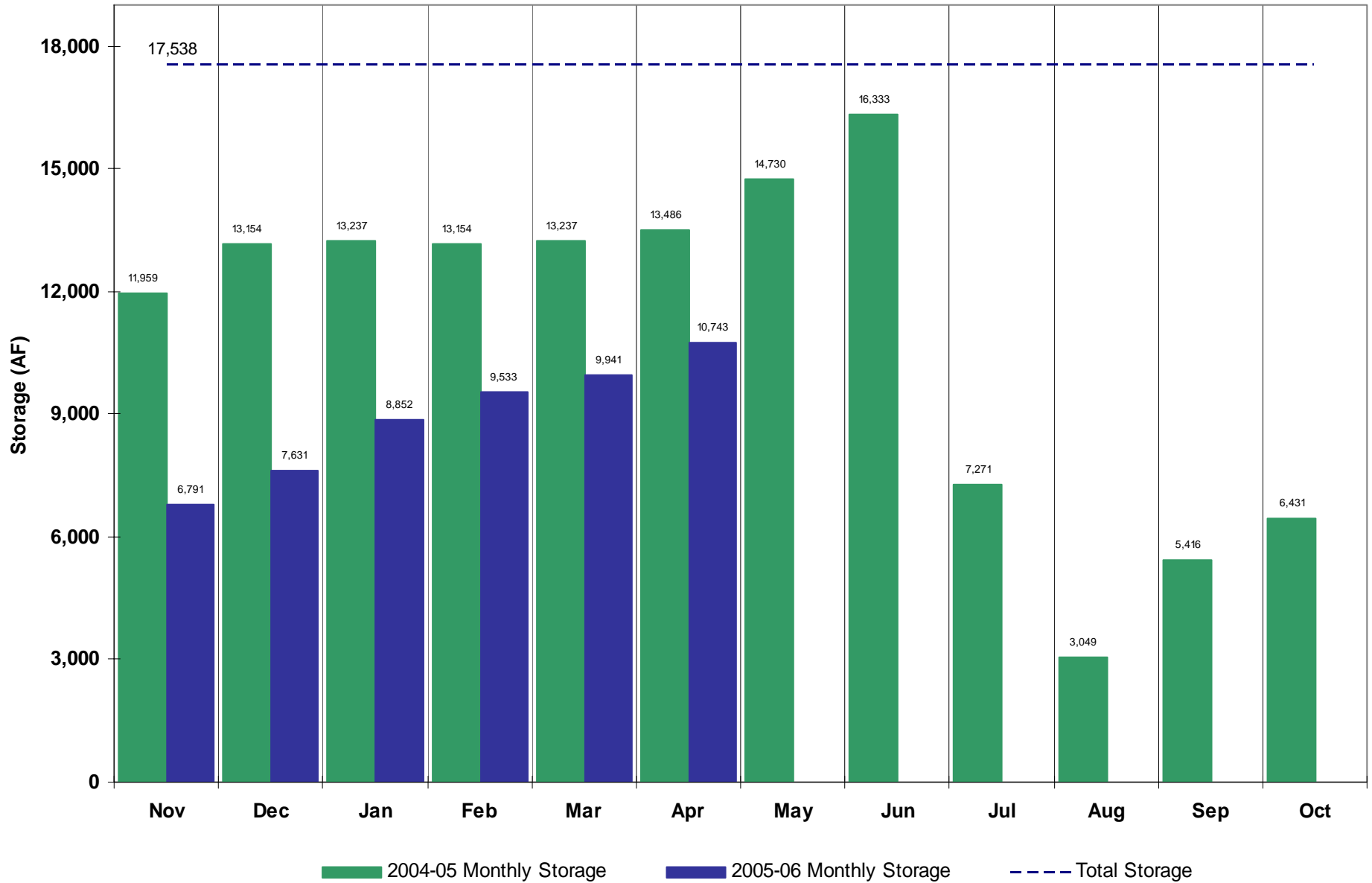


Boyd Lake (Agricultural)



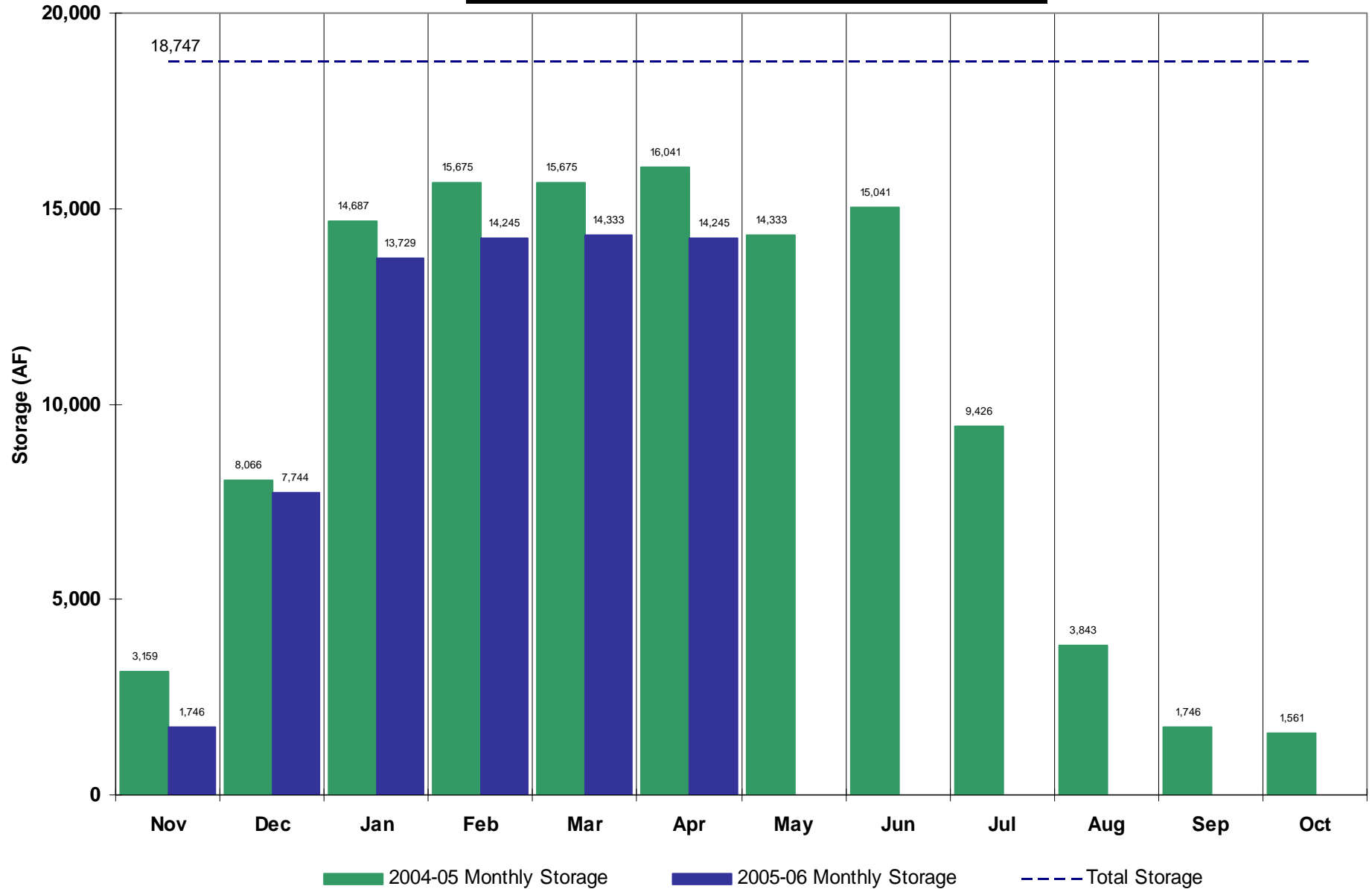
Windsor Reservoir

(Agricultural)

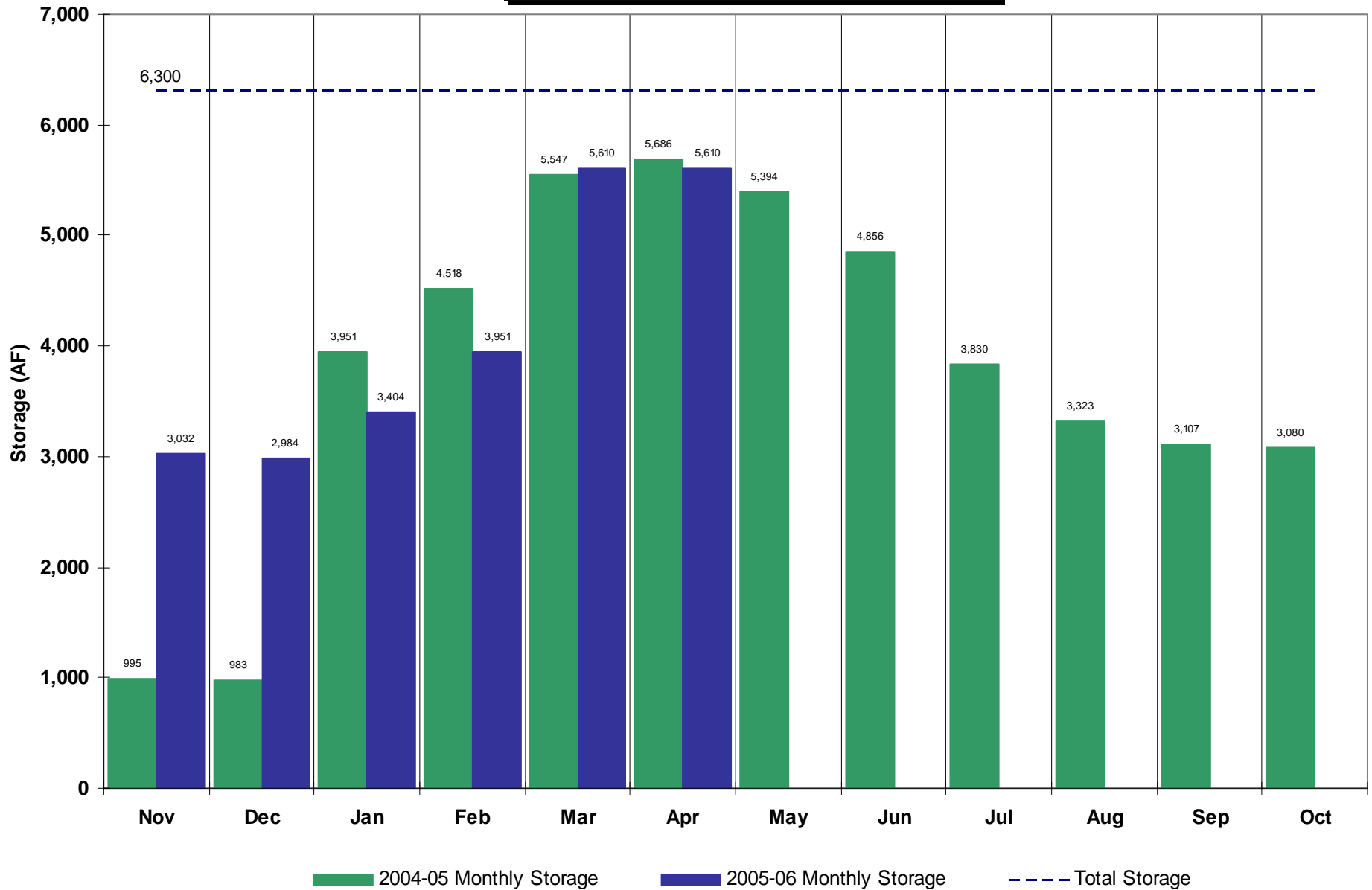


Horse Creek Reservoir

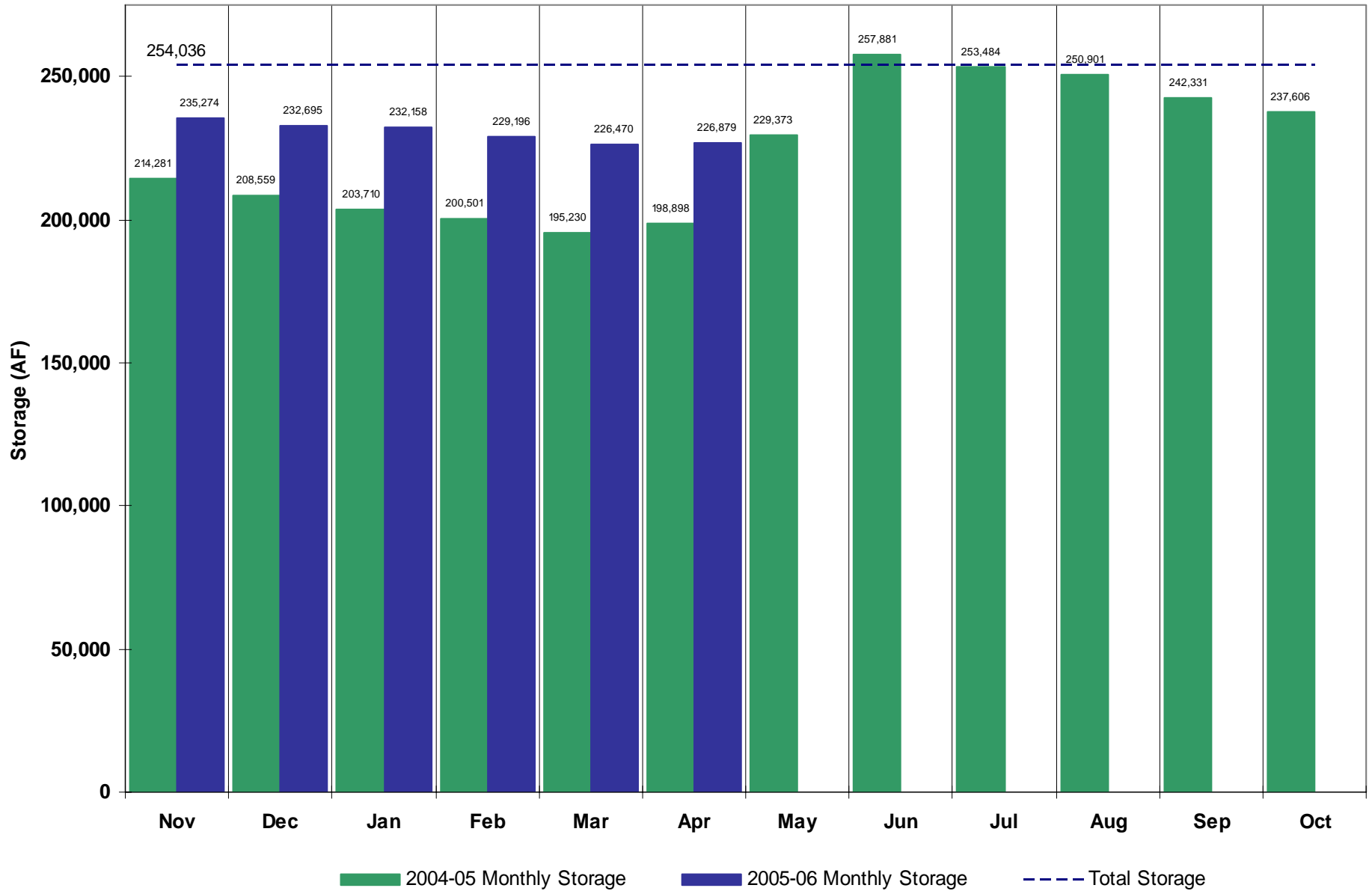
(Agricultural)



Prospect Reservoir (Agricultural)

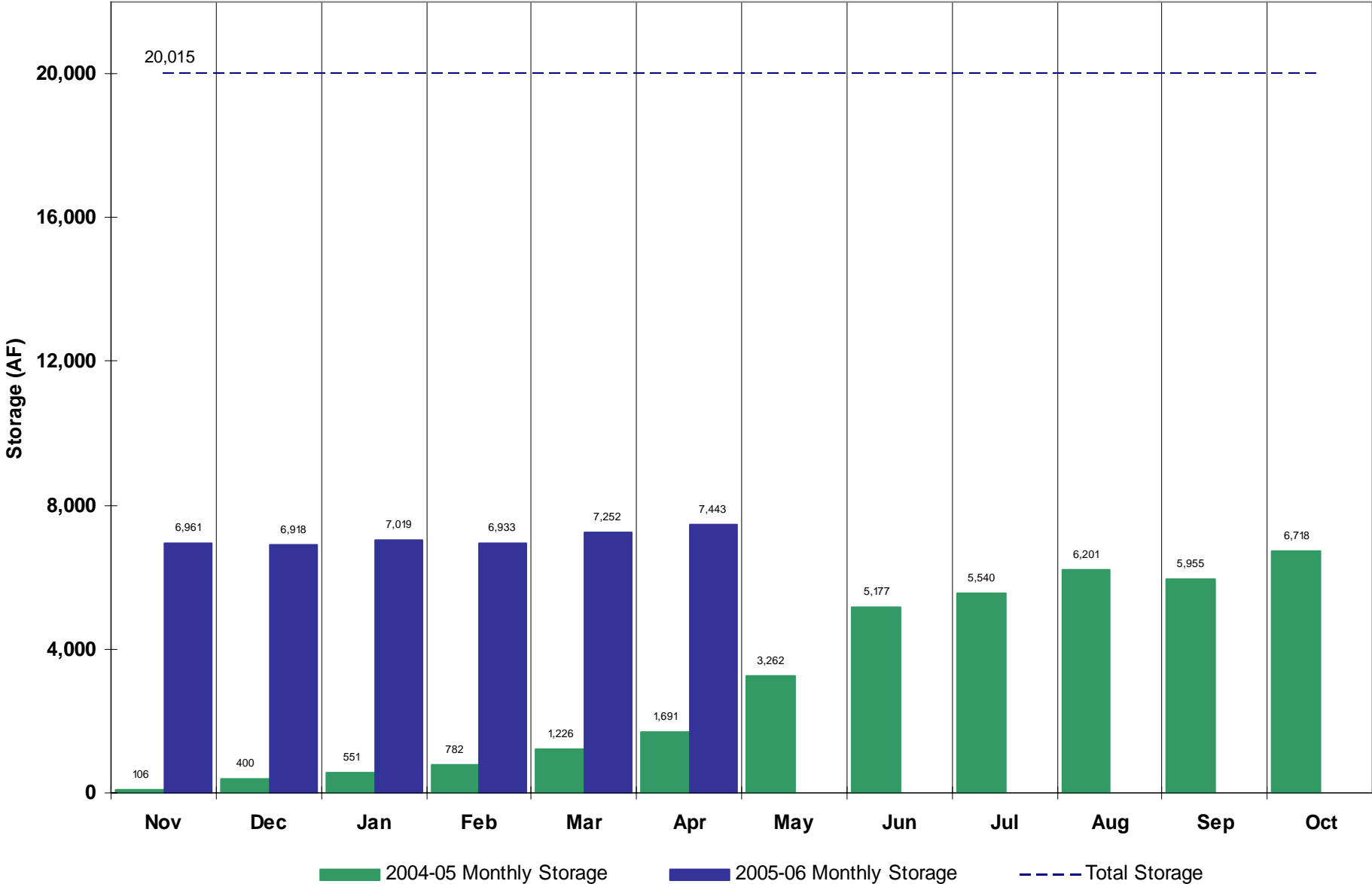


Dillon Reservoir (Municipal)



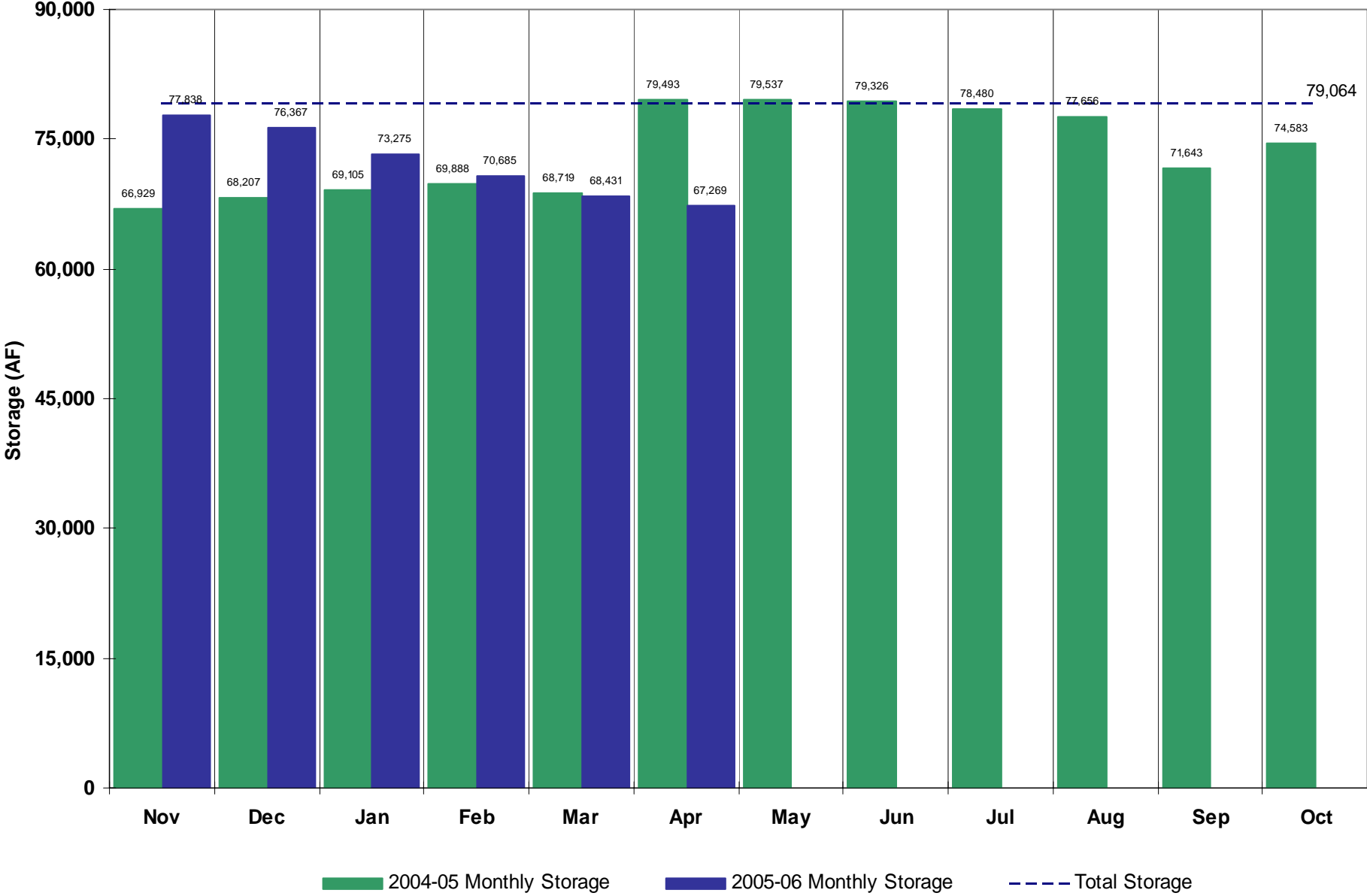
Antero Reservoir

(Municipal)

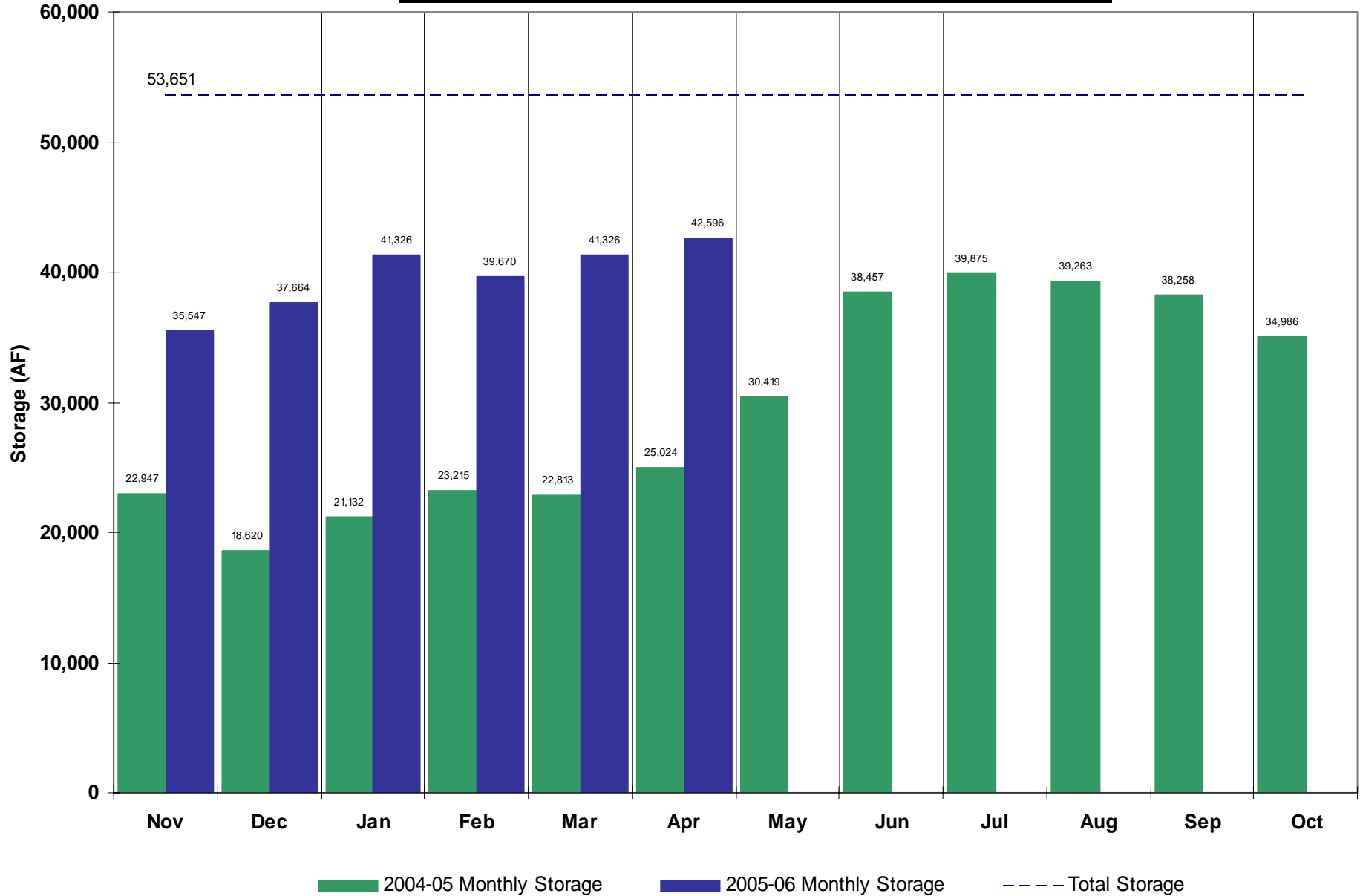


Cheesman Reservoir

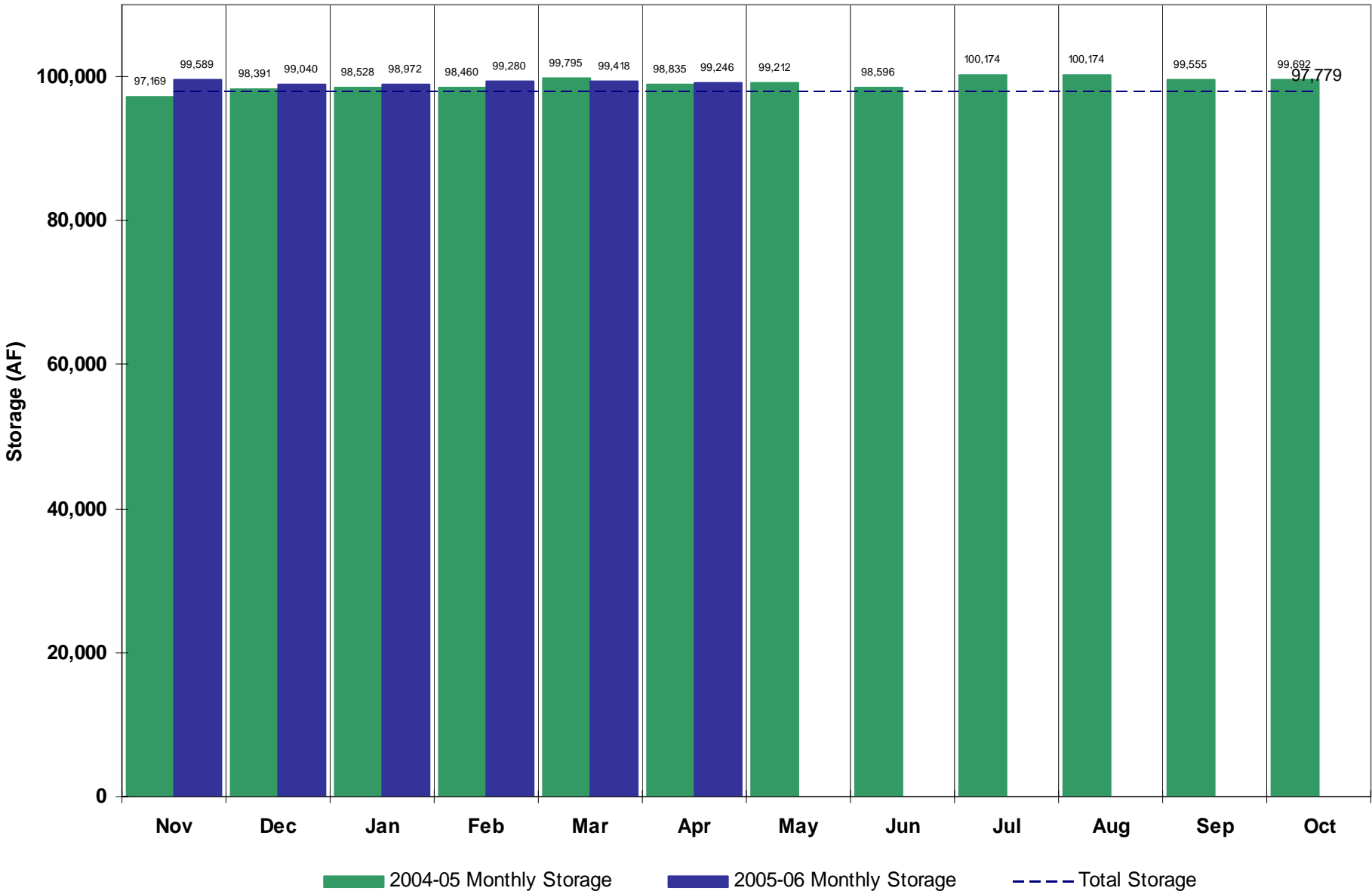
(Municipal)



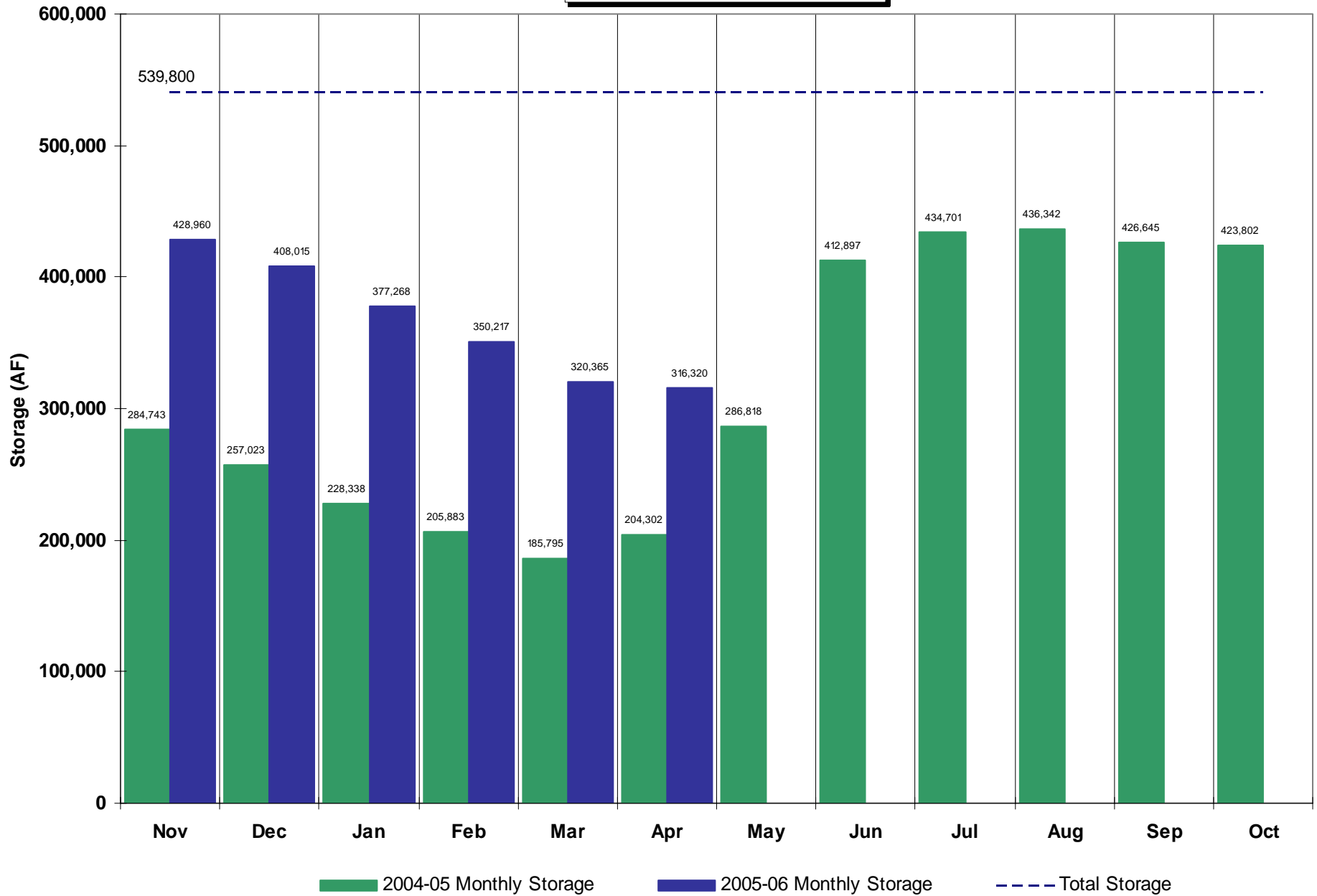
Spinney Mountain Reservoir (Municipal)



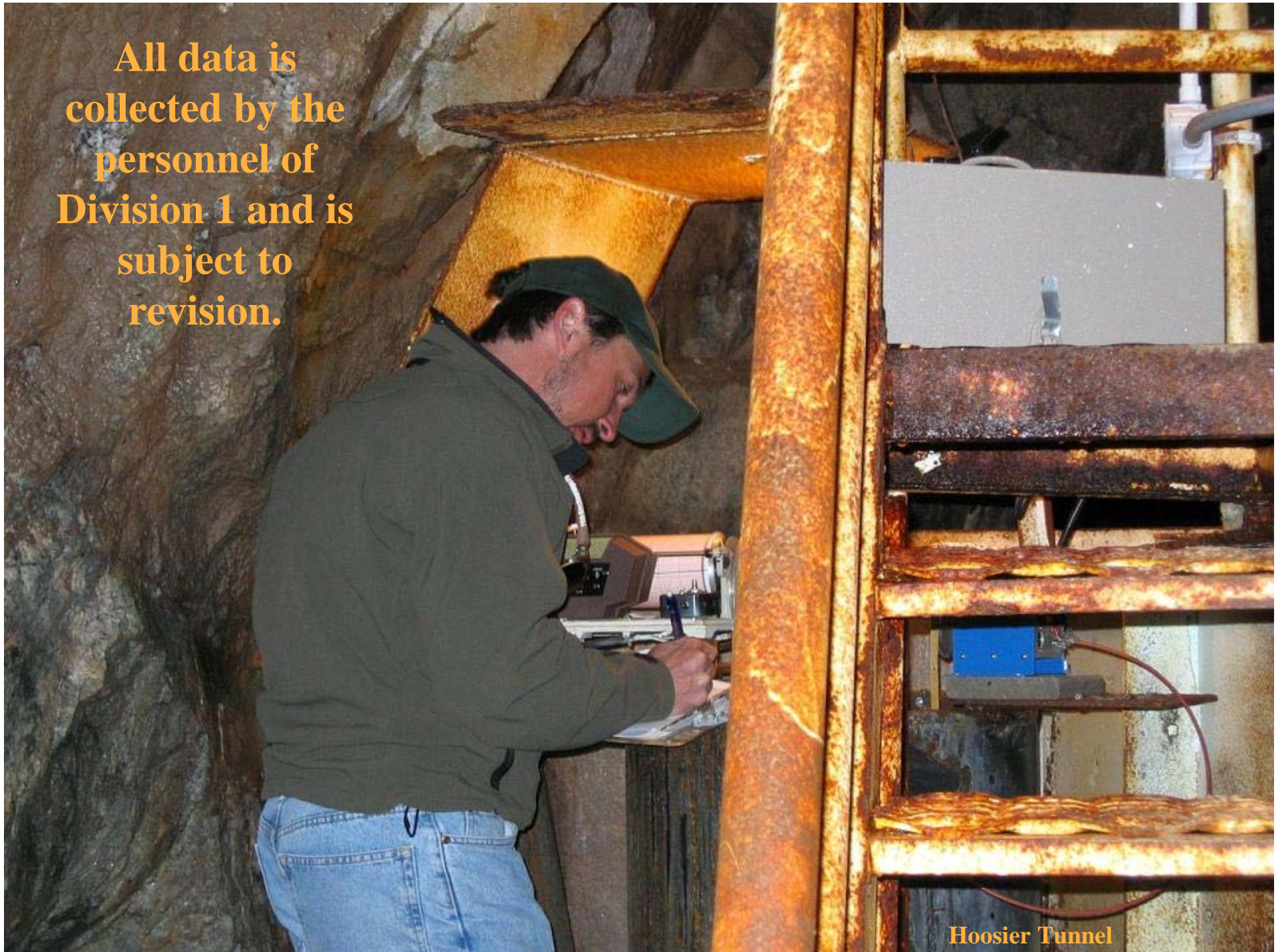
Eleven Mile Reservoir (Municipal)



Lake Granby



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



Hoosier Tunnel