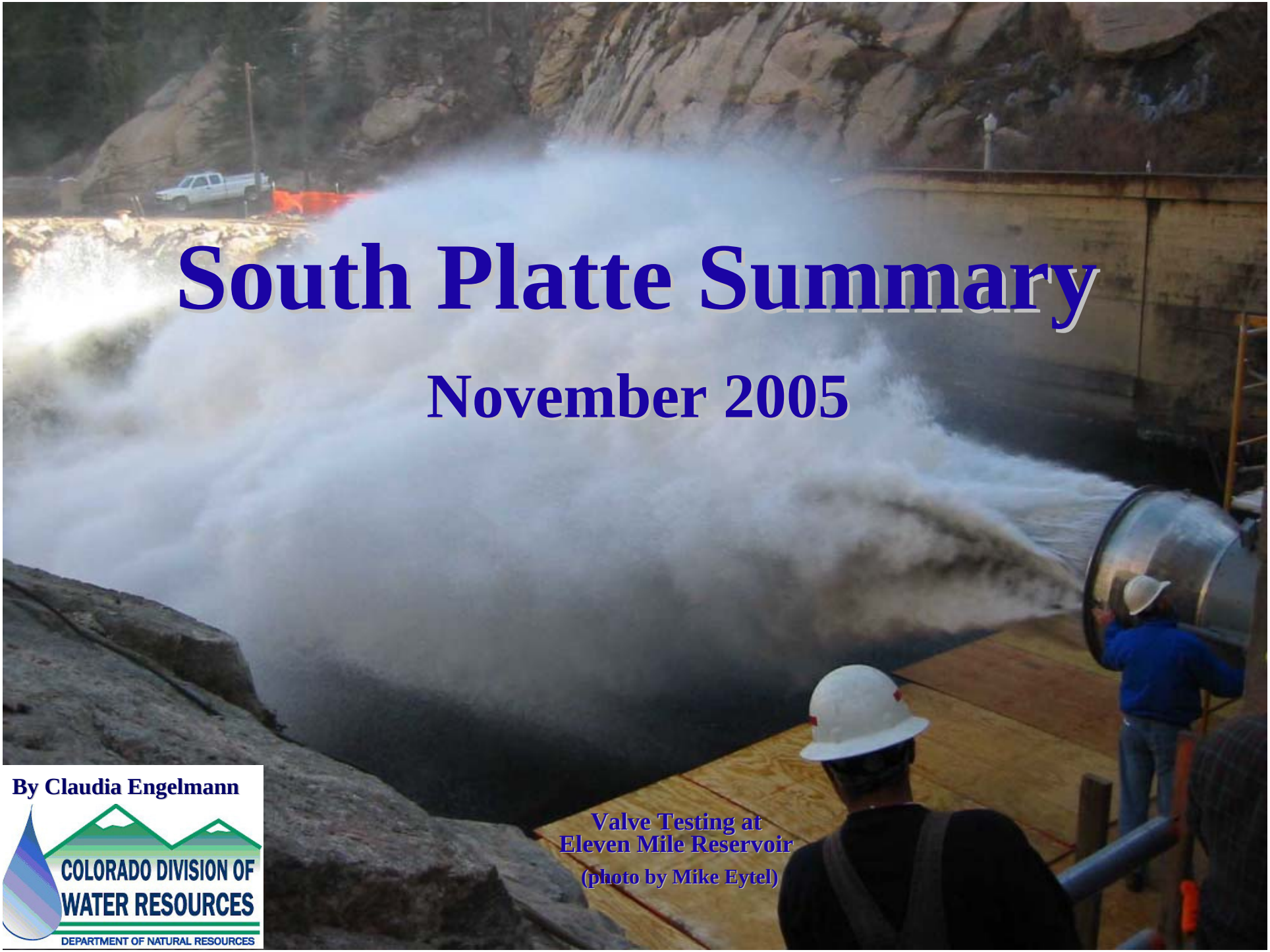
South Platte Summary

November 2005

By Claudia Engelmann

COLORADO DIVISION OF WATER RESOURCES
DEPARTMENT OF NATURAL RESOURCES



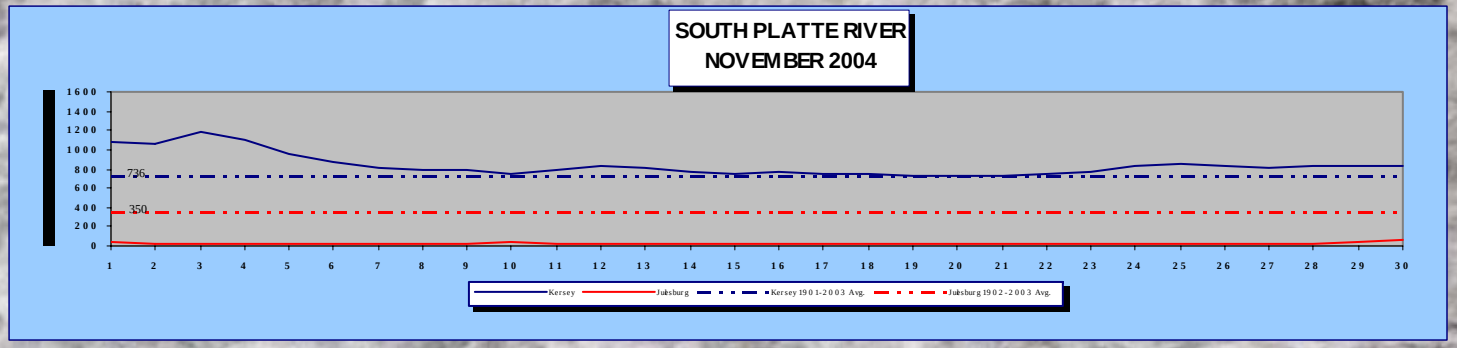
Valve Testing at
Eleven Mile Reservoir
(photo by Mike Eytel)

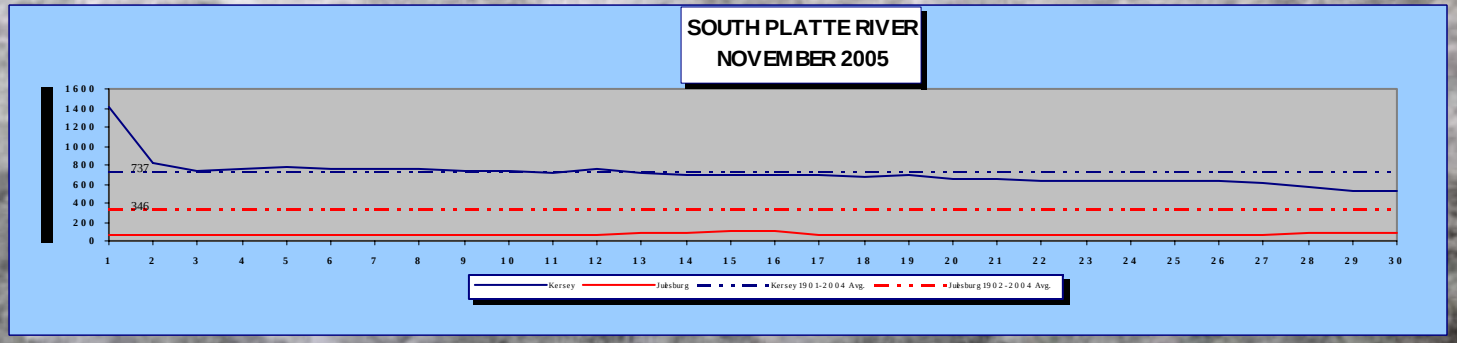
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1
MONTH OF NOVEMBER 2005

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	8,873	18,824	64	9,951	112%	83%	57%	0
N STERLING	73,730	17,770	27,140	64	9,370	53%	37%	40%	0
PREWITT	28,500	21,990	21,683	64	-307	-1%	76%	60%	0
JACKSON	27,257	16,912	25,105	1	8,193	48%	92%	51%	0
EMPIRE	37,700	2,940	8,900	1	5,960	203%	24%	20%	0
RIVERSIDE	63,113	22,856	39,293	1	16,437	72%	62%	53%	0
BARR LAKE	31,652	9,355	20,108	2	10,753	115%	64%	65%	0
CHEESMAN	79,064	74,583	77,838	80	3,255	4%	98%	85%	0
ELEVEN MILE	97,779	99,692	99,589	23	-103	0%	100%	99%	1,810
SPINNEY	53,651	34,986	35,547	23	561	2%	66%	43%	0
ANTERO	20,015	6,718	6,961	23	243	4%	35%	1%	0

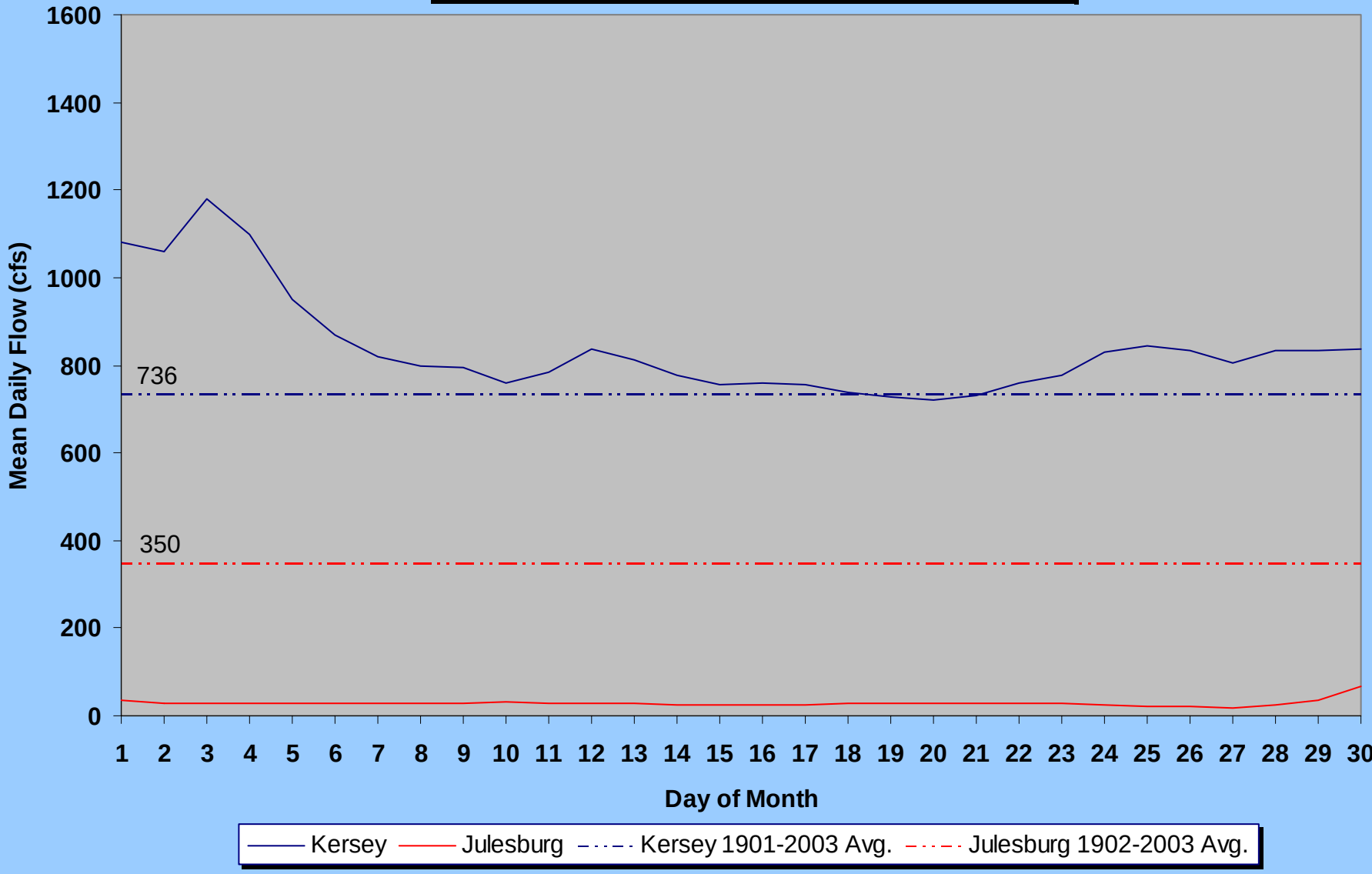
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	709
JULESBURG	71
THIS MONTH LAST YEAR	
KERSEY	839
JULESBURG	28
MEAN FOR PERIOD OF RECORD*	
KERSEY	737
JULESBURG	346

* 1901-2004
1902-2004

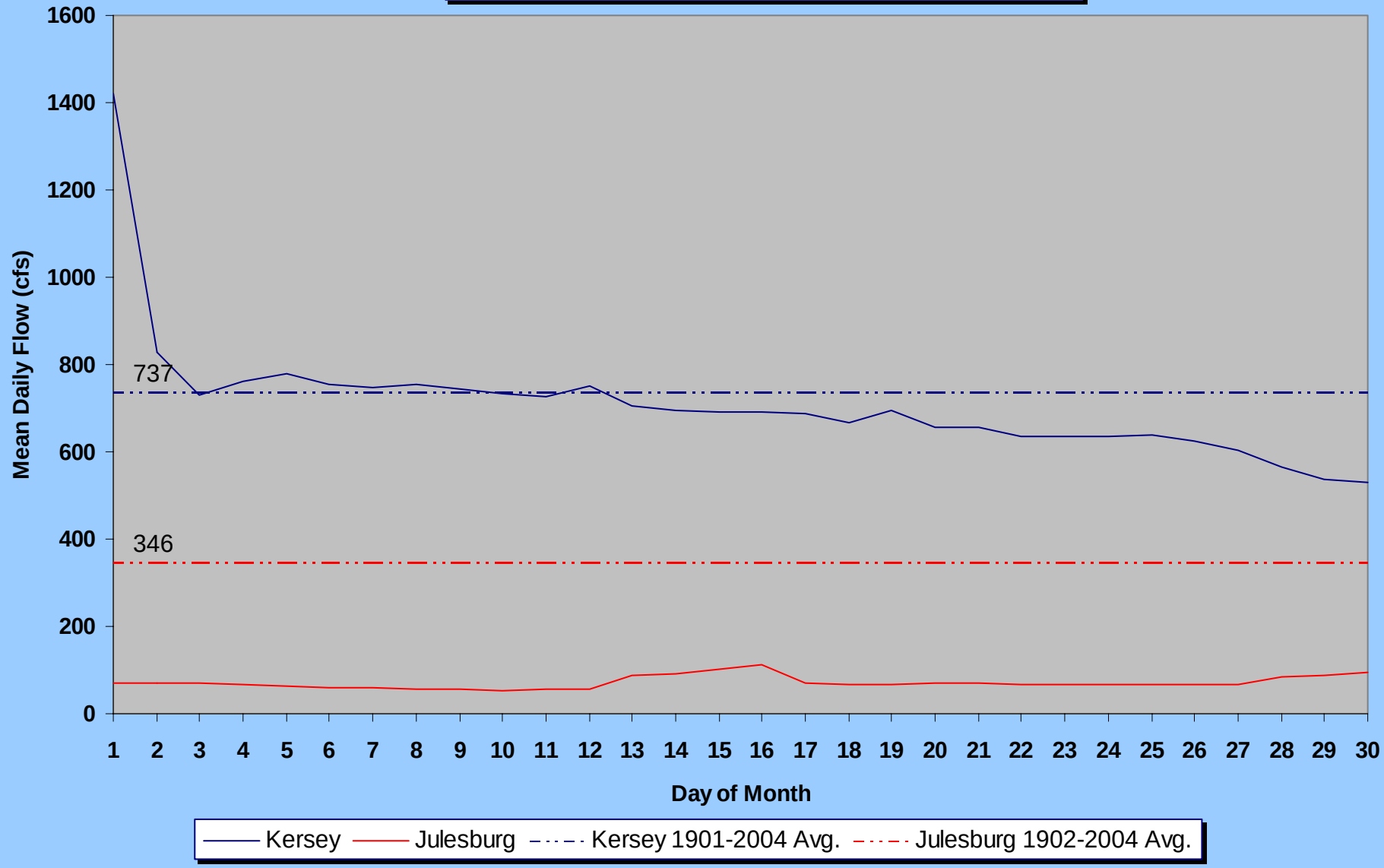




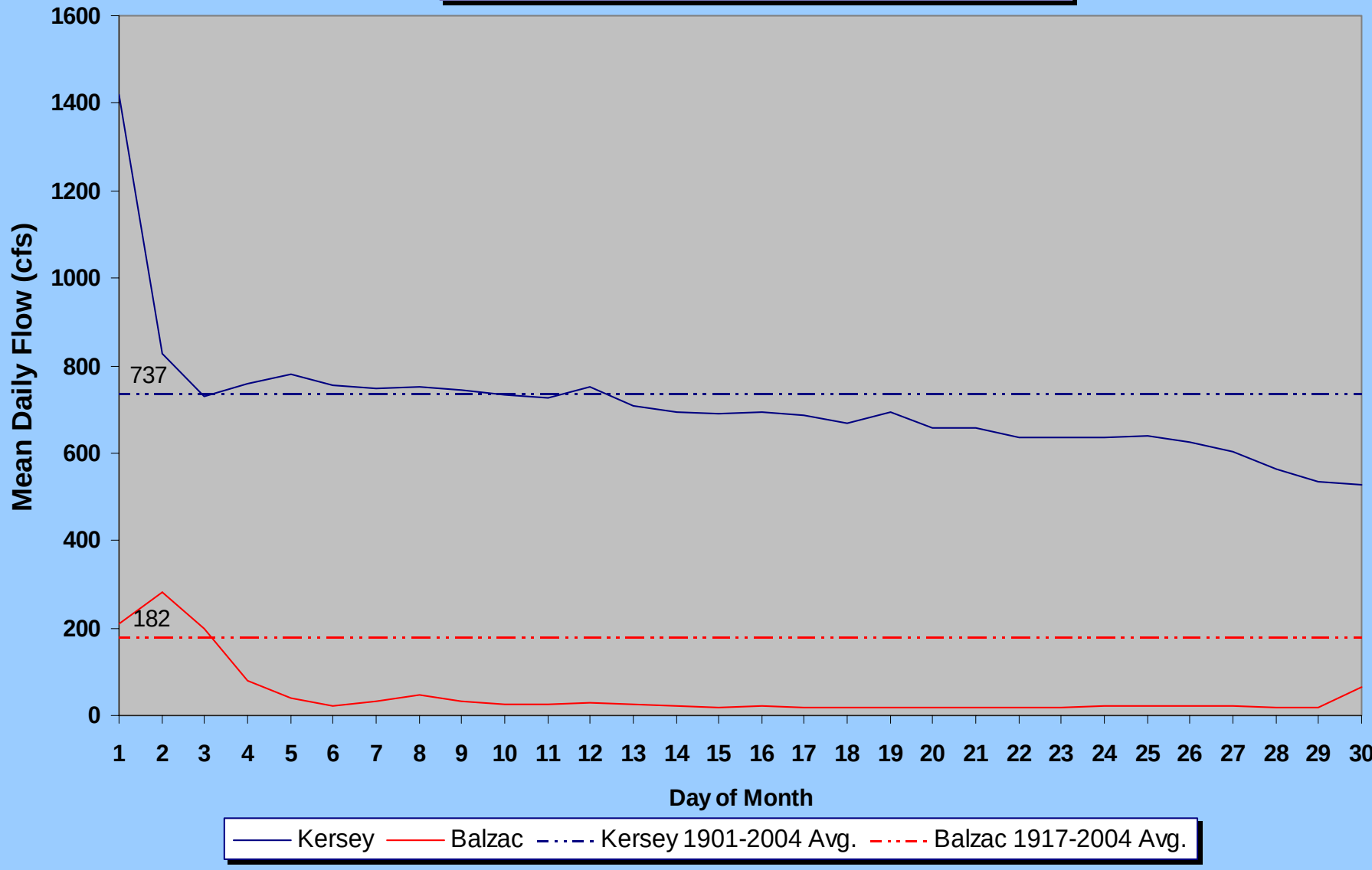
SOUTH PLATTE RIVER
NOVEMBER 2004



SOUTH PLATTE RIVER
NOVEMBER 2005



KERSEY and BALZAC
NOVEMBER 2005



South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey

Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2006 Mean Monthly Flow
Nov	737	3650	1984	70	1934	709
Dec	684	1890	1961	91	1934	
Jan	656	2160	1974	158	1935	
Feb	673	3060	1914	152	1935	
Mar	686	3470	1983	80	1935	
Apr	849	18100	1942	28	1955	
May	1766	26100	1973	29	1955	
Jun	2336	31000	1921	52	1954	
Jul	670	12600	1983	44	1955	
Aug	506	9690	1951	65	1934	
Sep	517	14200	1938	62	1940	
Oct	662	6180	1984	66	1954	

*Period of record 1901-2004

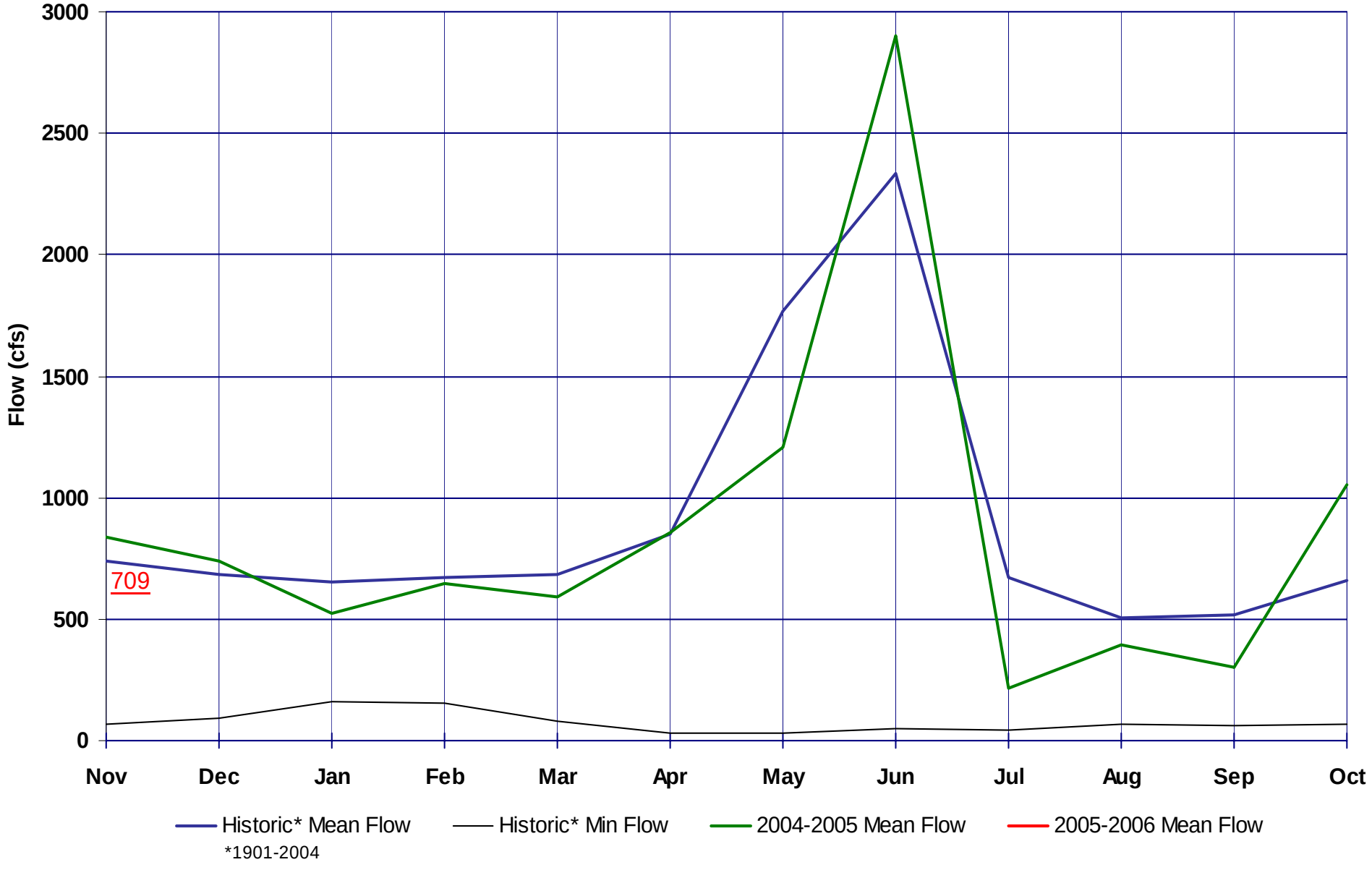
South Platte River at Julesburg

Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2006 Mean Monthly Flow
Nov	346	2900	1984	4.2	1903	71
Dec	408	1820	1984	13	2002	
Jan	526	2510	1970	21	2003	
Feb	604	3220	1930	22	2004	
Mar	545	12900	1910	15	1904	
Apr	540	14400	1942	4.0	1904	
May	1043	18100	1973	12	1911	
Jun	1459	30800	1921	2.0	1910	
Jul	300	12600	1983	0.0	1903	
Aug	184	8920	1968	0.0	1903	
Sep	245	7130	1938	2.0	1902	
Oct	308	3130	1984	4.2	1903	

*Period of record 1902-2004

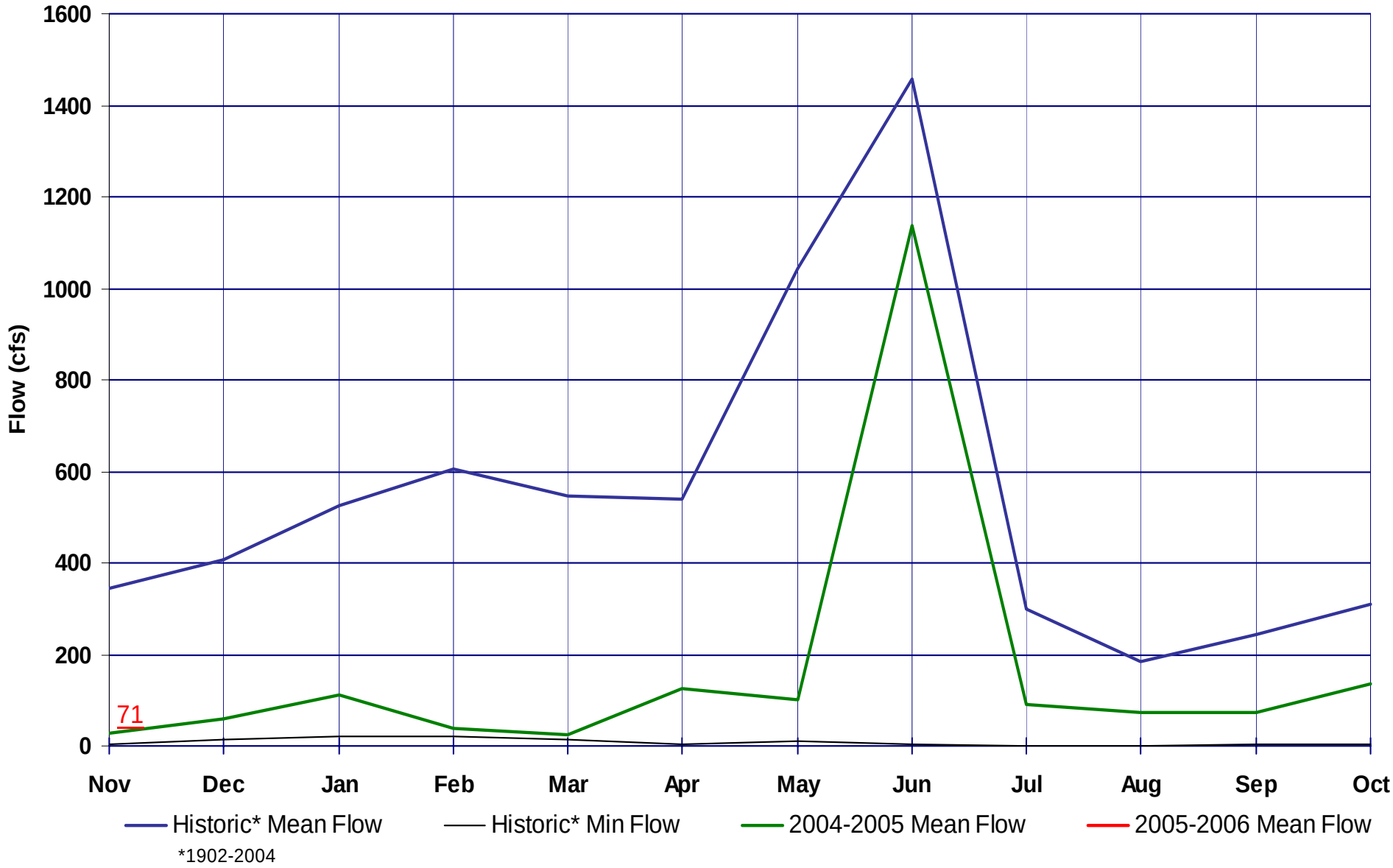
South Platte River at Kersey

Irrigation Water Year



South Platte River at Julesburg

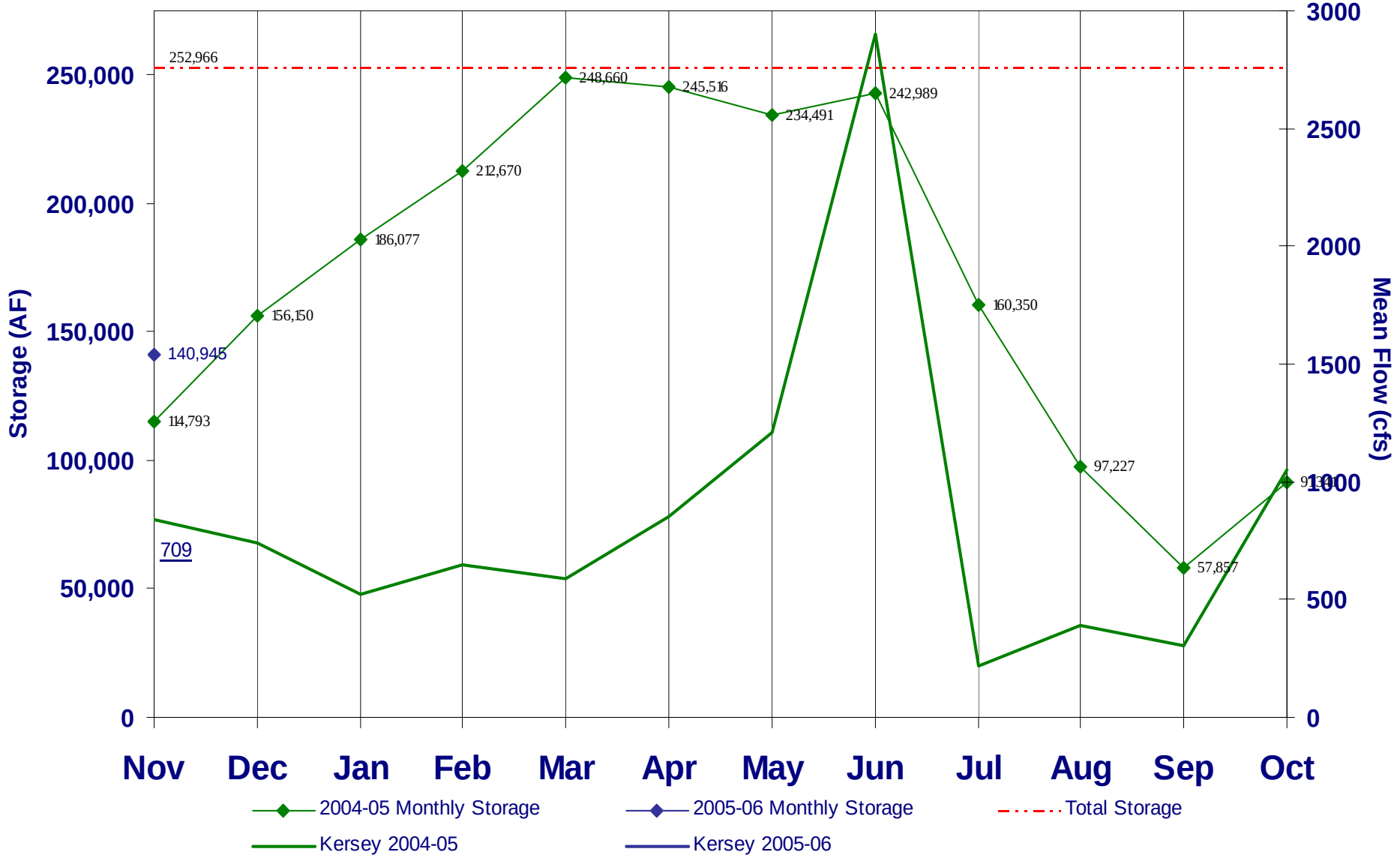
Irrigation Water Year



Dam Safety Training at Lake Arrowhead

Reservoir Storage below Kersey

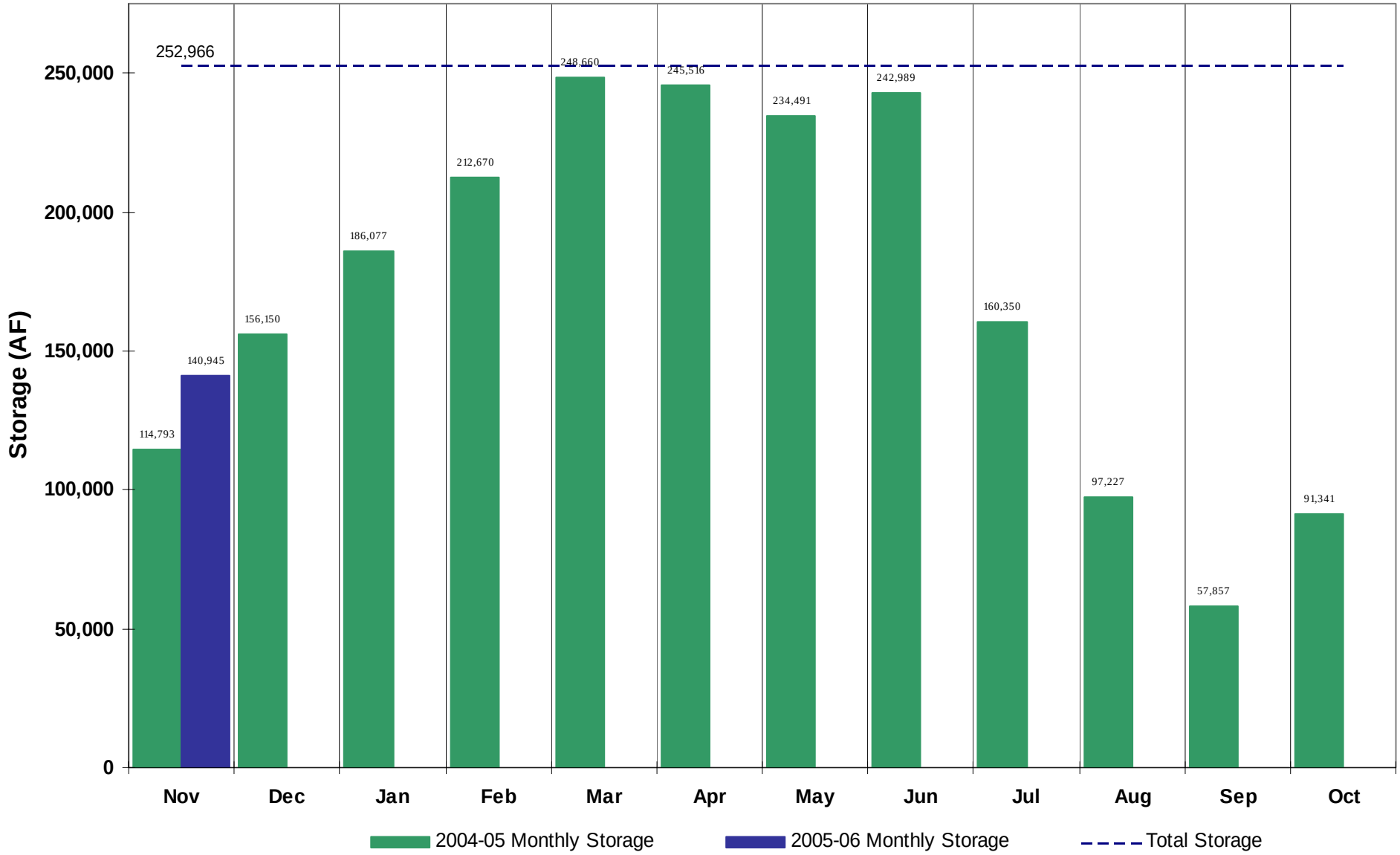
Selected Reservoirs*



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

South Platte Reservoirs

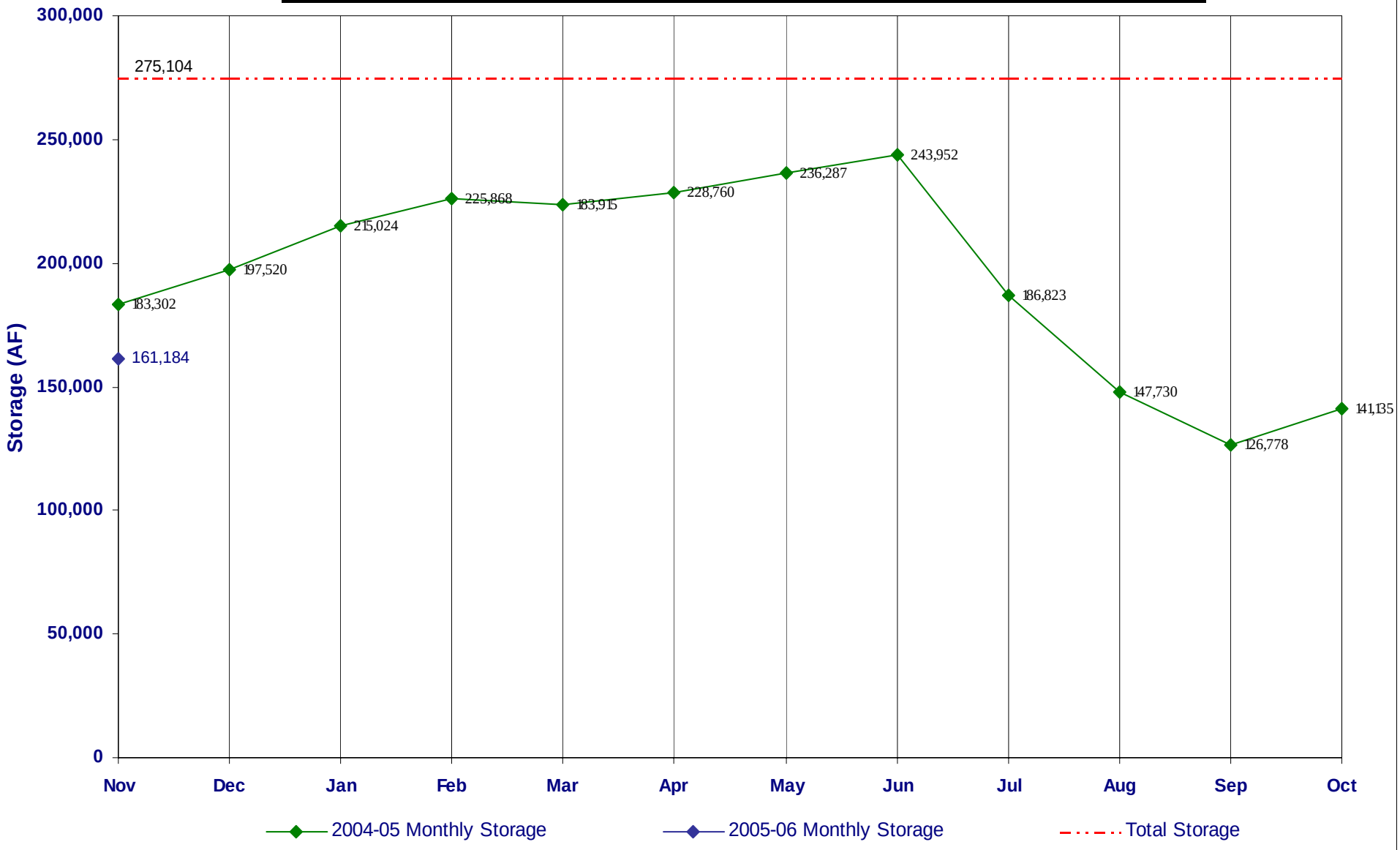
Storage below Kersey*



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

Reservoir Storage above Kersey

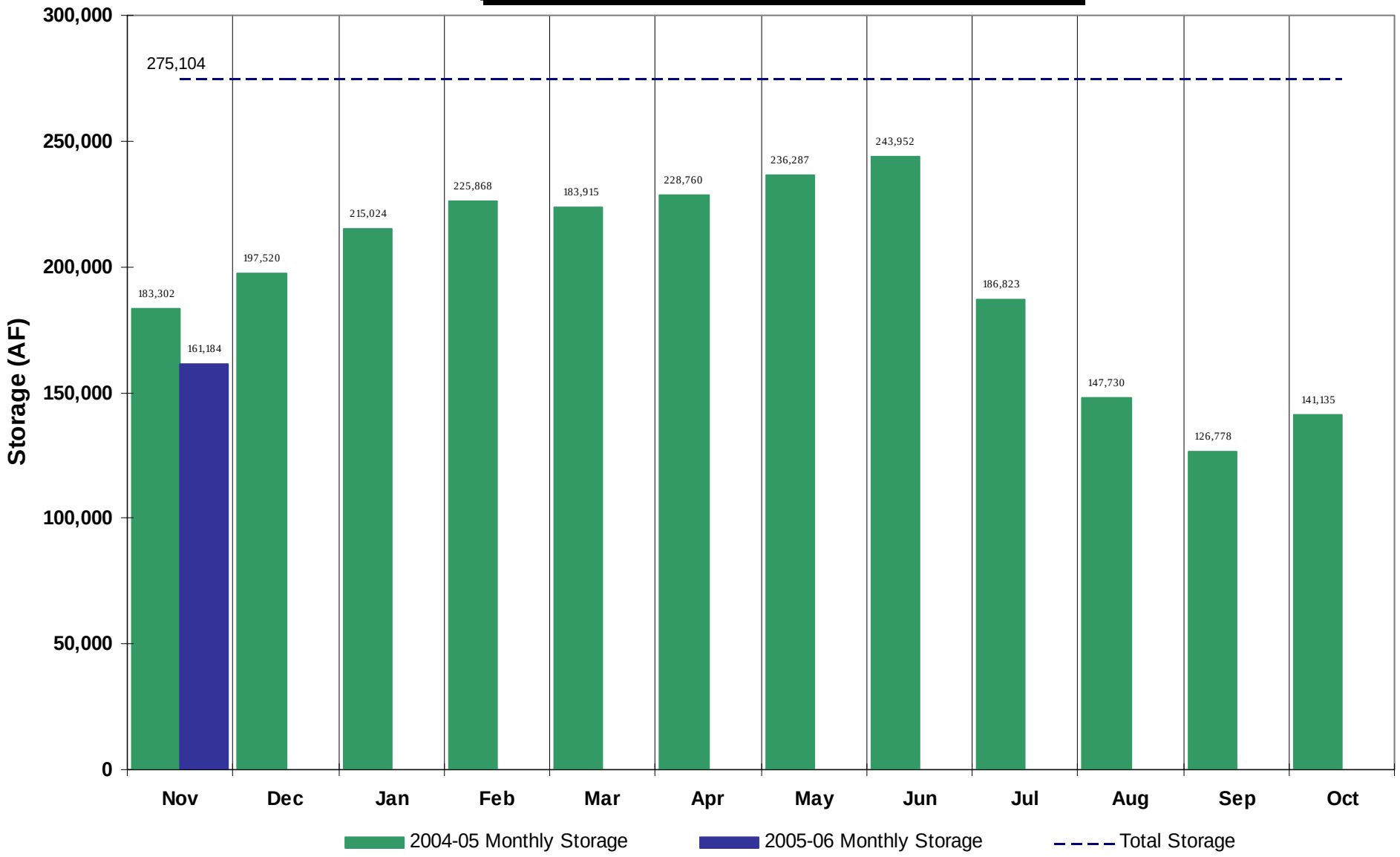
Selected Reservoirs*



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

South Platte Reservoirs

Storage above Kersey*

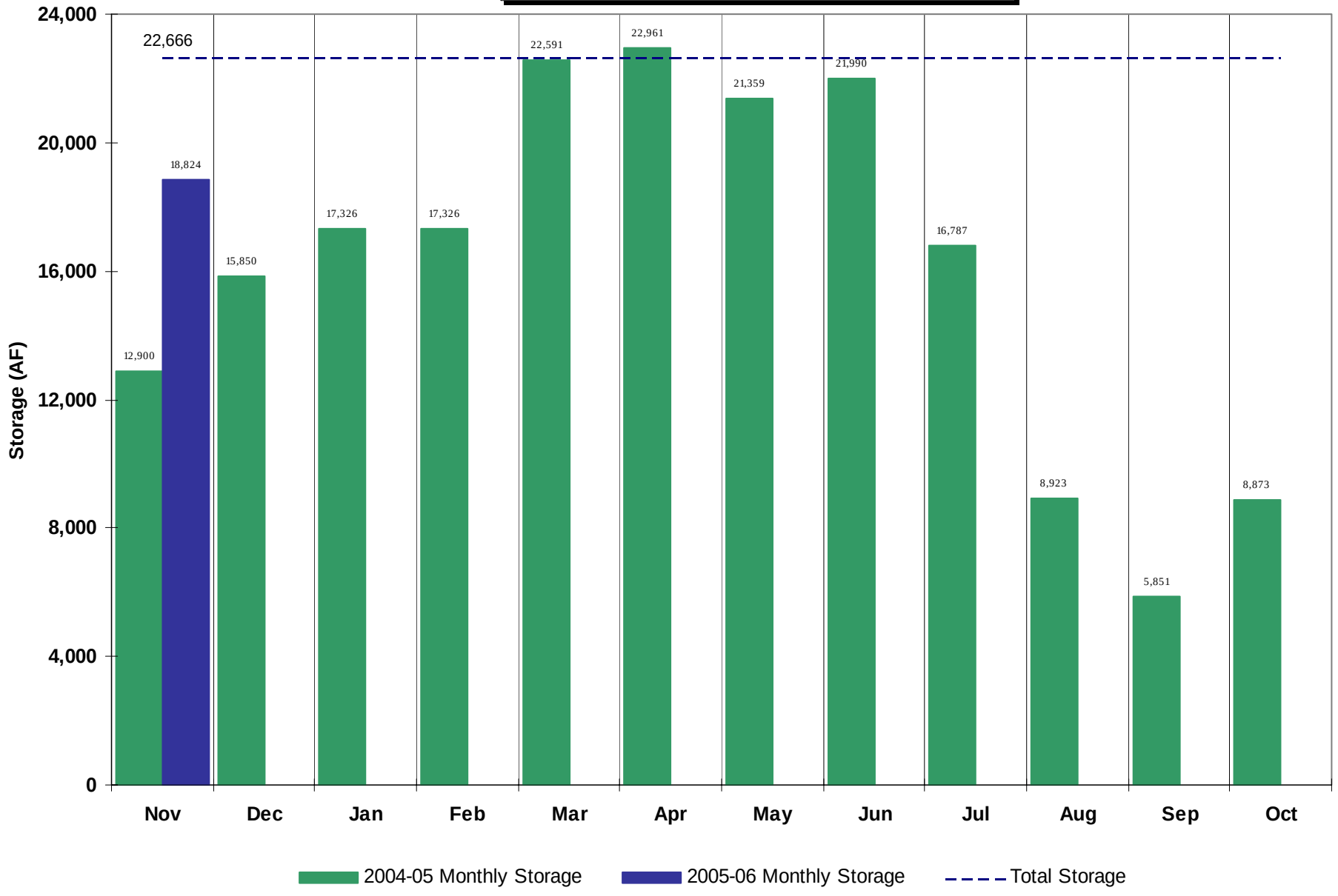


*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect


Individual
Reservoir Storage
Follows

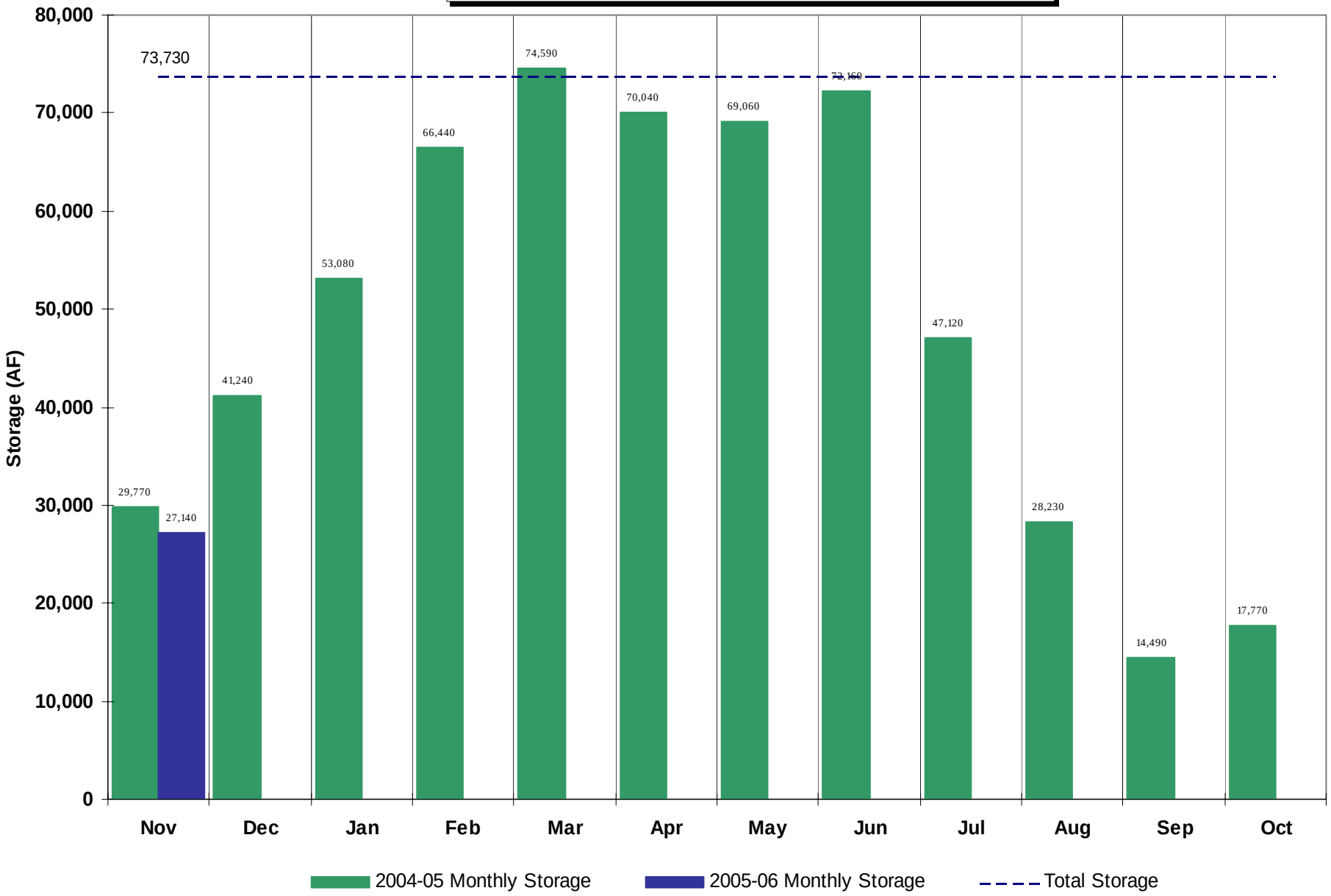
Julesburg Reservoir

(Agricultural)



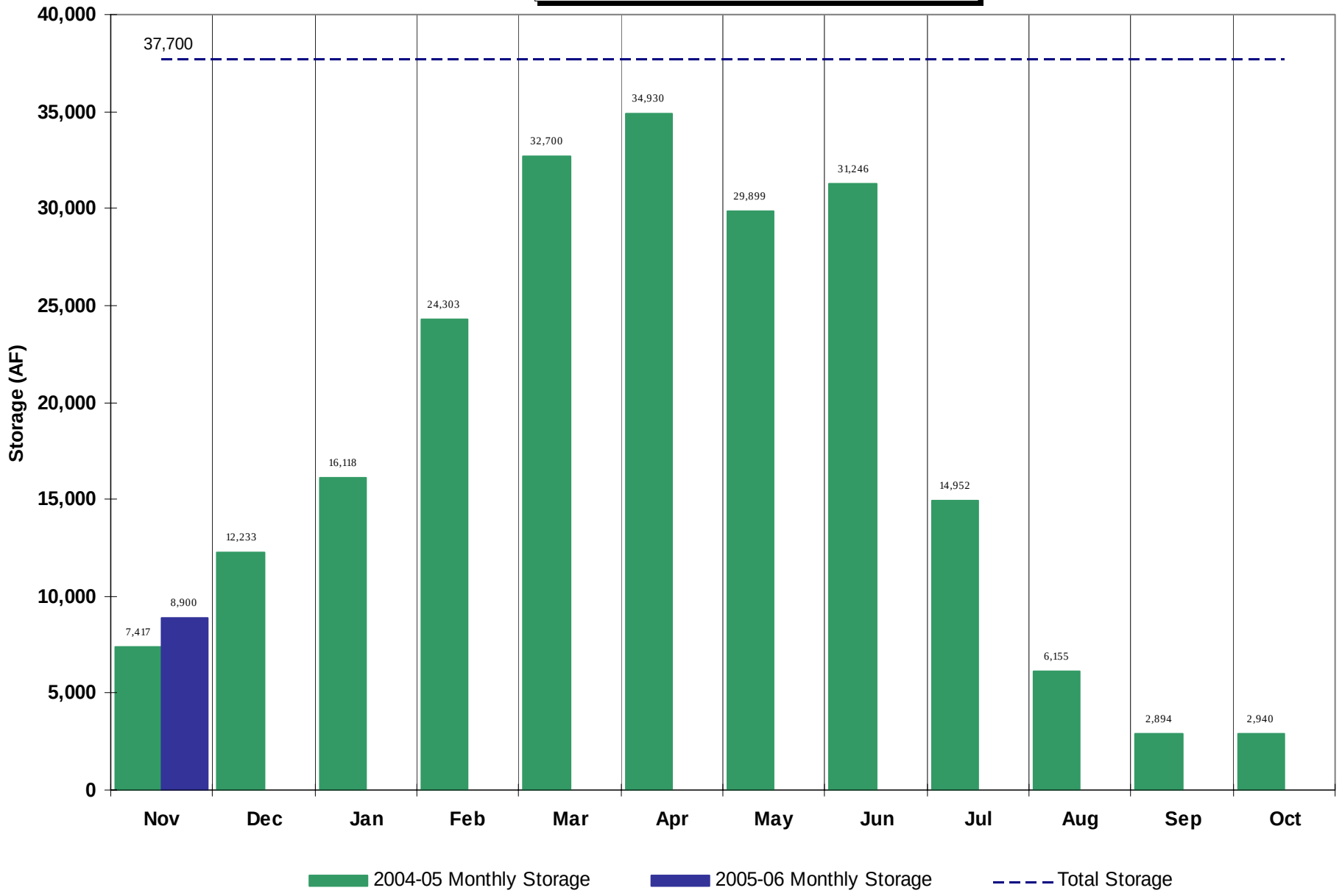
North Sterling Reservoir

(Agricultural)



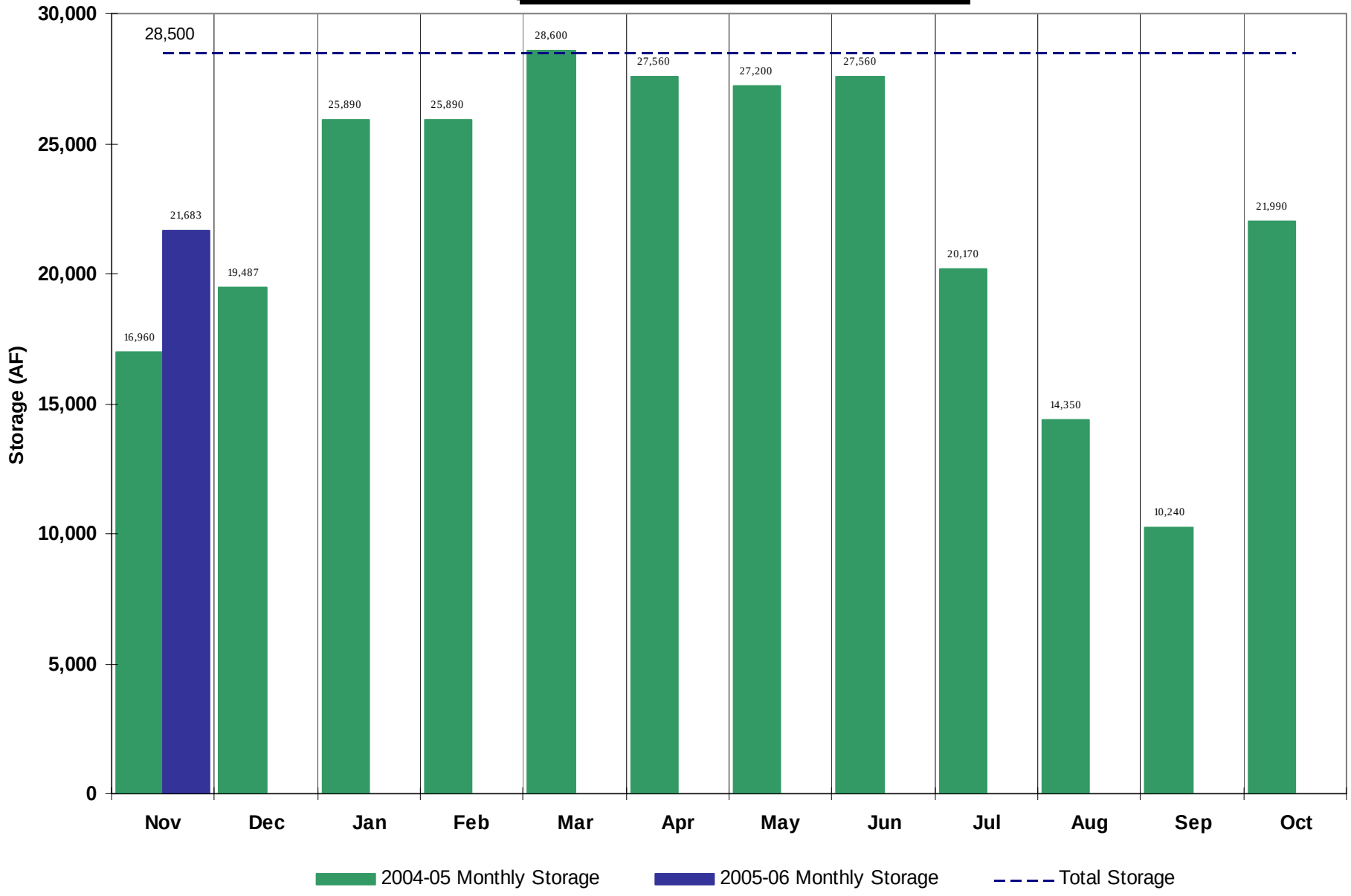
Empire Reservoir

(Agricultural)



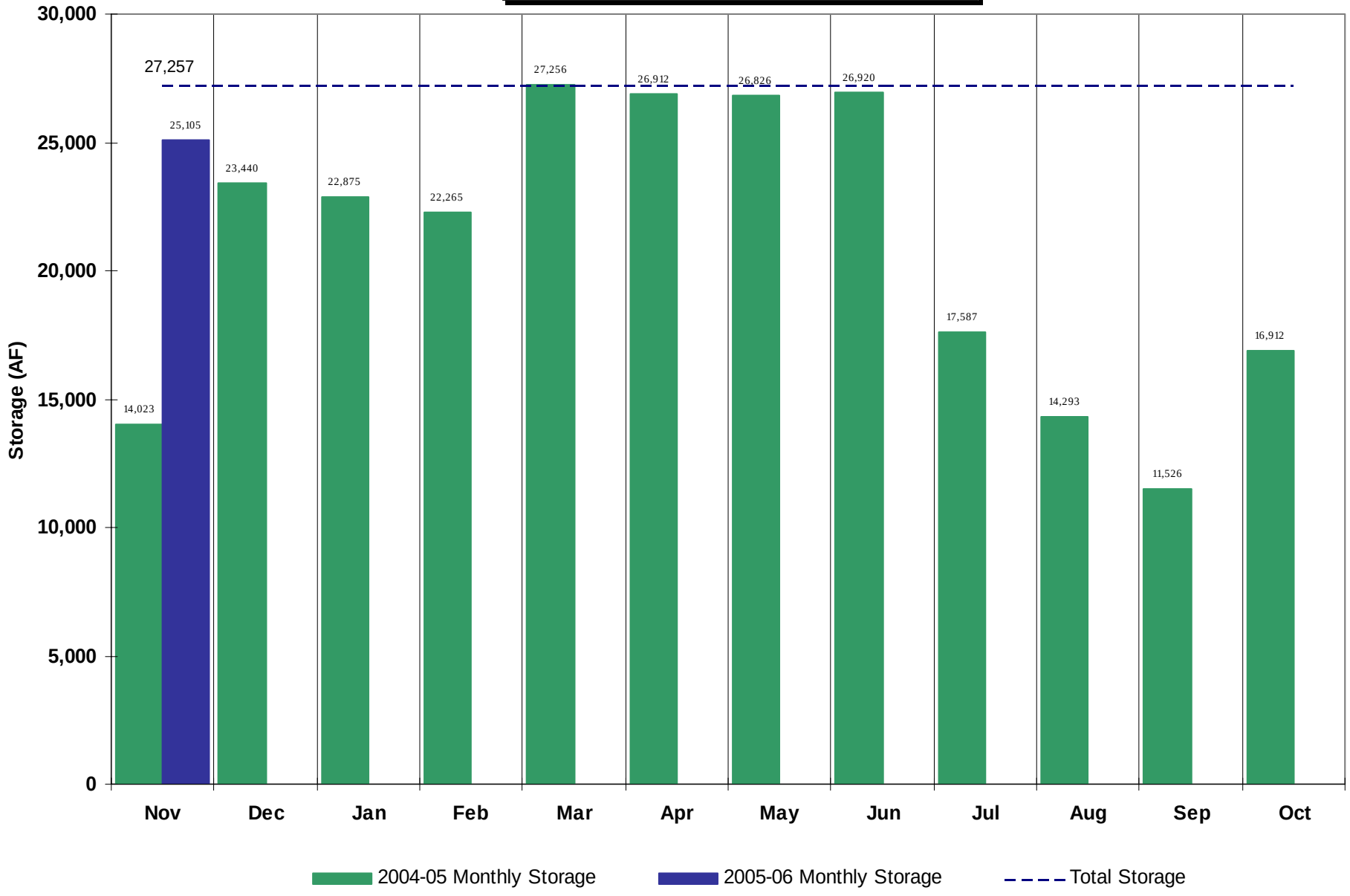
Prewitt Reservoir

(Agricultural)



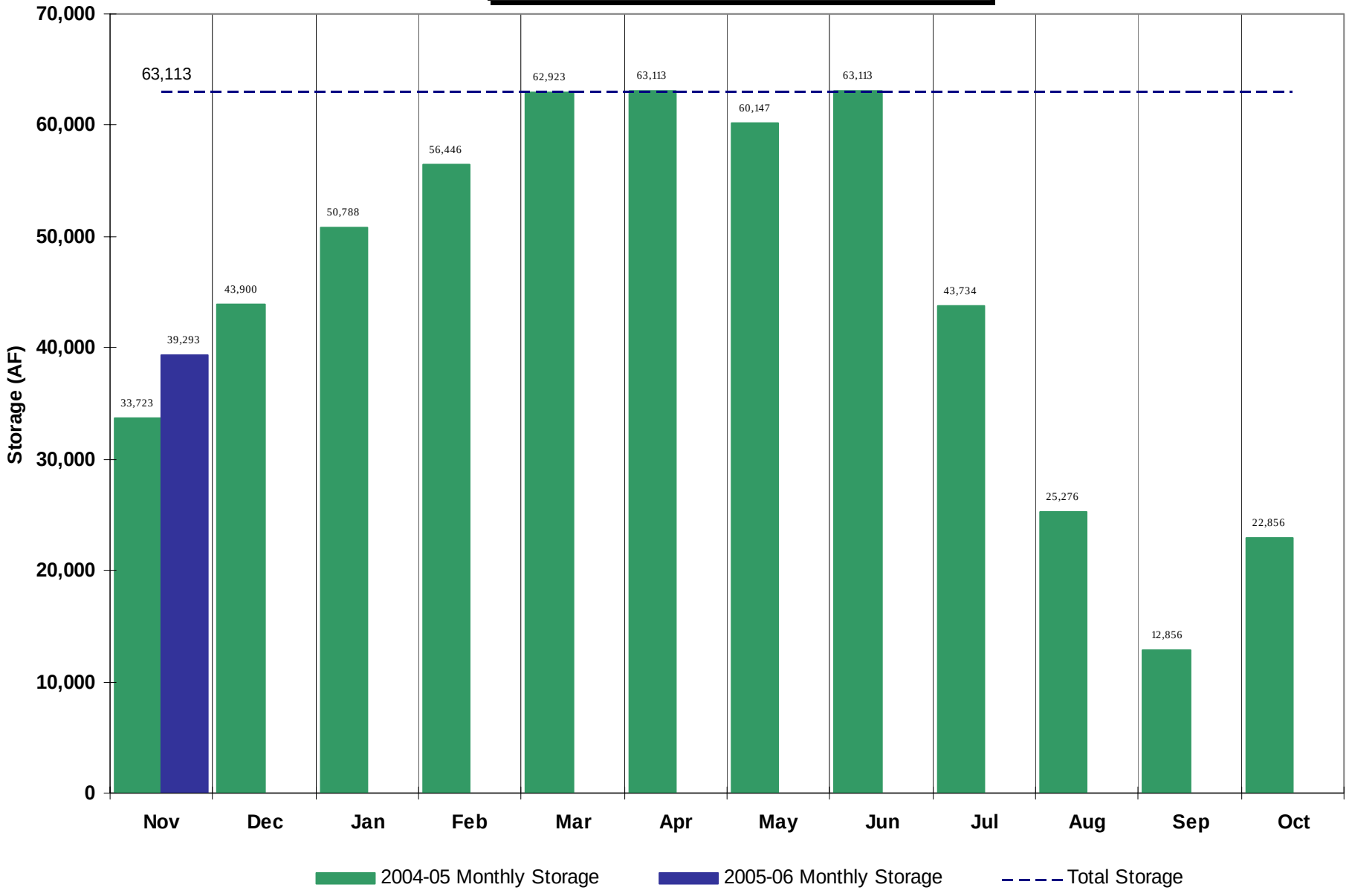
Jackson Reservoir

(Agricultural)

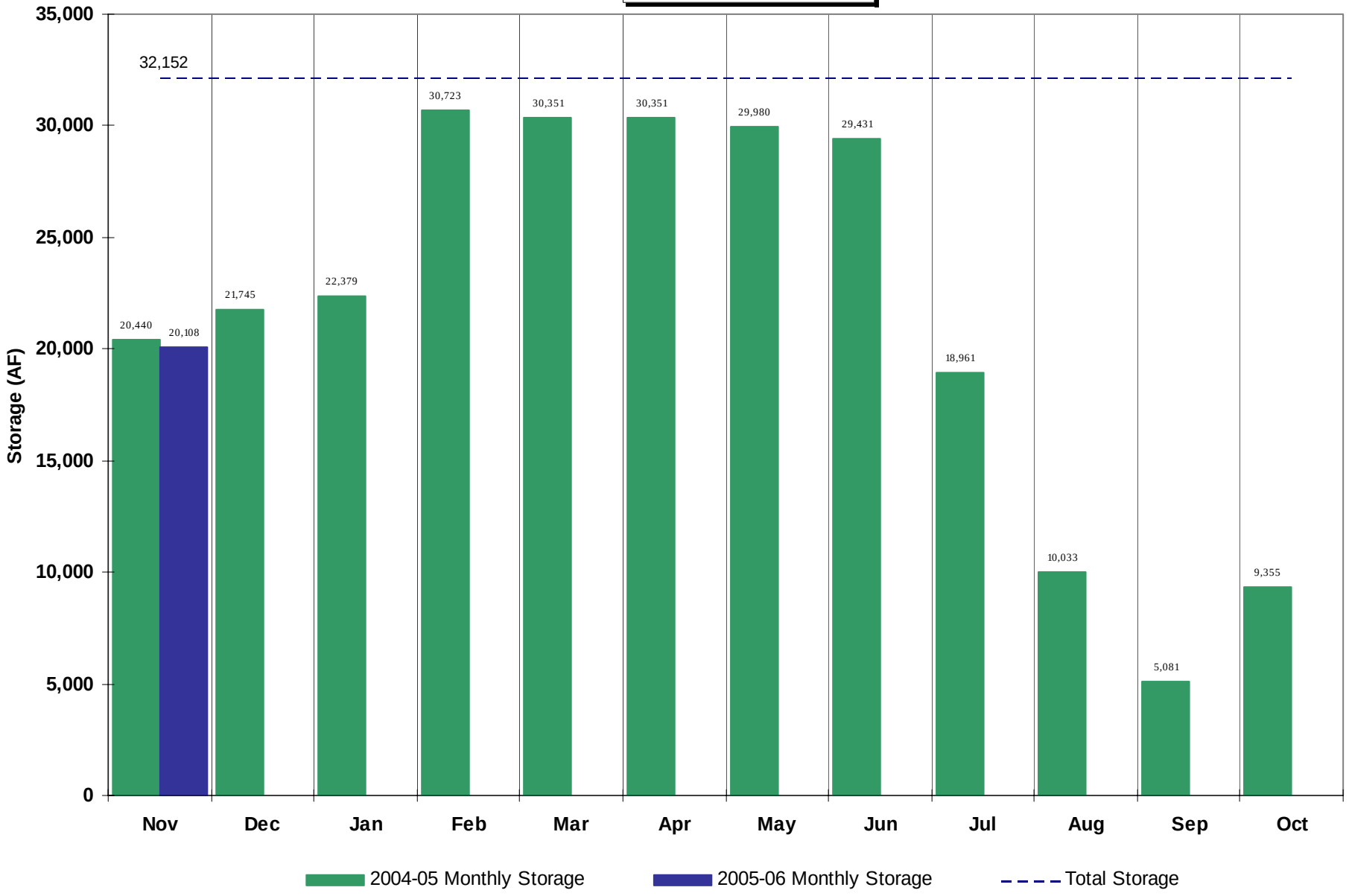


Riverside Reservoir

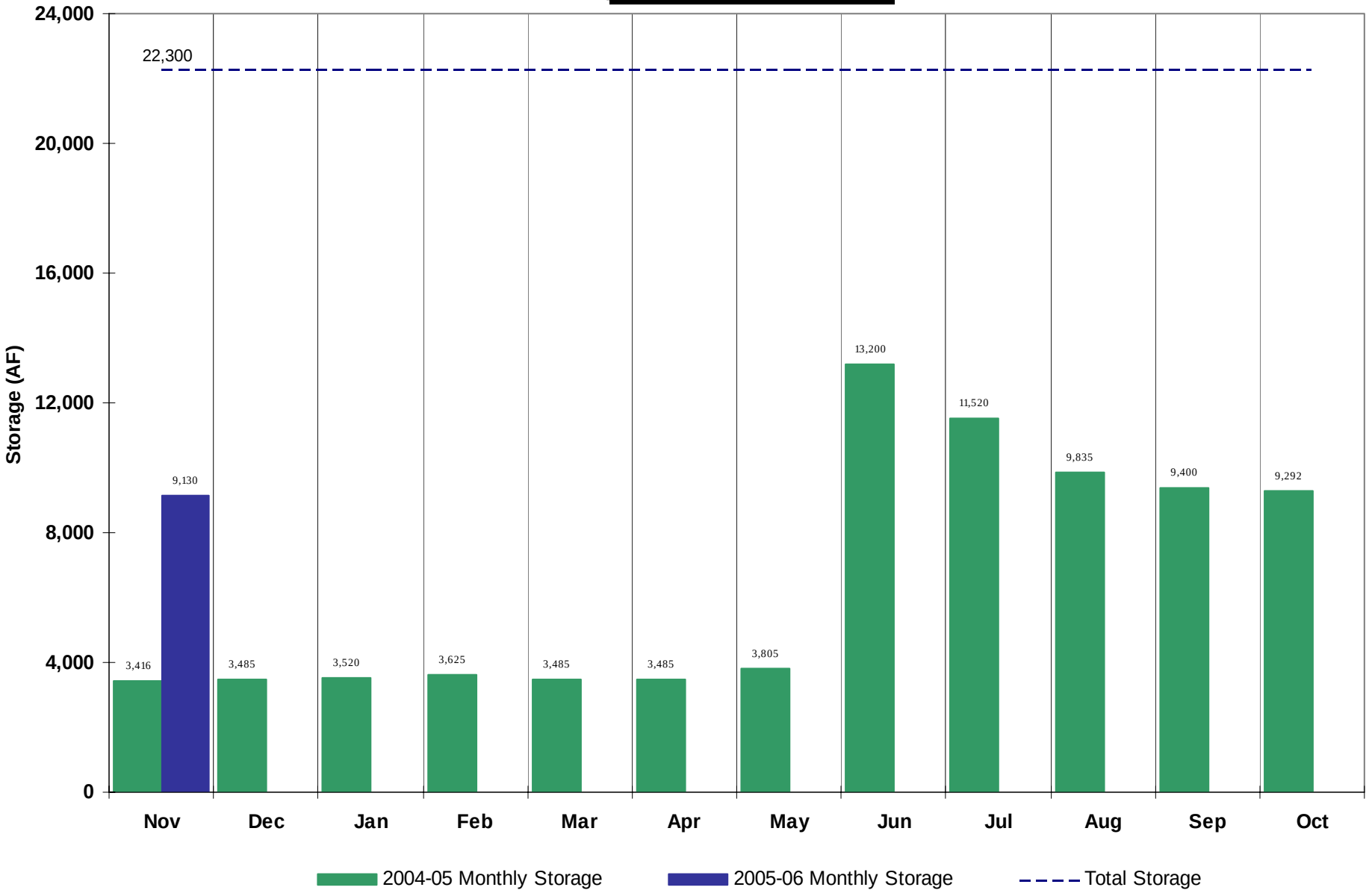
(Agricultural)



Barr Lake
(Agricultural)

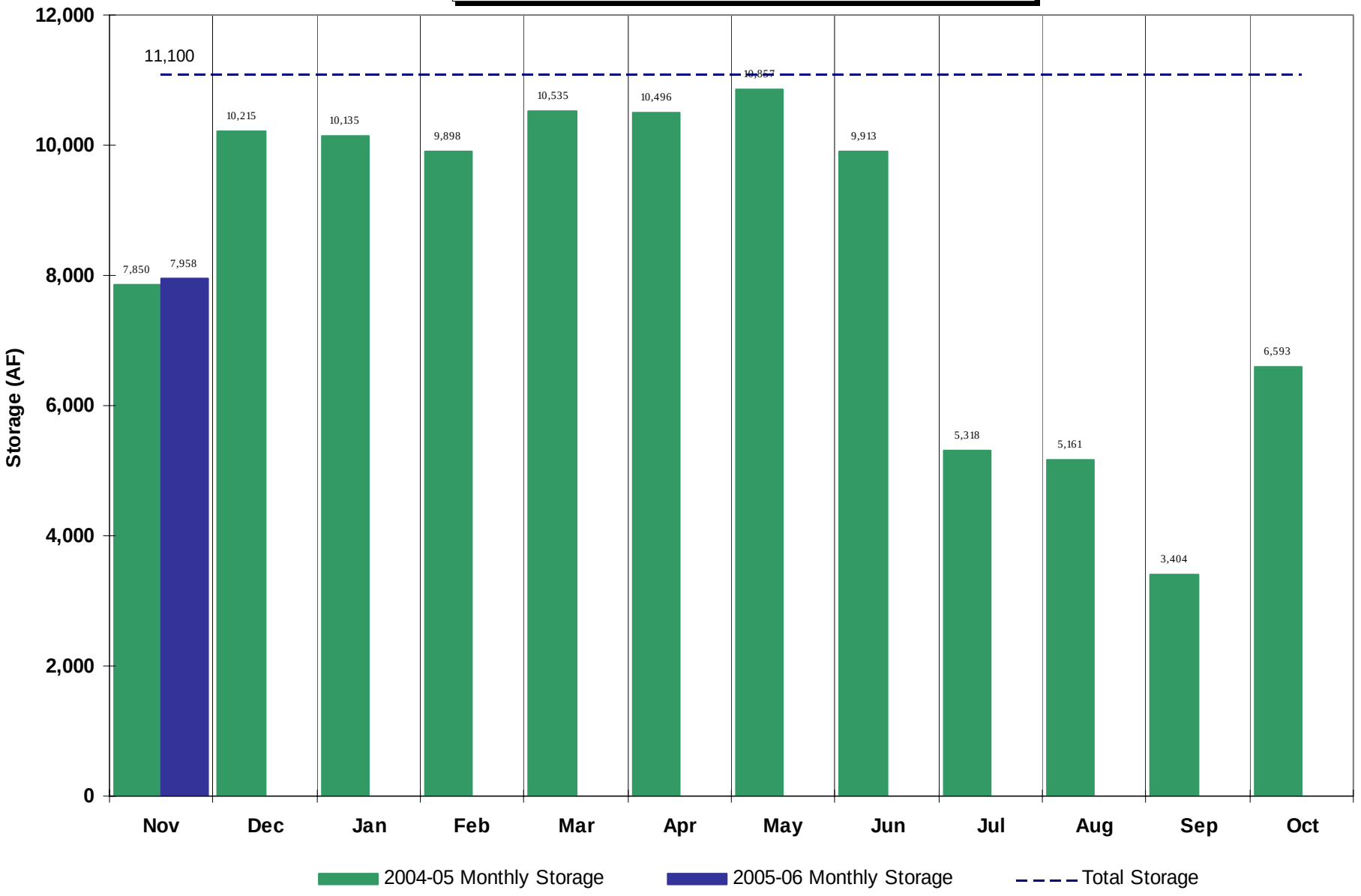


Cobb Lake
(Agricultural)



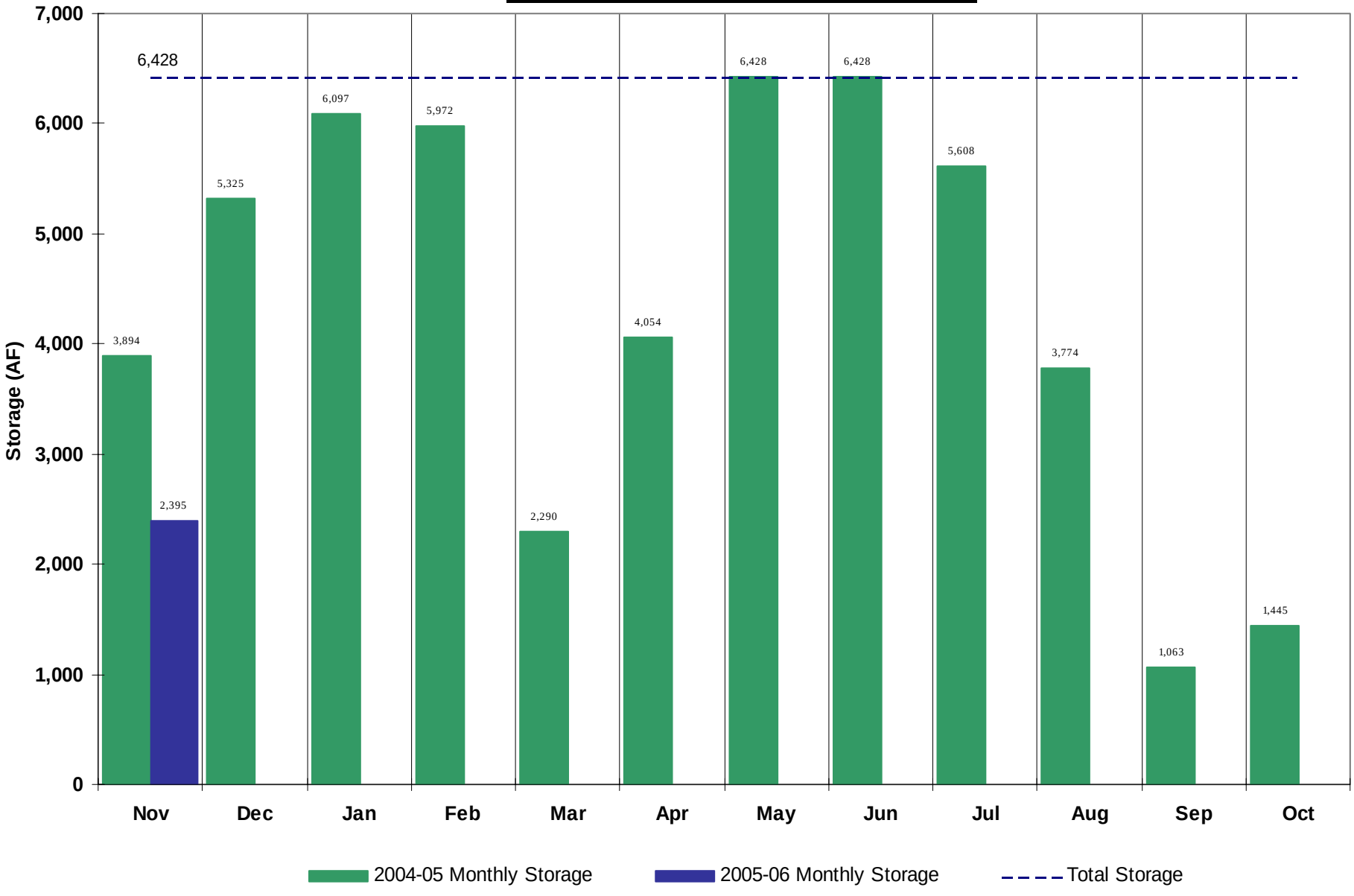
Fossil Creek Reservoir

(Agricultural)



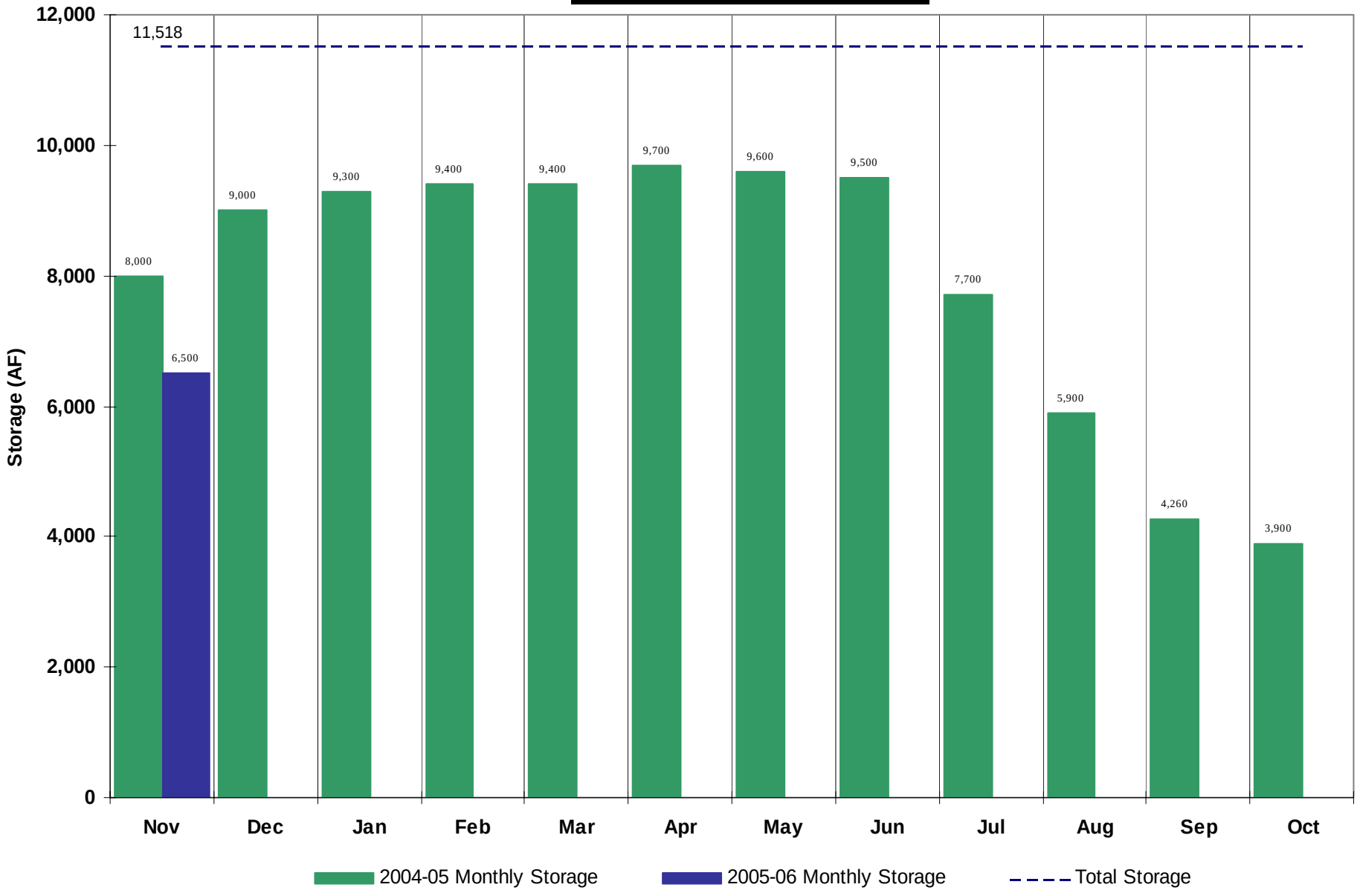
Halligan Reservoir

(Agricultural)



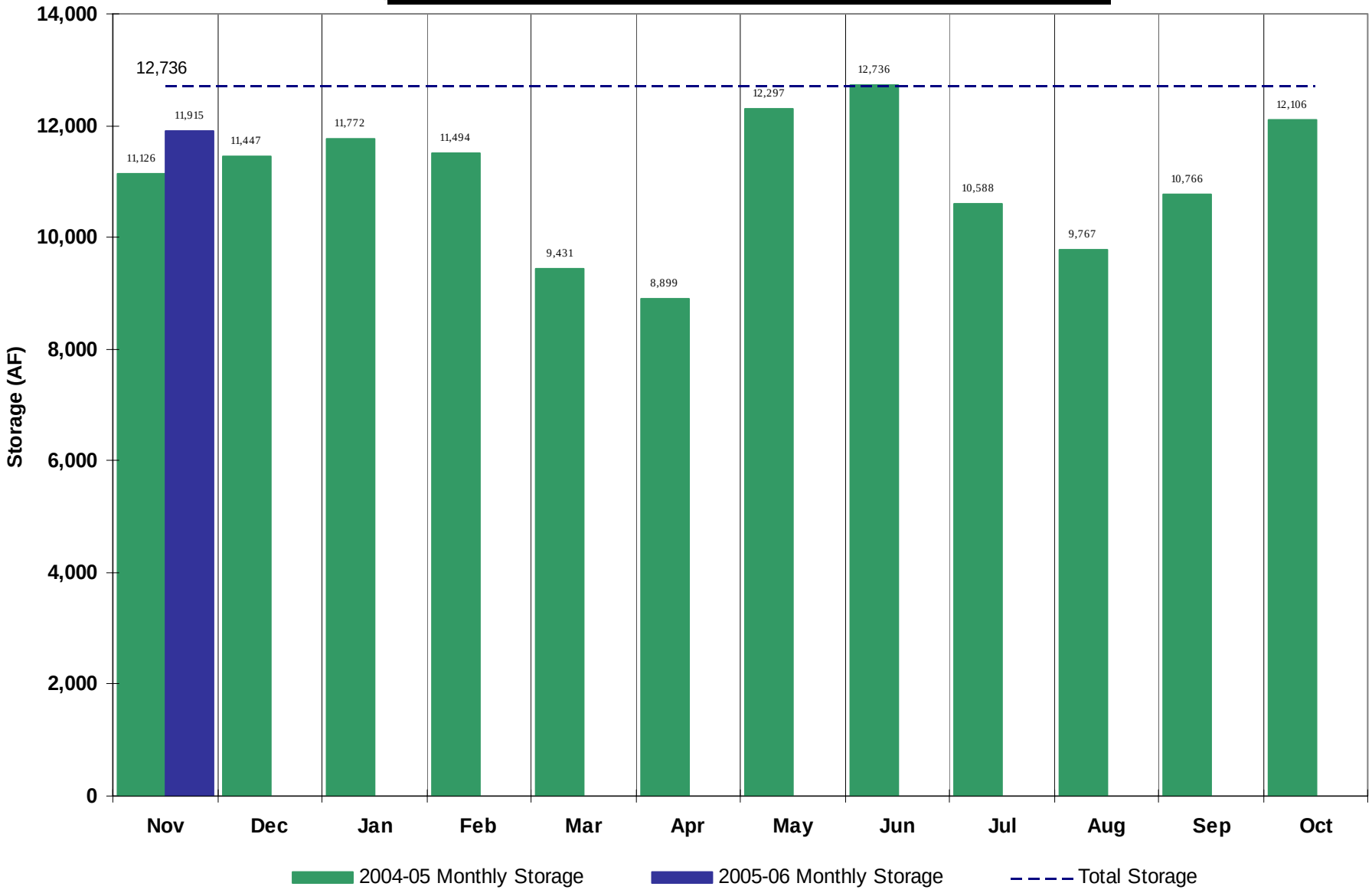
Marshall Lake

(Agricultural)



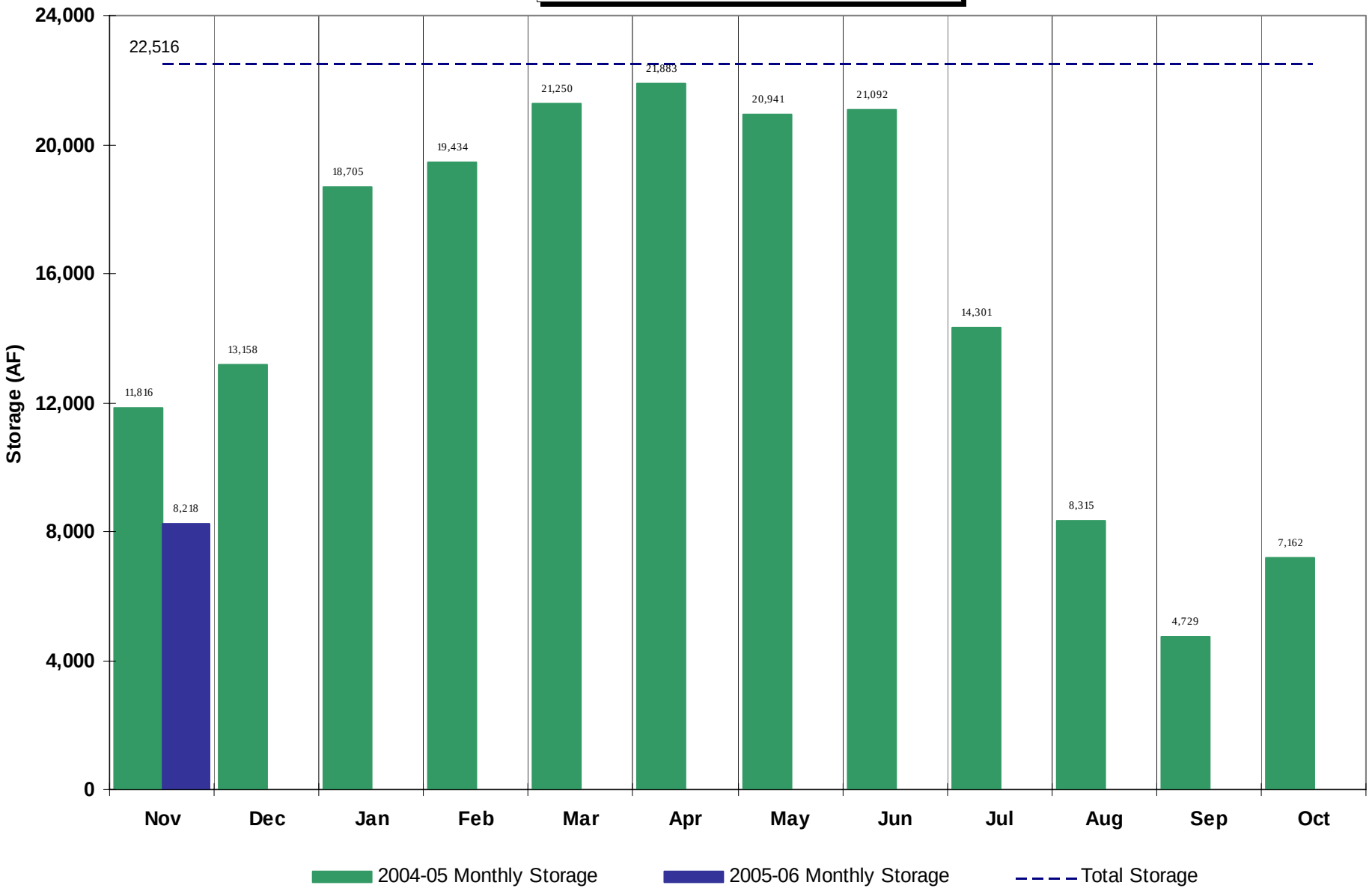
Loveland Greeley Reservoir

(Agricultural)



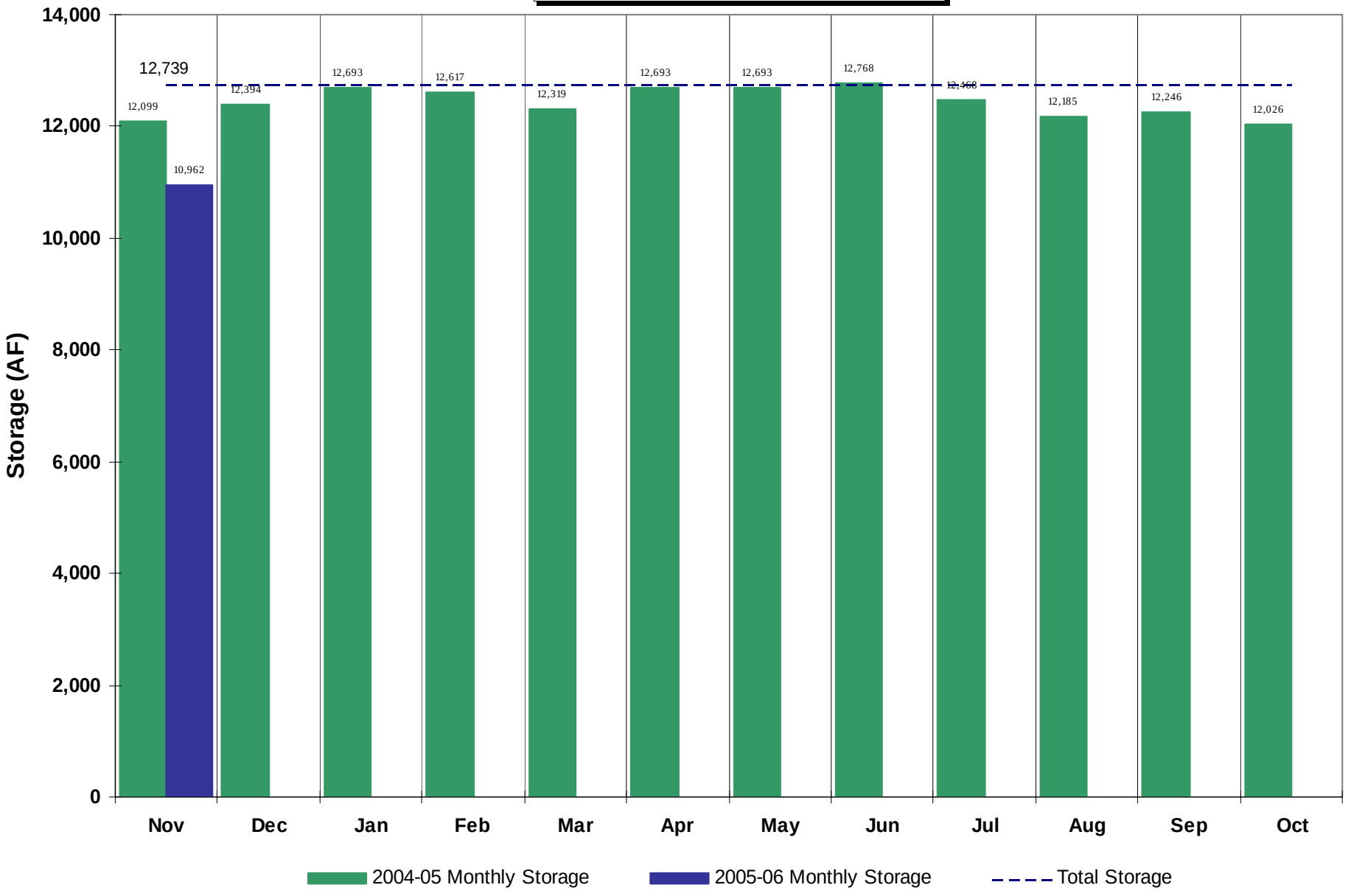
Milton Reservoir

(Agricultural)



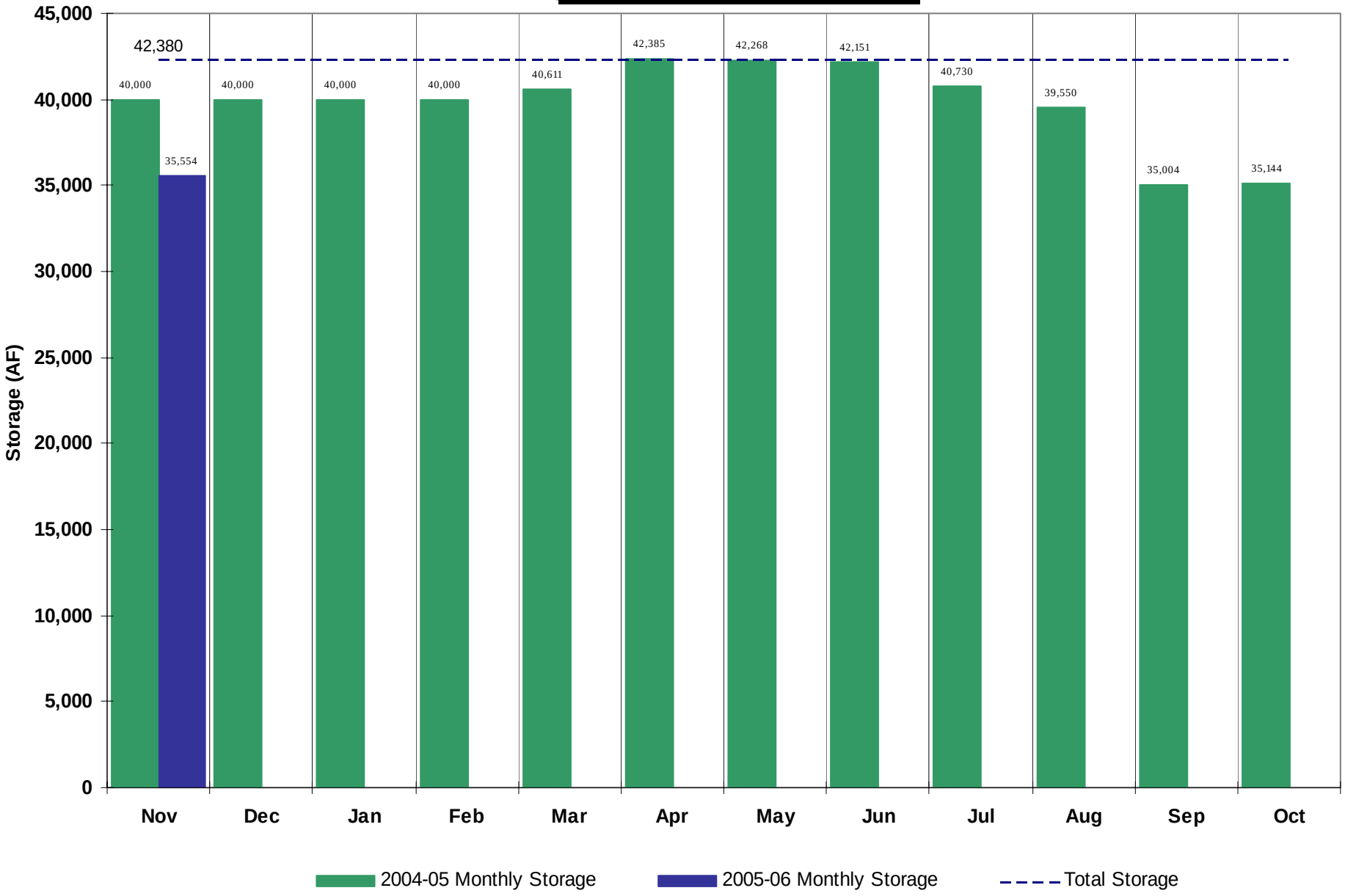
Union Reservoir

(Agricultural)



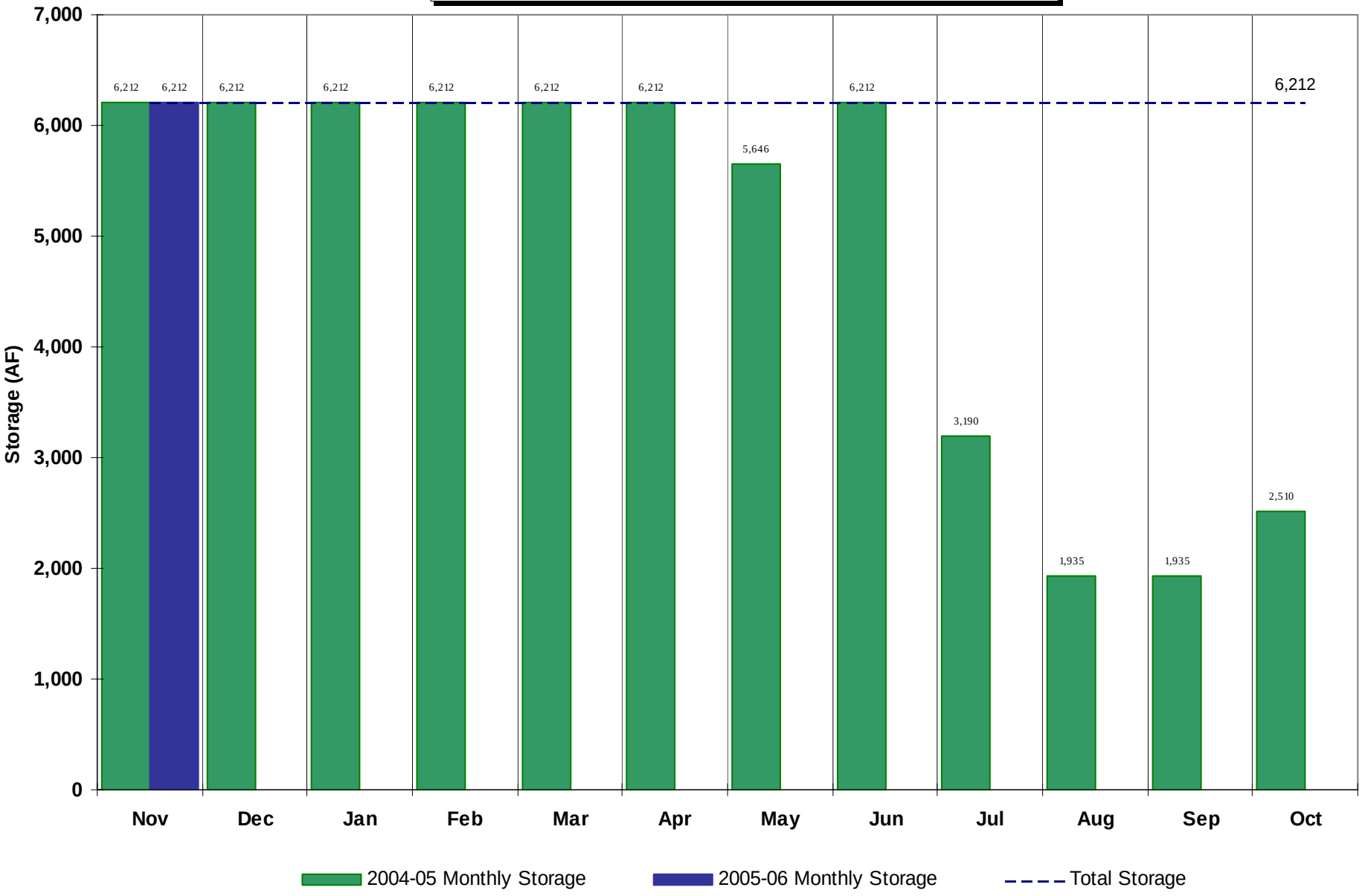
Standley Lake

(Agricultural)

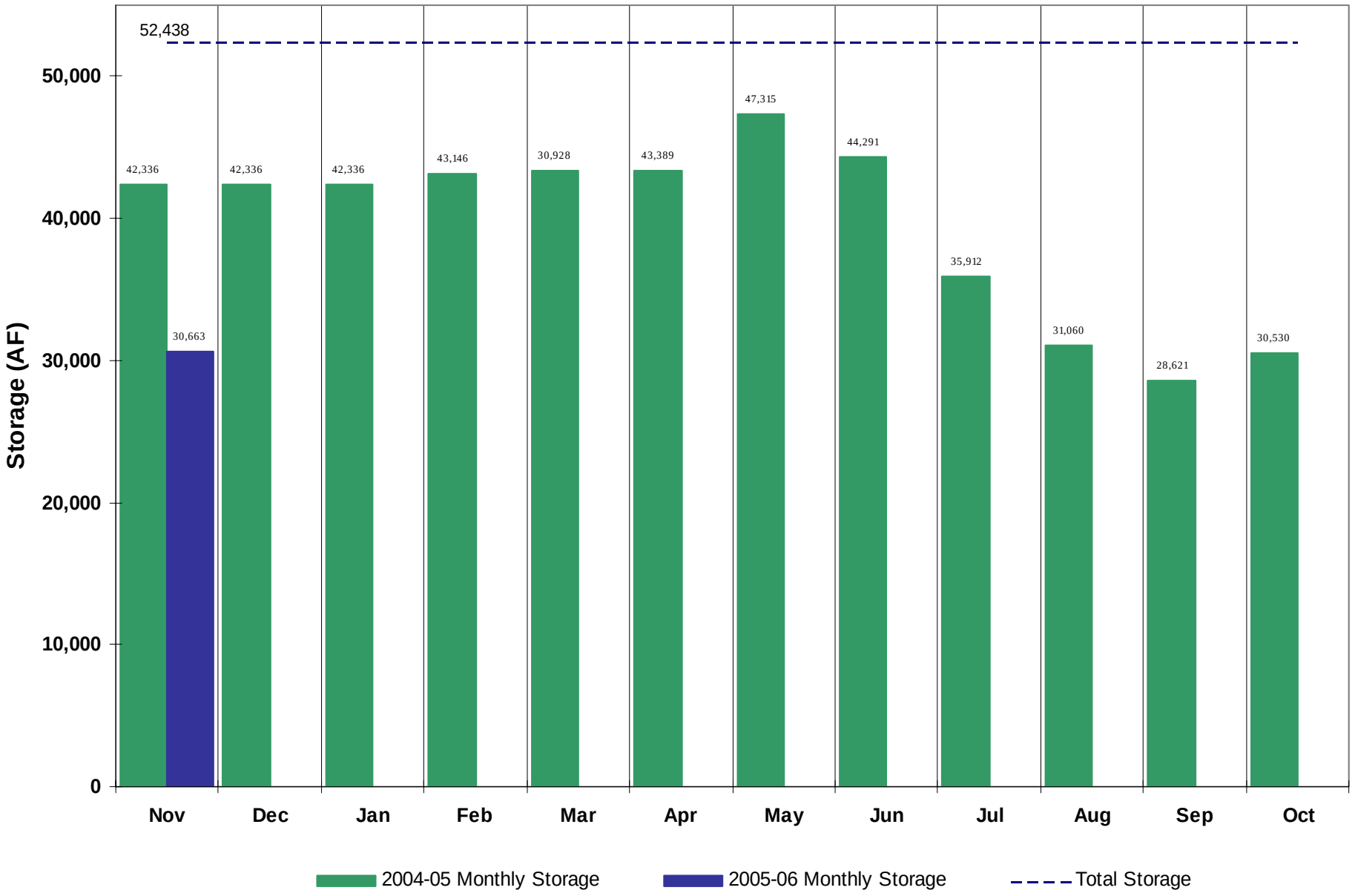


Lower Latham Reservoir

(Agricultural)

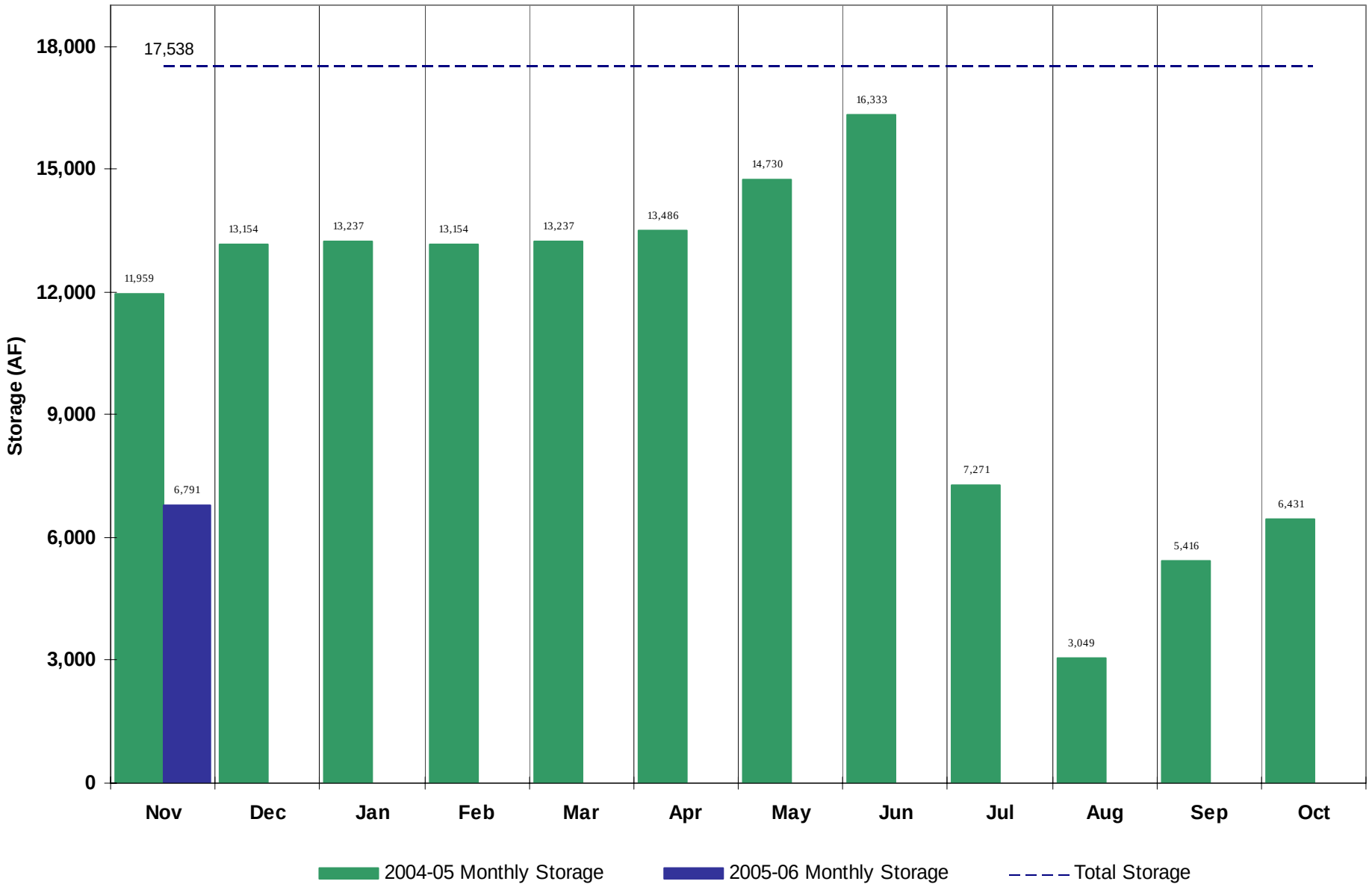


Boyd Lake
(Agricultural)



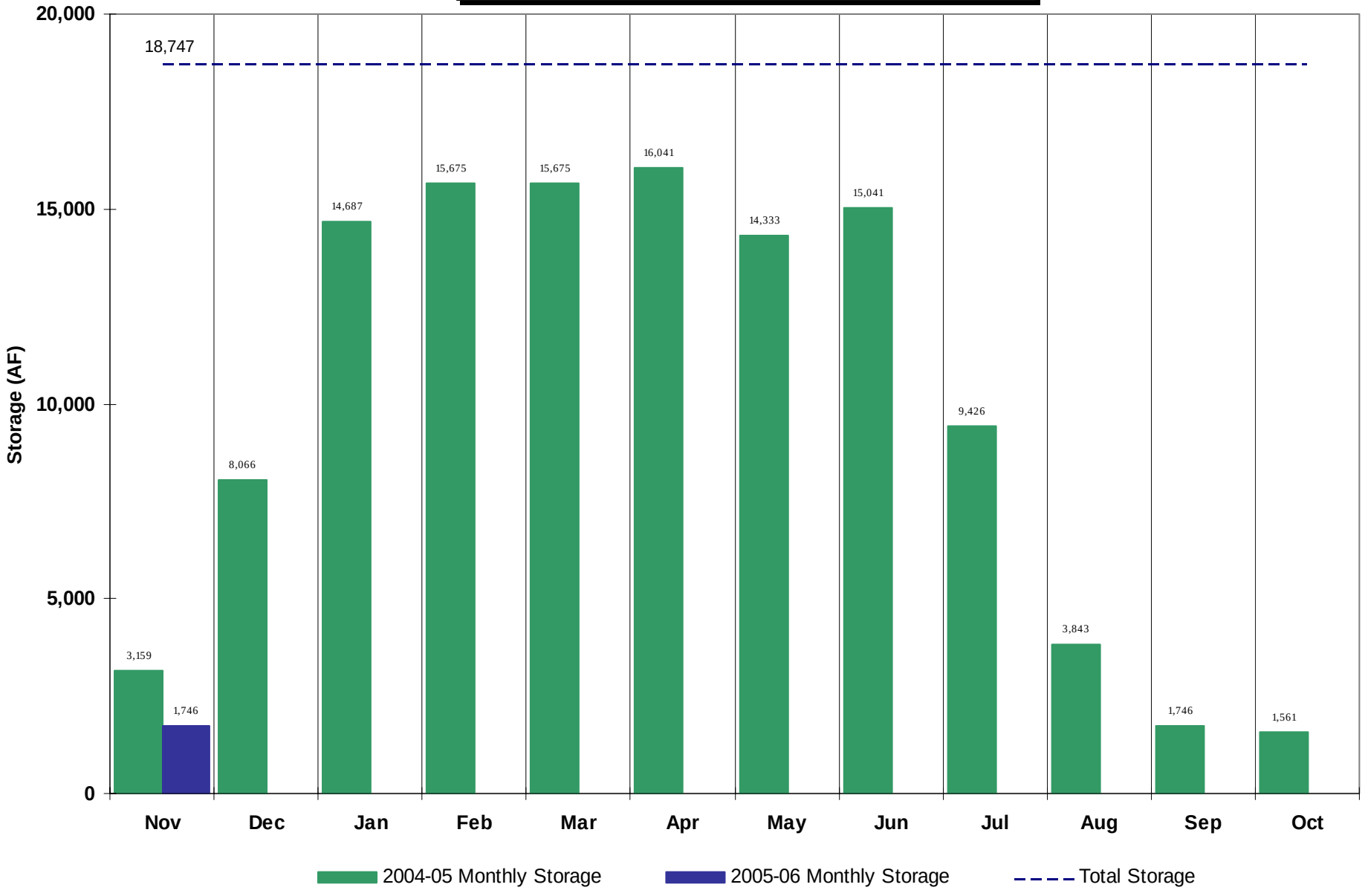
Windsor Reservoir

(Agricultural)



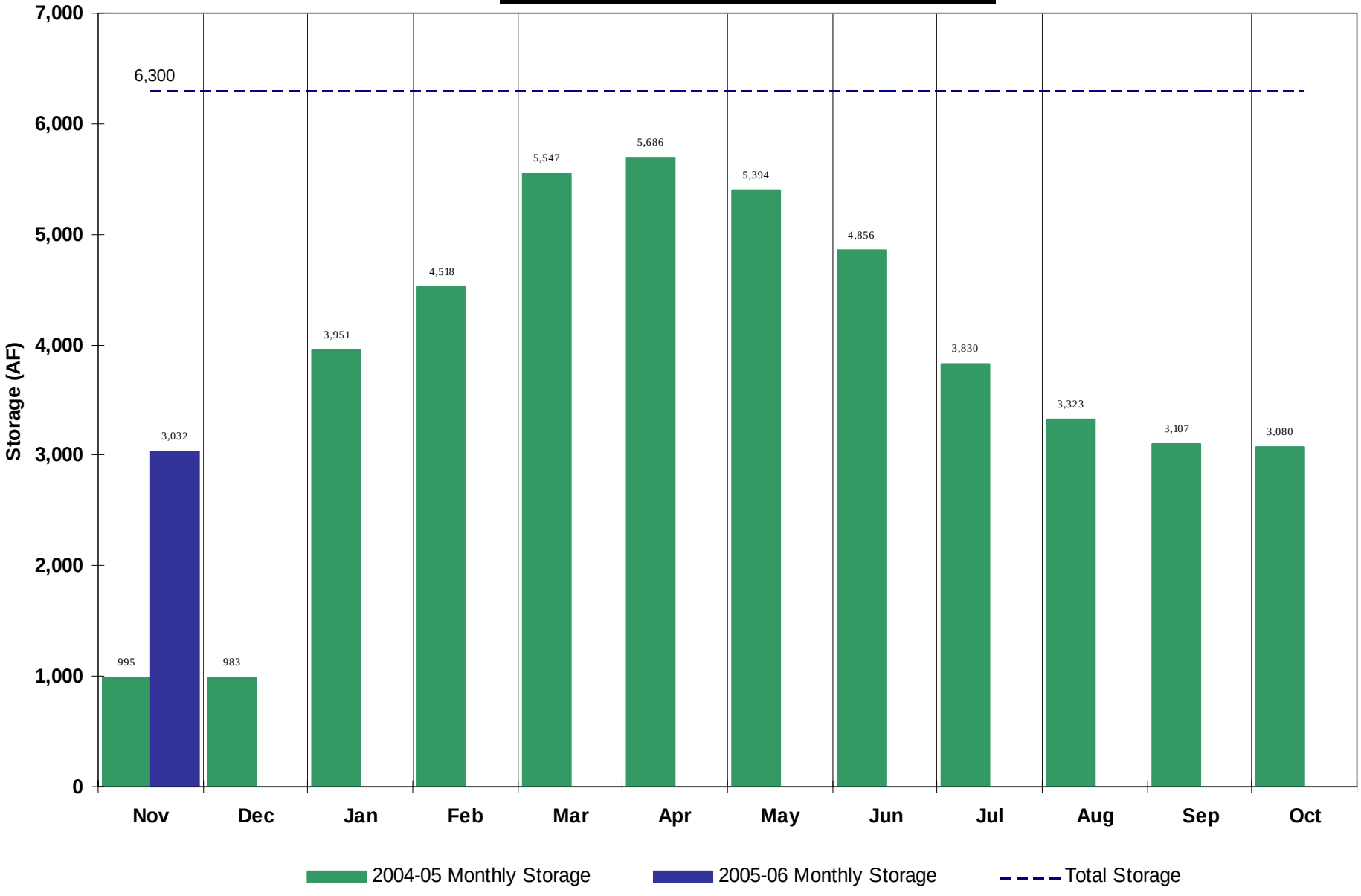
Horse Creek Reservoir

(Agricultural)



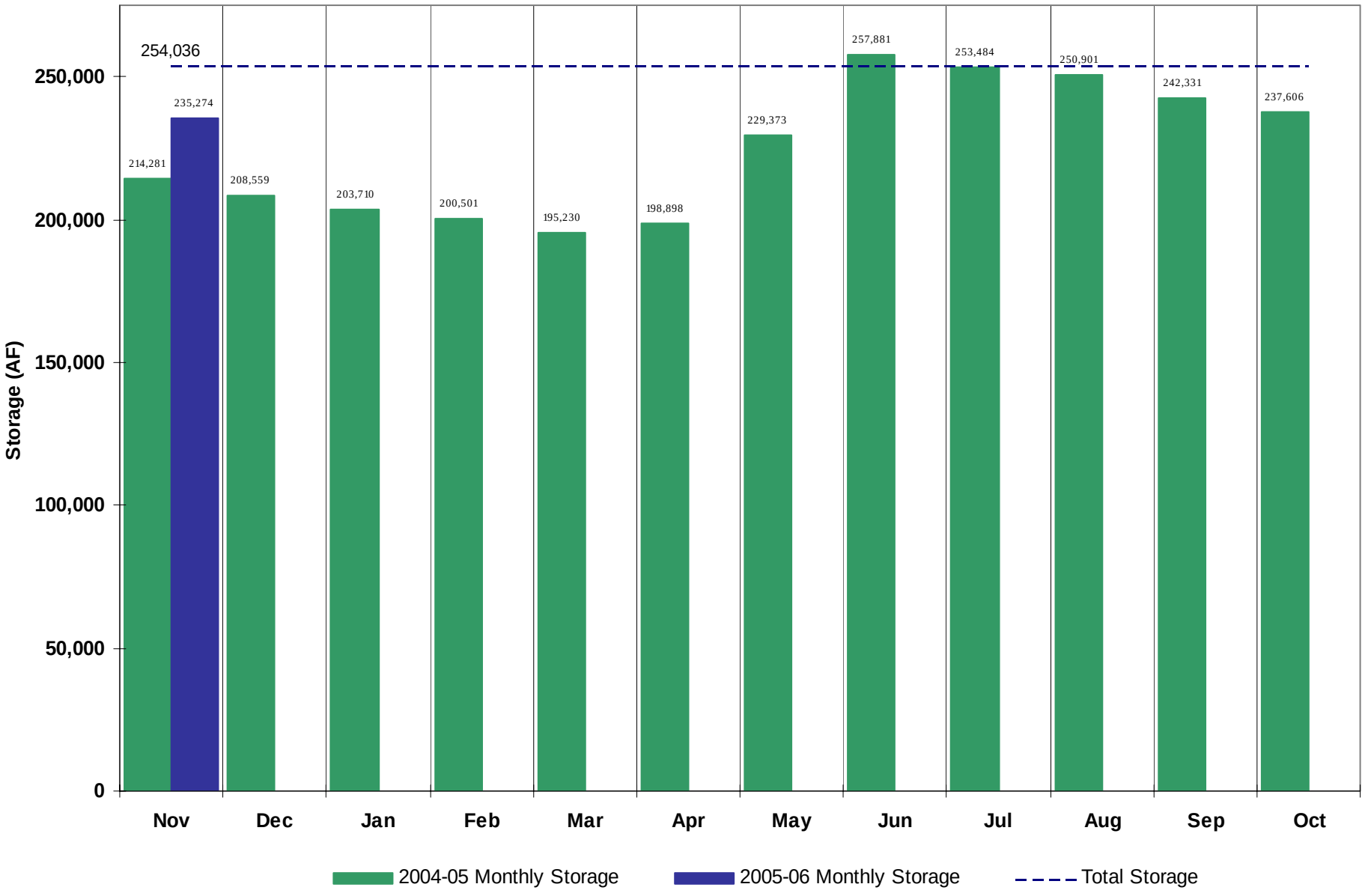
Prospect Reservoir

(Agricultural)



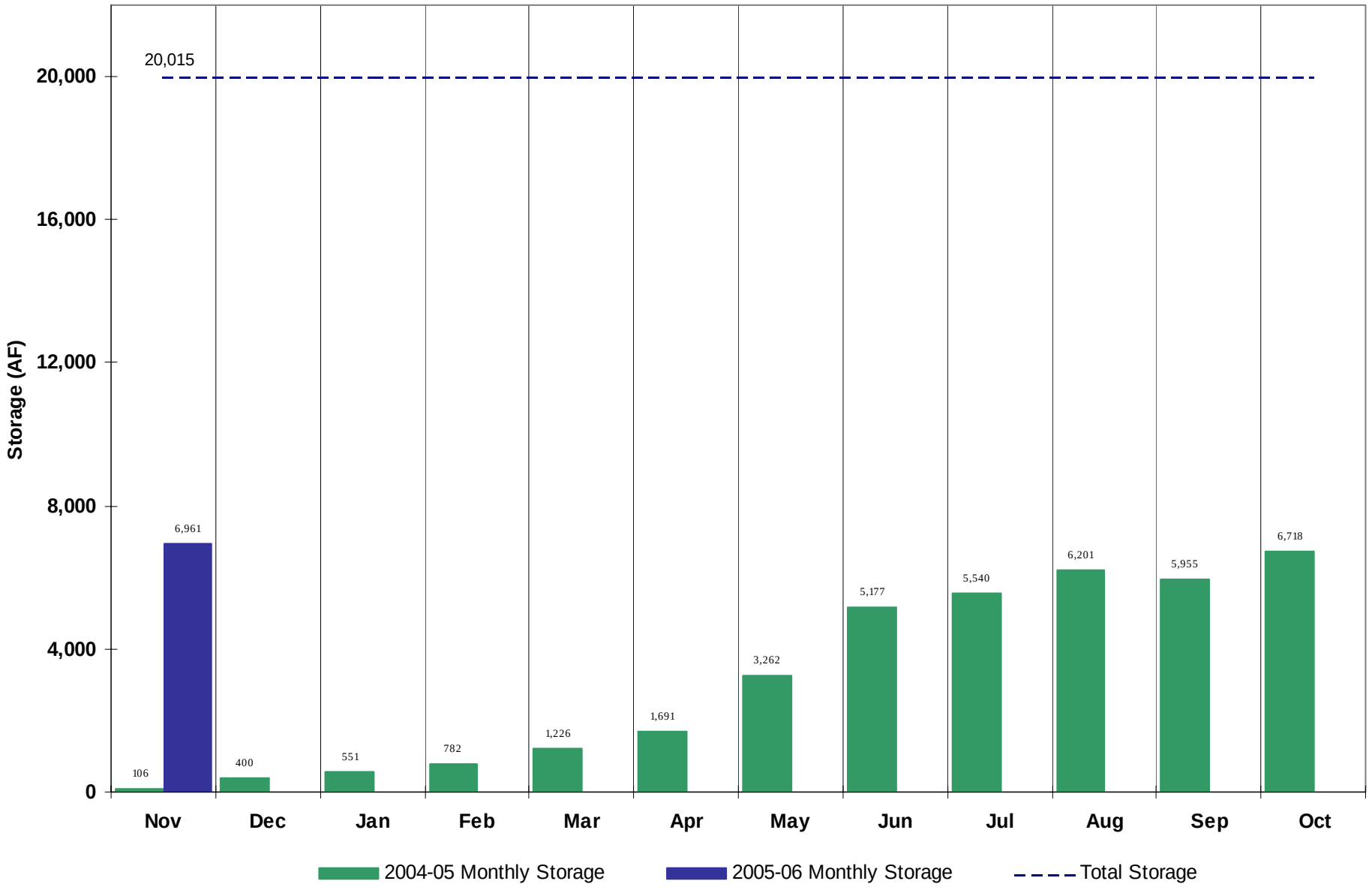
Dillon Reservoir

(Municipal)



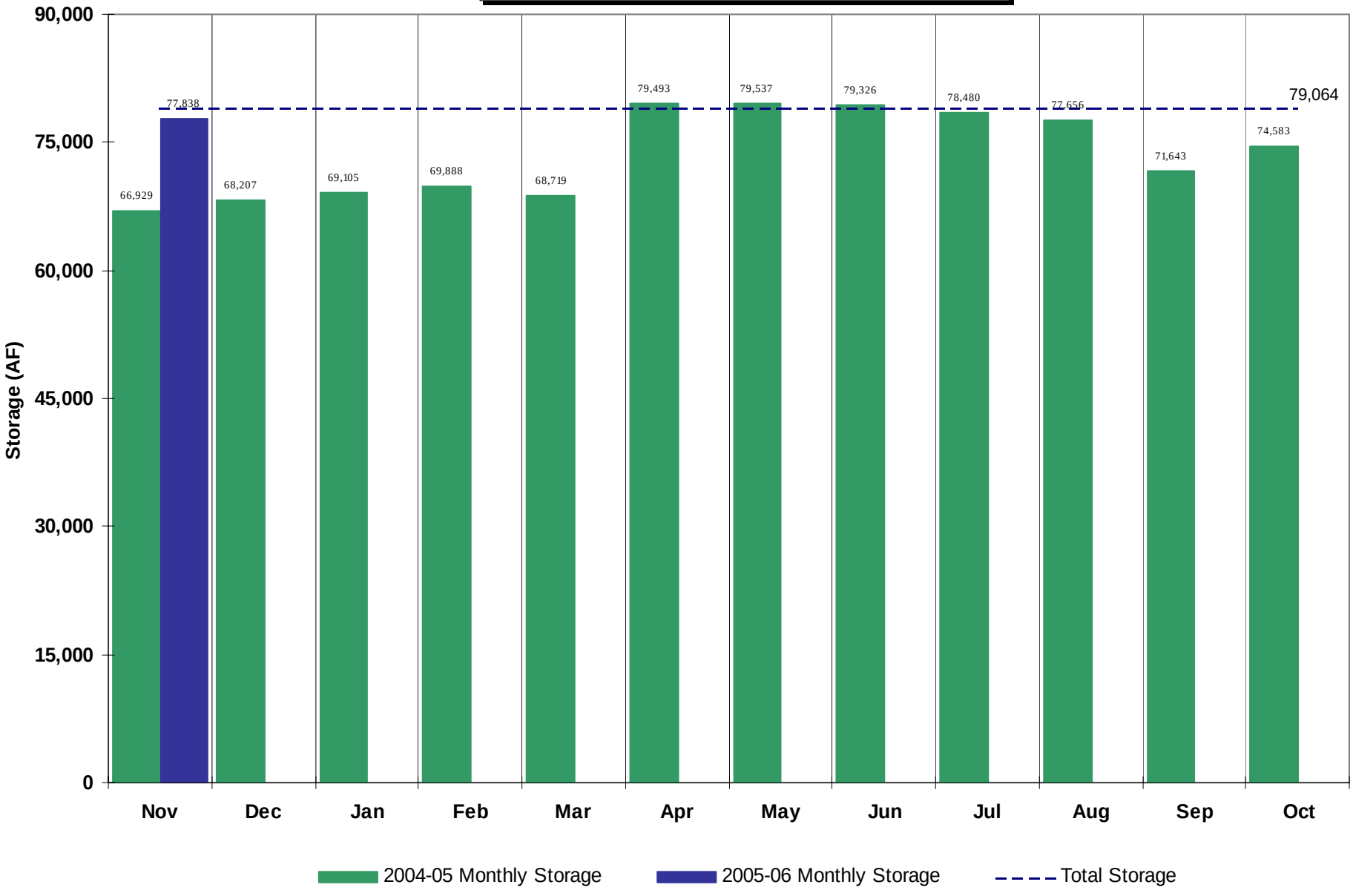
Antero Reservoir

(Municipal)



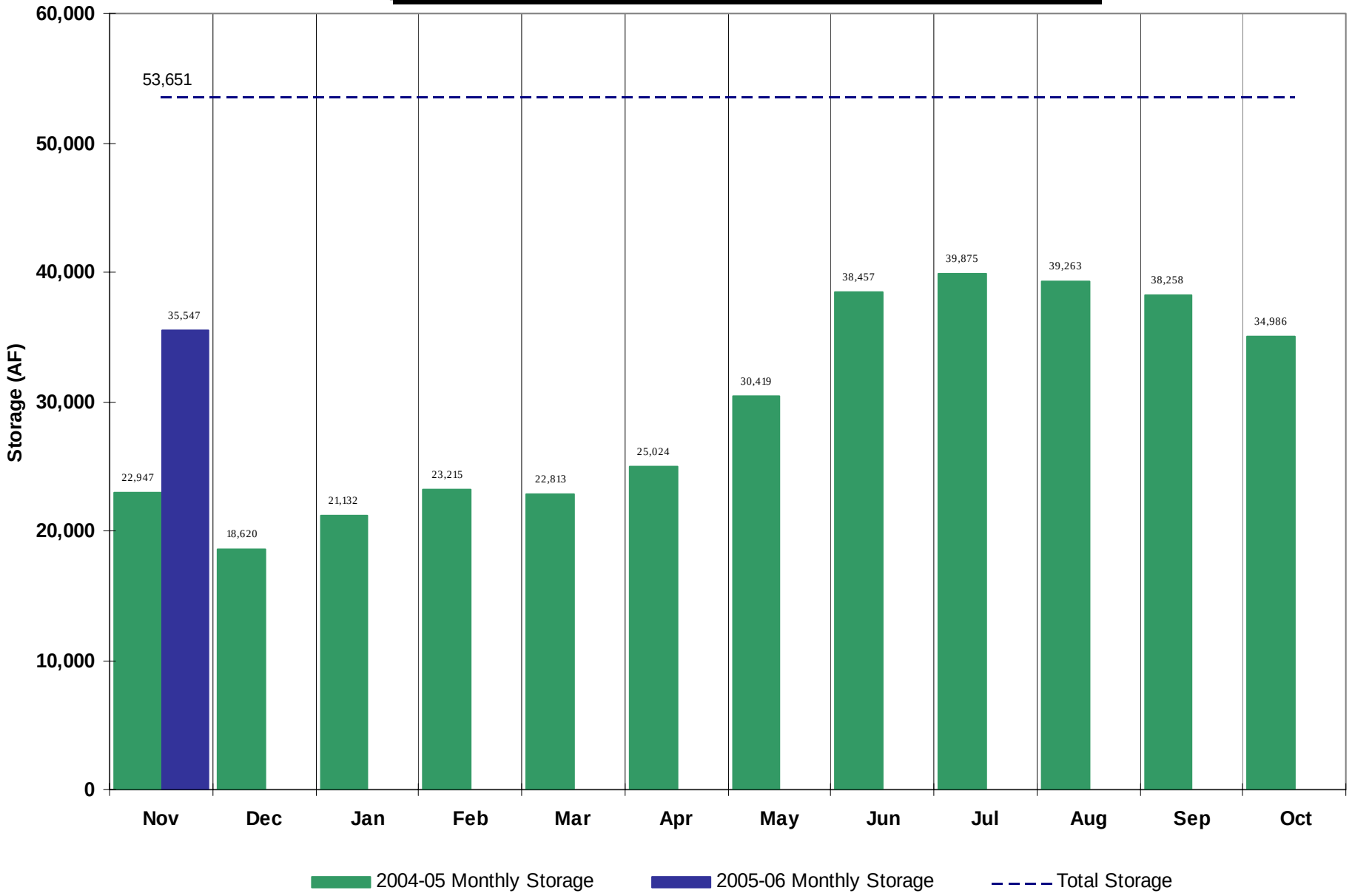
Cheesman Reservoir

(Municipal)



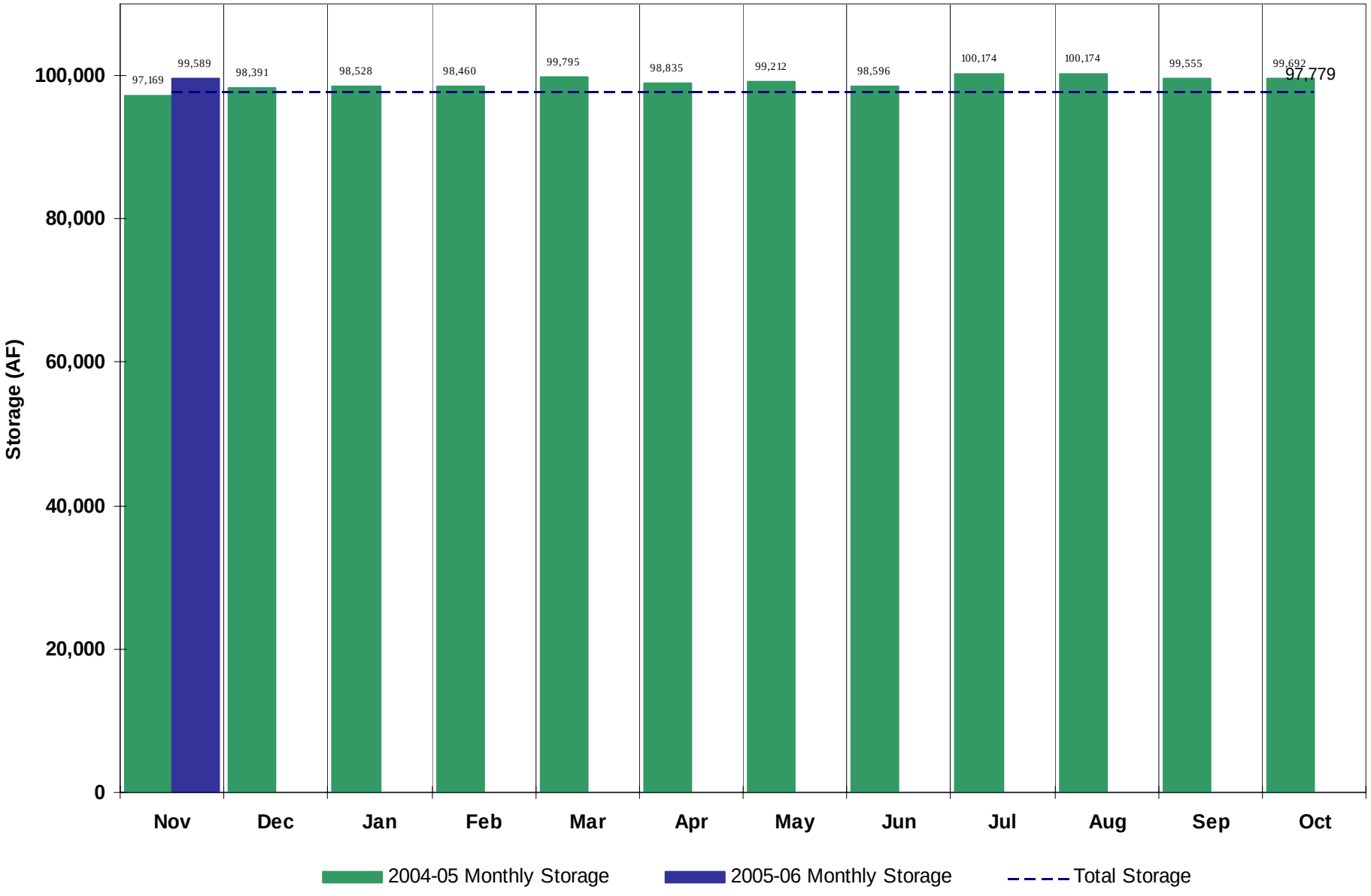
Spinney Mountain Reservoir

(Municipal)

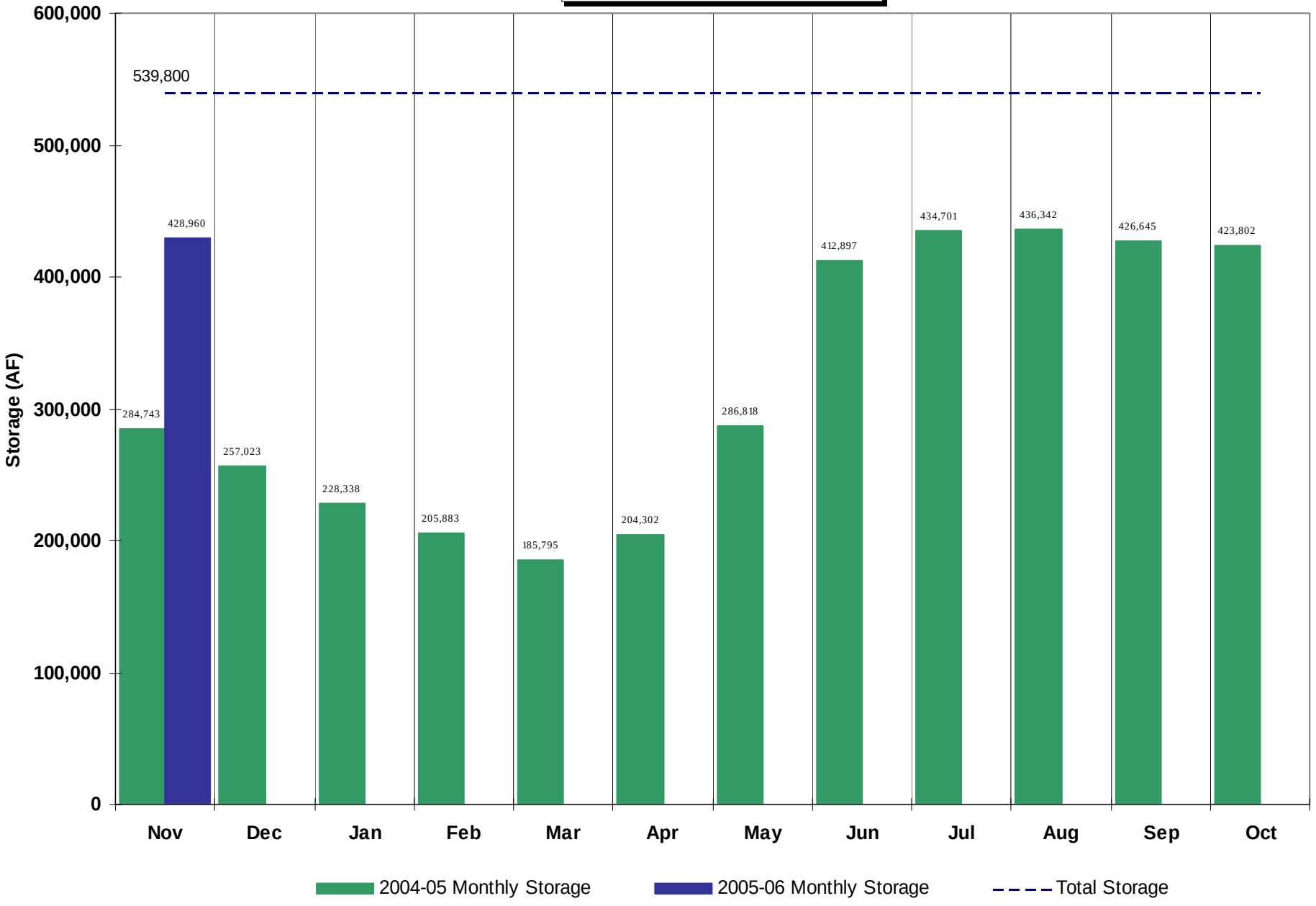


Eleven Mile Reservoir

(Municipal)



Lake Granby


600,000
500,000
400,000
300,000
200,000
100,000
0
Storage (AF)
539,800
284,743
428,960
257,023
228,338
205,883
185,795
204,302
286,818
412,897
434,701
436,342
426,645
423,802
Nov
Dec
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
2004-05 Monthly Storage
2005-06 Monthly Storage
Total Storage

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

Effluent Plant at Aspen Park