

South Platte Summary

February 2006



By Claudia Engelmann

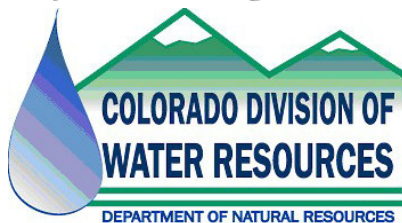


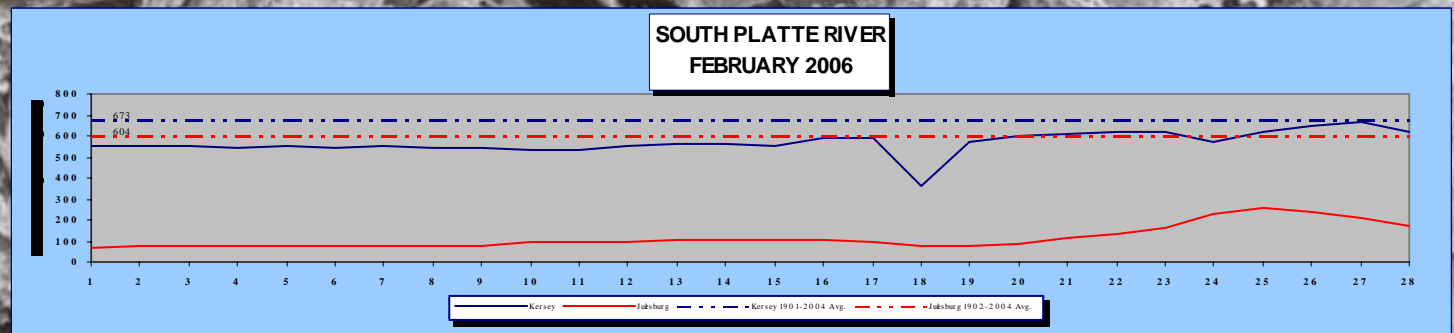
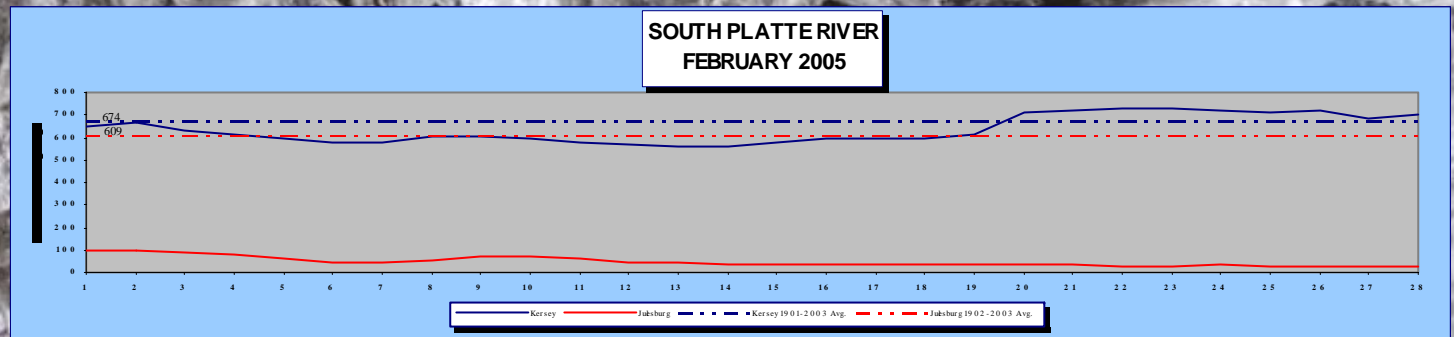
Photo by John Anderson

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

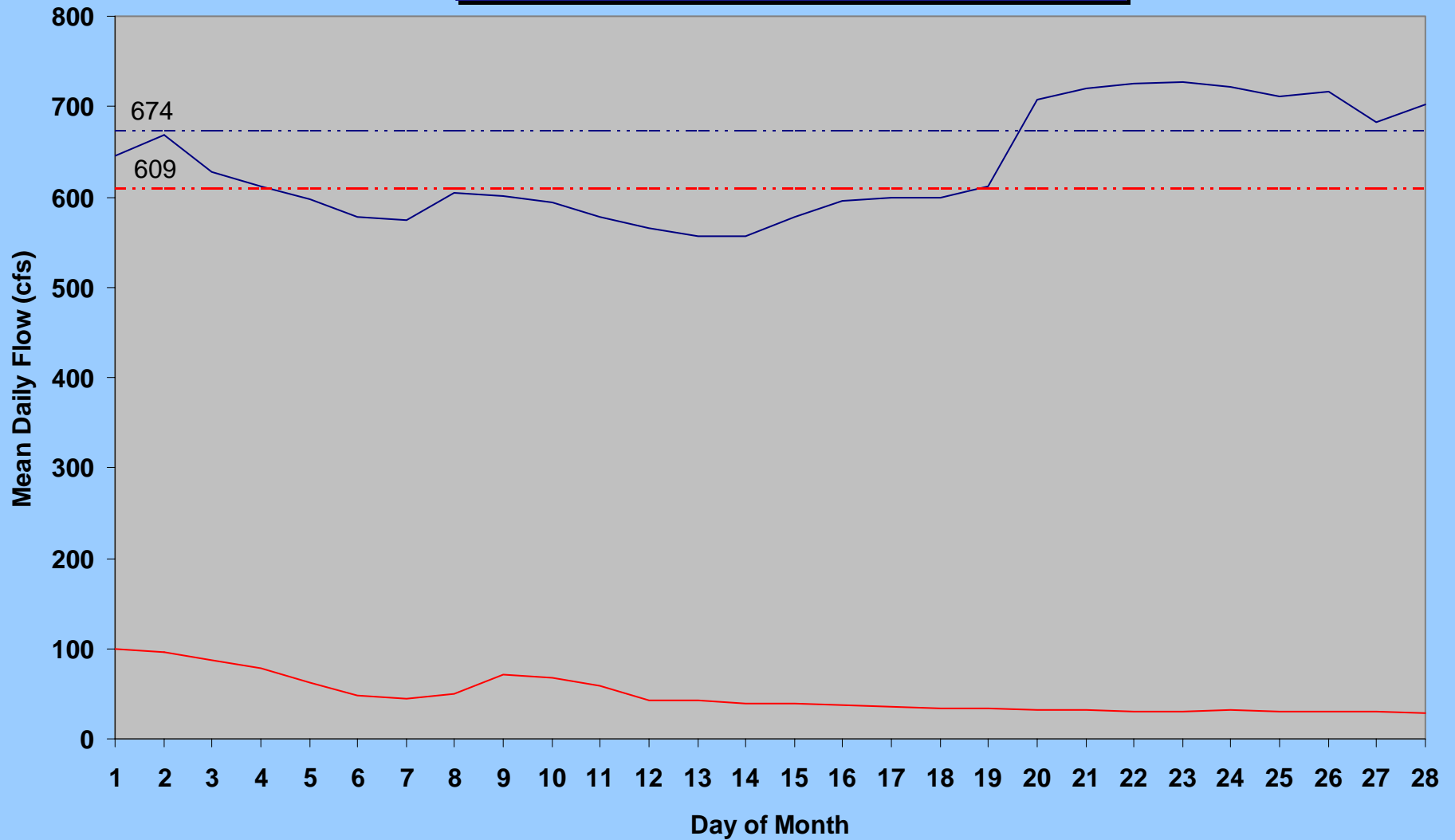
MONTH OF FEBRUARY 2006

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	18,893	19,655	64	762	4%	87%	76%	0
N STERLING	73,730	54,040	64,810	64	10,770	20%	88%	90%	0
PREWITT	28,500	25,640	27,310	64	1,670	7%	96%	91%	0
JACKSON	27,257	23,611	23,252	1	-359	-2%	85%	82%	0
EMPIRE	37,700	21,973	30,161	1	8,188	37%	80%	64%	0
RIVERSIDE	63,113	50,434	57,274	1	6,840	14%	91%	89%	0
BARR LAKE	31,652	26,044	28,888	2	2,844	11%	91%	97%	0
CHEESMAN	79,064	73,275	70,685	80	-2,590	-4%	89%	88%	0
ELEVEN MILE	97,779	98,972	99,280	23	308	0%	100%	100%	1,501
SPINNEY	53,651	41,326	39,670	23	-1,656	-4%	74%	43%	0
ANTERO	20,015	7,019	6,933	23	-86	-1%	35%	4%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	569
JULESBURG	115
THIS MONTH LAST YEAR	
KERSEY	634
JULESBURG	48
MEAN FOR PERIOD OF RECORD*	
KERSEY	673
JULESBURG	604
* 1901-2004	
1902-2004	

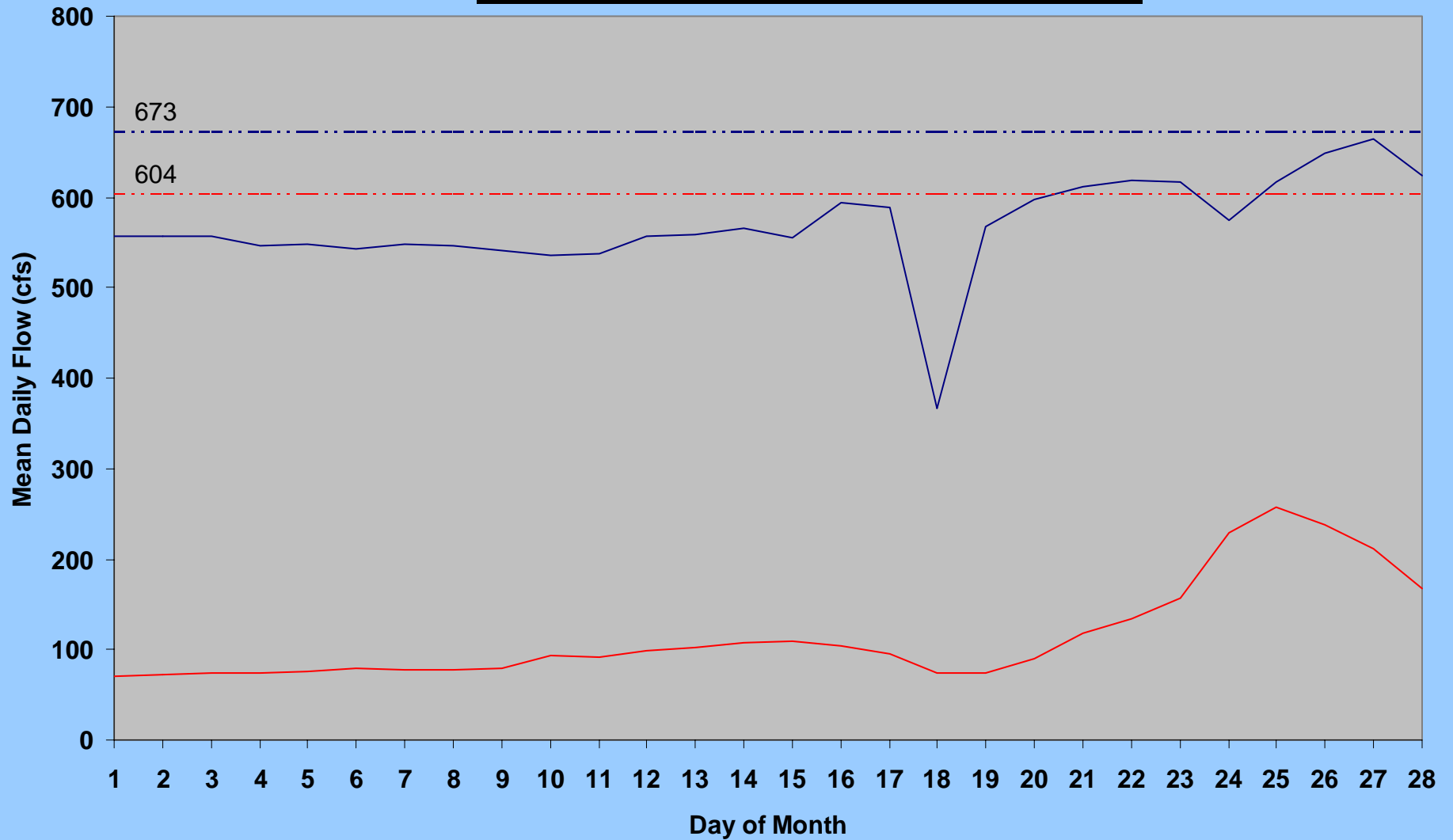


SOUTH PLATTE RIVER FEBRUARY 2005



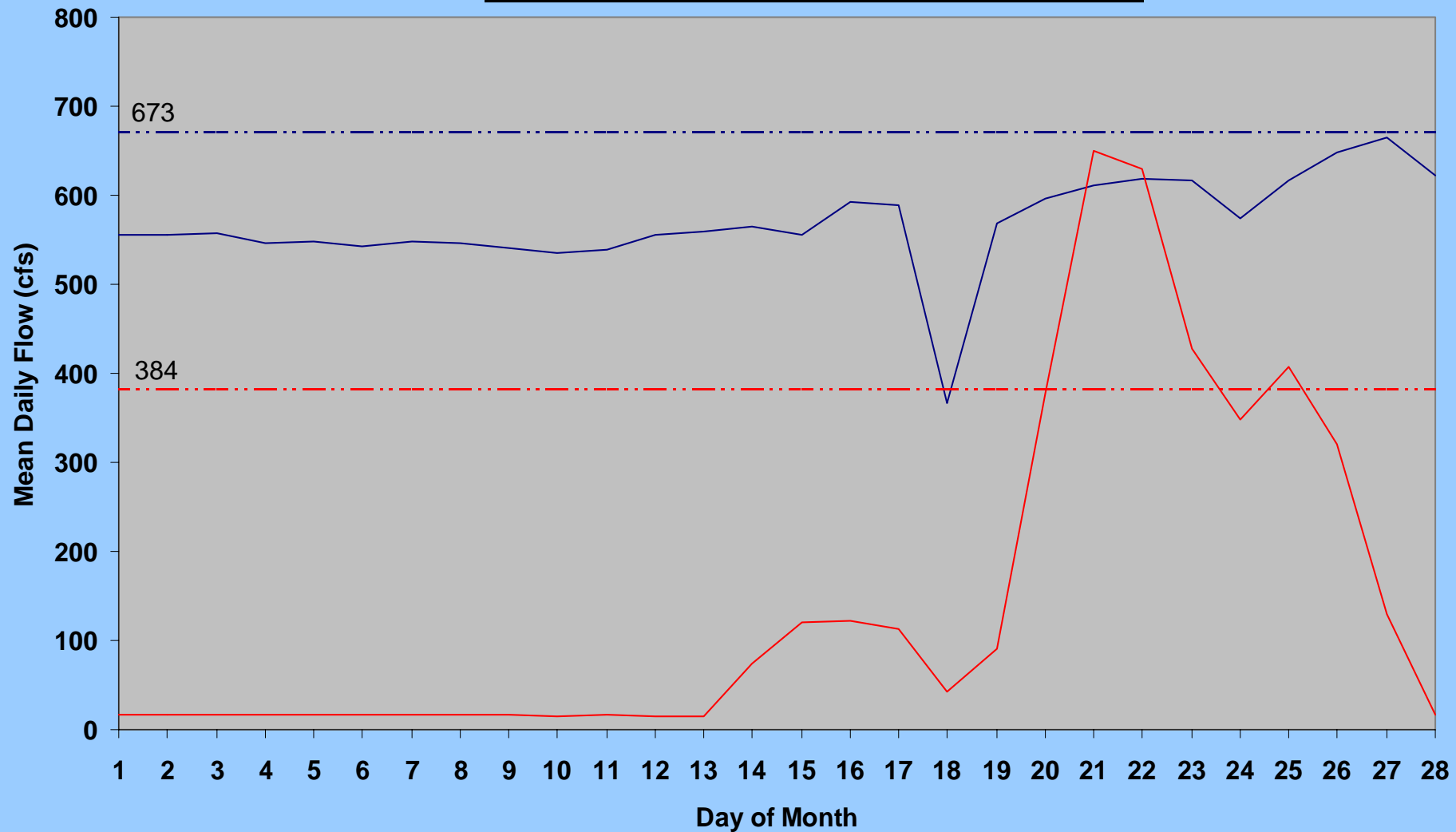
— Kersey — Julesburg - - - - Kersey 1901-2003 Avg. - - - - Julesburg 1902-2003 Avg.

SOUTH PLATTE RIVER FEBRUARY 2006



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

KERSEY and BALZAC FEBRUARY 2006



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

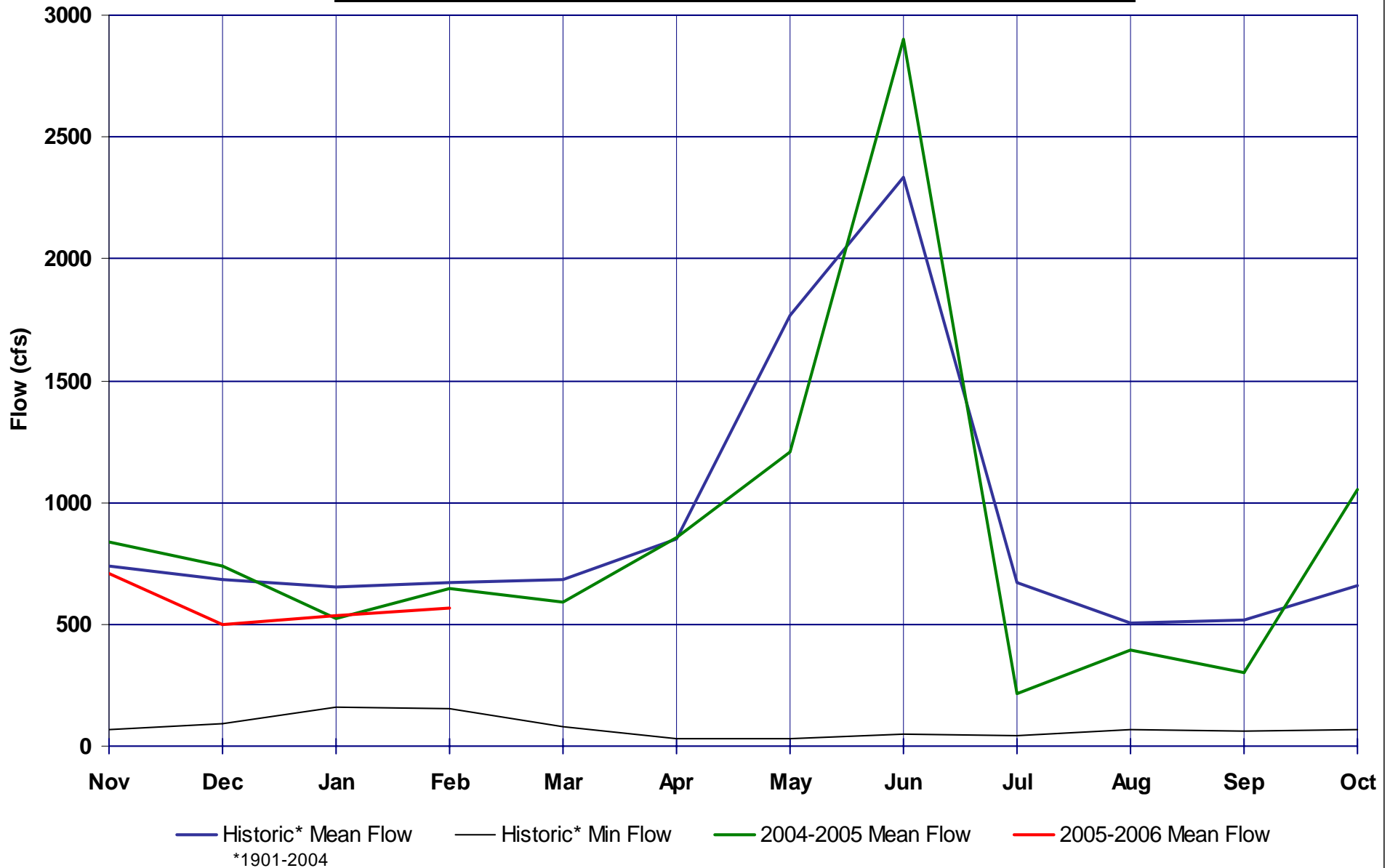
South Platte River Monthly Stream Flow (cfs) Statistics

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		Mar	545	12900	1910	15	1904	
Apr	849	18100	1942	28	1955		Apr	540	14400	1942	4.0	1904	
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 Jana Ash

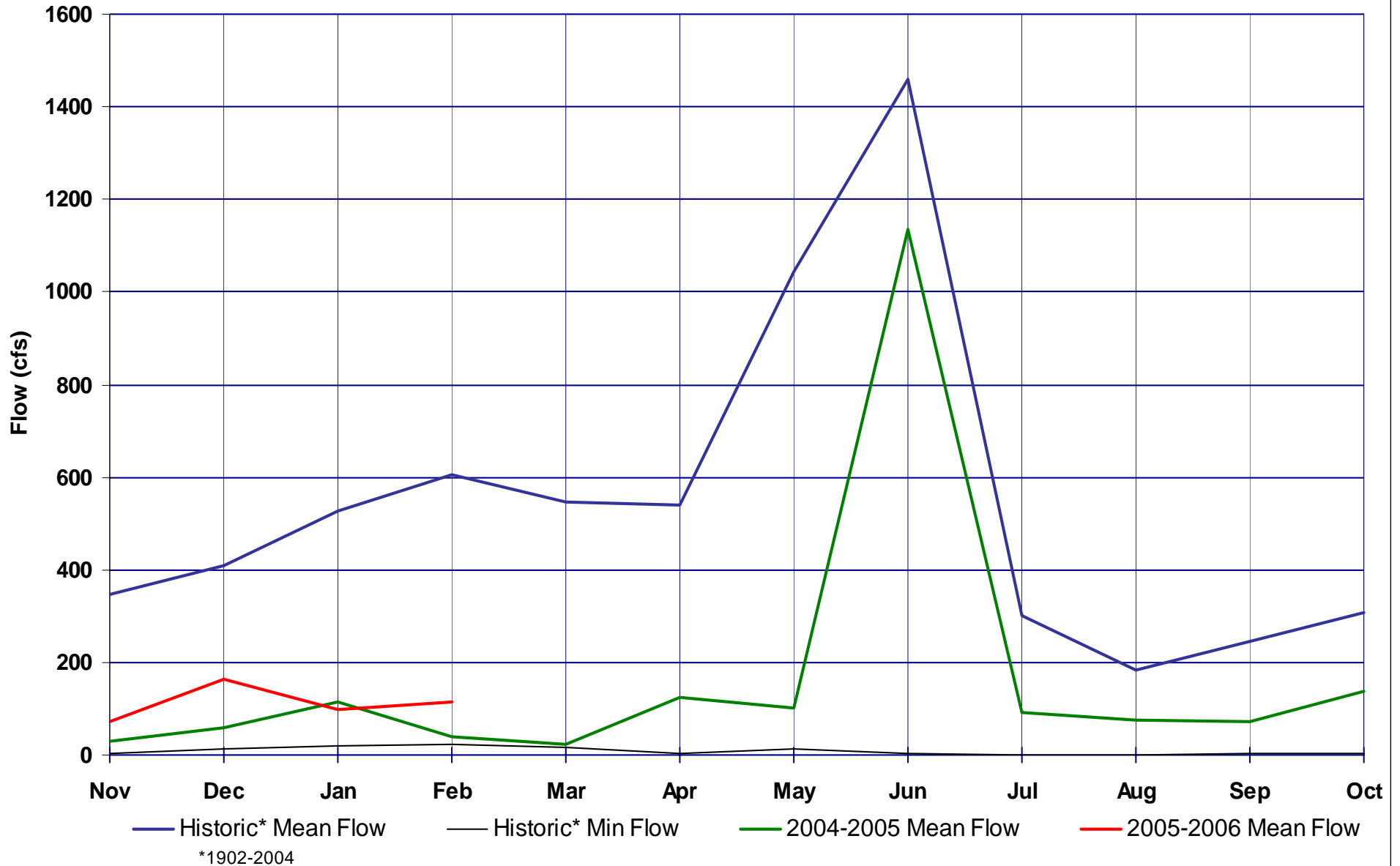
South Platte River at Kersey

Irrigation Water Year



South Platte River at Julesburg

Irrigation Water Year



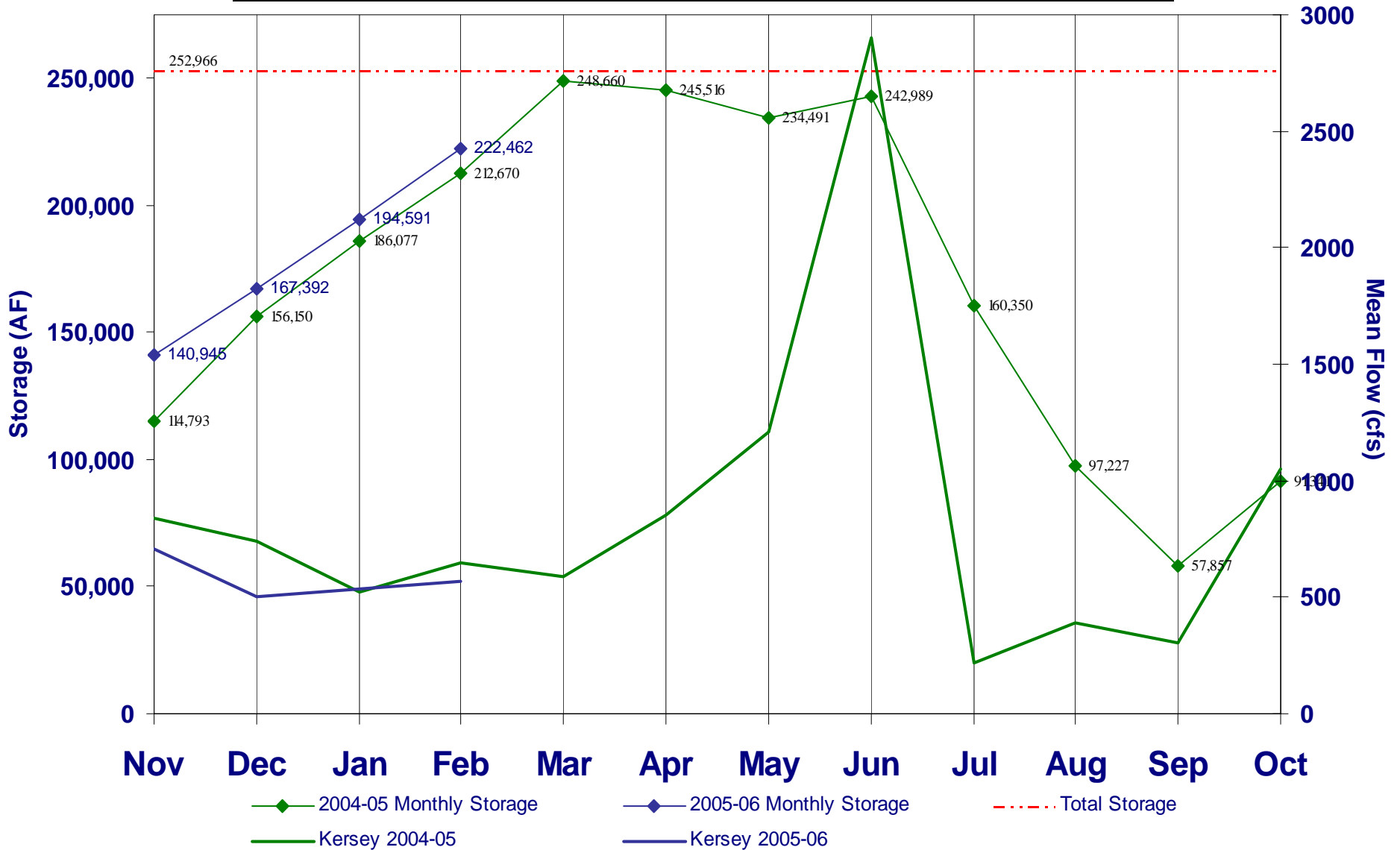


**Next four slides show
Reservoir Storage
below and above Kersey**

South Platte below
Strontia Springs
(Photo by Jana Ash)

Reservoir Storage below Kersey

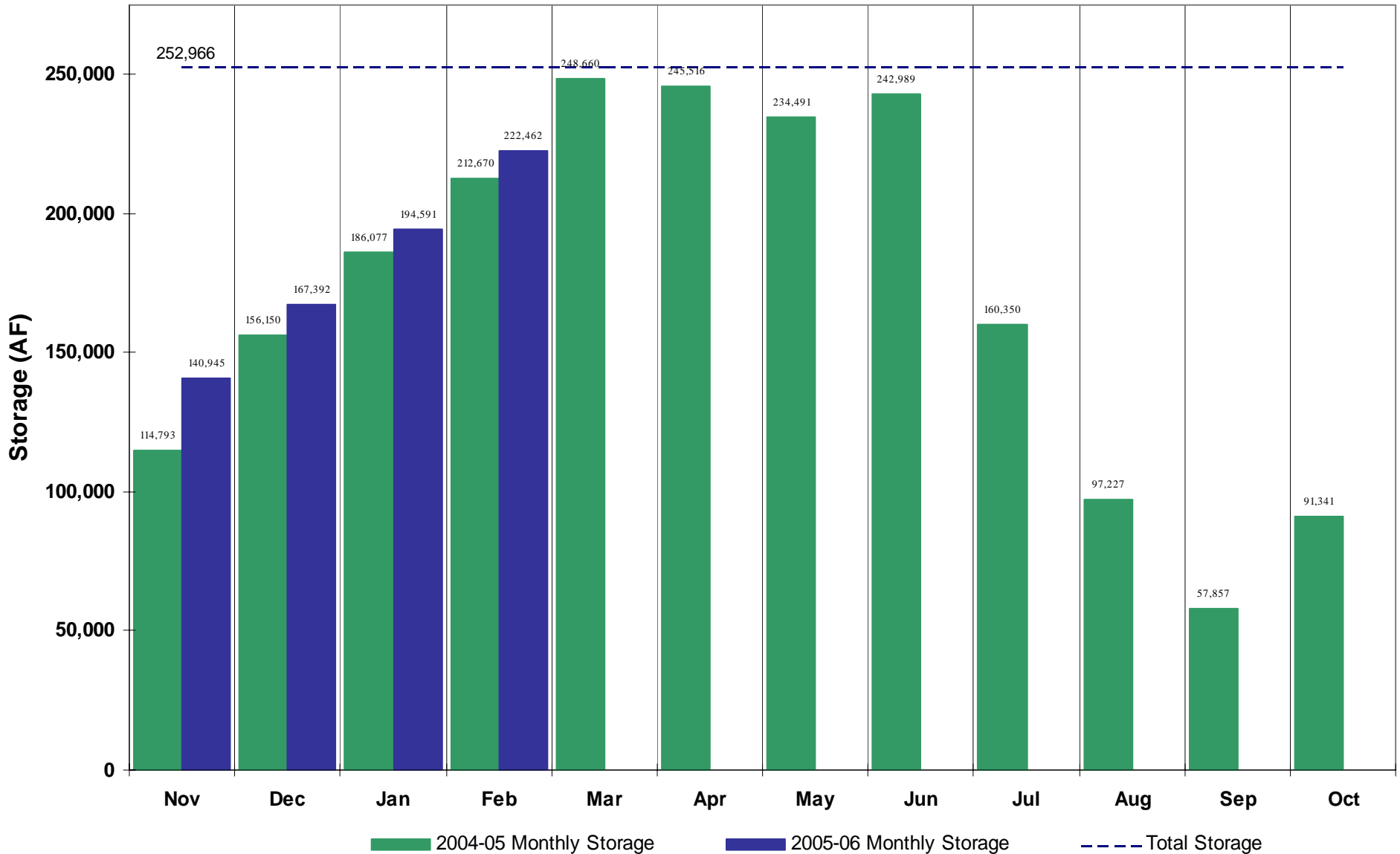
Selected Reservoirs*



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

South Platte Reservoirs

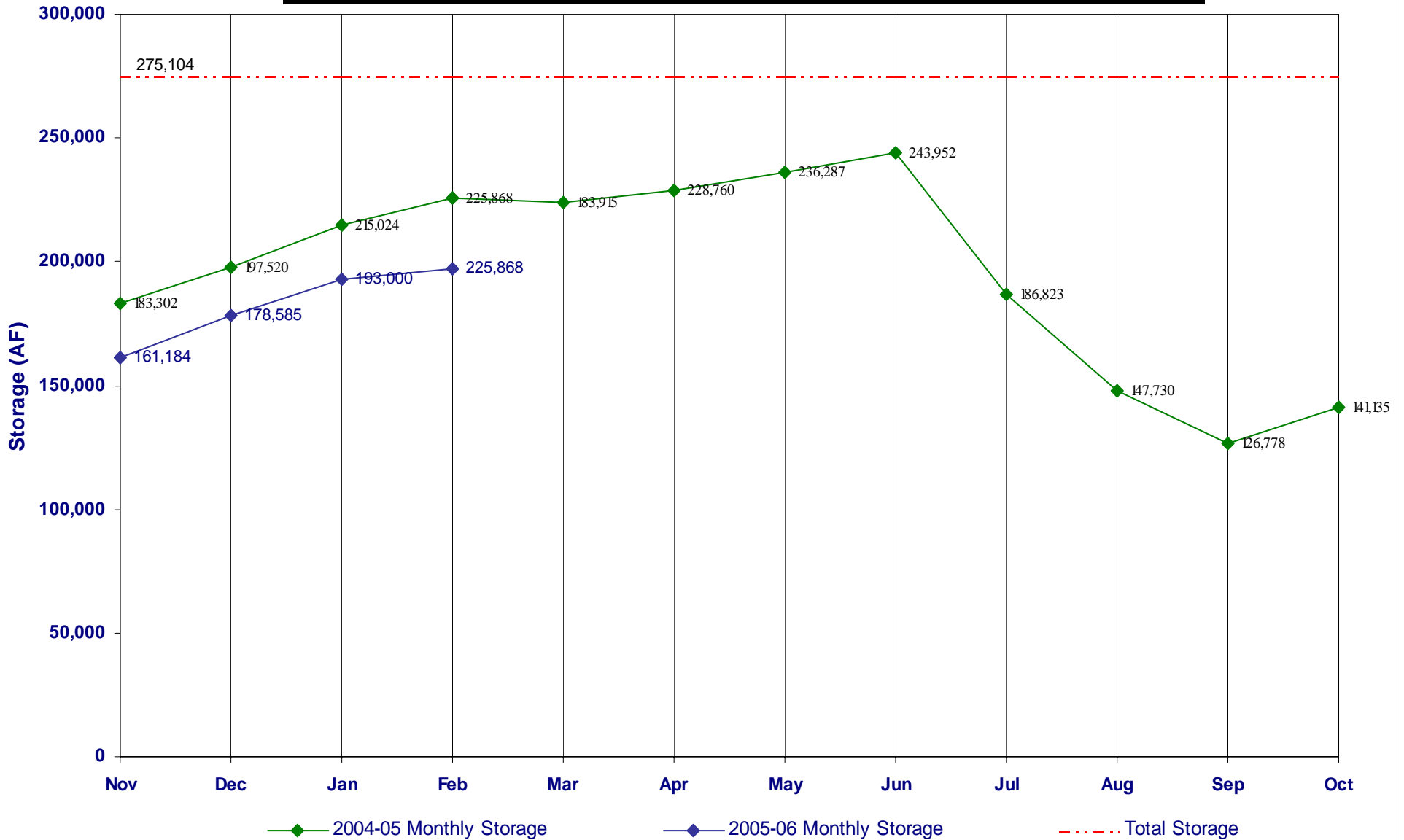
Storage below Kersey*



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

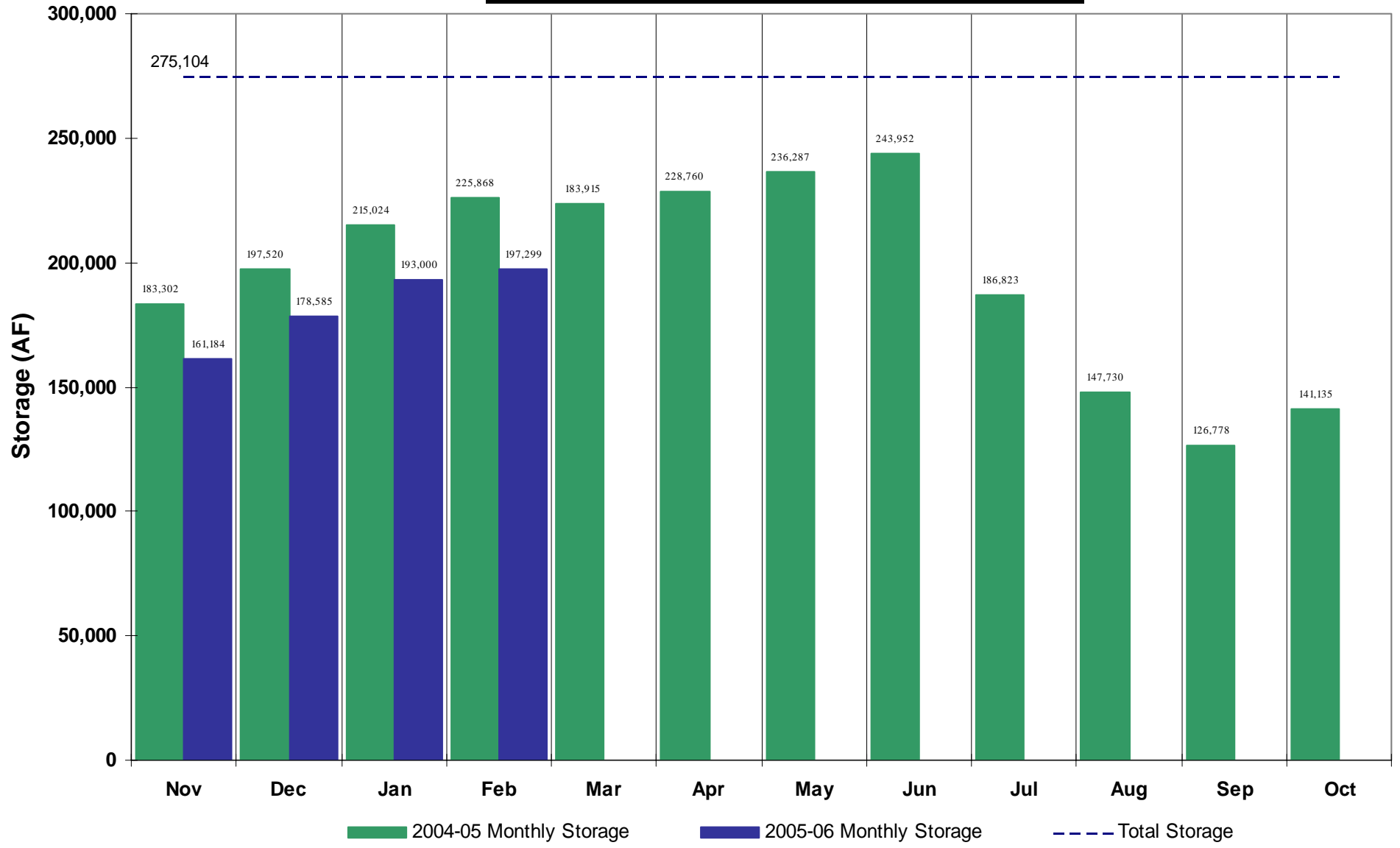
Reservoir Storage above Kersey

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

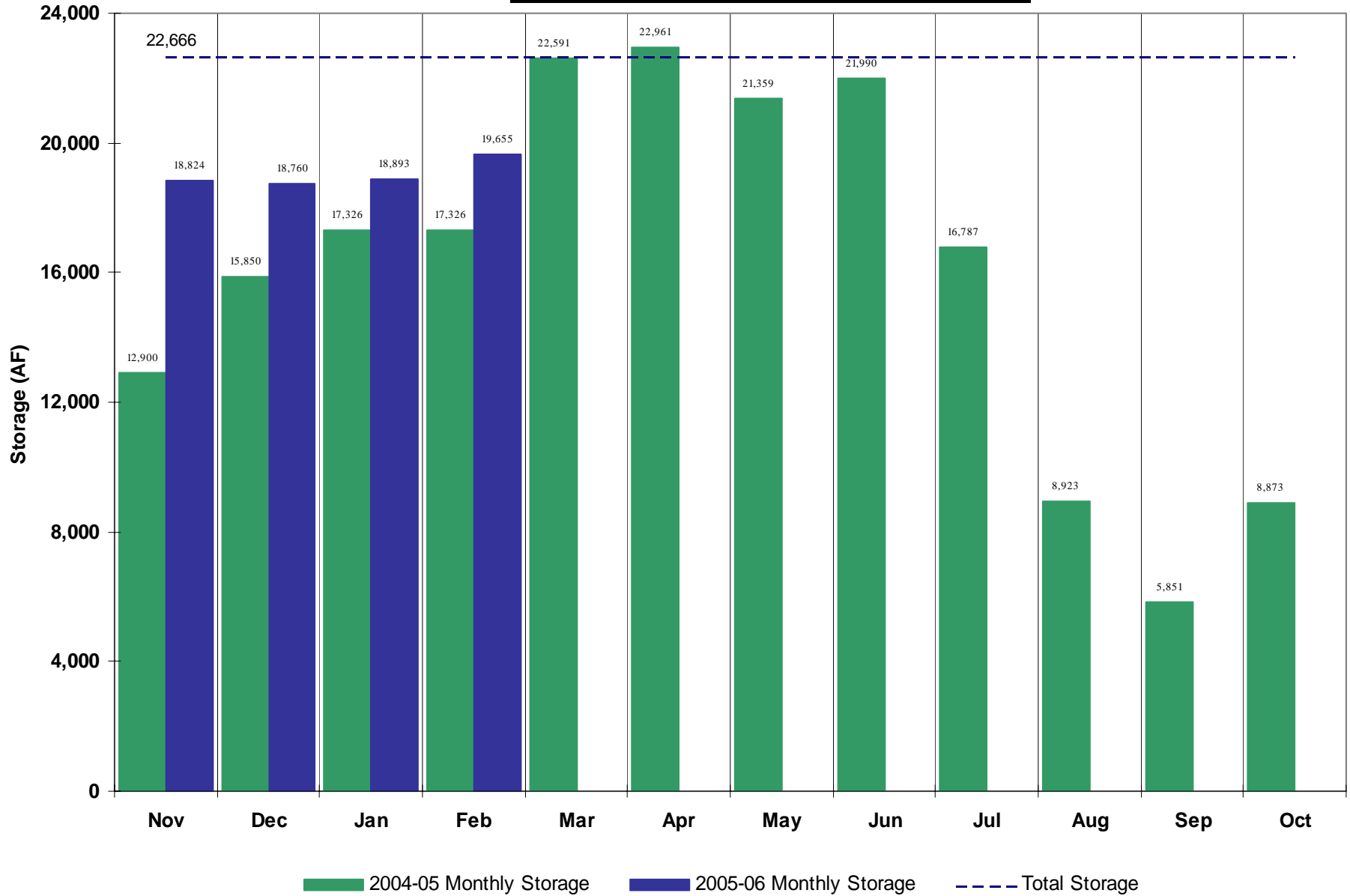


**Individual
Reservoir Storage
Follows**

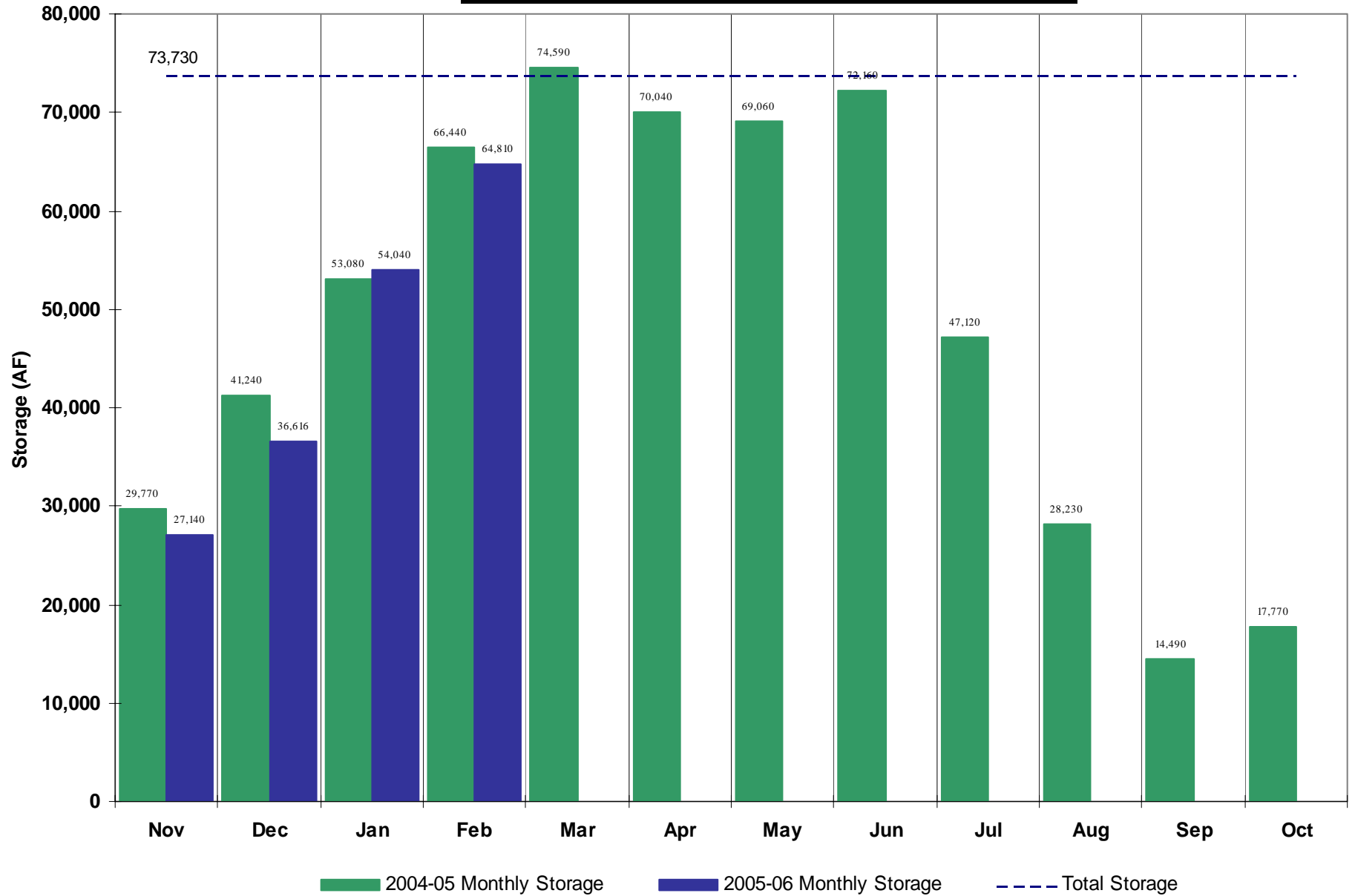
Photo by Jana Ash

Julesburg Reservoir

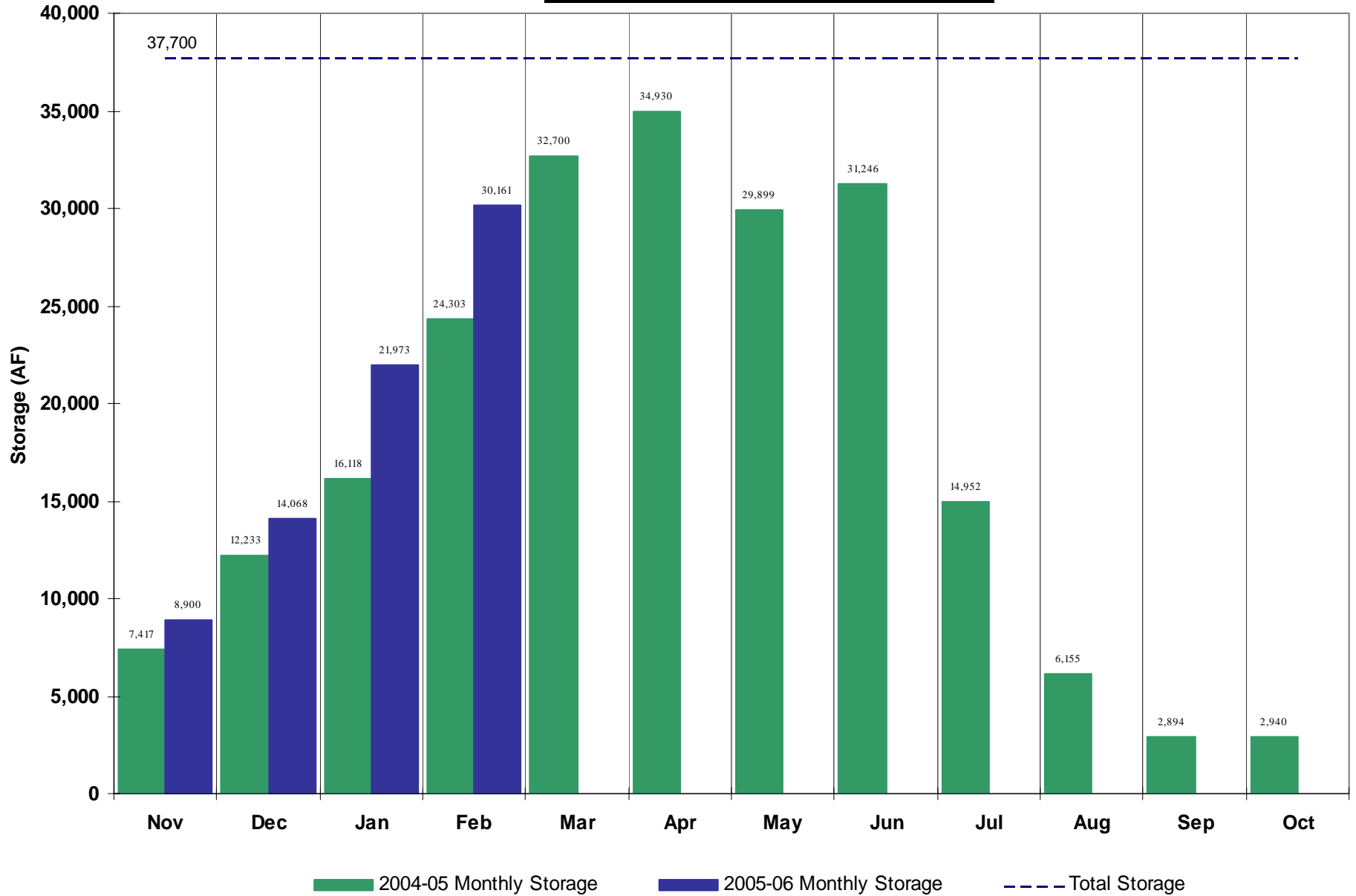
(Agricultural)



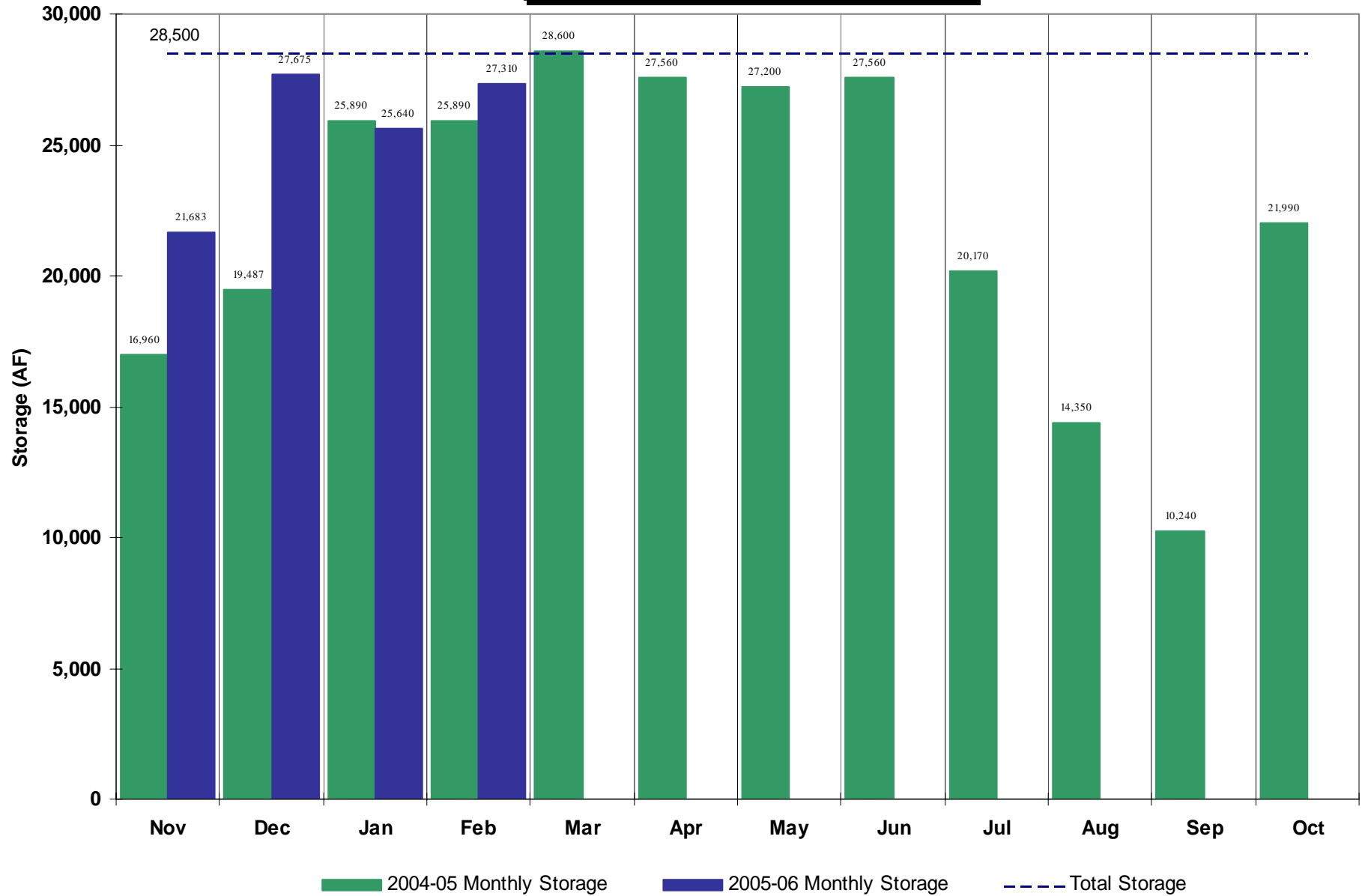
North Sterling Reservoir (Agricultural)



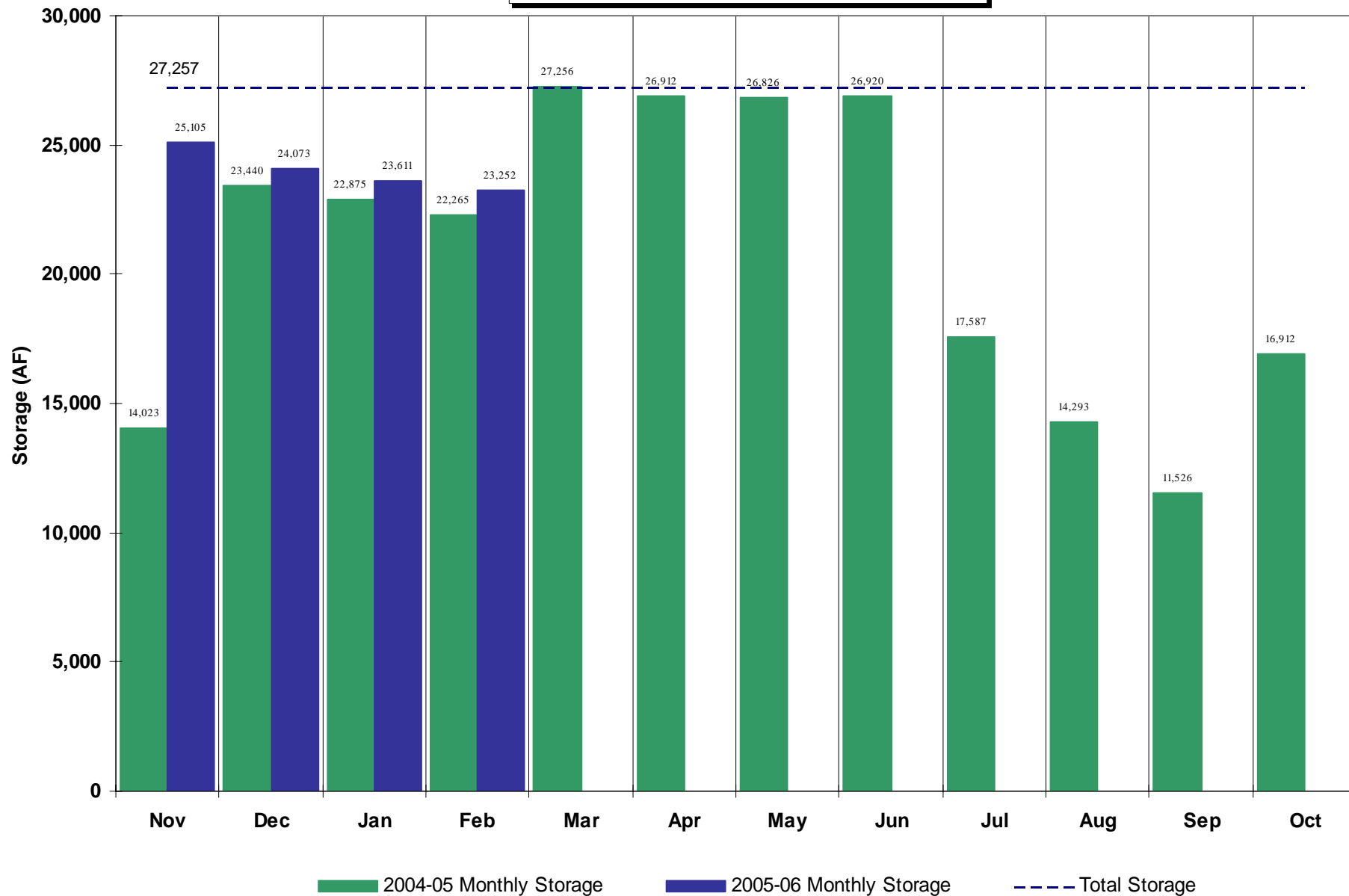
Empire Reservoir (Agricultural)



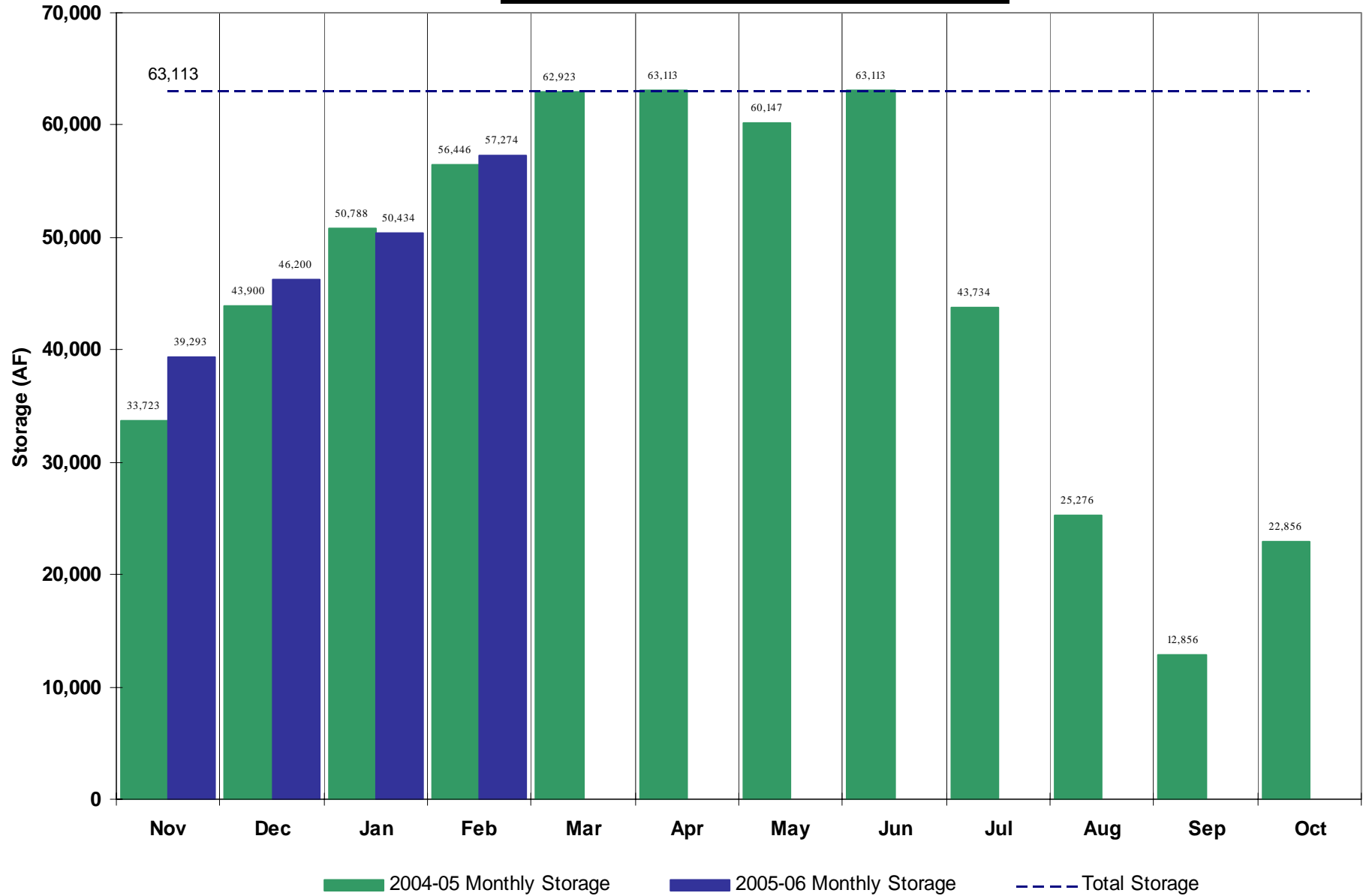
Prewitt Reservoir (Agricultural)



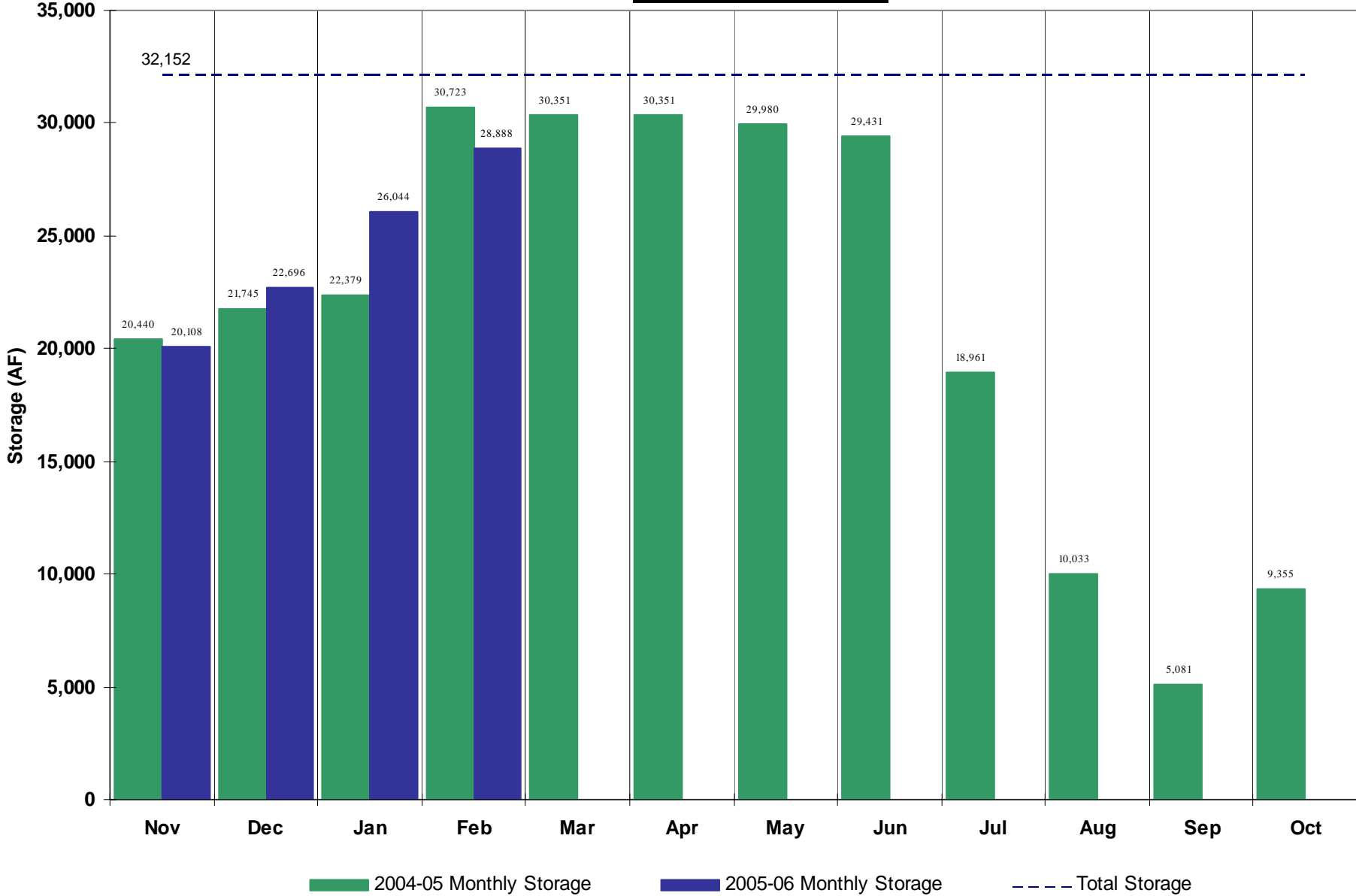
Jackson Reservoir (Agricultural)



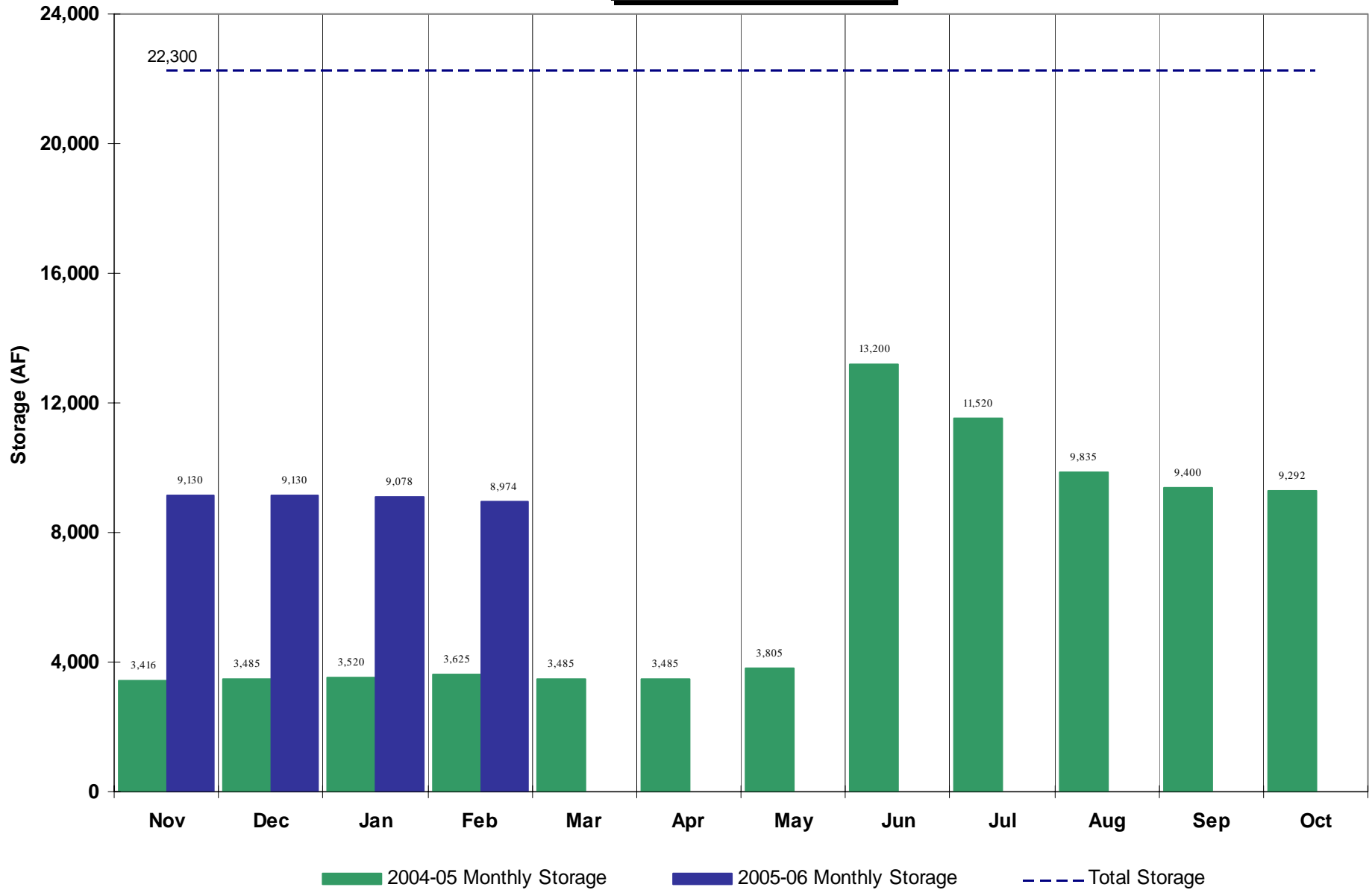
Riverside Reservoir (Agricultural)



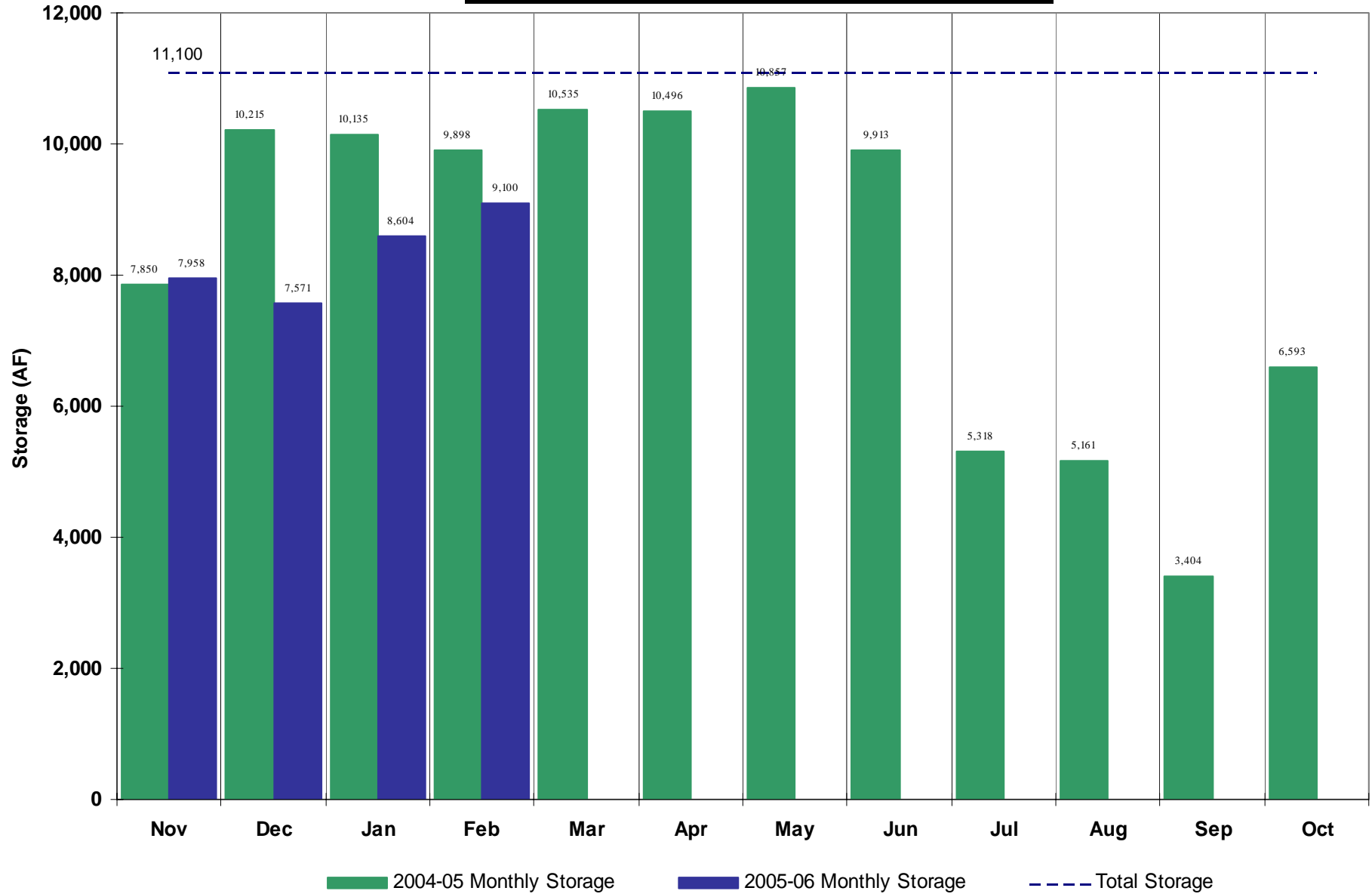
Barr Lake (Agricultural)



Cobb Lake (Agricultural)

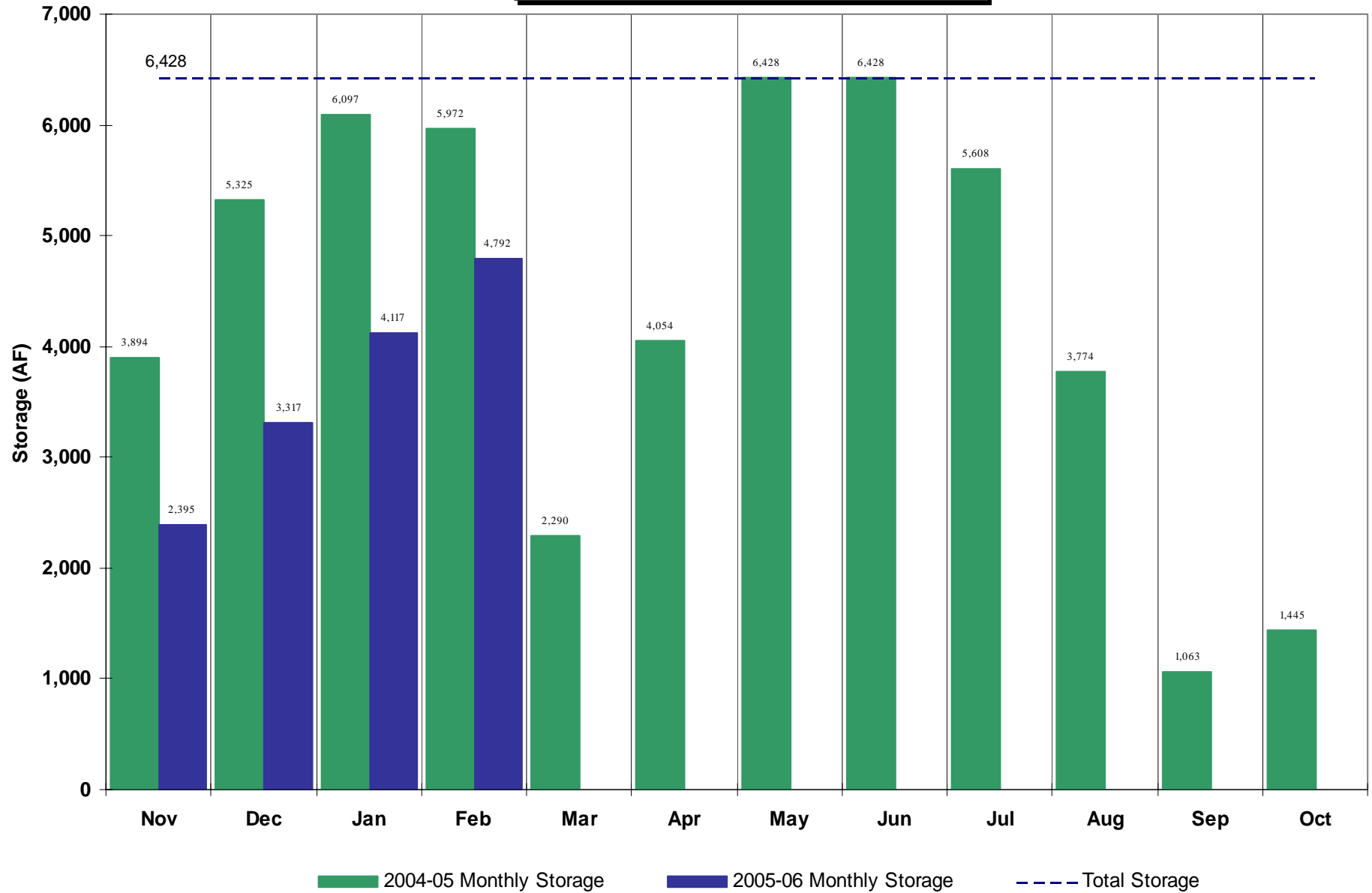


Fossil Creek Reservoir (Agricultural)

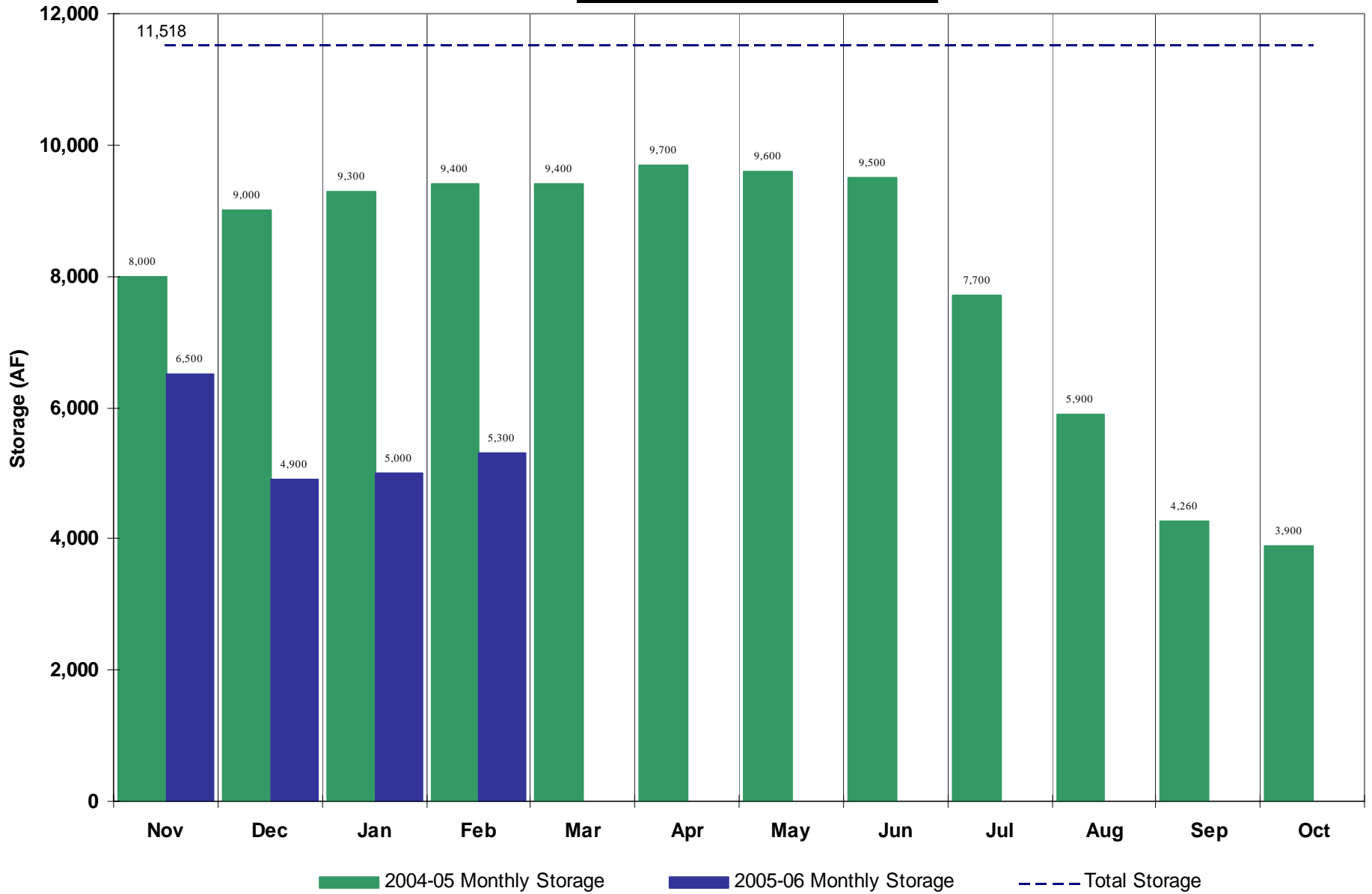


Halligan Reservoir

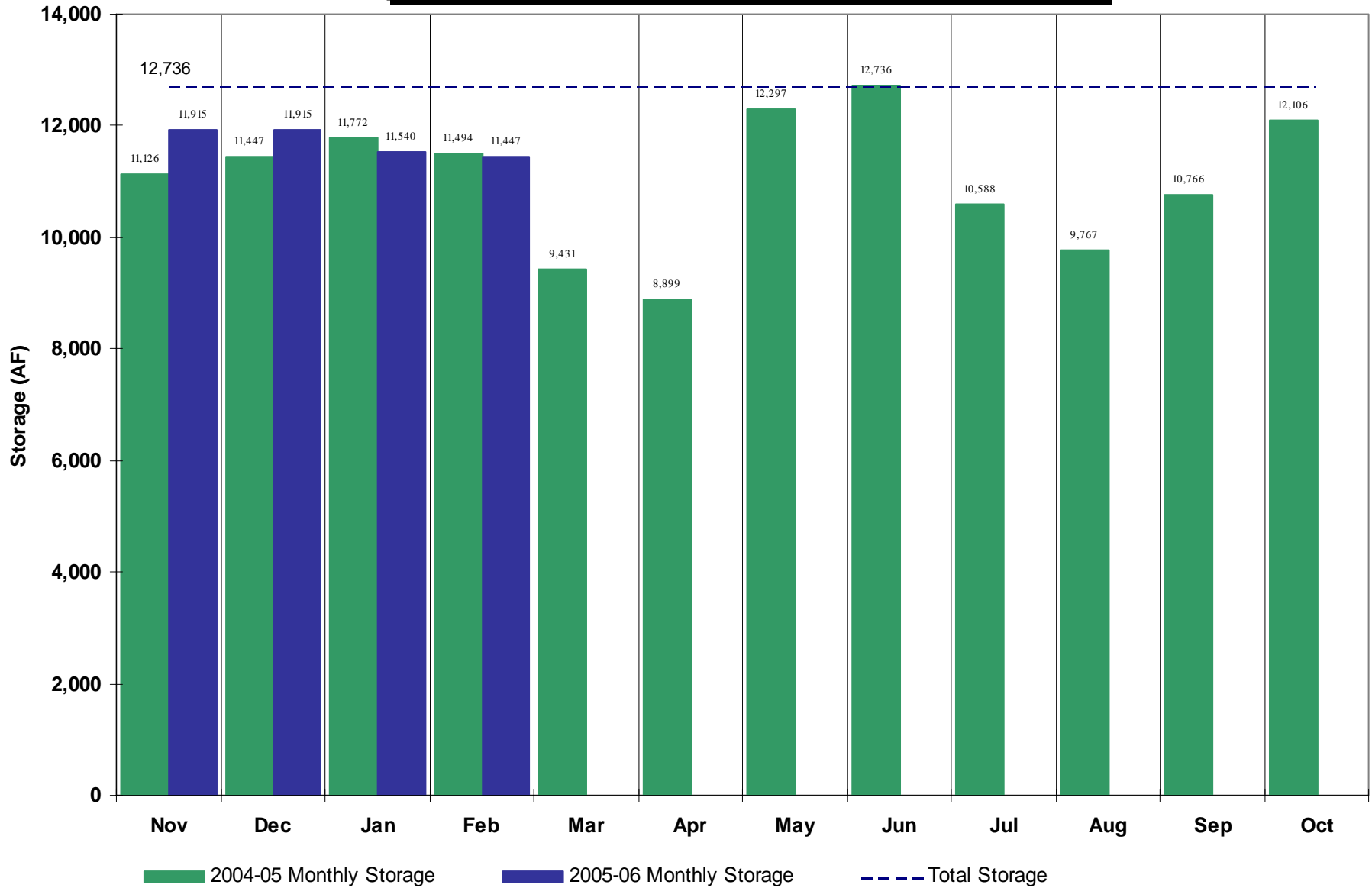
(Agricultural)



Marshall Lake (Agricultural)

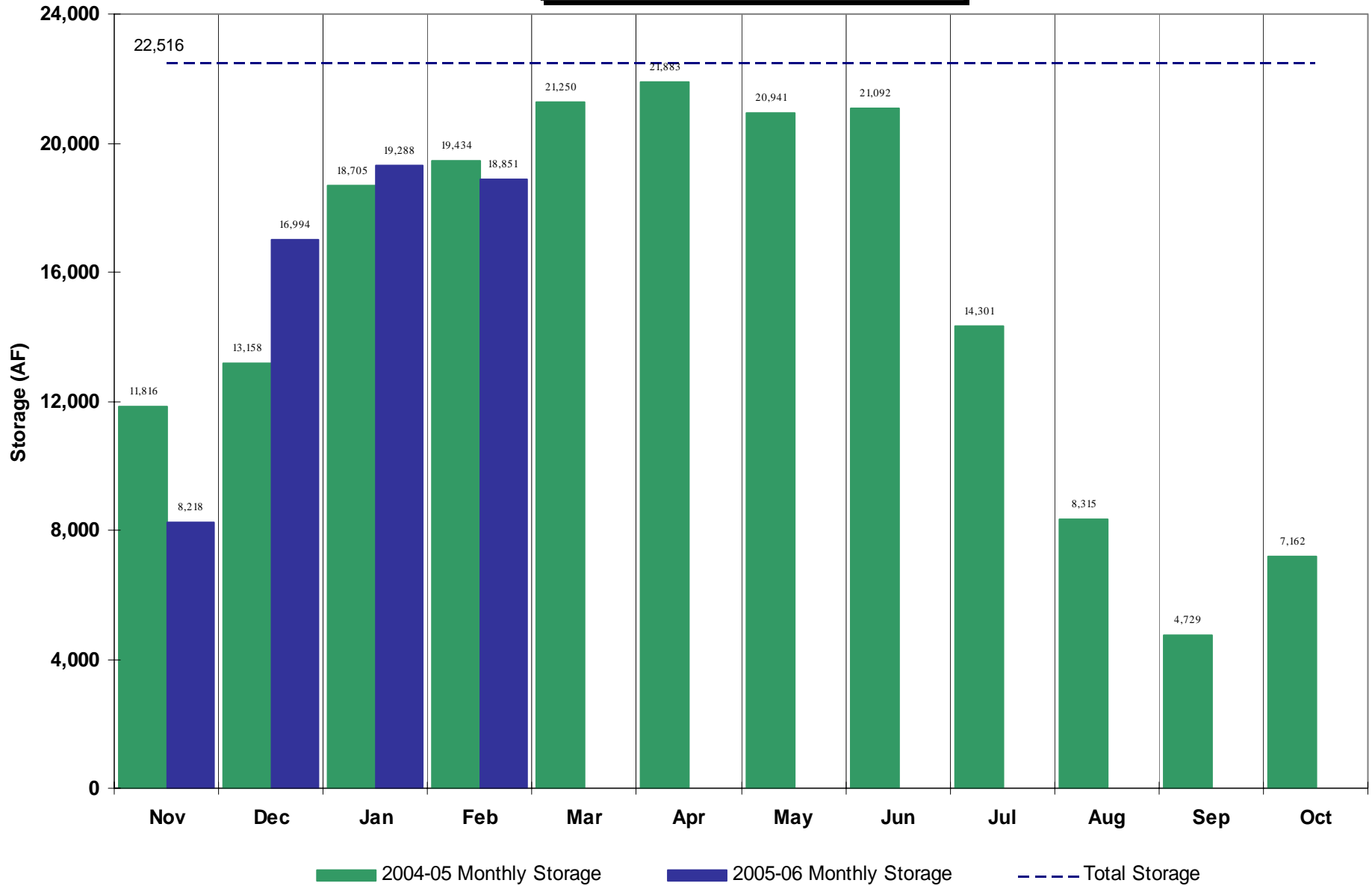


Loveland Greeley Reservoir (Agricultural)

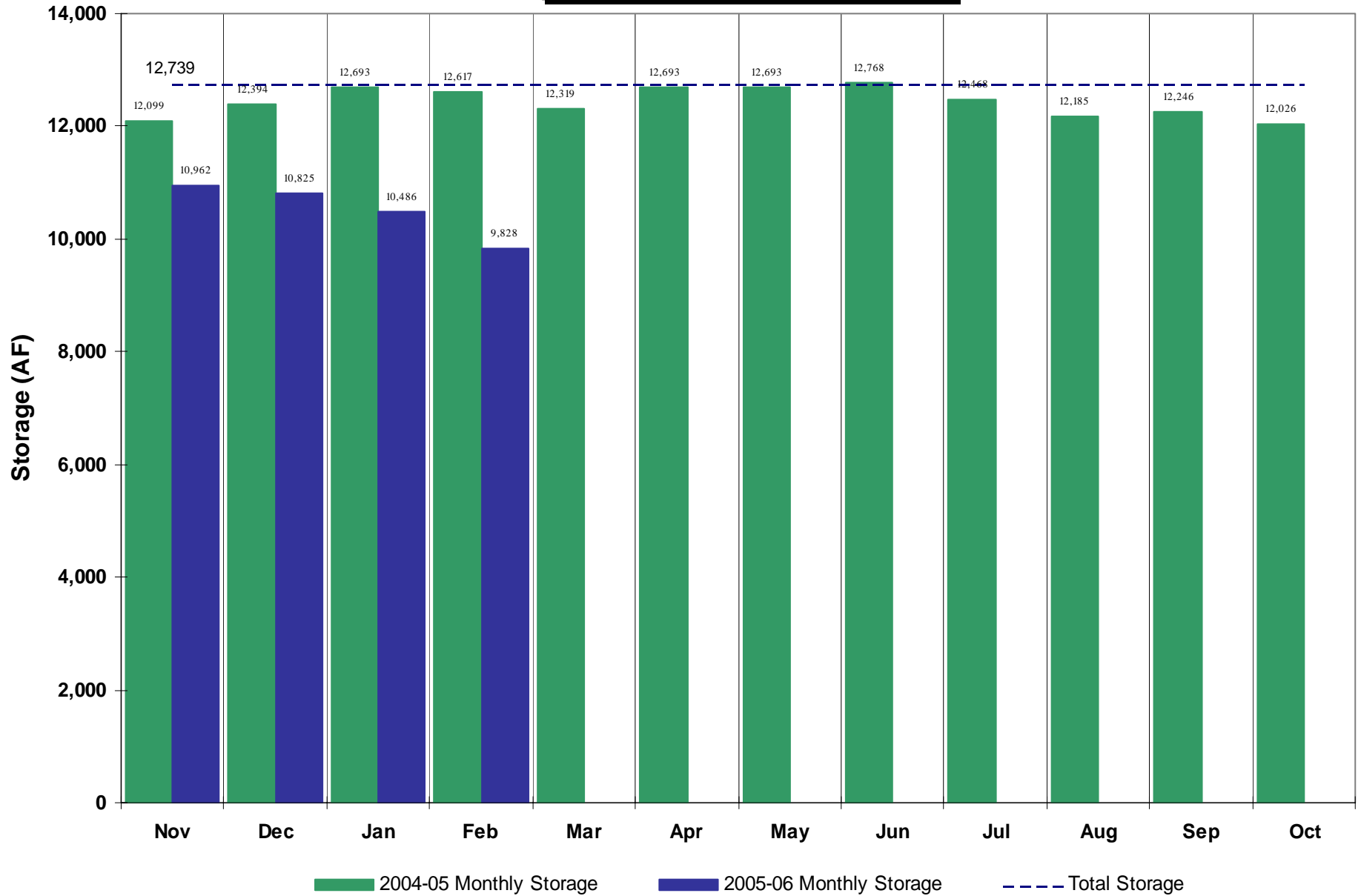


Milton Reservoir

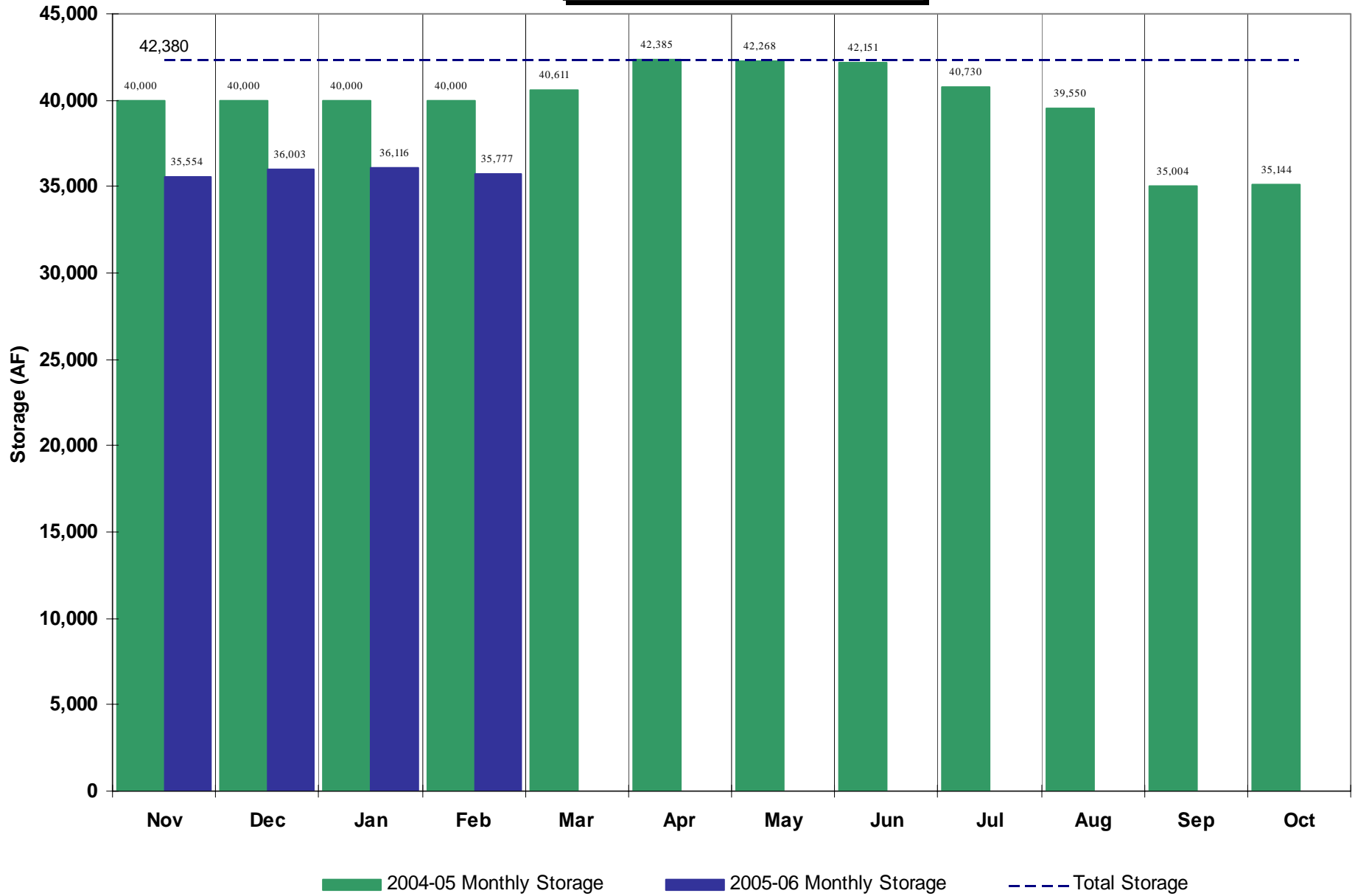
(Agricultural)



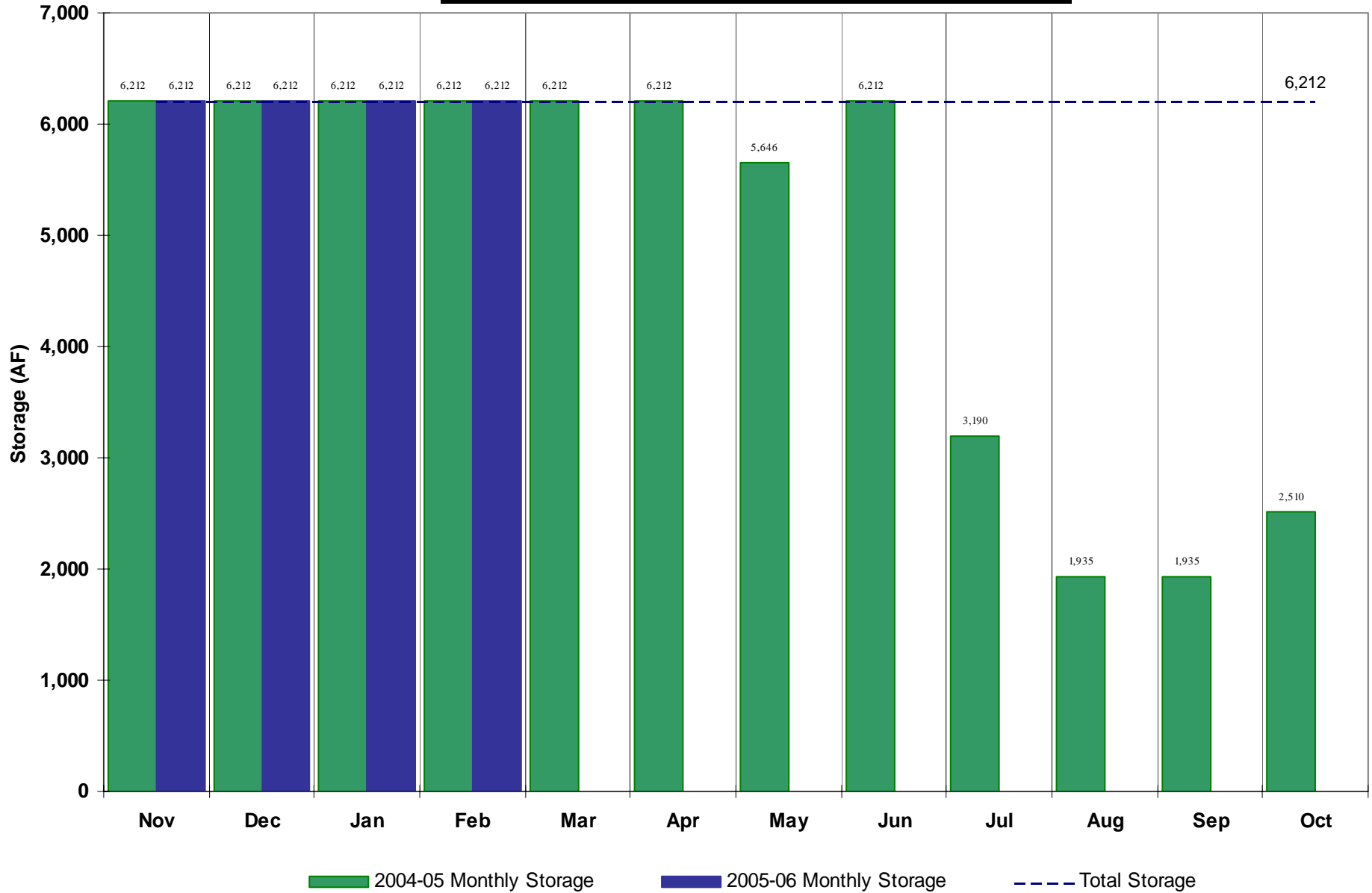
Union Reservoir (Agricultural)



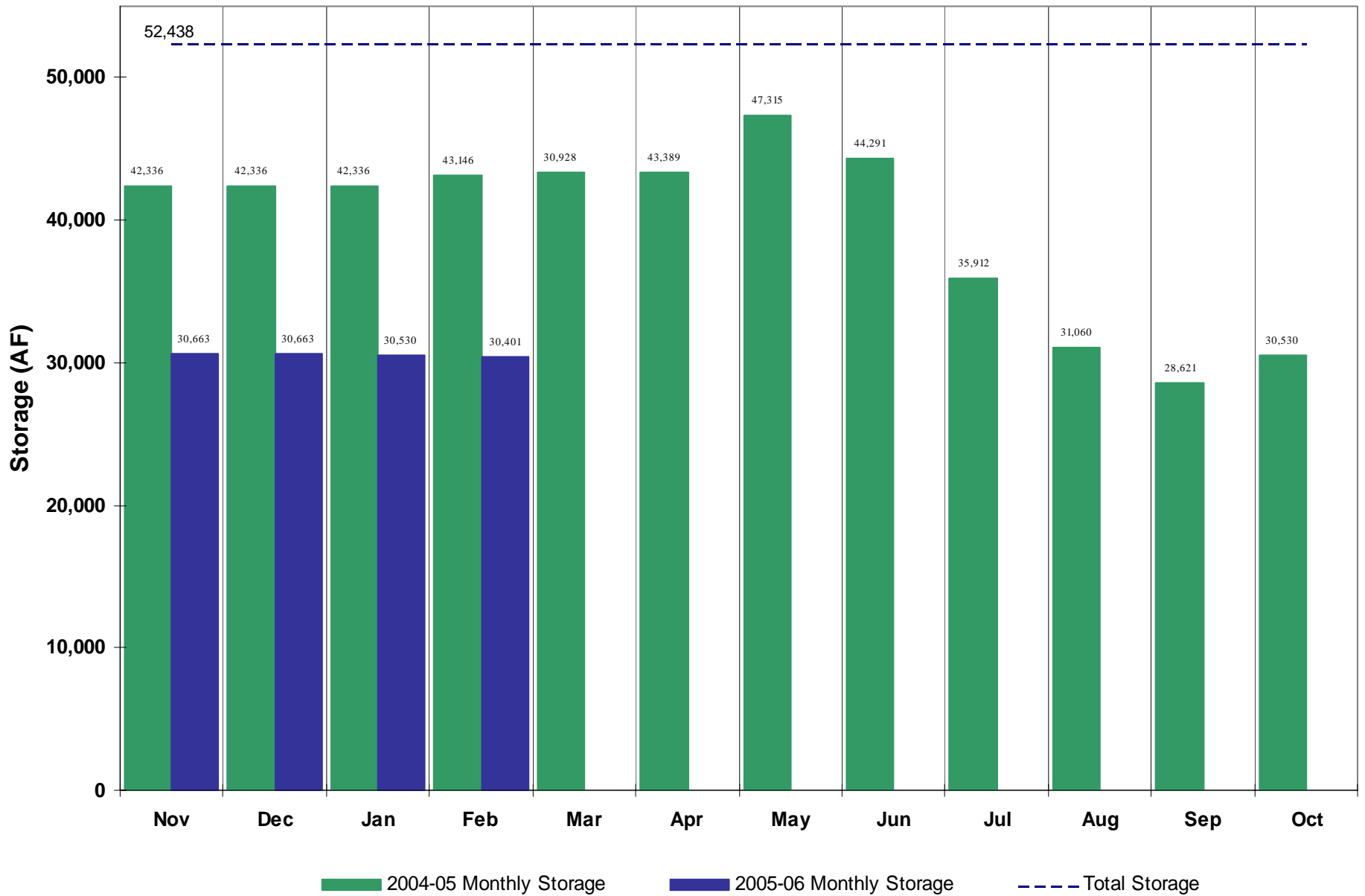
Standley Lake (Agricultural)



Lower Latham Reservoir (Agricultural)

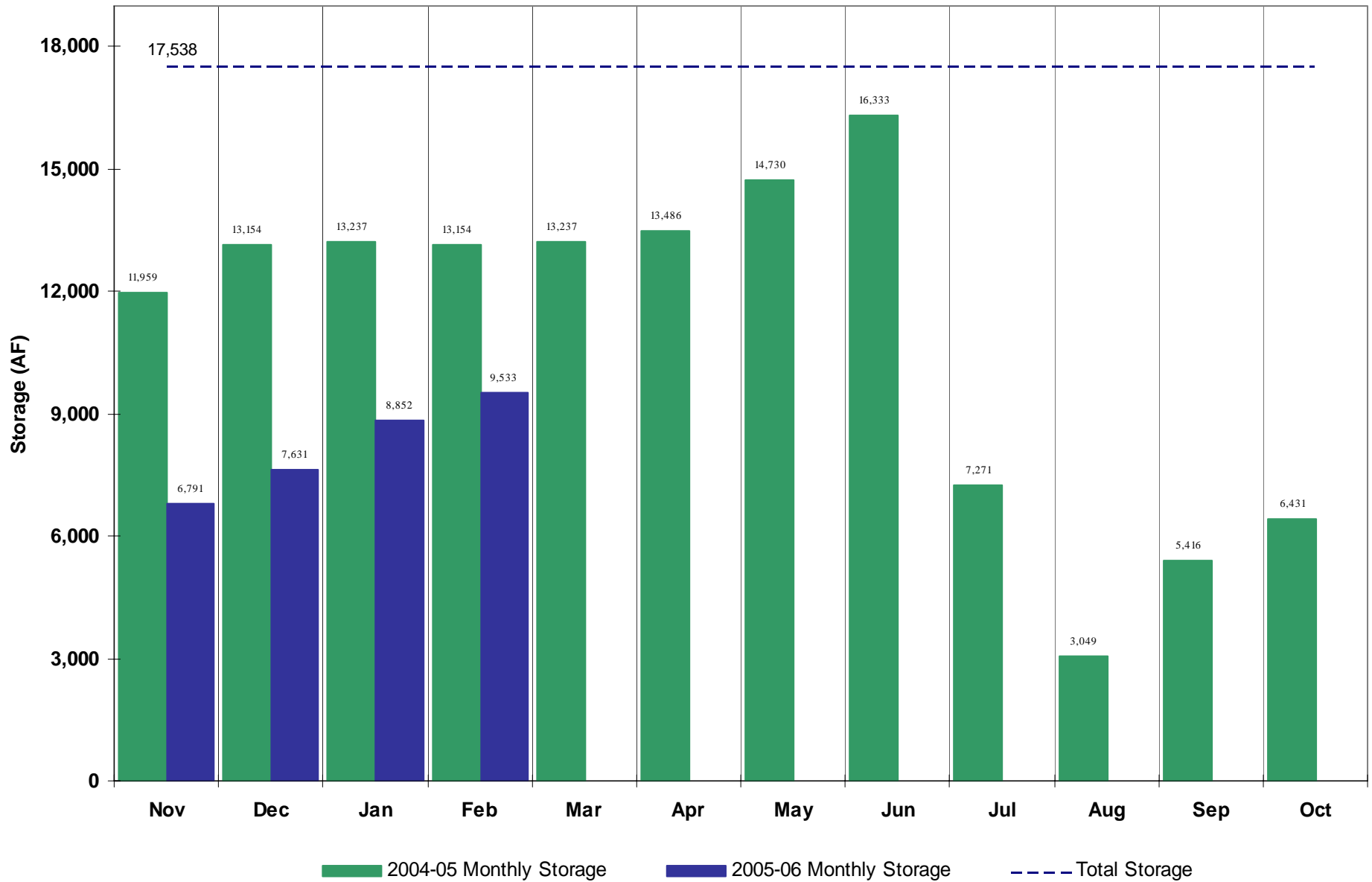


Boyd Lake (Agricultural)

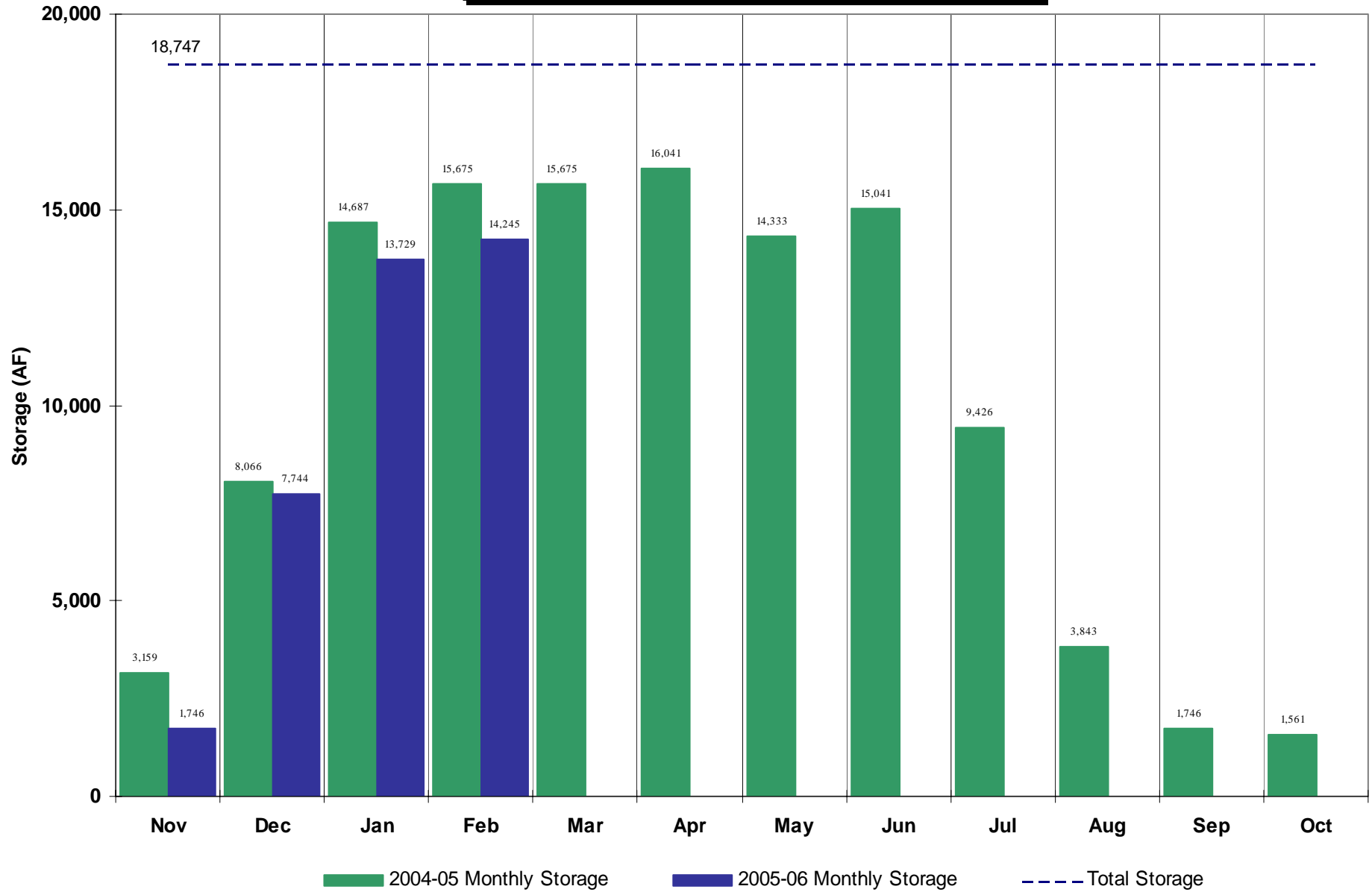


Windsor Reservoir

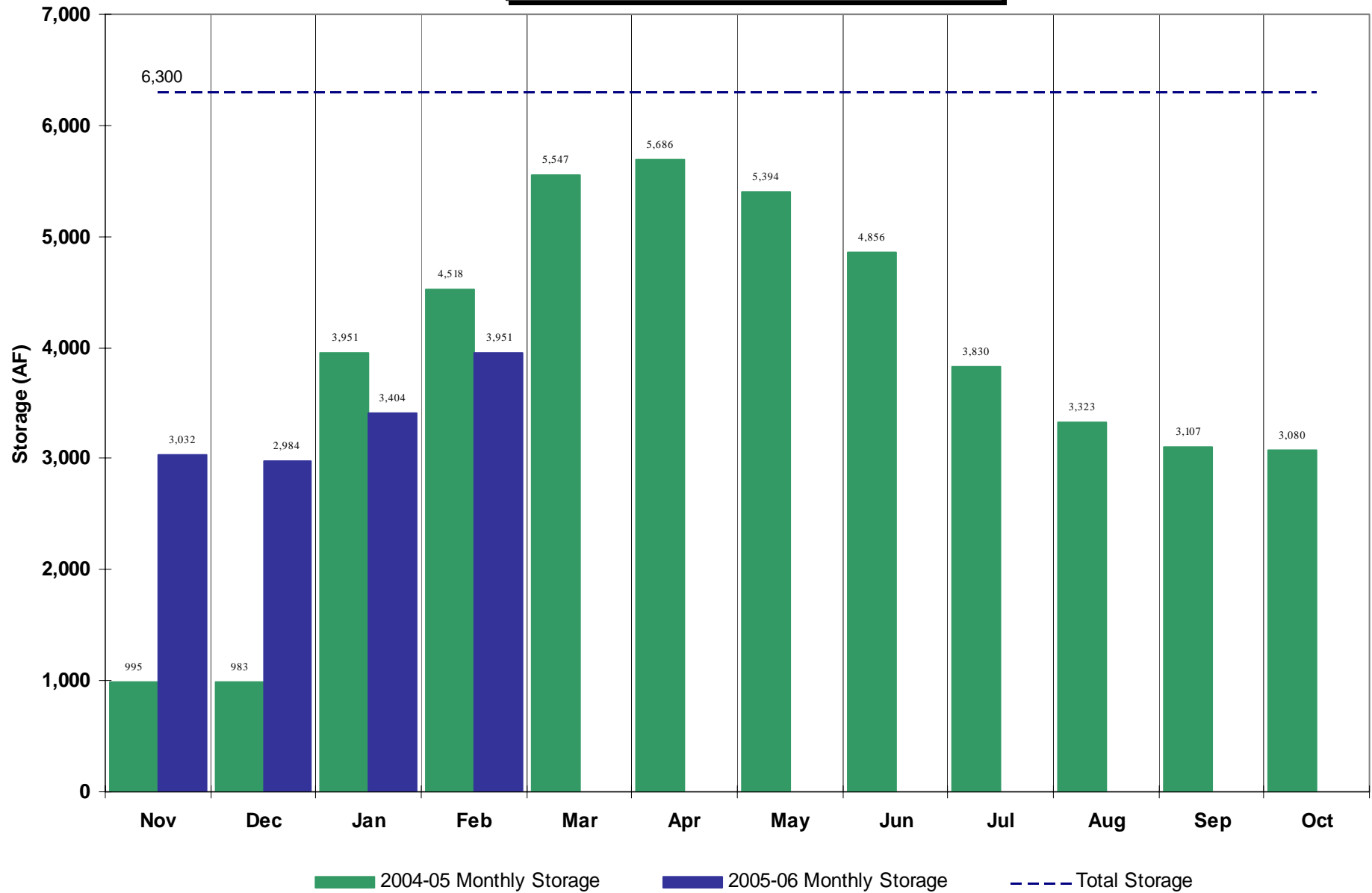
(Agricultural)



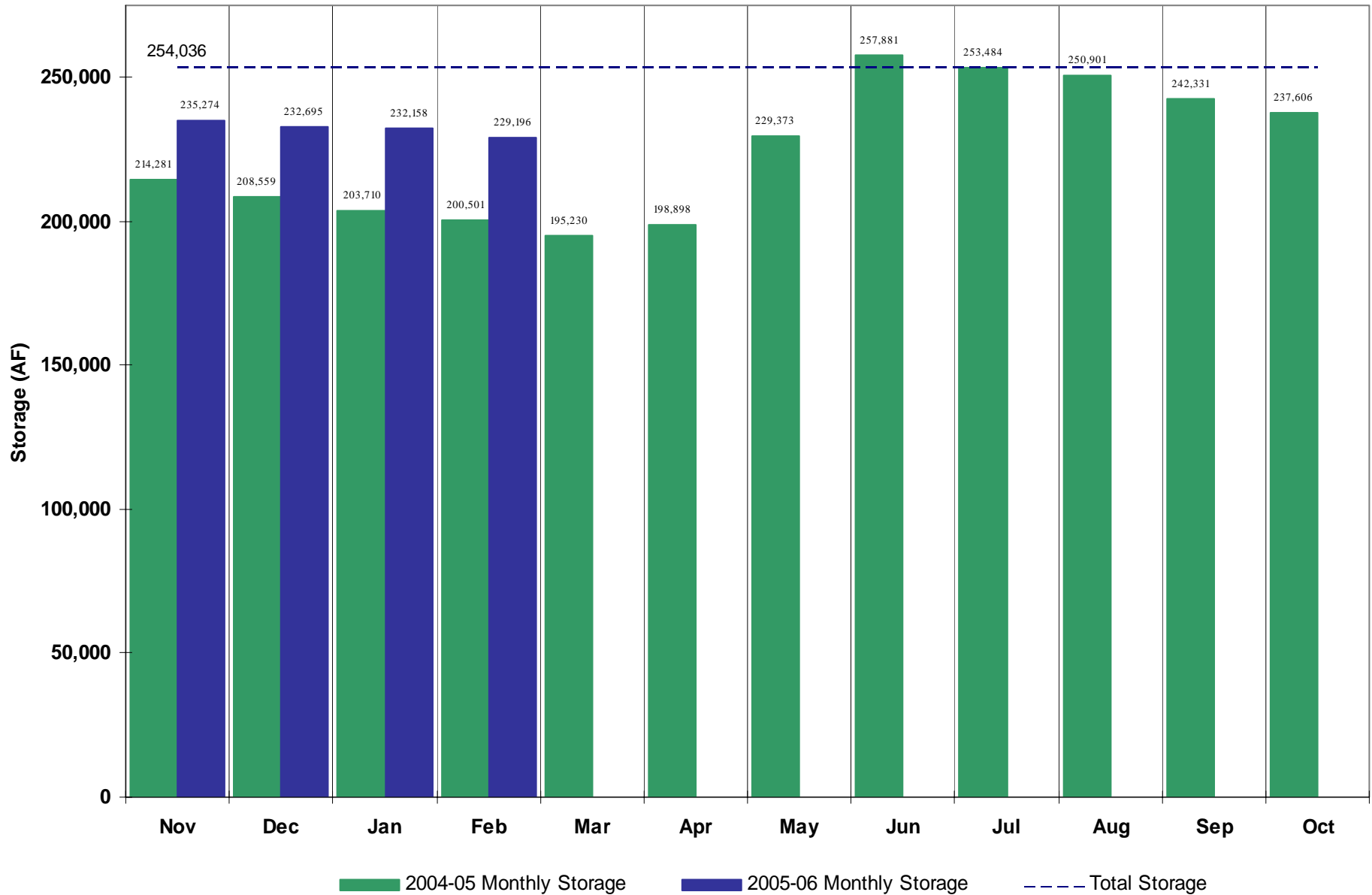
Horse Creek Reservoir (Agricultural)



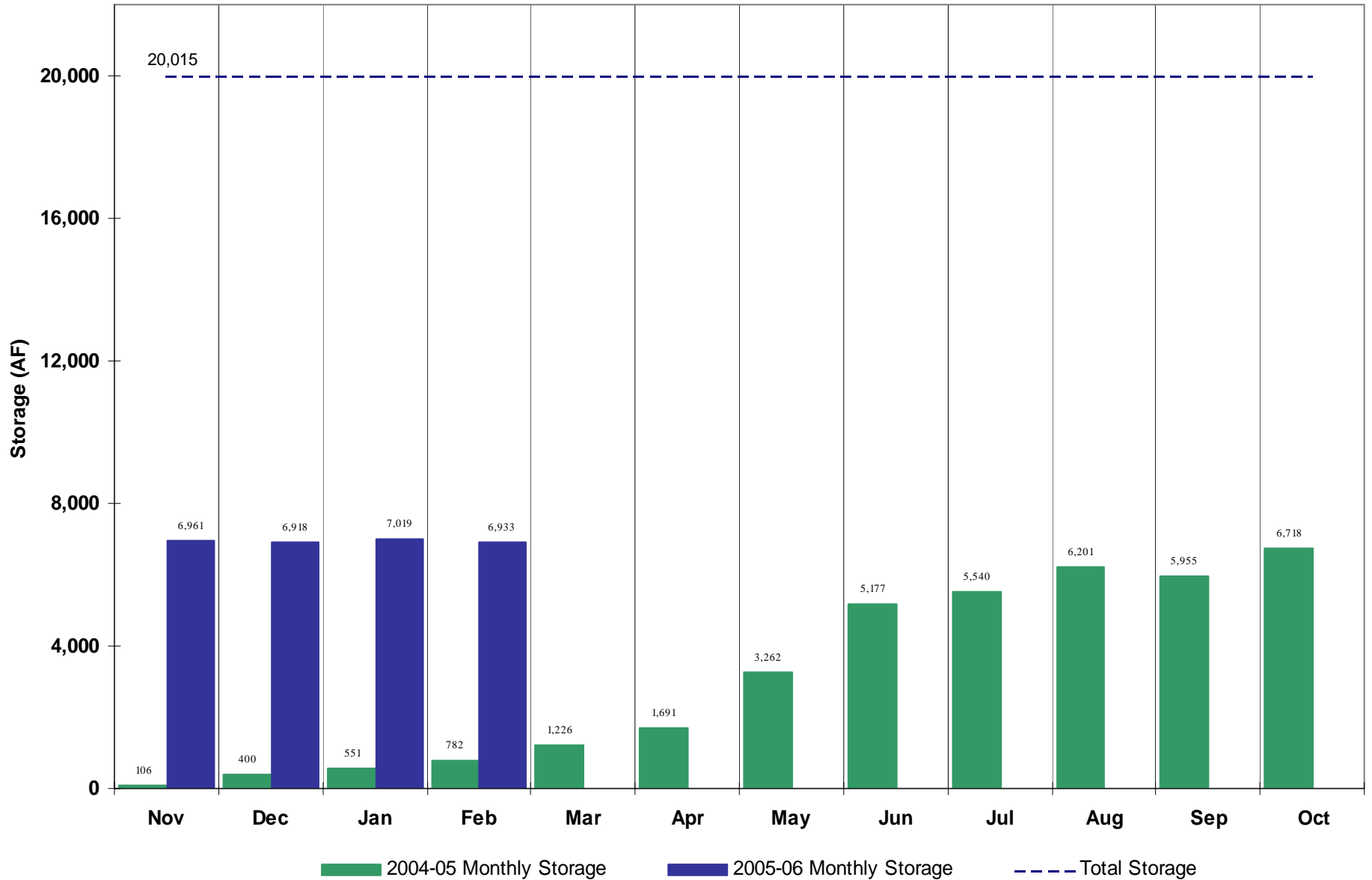
Prospect Reservoir (Agricultural)



Dillon Reservoir (Municipal)

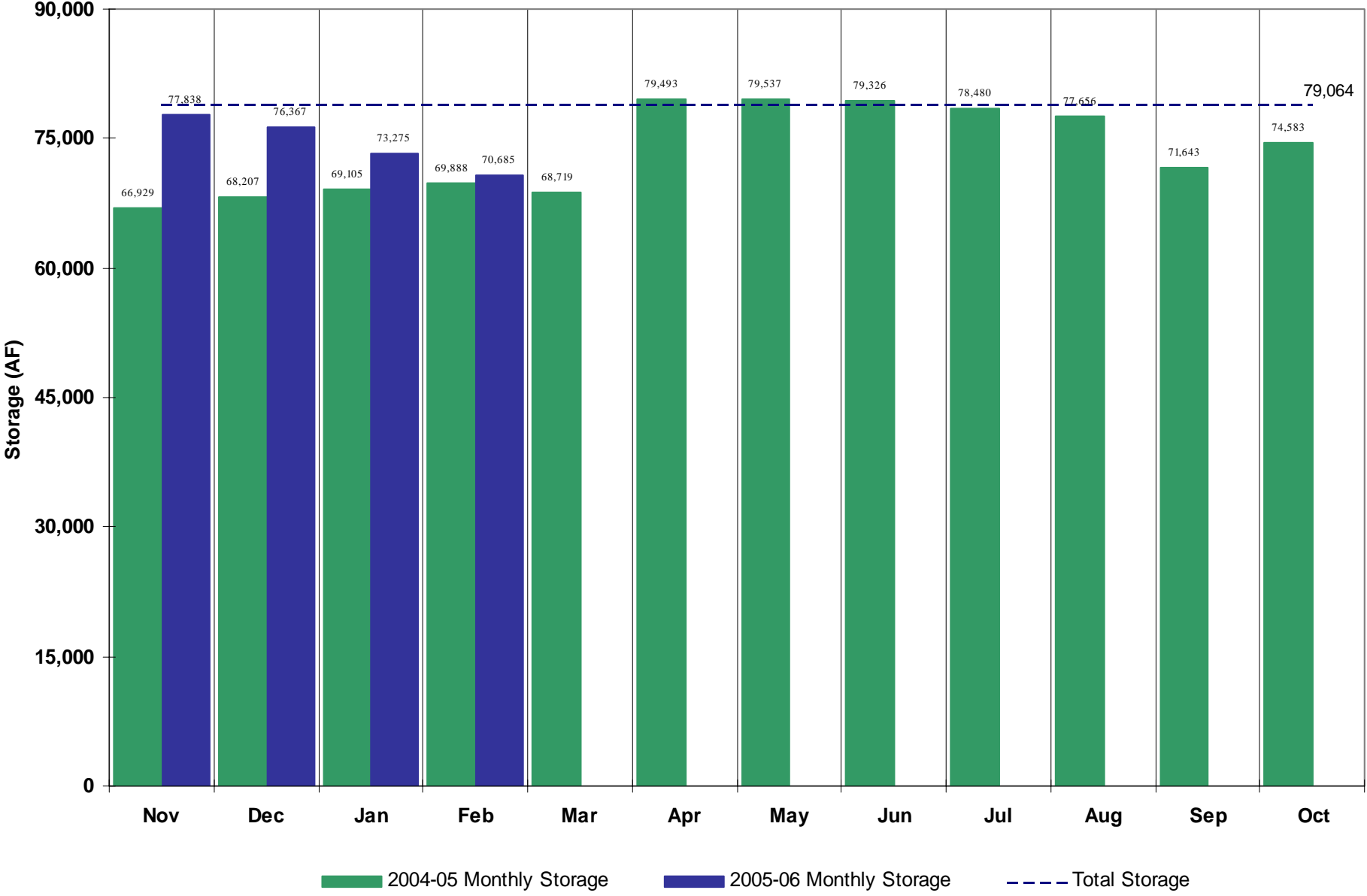


Antero Reservoir (Municipal)

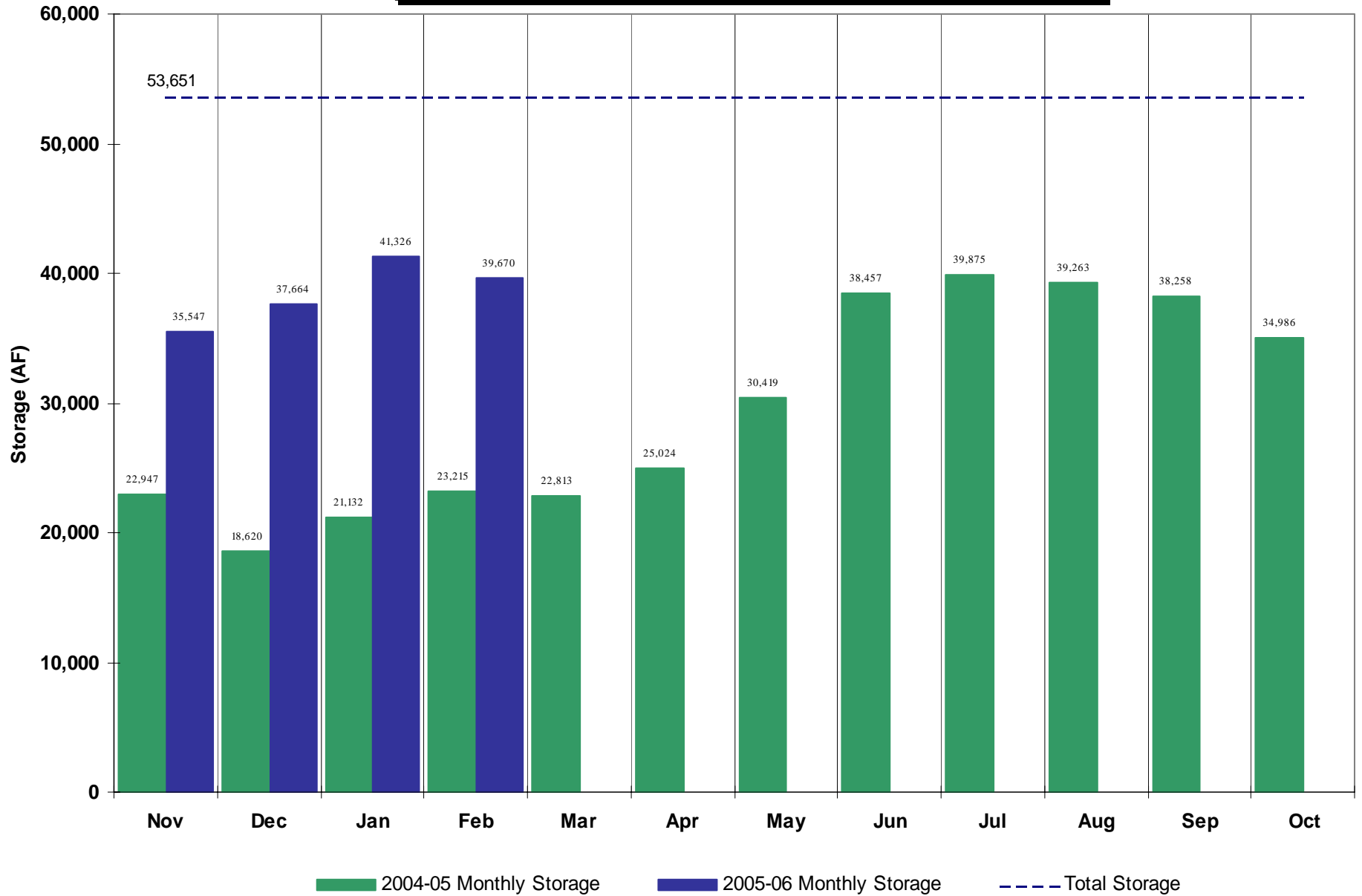


Cheesman Reservoir

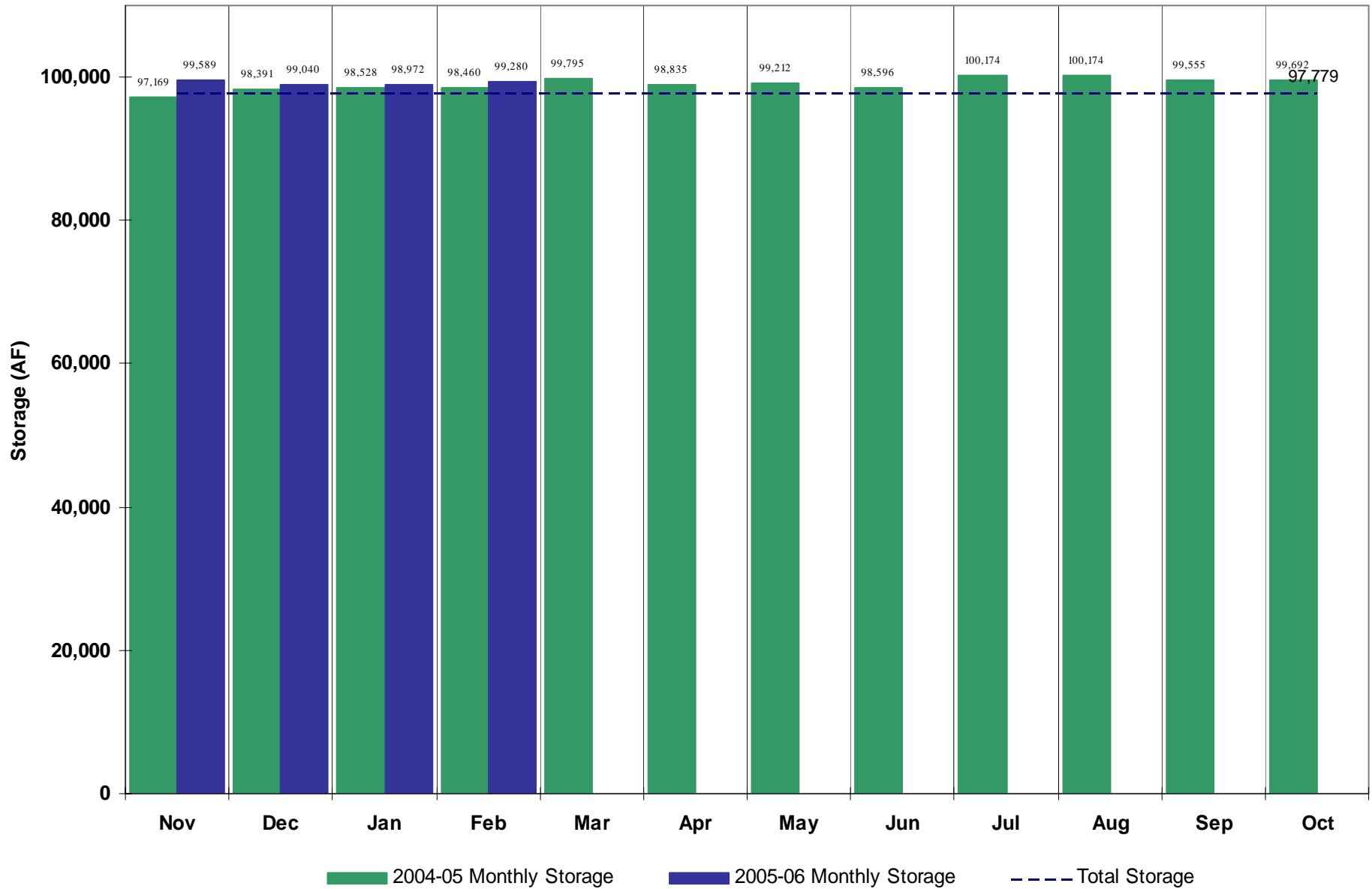
(Municipal)



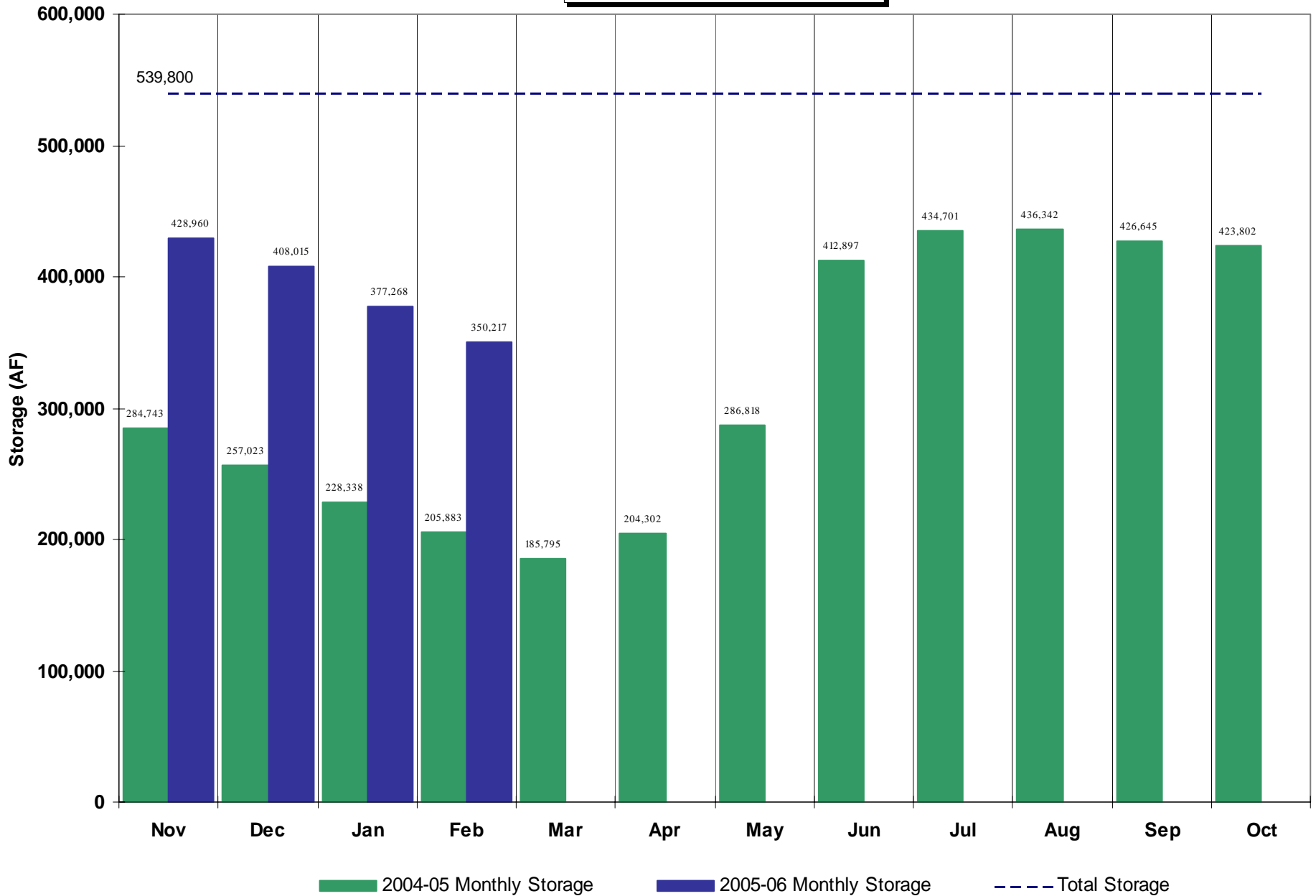
Spinney Mountain Reservoir (Municipal)



Eleven Mile Reservoir (Municipal)



Lake Granby



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



**Weir & Flume Workshop in Sterling
(Photo by John Anderson)**