



South Platte Summary

January 2005

By Claudia Engelmann

Colorado Division of Water Resources

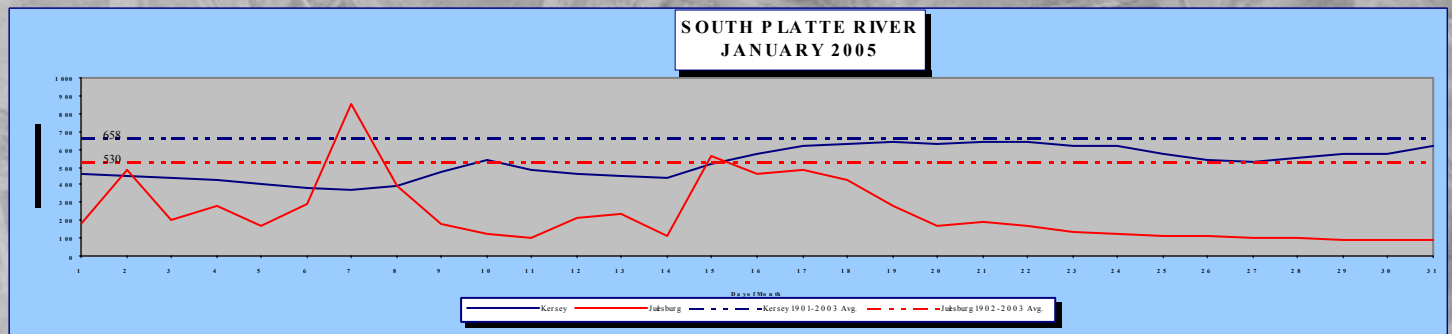
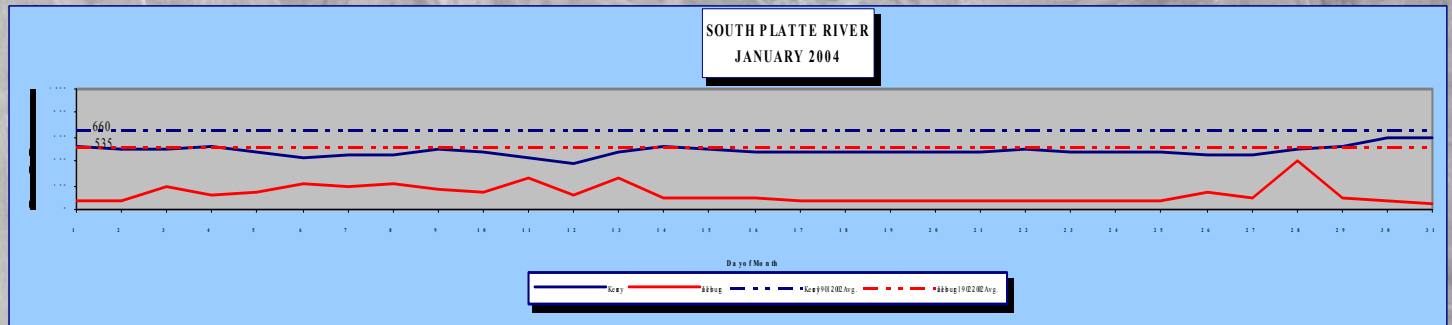
Poudre River

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

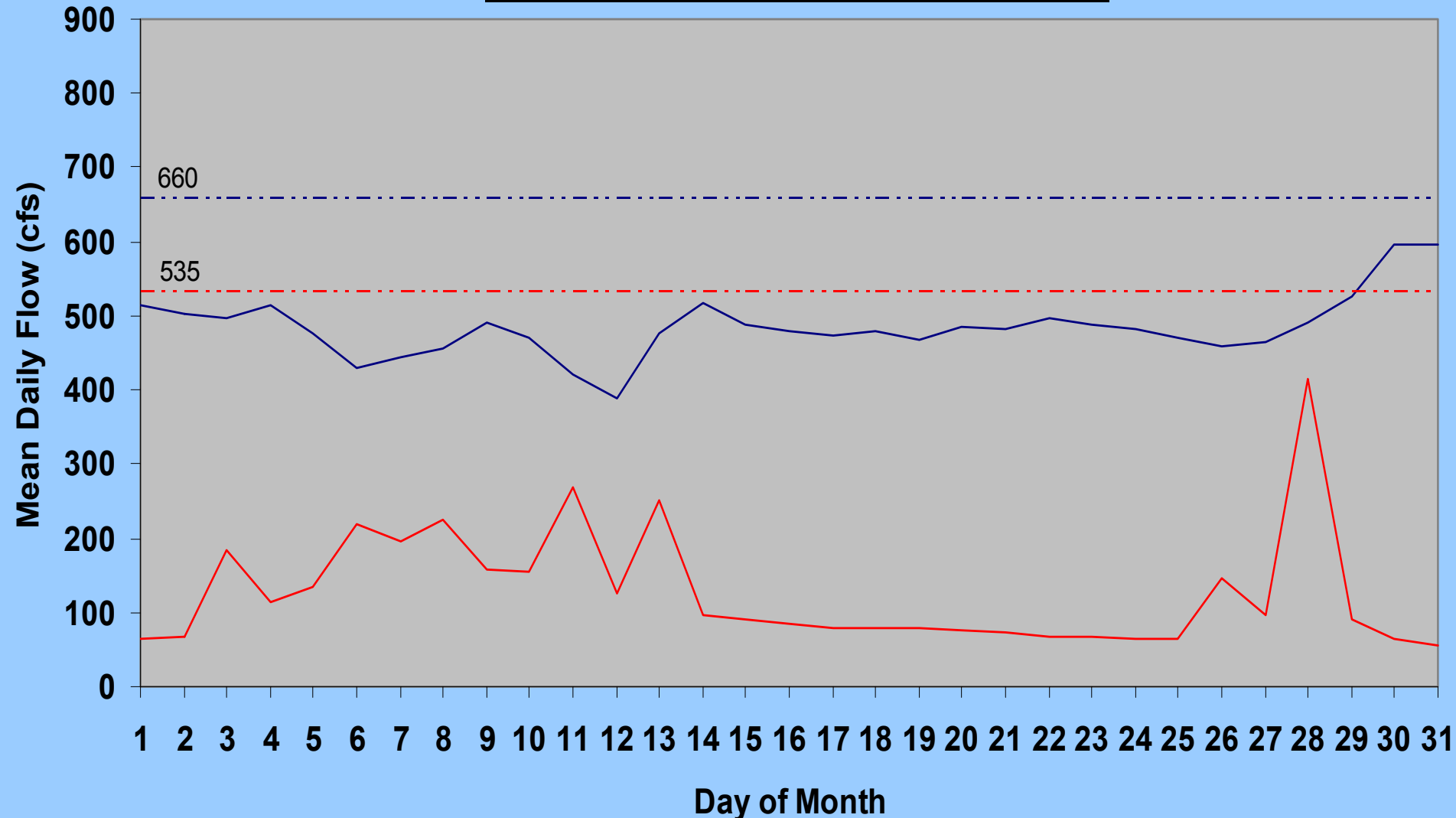
MONTH OF JANUARY 2005

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	15,850	17,326	64	1,476	9%	76%	79%	0
N STERLING	73,730	41,240	53,080	64	11,840	29%	72%	52%	0
PREWITT	28,500	19,487	25,890	64	6,403	33%	91%	36%	0
JACKSON	27,257	23,440	22,875	1	-565	-2%	84%	92%	0
EMPIRE	37,700	12,233	16,118	1	3,885	32%	43%	58%	0
RIVERSIDE	63,113	43,900	50,788	1	6,888	16%	80%	67%	0
BARR LAKE	31,652	21,745	22,379	2	634	3%	71%	67%	0
CHEESMAN	79,064	68,207	69,105	80	898	1%	87%	75%	0
ELEVEN MILE	97,779	98,391	98,528	23	137	0%	100%	73%	749
SPINNEY	53,651	18,620	21,132	23	2,512	13%	39%	54%	0
ANTERO	20,015	400	551	23	151	38%	3%	0%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	524
JULESBURG	242
THIS MONTH LAST YEAR	
KERSEY	485
JULESBURG	127
MEAN FOR PERIOD OF RECORD*	
KERSEY	658
JULESBURG	530
* 1901-2003	
1902-2003	

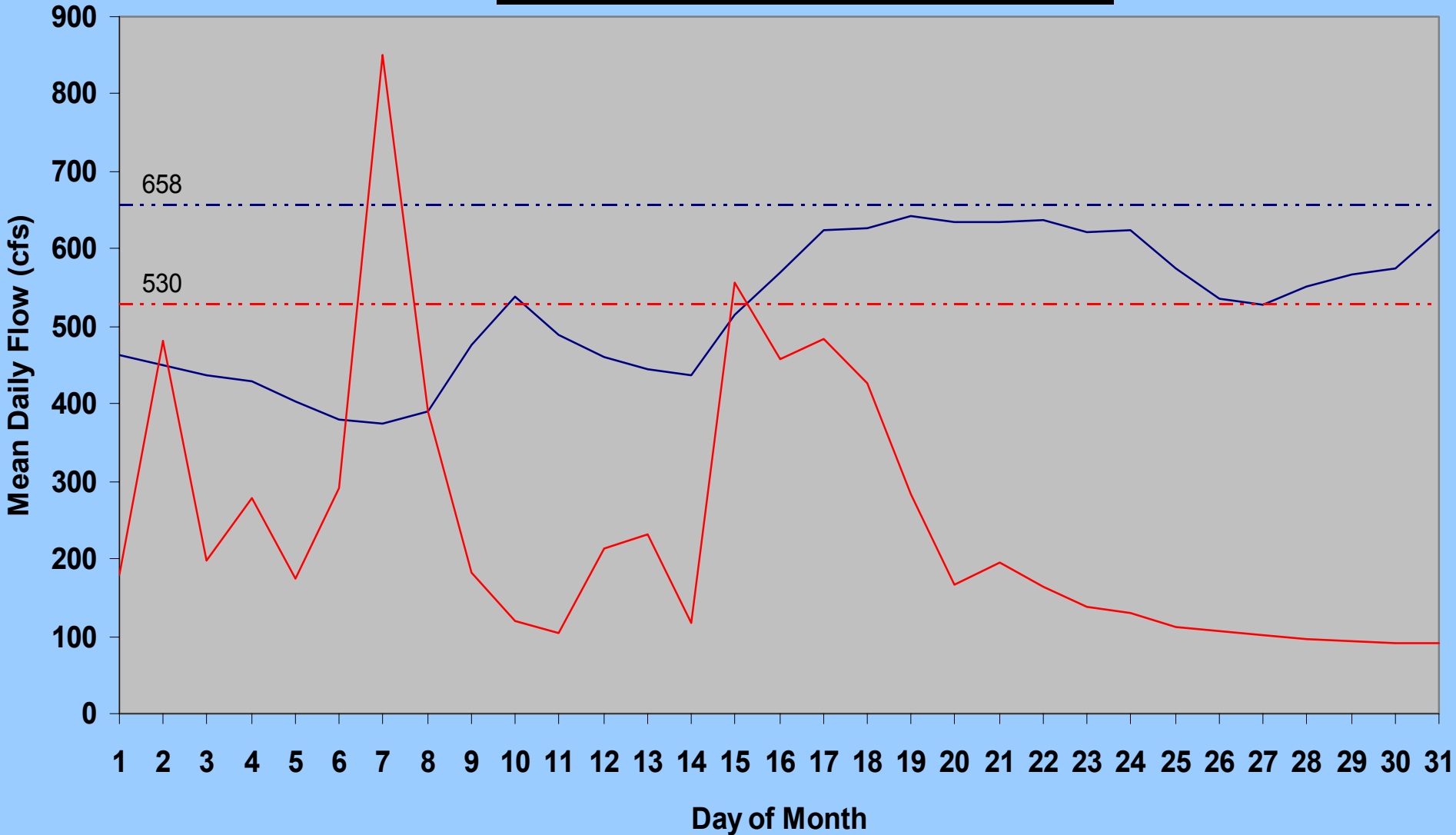


SOUTH PLATTE RIVER JANUARY 2004



— Kersey — Julesburg - - - Kersey 1901-2002 Avg. - - - Julesburg 1902-2002 Avg.

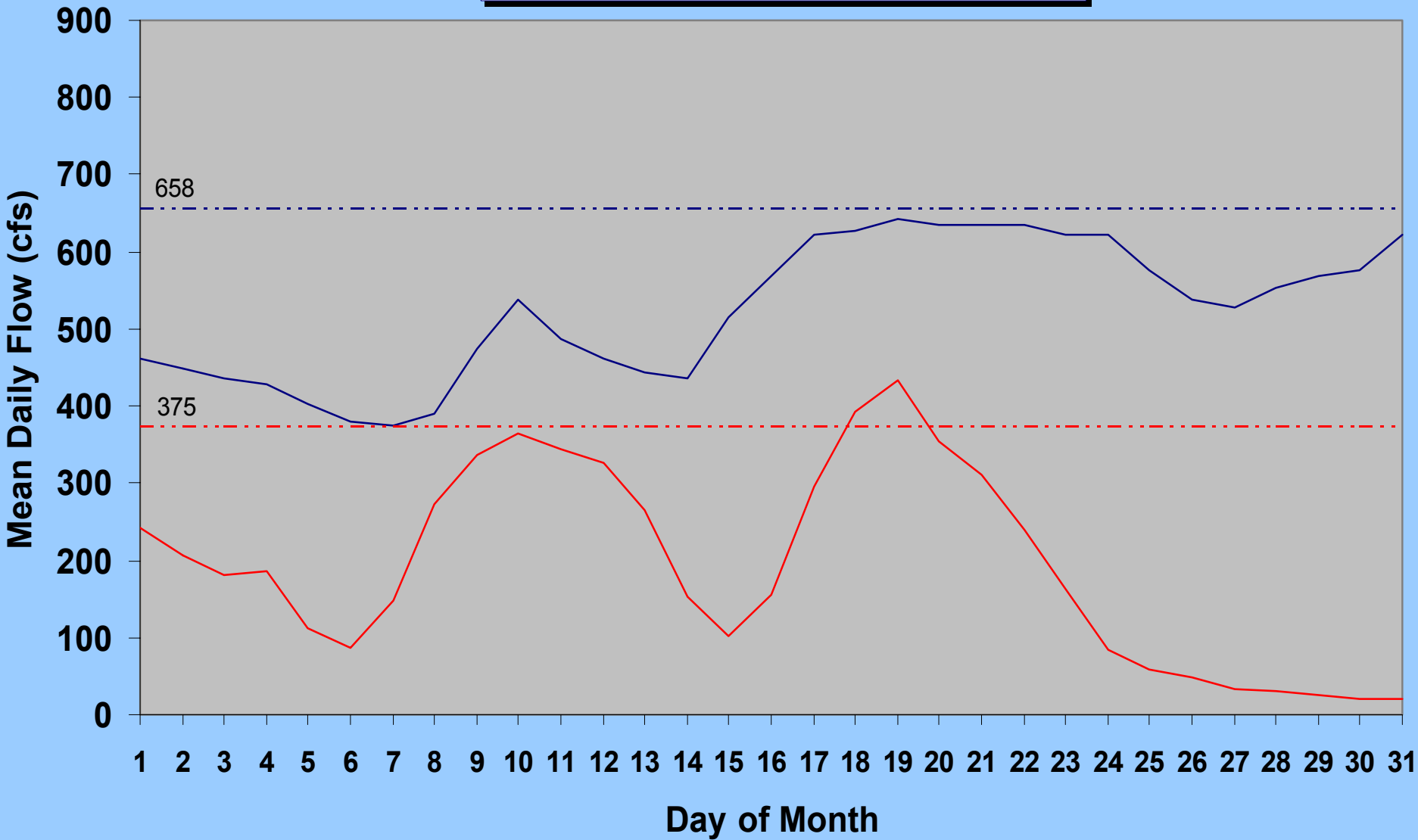
SOUTH PLATTE RIVER JANUARY 2005



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

KERSEY and BALZAC

JANUARY 2005



— Kersey — Balzac - - - Kersey 1901-2003 Avg. - - - Balzac 1917-2003 Avg.

South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey

South Platte River at Julesburg

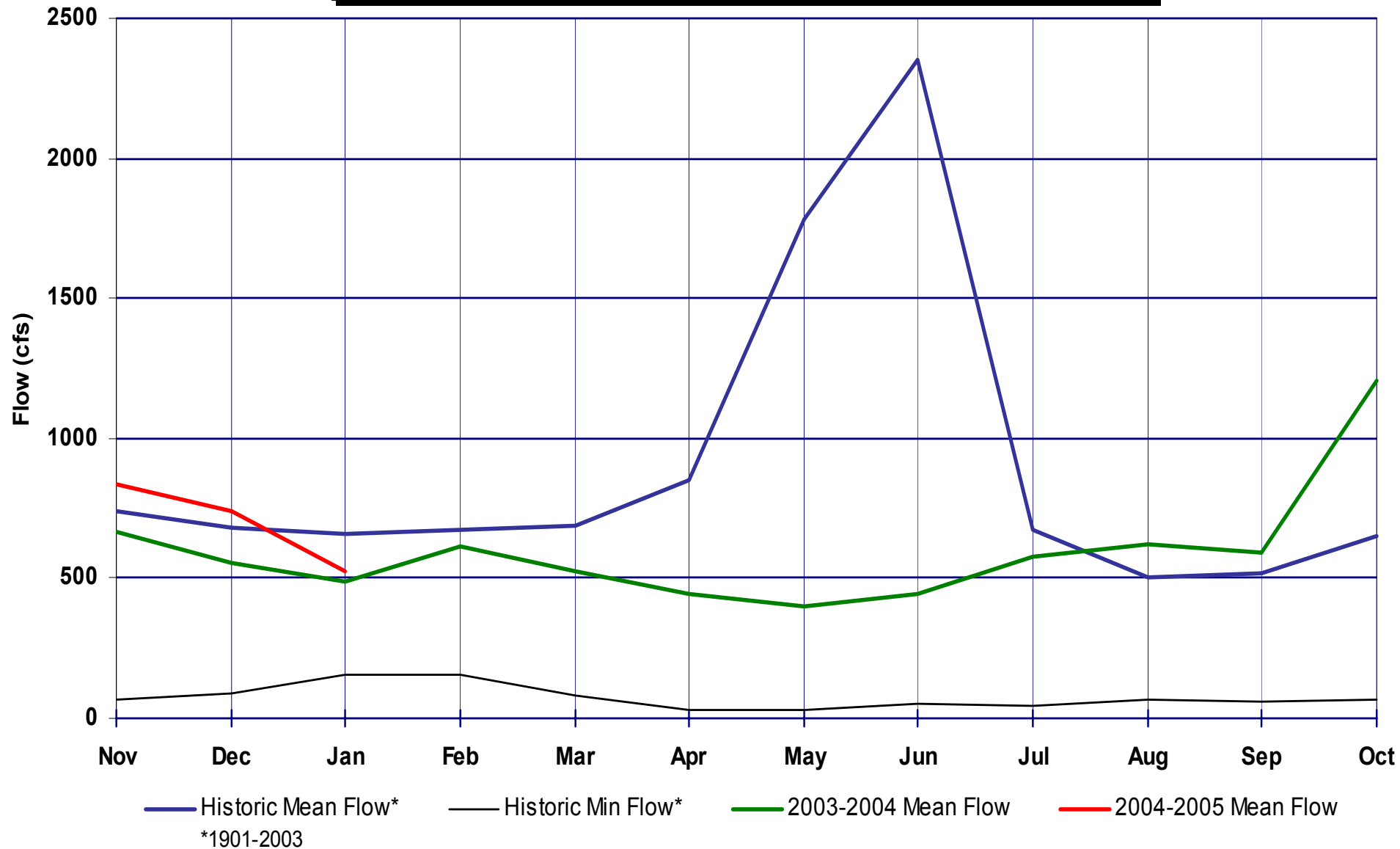
	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2005 Mean Monthly Flow	Estimated Mean? (Y/N)		Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2005 Mean Monthly Flow	Estimated Mean? (Y/N)
Nov	736	3650	1985	70	1935	839	N	Nov	350	2900	1985	4.2	1904	28	N
Dec	684	1890	1962	91	1935	738	N	Dec	411	1820	1985	13	2003	84	N
Jan	658	2160	1974	158	1935	524	N	Jan	530	2510	1970	21	2003	242	N
Feb	674	3060	1914	152	1935			Feb	609	3220	1930	39	2003		
Mar	688	3470	1983	80	1935			Mar	550	12900	1910	15	1904		
Apr	853	18100	1942	28	1955			Apr	545	14400	1942	4	1904		
May	1780	26100	1973	29	1955			May	1054	18100	1973	12	1911		
Jun	2355	31000	1921	52	1954			Jun	1474	30800	1921	2	1910		
Jul	671	12600	1983	44	1955			Jul	303	12600	1983	0	1903		
Aug	505	9690	1951	65	1934			Aug	186	8920	1968	0	1903		
Sep	516	14200	1938	62	1940			Sep	247	7130	1938	2	1902		
Oct	648	6180	1985	66	1955			Oct	311	3130	1985	4.2	1904		

*Period of record 1901-2003

*Period of record 1902-2003

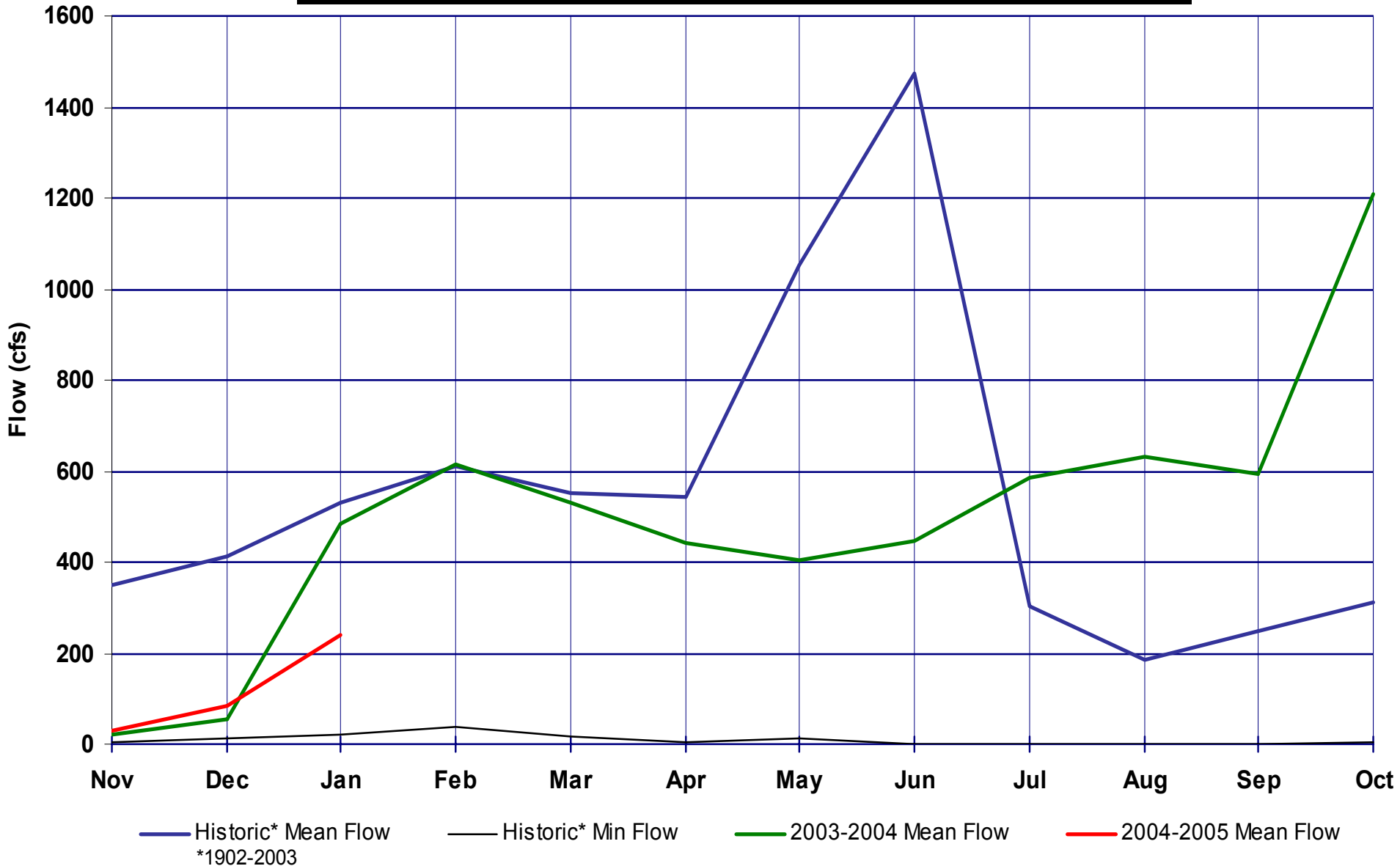
South Platte River at Kersey

Irrigation Water Year



South Platte River at Julesburg

Irrigation Water Year

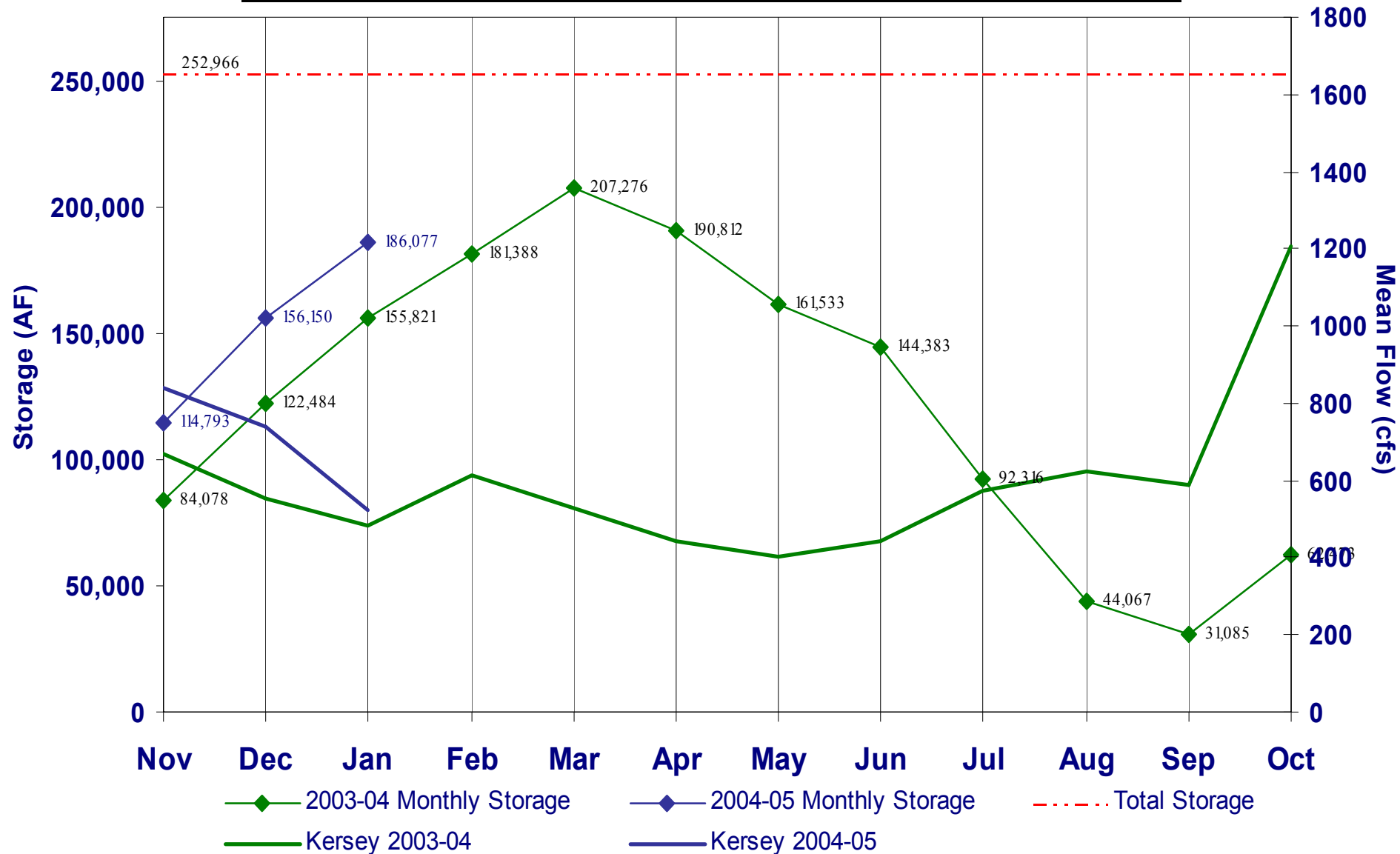


**Next four slides show Reservoir Storage
below and above Kersey**



Reservoir Storage below Kersey

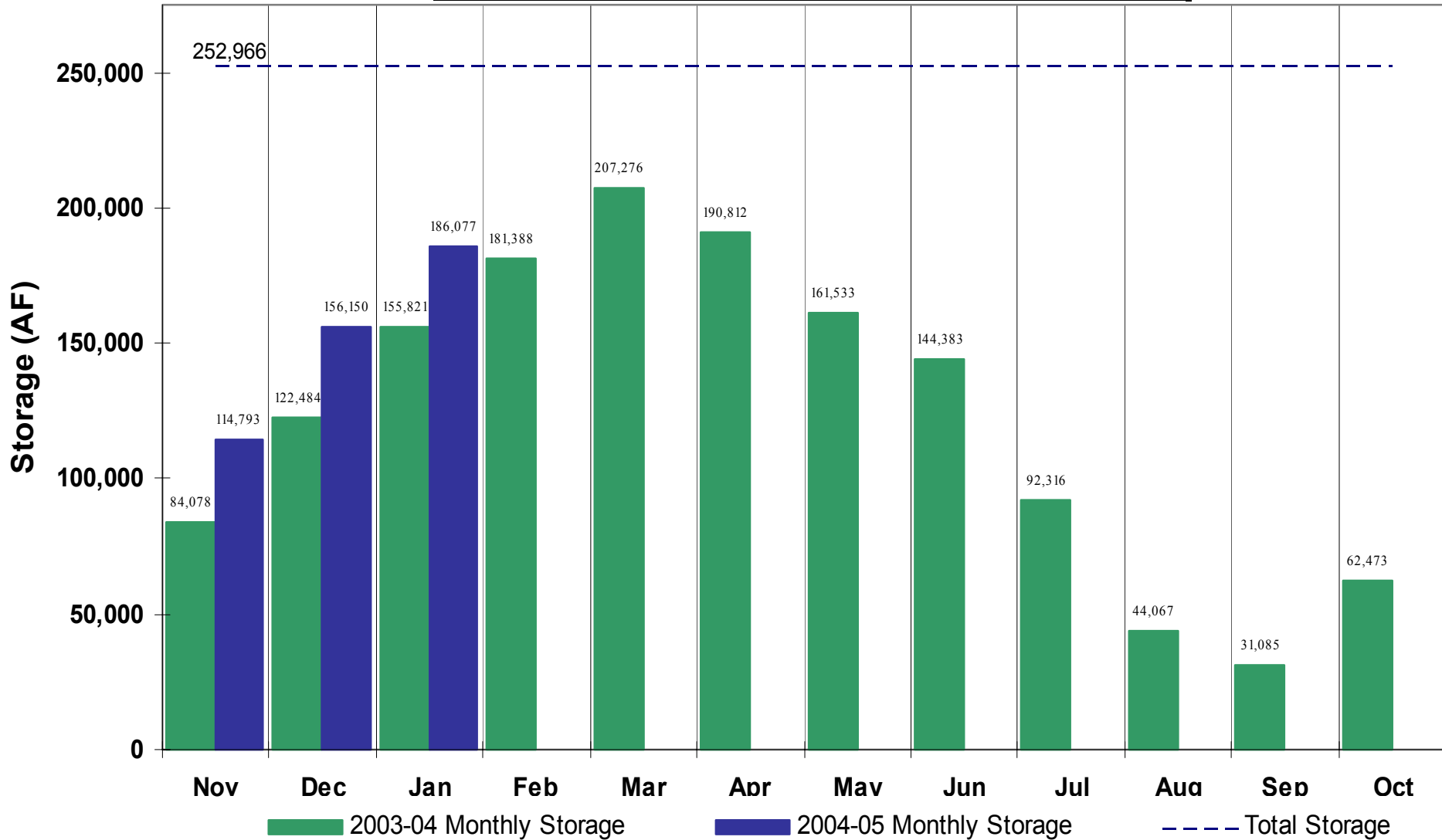
Selected Reservoirs*



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

South Platte Reservoirs

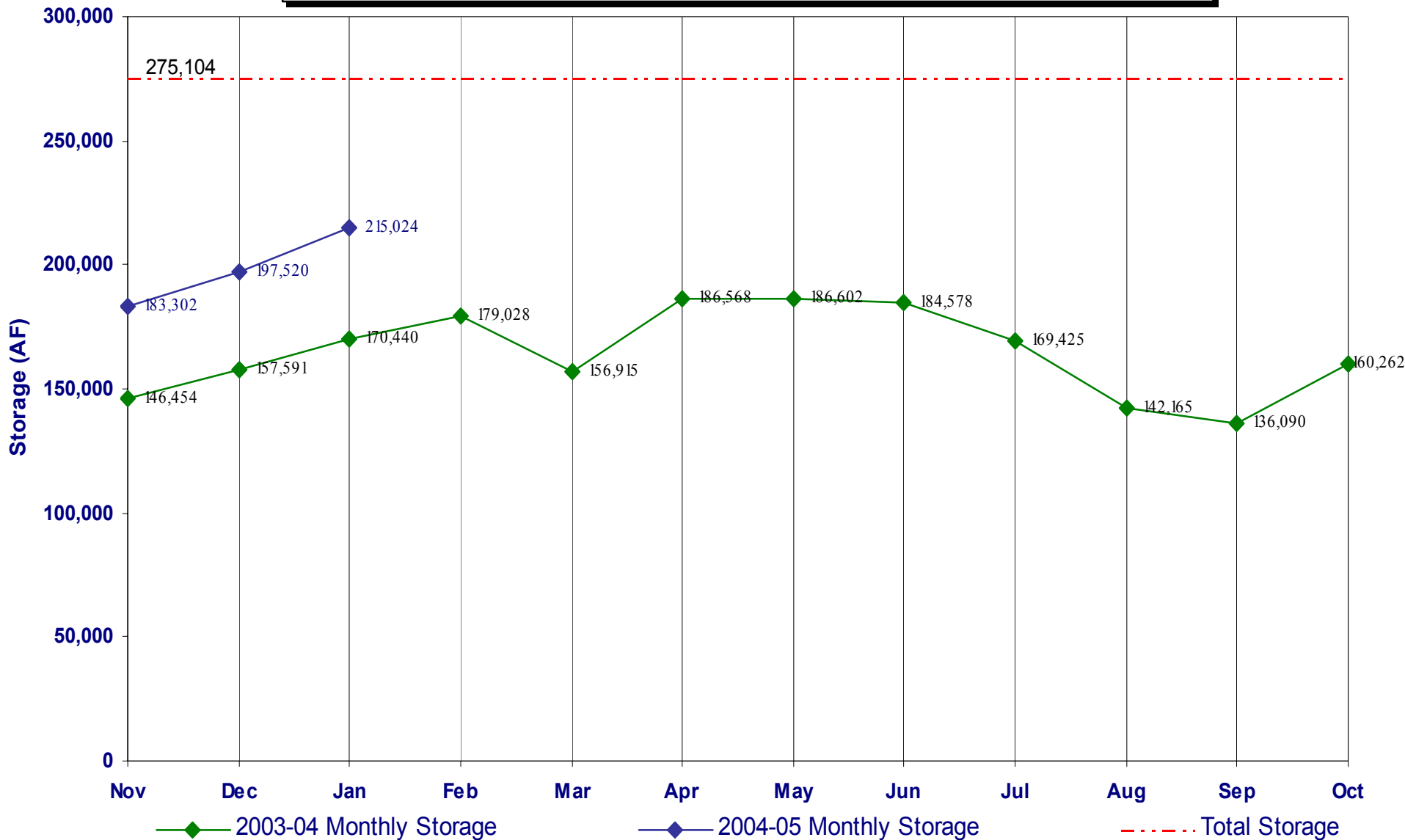
Storage below Kersey*



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

Reservoir Storage above Kersey

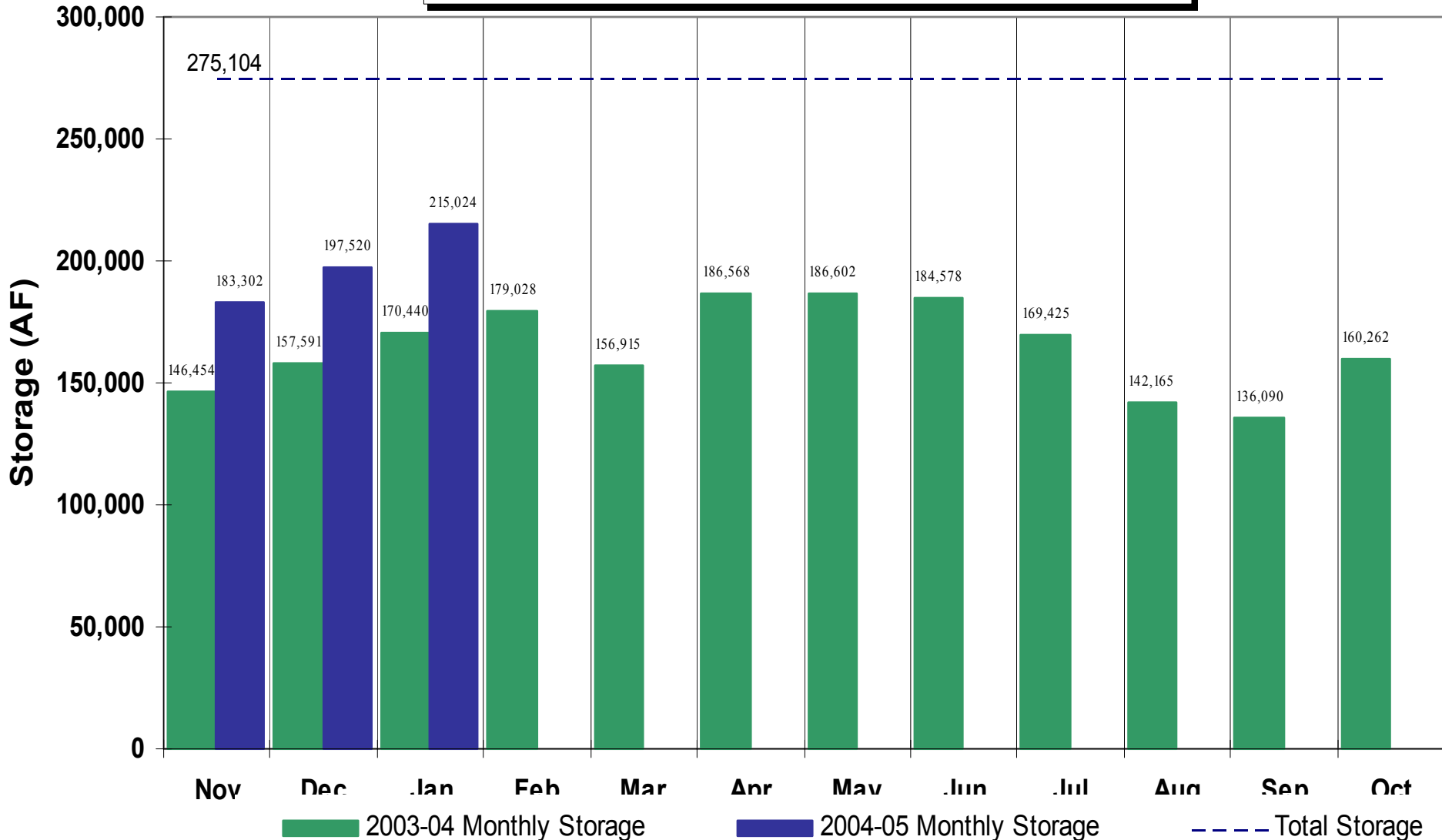
Selected Reservoirs*



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

South Platte Reservoirs

Storage above Kersey*



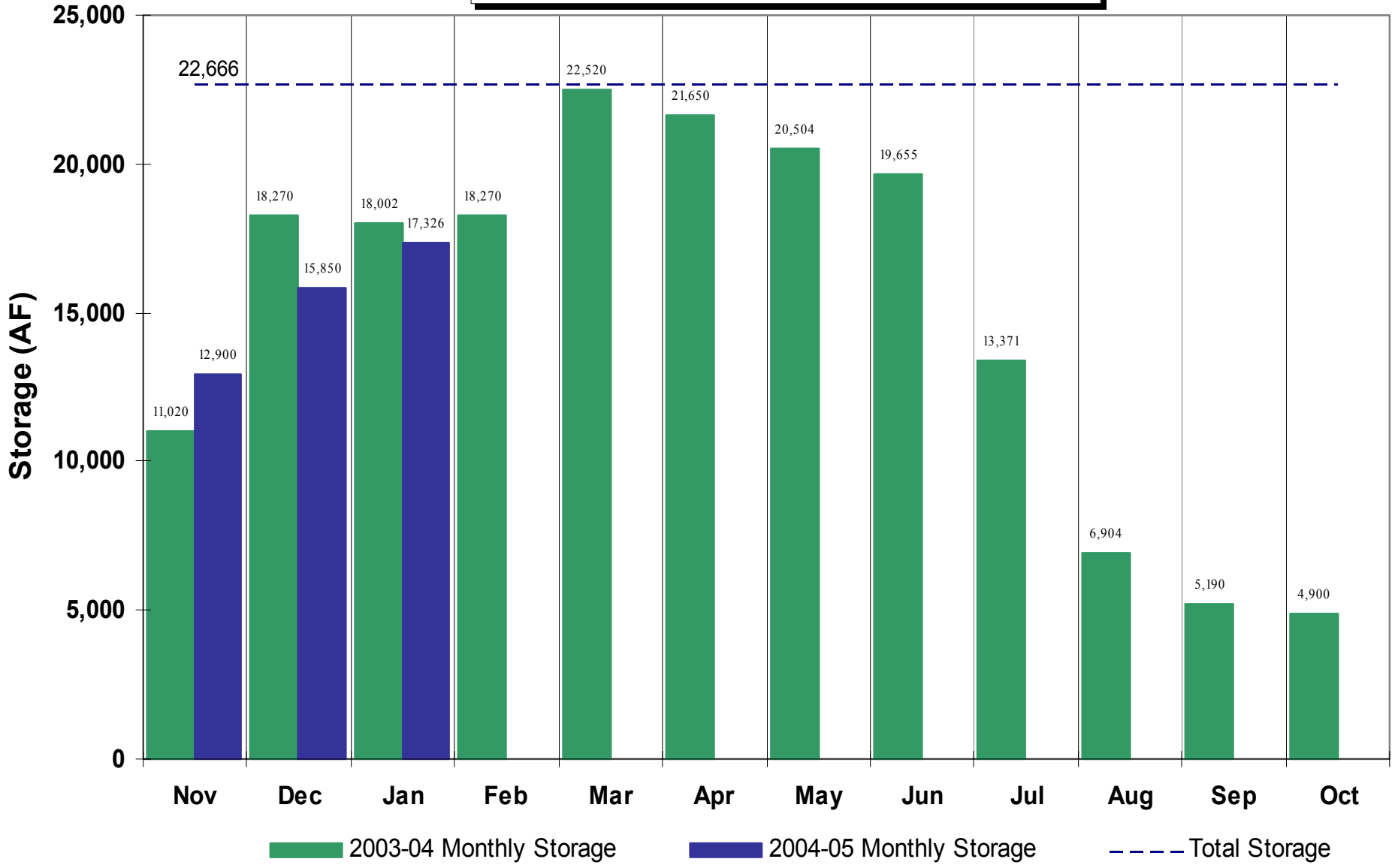
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

Individual Reservoir Storage Follows:



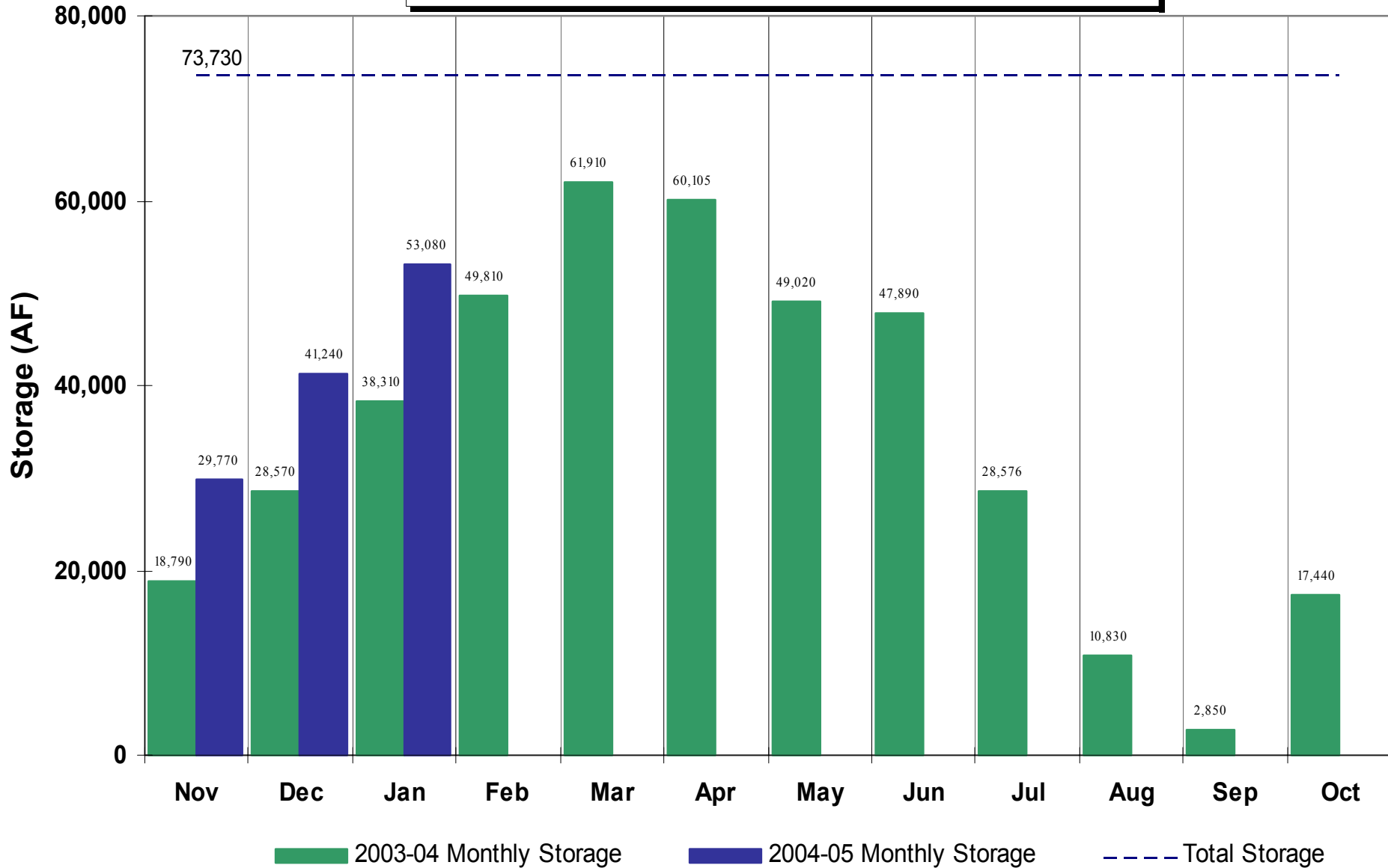
Julesburg Reservoir

(Agricultural)



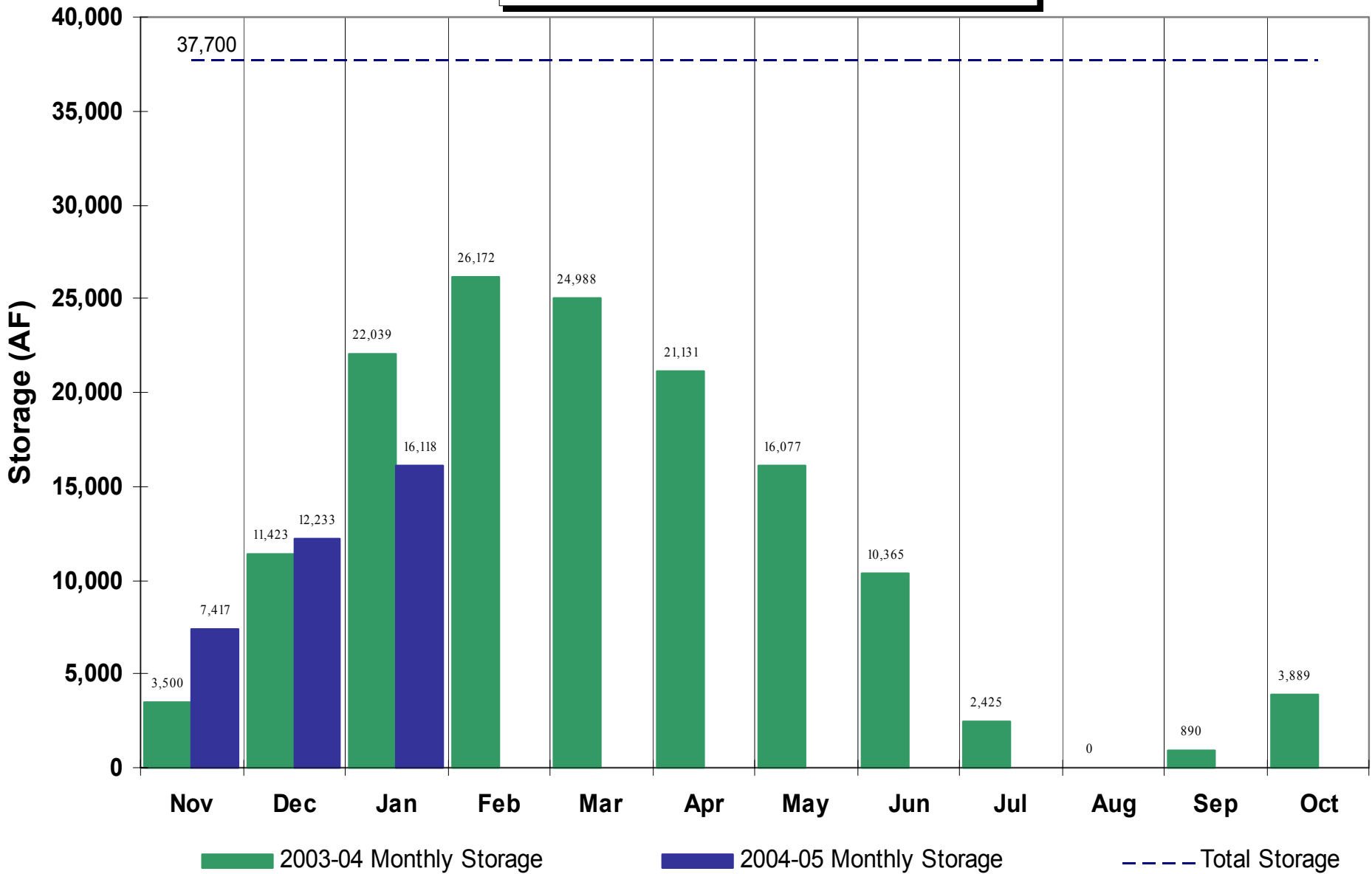
North Sterling Reservoir

(Agricultural)



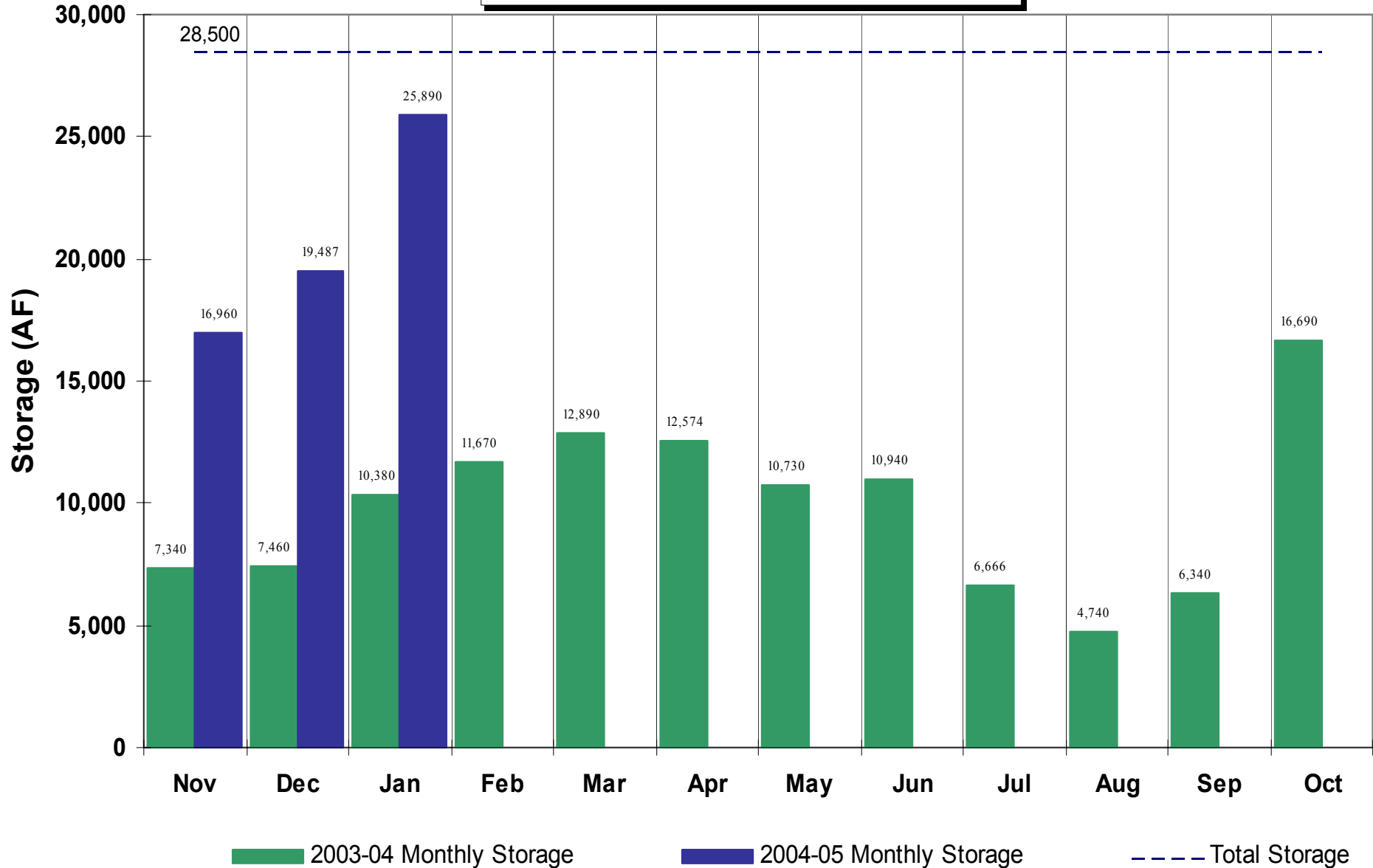
Empire Reservoir

(Agricultural)



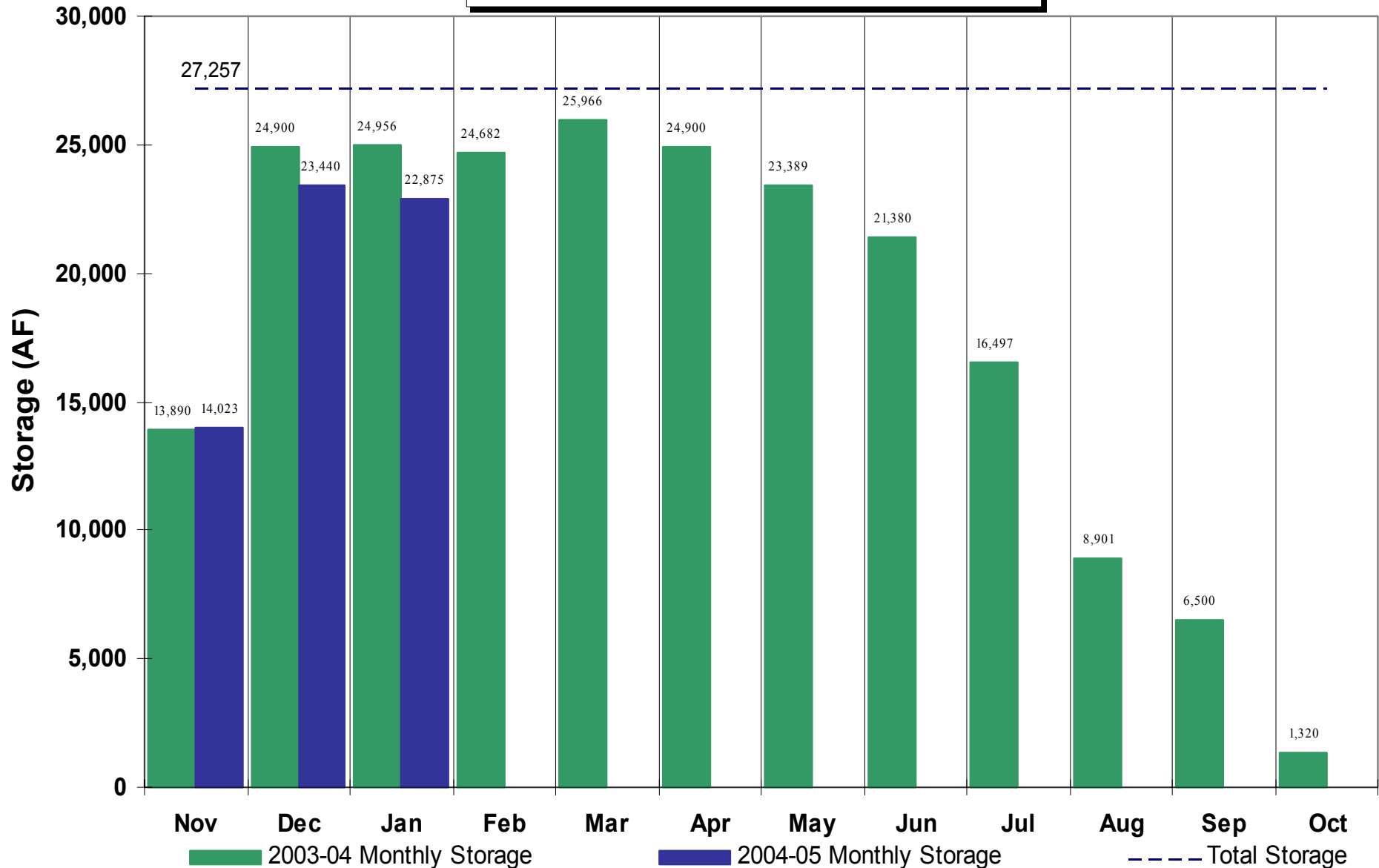
Prewitt Reservoir

(Agricultural)



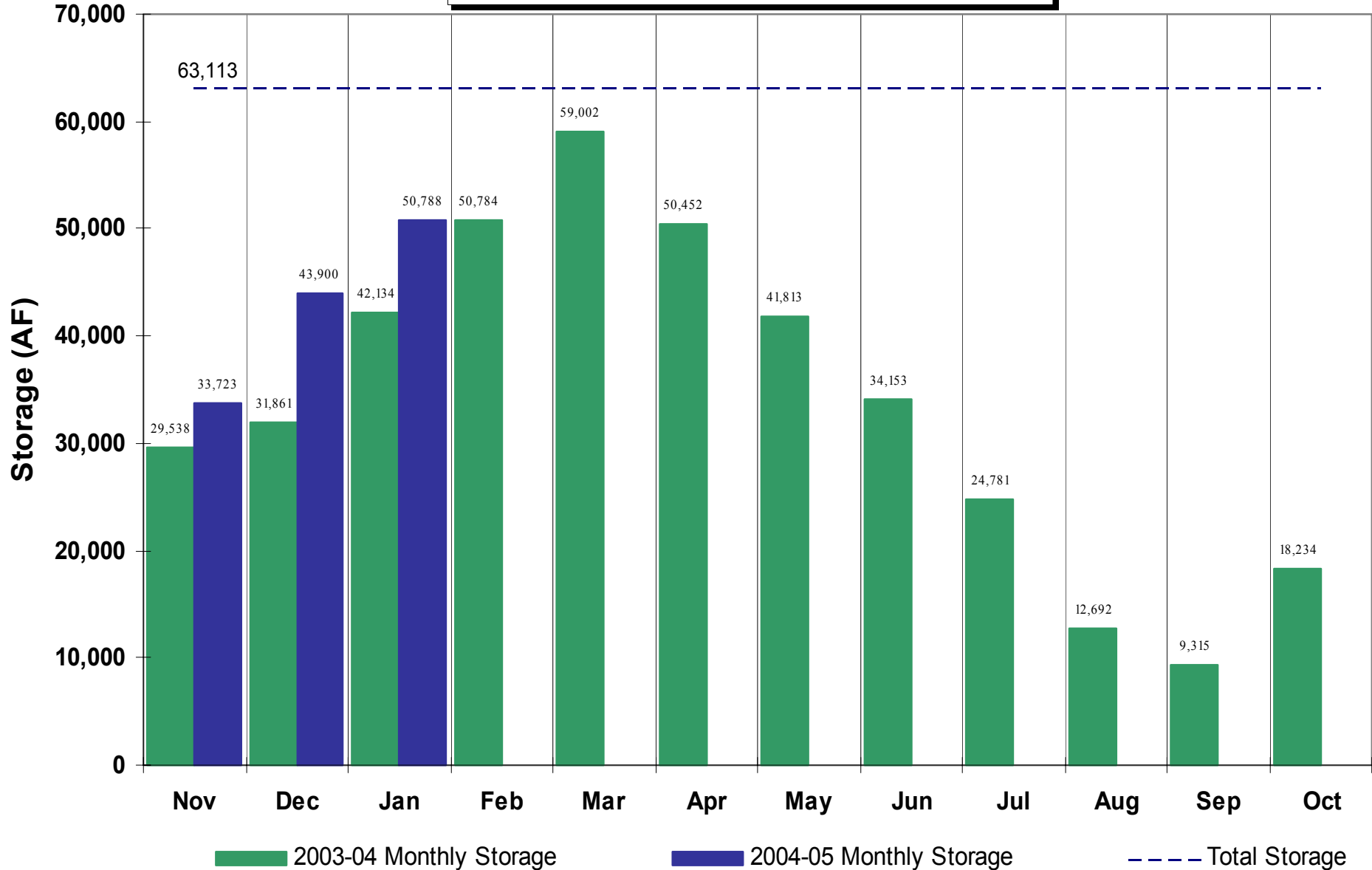
Jackson Reservoir

(Agricultural)



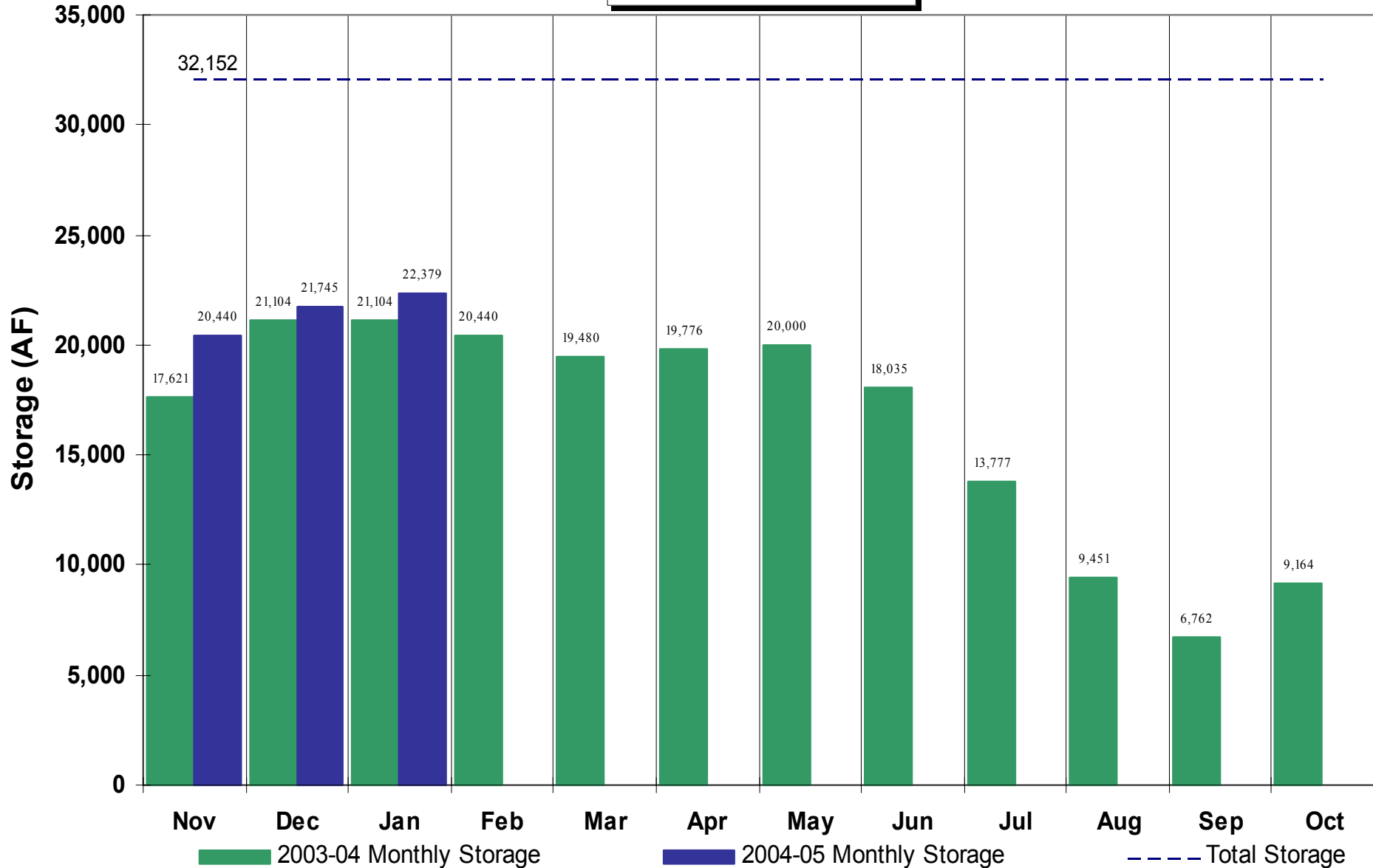
Riverside Reservoir

(Agricultural)



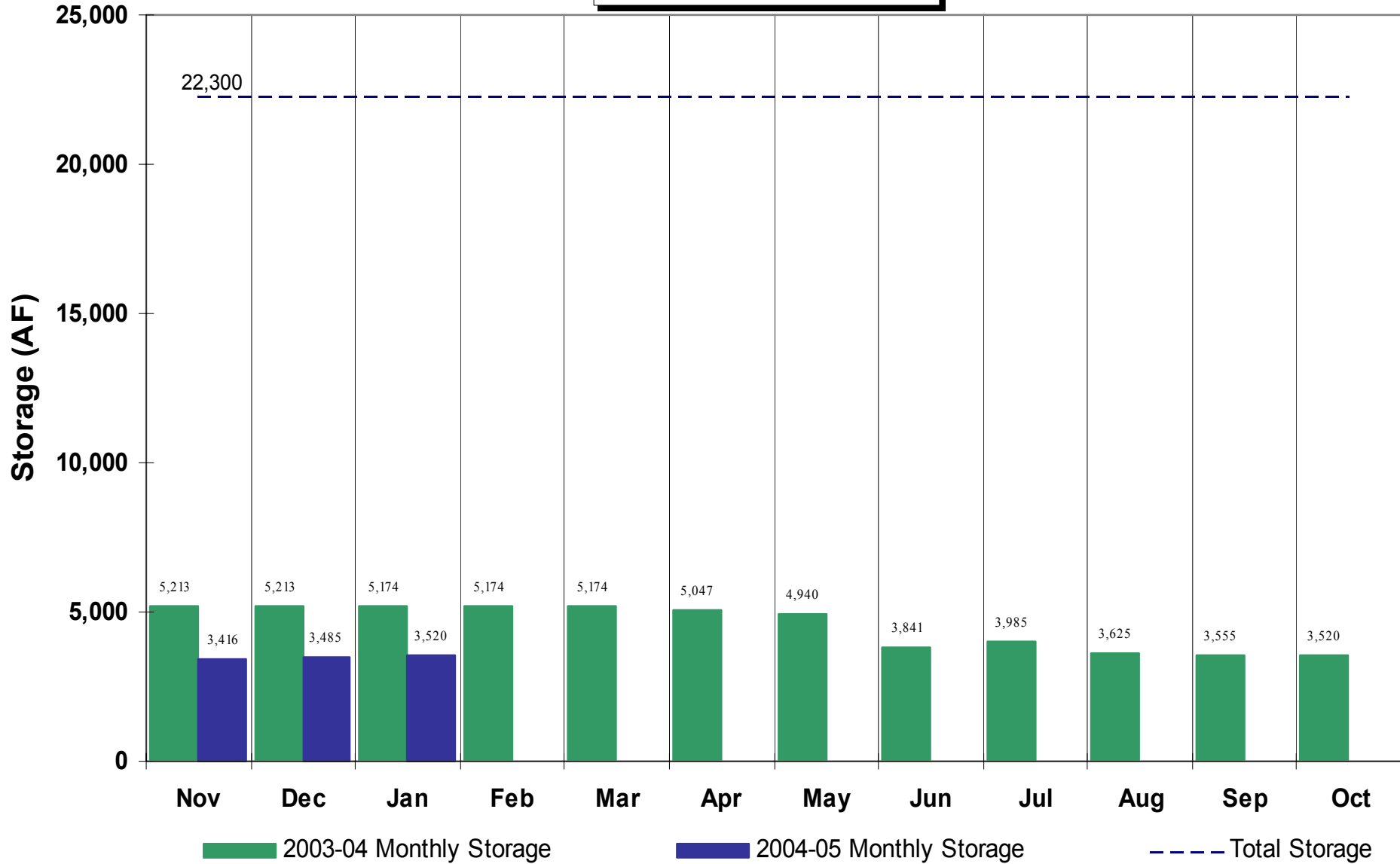
Barr Lake

(Agricultural)



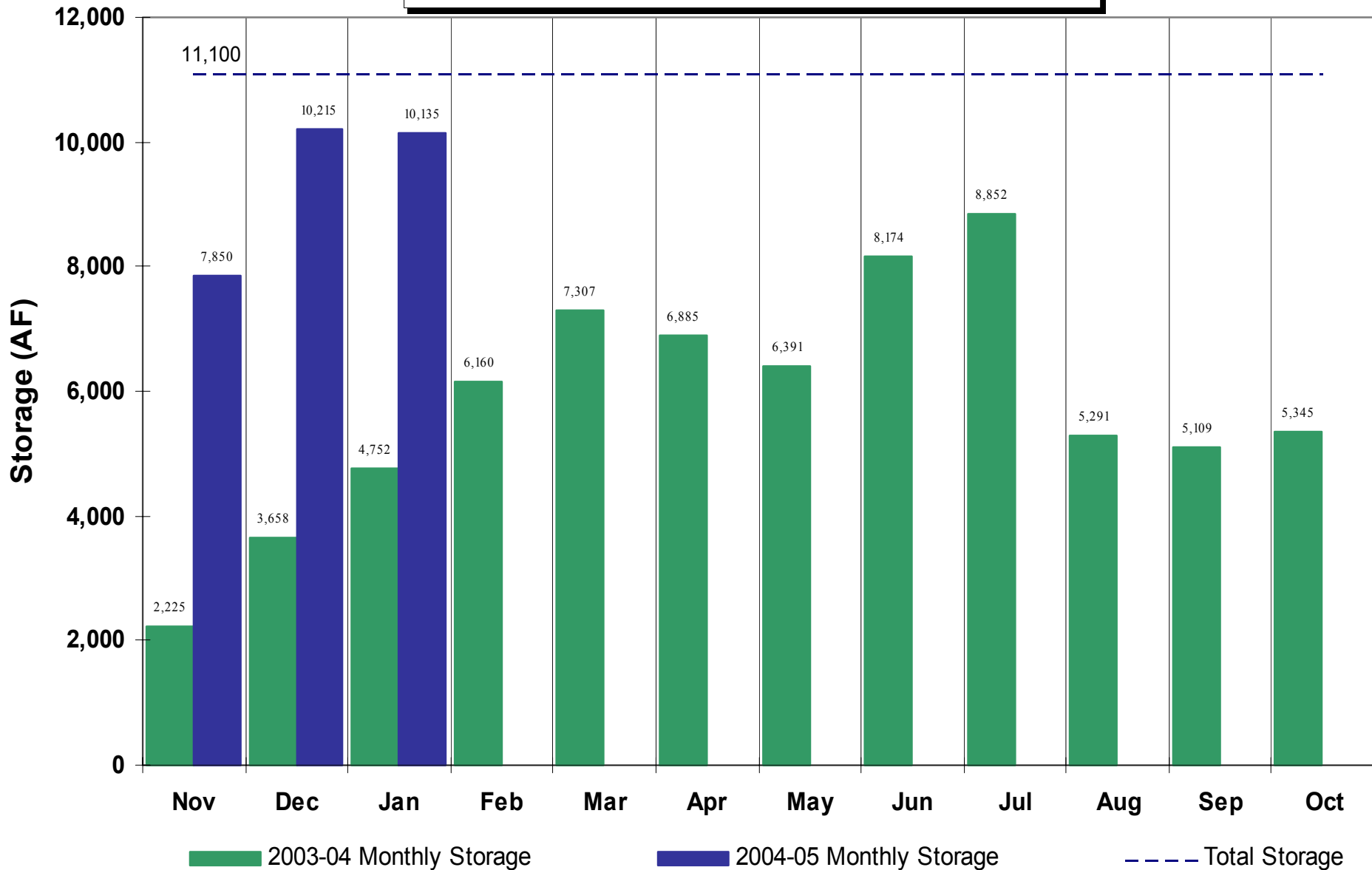
Cobb Lake

(Agricultural)



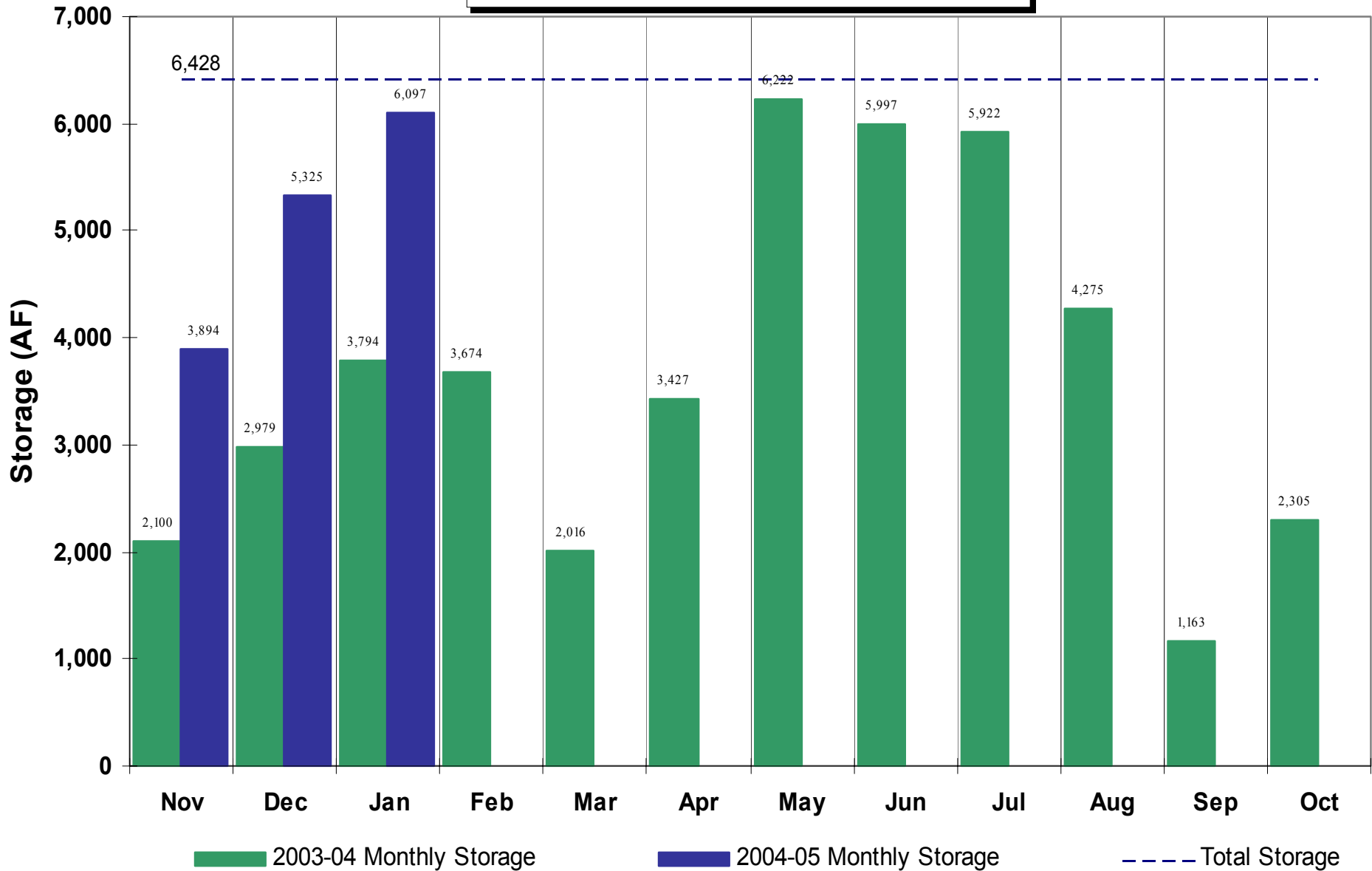
Fossil Creek Reservoir

(Agricultural)



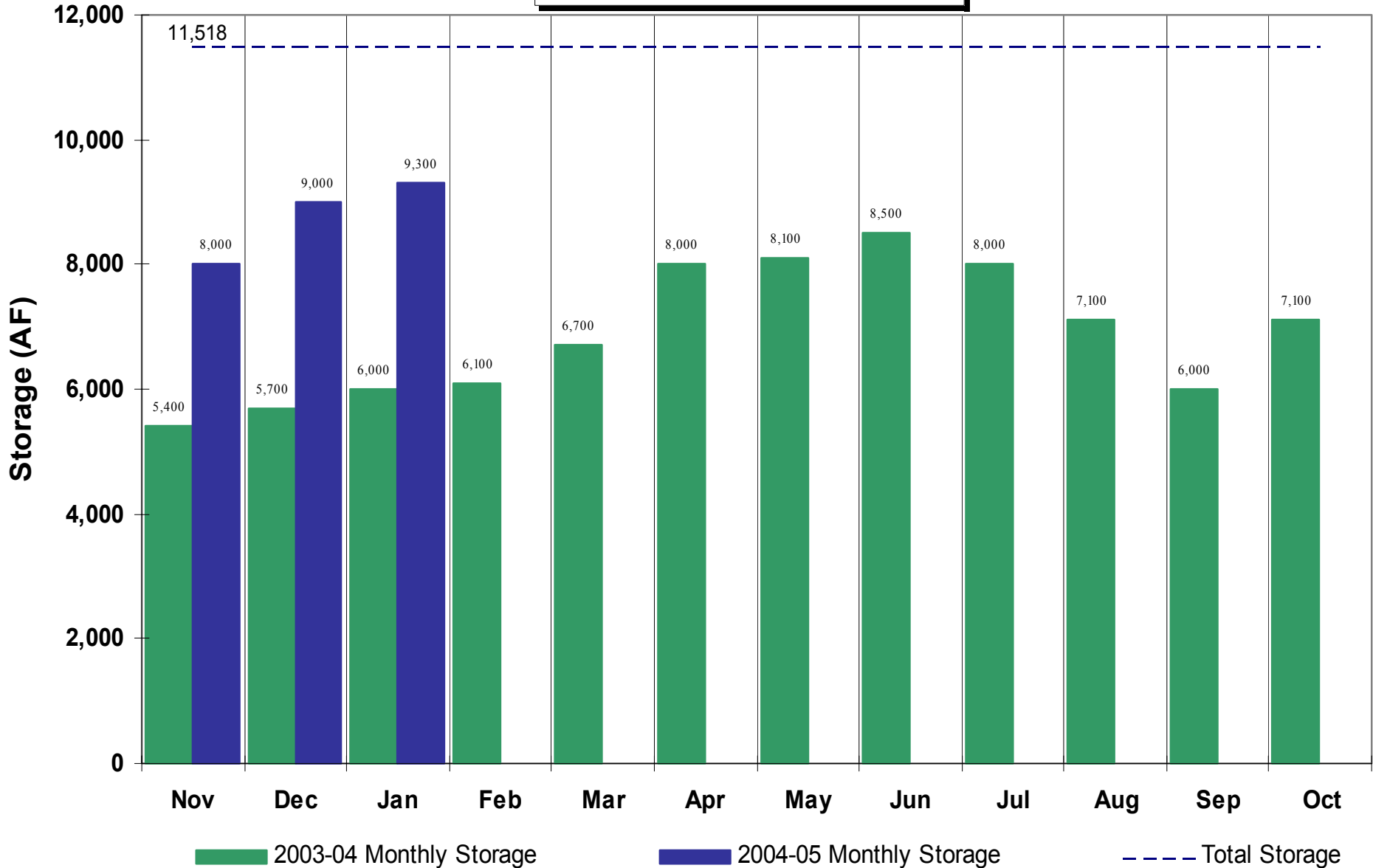
Halligan Reservoir

(Agricultural)



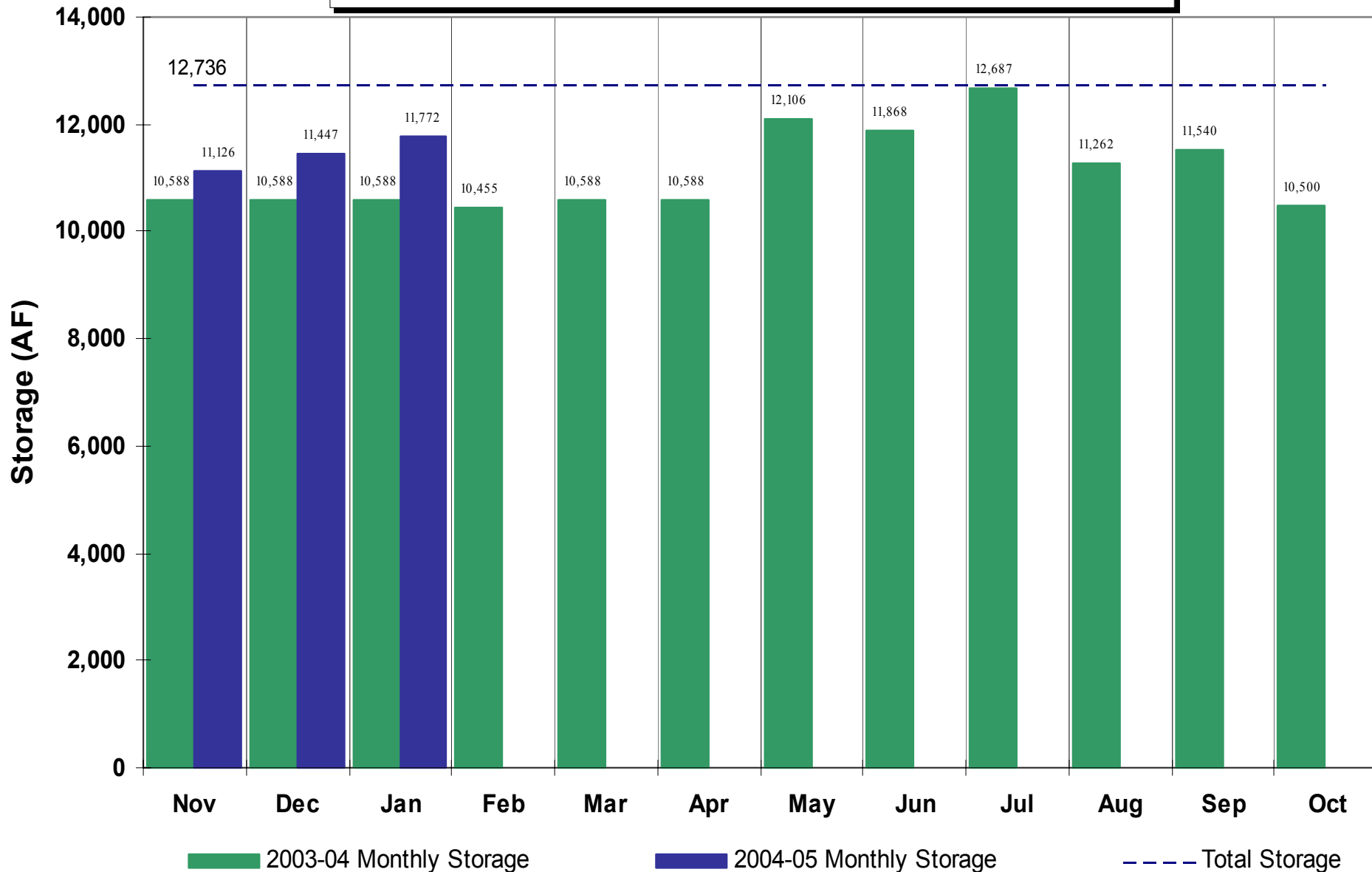
Marshall Lake

(Agricultural)



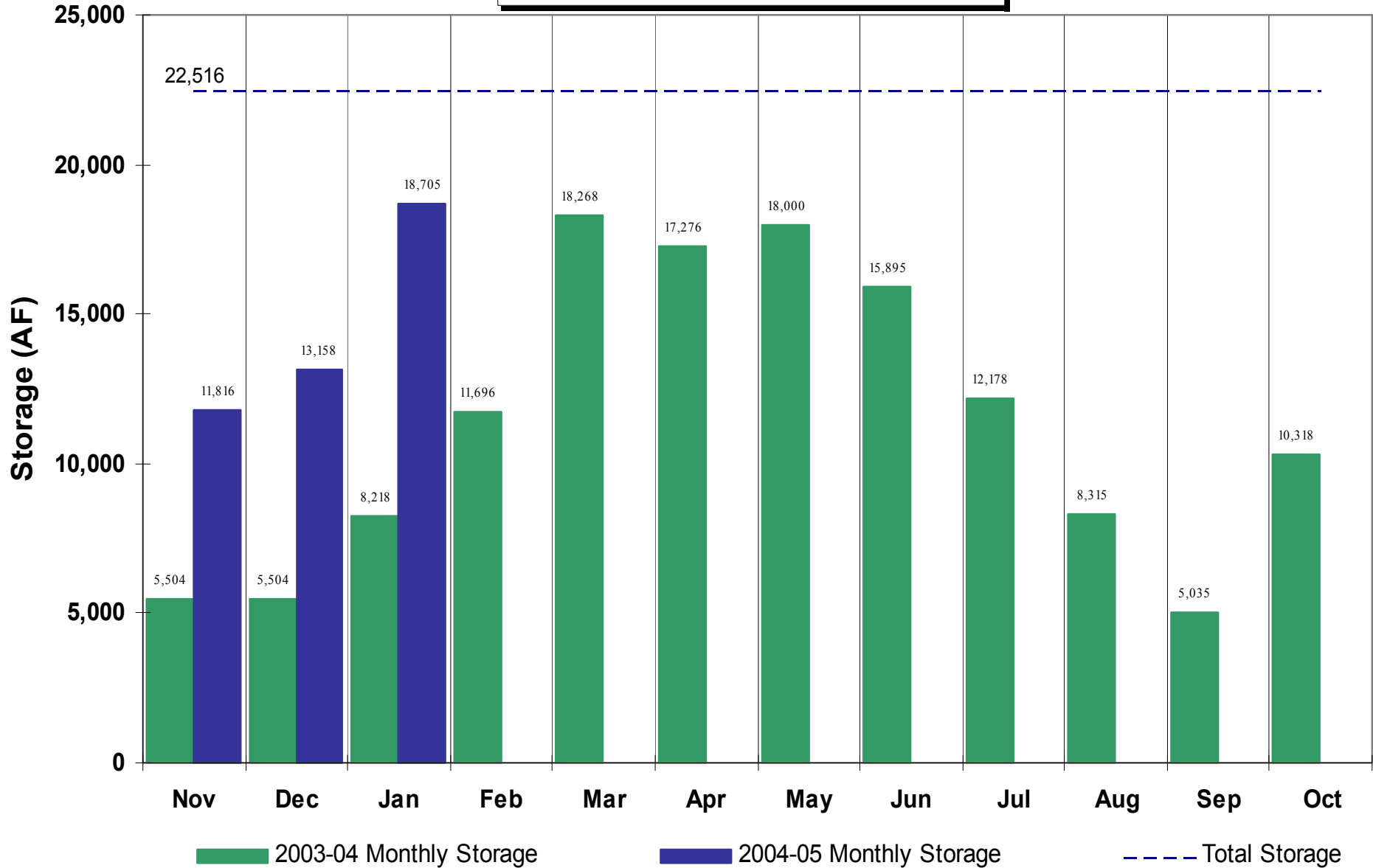
Loveland Greeley Reservoir

(Agricultural)



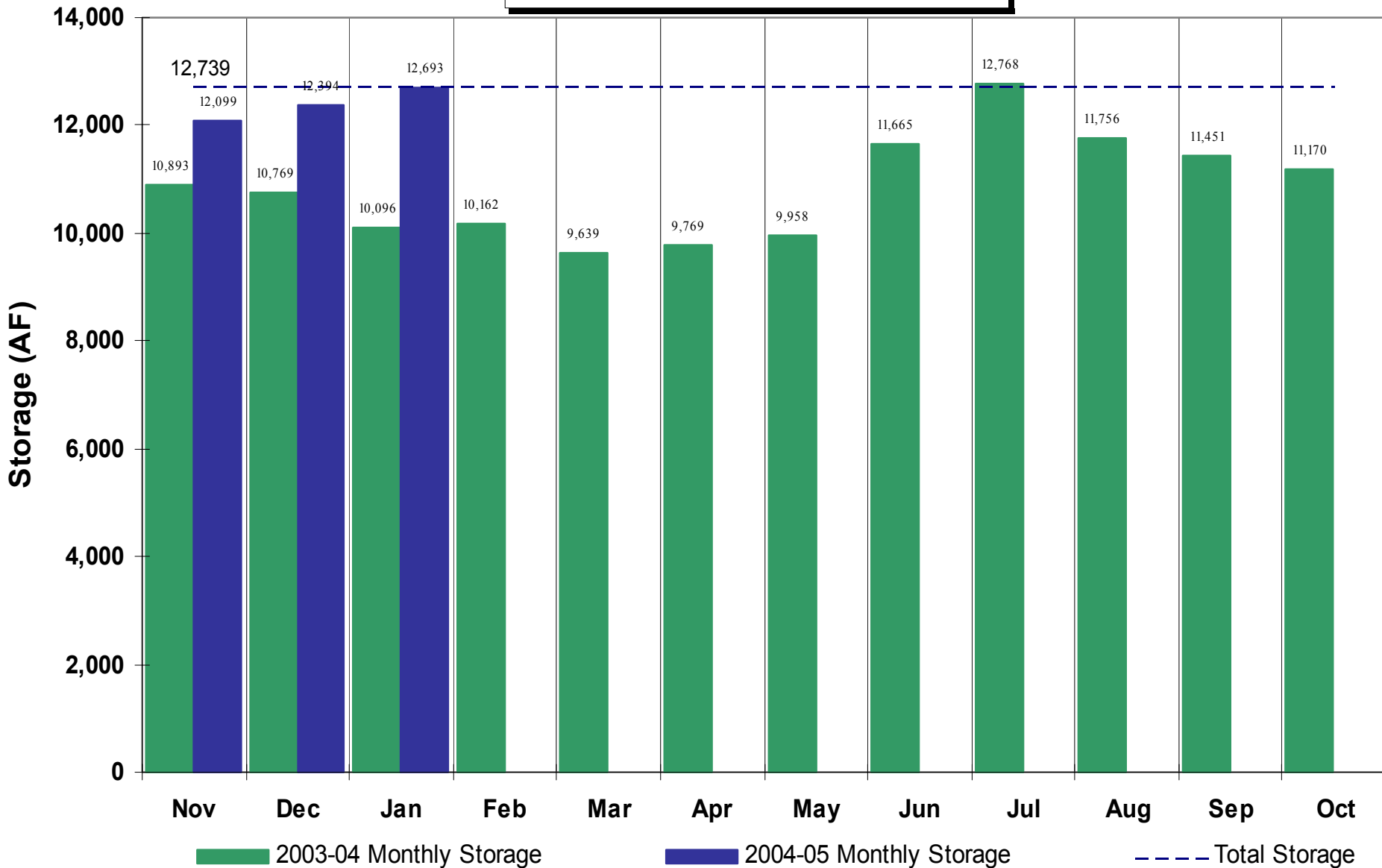
Milton Reservoir

(Agricultural)



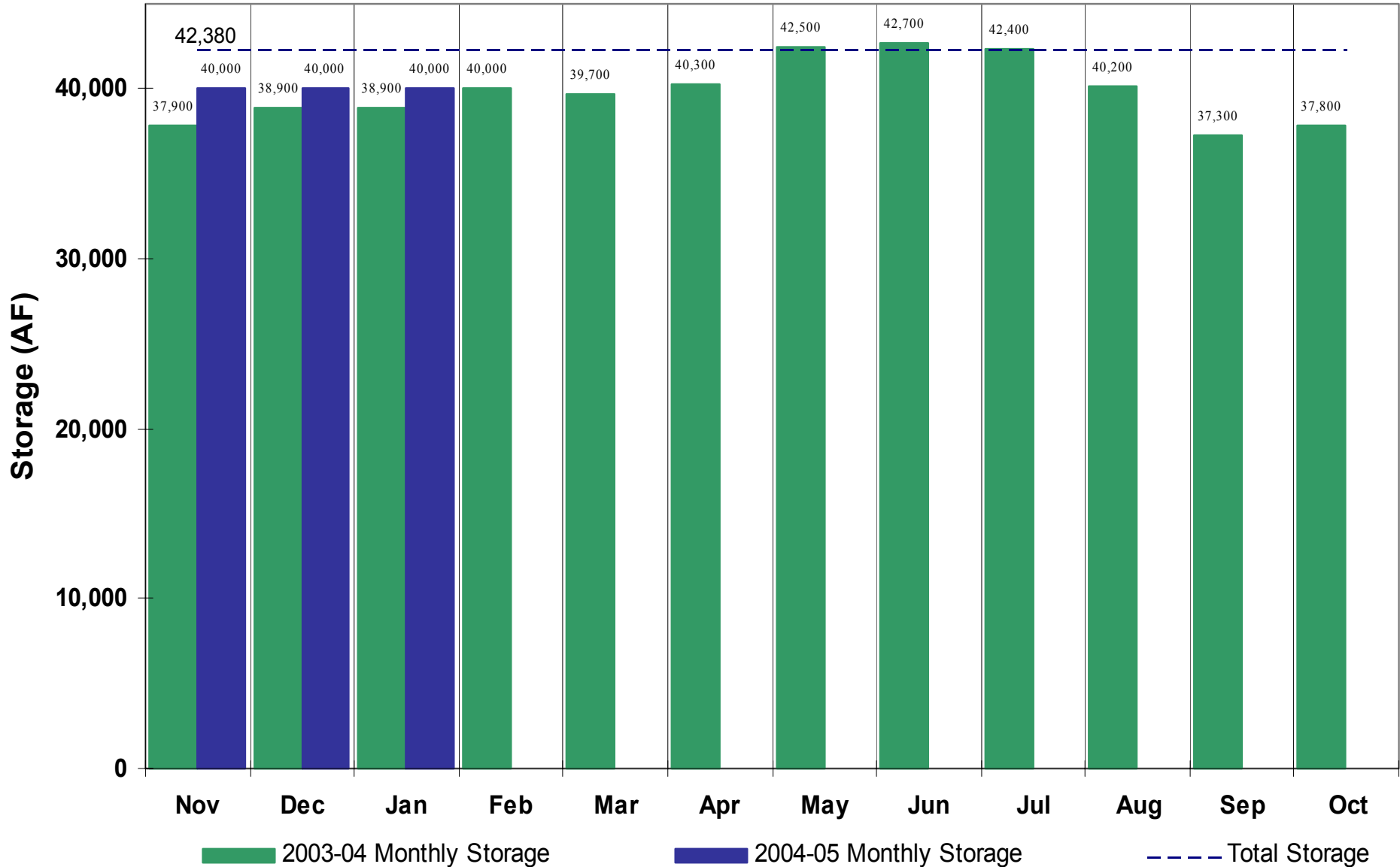
Union Reservoir

(Agricultural)



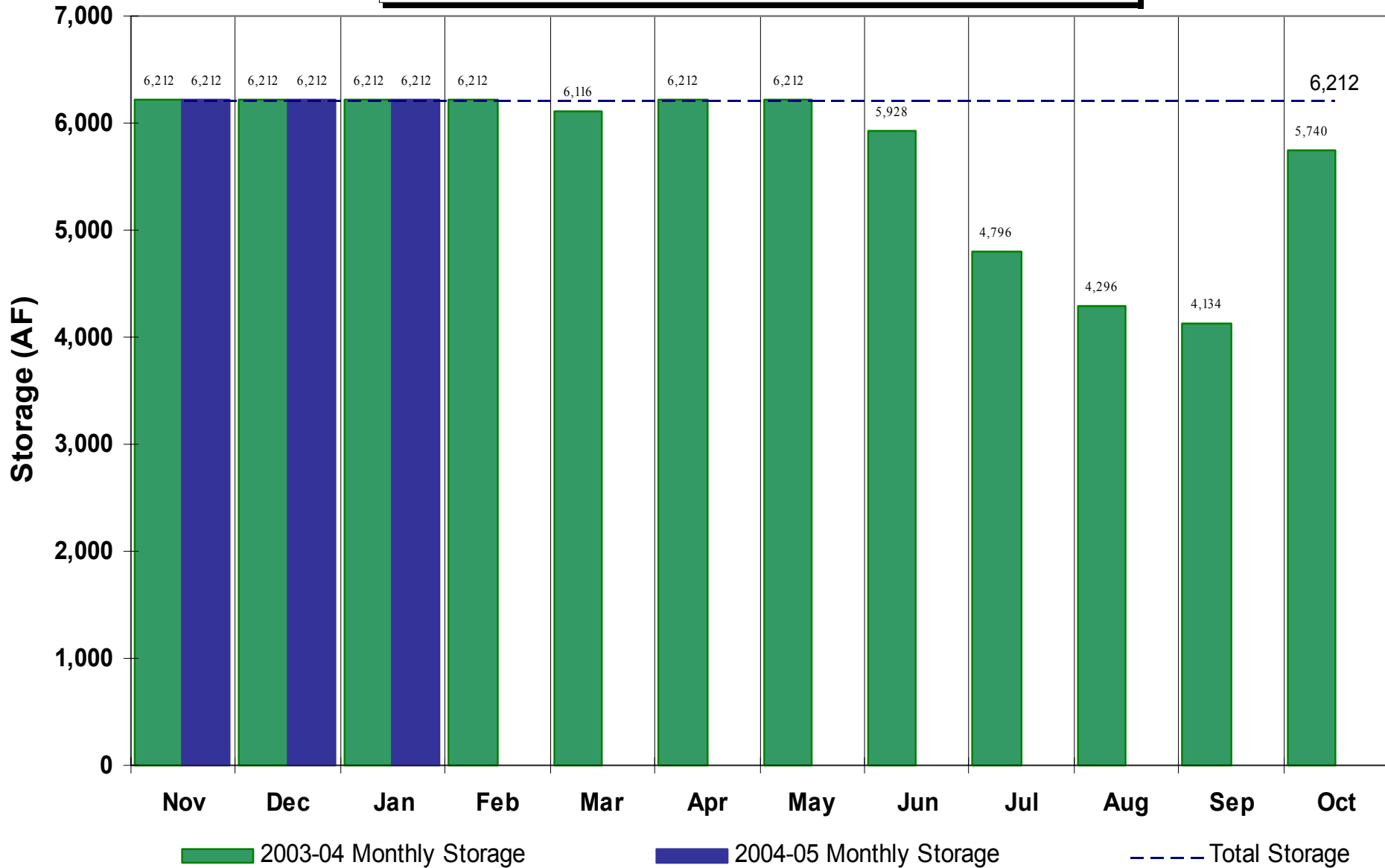
Standley Lake

(Agricultural)

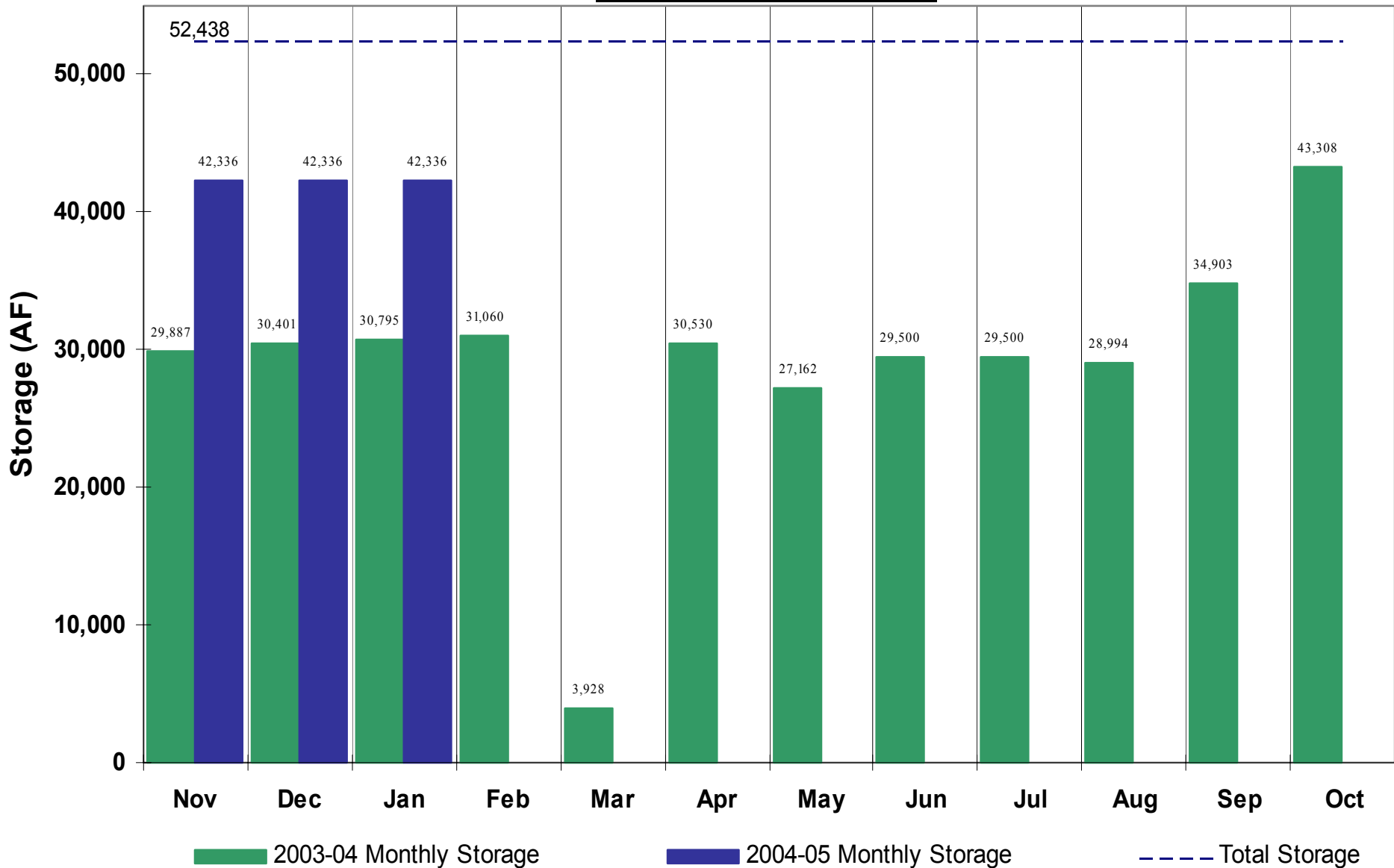


Lower Latham Reservoir

(Agricultural)

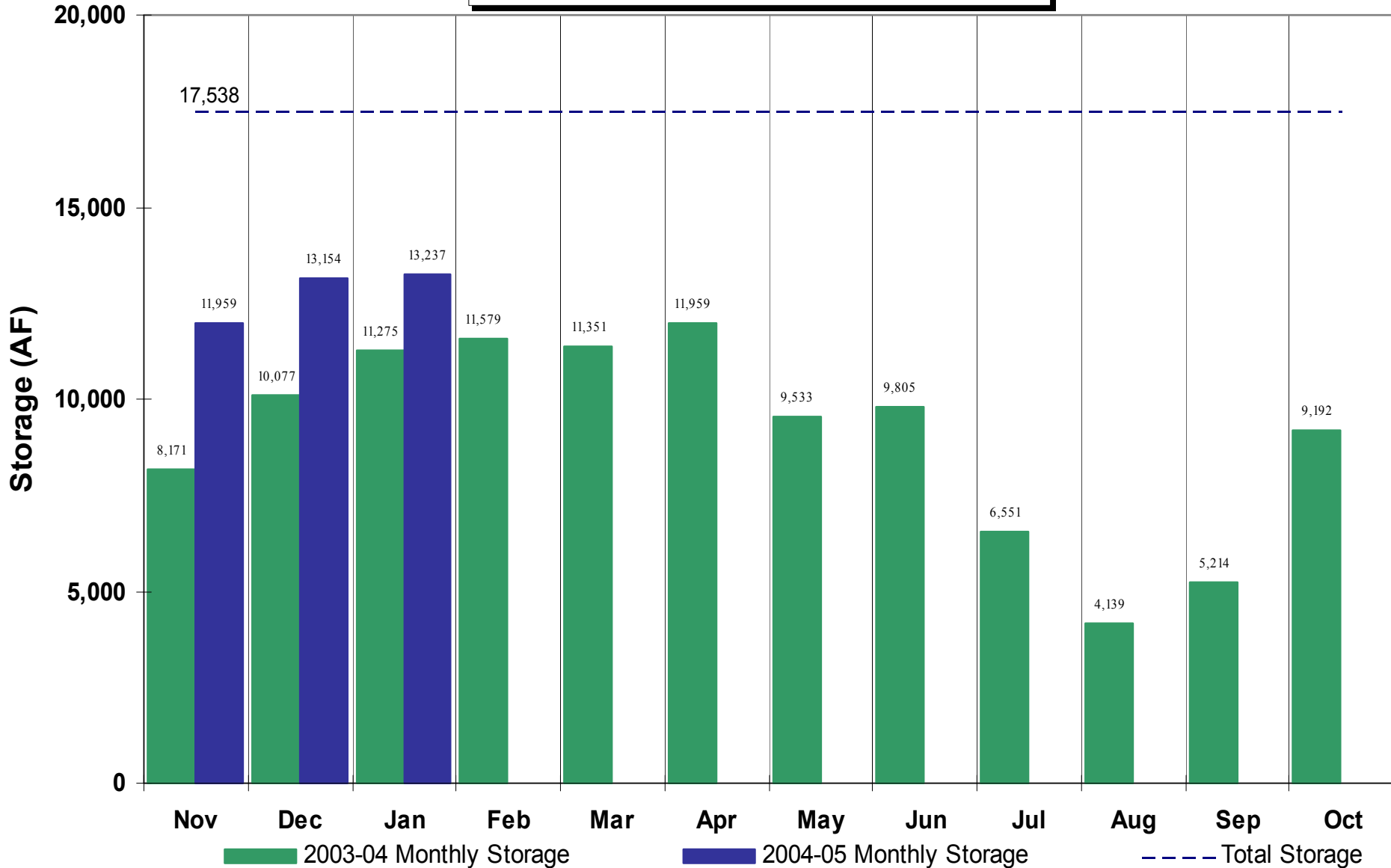


Boyd Lake (Agricultural)



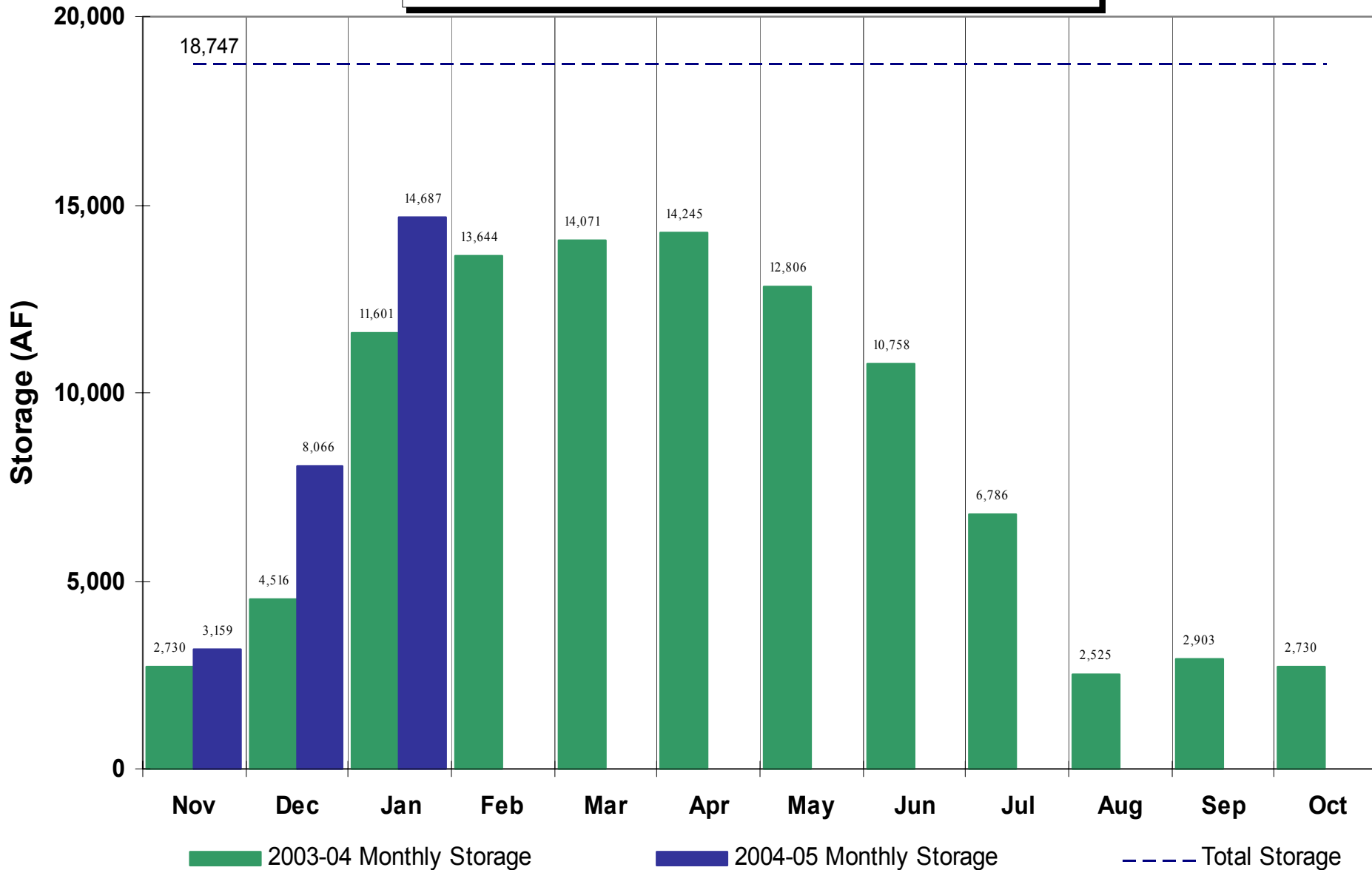
Windsor Reservoir

(Agricultural)



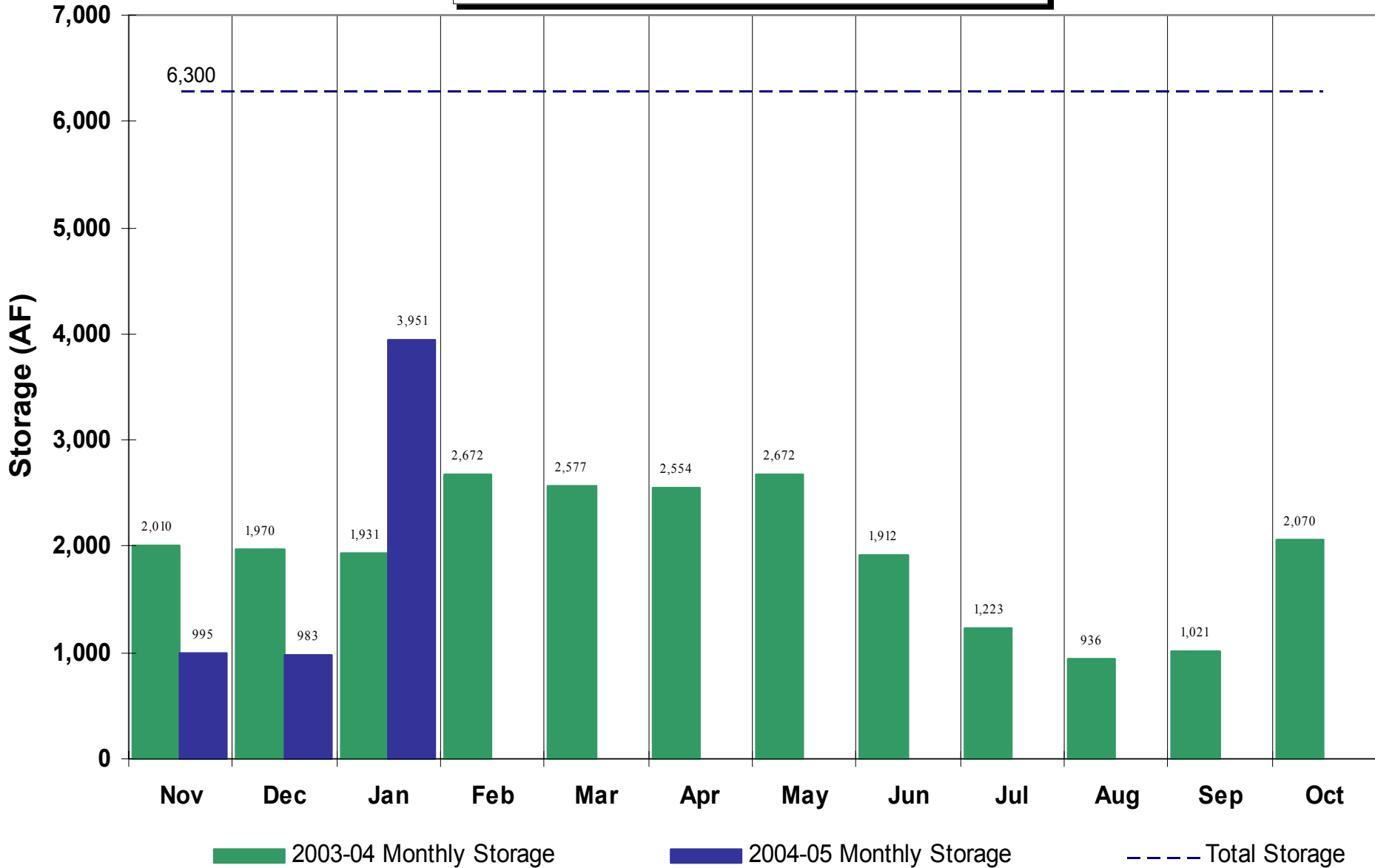
Horse Creek Reservoir

(Agricultural)



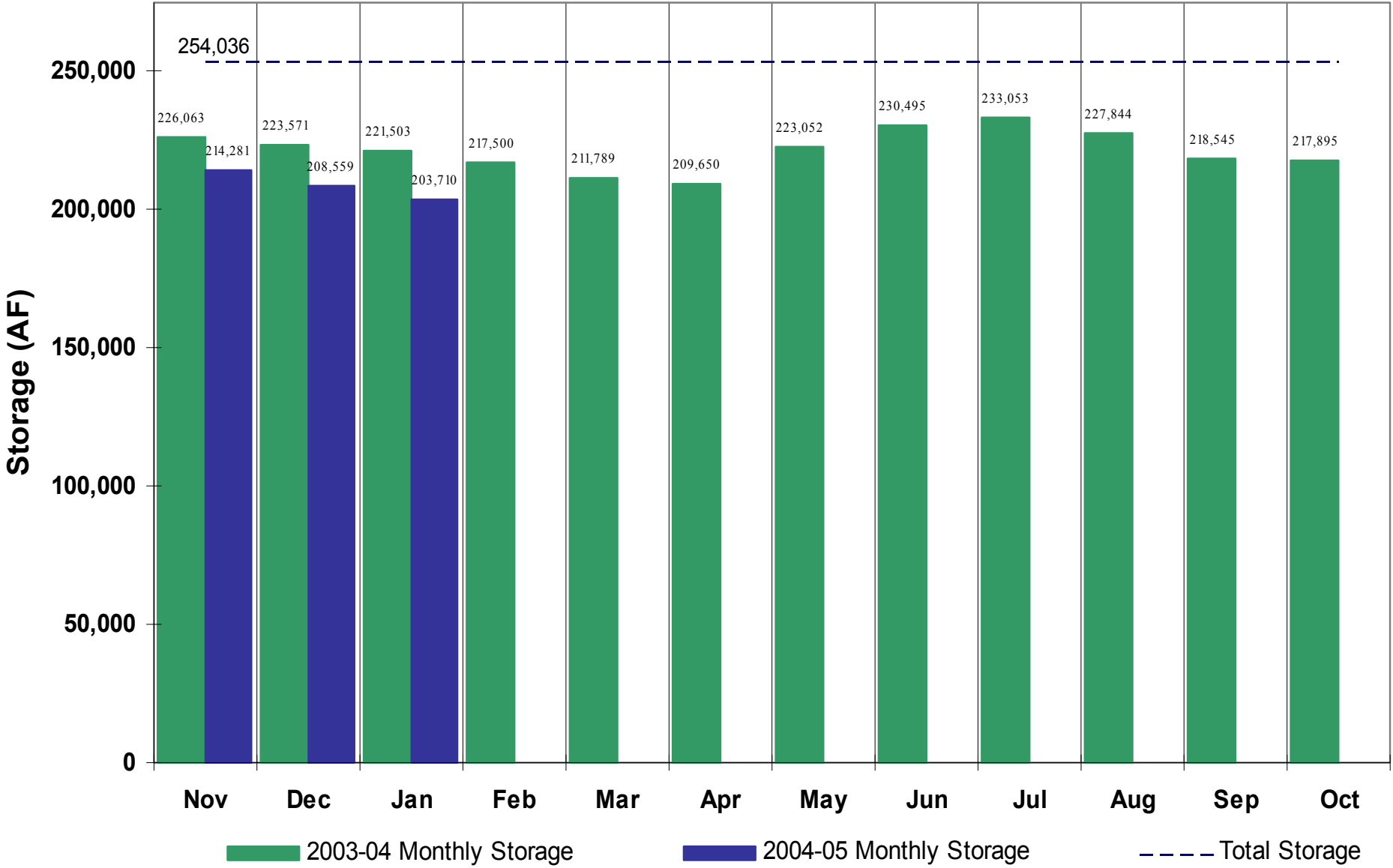
Prospect Reservoir

(Agricultural)



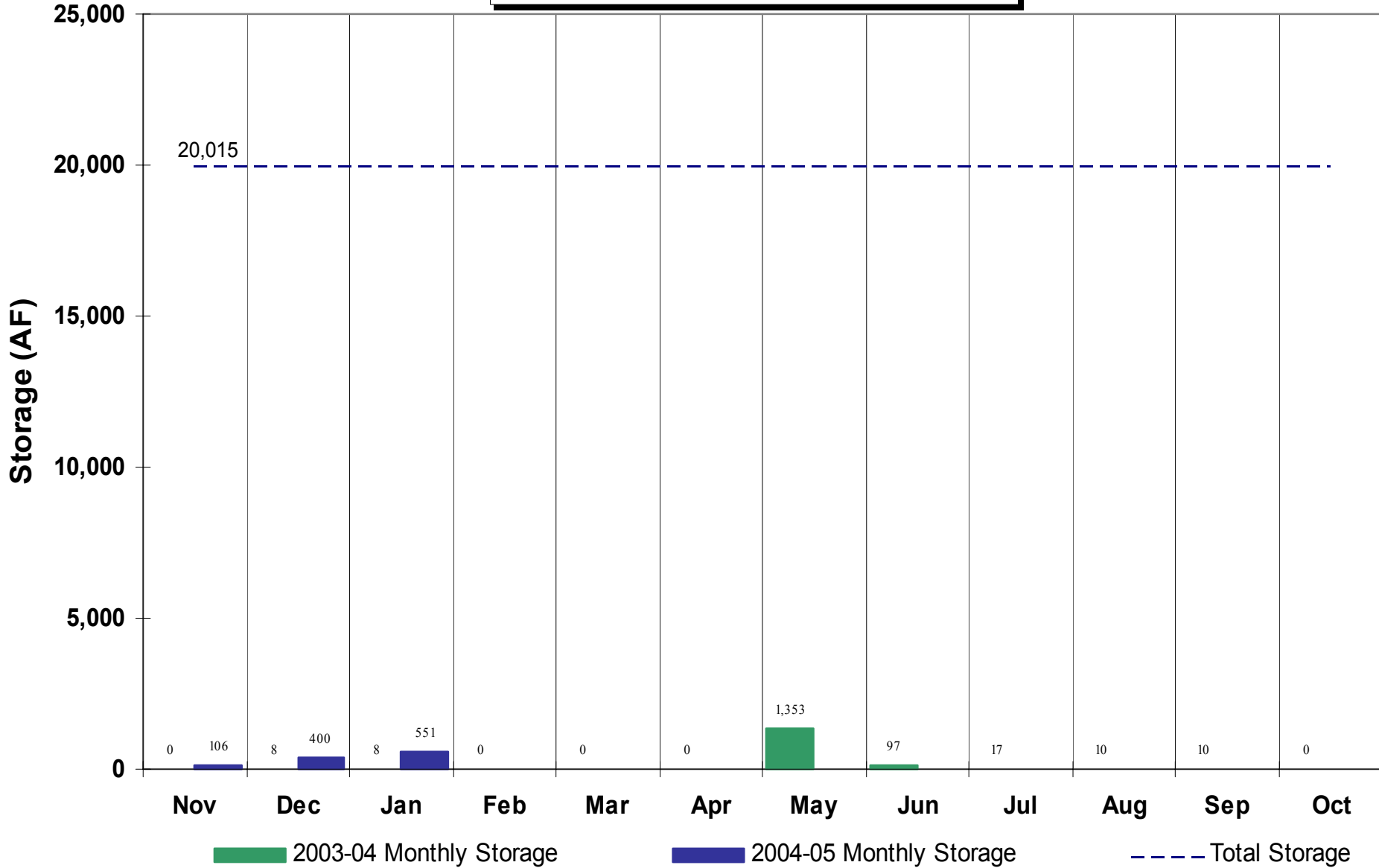
Dillon Reservoir

(Municipal)



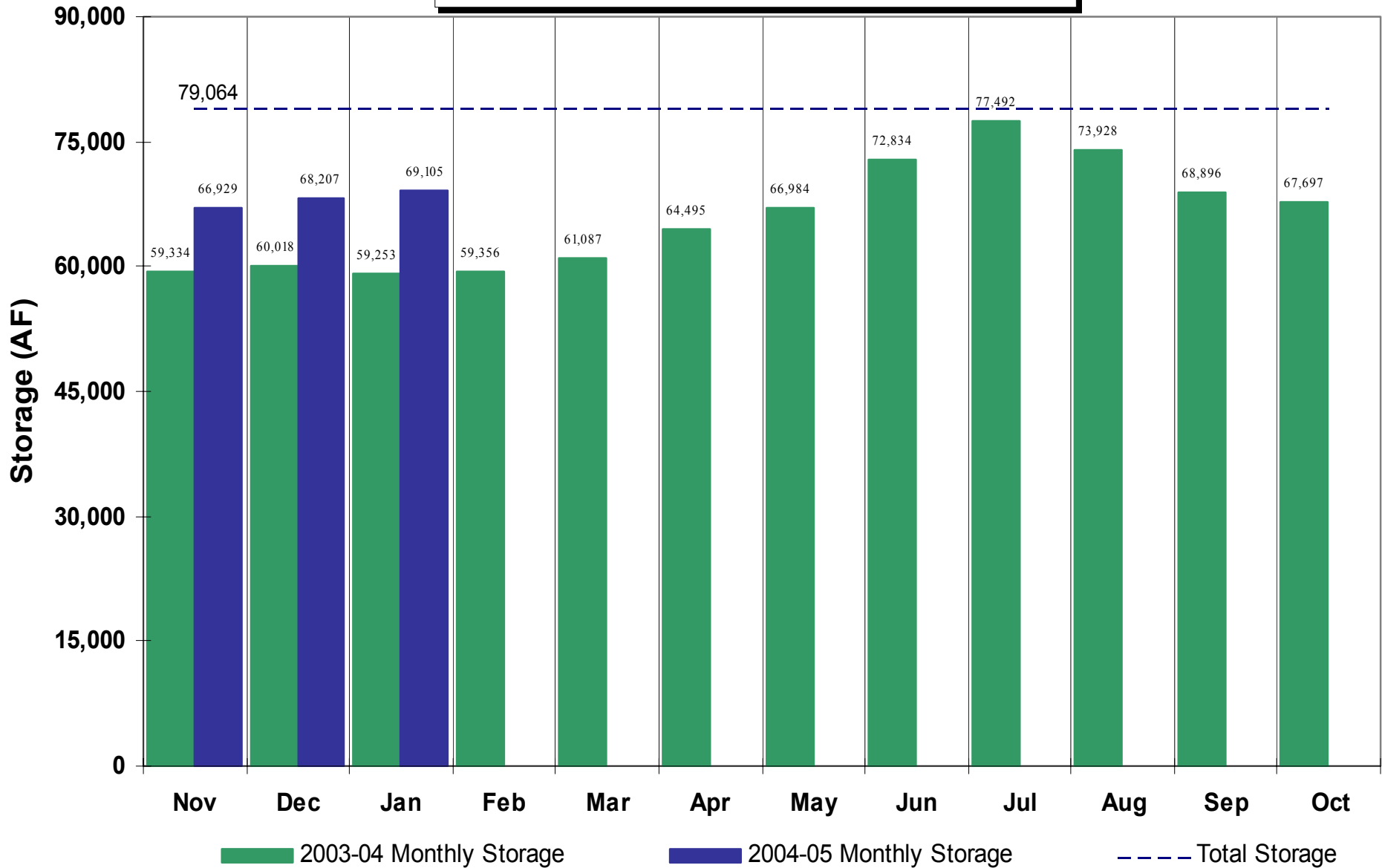
Antero Reservoir

(Municipal)



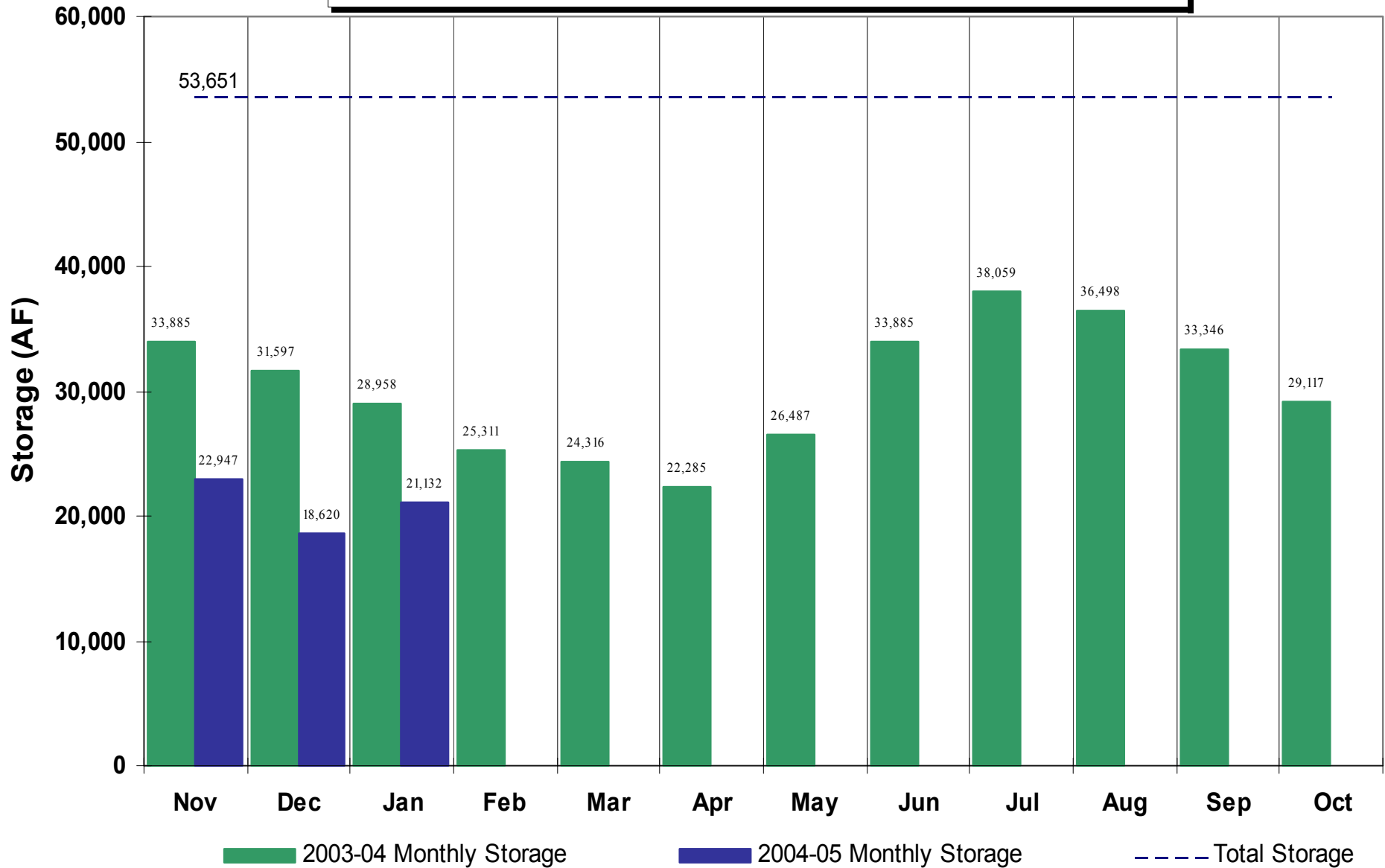
Cheesman Reservoir

(Municipal)

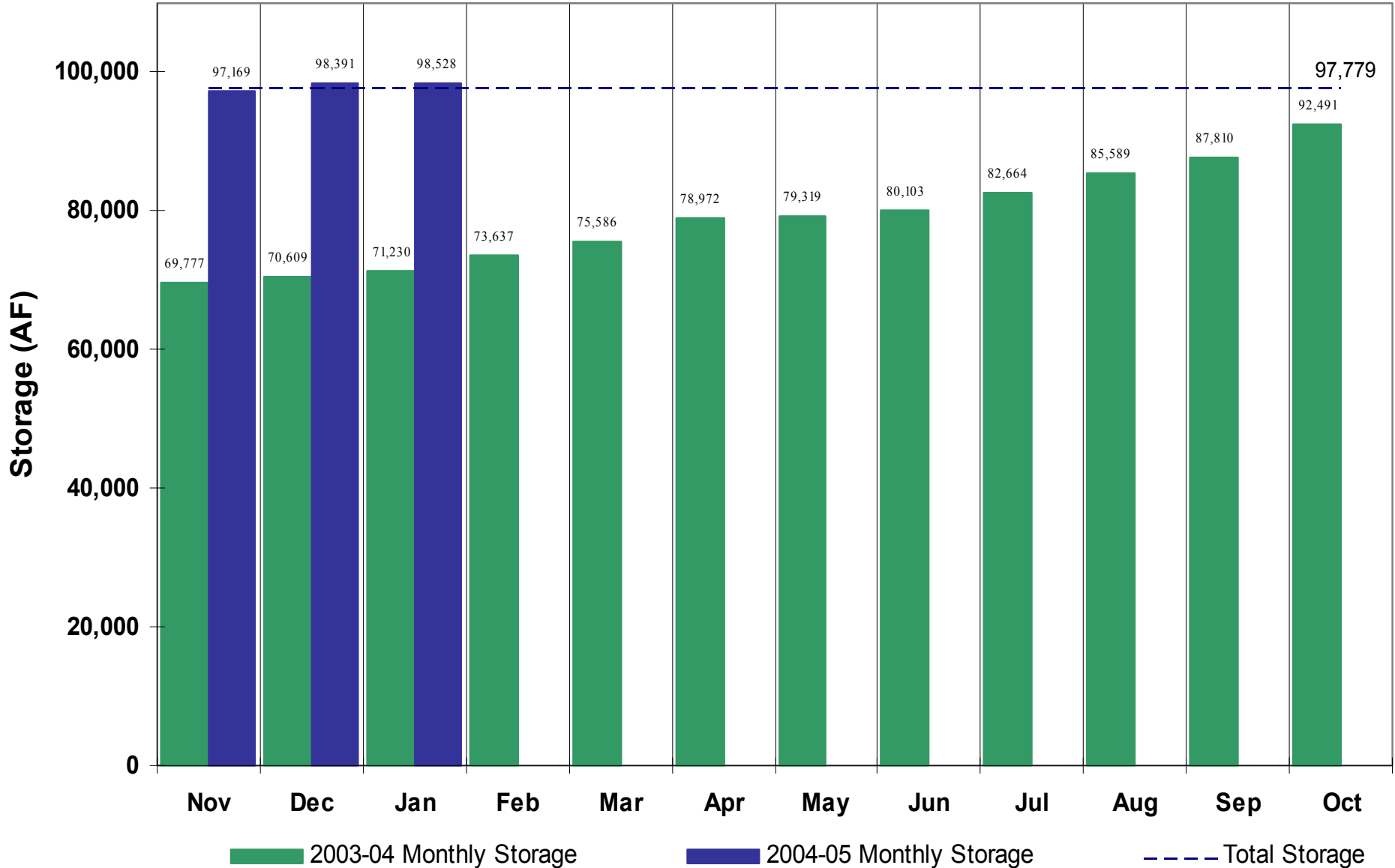


Spinney Mountain Reservoir

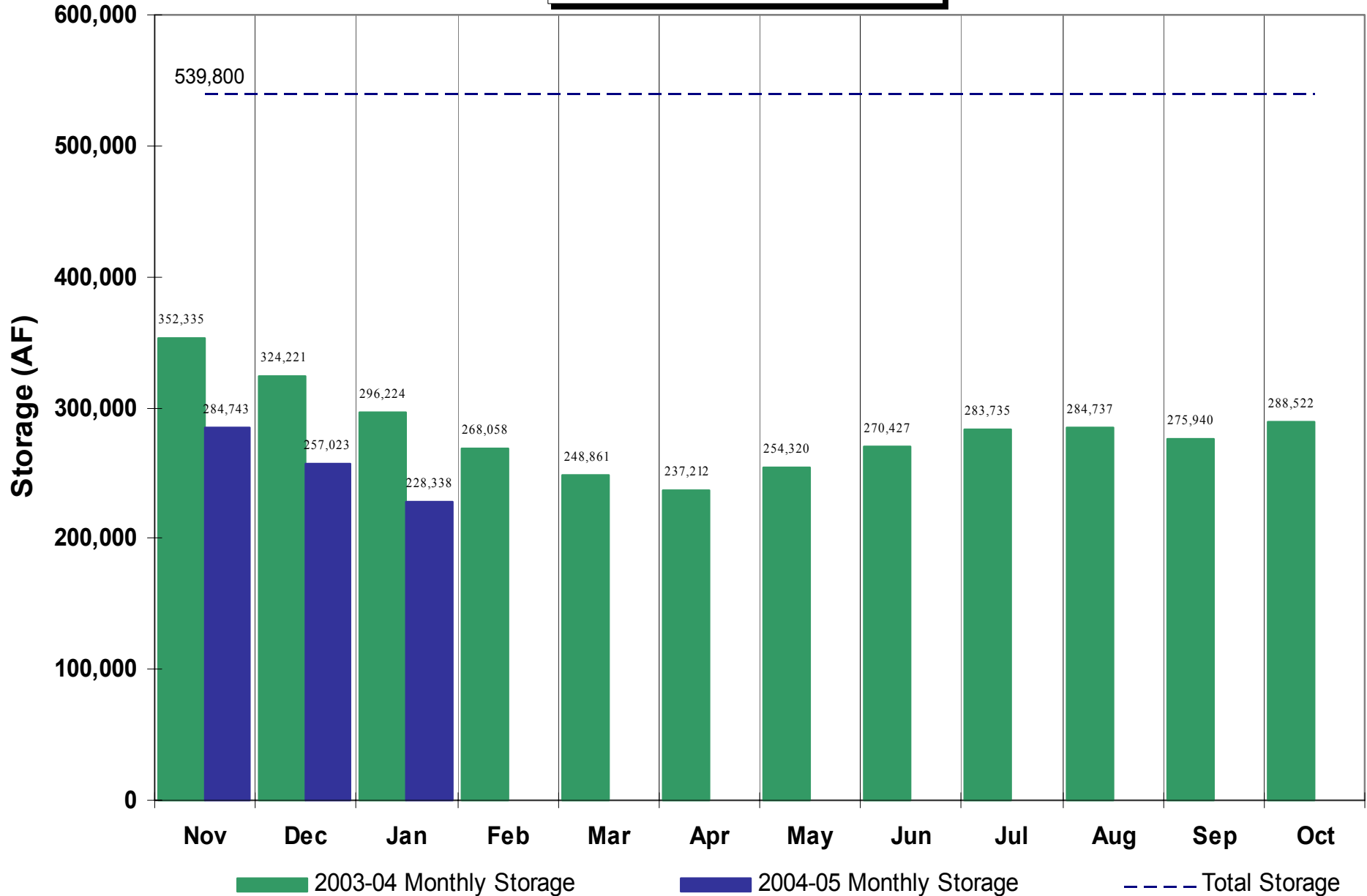
(Municipal)

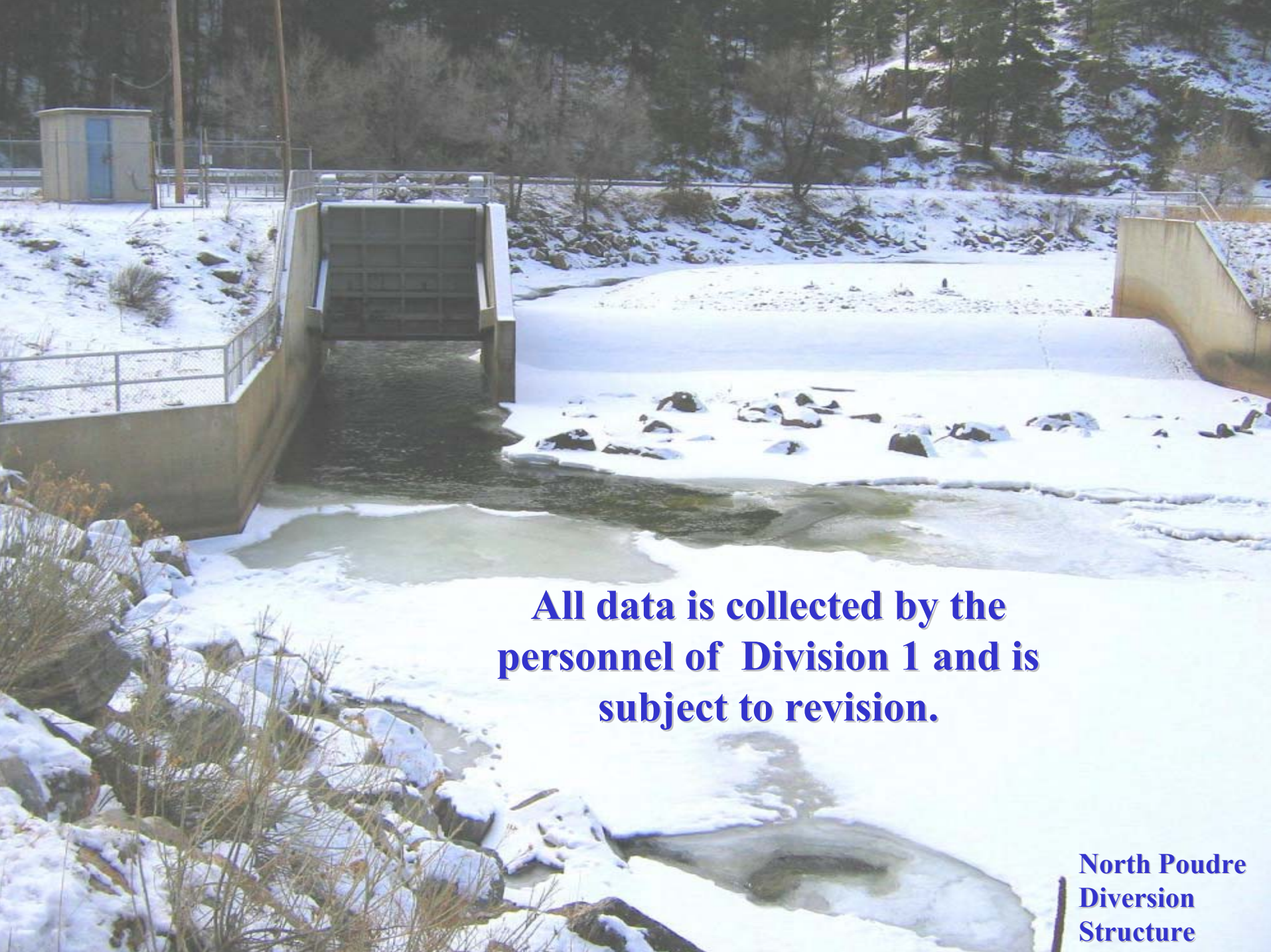


Eleven Mile Reservoir (Municipal)



Lake Granby





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

**North Poudre
Diversion
Structure**