

South Platte Summary

January 2006

By Claudia Engelmann

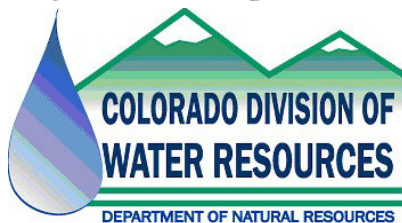


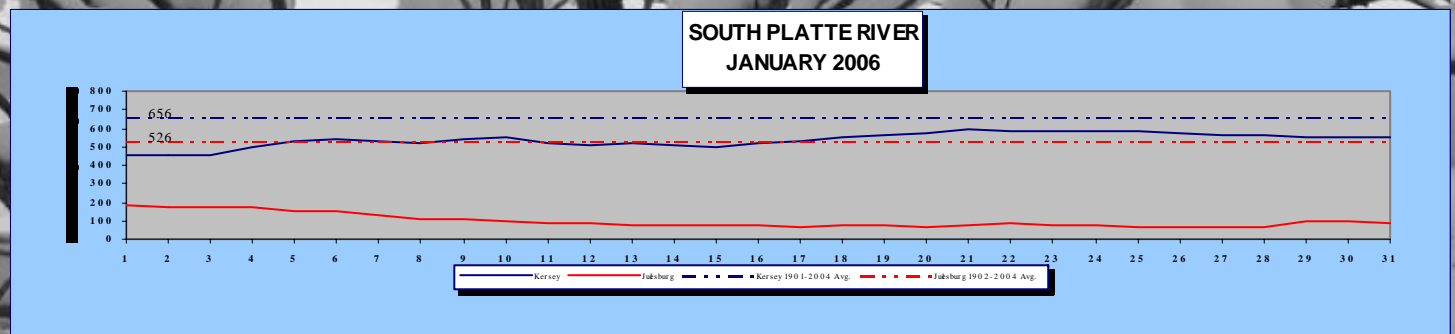
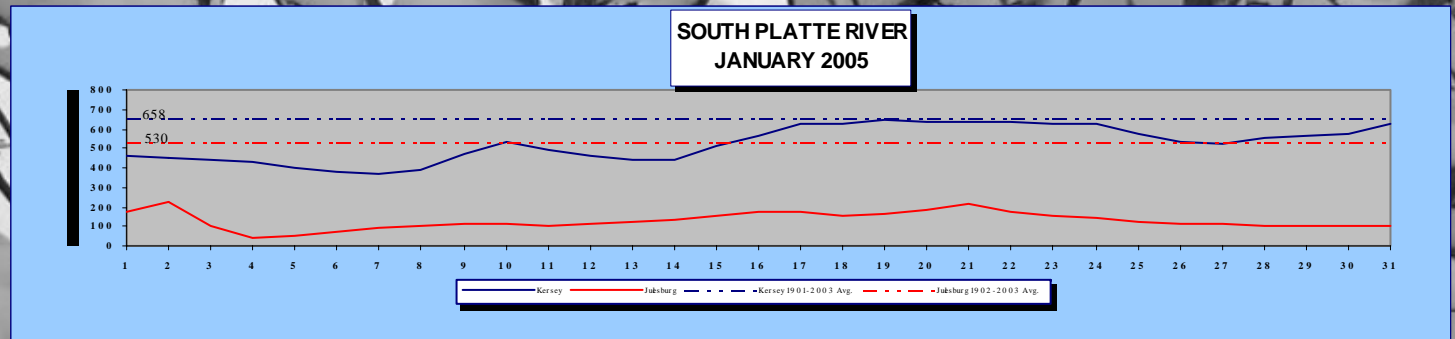
Photo by Jana Ash

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

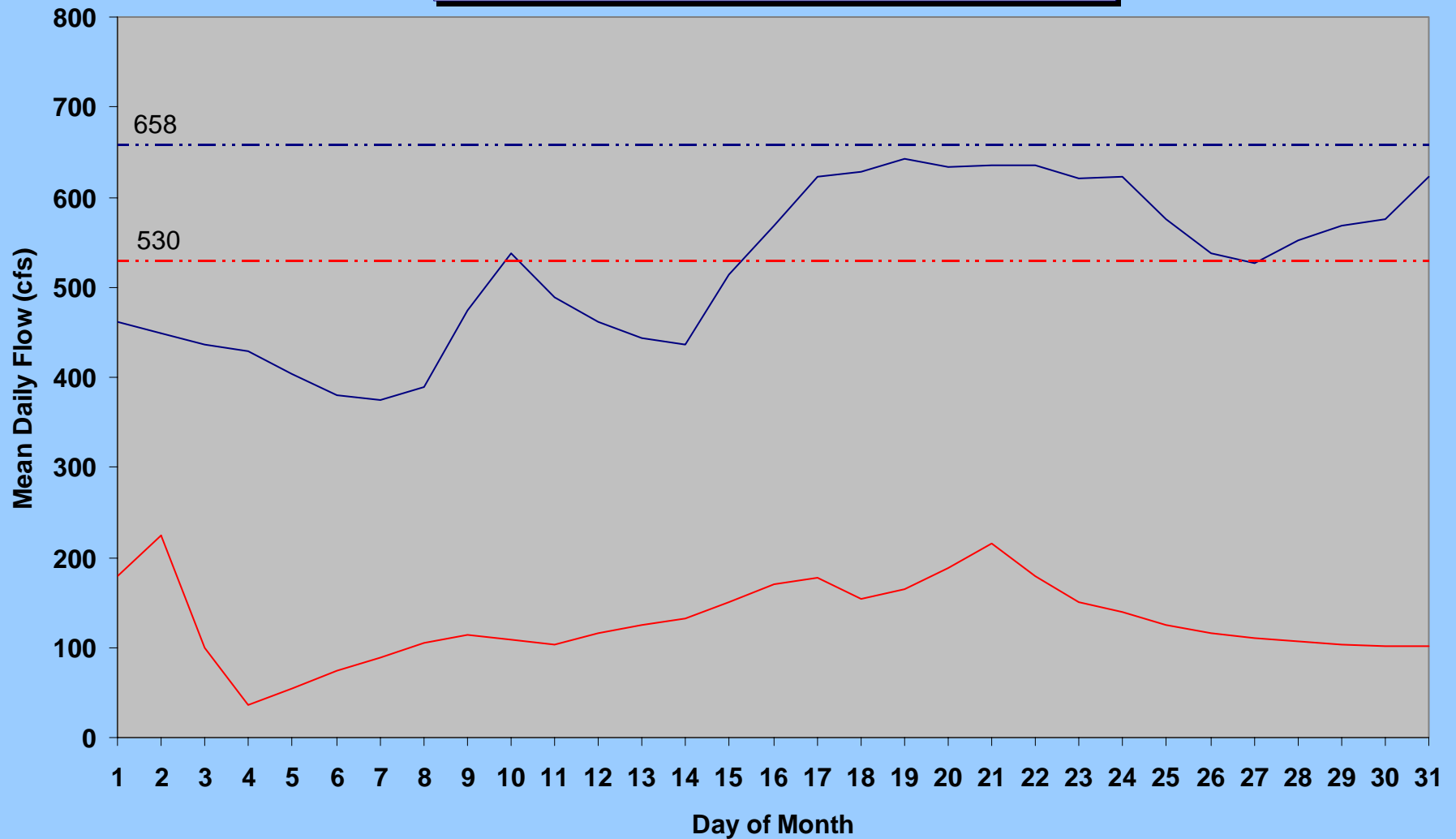
MONTH OF JANUARY 2006

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	18,760	18,893	64	133	1%	83%	76%	0
N STERLING	73,730	36,616	54,040	64	17,424	48%	73%	72%	0
PREWITT	28,500	27,675	25,640	64	-2,035	-7%	90%	91%	0
JACKSON	27,257	24,073	23,611	1	-462	-2%	87%	84%	0
EMPIRE	37,700	14,068	21,973	1	7,905	56%	58%	43%	0
RIVERSIDE	63,113	46,200	50,434	1	4,234	9%	80%	80%	0
BARR LAKE	31,652	22,696	26,044	2	3,348	15%	82%	71%	0
CHEESMAN	79,064	76,367	73,275	80	-3,092	-4%	93%	87%	0
ELEVEN MILE	97,779	99,040	98,972	23	-68	0%	100%	100%	1,193
SPINNEY	53,651	37,664	41,326	23	3,662	10%	77%	39%	0
ANTERO	20,015	6,918	7,019	23	101	1%	35%	3%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	537
JULESBURG	98
THIS MONTH LAST YEAR	
KERSEY	524
JULESBURG	129
MEAN FOR PERIOD OF RECORD*	
KERSEY	656
JULESBURG	526
* 1901-2004	
1902-2004	

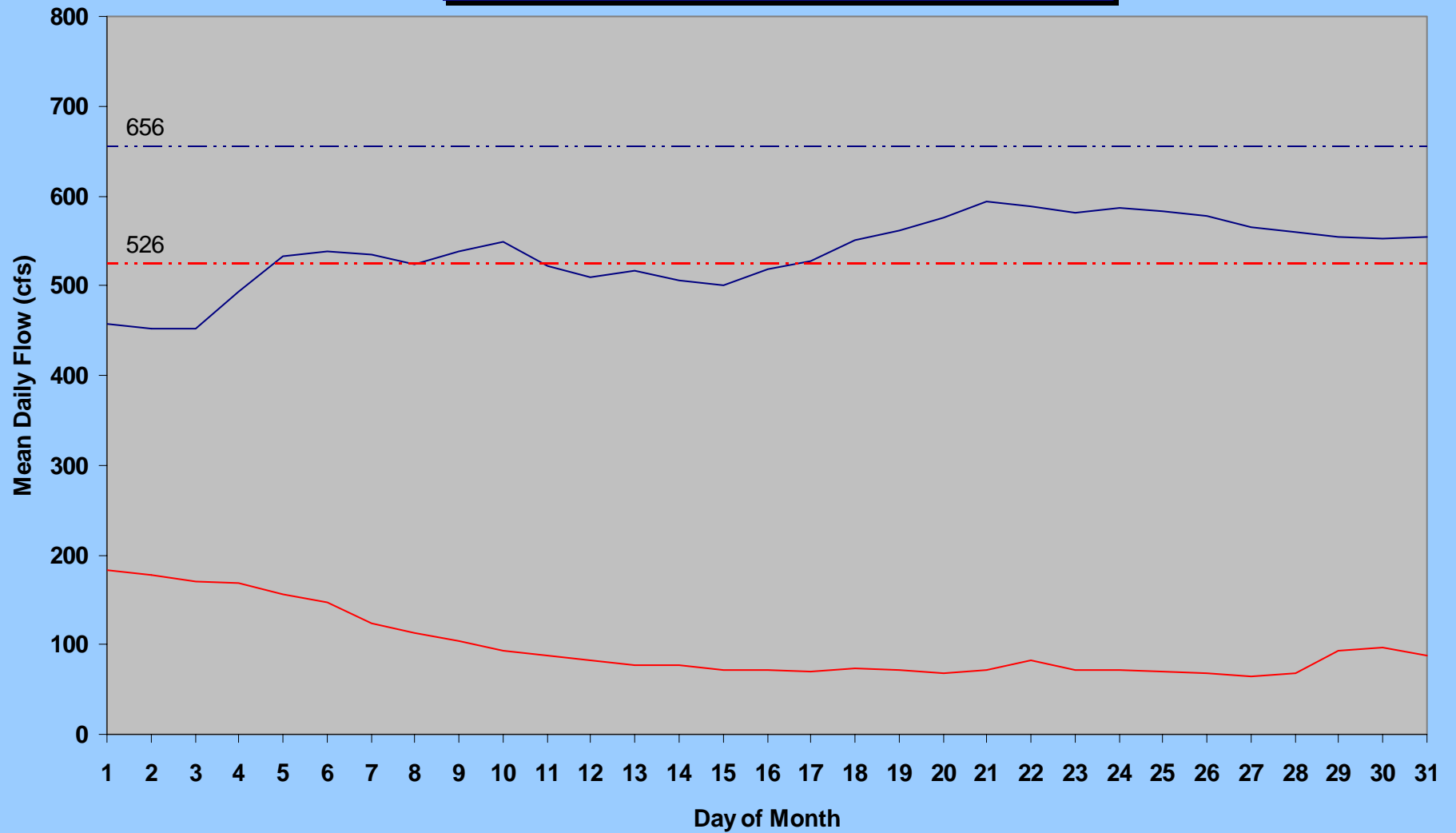


SOUTH PLATTE RIVER JANUARY 2005



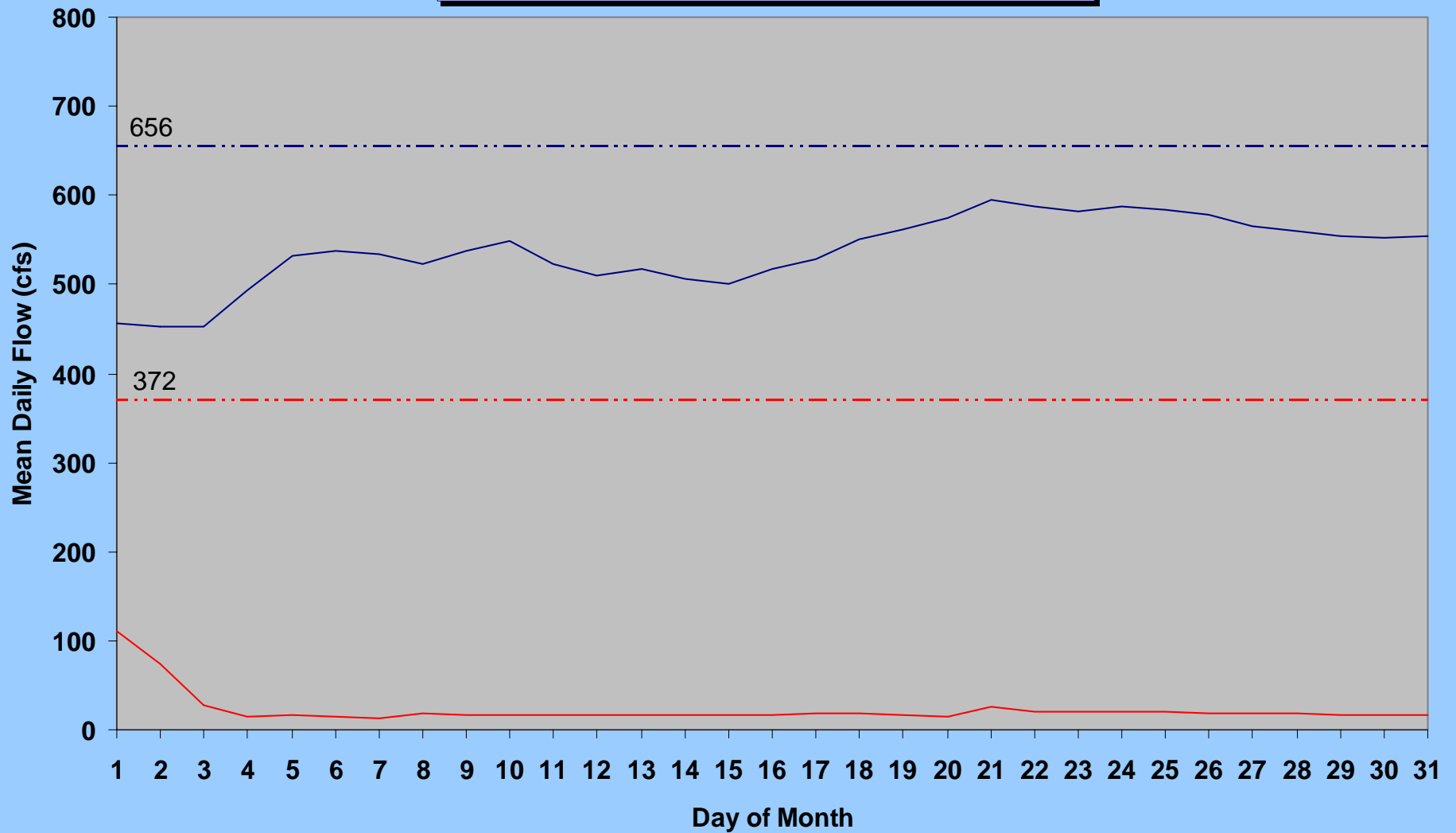
— Kersey — Julesburg - - - - Kersey 1901-2003 Avg. - Julesburg 1902-2003 Avg.

SOUTH PLATTE RIVER JANUARY 2006



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

KERSEY and BALZAC JANUARY 2006



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

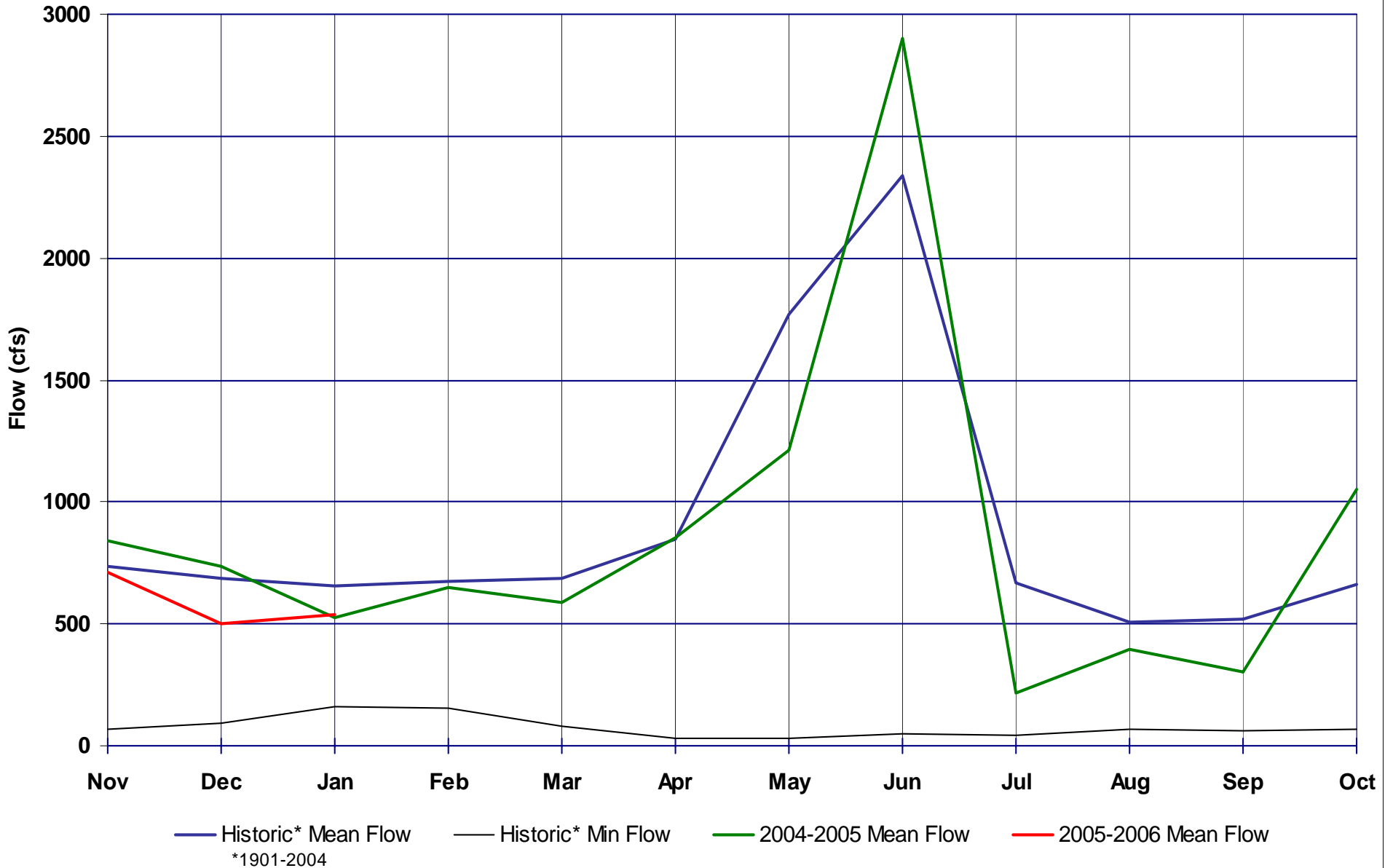
South Platte River Monthly Stream Flow (cfs) Statistics

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		Feb	604	3220	1930	22	2004	
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

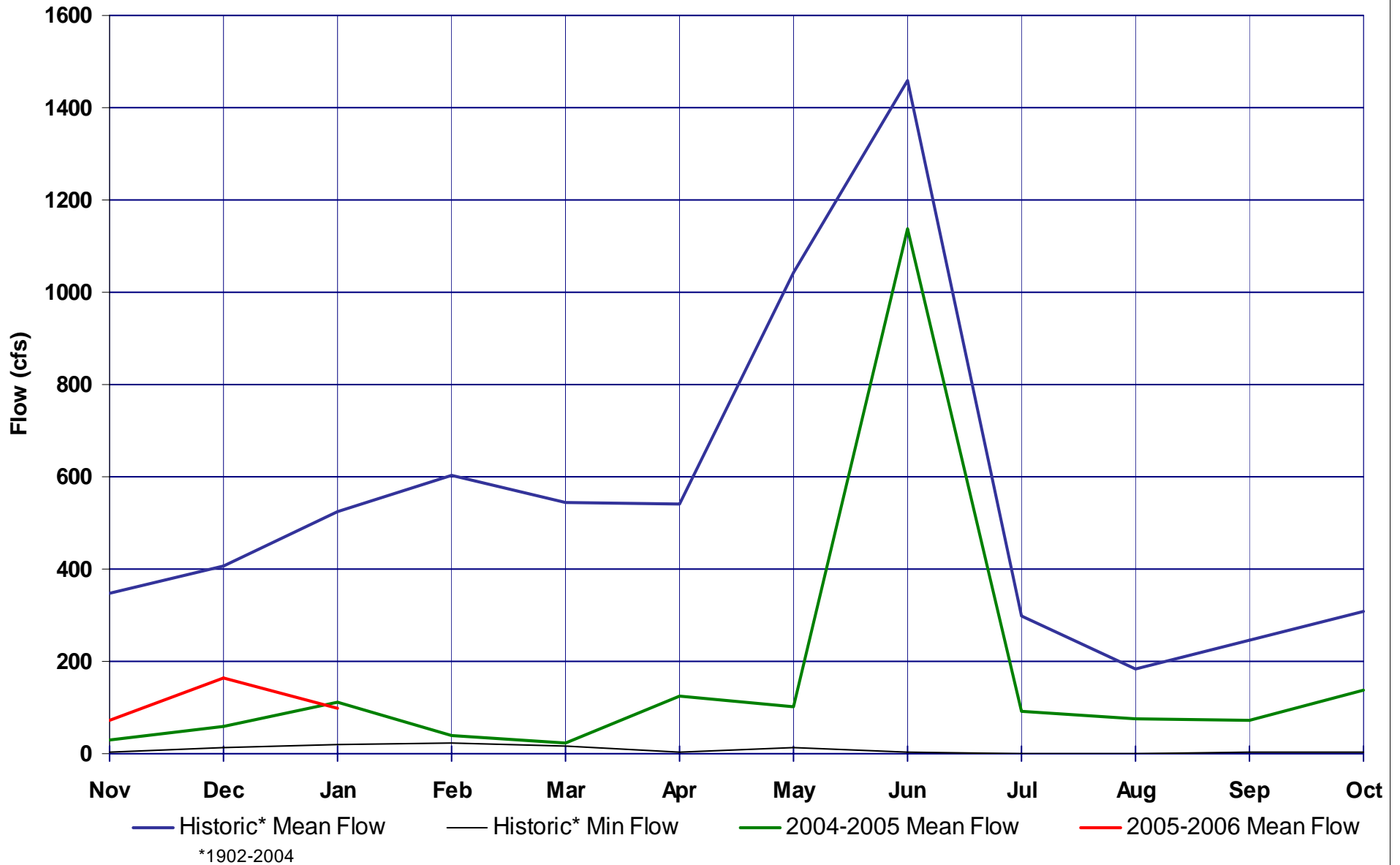
South Platte River at Kersey


Irrigation Water Year



South Platte River at Julesburg

Irrigation Water Year



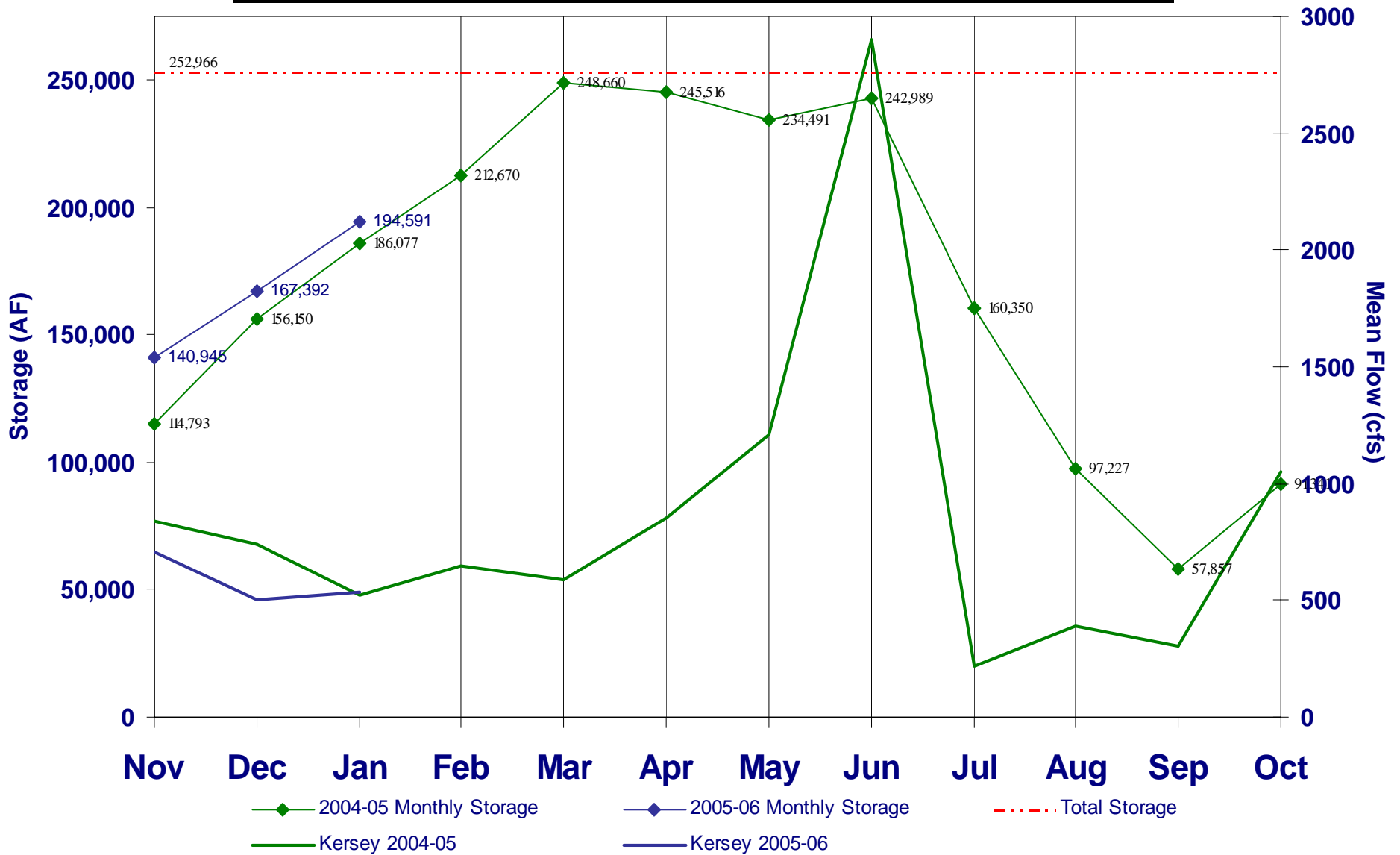


**Next four slides show
Reservoir Storage
below and above Kersey**

Photo by Jana Ash

Reservoir Storage below Kersey

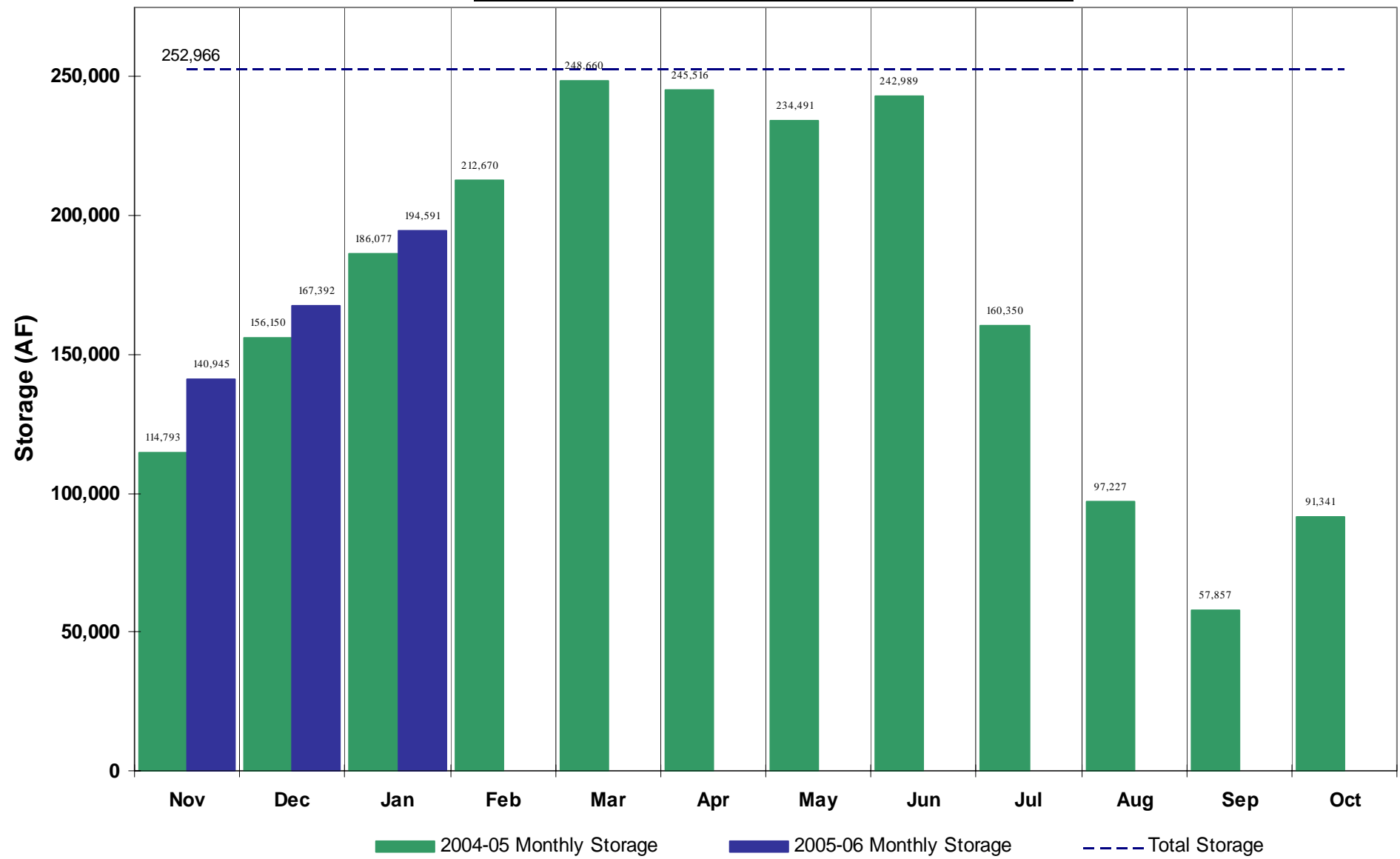
Selected Reservoirs*



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

South Platte Reservoirs

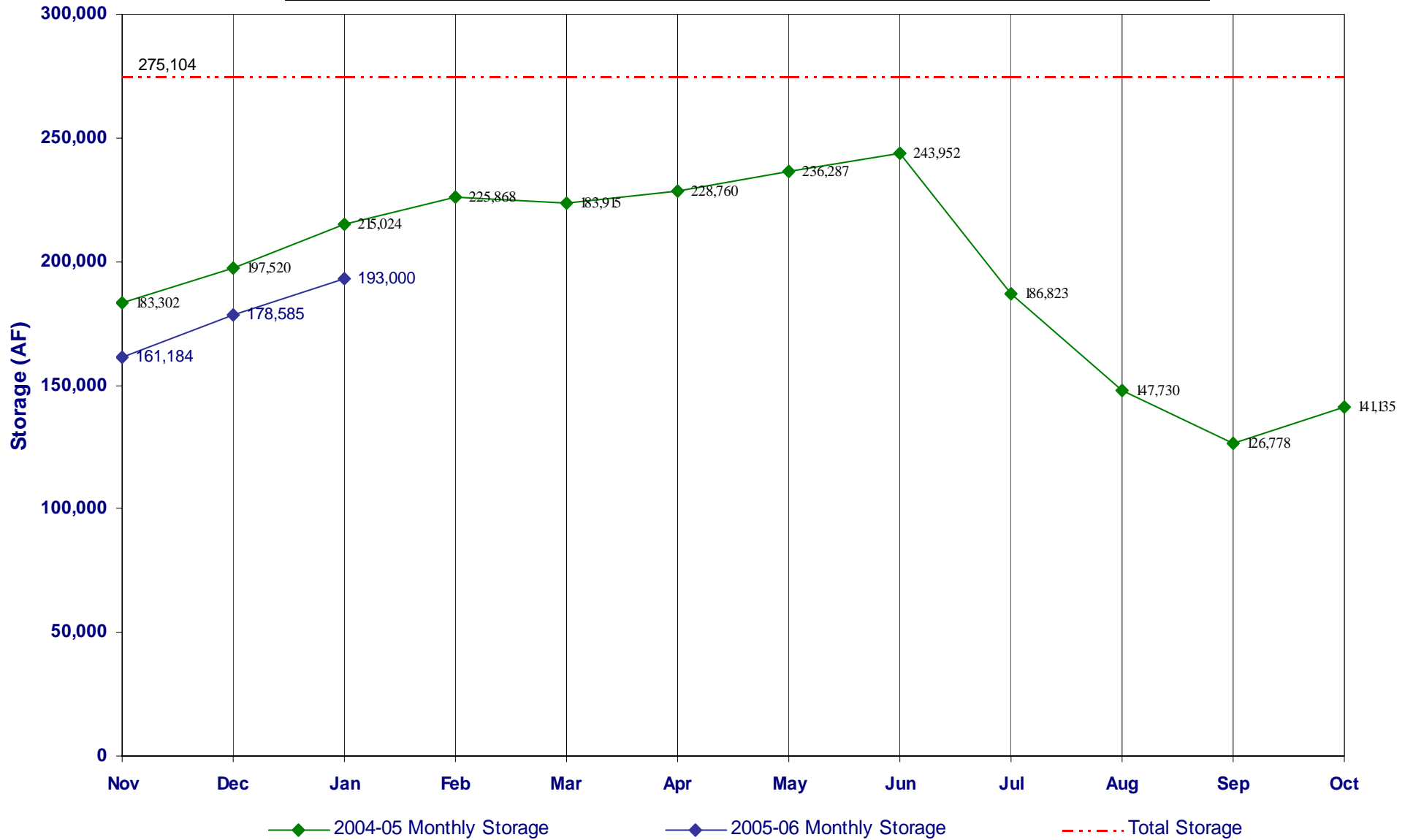
Storage below Kersey*



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

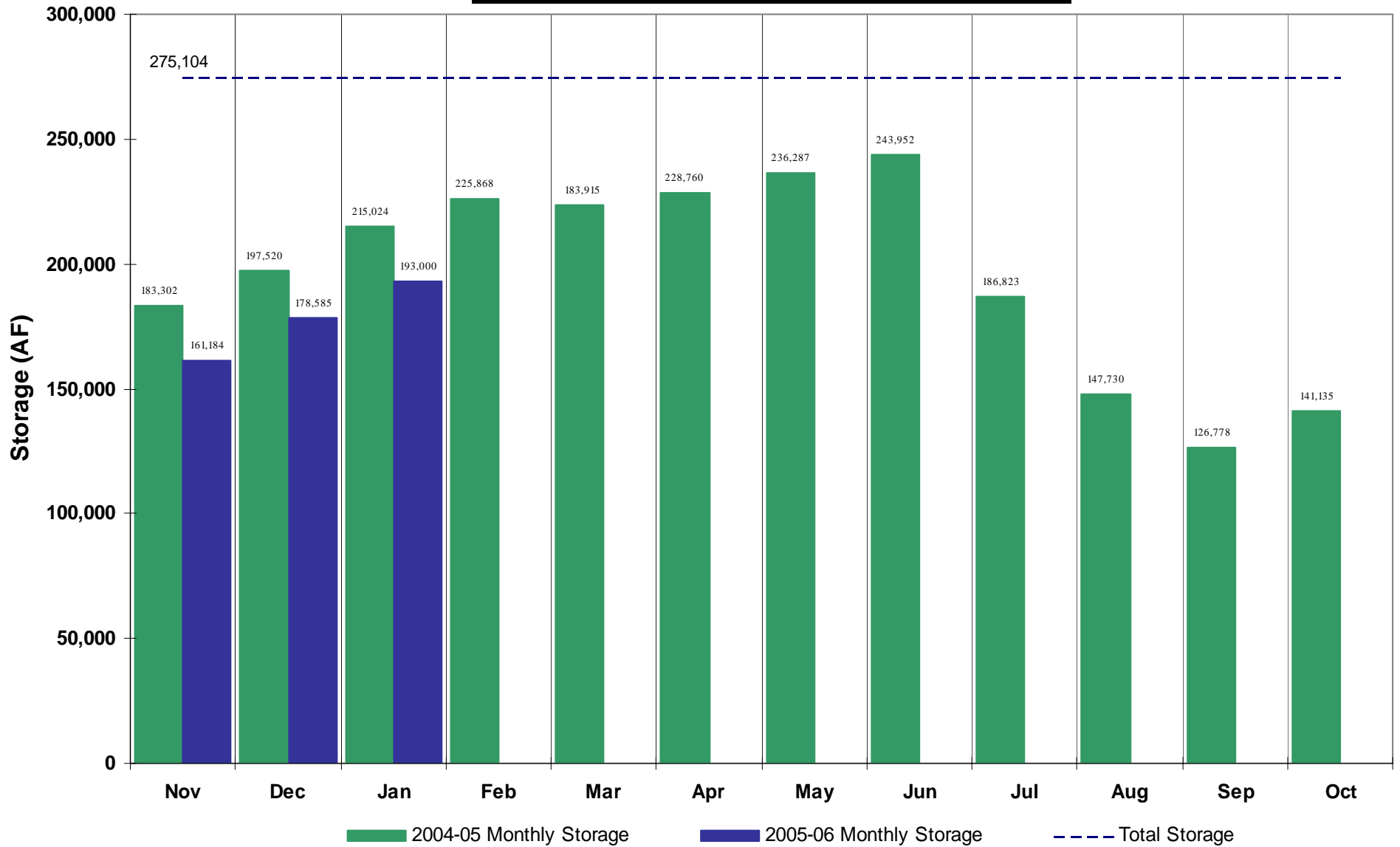
Reservoir Storage above Kersey

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*



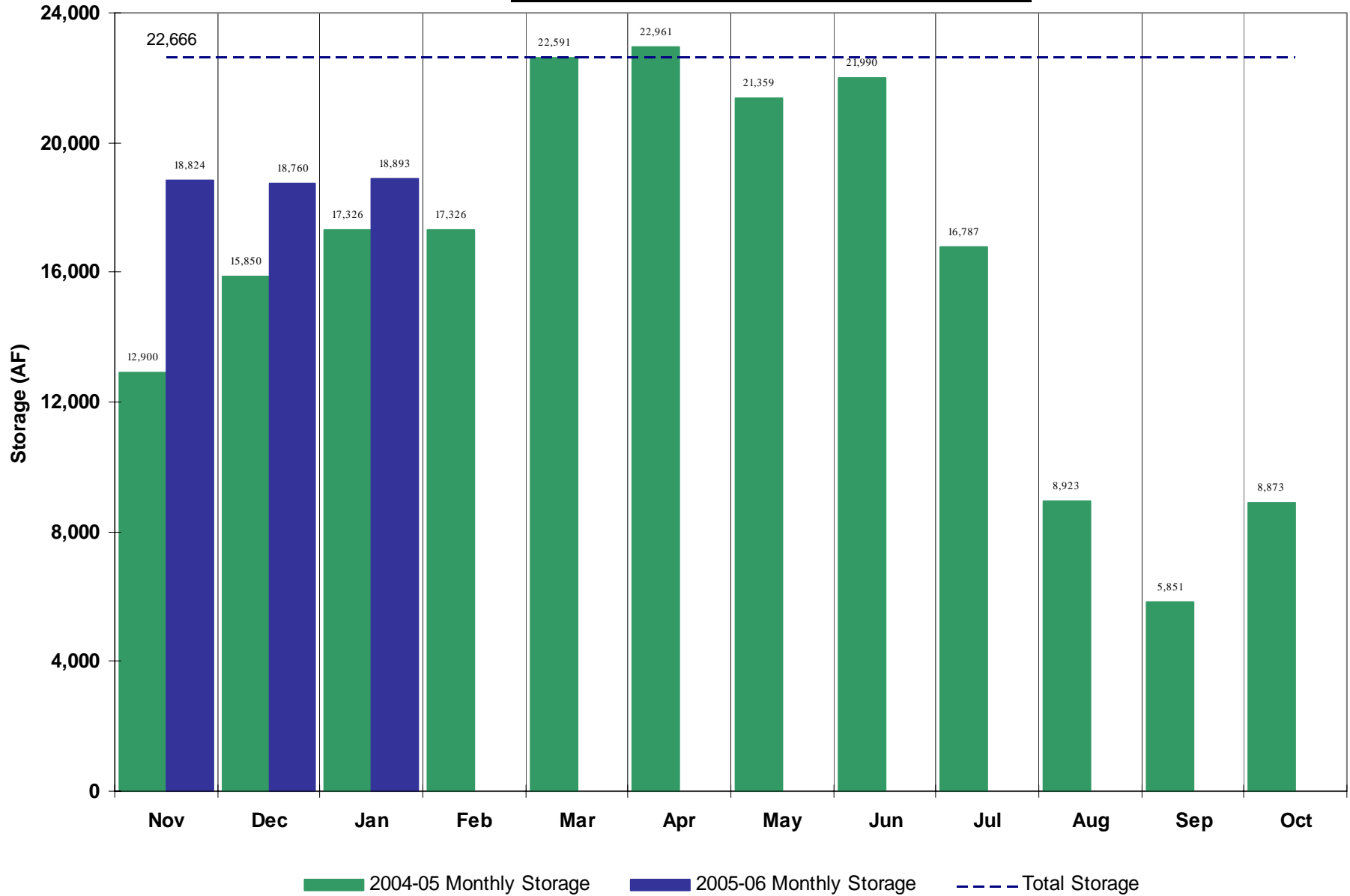
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

**Individual
Reservoir Storage
Follows**

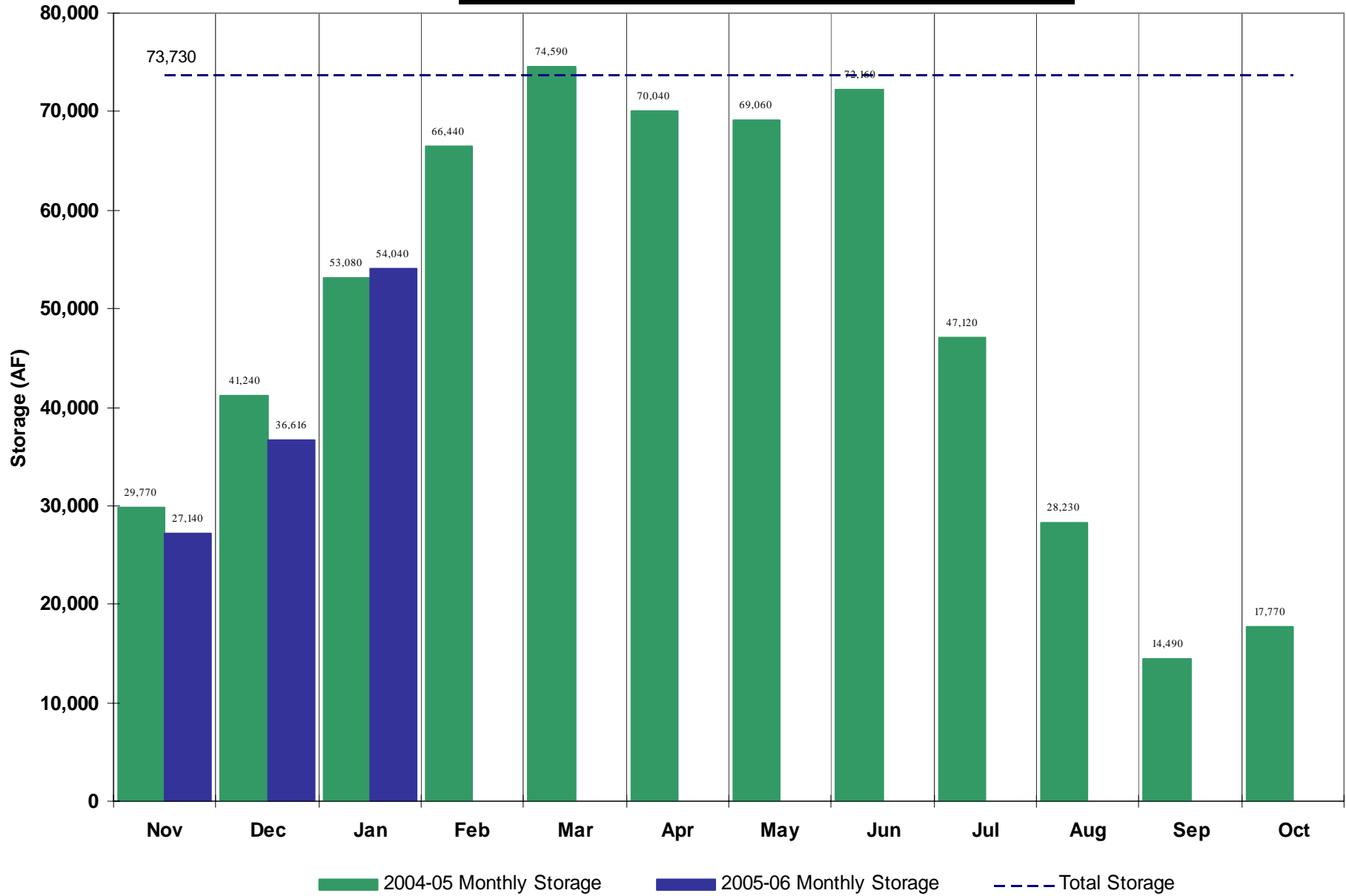


Photo by Jana Ash

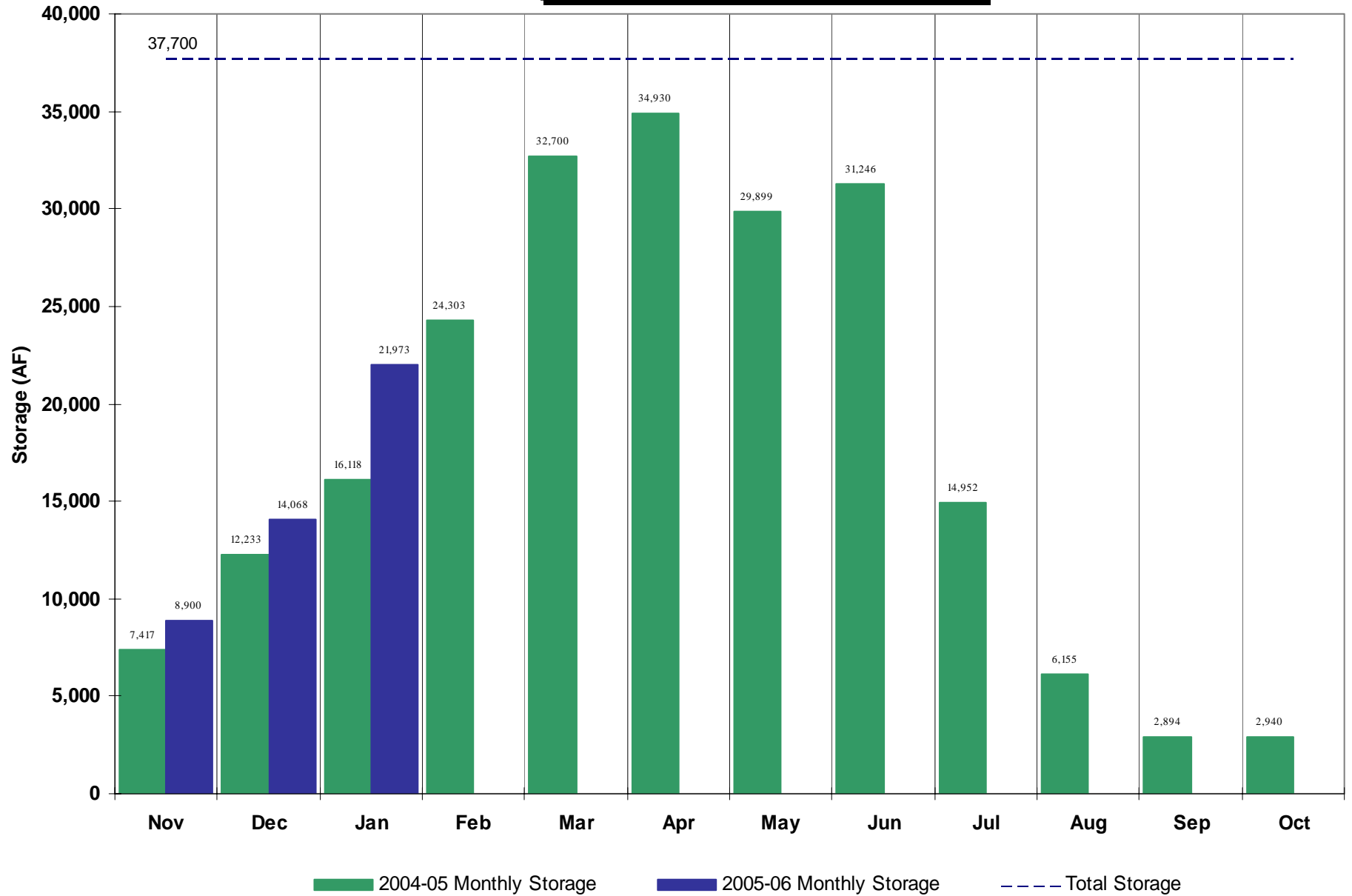
Julesburg Reservoir (Agricultural)



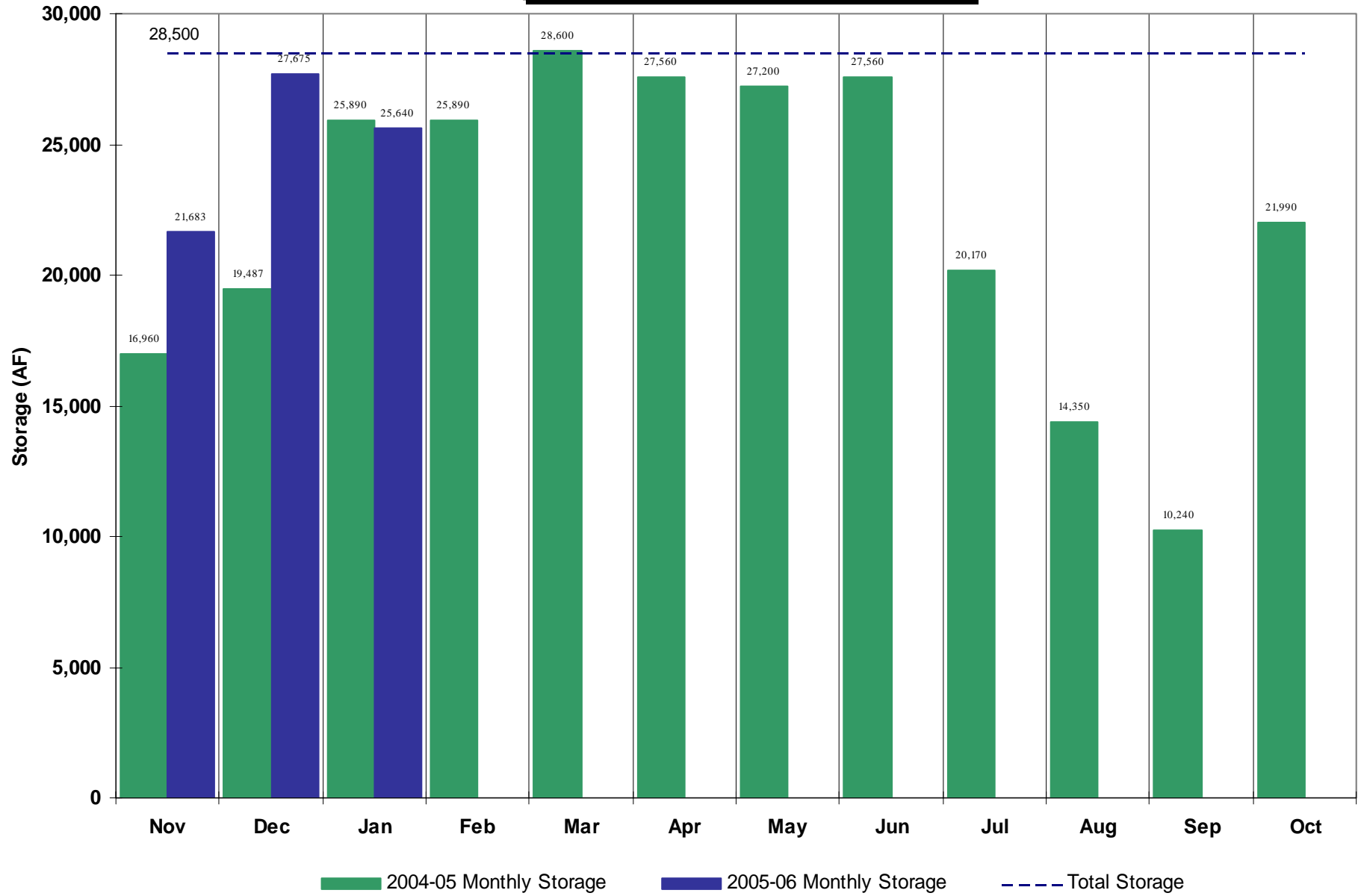
North Sterling Reservoir (Agricultural)



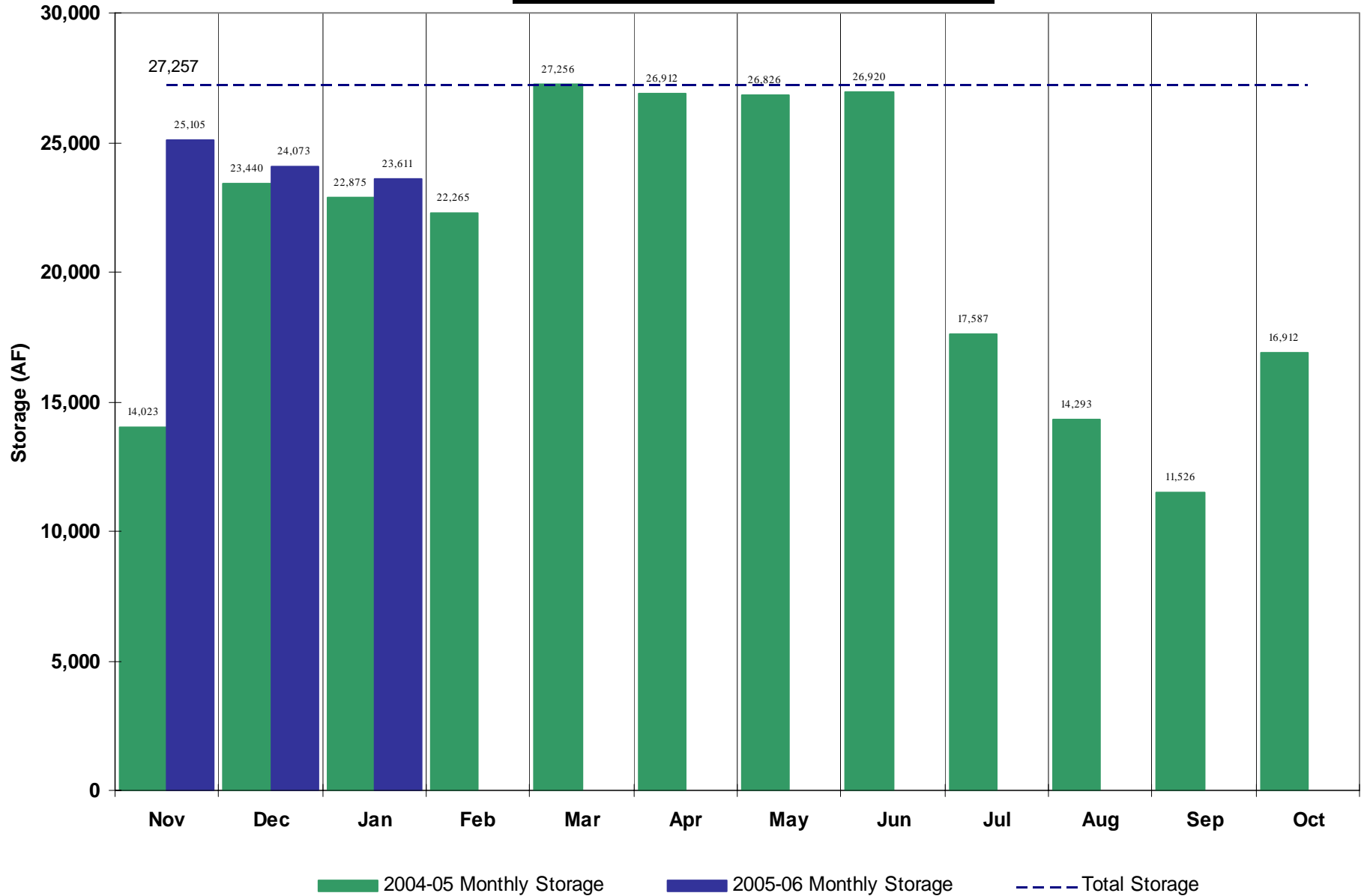
Empire Reservoir (Agricultural)



Prewitt Reservoir (Agricultural)

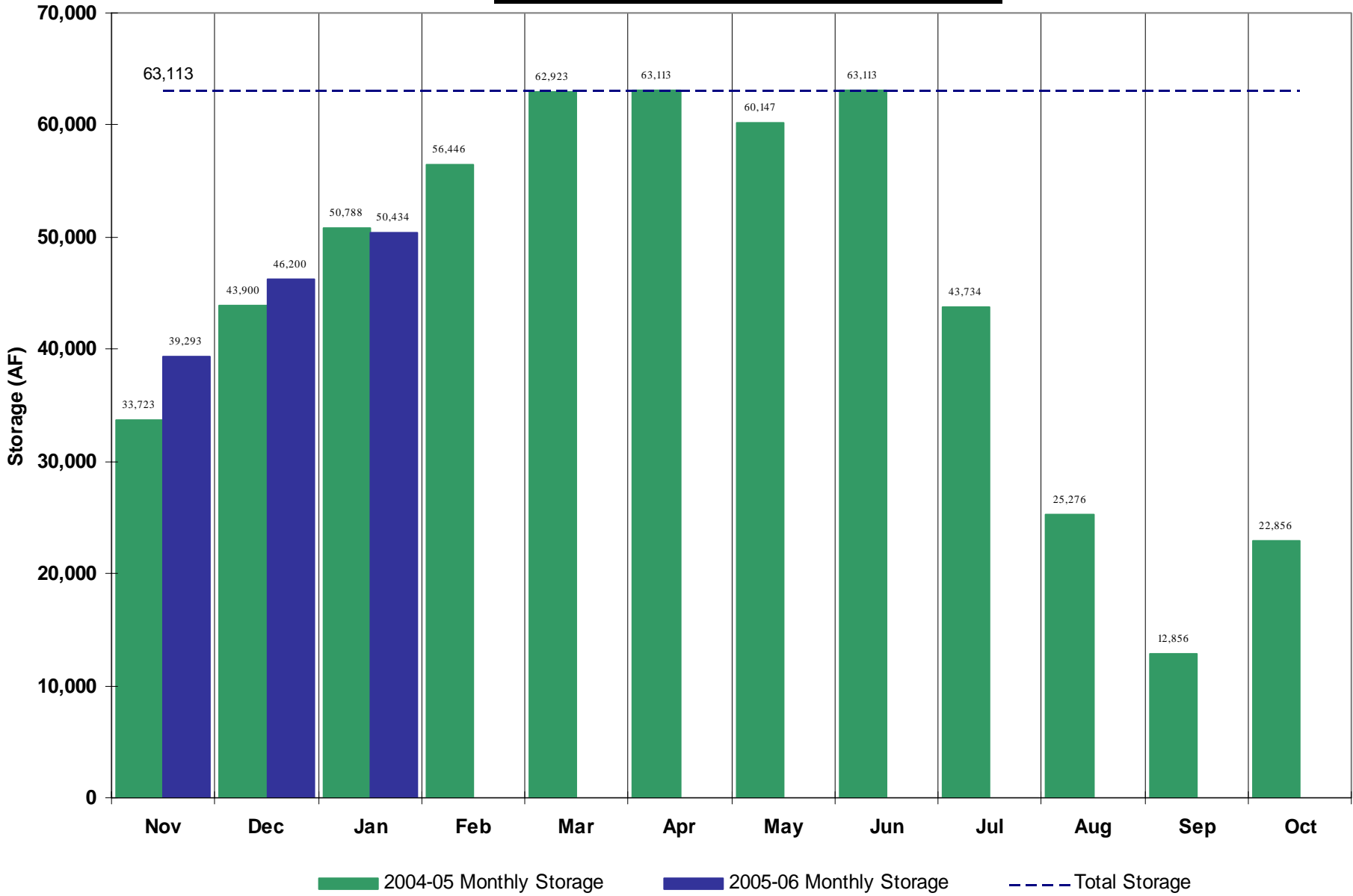


Jackson Reservoir (Agricultural)

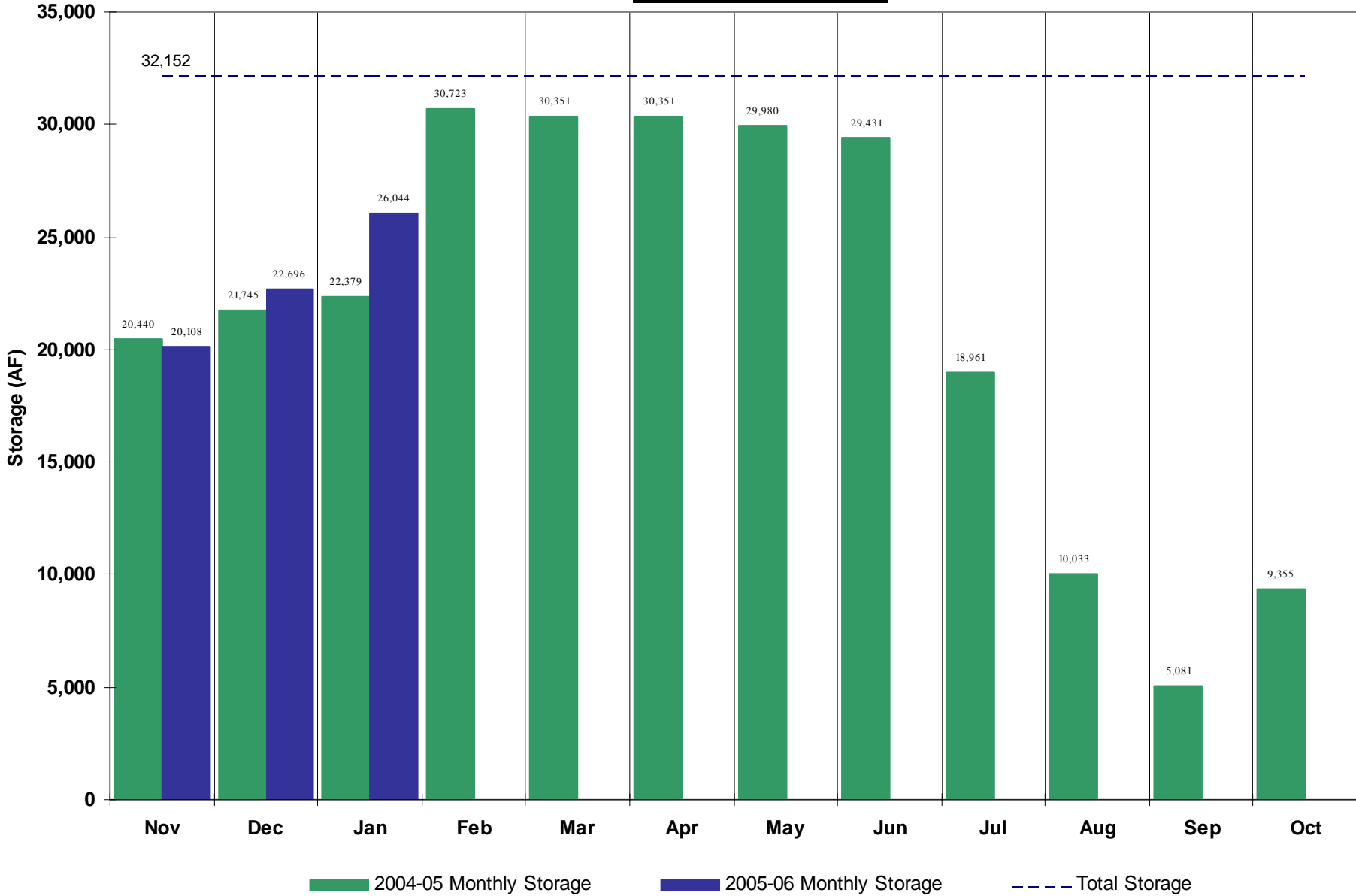


Riverside Reservoir

(Agricultural)

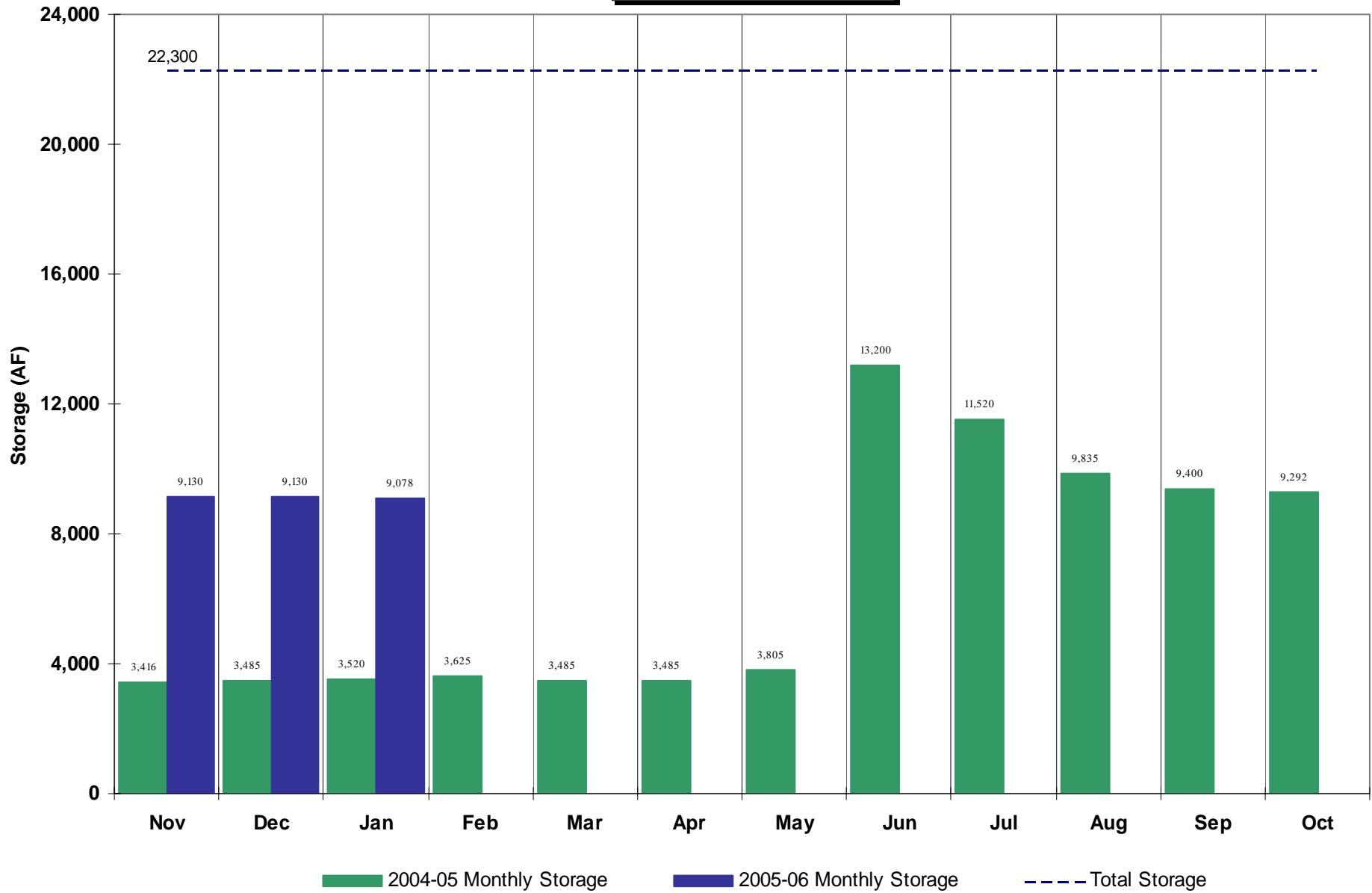


Barr Lake (Agricultural)

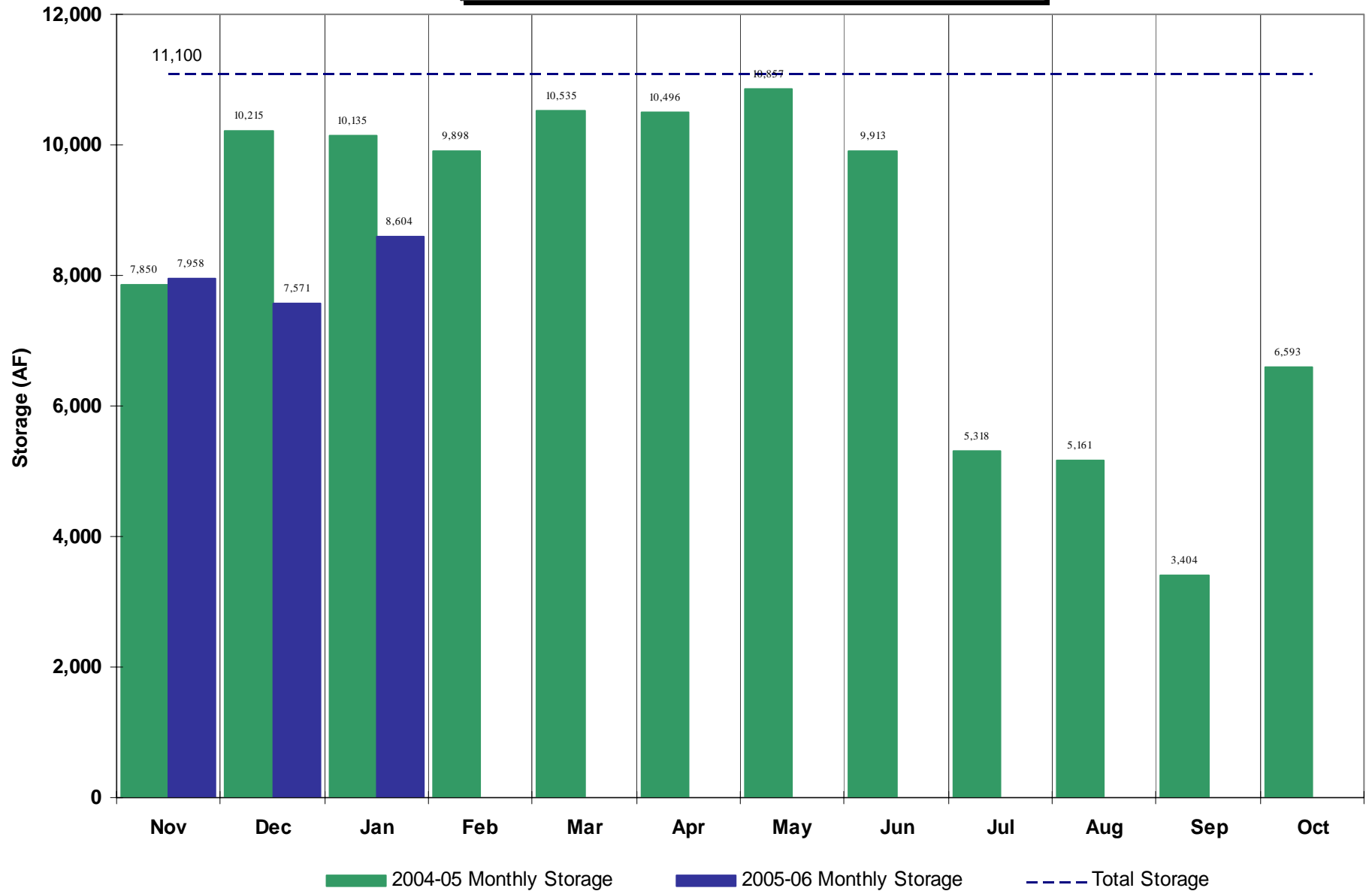


Cobb Lake

(Agricultural)

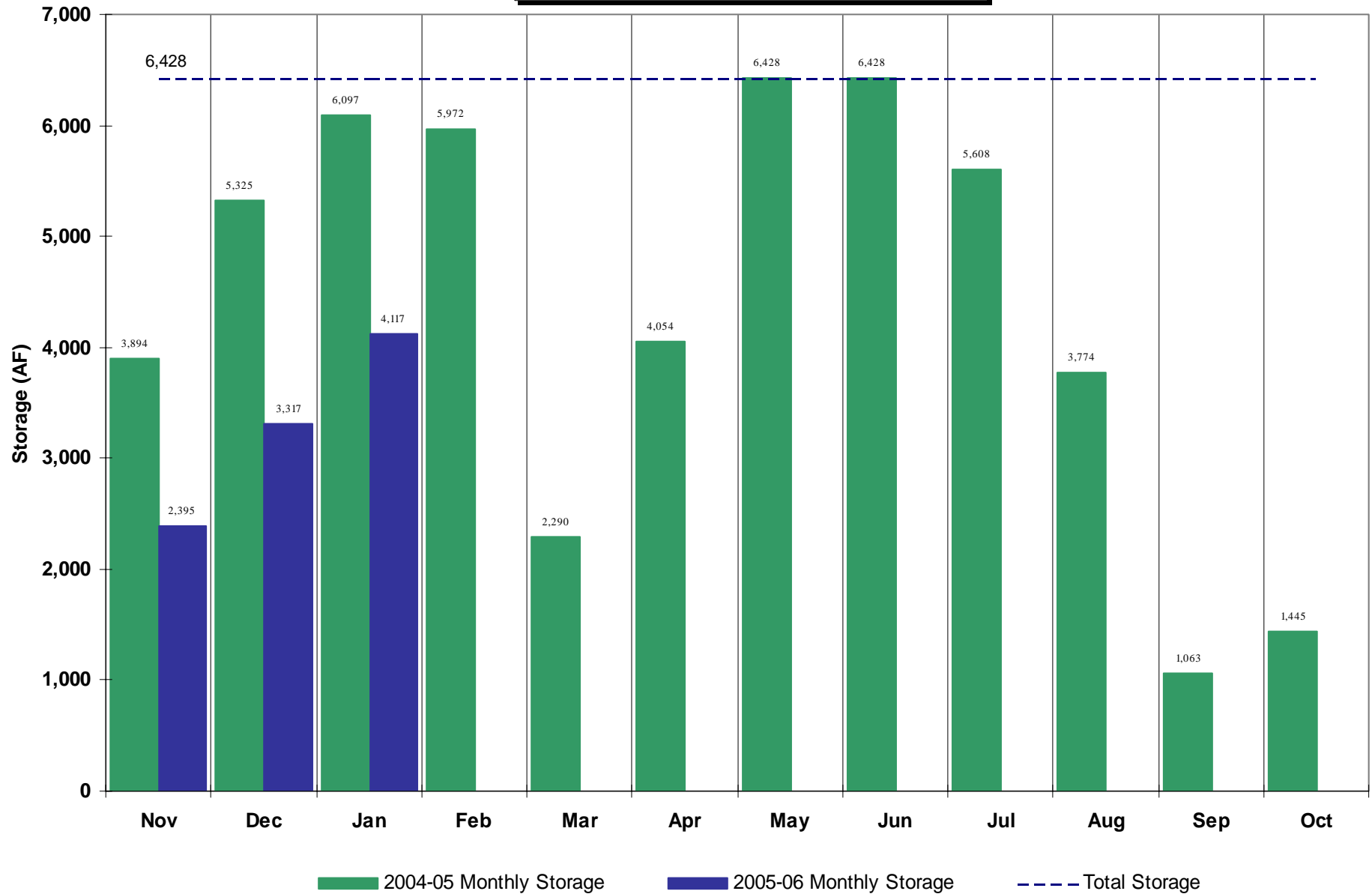


Fossil Creek Reservoir (Agricultural)

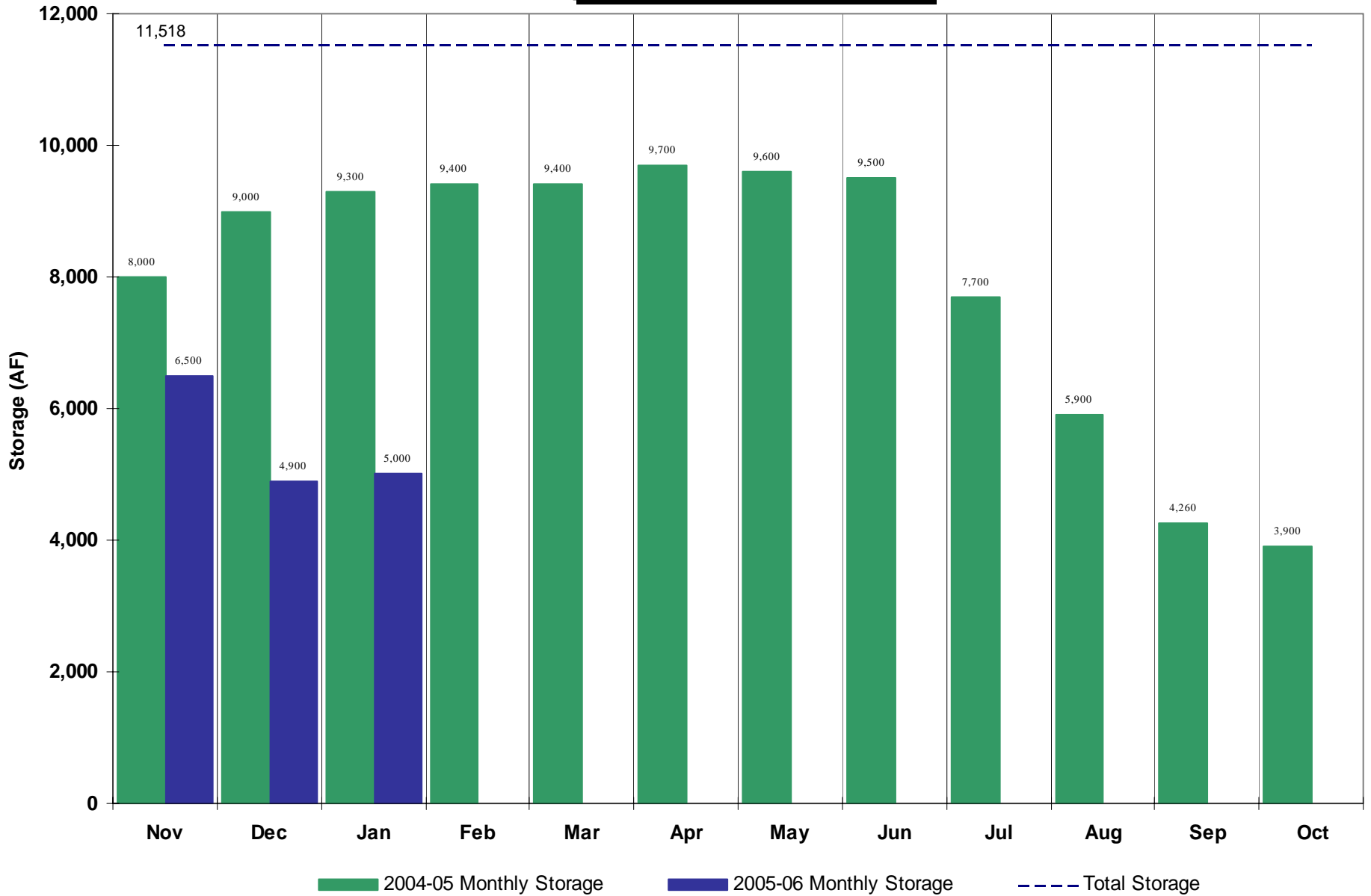


Halligan Reservoir

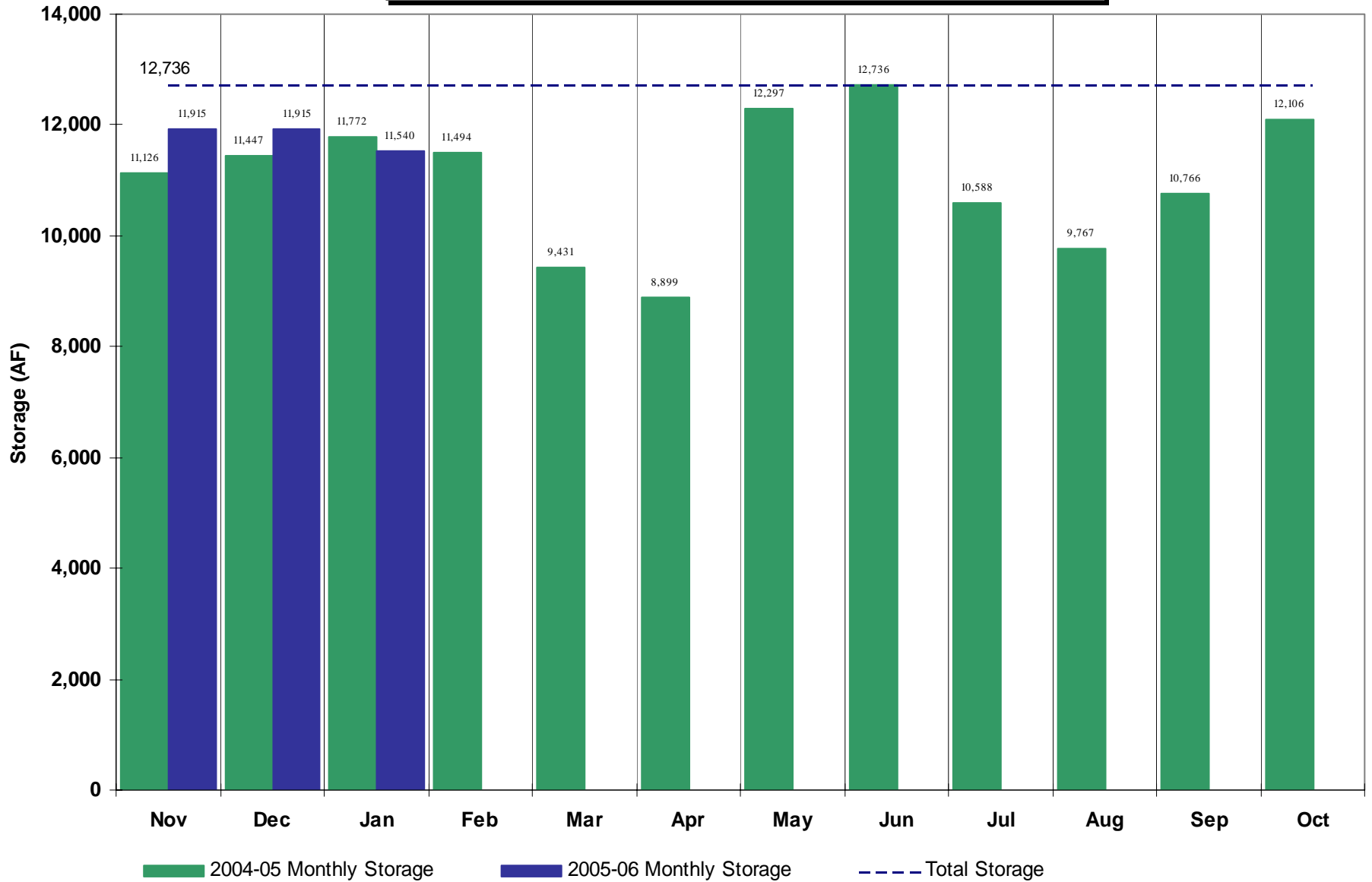
(Agricultural)



Marshall Lake (Agricultural)

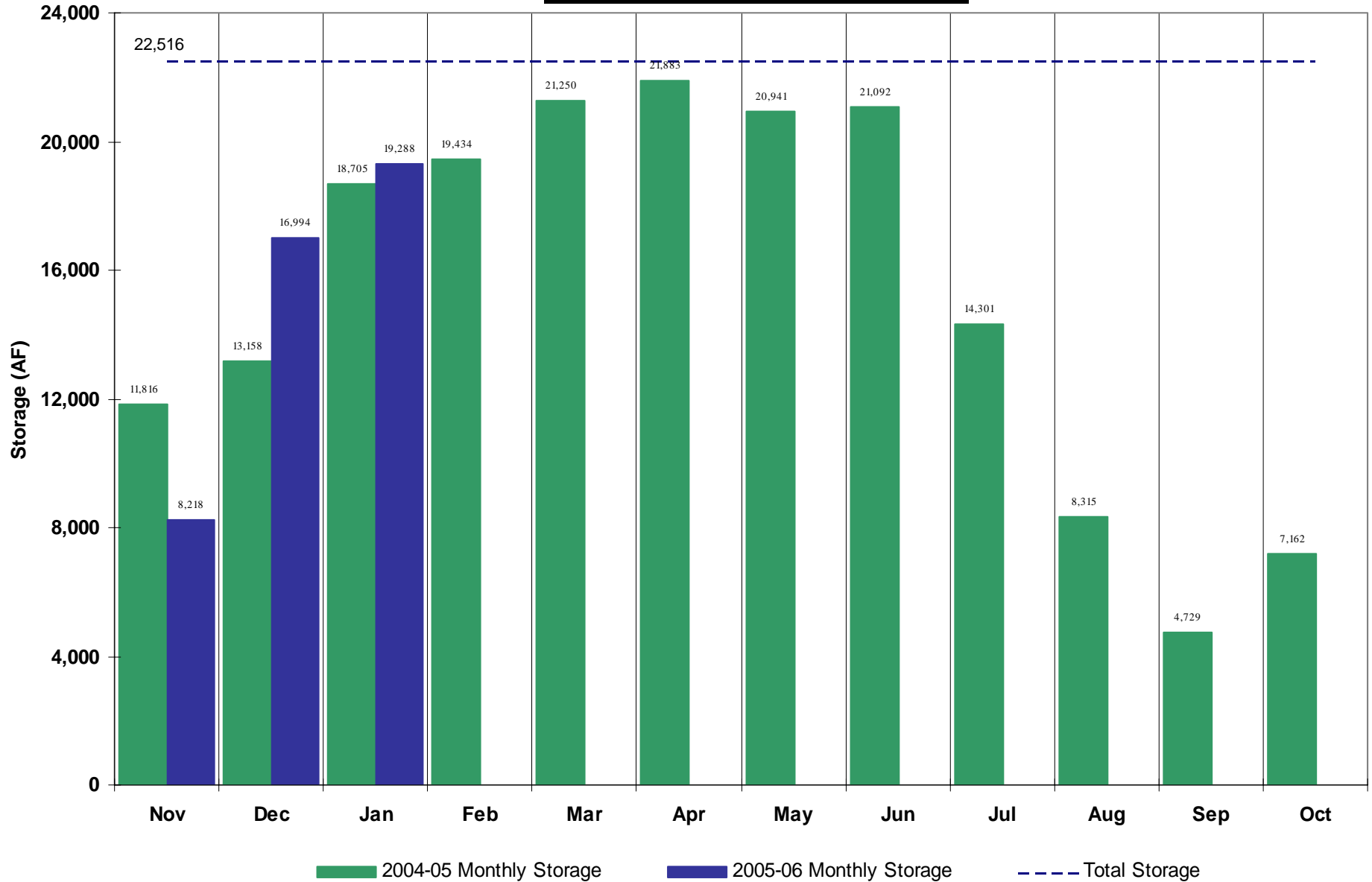


Loveland Greeley Reservoir (Agricultural)

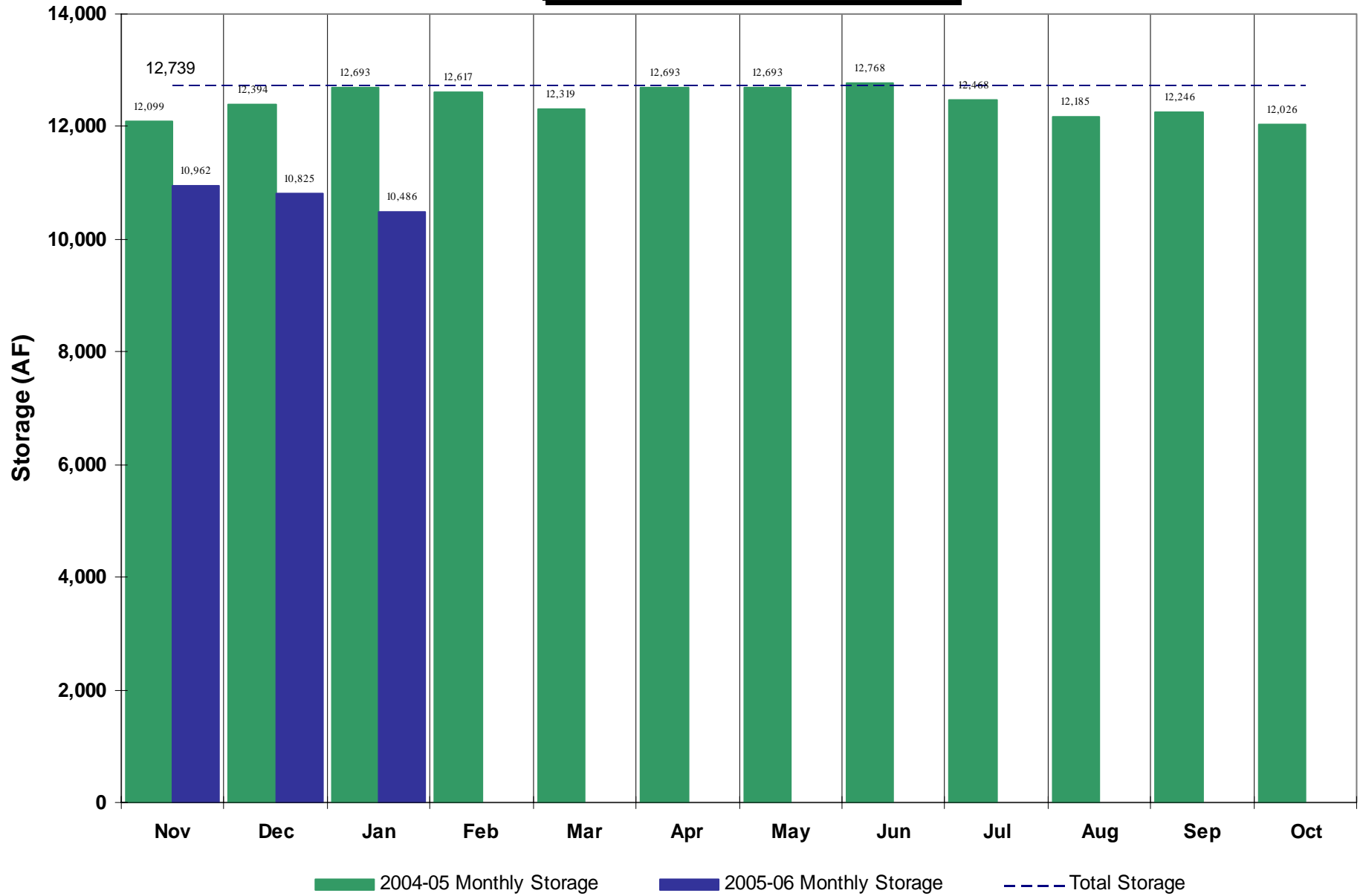


Milton Reservoir

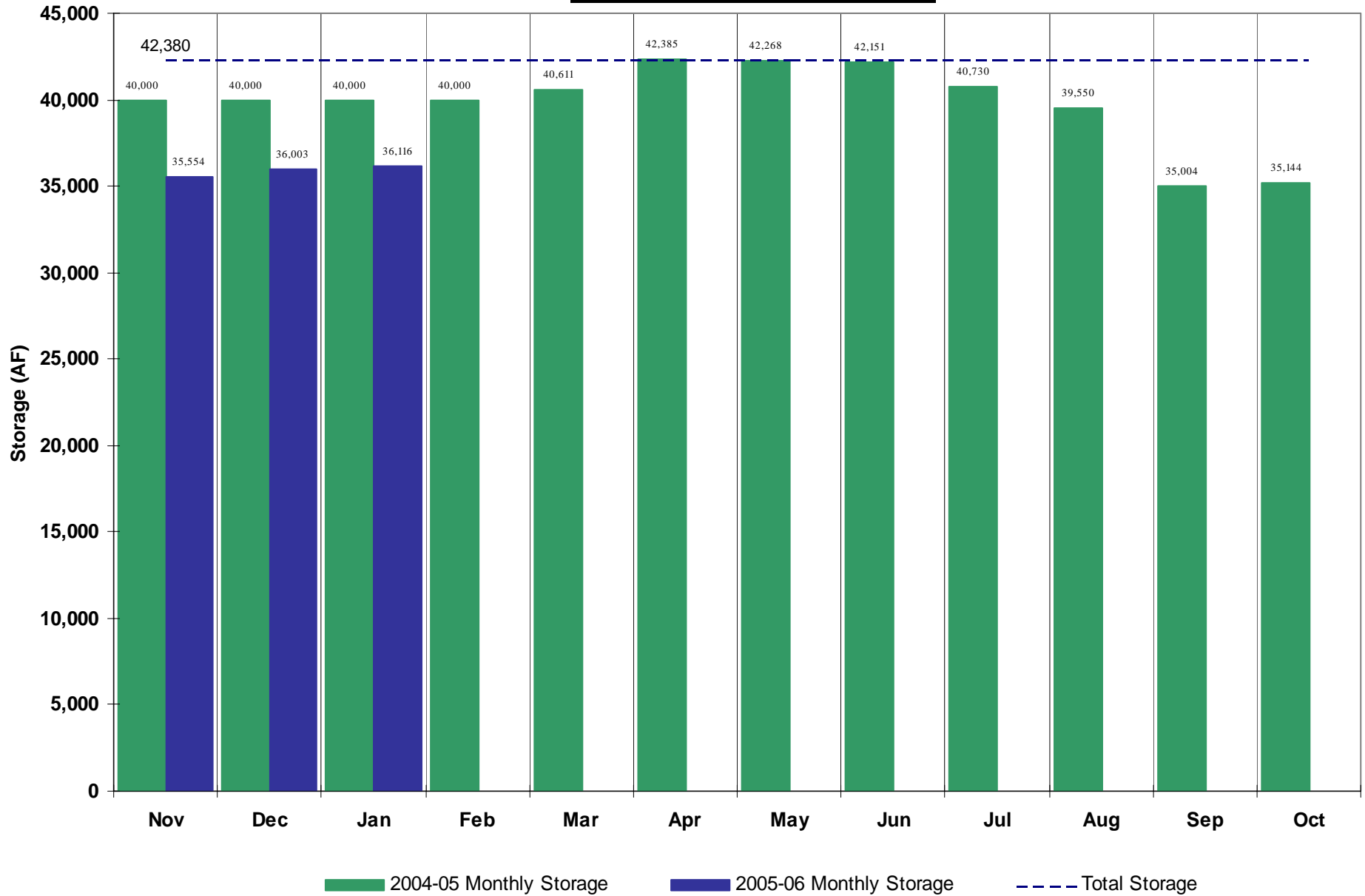
(Agricultural)



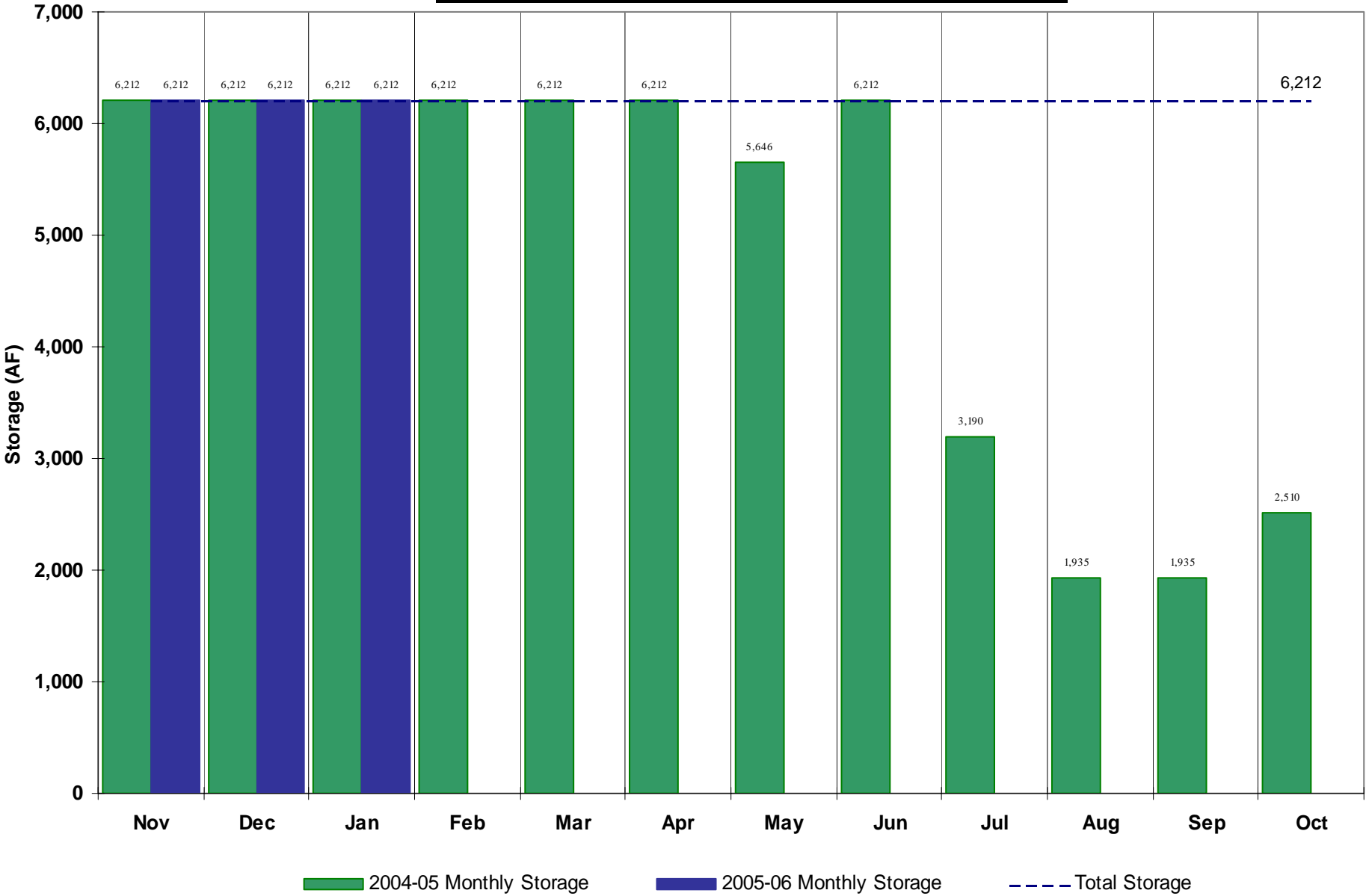
Union Reservoir (Agricultural)



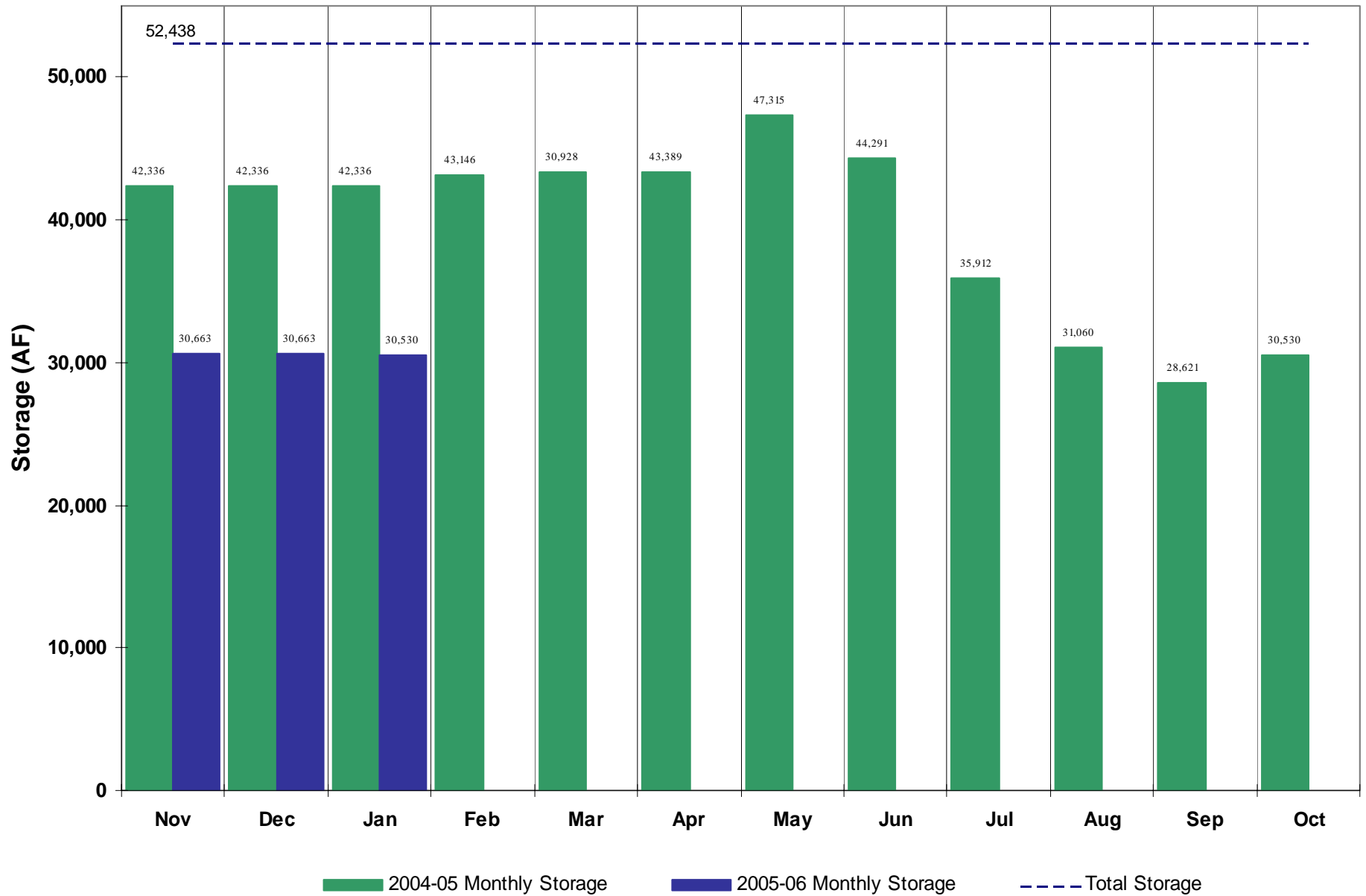
Standley Lake (Agricultural)



Lower Latham Reservoir (Agricultural)

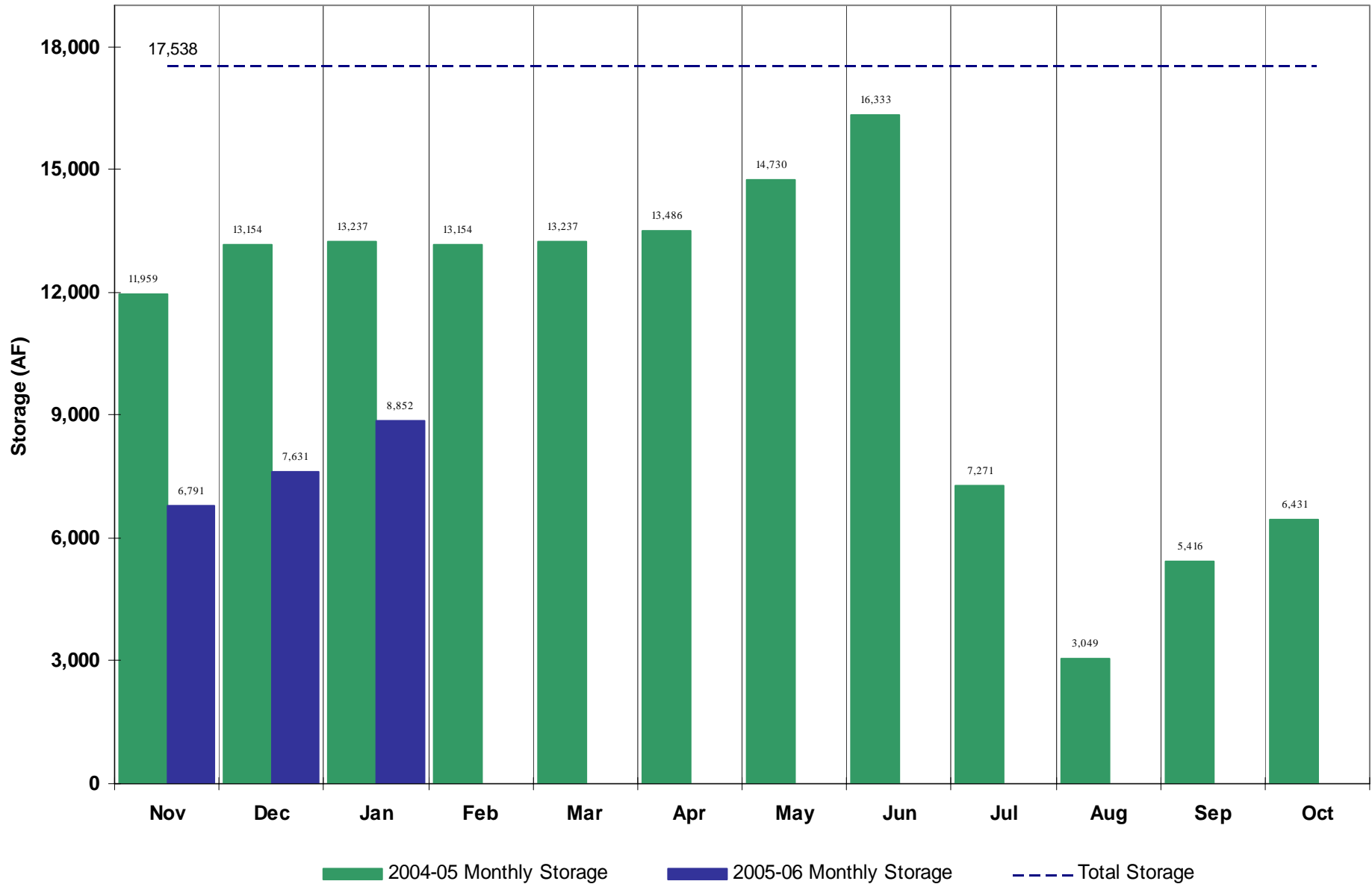


Boyd Lake (Agricultural)



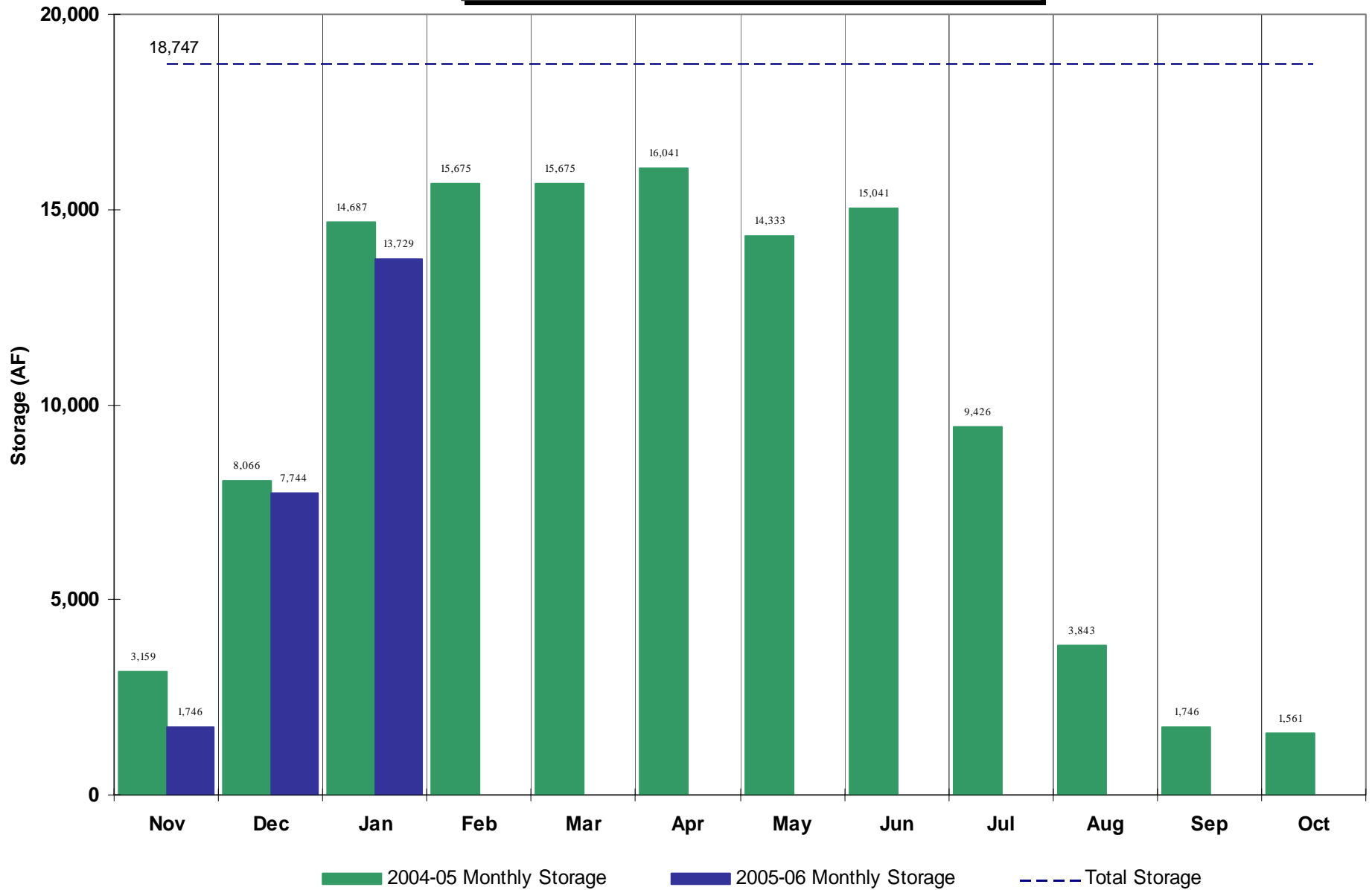
Windsor Reservoir

(Agricultural)

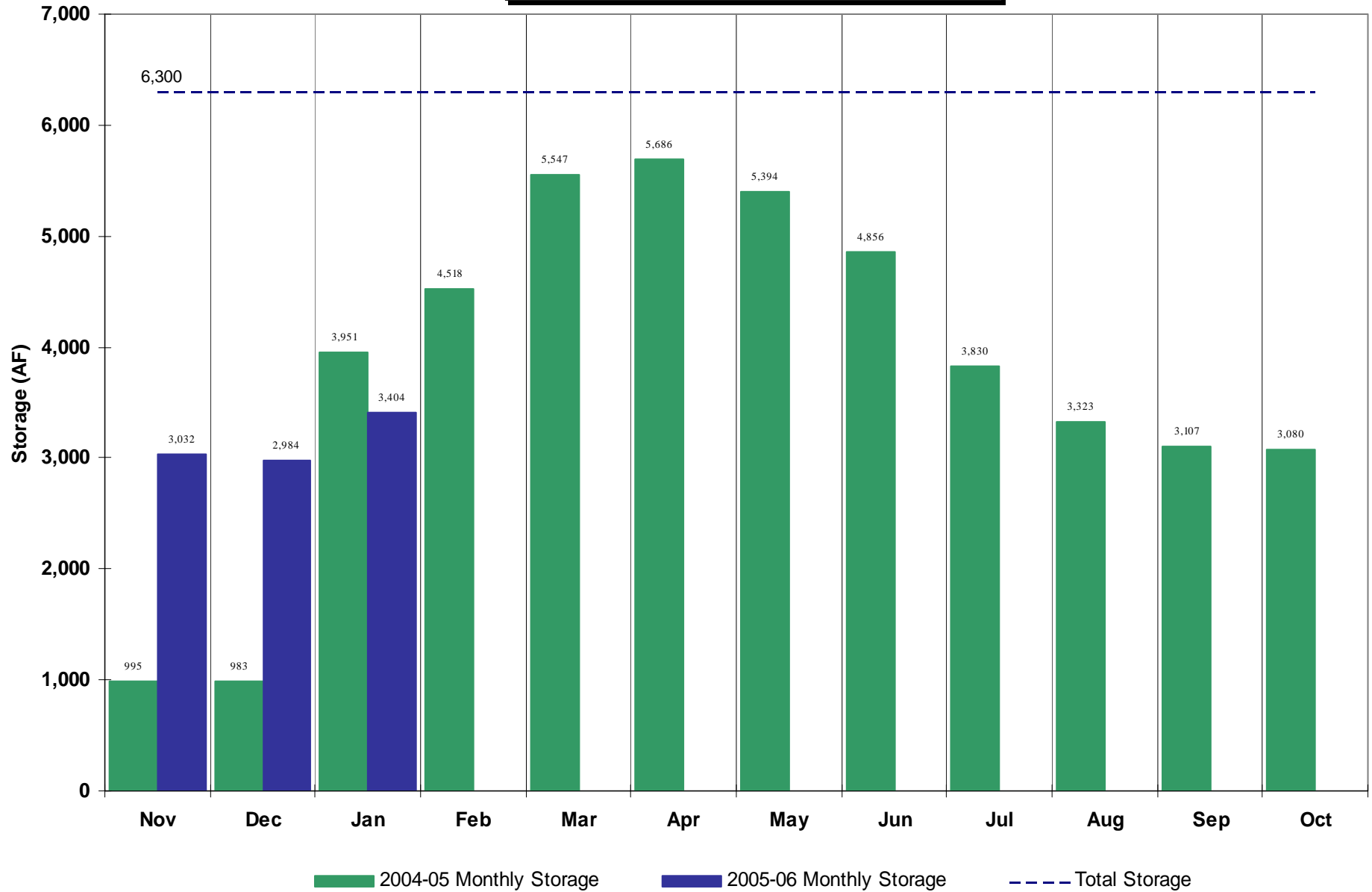


Horse Creek Reservoir

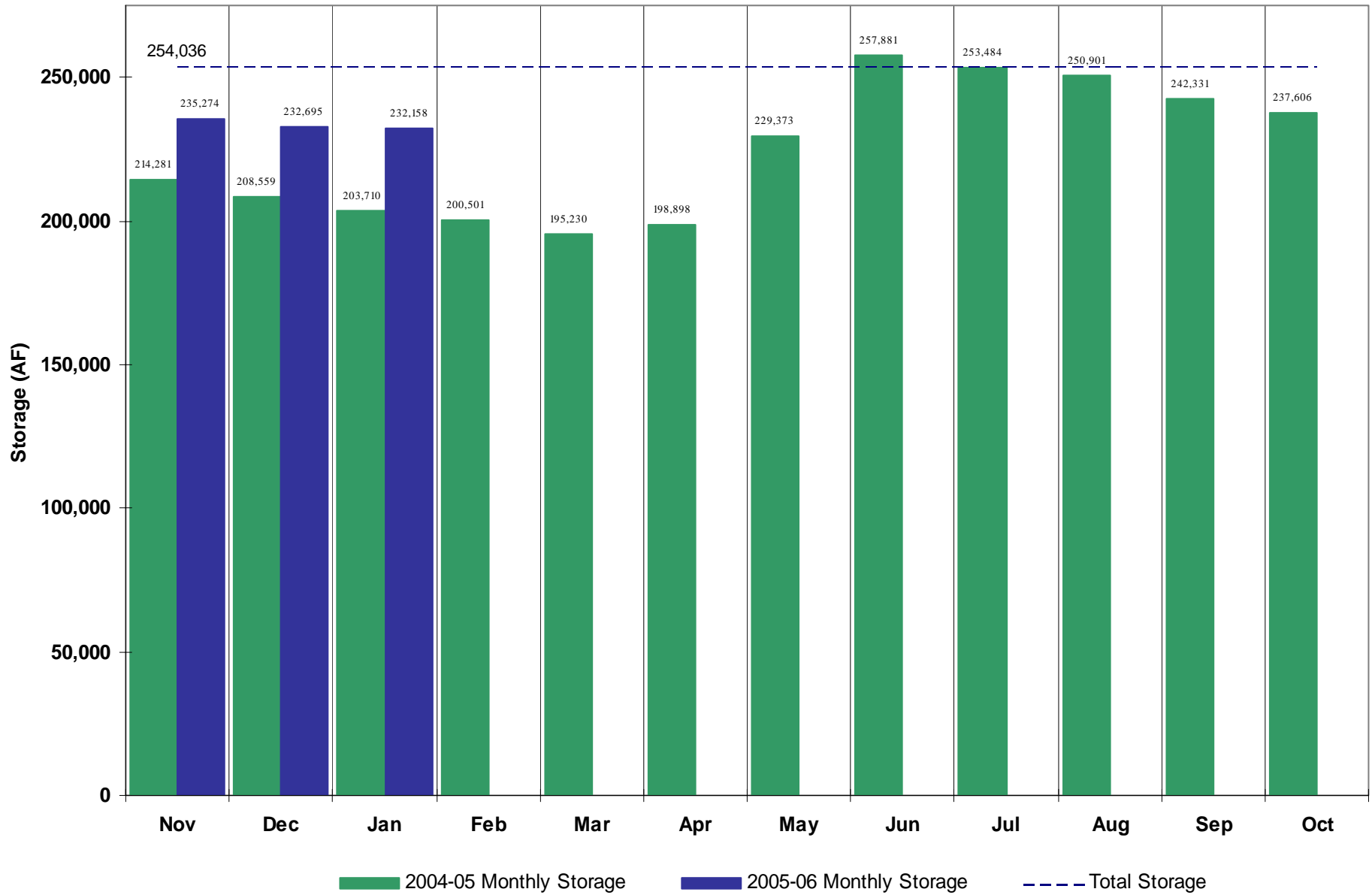
(Agricultural)



Prospect Reservoir (Agricultural)

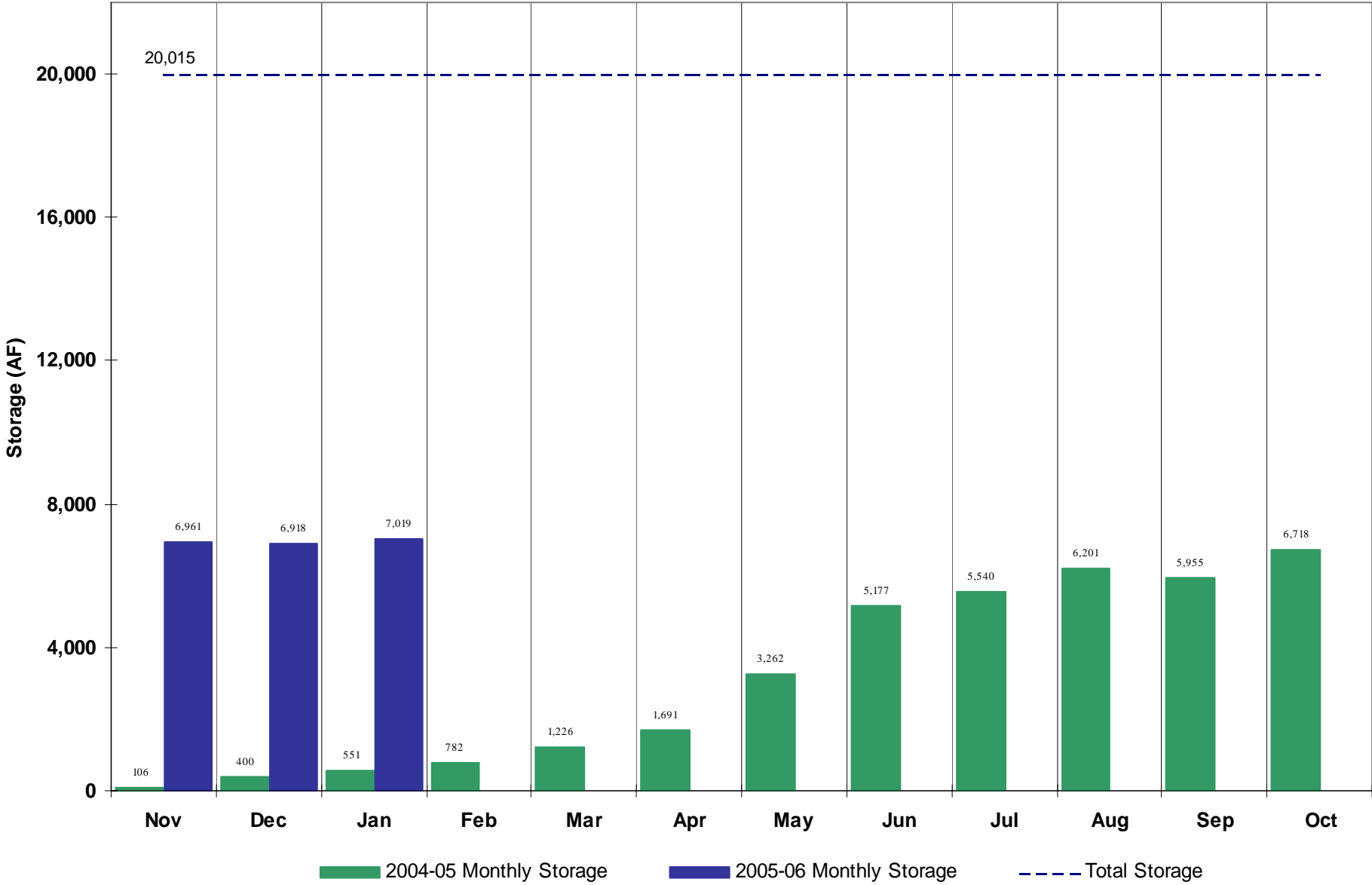


Dillon Reservoir (Municipal)



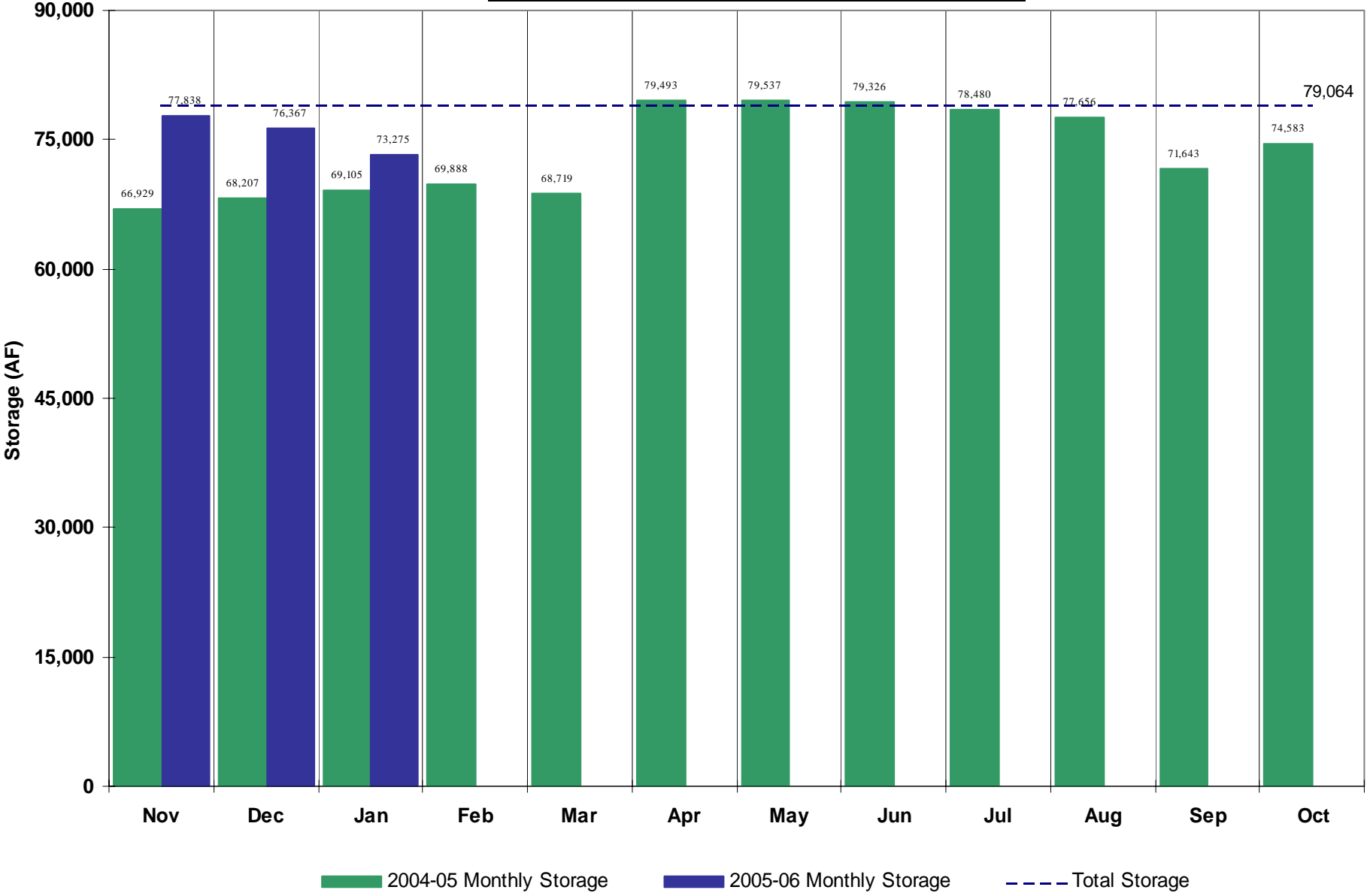
Antero Reservoir

(Municipal)

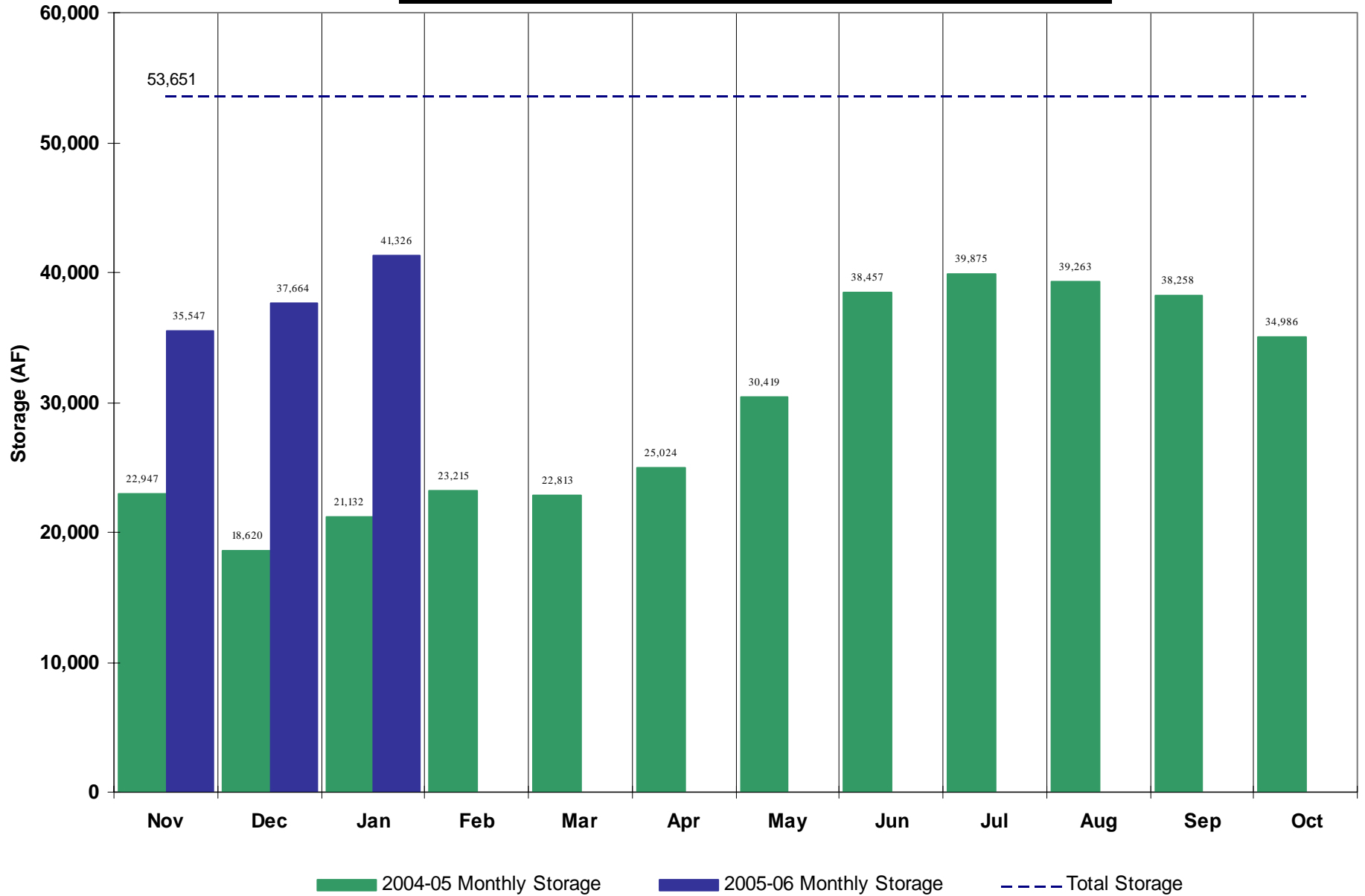


Cheesman Reservoir

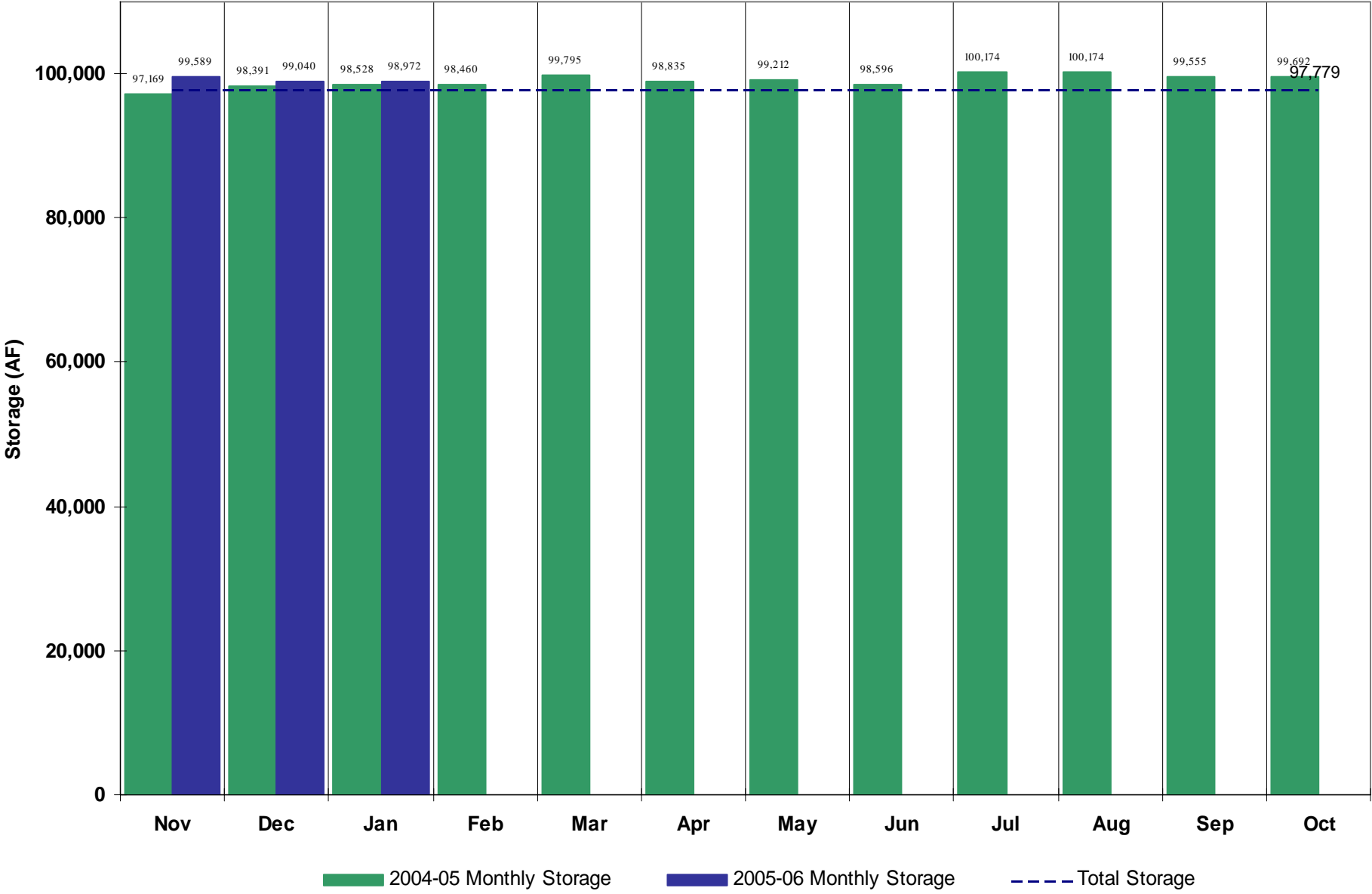
(Municipal)



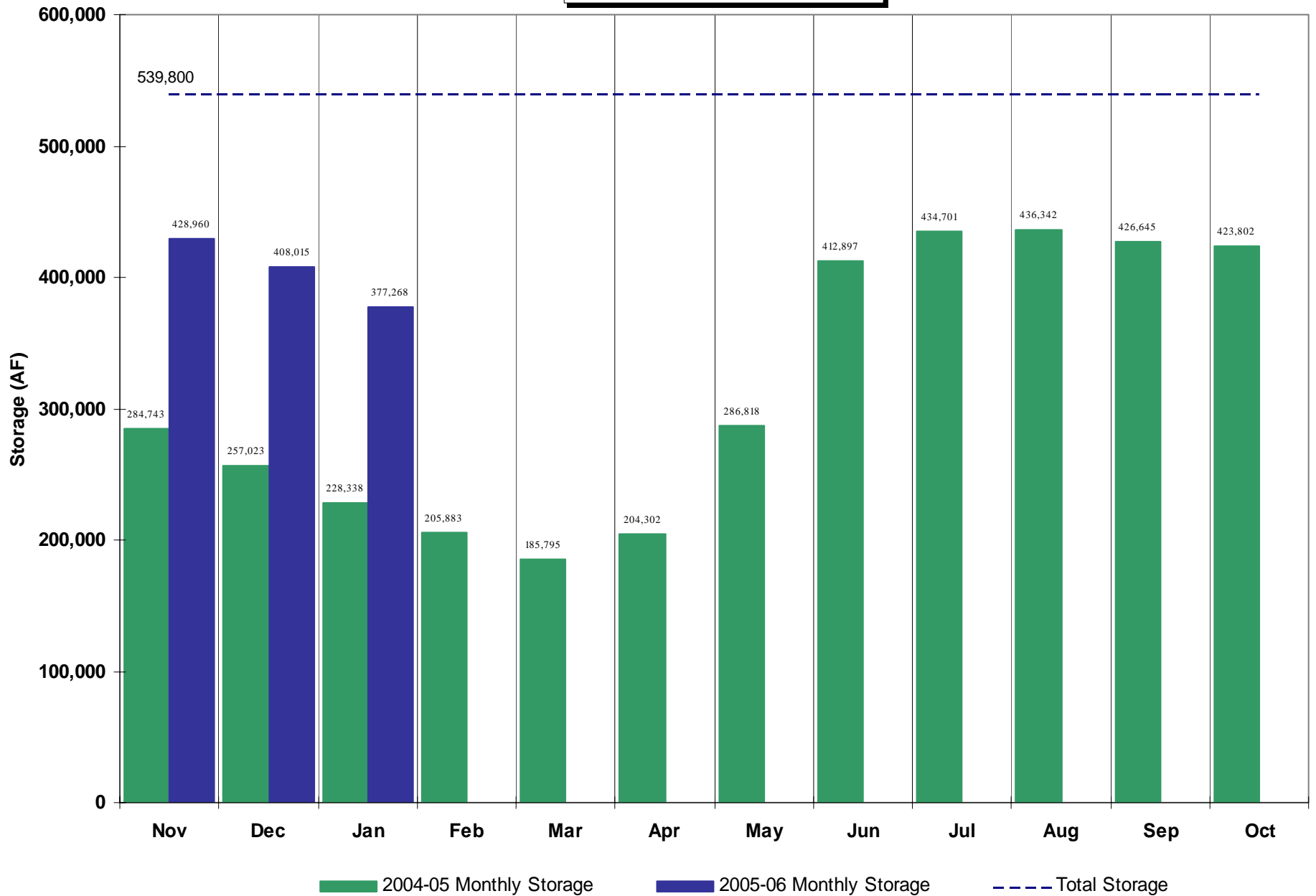
Spinney Mountain Reservoir (Municipal)



Eleven Mile Reservoir (Municipal)



Lake Granby





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

**Snow Survey Class
(Photo courtesy of Jana Ash)**