

South Platte Summary

January 2007



By David Ellington



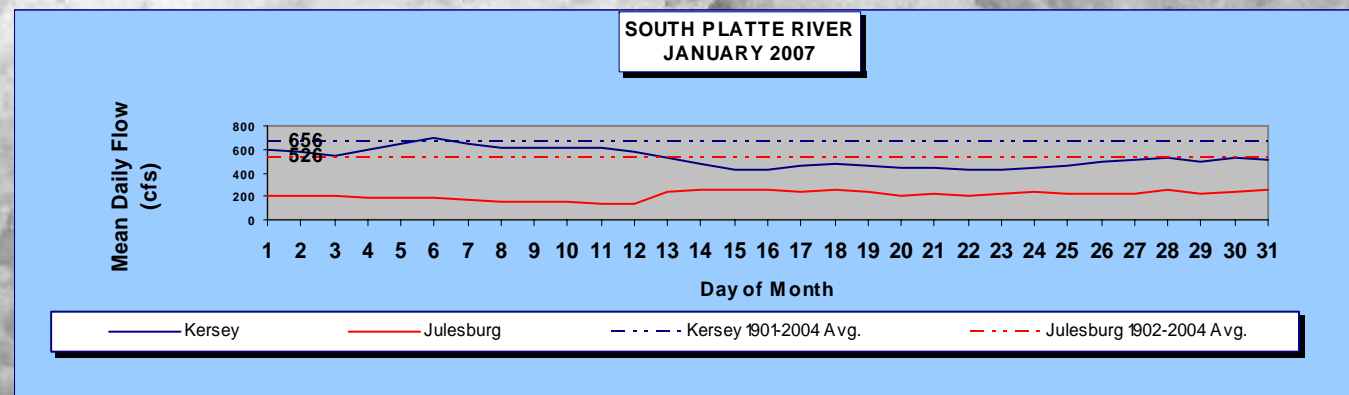
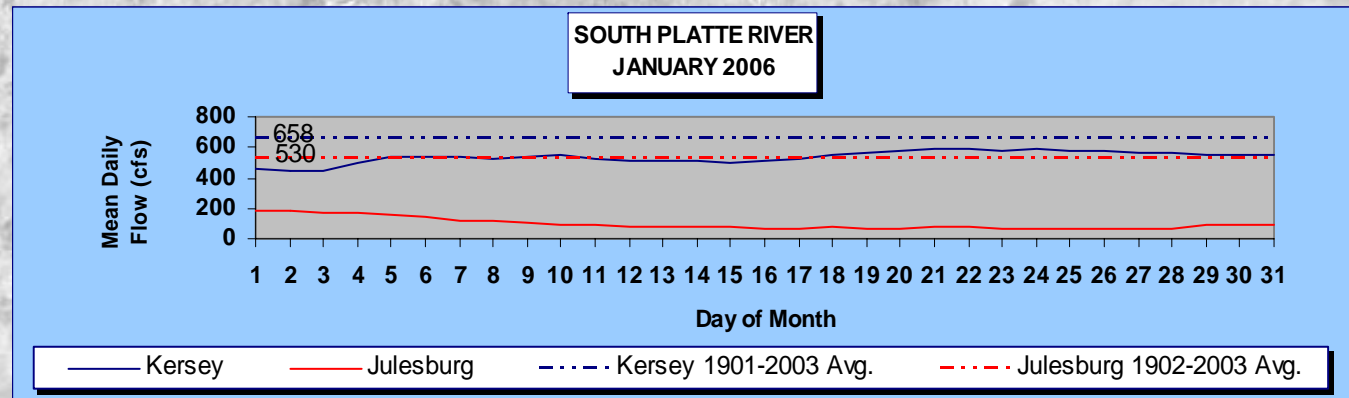
East Portal of Adams Tunnel
(photo by Russell Stroud)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

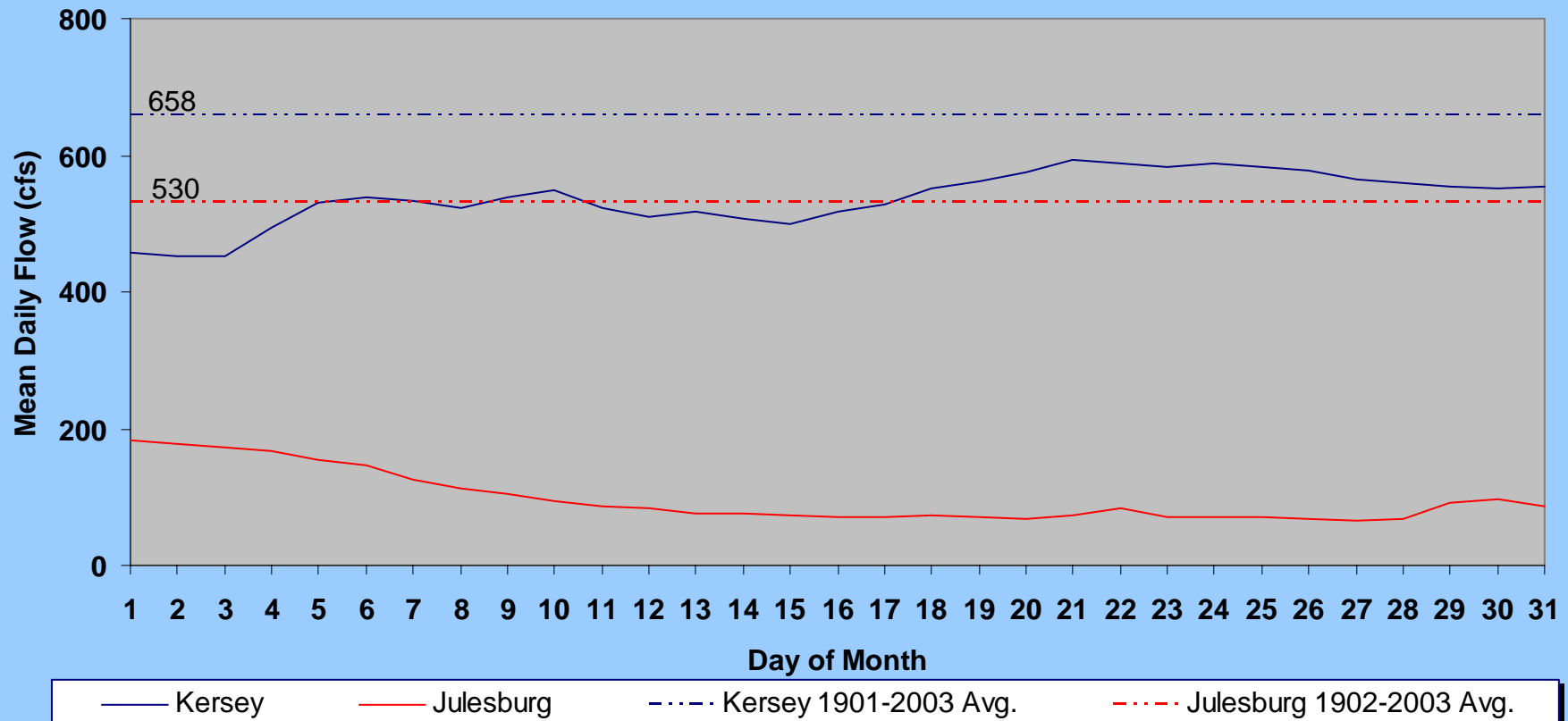
MONTH OF January 2007

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	19,547	19,796	64	249	1%	87%	83%	0
N STERLING	73,730	27,890	34,870	64	6,980	25%	47%	73%	0
PREWITT	28,500	4,698	10,100	64	5,402	115%	35%	90%	0
JACKSON	27,257	14,865	20,578	1	5,713	38%	75%	87%	0
EMPIRE	37,700	13,909	14,323	1	414	3%	38%	58%	0
RIVERSIDE	63,113	42,742	44,229	1	1,487	3%	70%	80%	0
BARR LAKE	31,652	22,759	23,090	2	331	1%	73%	82%	0
CHEESMAN	79,064	69,330	72,660	80	3,330	5%	92%	93%	0
ELEVEN MILE	97,779	100,623	99,761	23	-862	-1%	100%	100%	1,982
SPINNEY	53,651	39,061	36,498	23	-2,563	-7%	68%	77%	0
ANTERO	20,015	16,857	17,202	23	345	2%	86%	35%	0

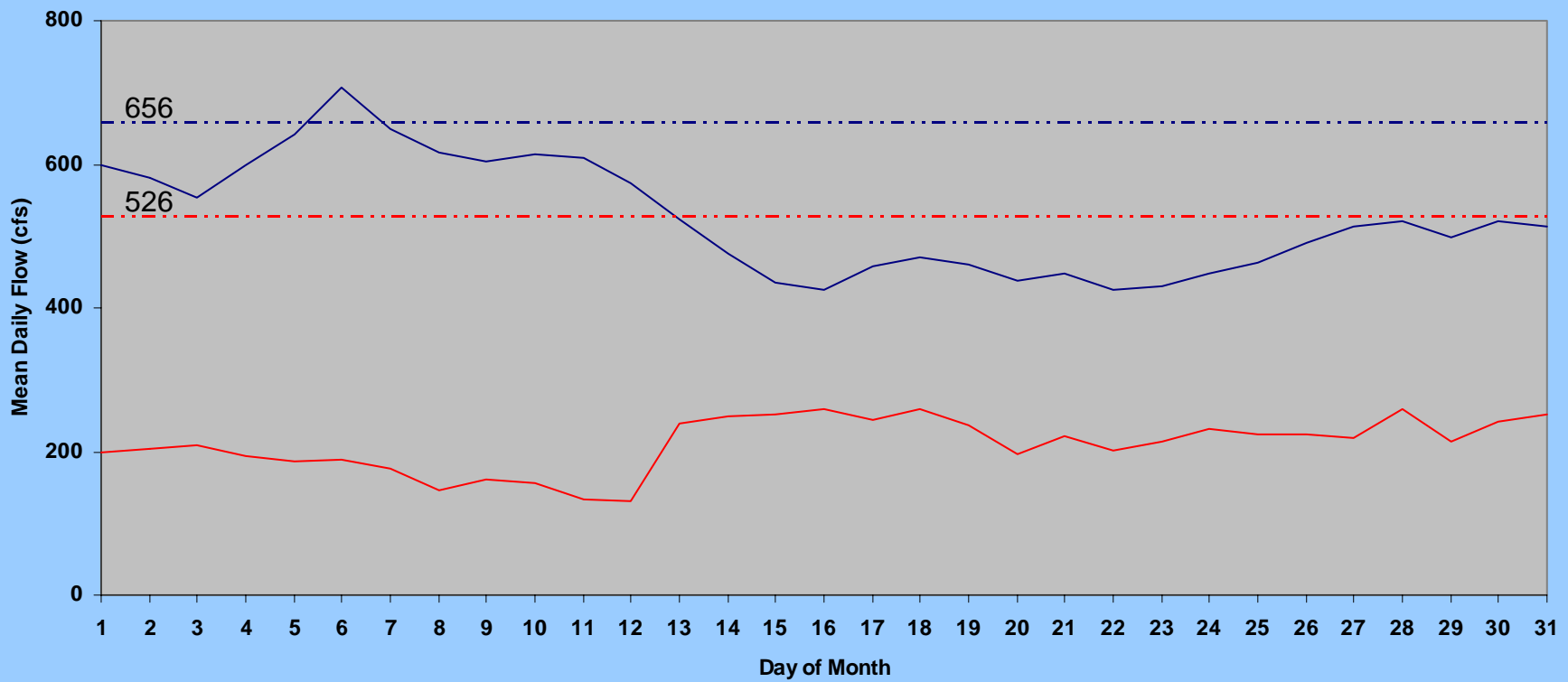
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	526
JULESBURG	210
THIS MONTH LAST YEAR	
KERSEY	537
JULESBURG	98
MEAN FOR PERIOD OF RECORD*	
KERSEY	656
JULESBURG	526
* 1901-2004	
1902-2004	



SOUTH PLATTE RIVER JANUARY 2006

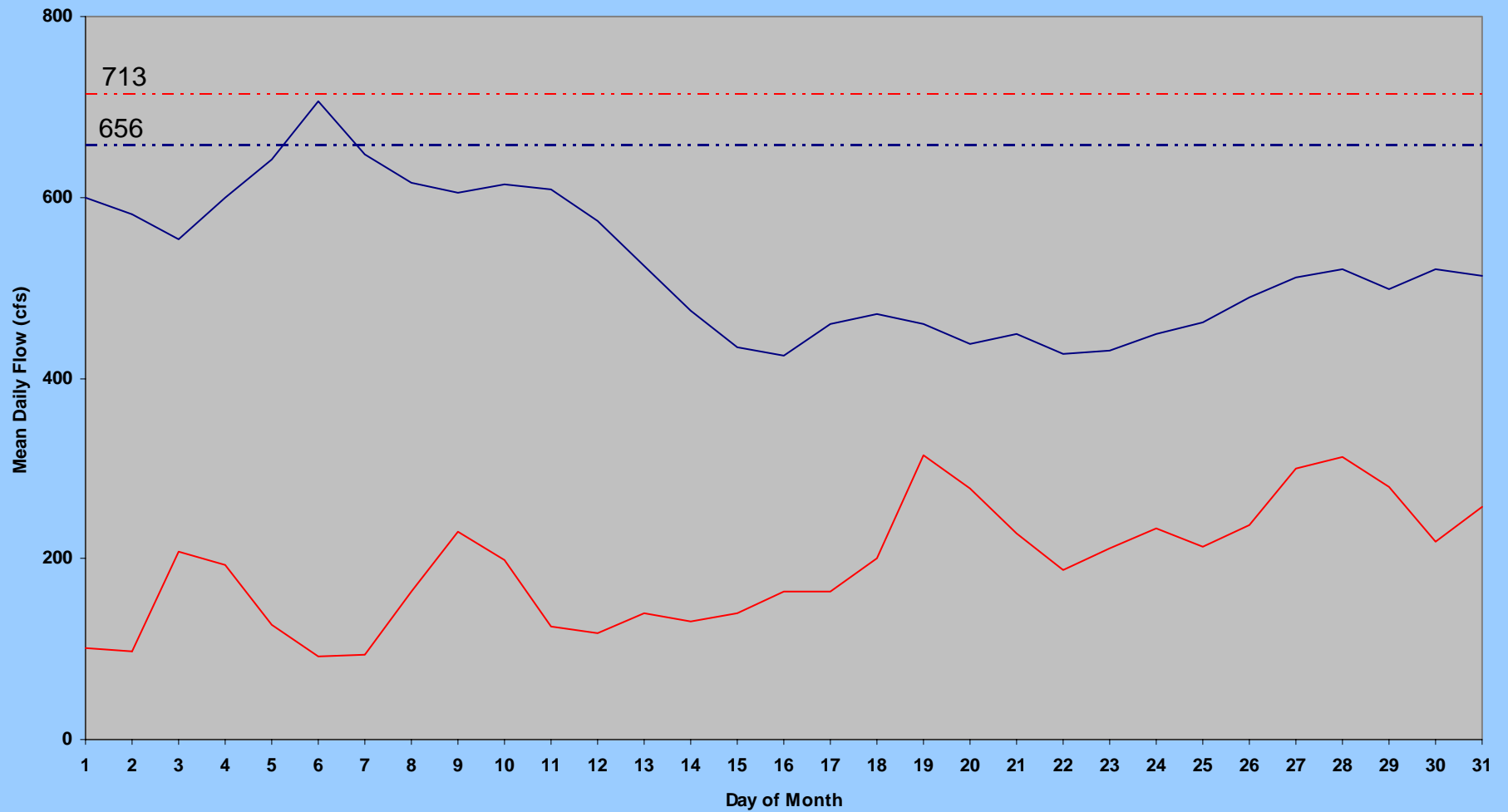


SOUTH PLATTE RIVER JANUARY 2007



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

KERSEY and BALZAC JANUARY 2007



— Kersey — Balzac - - - Kersey 1901-2004 Avg. - . - . Balzac 1980-2004 Avg.



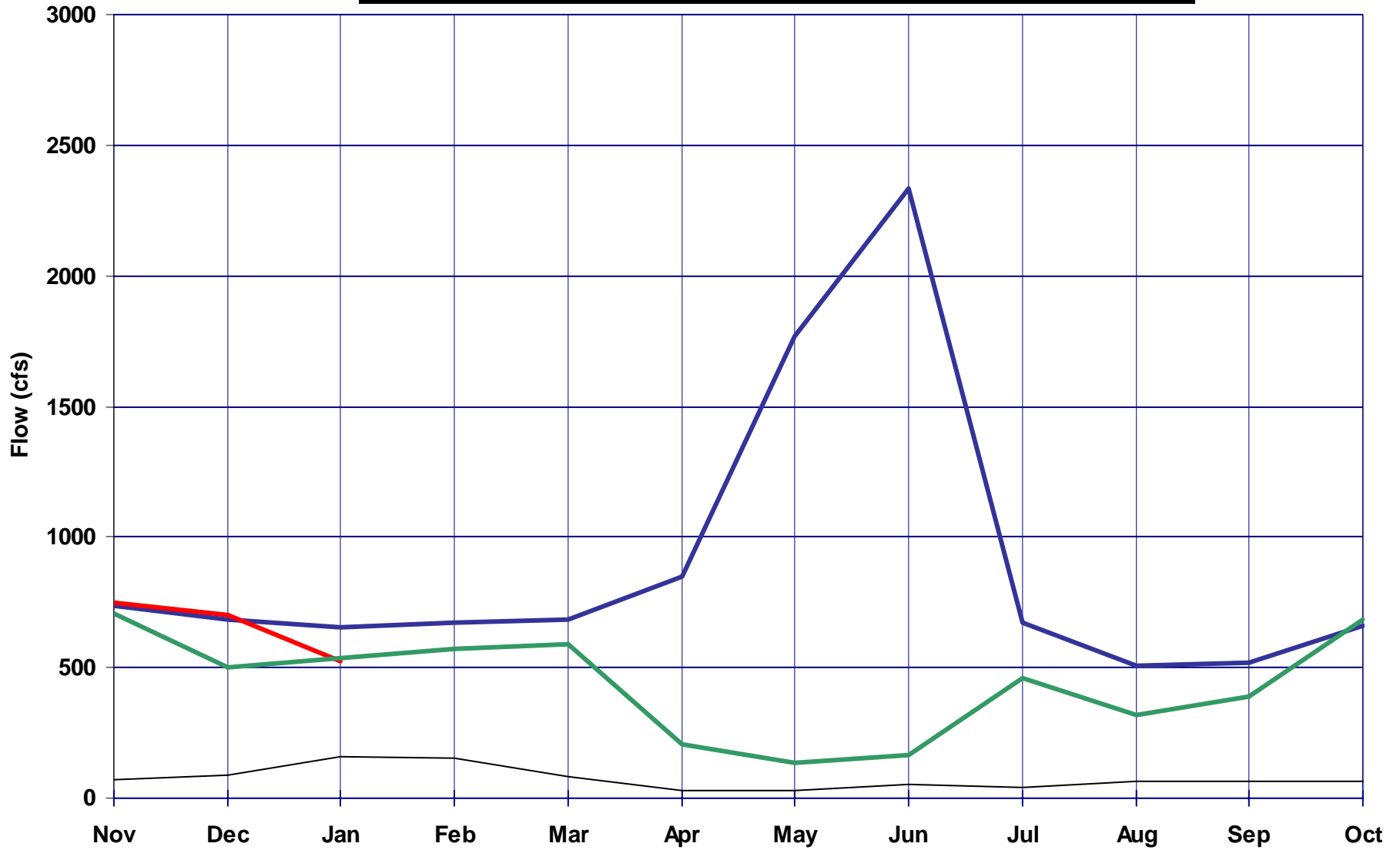
South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2007 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2007 Mean Monthly Flow
Nov	737	3650	1984	70	1934	746	Nov	346	2900	1984	4.2	1903	39
Dec	684	1890	1961	91	1934	704	Dec	408	1820	1984	13	2002	63
Jan	656	2160	1974	158	1935	526	Jan	526	2510	1970	21	2003	210
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						

North Fork of the South
Platte at Grant
(Photo by Steve Barrett)

South Platte River at Kersey

Irrigation Water Year



— Historic* Mean Flow
*1901-2004

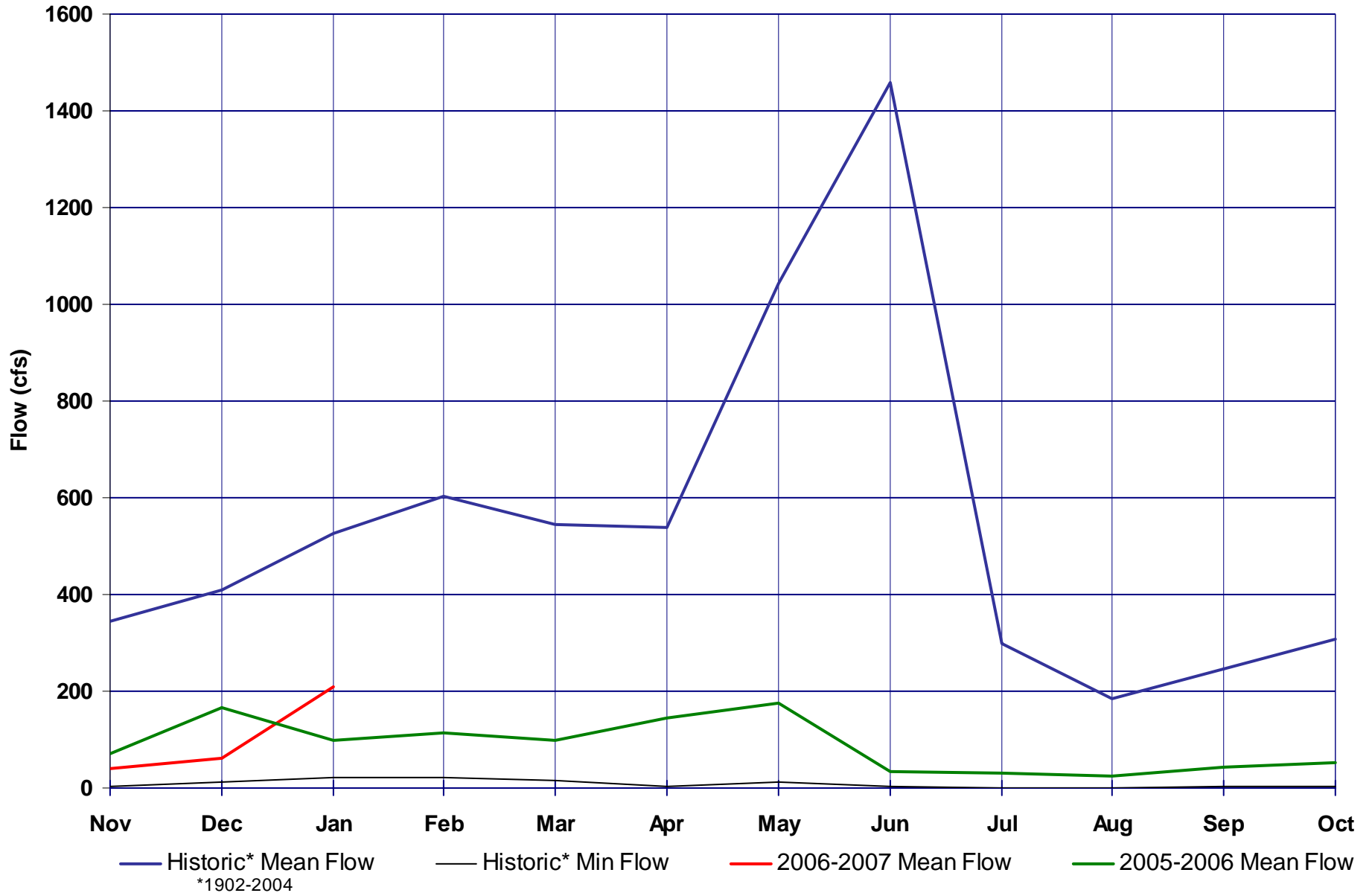
— Historic* Min Flow

— 2006-2007 Mean Flow

— 2005-2006 Mean Flow

South Platte River at Julesburg

Irrigation Water Year



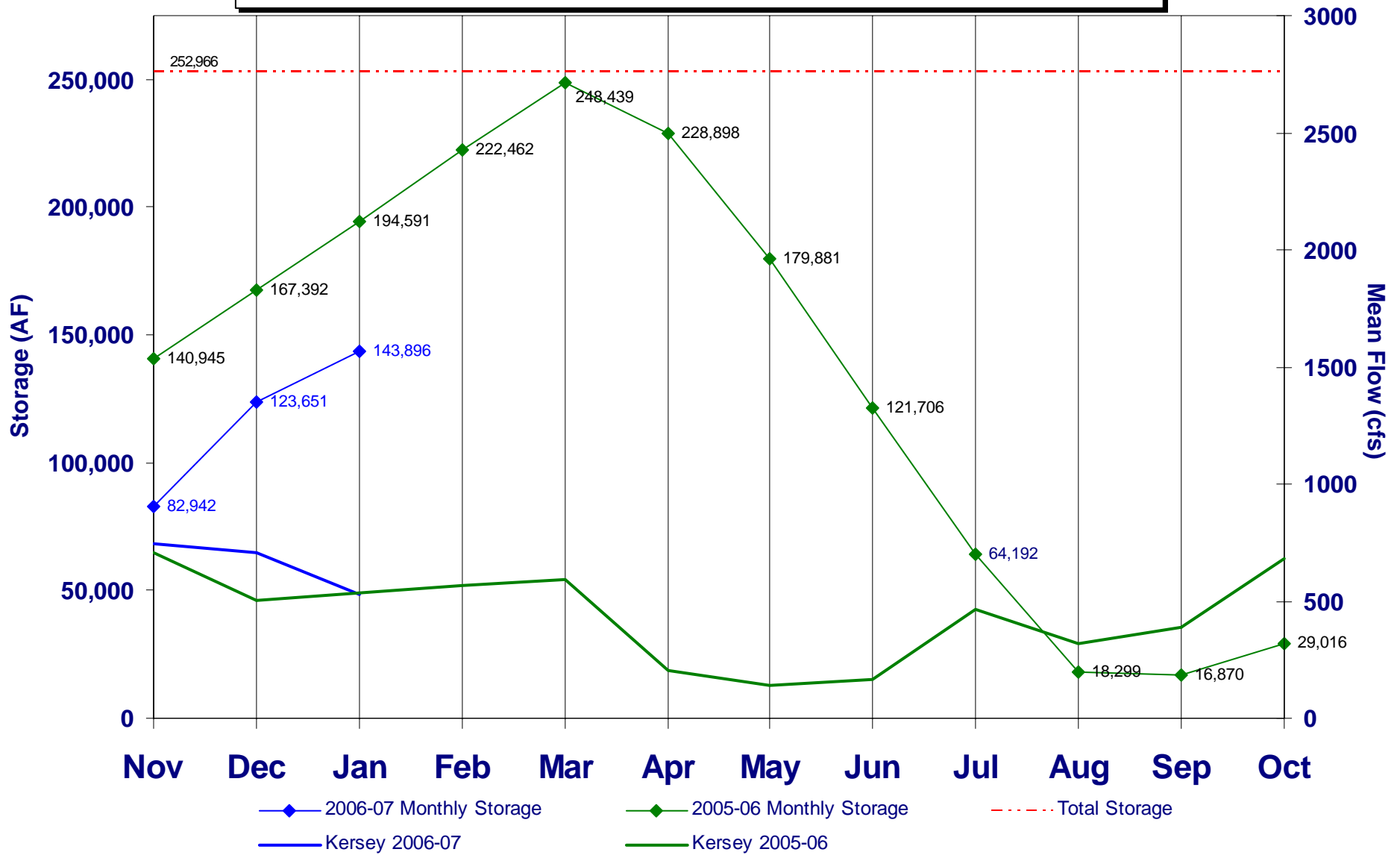
**Next four slides show Reservoir Storage
below and above Kersey**

**South Boulder creek
(Photo by Steve Barret)**



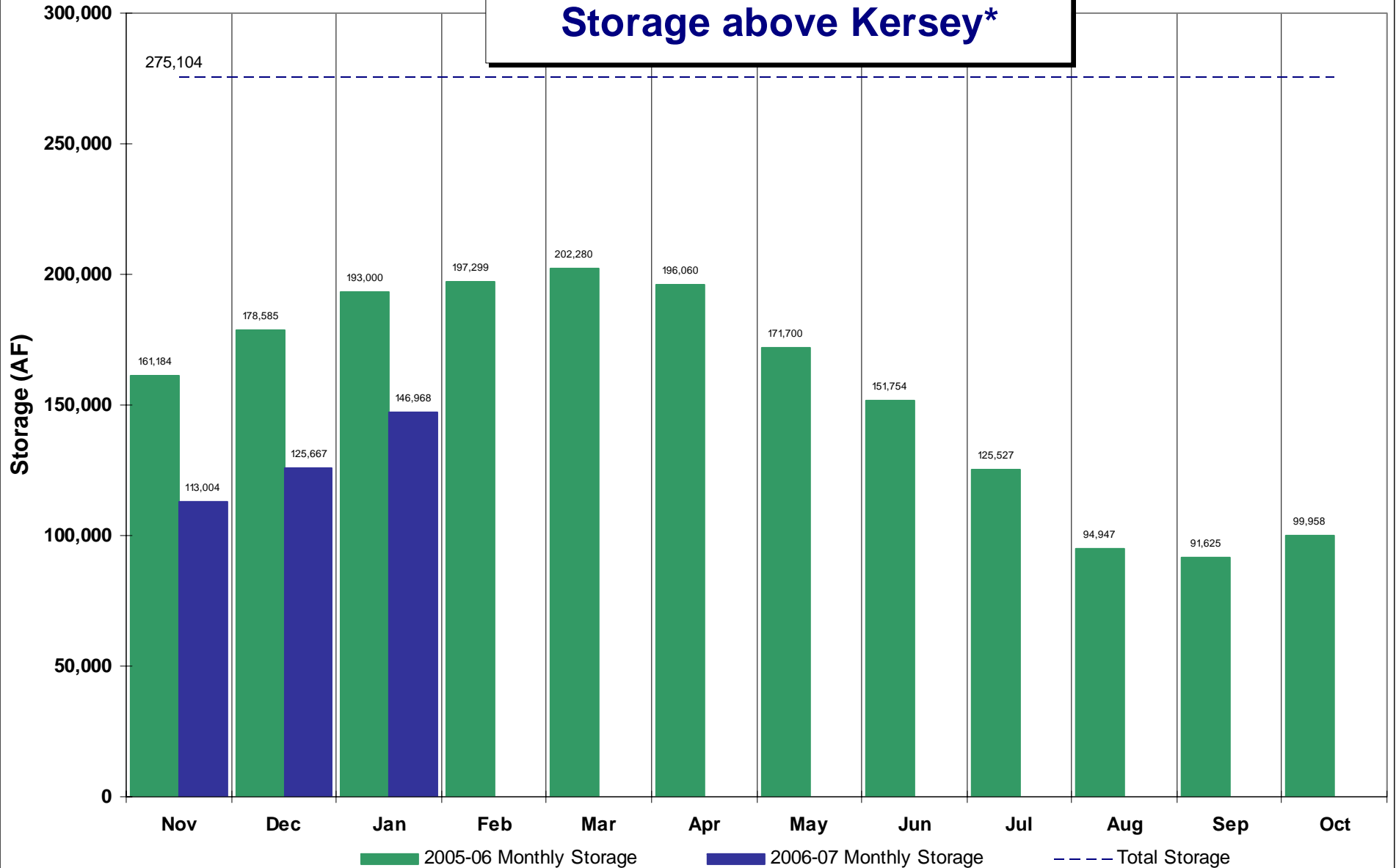
Reservoir Storage below Kersey

Selected Reservoirs*



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

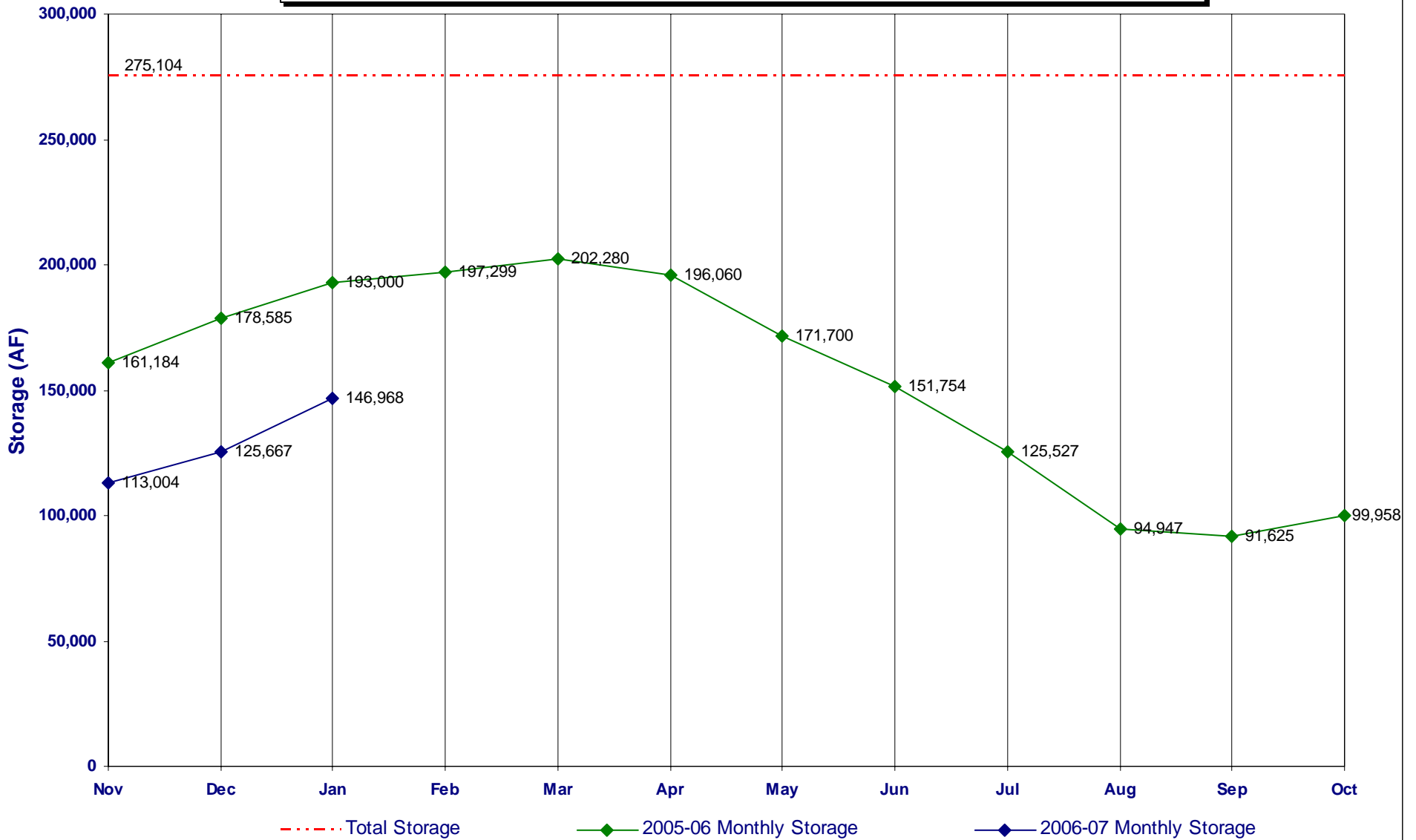
South Platte Reservoirs Storage above Kersey*



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

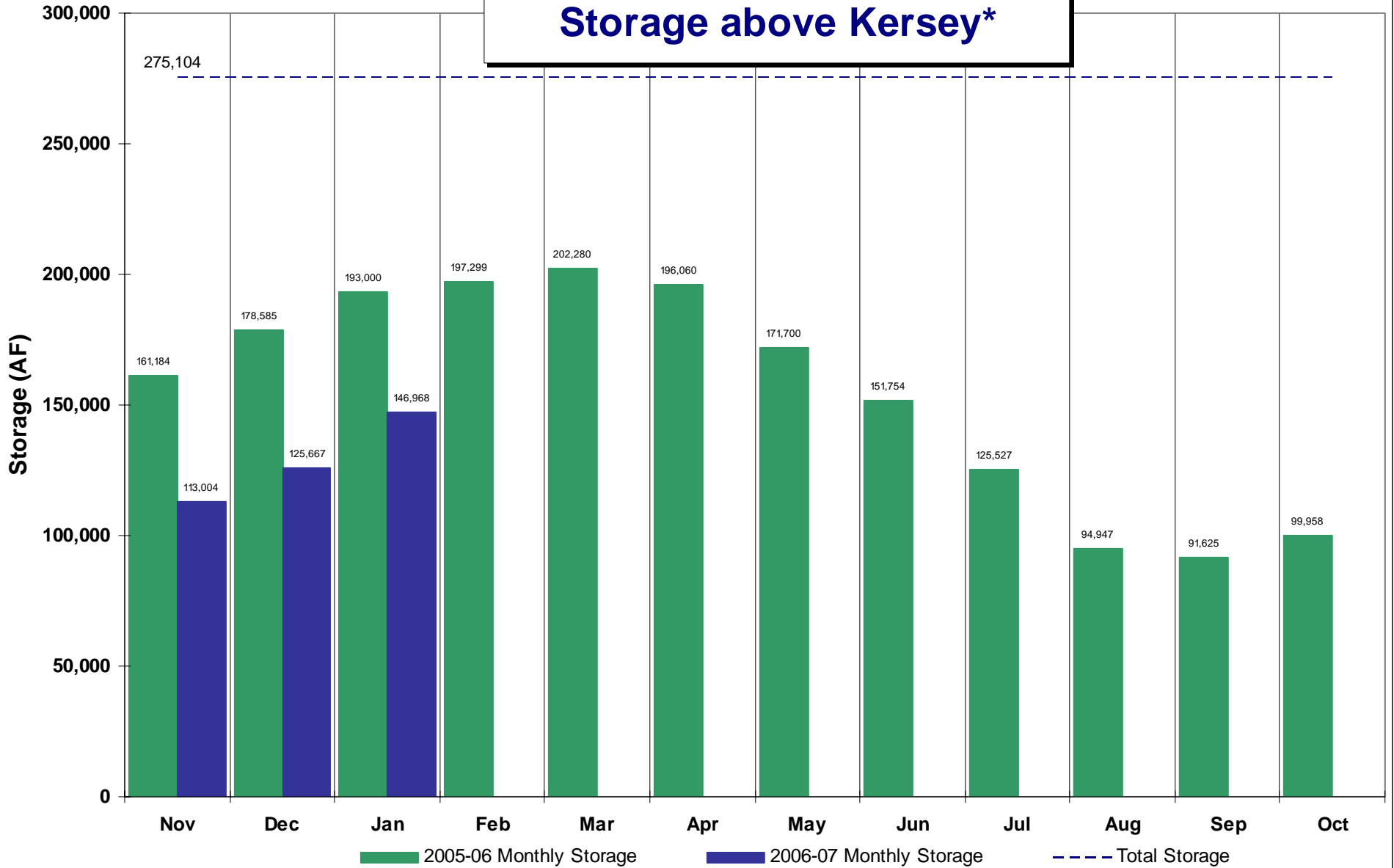
Reservoir Storage above Kersey

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

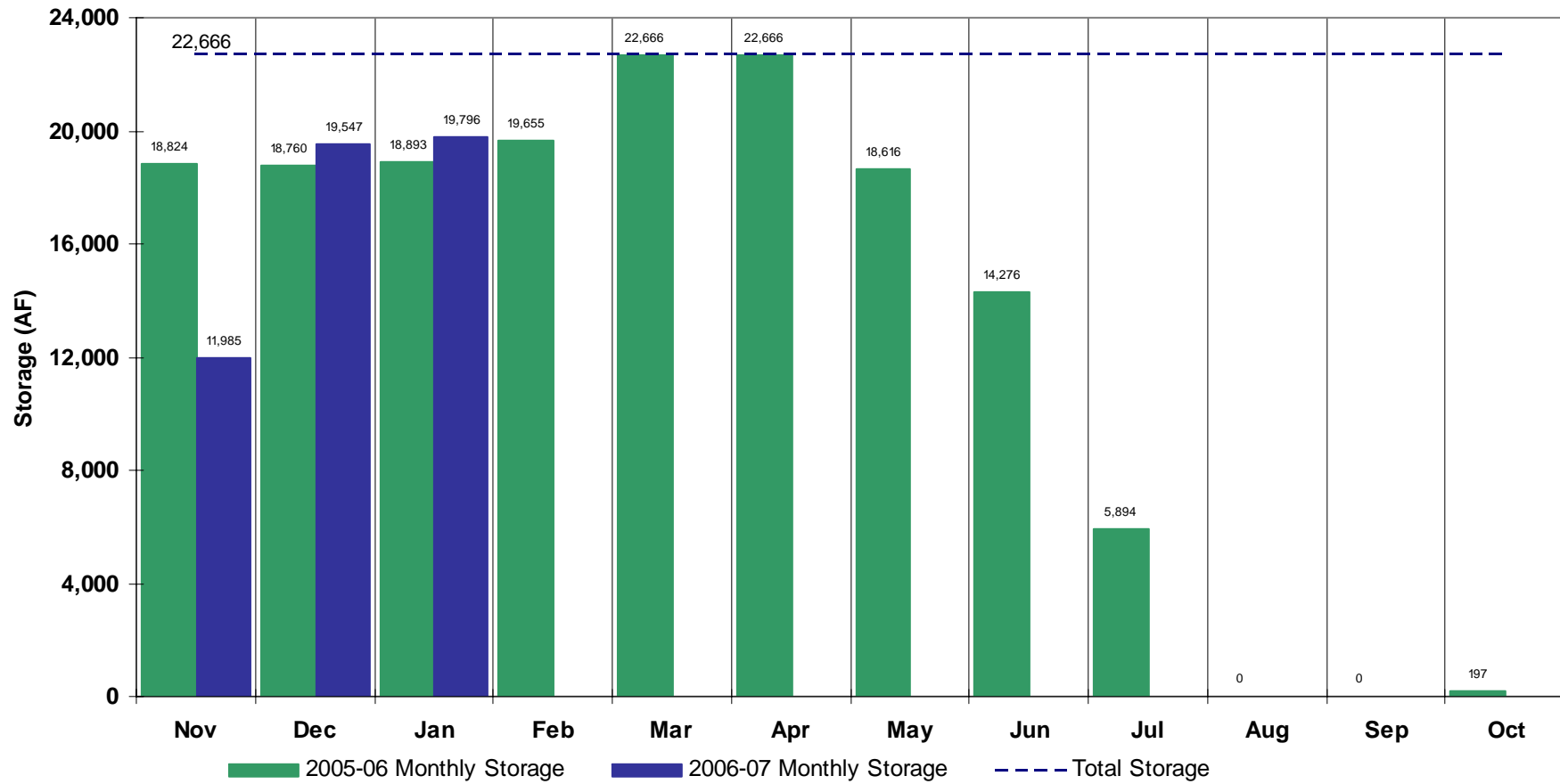
Individual Reservoir Storage Follows



Adams Tunnel Stilling Pool and
Flume
(photo by Russell Stroud)

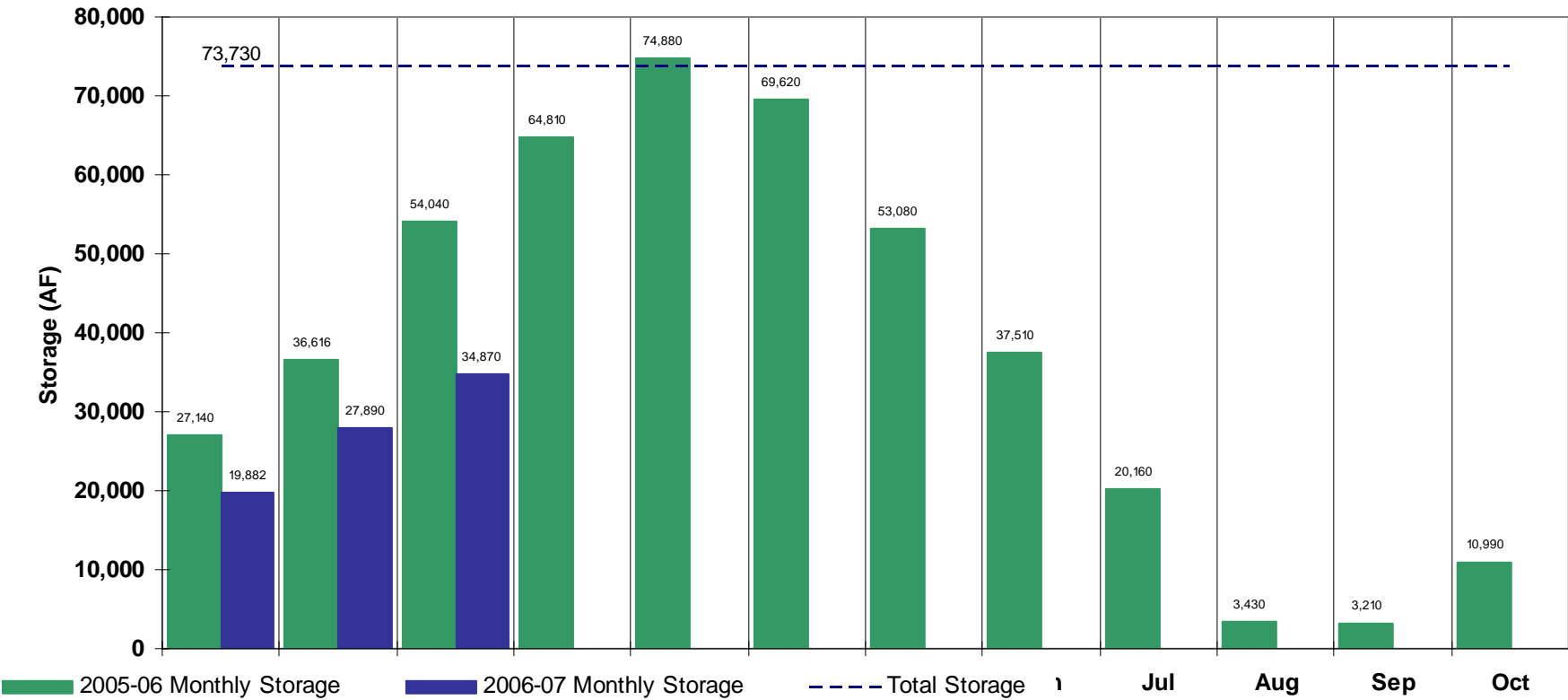
Julesburg Reservoir

(District 64 - Agricultural)



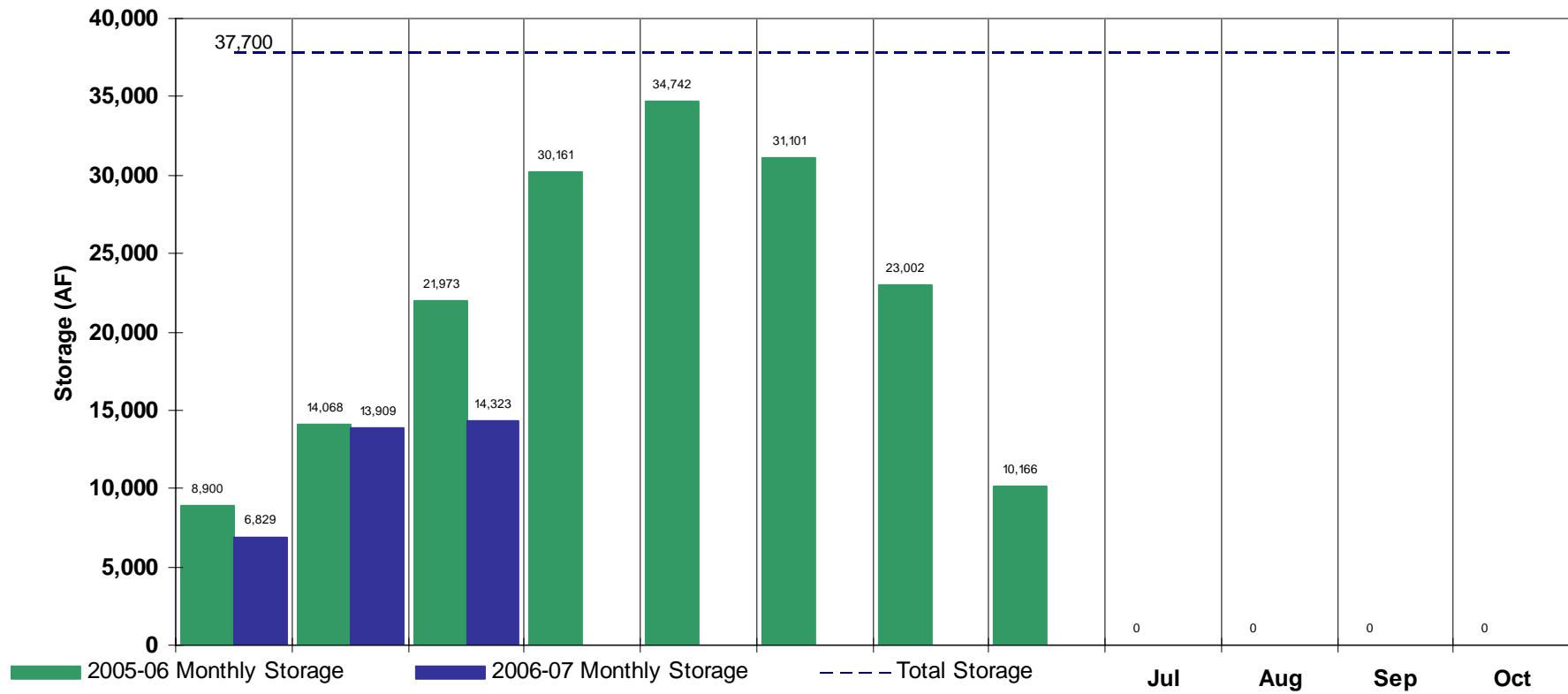
North Sterling Reservoir

(District 64- Agricultural)



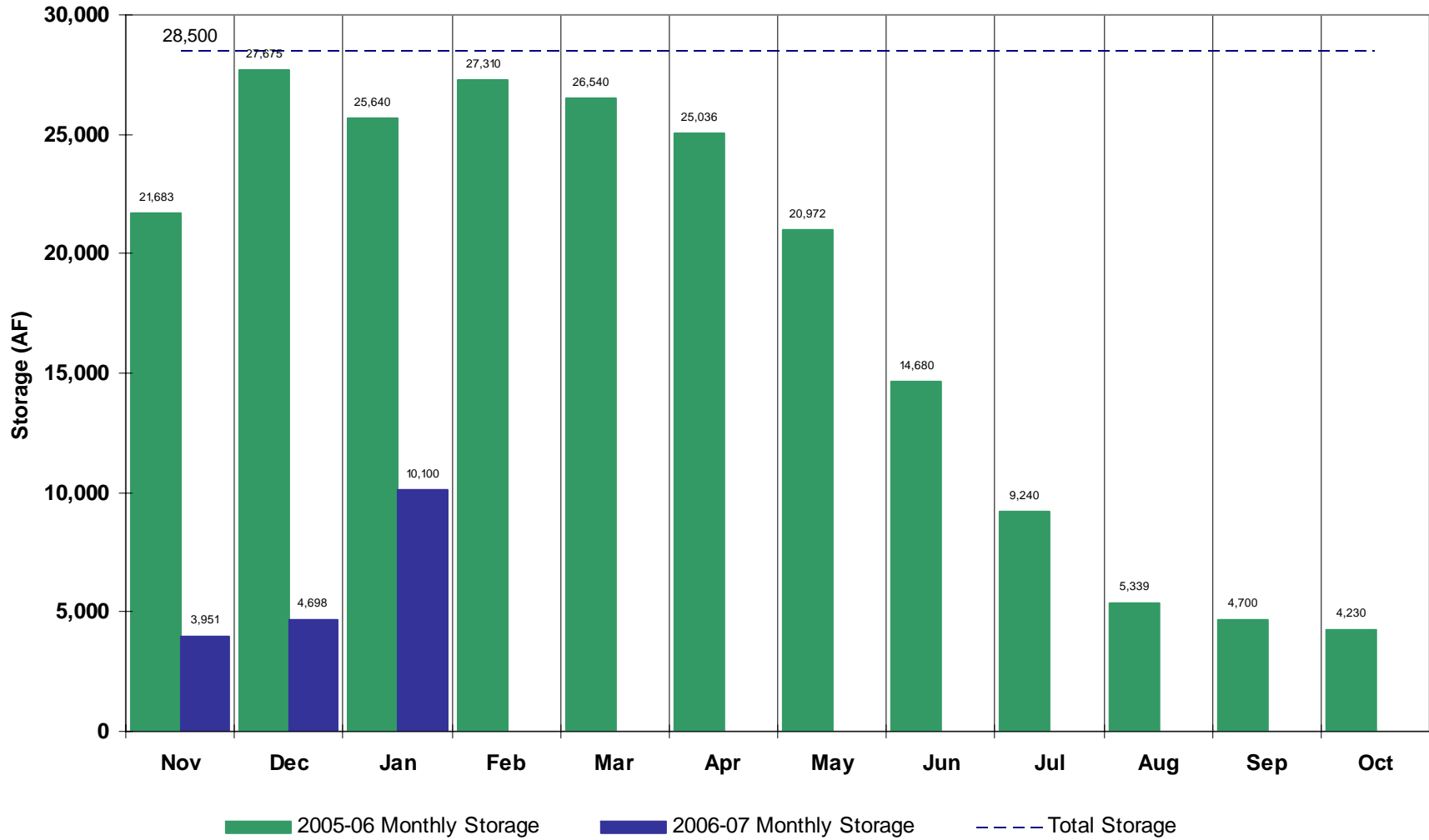
Empire Reservoir

(District 1- Agricultural)



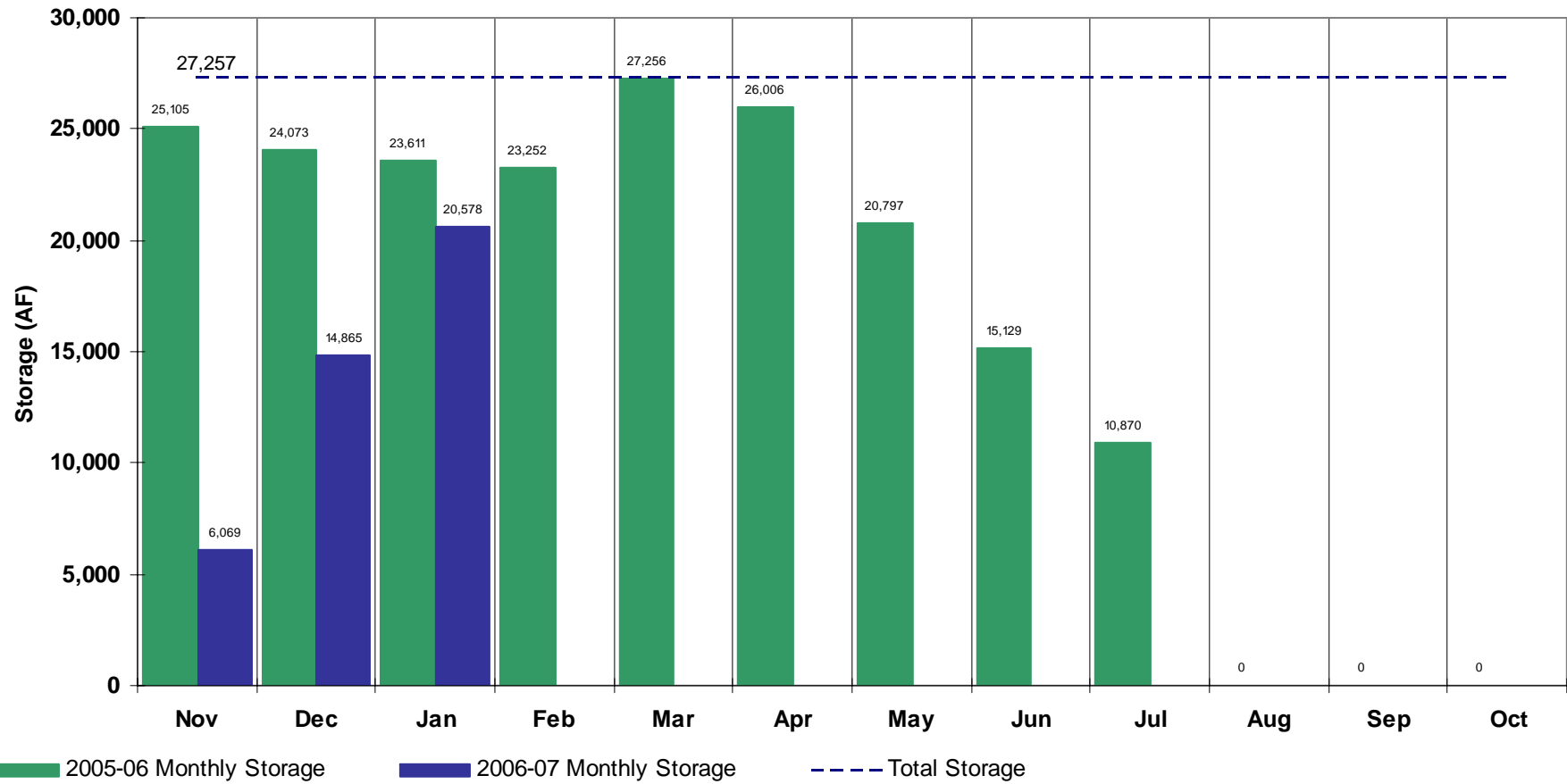
Prewitt Reservoir

(District 64- Agricultural)



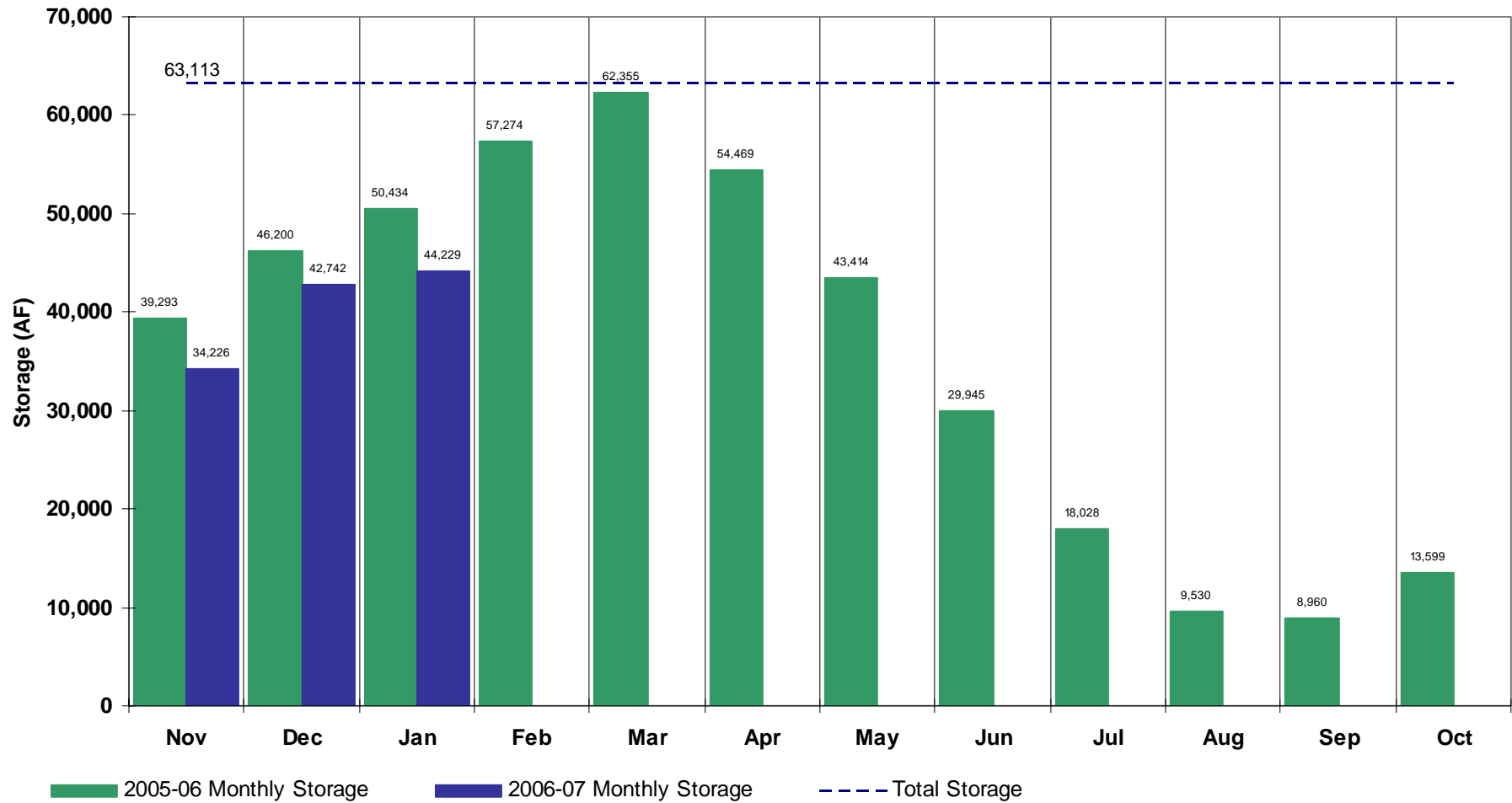
Jackson Reservoir

(District 1- Agricultural)



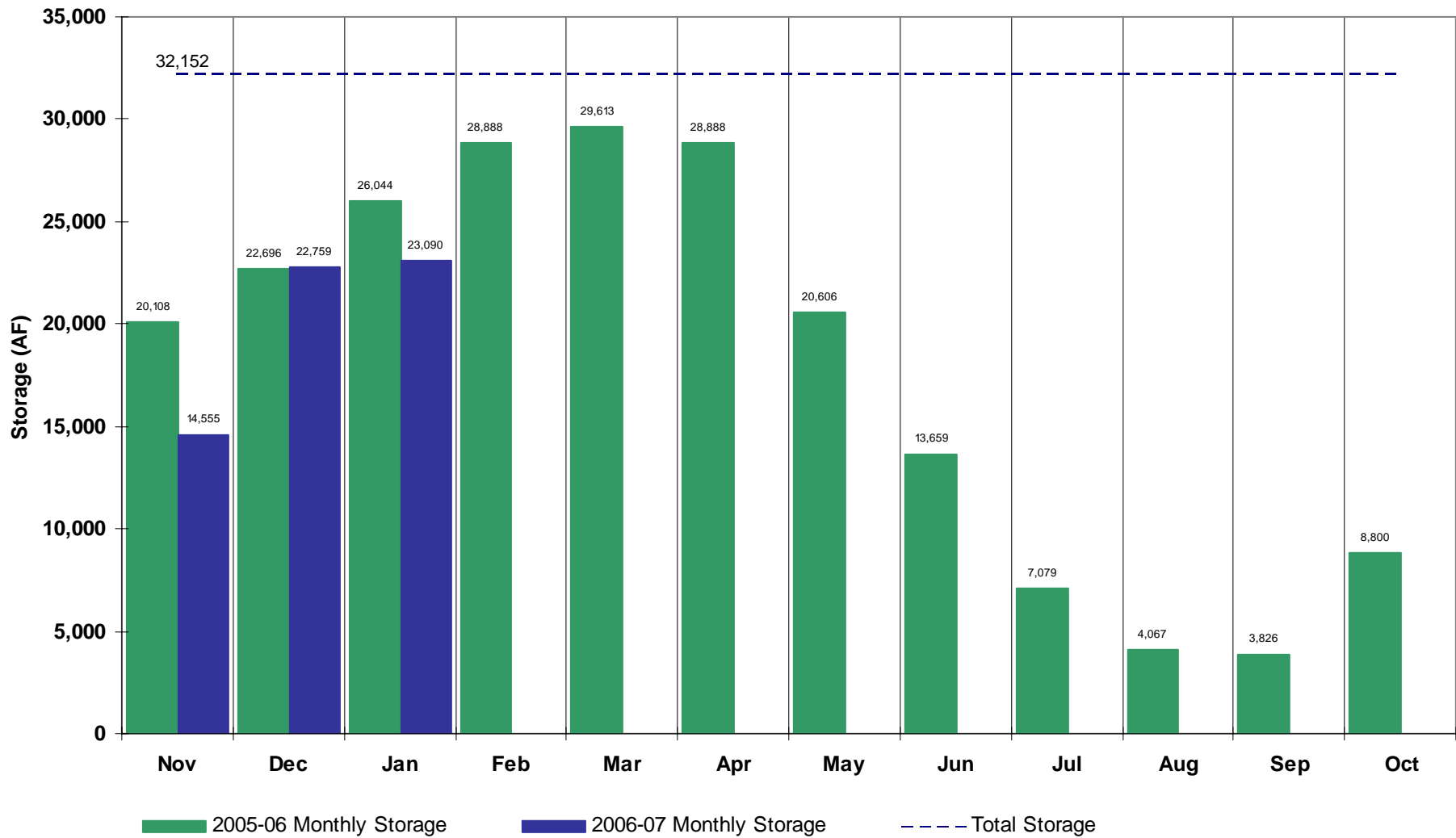
Riverside Reservoir

(District 1 - Agricultural)



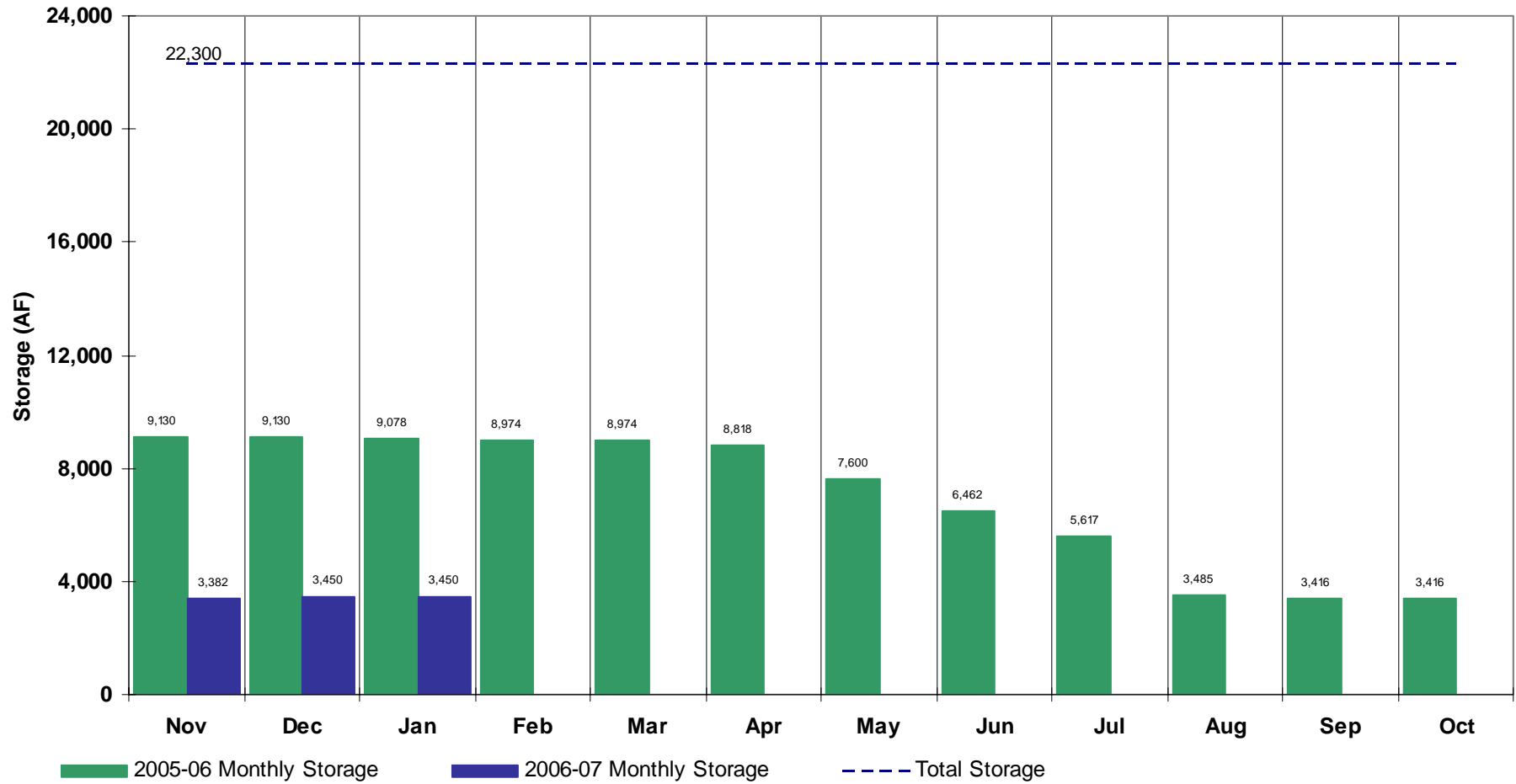
Barr Lake

(District 2 - Agricultural)



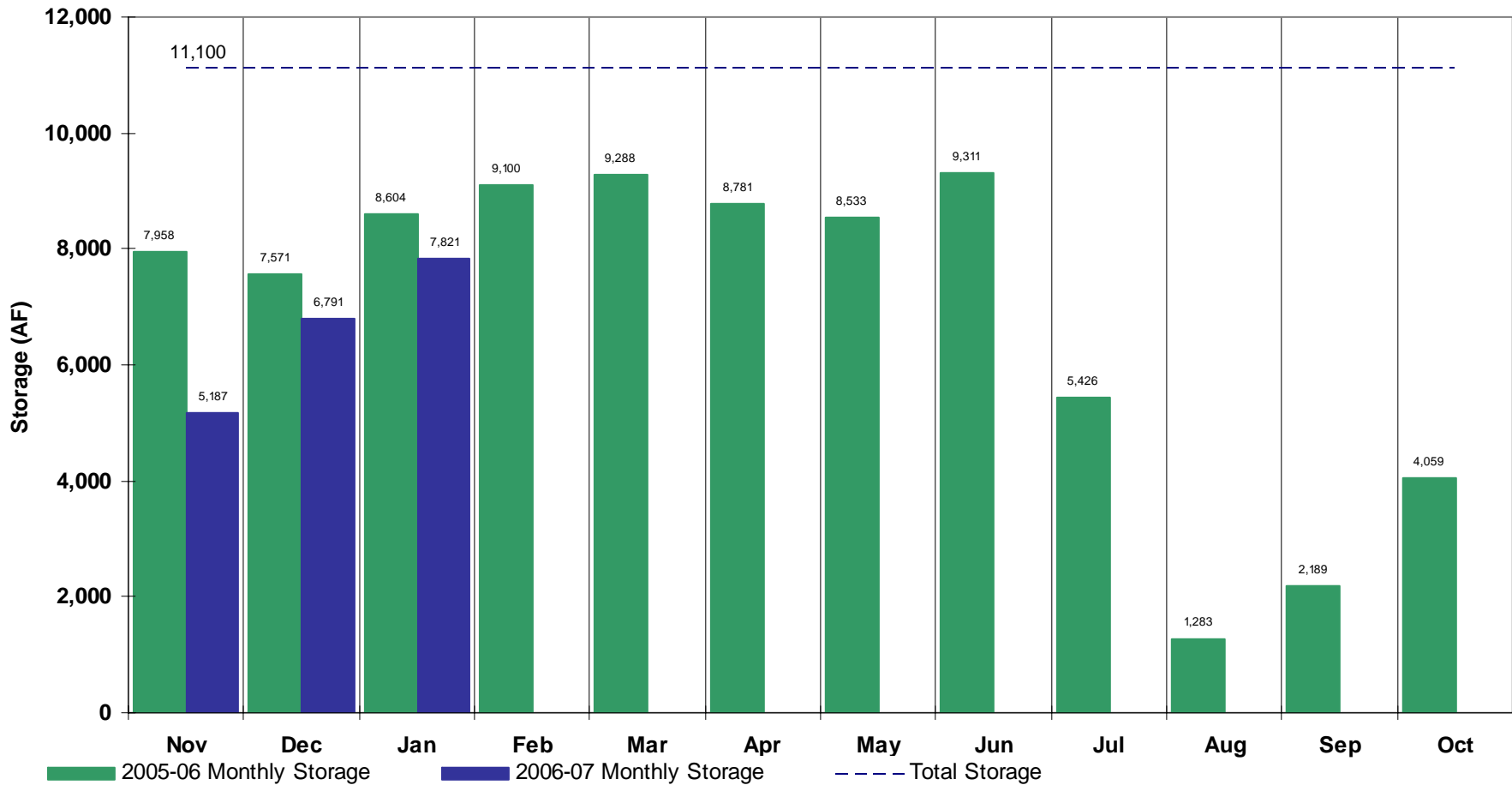
Cobb Lake

(District 3, Poudre River - Agricultural)



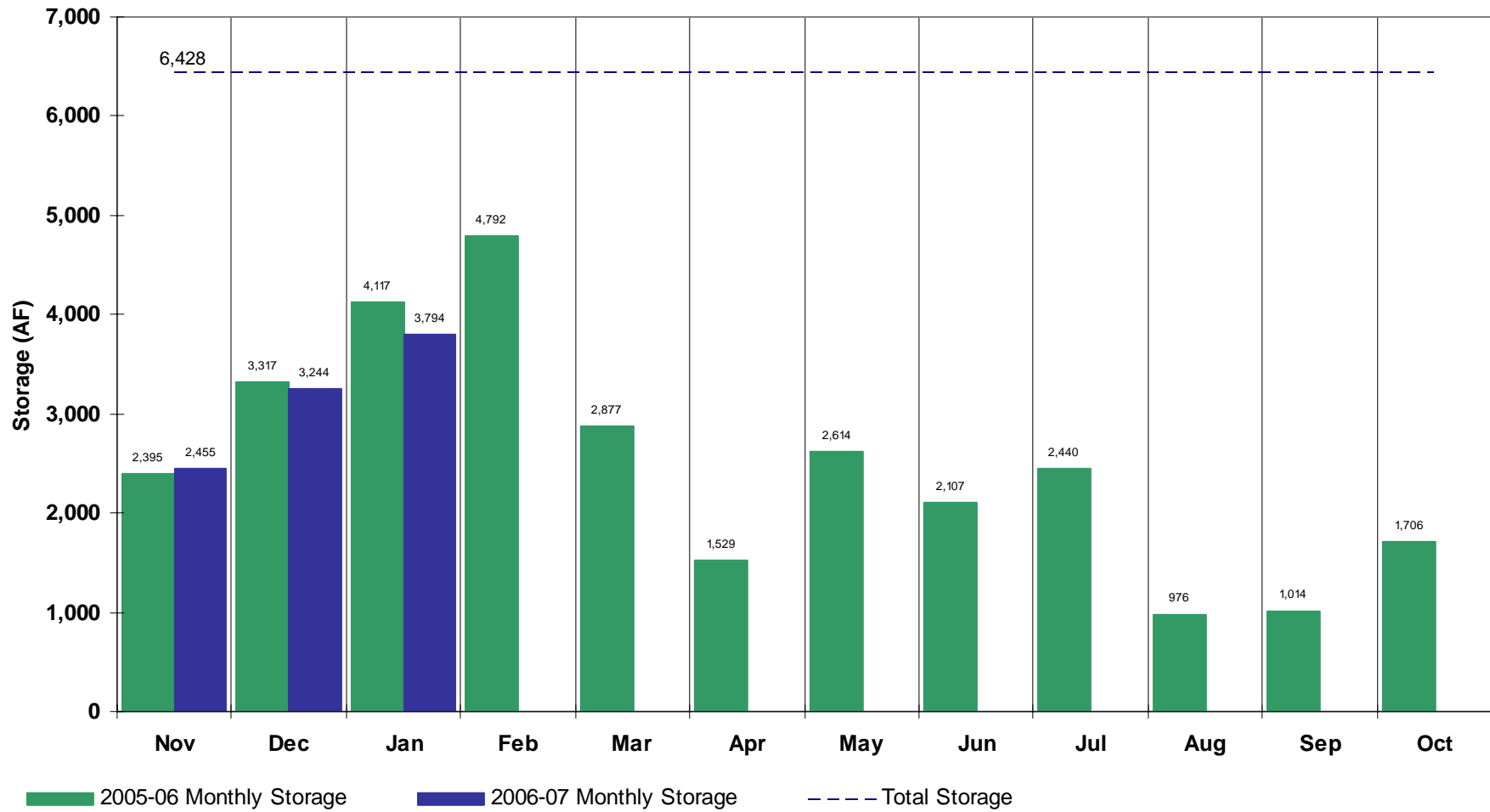
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



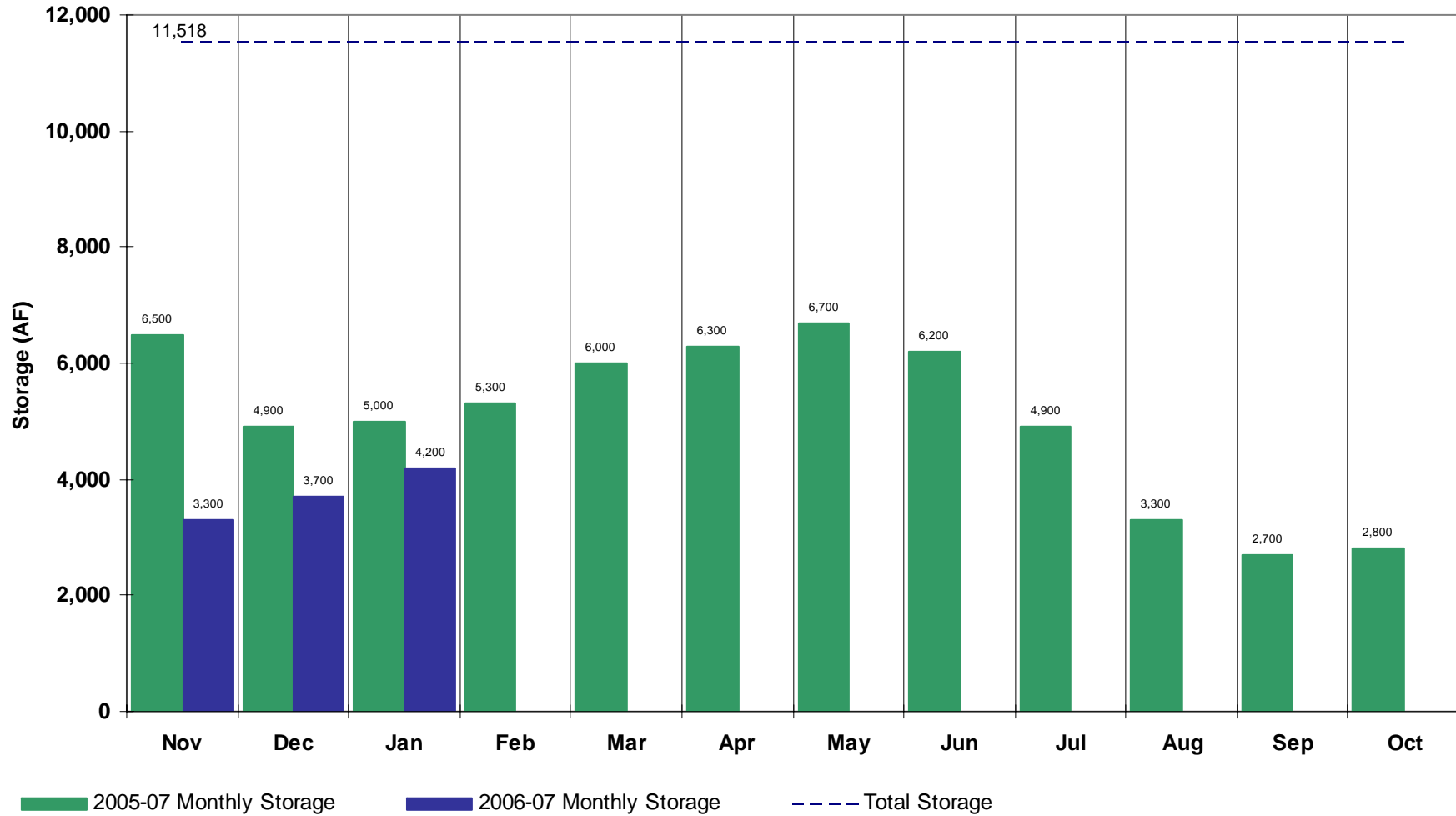
Halligan Reservoir

(District 3, Poudre River - Agricultural)



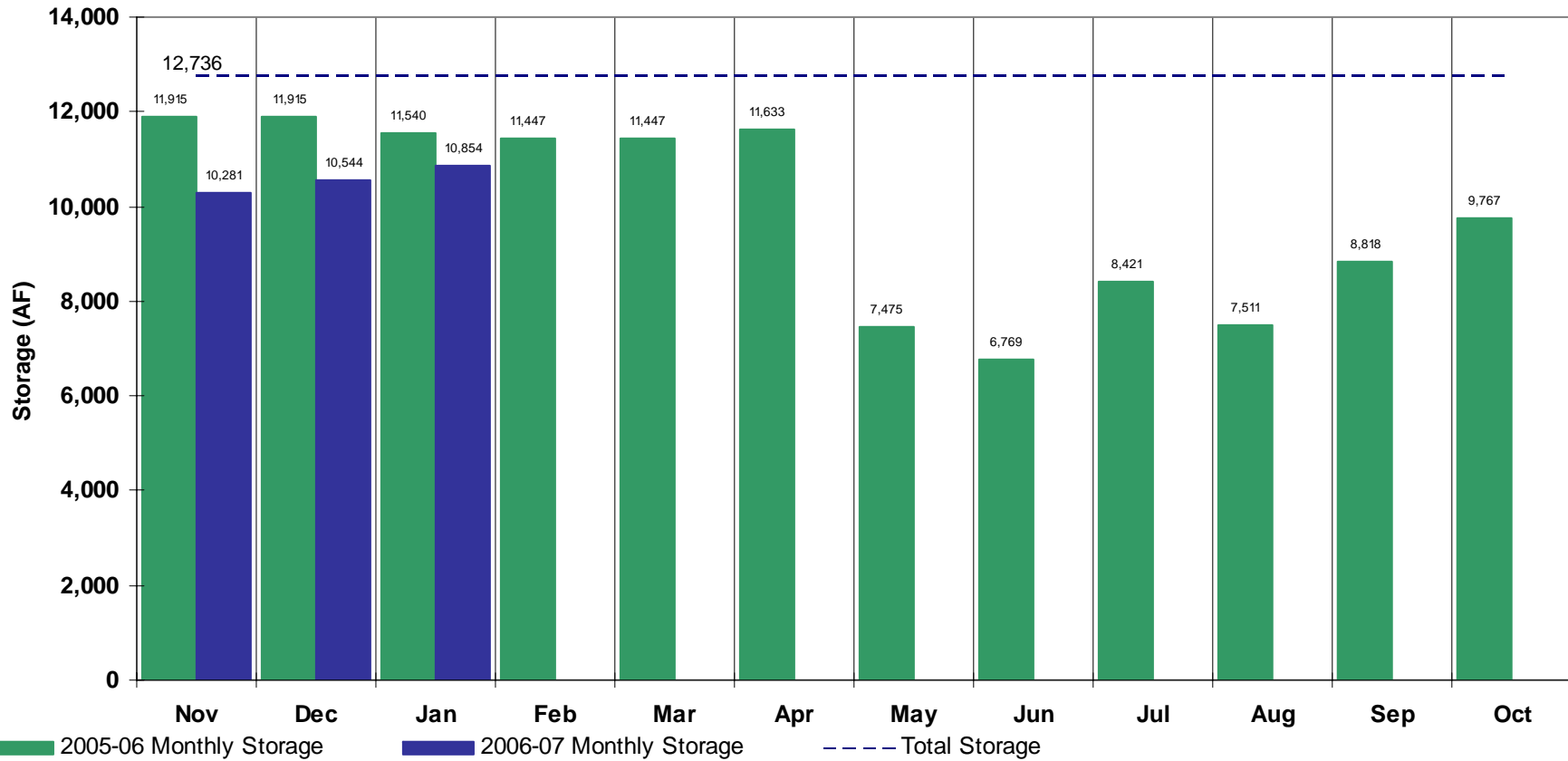
Marshall Lake

(District 6, Boulder Creek - Agricultural)



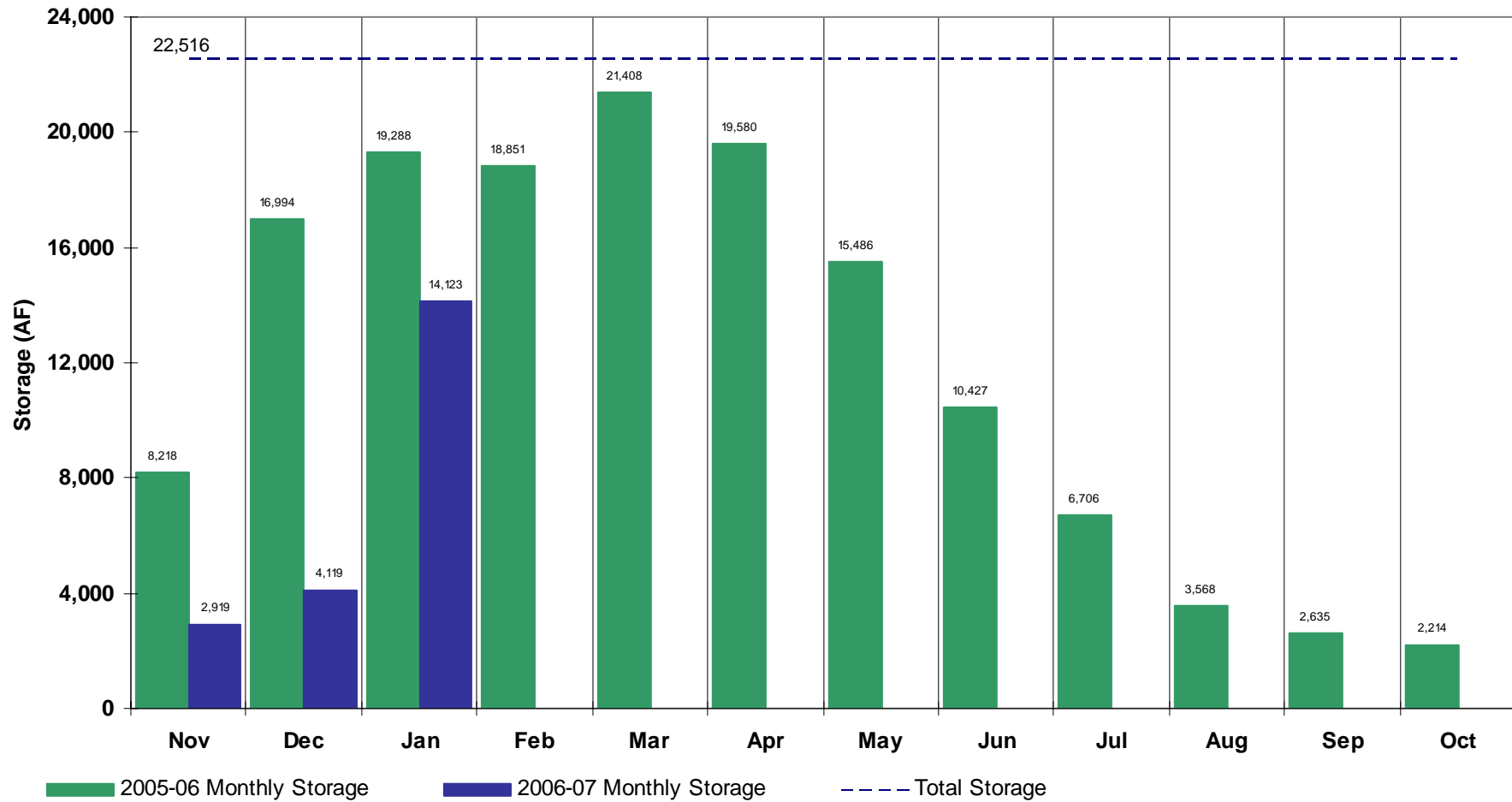
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



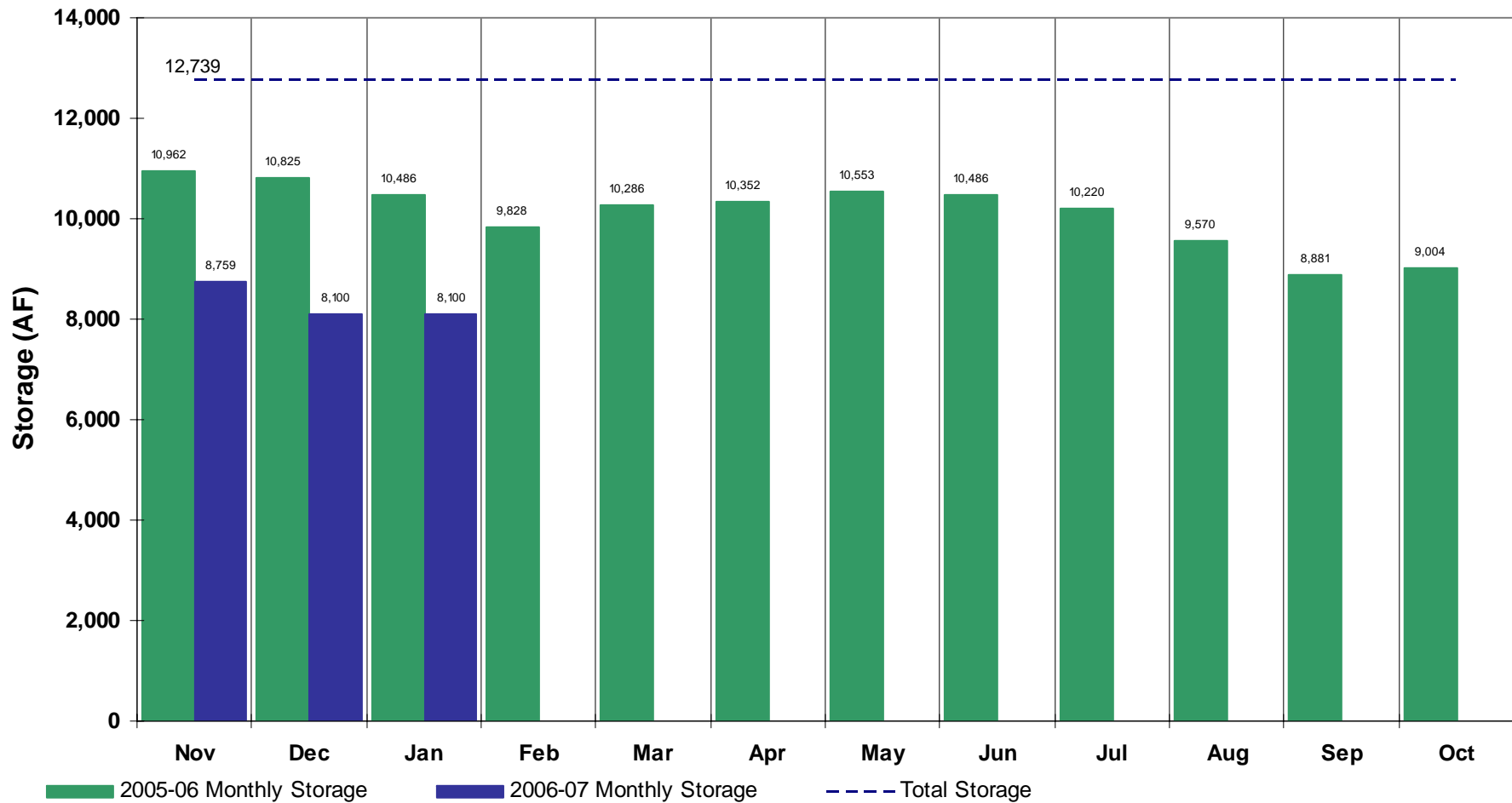
Milton Reservoir

(District 2 - Agricultural)

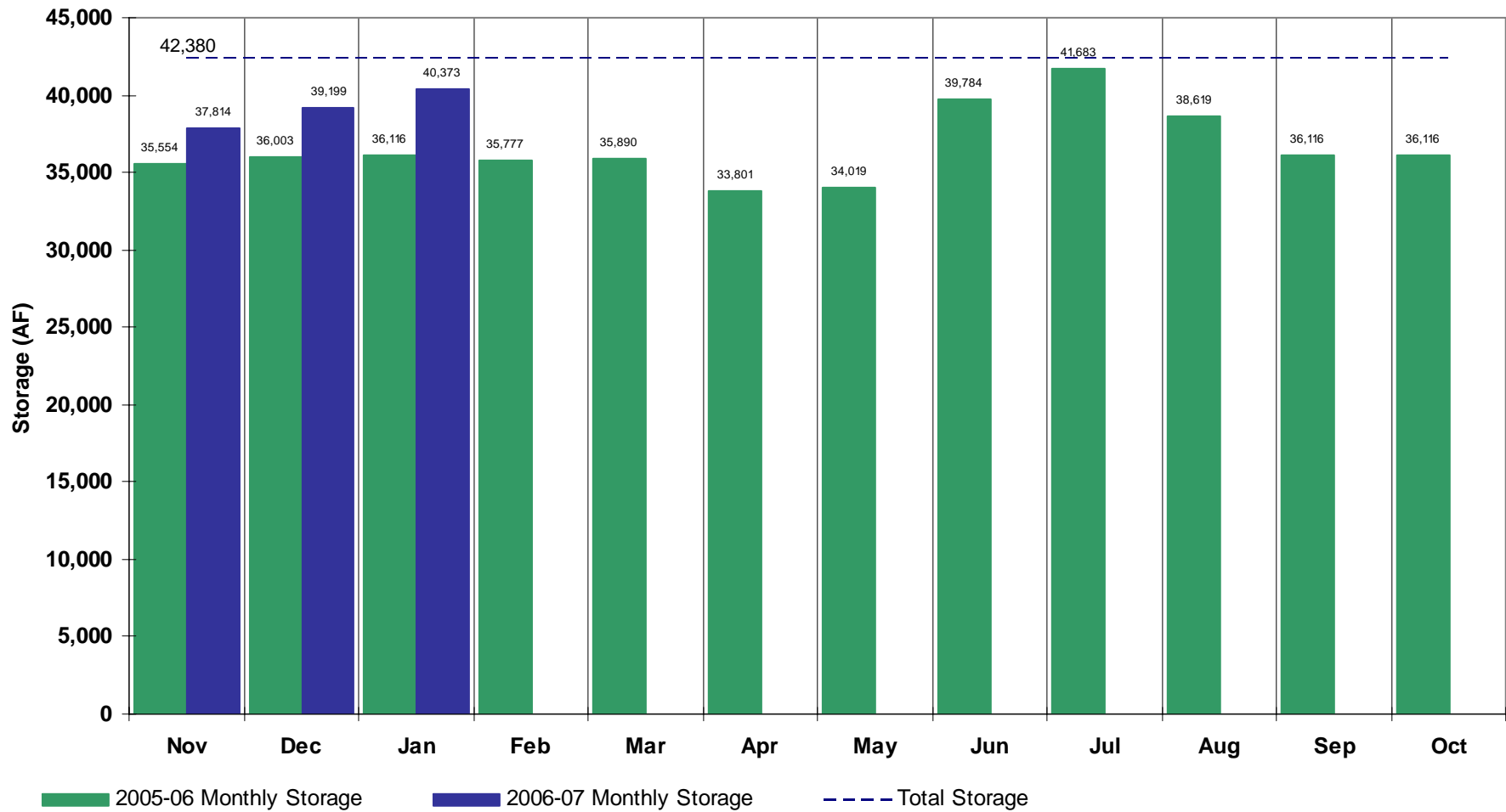


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

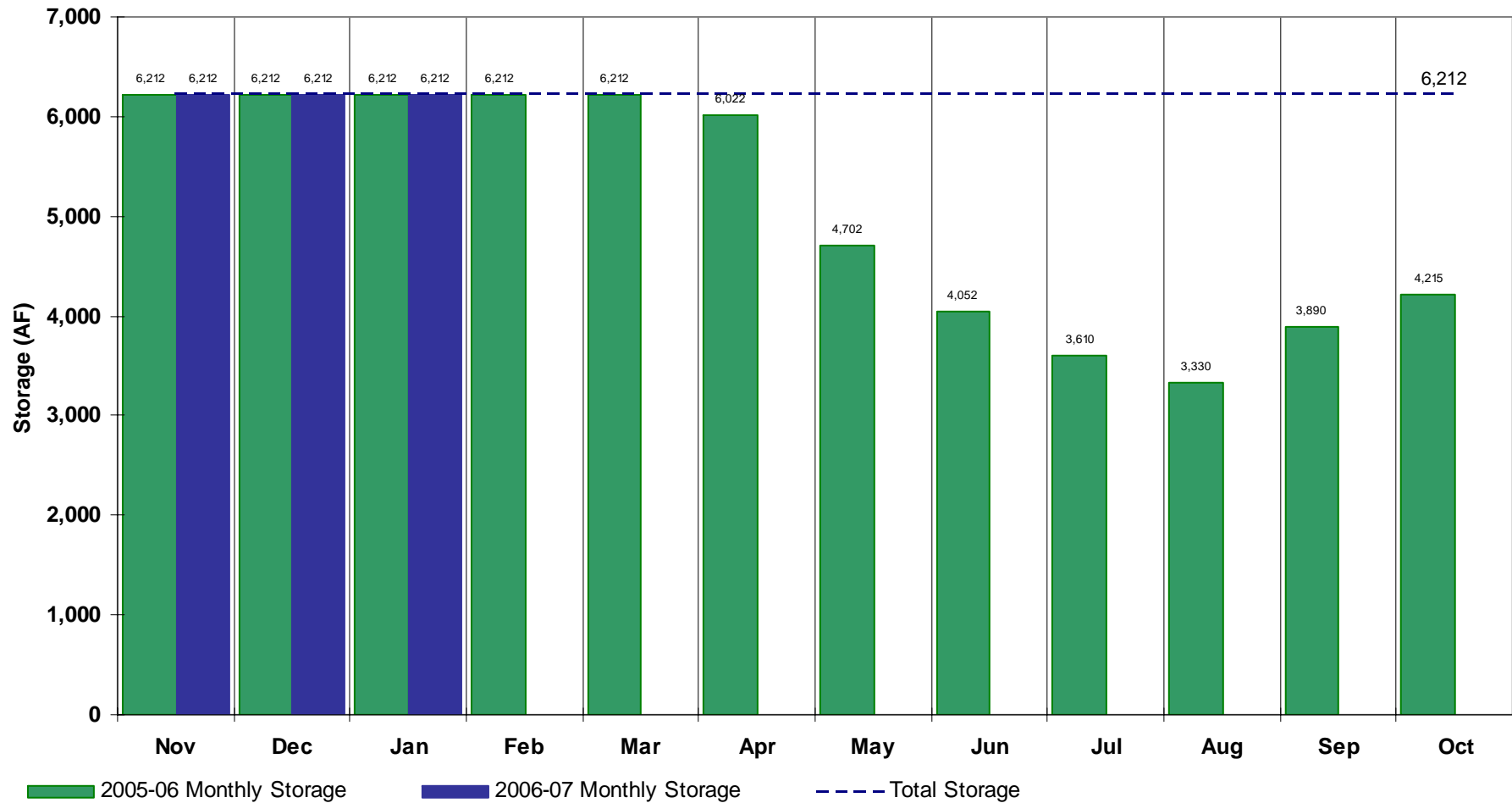


Standley Lake (Agricultural)



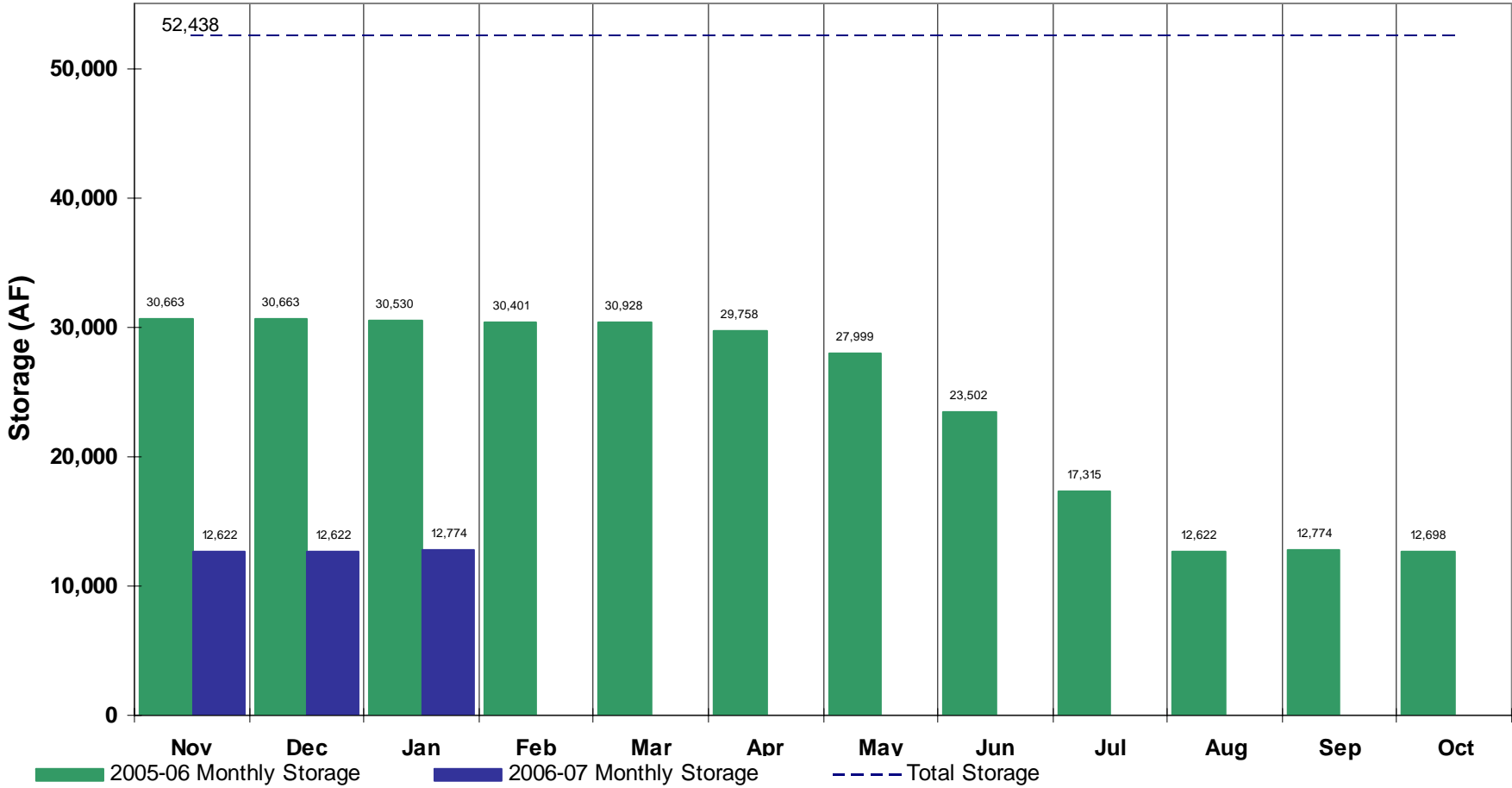
Lower Latham Reservoir

(District 2 - Agricultural)



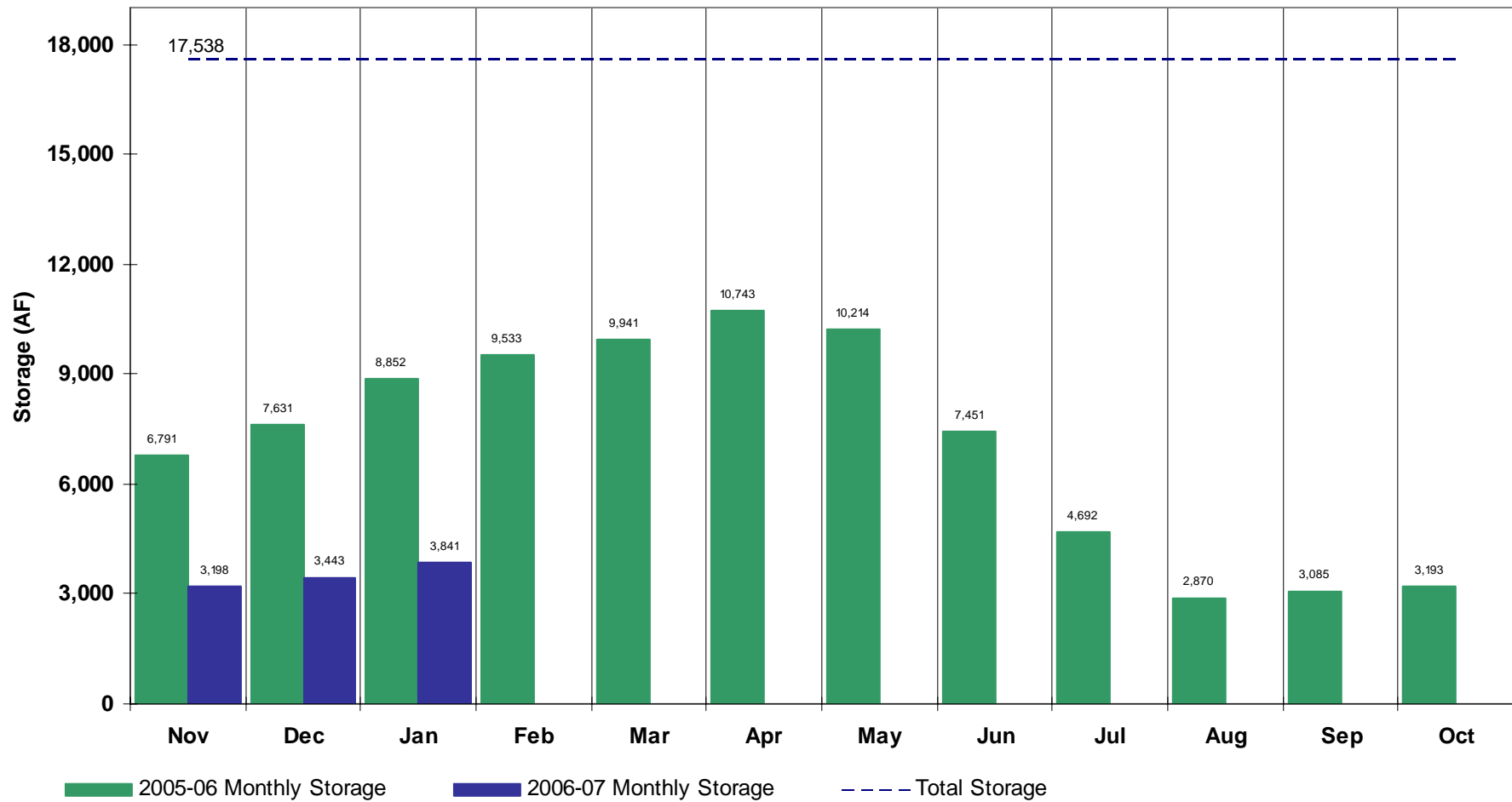
Boyd Lake

(District 4, Big Thompson River - Agricultural)



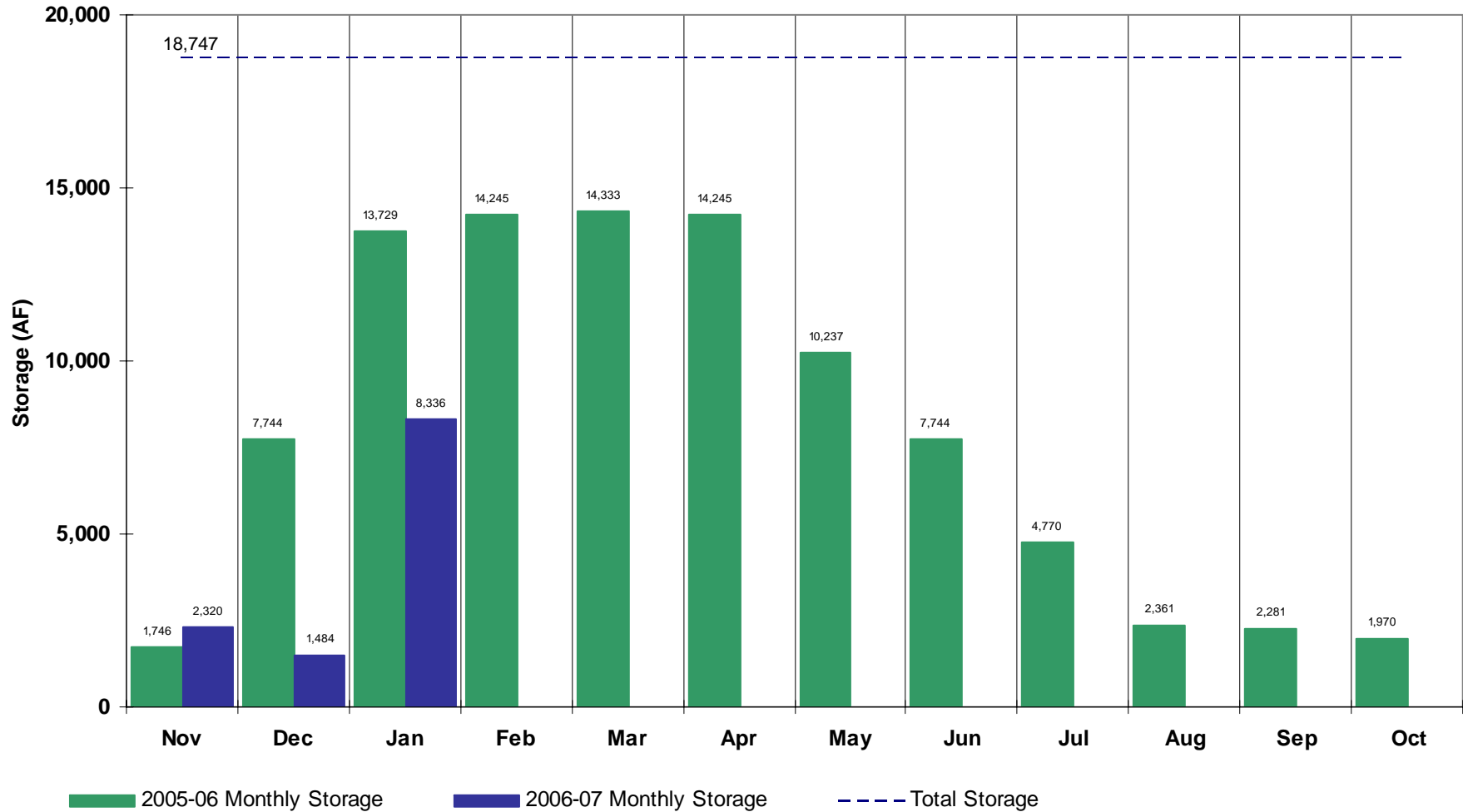
Windsor Reservoir

(District 3, Poudre River - Agricultural)



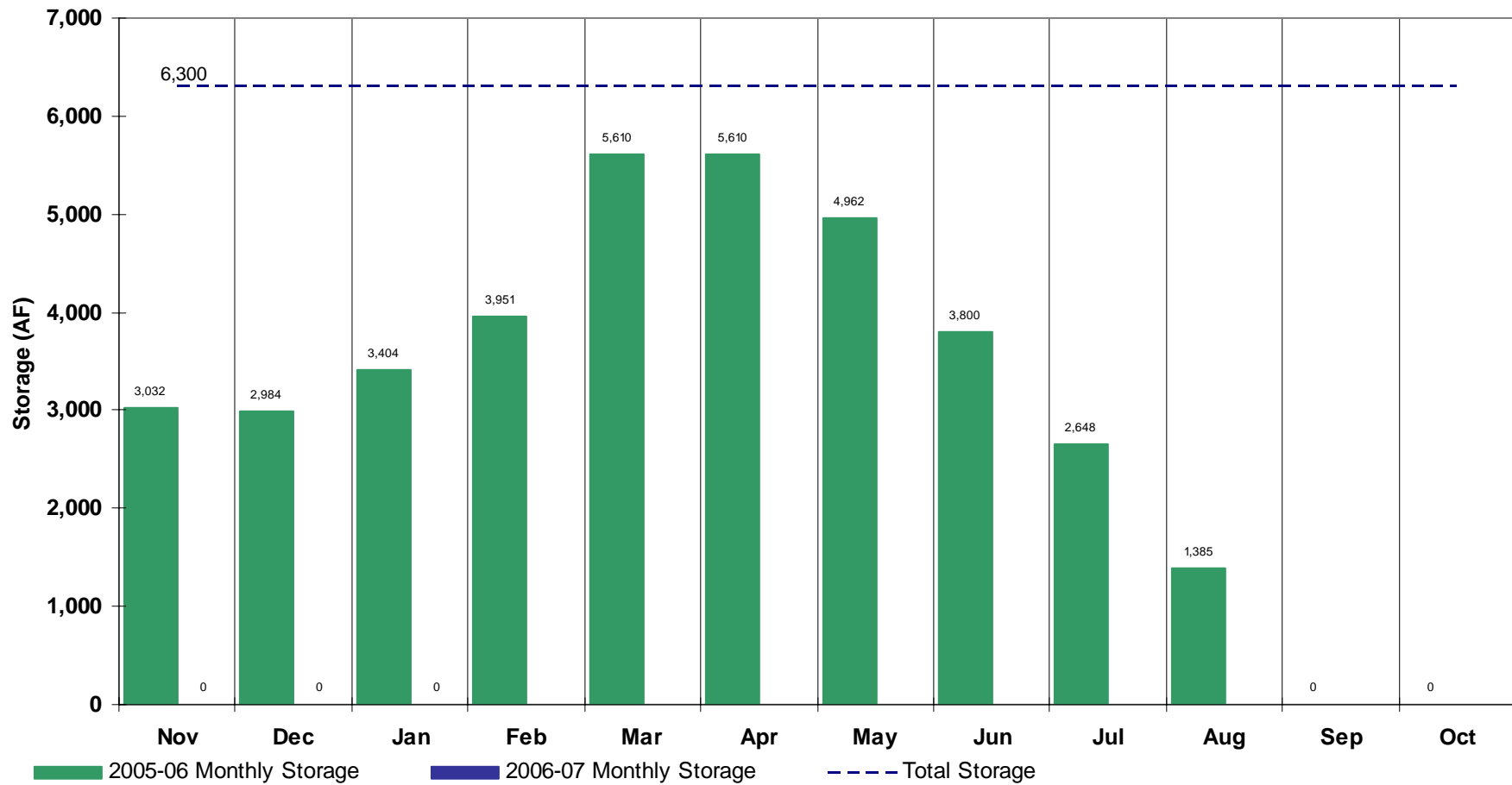
Horse Creek Reservoir

(District 1 - Agricultural)



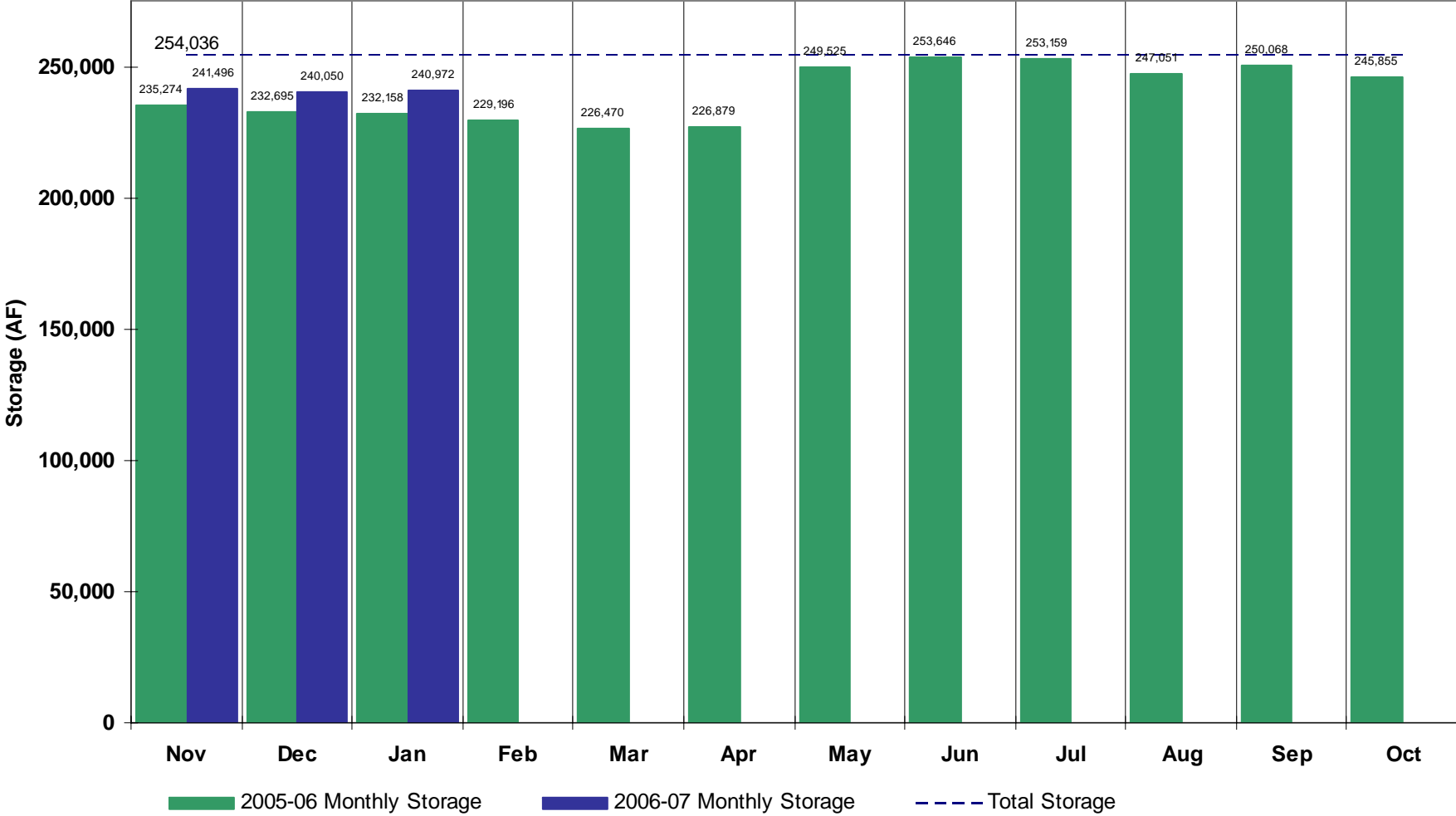
Prospect Reservoir

(District 1- Agricultural)



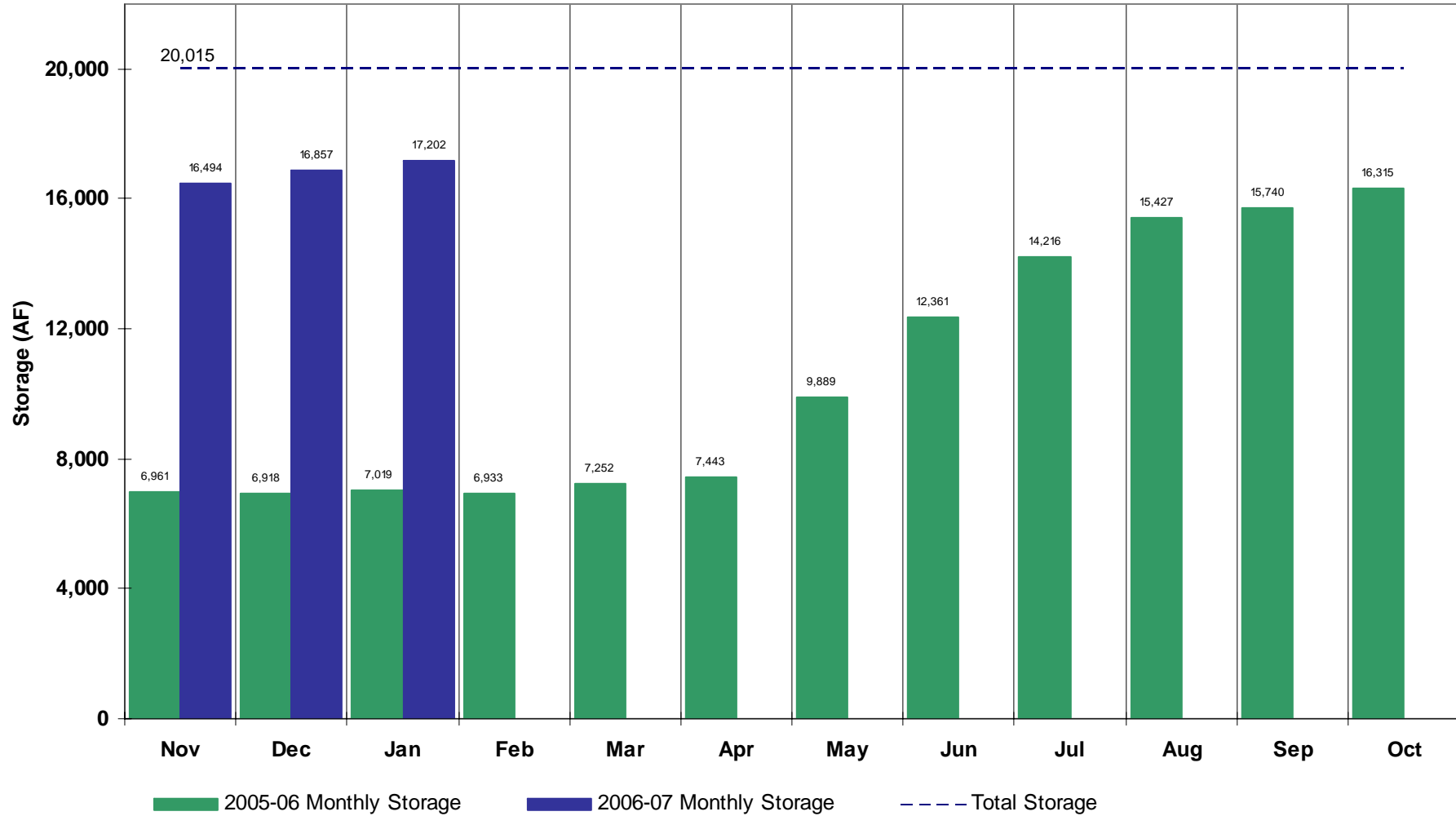
Dillon Reservoir

(Municipal)



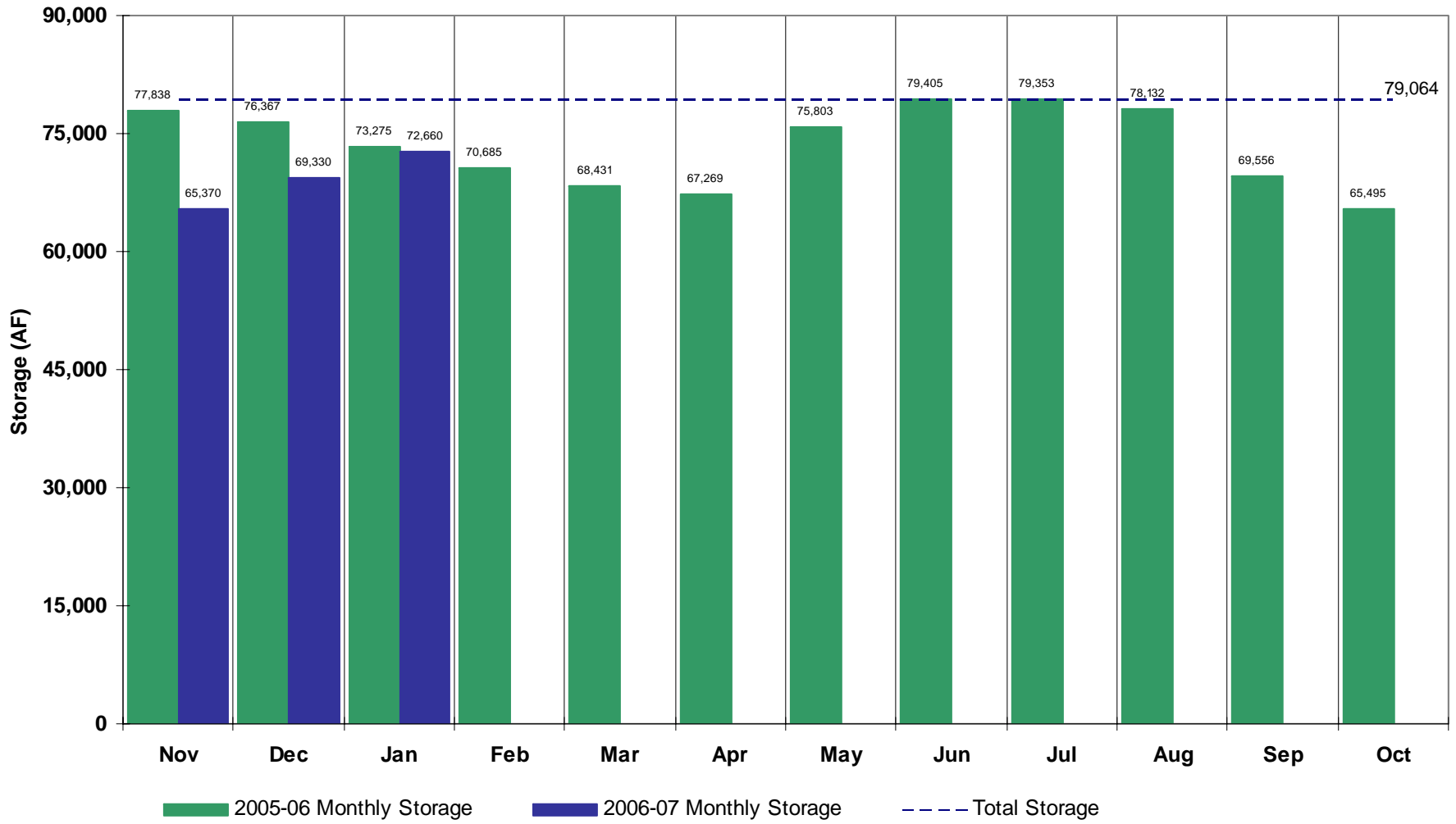
Antero Reservoir

(District 23 - Municipal)



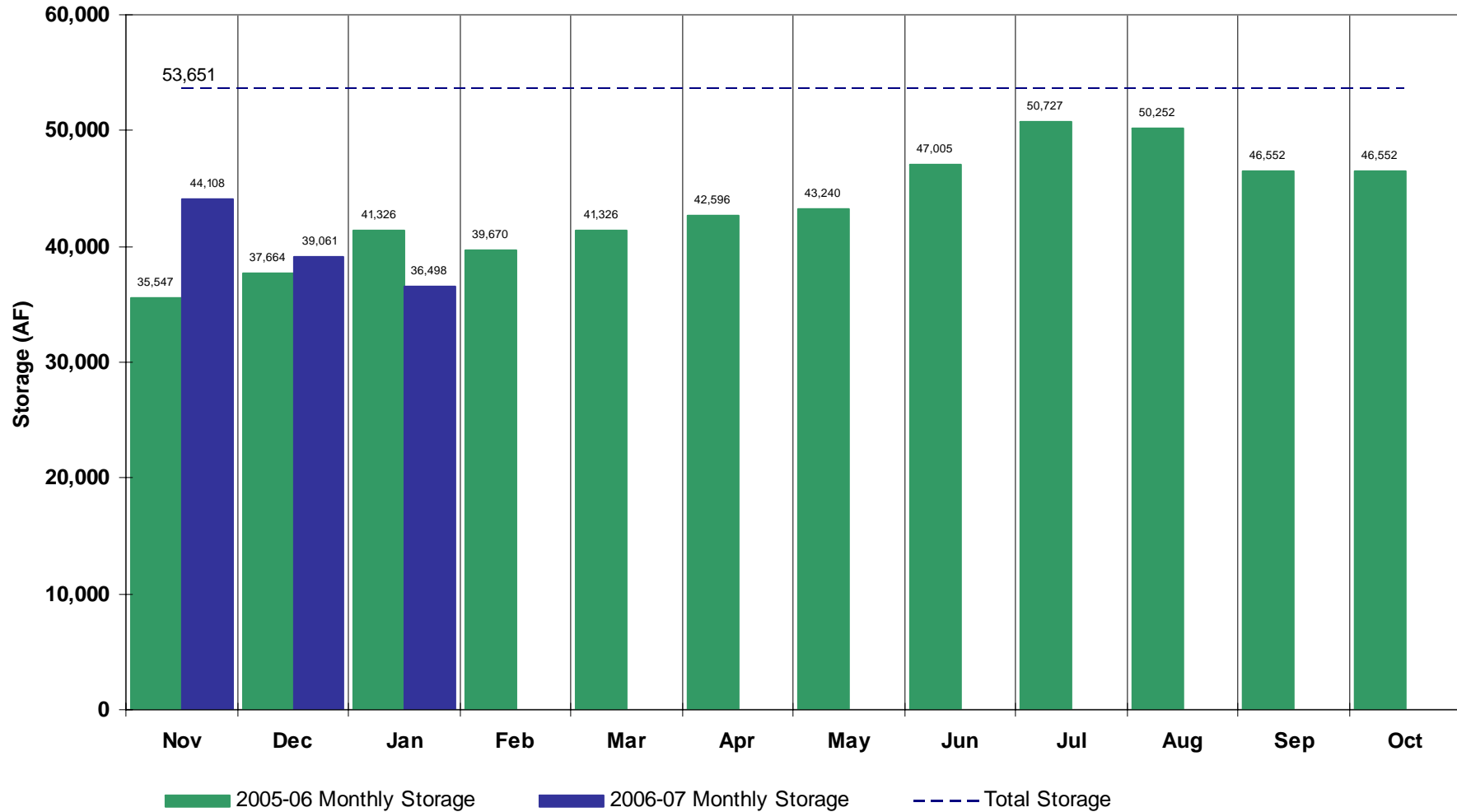
Cheesman Reservoir

(District 80 - Municipal)



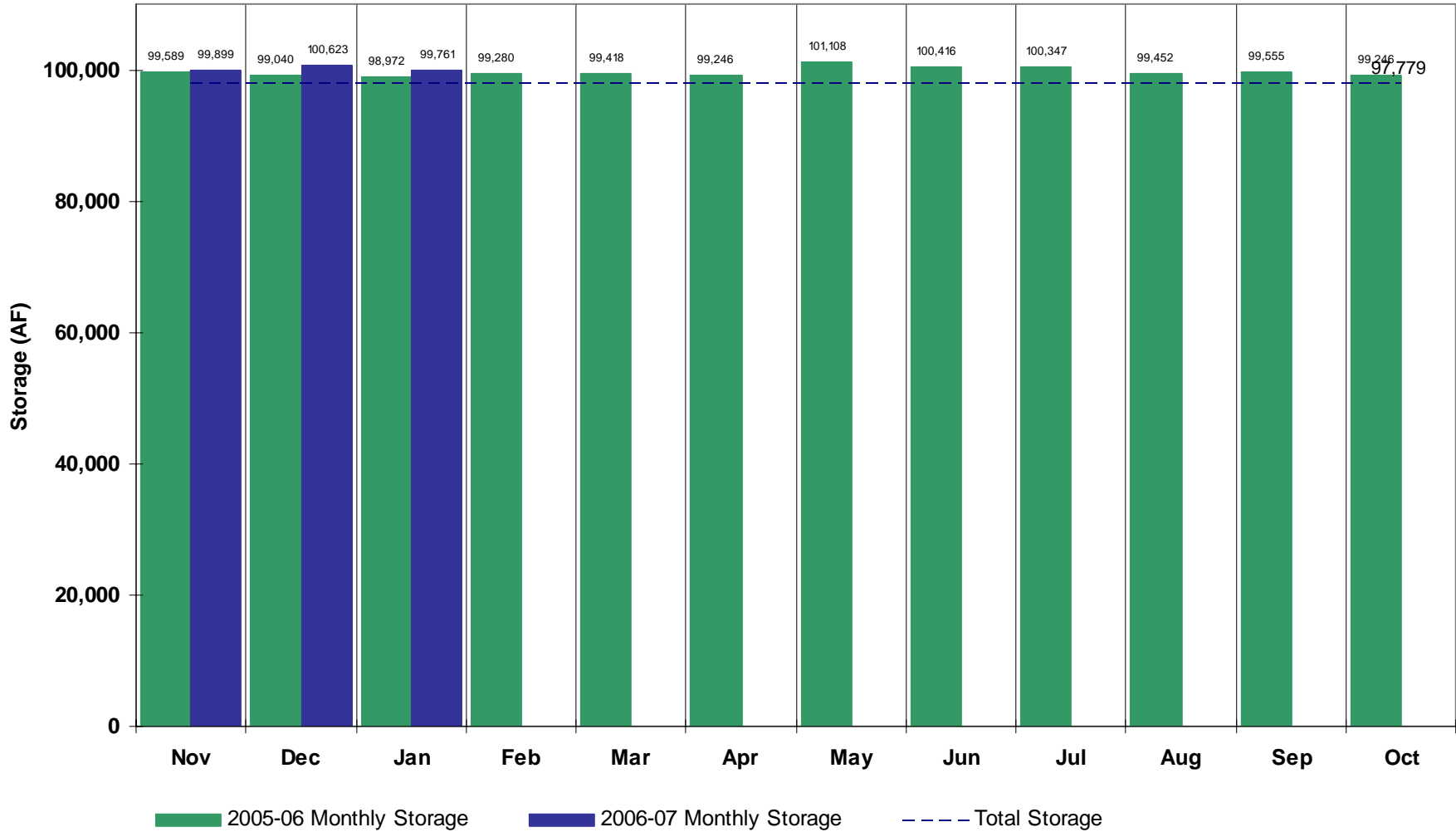
Spinney Mountain Reservoir

(District 23 - Municipal)

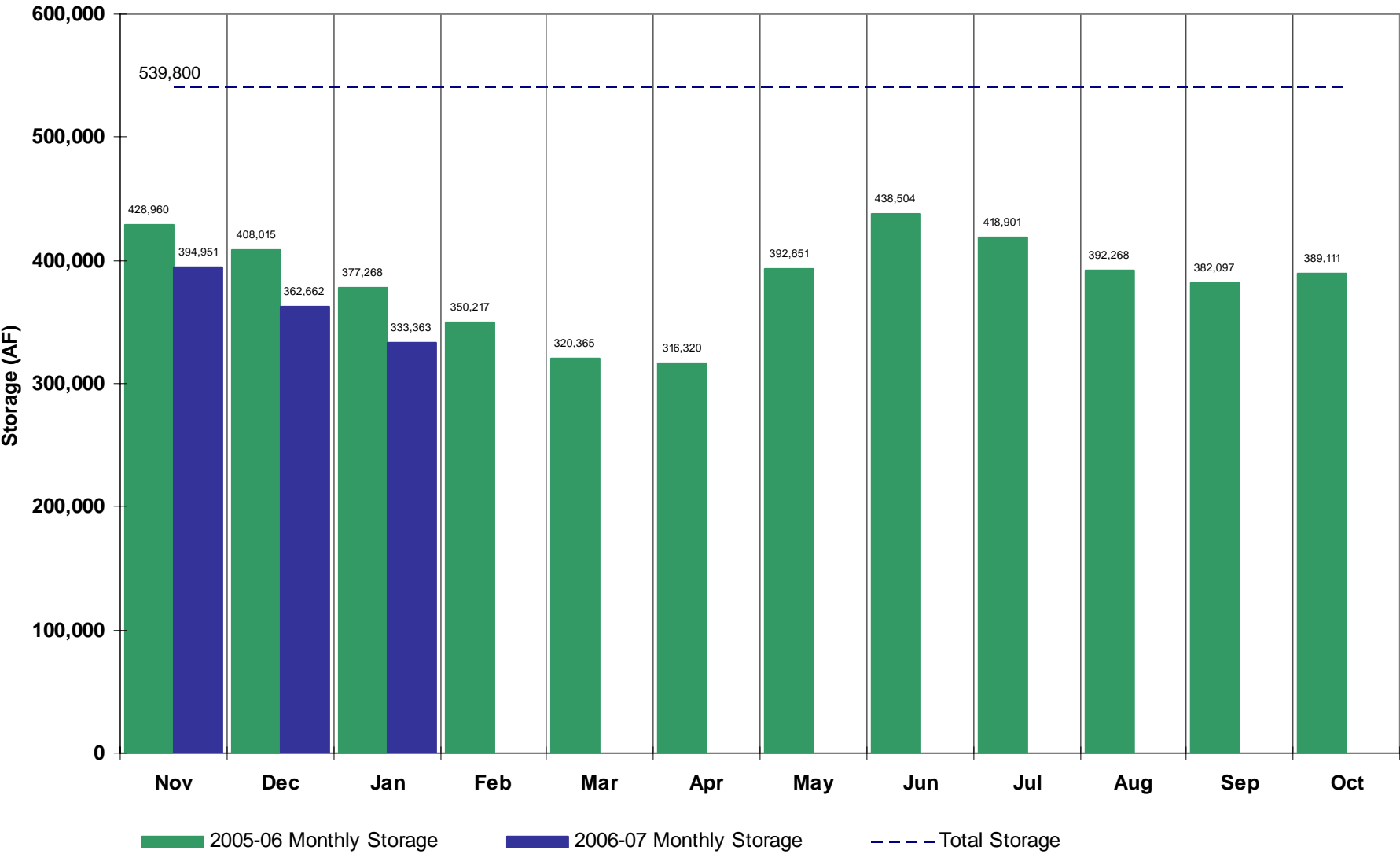


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



Garver Brown Chopping Ice at the
North Fork of the South Platte at Grant



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