

South Platte Summary

November 2006



By David Ellington



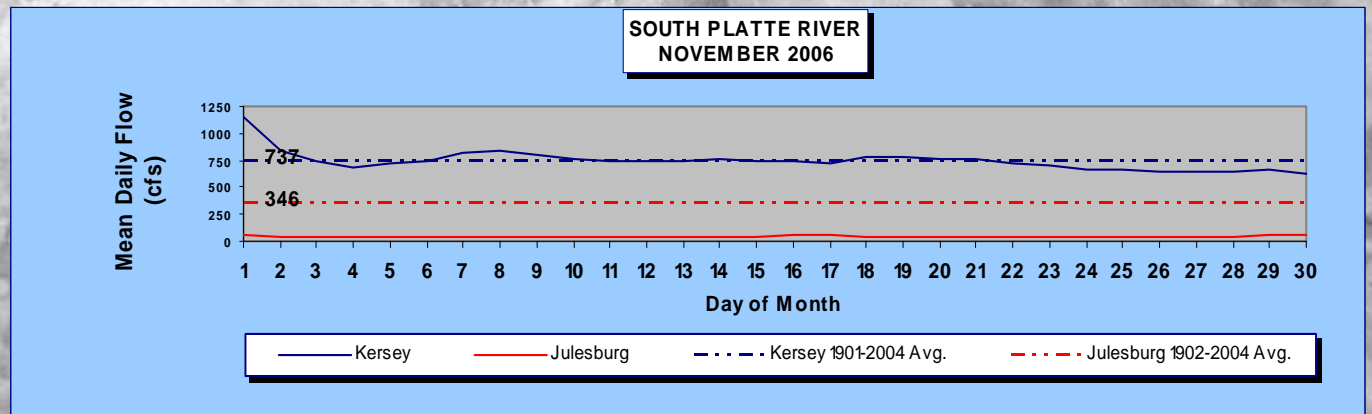
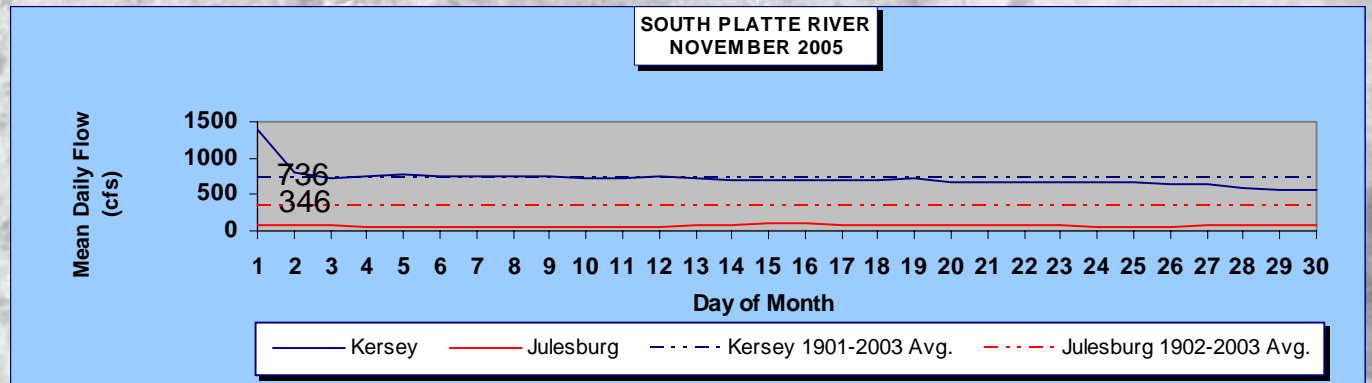
Saint Vrain at Lyons
(photo by Russell Stroud)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

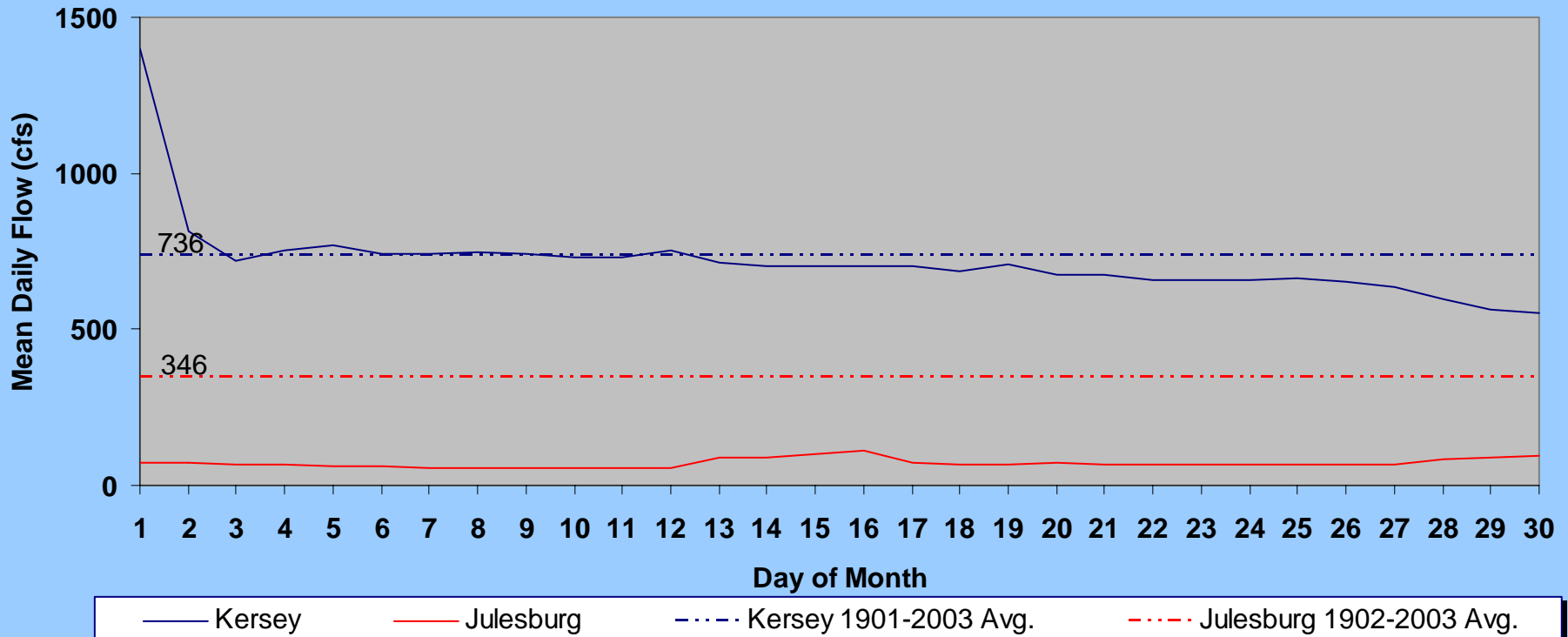
MONTH OF NOVEMBER 2006

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	197	11,985	64	11,788	5984%	53%	39%	0
N STERLING	73,730	10,990	19,882	64	8,892	81%	27%	24%	0
PREWITT	28,500	4,230	3,951	64	-279	-7%	14%	77%	0
JACKSON	27,257	0	6,069	1	6,069	0%	22%	62%	0
EMPIRE	37,700	0	6,829	1	6,829	0%	18%	8%	0
RIVERSIDE	63,113	13,599	34,226	1	20,627	152%	54%	36%	0
BARR LAKE	31,652	8,800	14,555	2	5,755	65%	46%	30%	0
CHEESMAN	79,064	65,495	65,370	80	-125	0%	83%	94%	0
ELEVEN MILE	97,779	99,246	99,899	23	653	1%	100%	100%	2,120
SPINNEY	53,651	46,552	44,108	23	-2,444	-5%	82%	65%	0
ANTERO	20,015	16,315	16,494	23	179	1%	82%	34%	0

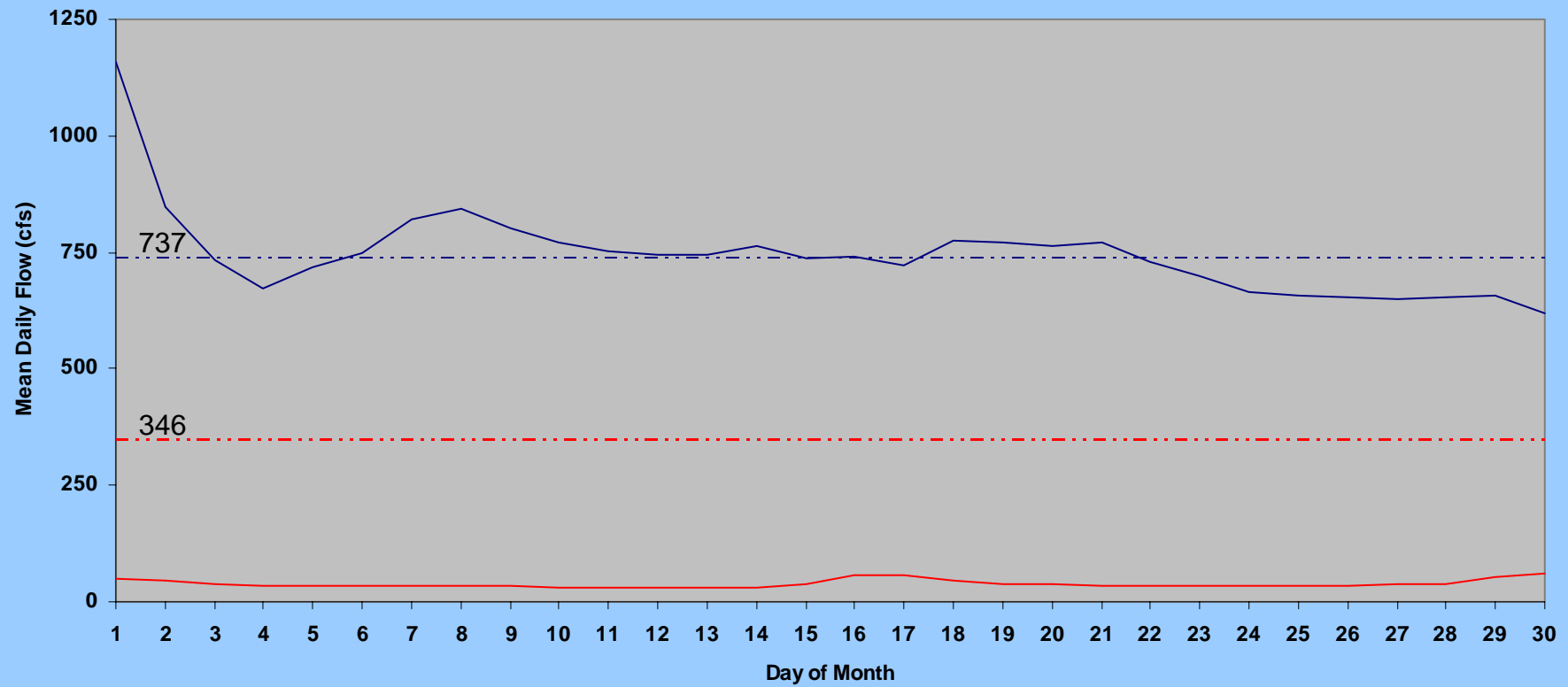
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	746
JULESBURG	39
THIS MONTH LAST YEAR	
KERSEY	718
JULESBURG	71
MEAN FOR PERIOD OF RECORD*	
KERSEY	737
JULESBURG	346
* 1901-2004	
1902-2004	



SOUTH PLATTE RIVER NOVEMBER 2005

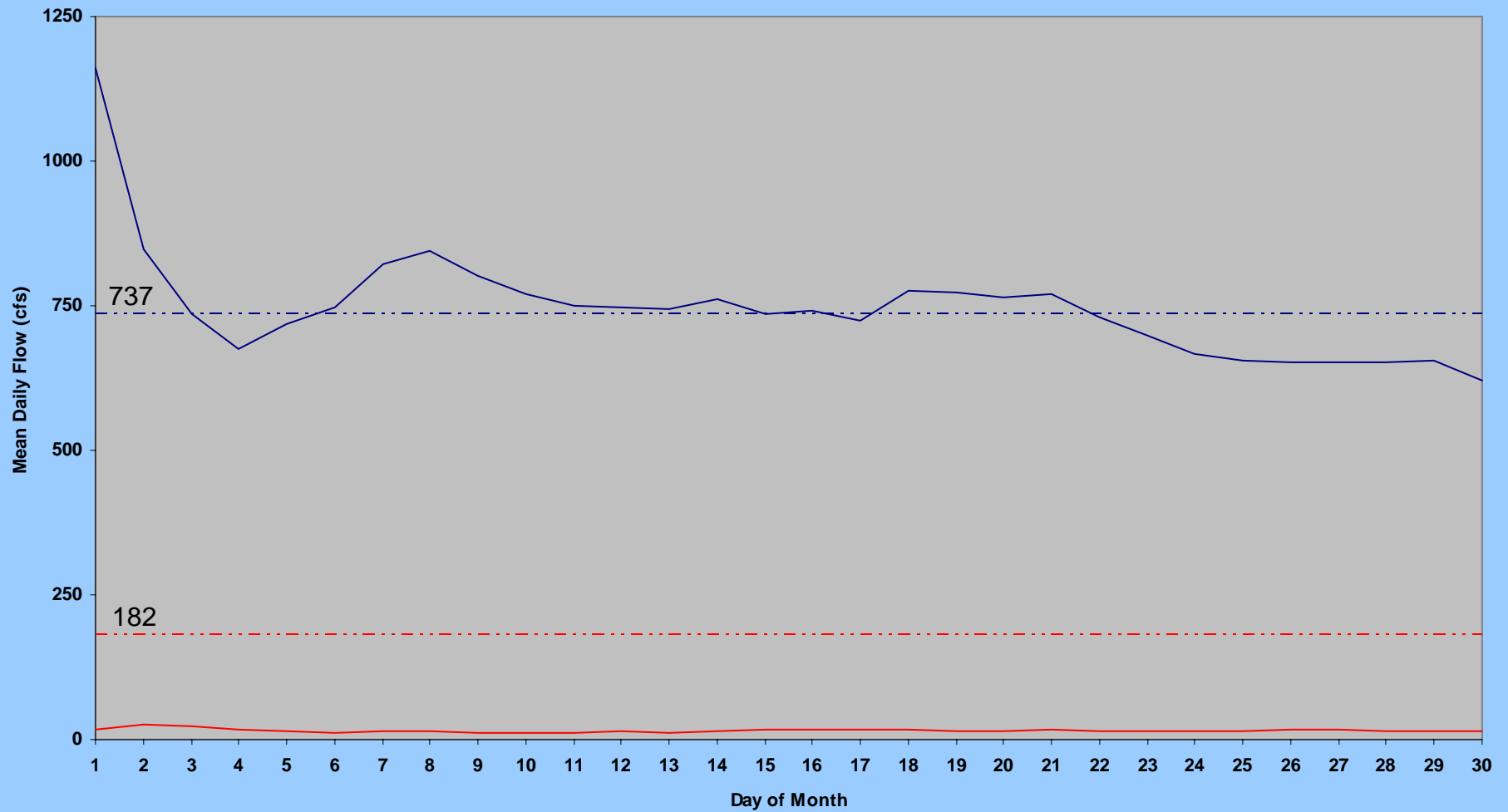


SOUTH PLATTE RIVER NOVEMBER 2006



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

KERSEY and BALZAC NOVEMBER 2006



— Kersey — Balzac - - - Kersey 1901-2004 Avg. - . . . Balzac 1981-2004 Avg.

Cableway South Platte at Waterton

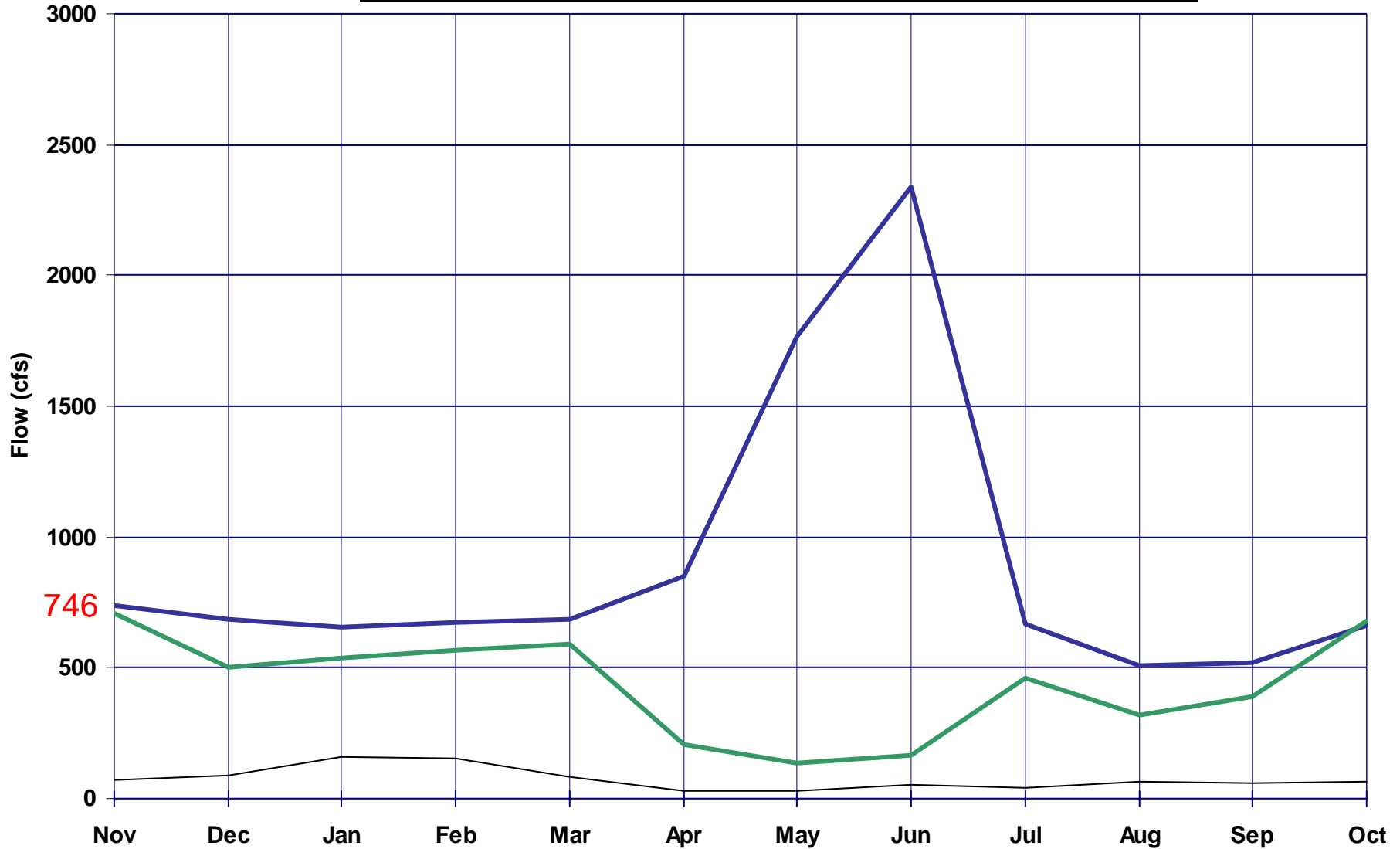


South Platte River Monthly Stream Flow (cfs) Statistics

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		Dec	408	1820	1984	13	2002	
Jan	656	2160	1974	158	1935		Jan	526	2510	1970	21	2003	
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						

South Platte River at Kersey

Irrigation Water Year



— Historic* Mean Flow
*1901-2004

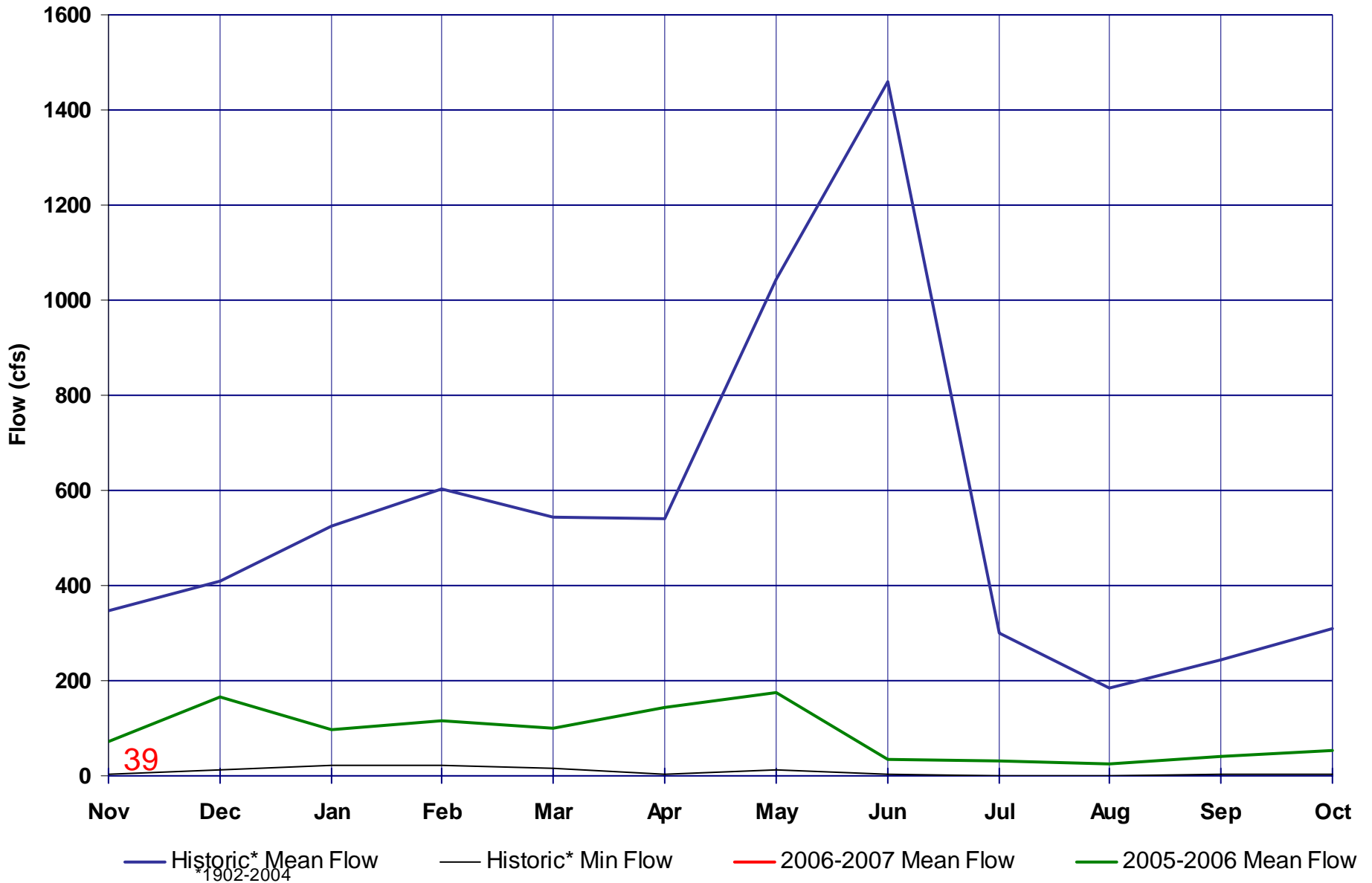
— Historic* Min Flow

— 2006-2007 Mean Flow

— 2005-2006 Mean Flow

South Platte River at Julesburg

Irrigation Water Year



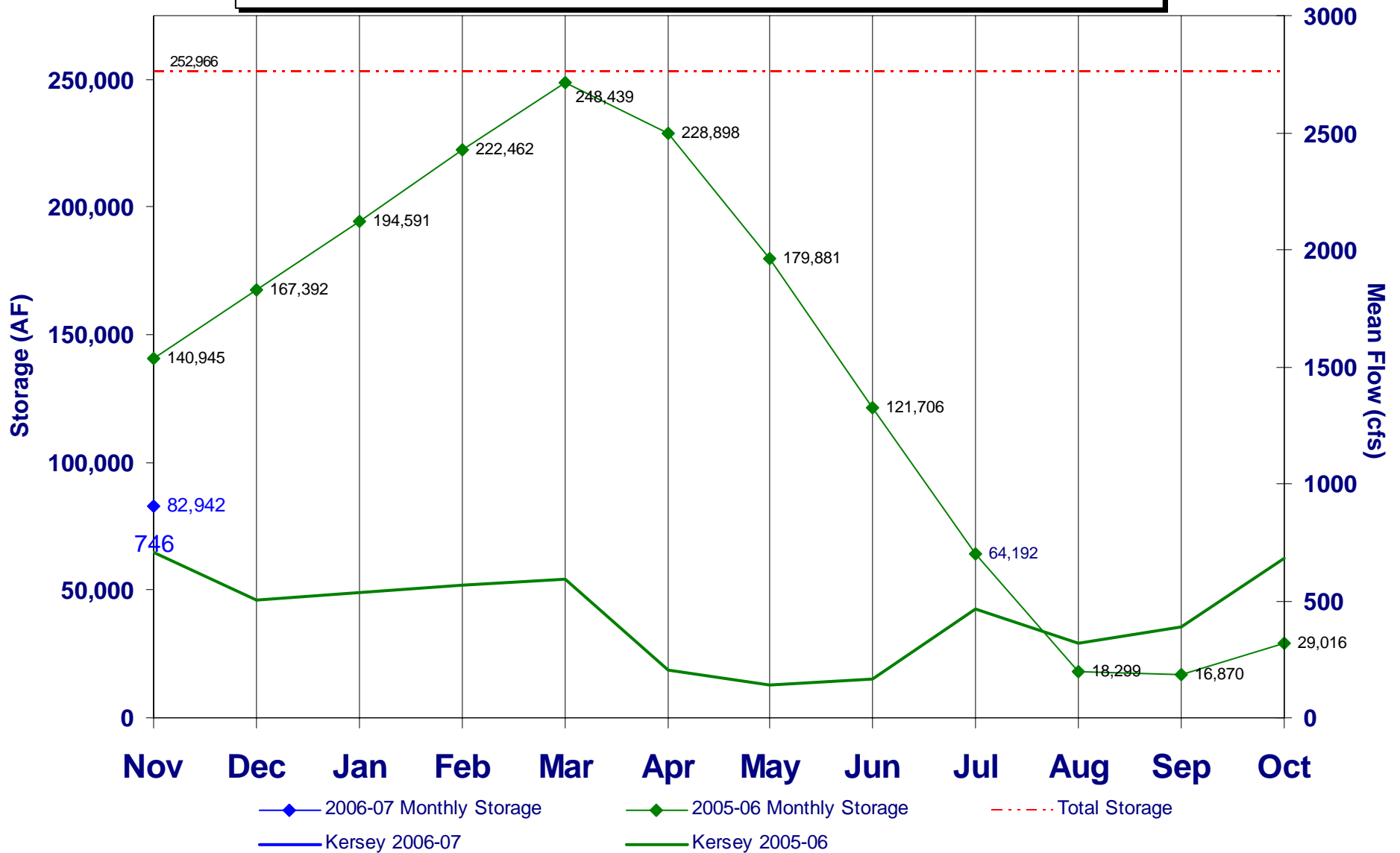
**Next four slides show Reservoir Storage
below and above Kersey**



**Berthoud Pass
(Photo by Jana Ash)**

Reservoir Storage below Kersey

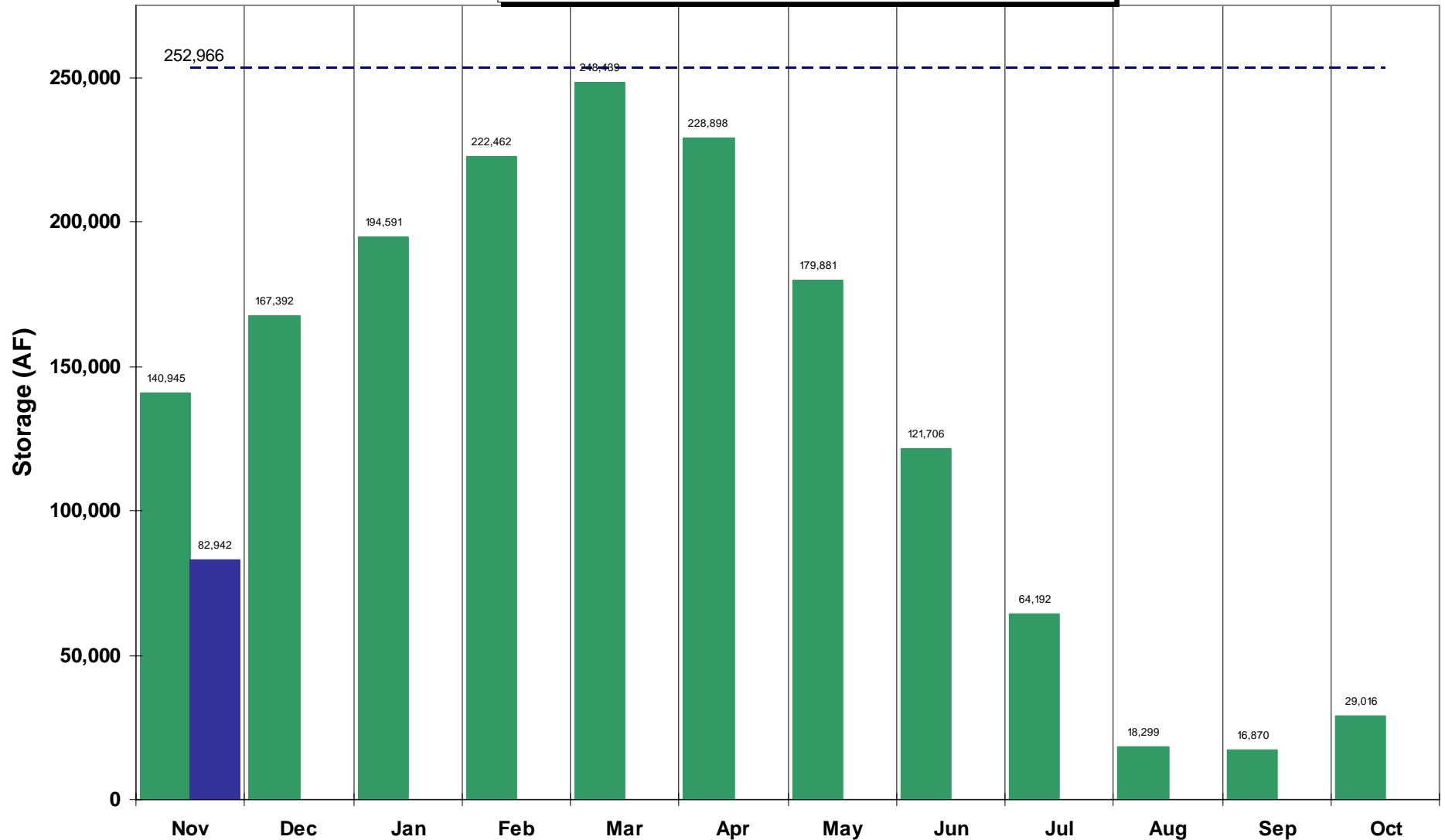
Selected Reservoirs*



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

South Platte Reservoirs

Storage below Kersey*

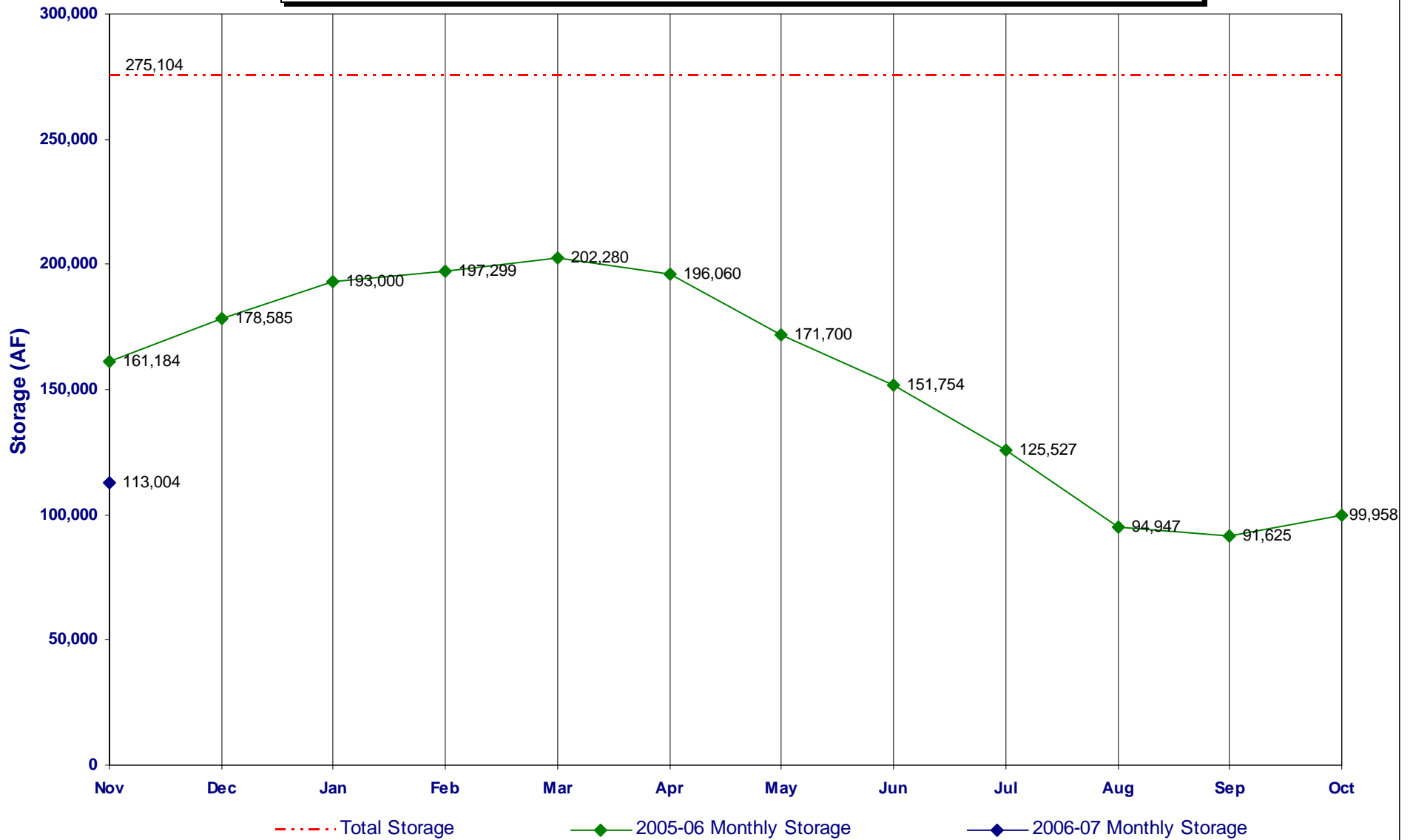


■ 2005-06 Monthly Storage
 ■ 2006-07 Monthly Storage
 - - - - Total Storage

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

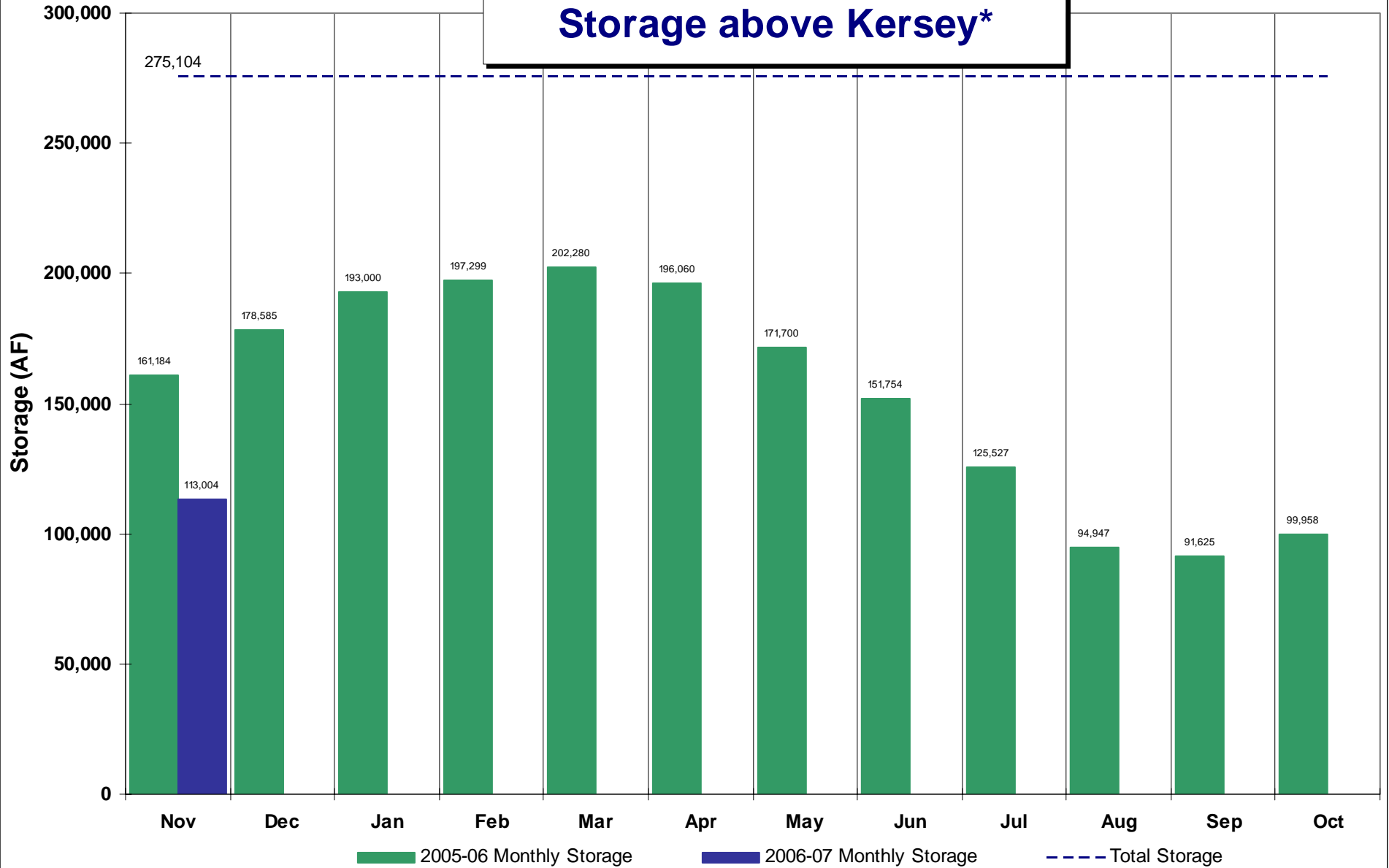
Reservoir Storage above Kersey

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

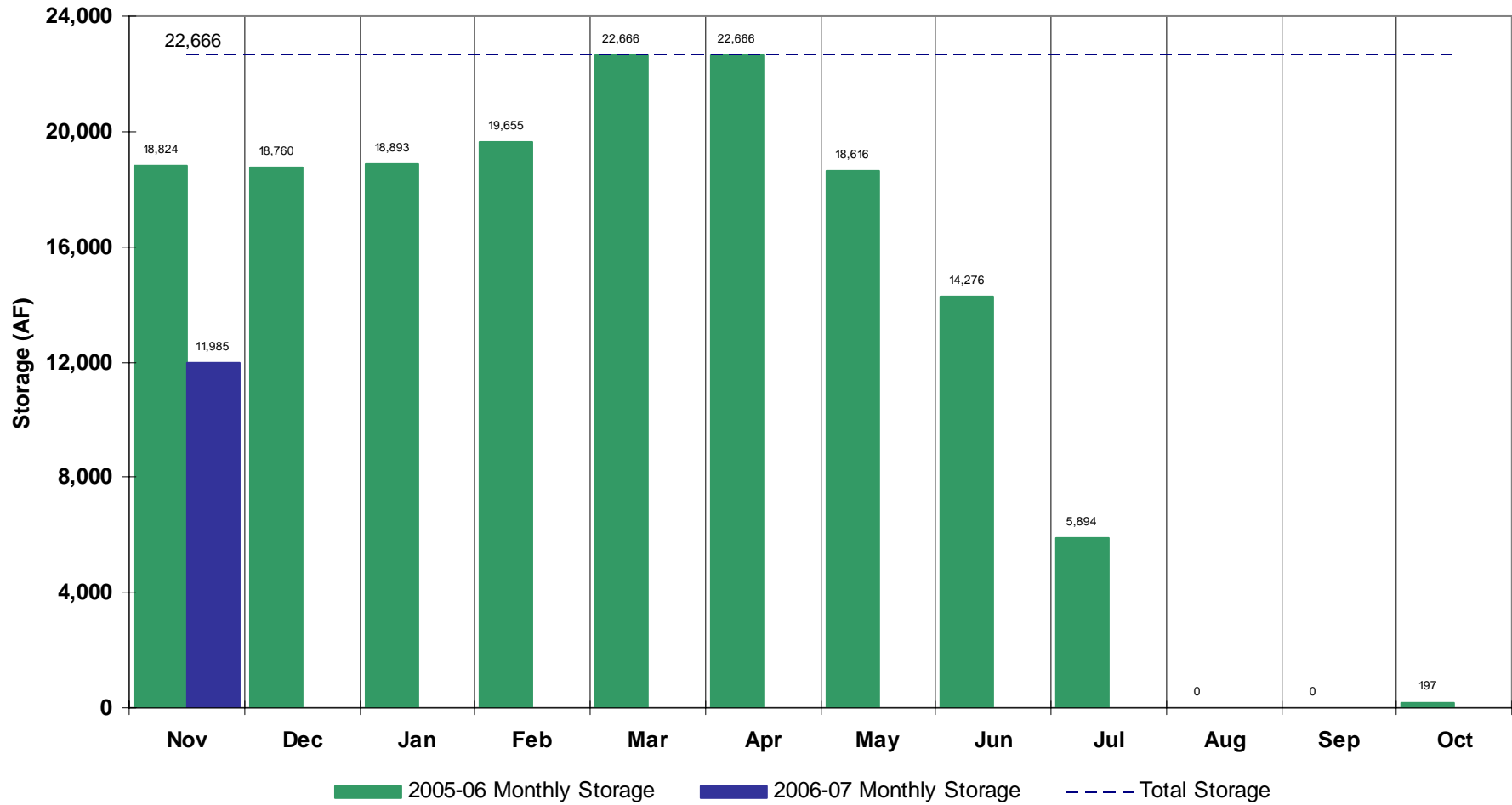


Individual Reservoir Storage Follows

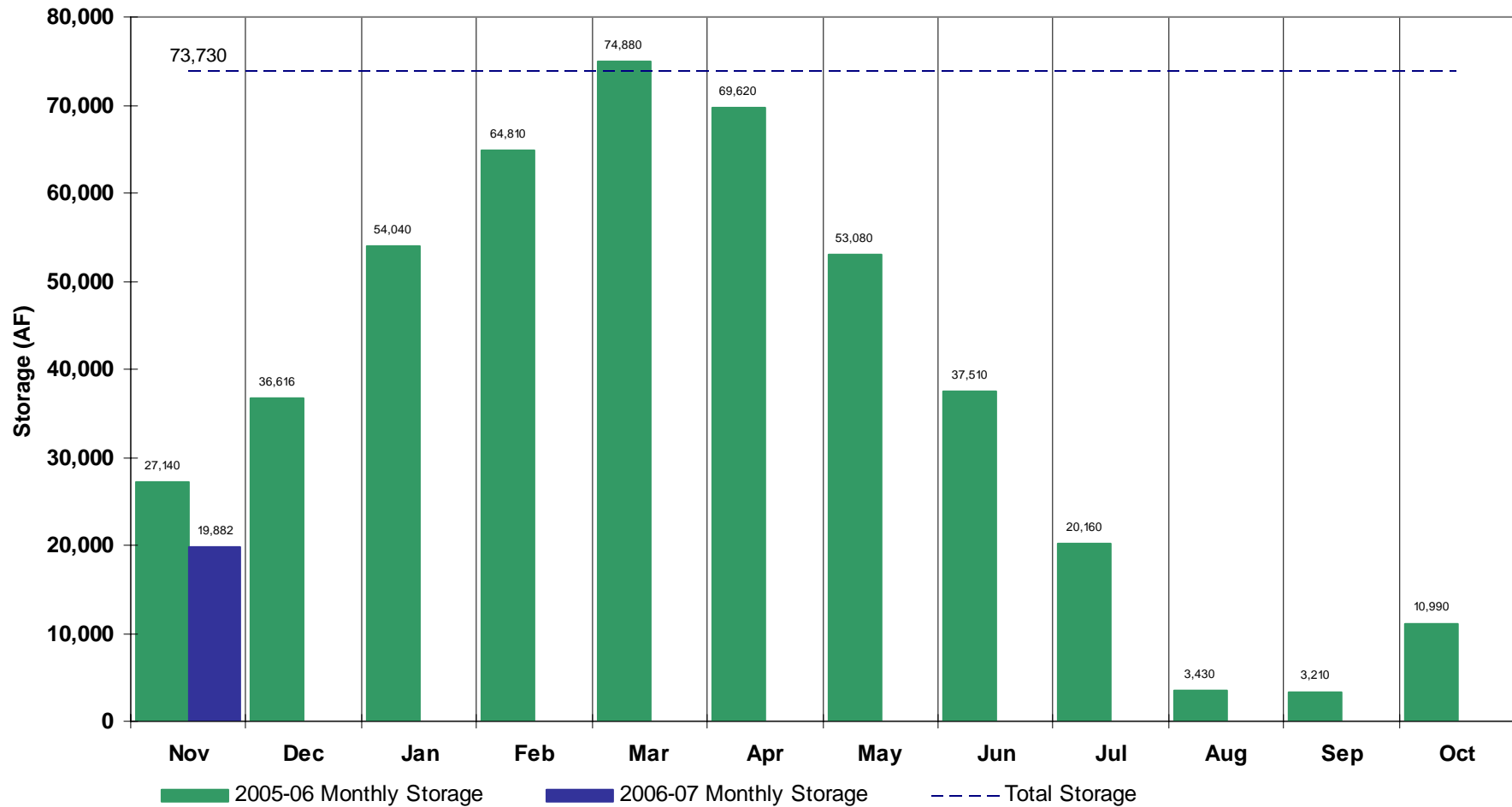
Dillon Reservoir
(photo by Jana Ash)

Julesburg Reservoir

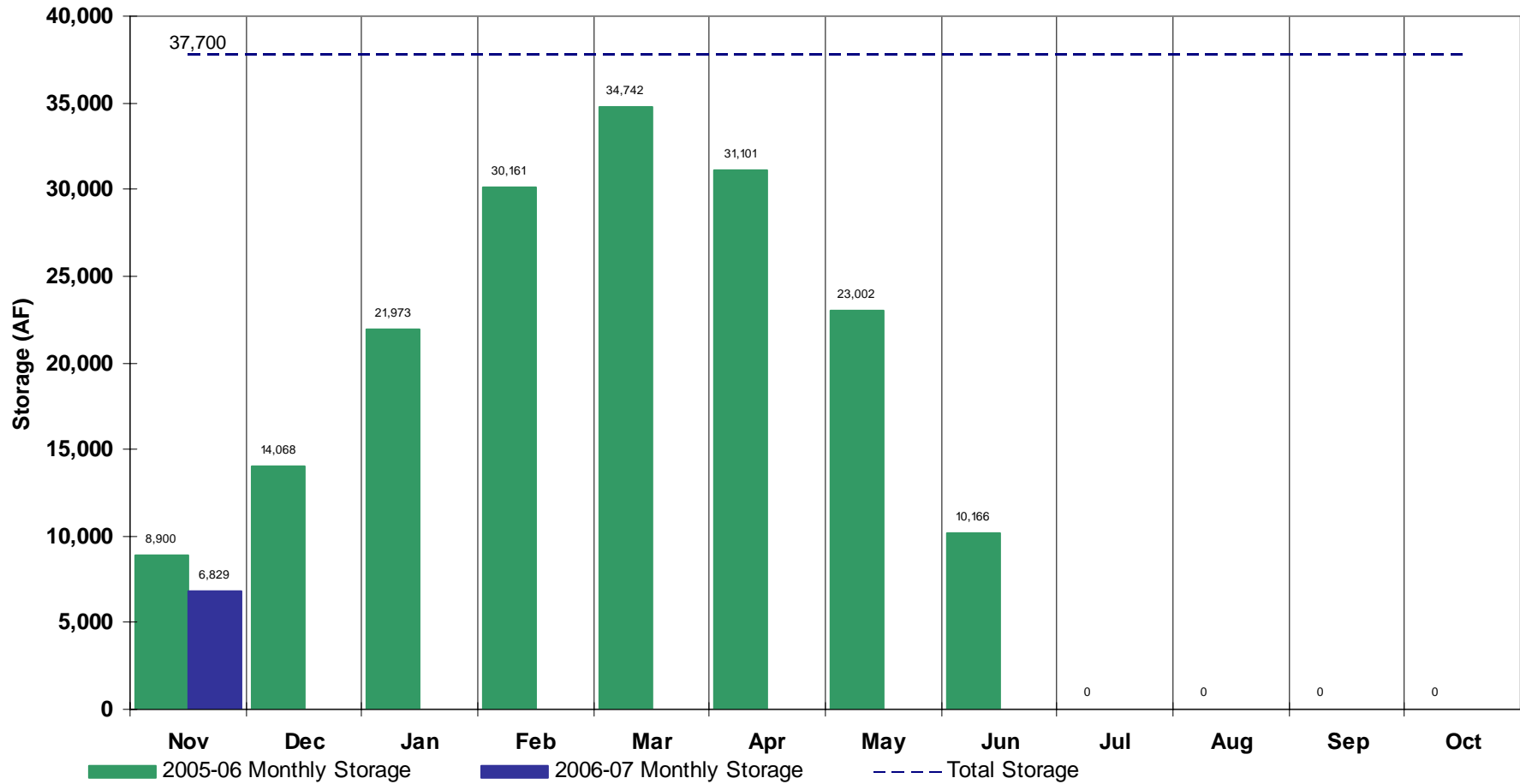
(Agricultural)



North Sterling Reservoir (Agricultural)

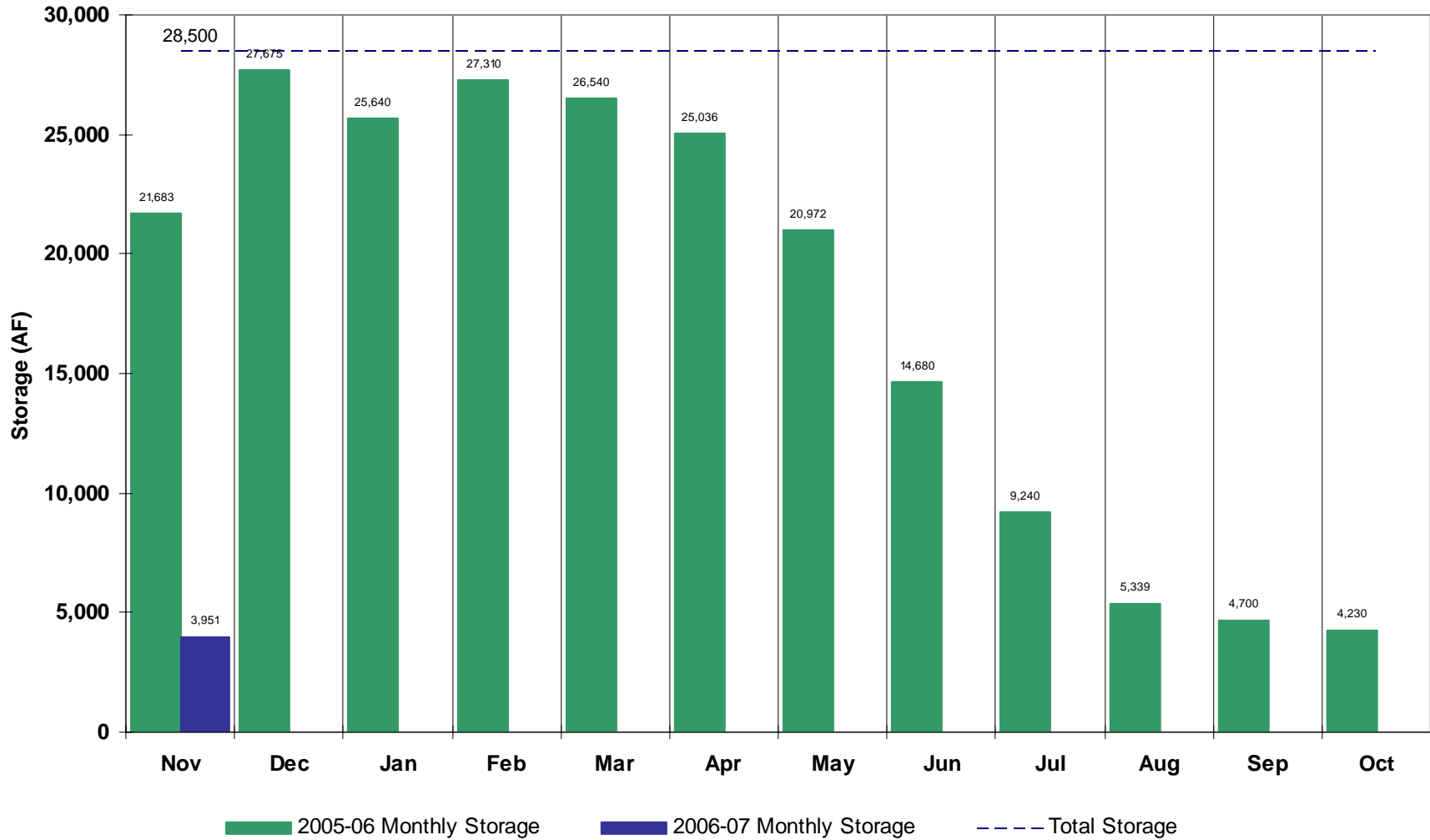


Empire Reservoir (Agricultural)



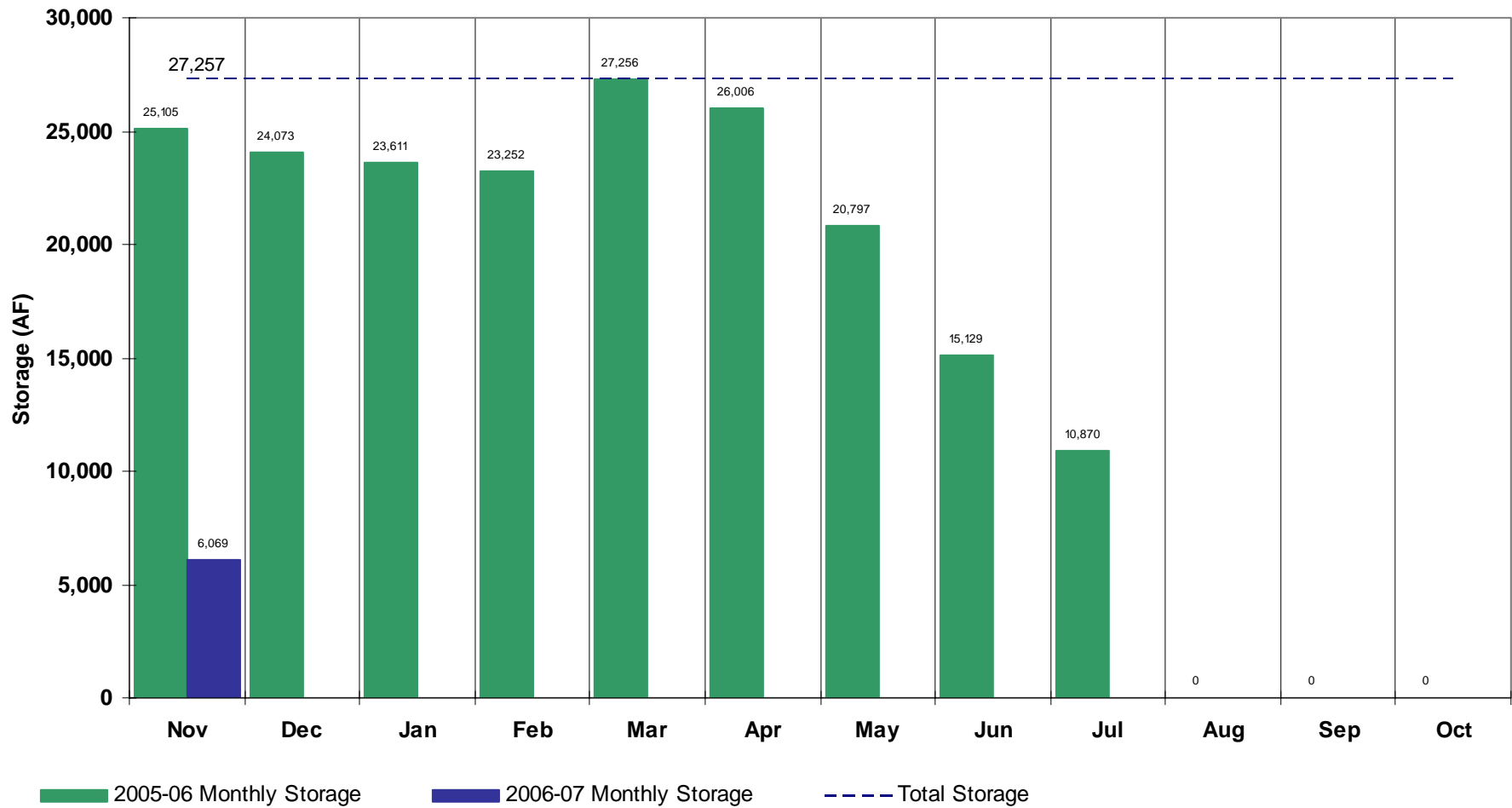
Prewitt Reservoir

(Agricultural)



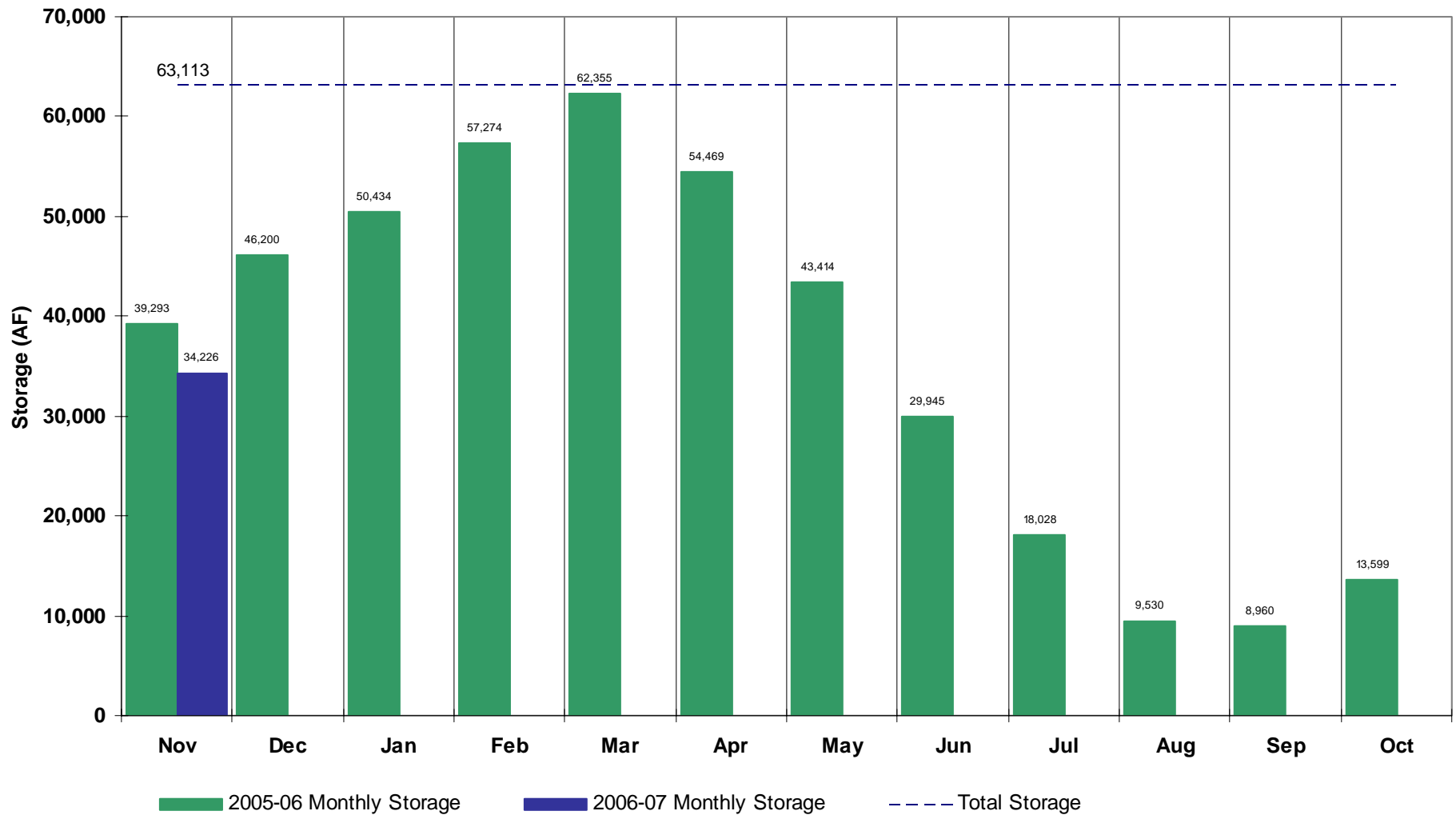
Jackson Reservoir

(Agricultural)

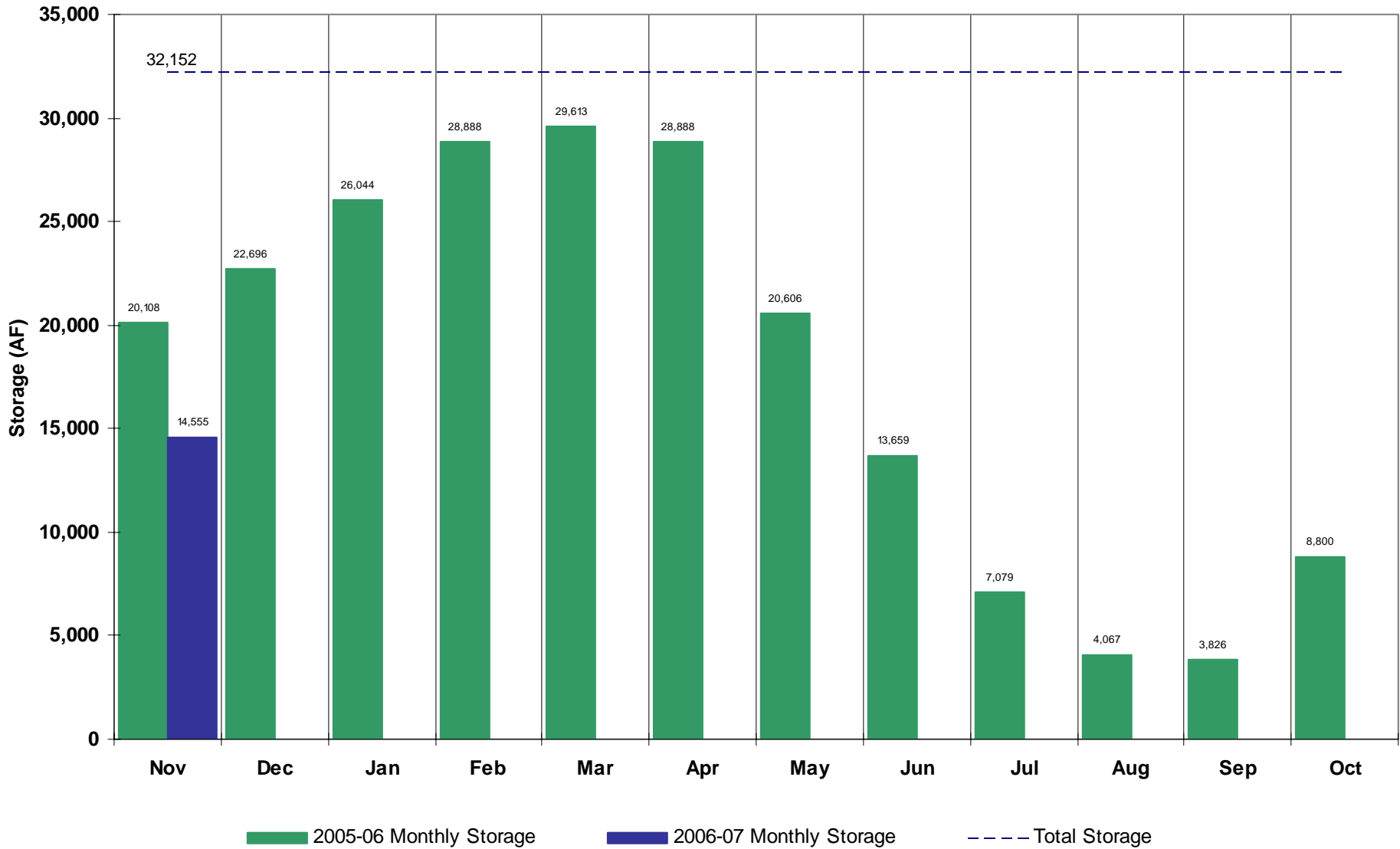


Riverside Reservoir

(Agricultural)

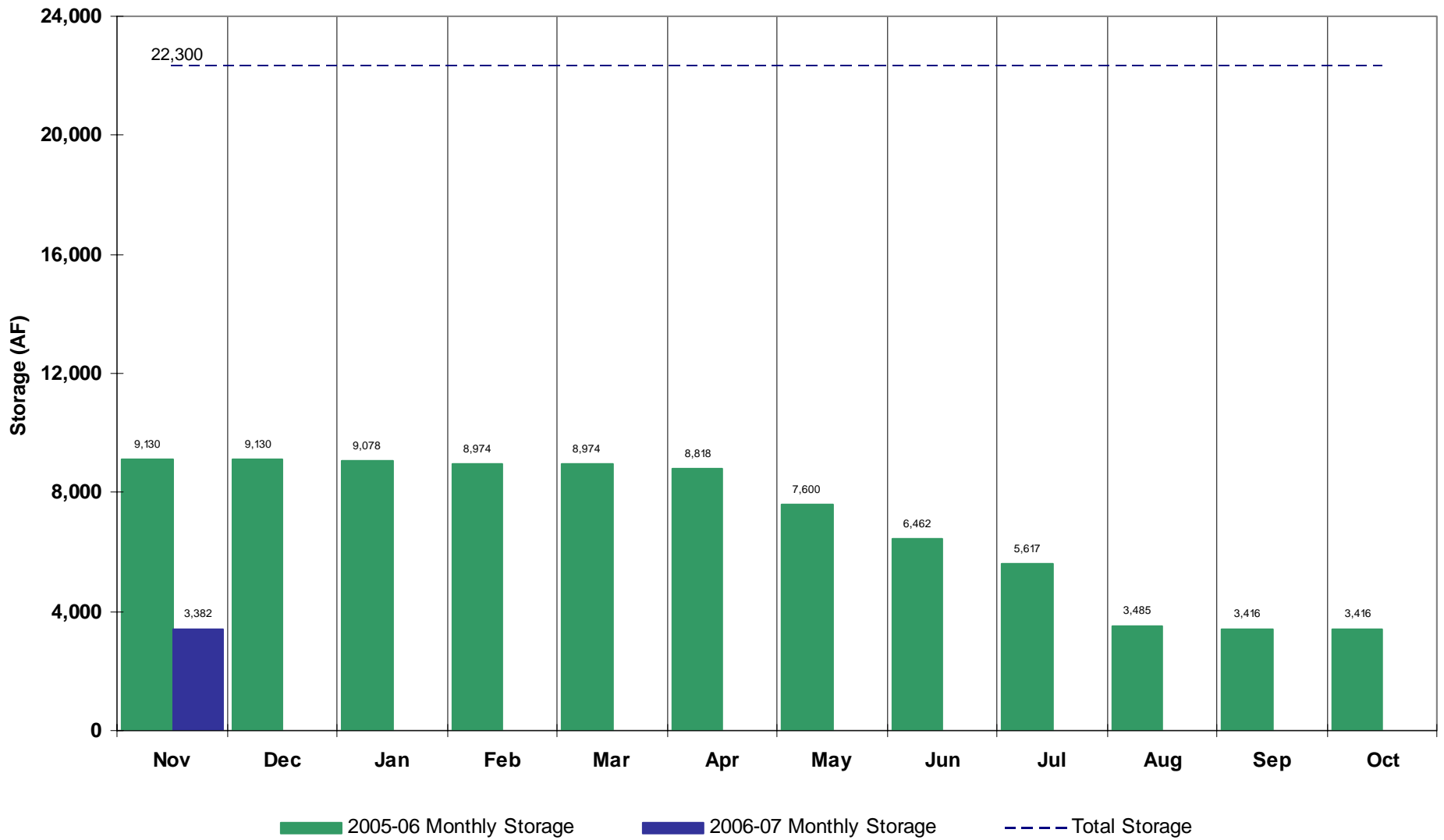


Barr Lake (Agricultural)



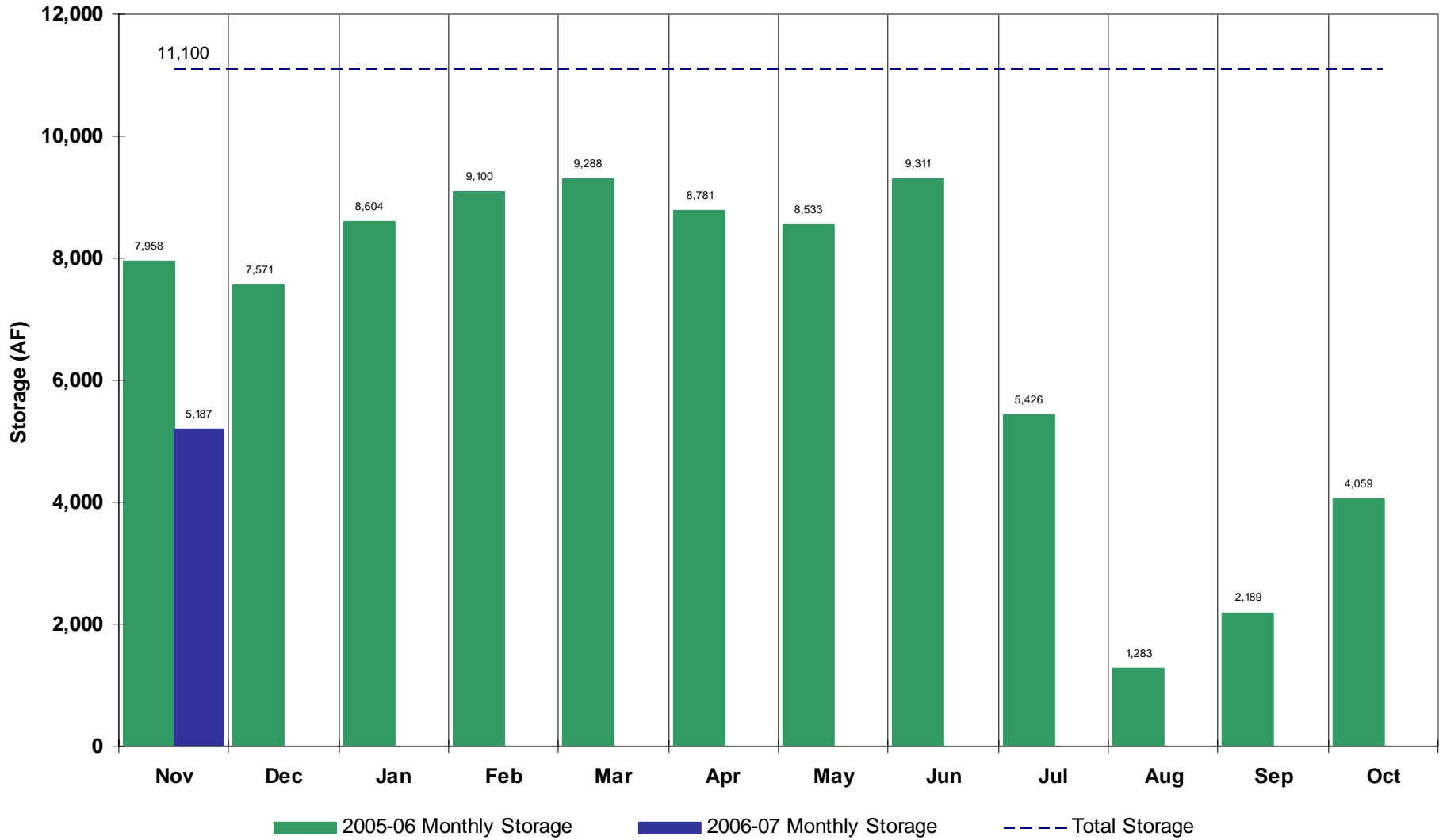
Cobb Lake

(Agricultural)

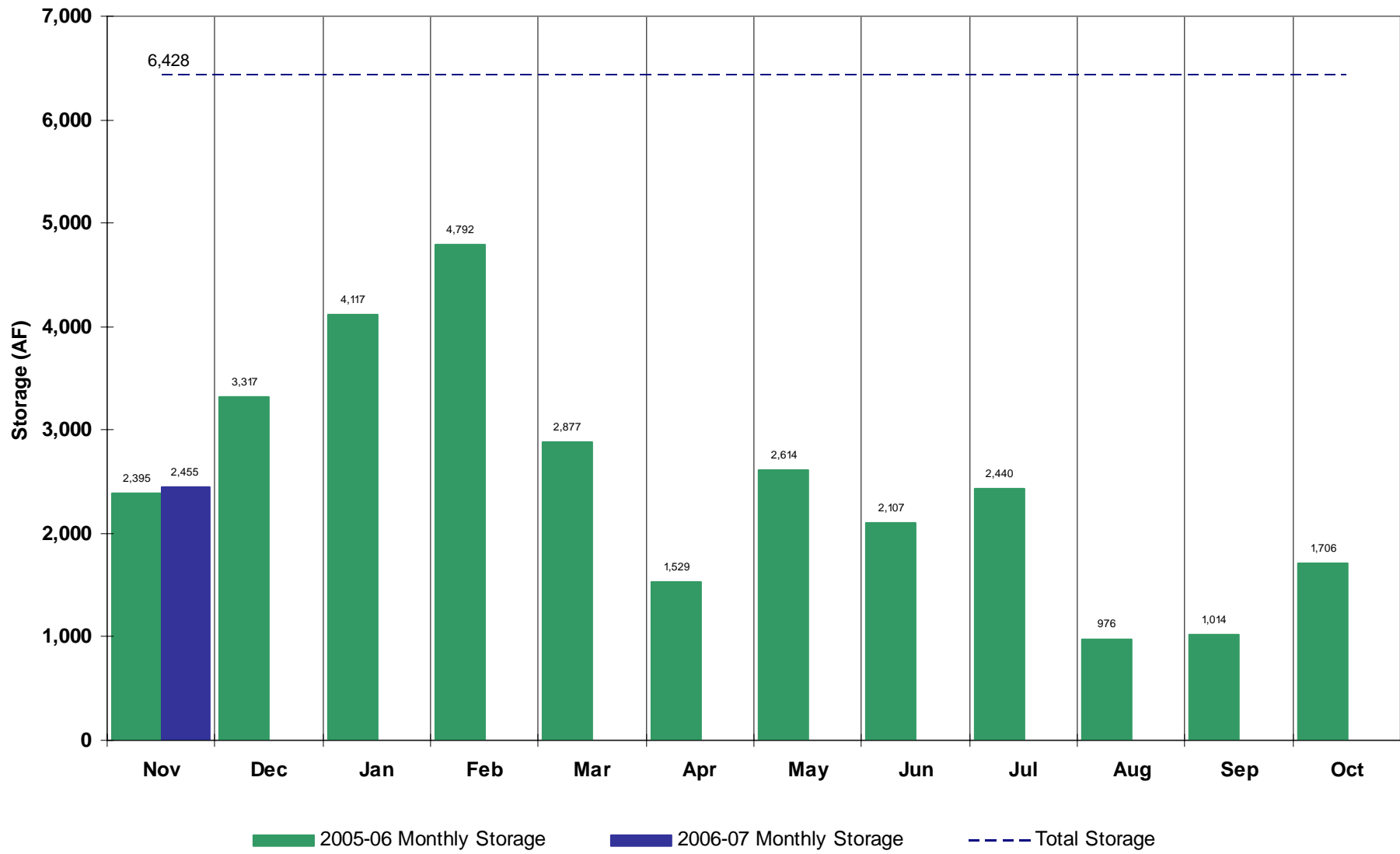


Fossil Creek Reservoir

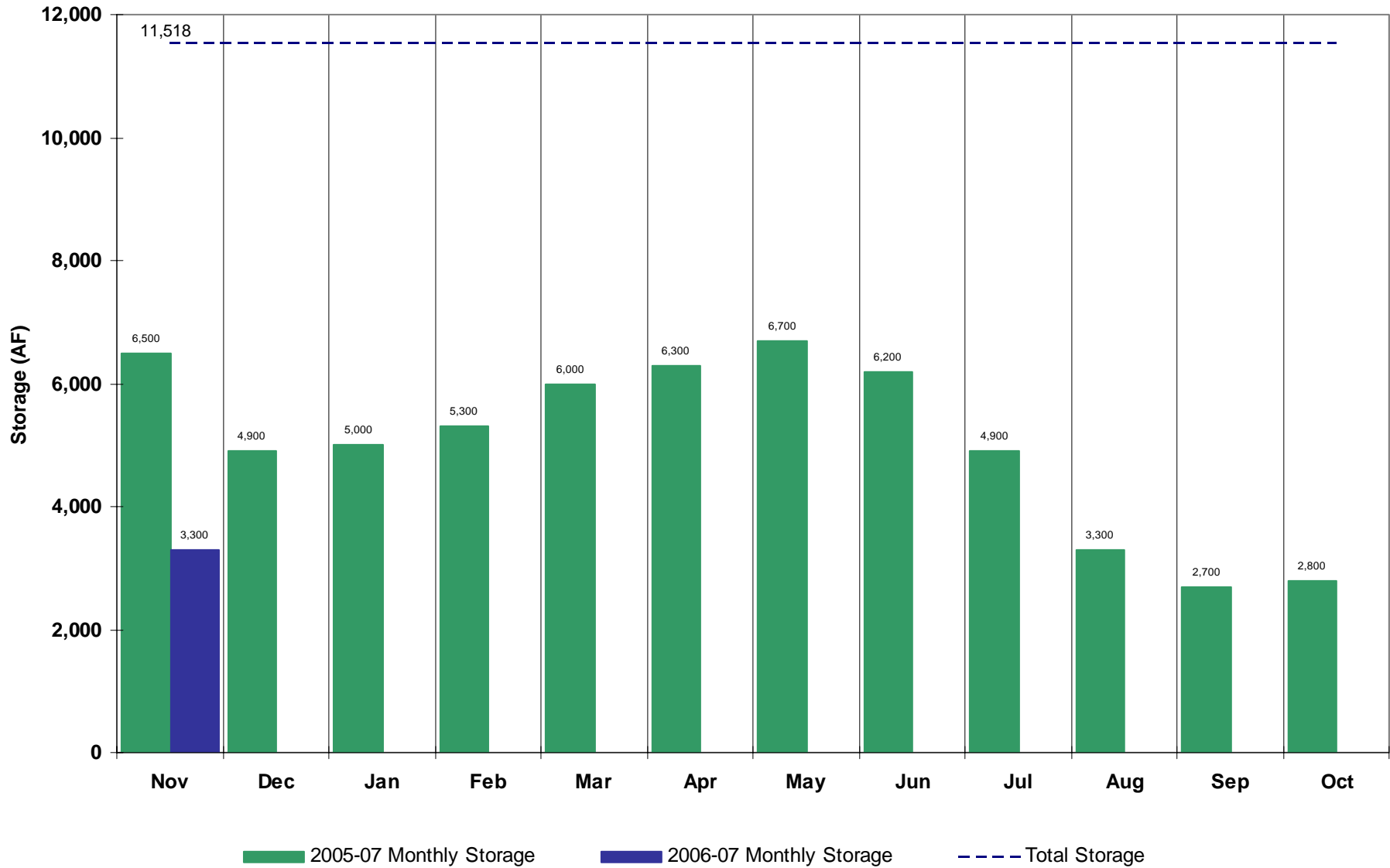
(Agricultural)



Halligan Reservoir (Agricultural)

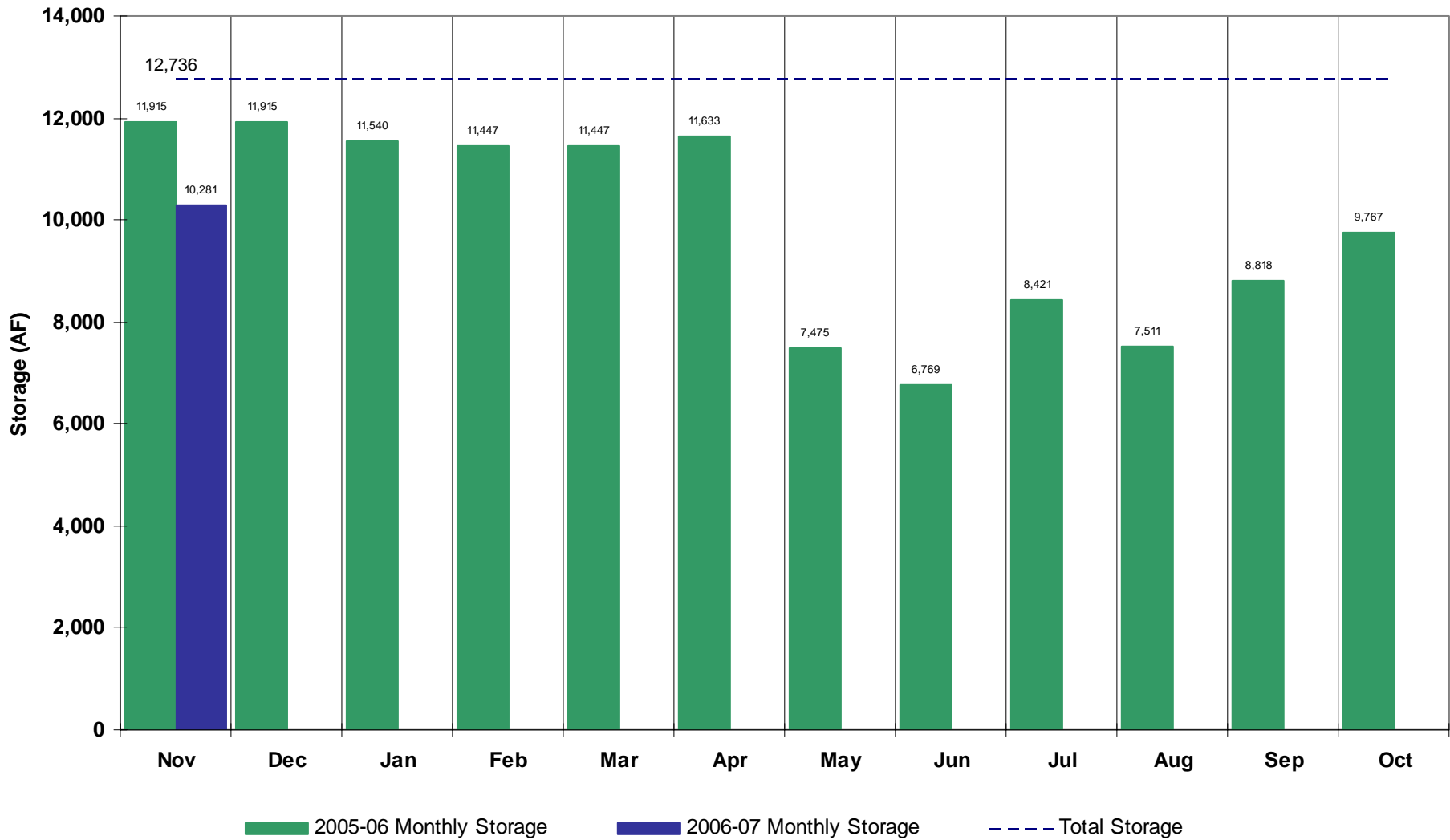


Marshall Lake (Agricultural)

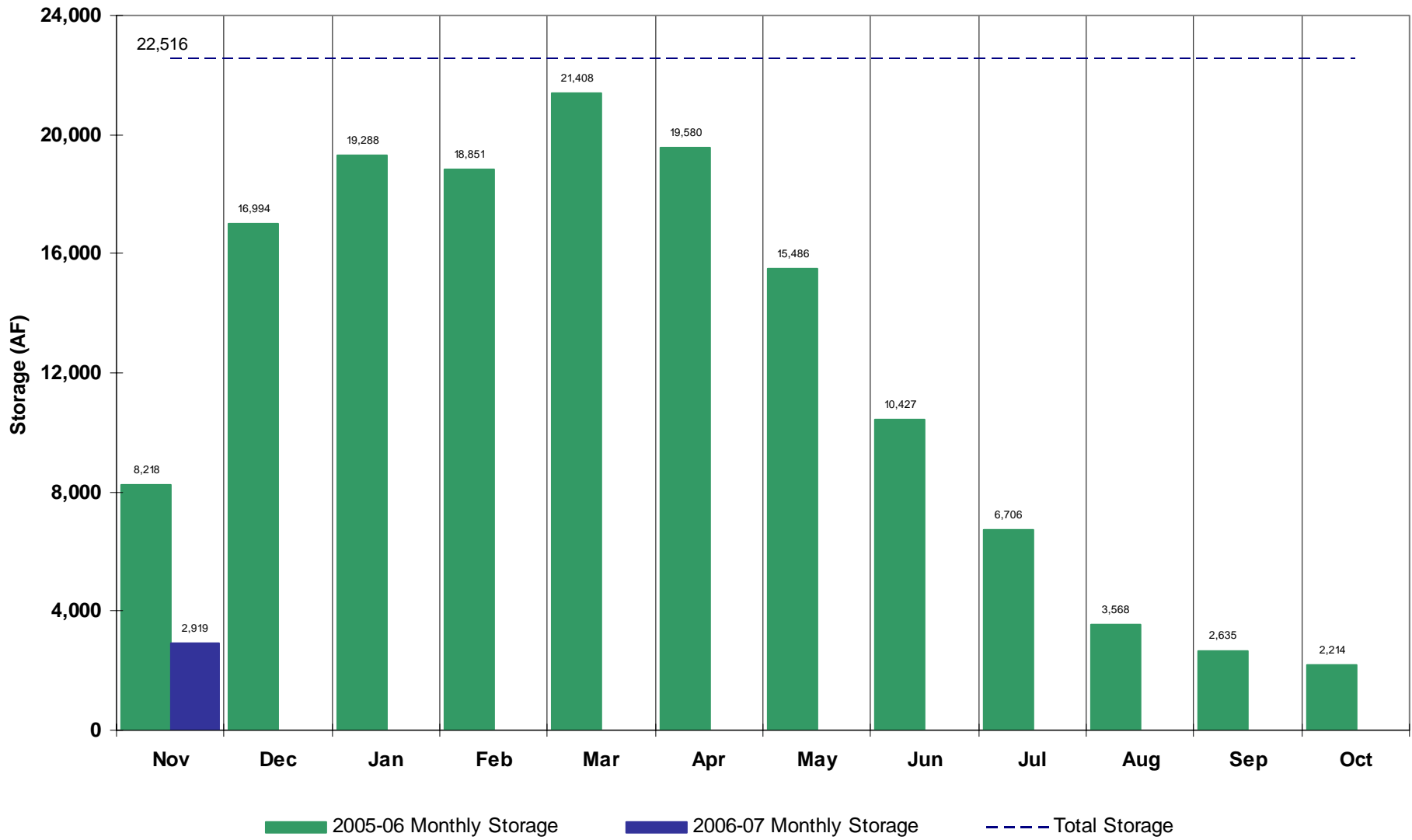


Loveland Greeley Reservoir

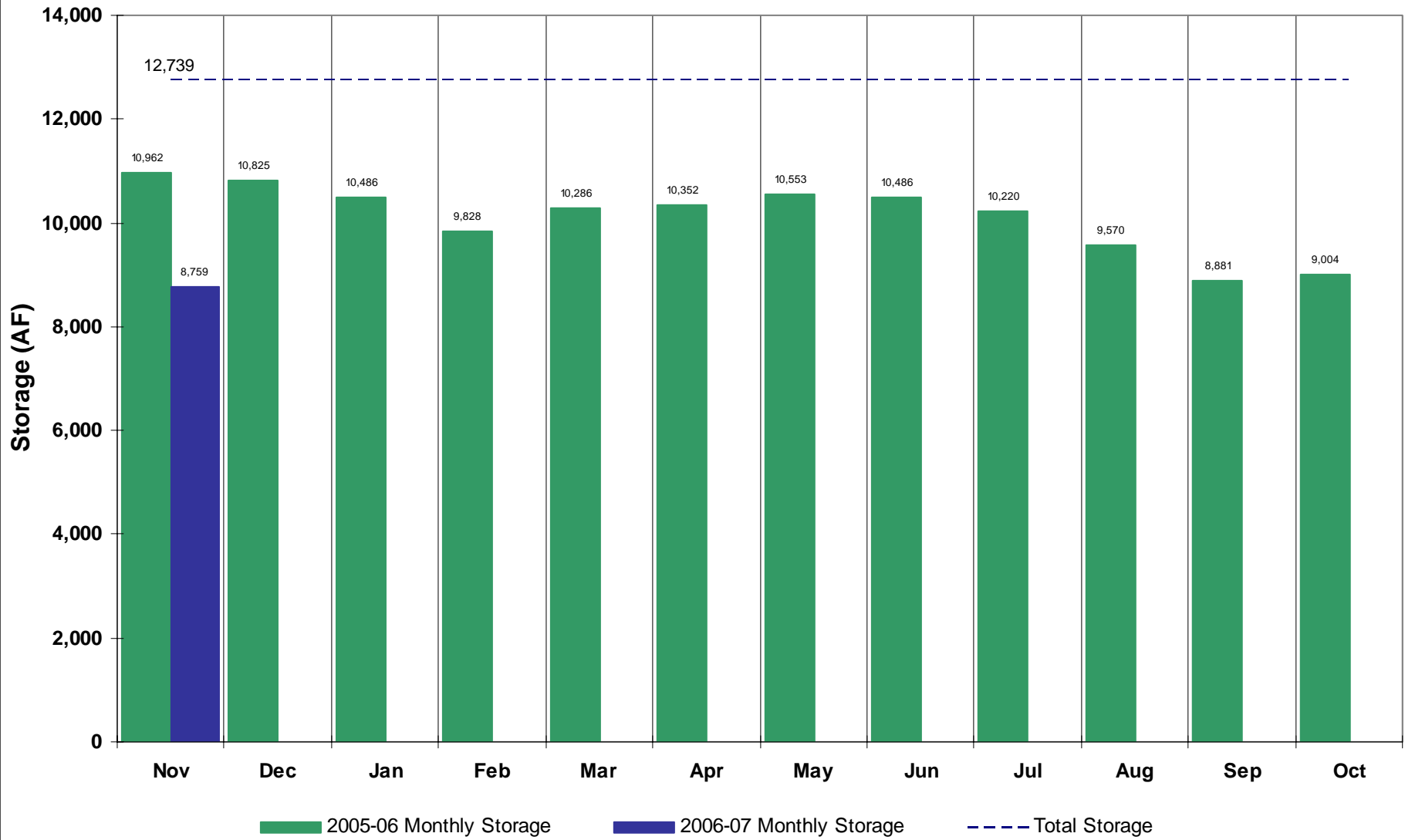
(Agricultural)



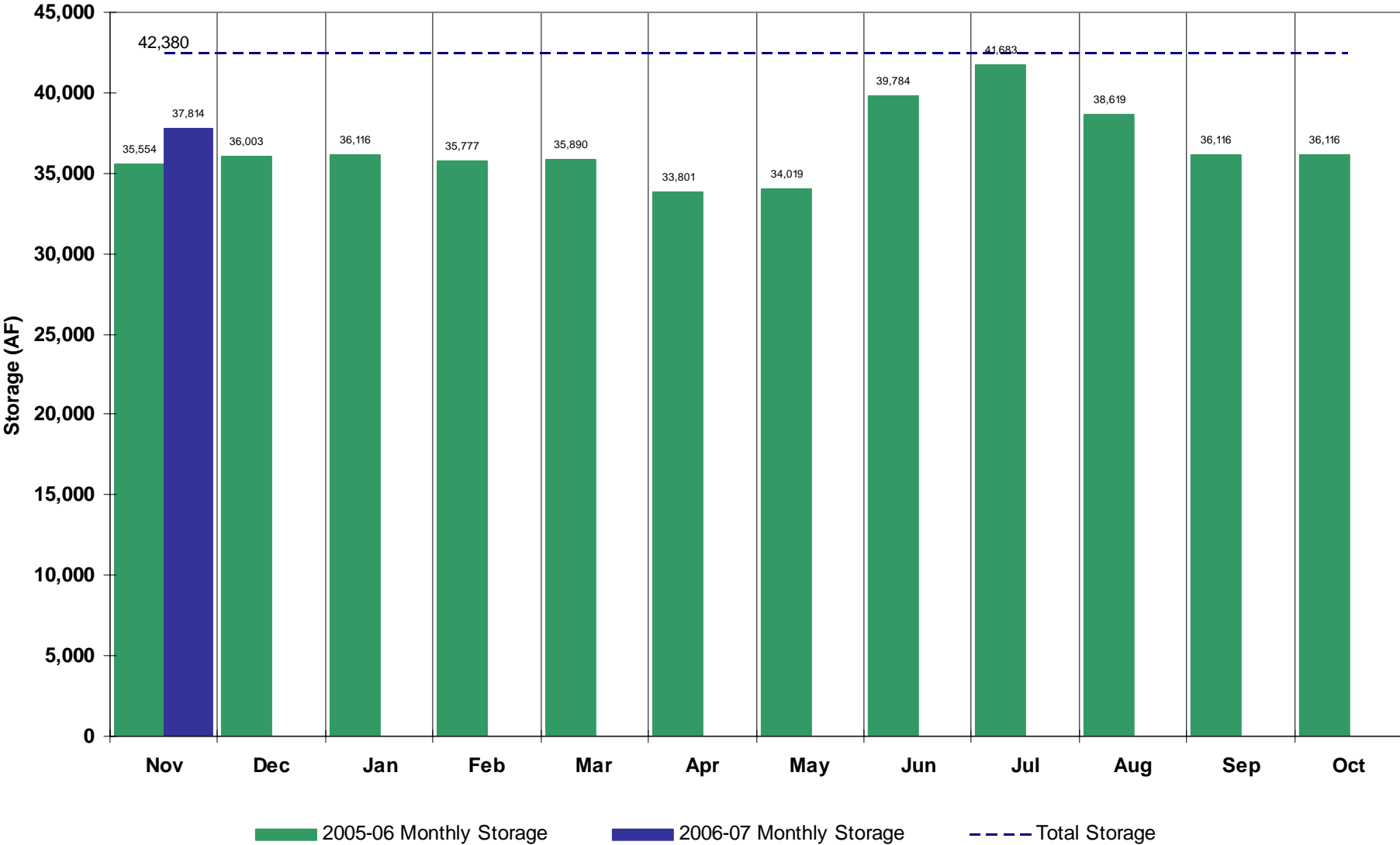
Milton Reservoir (Agricultural)



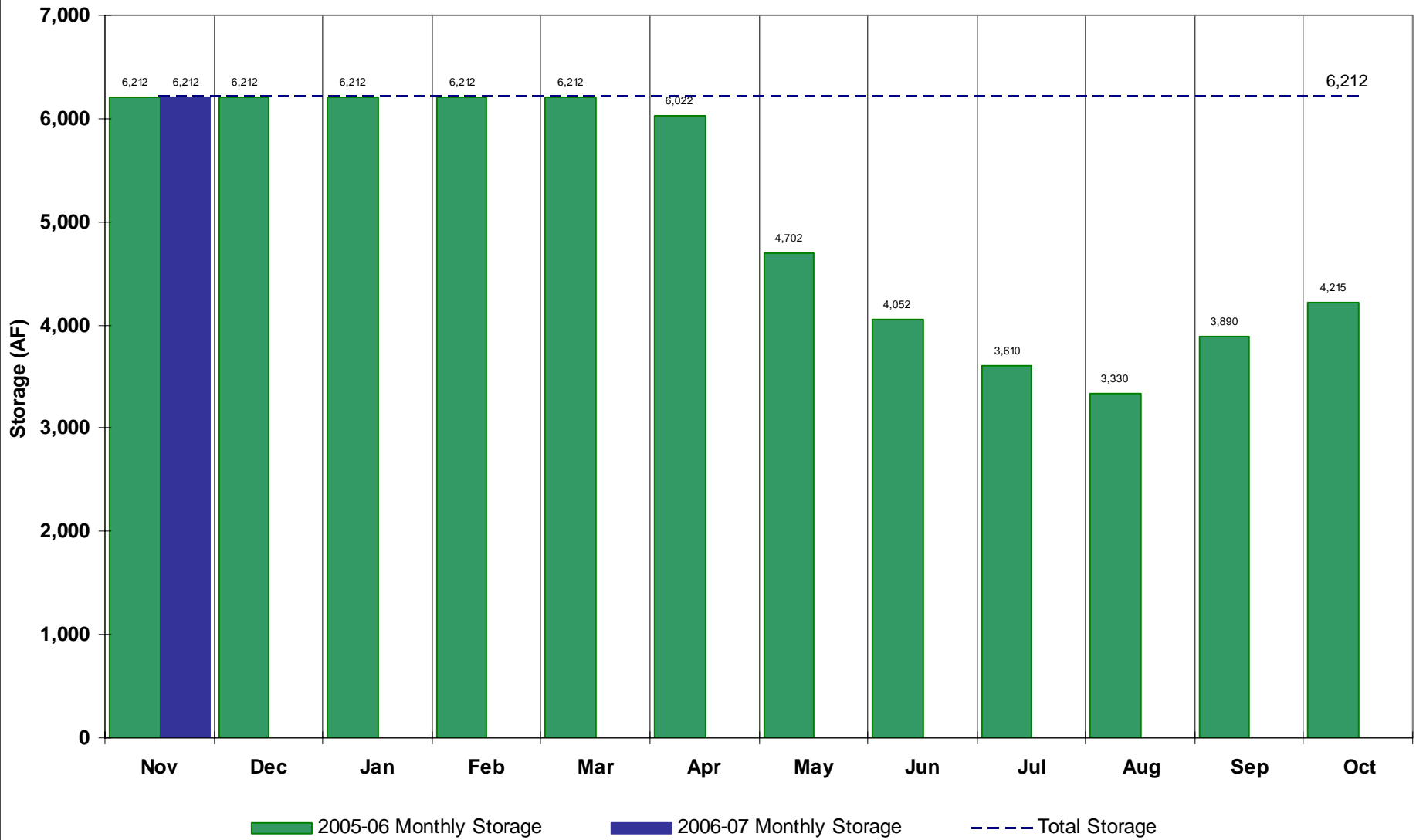
Union Reservoir (Agricultural)



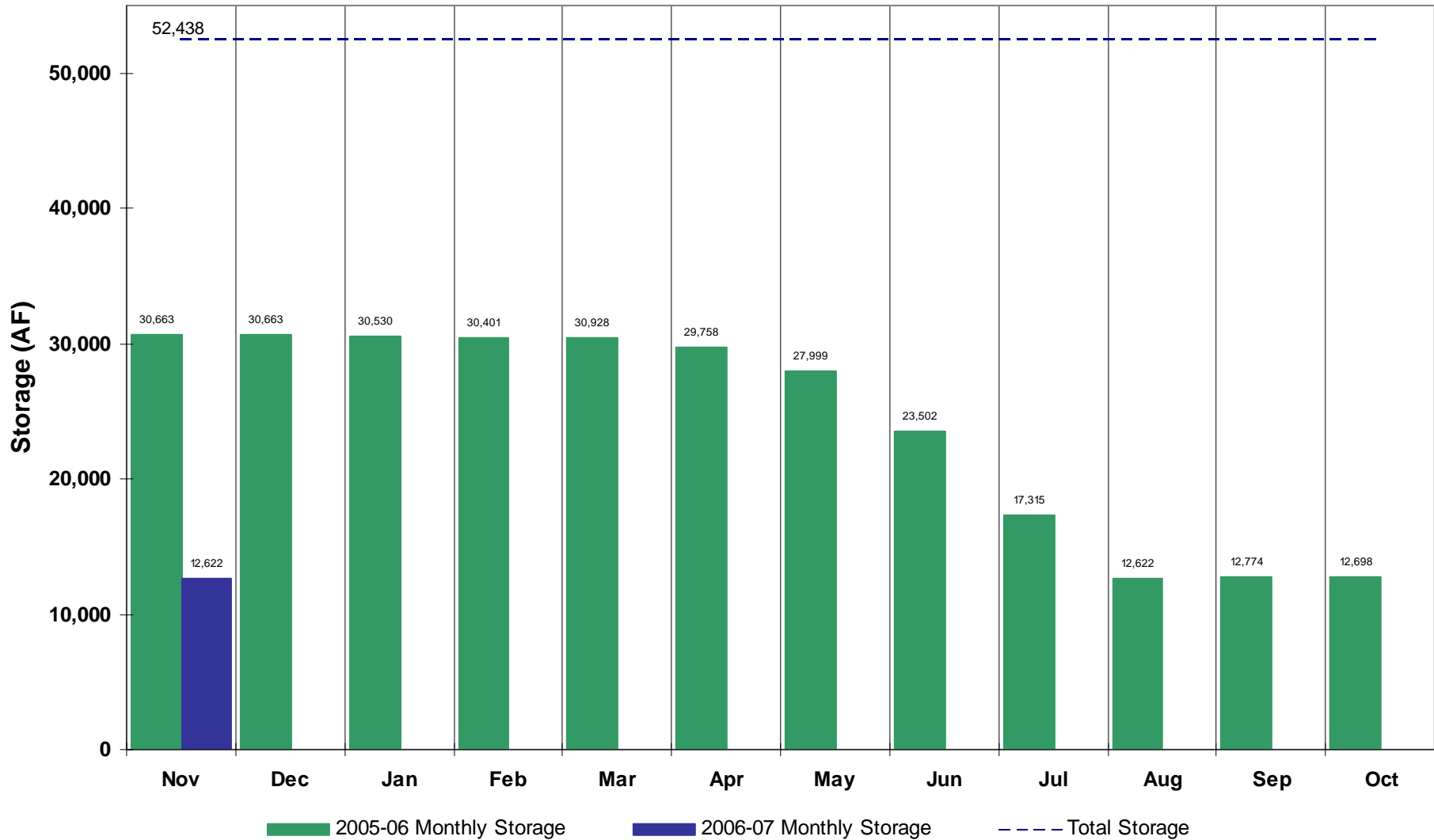
Standley Lake (Agricultural)



Lower Latham Reservoir (Agricultural)

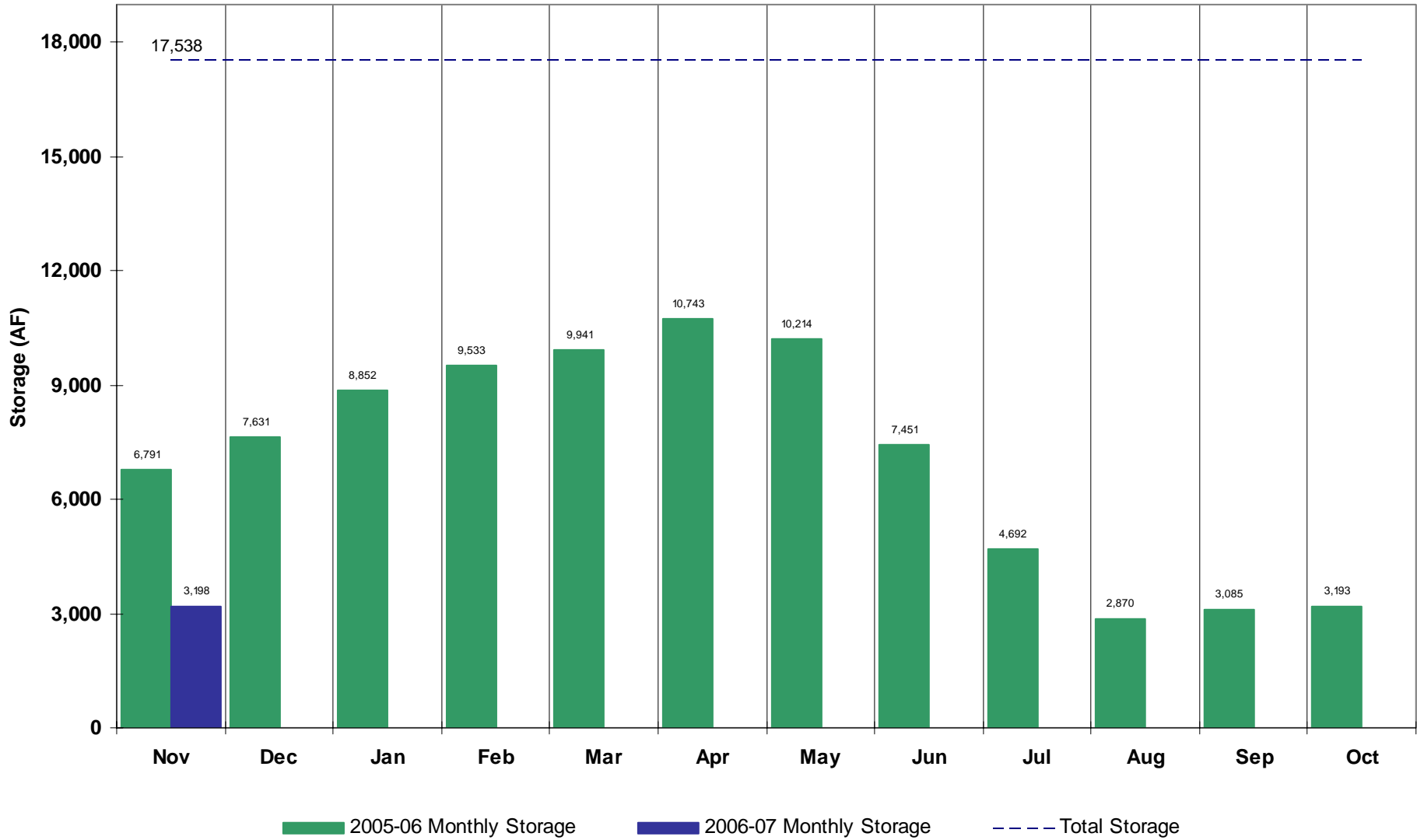


Boyd Lake (Agricultural)



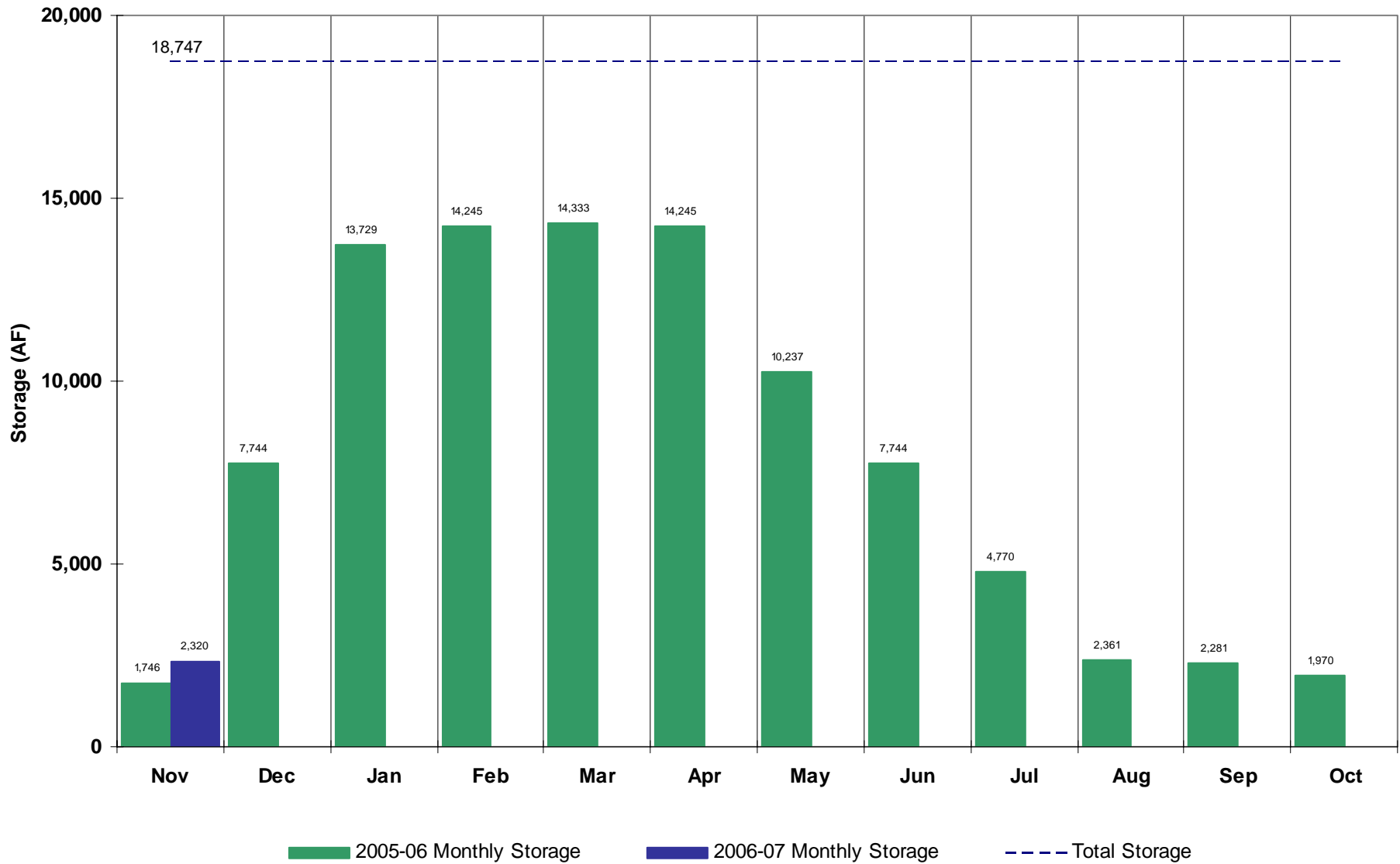
Windsor Reservoir

(Agricultural)

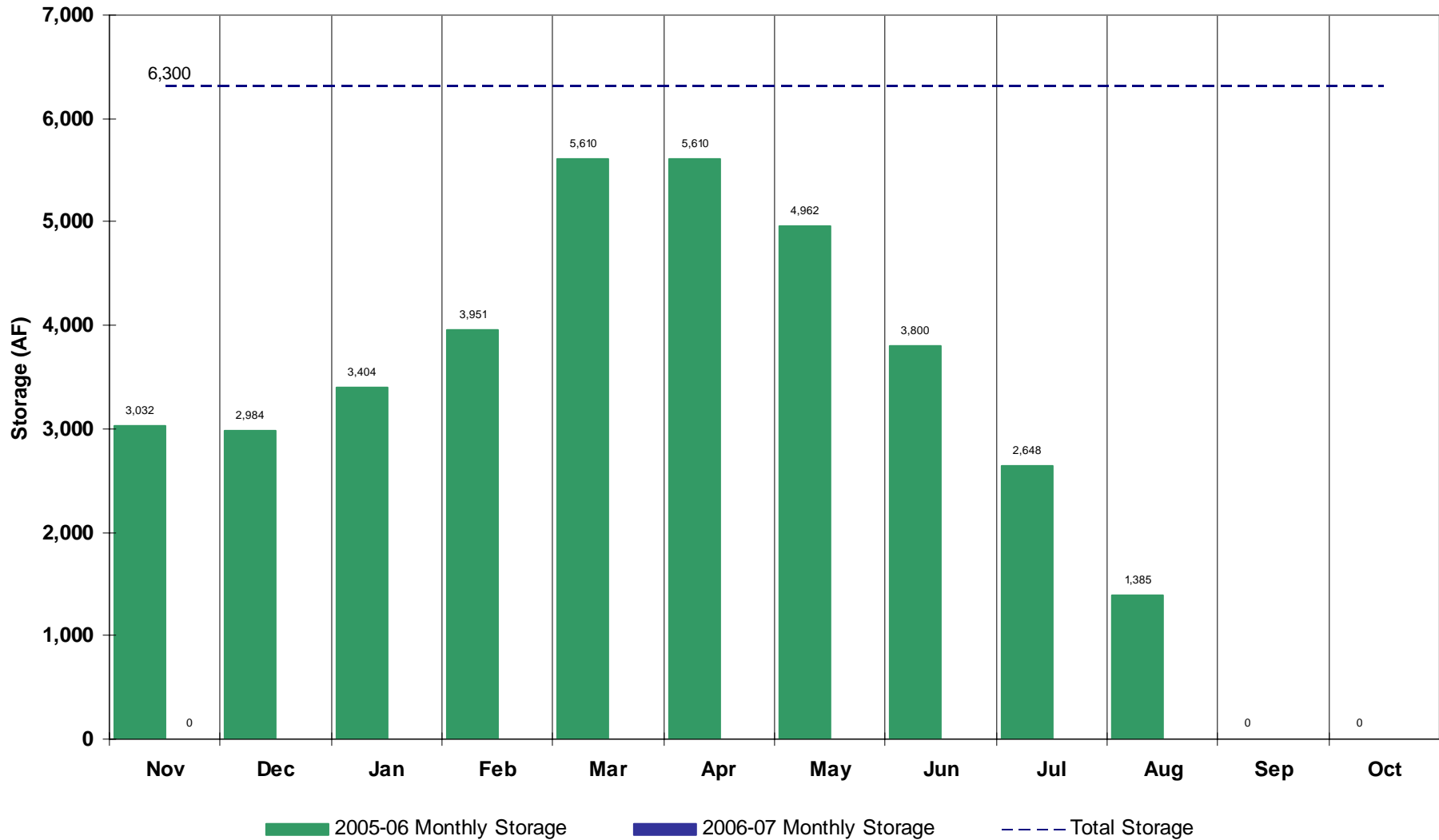


Horse Creek Reservoir

(Agricultural)

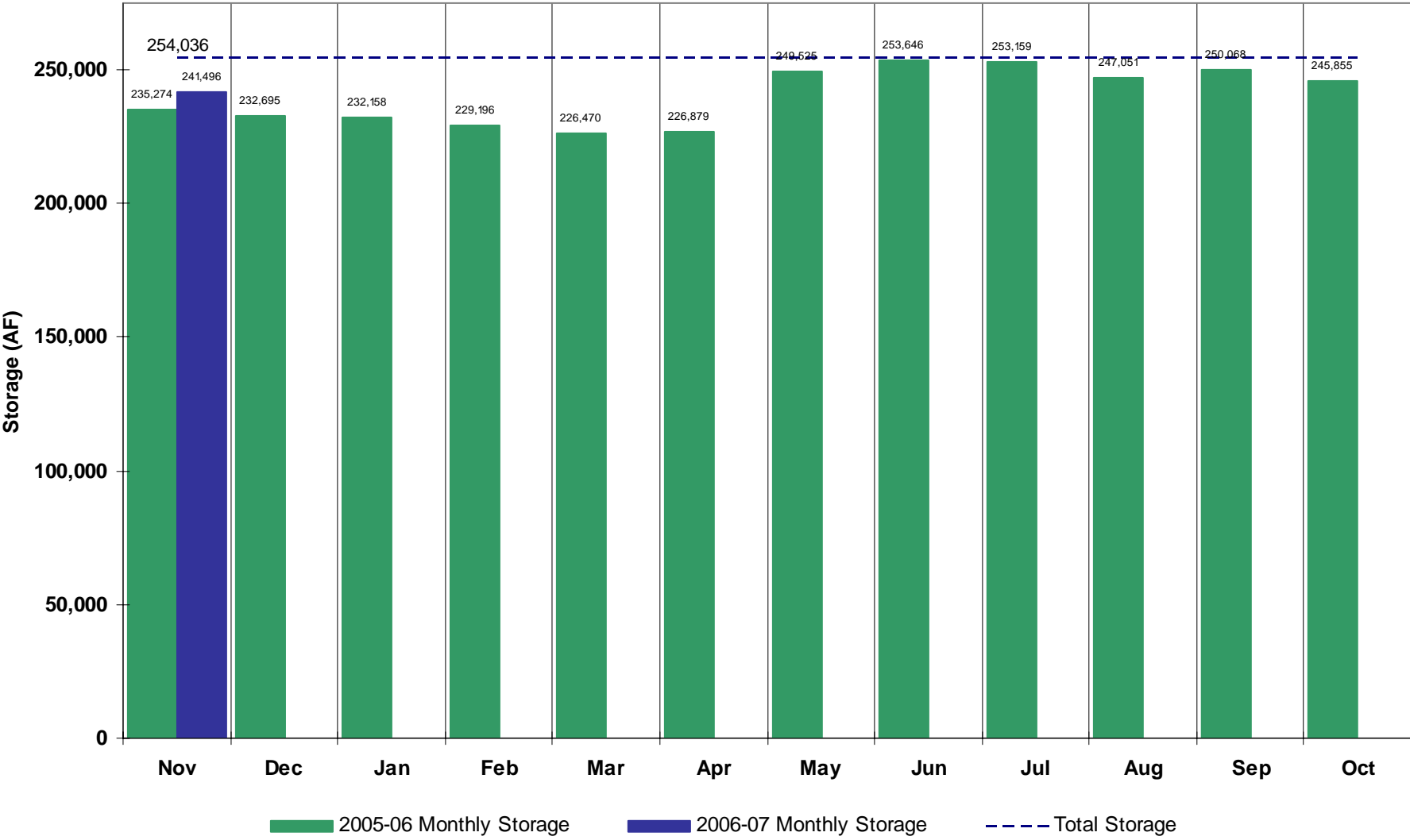


Prospect Reservoir (Agricultural)



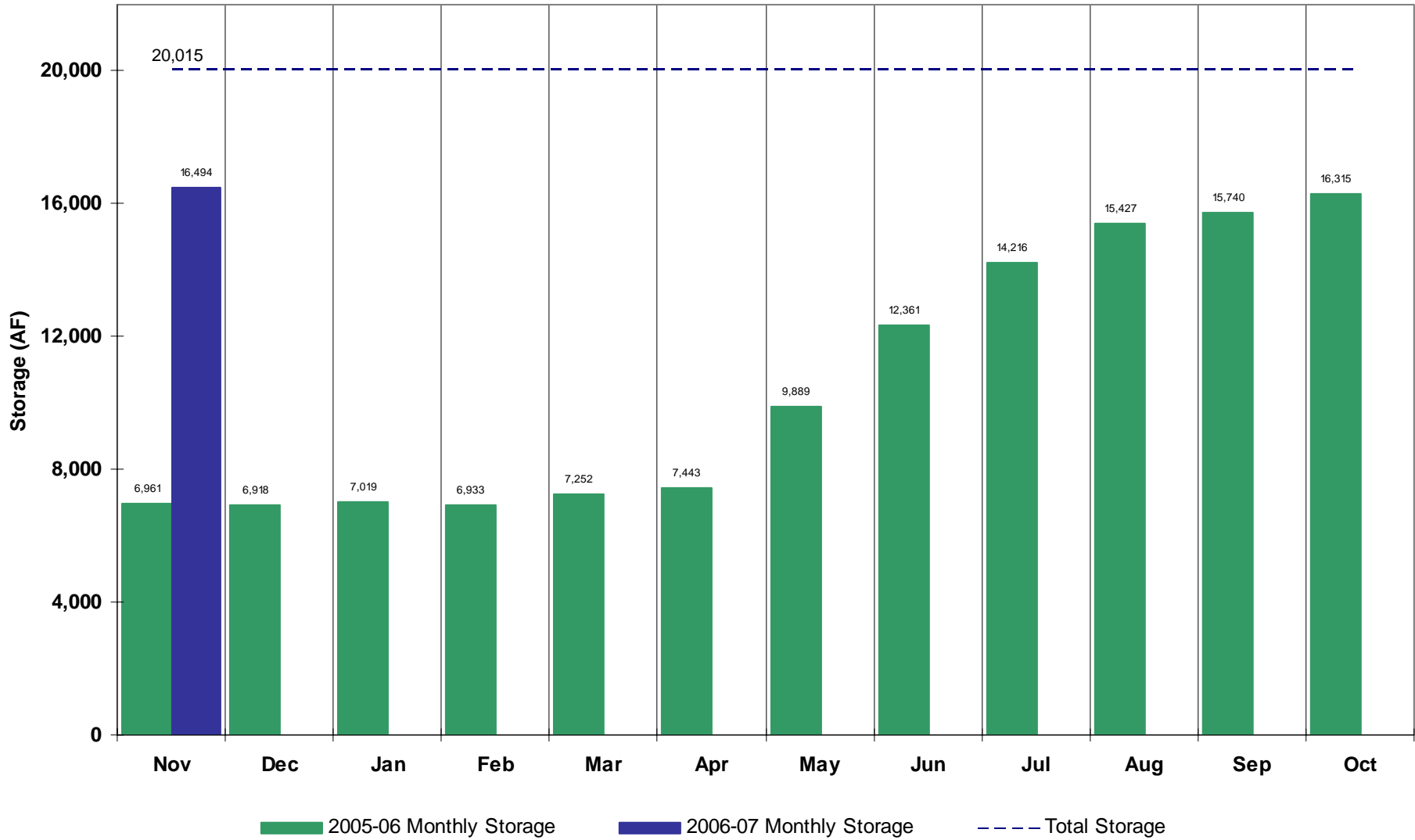
Dillon Reservoir

(Municipal)



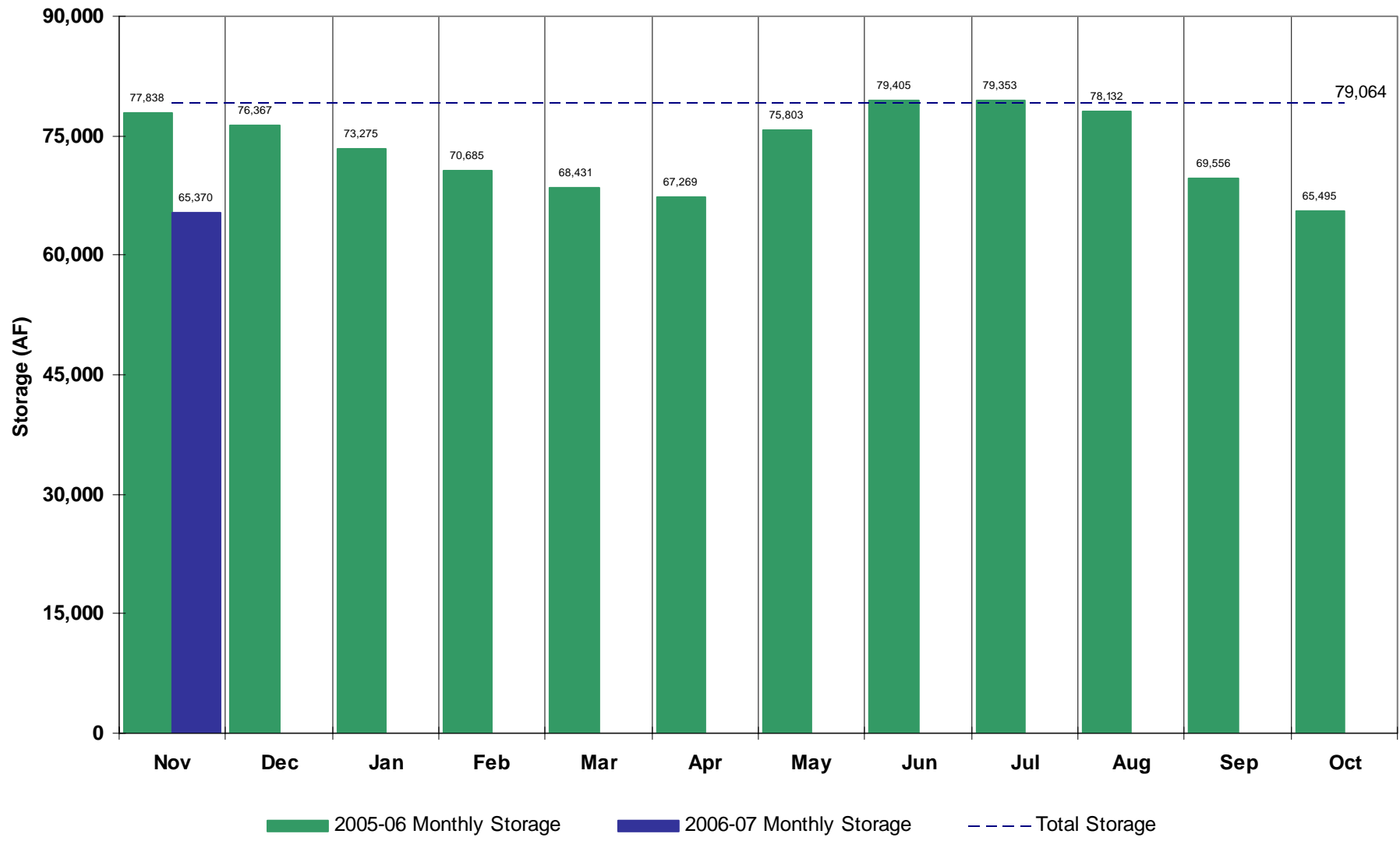
Antero Reservoir

(Municipal)



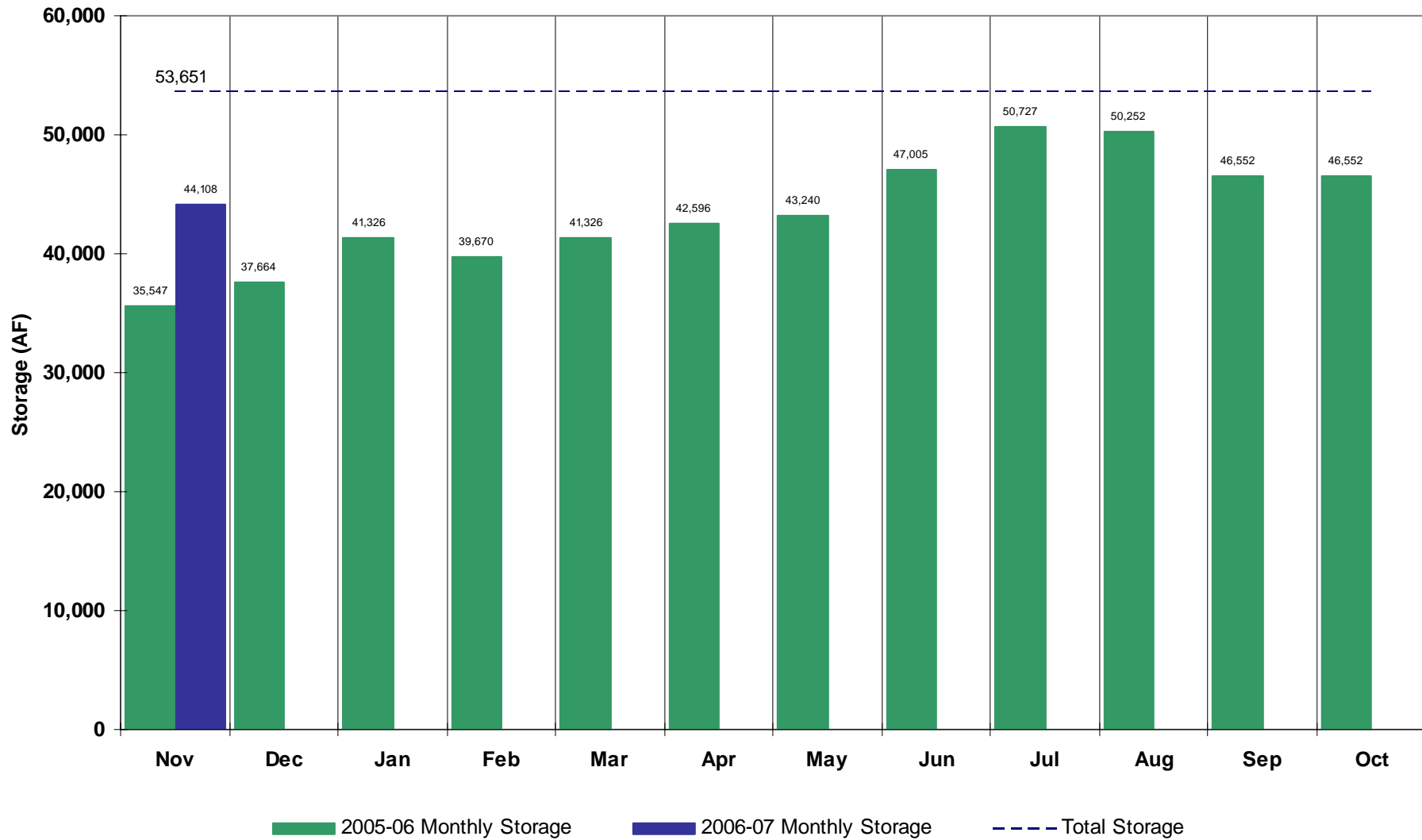
Cheesman Reservoir

(Municipal)

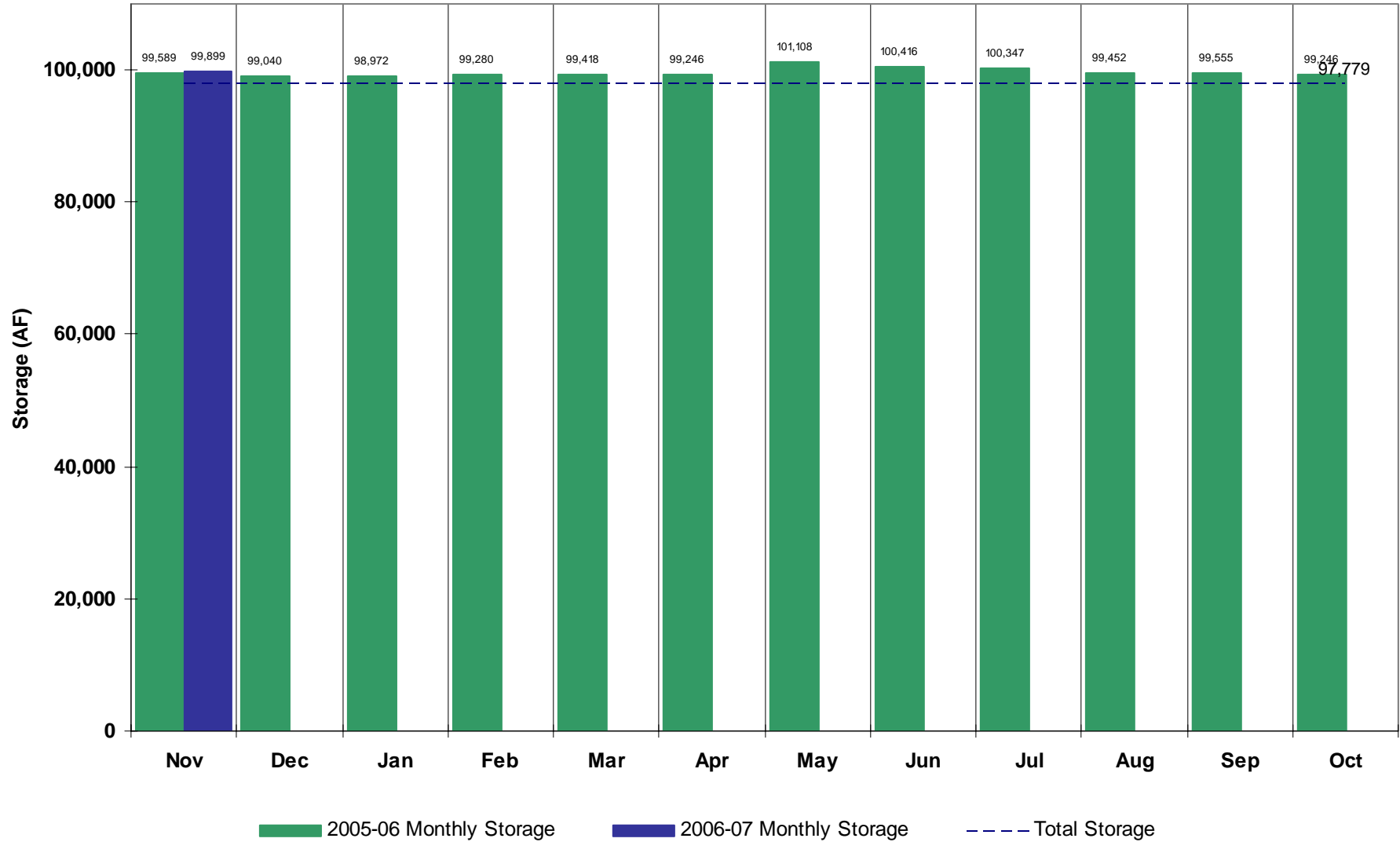


Spinney Mountain Reservoir

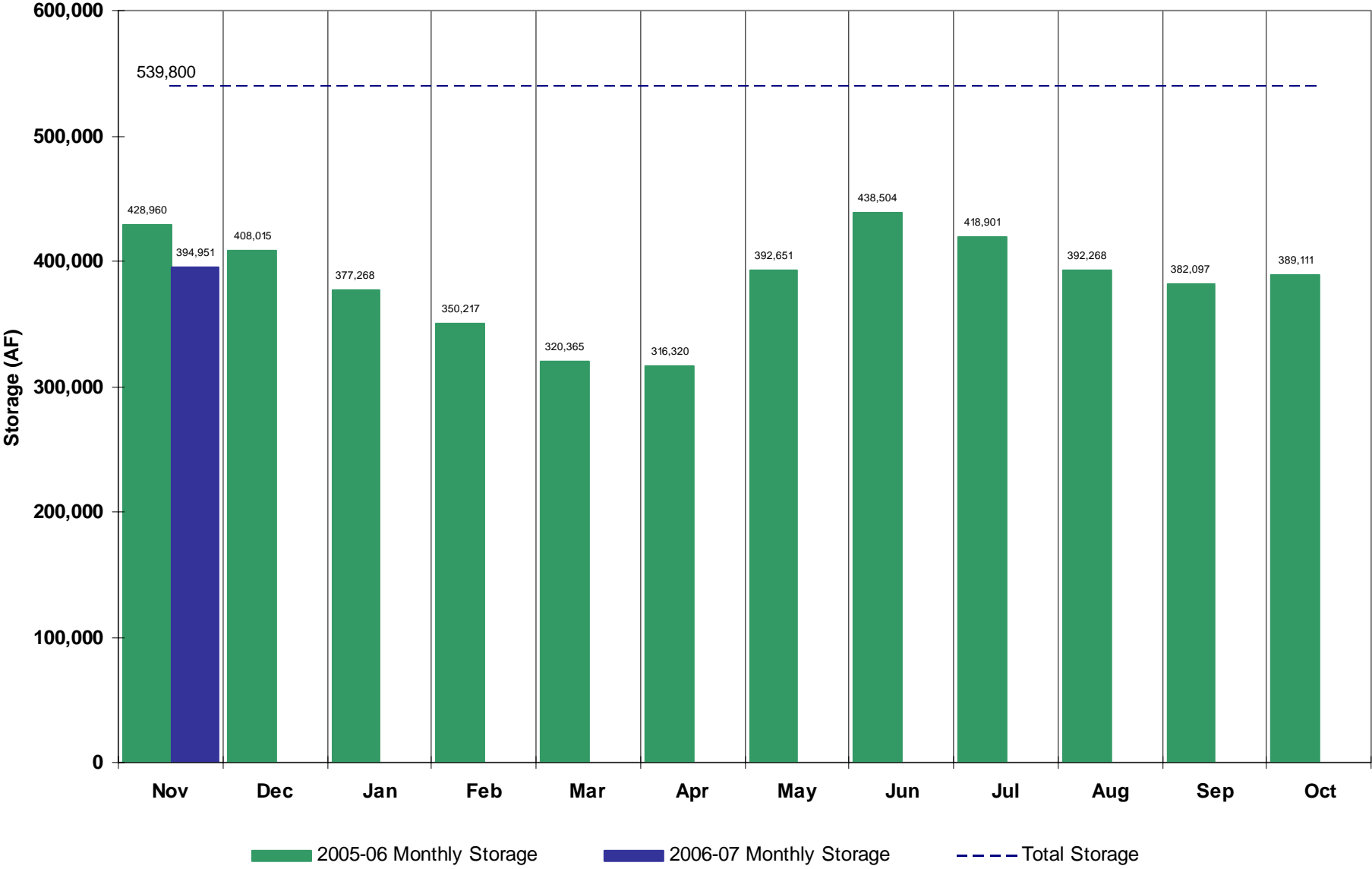
(Municipal)



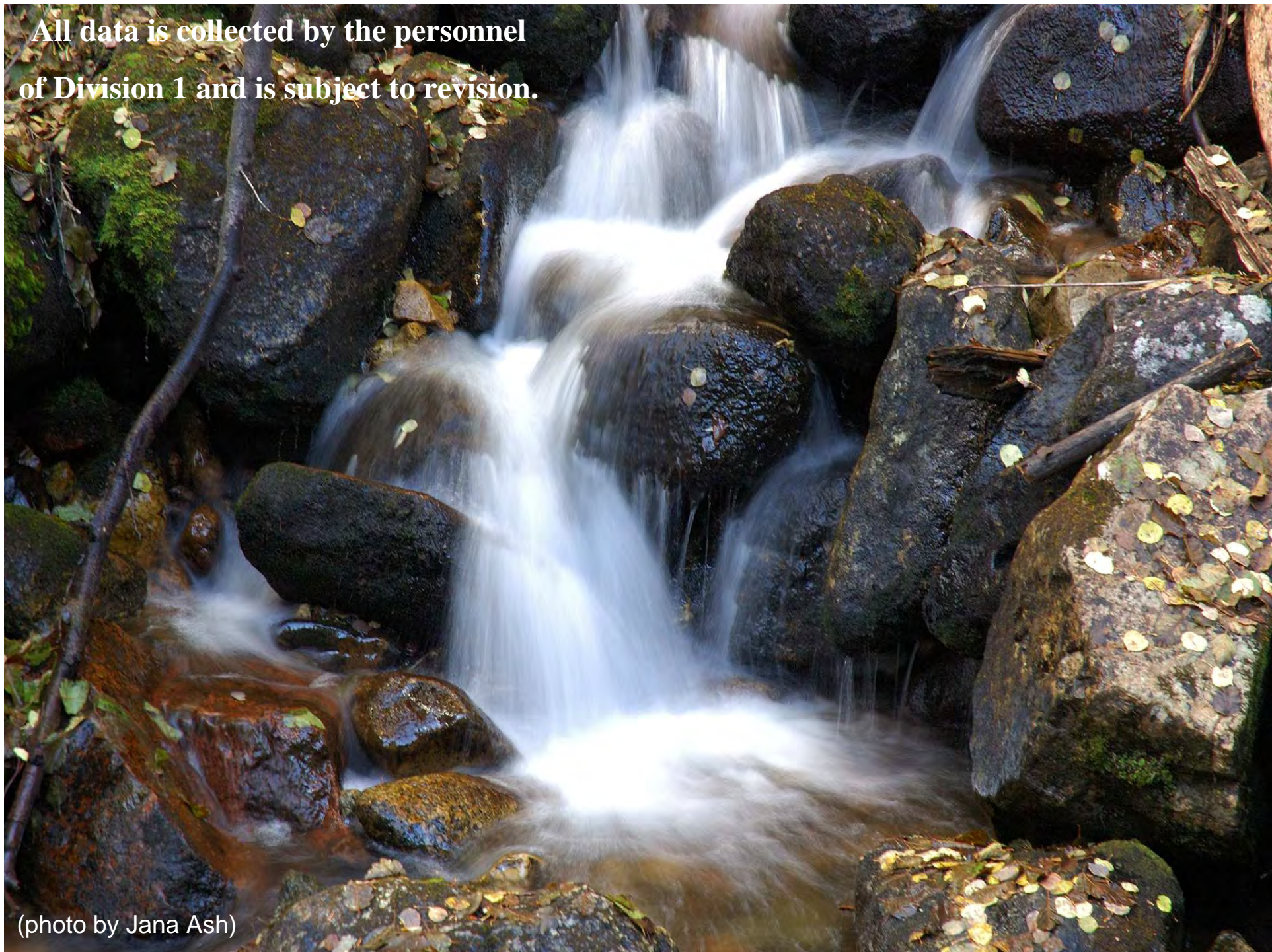
Eleven Mile Reservoir (Municipal)



Lake Granby



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



(photo by Jana Ash)