

South Platte Summary

April 2008



Compiled by Claudia Engelmann



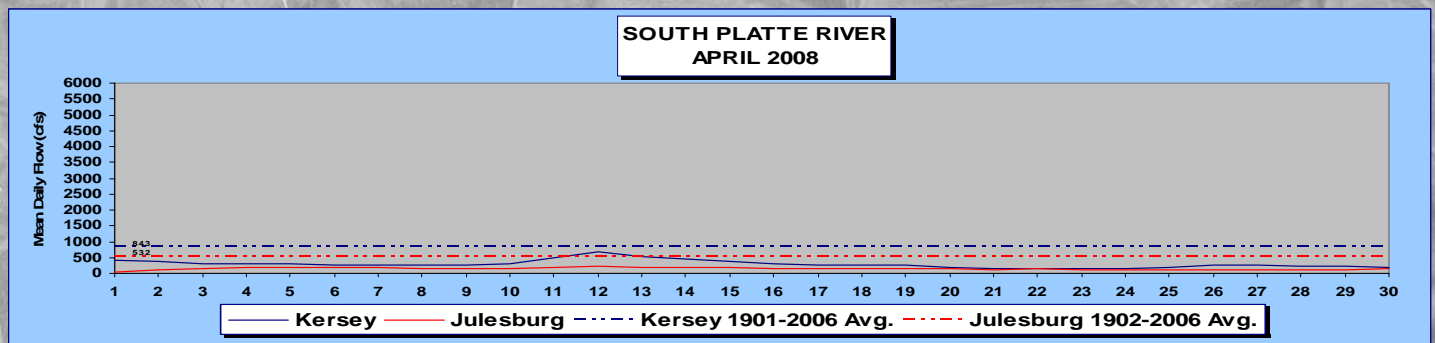
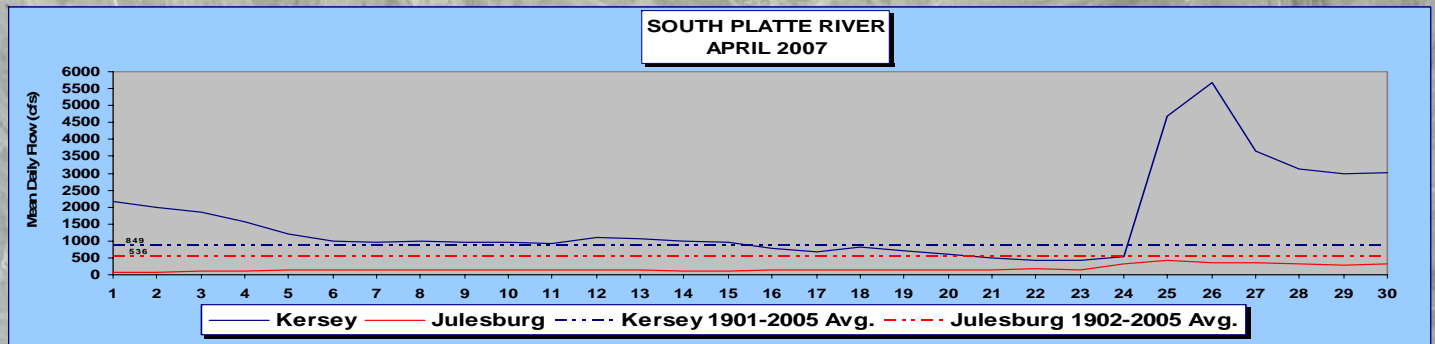
Ohler Gulch Stream Gage in South Park
(Photo by Garver Brown)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

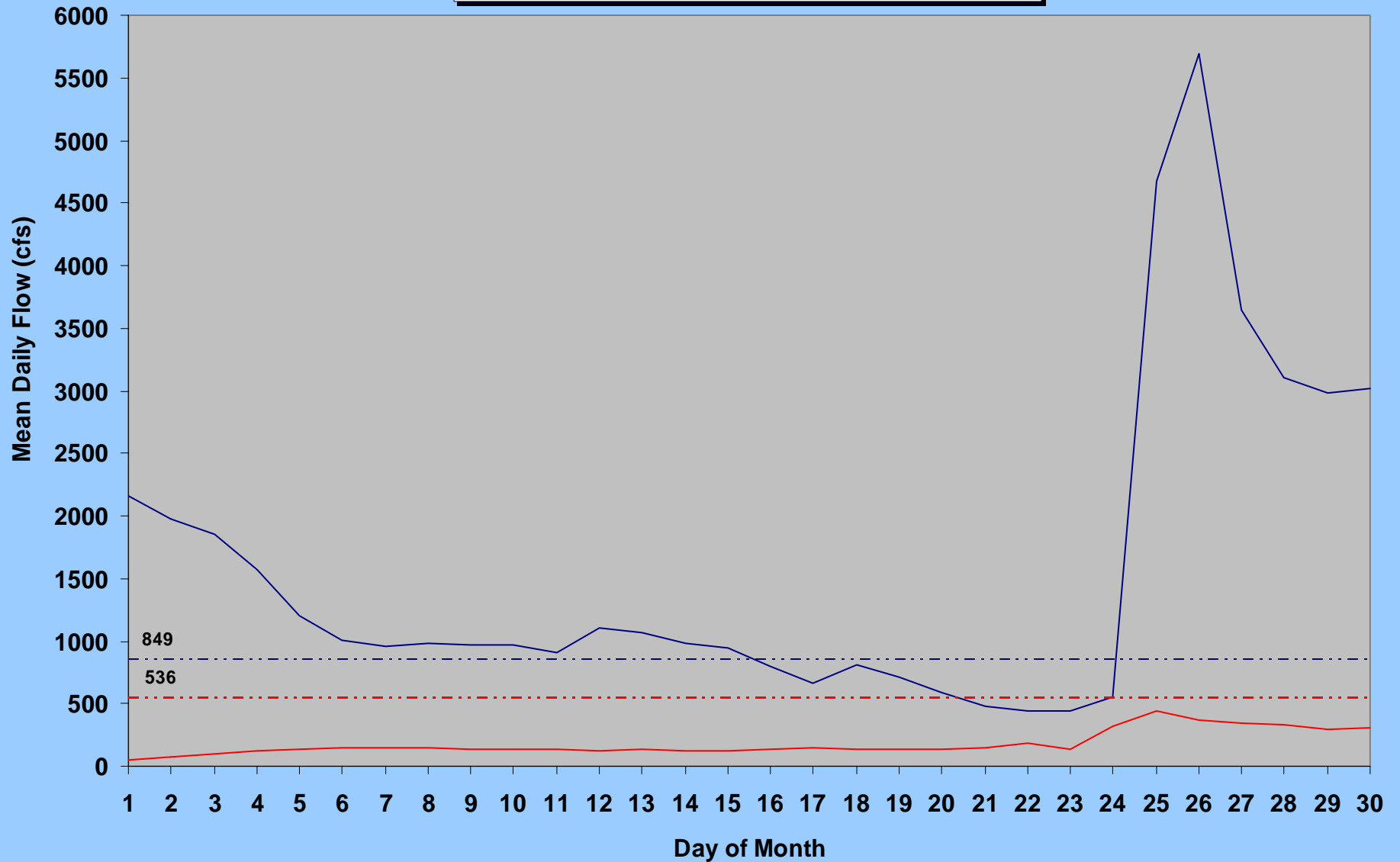
MONTH OF APRIL 2008

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	22,666	22,448	64	-218	-1%	99%	99%	0
N STERLING	73,730	74,450	73,011	64	-1,439	-2%	99%	100%	0
PREWITT	28,500	28,600	26,992	64	-1,608	-6%	95%	100%	0
JACKSON	27,257	27,257	26,547	1	-710	-3%	97%	100%	0
EMPIRE	37,700	34,930	33,135	1	-1,795	-5%	88%	100%	0
RIVERSIDE	63,113	62,125	57,525	1	-4,600	-7%	91%	97%	0
BARR LAKE	31,652	28,942	27,835	2	-1,107	-4%	88%	95%	0
CHEESMAN	79,064	74,803	76,907	80	2,104	3%	97%	99%	0
ELEVEN MILE	97,779	99,280	99,968	23	688	1%	100%	100%	2,189
SPINNEY	53,651	42,596	41,326	23	-1,270	-3%	77%	77%	0
ANTERO	20,015	20,147	19,819	23	-328	-2%	99%	93%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	294
JULESBURG	152
THIS MONTH LAST YEAR	
KERSEY	1574
JULESBURG	178
MEAN FOR PERIOD OF RECORD*	
KERSEY	843
JULESBURG	532
* 1901-2006	
1902-2006	

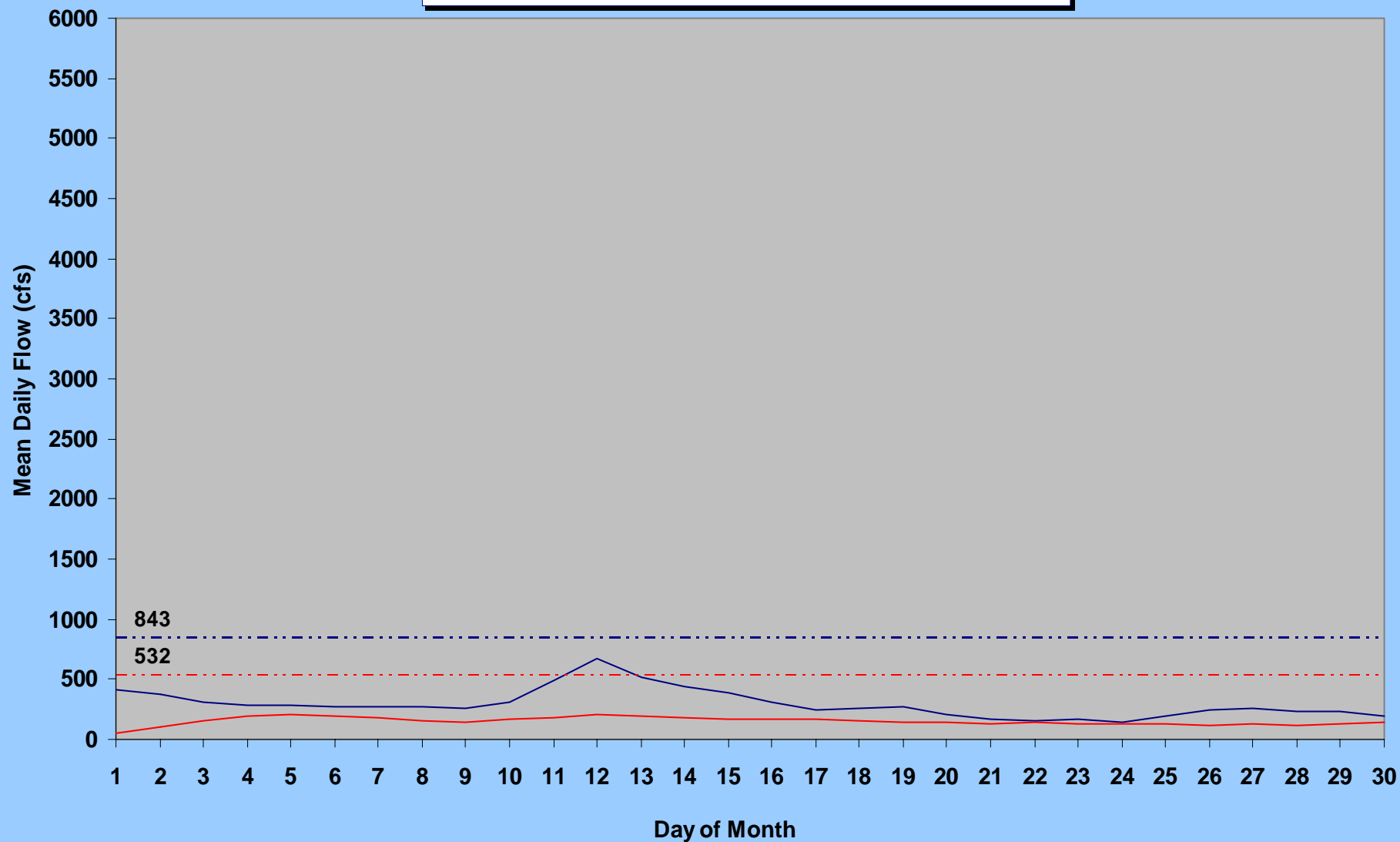


SOUTH PLATTE RIVER APRIL 2007



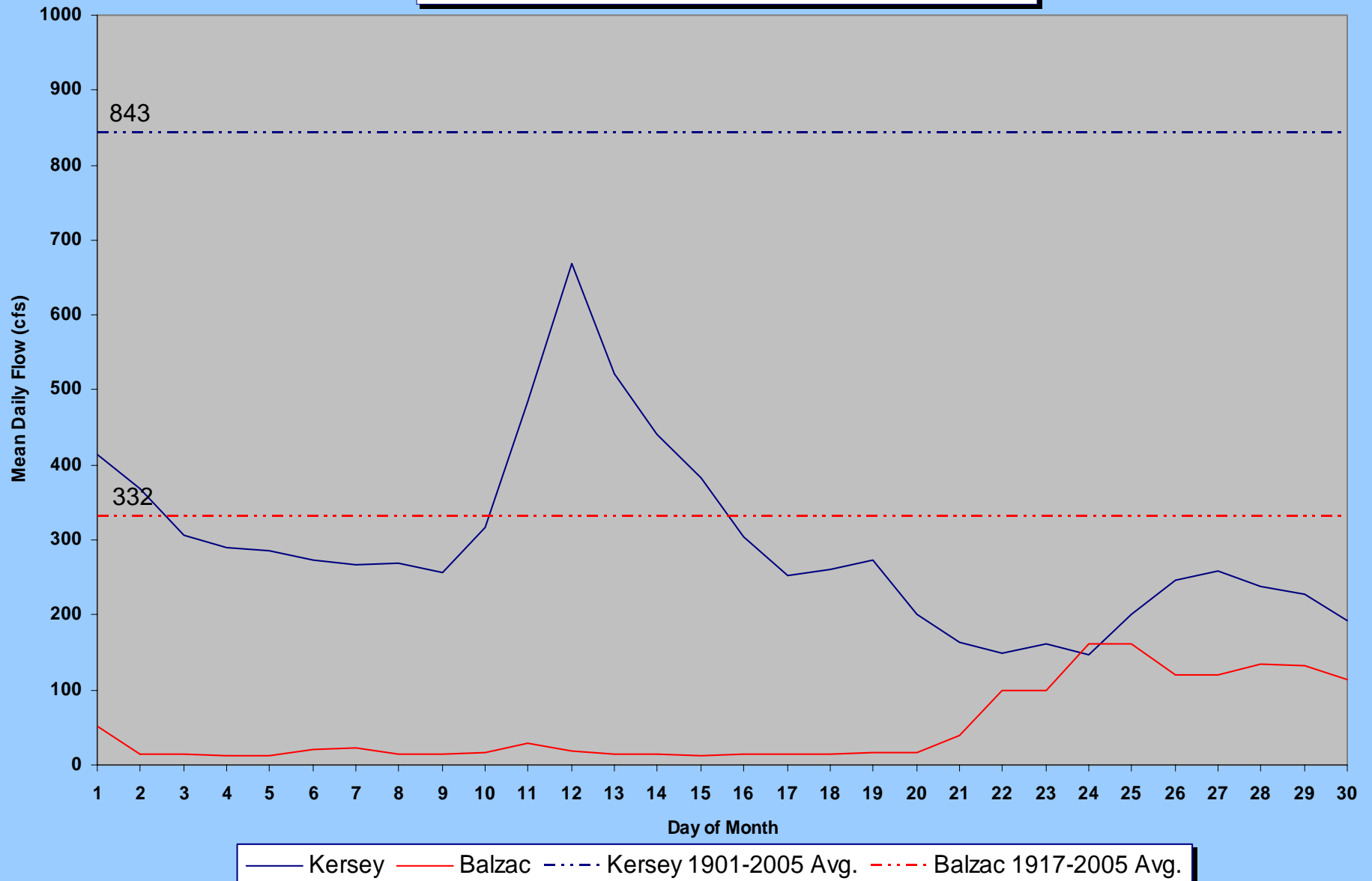
— Kersey — Julesburg - - - Kersey 1901-2005 Avg. - - - Julesburg 1902-2005 Avg.

SOUTH PLATTE RIVER APRIL 2008



— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

KERSEY and BALZAC APRIL 2008

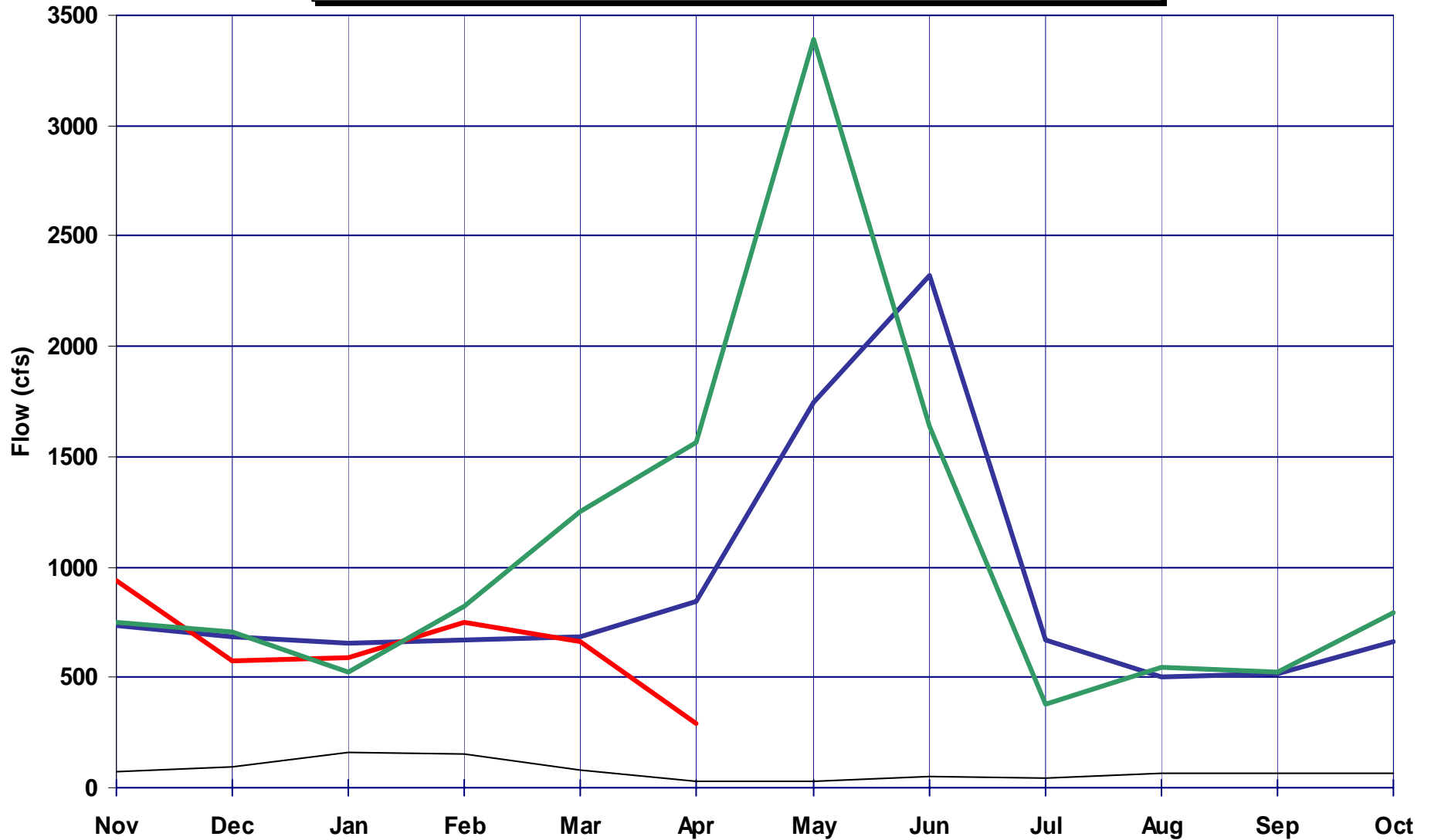


South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2008 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2008 Mean Monthly Flow
Nov	737	3650	1984	70	1934	938	Nov	344	2900	1984	4.2	1903	71
Dec	683	1890	1961	91	1934	574	Dec	405	1820	1984	13	2002	155
Jan	654	2160	1974	158	1935	589	Jan	517	2510	1970	21	2003	323
Feb	672	3060	1914	152	1935	751	Feb	593	3220	1930	29	2005	320
Mar	684	3470	1983	80	1935	663	Mar	535	12900	1910	15	1904	100
Apr	843	18100	1942	28	1955	294	Apr	532	14400	1942	4.0	1904	152
May	1745	26100	1973	29	1955		May	1024	18100	1973	12	1911	
Jun	2321	31000	1921	52	1954		Jun	1442	30800	1921	2.0	1910	
Jul	666	12600	1983	44	1955		Jul	295	12600	1983	0.0	1903	
Aug	505	9690	1951	65	1934		Aug	182	8920	1968	0.0	1903	
Sep	514	14200	1938	62	1940		Sep	241	7130	1938	2.0	1902	
Oct	664	6180	1984	66	1954		Oct	307	3130	1984	4.2	1903	
*Period of record 1901-2006							*Period of record 1902-2006						

South Platte River at Kersey

Irrigation Water Year

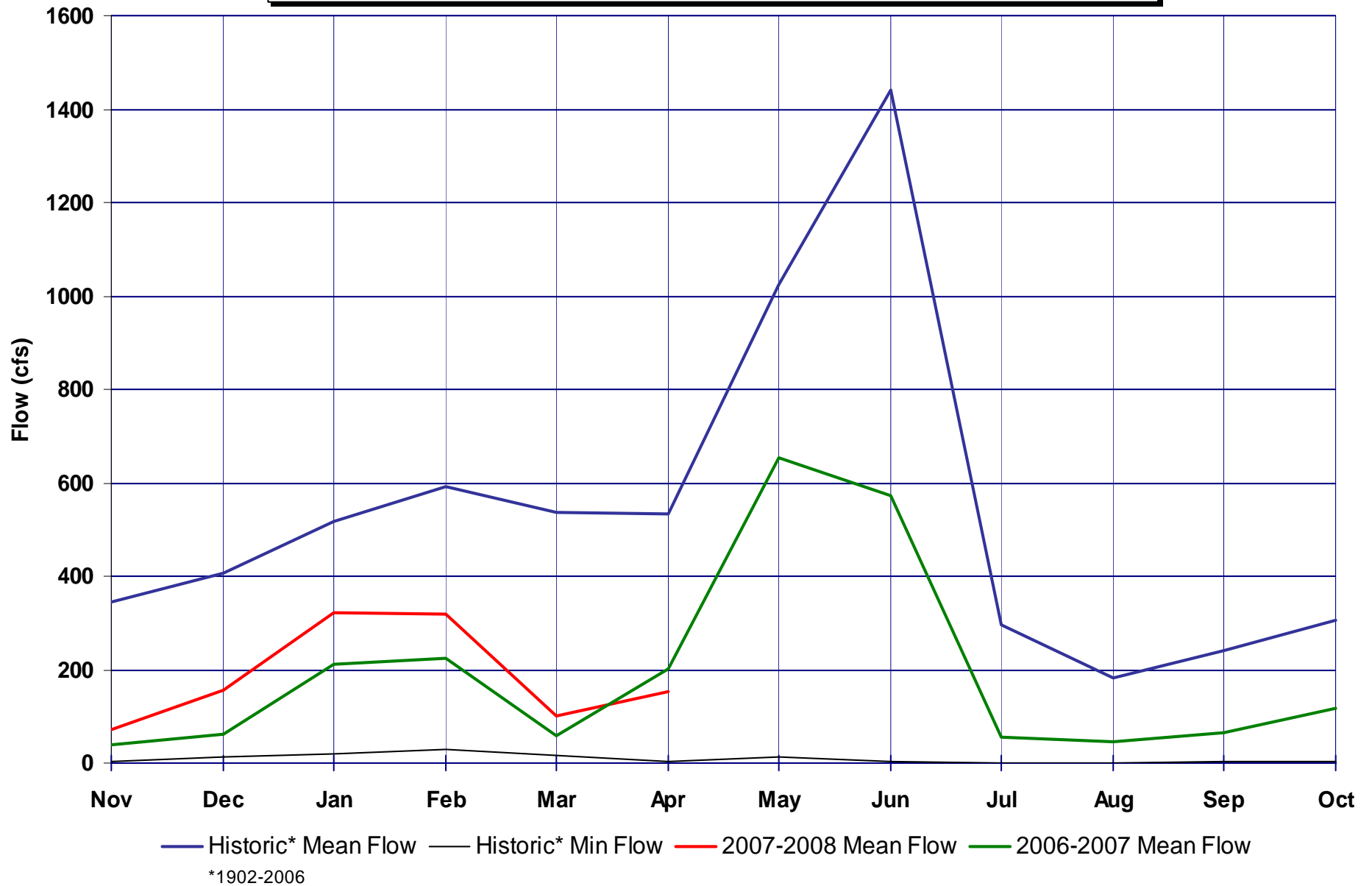


— Historic* Mean Flow — Historic* Min Flow — 2007-2008 Mean Flow — 2006-2007 Mean Flow

*1901-2006

South Platte River at Julesburg

Irrigation Water Year



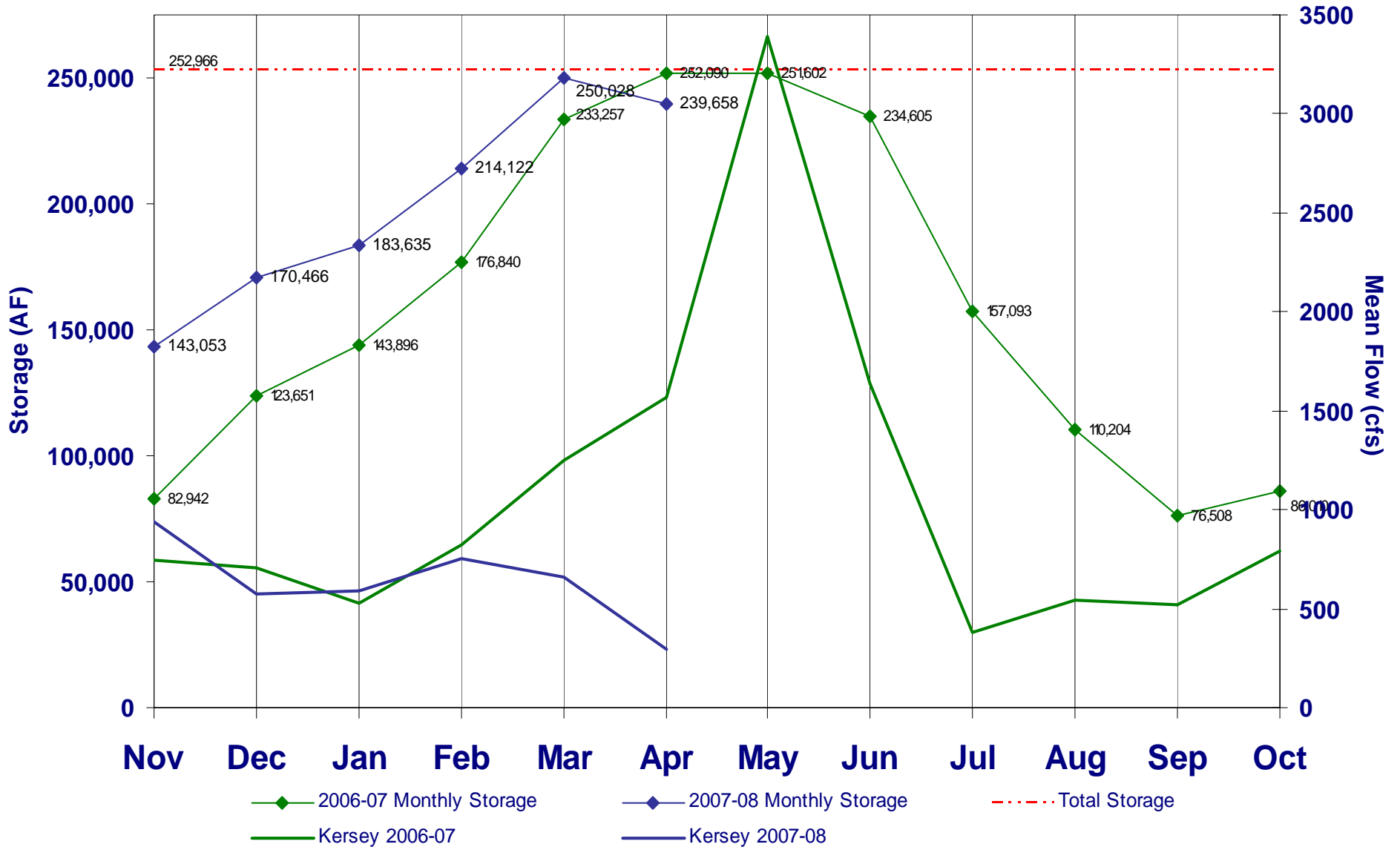
Next four slides show Reservoir Storage
below and above Kersey



Randall Ditch Headgate on
Michigan Creek
(Photo by Garver Brown)

Reservoir Storage below Kersey

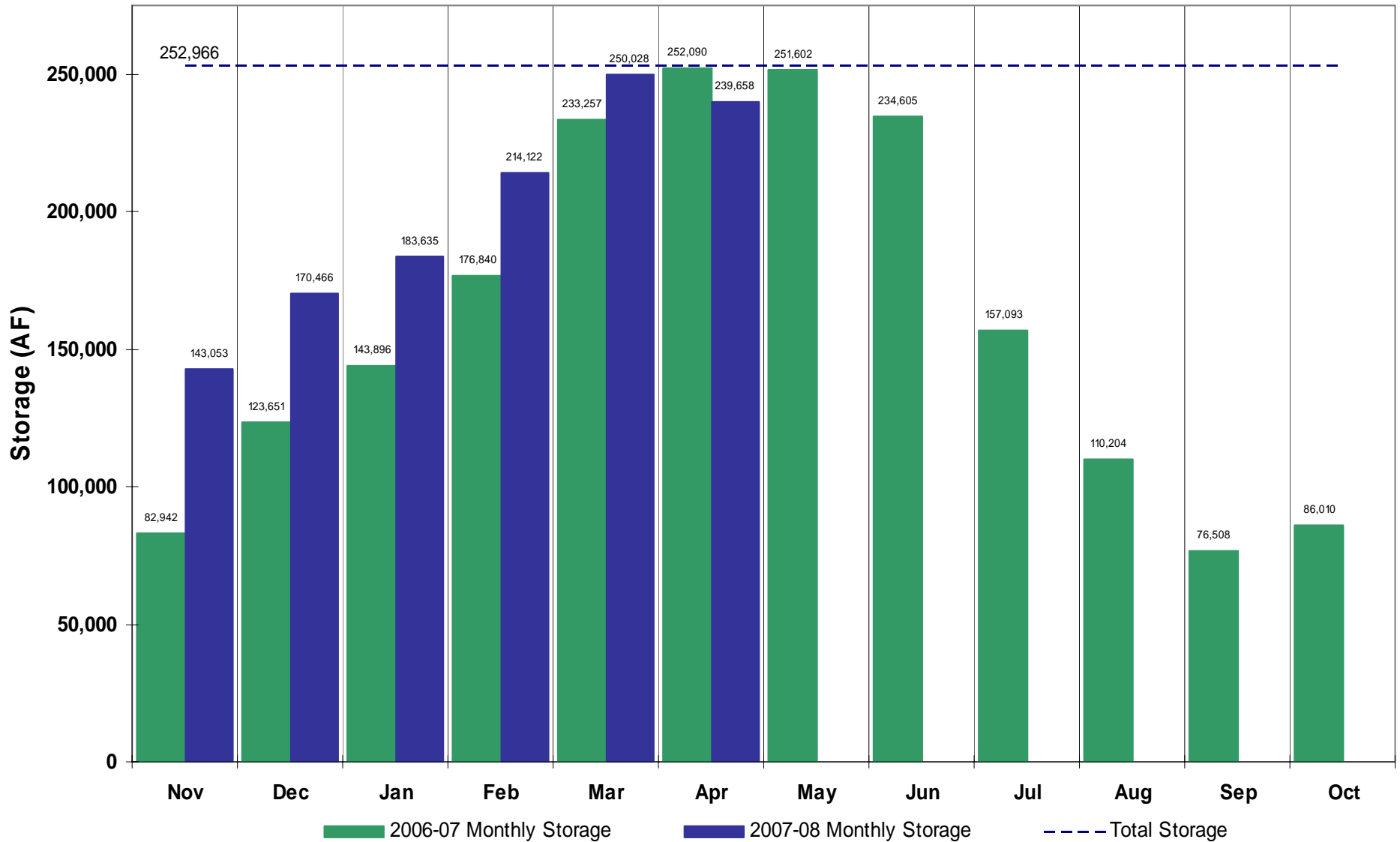
Selected Reservoirs*



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

South Platte Reservoirs

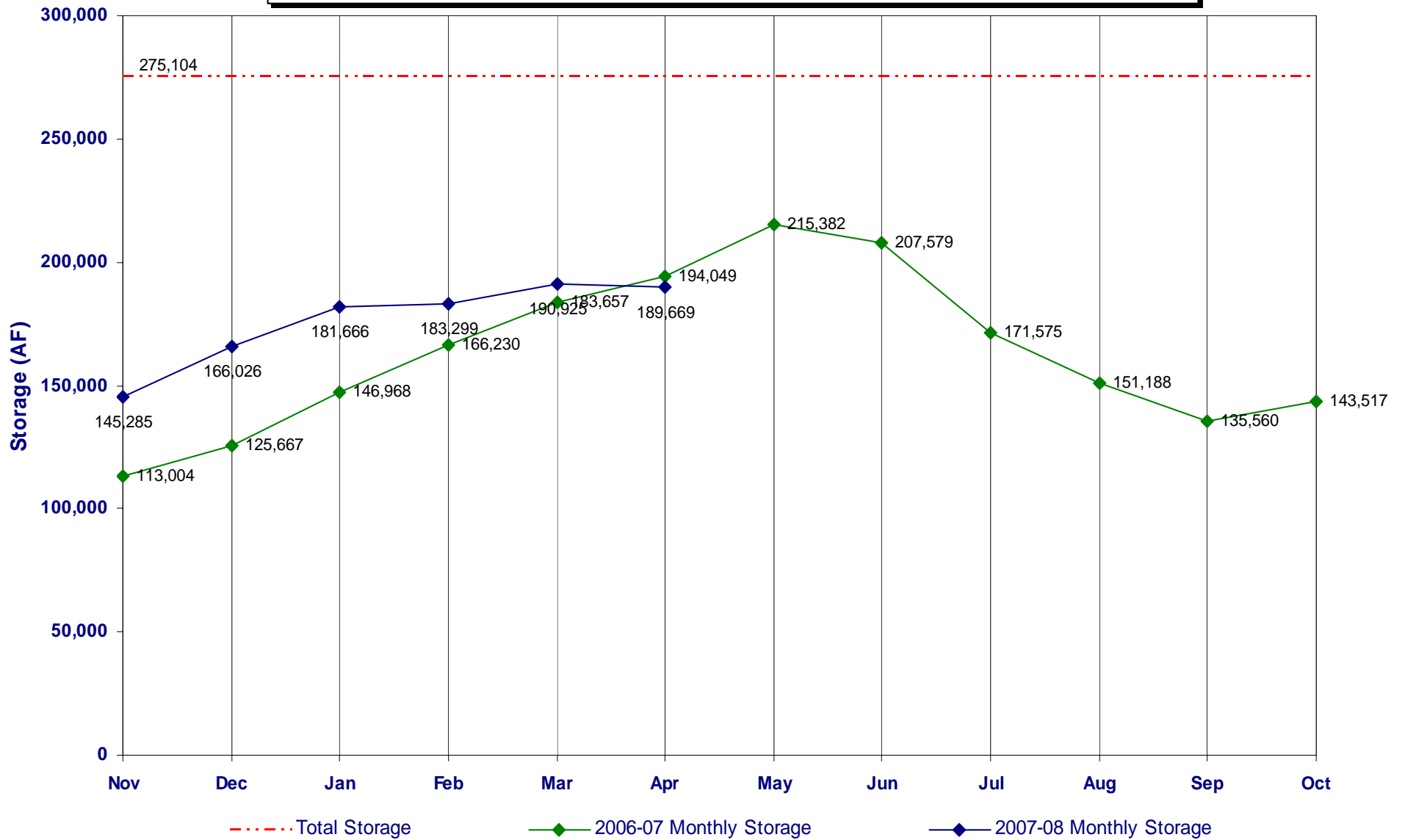
Storage below Kersey*



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

Reservoir Storage above Kersey

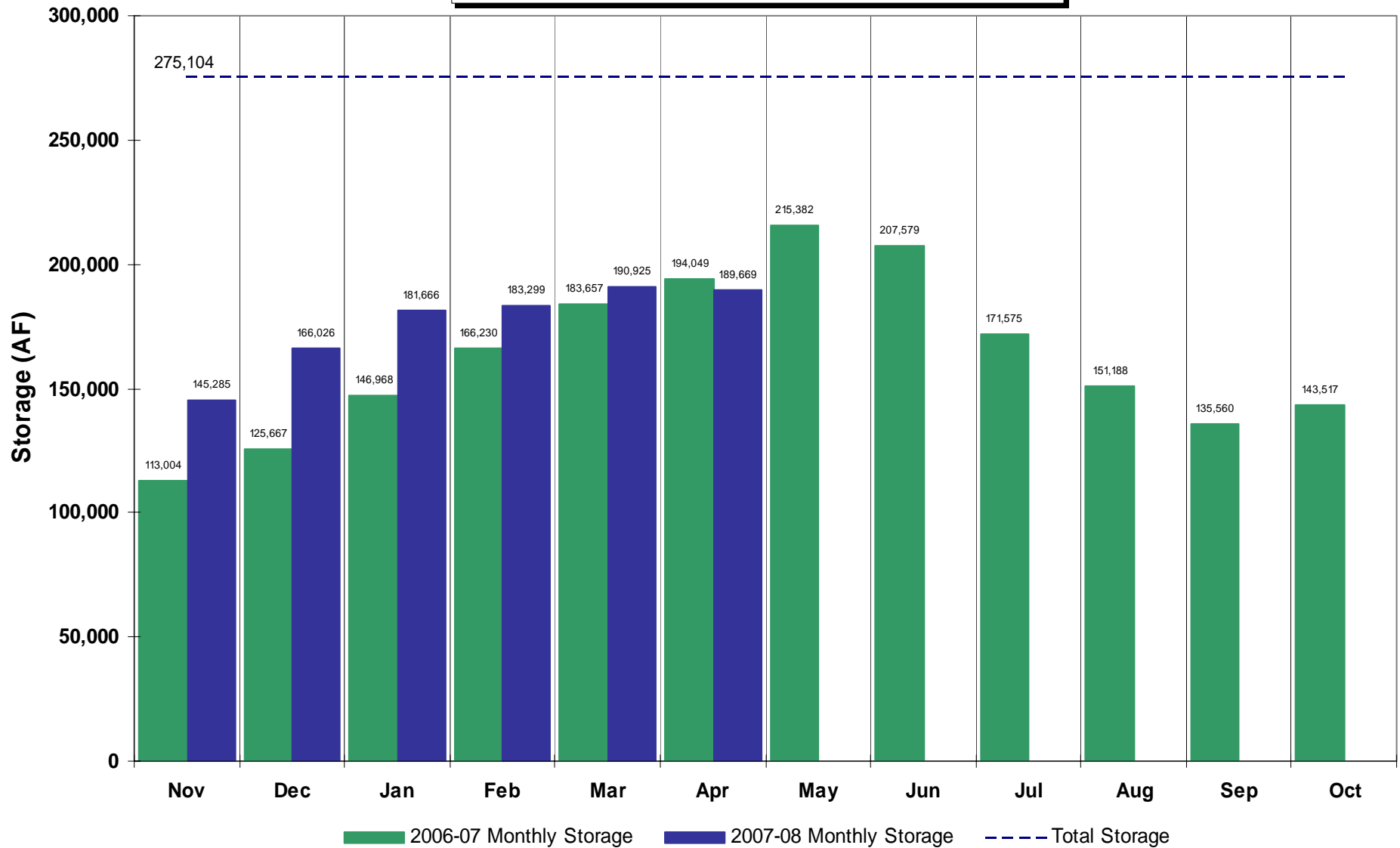
Selected Reservoirs*



*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

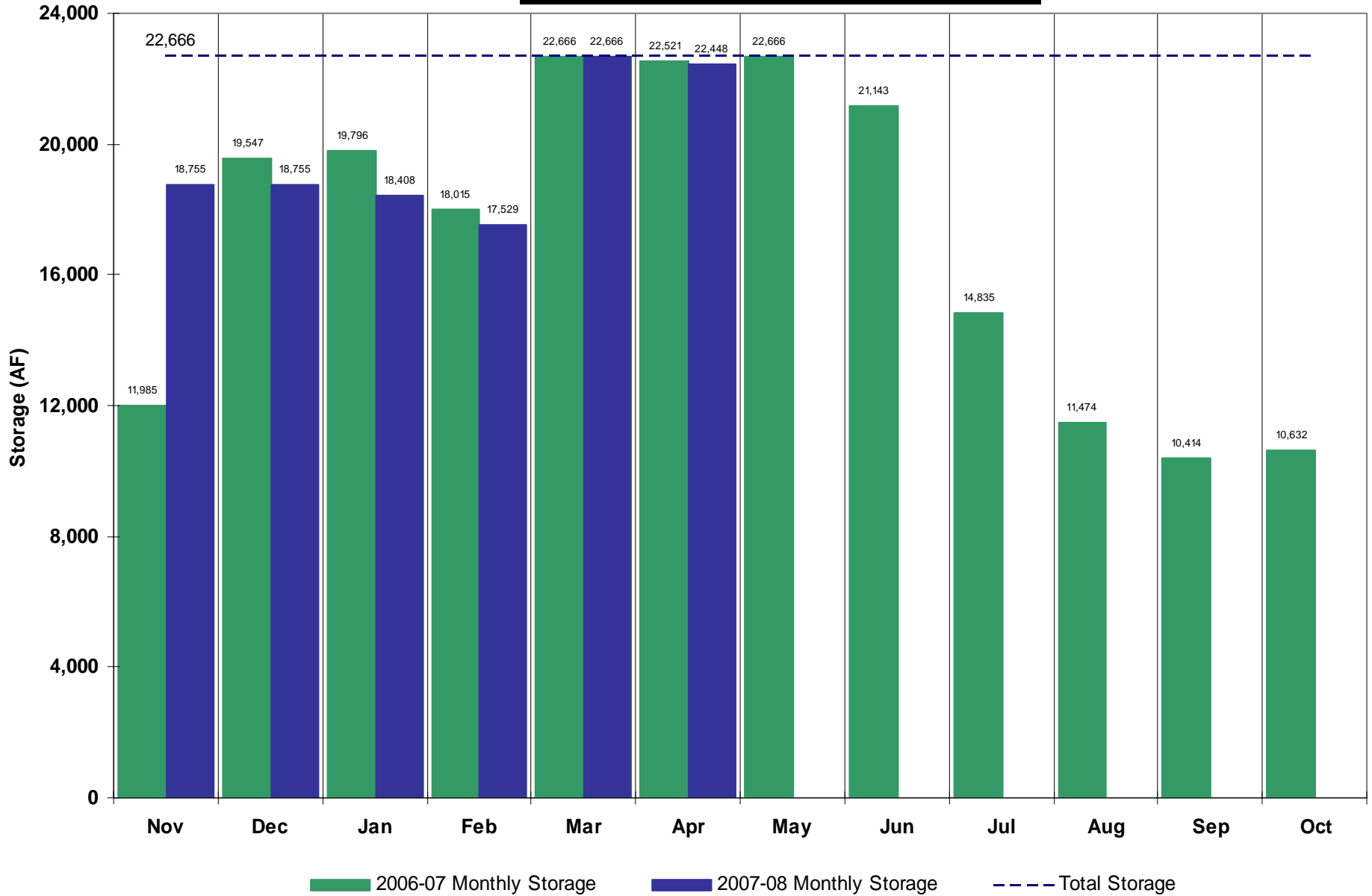
A photograph of a coyote standing in a grassy field. The coyote is in the center-right of the frame, facing left. The field is filled with tall, dry grasses in the foreground and greener grasses in the middle ground. In the background, there is a hill with sparse vegetation and a clear blue sky.

Individual Reservoir Storage Follows

Jackson Creek Ranch
(Photo by Mark Trivisonno)

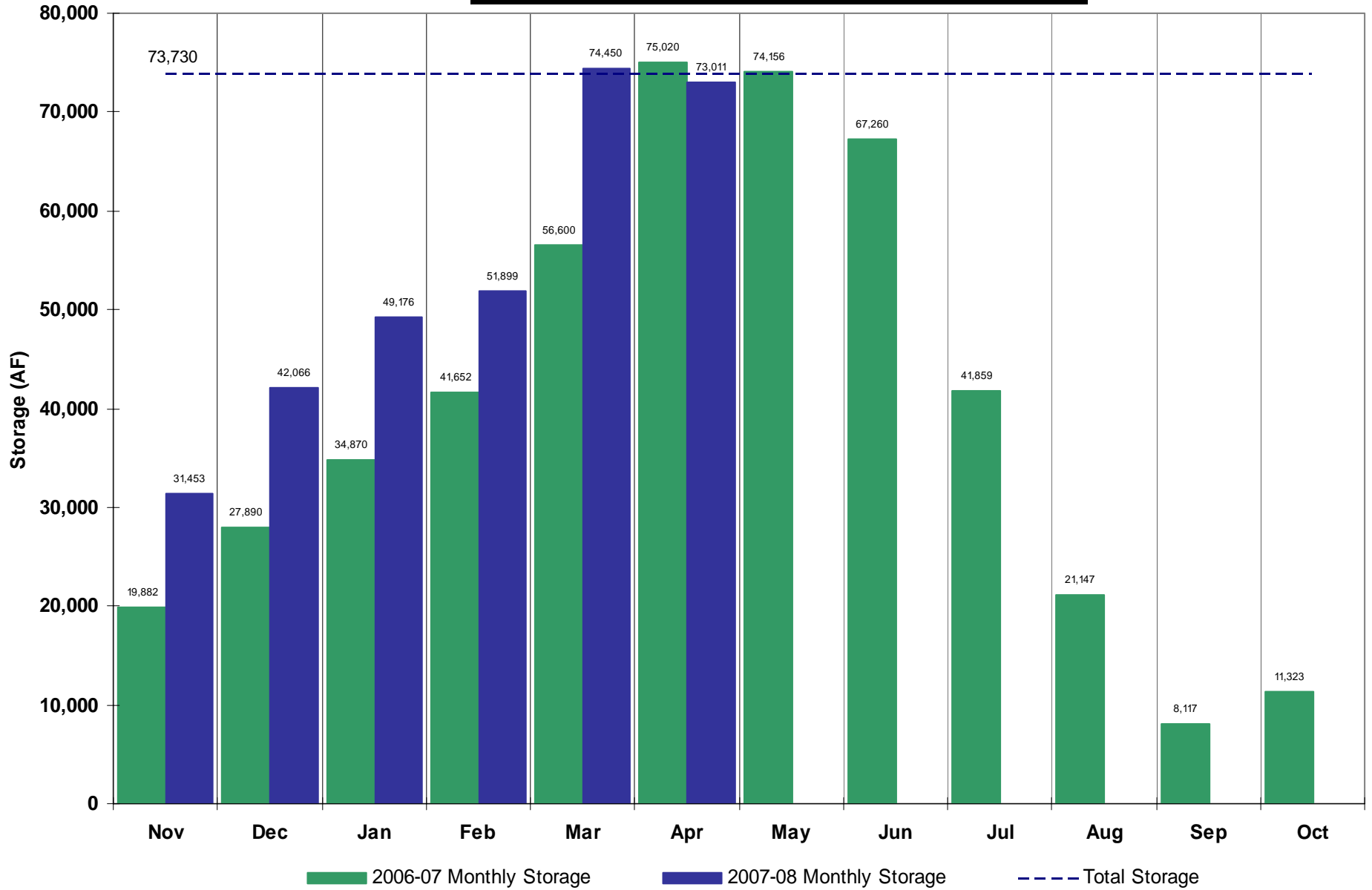
Julesburg Reservoir

(District 64 - Agricultural)



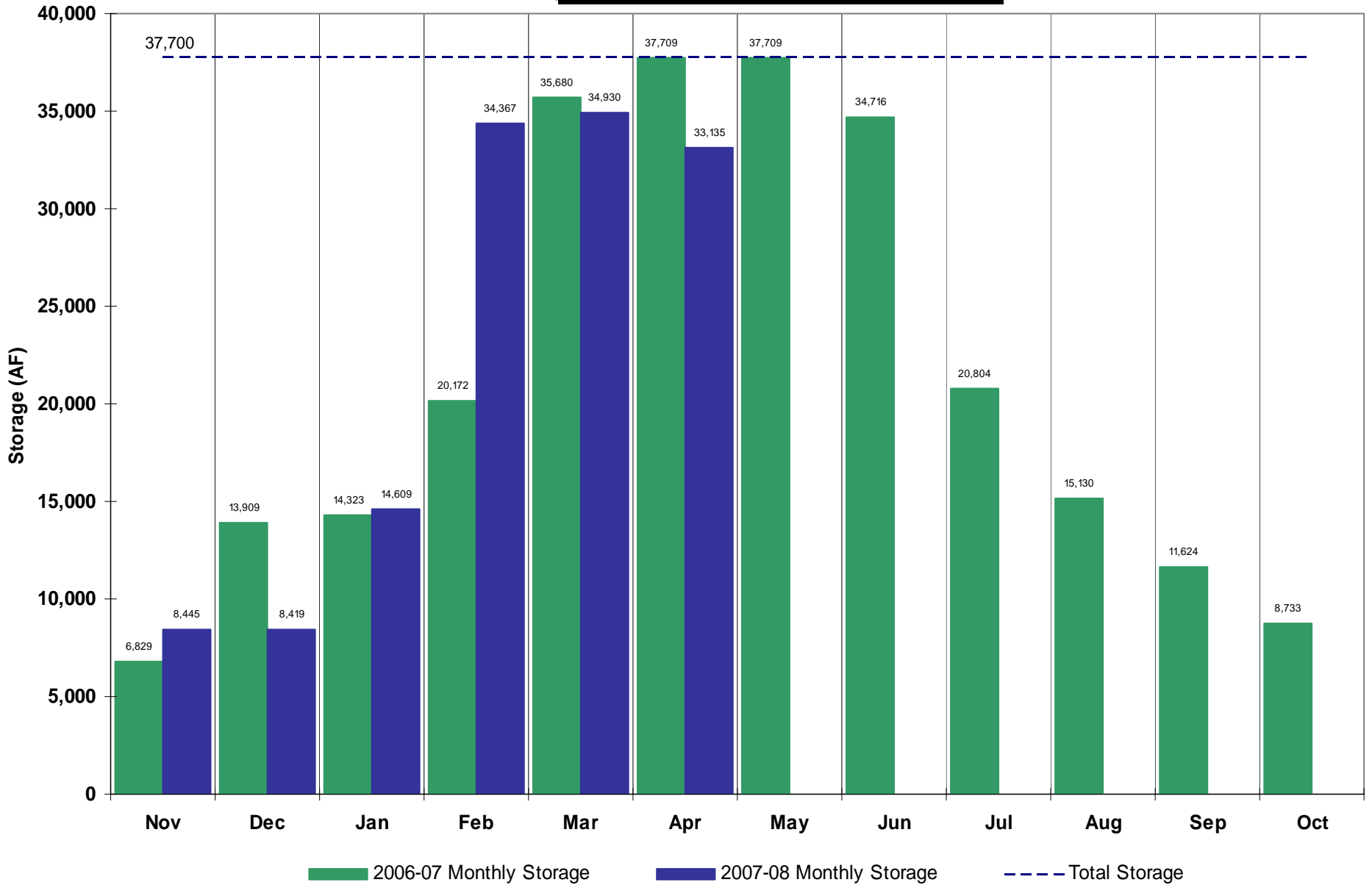
North Sterling Reservoir

(District 64- Agricultural)



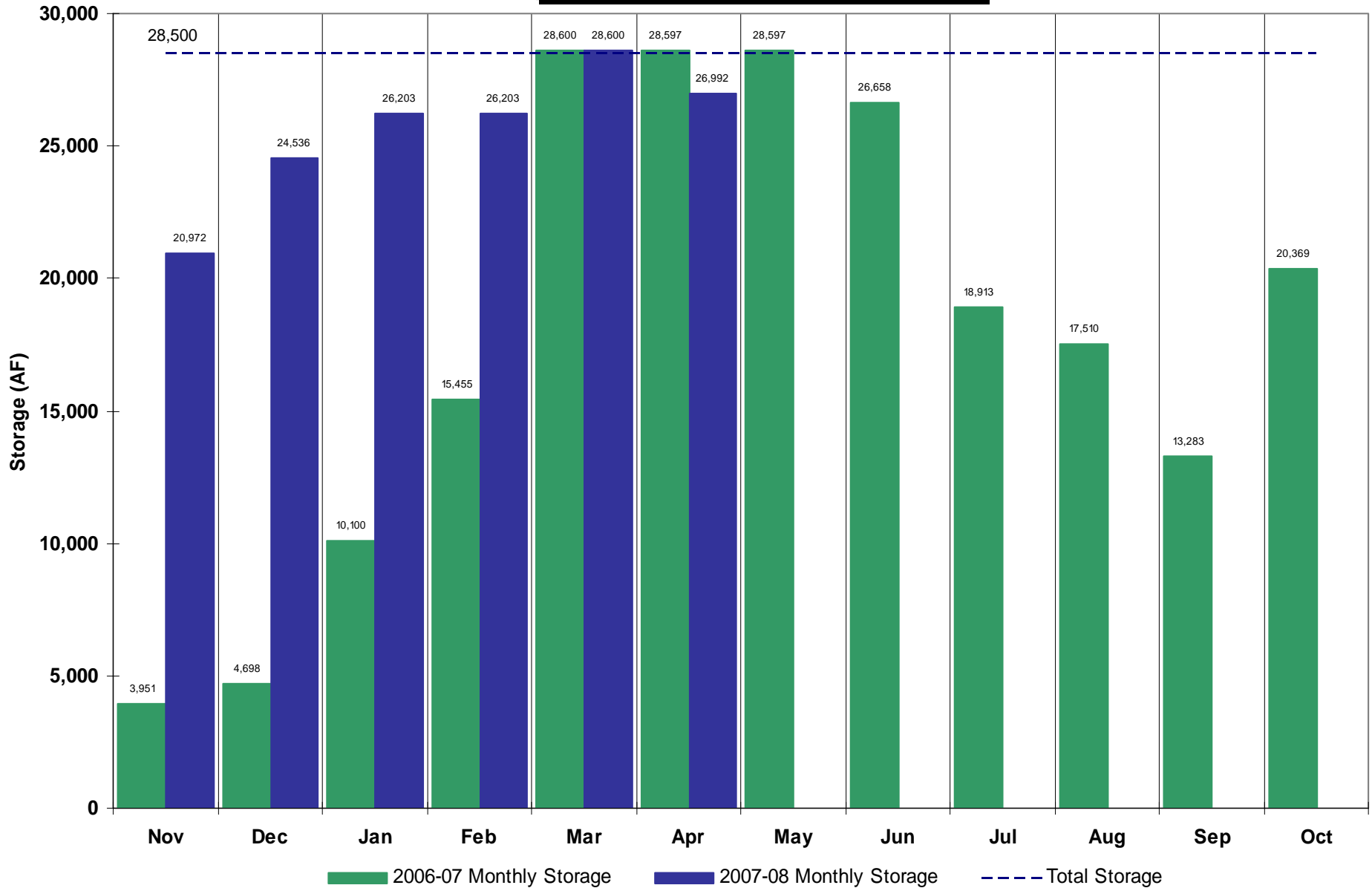
Empire Reservoir

(District 1- Agricultural)



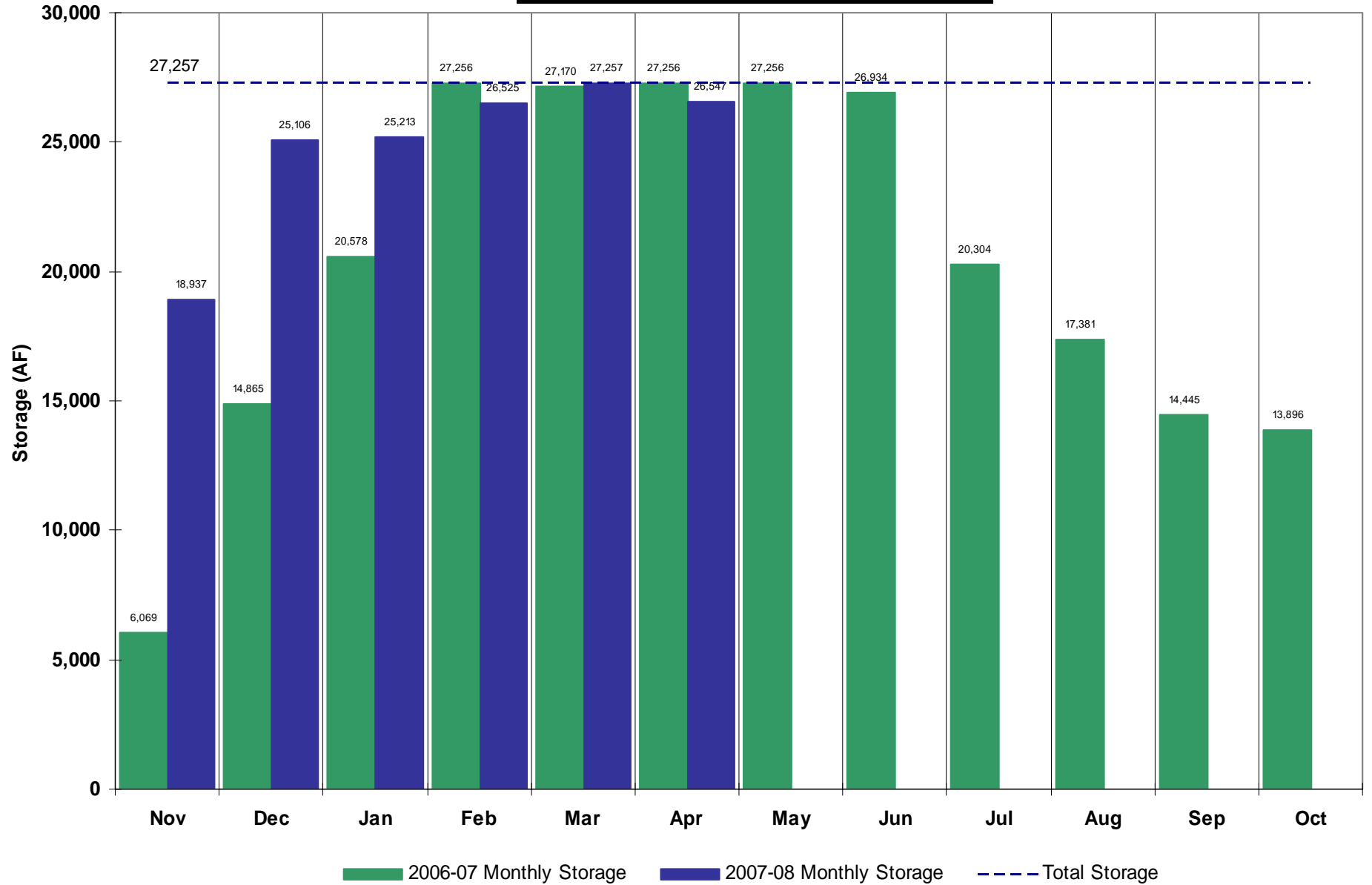
Prewitt Reservoir

(District 64- Agricultural)



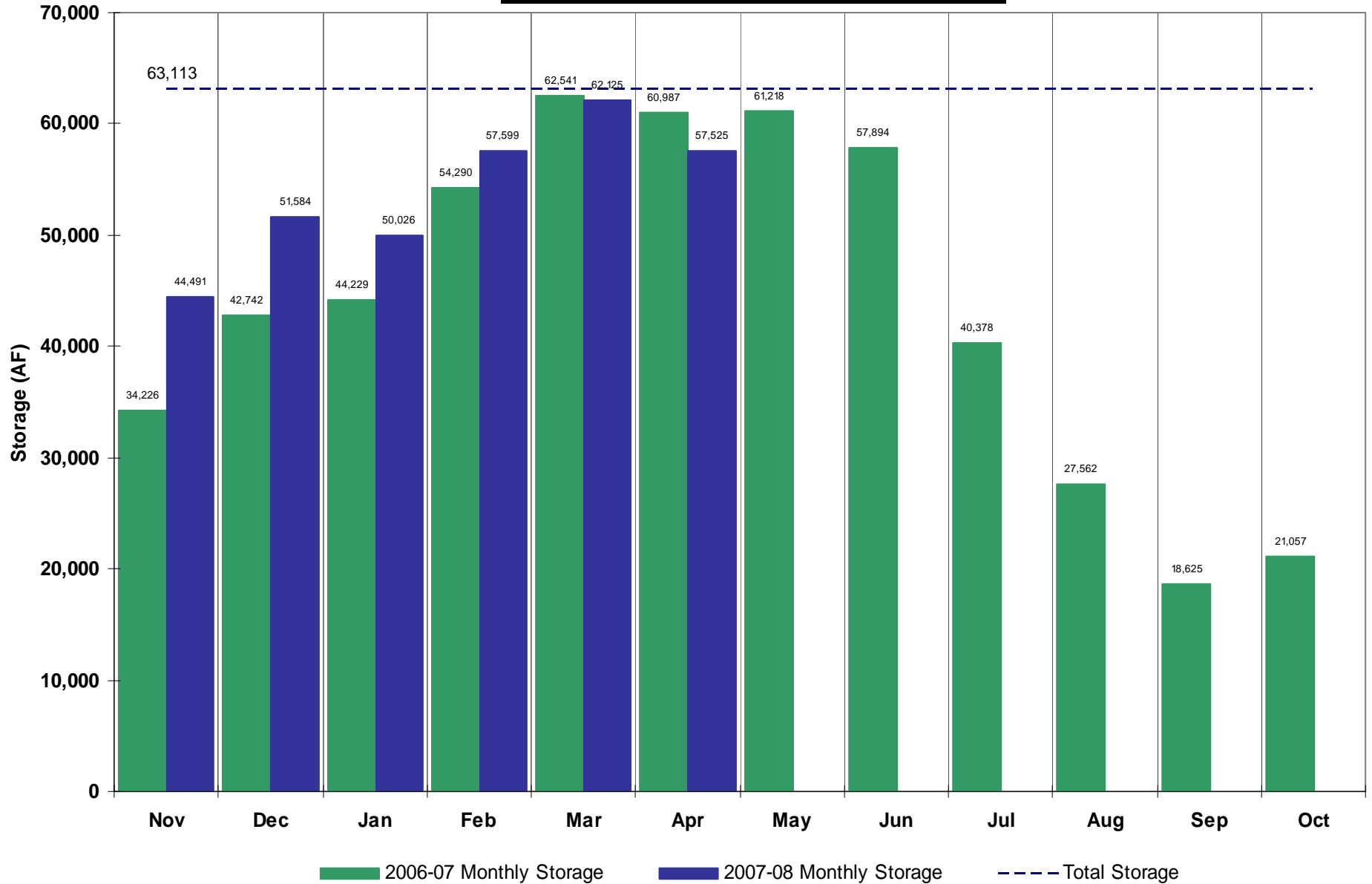
Jackson Reservoir

(District 1- Agricultural)



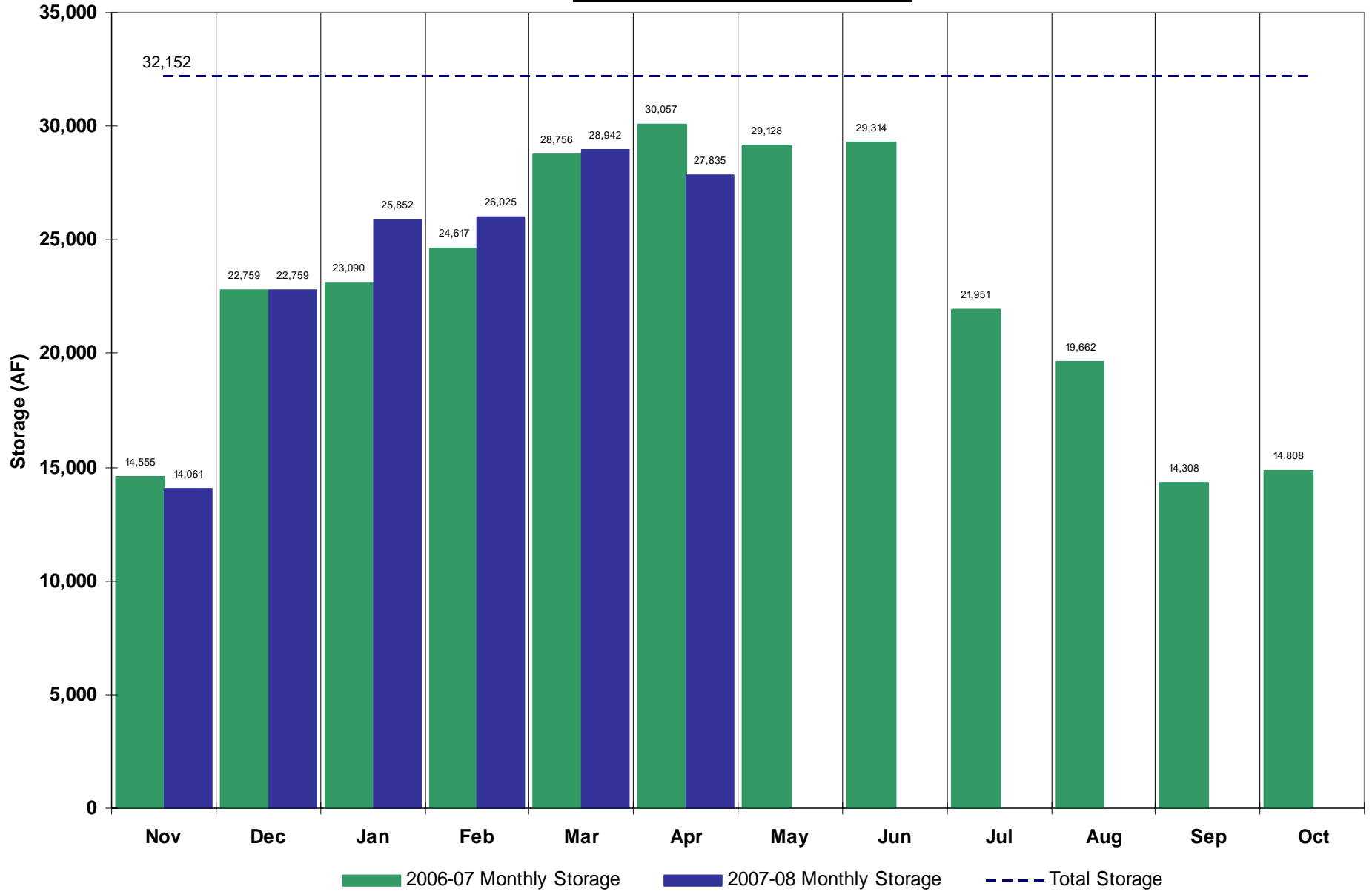
Riverside Reservoir

(District 1 - Agricultural)



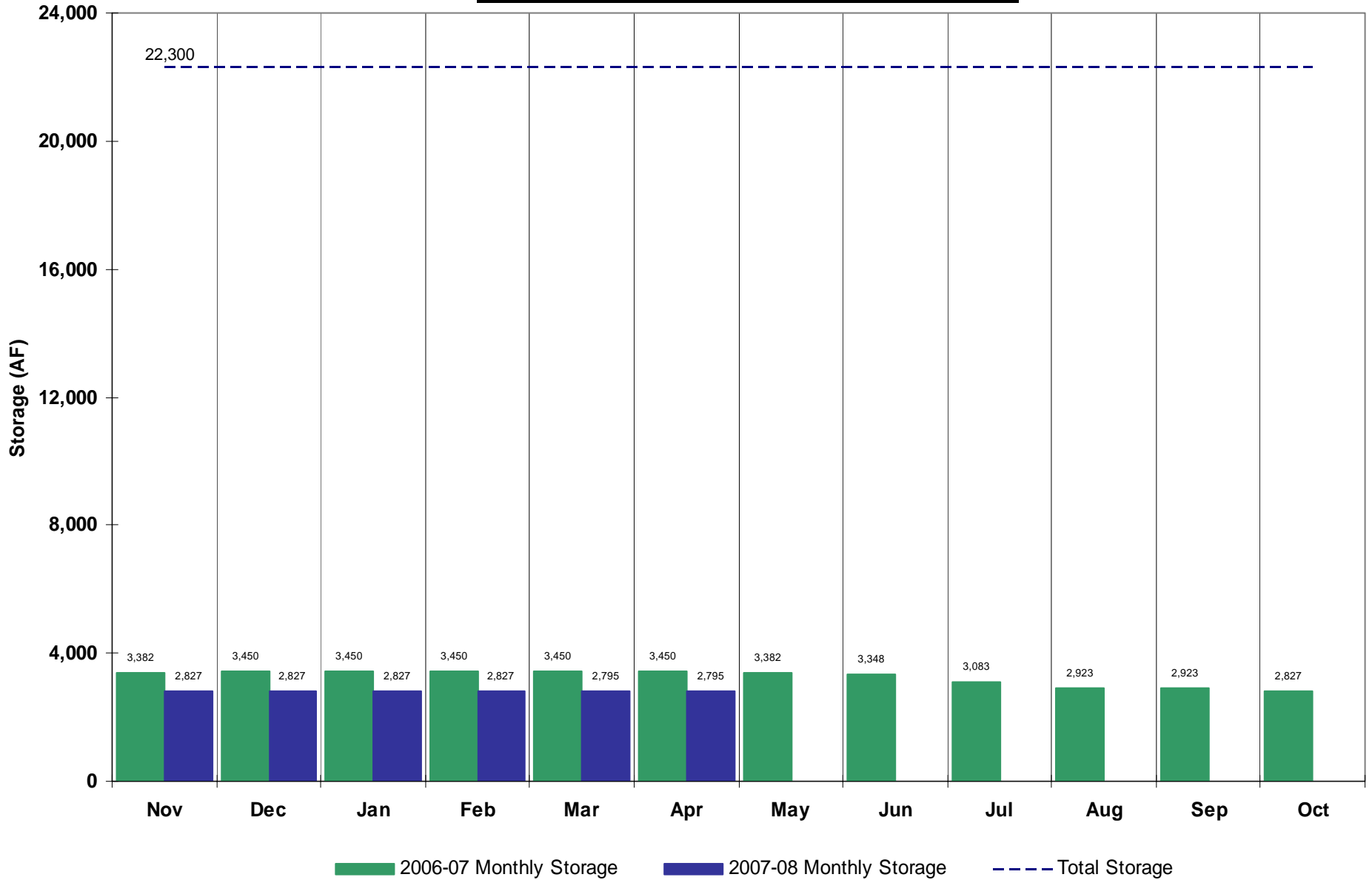
Barr Lake

(District 2 - Agricultural)



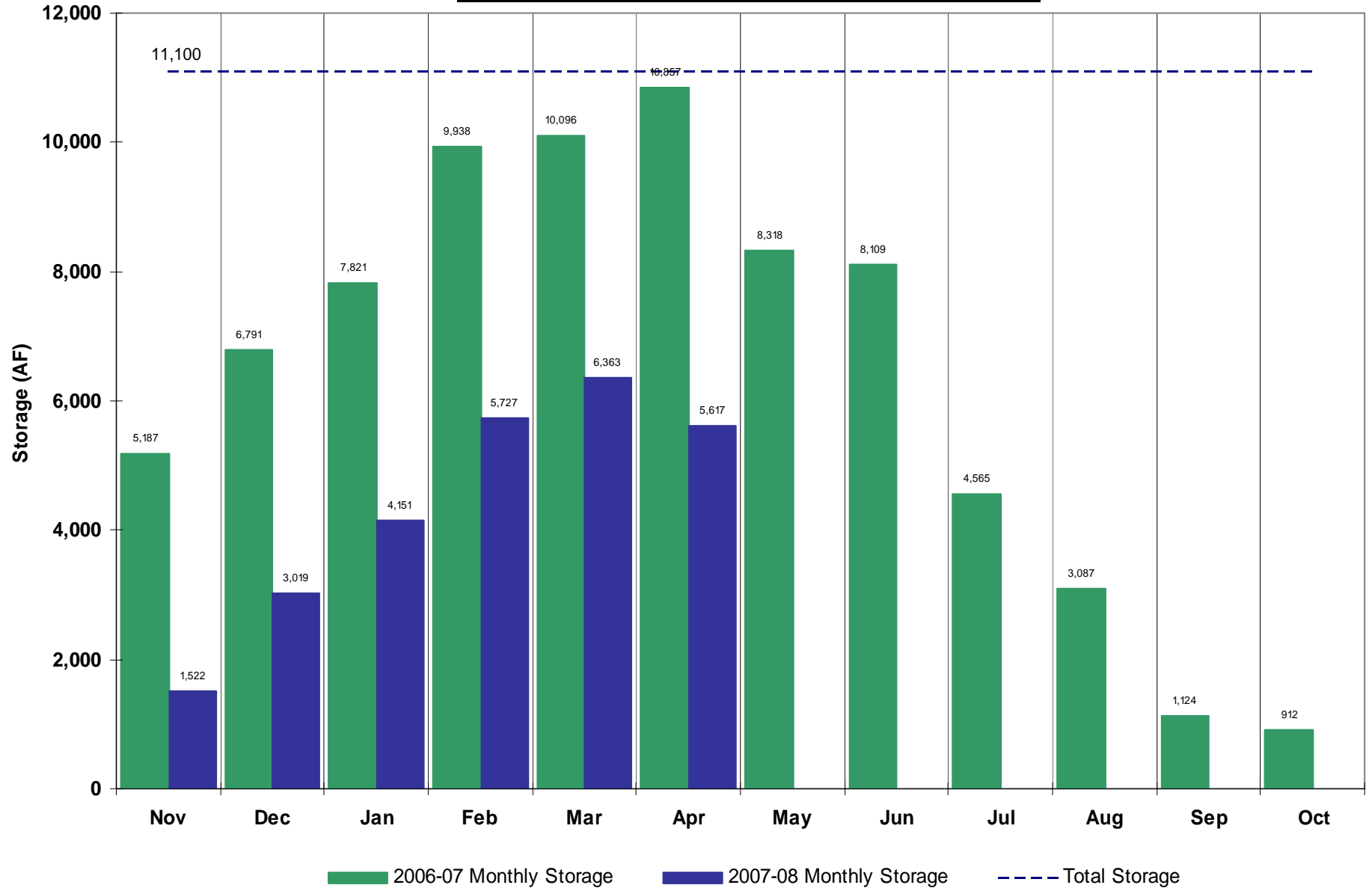
Cobb Lake

(District 3, Poudre River - Agricultural)



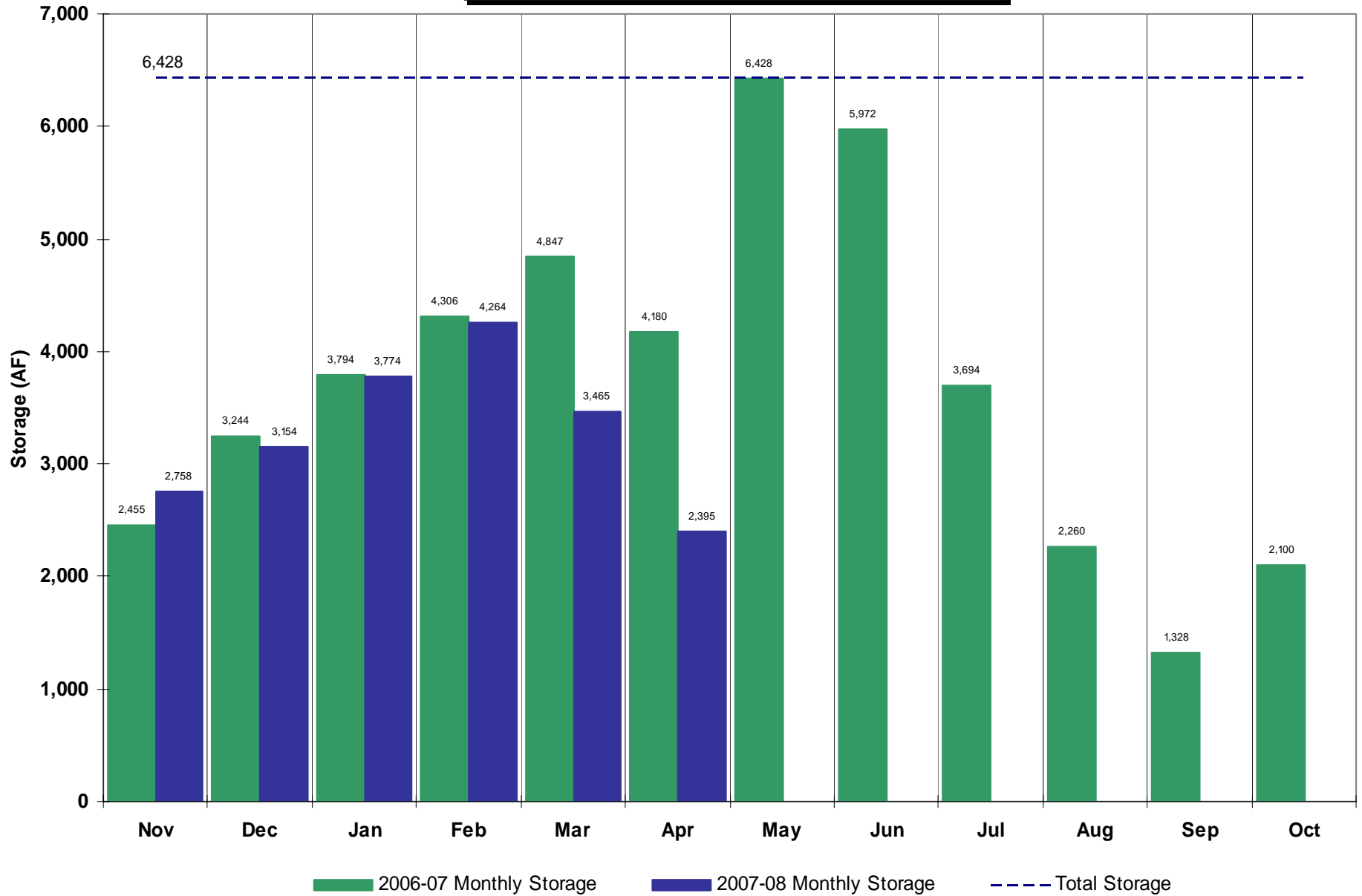
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



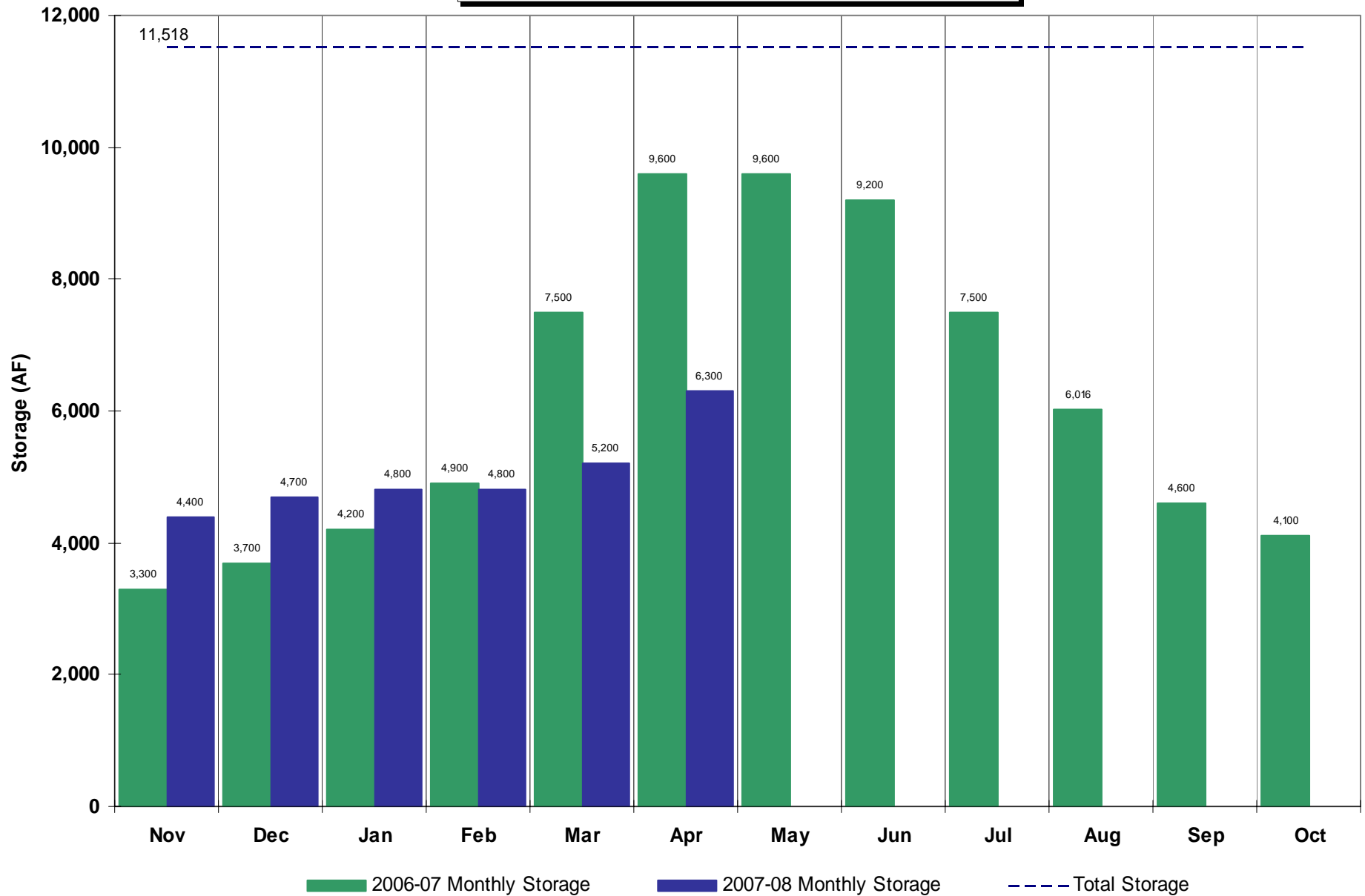
Halligan Reservoir

(District 3, Poudre River - Agricultural)



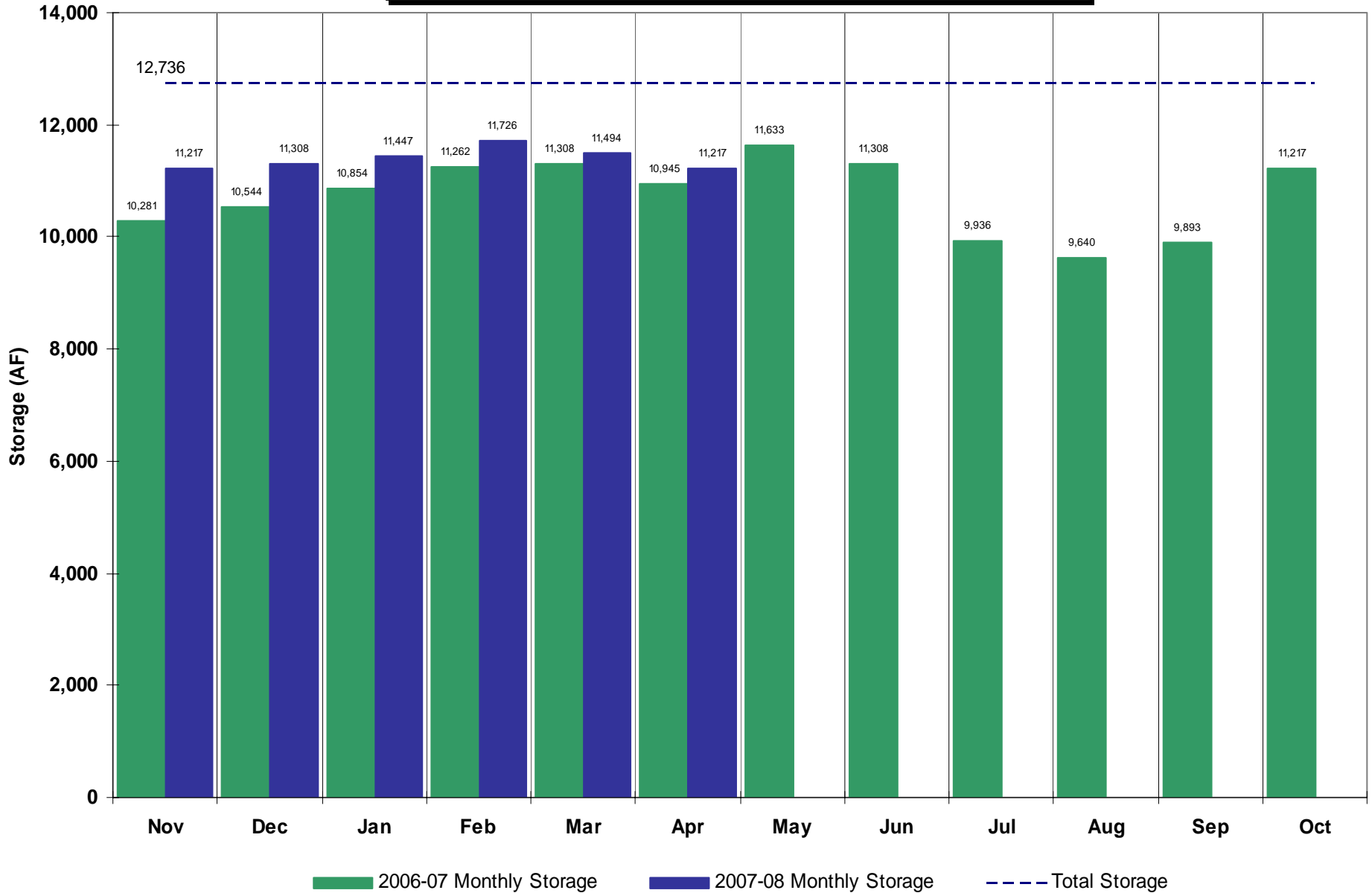
Marshall Lake

(District 6, Boulder Creek - Agricultural)



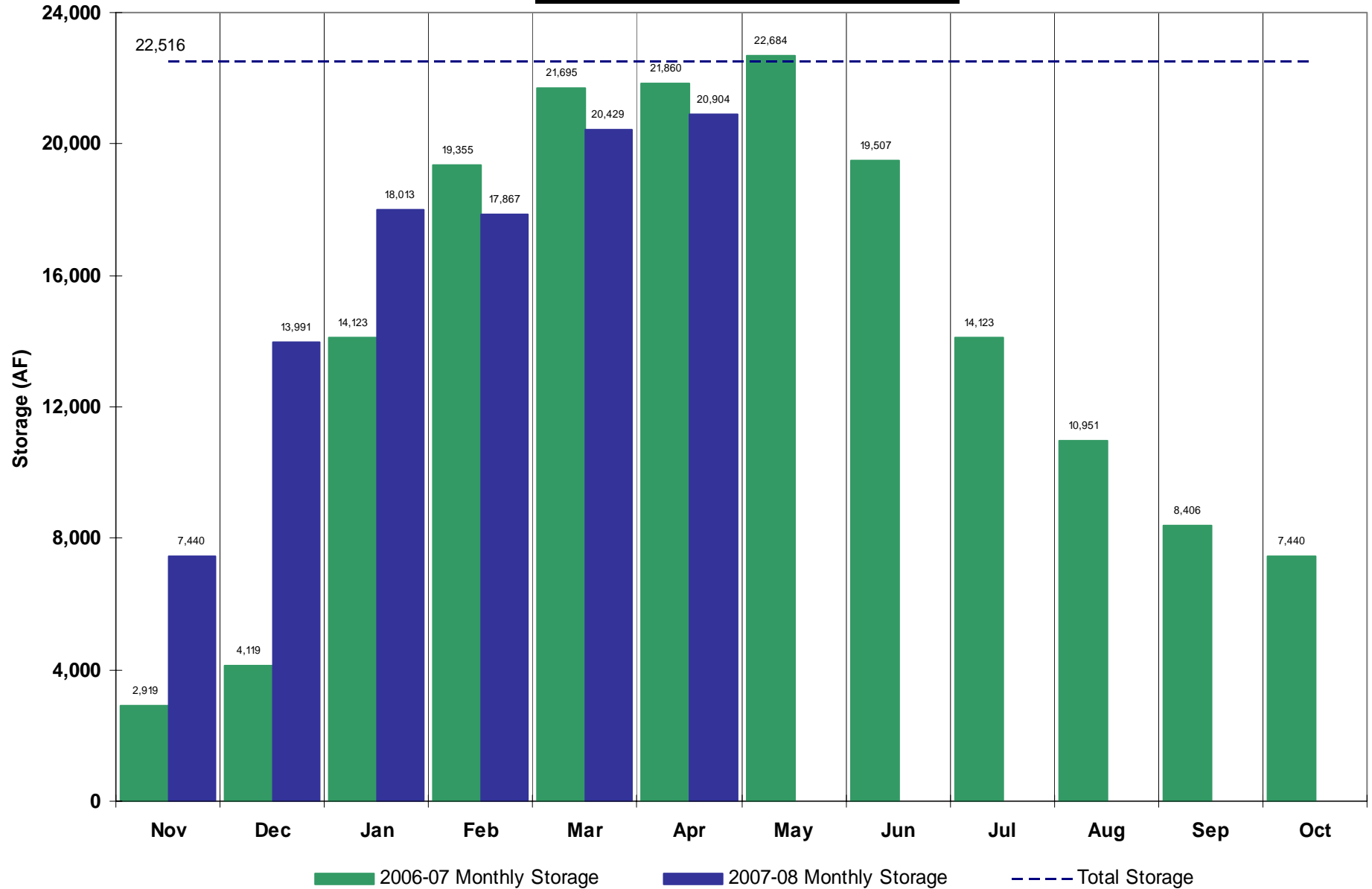
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



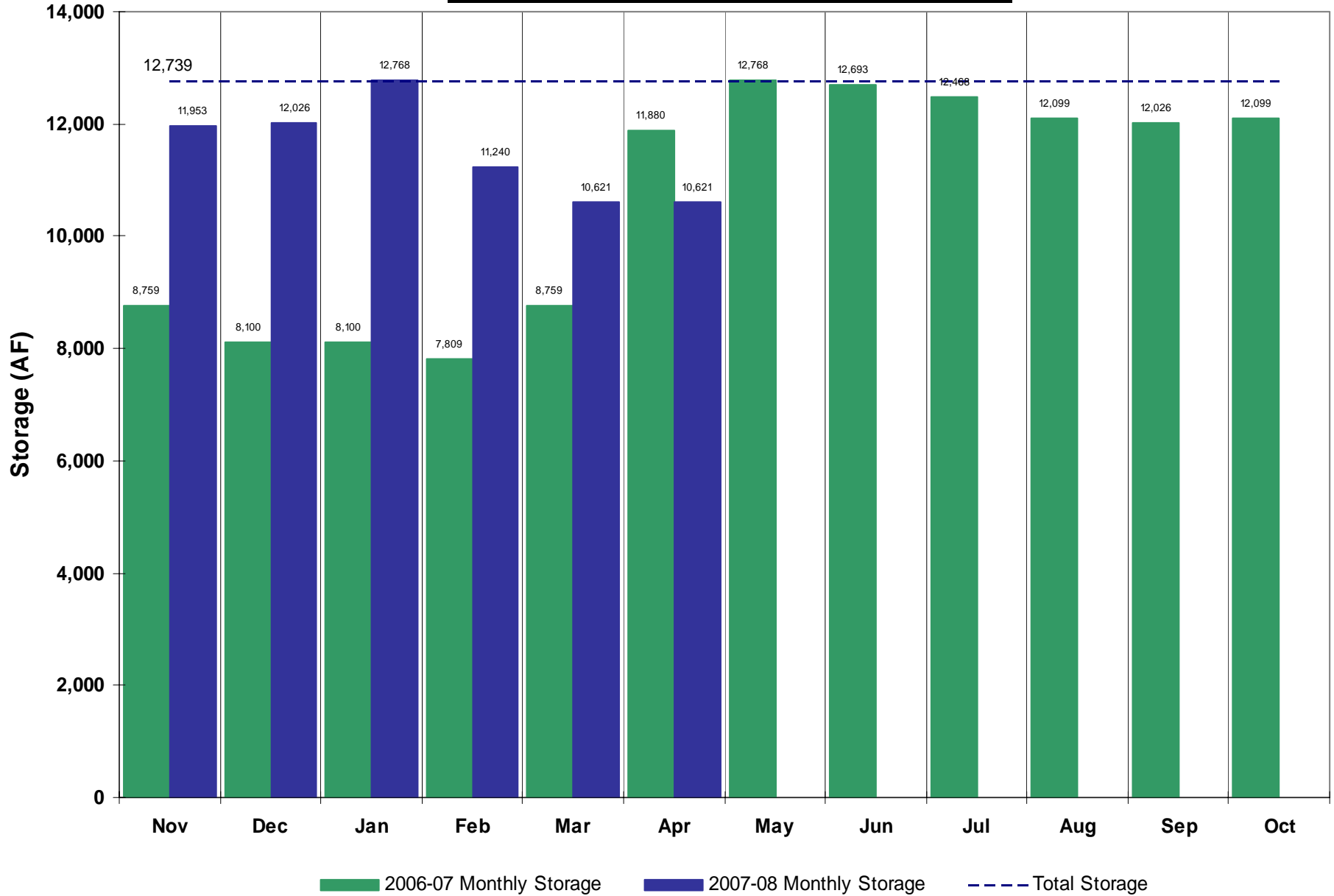
Milton Reservoir

(District 2 - Agricultural)

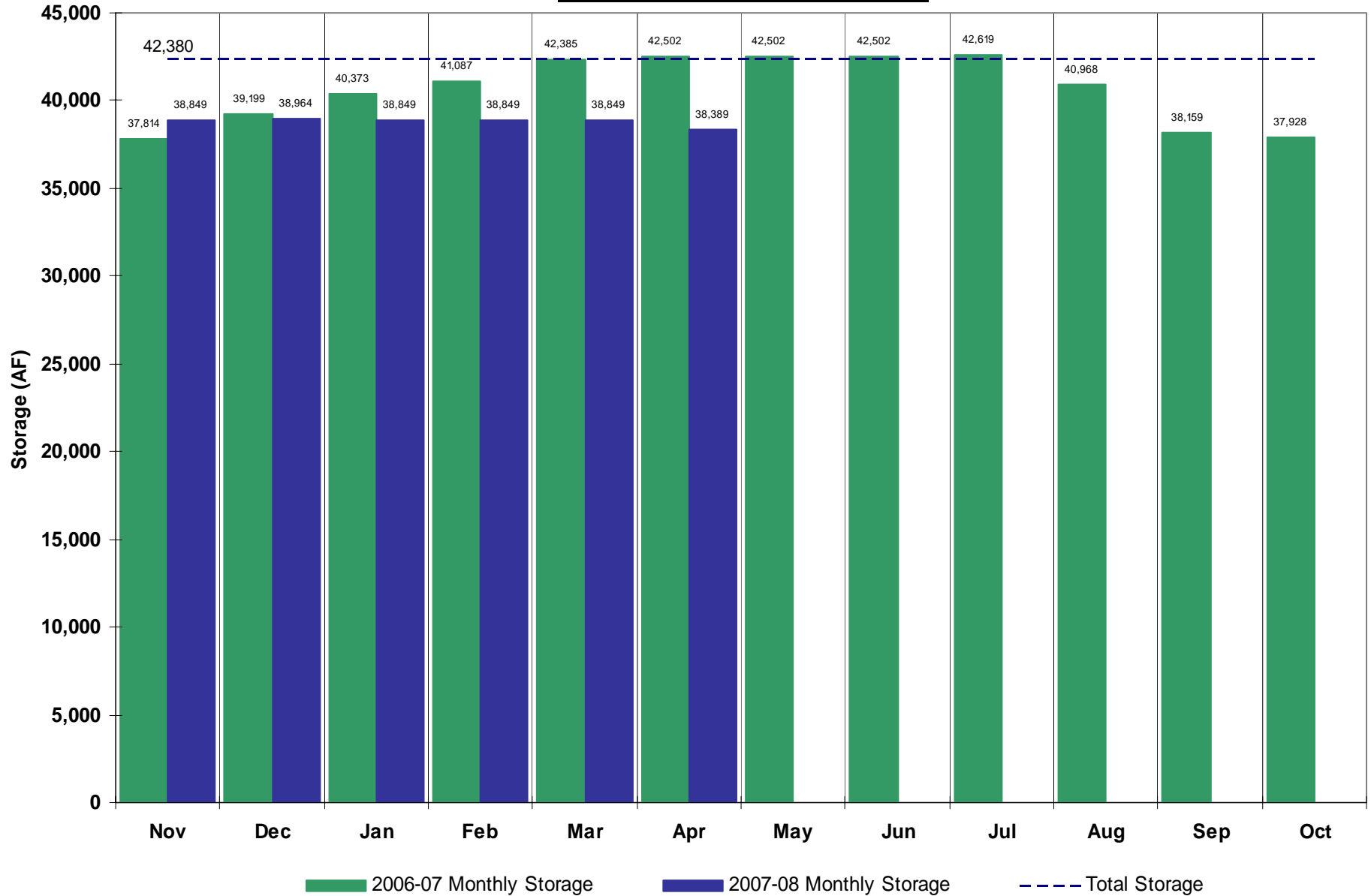


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

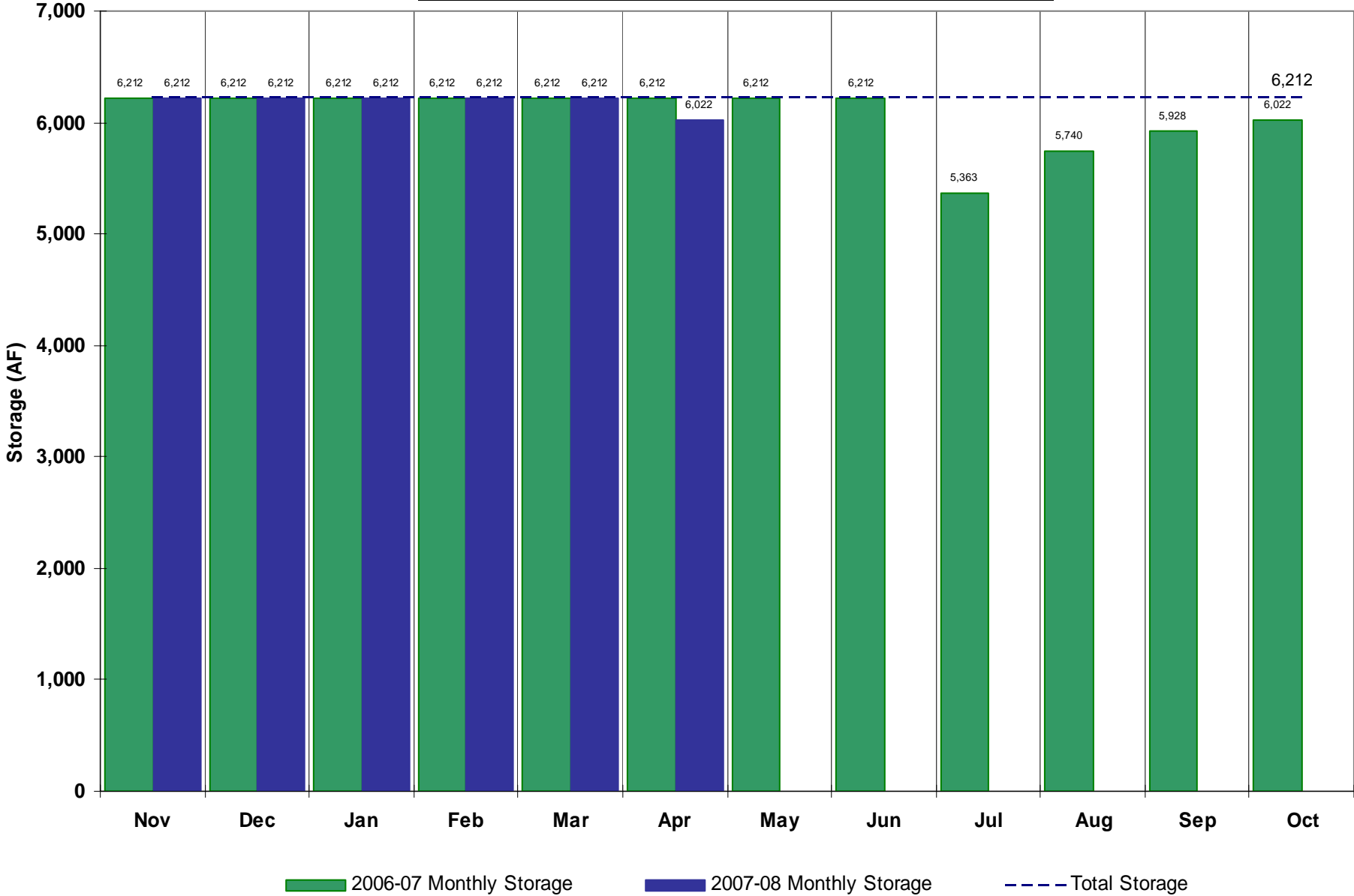


Standley Lake (Agricultural)



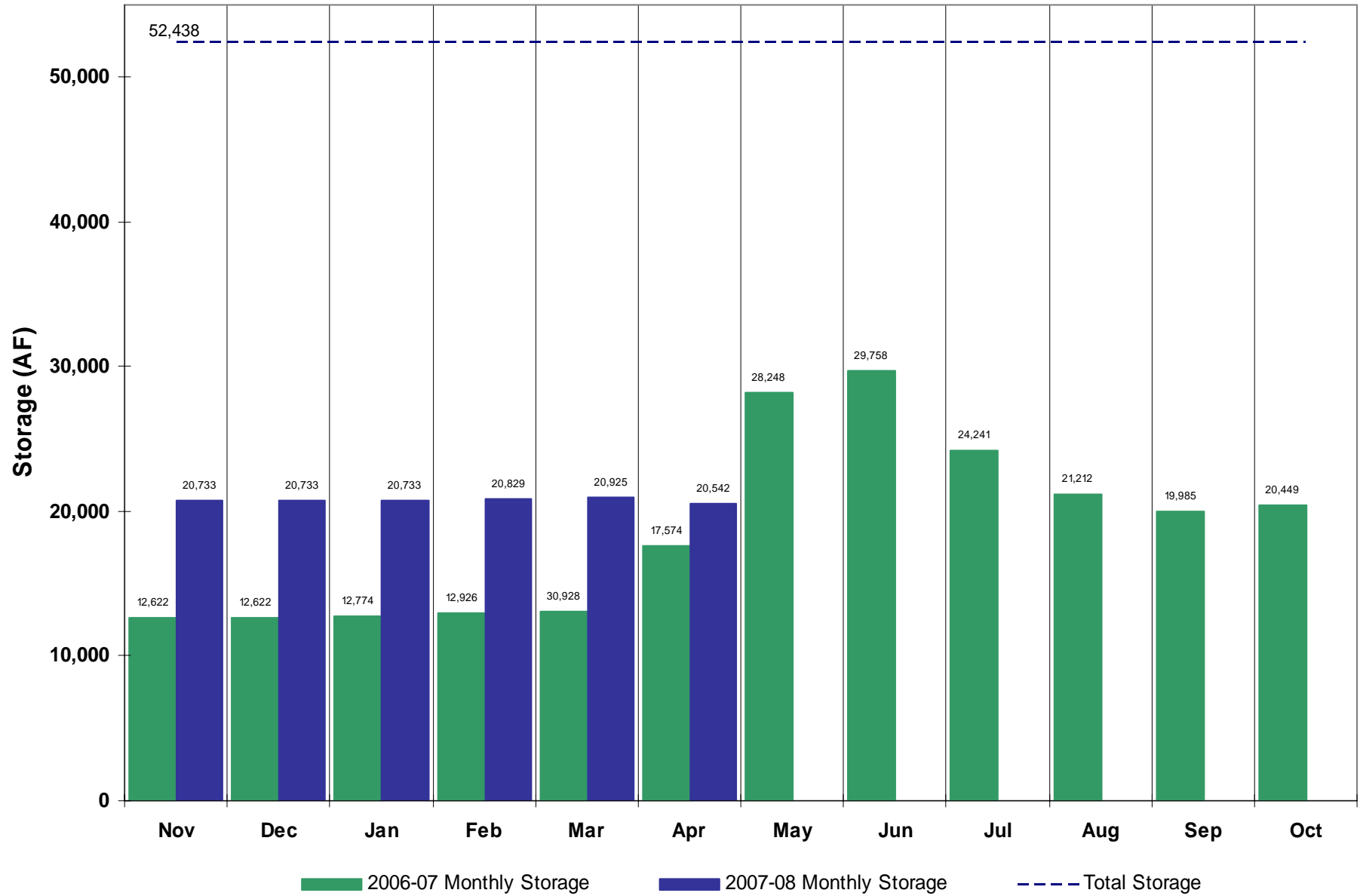
Lower Latham Reservoir

(District 2 - Agricultural)



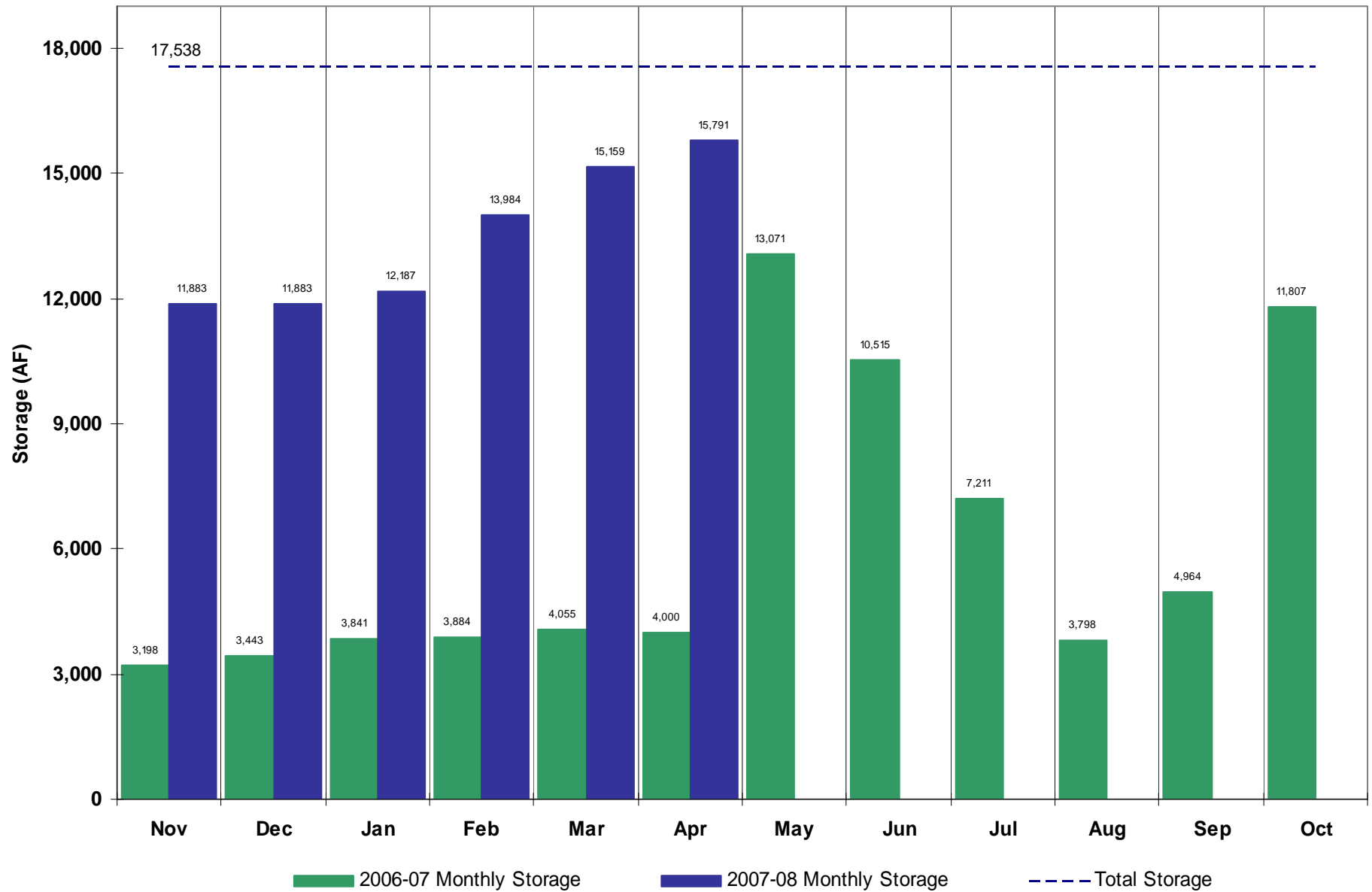
Boyd Lake

(District 4, Big Thompson River - Agricultural)



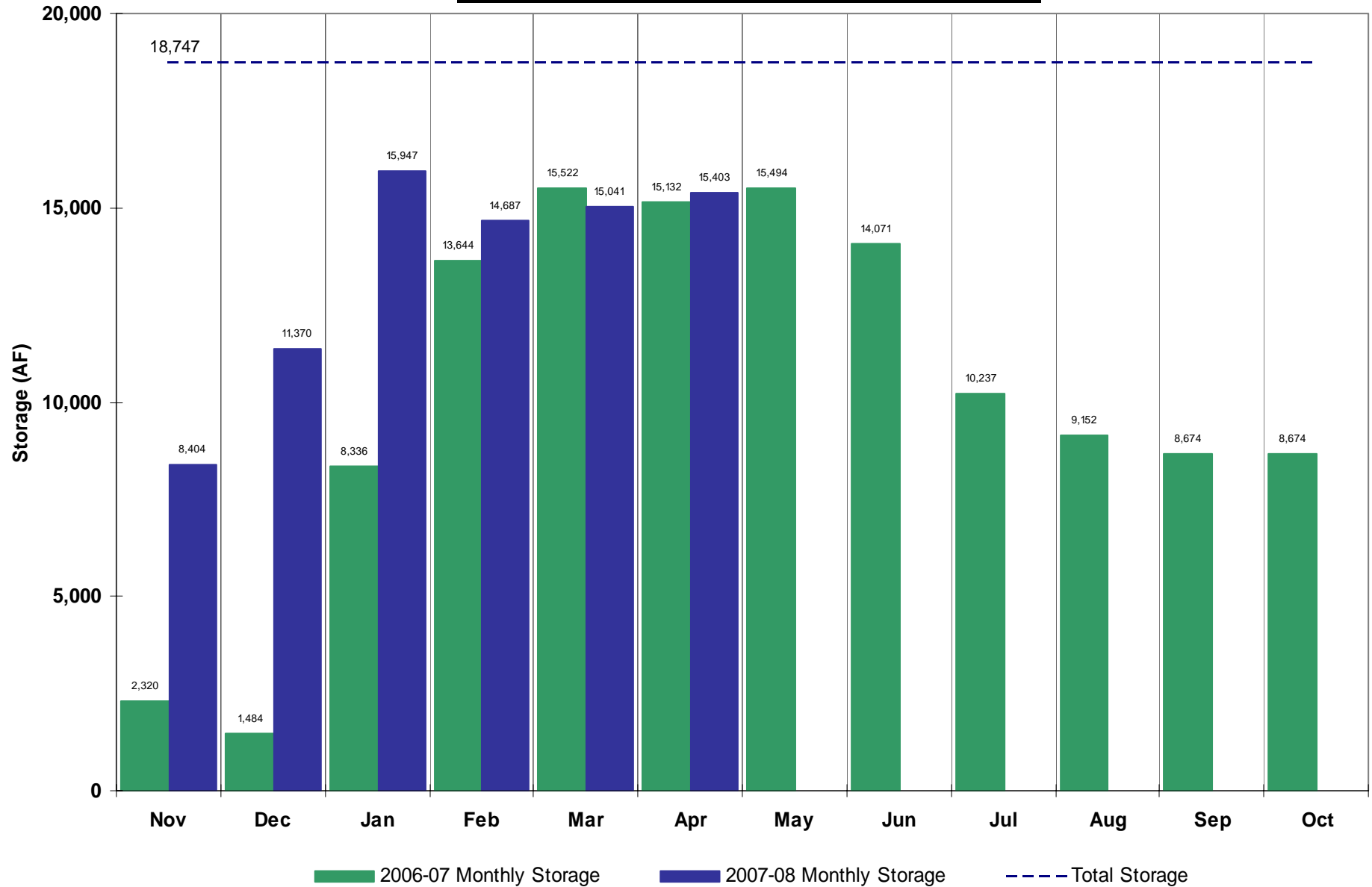
Windsor Reservoir

(District 3, Poudre River - Agricultural)



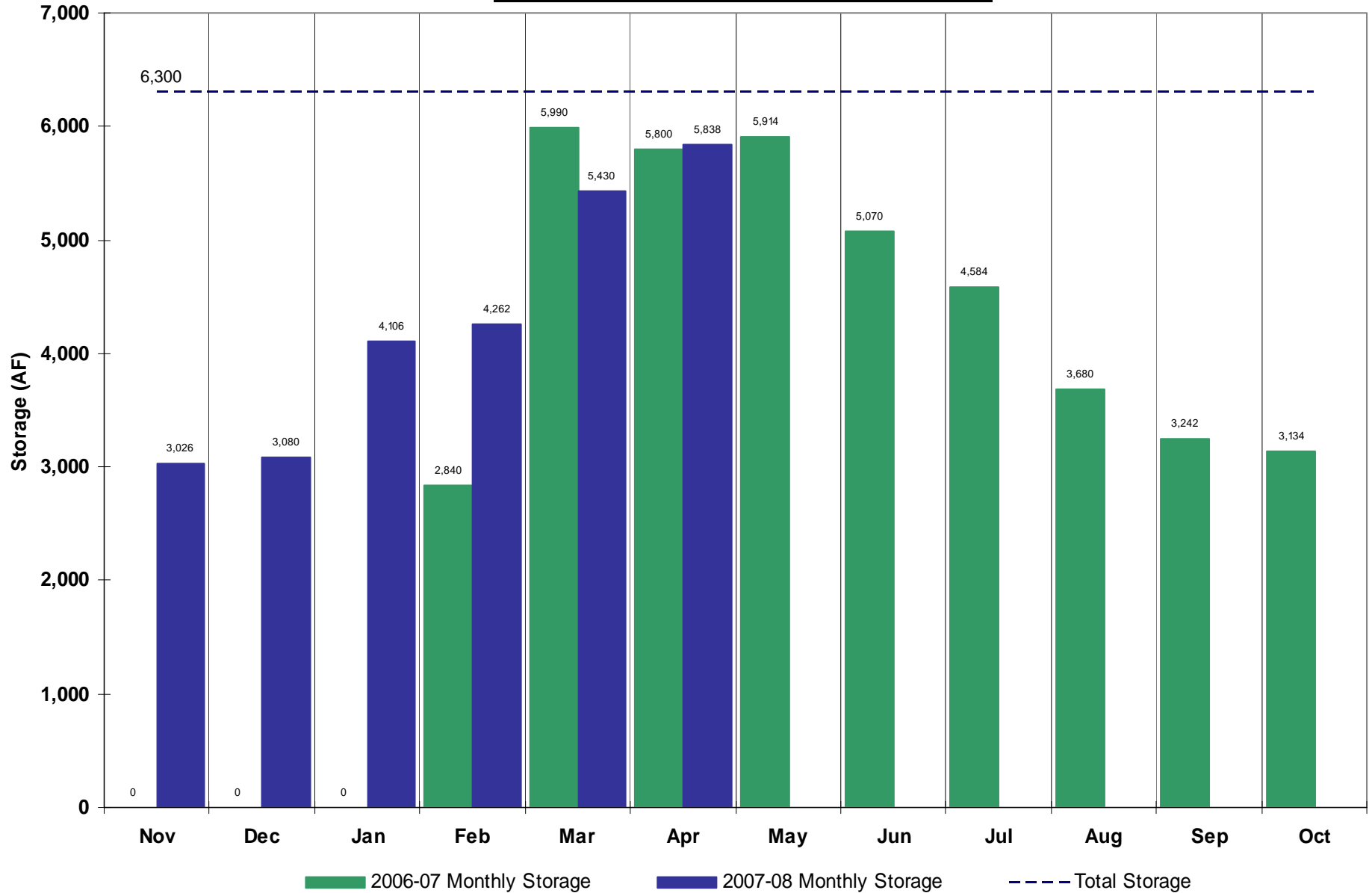
Horse Creek Reservoir

(District 1 - Agricultural)



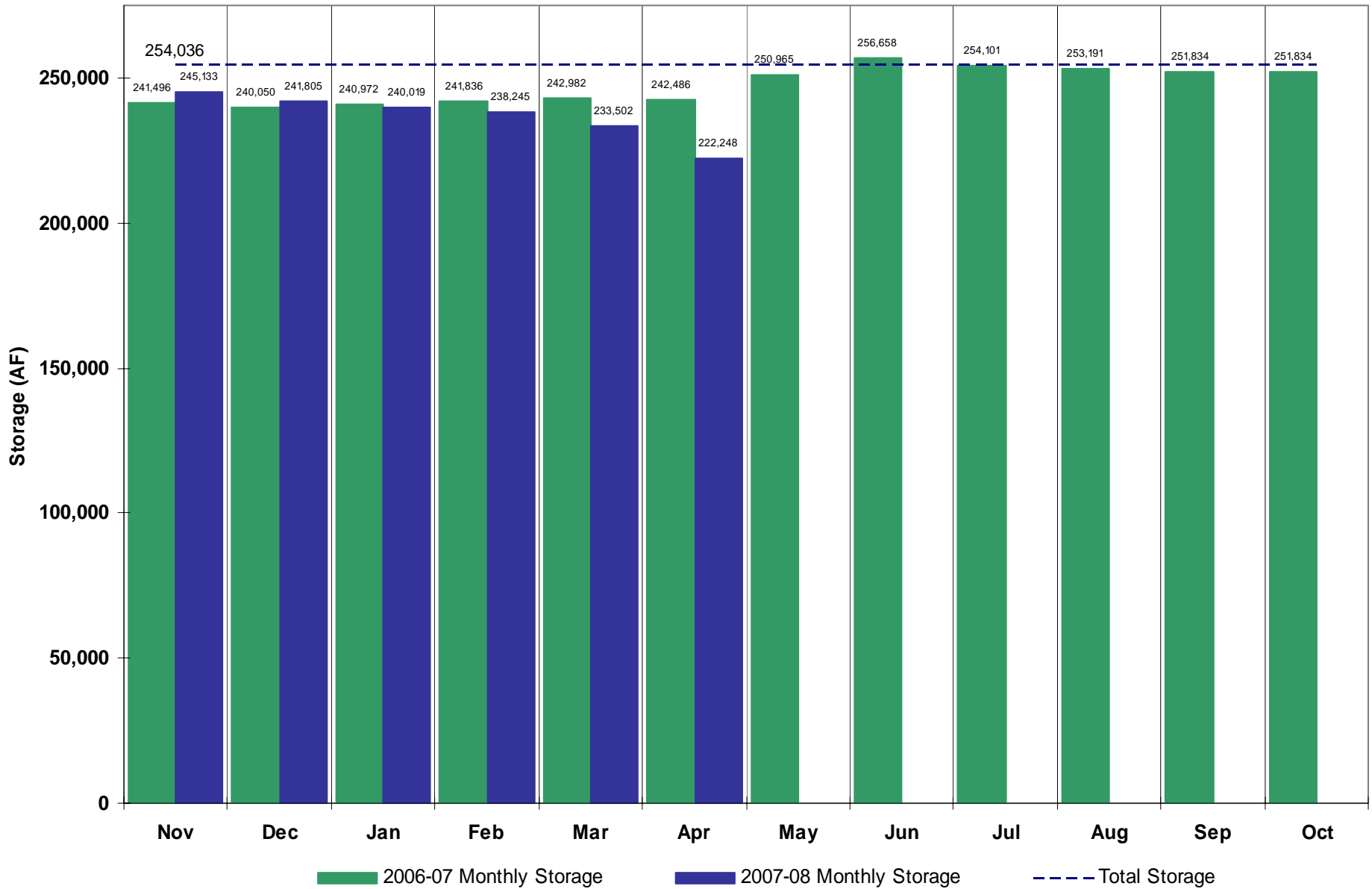
Prospect Reservoir

(District 1- Agricultural)



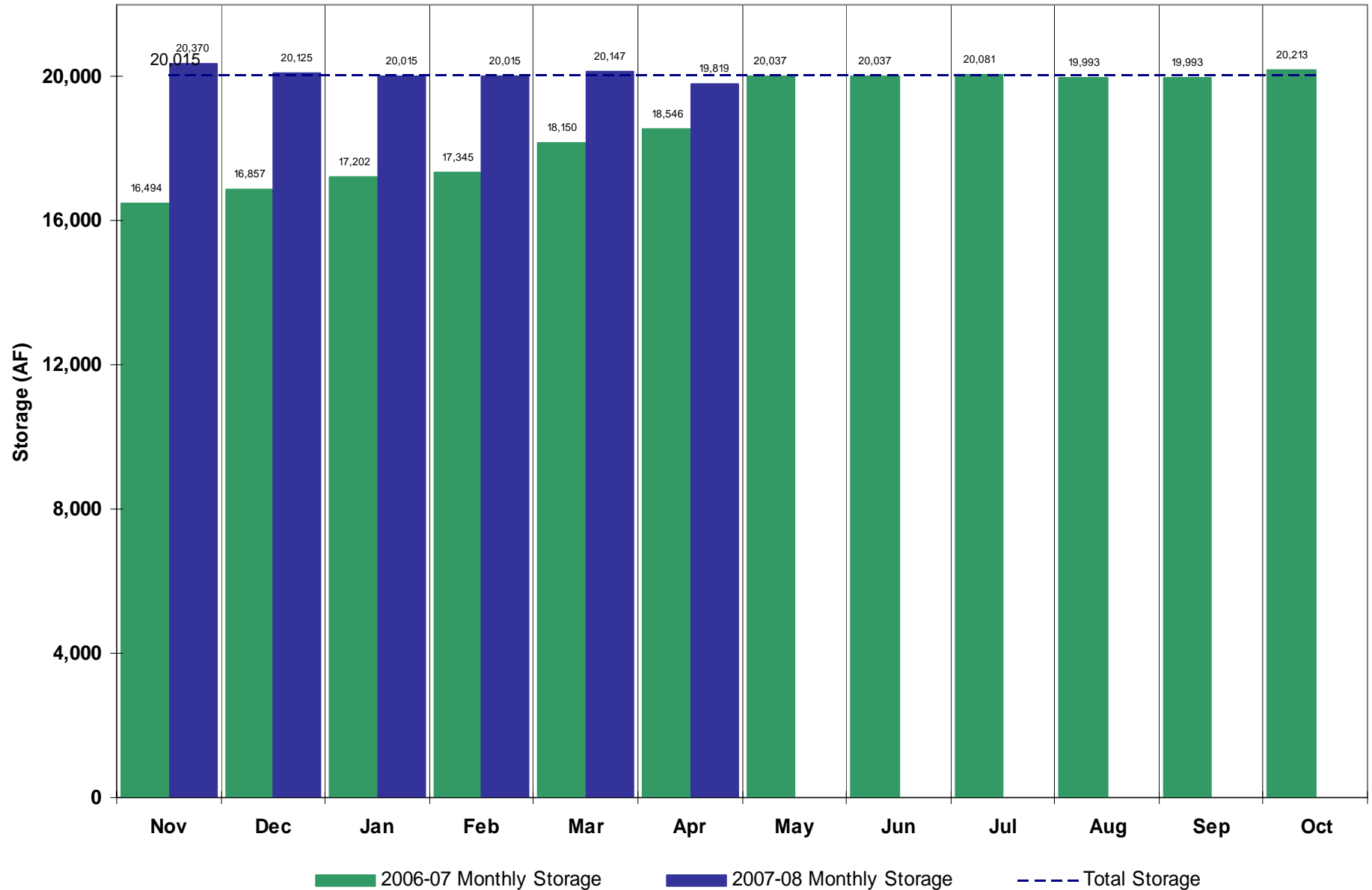
Dillon Reservoir

(Municipal)



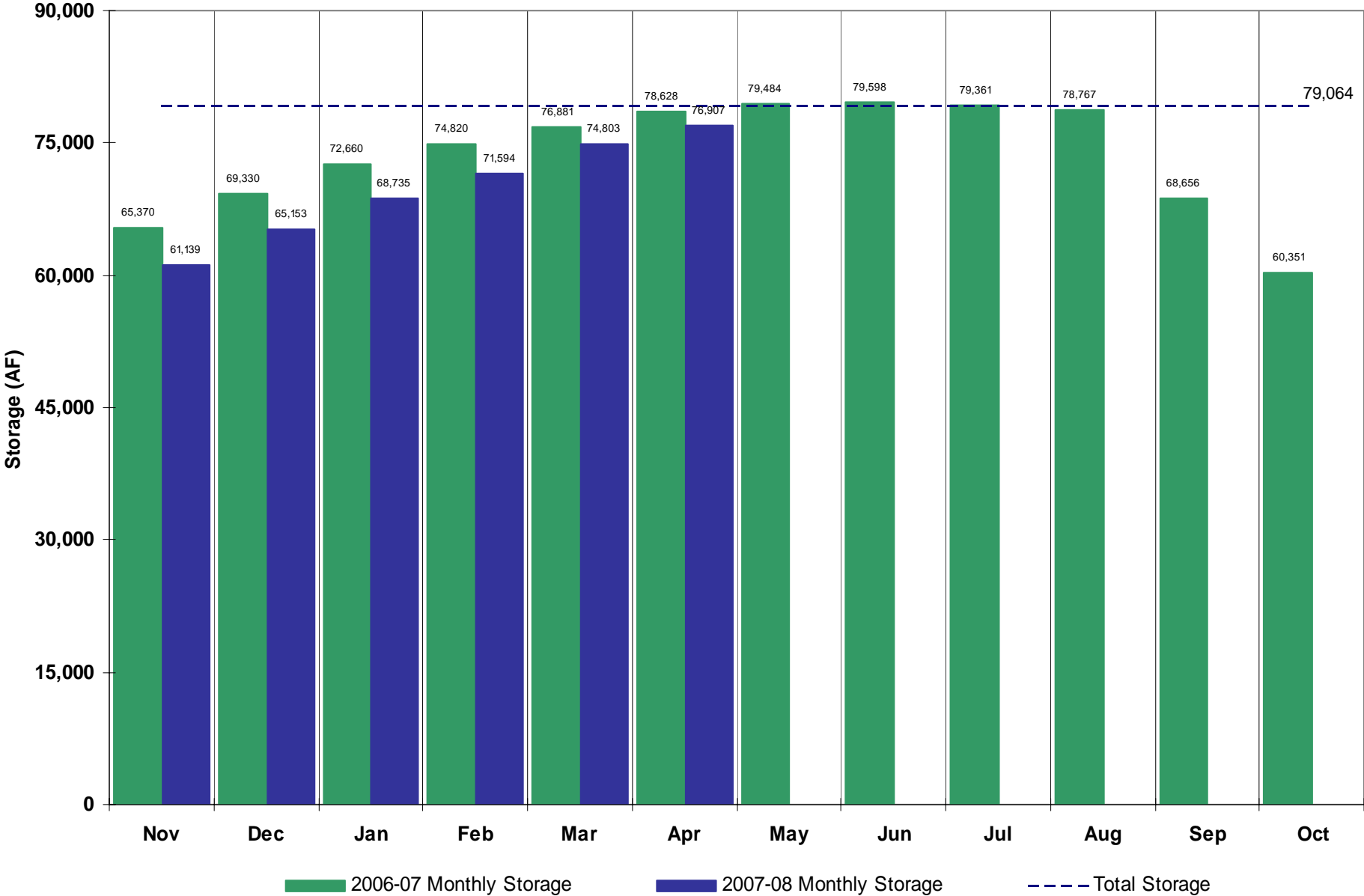
Antero Reservoir

(District 23 - Municipal)



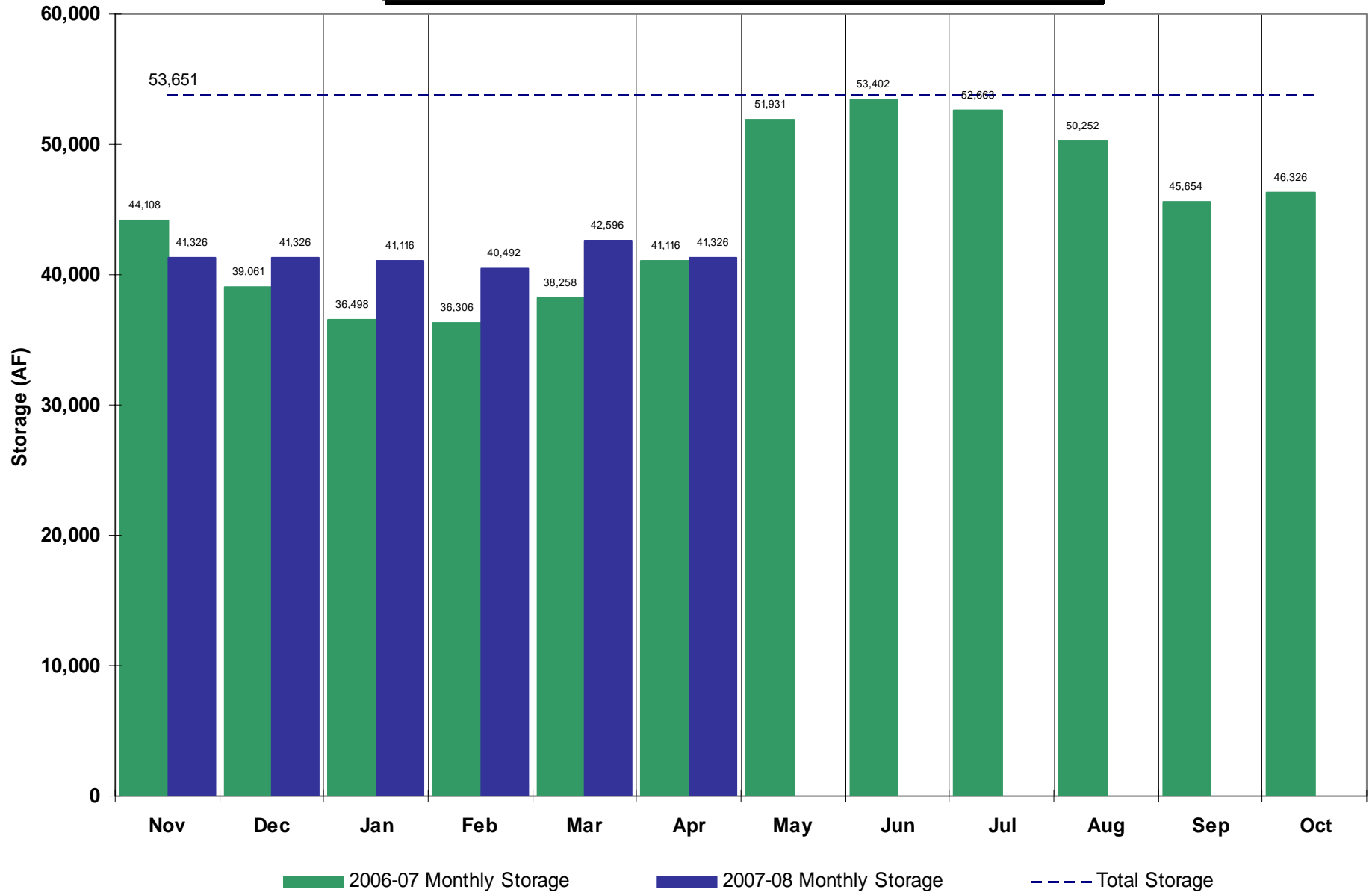
Cheesman Reservoir

(District 80 - Municipal)



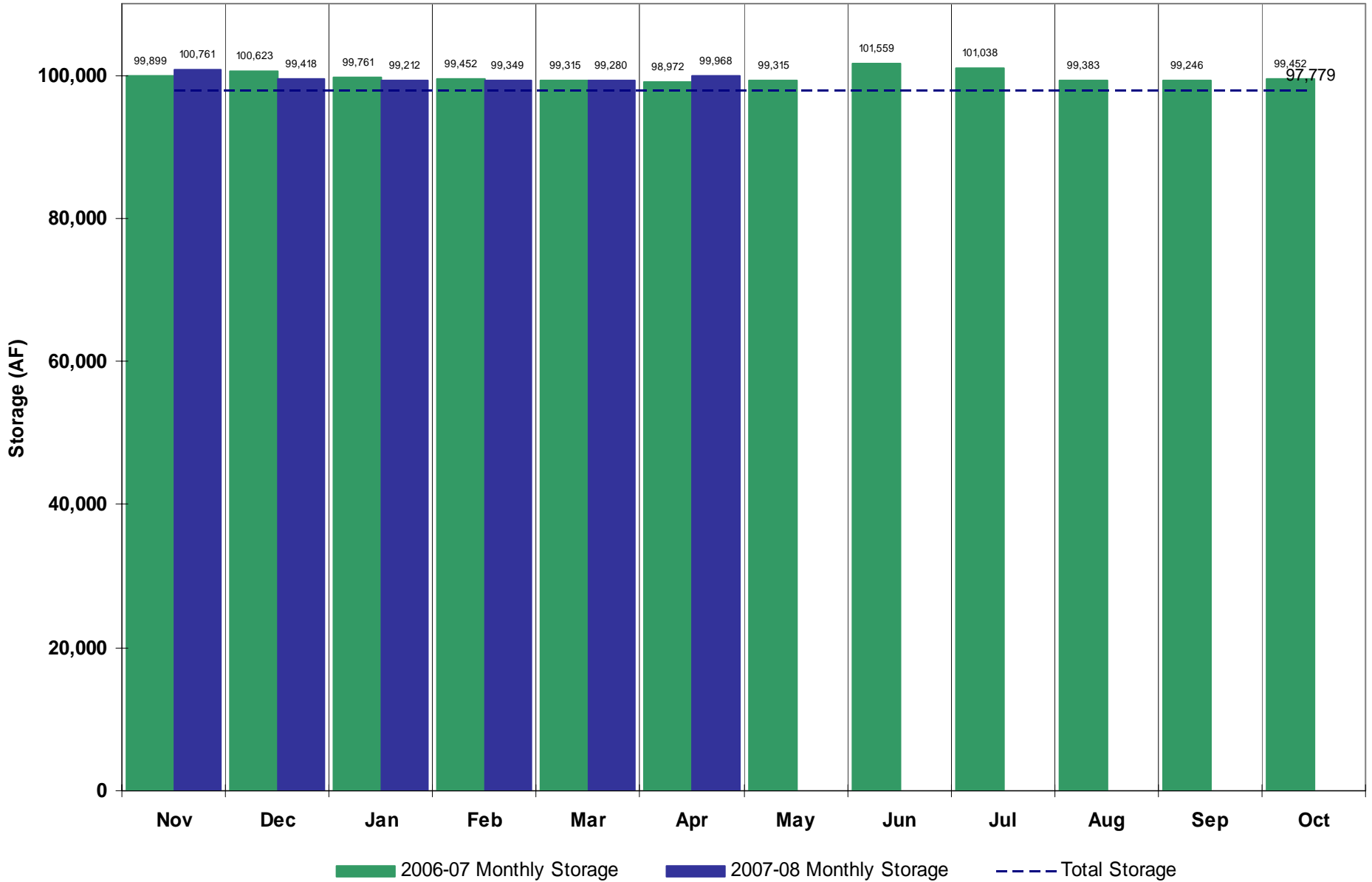
Spinney Mountain Reservoir

(District 23 - Municipal)

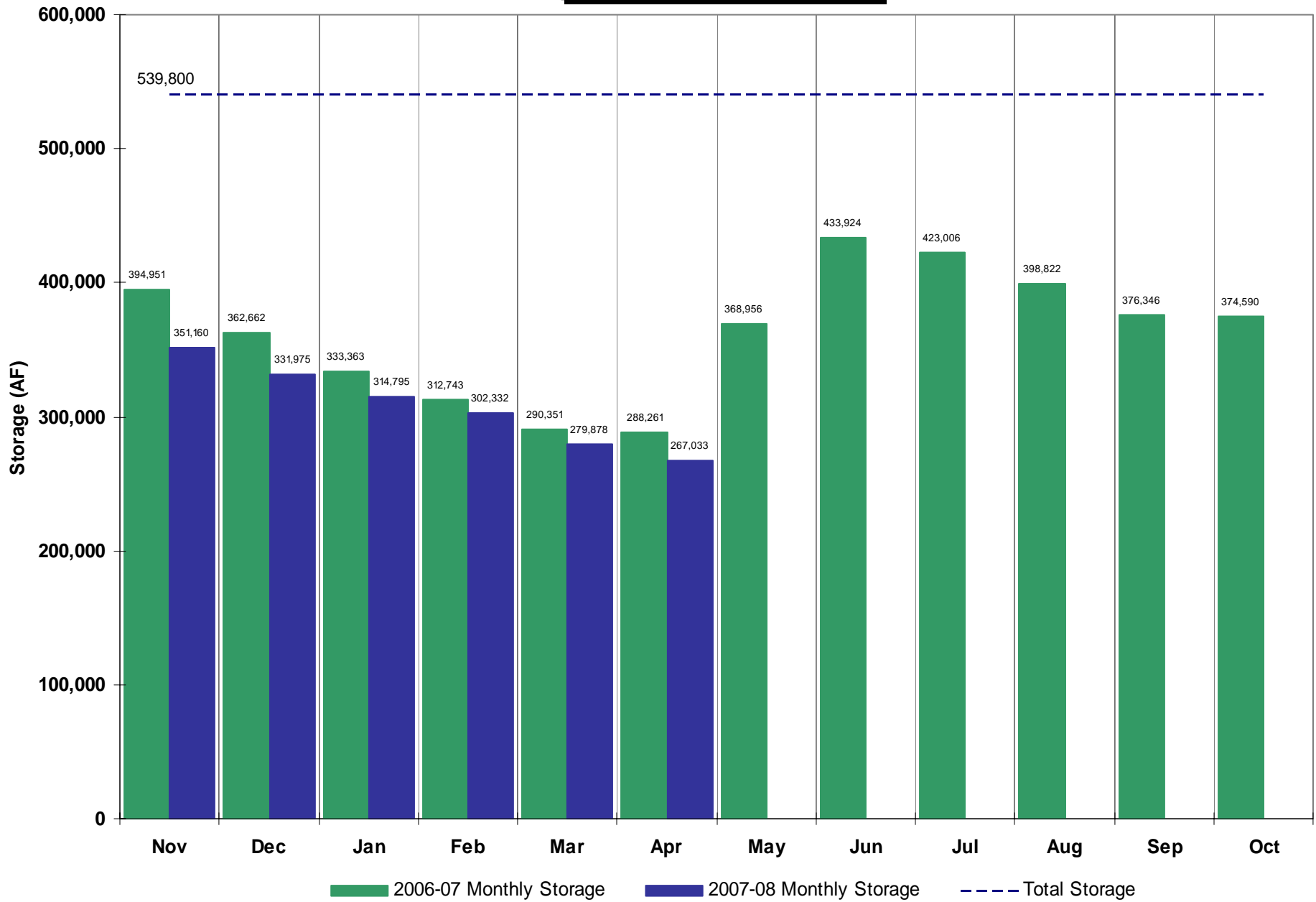


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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



Flume Installation on 67 Ditch
(Photo by Mark Trivisonno)