

September 2008

South Platte Summary



Compiled by Jana Ash



South Platte River upstream from
Waterton
(Photo by Jana Ash)

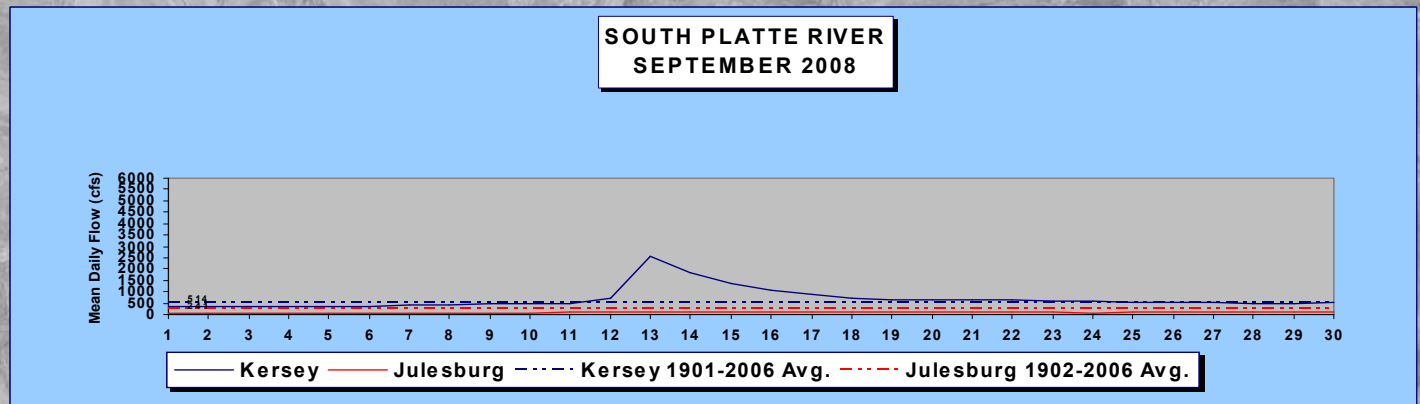
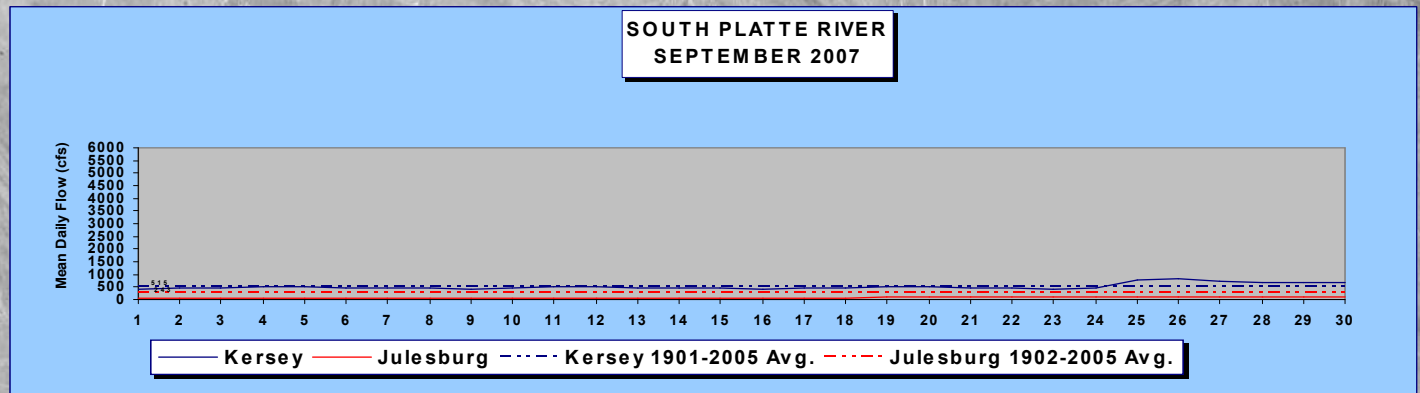
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF SEPTEMBER 2008

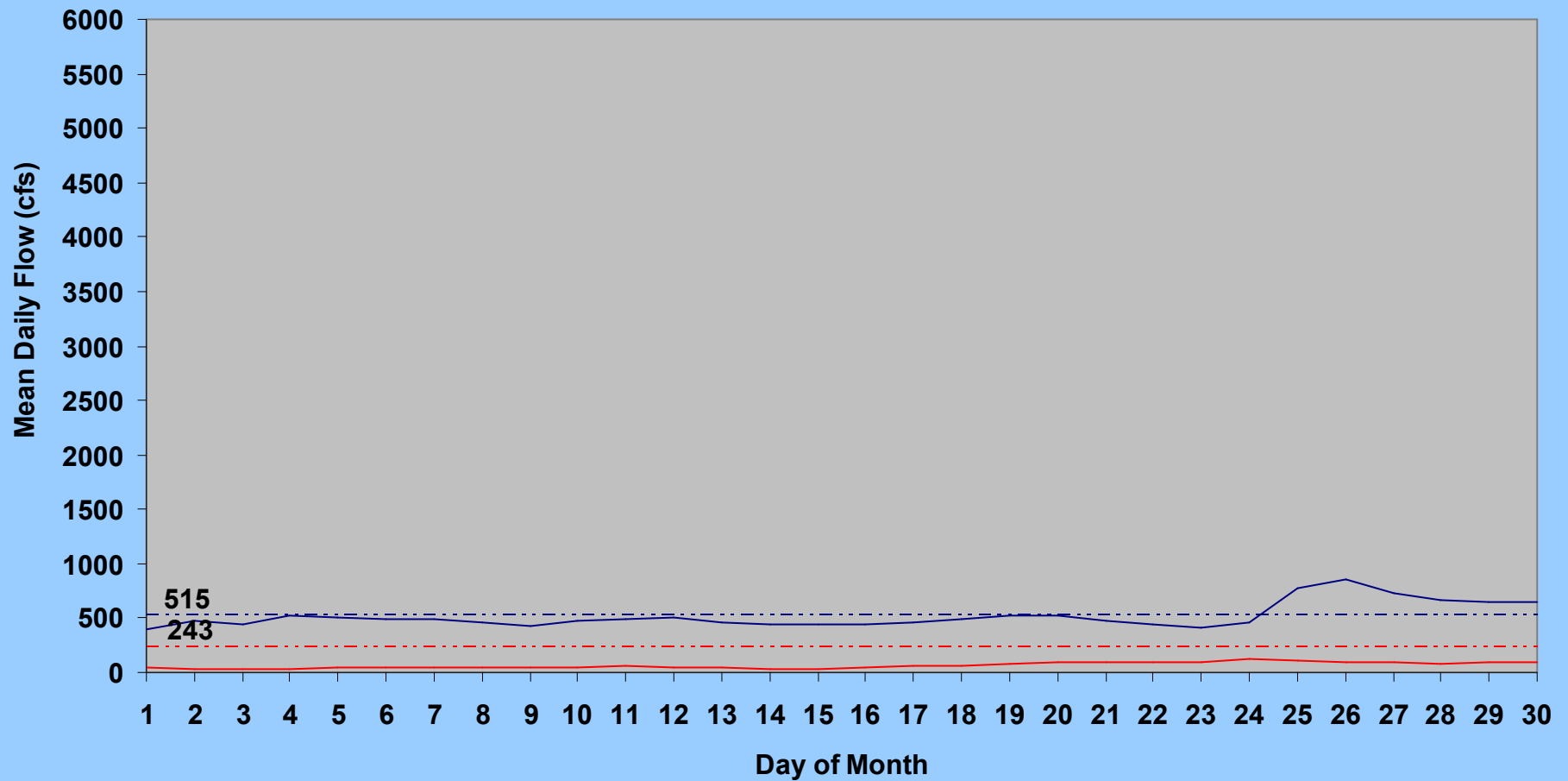
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	10,850	8,820	64	-2,030	-19%	39%	46%	0
N STERLING	73,730	17,303	14,347	64	-2,956	-17%	19%	11%	0
PREWITT	28,500	15,368	13,686	64	-1,682	-11%	48%	47%	0
JACKSON	27,257	12,493	9,754	1	-2,739	-22%	36%	53%	0
EMPIRE	37,700	6,450	4,208	1	-2,242	-35%	11%	31%	0
RIVERSIDE	63,113	22,481	19,181	1	-3,300	-15%	30%	30%	0
BARR LAKE	31,652	13,185	14,369	2	1,184	9%	45%	45%	0
CHEESMAN	79,064	73,200	62,576	80	-10,624	-15%	79%	87%	0
ELEVEN MILE	97,779	99,486	100,105	23	619	1%	100%	100%	2,326
SPINNEY	53,651	48,380	42,596	23	-5,784	-12%	79%	85%	0
ANTERO	20,015	19,993	19,884	23	-109	-1%	99%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	679
JULESBURG	90
THIS MONTH LAST YEAR	
KERSEY	520
JULESBURG	66
MEAN FOR PERIOD OF RECORD*	
KERSEY	514
JULESBURG	241

* 1901-2006
1902-2006

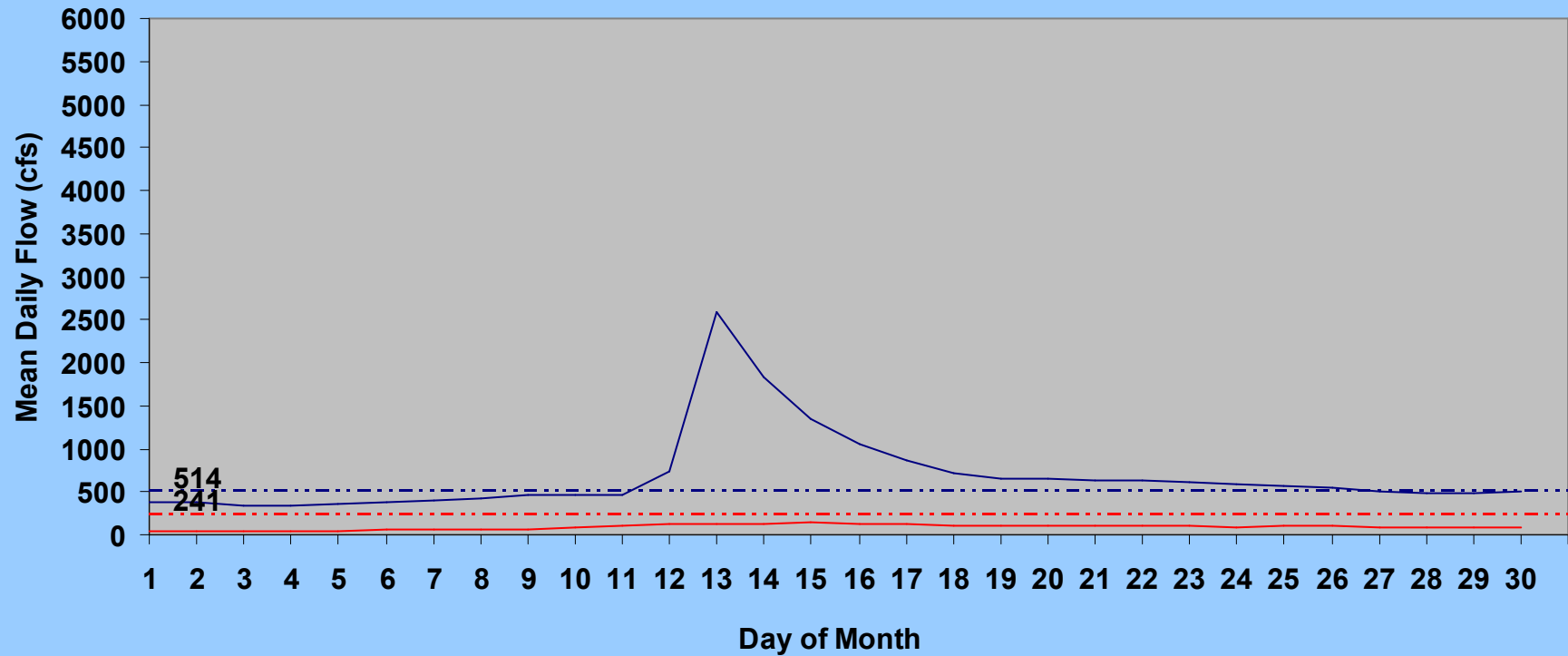


SOUTH PLATTE RIVER SEPTEMBER 2007



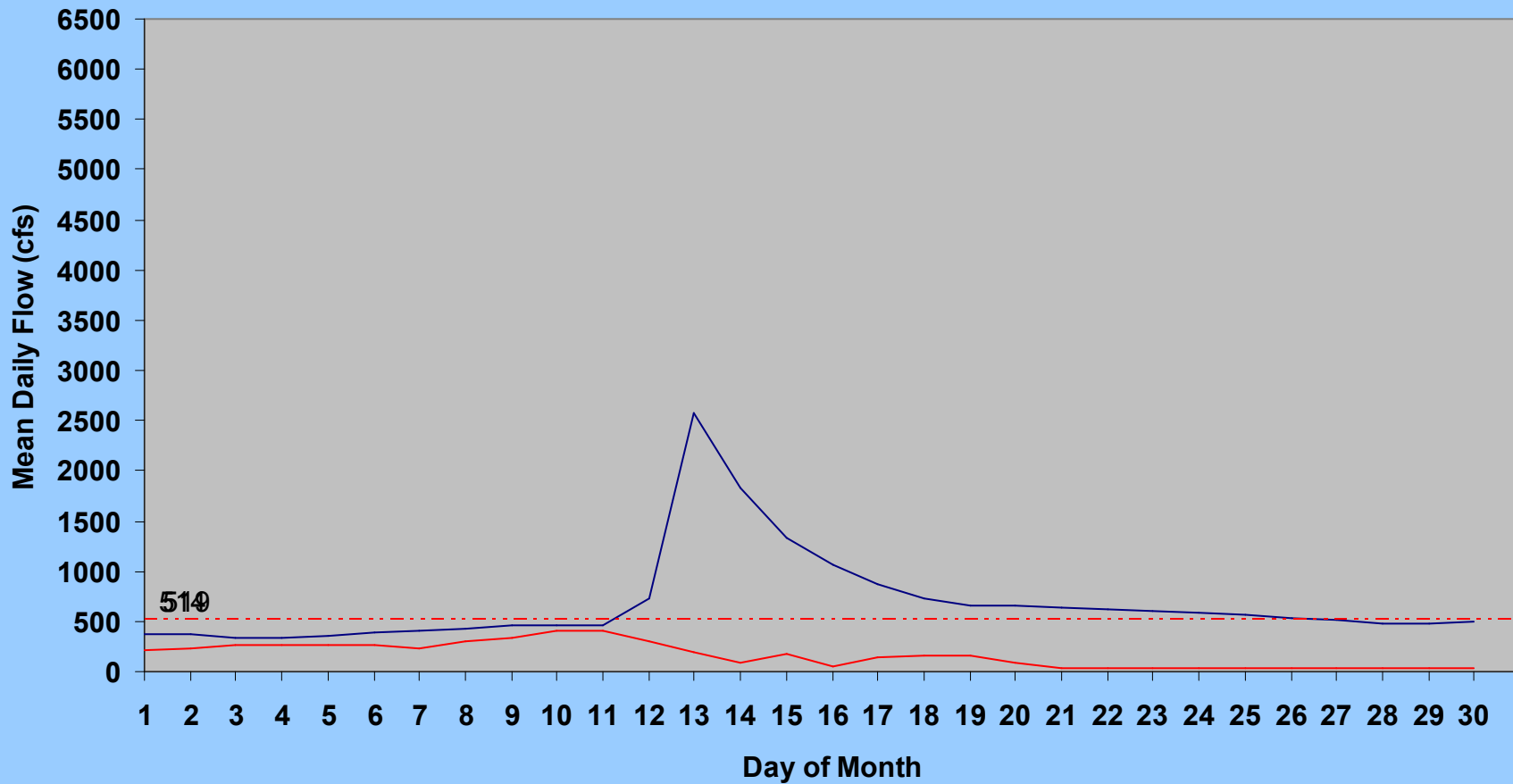
— Kersey — Julesburg - · - · Kersey 1901-2005 Avg. - · - · Julesburg 1902-2005 Avg.

SOUTH PLATTE RIVER SEPTEMBER 2008



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

KERSEY and BALZAC SEPTEMBER 2008



— Kersey — Balzac - - - Kersey 1901-2005 Avg. - - - Balzac 1917-2005 Avg.

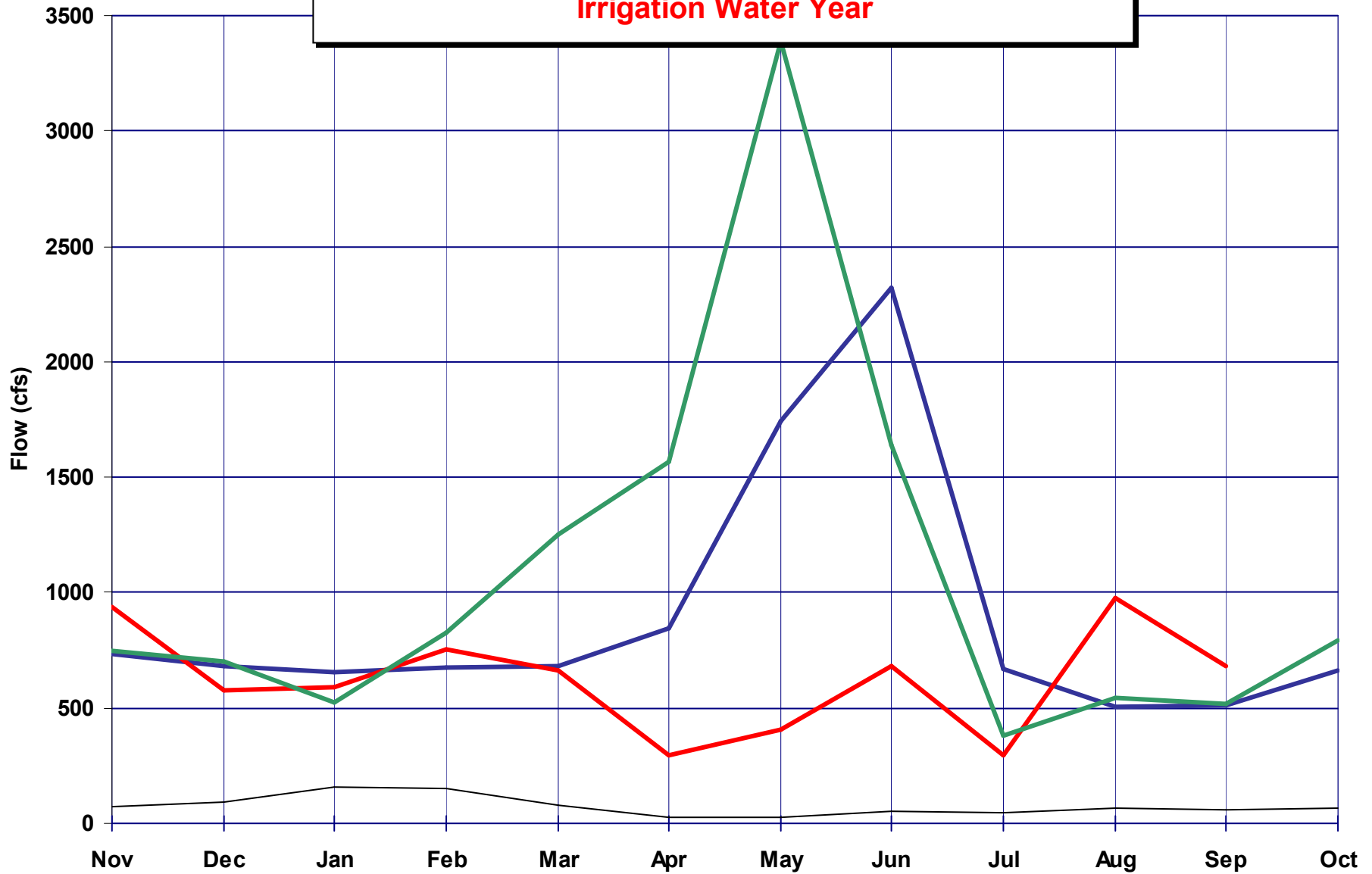
South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 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	408	May	1024	18100	1973	12	1911	110
Jun	2321	31000	1921	52	1954	682	Jun	1442	30800	1921	2.0	1910	77
Jul	666	12600	1983	44	1955	295	Jul	295	12600	1983	0.0	1903	35
Aug	505	9690	1951	65	1934	976	Aug	182	8920	1968	0.0	1903	73
Sep	514	14200	1938	62	1940	679	Sep	241	7130	1938	2.0	1902	90
Oct	664	6180	1984	66	1954		Oct	307	3130	1984	4.2	1903	
*Period of record 1901-2006							*Period of record 1902-2006						

Kiwanis Lake
(Photo by Mark Trivisonno)

South Platte River at Kersey

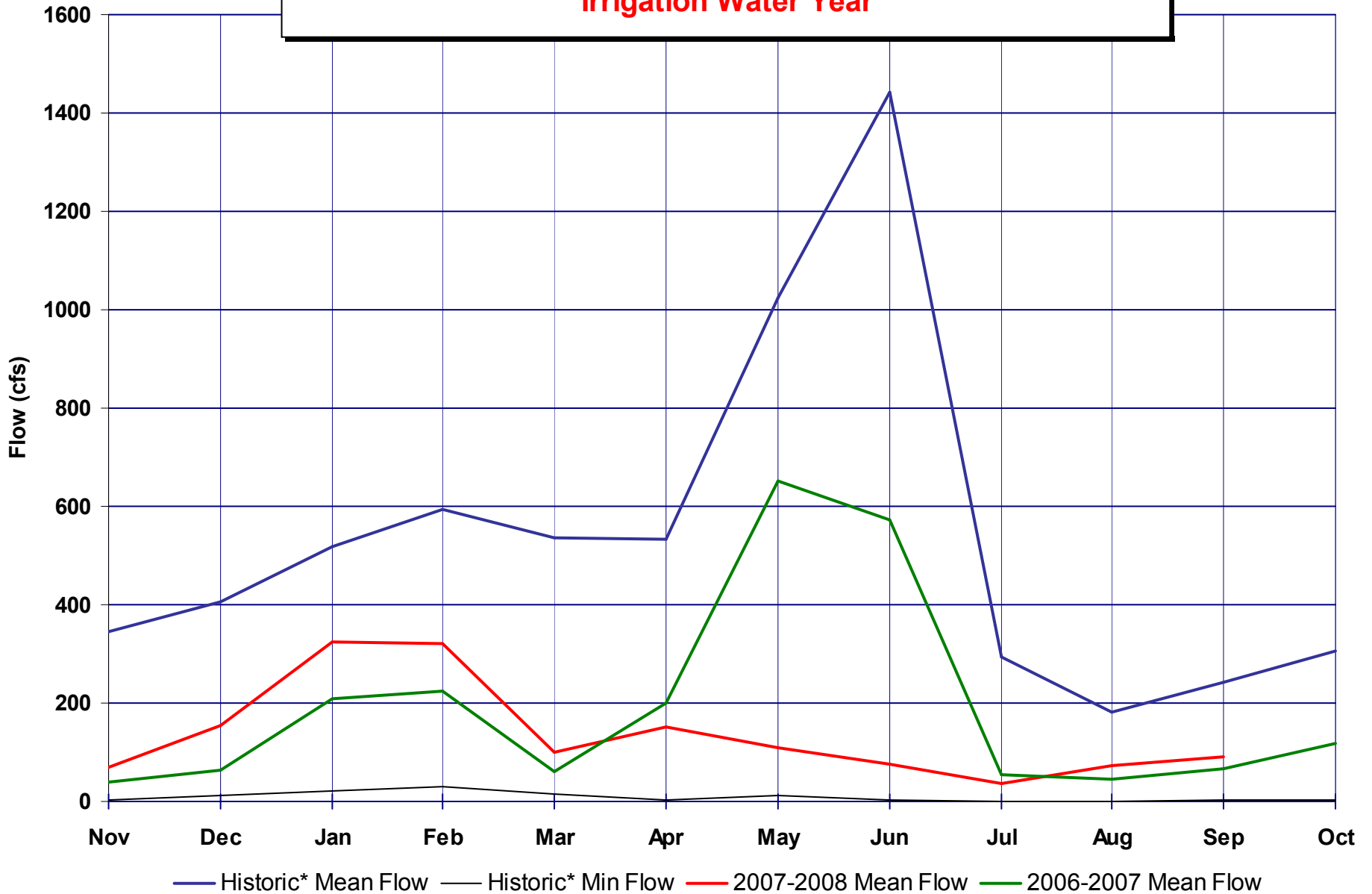
Irrigation Water Year



— Historic* Mean Flow — Historic* Min Flow — 2007-2008 Mean Flow — 2006-2007 Mean Flow
*1901-2006

South Platte River at Julesburg

Irrigation Water Year



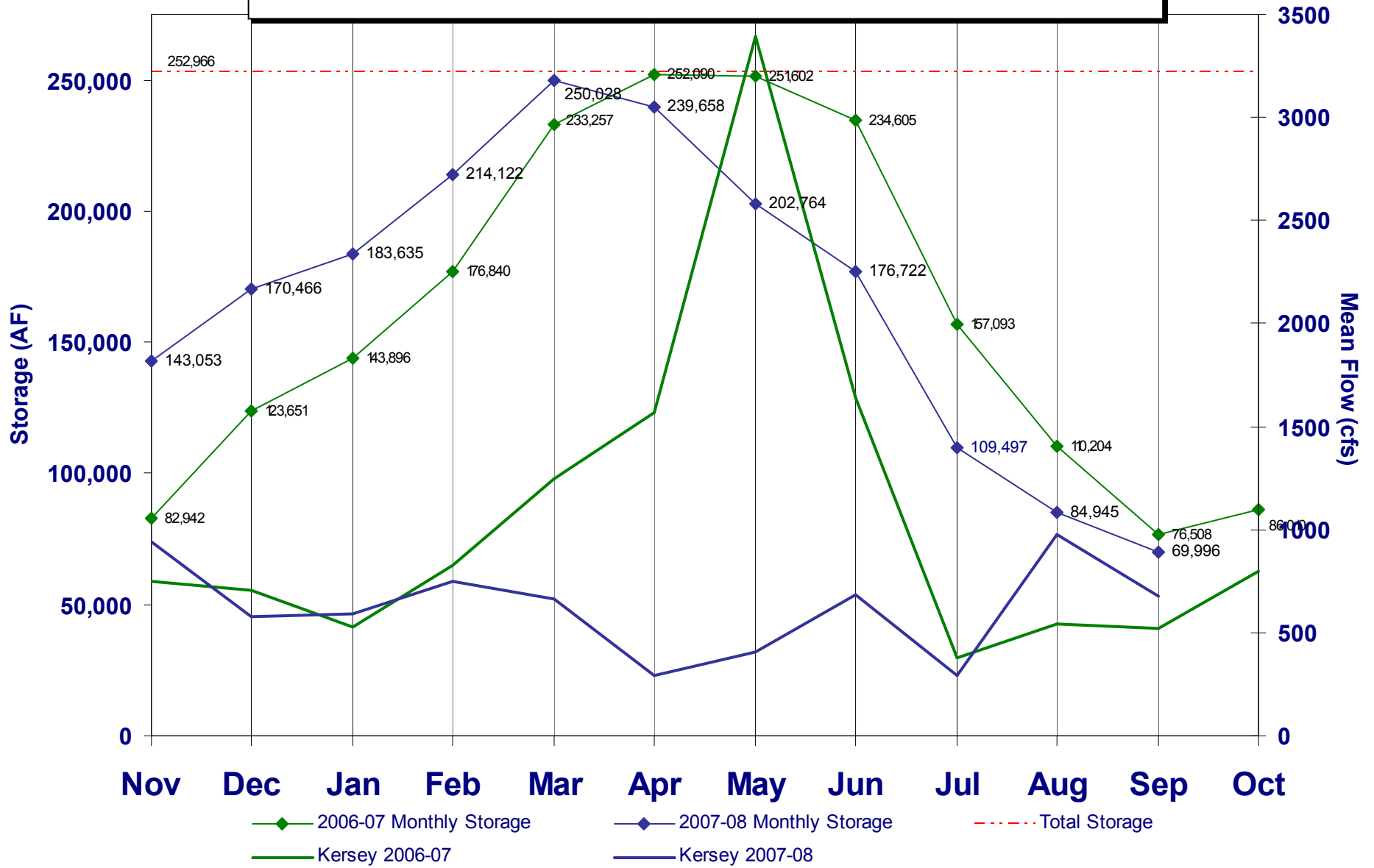
Next four slides show Reservoir Storage below and above Kersey



Barnes Meadow Reservoir
(Photo by Claudia Engelmann)

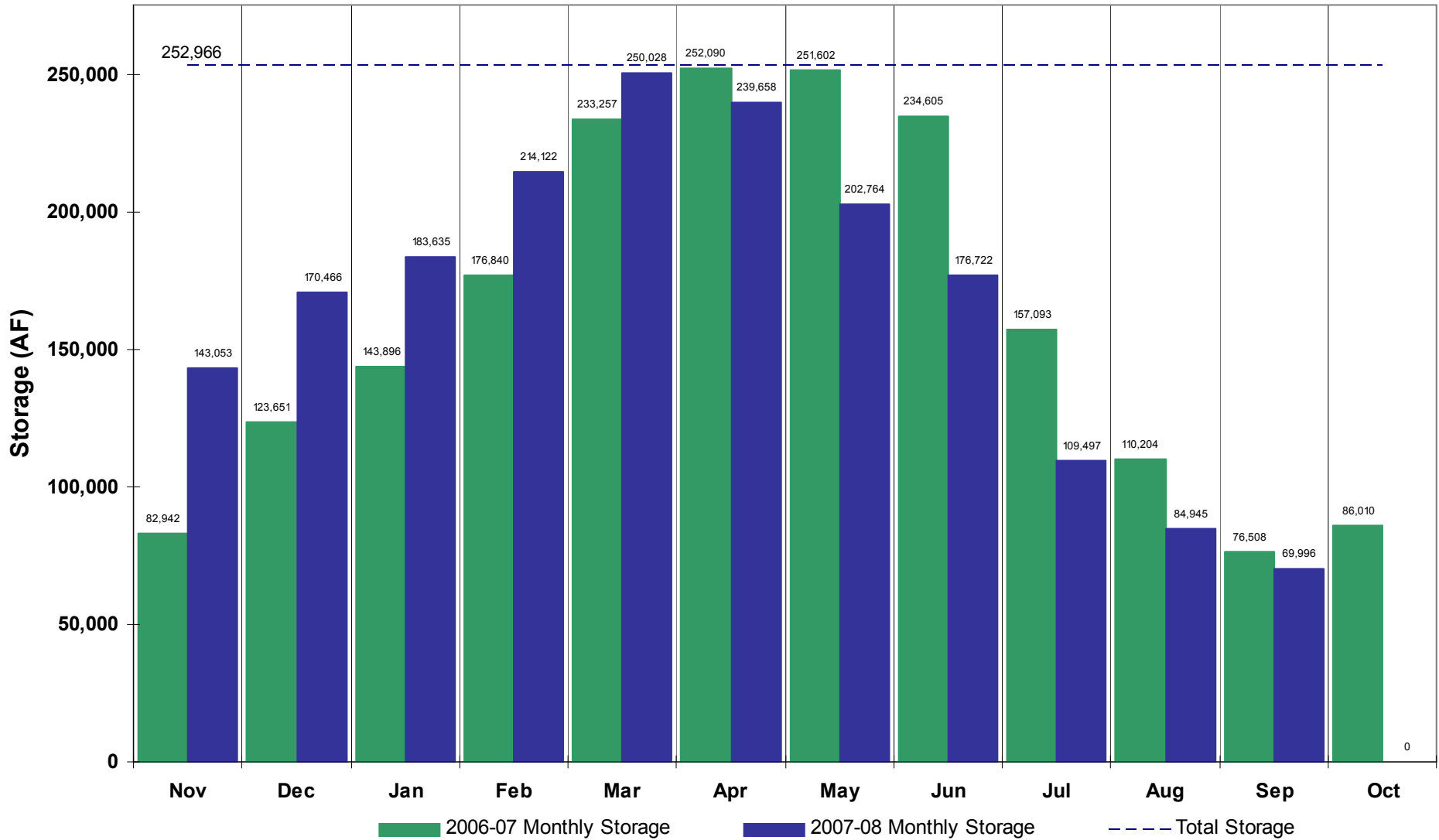
Reservoir Storage below Kersey

Selected Reservoirs*



South Platte Reservoirs

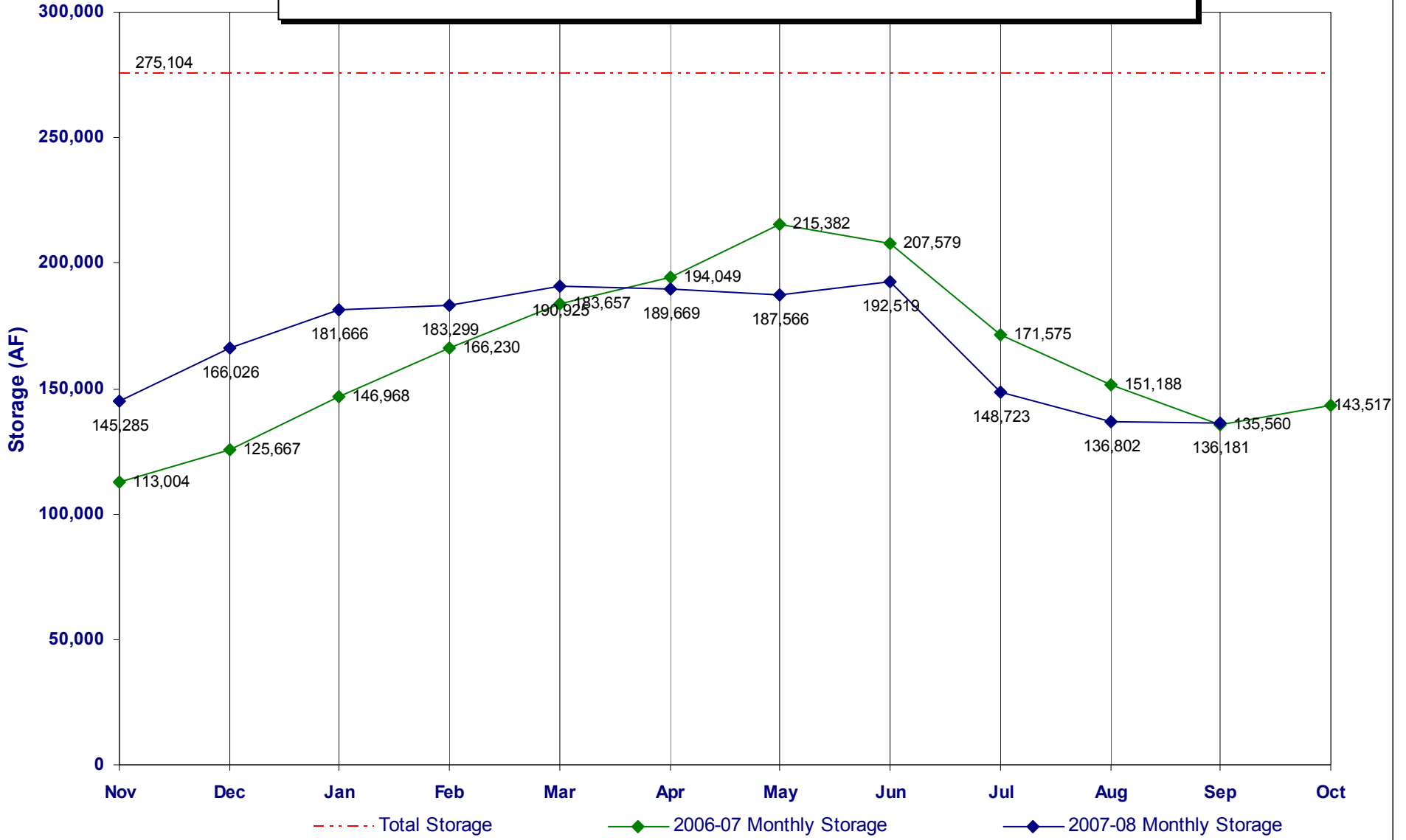
Storage below Kersey*



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

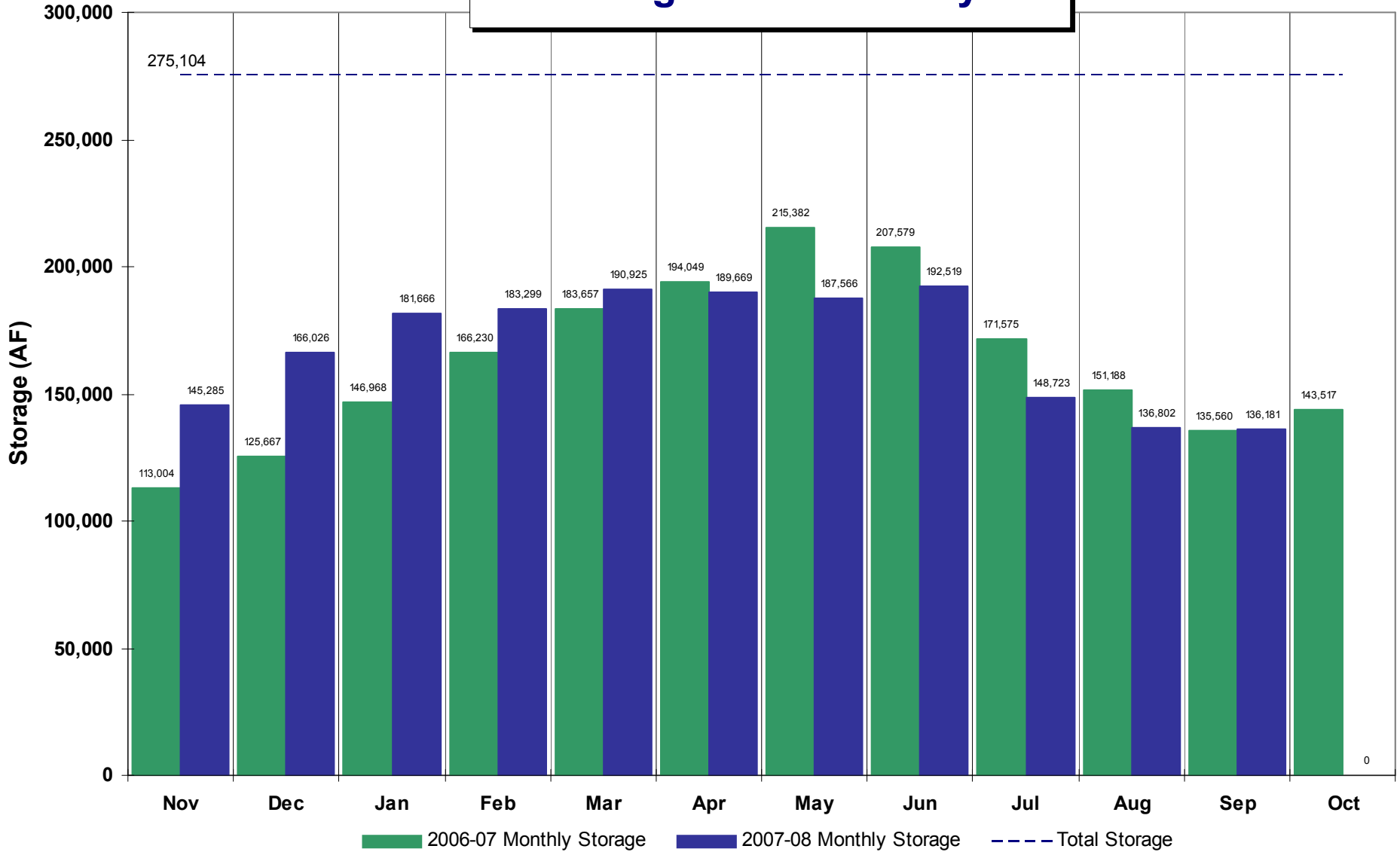
Reservoir Storage above Kersey

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

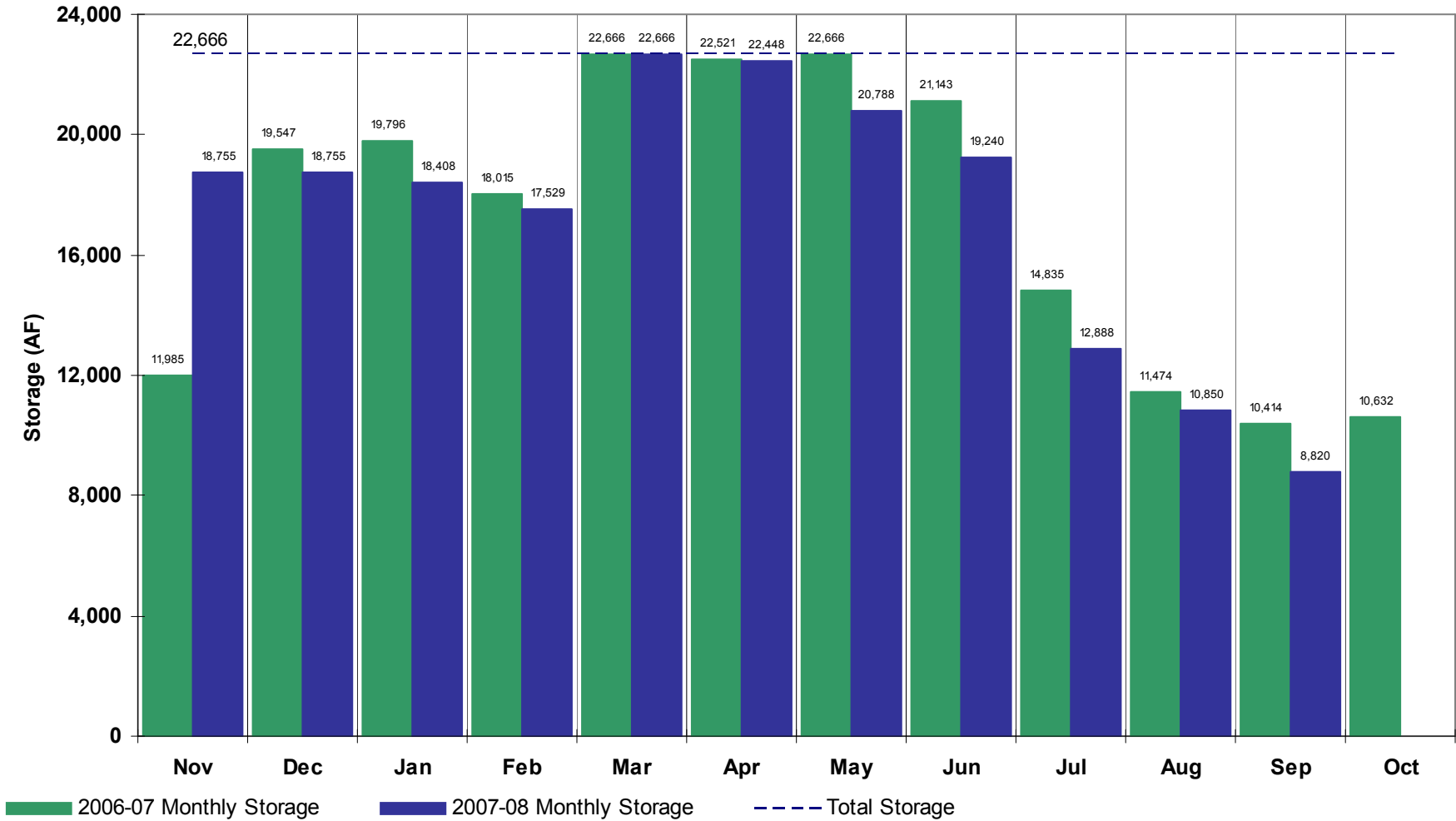


Individual Reservoir Storage Follows

South Platte River near Last
Chance Ditch
(Photo by Jana Ash)

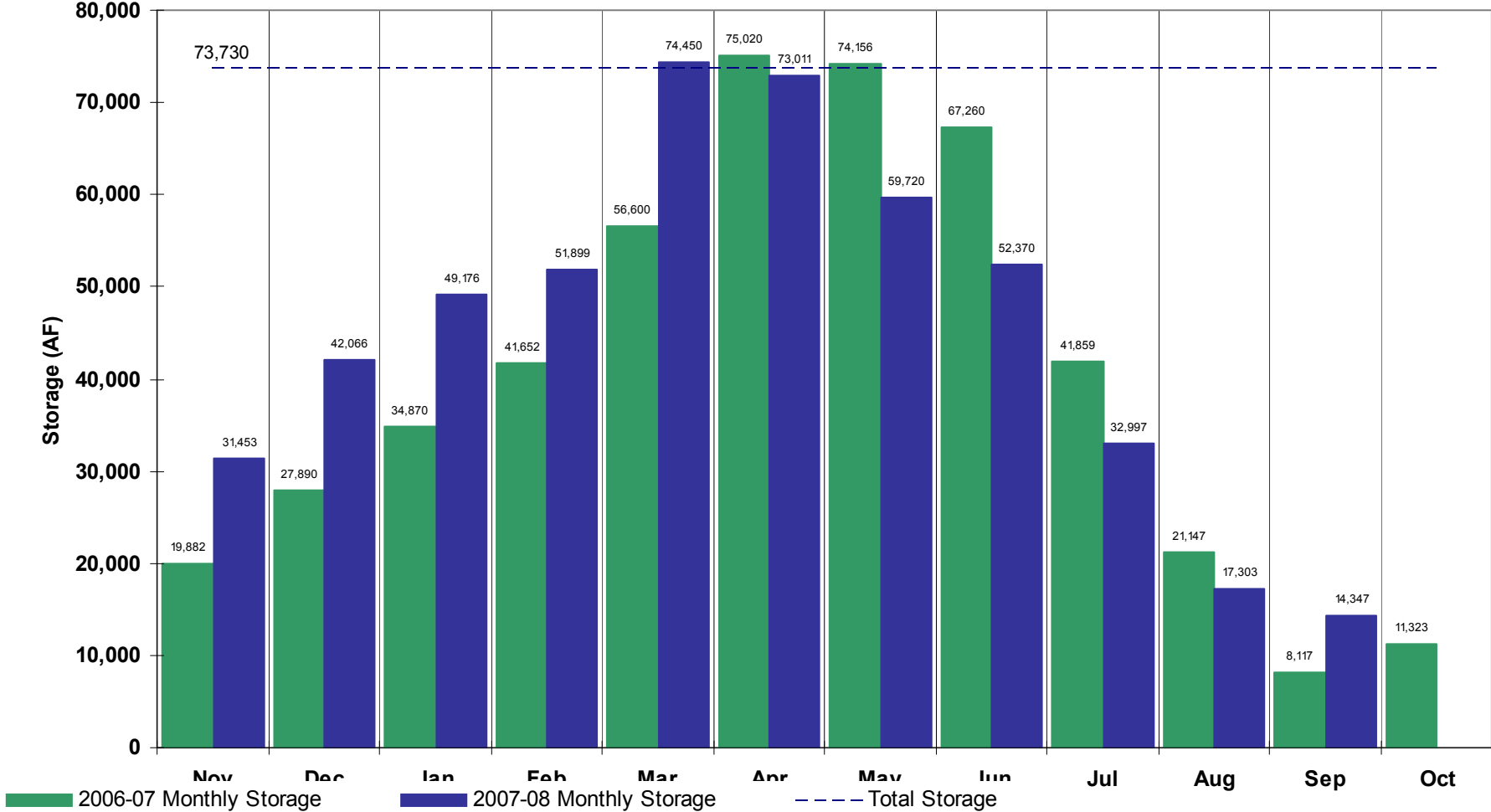
Julesburg Reservoir

(District 64 - Agricultural)



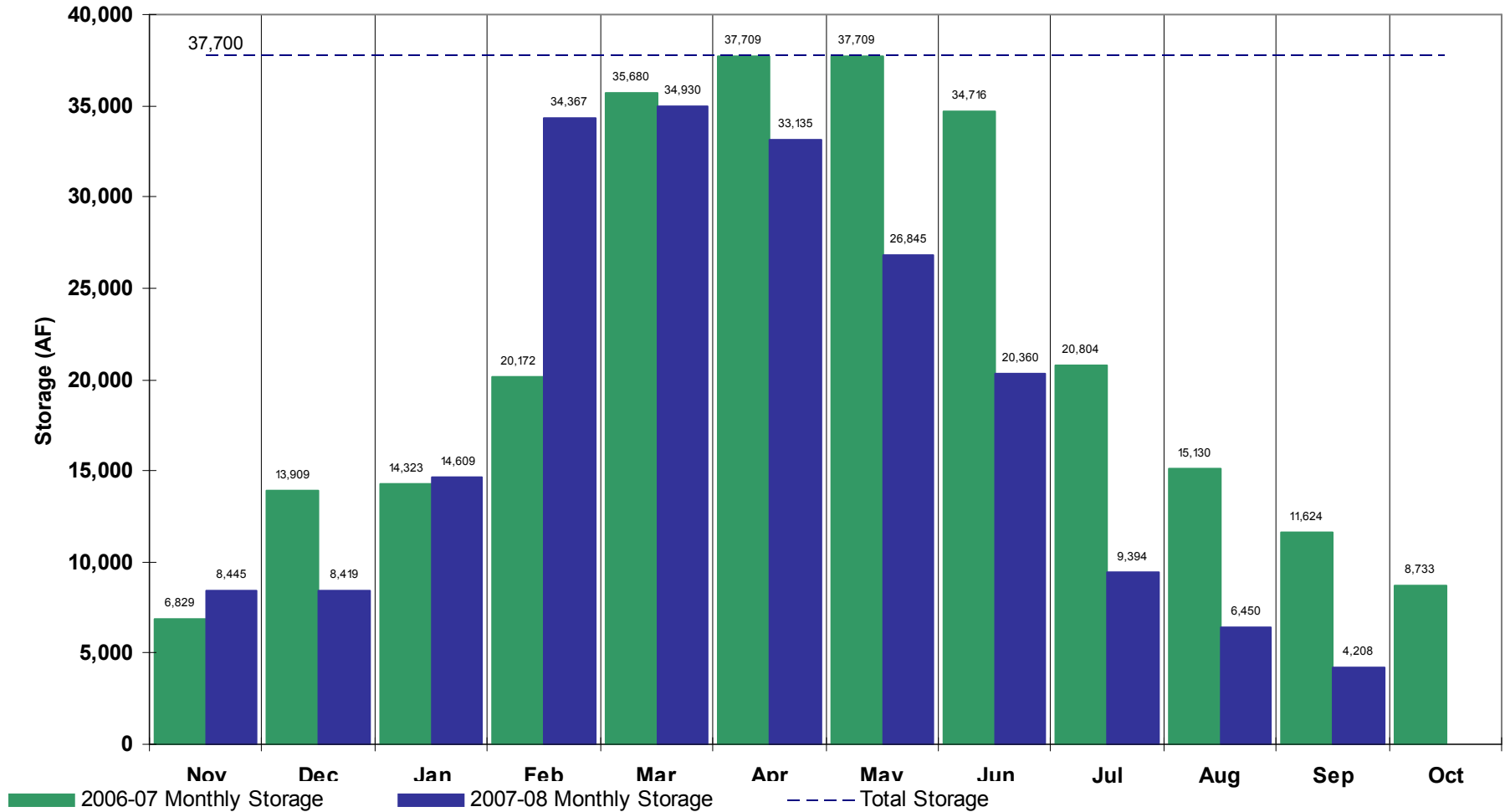
North Sterling Reservoir

(District 64- Agricultural)



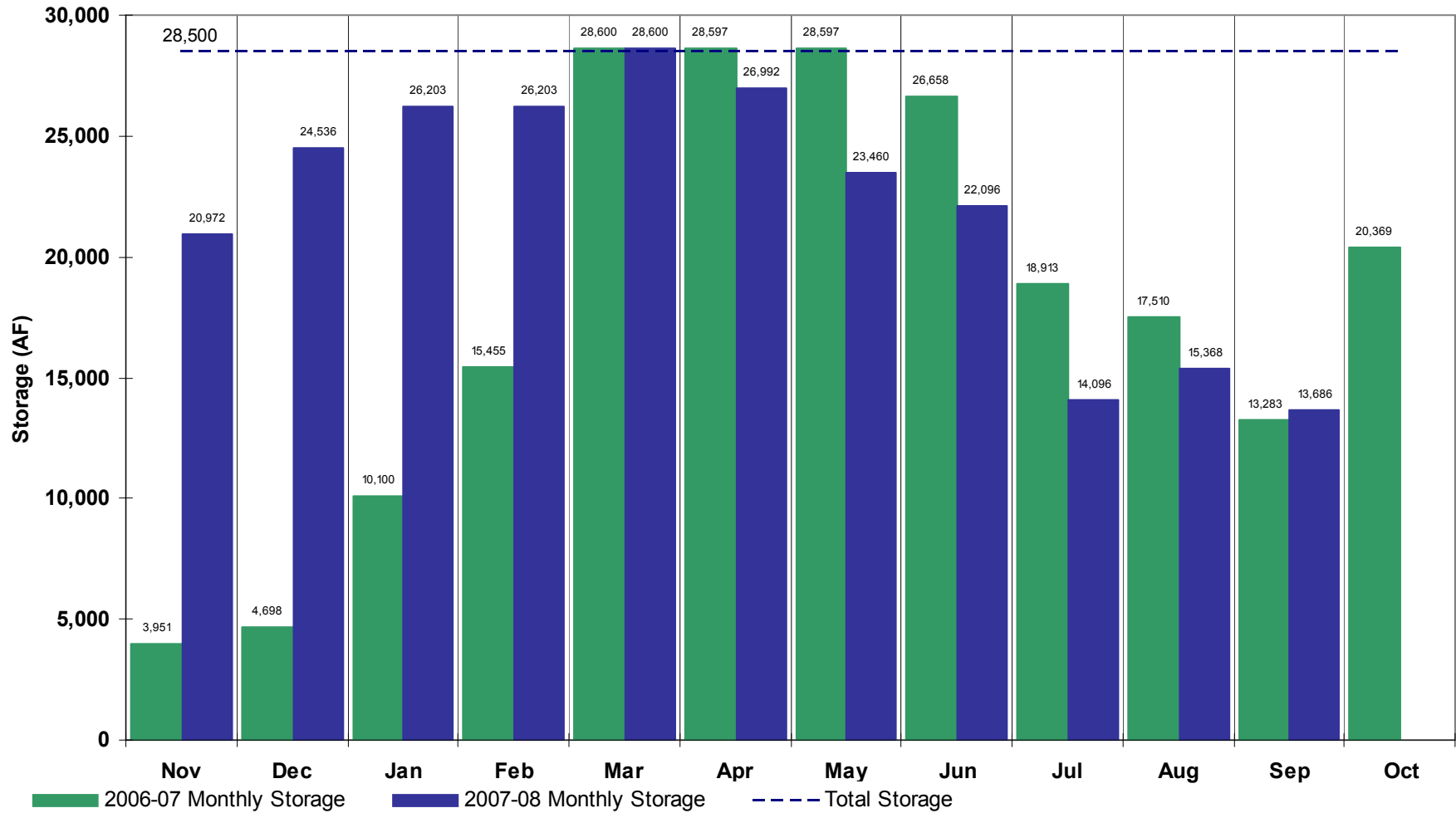
Empire Reservoir

(District 1- Agricultural)



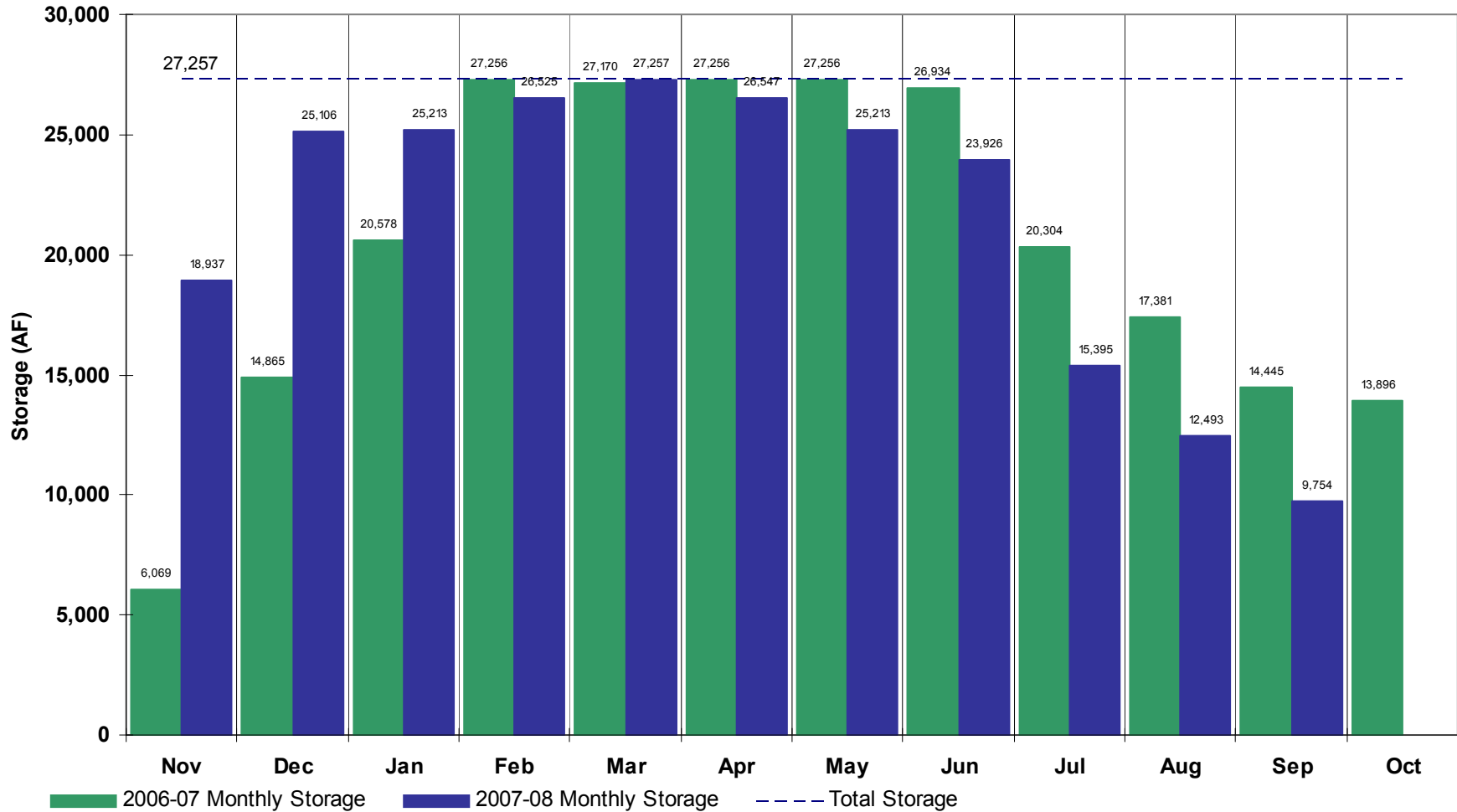
Prewitt Reservoir

(District 64- Agricultural)



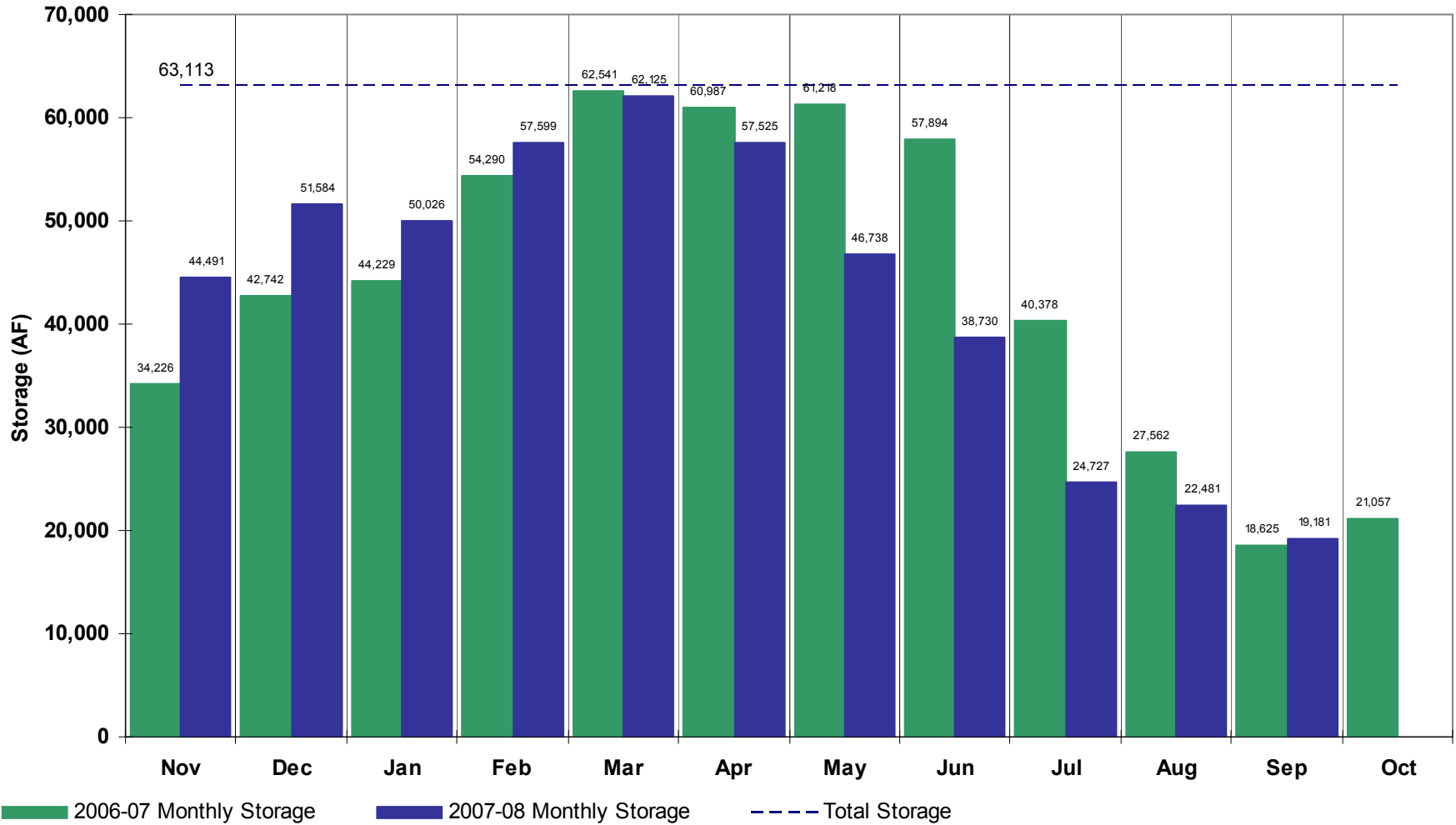
Jackson Reservoir

(District 1- Agricultural)



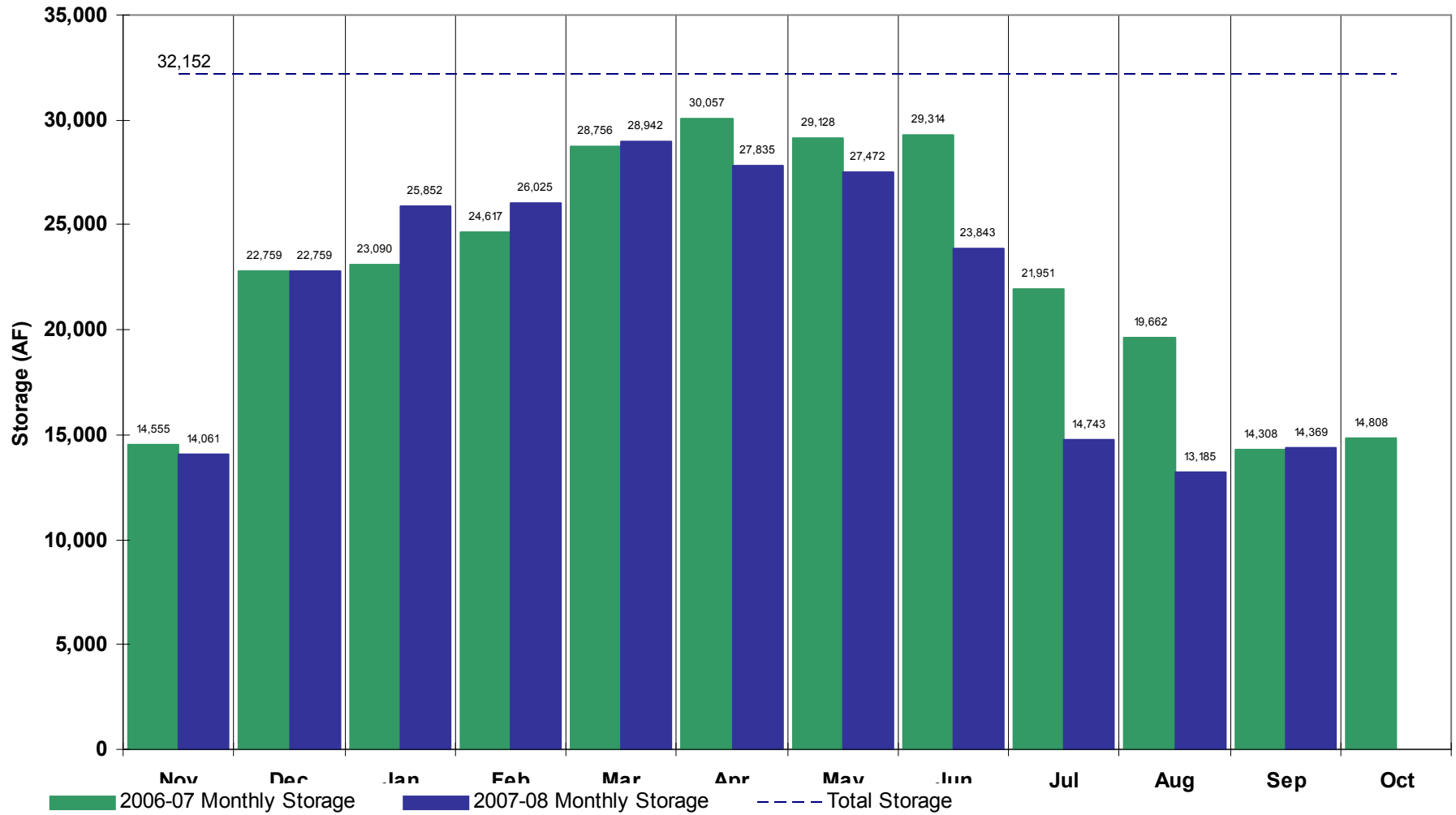
Riverside Reservoir

(District 1 - Agricultural)



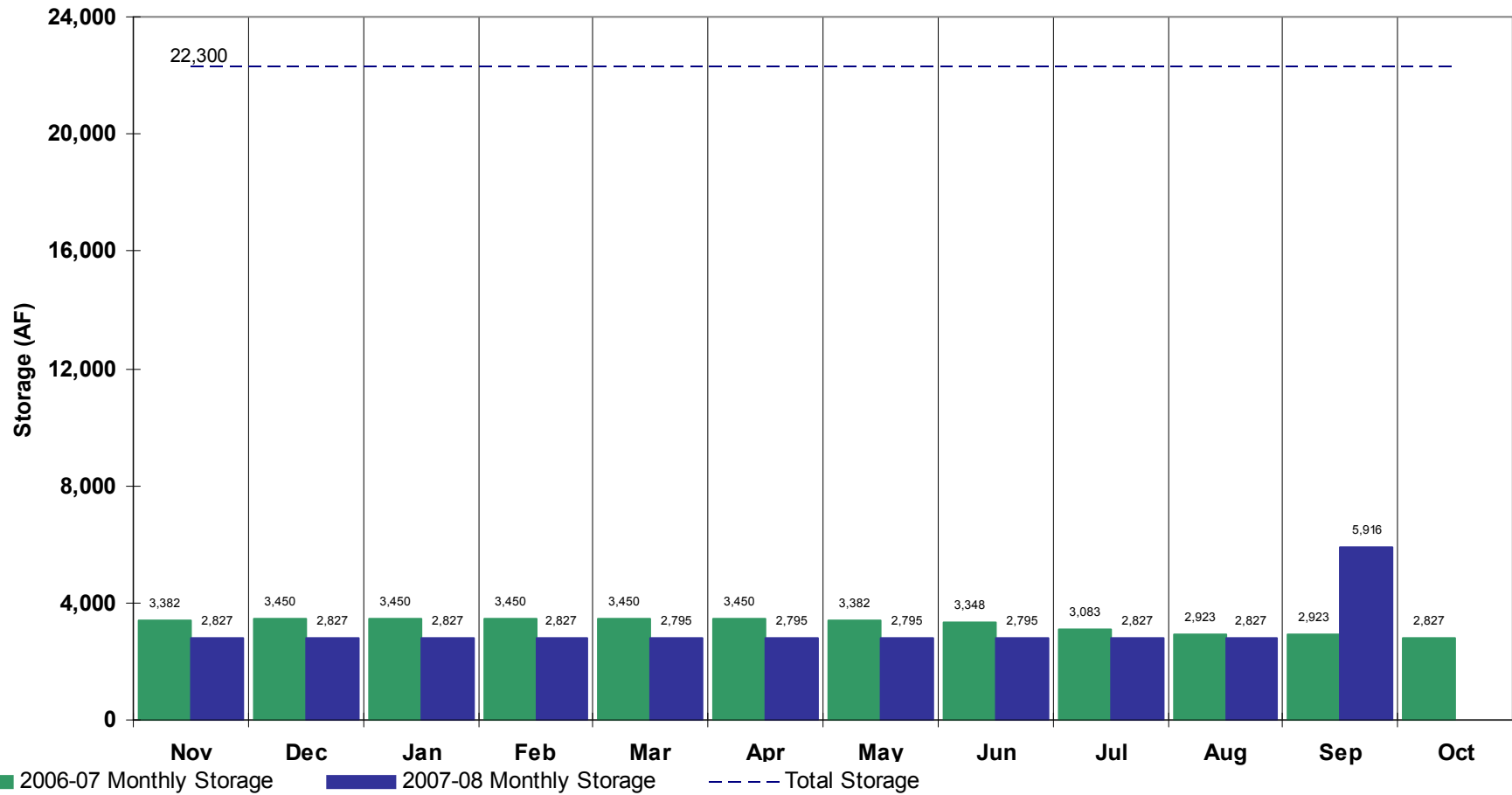
Barr Lake

(District 2 - Agricultural)



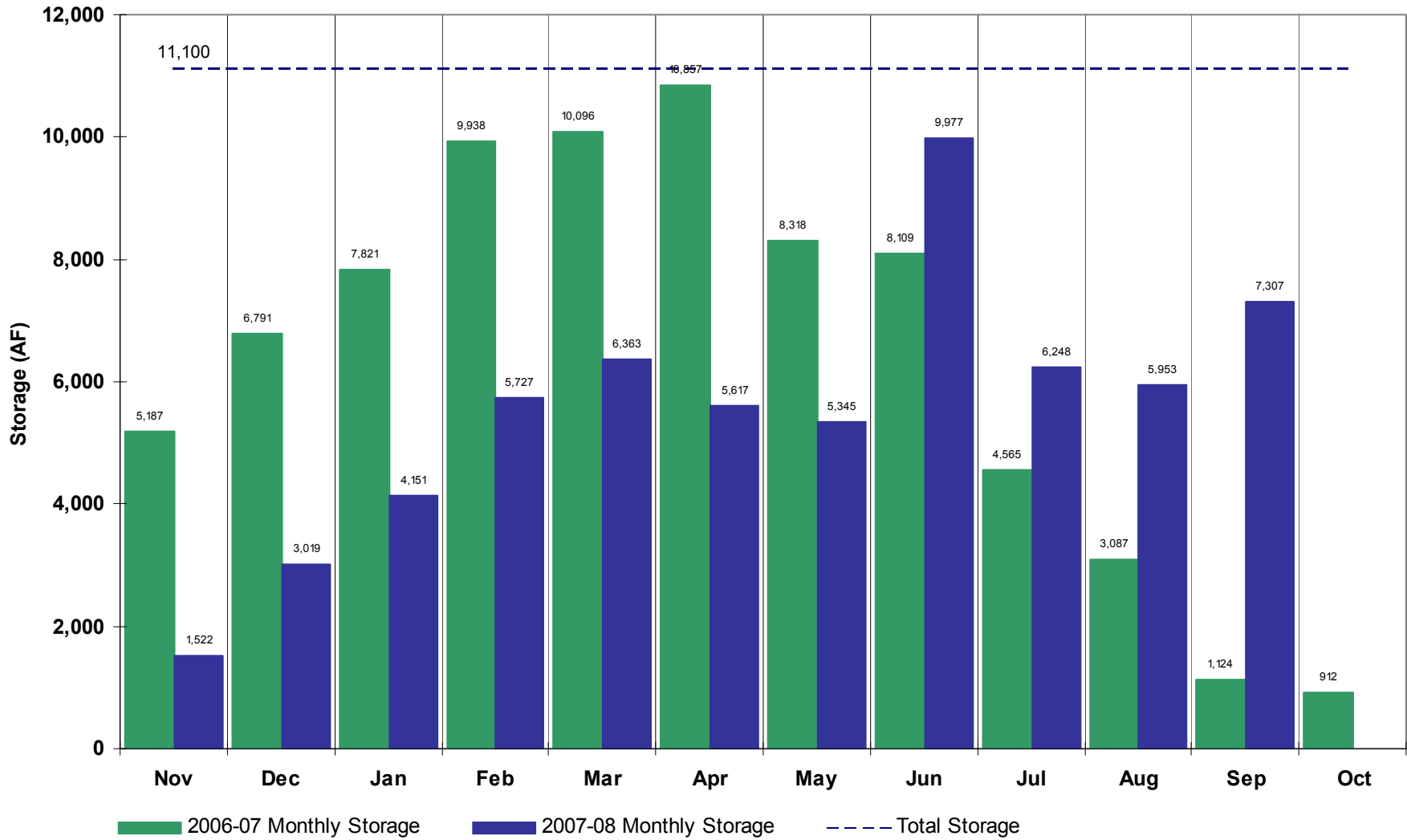
Cobb Lake

(District 3, Poudre River - Agricultural)



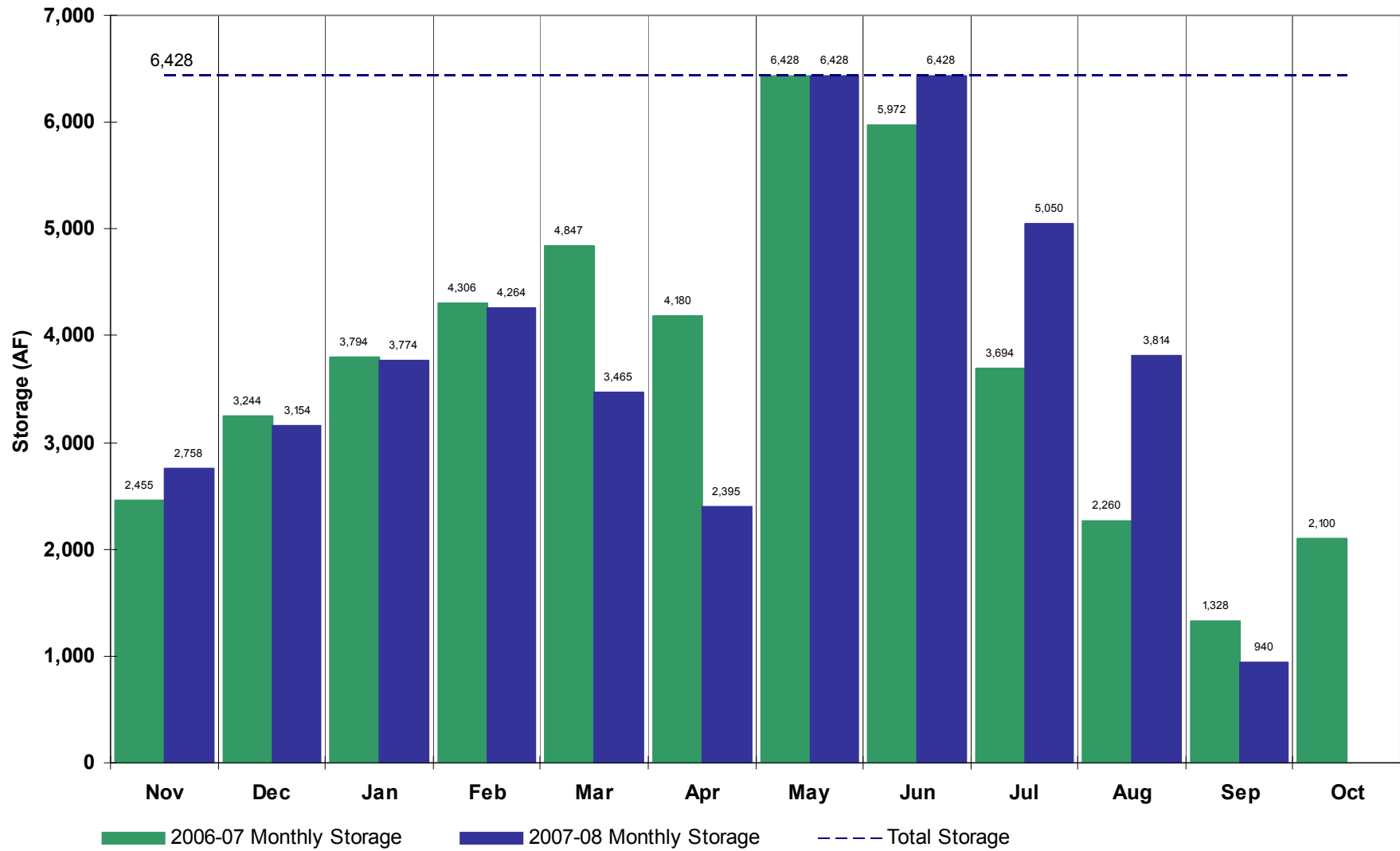
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



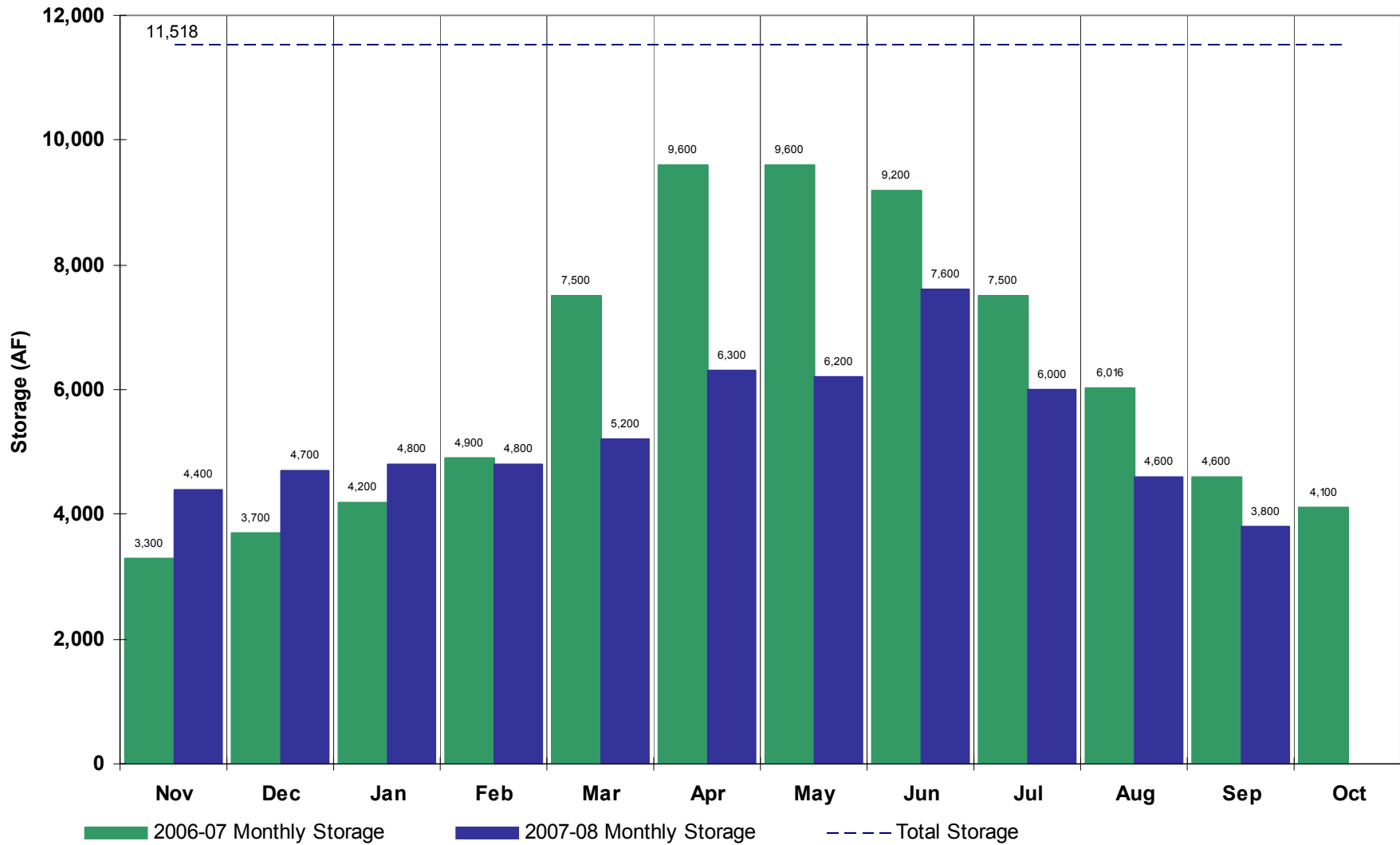
Halligan Reservoir

(District 3, Poudre River - Agricultural)



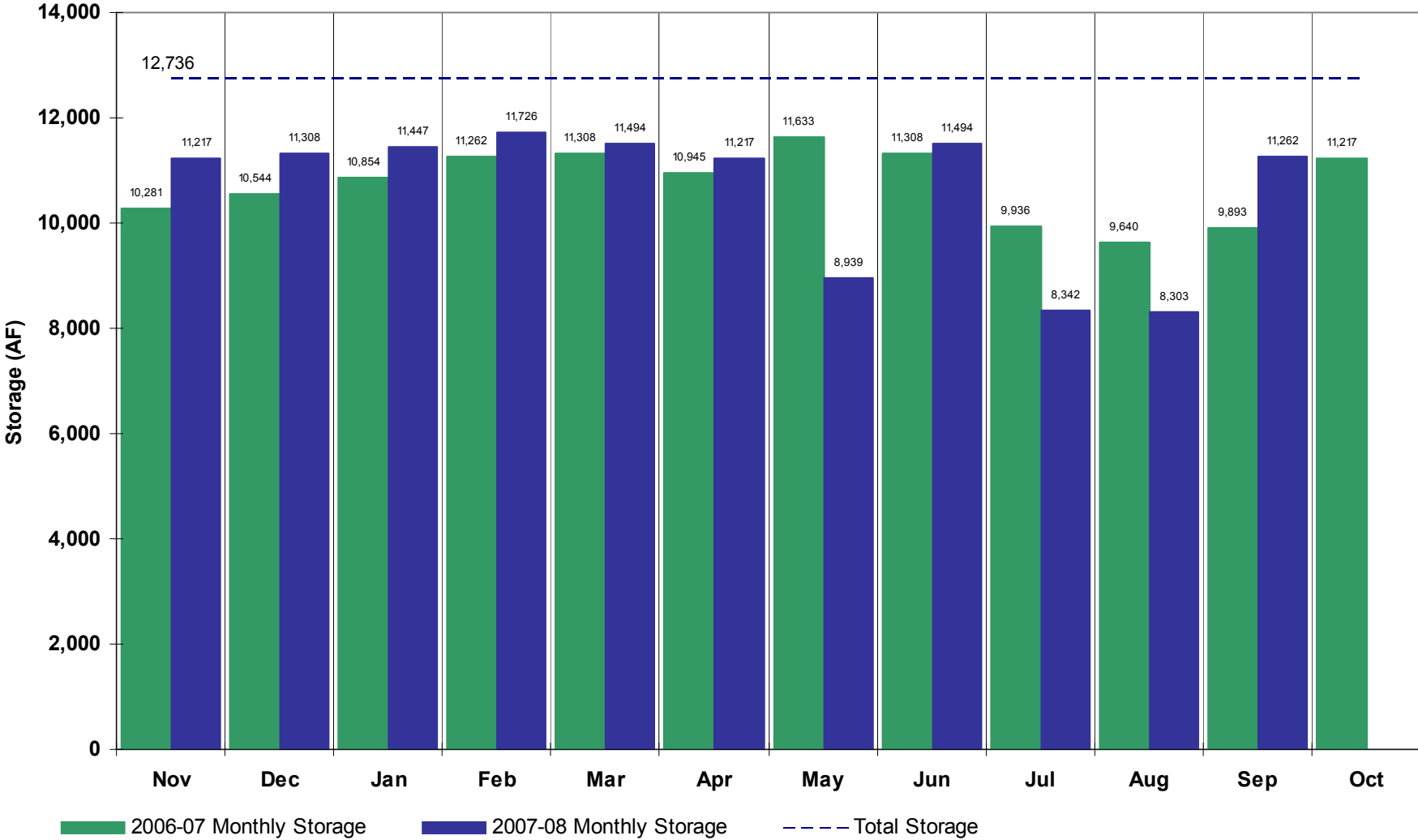
Marshall Lake

(District 6, Boulder Creek - Agricultural)



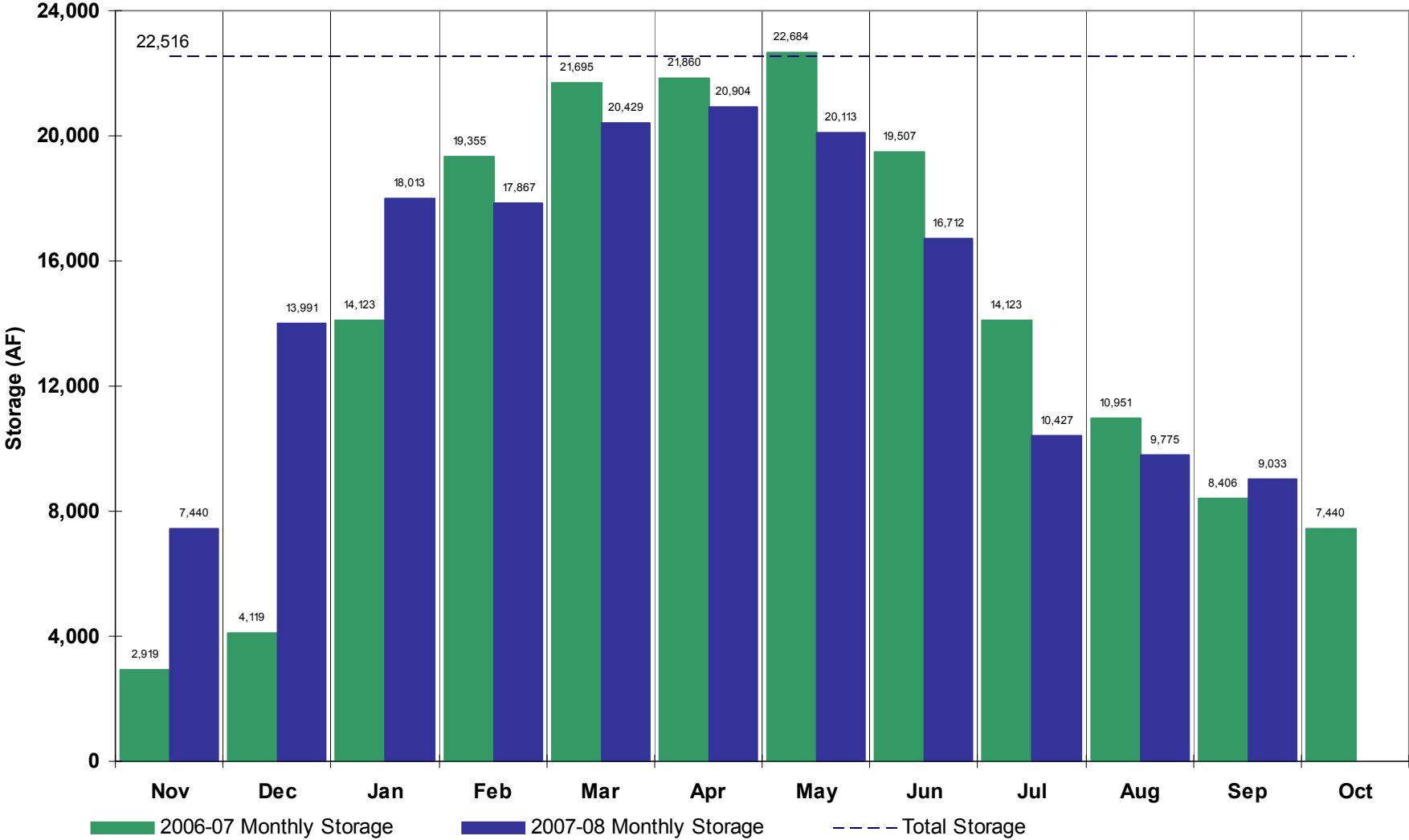
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



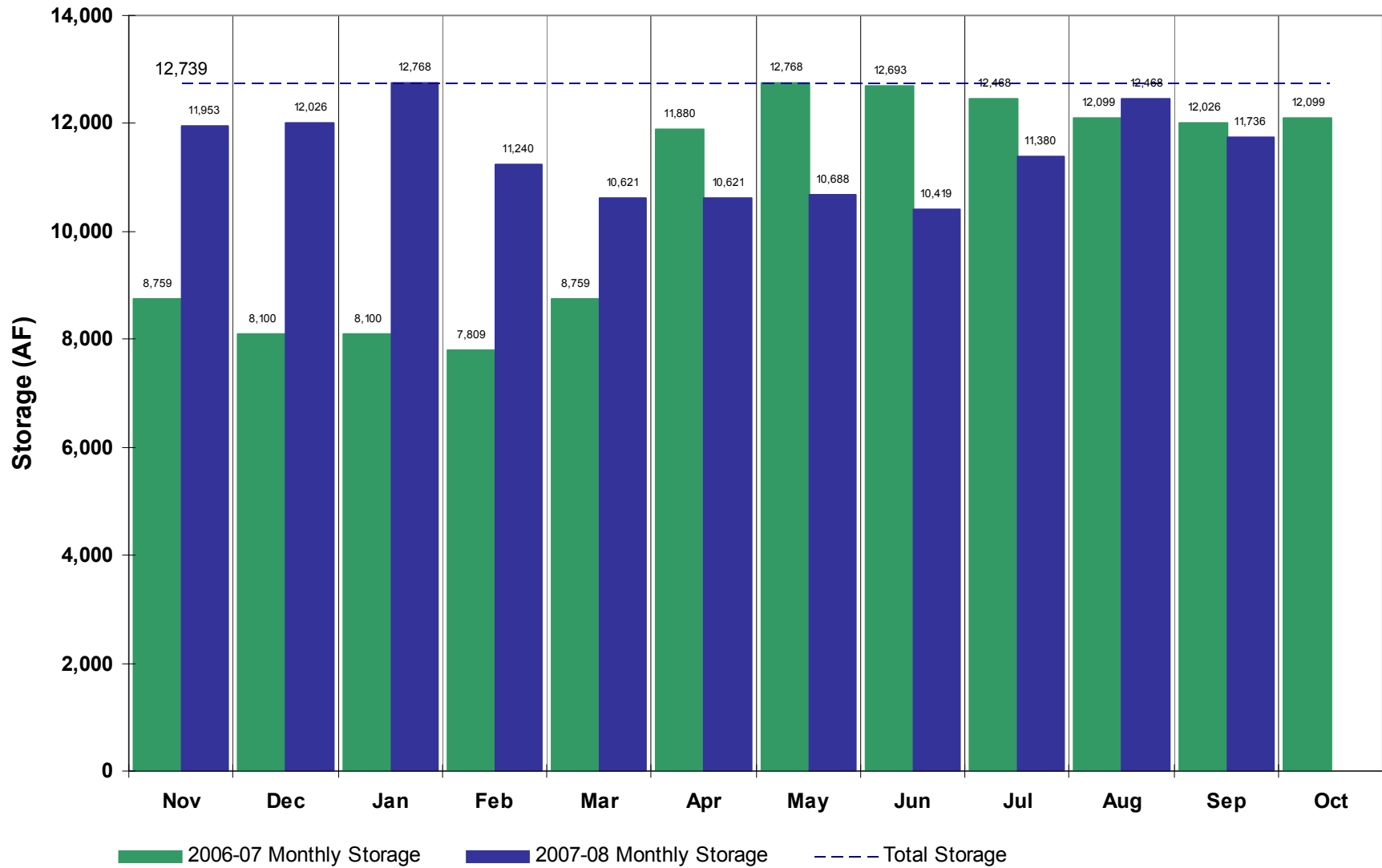
Milton Reservoir

(District 2 - Agricultural)

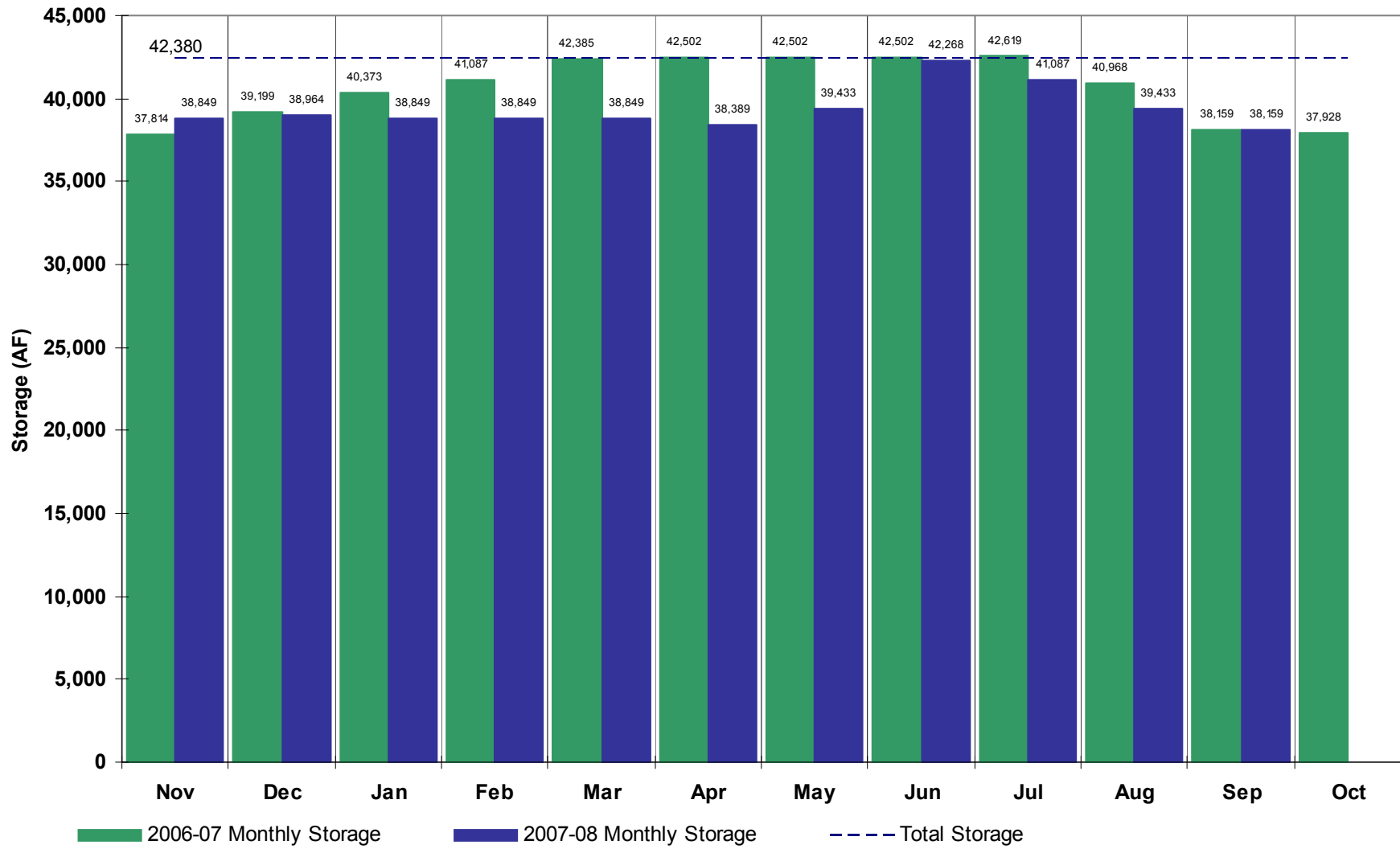


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

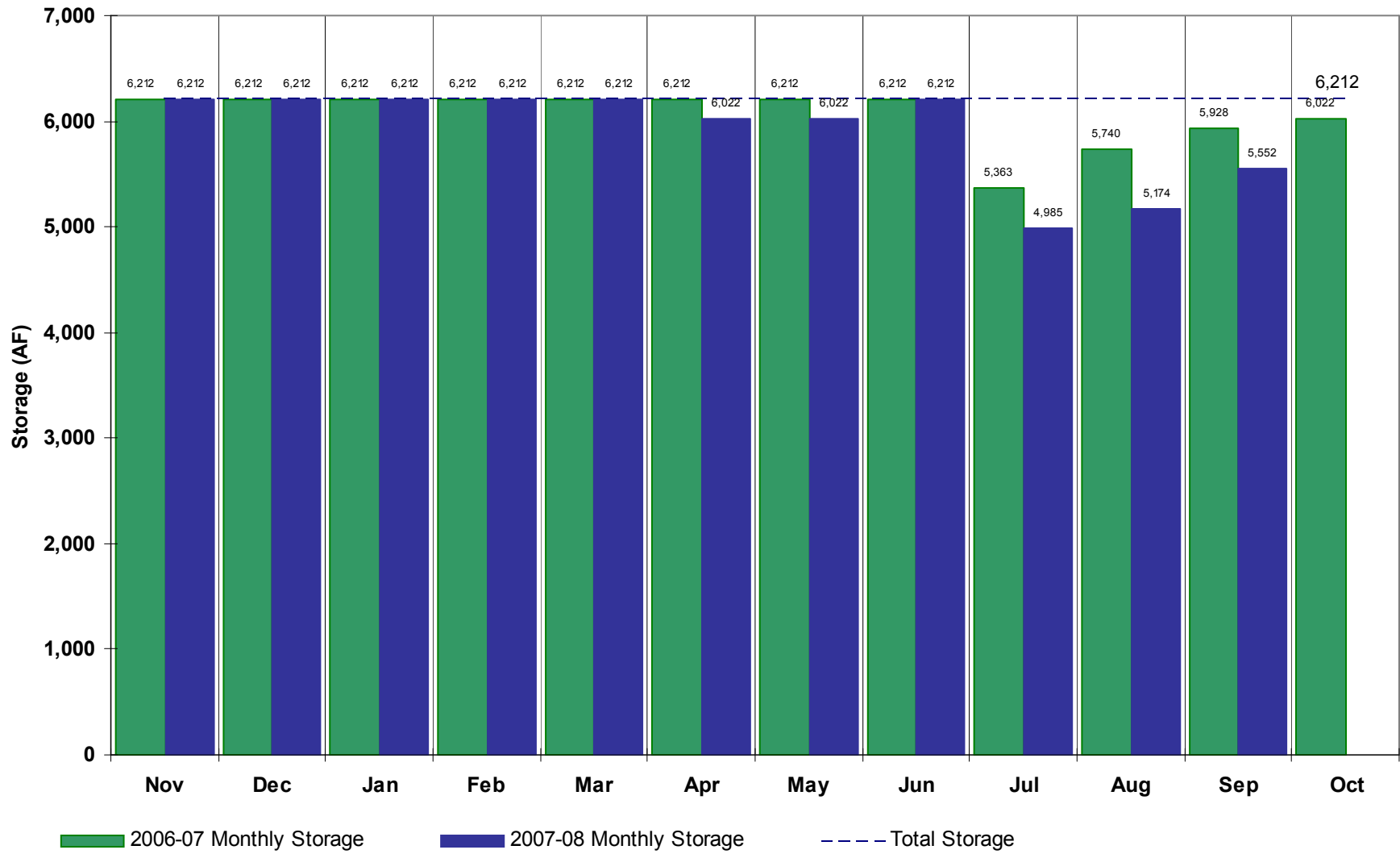


Standley Lake (Agricultural)



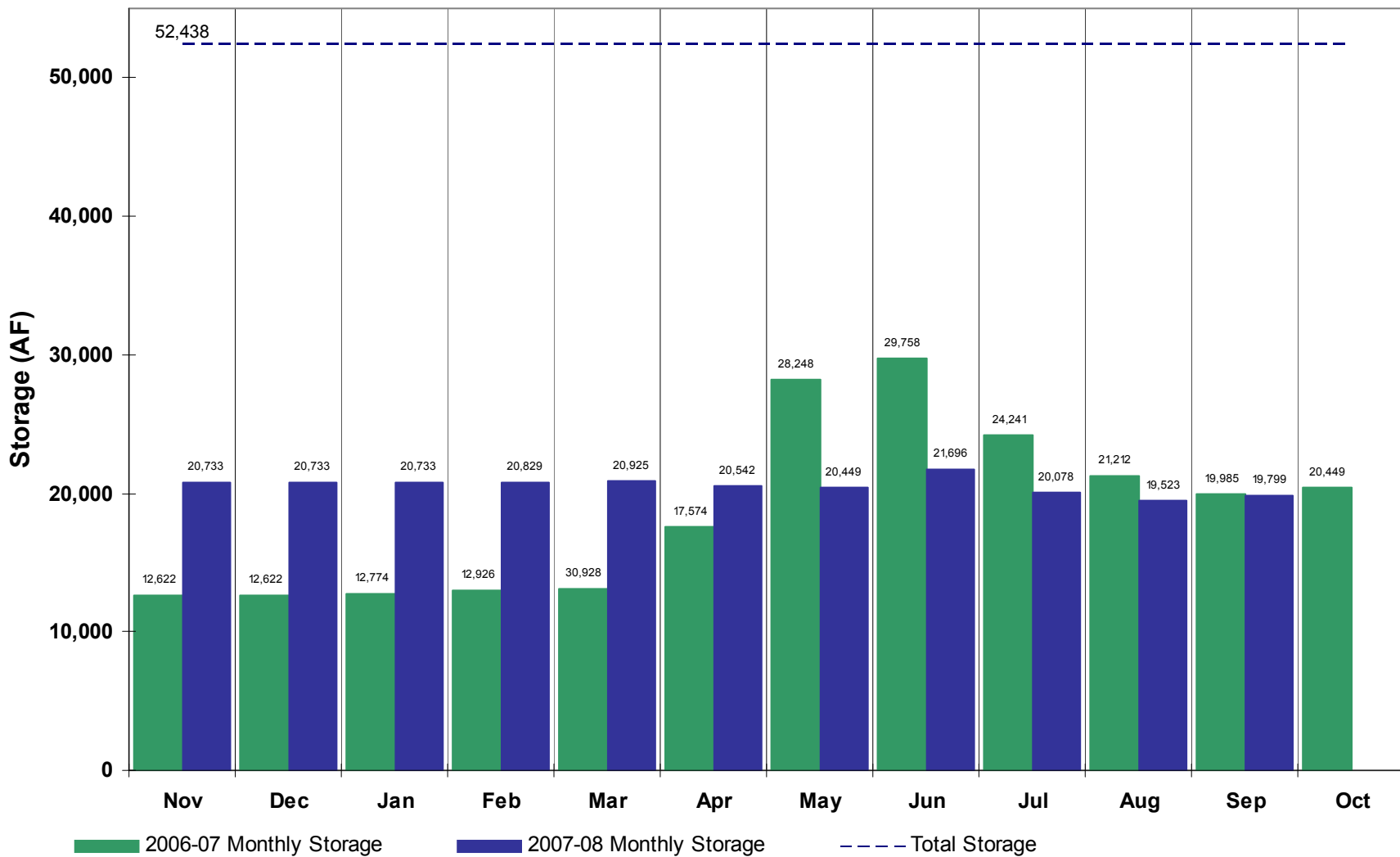
Lower Latham Reservoir

(District 2 - Agricultural)



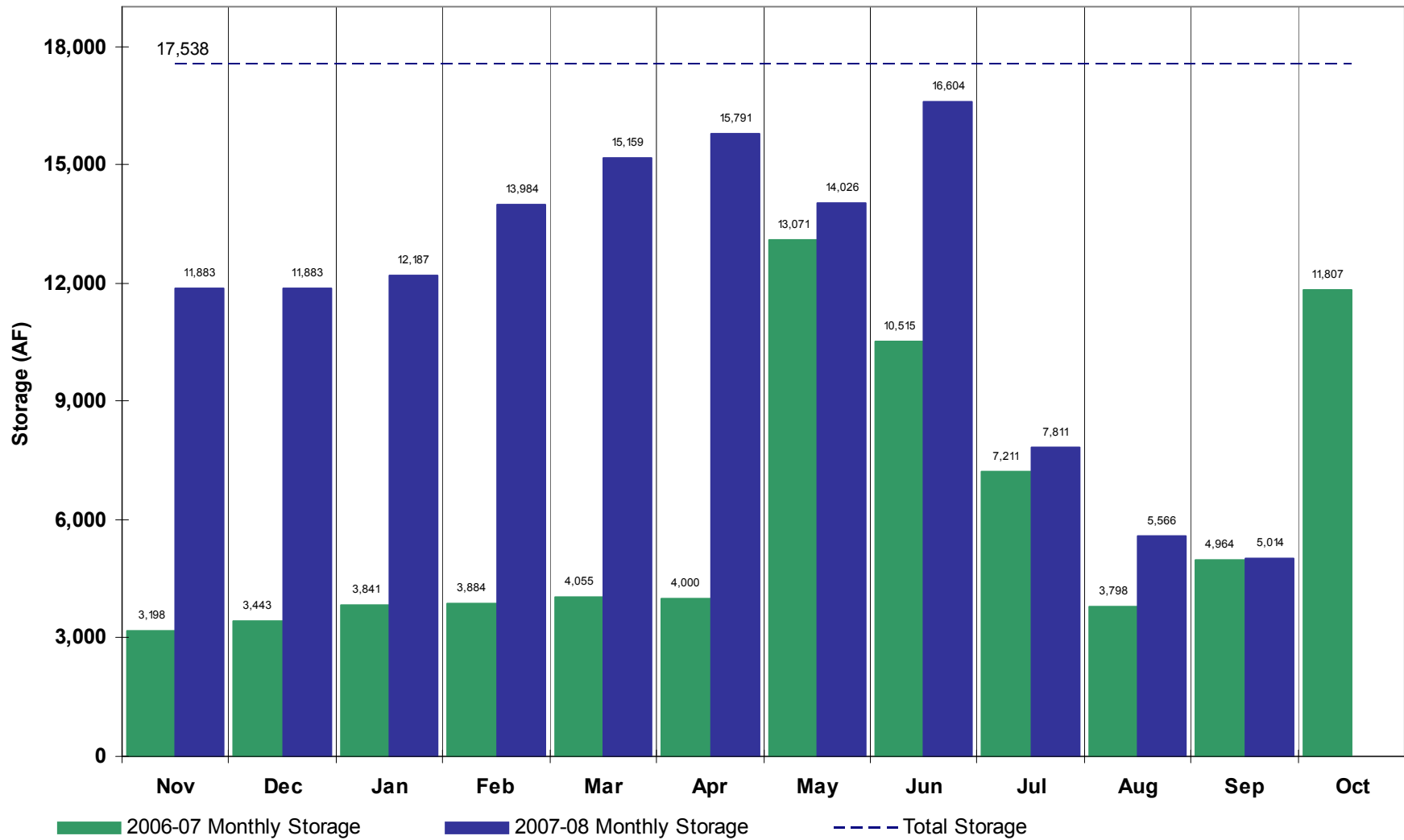
Boyd Lake

(District 4, Big Thompson River - Agricultural)



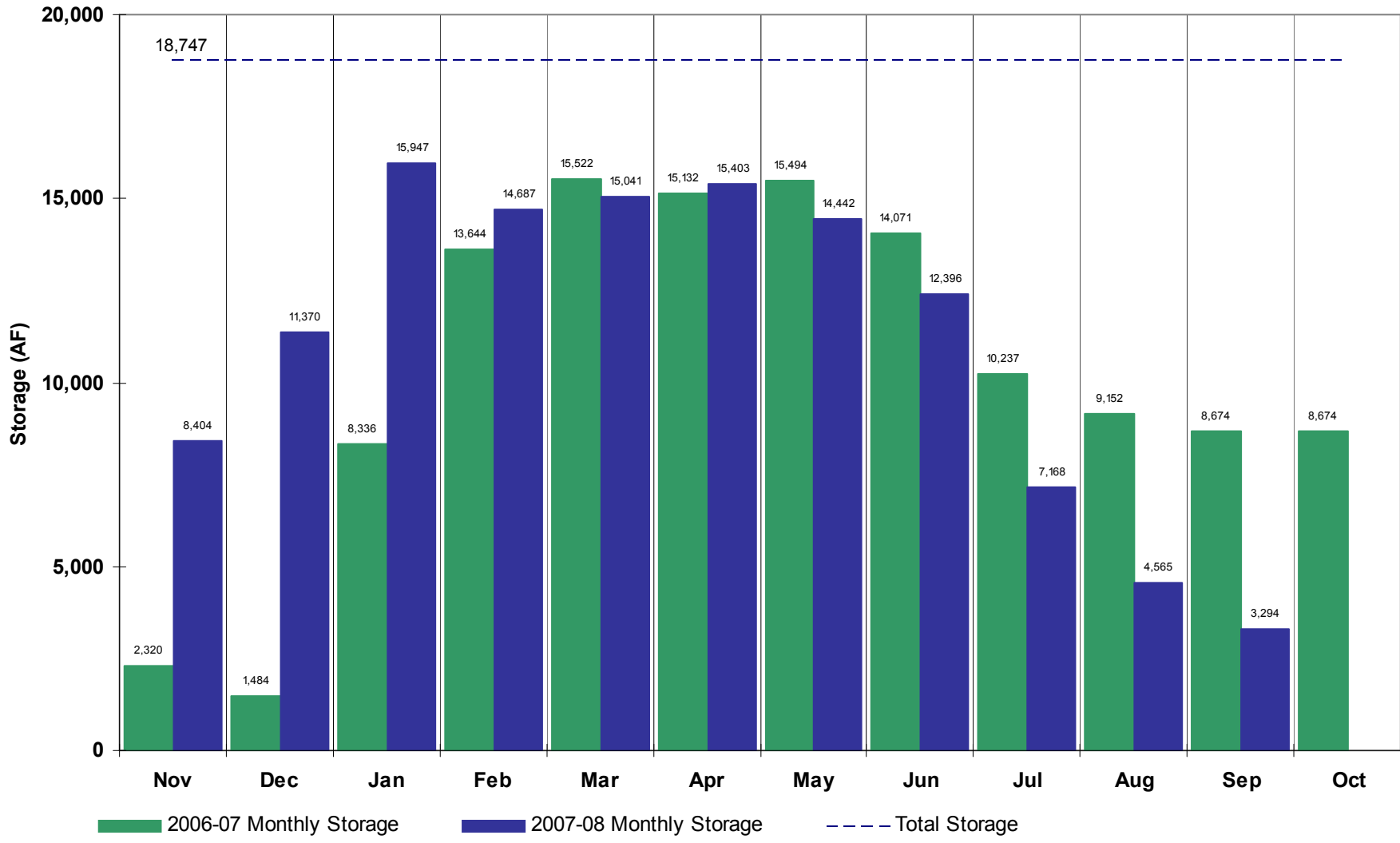
Windsor Reservoir

(District 3, Poudre River - Agricultural)



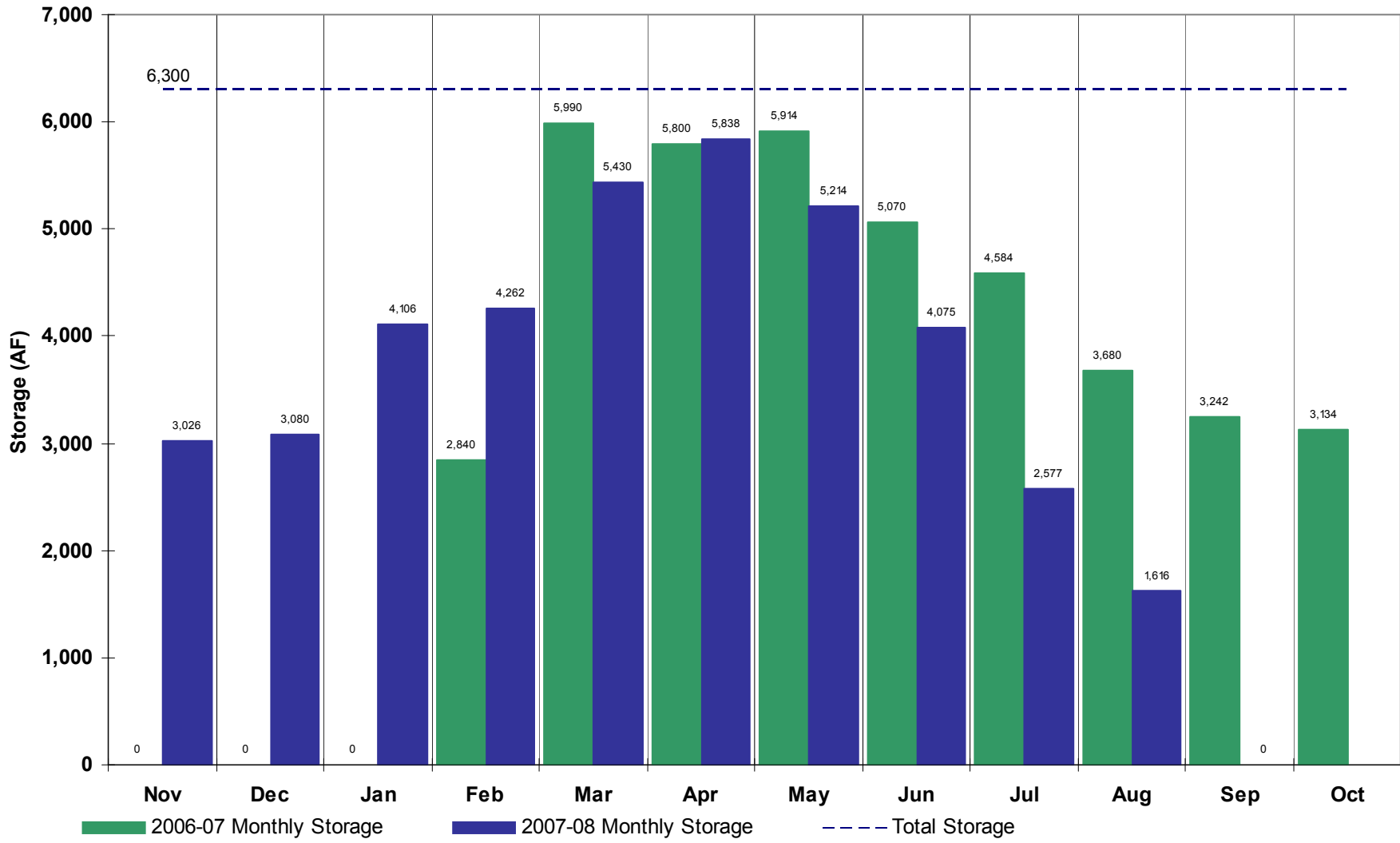
Horse Creek Reservoir

(District 1 - Agricultural)



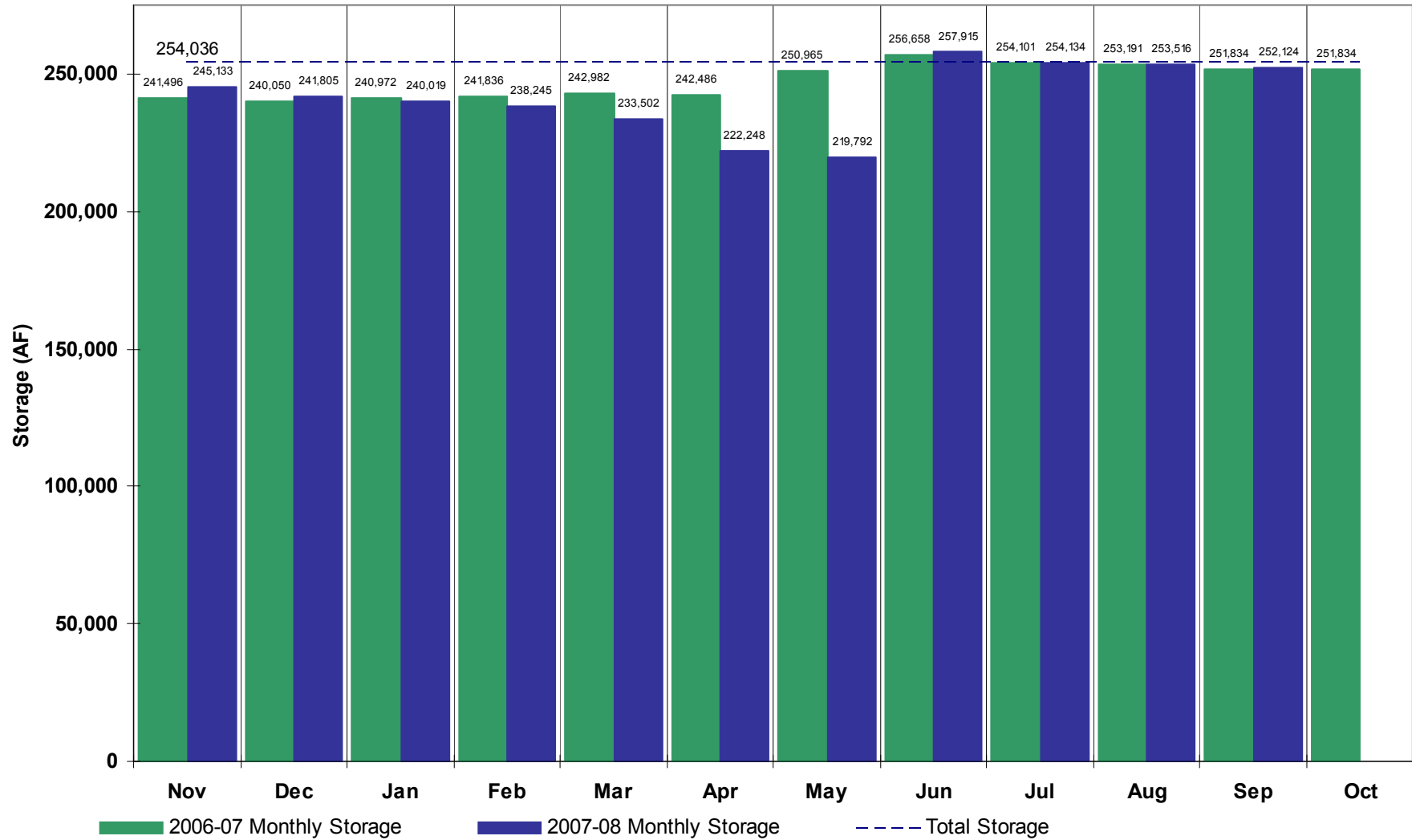
Prospect Reservoir

(District 1- Agricultural)



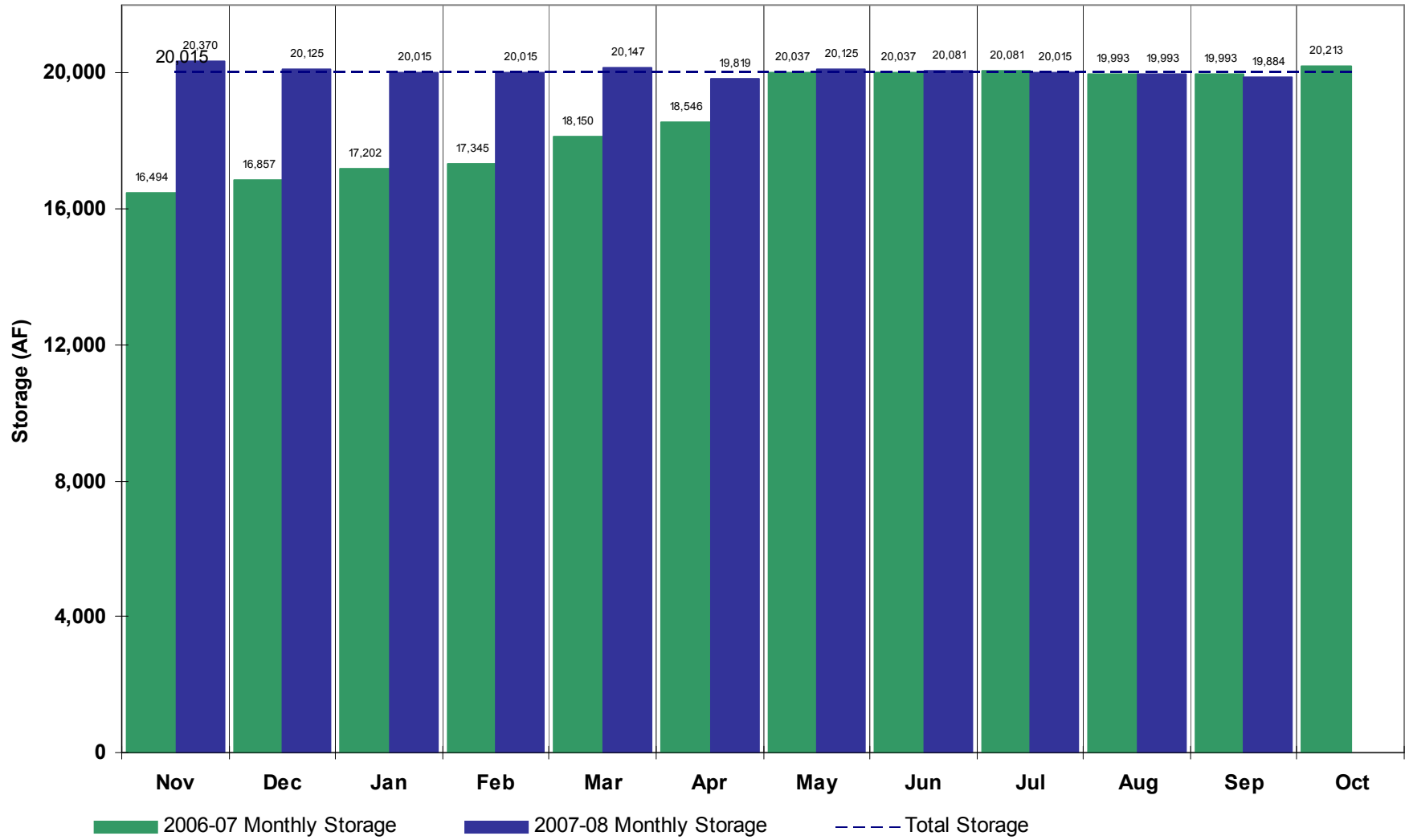
Dillon Reservoir

(Municipal)



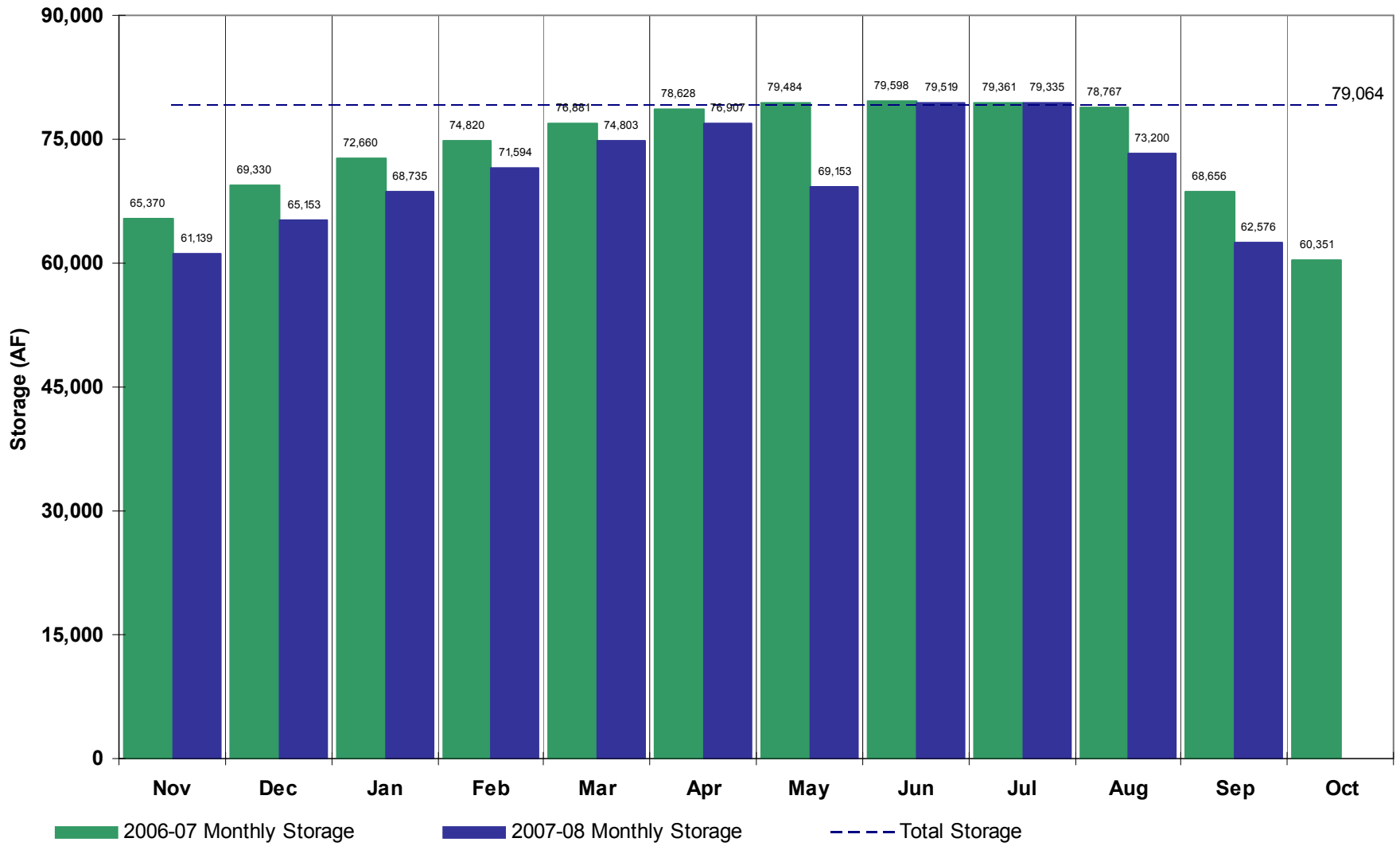
Antero Reservoir

(District 23 - Municipal)



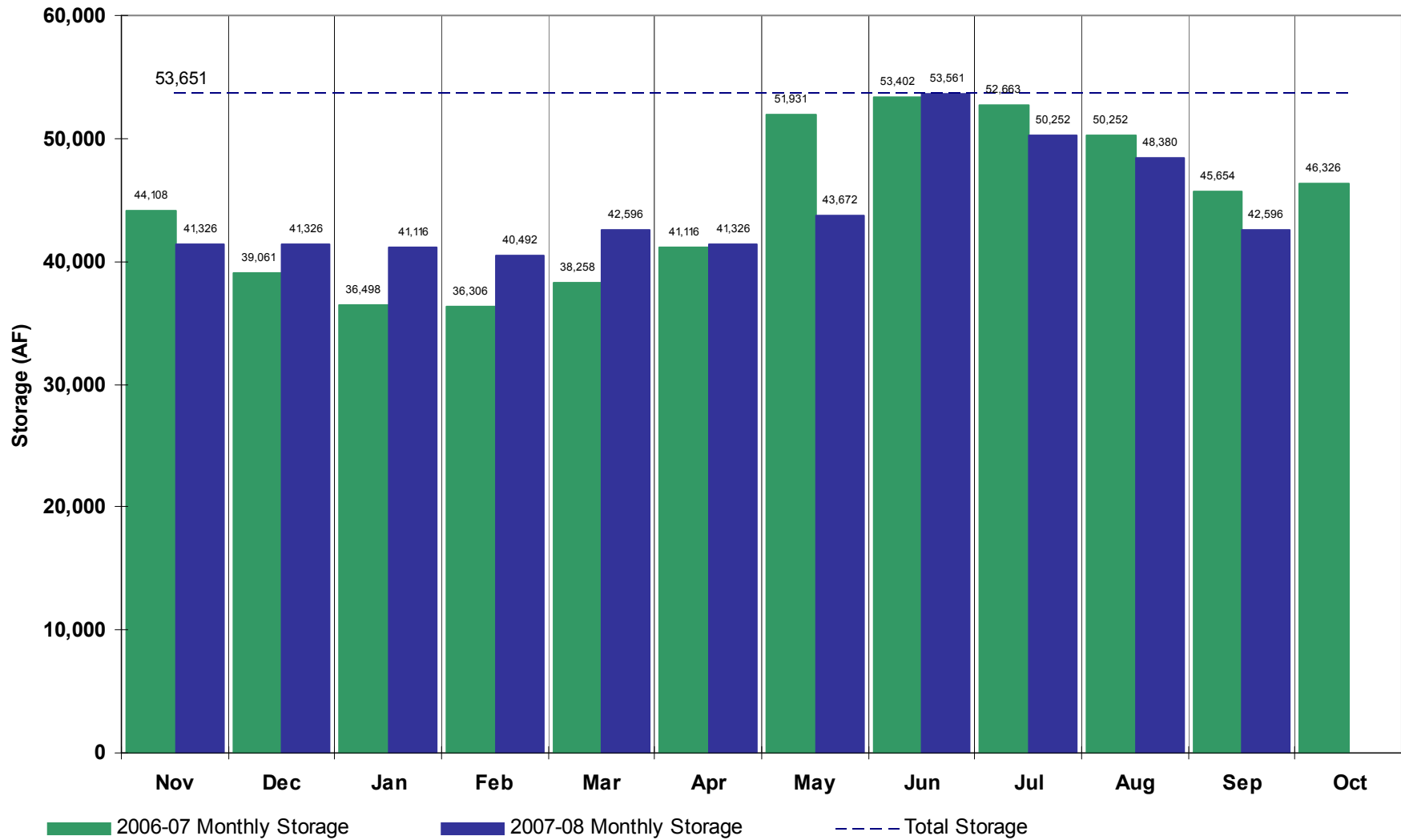
Cheesman Reservoir

(District 80 - Municipal)



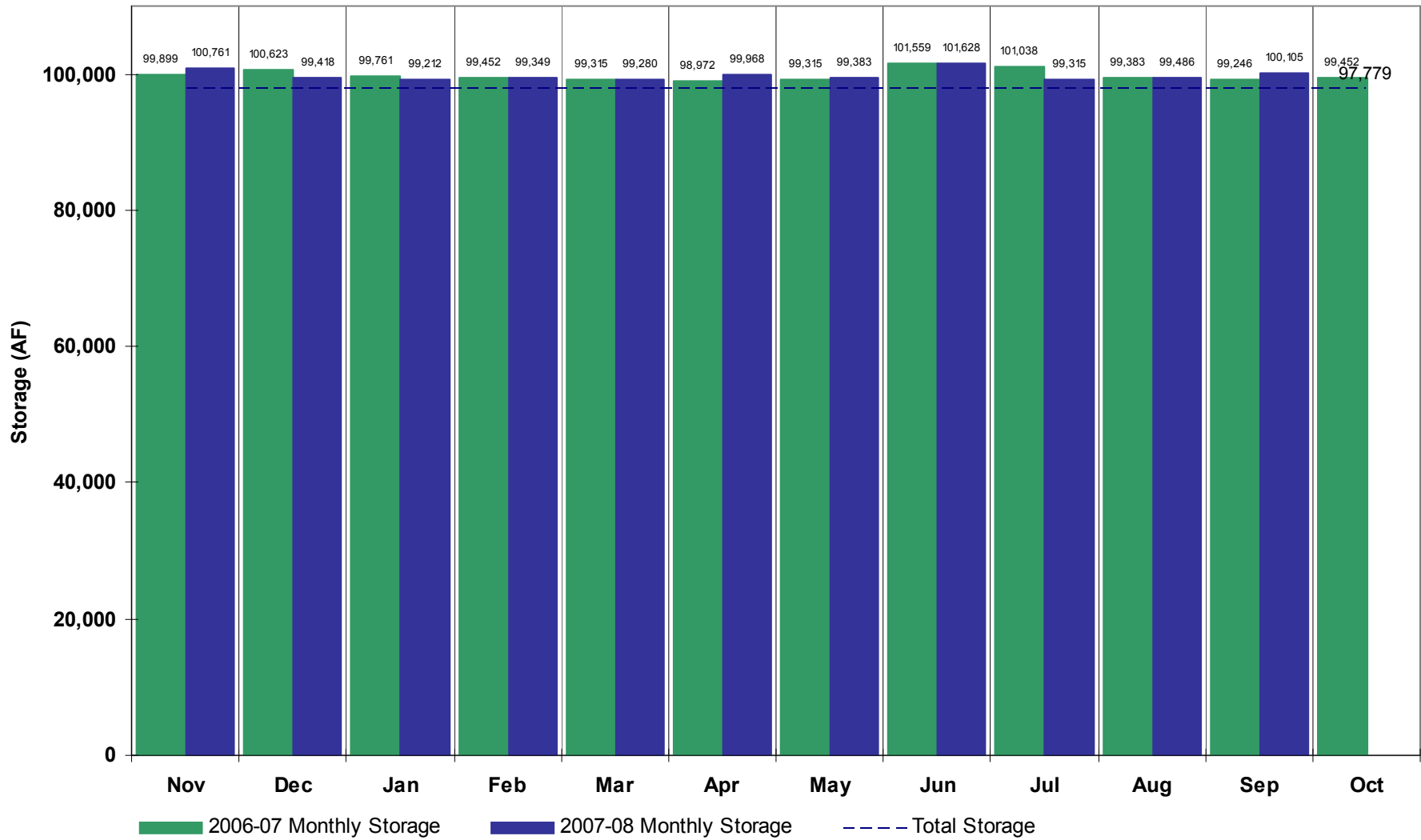
Spinney Mountain Reservoir

(District 23 - Municipal)

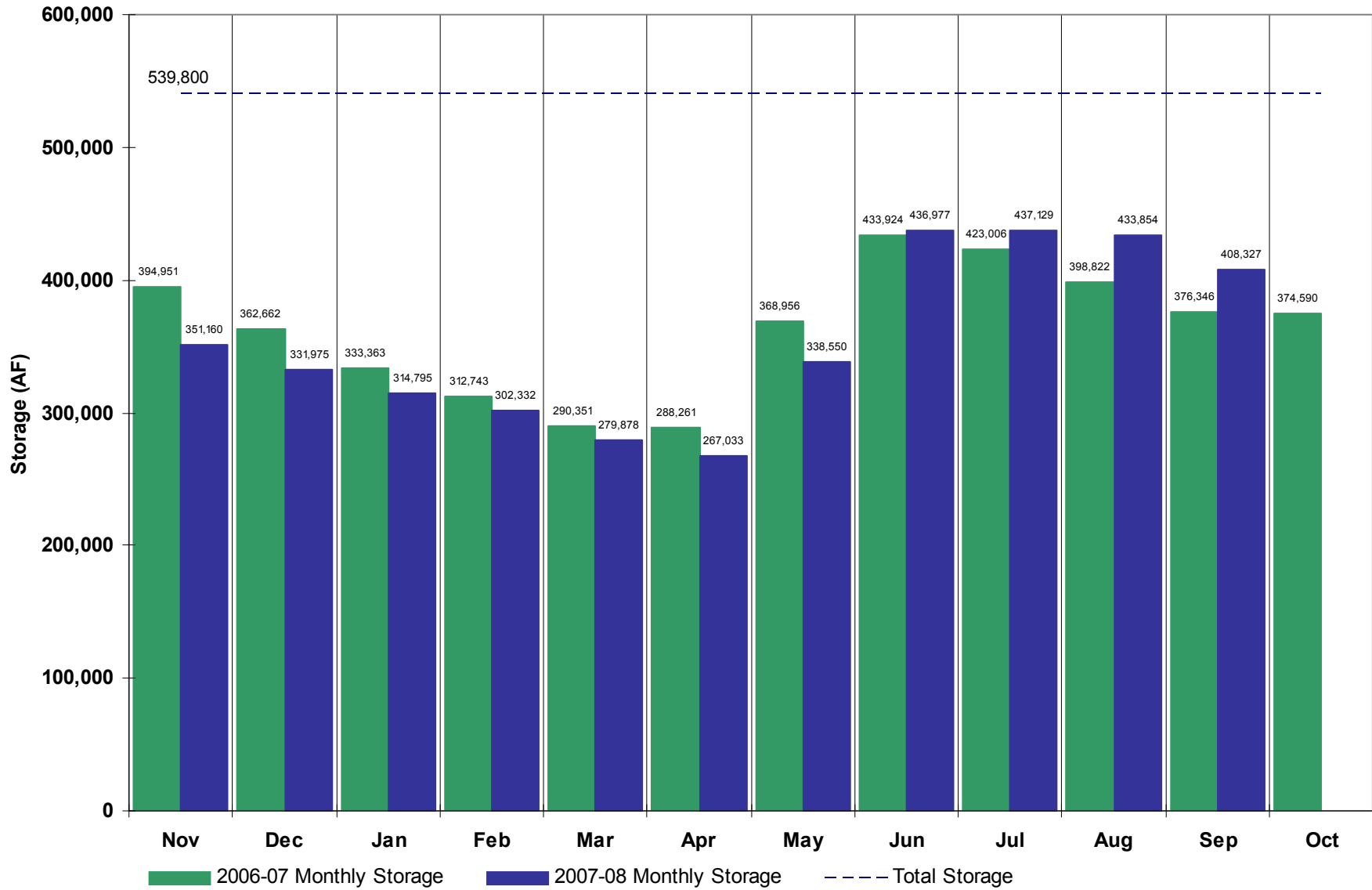


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby





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

Last Chance Ditch on the South Platte River
(Photo by Jana Ash)