

August 2008

South Platte Summary

Compiled by Jana Ash



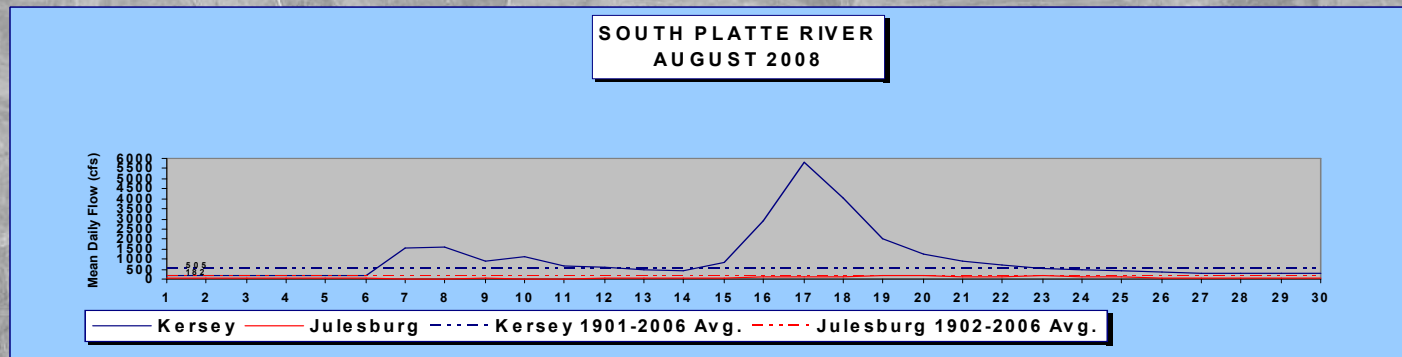
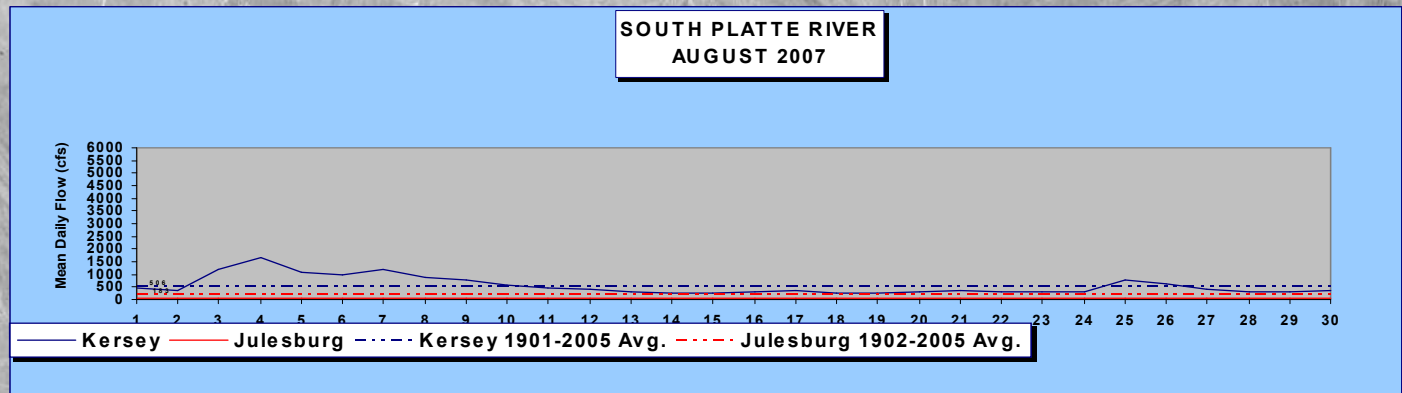
State Fair Exhibit
(Photo by Mark Trivisonno)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

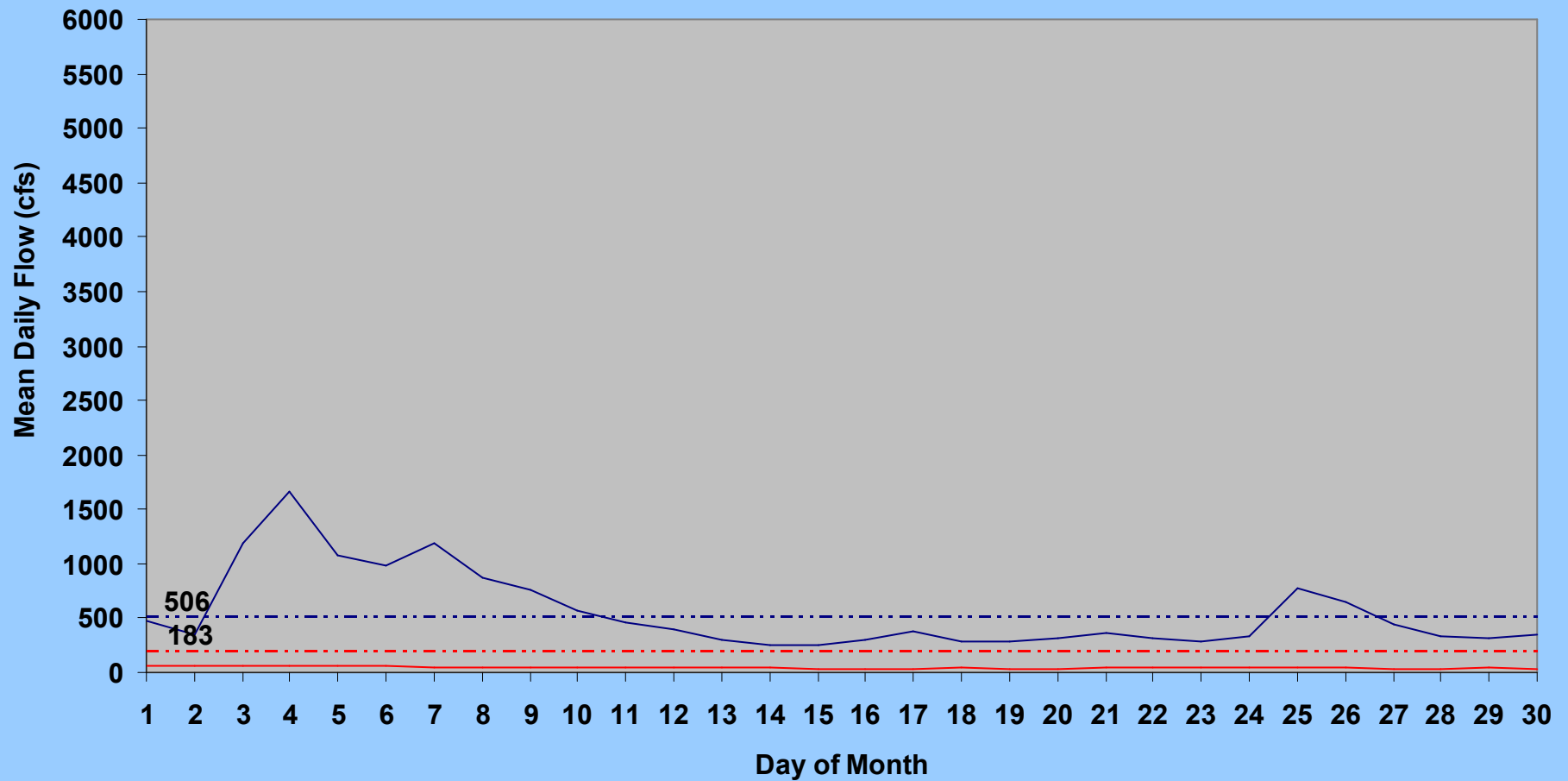
MONTH OF AUGUST 2008

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	12,888	10,850	64	-2,038	-16%	48%	51%	0
N STERLING	73,730	32,997	17,303	64	-15,694	-48%	23%	29%	0
PREWITT	28,500	14,096	15,368	64	1,272	9%	54%	61%	0
JACKSON	27,257	15,395	12,493	1	-2,902	-19%	46%	64%	0
EMPIRE	37,700	9,394	6,450	1	-2,944	-31%	17%	40%	0
RIVERSIDE	63,113	24,727	22,481	1	-2,246	-9%	36%	44%	0
BARR LAKE	31,652	14,743	13,185	2	-1,558	-11%	42%	62%	0
CHEESMAN	79,064	79,335	73,200	80	-6,135	-8%	93%	100%	0
ELEVEN MILE	97,779	99,315	99,486	23	171	0%	100%	100%	1,707
SPINNEY	53,651	50,252	48,380	23	-1,872	-4%	90%	94%	0
ANTERO	20,015	20,015	19,993	23	-22	0%	100%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	976
JULESBURG	73
THIS MONTH LAST YEAR	
KERSEY	543
JULESBURG	46
MEAN FOR PERIOD OF RECORD*	
KERSEY	505
JULESBURG	182
* 1901-2006	
1902-2006	

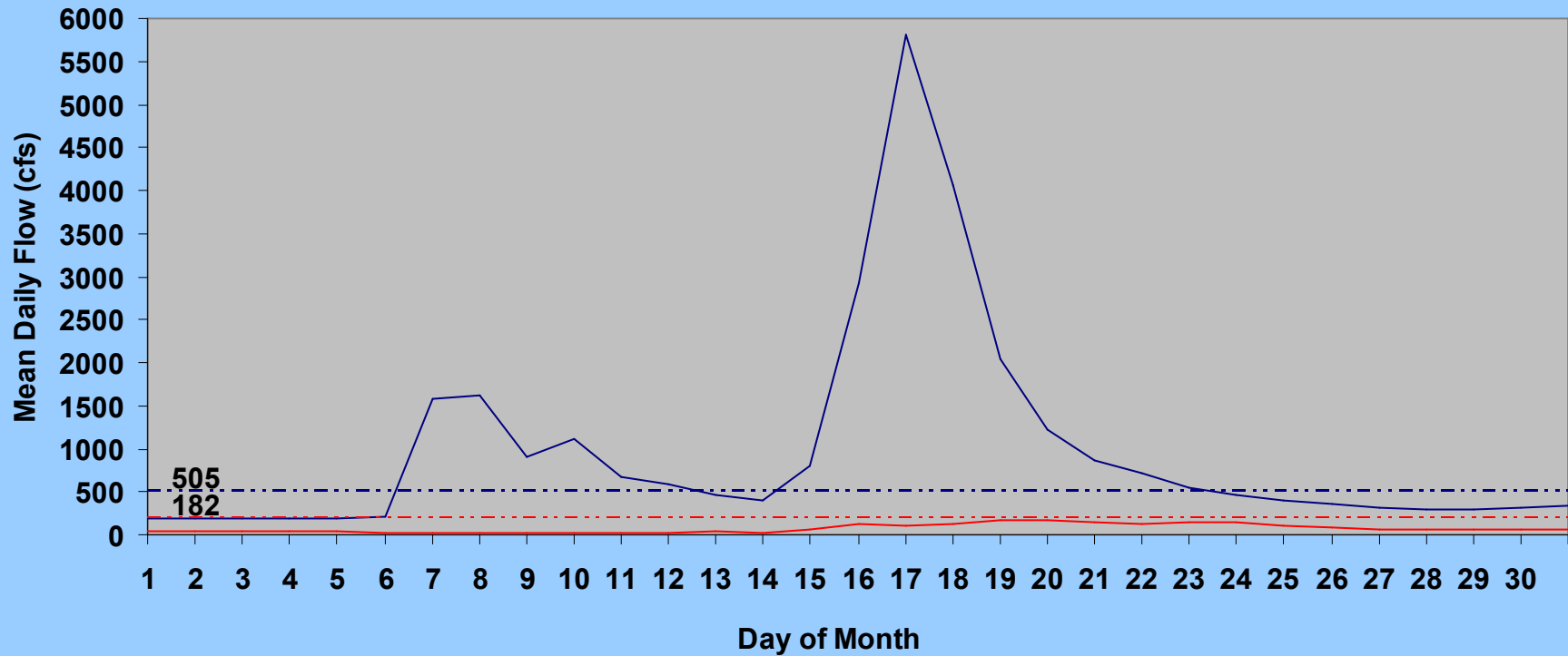


SOUTH PLATTE RIVER AUGUST 2007



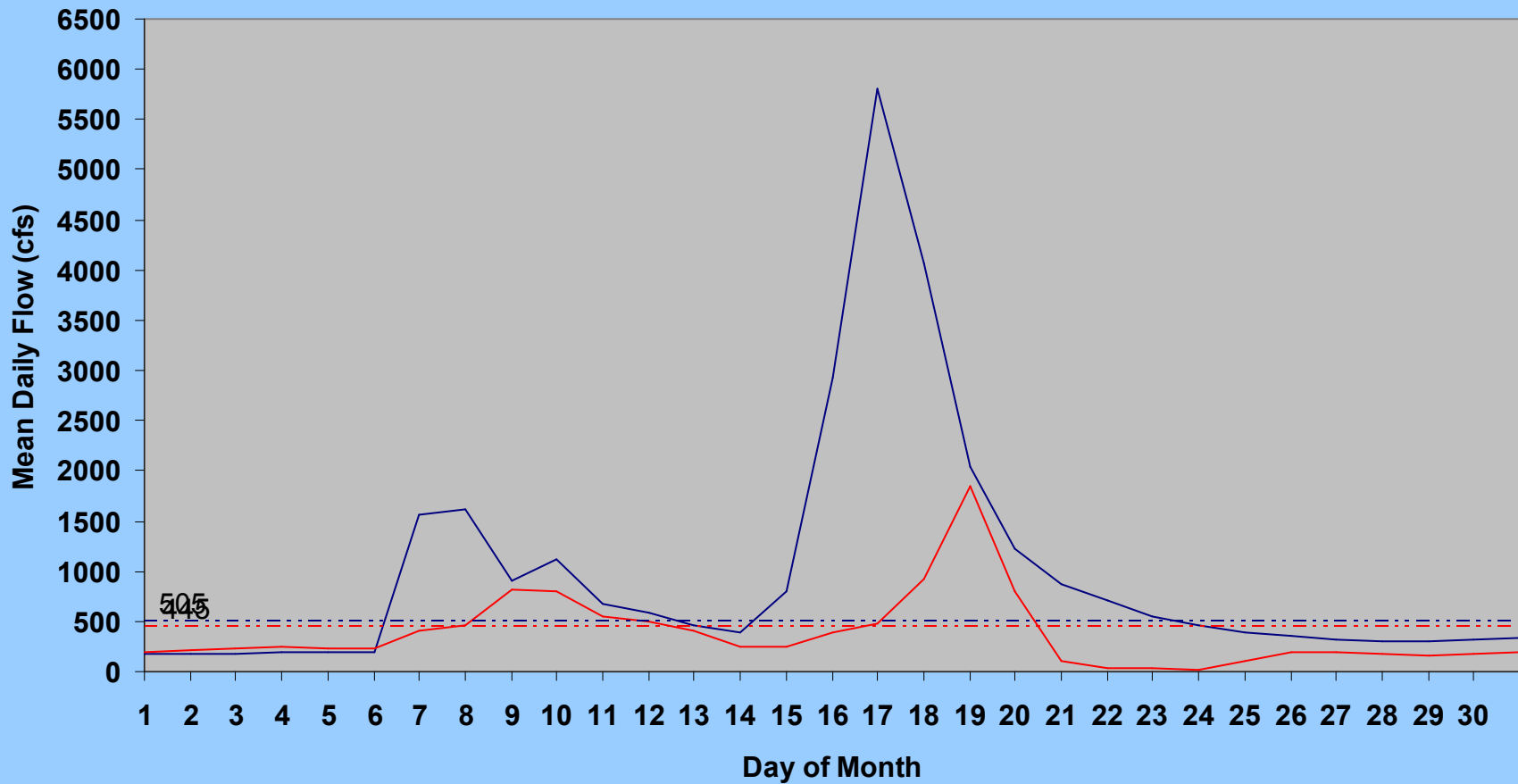
— Kersey — Julesburg - - - Kersey 1901-2005 Avg. - - - Julesburg 1902-2005 Avg.

SOUTH PLATTE RIVER AUGUST 2008



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

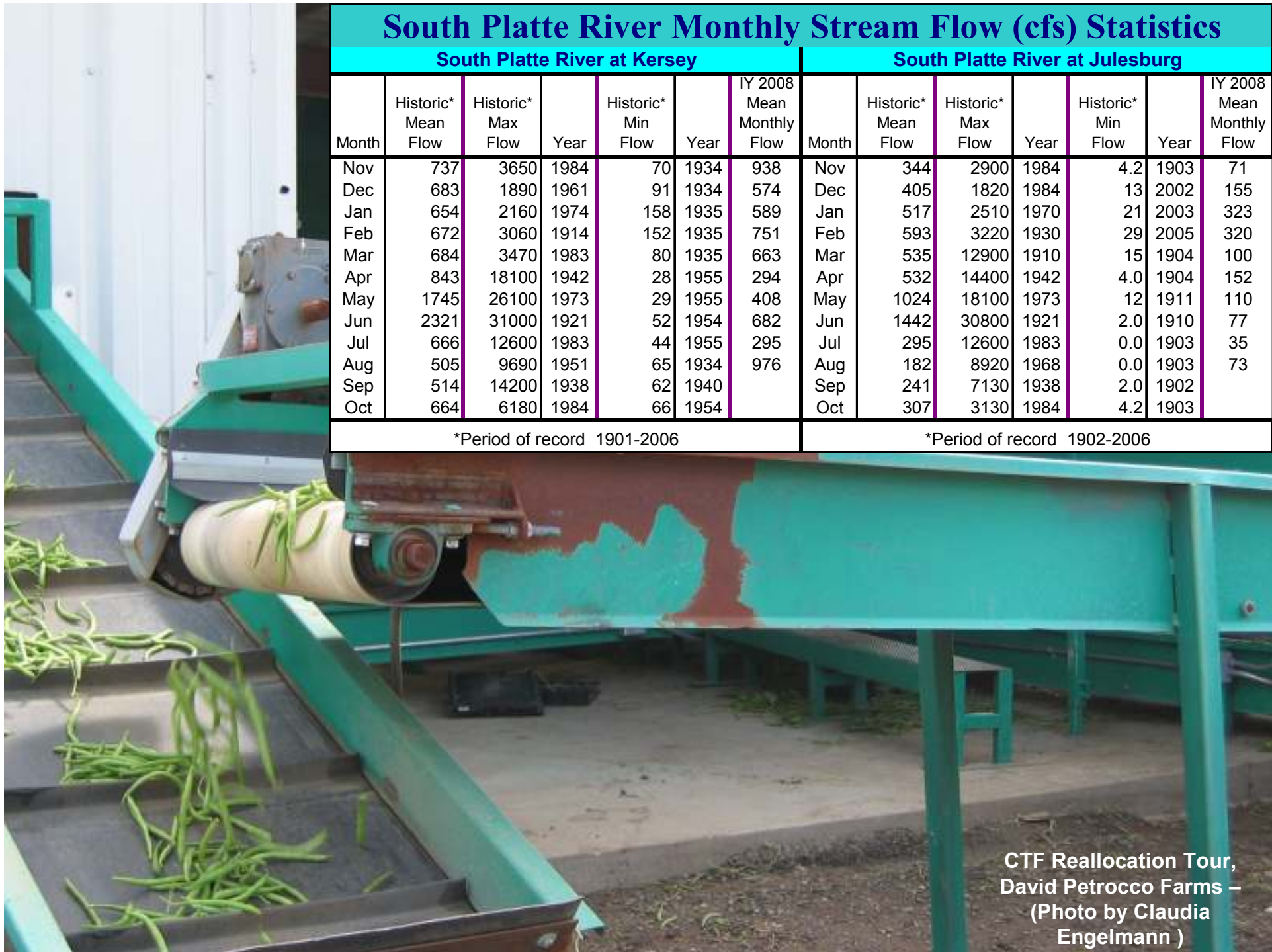
KERSEY and BALZAC AUGUST 2008



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

South Platte River Monthly Stream Flow (cfs) Statistics

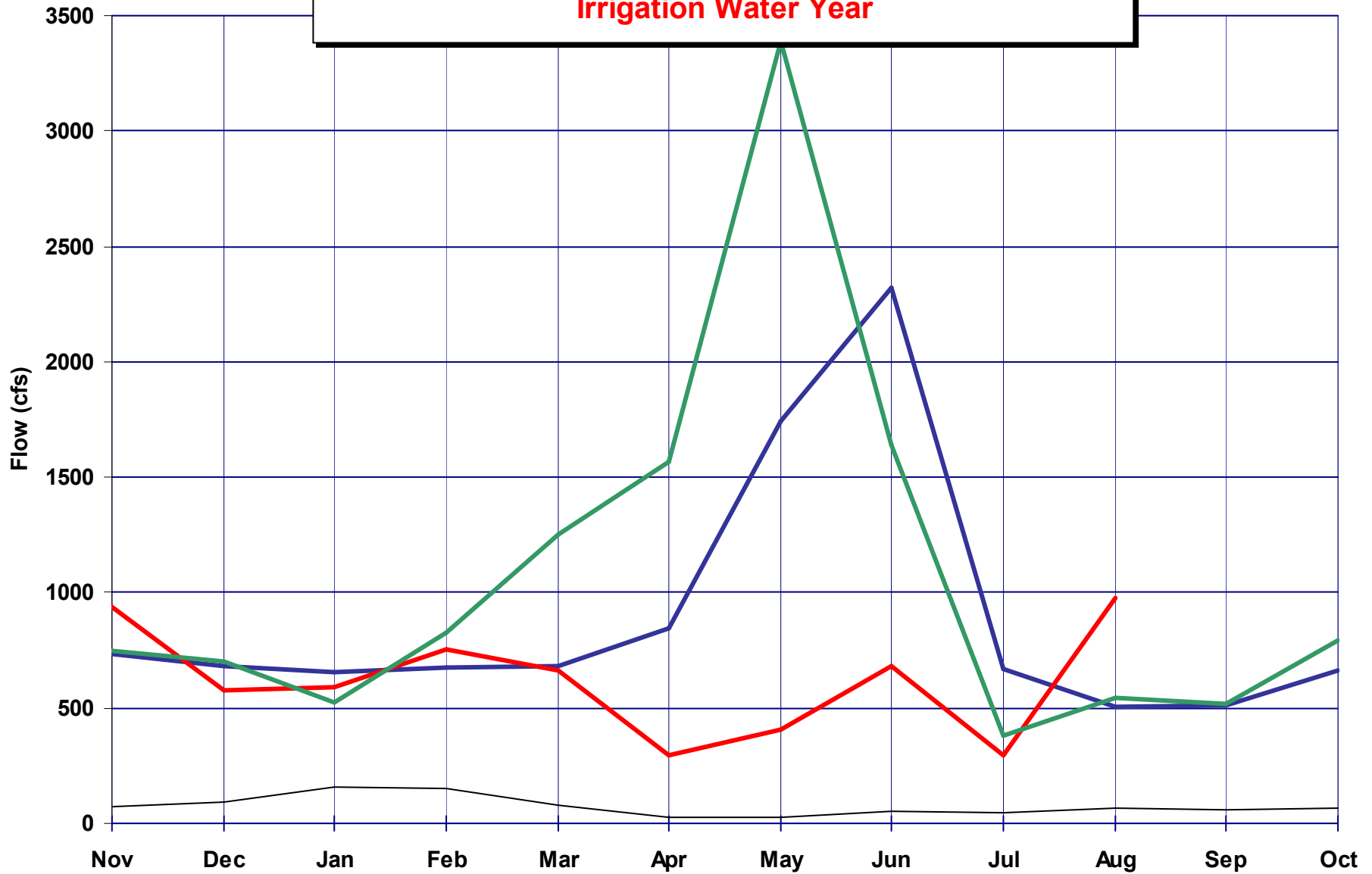
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2008 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2008 Mean Monthly Flow
Nov	737	3650	1984	70	1934	938	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		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						



CTF Reallocation Tour,
David Petrocco Farms –
(Photo by Claudia
Engelmann)

South Platte River at Kersey

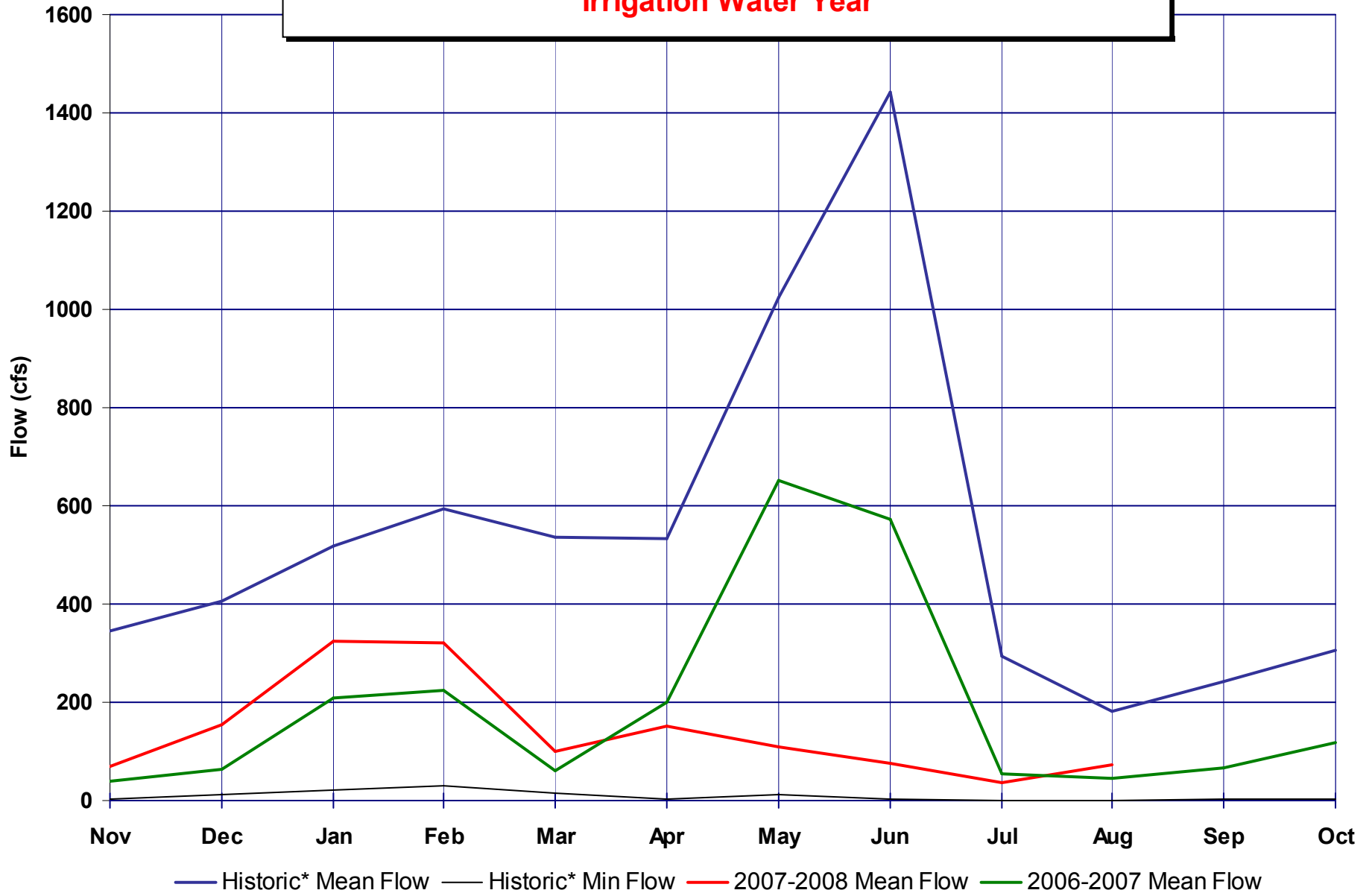
Irrigation Water Year



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

South Platte River at Julesburg

Irrigation Water Year



*1902-2006

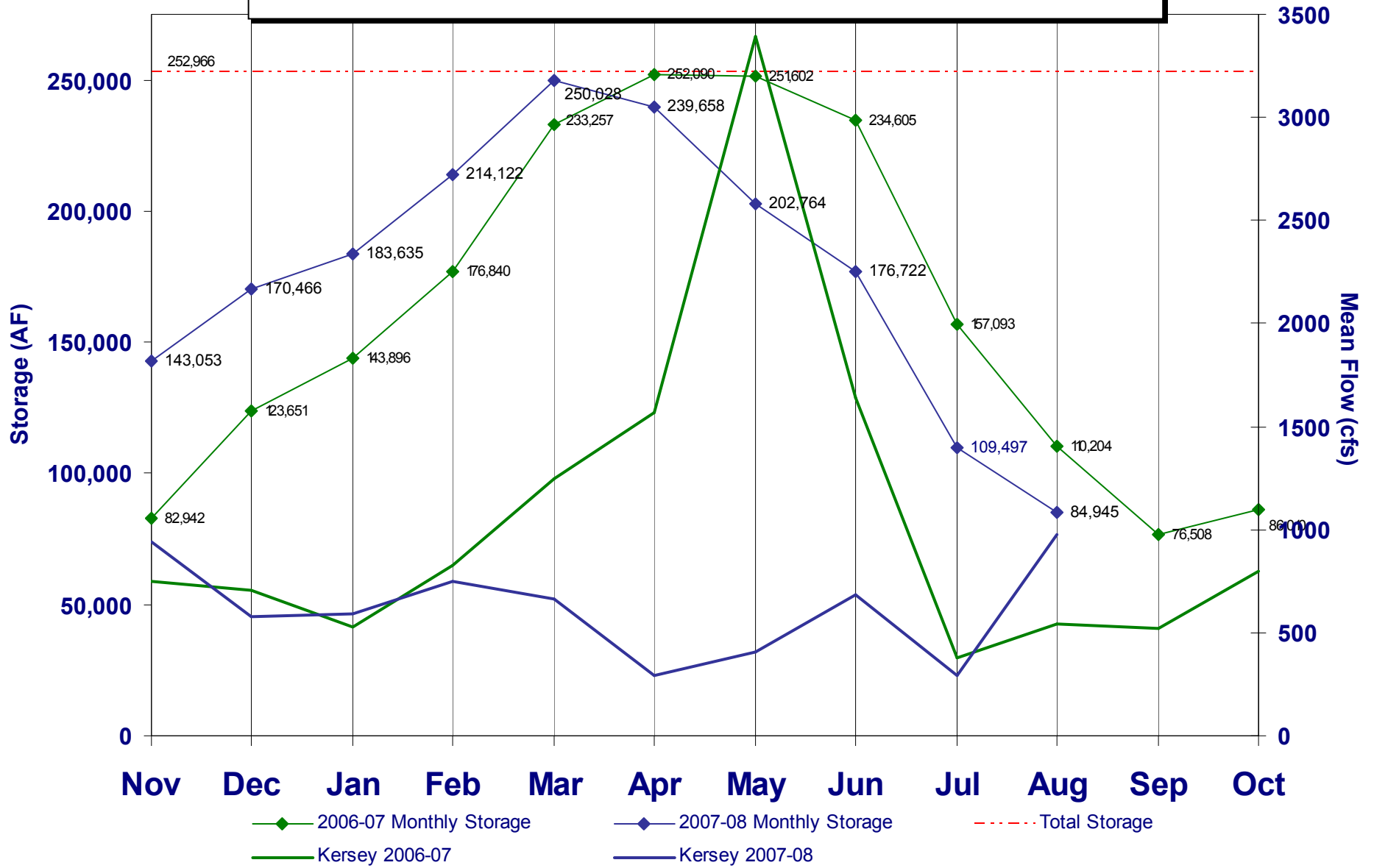
Next four slides show Reservoir Storage below and above Kersey



**Gaging Station on State Fair
Exhibit
(Photo by Mark Trivisonno)**

Reservoir Storage below Kersey

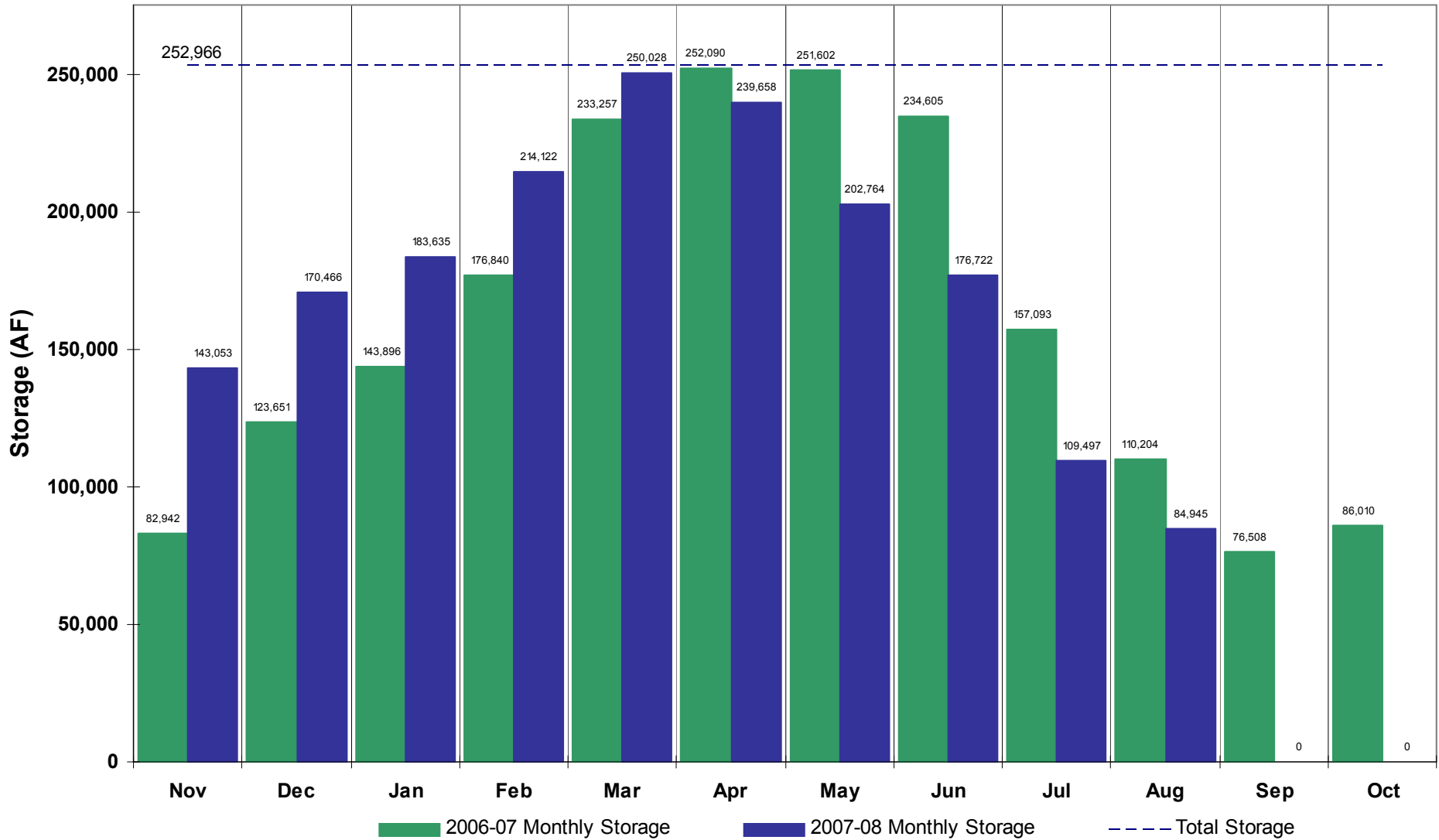
Selected Reservoirs*



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

South Platte Reservoirs

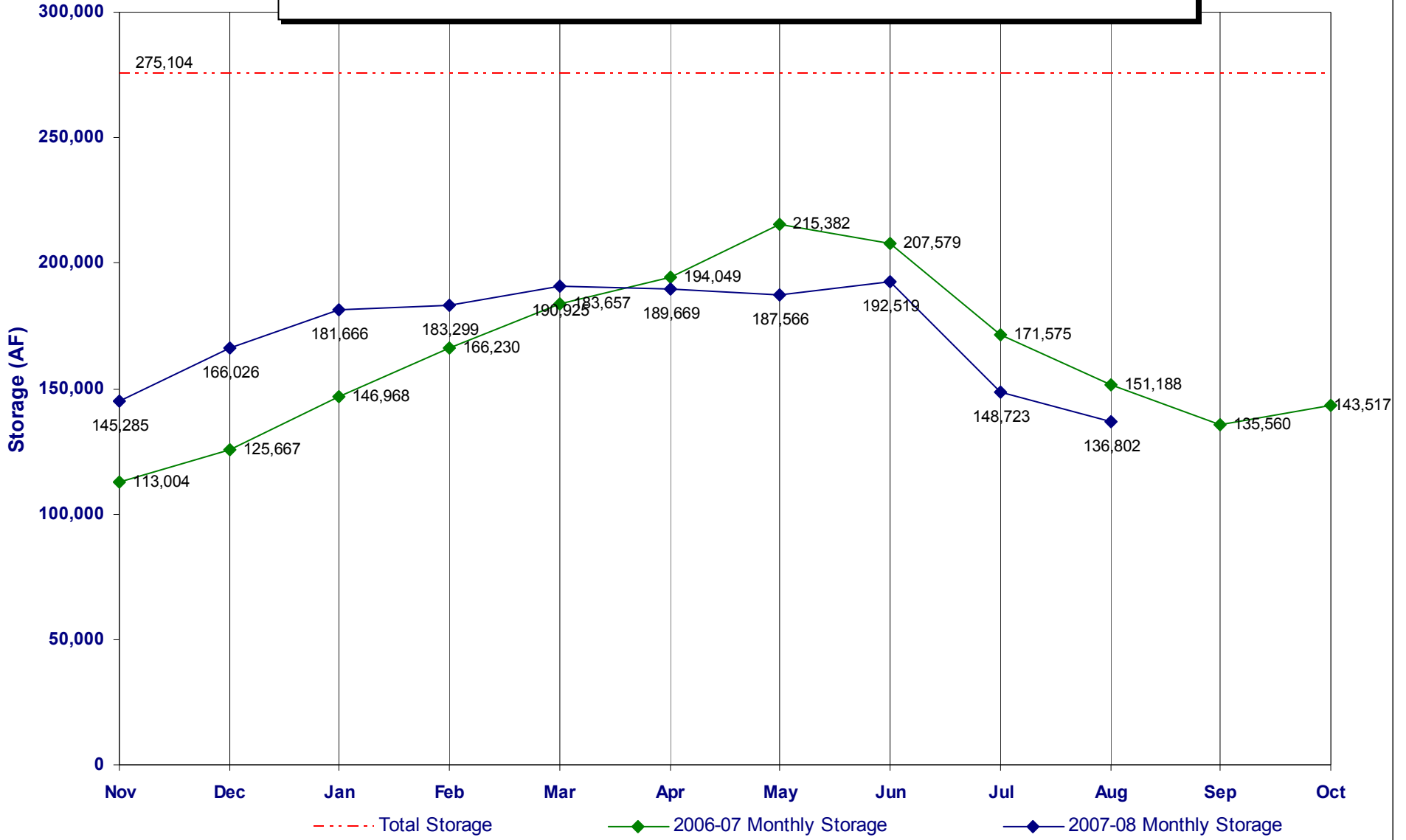
Storage below Kersey*



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

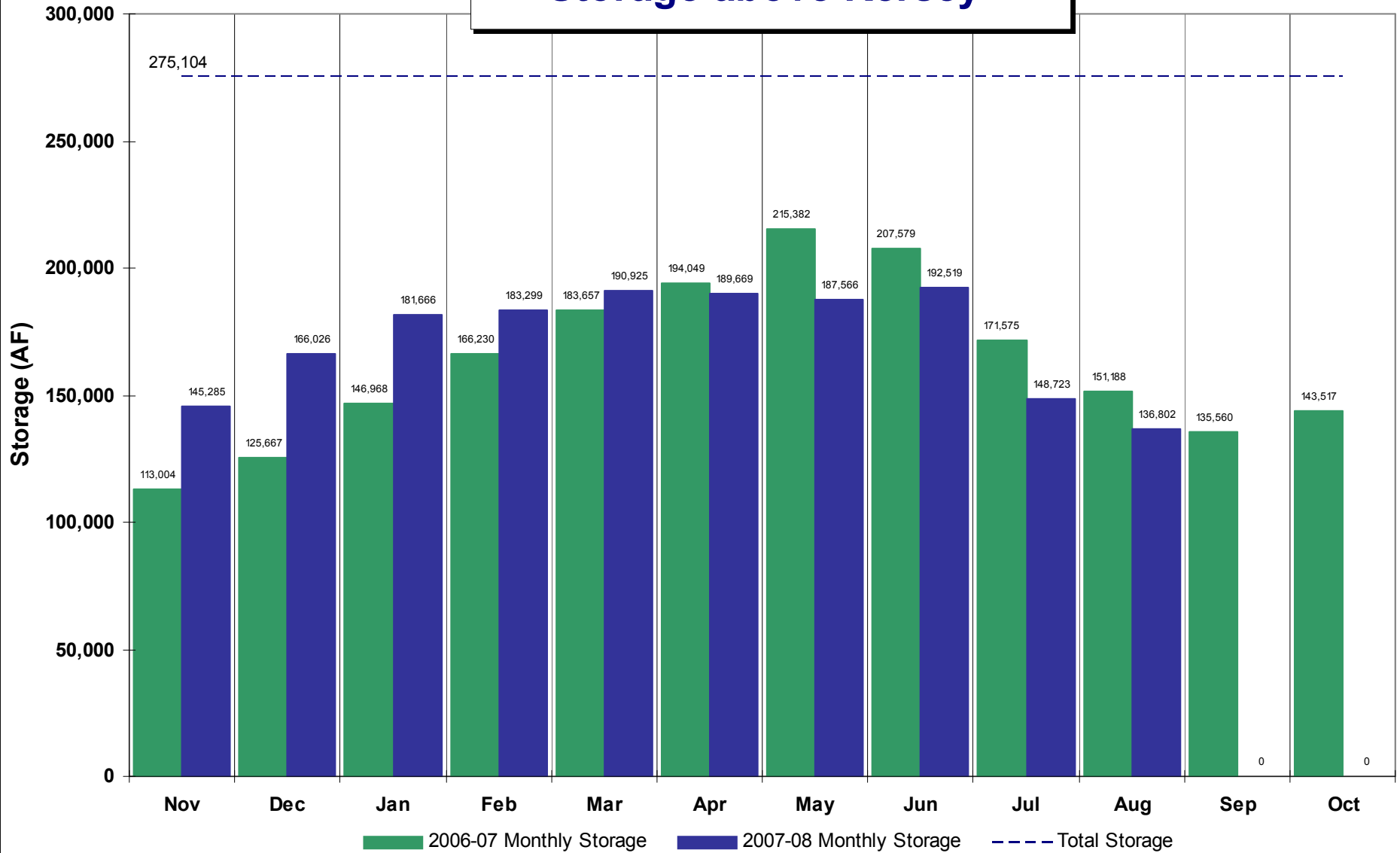
Reservoir Storage above Kersey

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

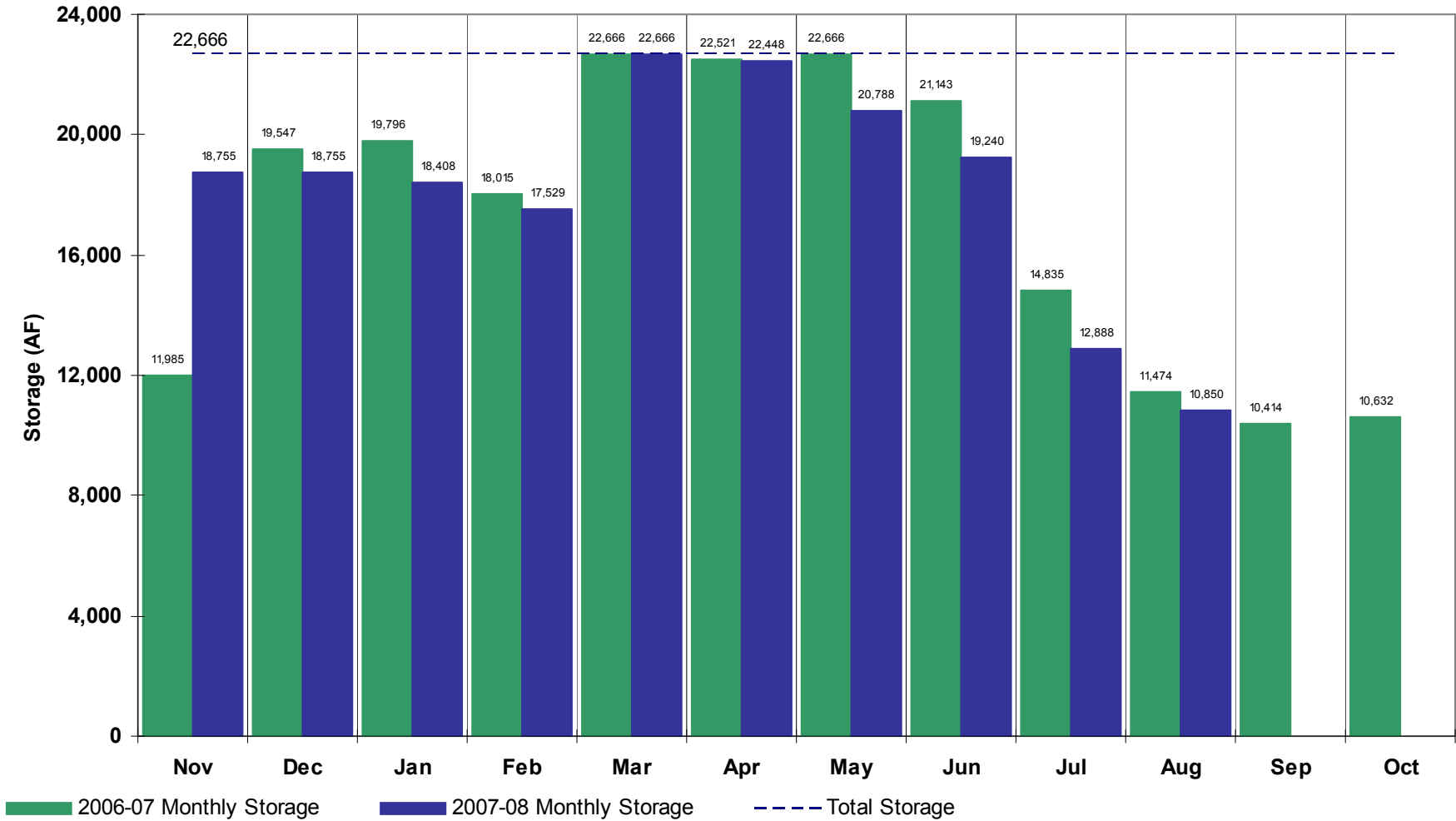
Individual Reservoir Storage Follows



Aurora Reservoir
(Photo by Claudia Engelmann)

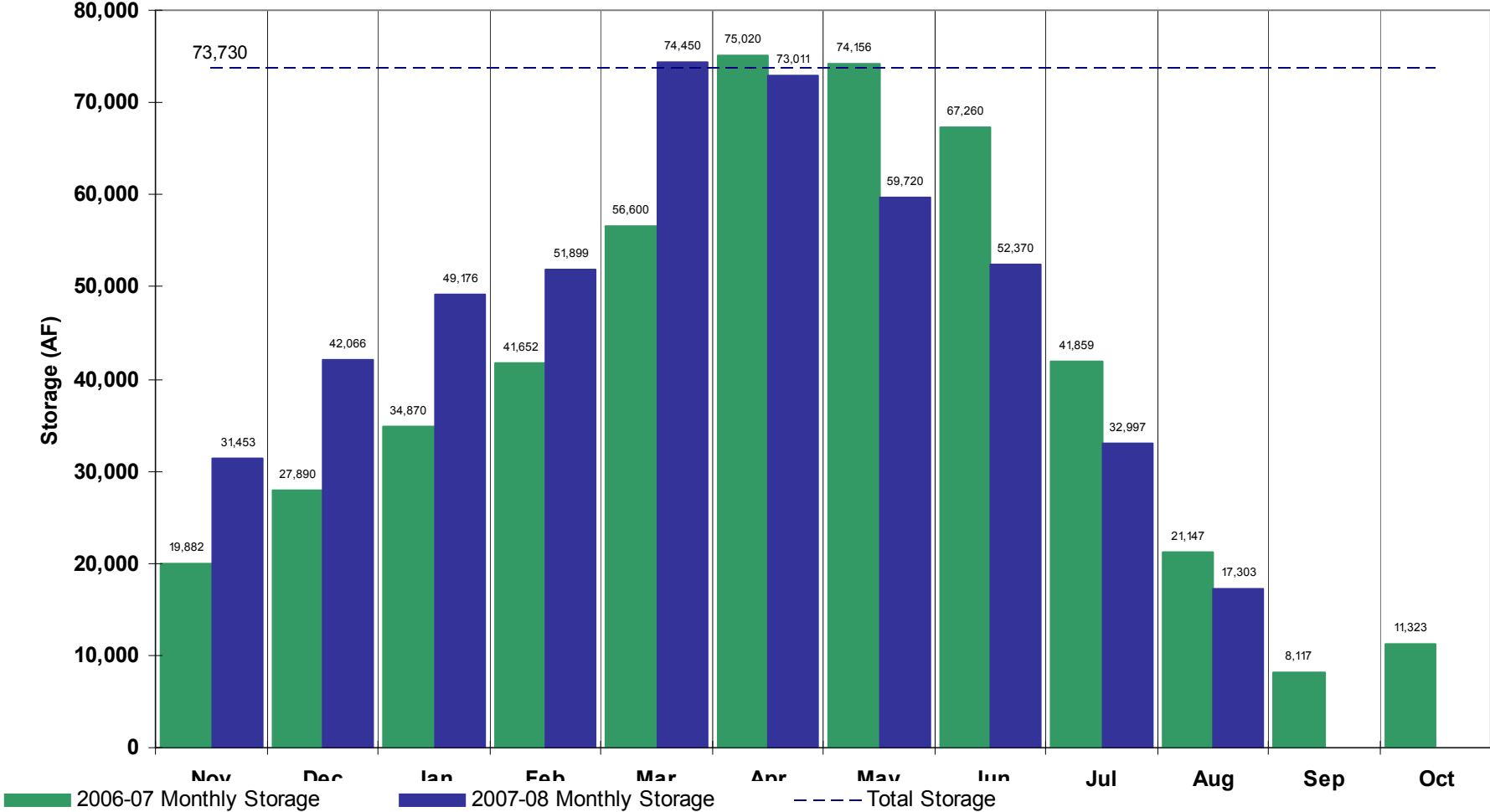
Julesburg Reservoir

(District 64 - Agricultural)



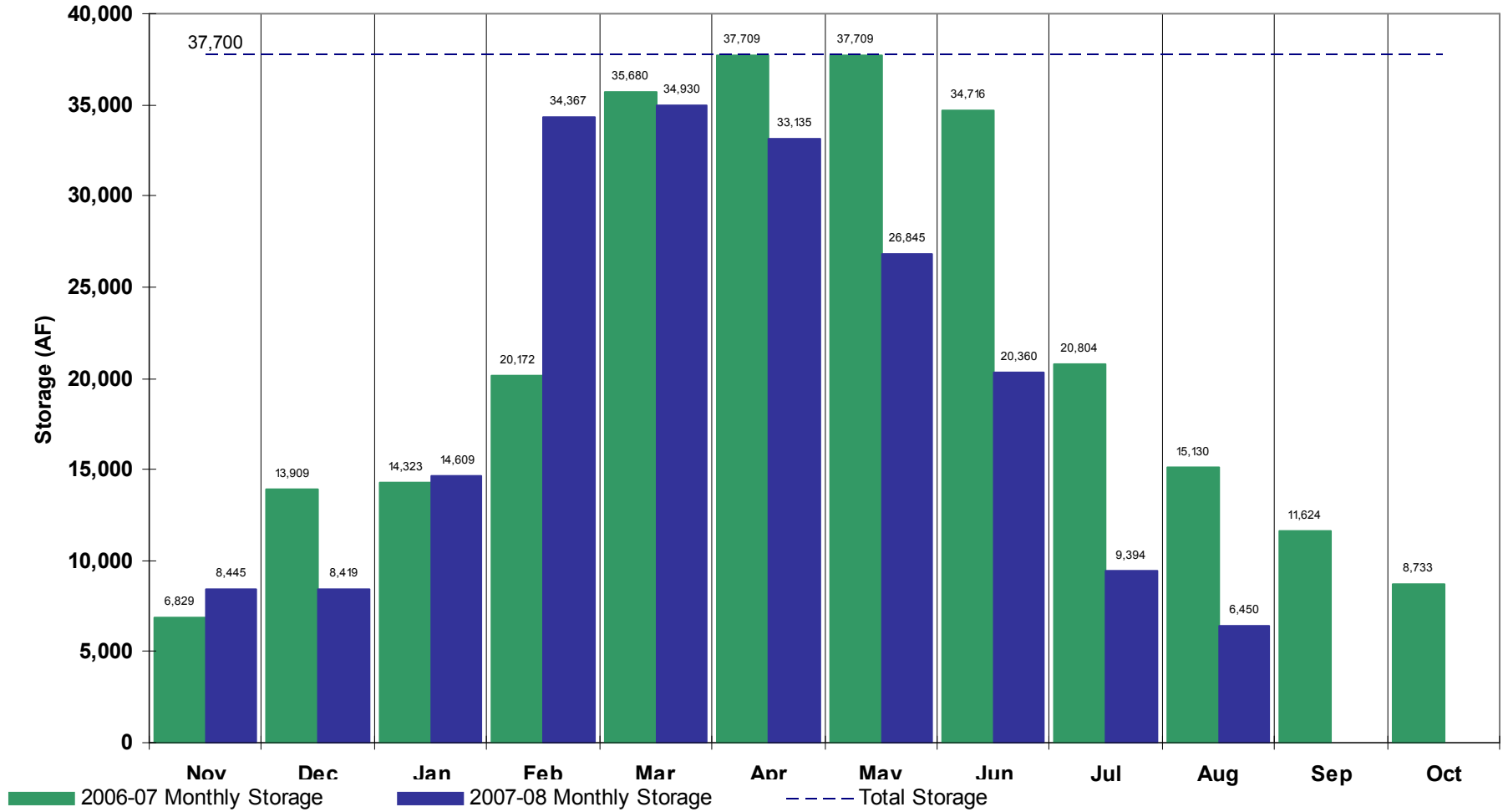
North Sterling Reservoir

(District 64- Agricultural)



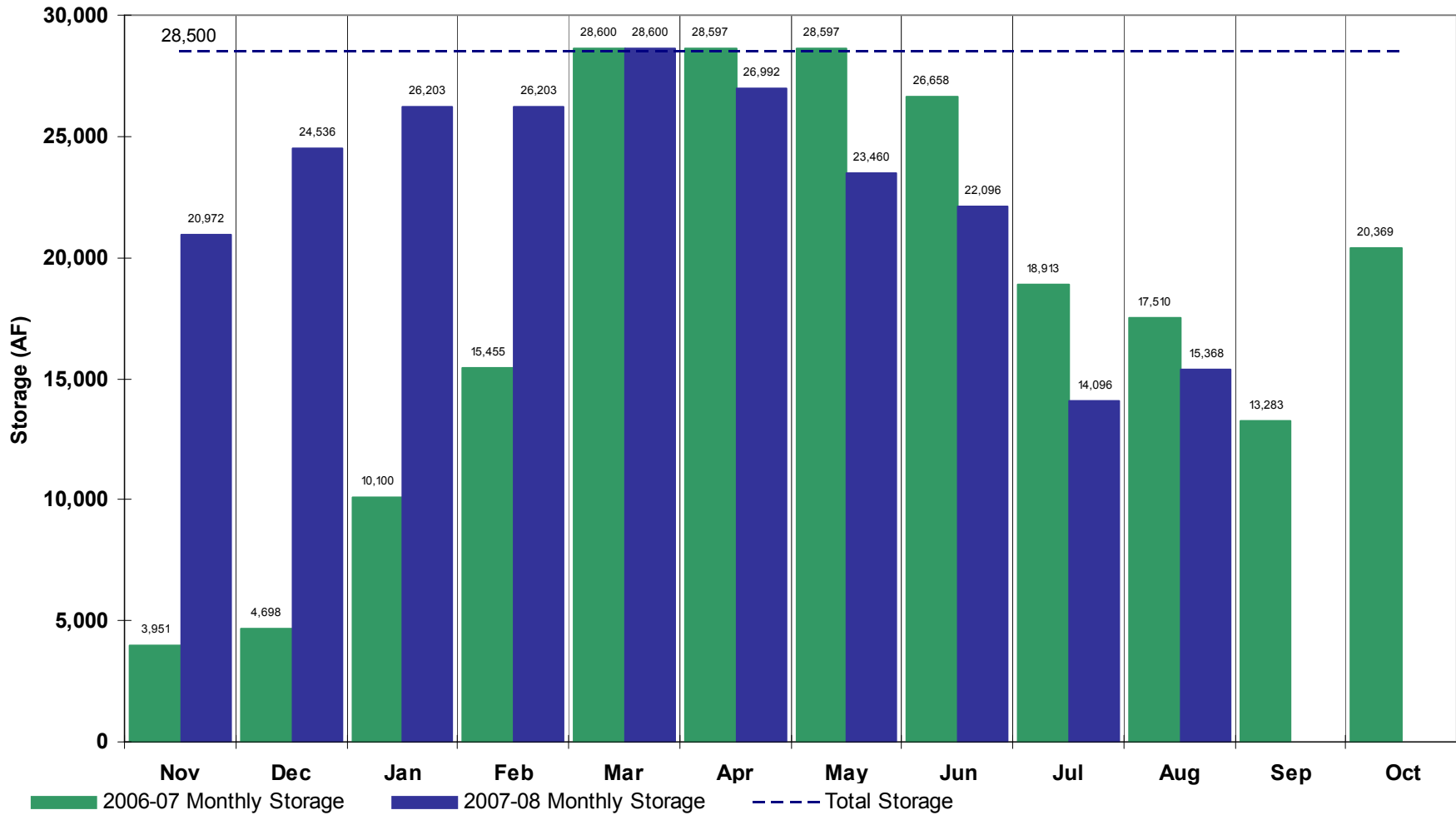
Empire Reservoir

(District 1- Agricultural)



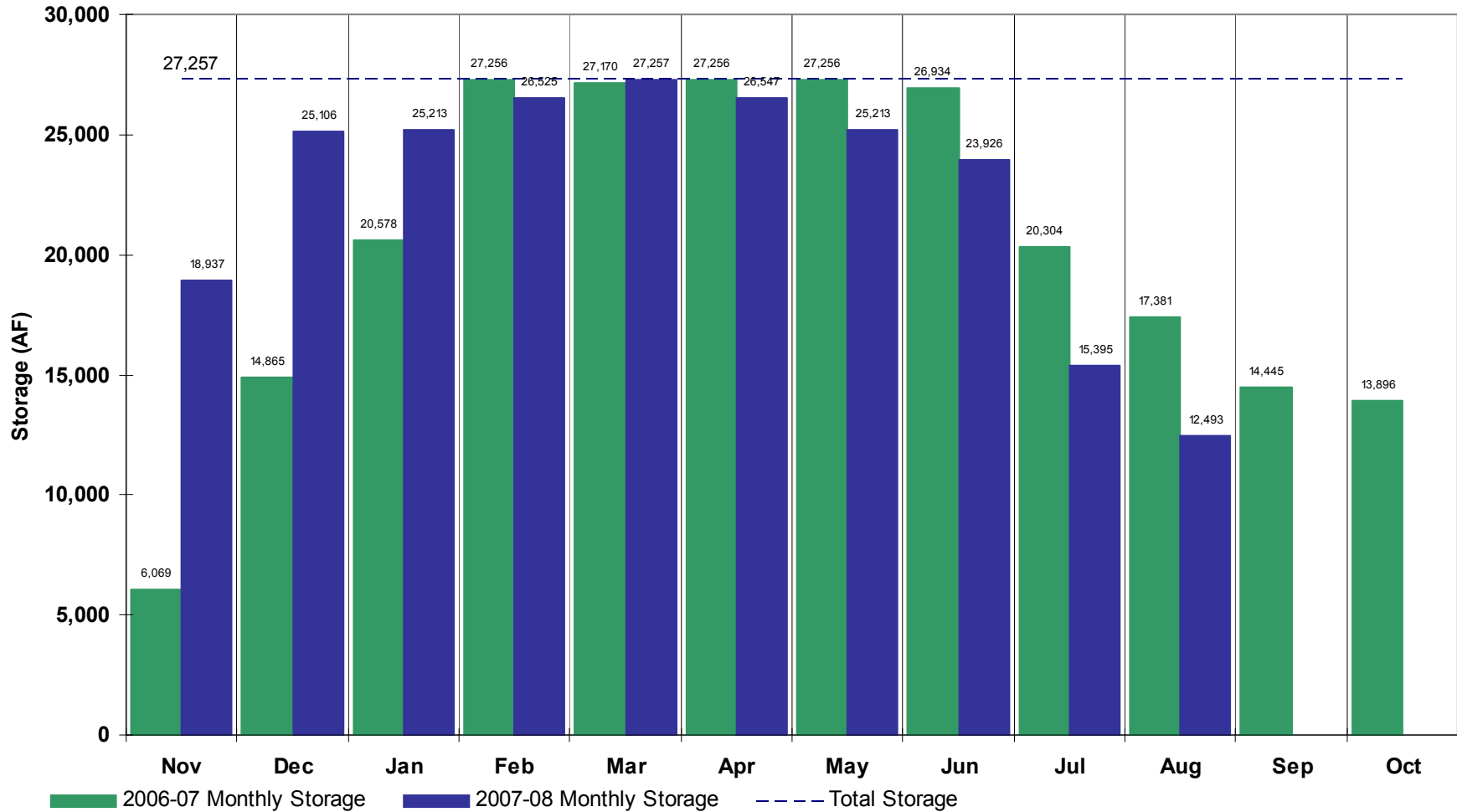
Prewitt Reservoir

(District 64- Agricultural)



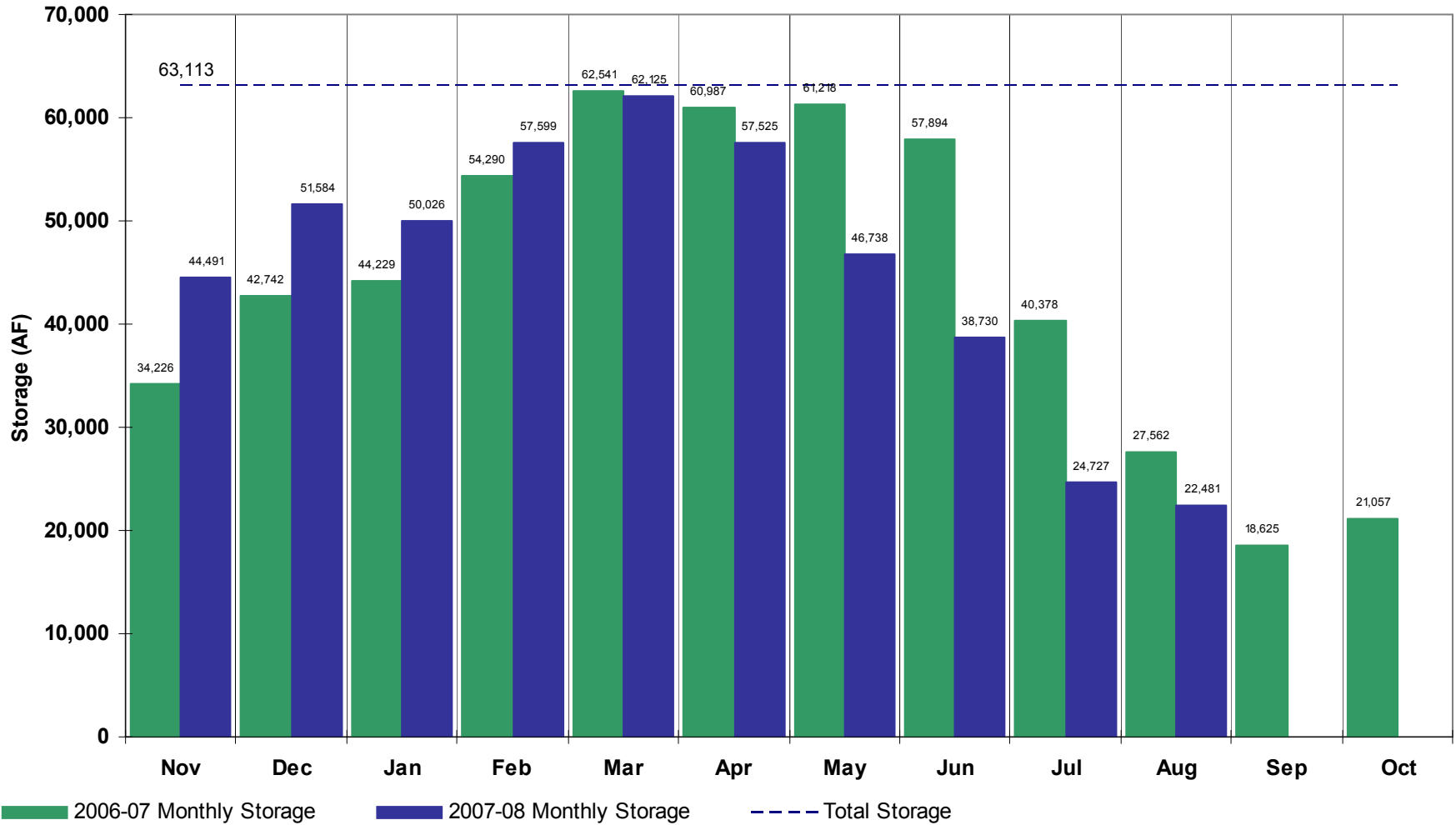
Jackson Reservoir

(District 1- Agricultural)



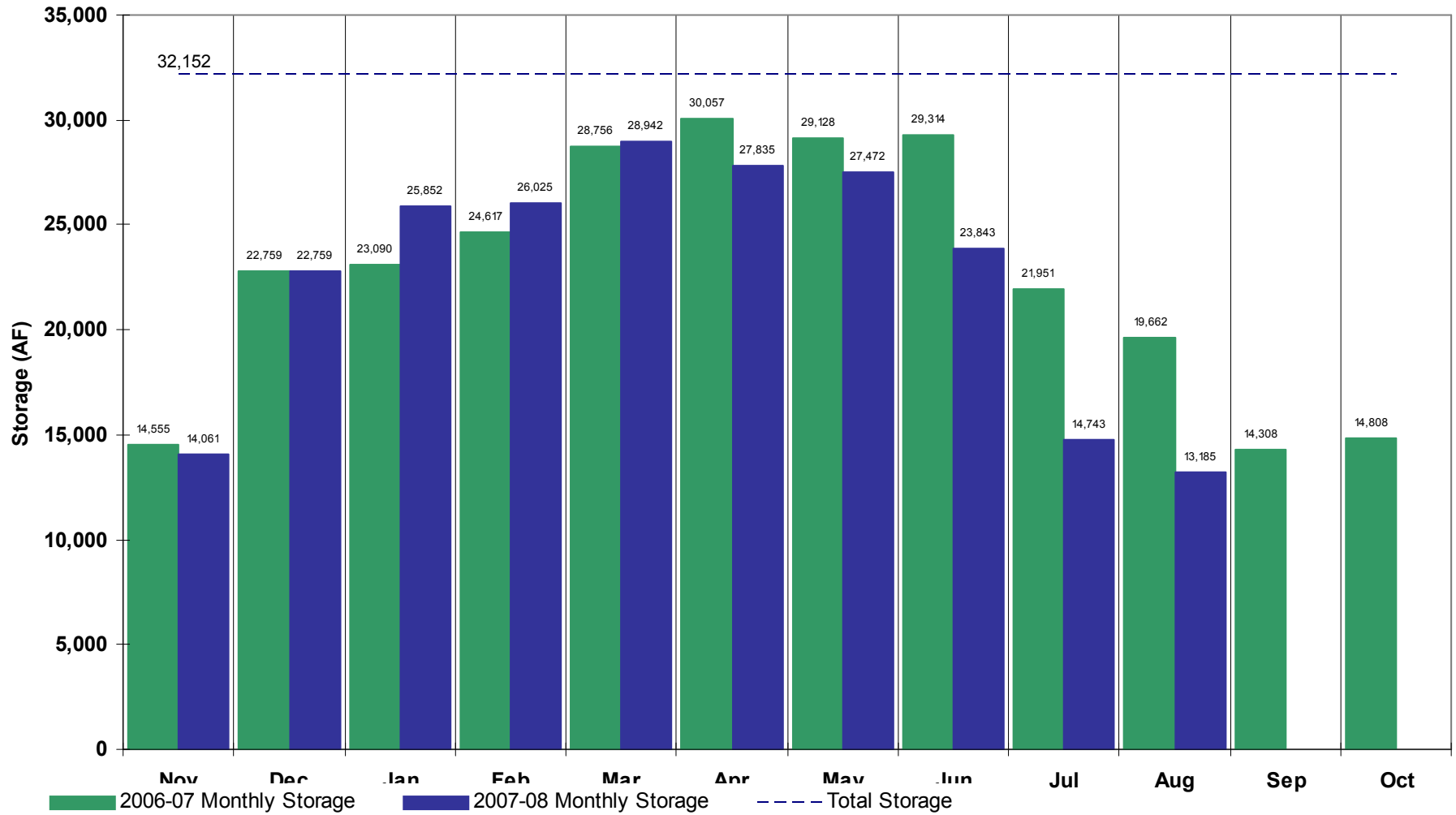
Riverside Reservoir

(District 1 - Agricultural)



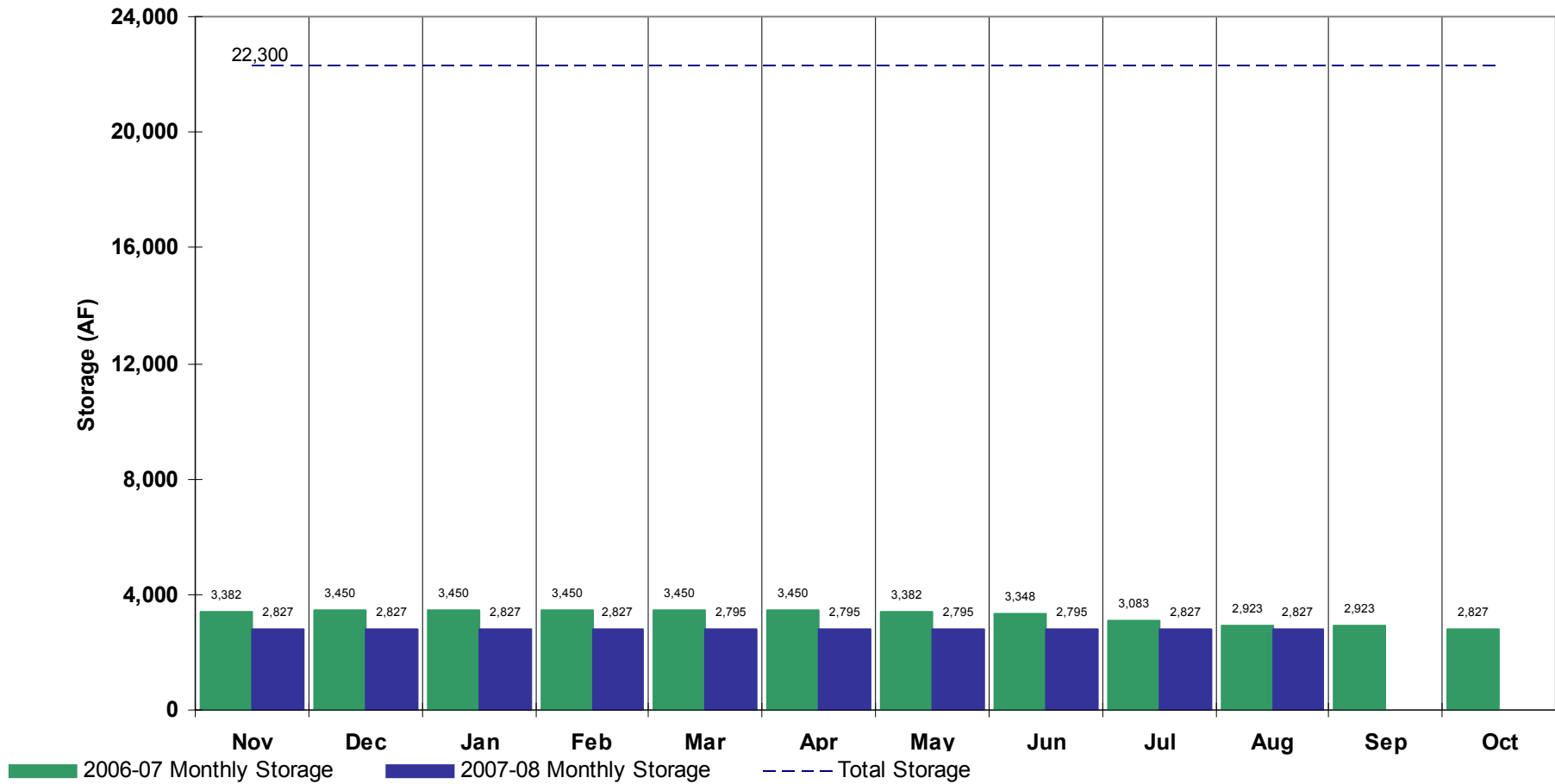
Barr Lake

(District 2 - Agricultural)



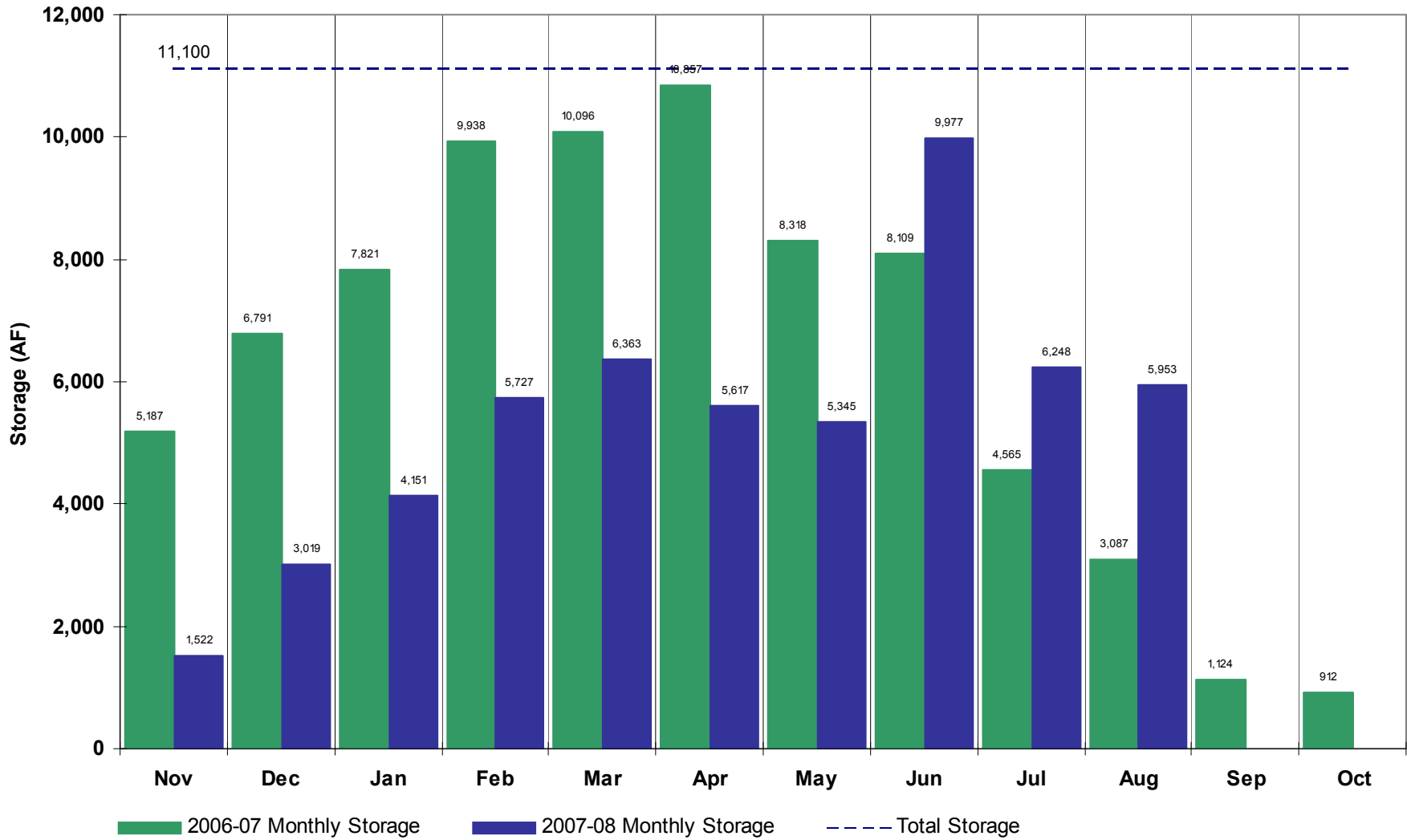
Cobb Lake

(District 3, Poudre River - Agricultural)



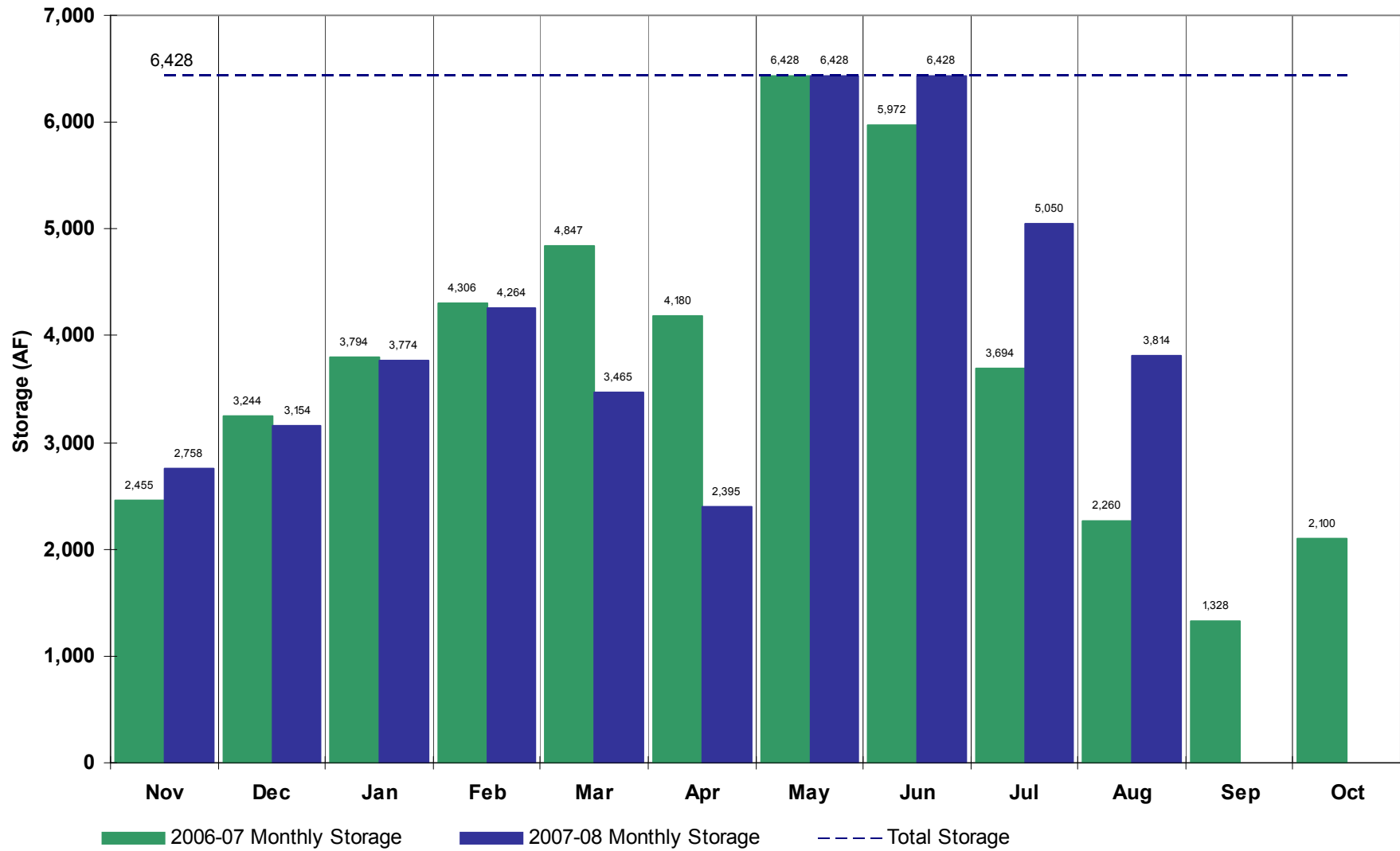
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



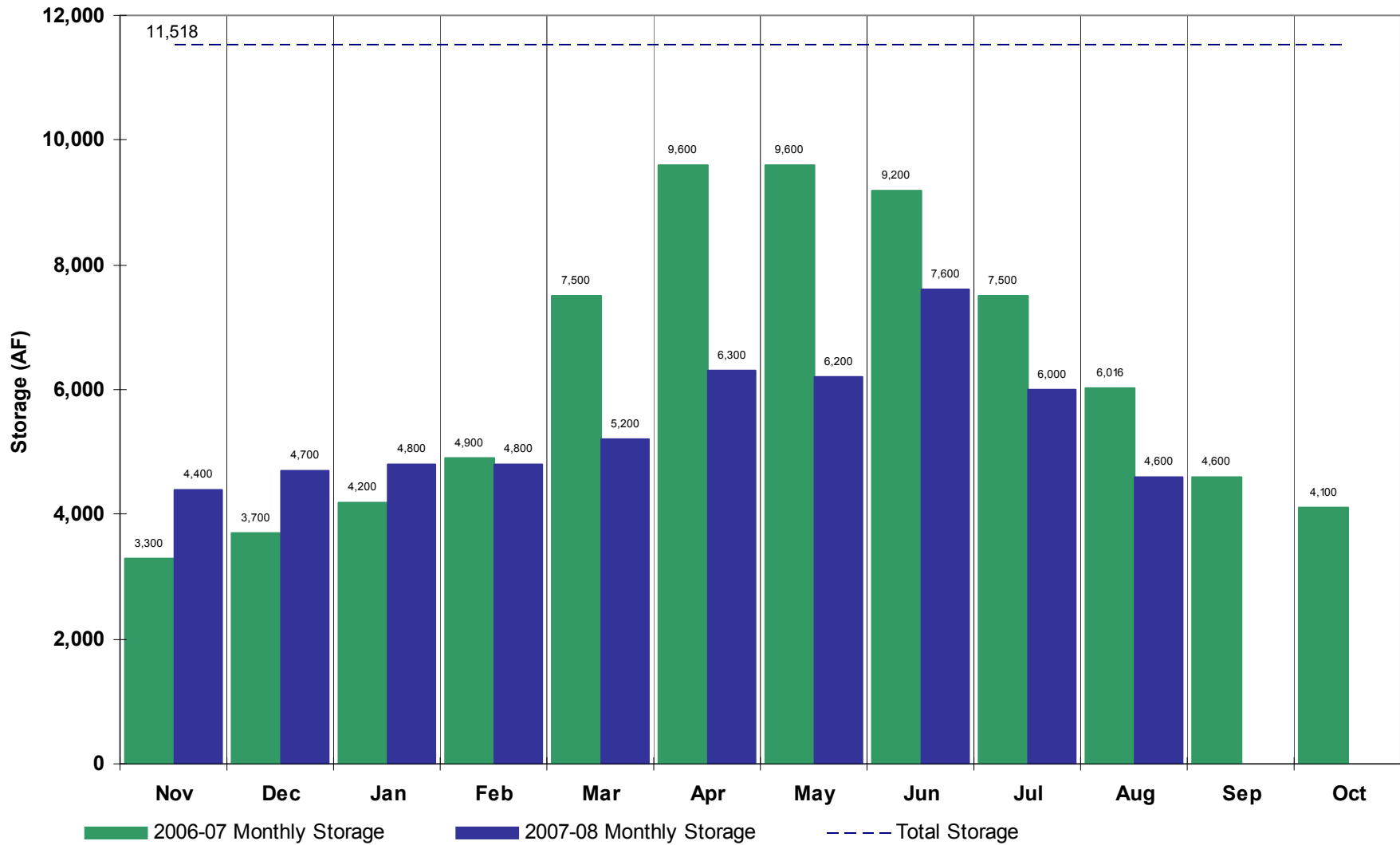
Halligan Reservoir

(District 3, Poudre River - Agricultural)



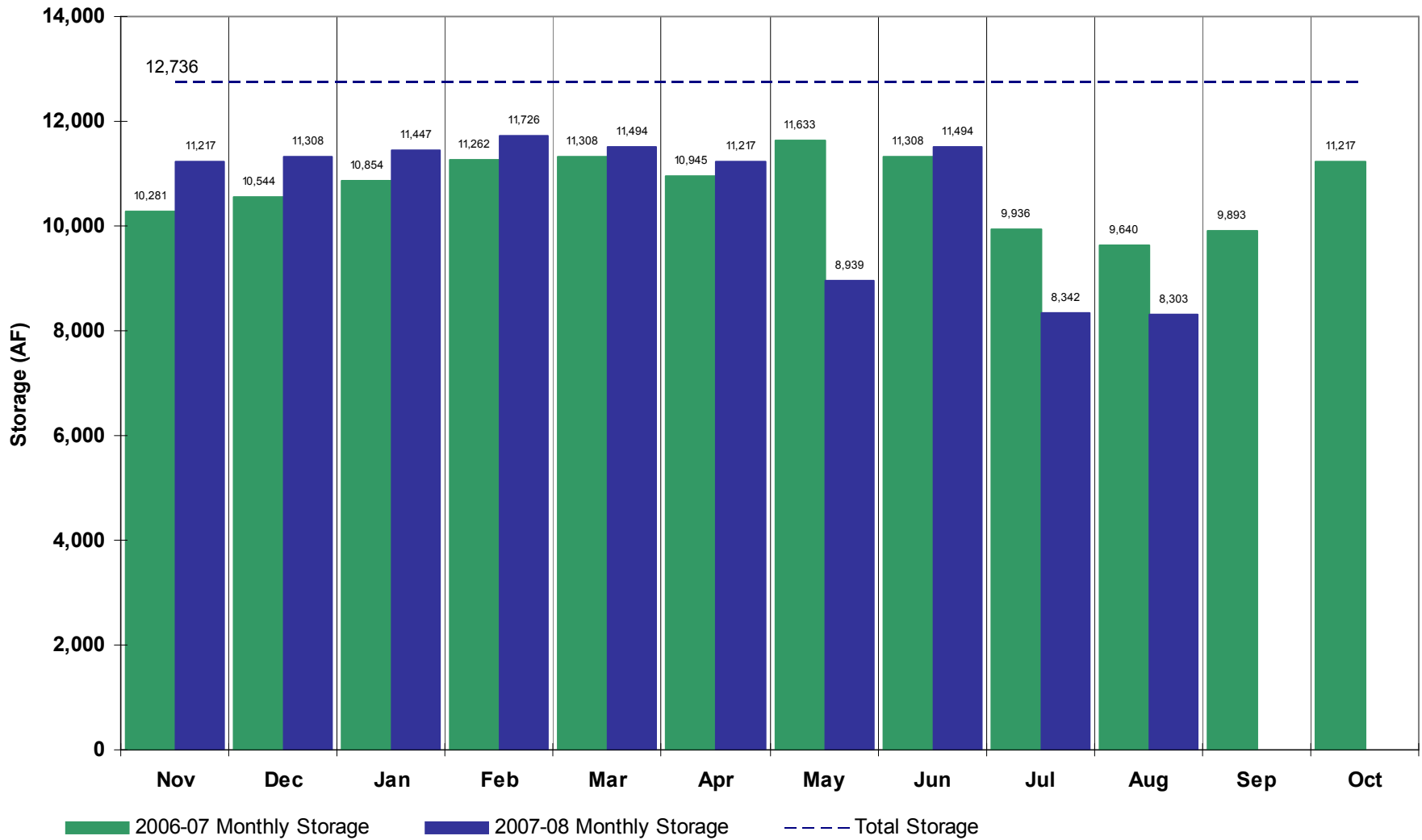
Marshall Lake

(District 6, Boulder Creek - Agricultural)



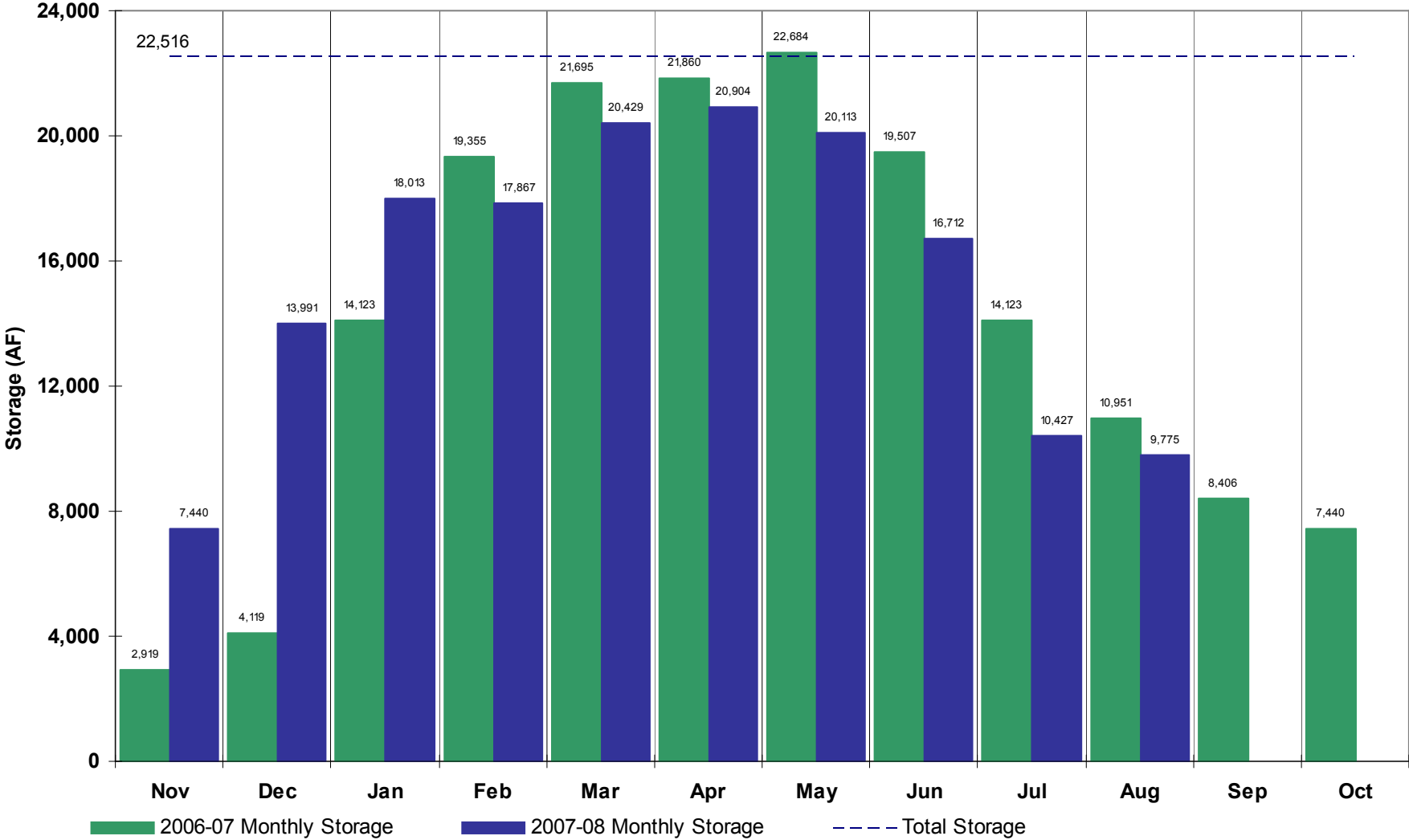
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



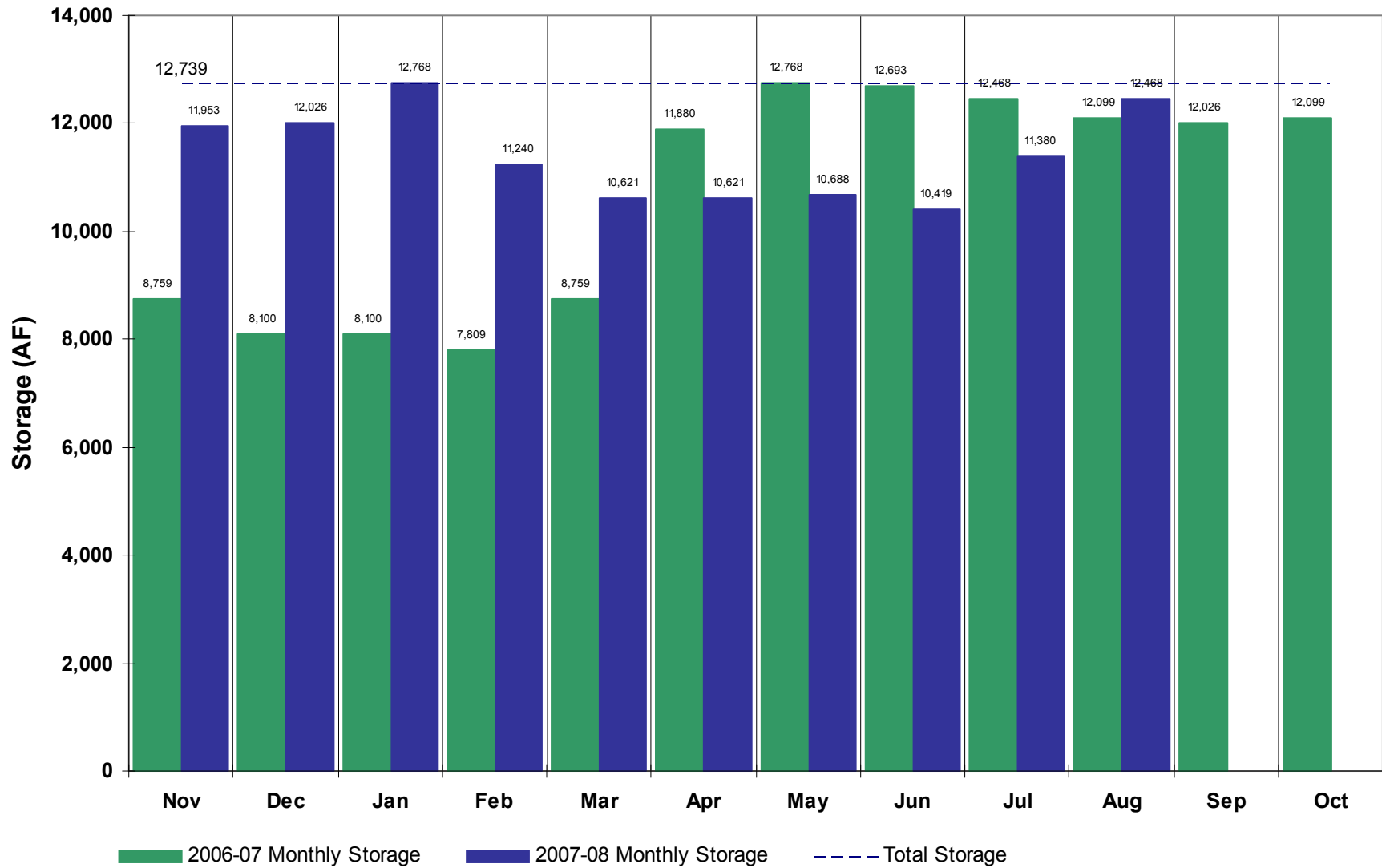
Milton Reservoir

(District 2 - Agricultural)

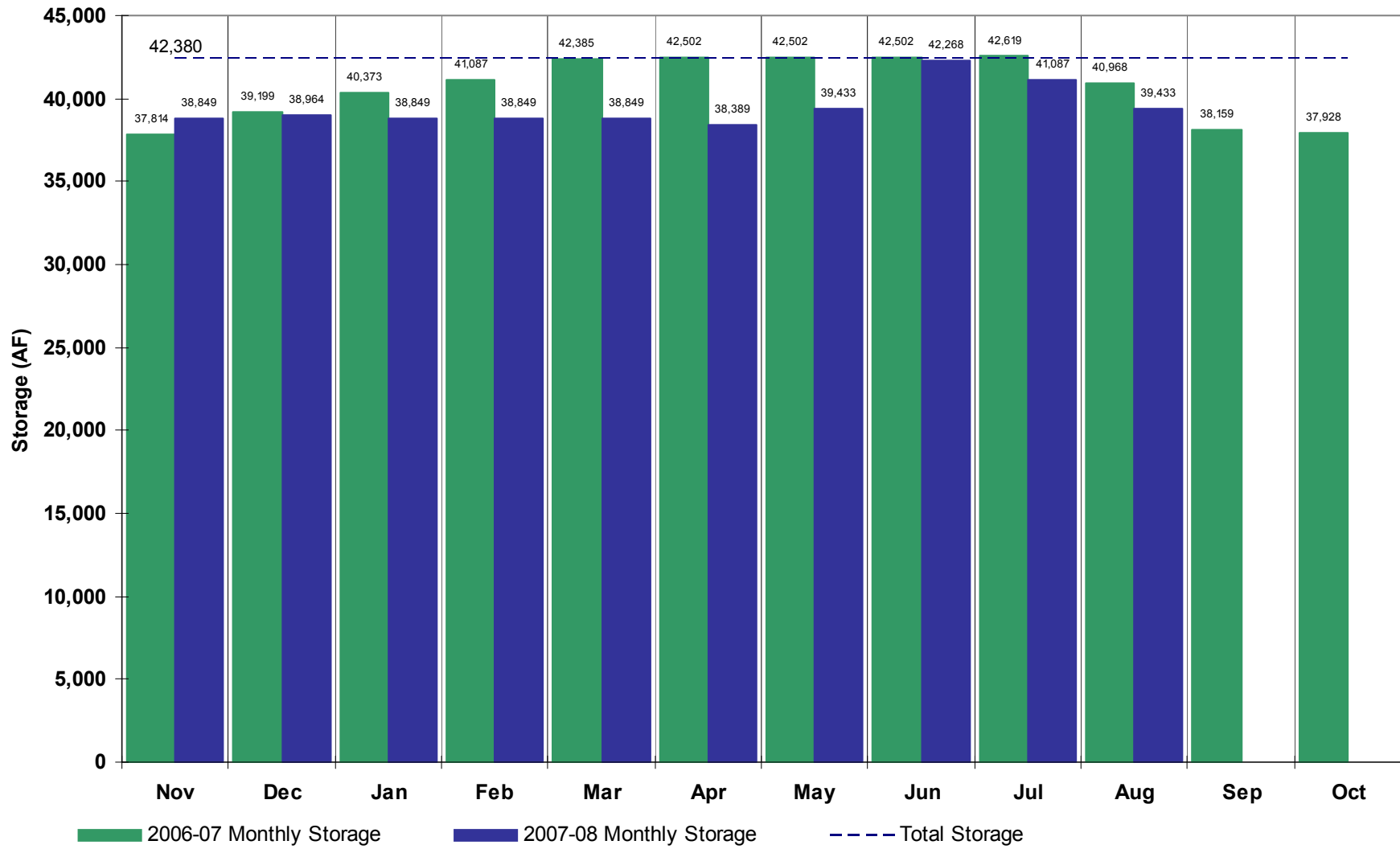


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

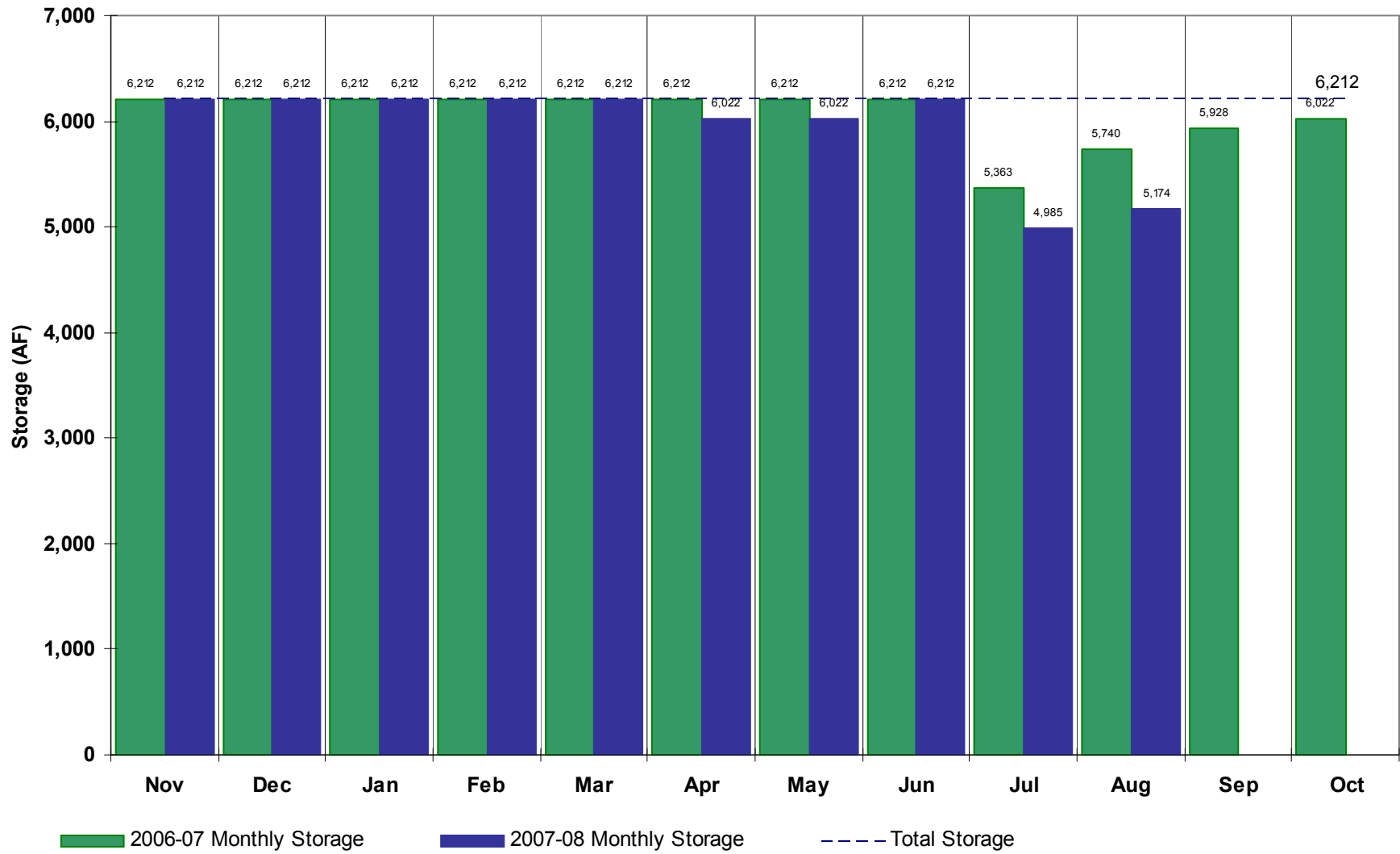


Standley Lake (Agricultural)



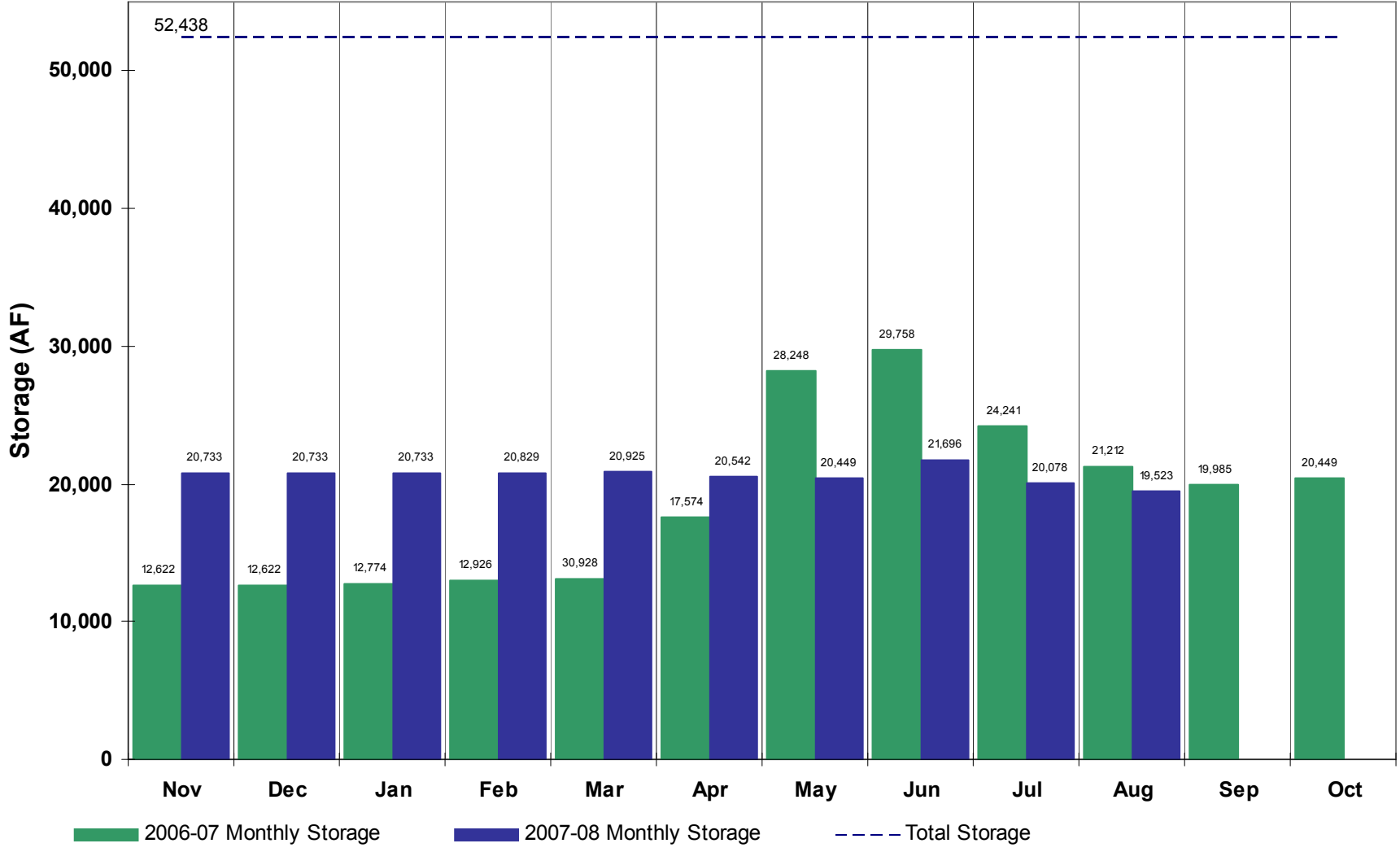
Lower Latham Reservoir

(District 2 - Agricultural)



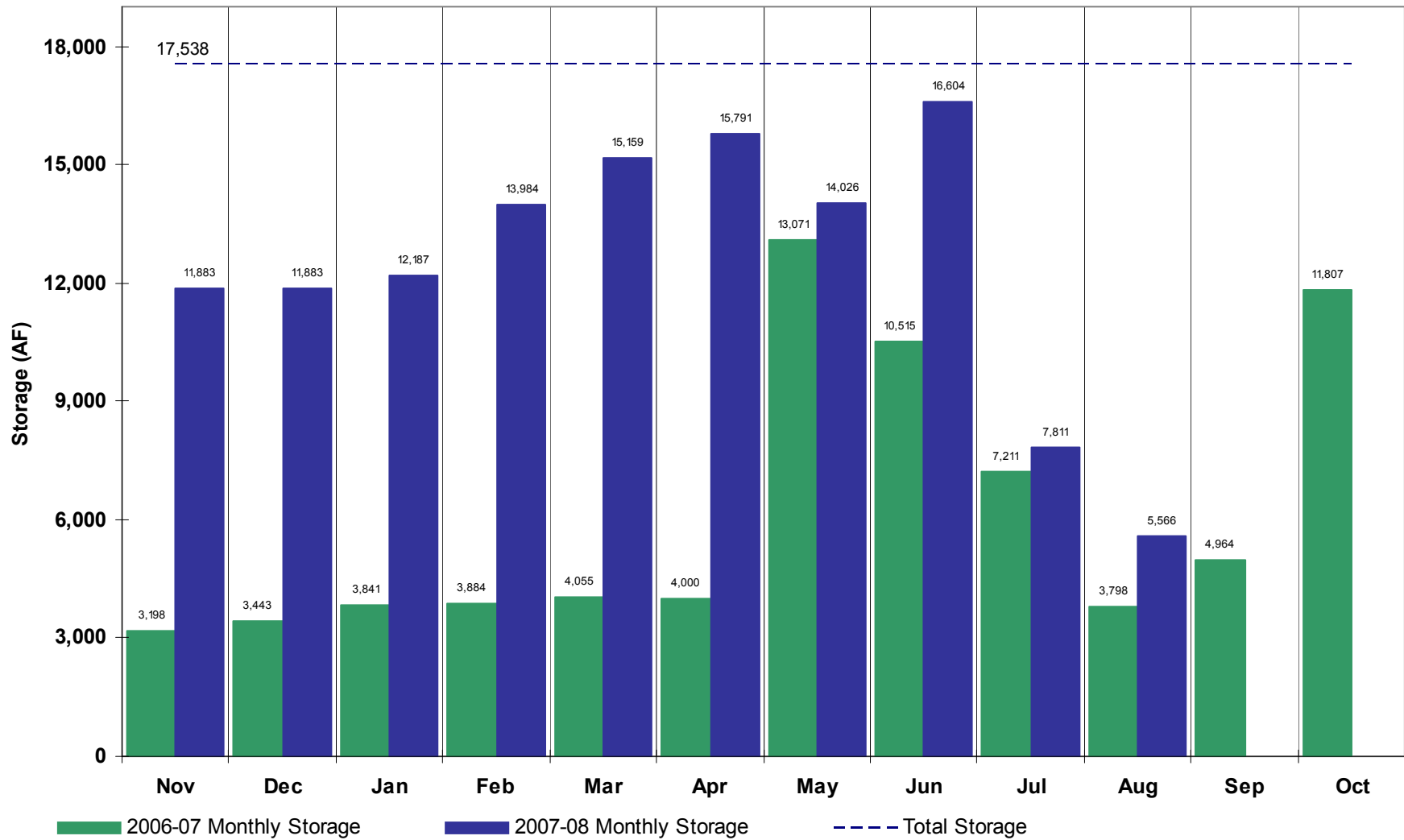
Boyd Lake

(District 4, Big Thompson River - Agricultural)



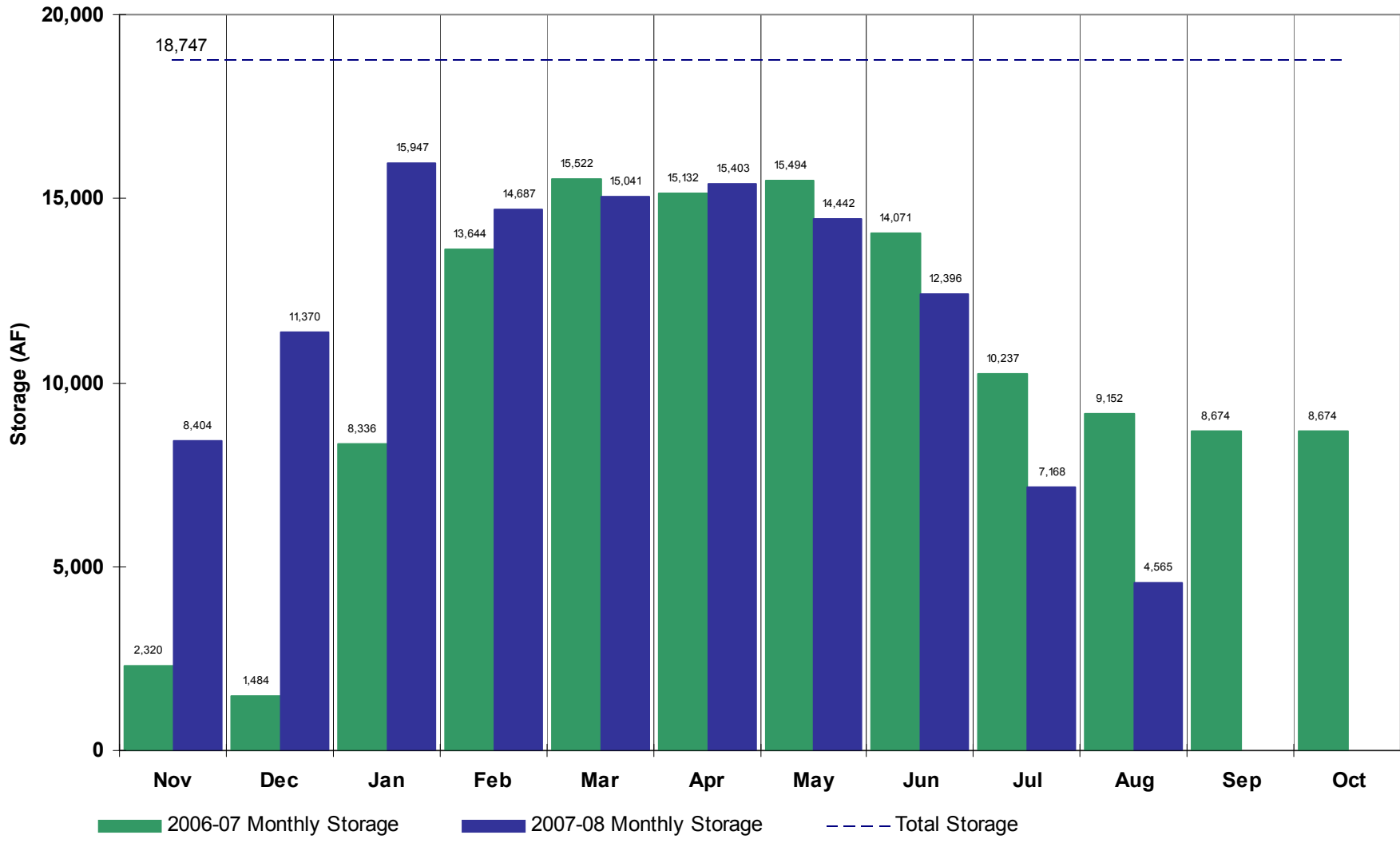
Windsor Reservoir

(District 3, Poudre River - Agricultural)



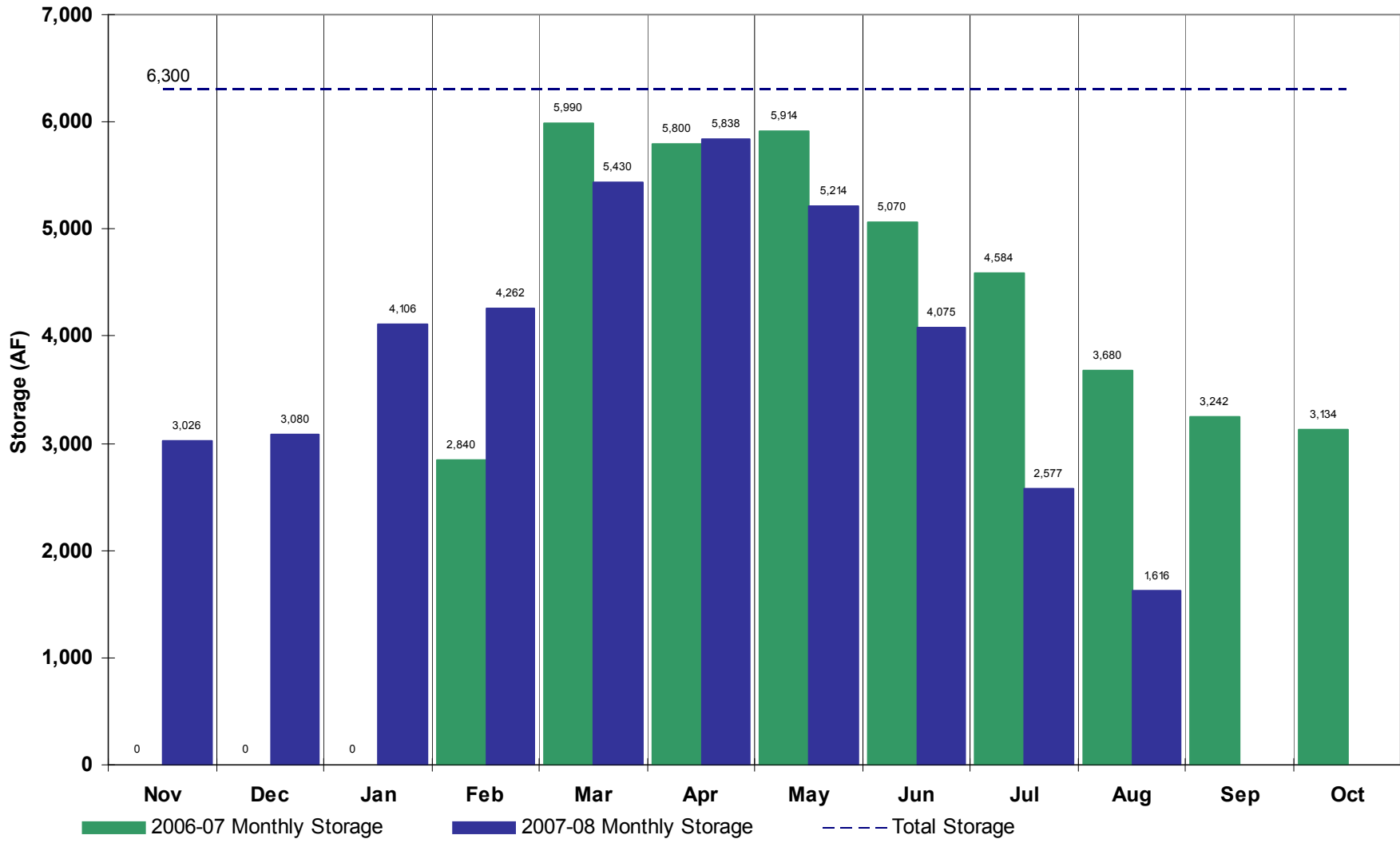
Horse Creek Reservoir

(District 1 - Agricultural)



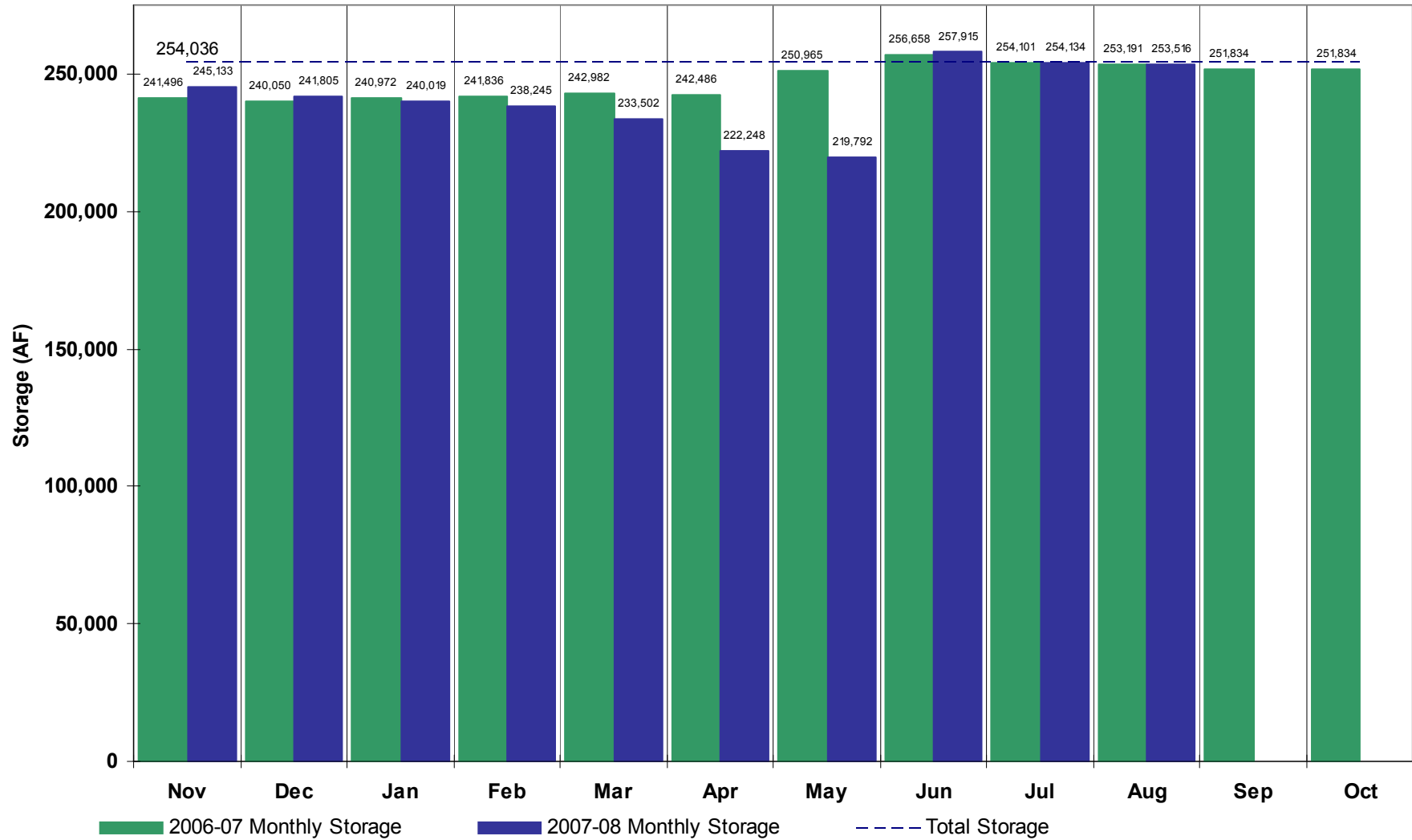
Prospect Reservoir

(District 1- Agricultural)



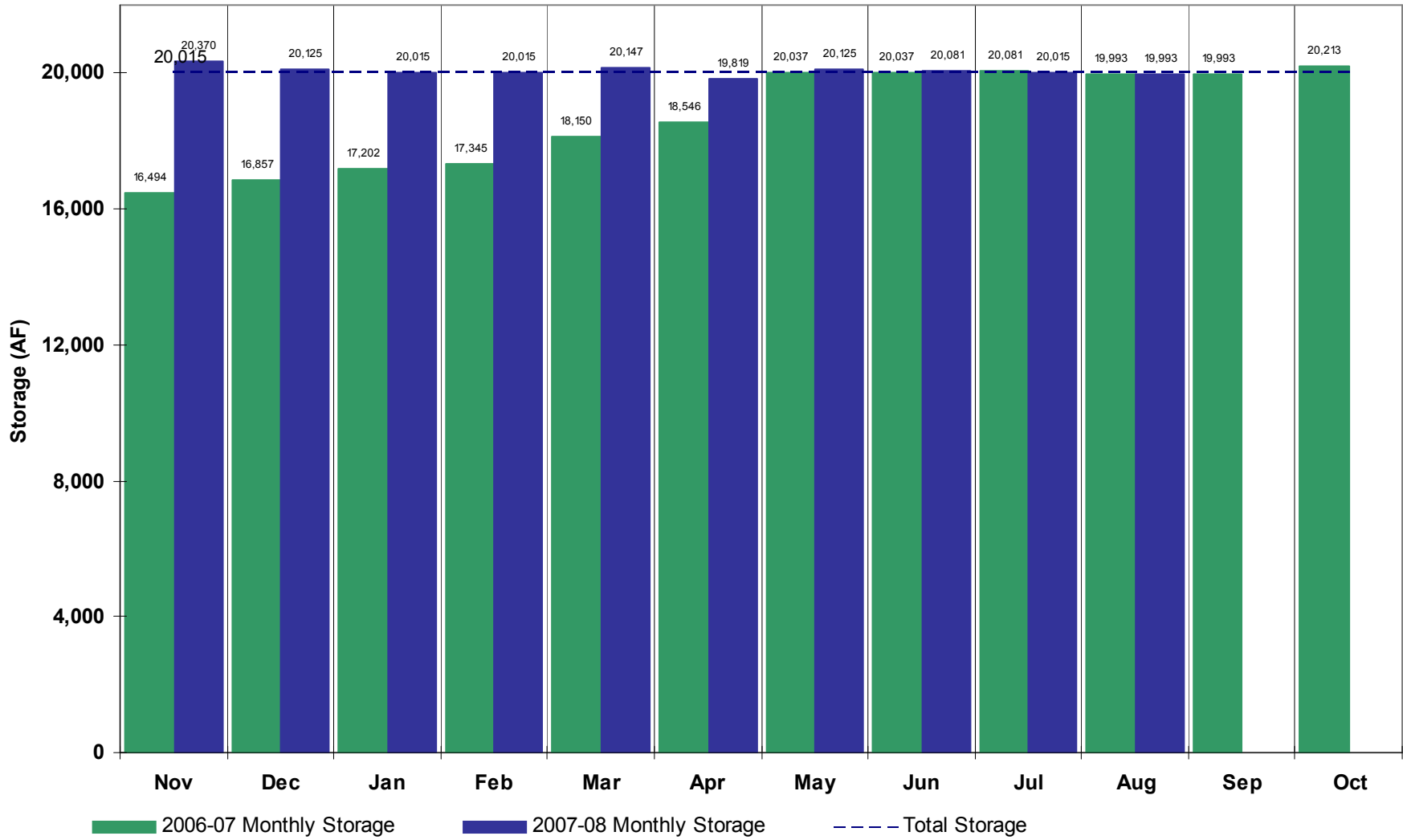
Dillon Reservoir

(Municipal)



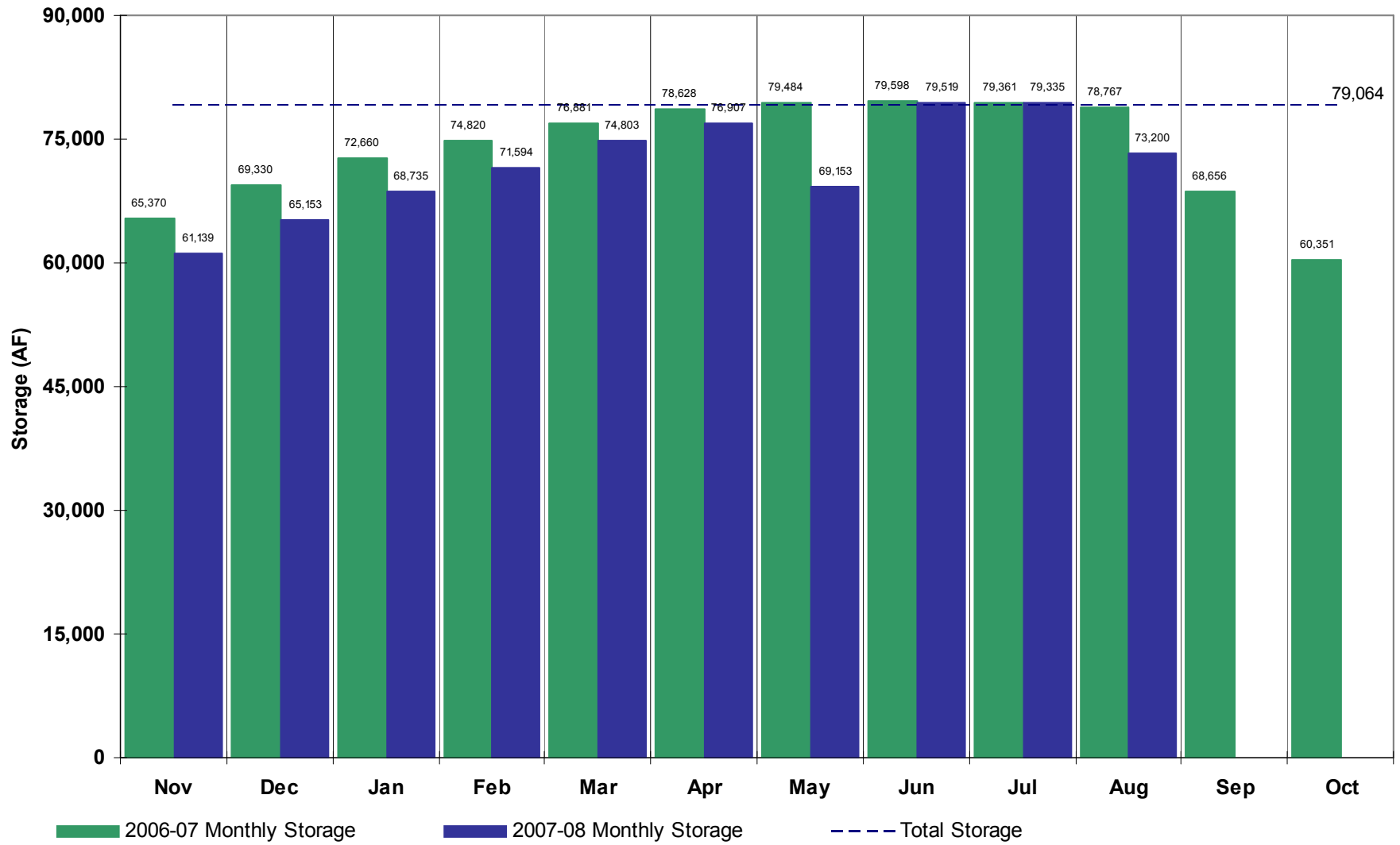
Antero Reservoir

(District 23 - Municipal)



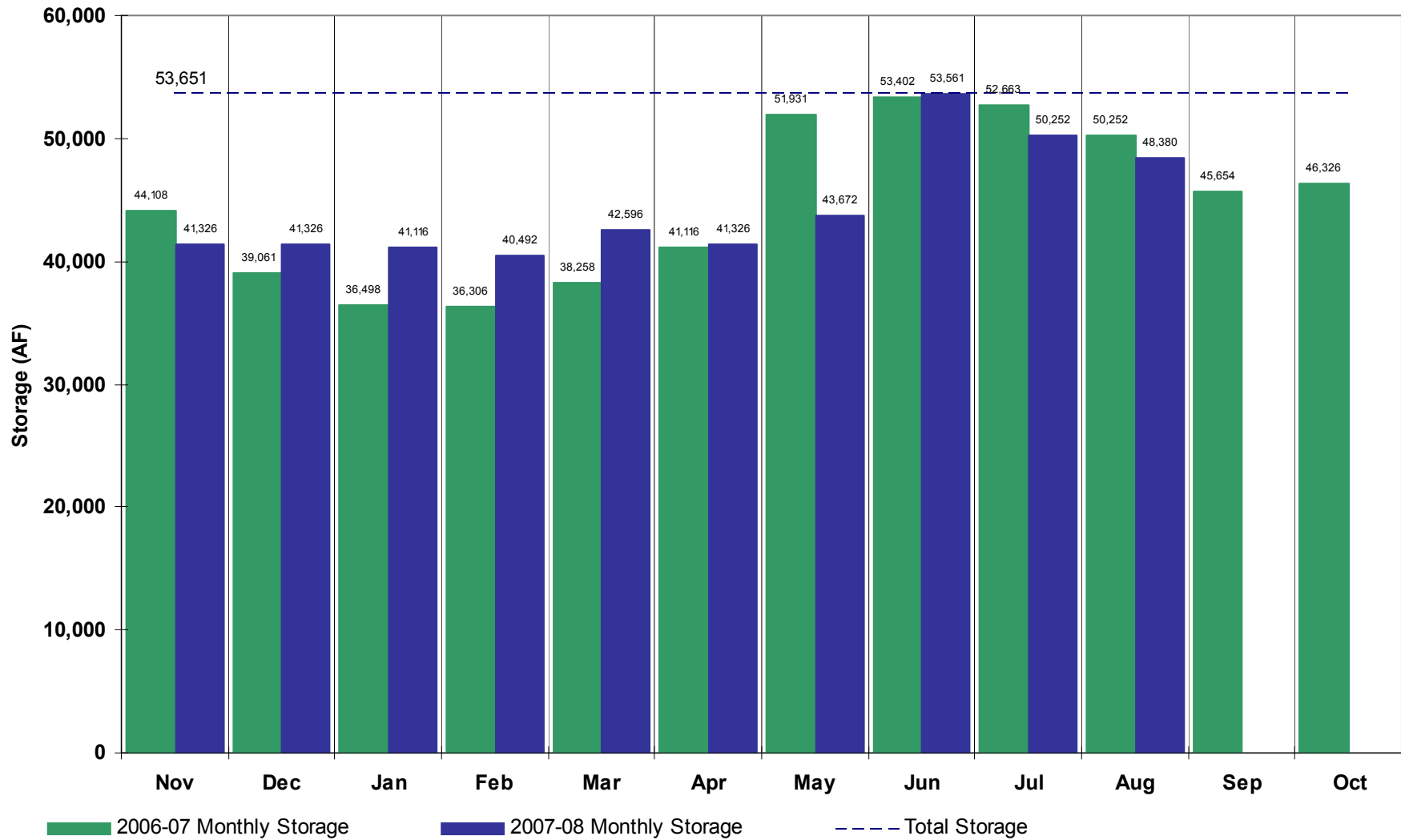
Cheesman Reservoir

(District 80 - Municipal)



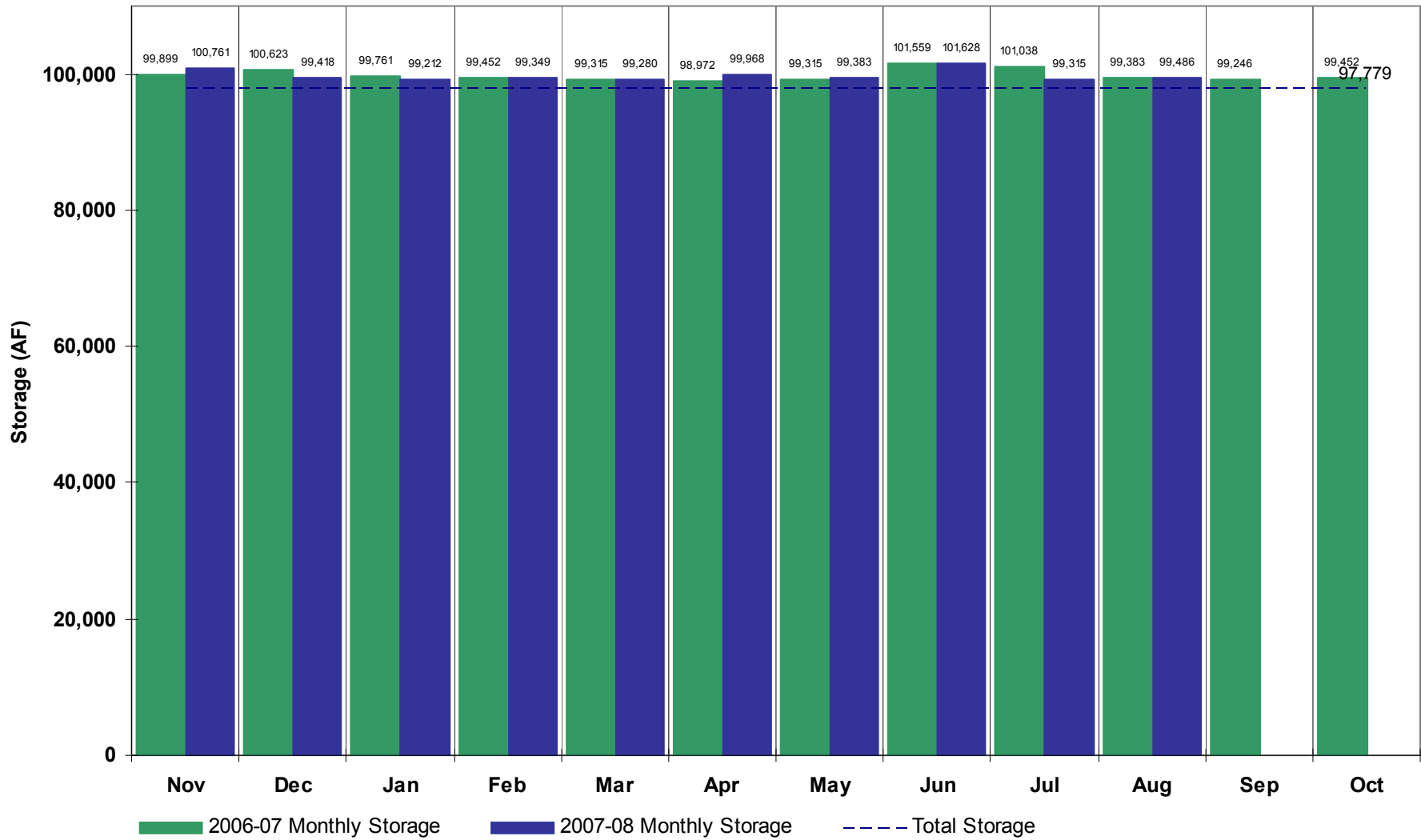
Spinney Mountain Reservoir

(District 23 - Municipal)

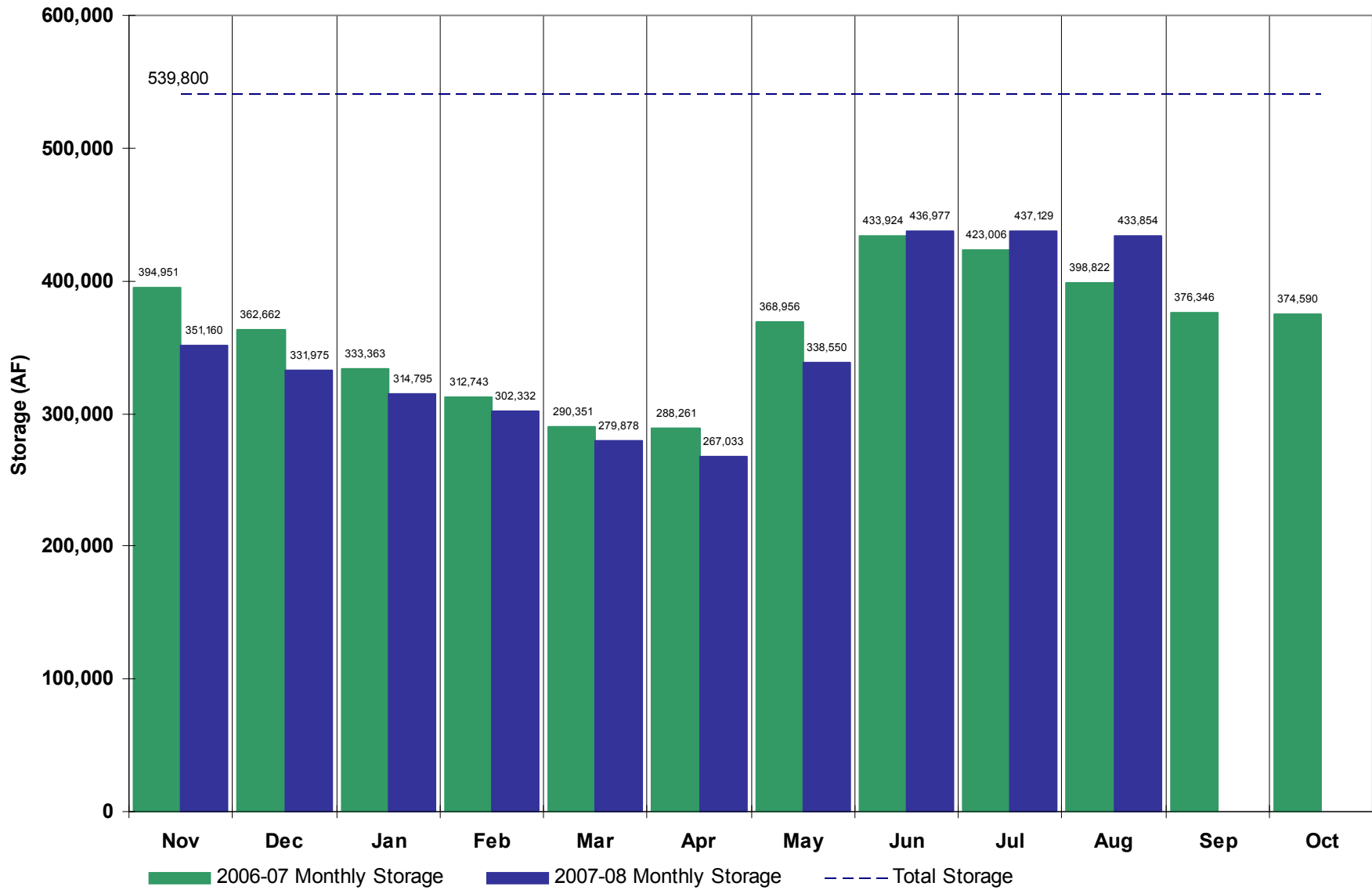


Eleven Mile Reservoir

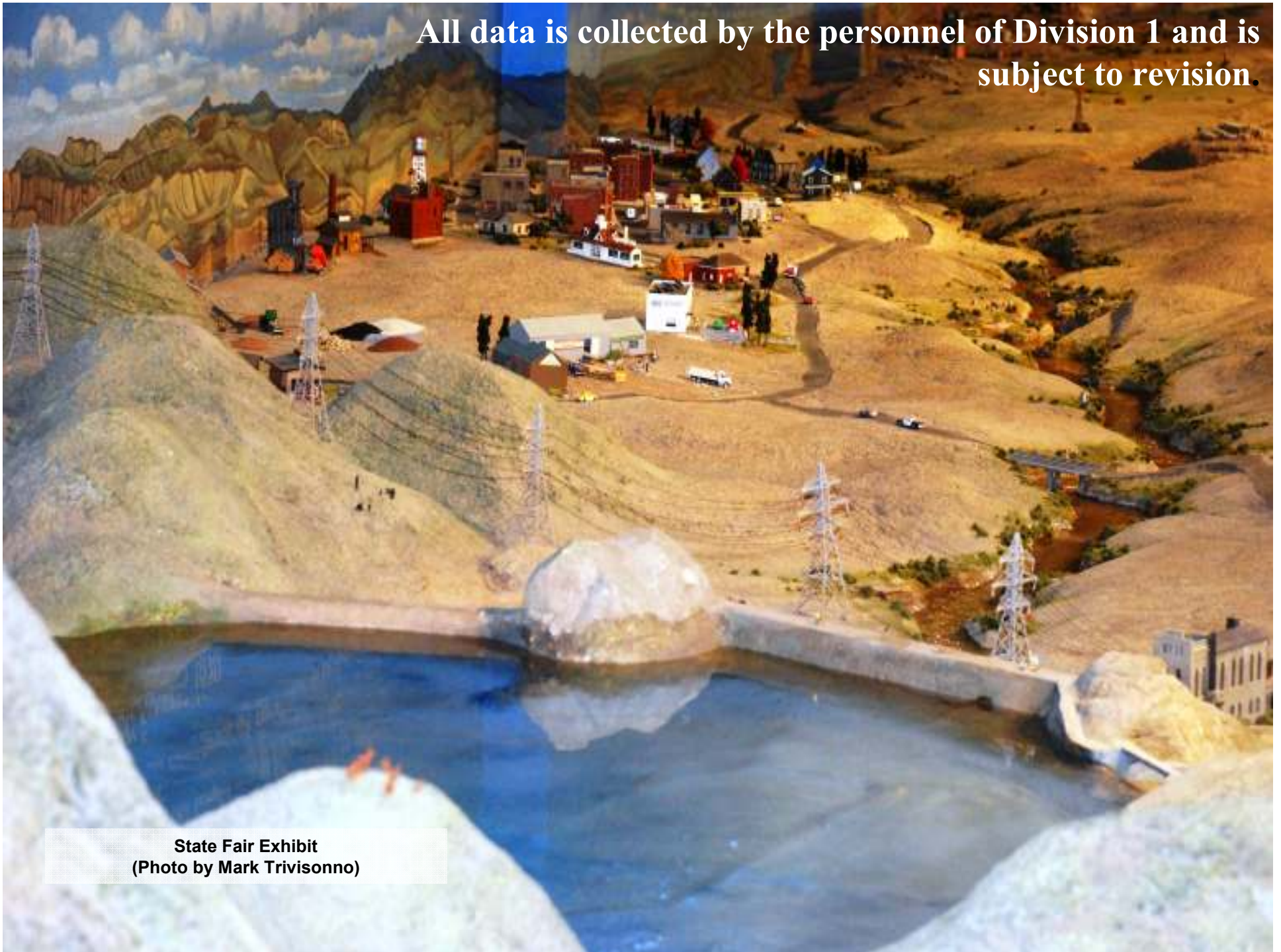
(District 23 - Municipal)



Lake Granby



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



**State Fair Exhibit
(Photo by Mark Trivisonno)**