

South Platte Summary

September 2007



By Jana Ash



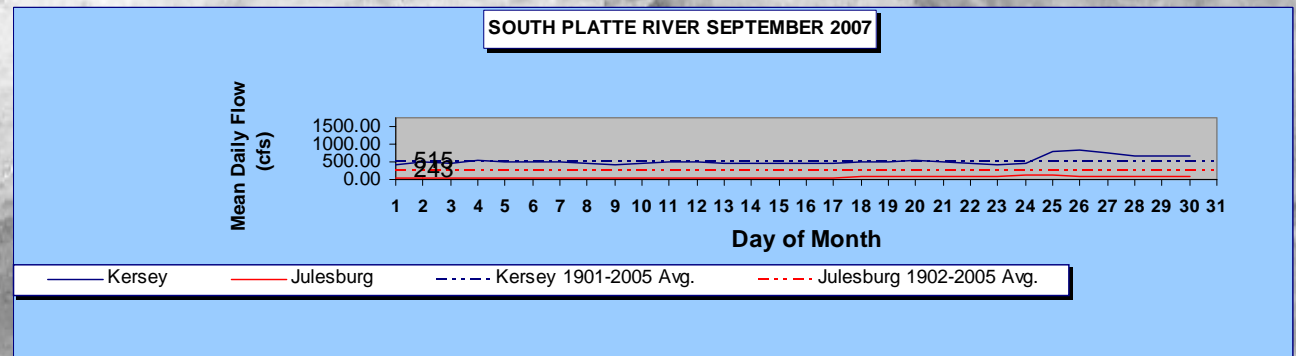
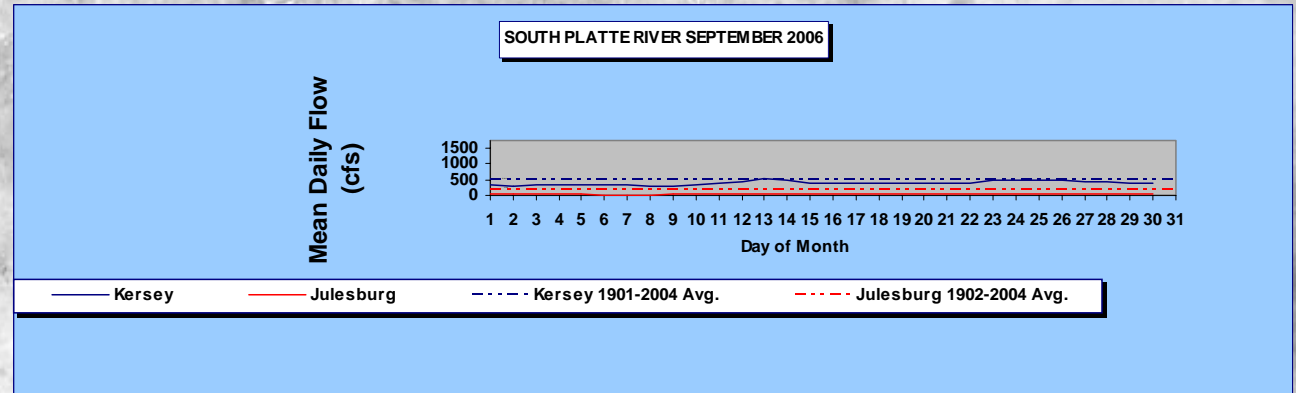
South Platte River above Evans Headgage
(Photo by Claudia Engelmann)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

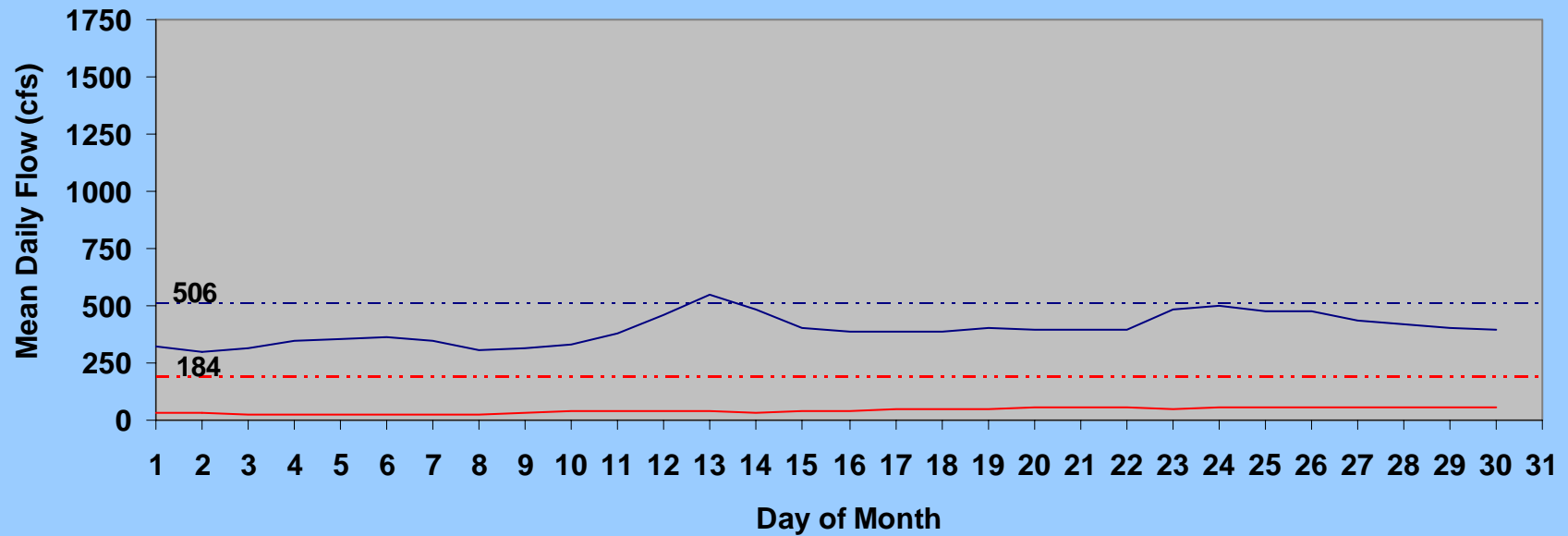
MONTH OF SEPTEMBER 2007

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	11,474	10,414	64	-1,060	-9%	46%	0%	0
N STERLING	73,730	21,147	8,117	64	-13,030	-62%	11%	4%	0
PREWITT	28,500	17,510	13,283	64	-4,227	-24%	47%	16%	0
JACKSON	27,257	17,381	14,445	1	-2,936	-17%	53%	0%	0
EMPIRE	37,700	15,130	11,624	1	-3,506	-23%	31%	0%	0
RIVERSIDE	63,113	27,562	18,625	1	-8,937	-32%	30%	14%	0
BARR LAKE	31,652	19,662	14,308	2	-5,354	-27%	45%	12%	0
CHEESMAN	79,064	78,767	68,656	80	-10,111	-13%	87%	88%	0
ELEVEN MILE	97,779	99,383	99,246	23	-137	0%	100%	100%	1,467
SPINNEY	53,651	50,252	45,654	23	-4,598	-9%	85%	87%	0
ANTERO	20,015	19,993	19,993	23	0	0%	100%	79%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	520
JULESBURG	66
THIS MONTH LAST YEAR	
KERSEY	397
JULESBURG	42
MEAN FOR PERIOD OF RECORD*	
KERSEY	515
JULESBURG	243
* 1901-2005	
1902-2005	

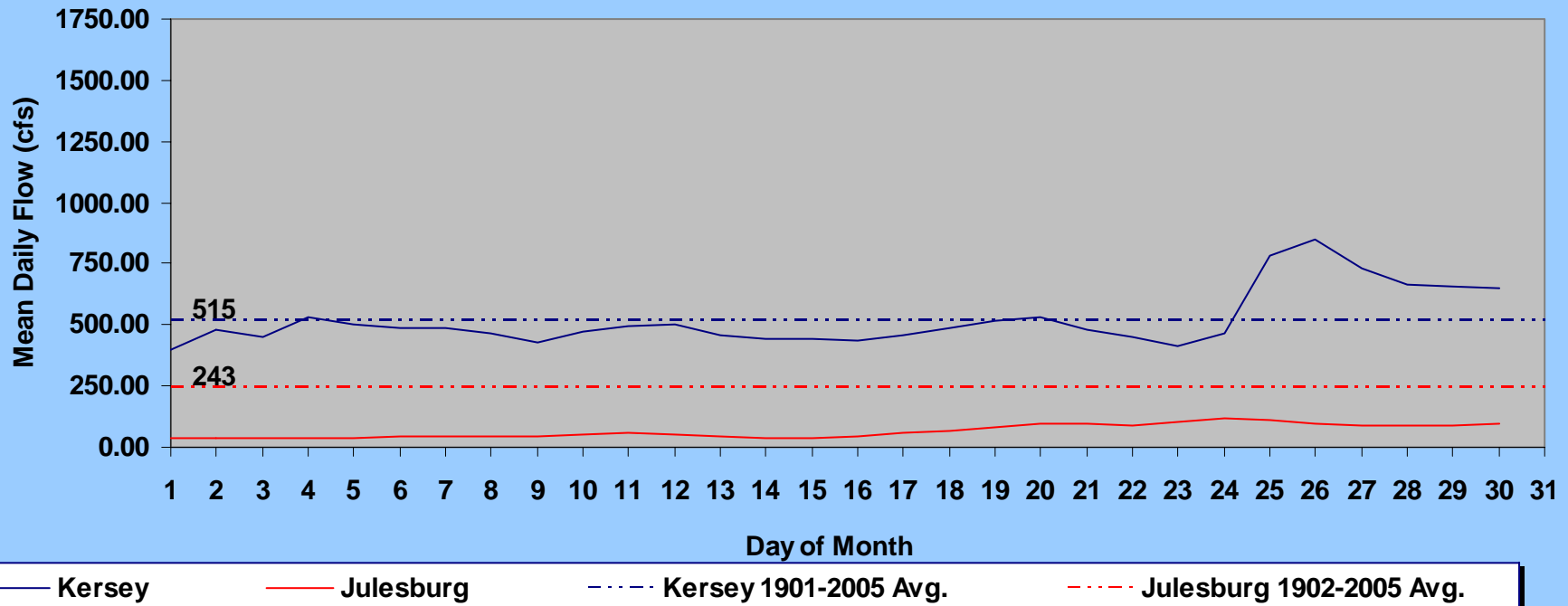


SOUTH PLATTE RIVER SEPTEMBER 2006

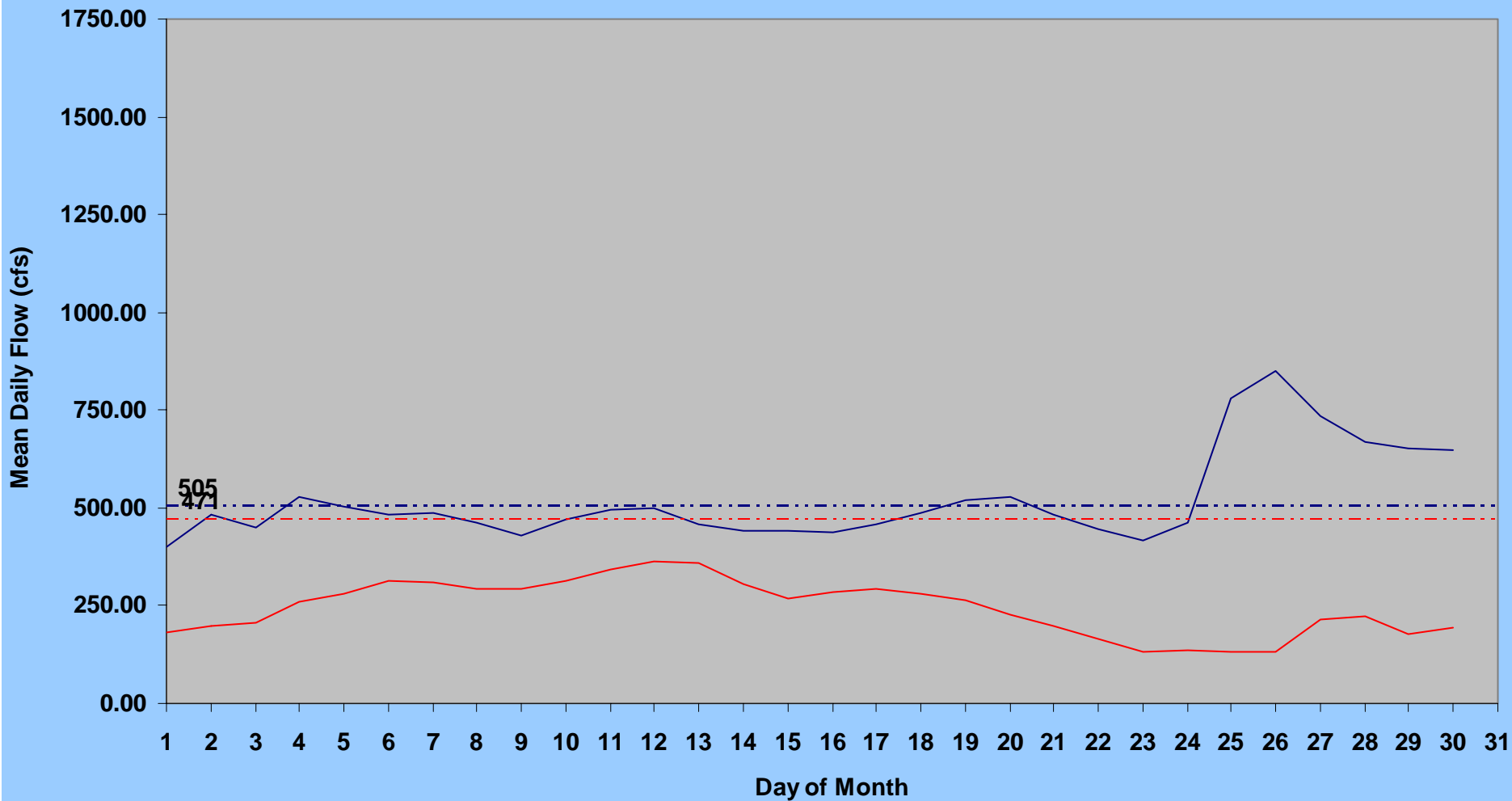


— Kersey — Julesburg - - - Kersey 1901-2004 Avg. - - - Julesburg 1902-2004 Avg.

SOUTH PLATTE RIVER SEPTEMBER 2007

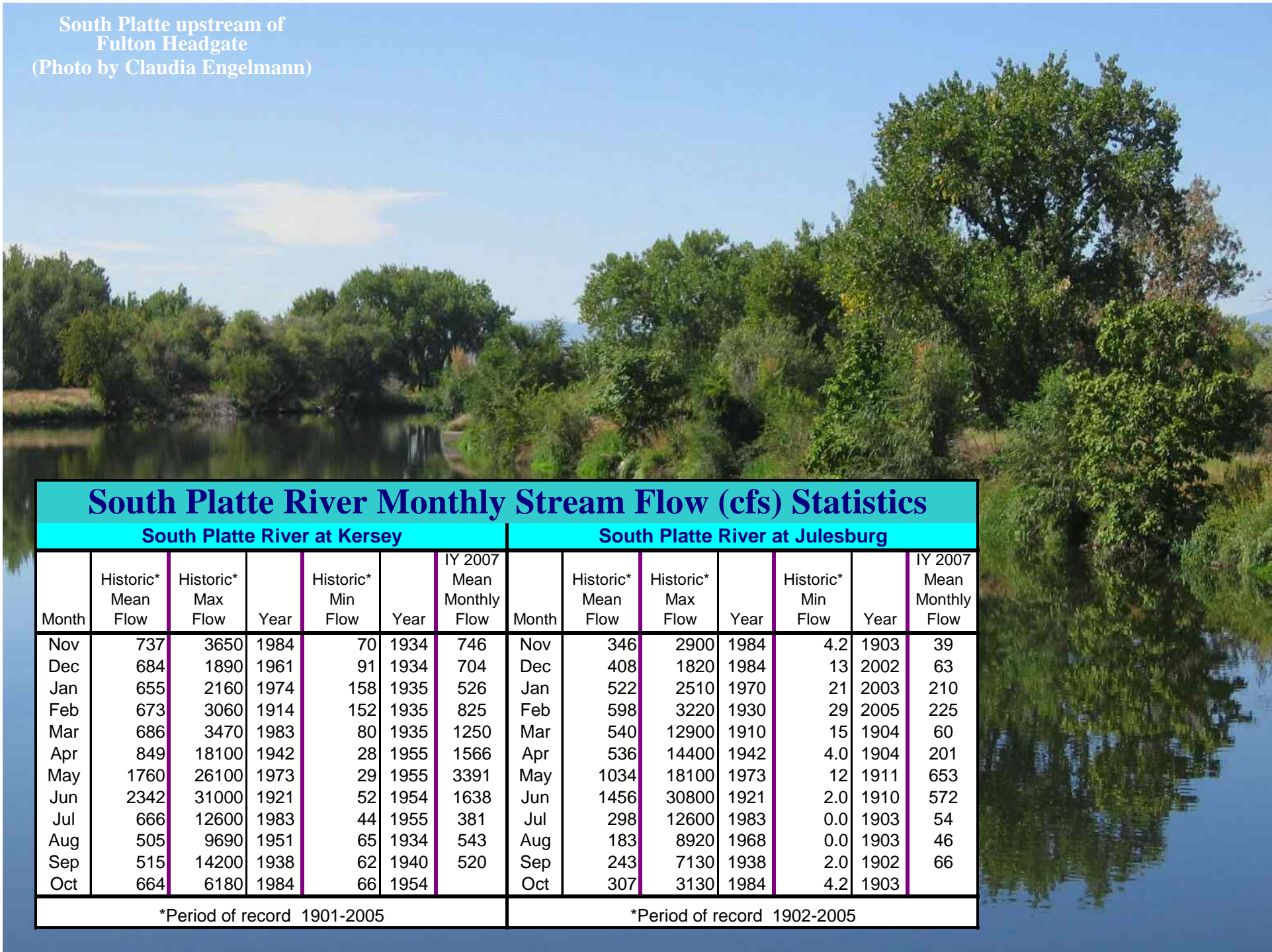


KERSEY and BALZAC SEPTEMBER 2007



— Kersey — Balzac - - - Kersey 1901-2005 Avg. - - - Balzac 1988-2005 Avg.

South Platte upstream of
Fulton Headgate
(Photo by Claudia Engelmann)

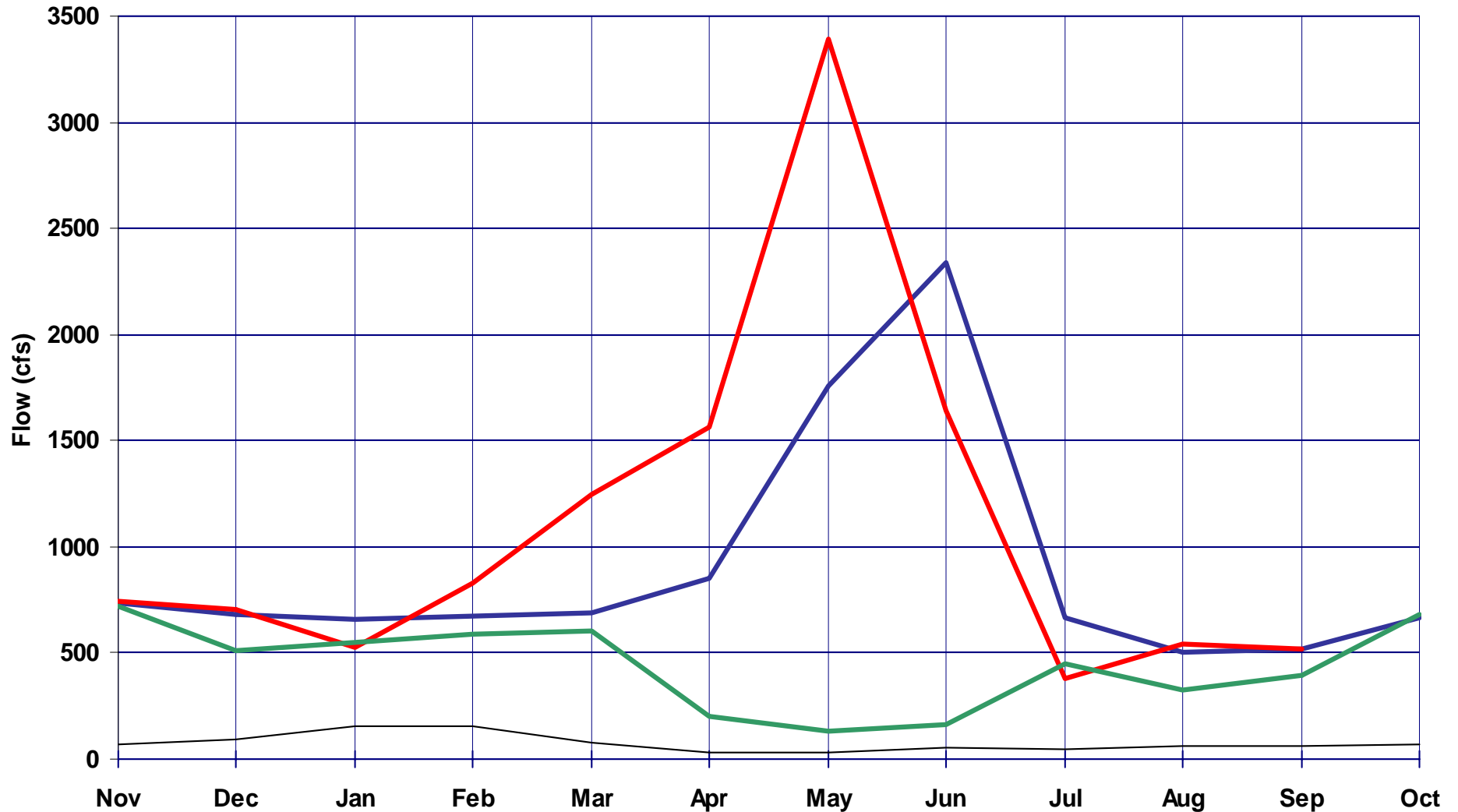


South Platte River Monthly Stream Flow (cfs) Statistics

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	655	2160	1974	158	1935	526	Jan	522	2510	1970	21	2003	210
Feb	673	3060	1914	152	1935	825	Feb	598	3220	1930	29	2005	225
Mar	686	3470	1983	80	1935	1250	Mar	540	12900	1910	15	1904	60
Apr	849	18100	1942	28	1955	1566	Apr	536	14400	1942	4.0	1904	201
May	1760	26100	1973	29	1955	3391	May	1034	18100	1973	12	1911	653
Jun	2342	31000	1921	52	1954	1638	Jun	1456	30800	1921	2.0	1910	572
Jul	666	12600	1983	44	1955	381	Jul	298	12600	1983	0.0	1903	54
Aug	505	9690	1951	65	1934	543	Aug	183	8920	1968	0.0	1903	46
Sep	515	14200	1938	62	1940	520	Sep	243	7130	1938	2.0	1902	66
Oct	664	6180	1984	66	1954		Oct	307	3130	1984	4.2	1903	
*Period of record 1901-2005							*Period of record 1902-2005						

South Platte River at Kersey

Irrigation Water Year



— Historic* Mean Flow
*1901-2005

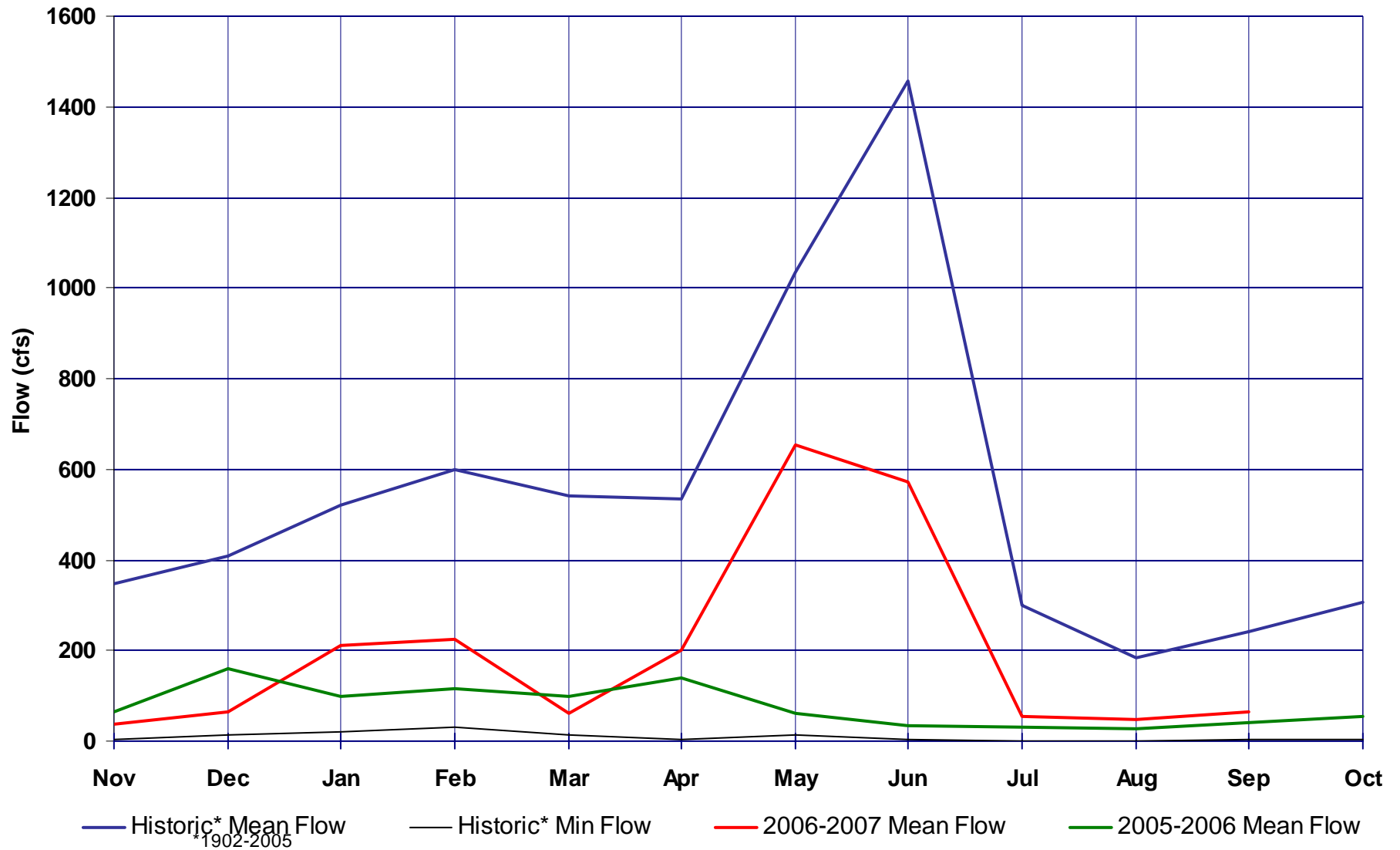
— Historic* Min Flow

— 2006-2007 Mean Flow

— 2005-2006 Mean Flow

South Platte River at Julesburg

Irrigation Water Year



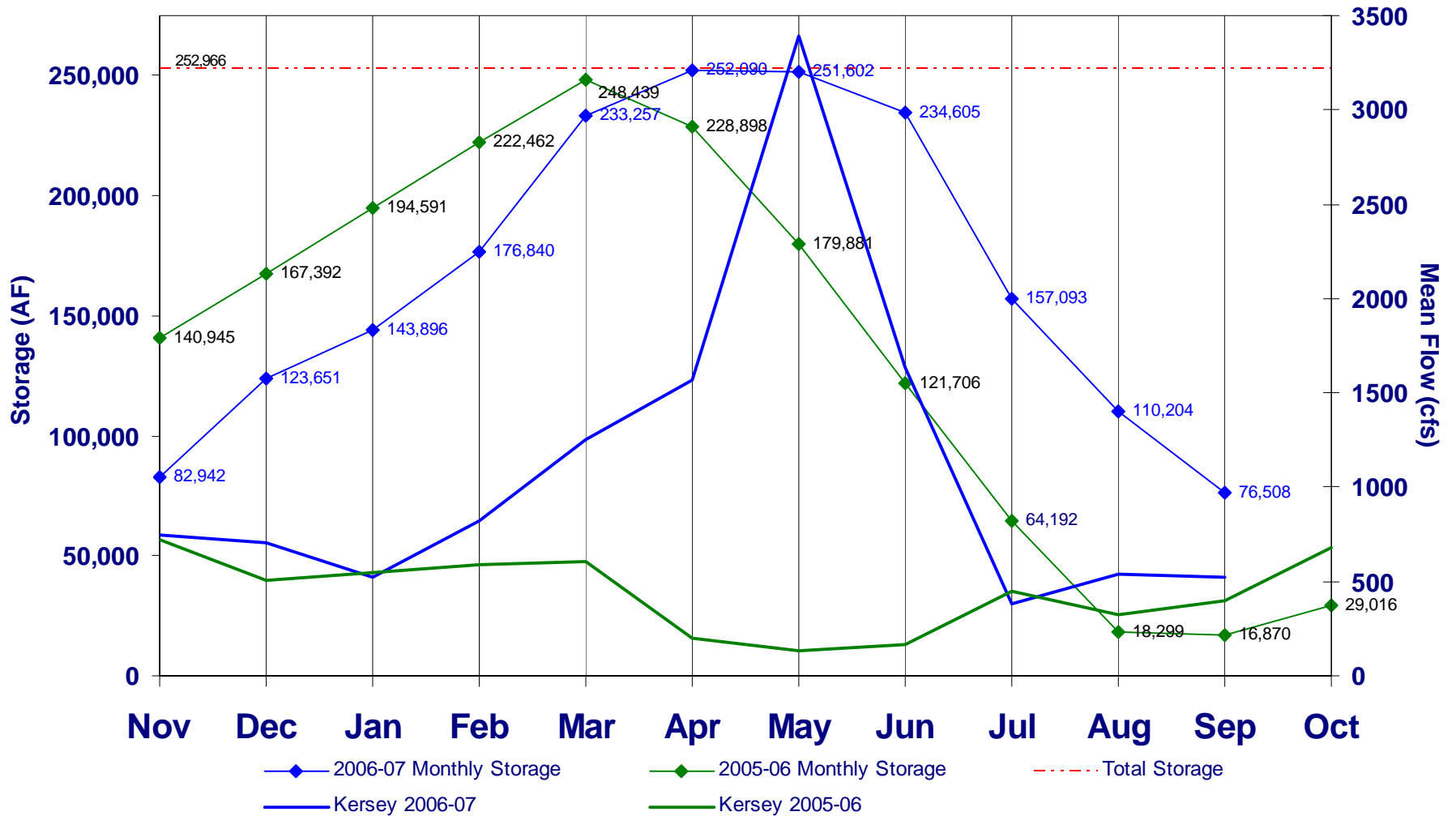
A photograph of a river with a dam and a rocky stream bed. The dam is a long, low concrete structure with water flowing over it. In the foreground, there is a concrete structure with a metal railing. The river is surrounded by green trees and vegetation. The sky is blue.

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

**South Platte downstream of Fulton
Headgate
(Photo Claudia Engelmann)**

Reservoir Storage below Kersey

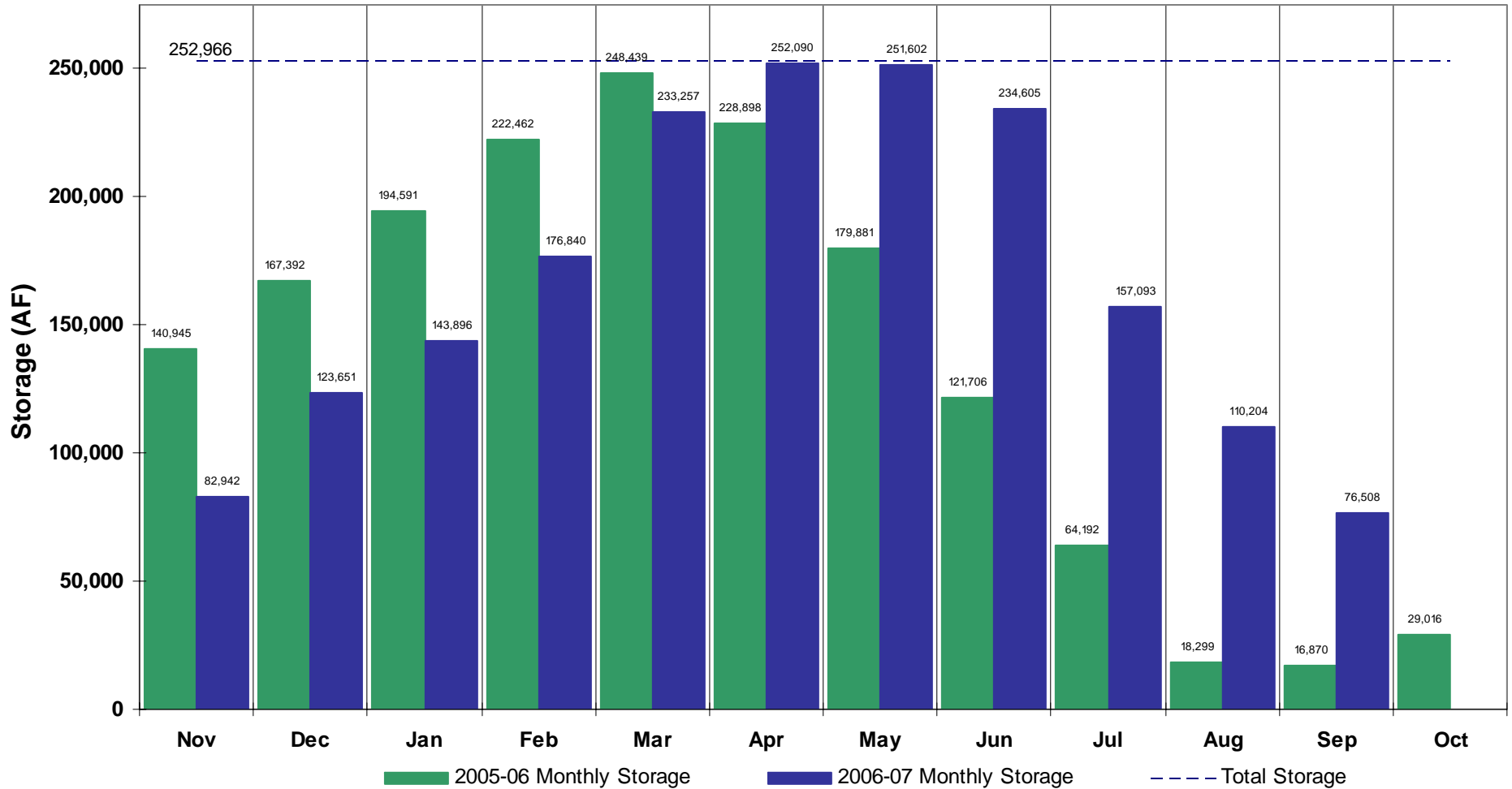
Selected Reservoirs*



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

South Platte Reservoirs

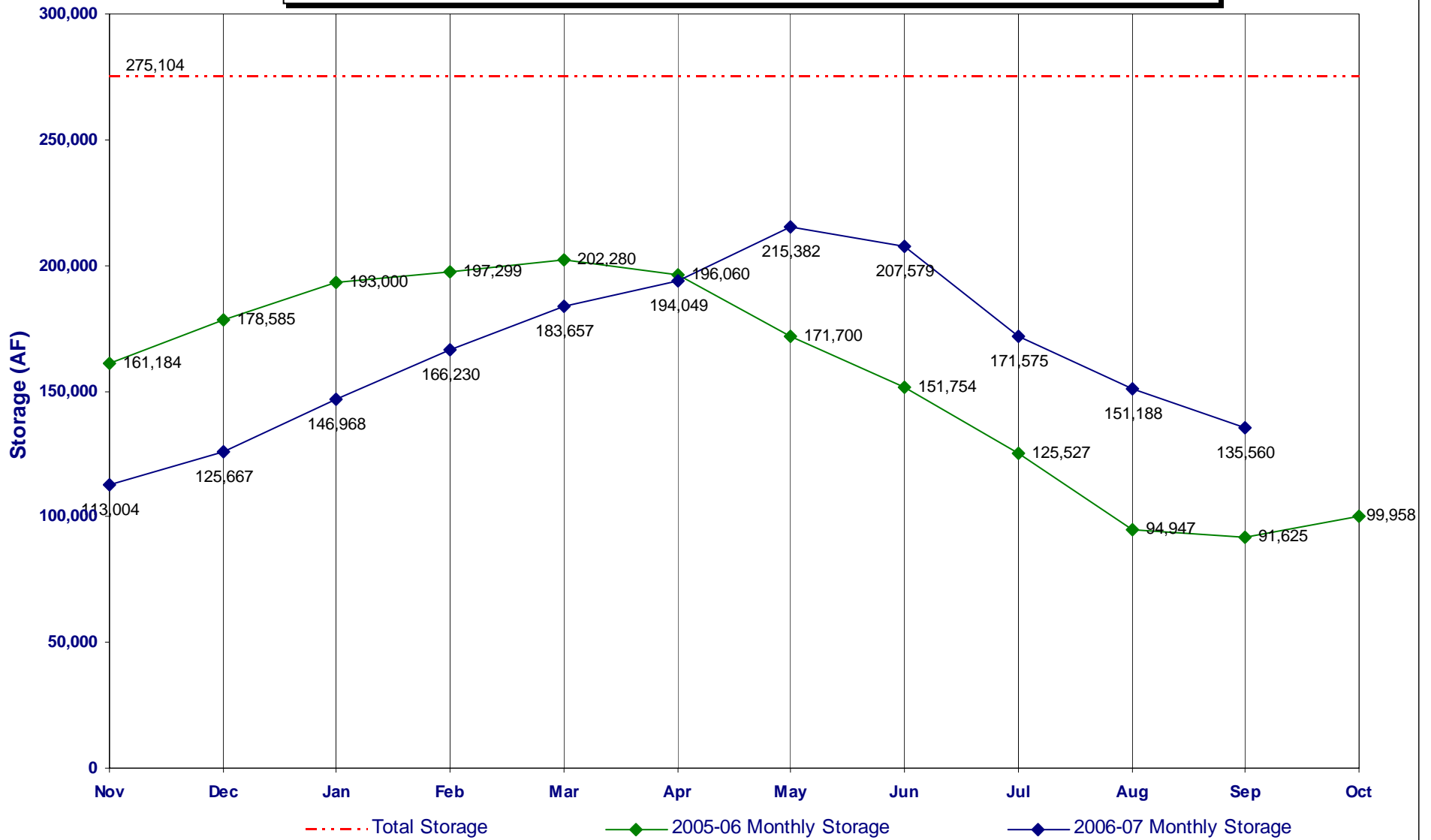
Storage below Kersey*



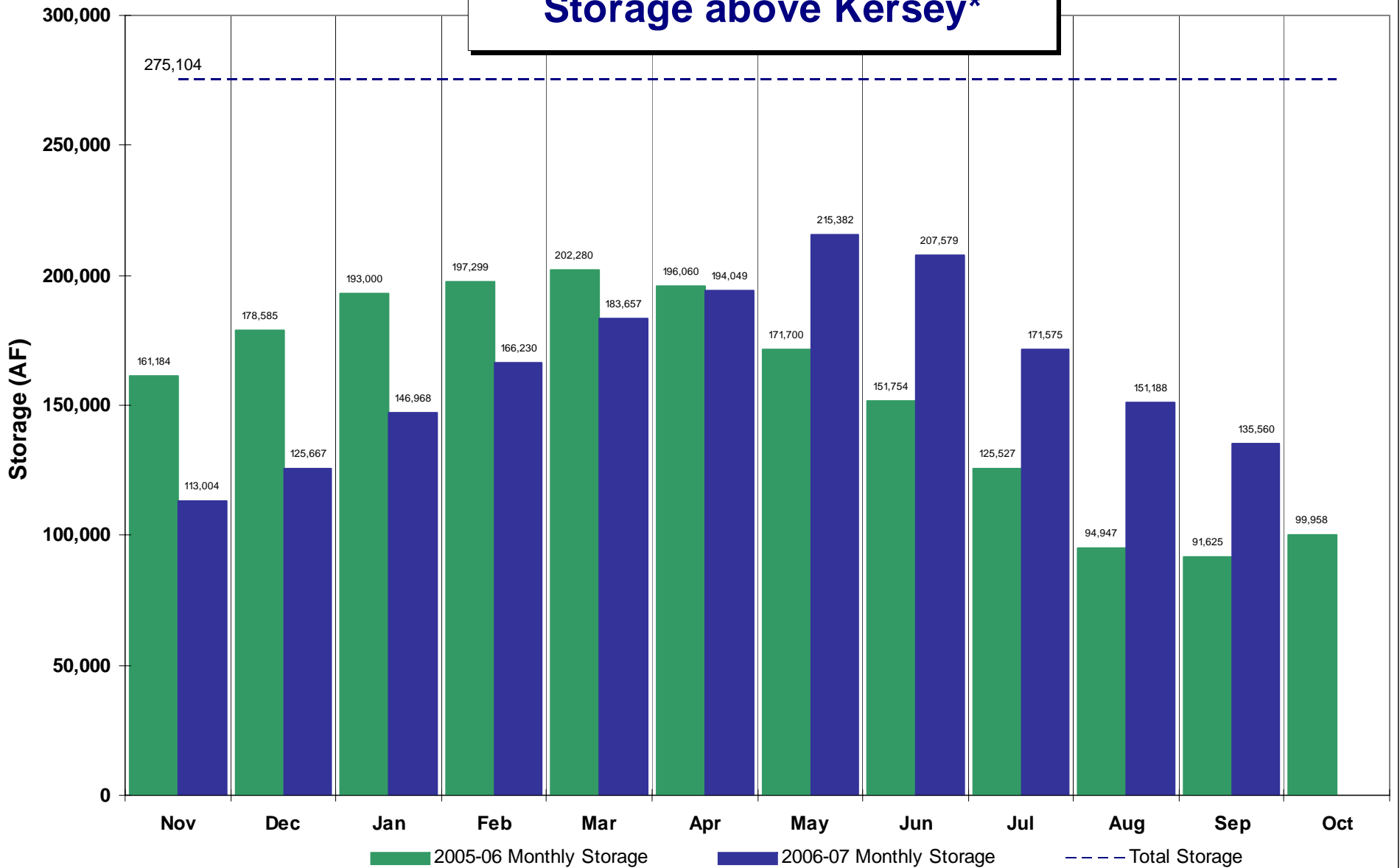
*Empire, Riverside, Jackson, Prewitt, North Sterling, & Julesburg

Reservoir Storage above Kersey

Selected Reservoirs*



South Platte Reservoirs Storage above Kersey*



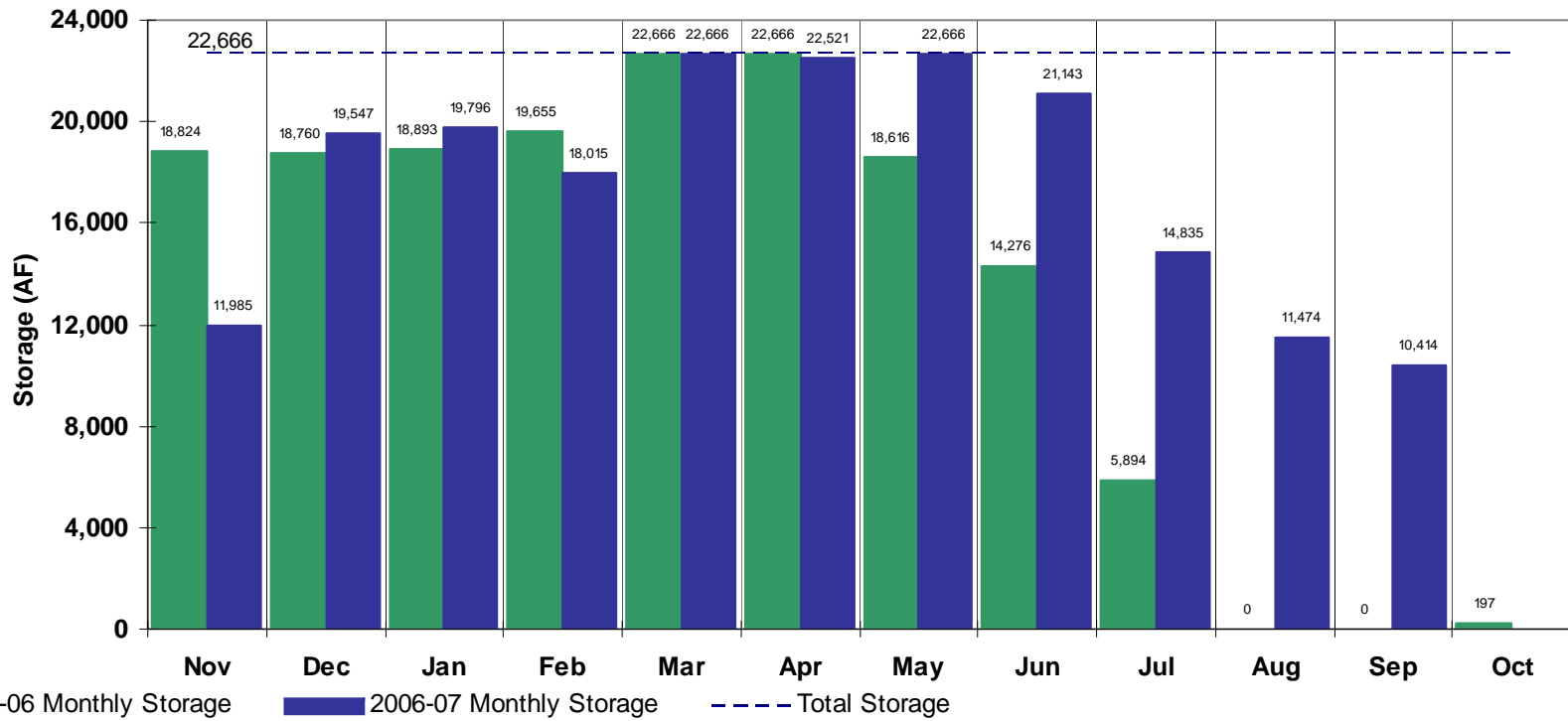
Individual Reservoir Storage Follows



Sand Hill Lake
(Photo by Claudia Engelmann)

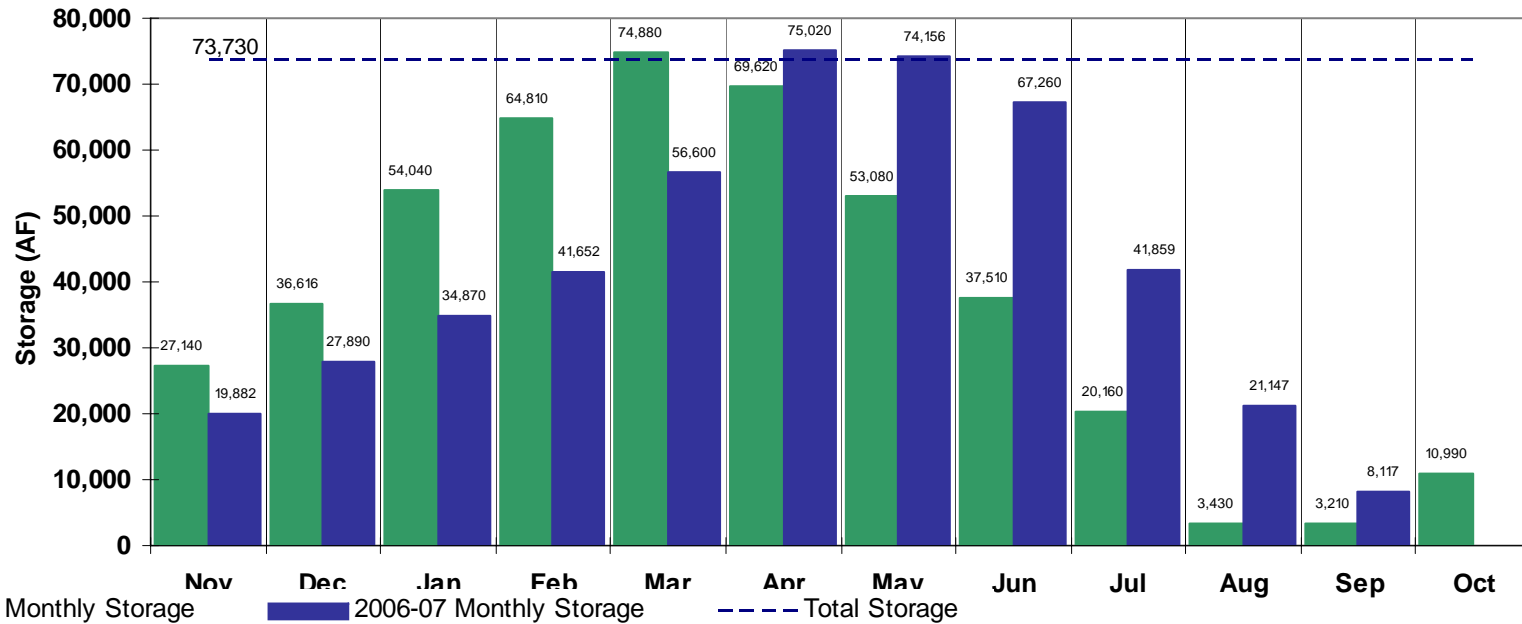
Julesburg Reservoir

(District 64 - Agricultural)



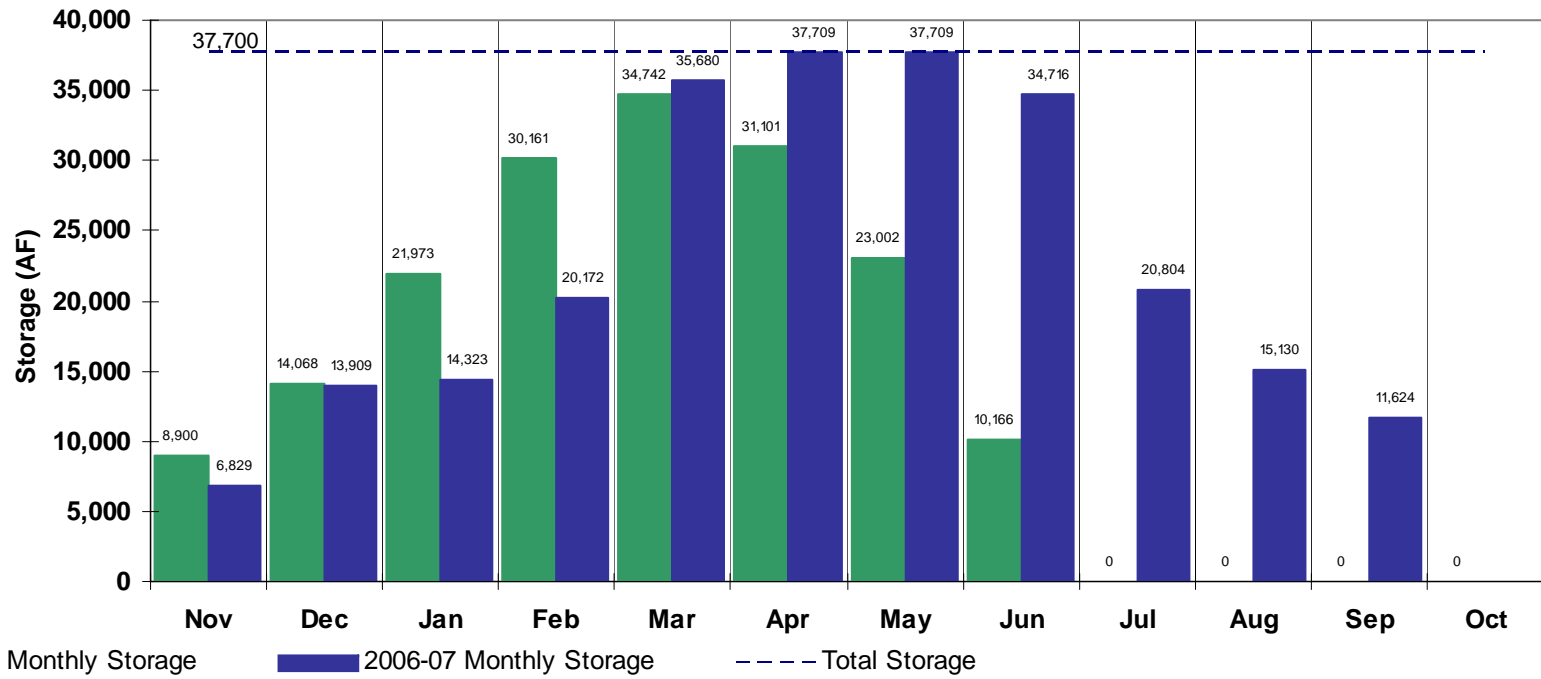
North Sterling Reservoir

(District 64- Agricultural)



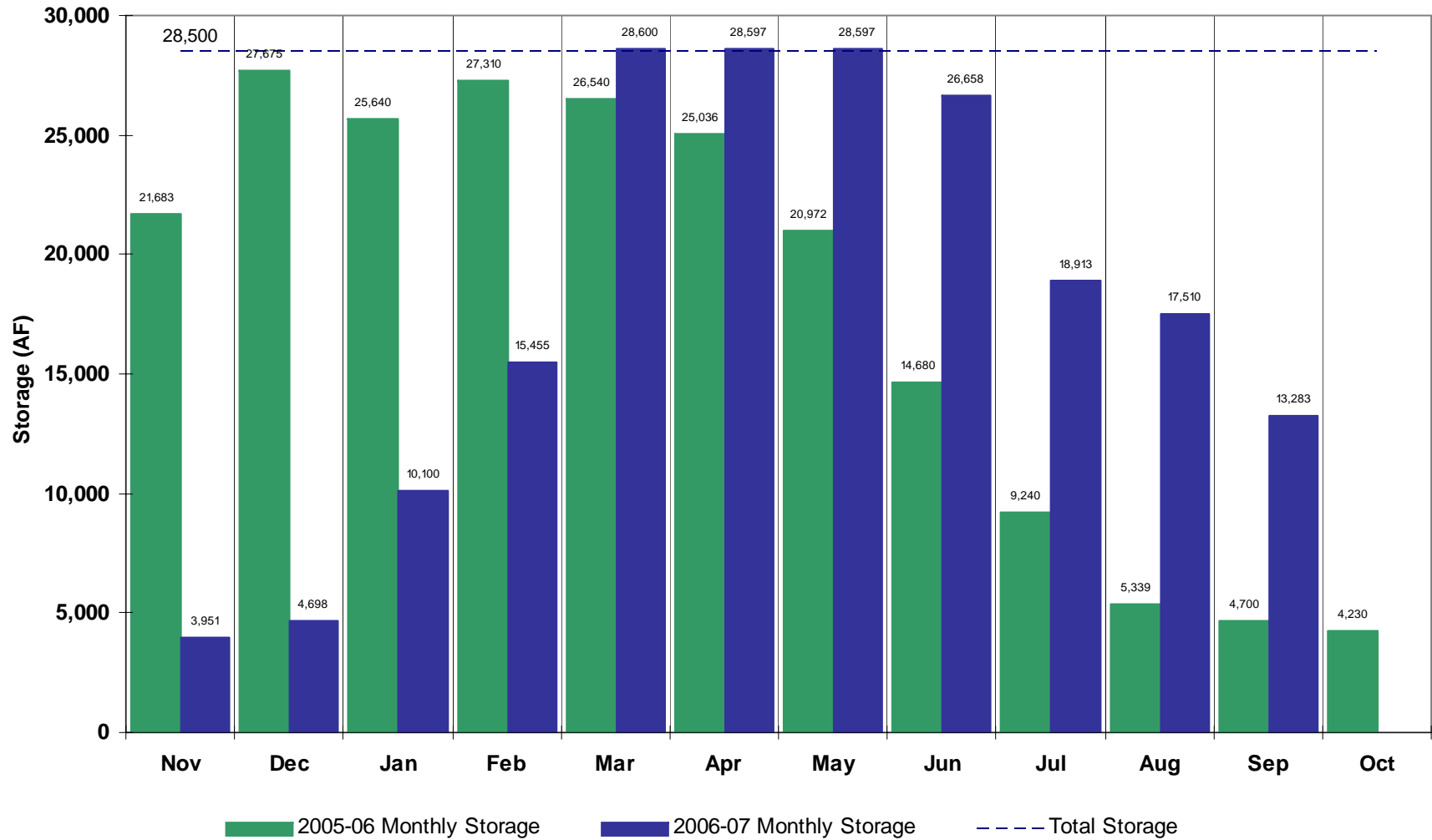
Empire Reservoir

(District 1- Agricultural)



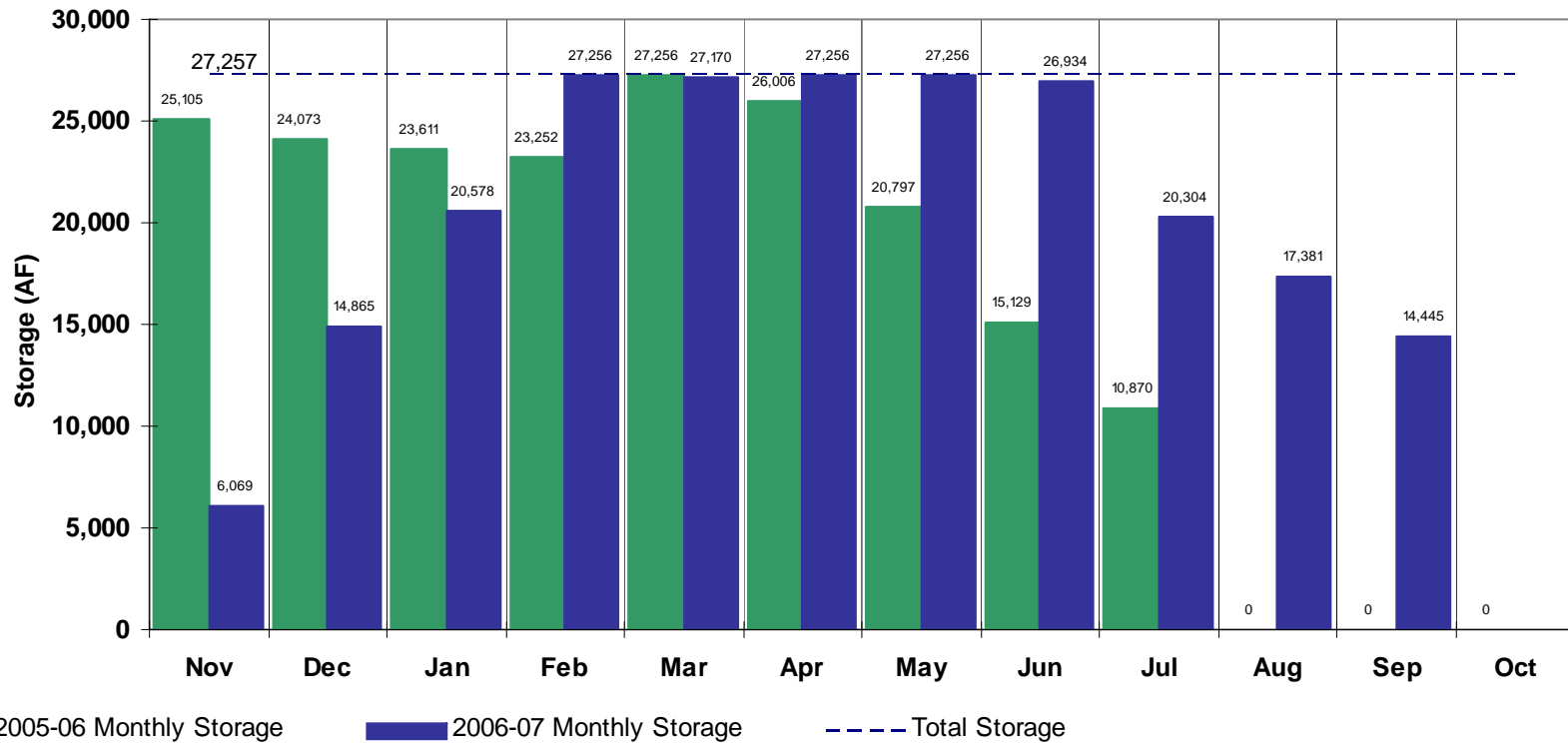
Prewitt Reservoir

(District 64- Agricultural)



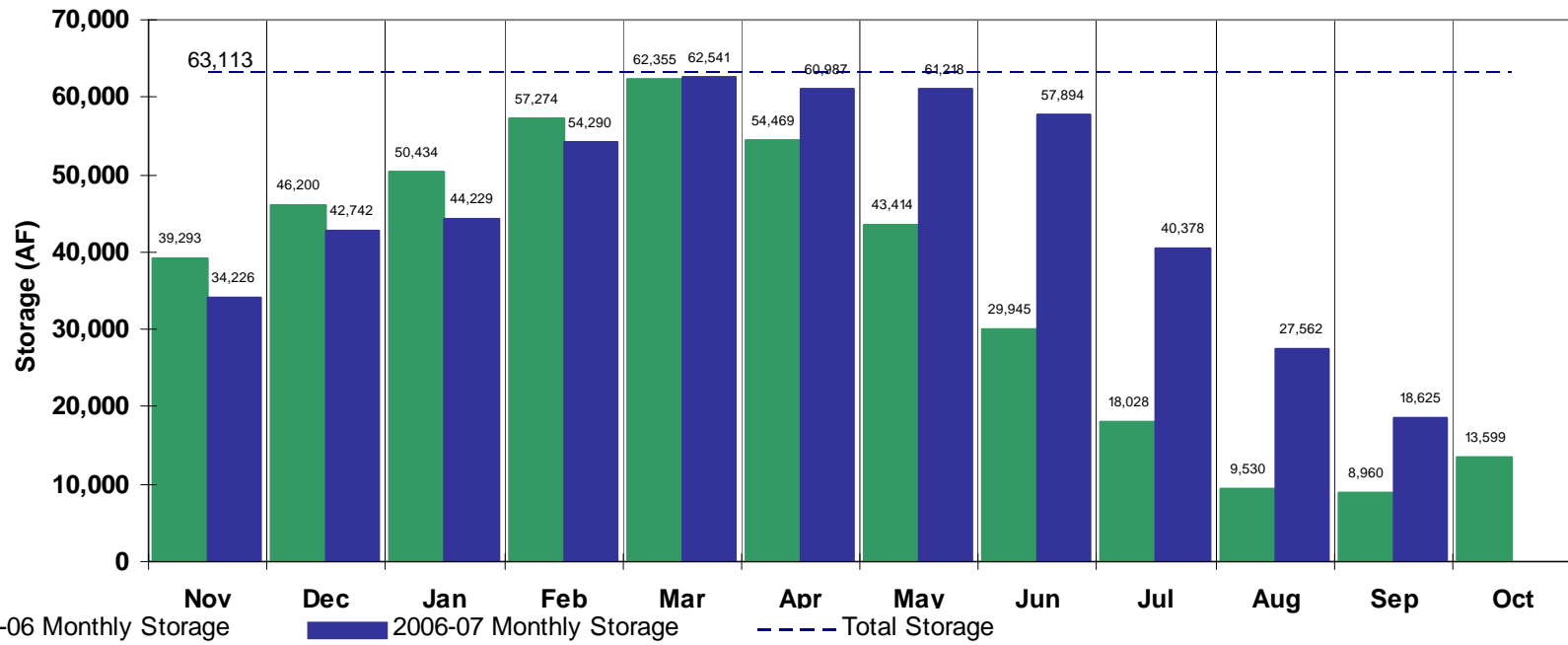
Jackson Reservoir

(District 1- Agricultural)



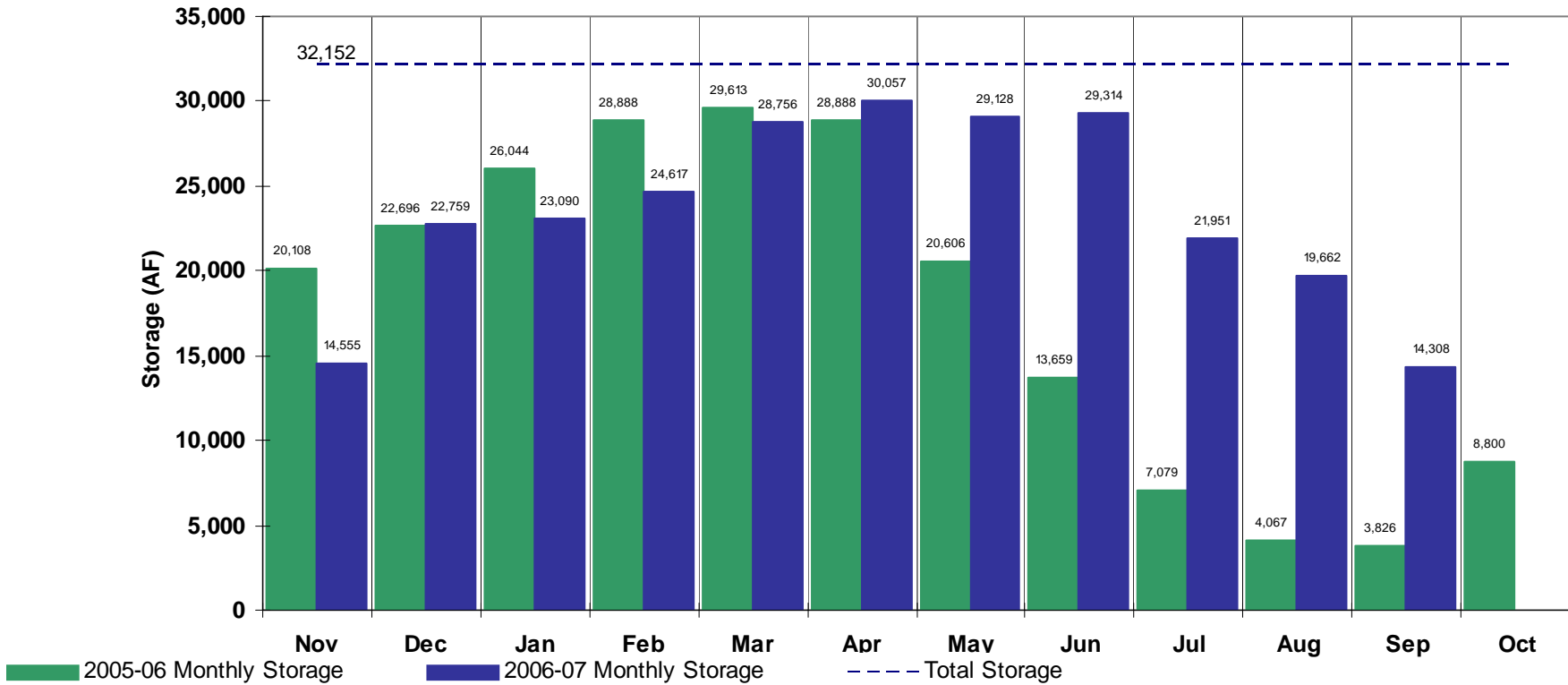
Riverside Reservoir

(District 1 - Agricultural)



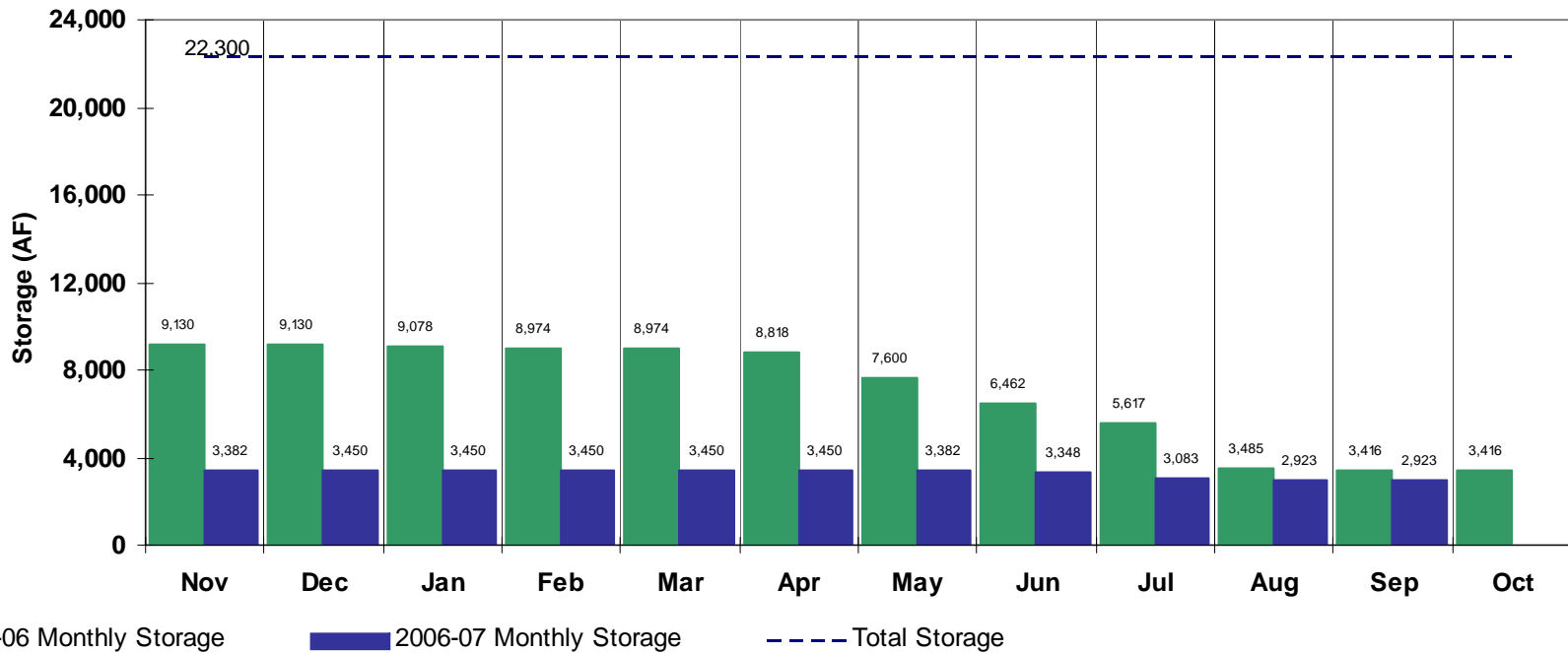
Barr Lake

(District 2 - Agricultural)



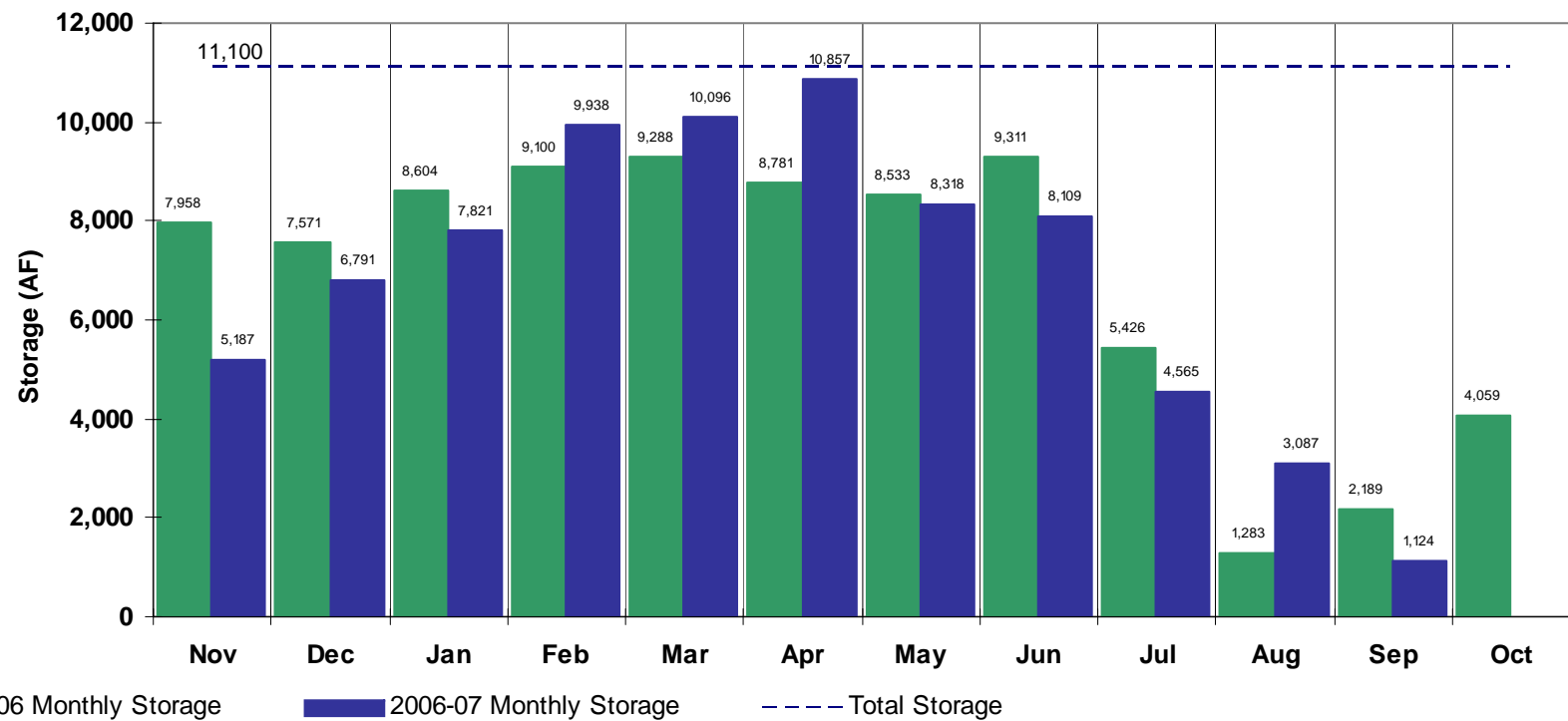
Cobb Lake

(District 3, Poudre River - Agricultural)



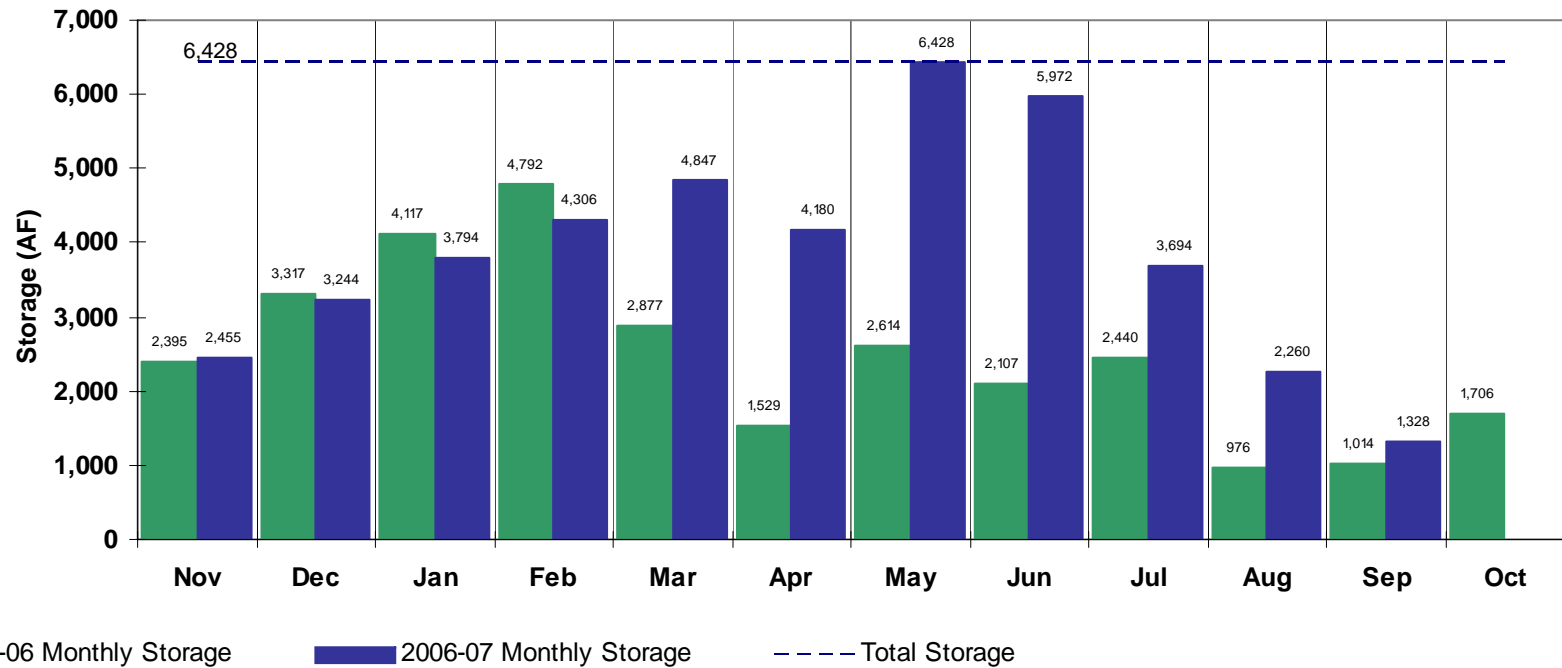
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



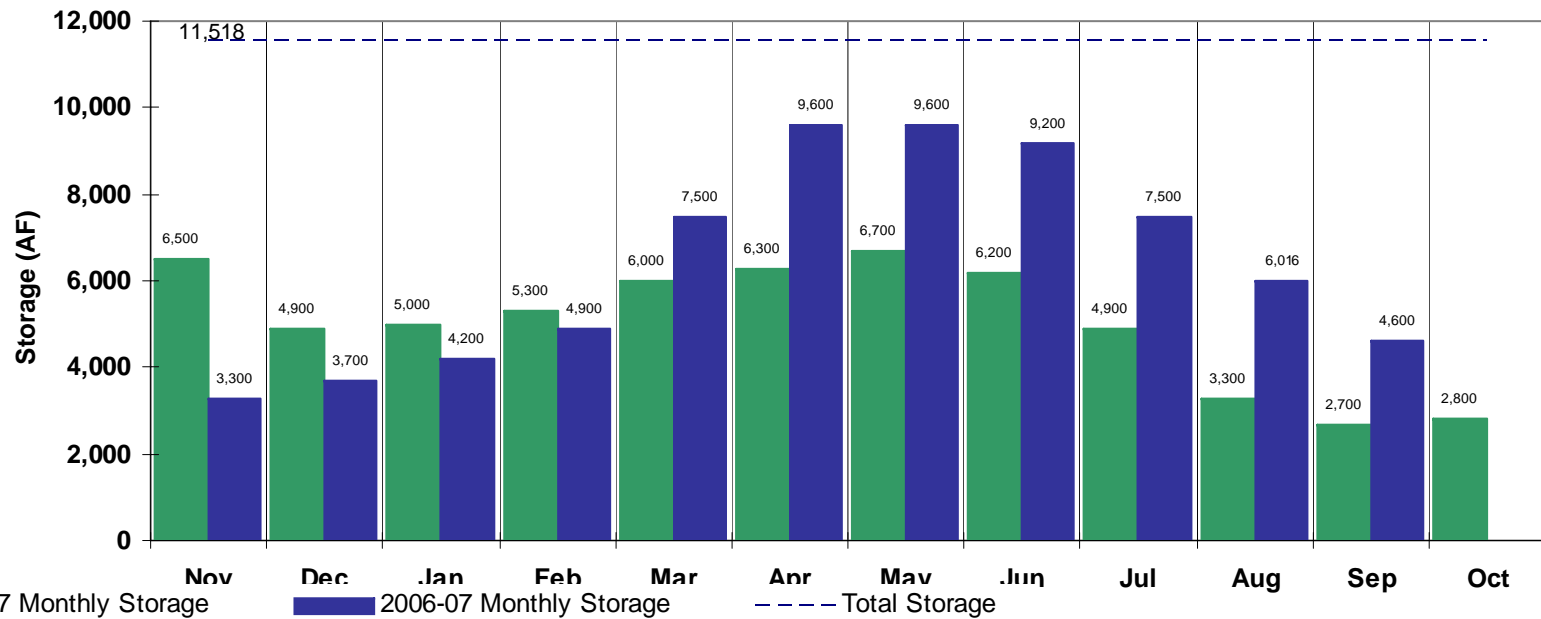
Halligan Reservoir

(District 3, Poudre River - Agricultural)



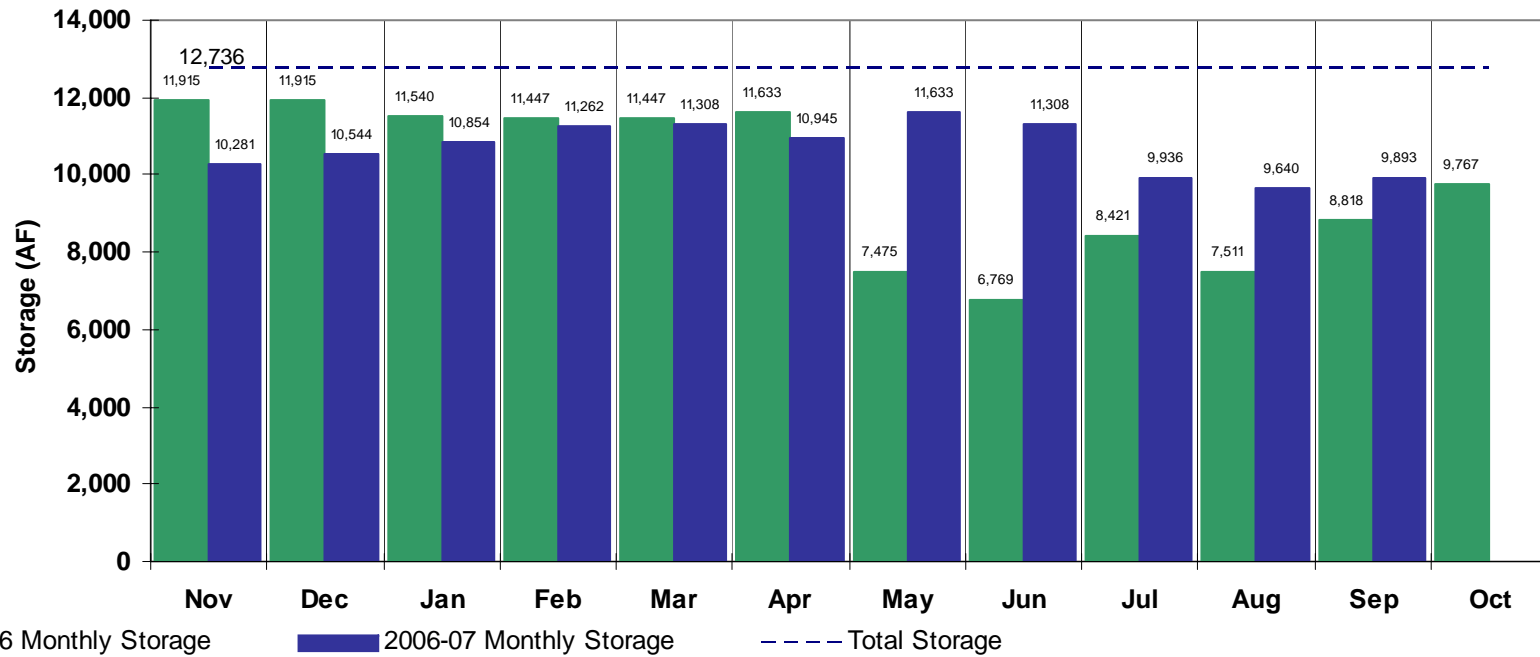
Marshall Lake

(District 6, Boulder Creek - Agricultural)



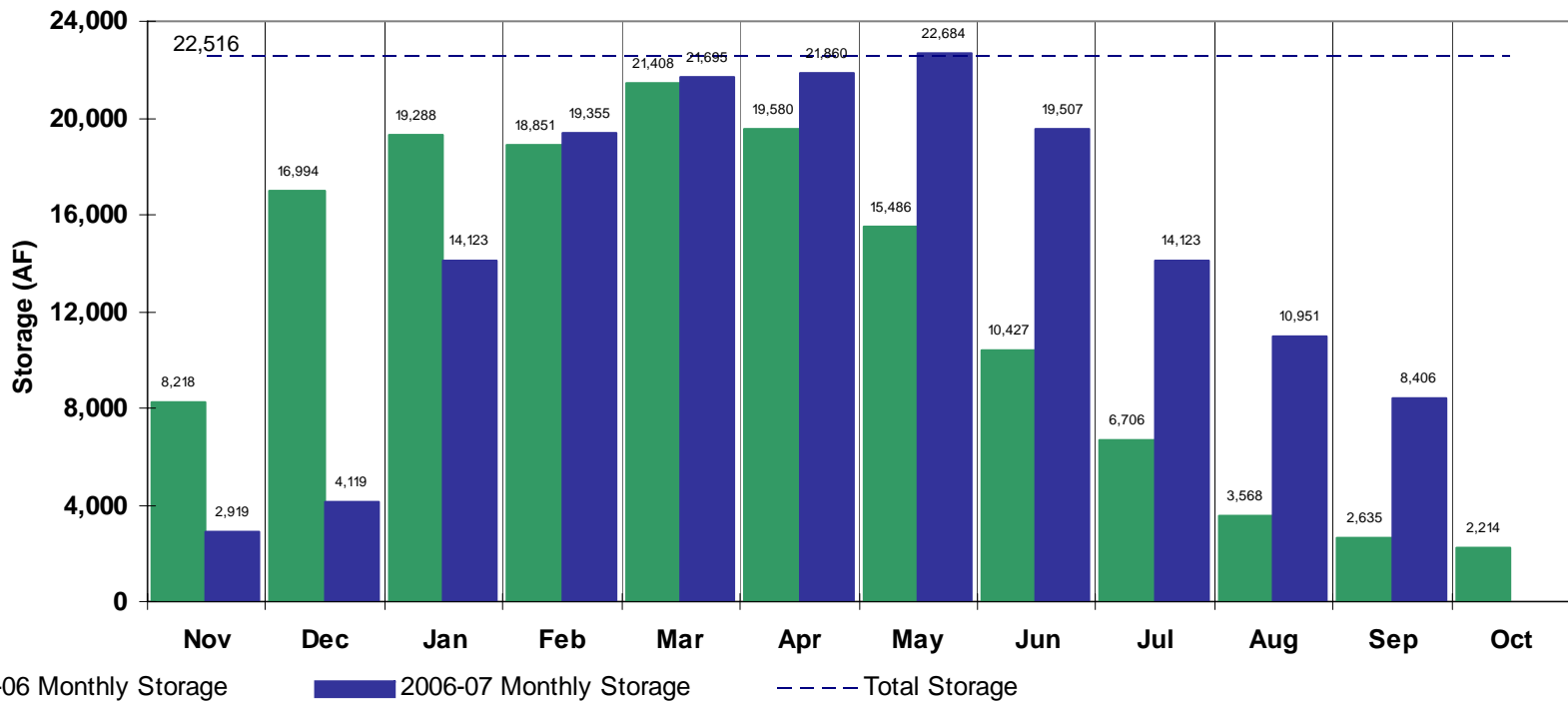
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



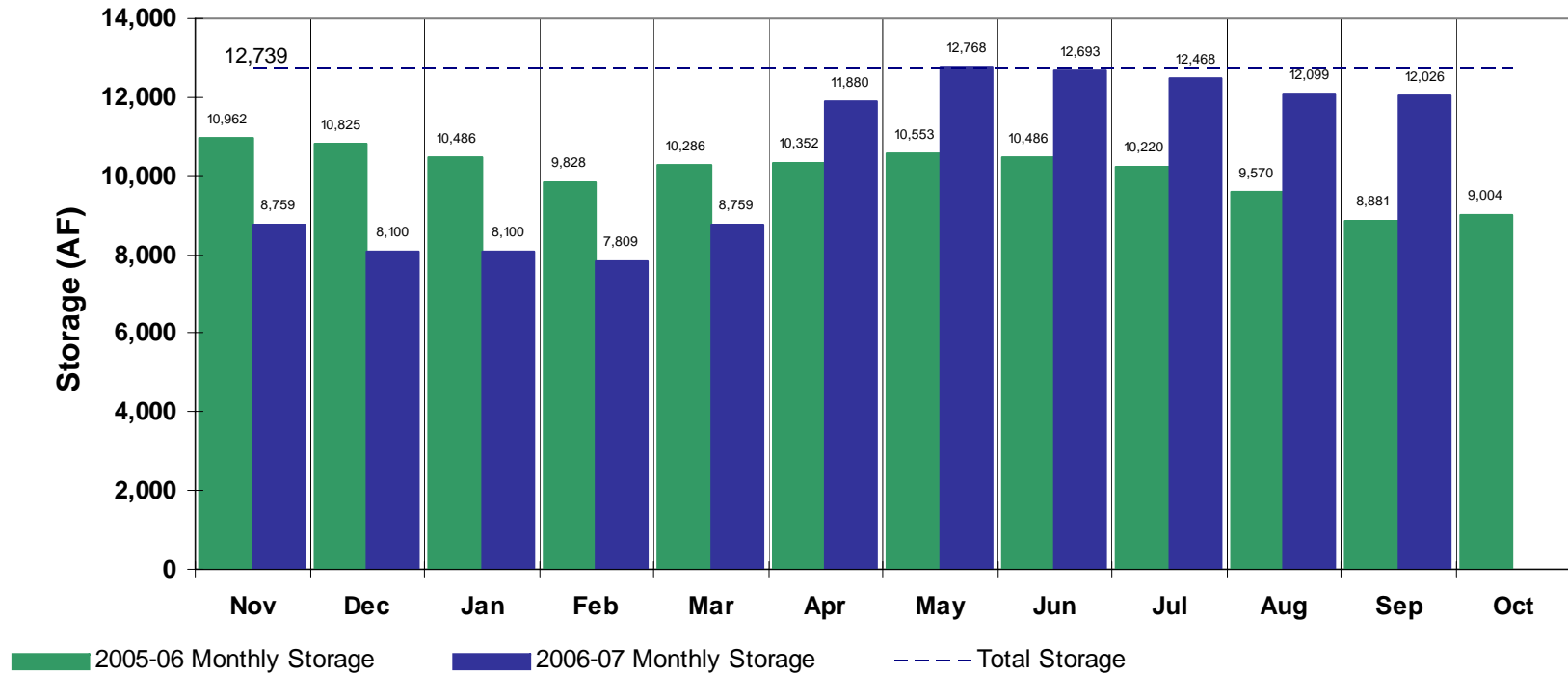
Milton Reservoir

(District 2 - Agricultural)



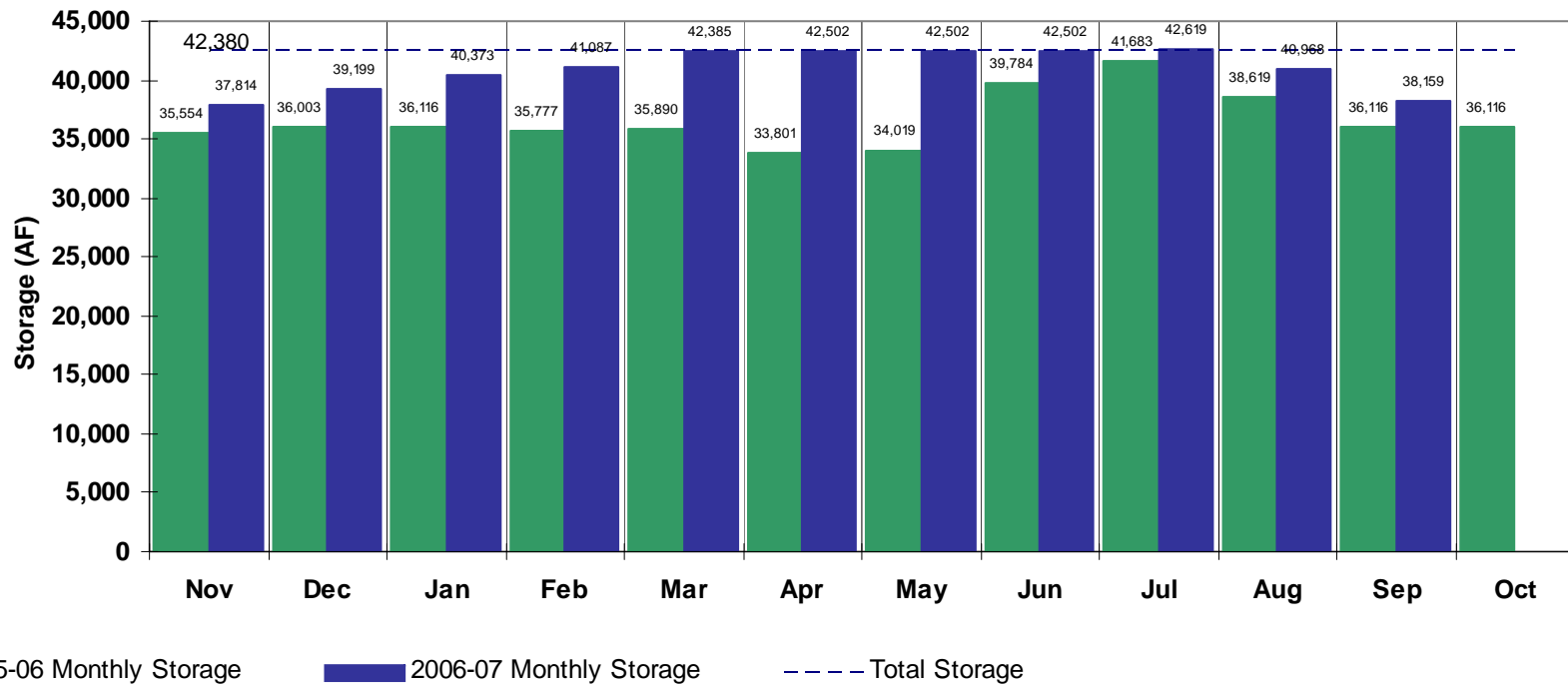
Union Reservoir

(District 5, St. Vrain Creek - Agricultural)



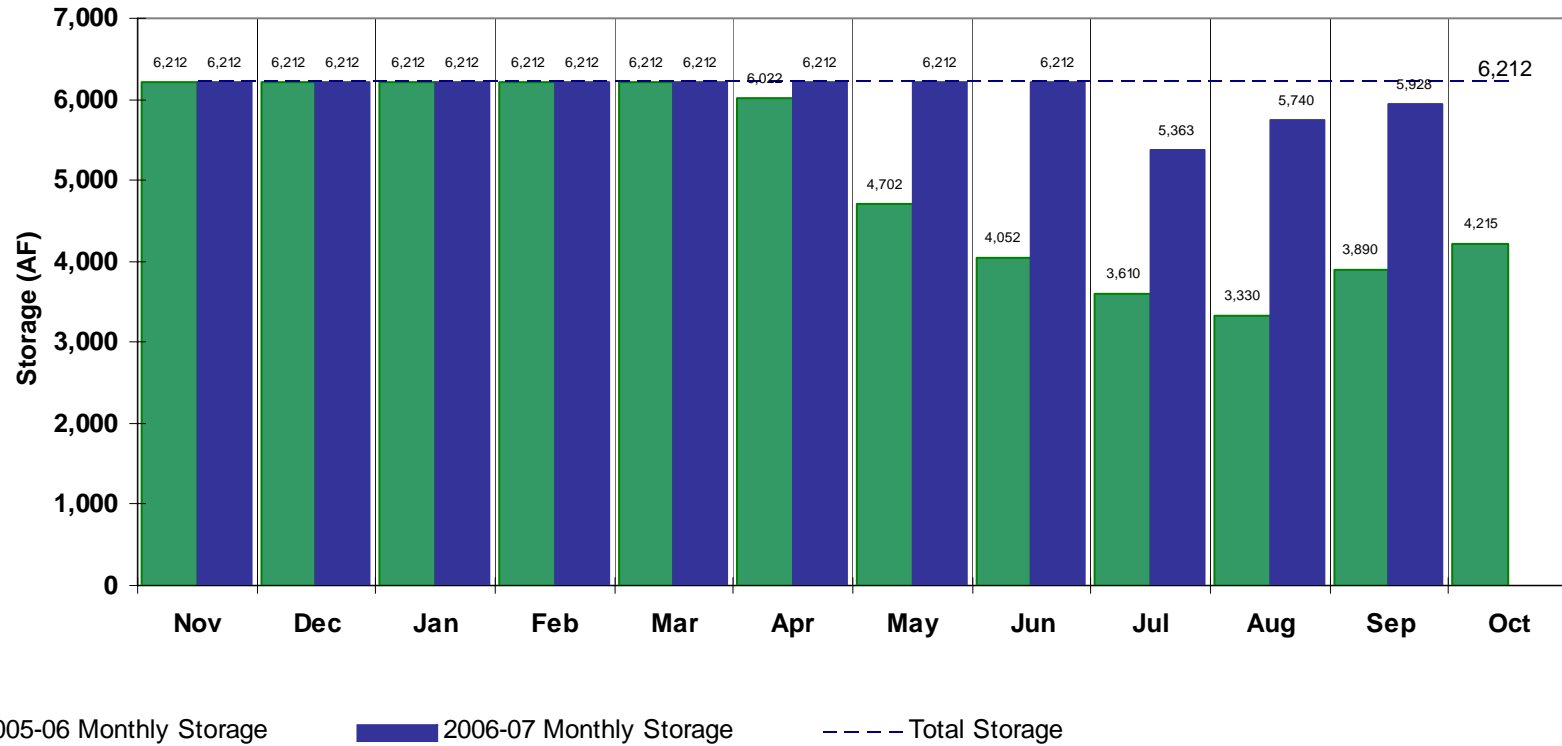
Standley Lake

(Agricultural)



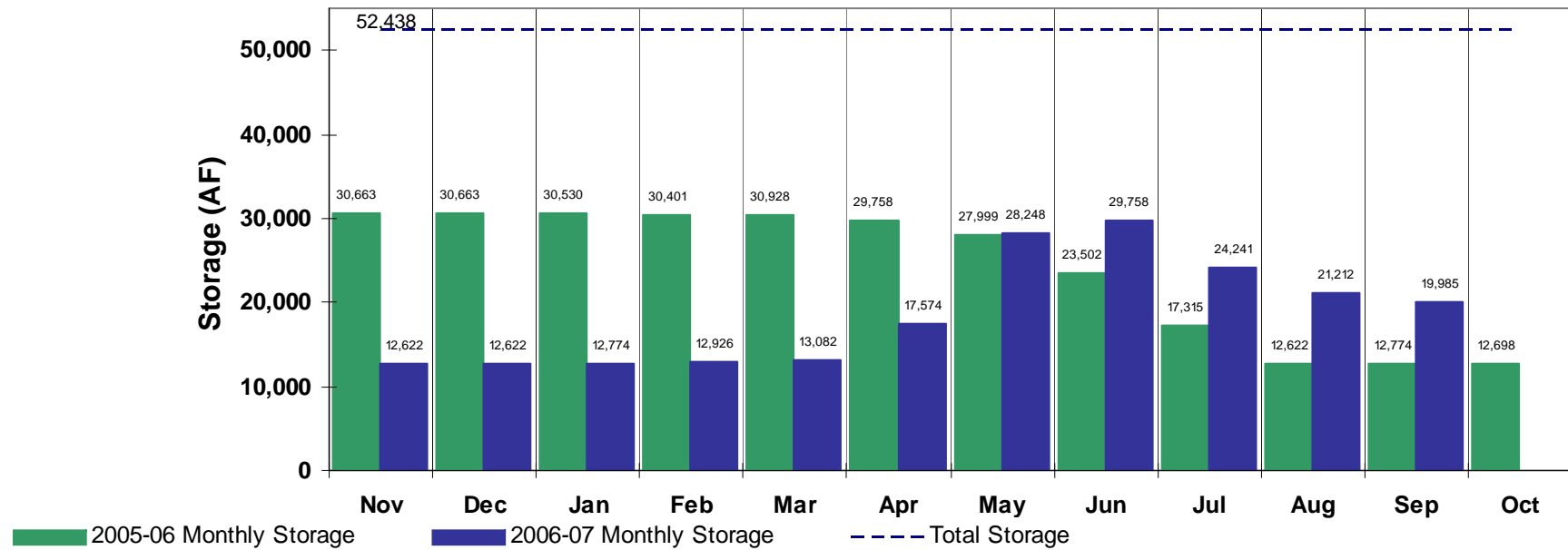
Lower Latham Reservoir

(District 2 - Agricultural)



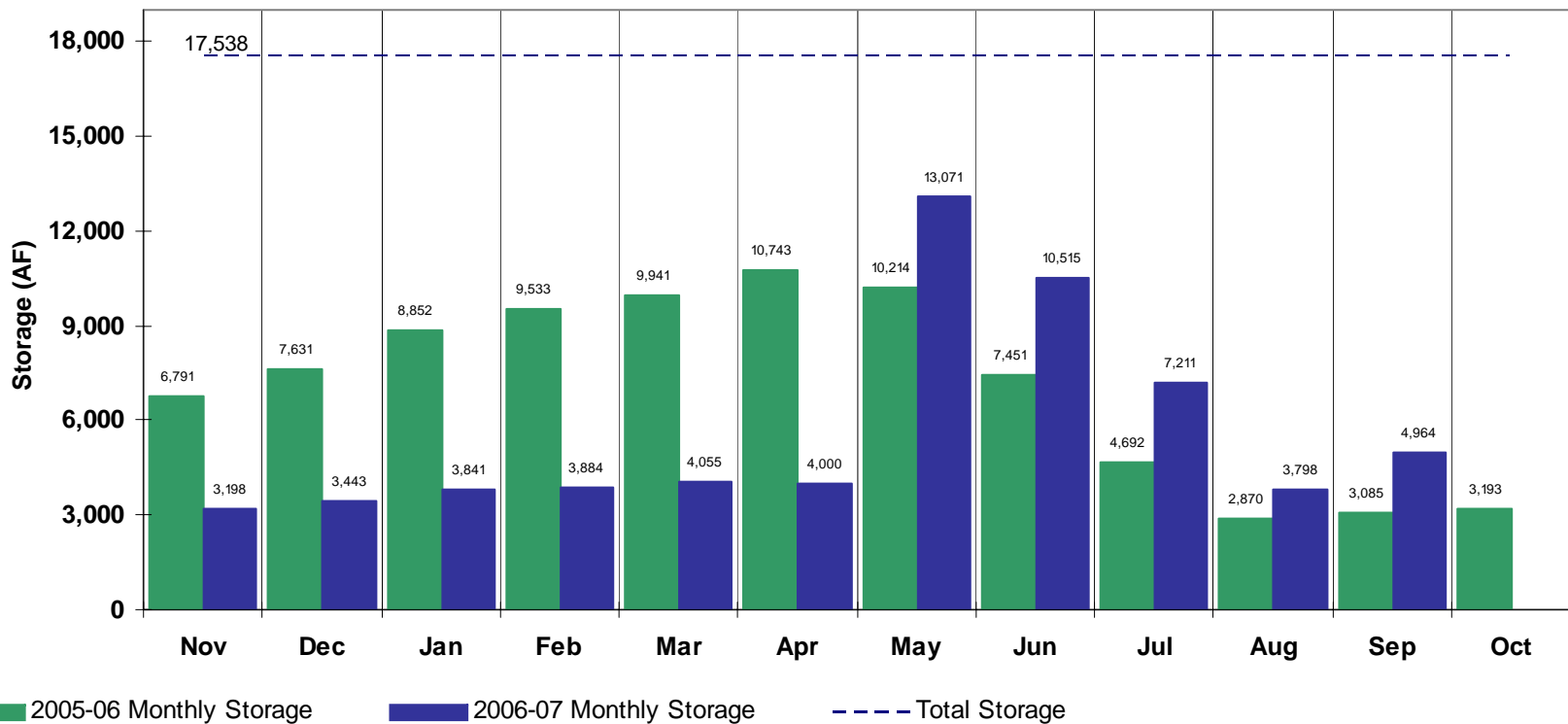
Boyd Lake

(District 4, Big Thompson River - Agricultural)



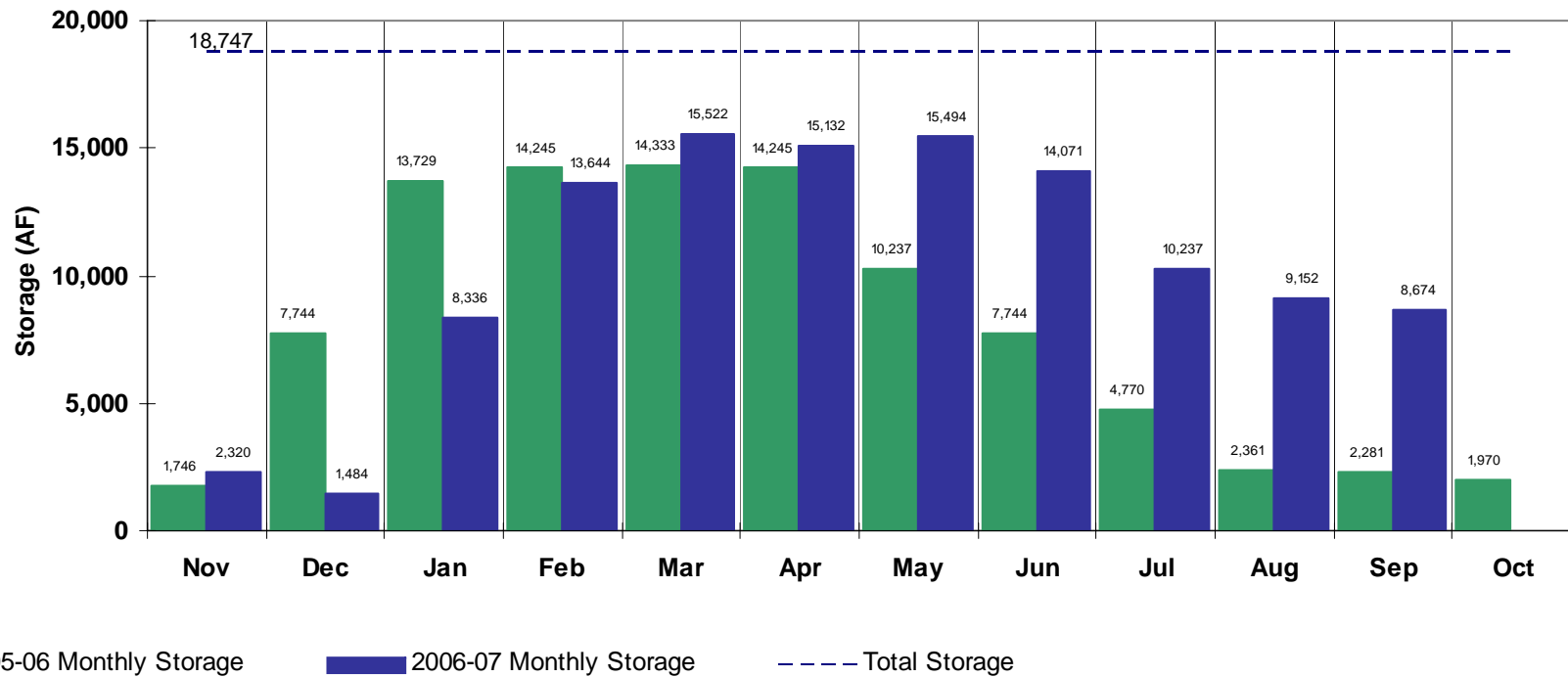
Windsor Reservoir

(District 3, Poudre River - Agricultural)



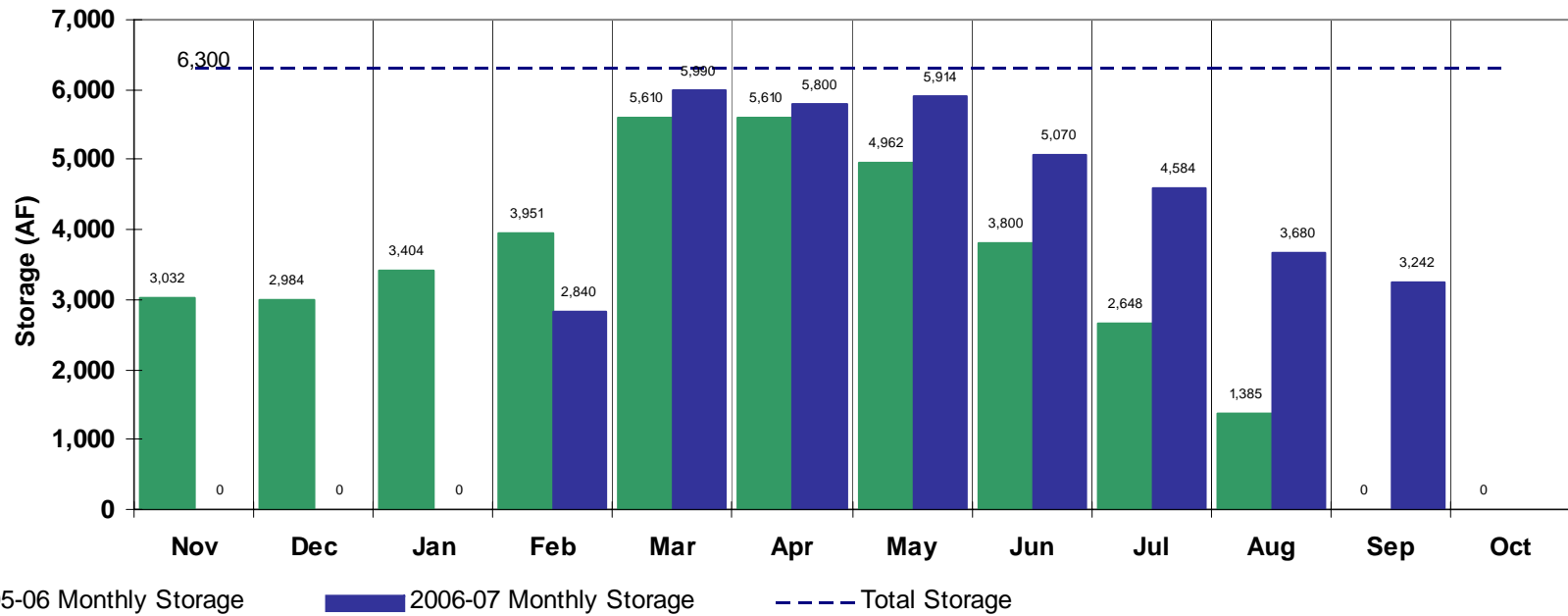
Horse Creek Reservoir

(District 1 - Agricultural)



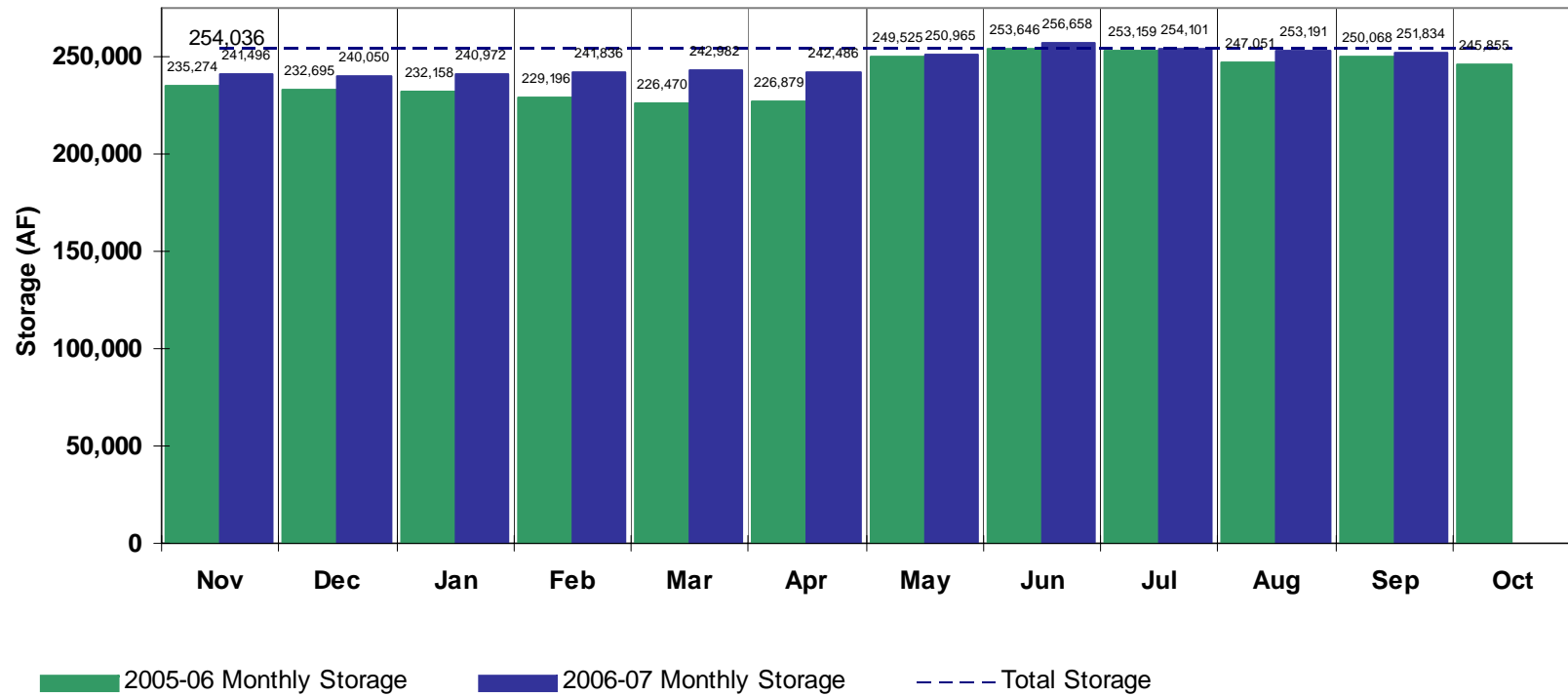
Prospect Reservoir

(District 1- Agricultural)



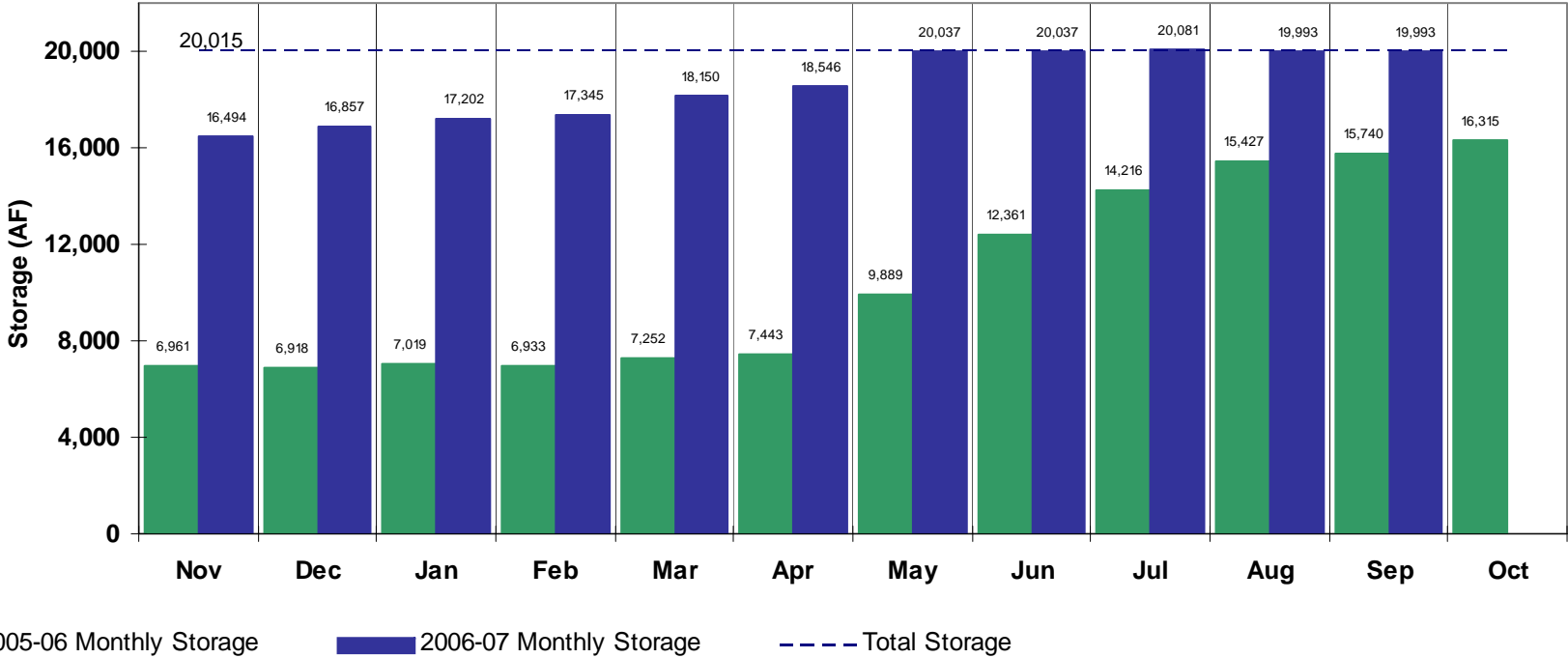
Dillon Reservoir

(Municipal)



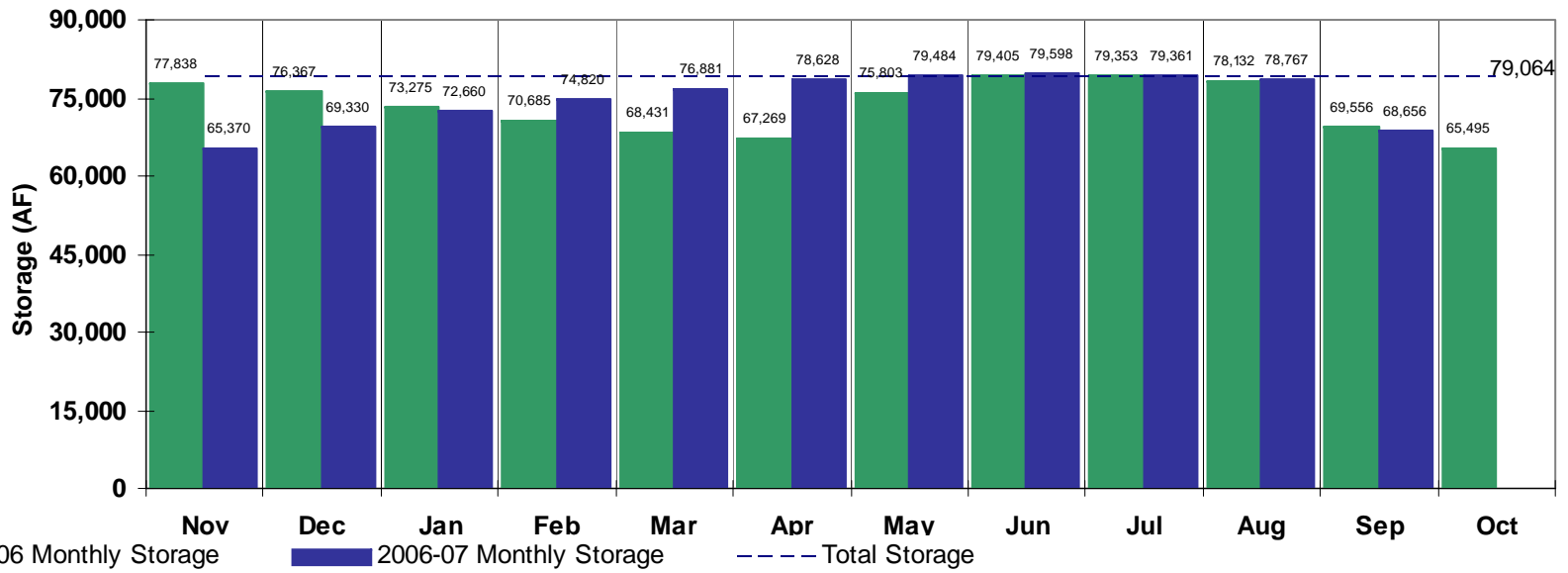
Antero Reservoir

(District 23 - Municipal)



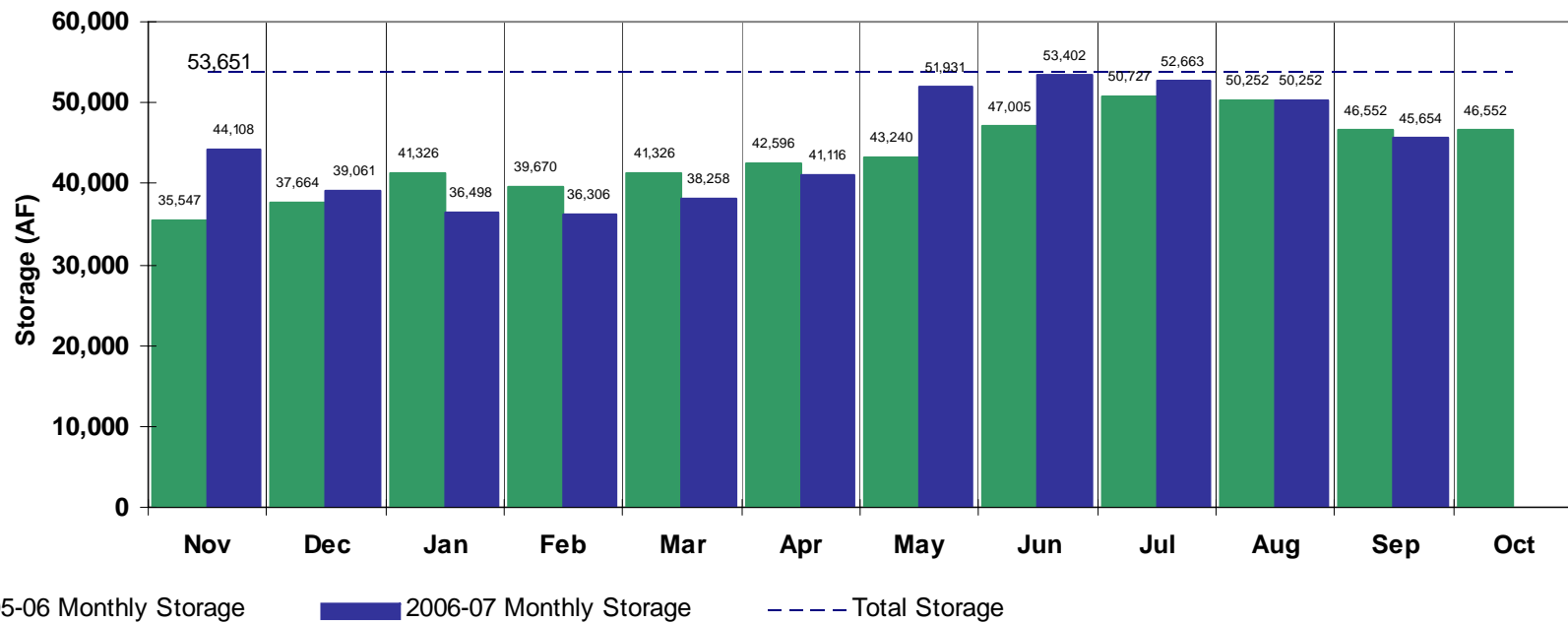
Cheesman Reservoir

(District 80 - Municipal)



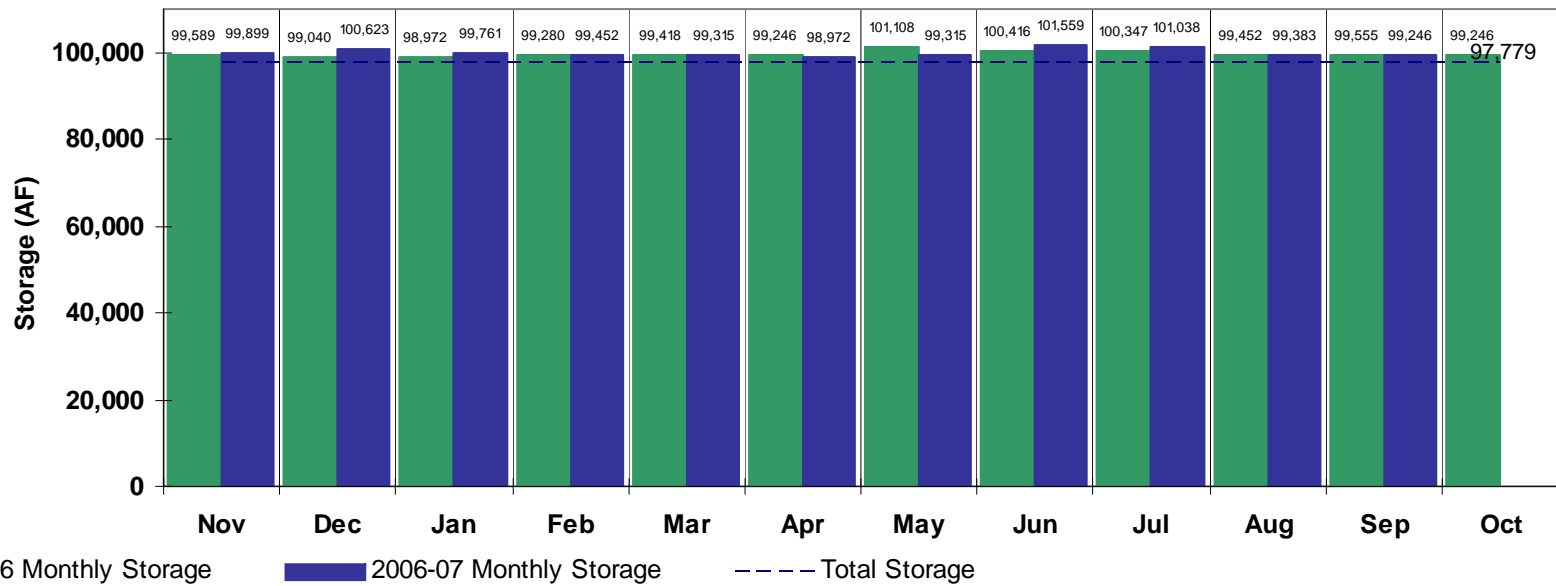
Spinney Mountain Reservoir

(District 23 - Municipal)

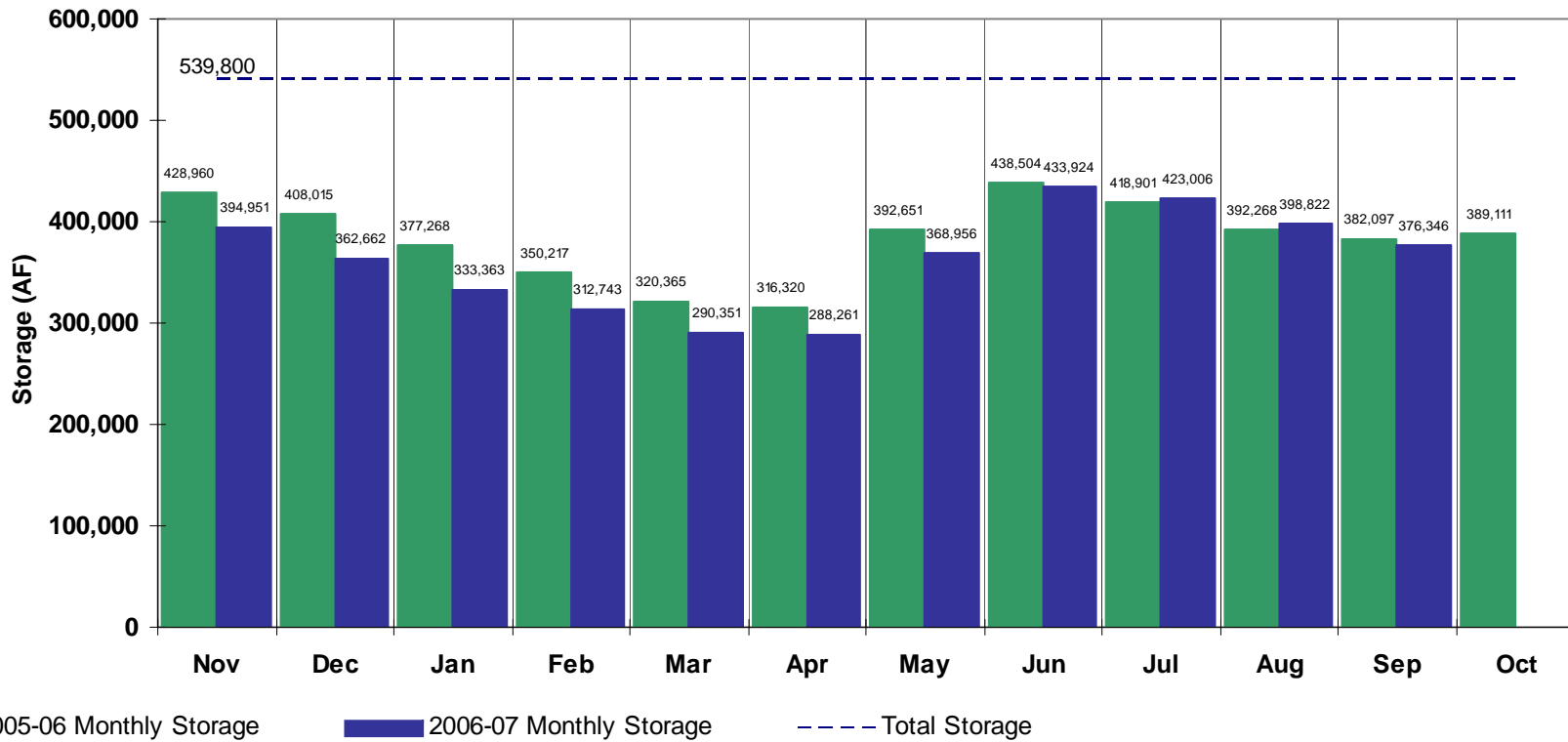


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



Group from District 2 Tour
(Photo by Kevin Rein)



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