

South Platte Summary

July 2009



Compiled by Jana Ash



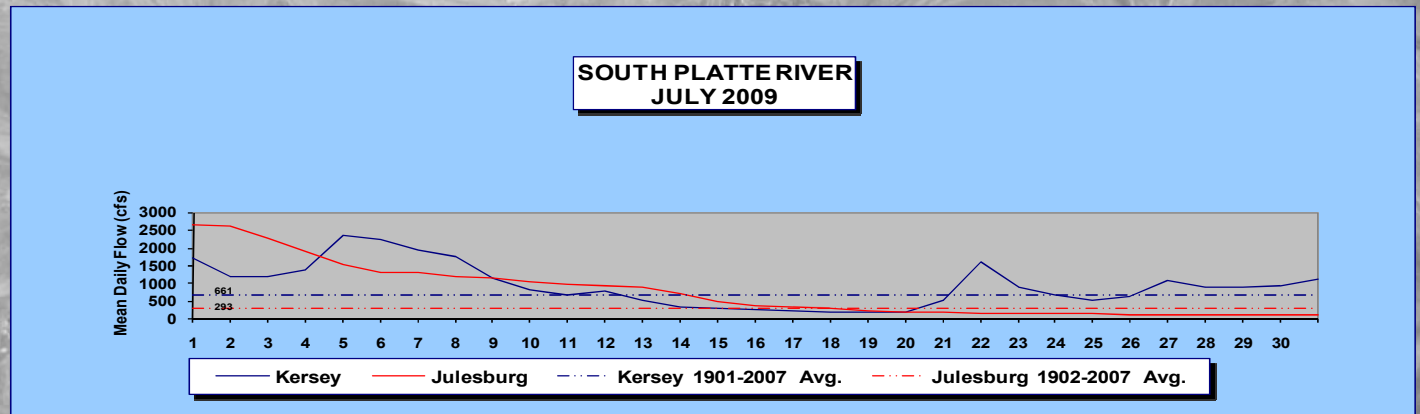
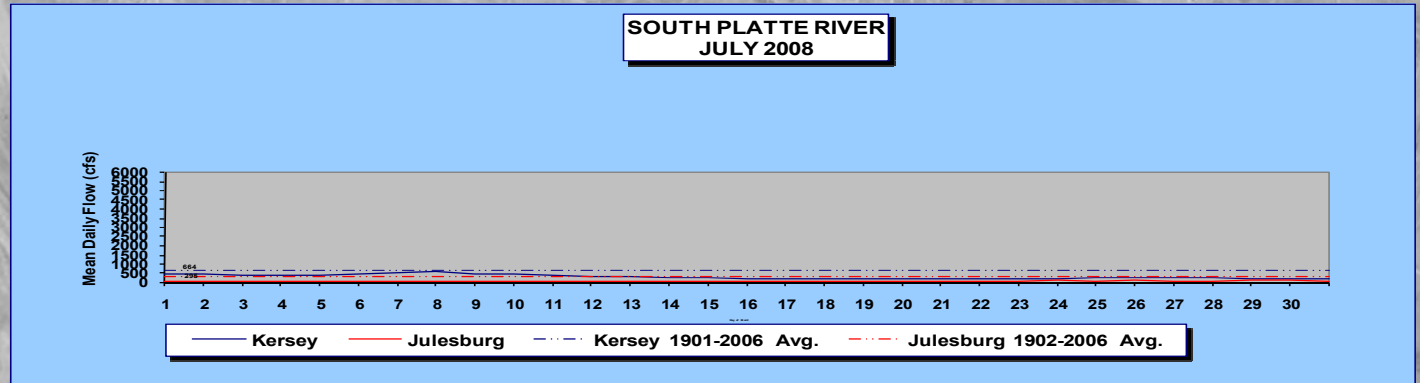
Mann Reservoir
(Photo by Claudia Engelmann)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

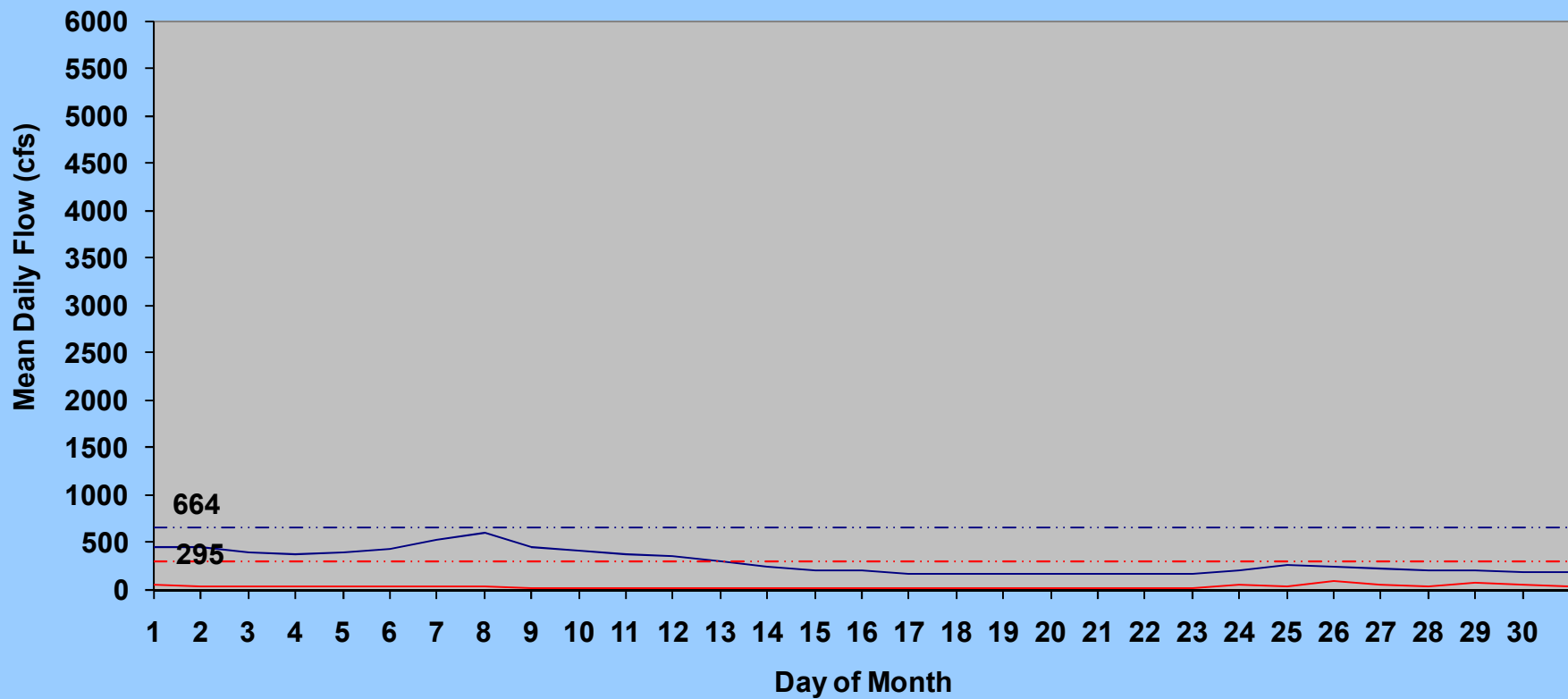
MONTH OF JULY 2009

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	22,521	20,575	64	-1,946	-9%	91%	57%	0
N STERLING	73,730	75,454	56,974	64	-18,480	-24%	77%	45%	0
PREWITT	28,500	28,365	24,976	64	-3,389	-12%	88%	49%	0
JACKSON	27,257	27,041	26,009	1	-1,032	-4%	95%	56%	0
EMPIRE	37,700	35,875	23,412	1	-12,463	-35%	62%	25%	0
RIVERSIDE	63,113	62,772	52,112	1	-10,660	-17%	83%	39%	0
BARR LAKE	31,652	29,314	26,926	2	-2,388	-8%	85%	47%	0
CHEESMAN	79,064	79,502	78,323	80	-1,179	-1%	99%	100%	0
ELEVEN MILE	97,779	102,325	99,212	23	-3,113	-3%	100%	100%	1,433
SPINNEY	53,651	53,900	53,155	23	-745	-1%	99%	94%	0
ANTERO	20,015	20,037	20,147	23	110	1%	100%	100%	132

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	928
JULESBURG	778
THIS MONTH LAST YEAR	
KERSEY	284
JULESBURG	35
MEAN FOR PERIOD OF RECORD*	
KERSEY	661
JULESBURG	293
* 1901-2007	
1902-2007	

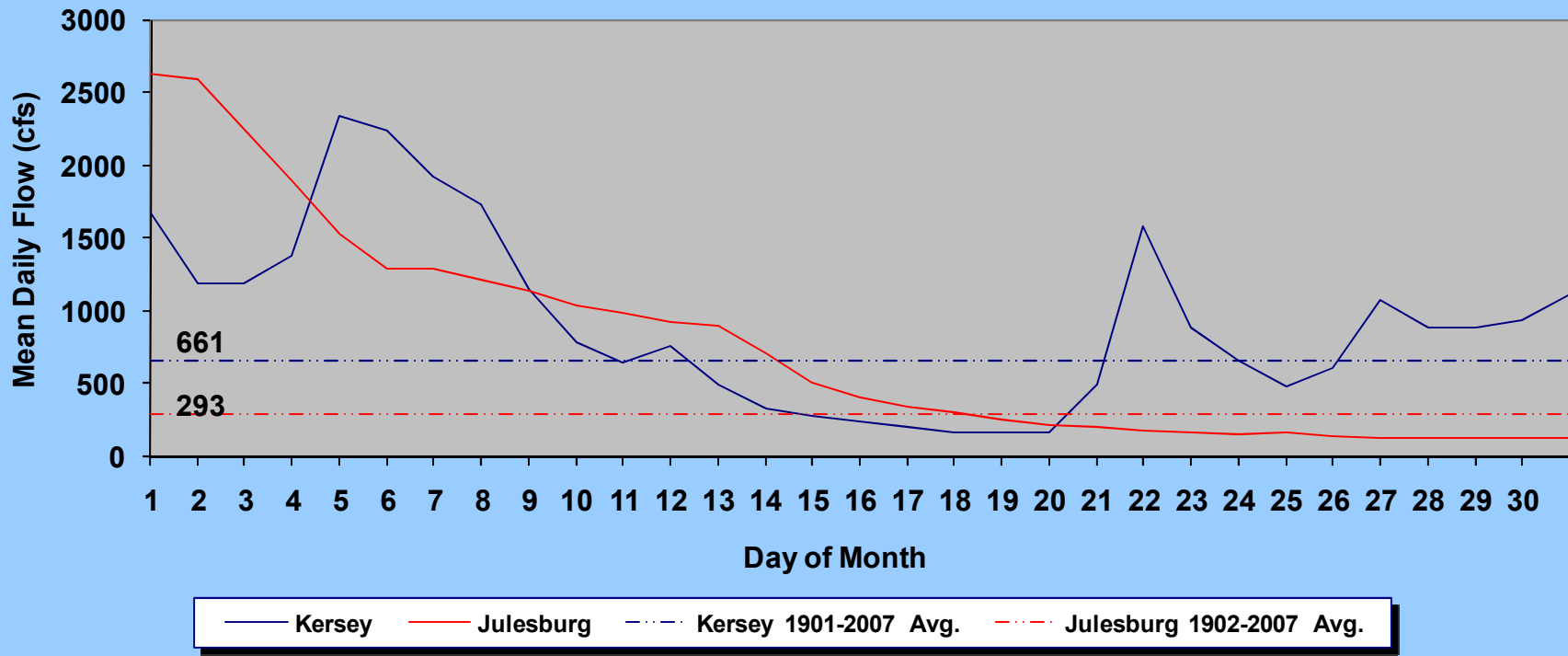


SOUTH PLATTE RIVER JULY 2008

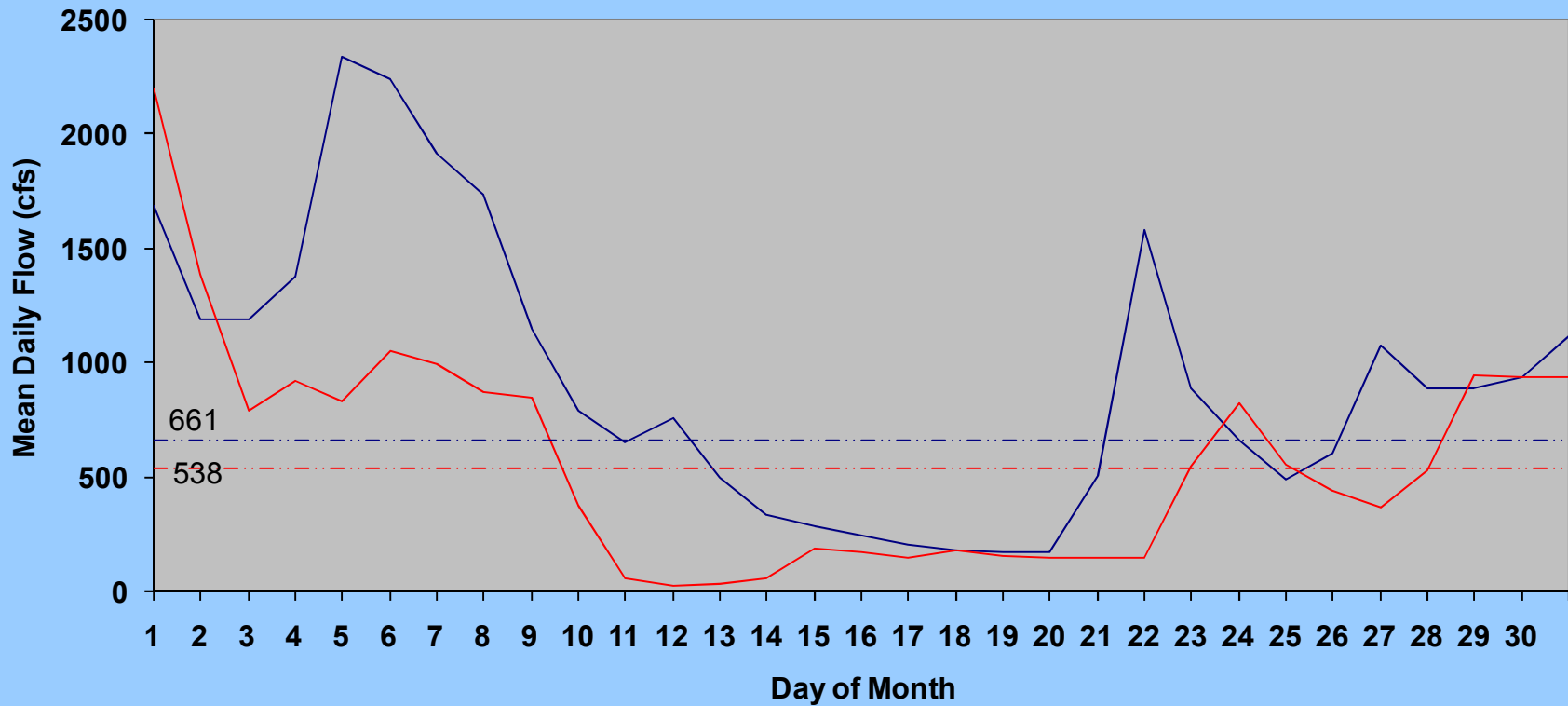


— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

SOUTH PLATTE RIVER JULY 2009



KERSEY and BALZAC JULY 2009



— Kersey — Balzac - · - · Kersey 1901-2007 Avg. - · - · Balzac 1917-2007 Avg.

South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey

South Platte River at Julesburg

Month	Historic*		Year	Historic*		IY 2009 Mean Monthly Flow	Month	Historic*		Year	Historic*		IY 2009 Mean Monthly Flow
	Mean Flow	Max Flow		Min Flow	Year			Mean Flow	Max Flow		Min Flow	Year	
Nov	737	3650	1984	70	1934	649	Nov	344	2900	1984	4.2	1903	64
Dec	683	1890	1961	91	1934	707	Dec	405	1820	1984	13	2002	188
Jan	653	2160	1974	158	1935	706	Jan	514	2510	1970	21	2003	215
Feb	673	3060	1914	152	1935	642	Feb	589	3220	1930	29	2005	146
Mar	690	3470	1983	80	1935	521	Mar	531	12900	1910	15	1904	62
Apr	850	18100	1942	28	1955	1008	Apr	529	14400	1942	4.0	1904	281
May	1761	26100	1973	29	1955	1156	May	1020	18100	1973	12	1911	141
Jun	2314	31000	1921	52	1954	4304	Jun	1433	30800	1921	2.0	1910	2445
Jul	661	12600	1983	44	1955	928	Jul	293	12600	1983	0.0	1903	778
Aug	503	9690	1951	65	1934		Aug	180	8920	1968	0.0	1903	
Sep	514	14200	1938	62	1940		Sep	240	7130	1938	2.0	1902	
Oct	665	6180	1984	66	1954		Oct	304	3130	1984	4.2	1903	

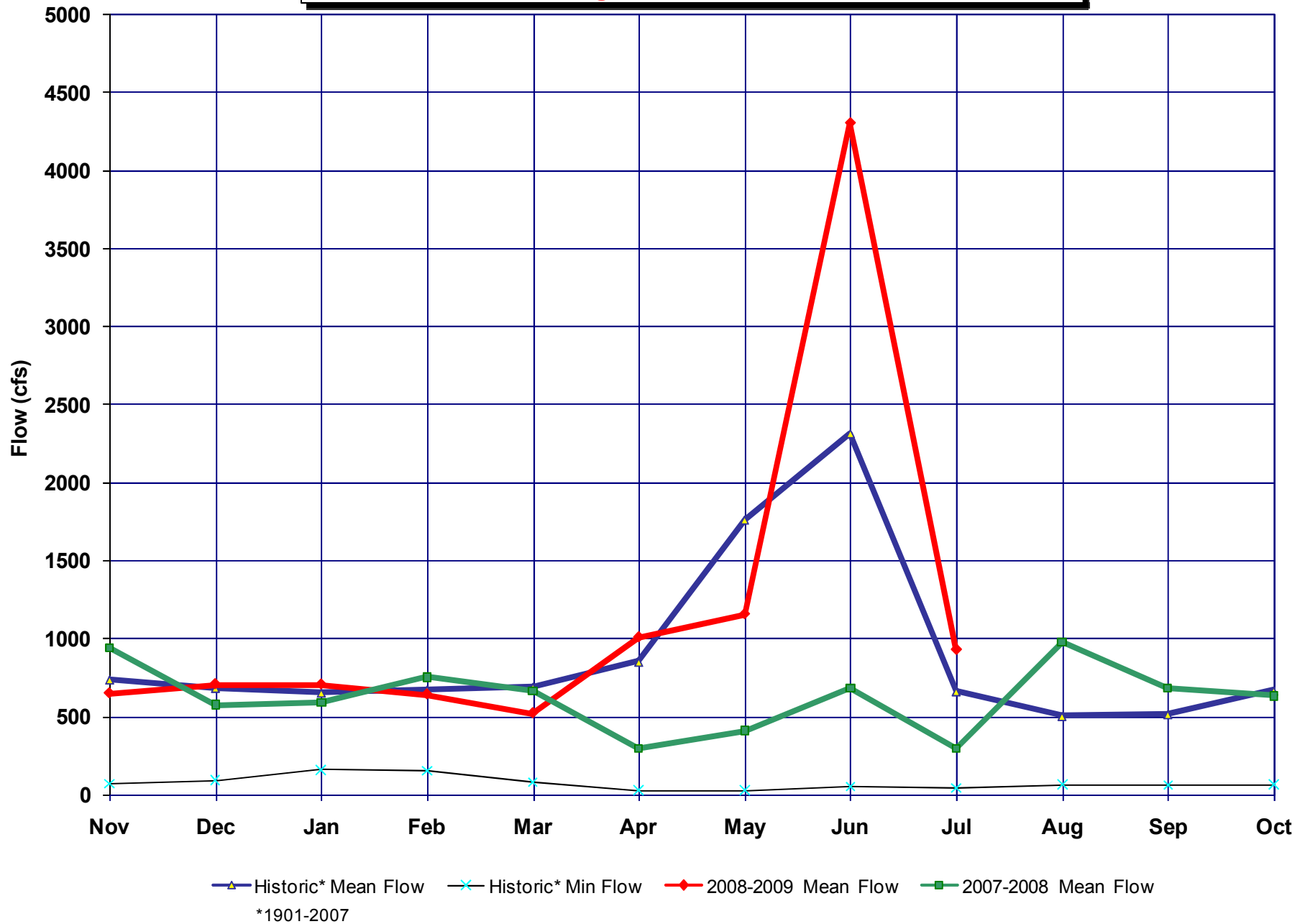
*Period of record 1901-2007

*Period of record 1902-2007

Gumlick into Clear Creek
(Photo by Jana Ash)

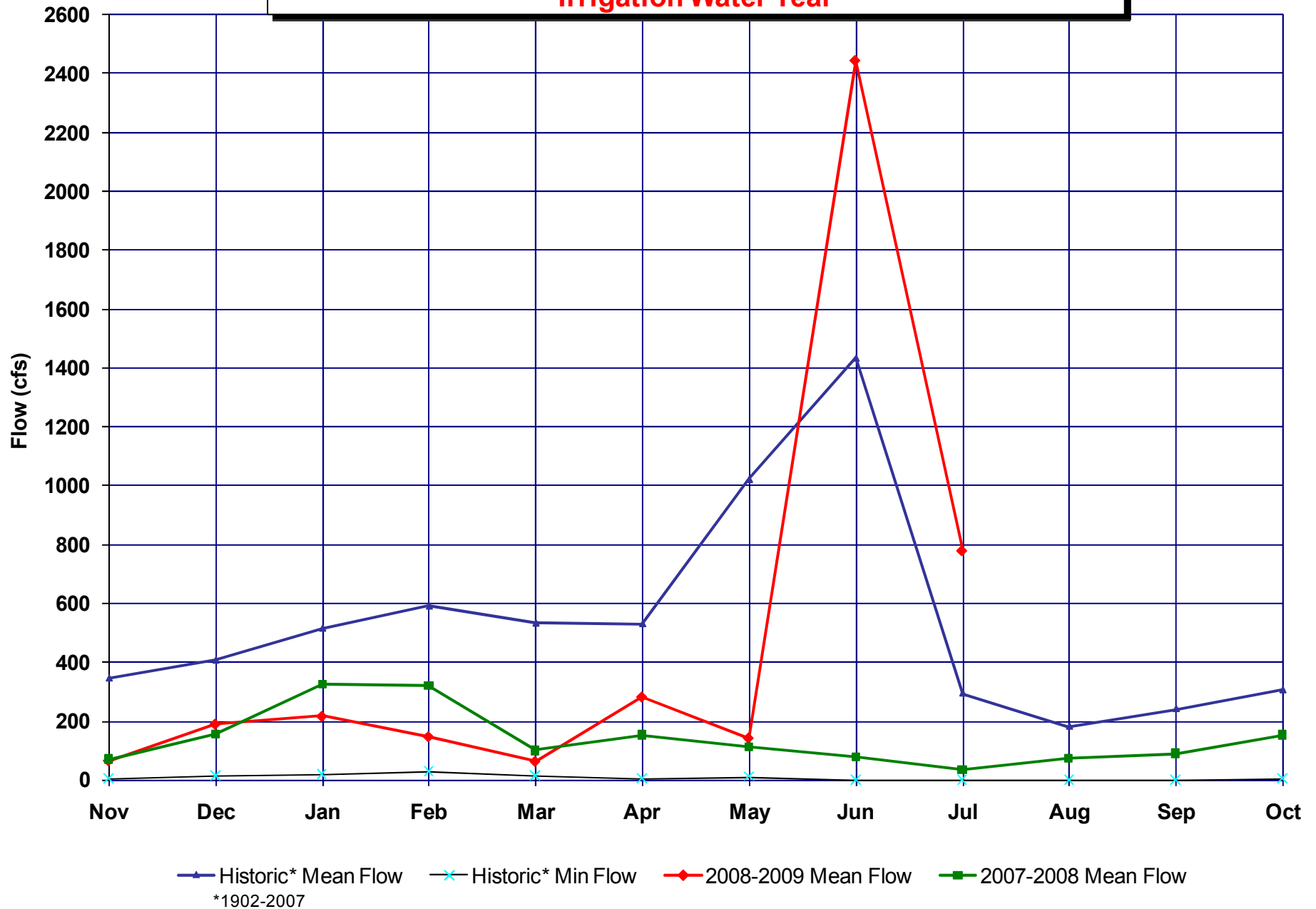
South Platte River at Kersey

Irrigation Water Year



South Platte River at Julesburg

Irrigation Water Year



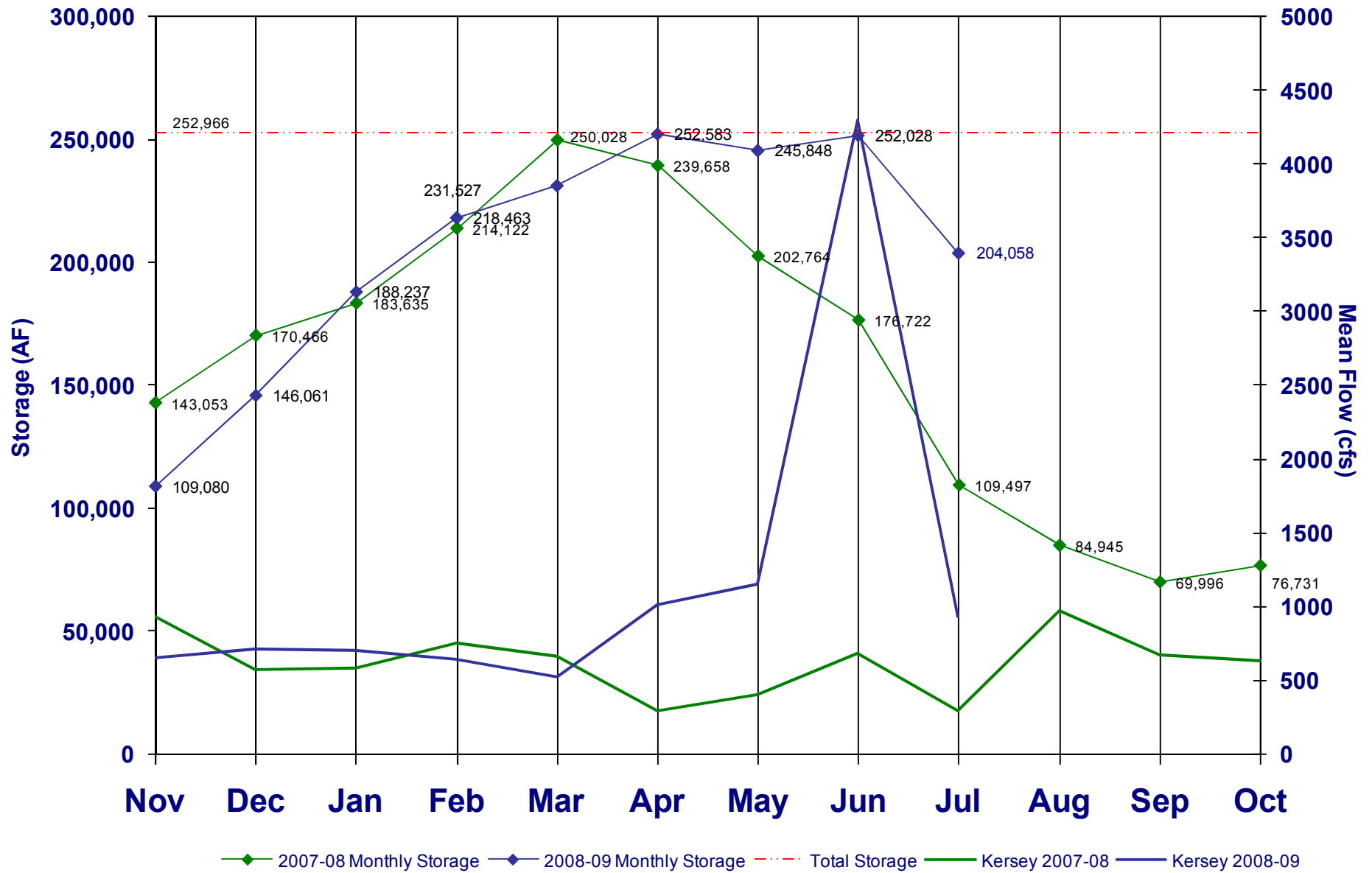
**Next four slides show Reservoir
Storage below and above Kersey**



**Gumlick into Clear Creek
(Photo by Jana Ash)**

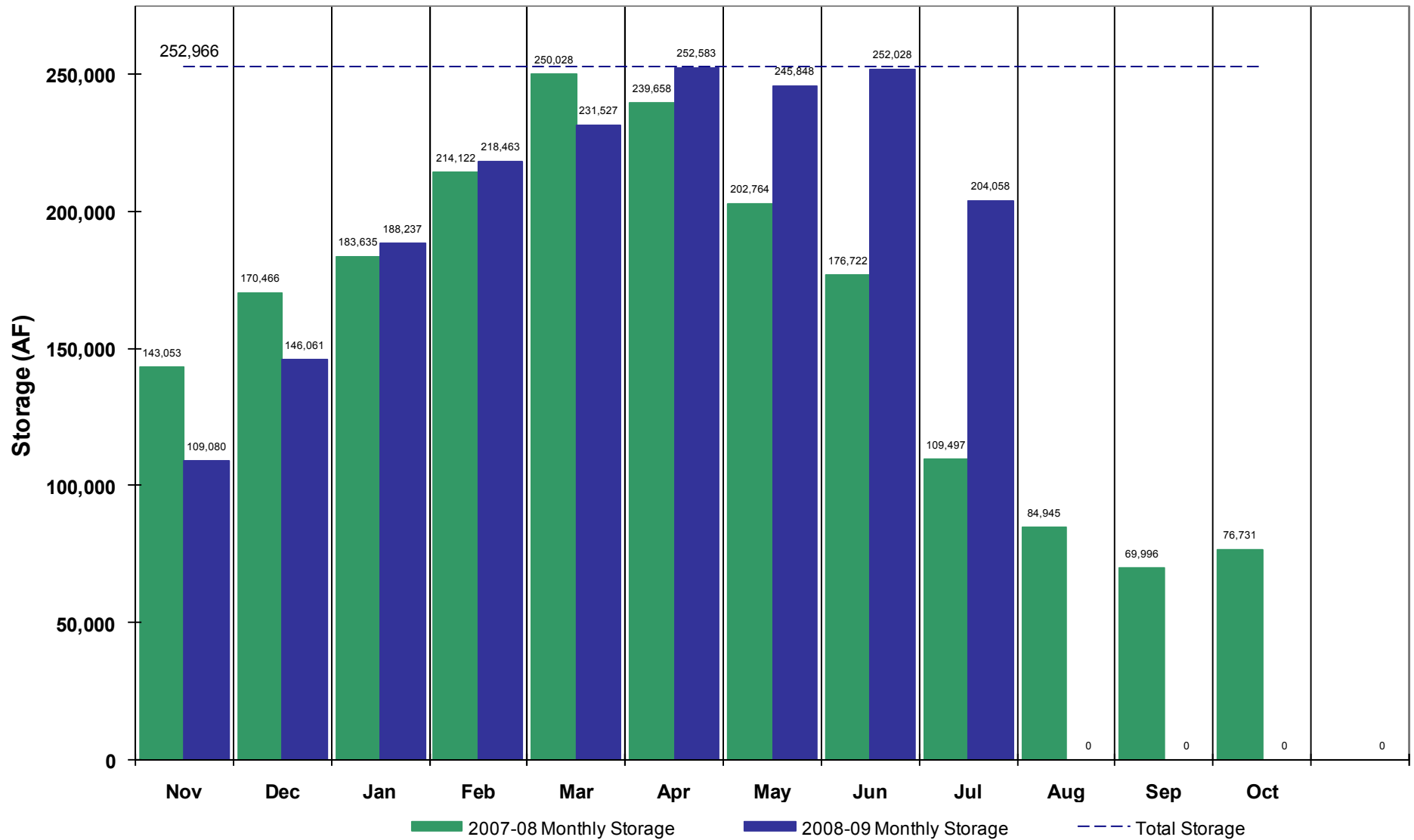
Reservoir Storage below Kersey

Selected Reservoirs*



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

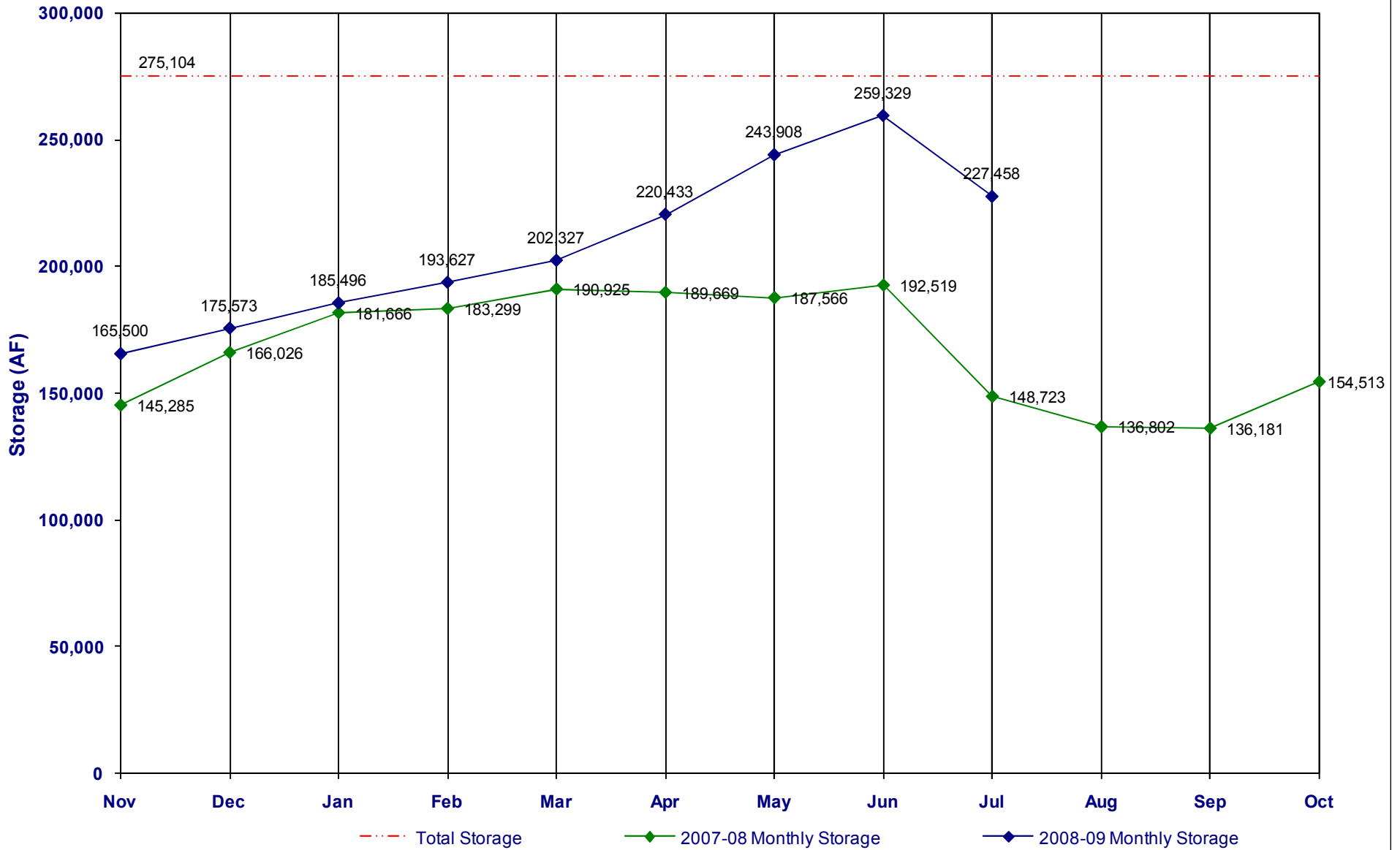
South Platte Reservoirs Storage below Kersey*



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

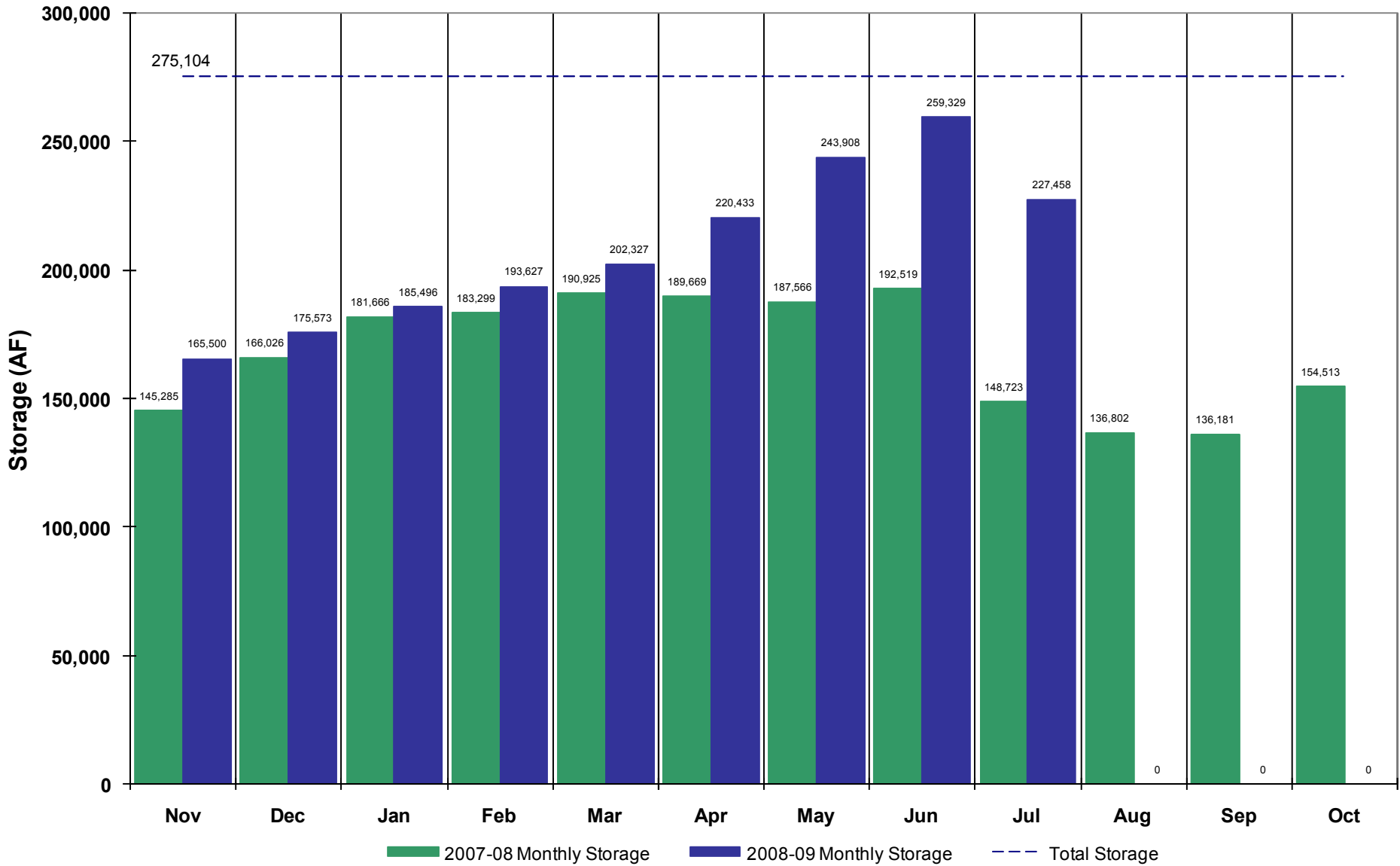
Reservoir Storage above Kersey

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

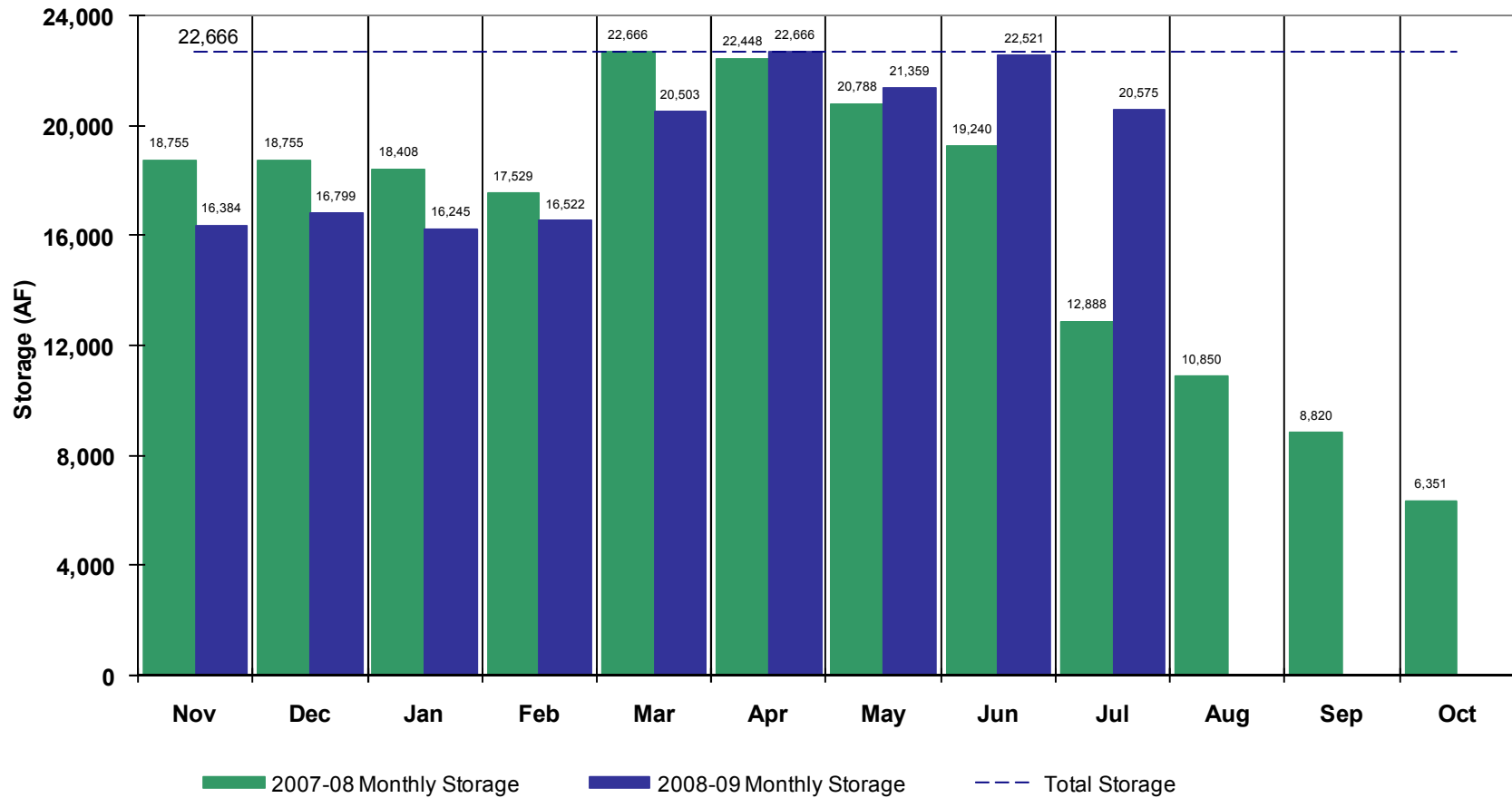
A wide, muddy river flows through a wooded area. The water is a deep, turbid brown color, indicating high sediment content. The banks are lined with lush green trees and vegetation. On the left bank, there is a small, light-colored structure, possibly a well or a small building, partially obscured by the trees. The river flows from the background towards the foreground, creating a sense of depth.

Individual Reservoir Storage Follows

**Muddy South Platte River at
Waterton
(Photo by Mark Trivisonno)**

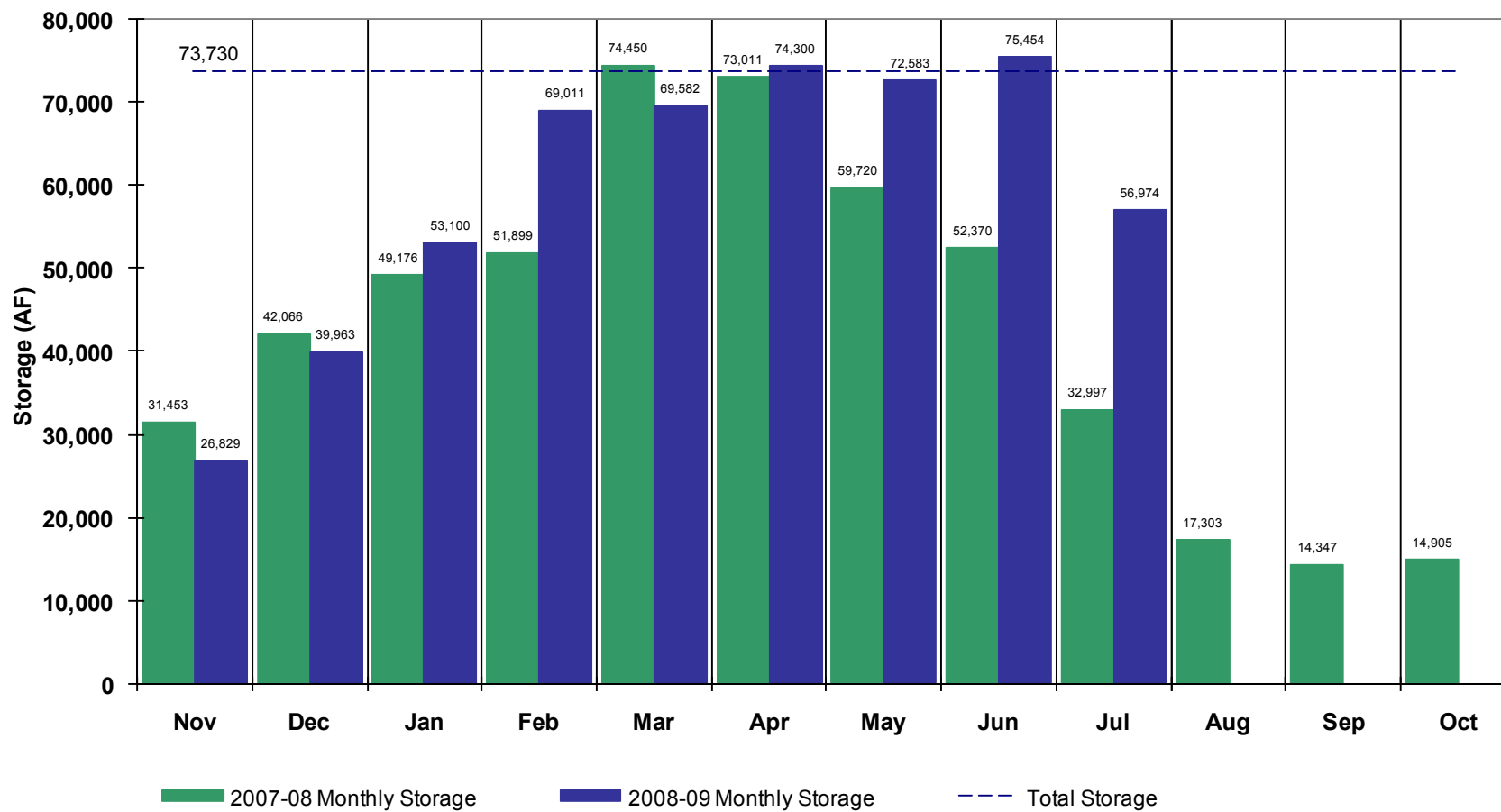
Julesburg Reservoir

(District 64 - Agricultural)

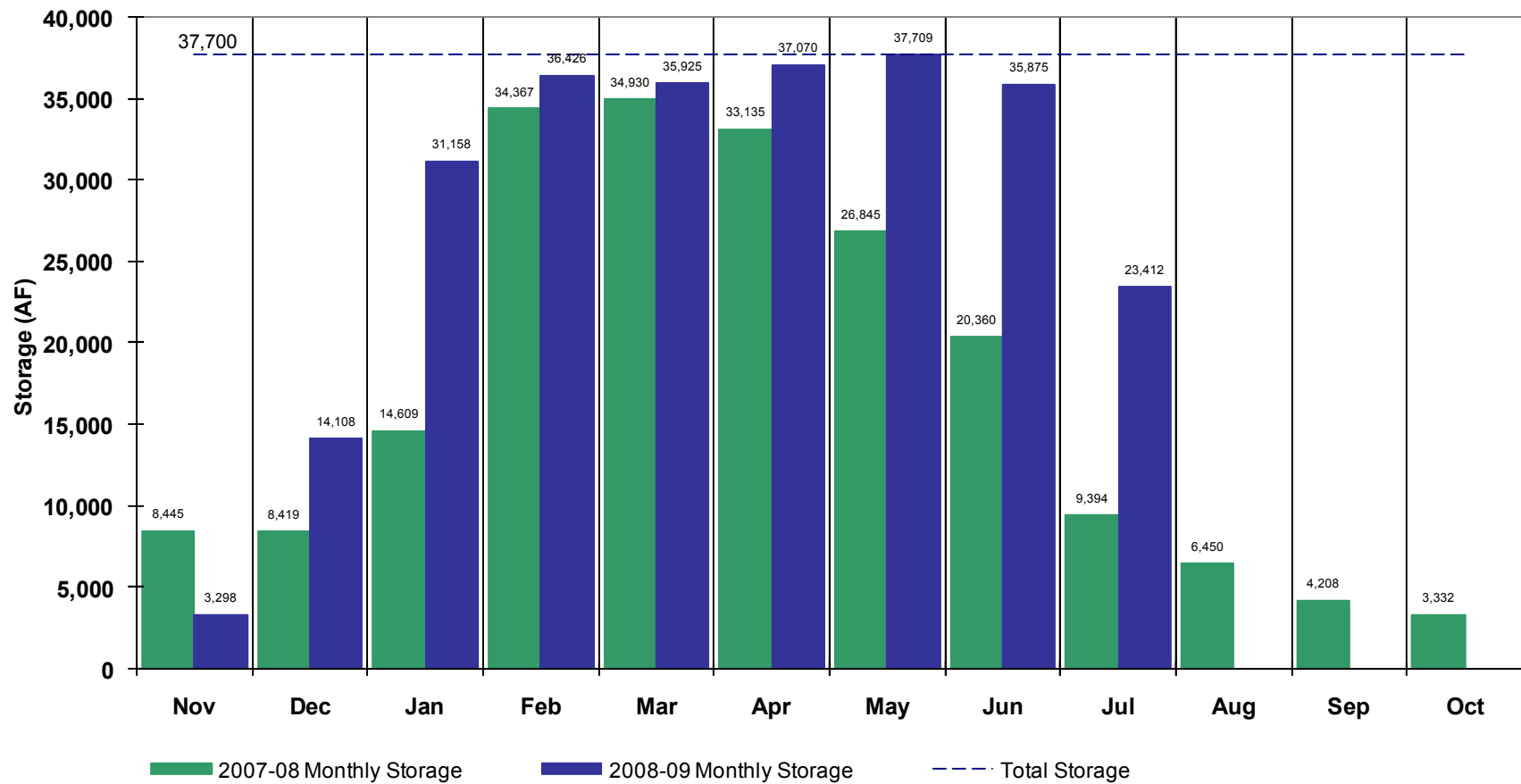


North Sterling Reservoir

(District 64- Agricultural)

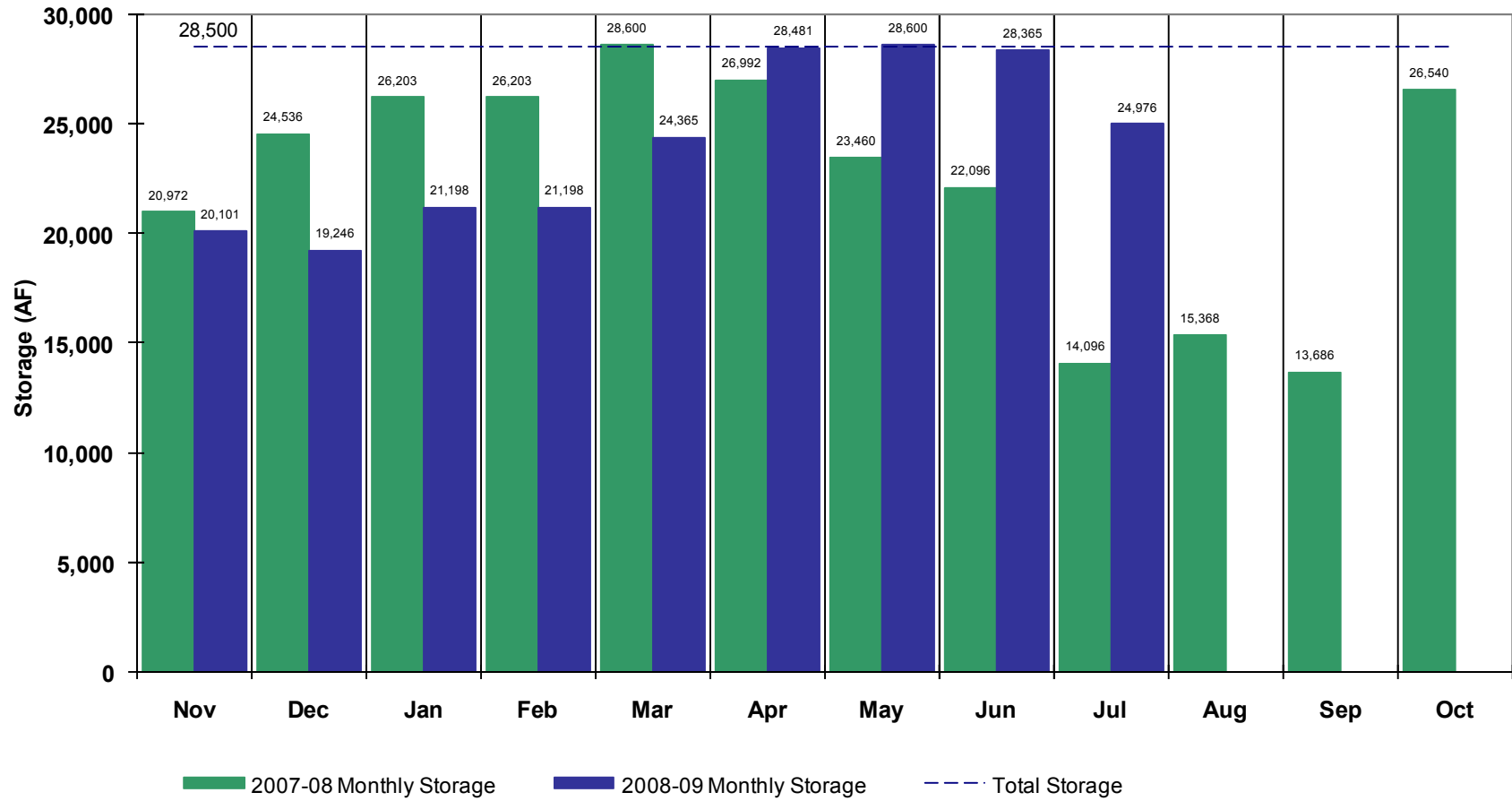


Empire Reservoir (District 1- Agricultural)



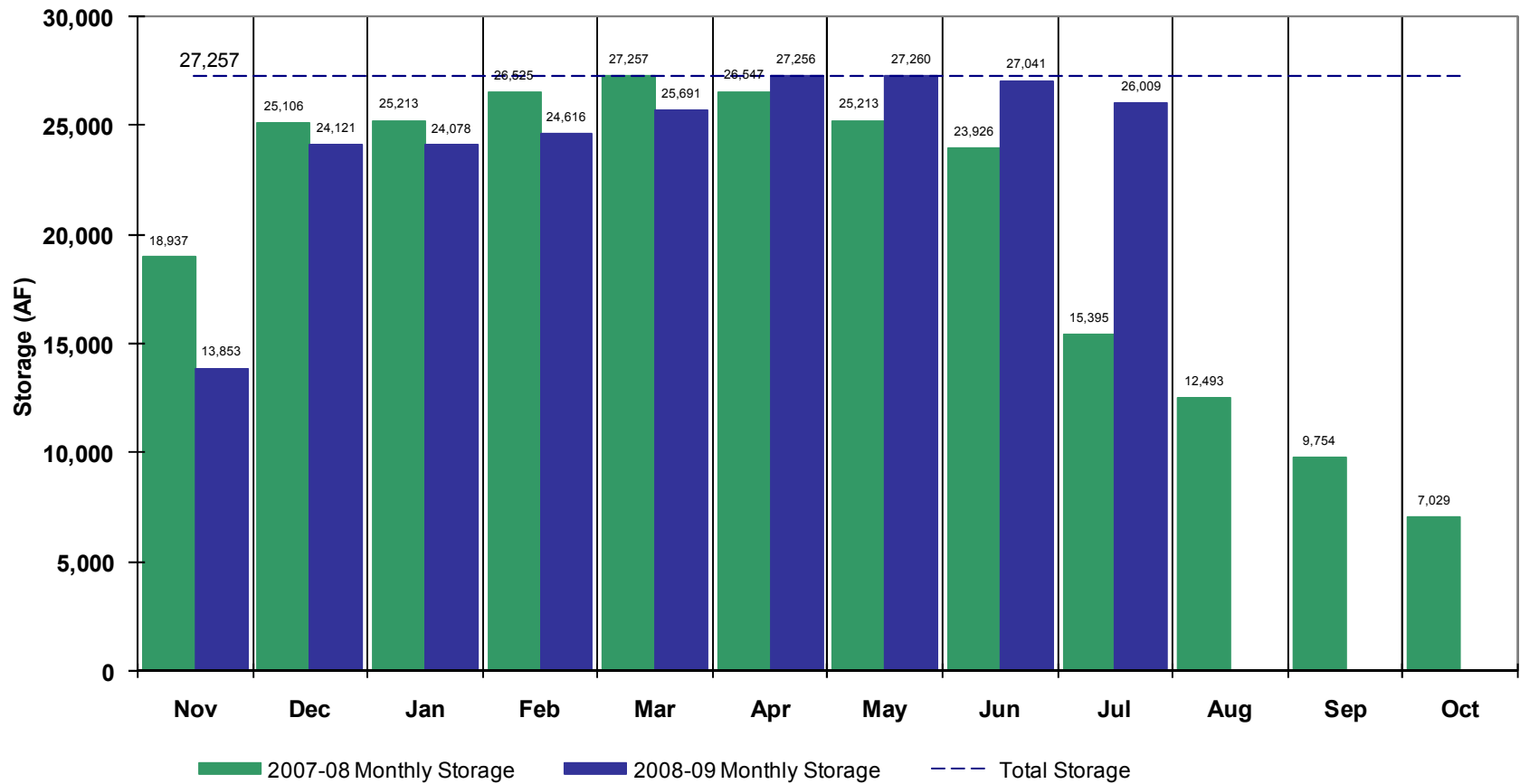
Prewitt Reservoir

(District 64-Agricultural)



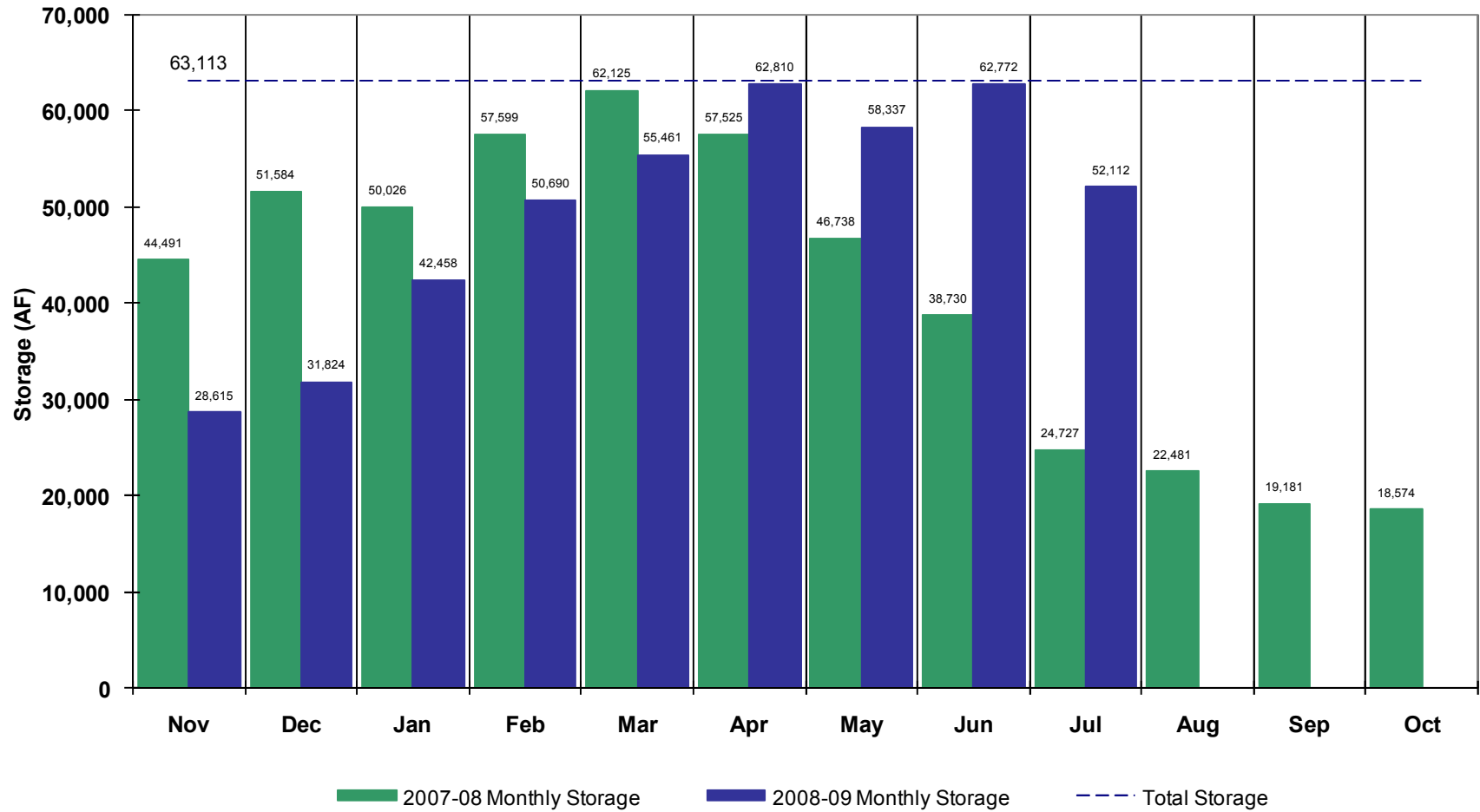
Jackson Reservoir

(District 1- Agricultural)



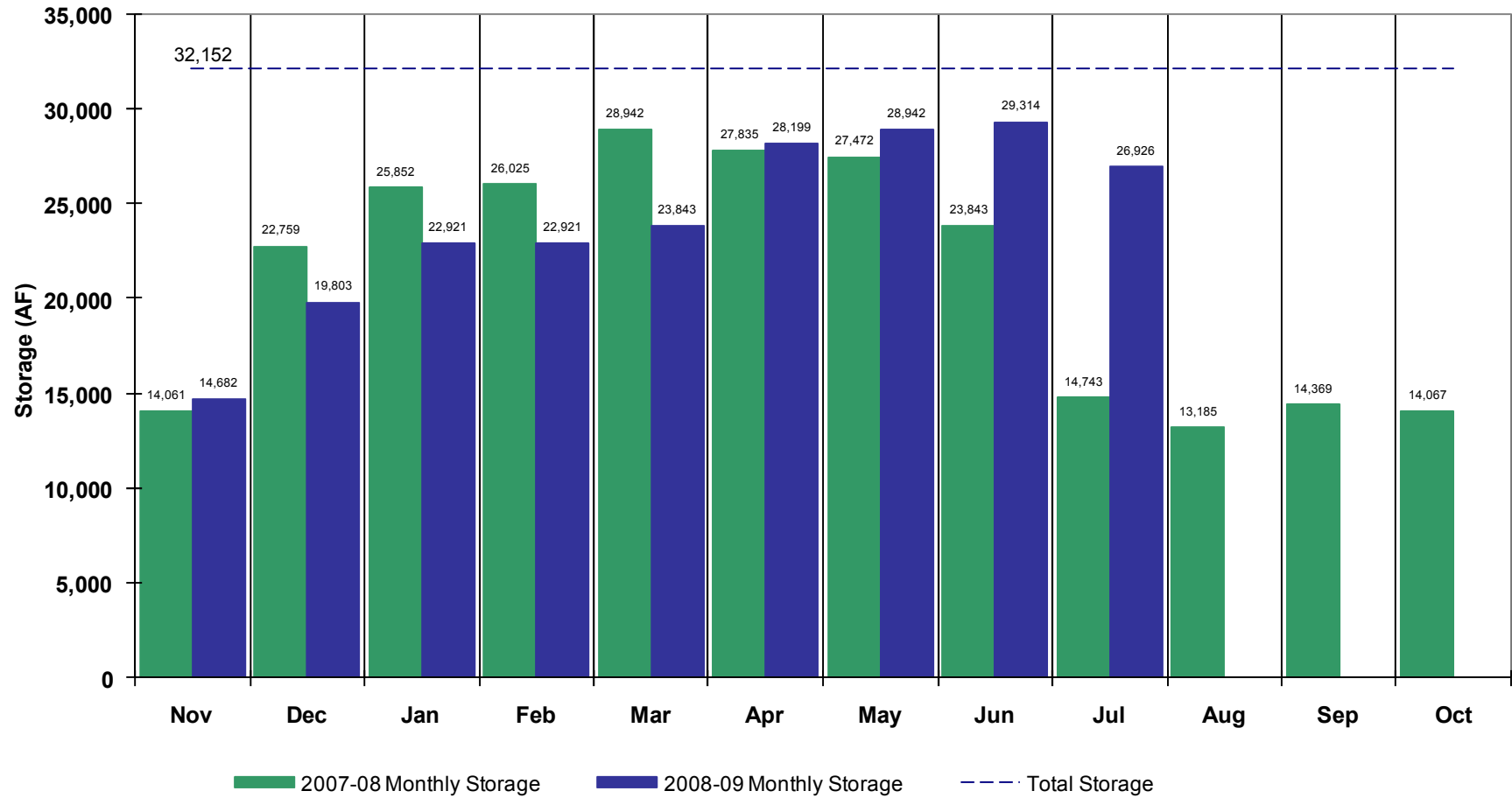
Riverside Reservoir

(District 1 - Agricultural)



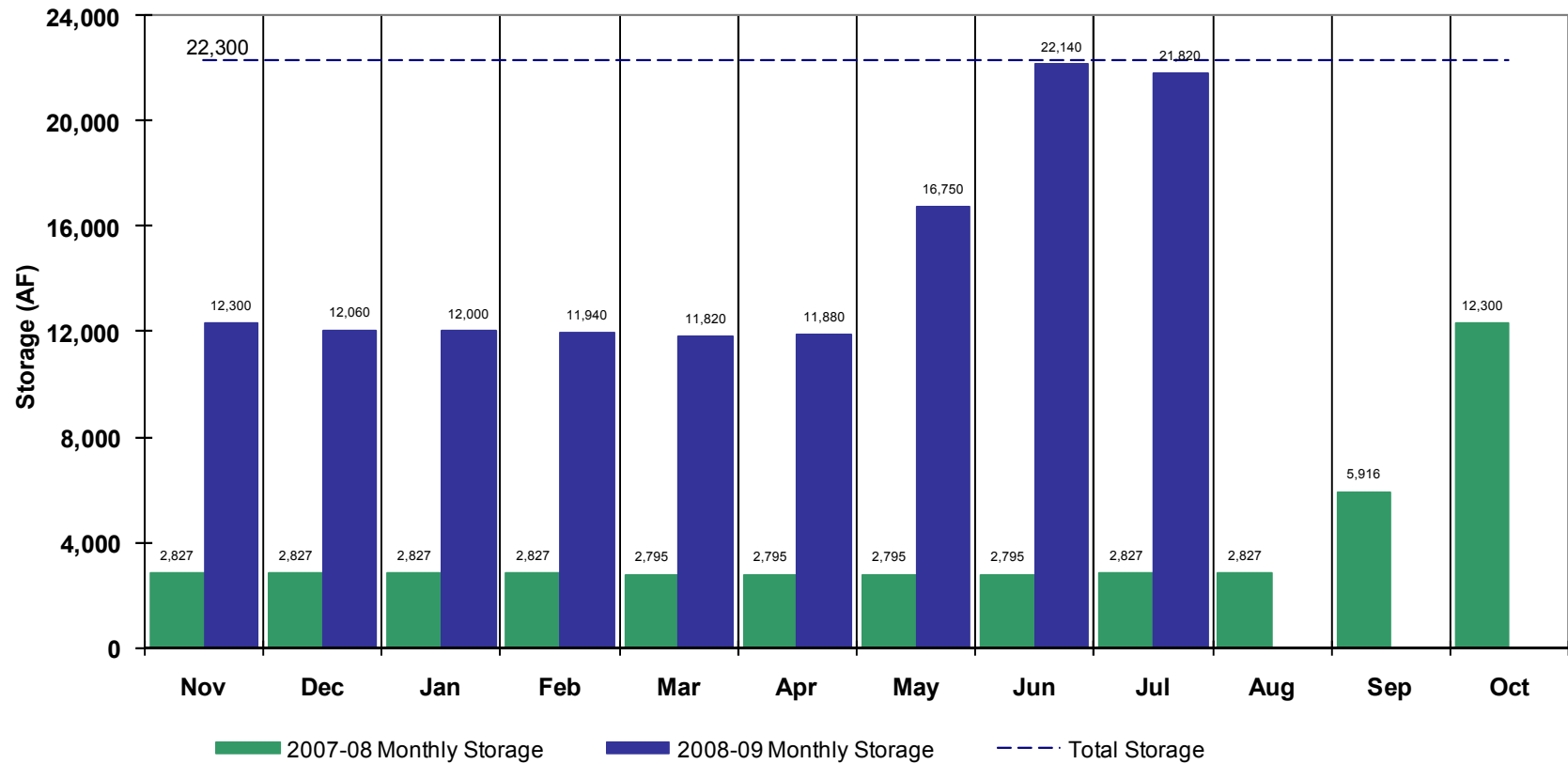
Barr Lake

(District 2 - Agricultural)



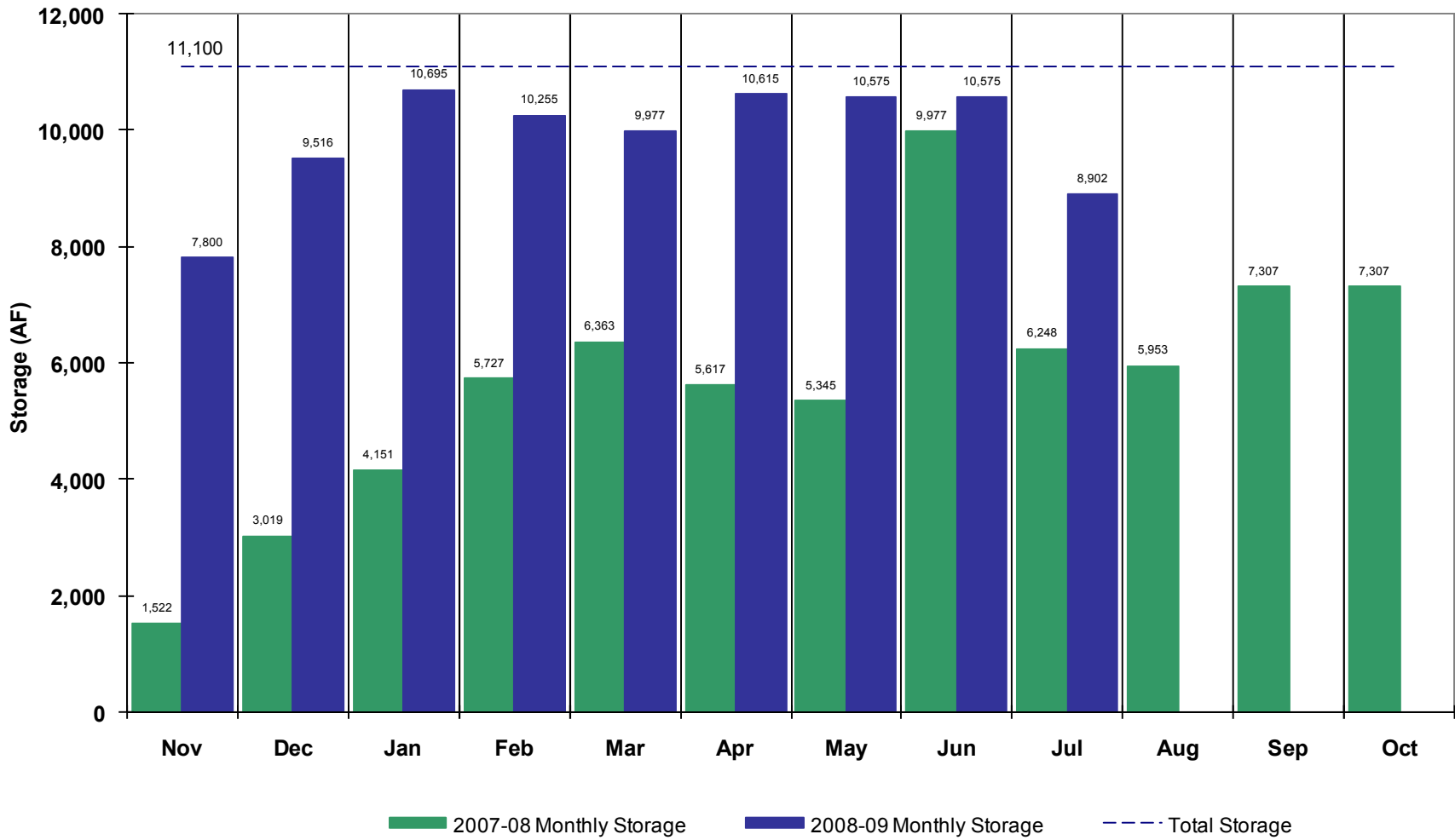
Cobb Lake

(District 3, Poudre River - Agricultural)



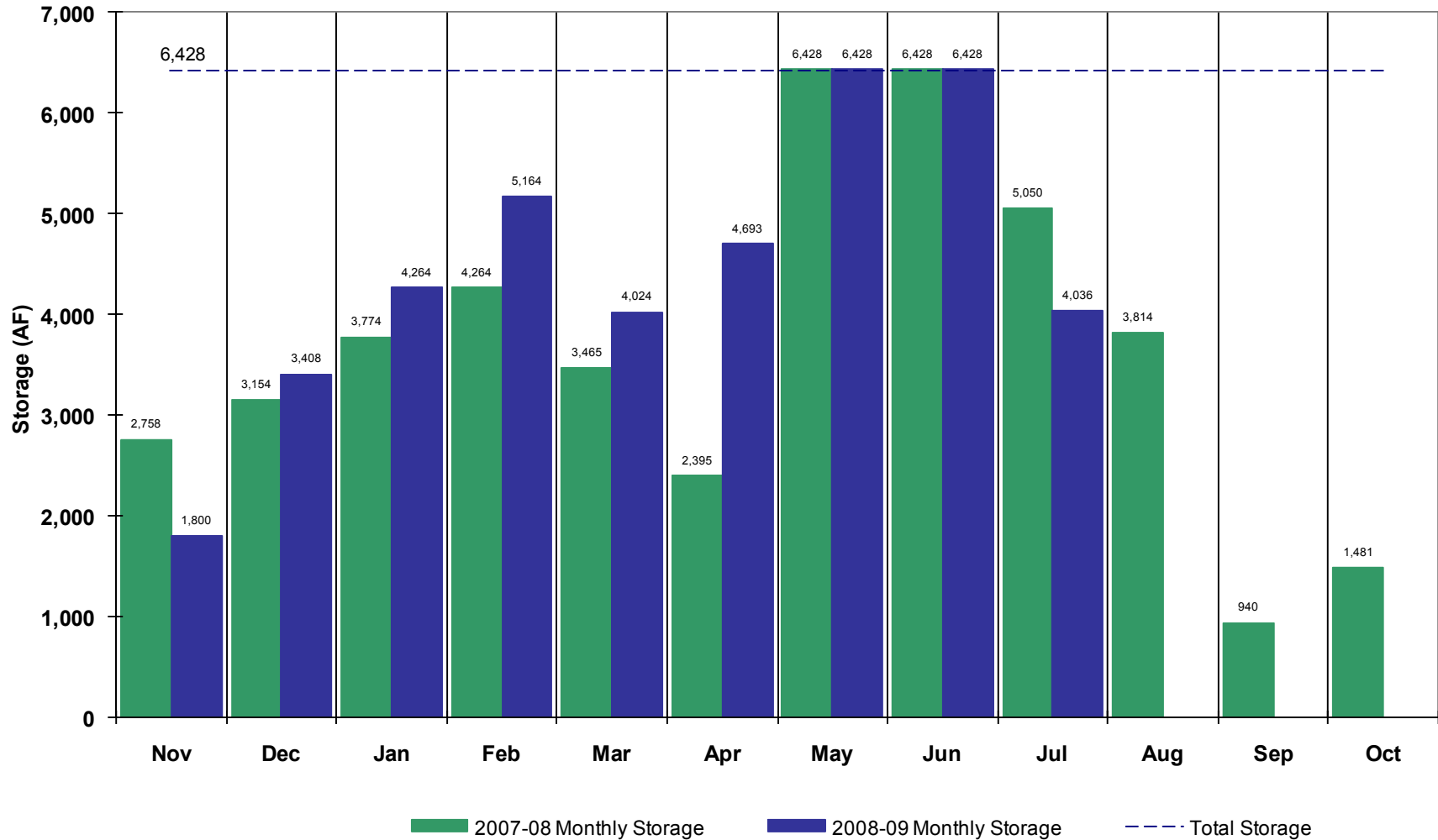
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



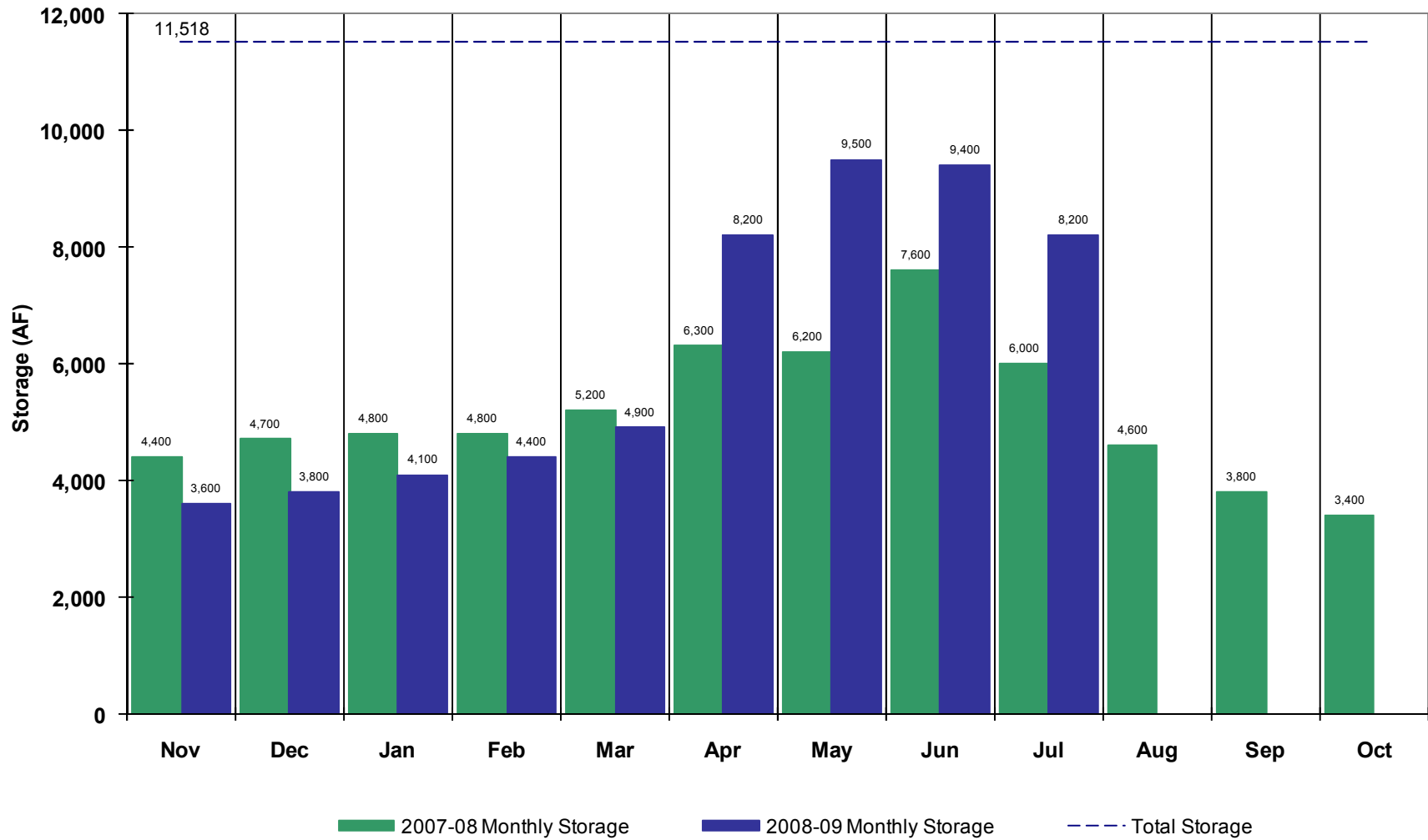
Halligan Reservoir

(District 3, Poudre River - Agricultural)



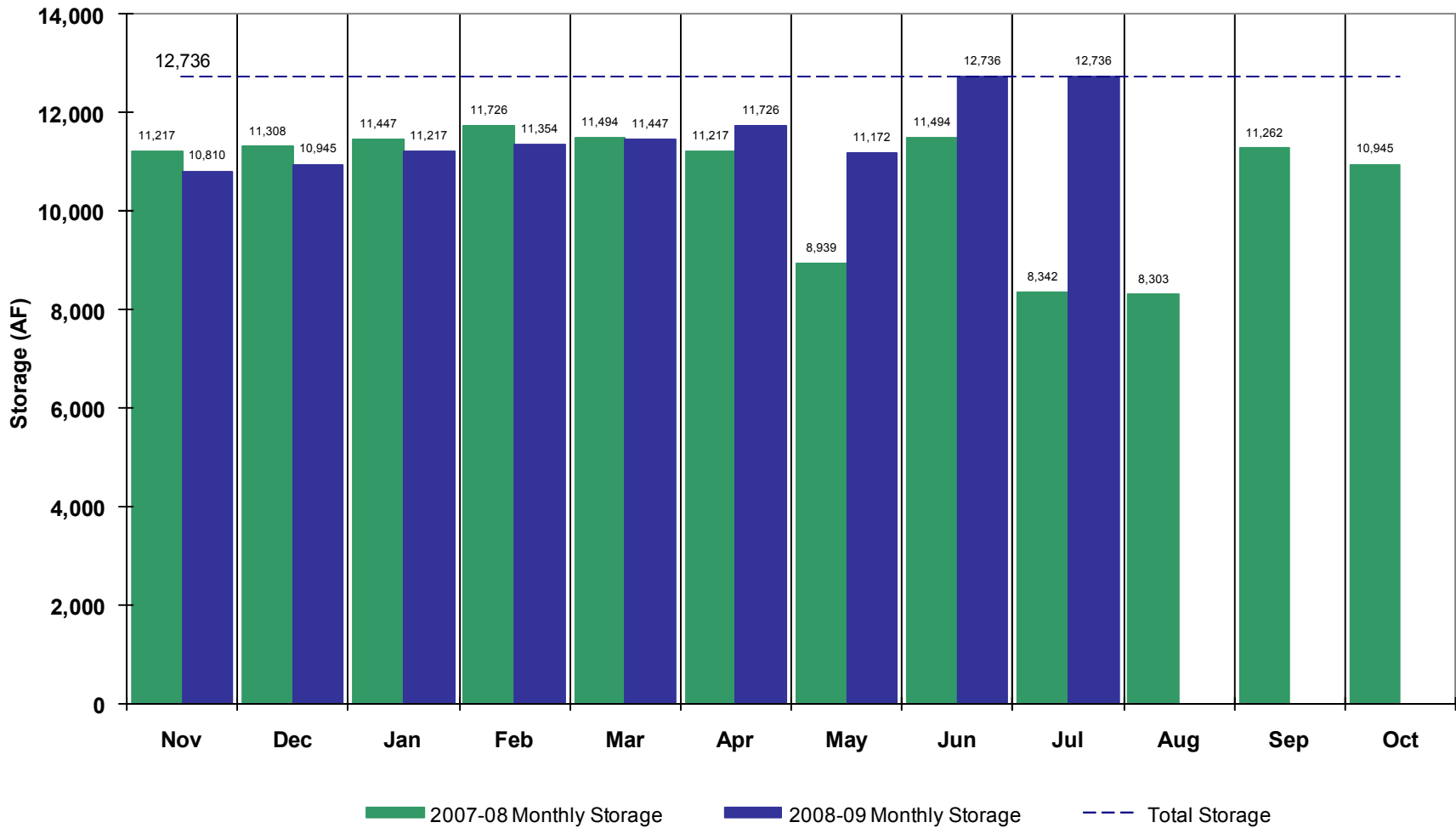
Marshall Lake

(District 6, Boulder Creek - Agricultural)



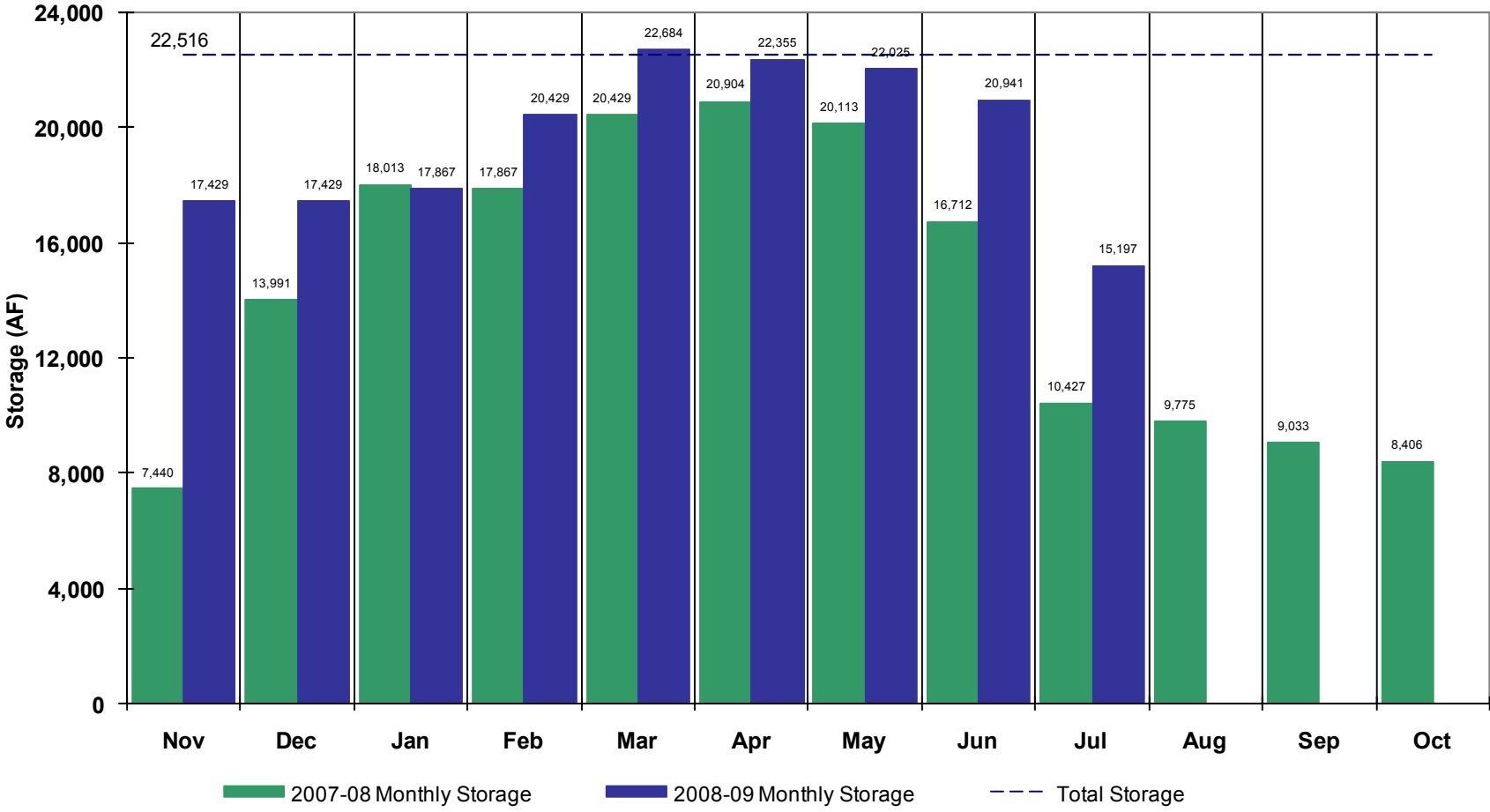
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



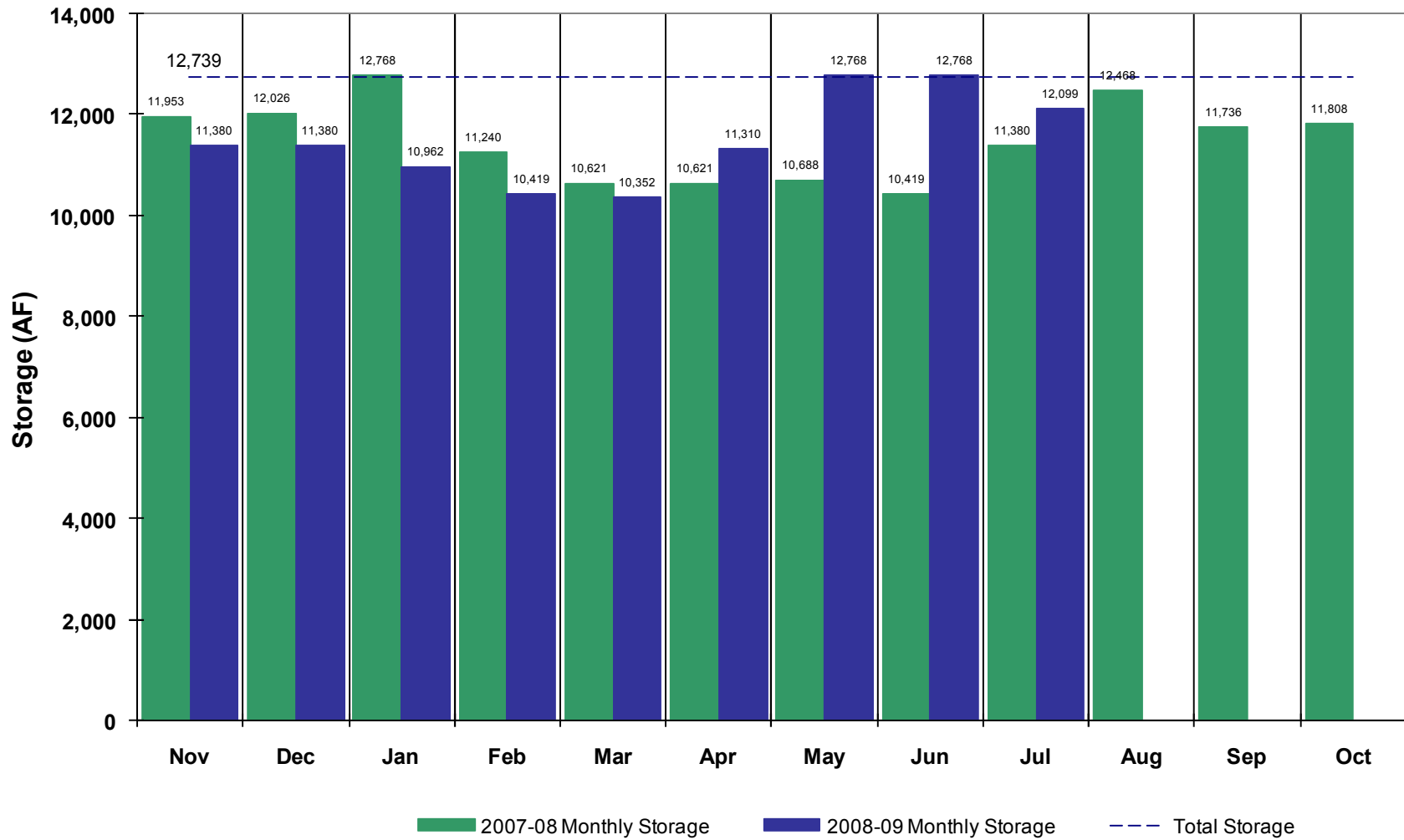
Milton Reservoir

(District 2 - Agricultural)

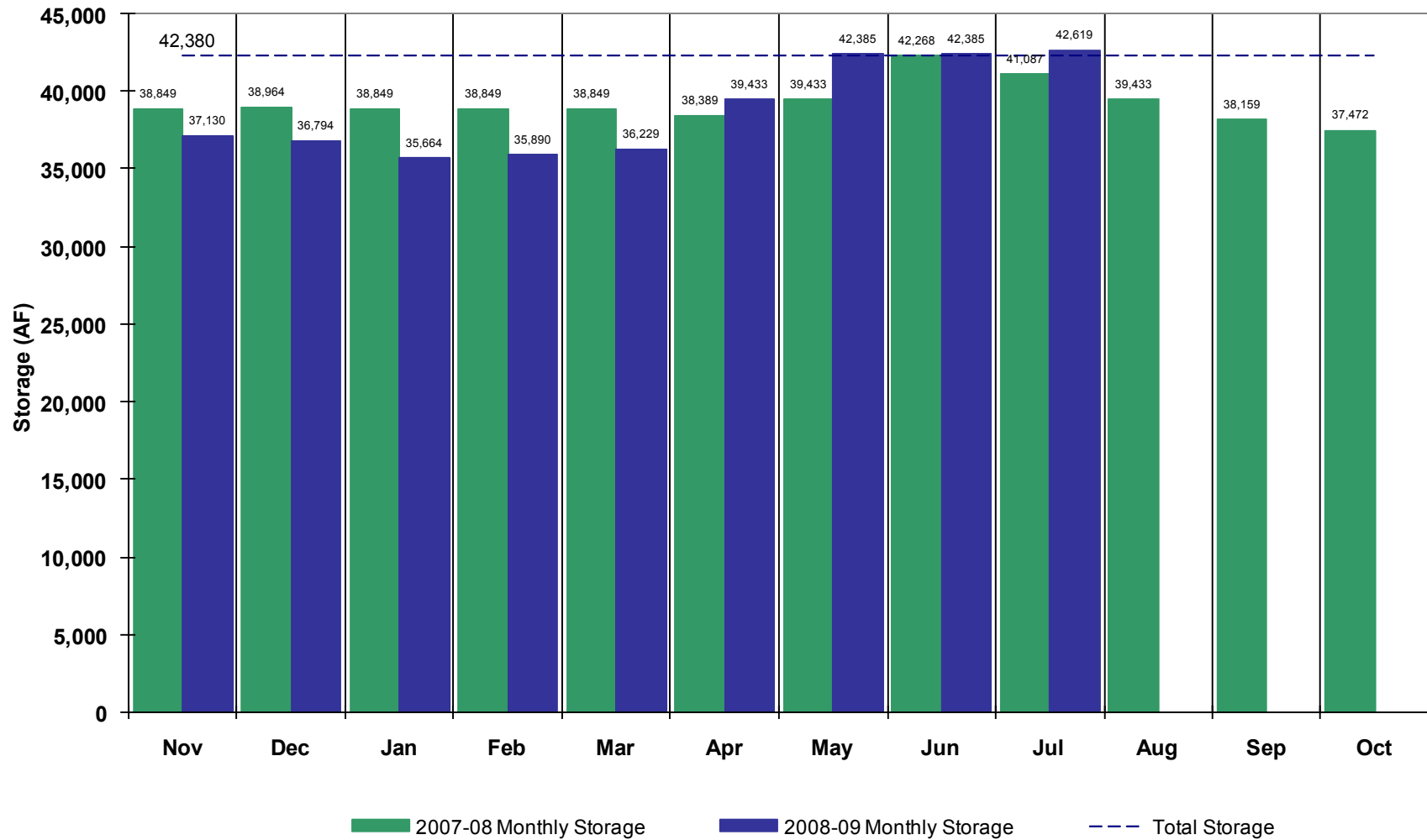


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

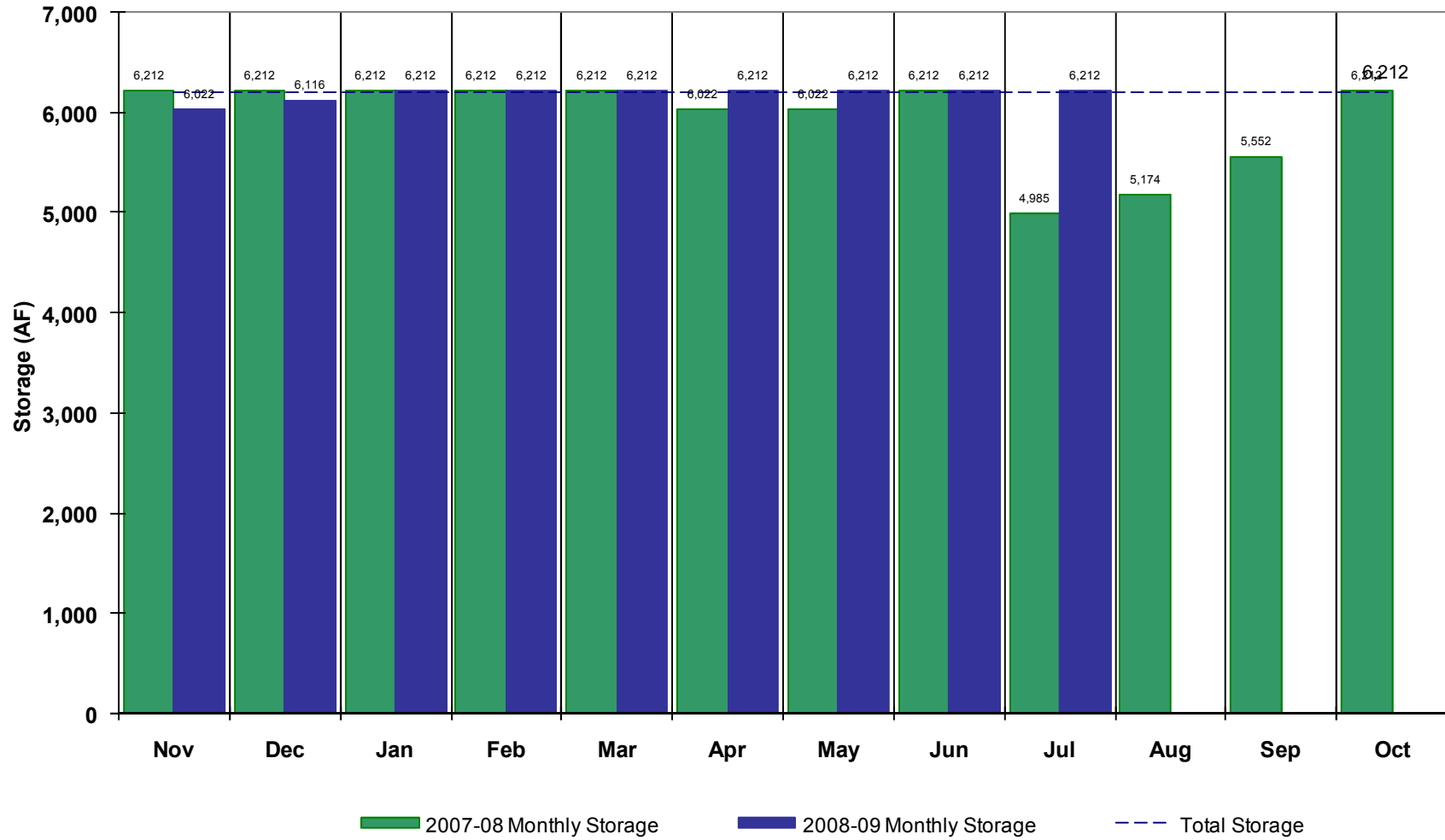


Standley Lake (Agricultural)



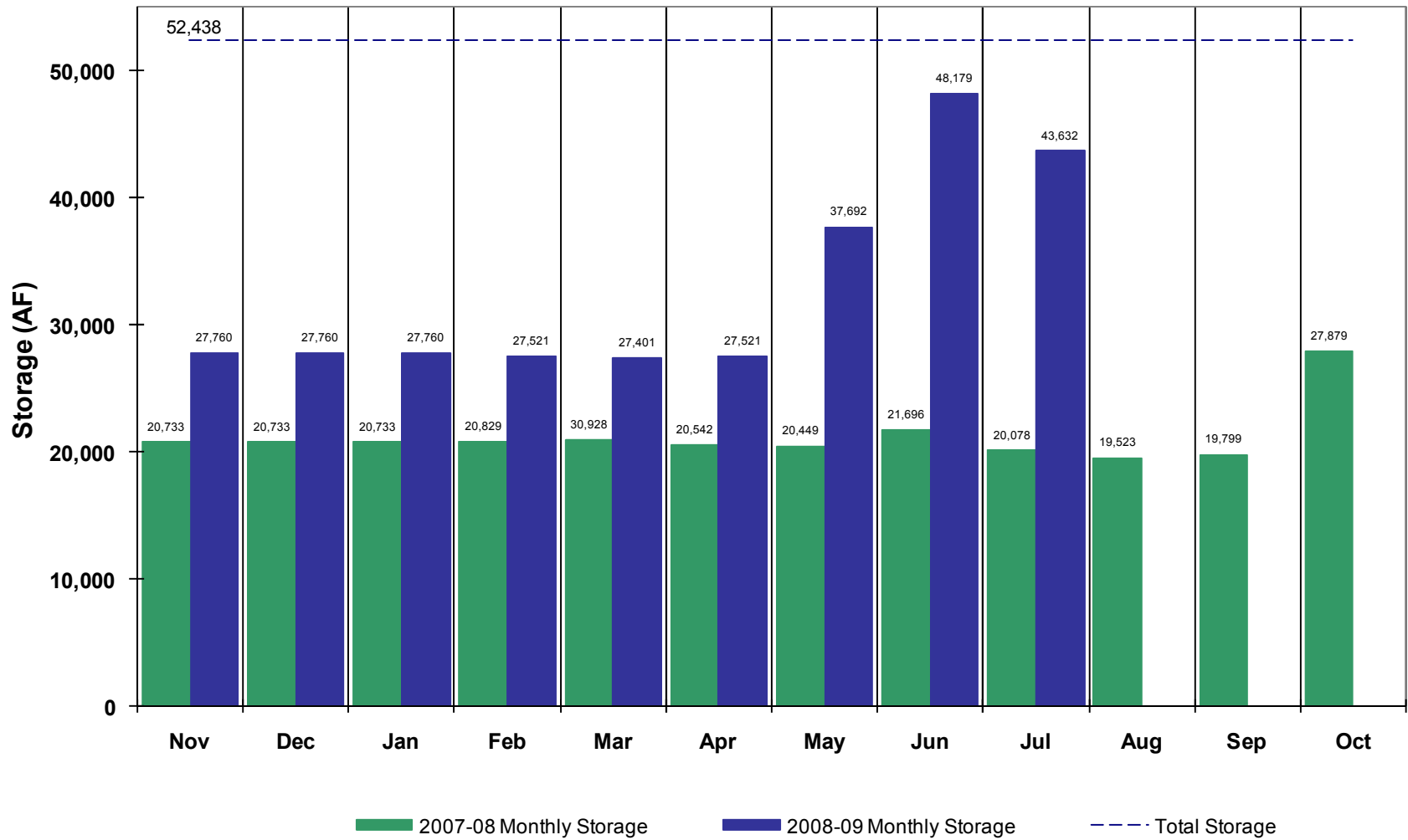
Lower Latham Reservoir

(District 2 - Agricultural)



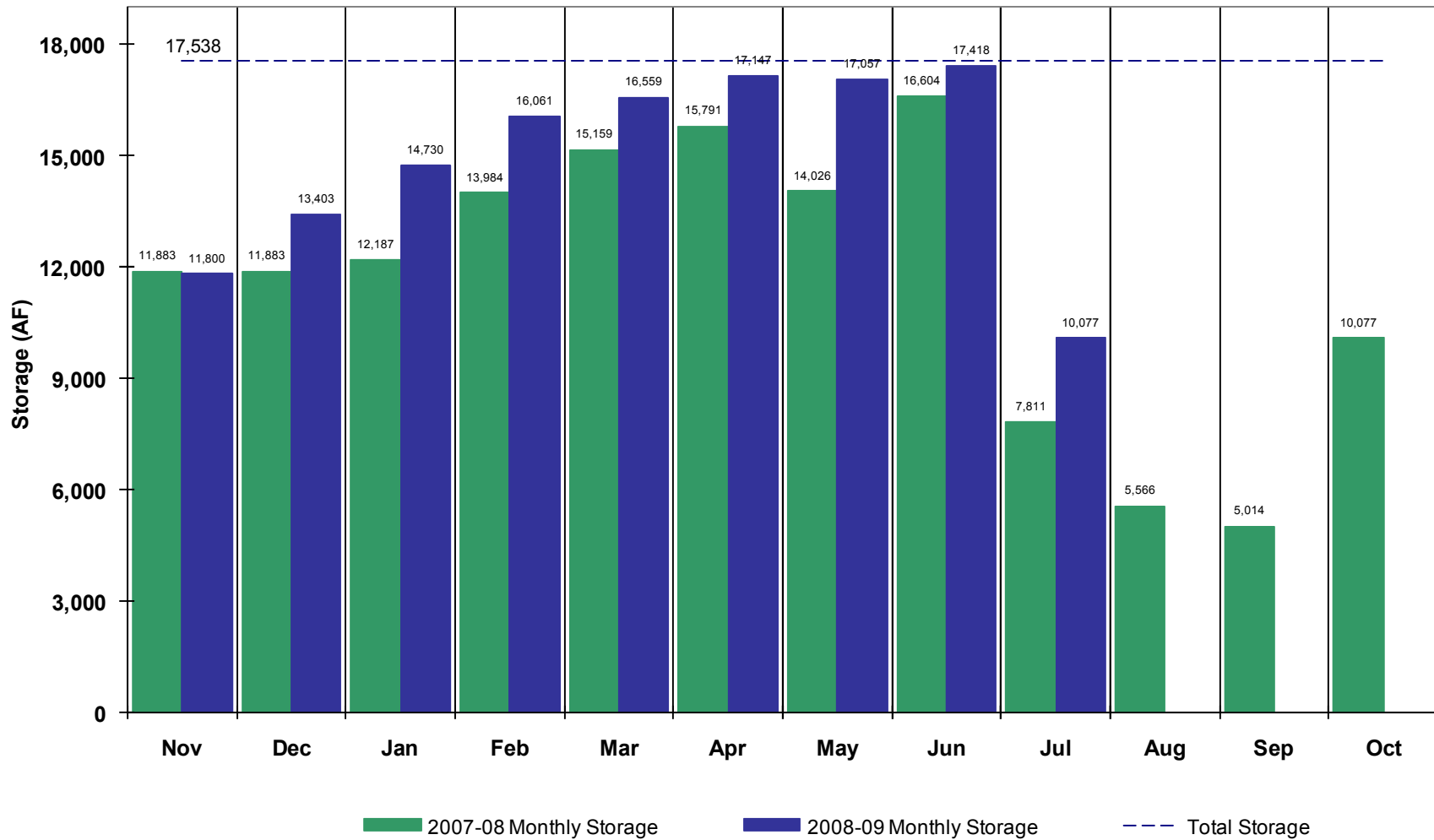
Boyd Lake

(District 4, Big Thompson River - Agricultural)



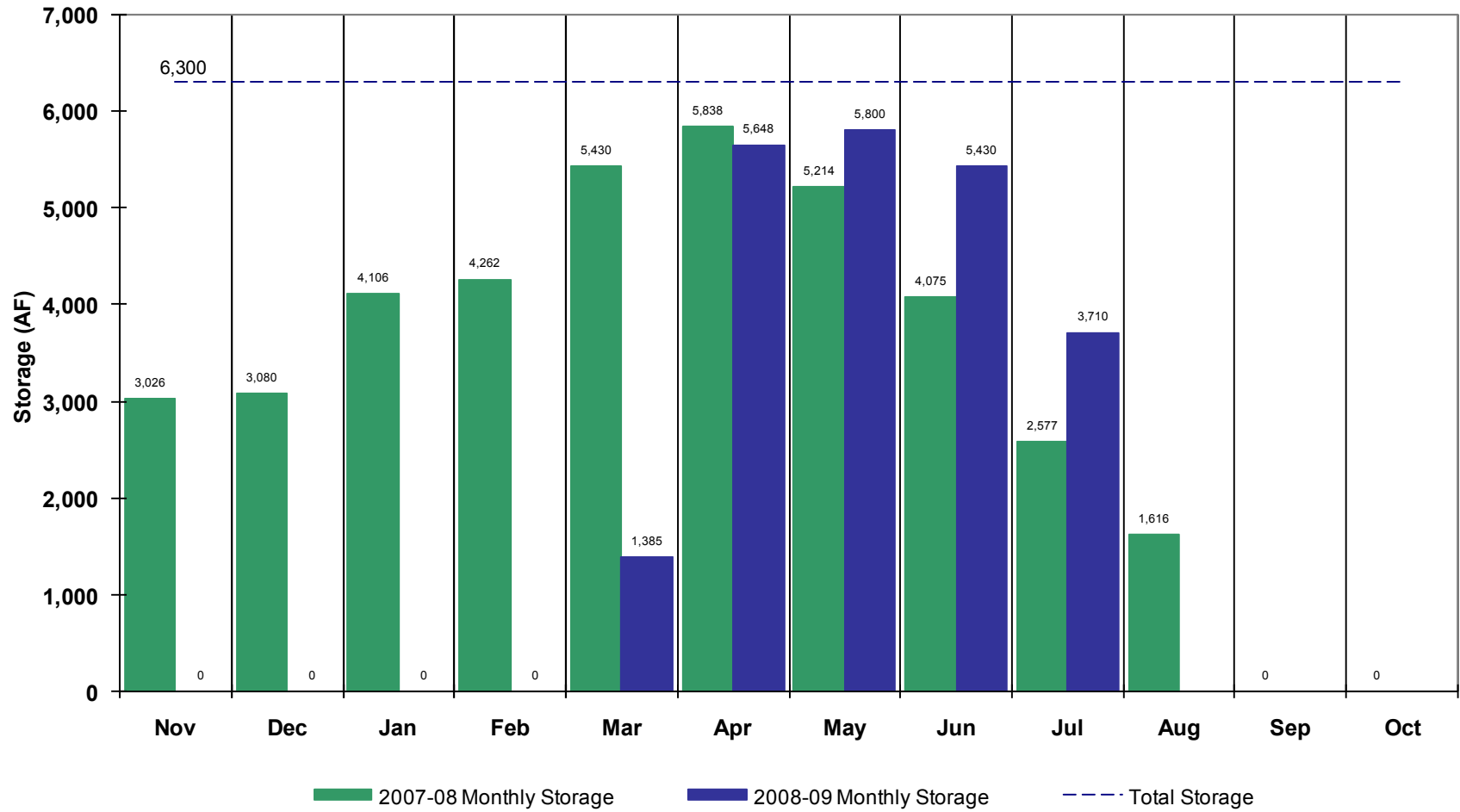
Windsor Reservoir

(District 3, Poudre River - Agricultural)



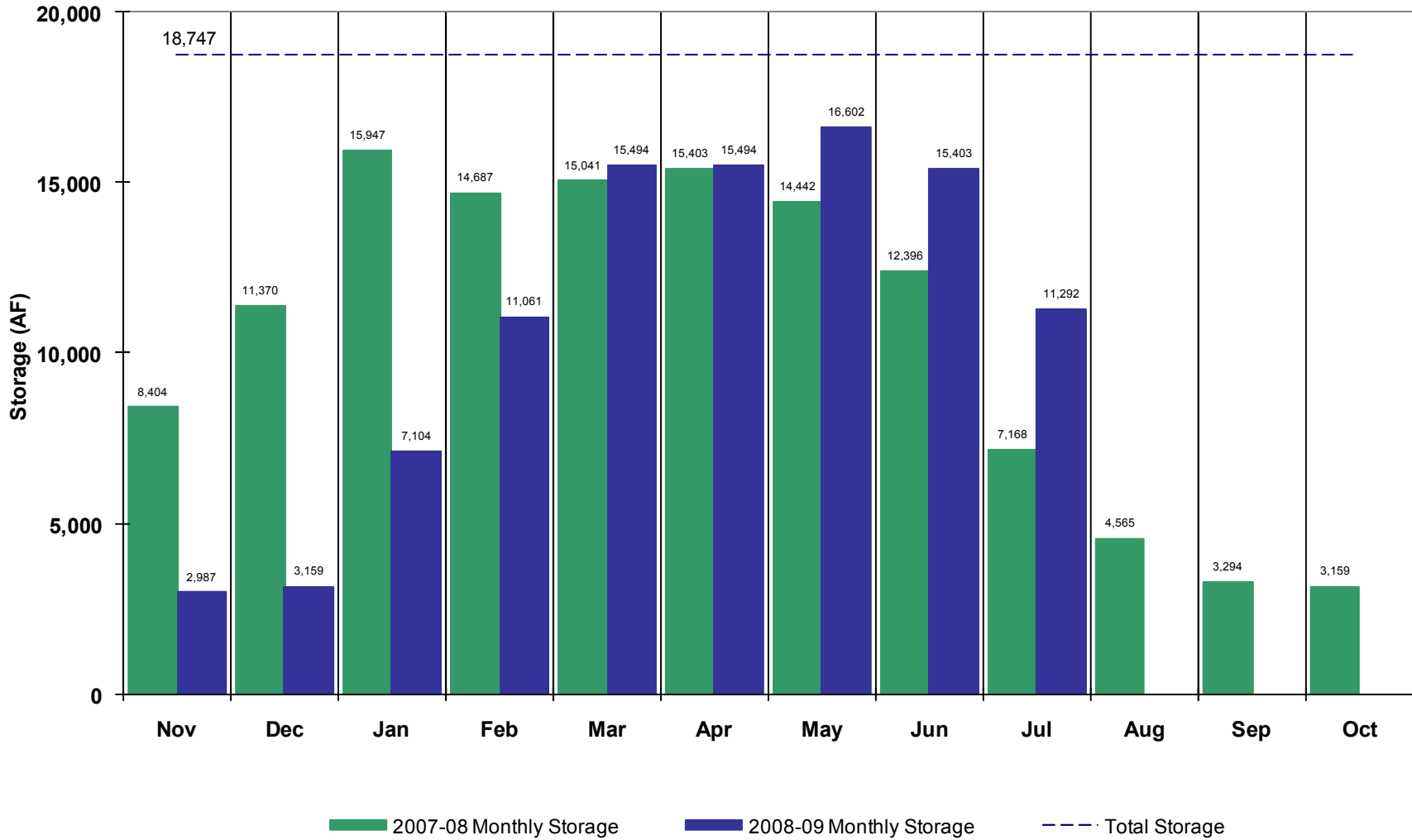
Prospect Reservoir

(District 1- Agricultural)

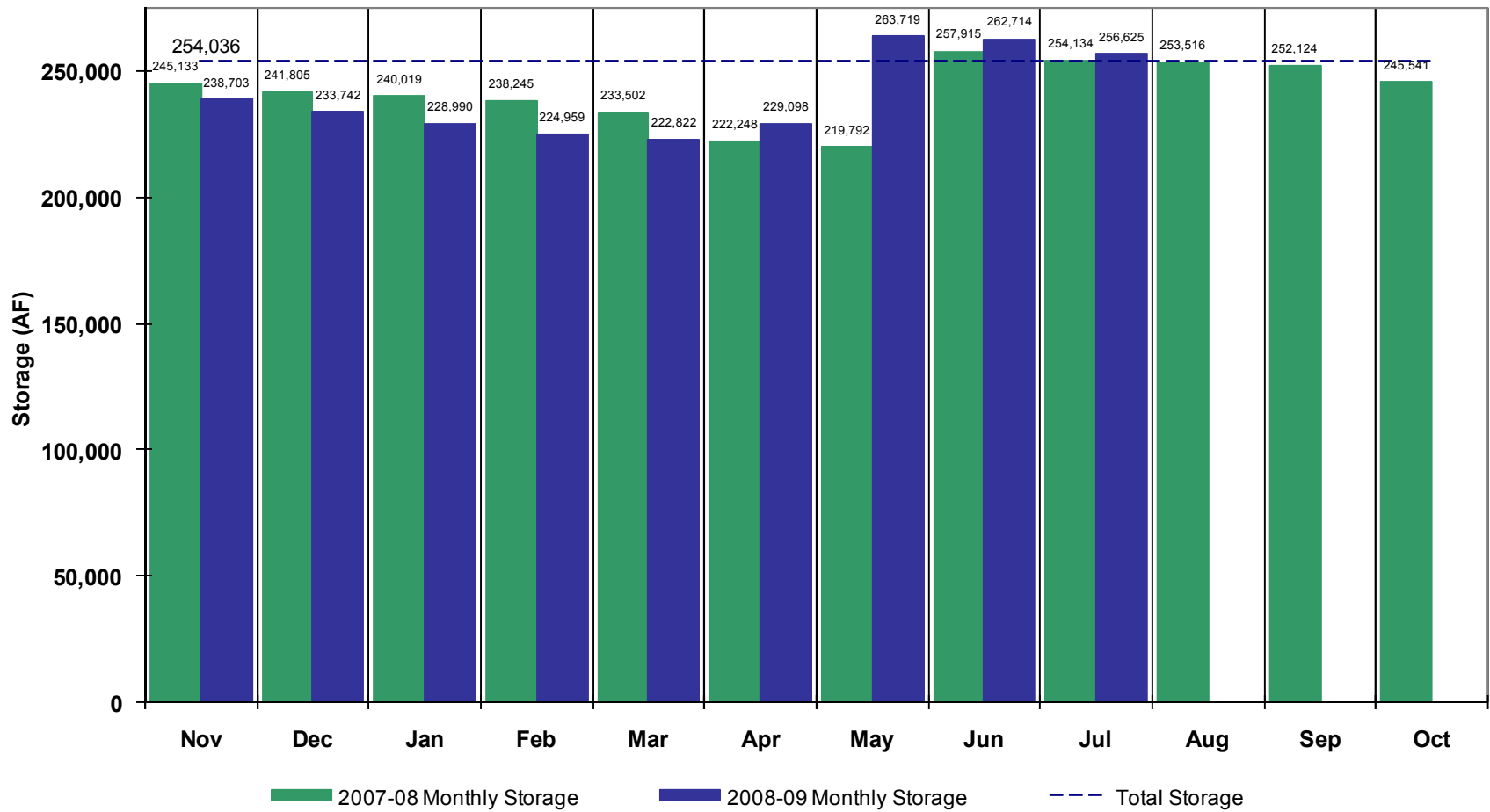


Horse Creek Reservoir

(District 1 - Agricultural)

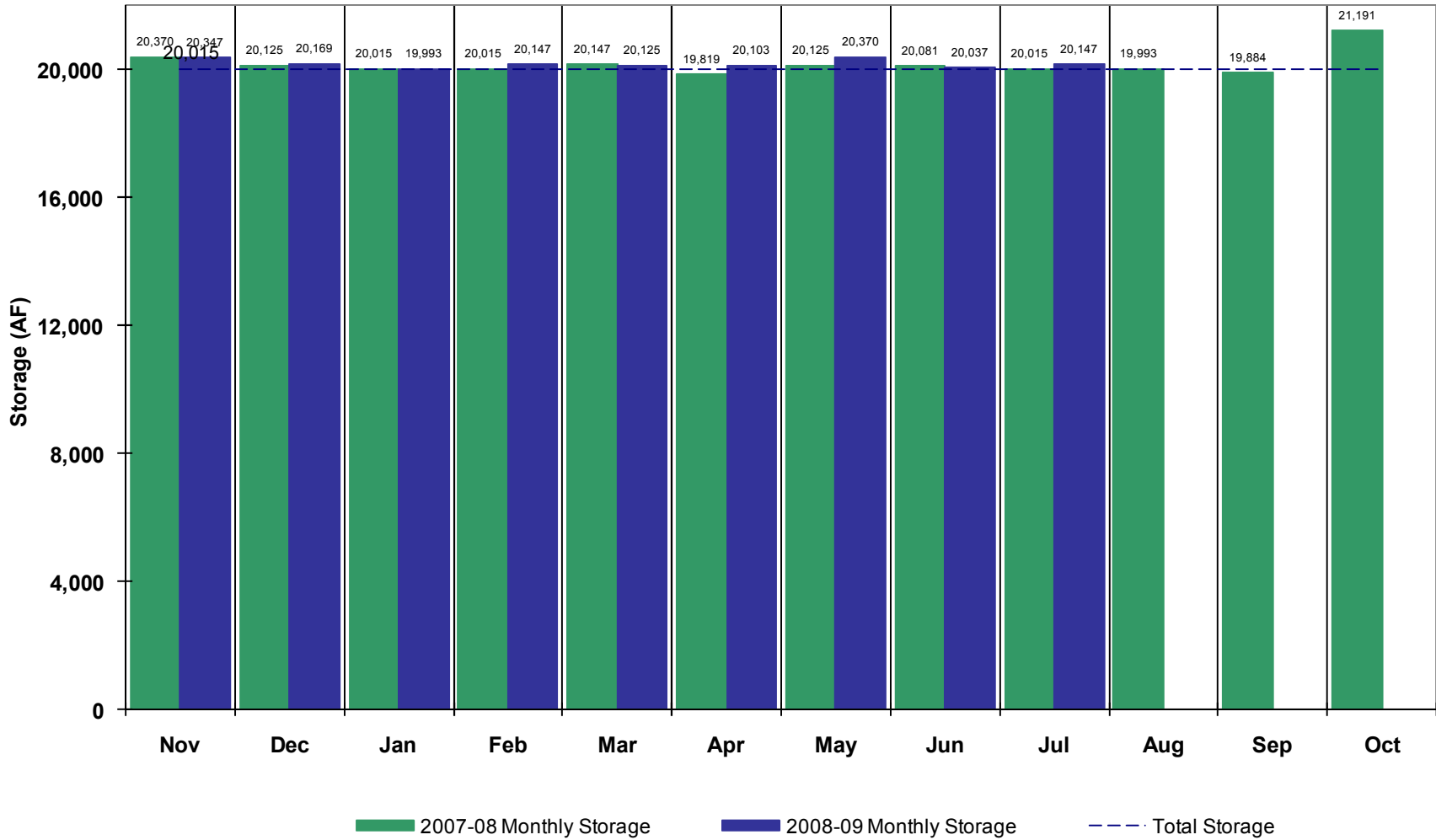


Dillon Reservoir (Municipal)



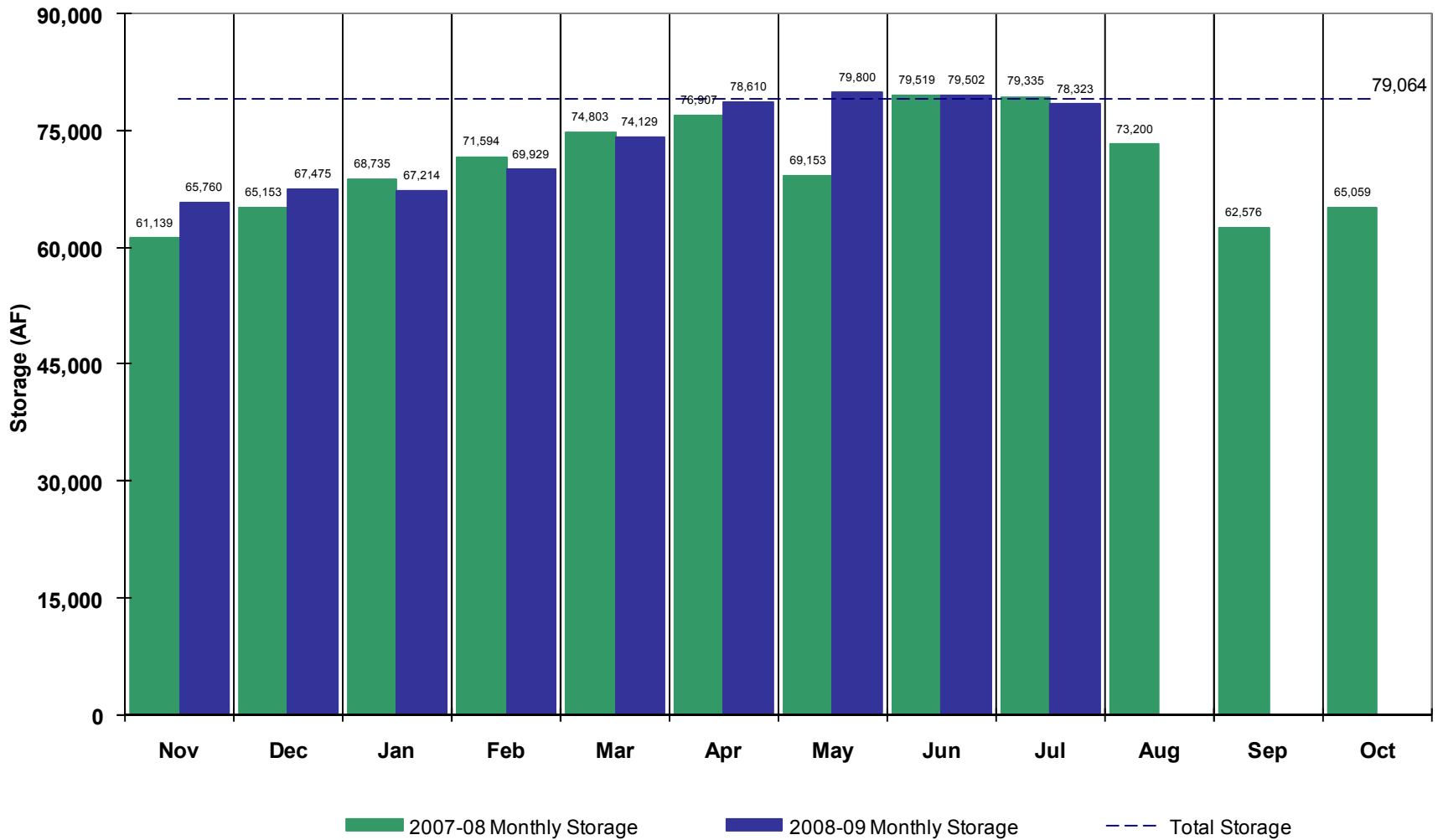
Antero Reservoir

(District 23 - Municipal)



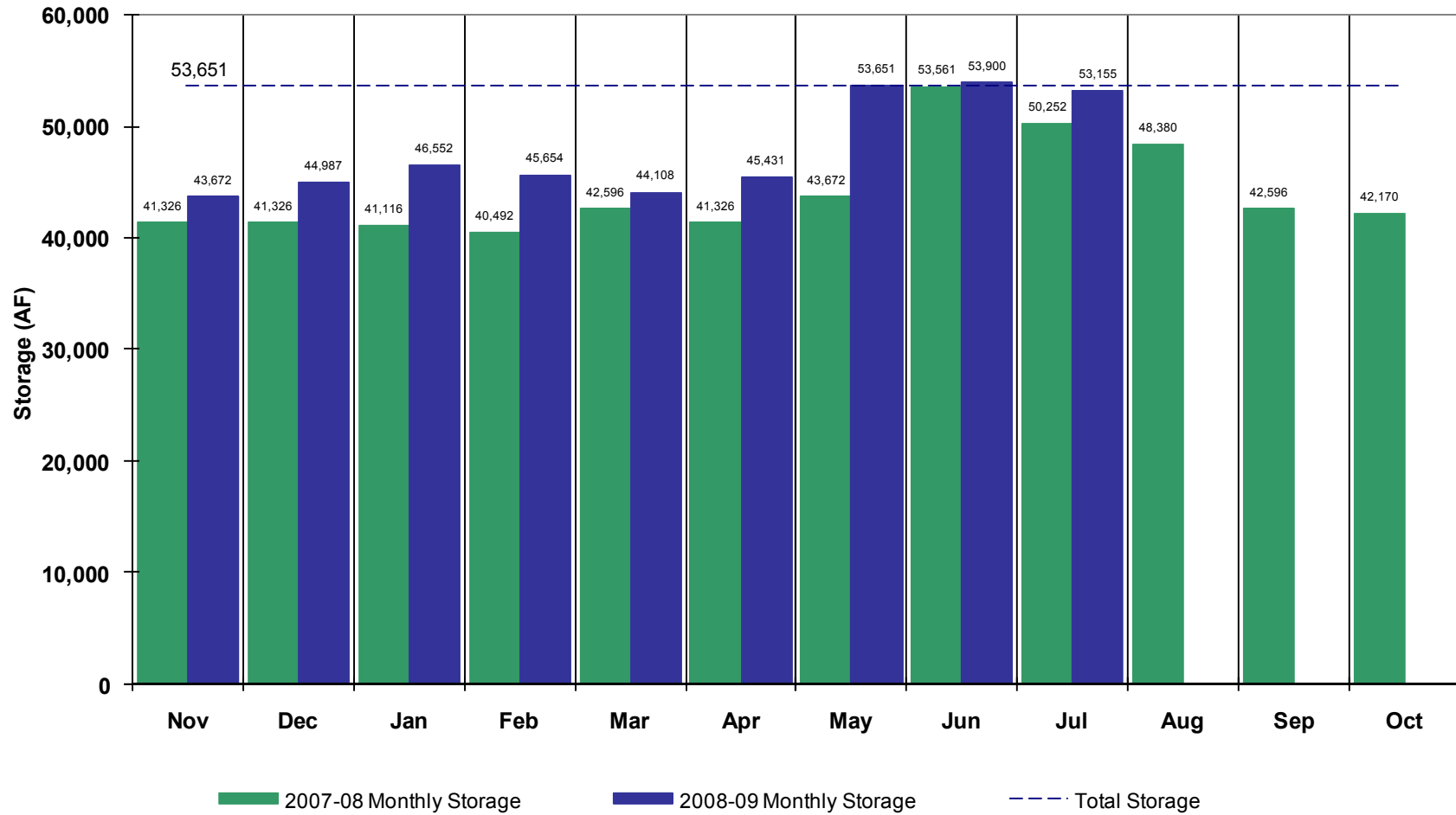
Cheesman Reservoir

(District 80 - Municipal)



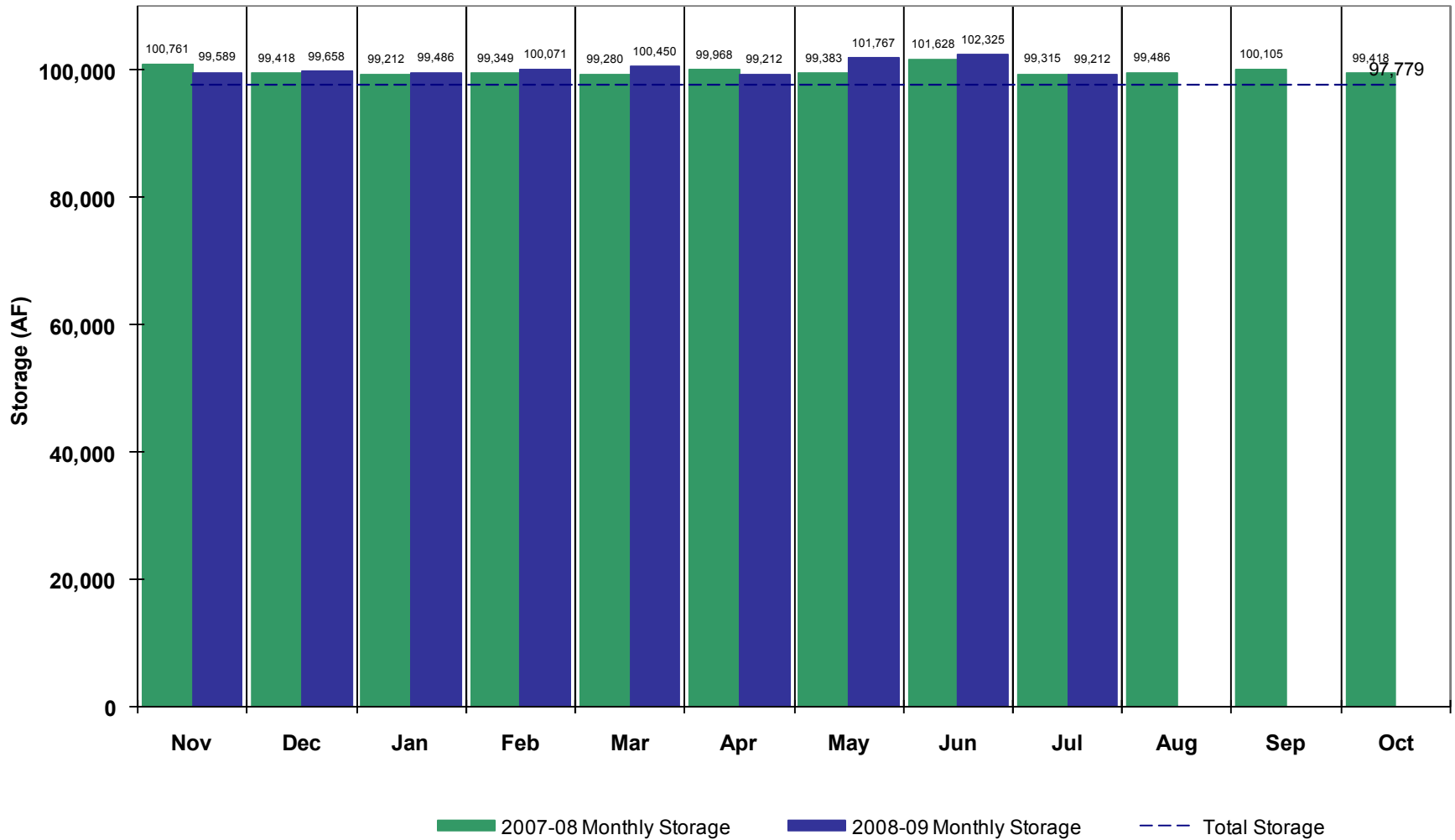
Spinney Mountain Reservoir

(District 23 - Municipal)

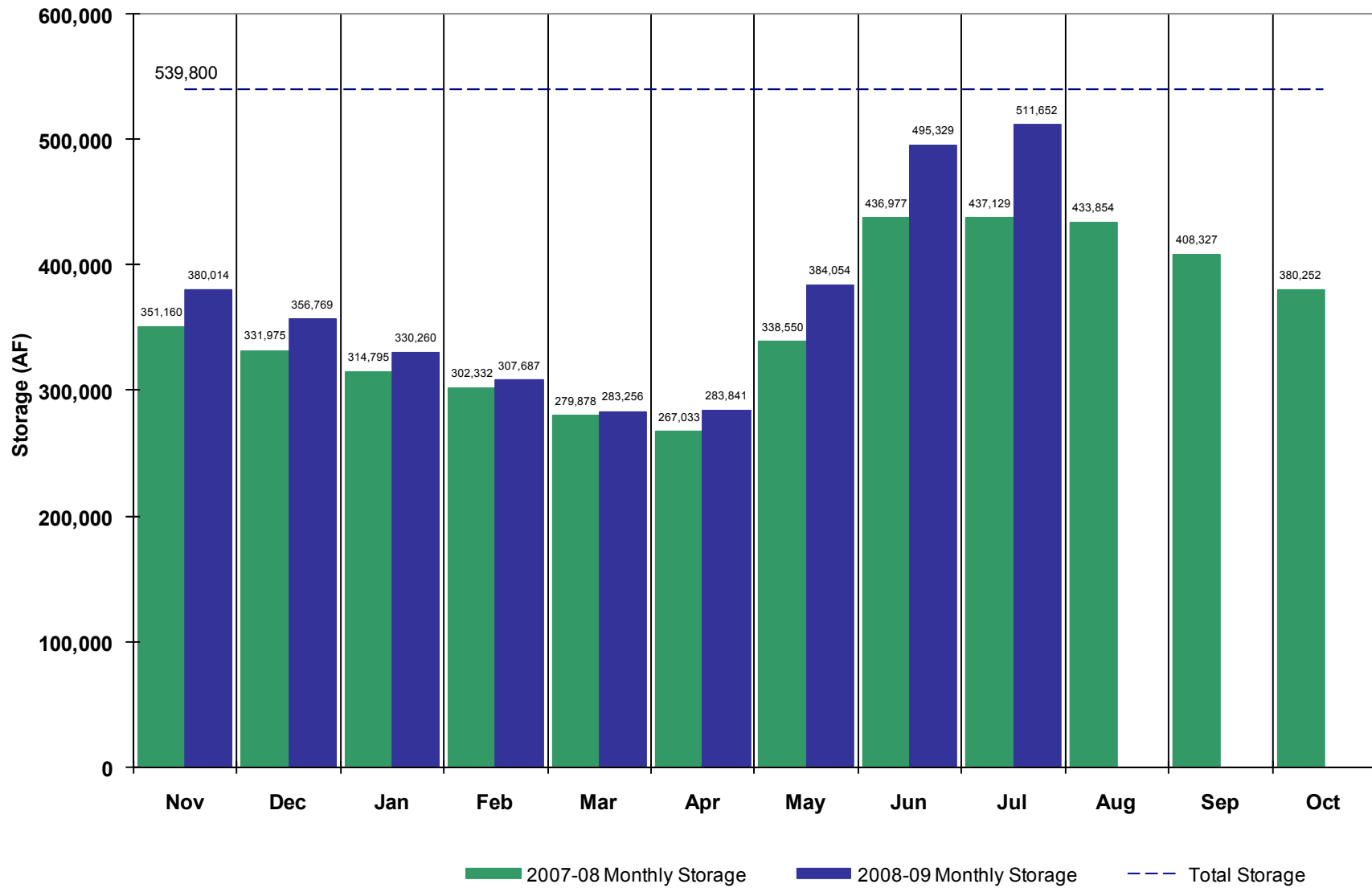


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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



**Deckers Flood
(Photo by Claudia Engelmann)**