

South Platte Summary

SEPTEMBER 2010



Compiled by Lee Cuning, P.E.



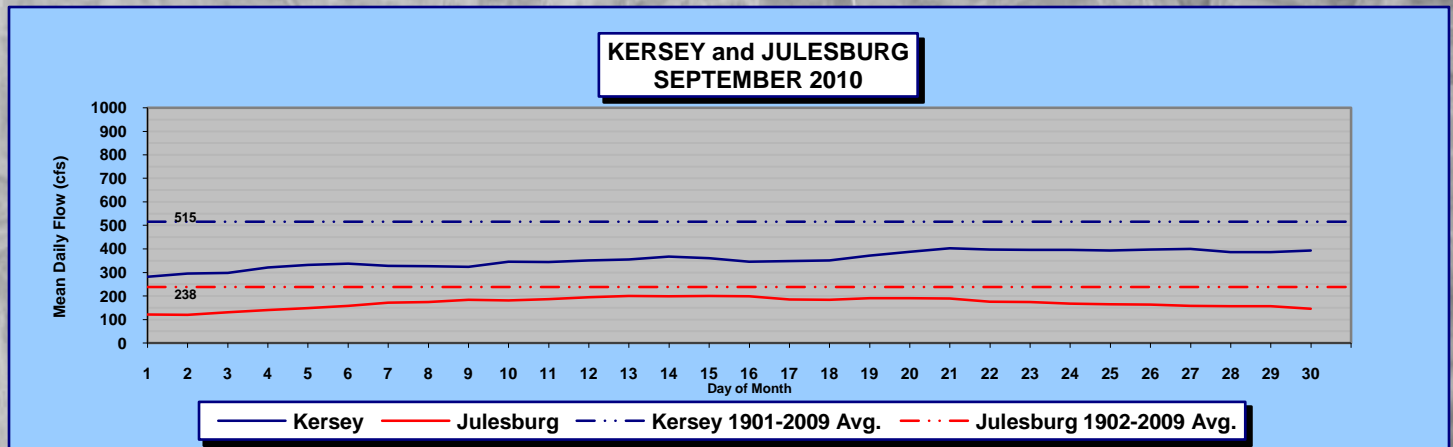
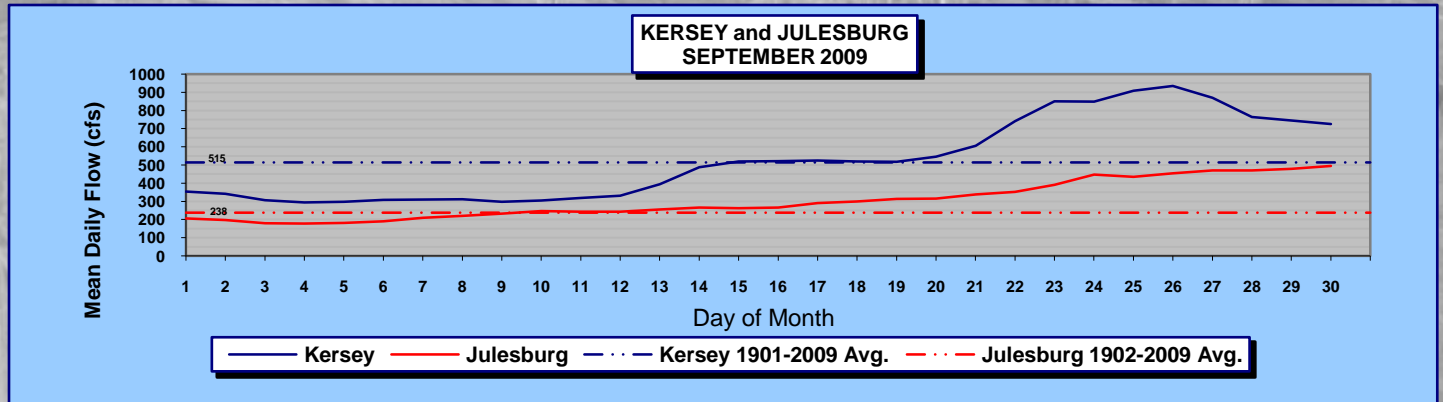
Laramie River Basin

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

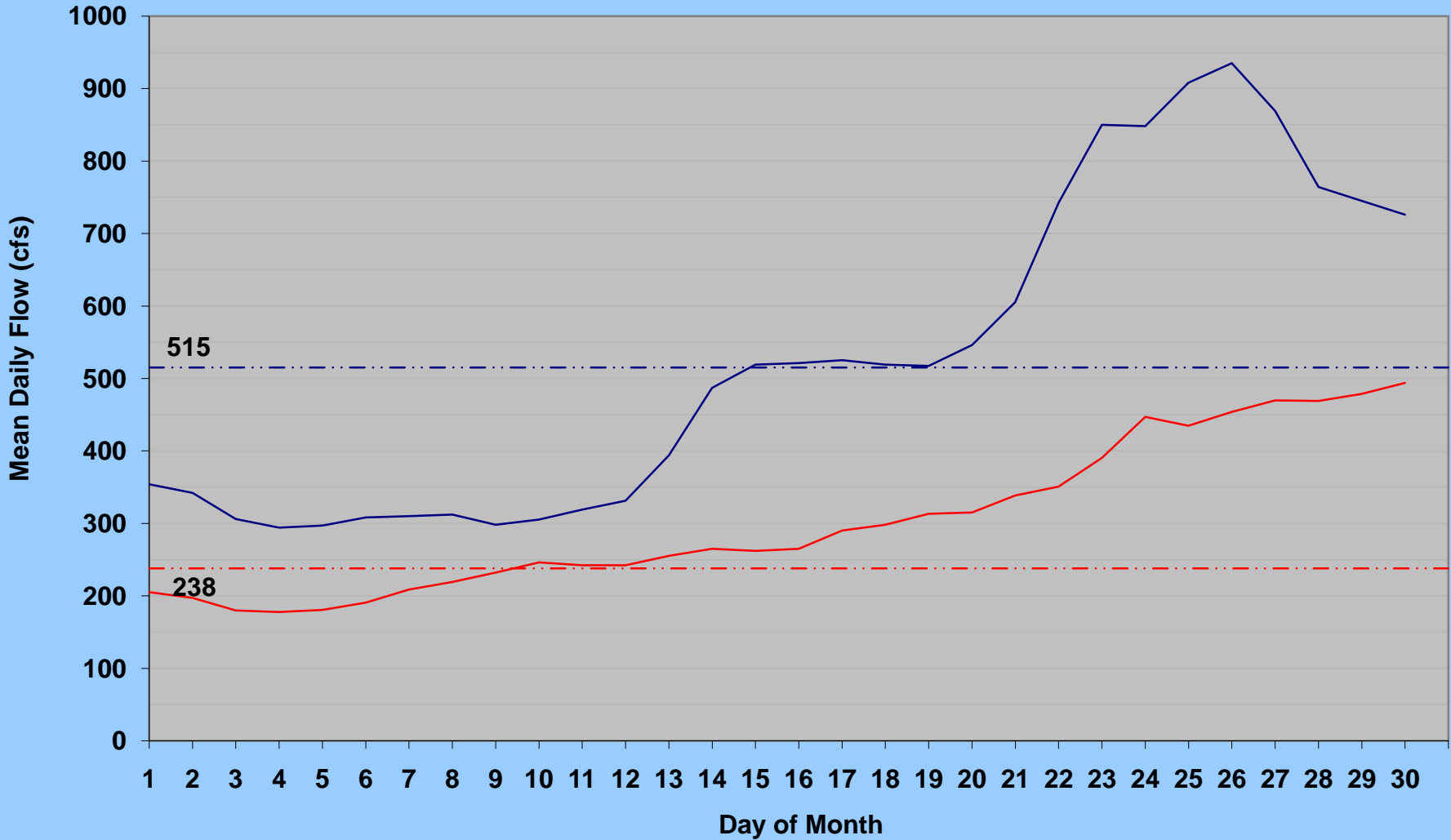
MONTH OF SEPTEMBER 2010

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	12,647	8,618	64	-4,029	-32%	38%	58%	0
N STERLING	73,730	28,995	15,537	64	-13,458	-46%	21%	34%	0
PREWITT	28,500	22,096	20,972	64	-1,124	-5%	74%	81%	0
JACKSON	27,257	21,215	15,471	1	-5,744	-27%	57%	67%	0
EMPIRE	37,700	11,764	8,285	1	-3,479	-30%	22%	12%	0
RIVERSIDE	63,113	29,565	22,130	1	-7,435	-25%	35%	51%	0
BARR LAKE	31,652	12,418	6,448	2	-5,970	-48%	20%	43%	0
CHEESMAN	79,064	78,063	77,311	80	-752	-1%	98%	88%	0
ELEVEN MILE	97,779	98,596	98,938	23	342	0%	100%	100%	1,159
SPINNEY	53,651	50,727	43,890	23	-6,837	-13%	82%	83%	0
ANTERO	20,015	19,798	19,284	23	-514	-3%	96%	99%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	357
JULESBURG	170
THIS MONTH LAST YEAR	
KERSEY	527
JULESBURG	304
MEAN FOR PERIOD OF RECORD*	
KERSEY	515
JULESBURG	238
* 1901-2009	
1902-2009	

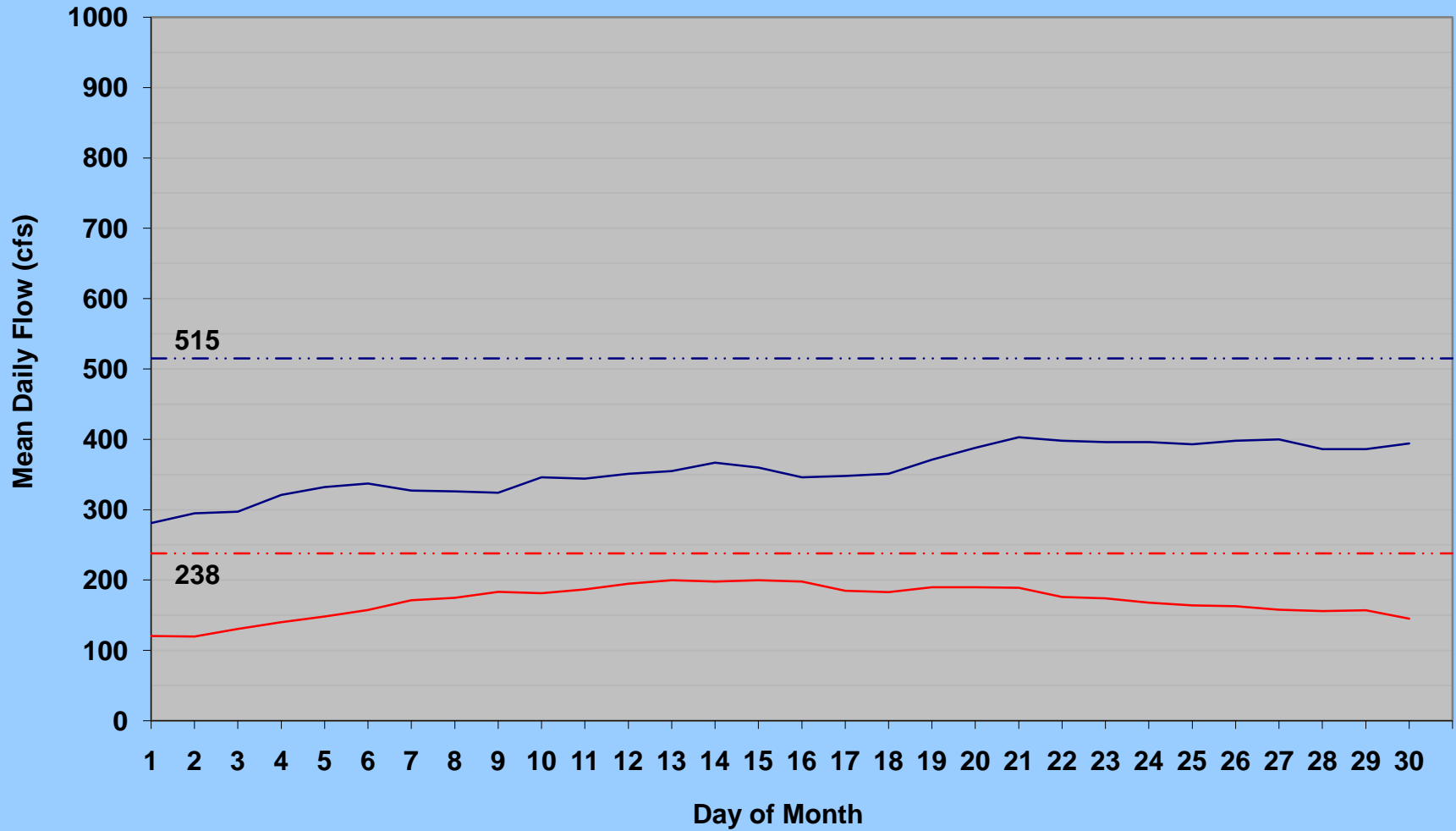


KERSEY and JULESBURG SEPTEMBER 2009



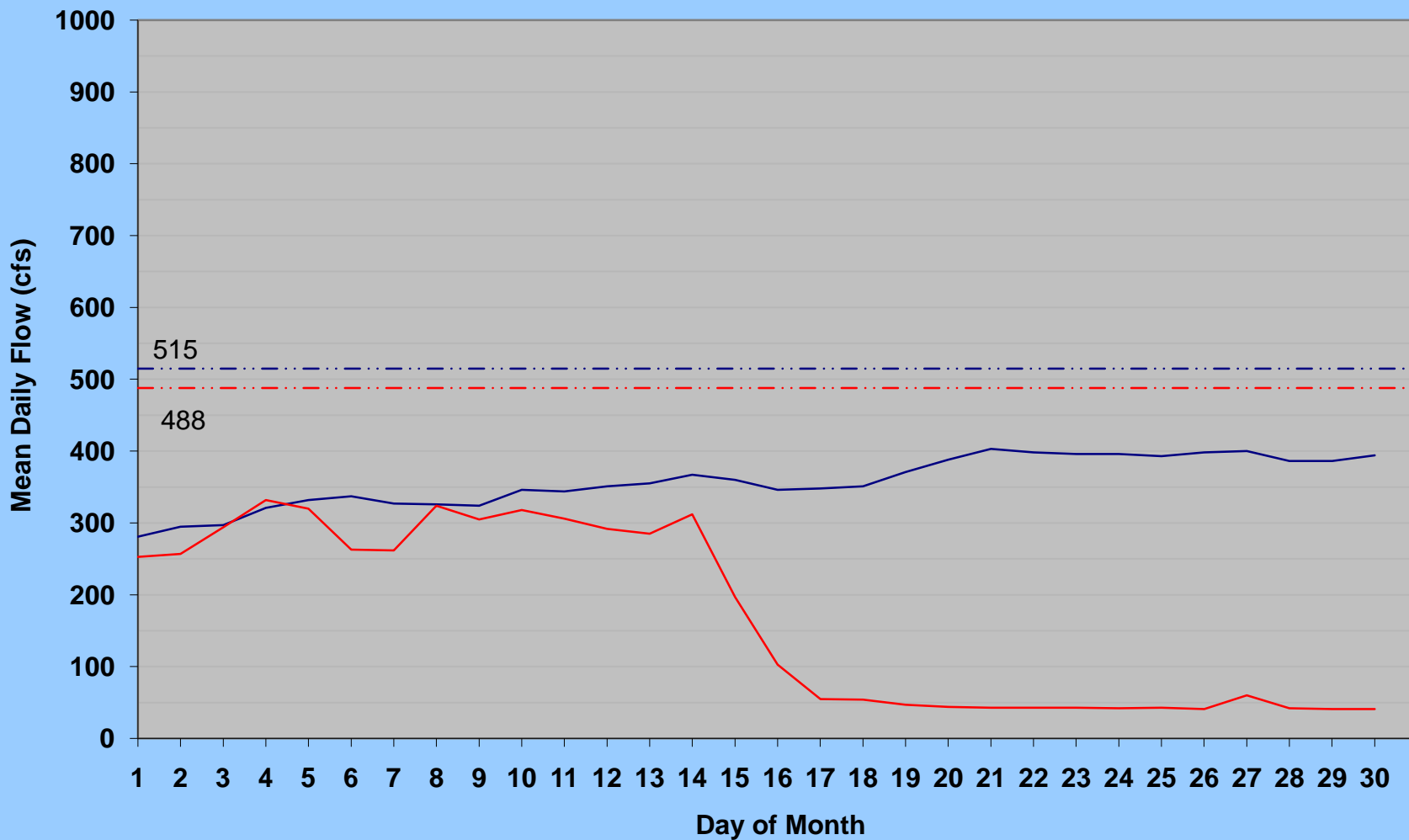
— Kersey — Julesburg - · - · Kersey 1901-2009 Avg. - · - · Julesburg 1902-2009 Avg.

KERSEY and JULESBURG SEPTEMBER 2010



— Kersey — Julesburg - - - Kersey 1901-2009 Avg. - - - Julesburg 1902-2009 Avg.

KERSEY and BALZAC SEPTEMBER 2010



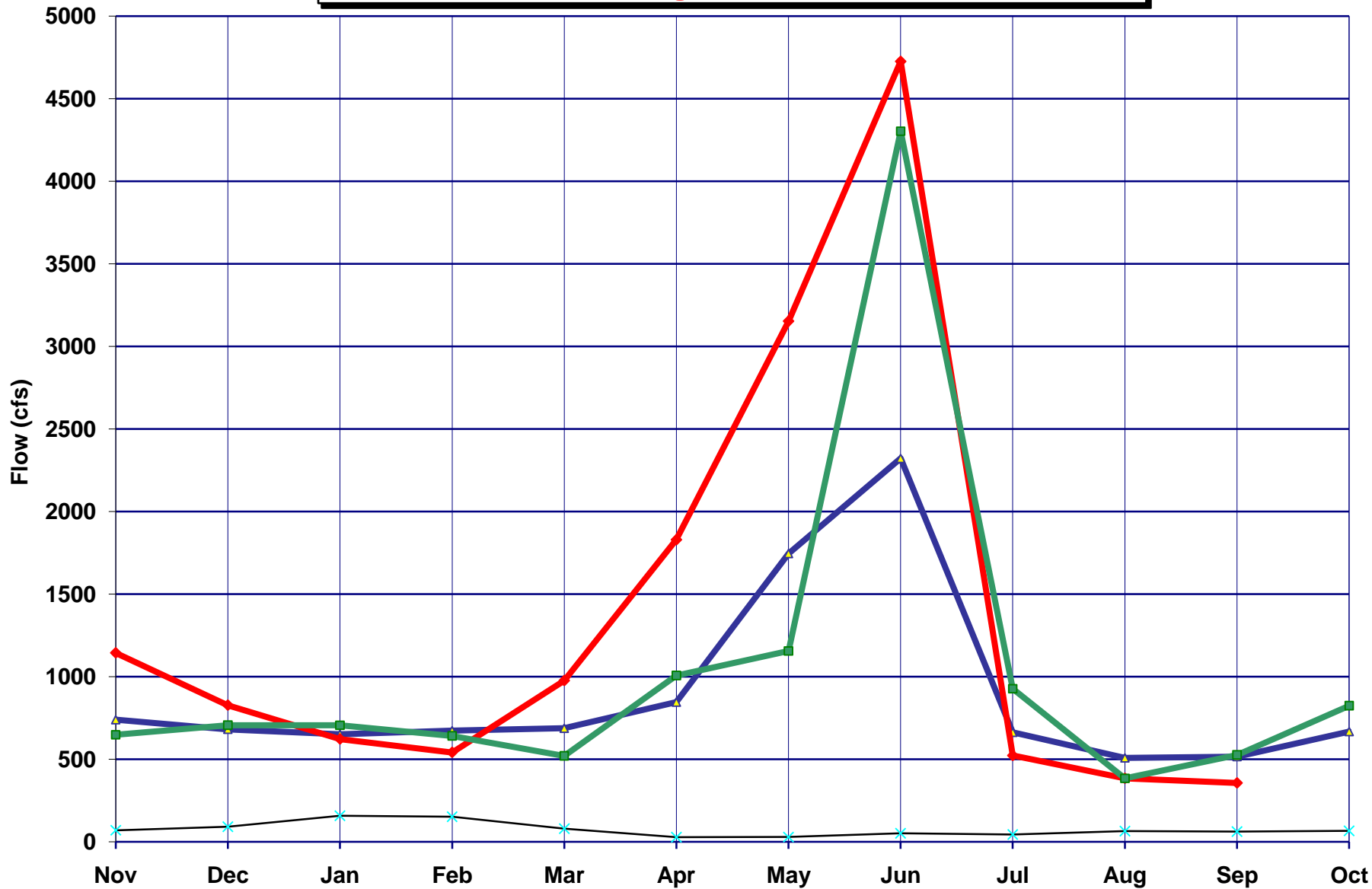
— Kersey — Balzac - - - Kersey 1901-2009 Avg. - - - Balzac 1917-2004 Avg.

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 2010 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2010 Mean Monthly Flow
Nov	740	3650	1984	70	1934	1145	Nov	335	2900	1984	4.2	1903	674
Dec	682	1890	1961	91	1934	828	Dec	397	1820	1984	13	2002	909
Jan	652	2160	1974	158	1935	623	Jan	509	2510	1970	21	2003	765
Feb	674	3060	1914	152	1935	542	Feb	582	3220	1930	29	2005	328
Mar	688	3470	1983	80	1935	977	Mar	522	12900	1910	15	1904	353
Apr	846	18100	1942	28	1955	1830	Apr	523	14400	1942	4.0	1904	722
May	1746	26100	1973	29	1955	3154	May	1003	18100	1973	12	1911	2274
Jun	2323	31000	1921	52	1954	4727	Jun	1430	30800	1921	2.0	1910	4124
Jul	664	12600	1983	44	1955	523	Jul	295	12600	1983	0.0	1903	336
Aug	509	9690	1951	65	1934	487	Aug	180	8920	1968	0.0	1903	195
Sep	517	14200	1938	62	1940	357	Sep	239	7130	1938	2.0	1902	170
Oct	668	6180	1984	66	1954		Oct	301	3130	1984	4.2	1903	
*Period of record 1902-2009							*Period of record 1902-2009						

South Platte River at Kersey

Irrigation Year

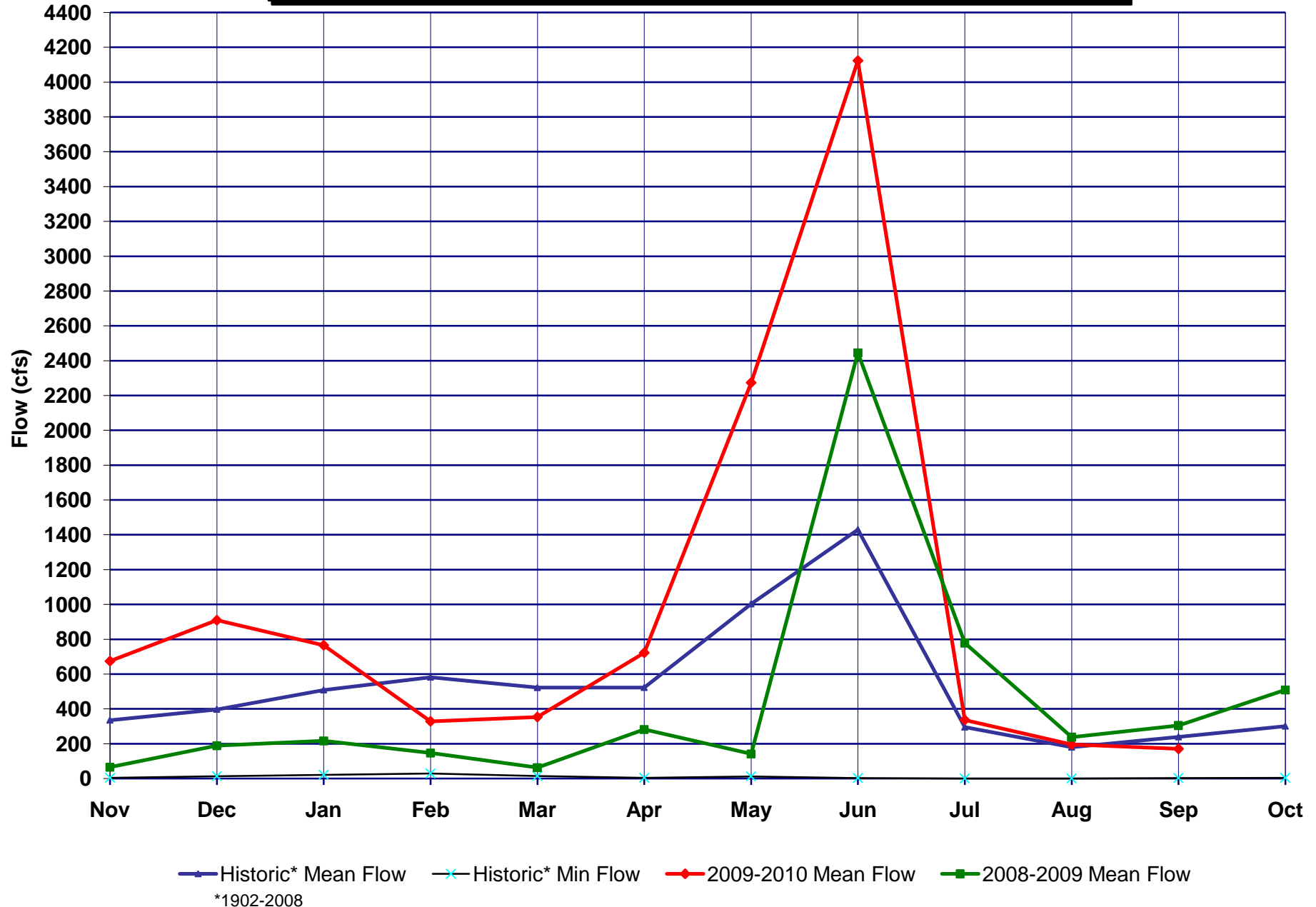


Historic* Mean Flow Historic* Min Flow 2009-2010 Mean Flow 2008-2009 Mean Flow

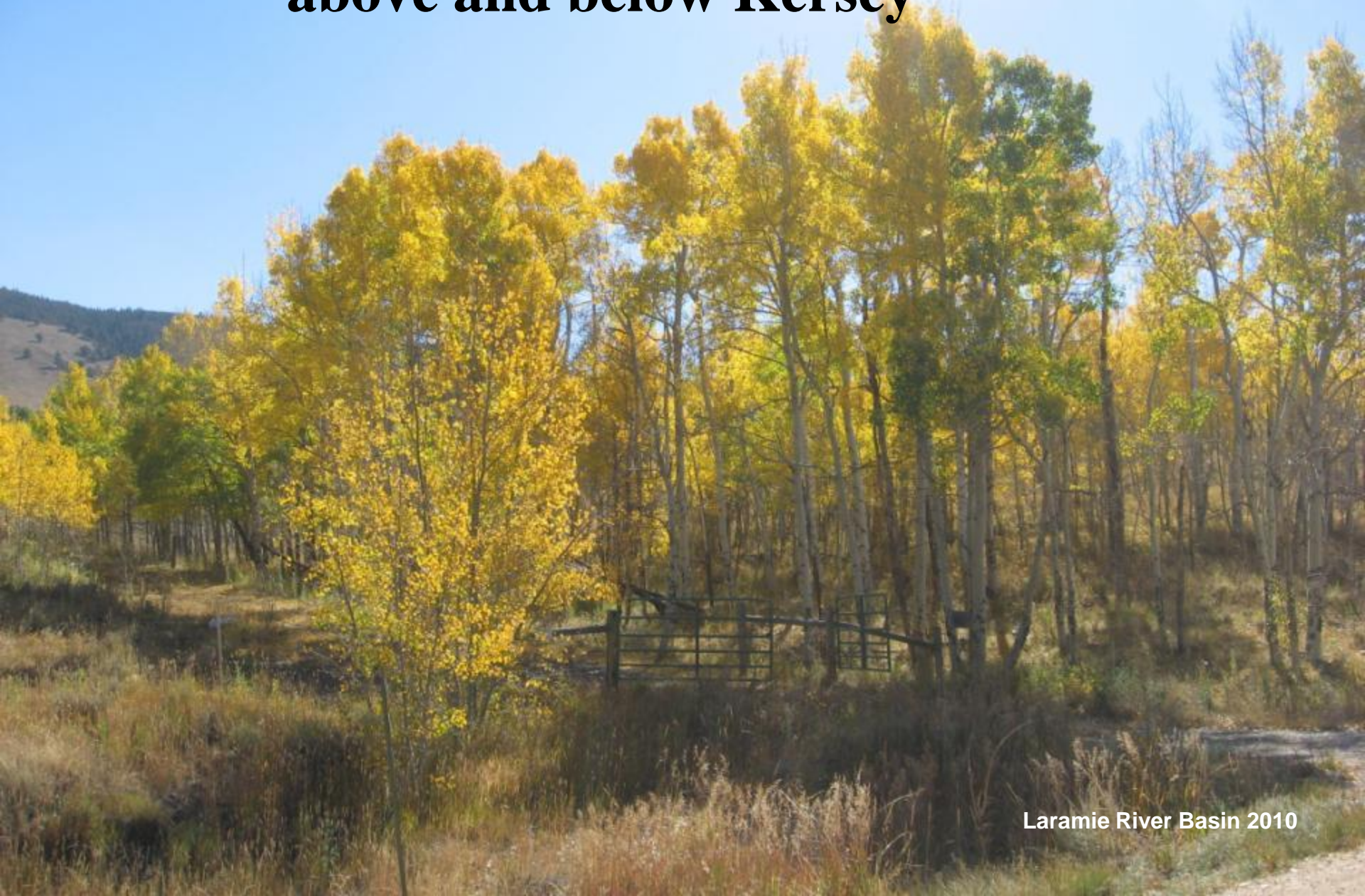
*1901-2008

South Platte River at Julesburg

Irrigation Year

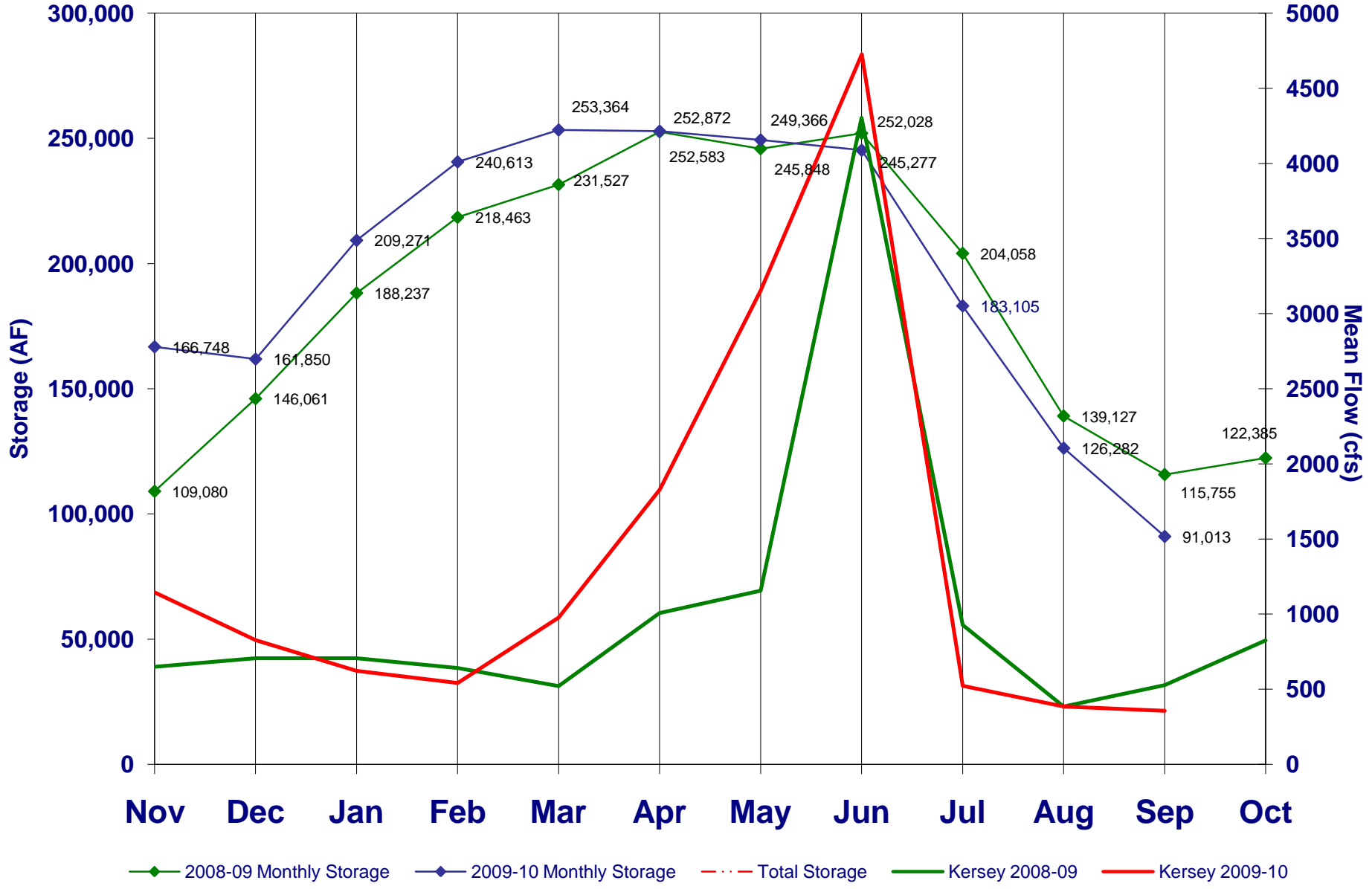


Next four slides show Reservoir Storage above and below Kersey



Reservoir Storage below Kersey

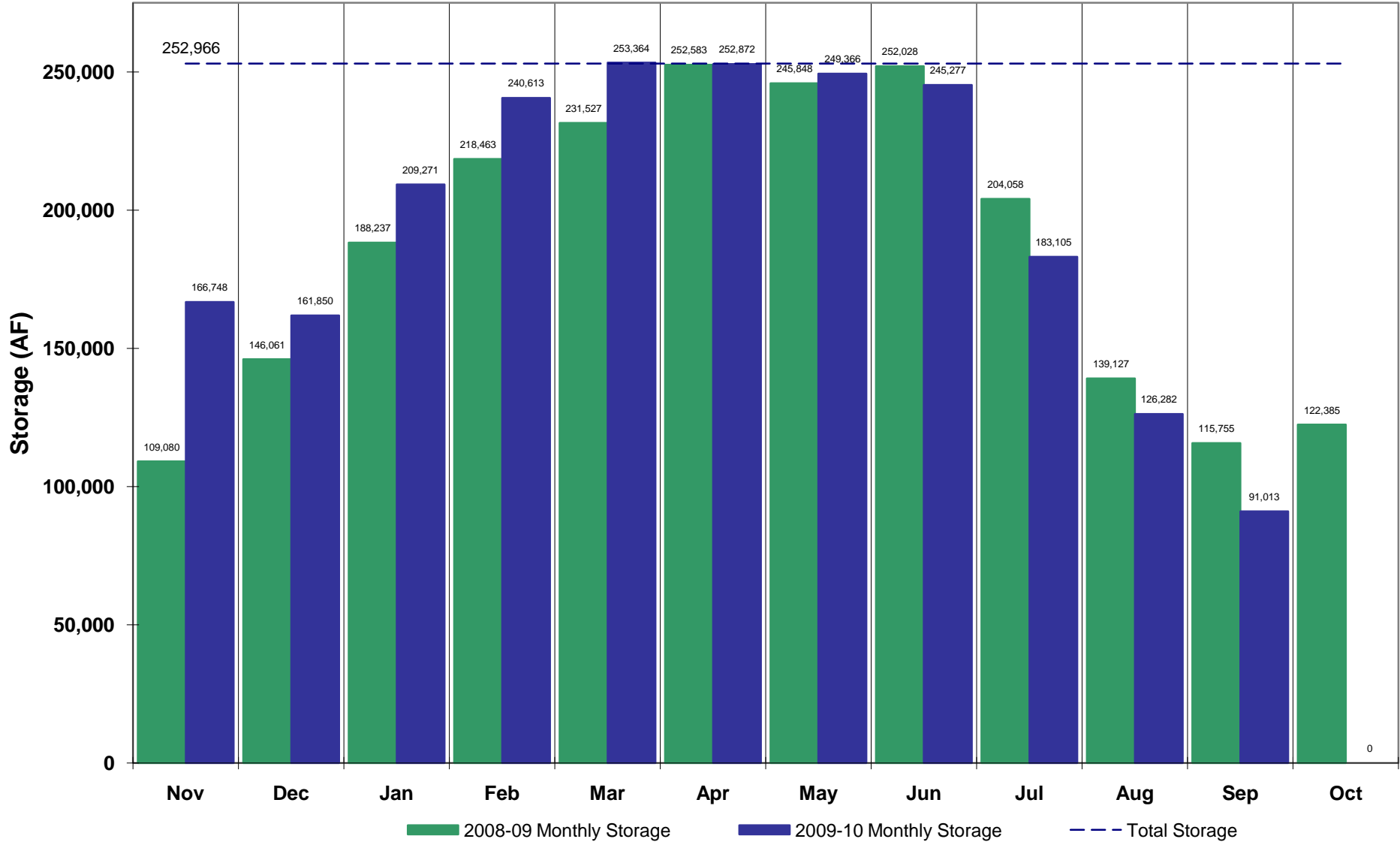
Selected Reservoirs*



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

South Platte Reservoirs

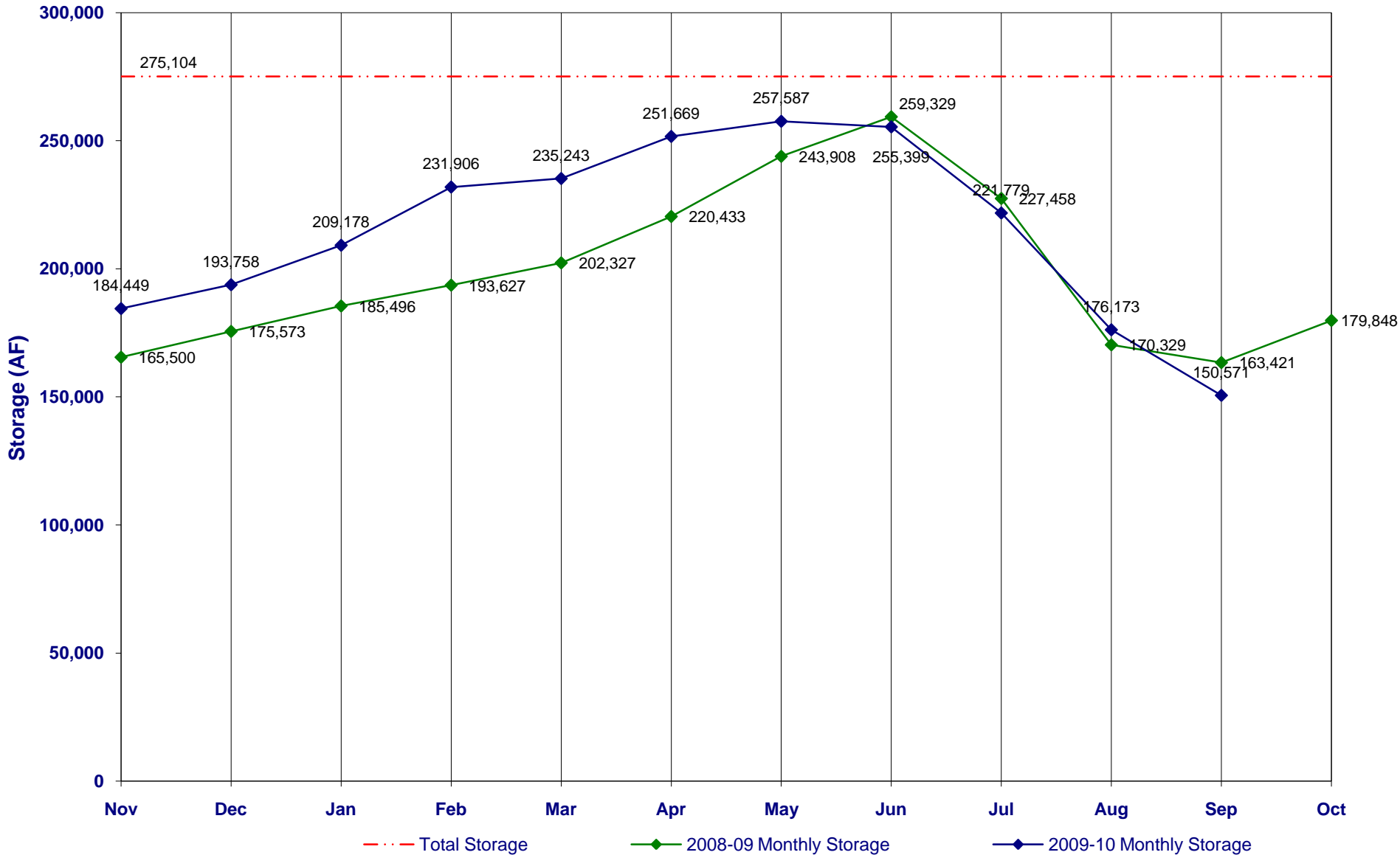
Storage below Kersey*



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

Reservoir Storage above Kersey

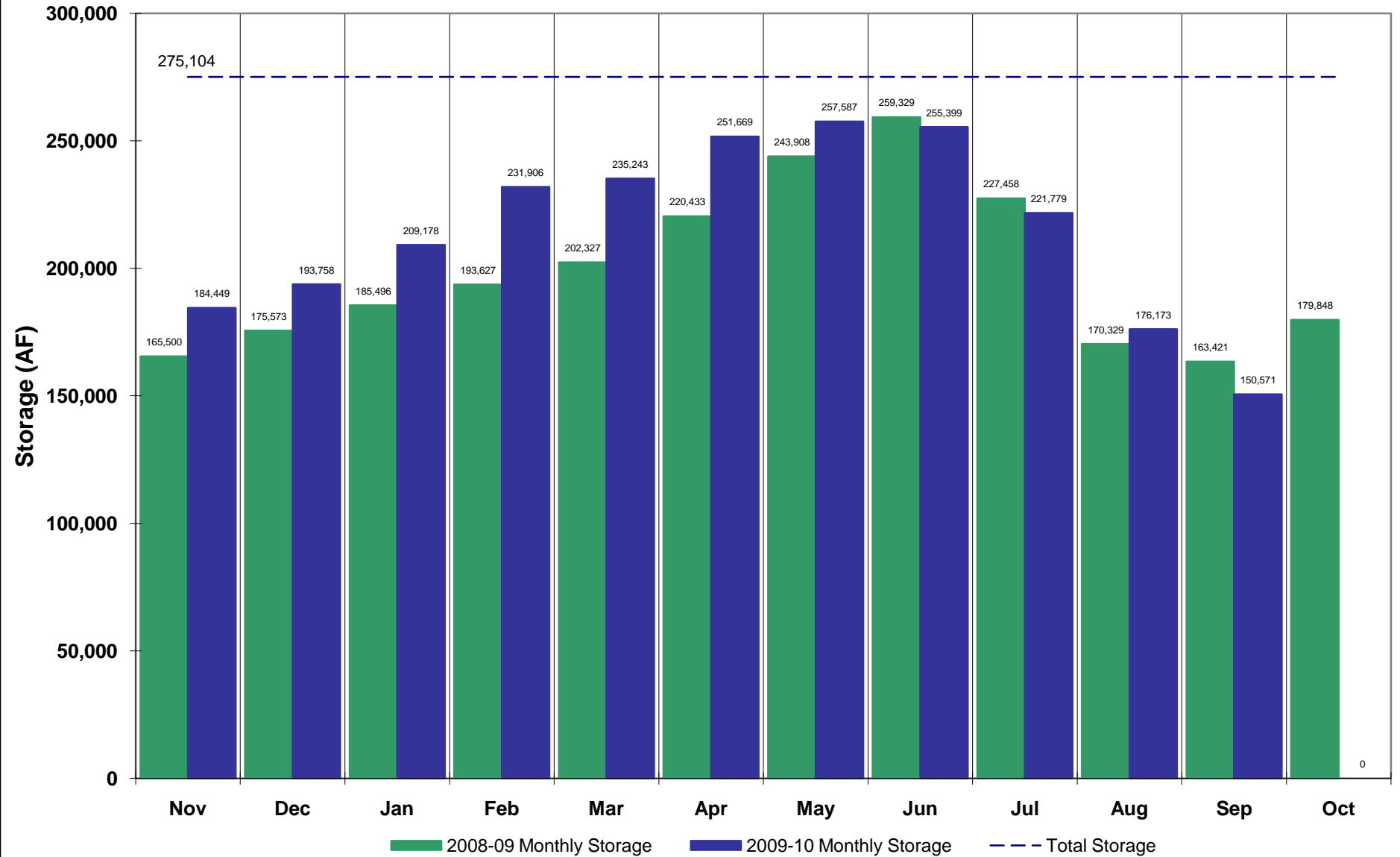
Selected Reservoirs*



*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

South Platte Reservoirs

Storage above Kersey*



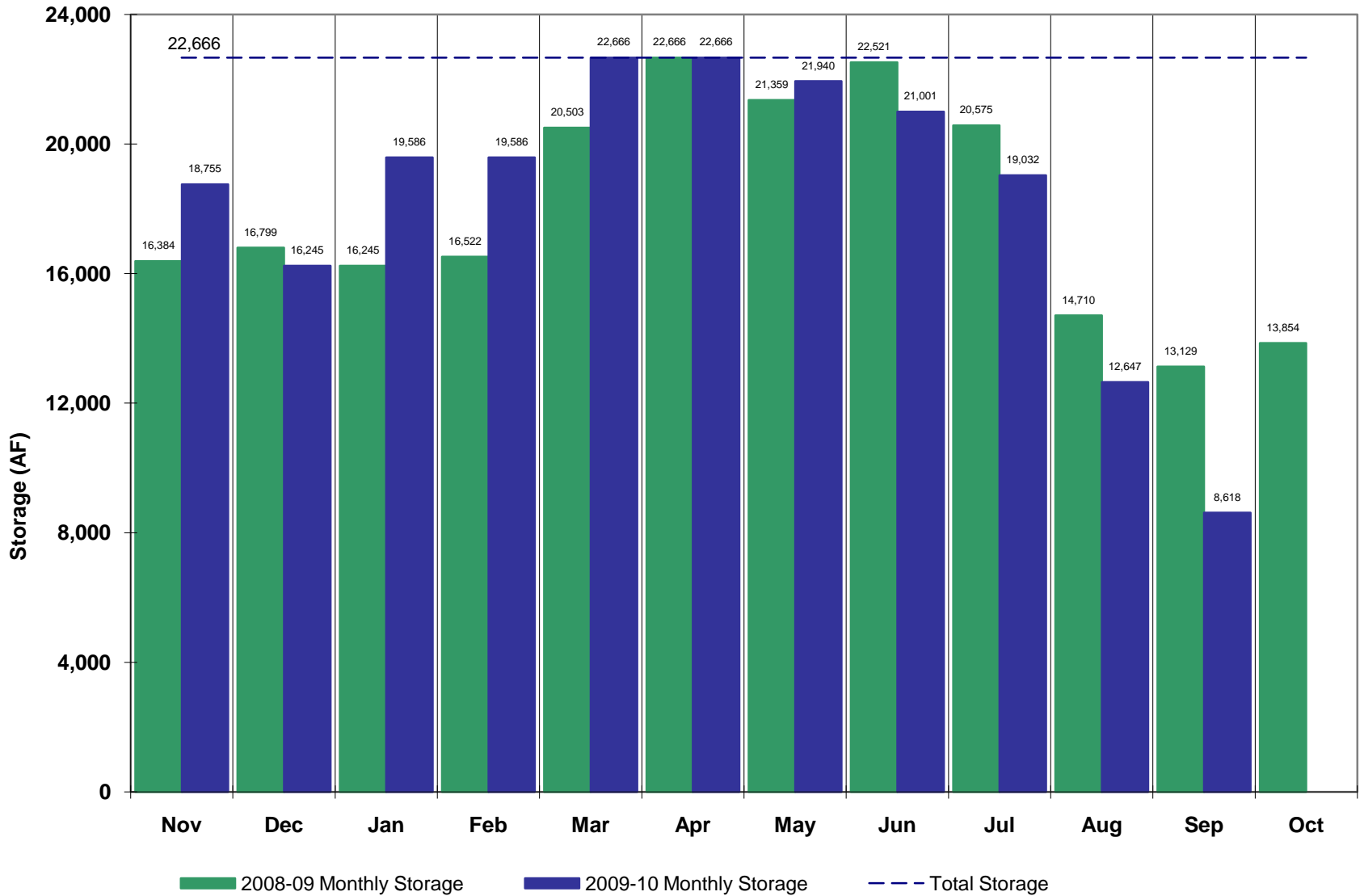
*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

Individual Reservoir Storage Follows



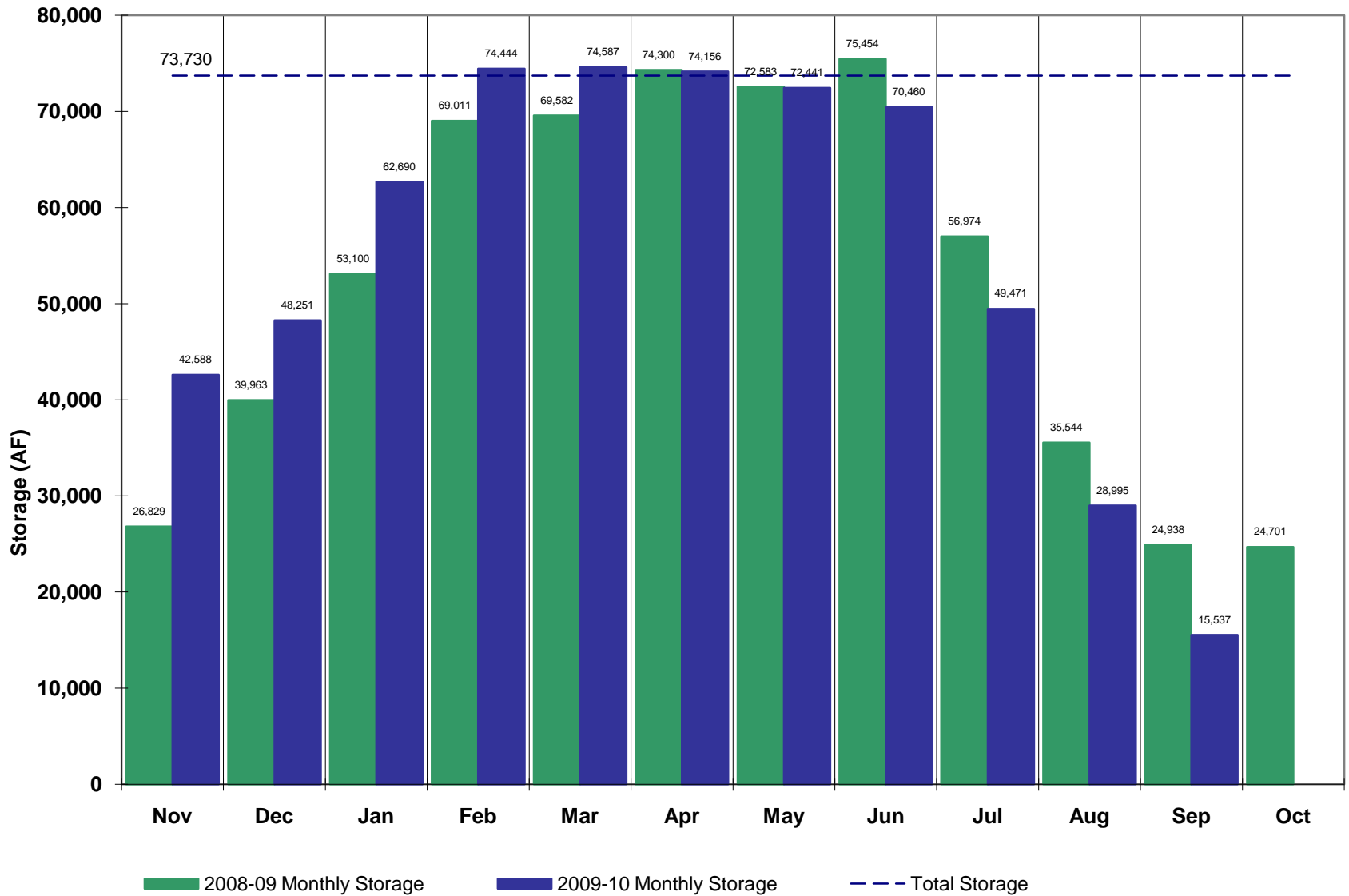
Julesburg Reservoir

(District 64 - Agricultural)



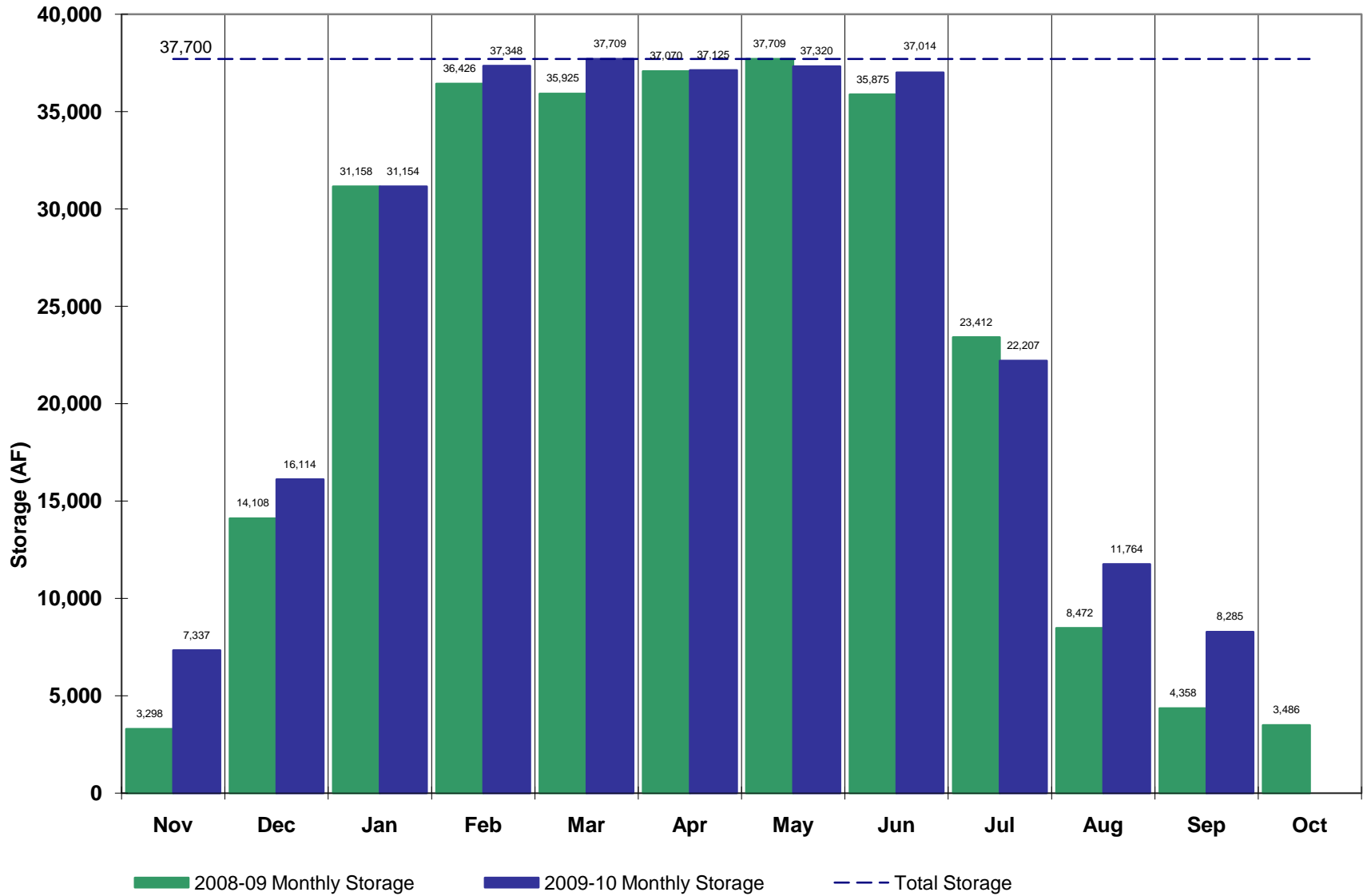
North Sterling Reservoir

(District 64- Agricultural)



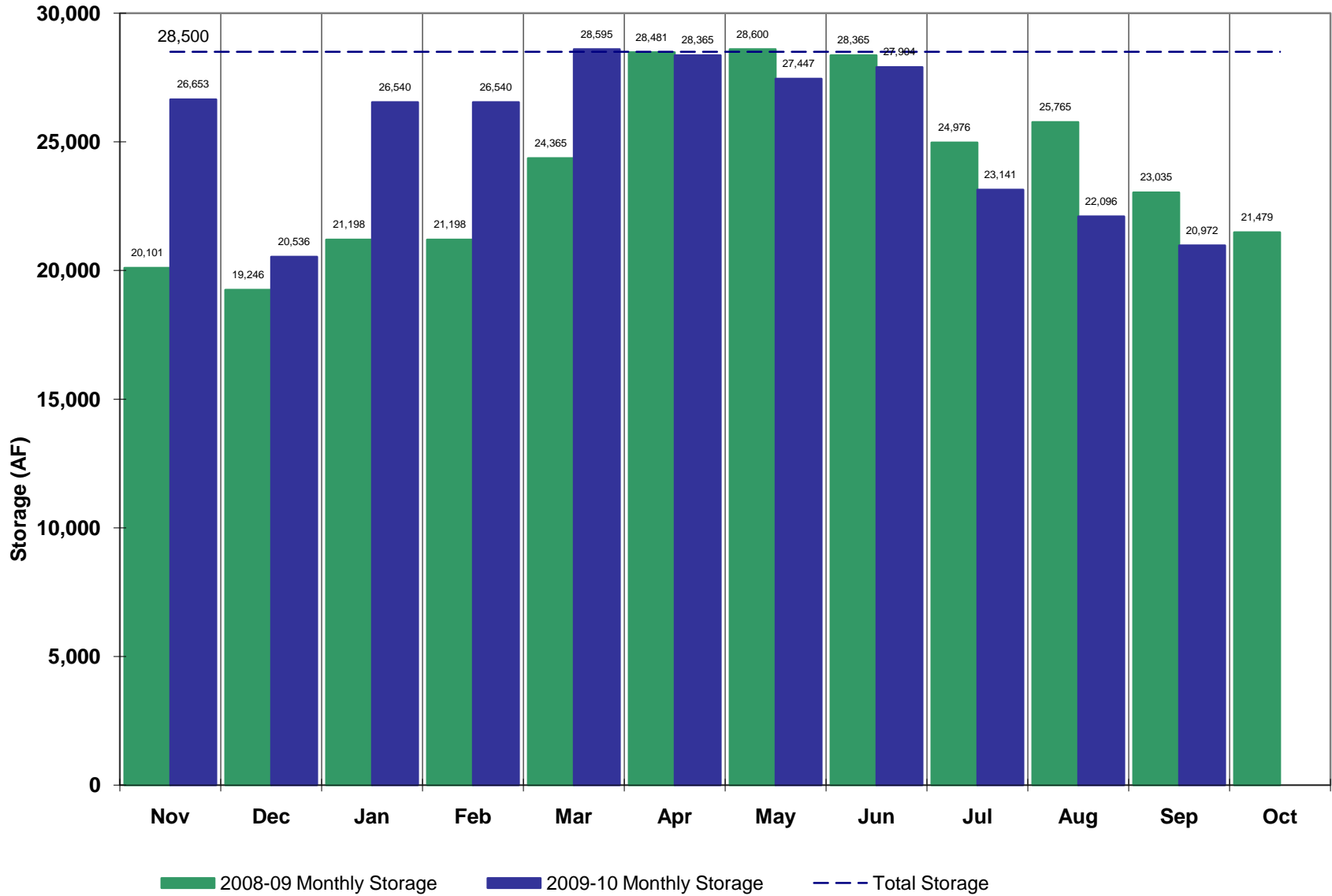
Empire Reservoir

(District 1- Agricultural)



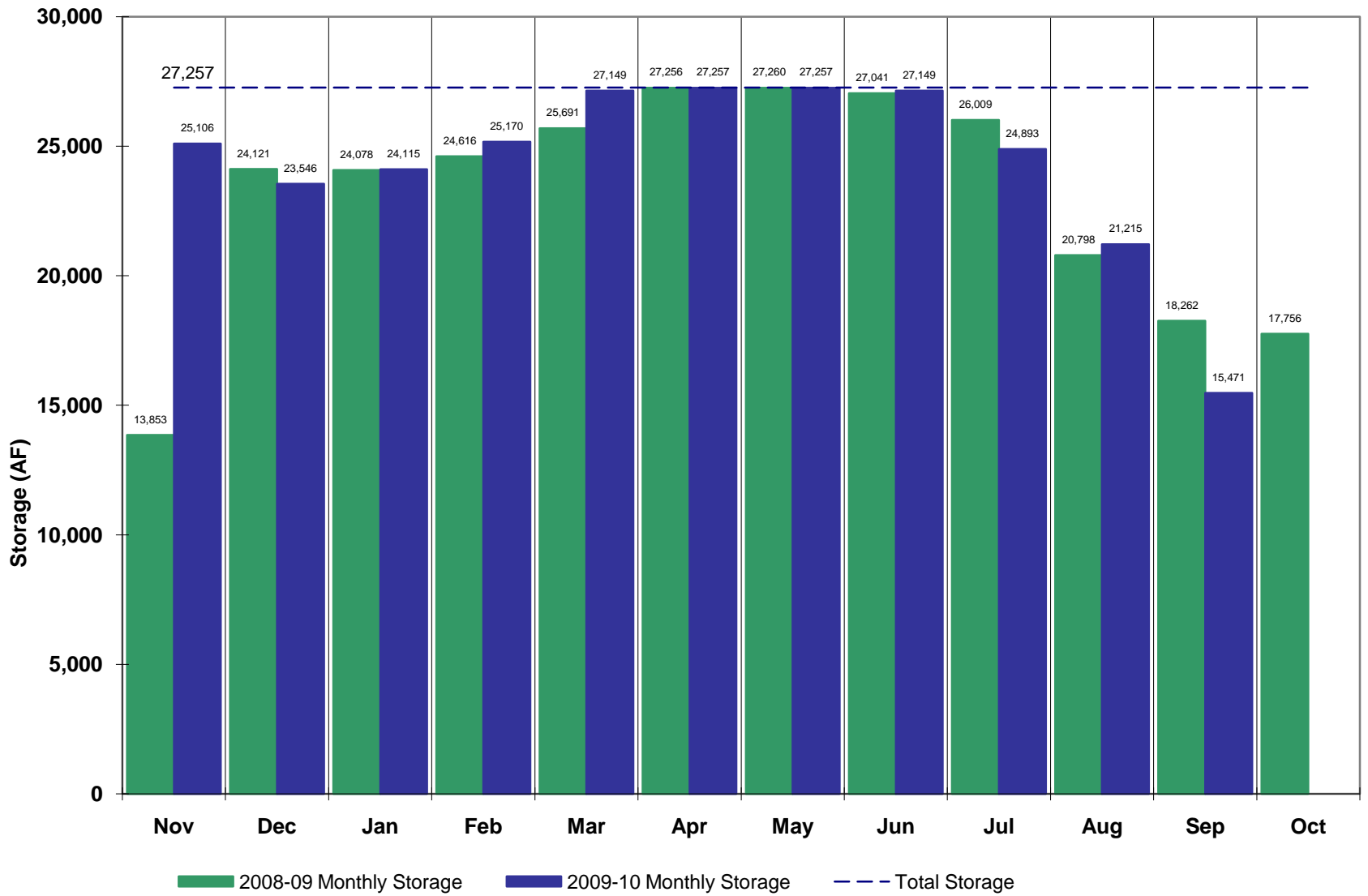
Prewitt Reservoir

(District 64- Agricultural)



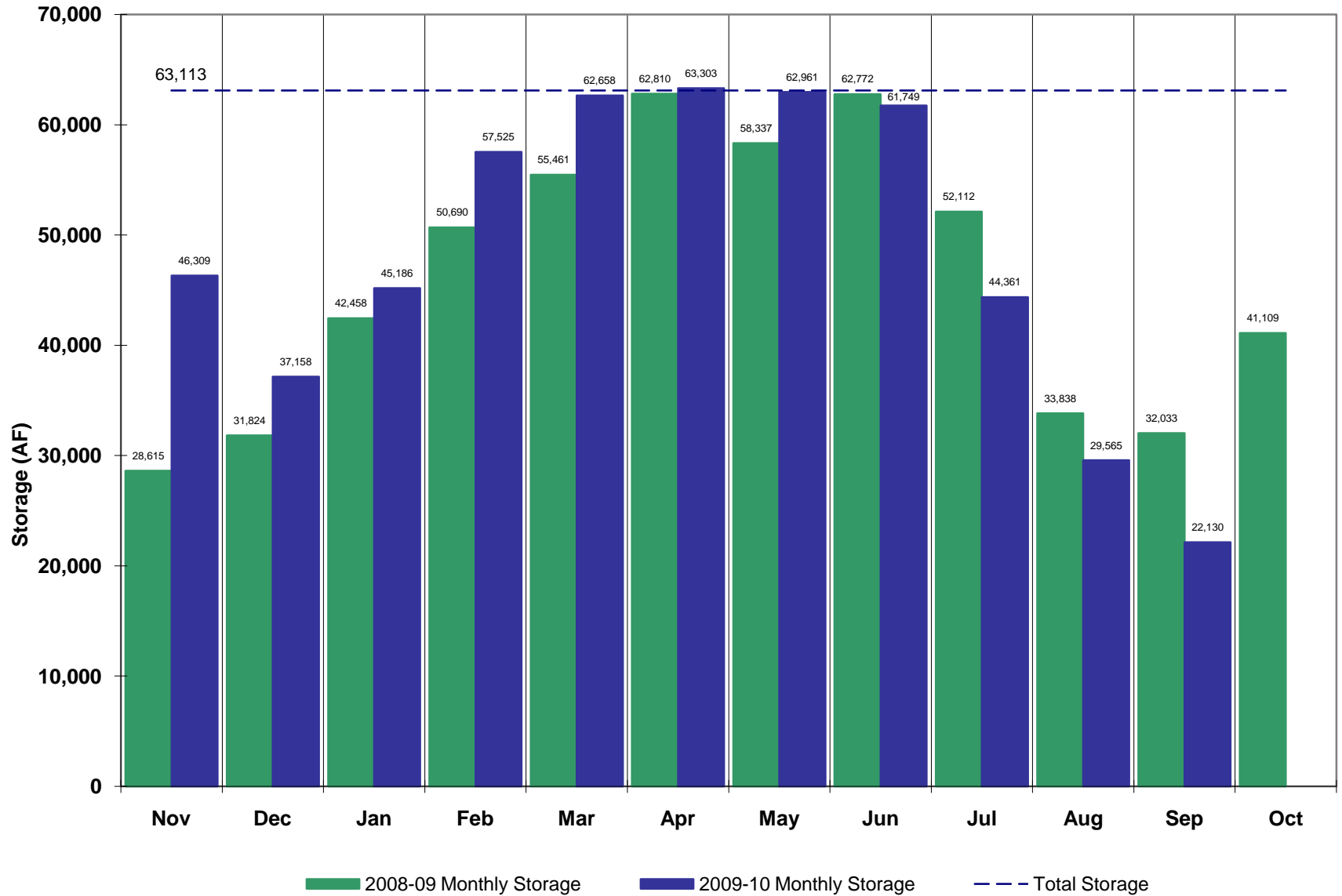
Jackson Reservoir

(District 1- Agricultural)



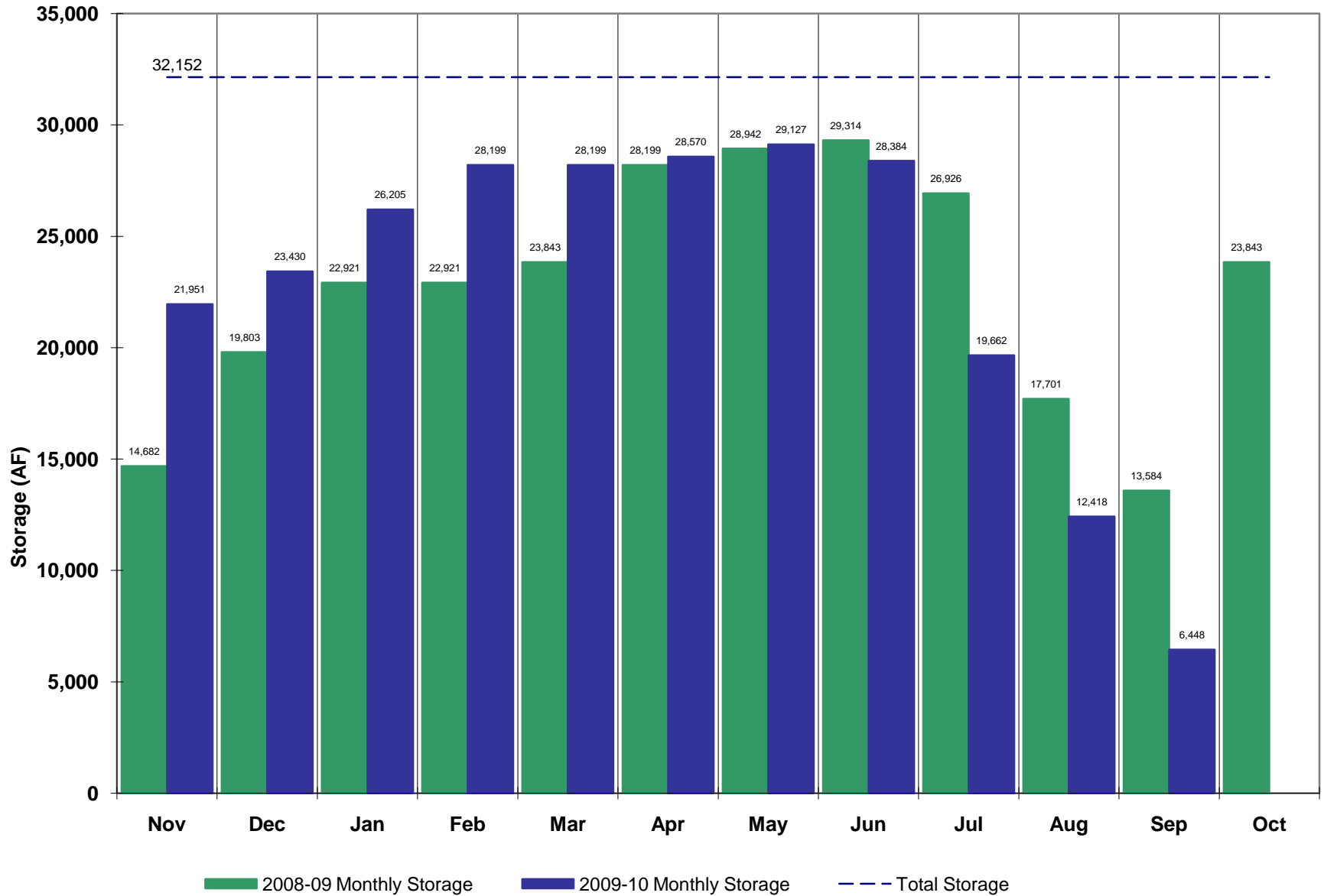
Riverside Reservoir

(District 1 - Agricultural)



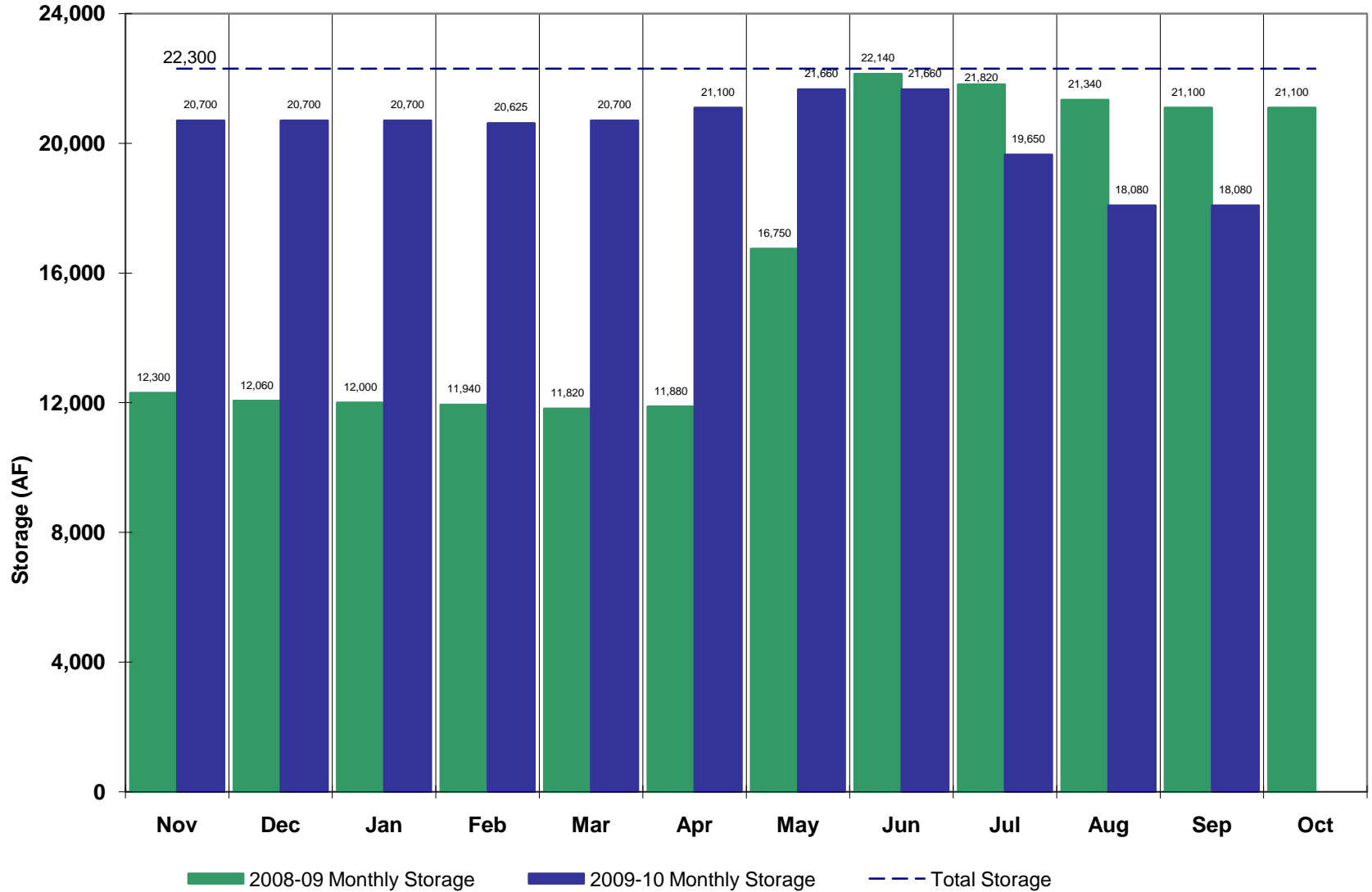
Barr Lake

(District 2 - Agricultural)



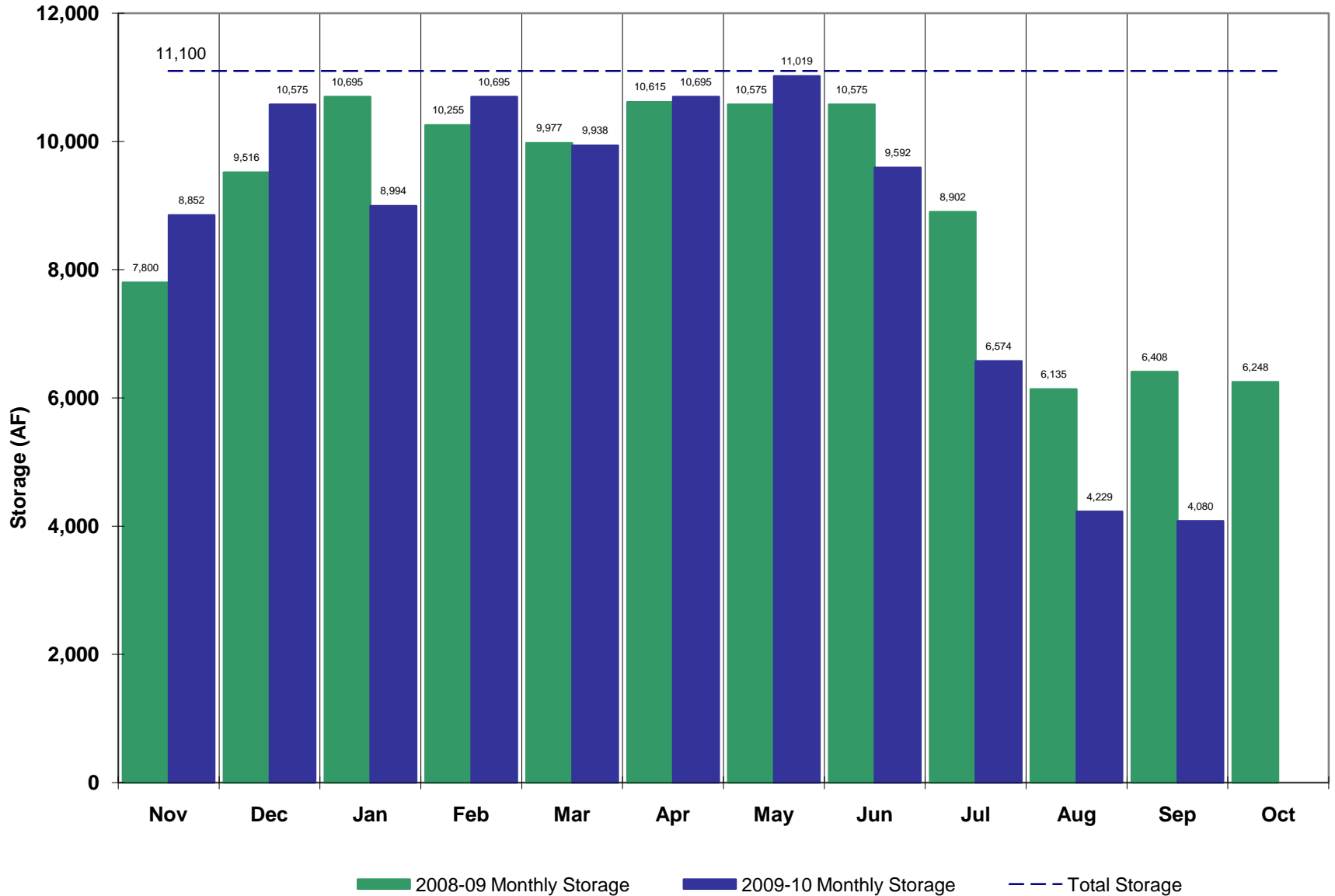
Cobb Lake

(District 3, Poudre River - Agricultural)



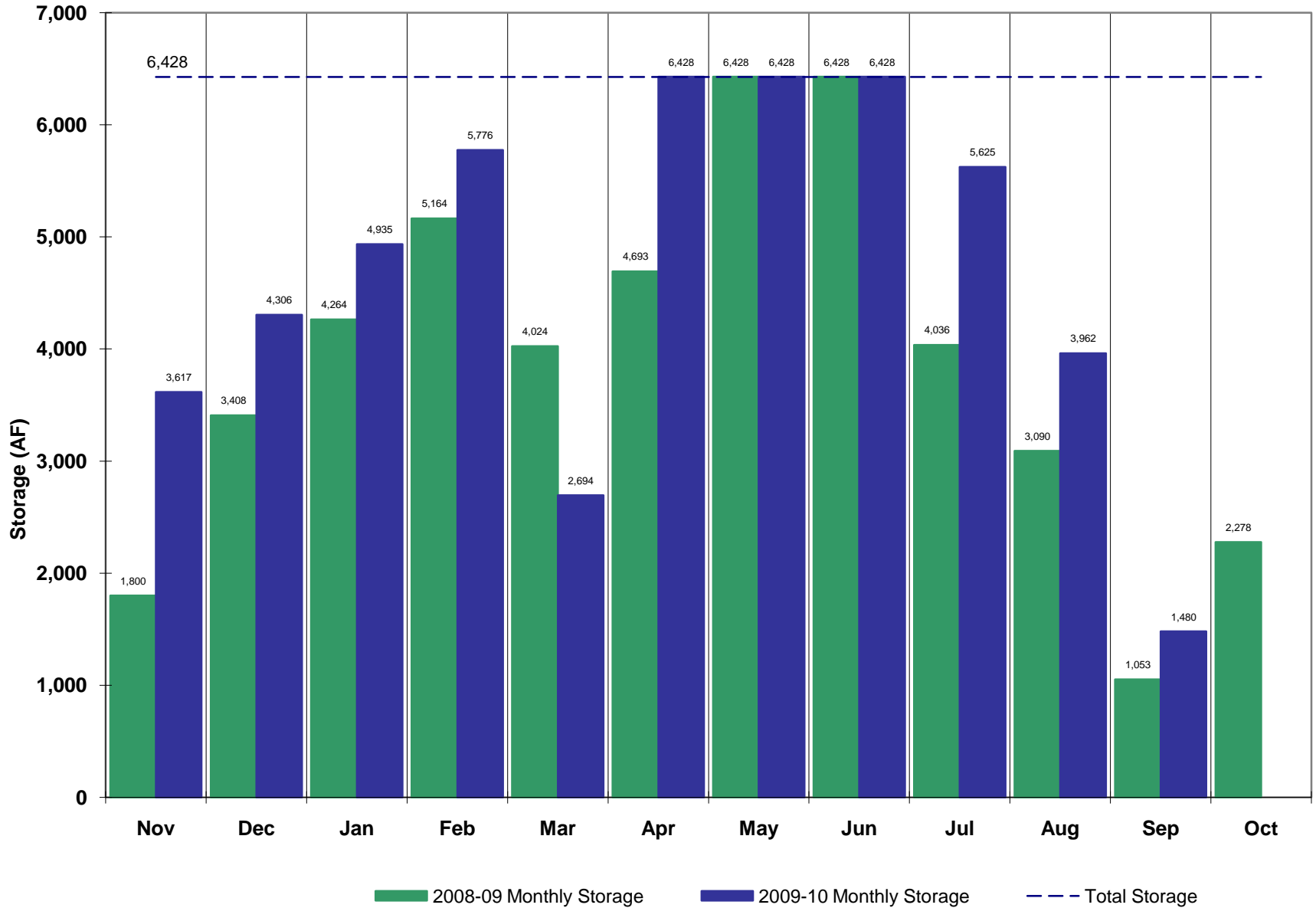
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



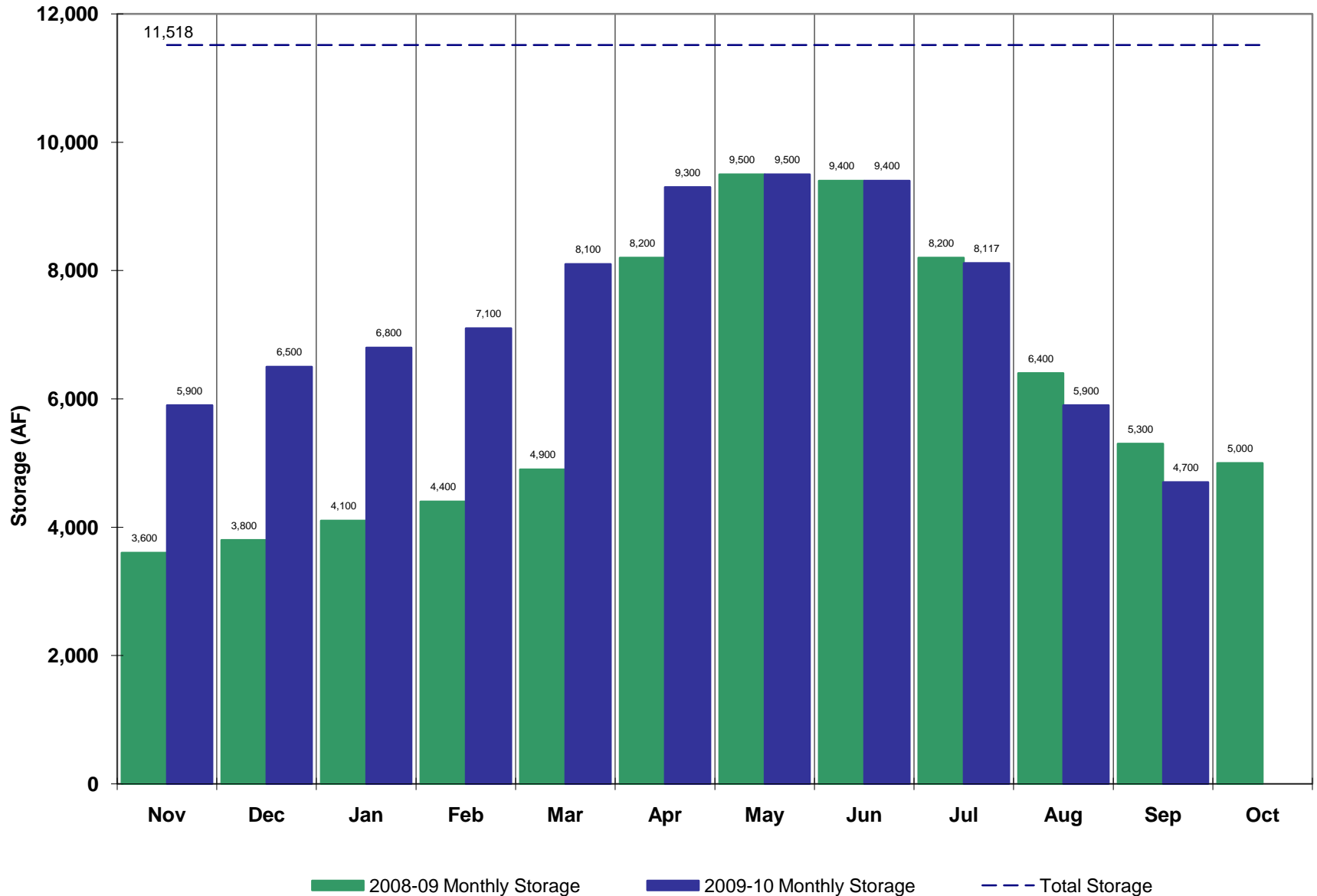
Halligan Reservoir

(District 3, Poudre River - Agricultural)



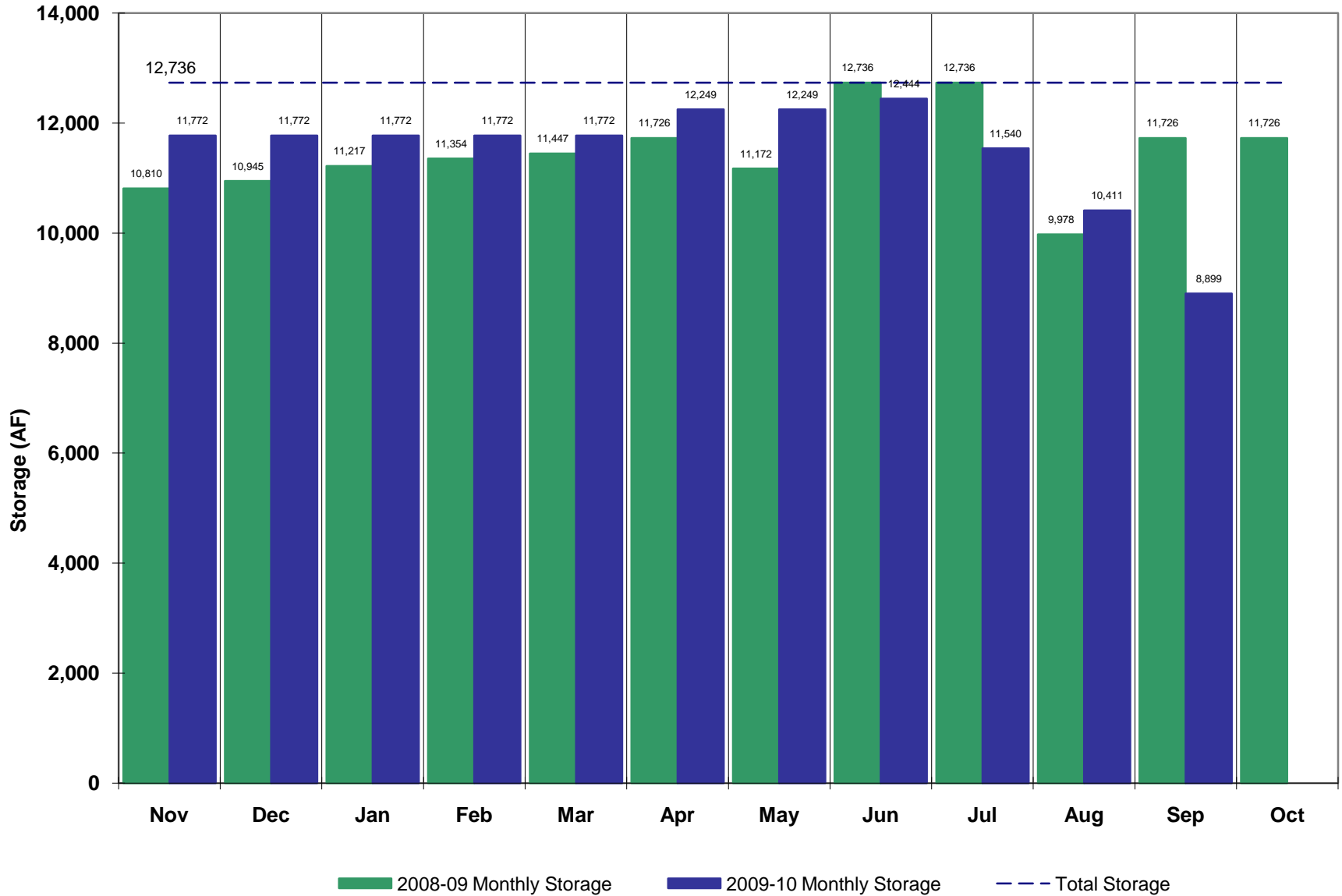
Marshall Lake

(District 6, Boulder Creek - Agricultural)



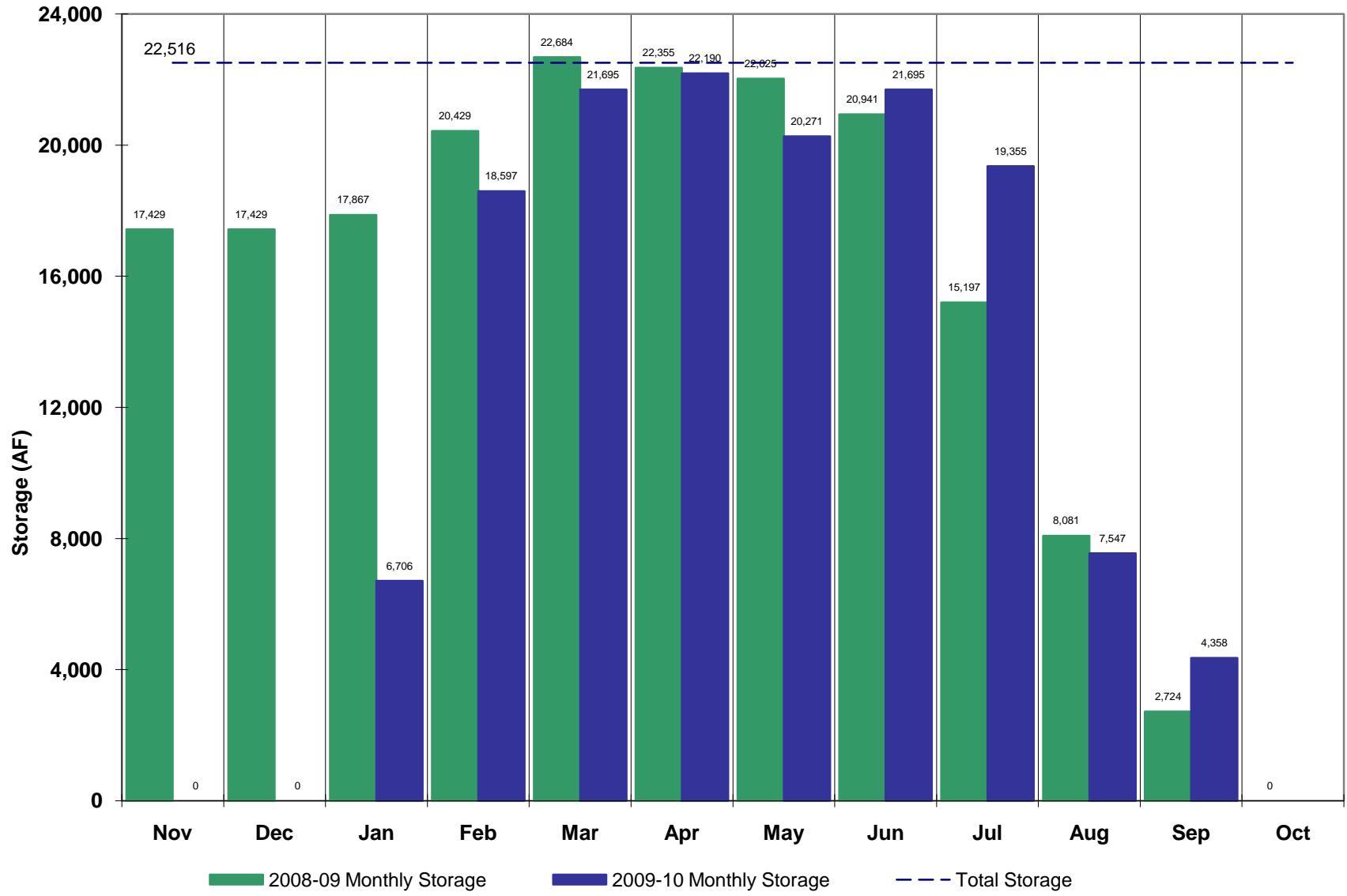
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



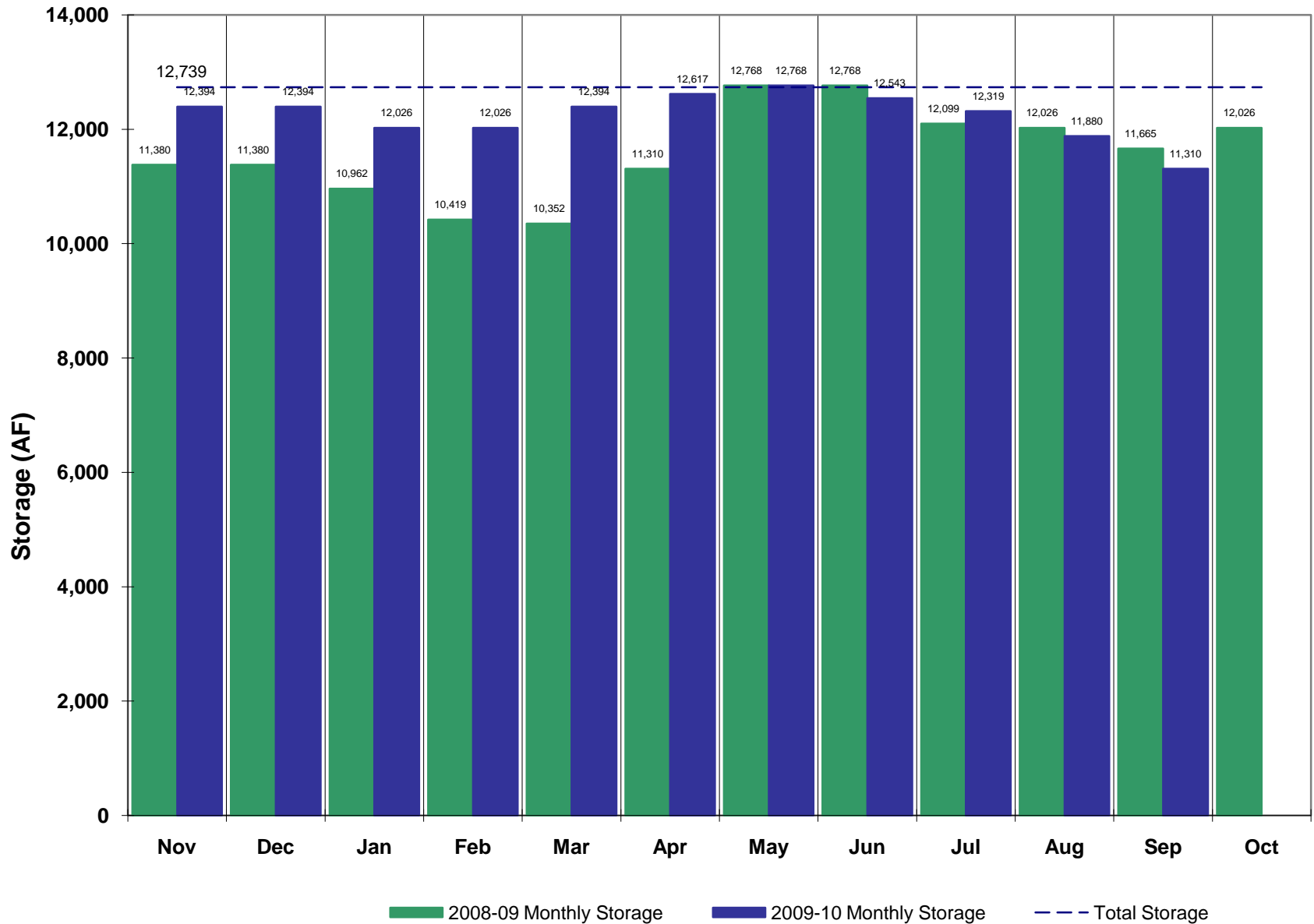
Milton Reservoir

(District 2 - Agricultural)

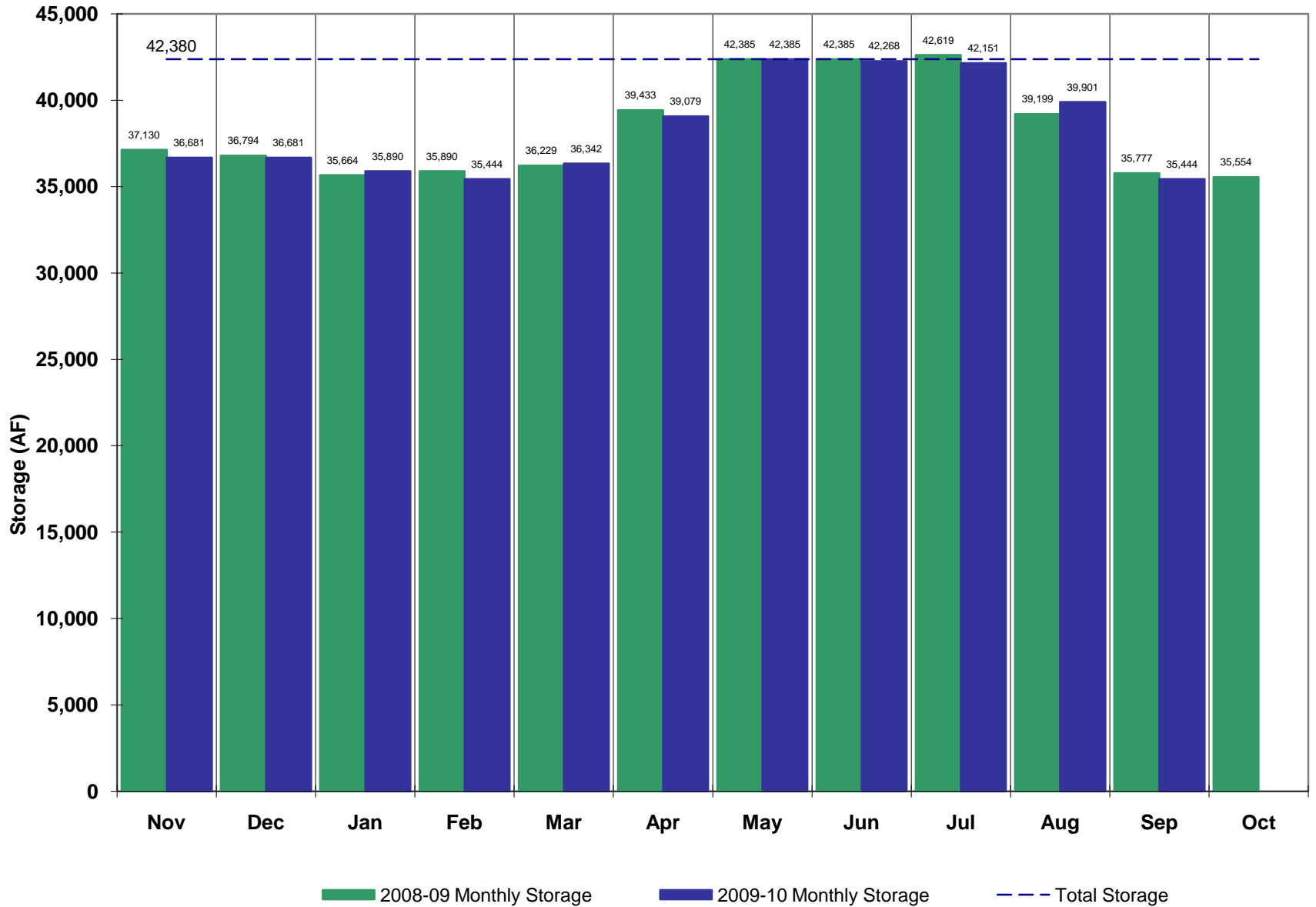


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

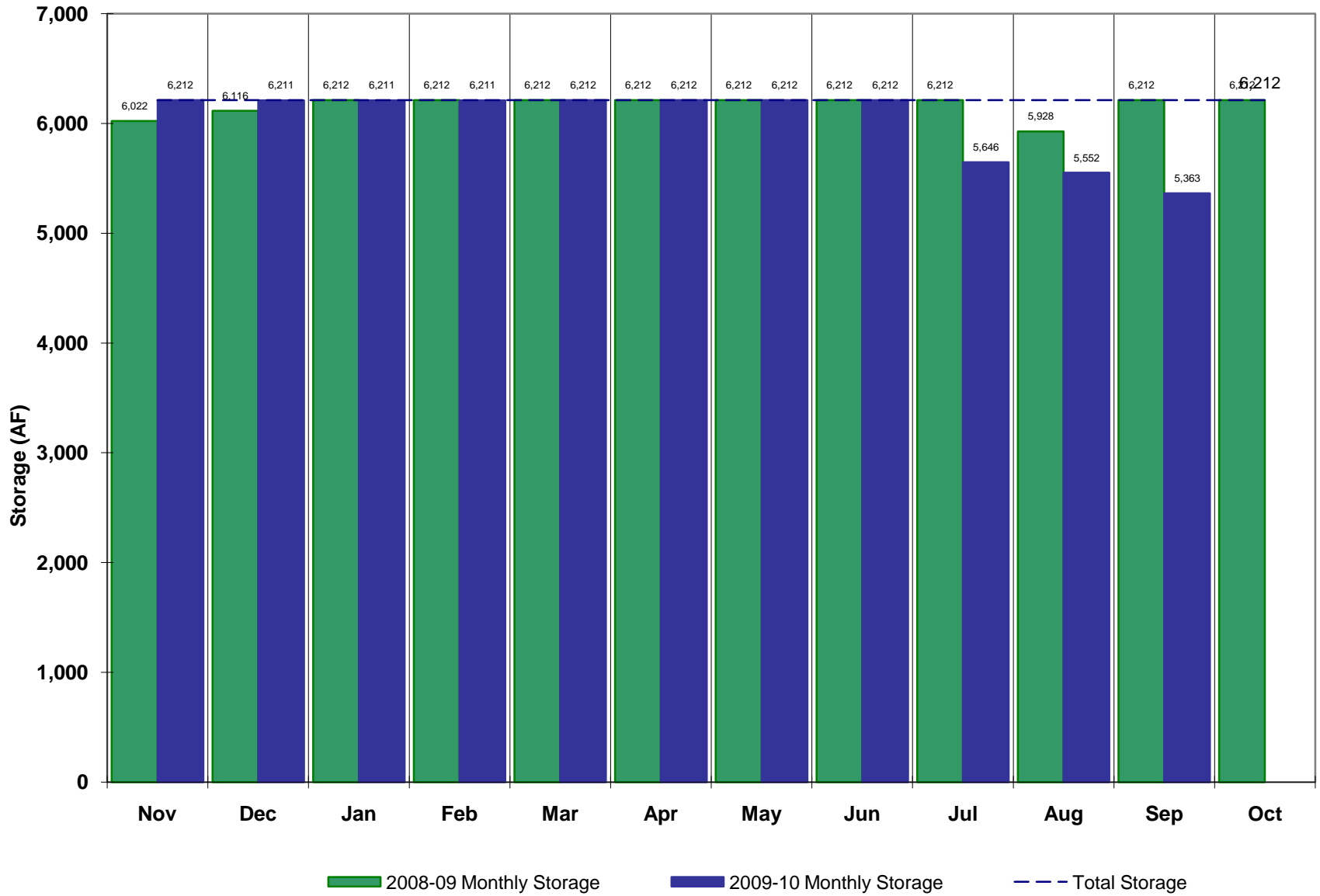


Standley Lake (Agricultural)



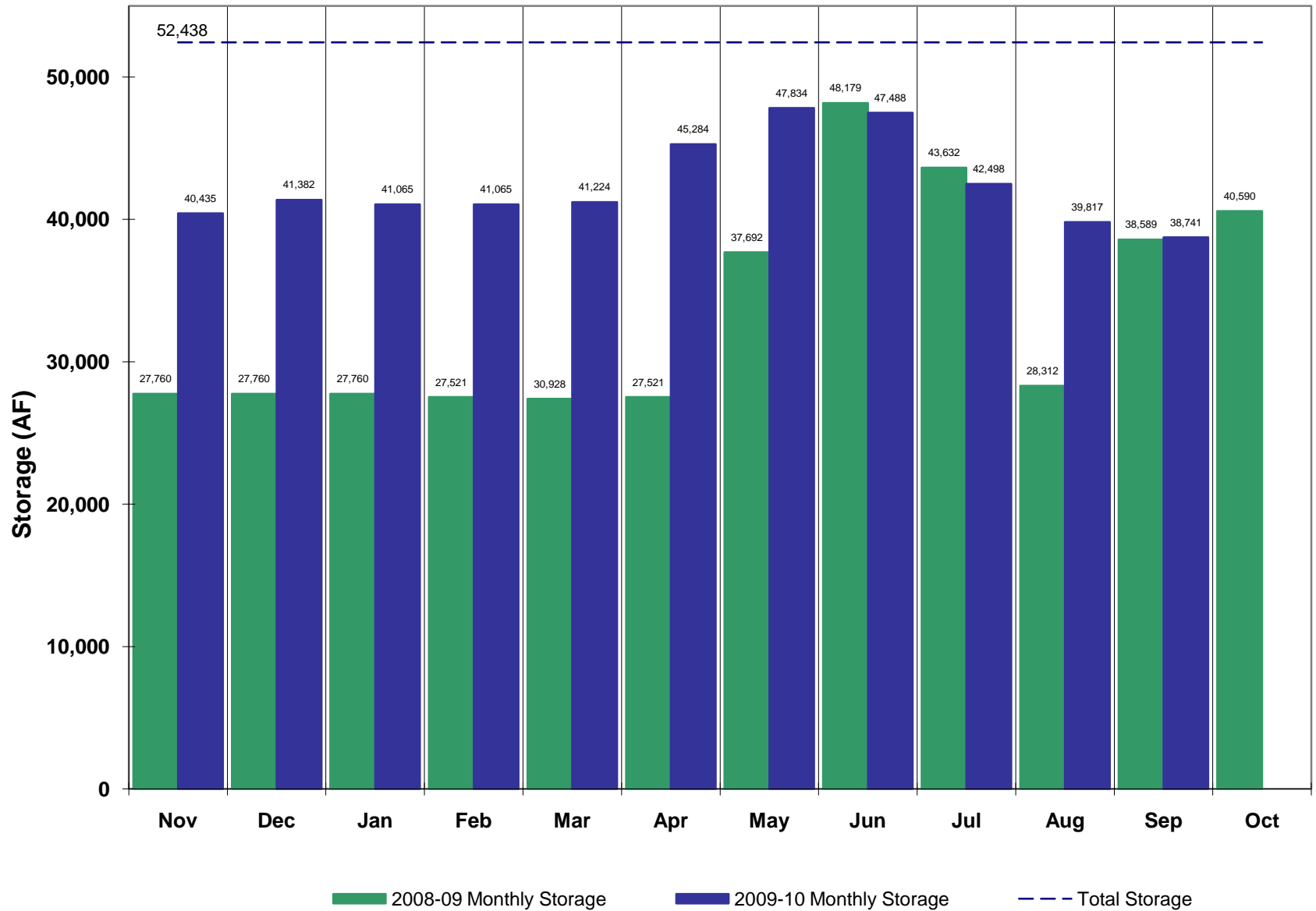
Lower Latham Reservoir

(District 2 - Agricultural)



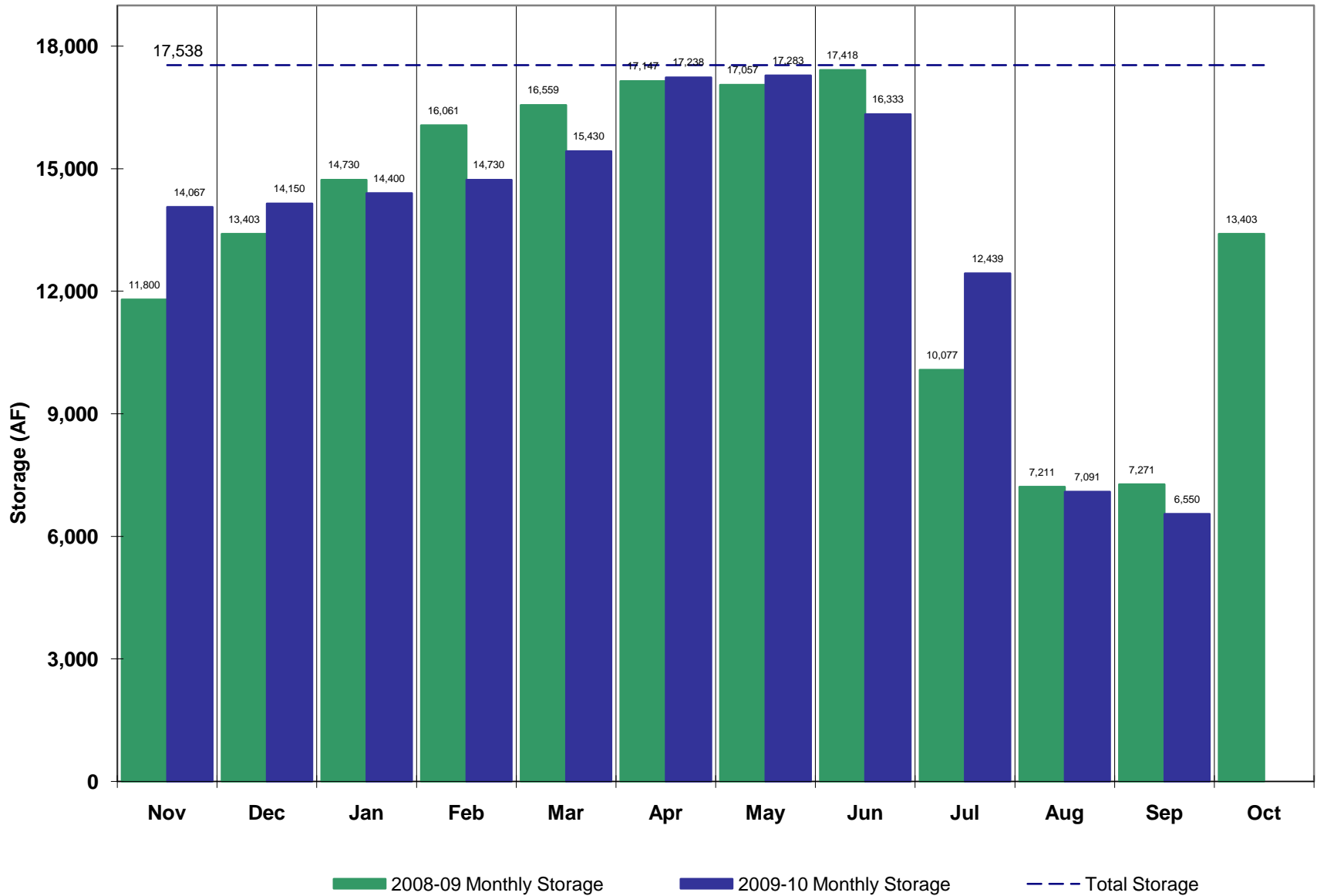
Boyd Lake

(District 4, Big Thompson River - Agricultural)



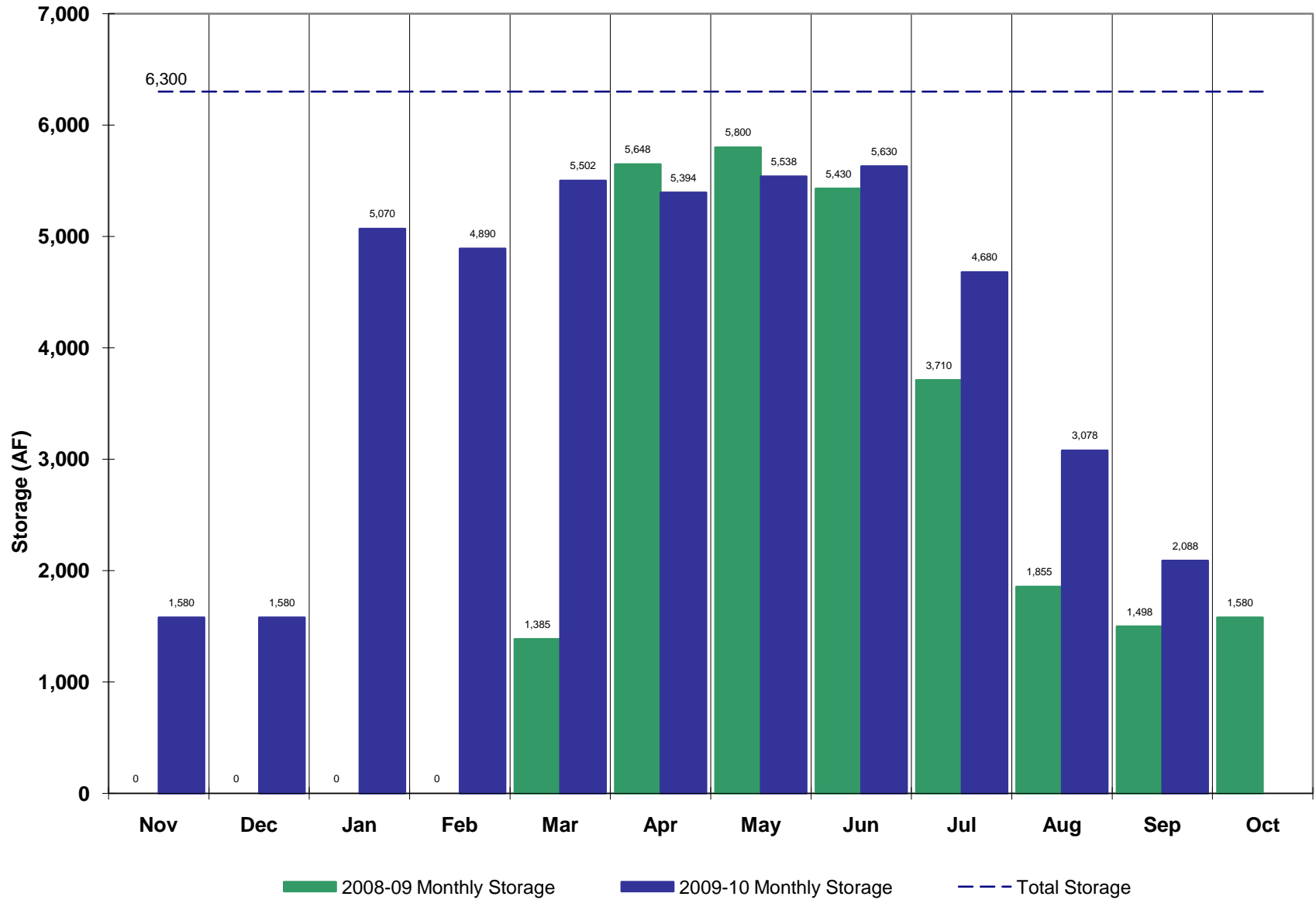
Windsor Reservoir

(District 3, Poudre River - Agricultural)



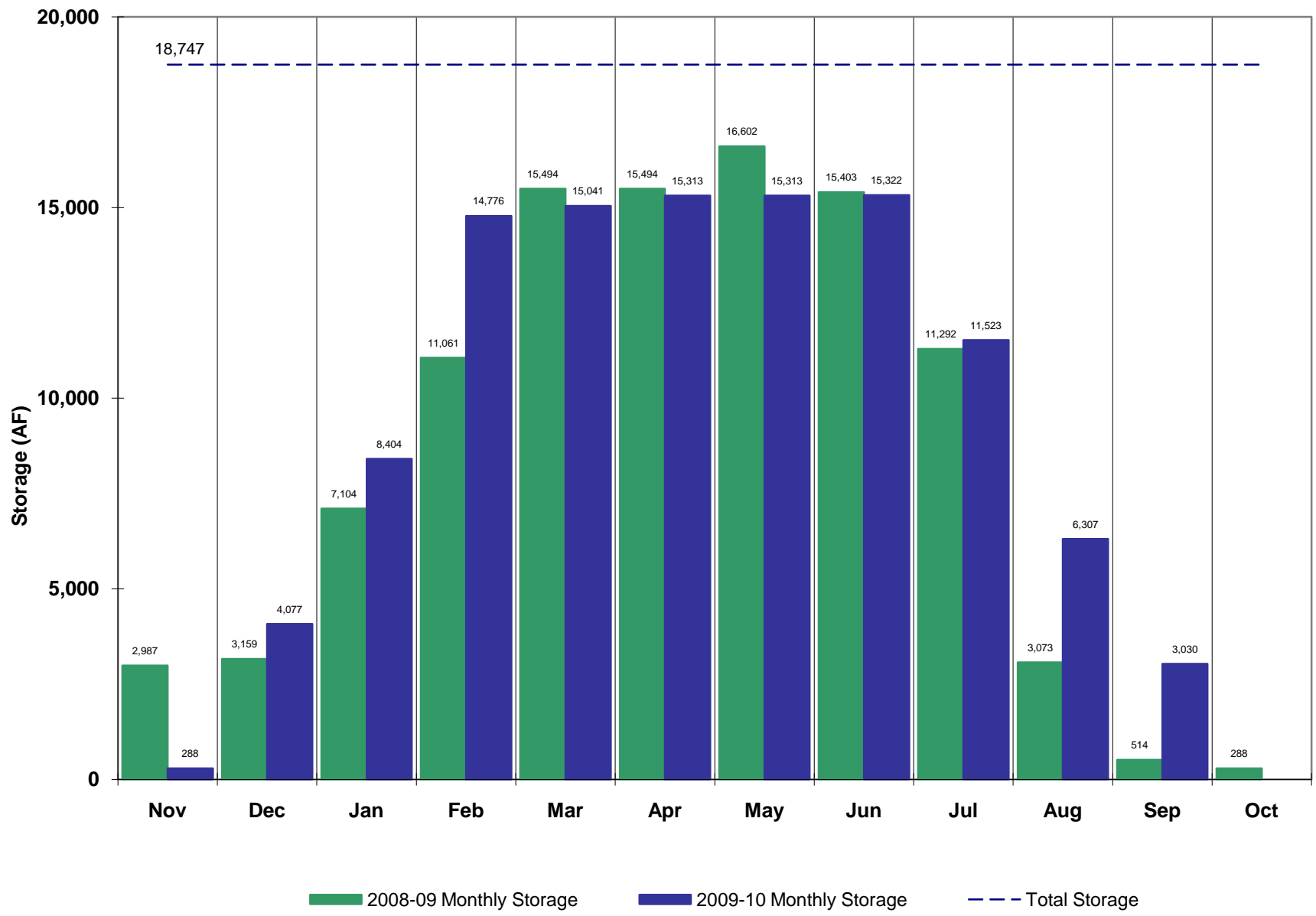
Prospect Reservoir

(District 1- Agricultural)



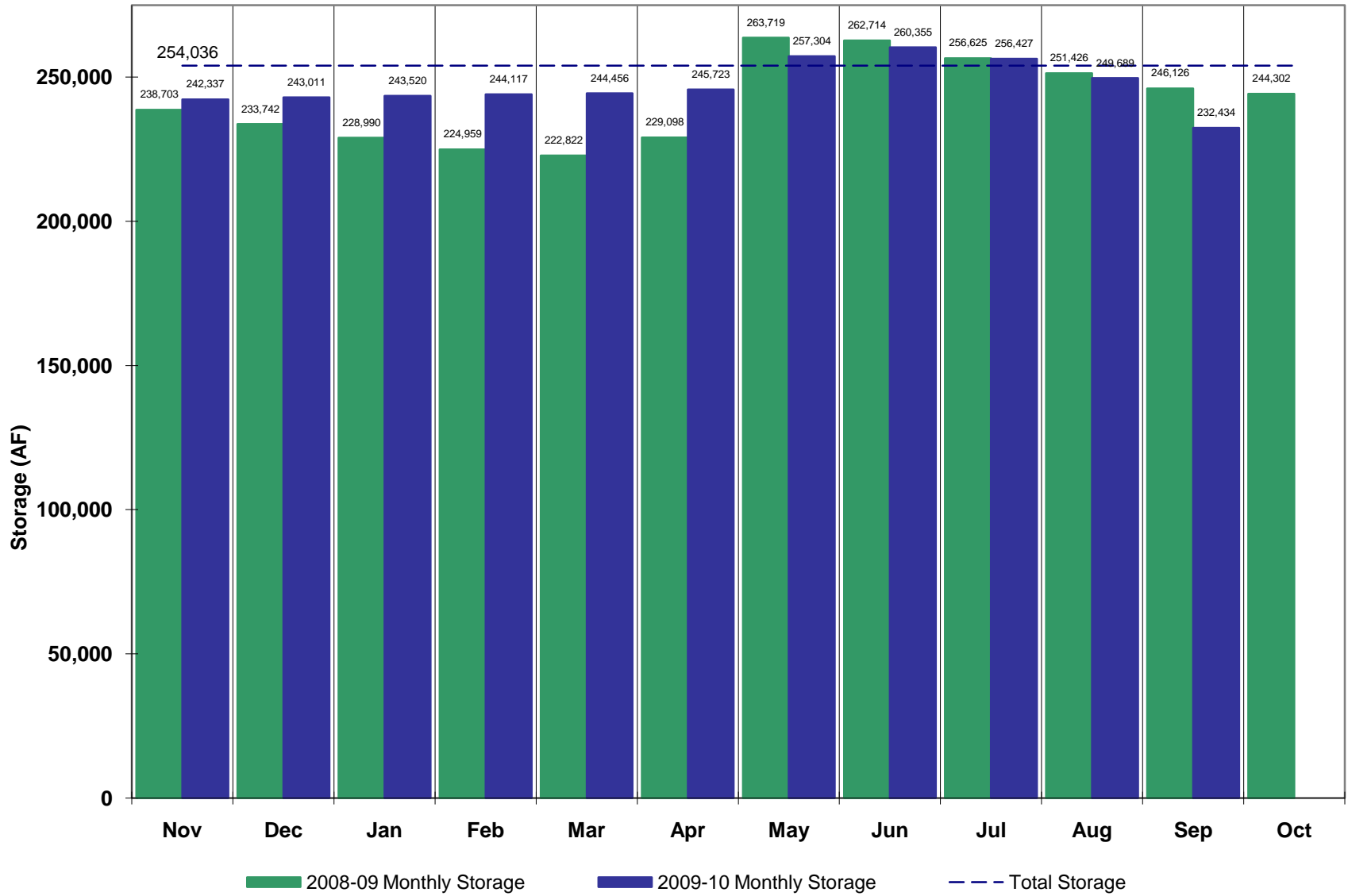
Horse Creek Reservoir

(District 1 - Agricultural)



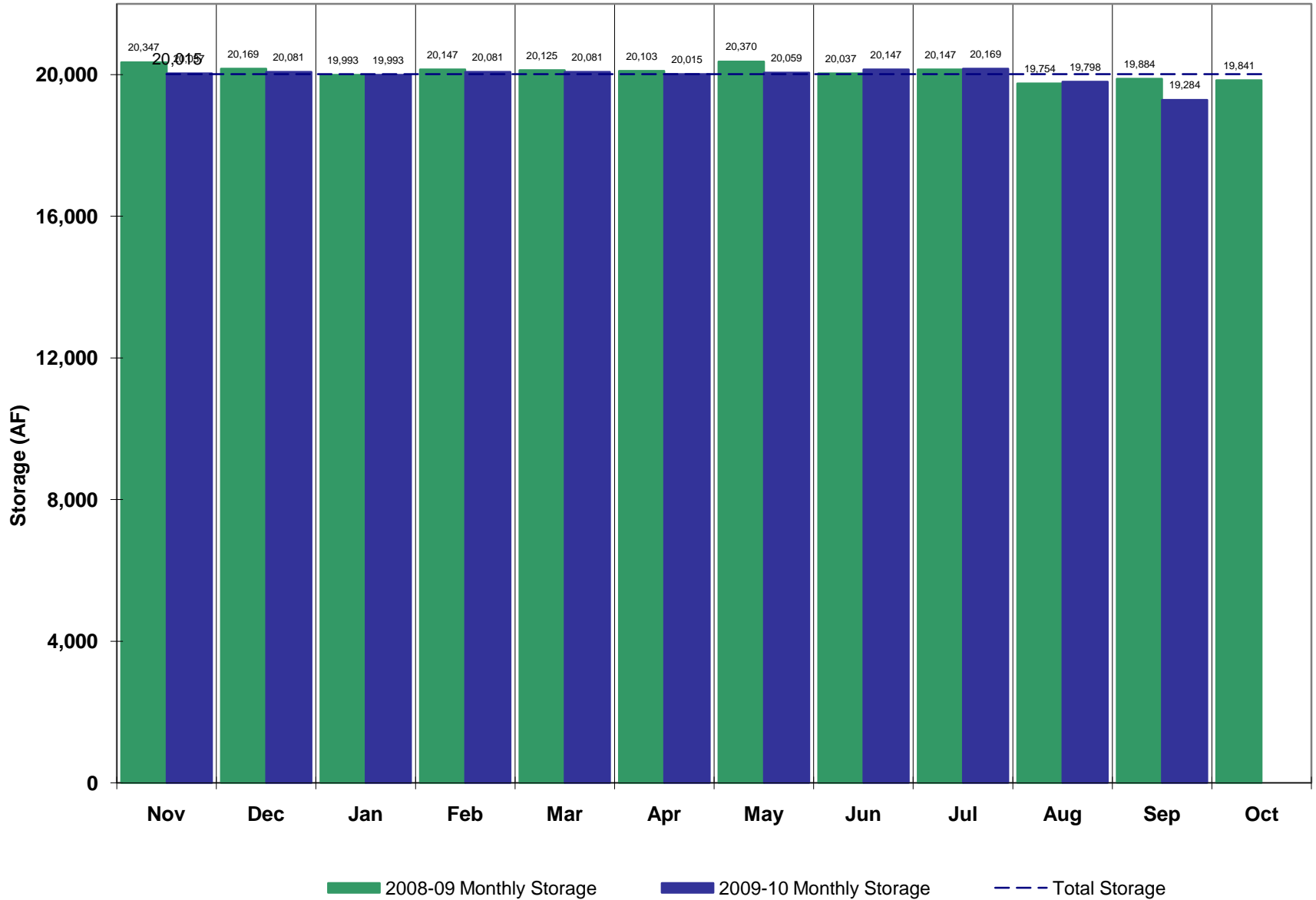
Dillon Reservoir

(Municipal)



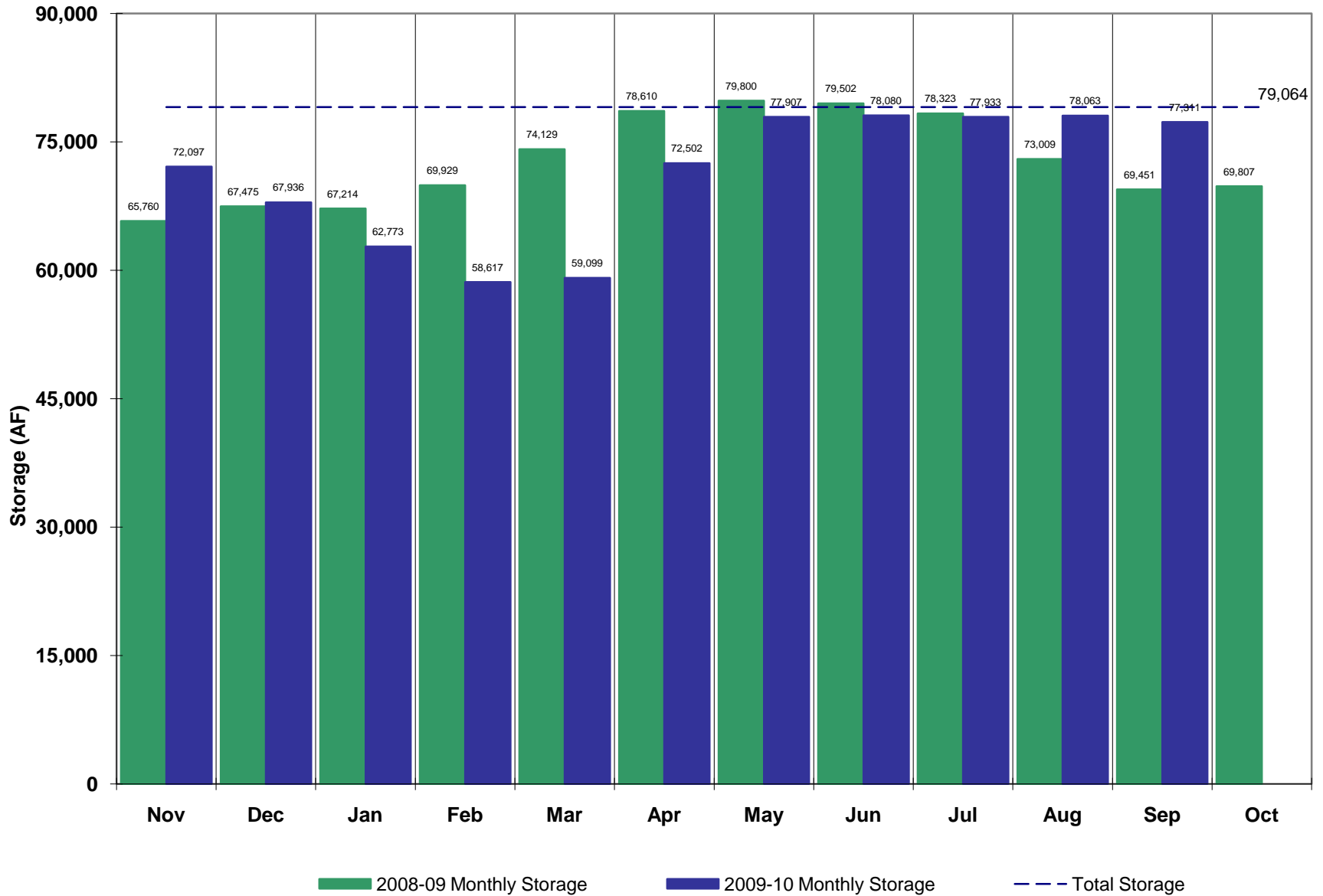
Antero Reservoir

(District 23 - Municipal)



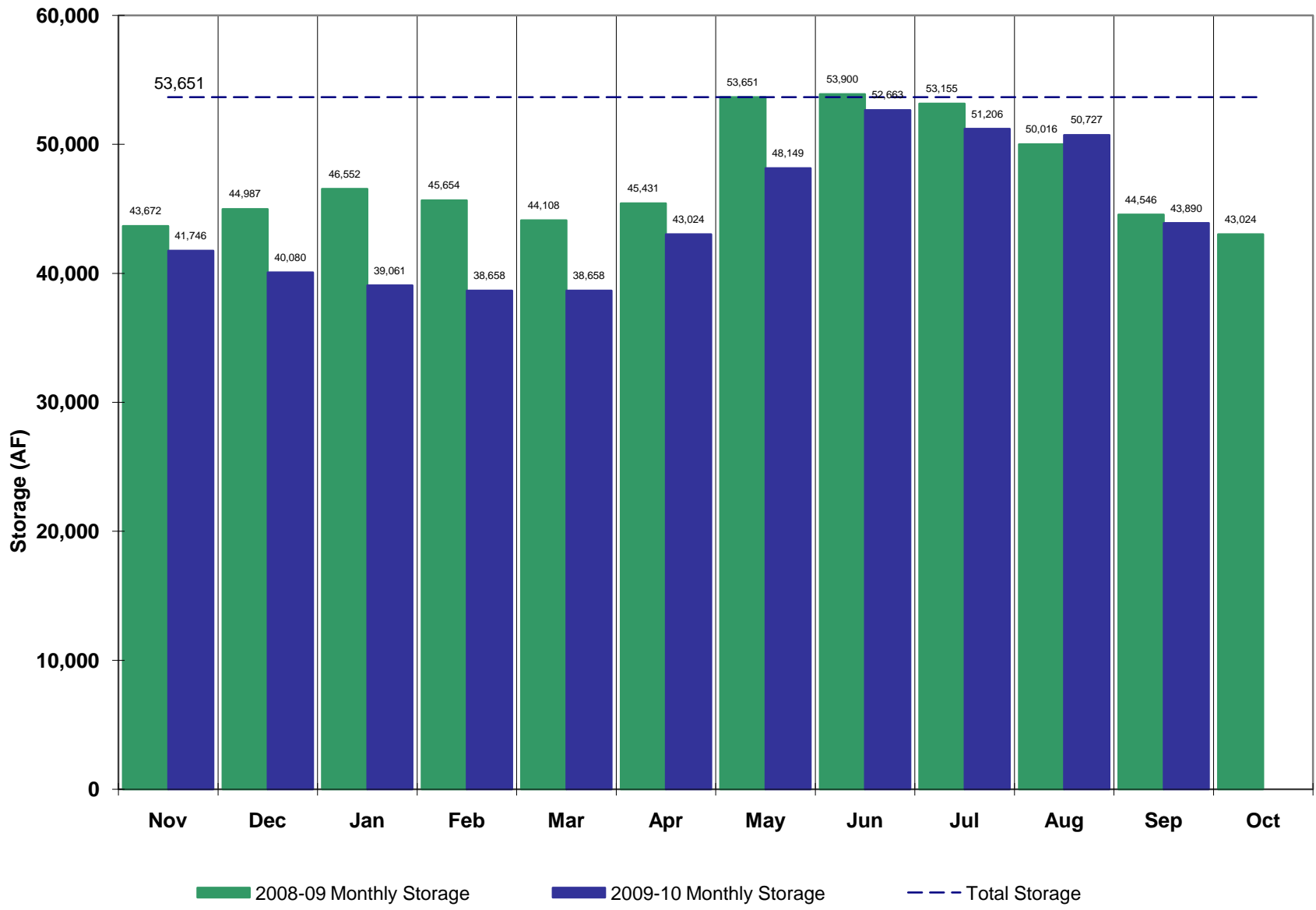
Cheesman Reservoir

(District 80 - Municipal)



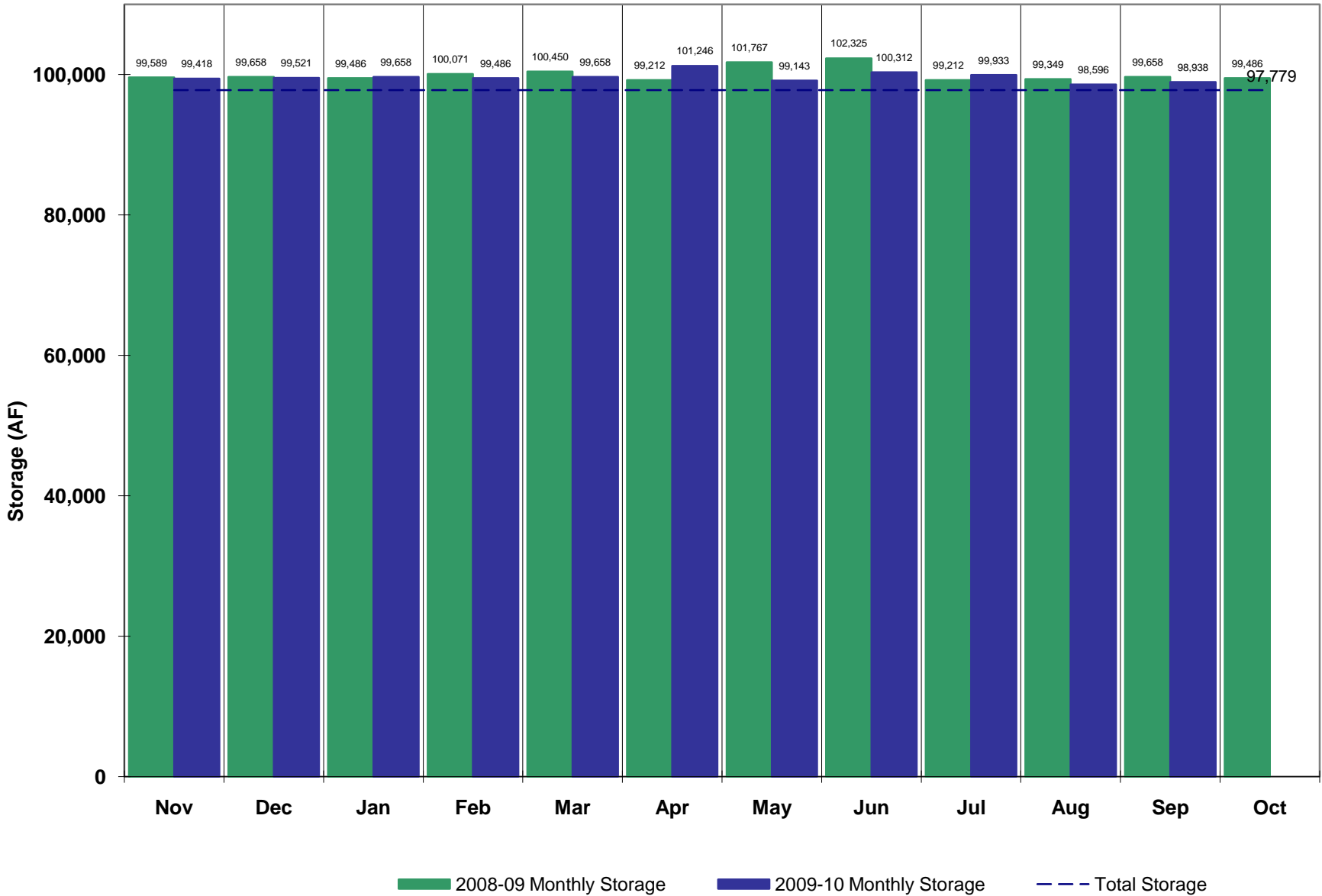
Spinney Mountain Reservoir

(District 23 - Municipal)

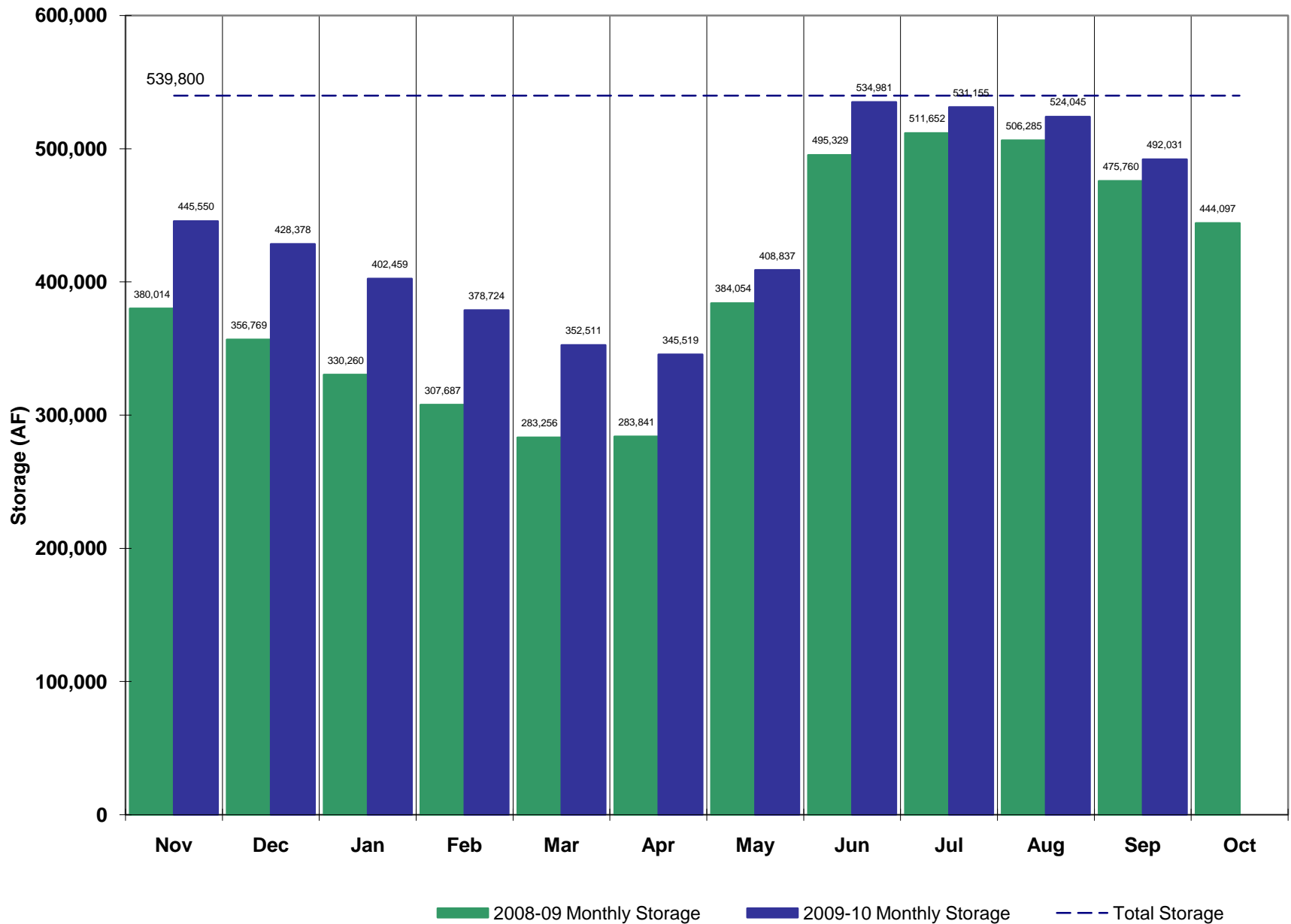


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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

