

South Platte Summary

May 2010



Compiled by Lee Cunning



Seaman Reservoir Spillway
(Photo by Lee Cunning)

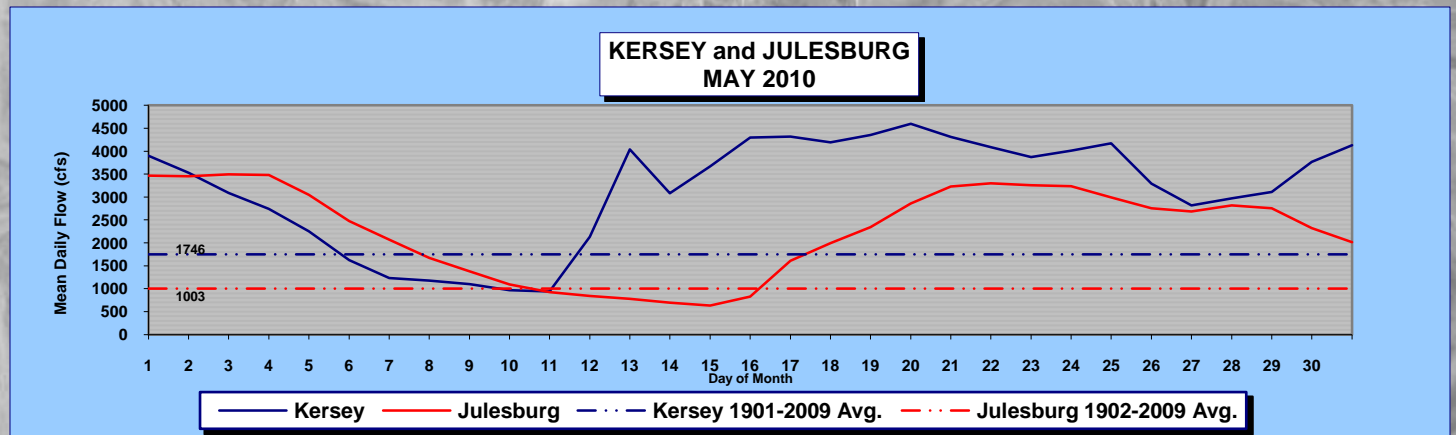
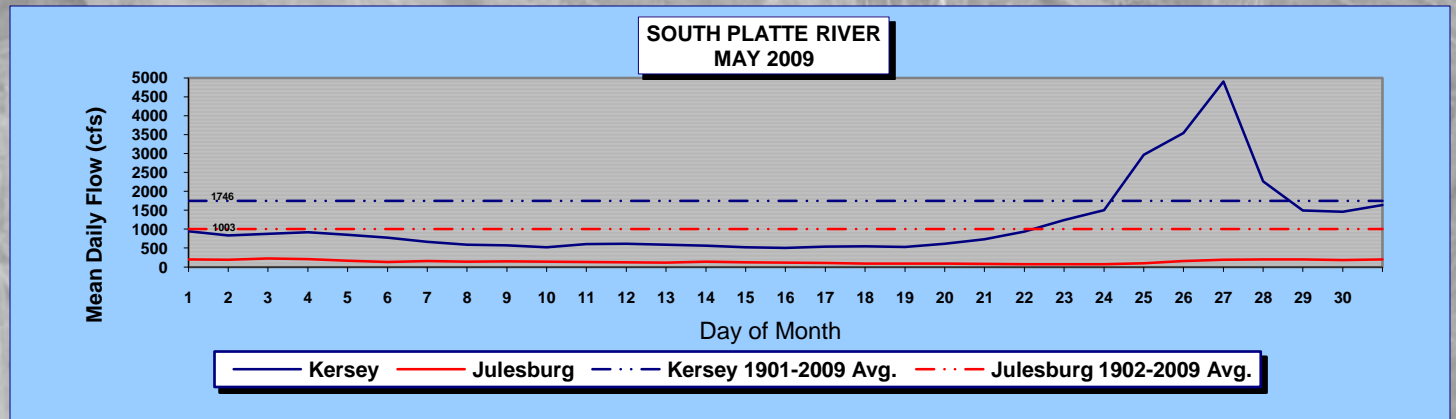
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF MAY 2010

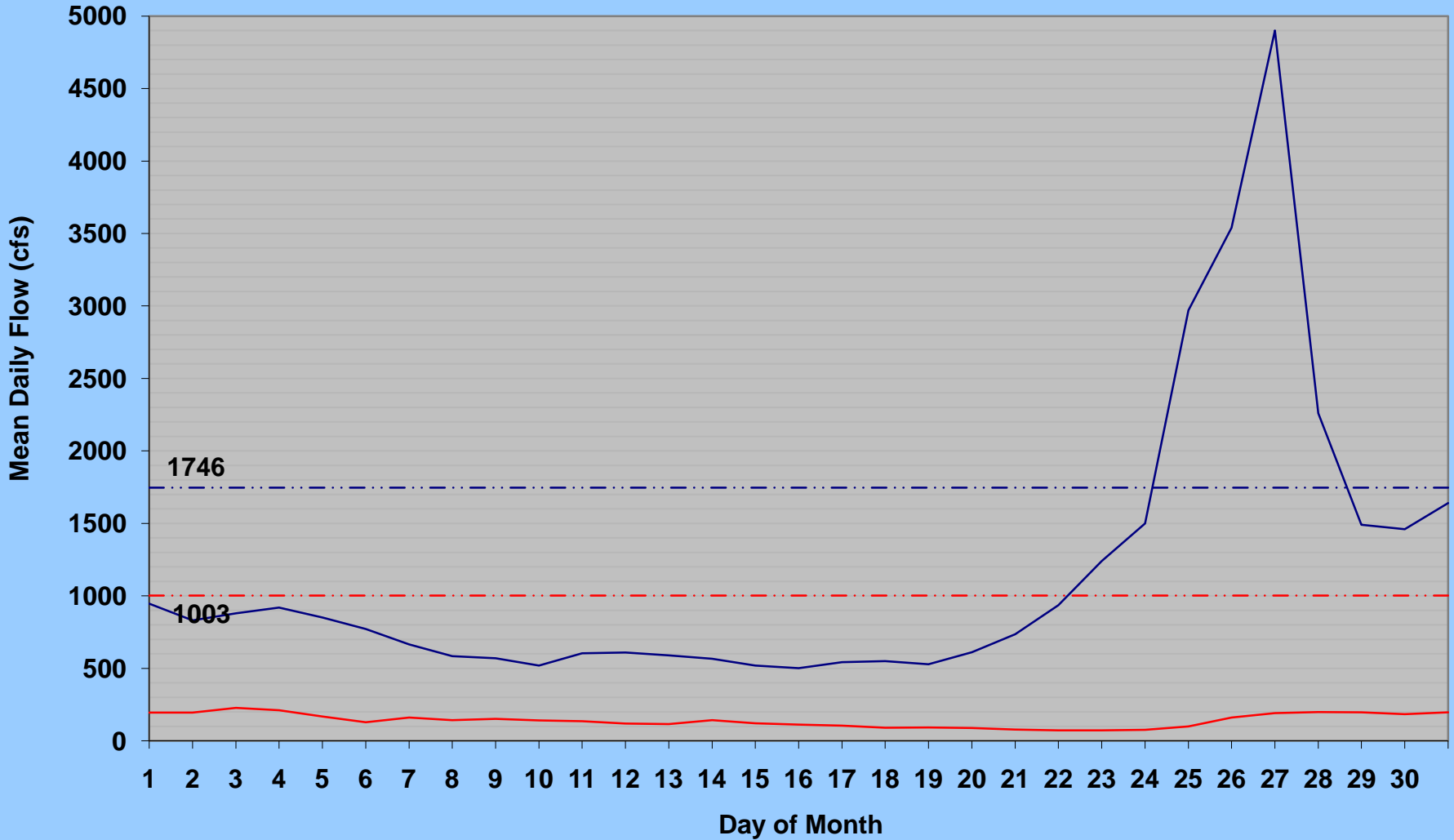
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	22,666	21,940	64	-726	-3%	97%	94%	0
N STERLING	73,730	74,156	72,441	64	-1,715	-2%	98%	98%	0
PREWITT	28,500	28,365	27,447	64	-918	-3%	96%	100%	0
JACKSON	27,257	27,257	27,257	1	0	0%	100%	100%	0
EMPIRE	37,700	37,125	37,320	1	195	1%	99%	100%	0
RIVERSIDE	63,113	63,303	62,961	1	-342	-1%	100%	92%	0
BARR LAKE	31,652	28,570	29,127	2	557	2%	92%	91%	0
CHEESMAN	79,064	72,502	77,907	80	5,405	7%	99%	100%	0
ELEVEN MILE	97,779	101,246	99,143	23	-2,103	-2%	100%	100%	1,364
SPINNEY	53,651	43,024	48,149	23	5,125	12%	90%	100%	0
ANTERO	20,015	20,015	20,059	23	44	0%	100%	100%	44

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	3154
JULESBURG	2274
THIS MONTH LAST YEAR	
KERSEY	1156
JULESBURG	141
MEAN FOR PERIOD OF RECORD*	
KERSEY	1746
JULESBURG	1003

* 1901-2009
1902-2009

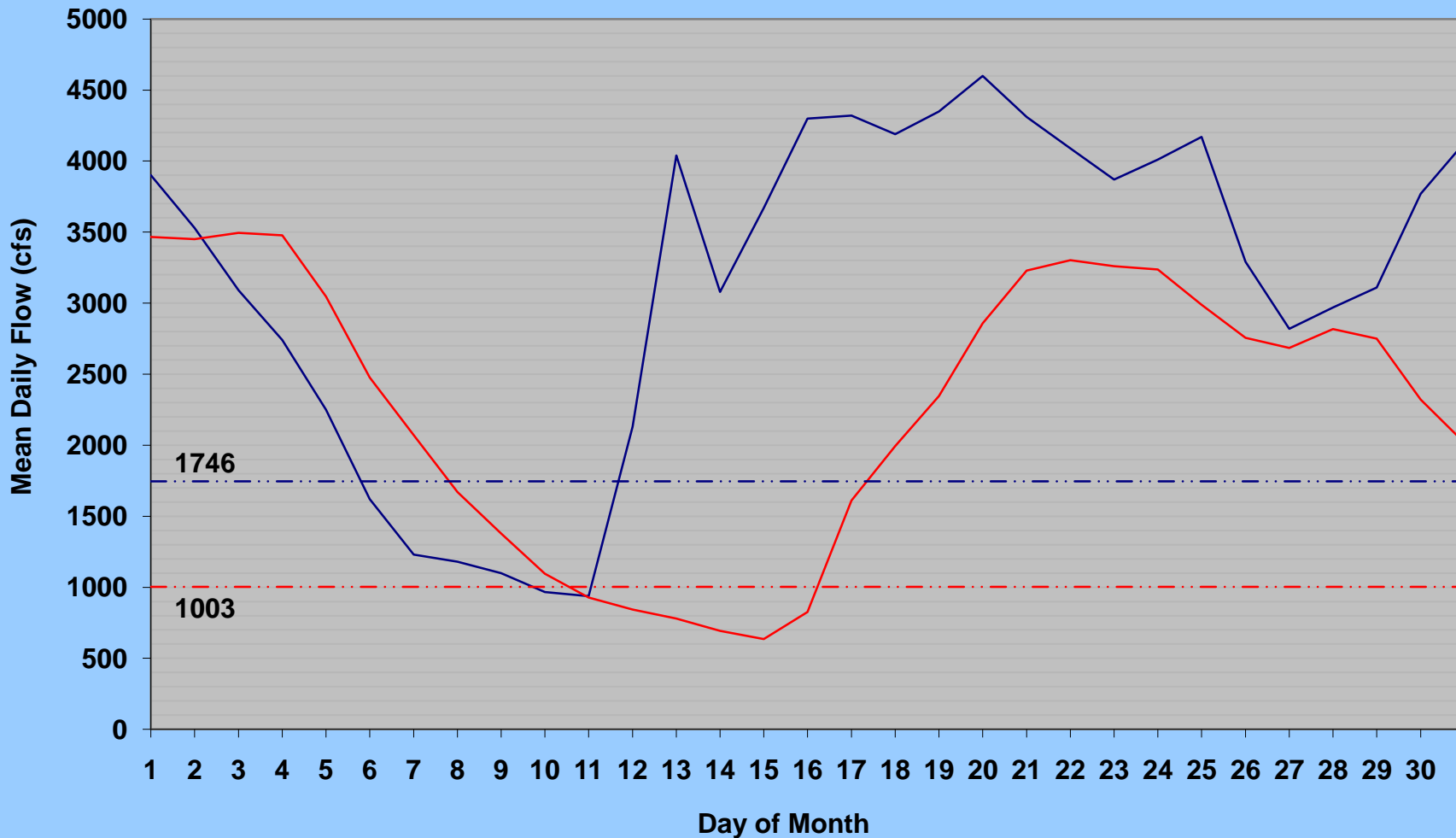


SOUTH PLATTE RIVER MAY 2009



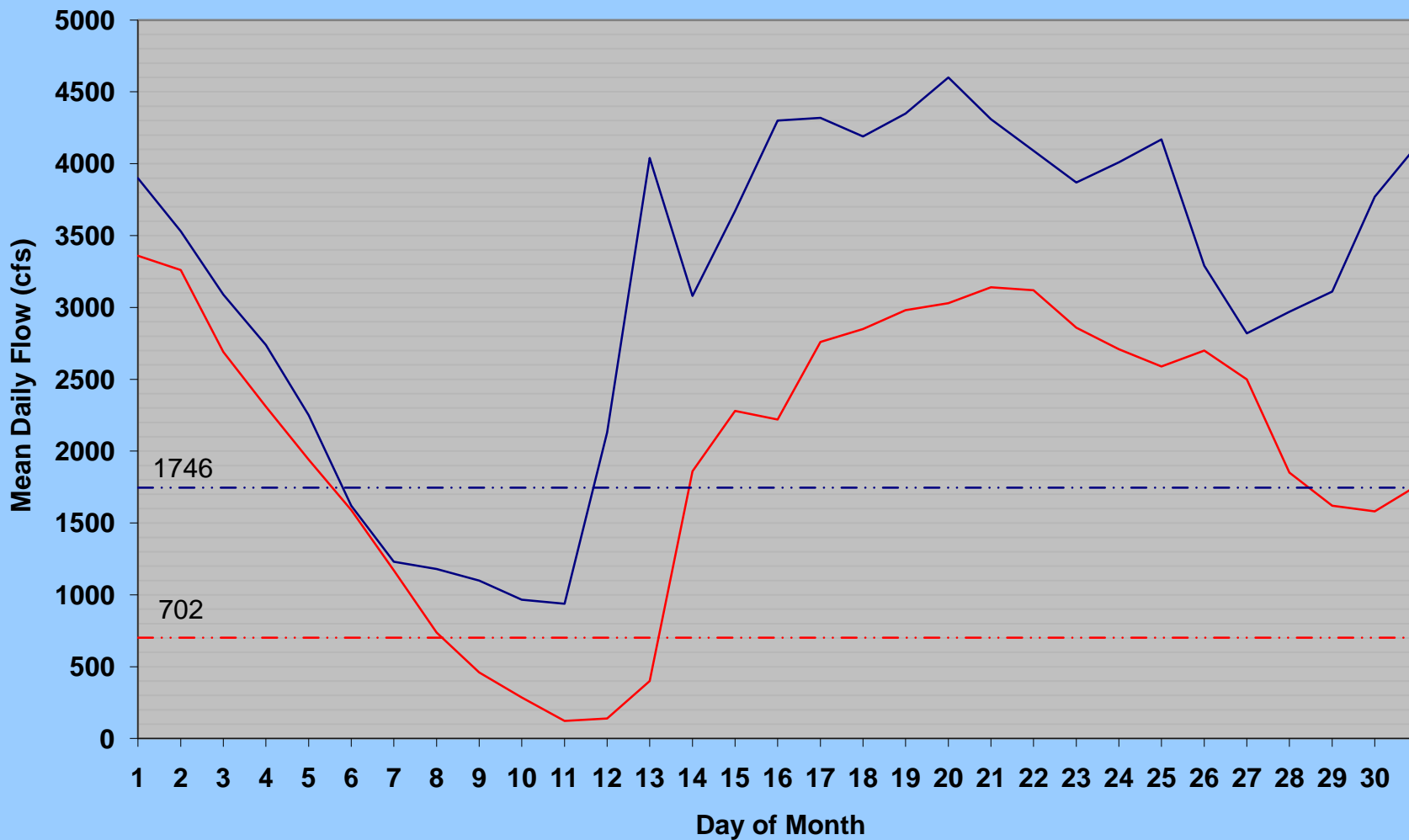
— Kersey — Julesburg - - - Kersey 1901-2009 Avg. - - - Julesburg 1902-2009 Avg.

KERSEY and JULESBURG MAY 2010



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

KERSEY and BALZAC MAY 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		Jun	1430	30800	1921	2.0	1910	
Jul	664	12600	1983	44	1955		Jul	295	12600	1983	0.0	1903	
Aug	509	9690	1951	65	1934		Aug	180	8920	1968	0.0	1903	
Sep	517	14200	1938	62	1940		Sep	239	7130	1938	2.0	1902	
Oct	668	6180	1984	66	1954		Oct	301	3130	1984	4.2	1903	

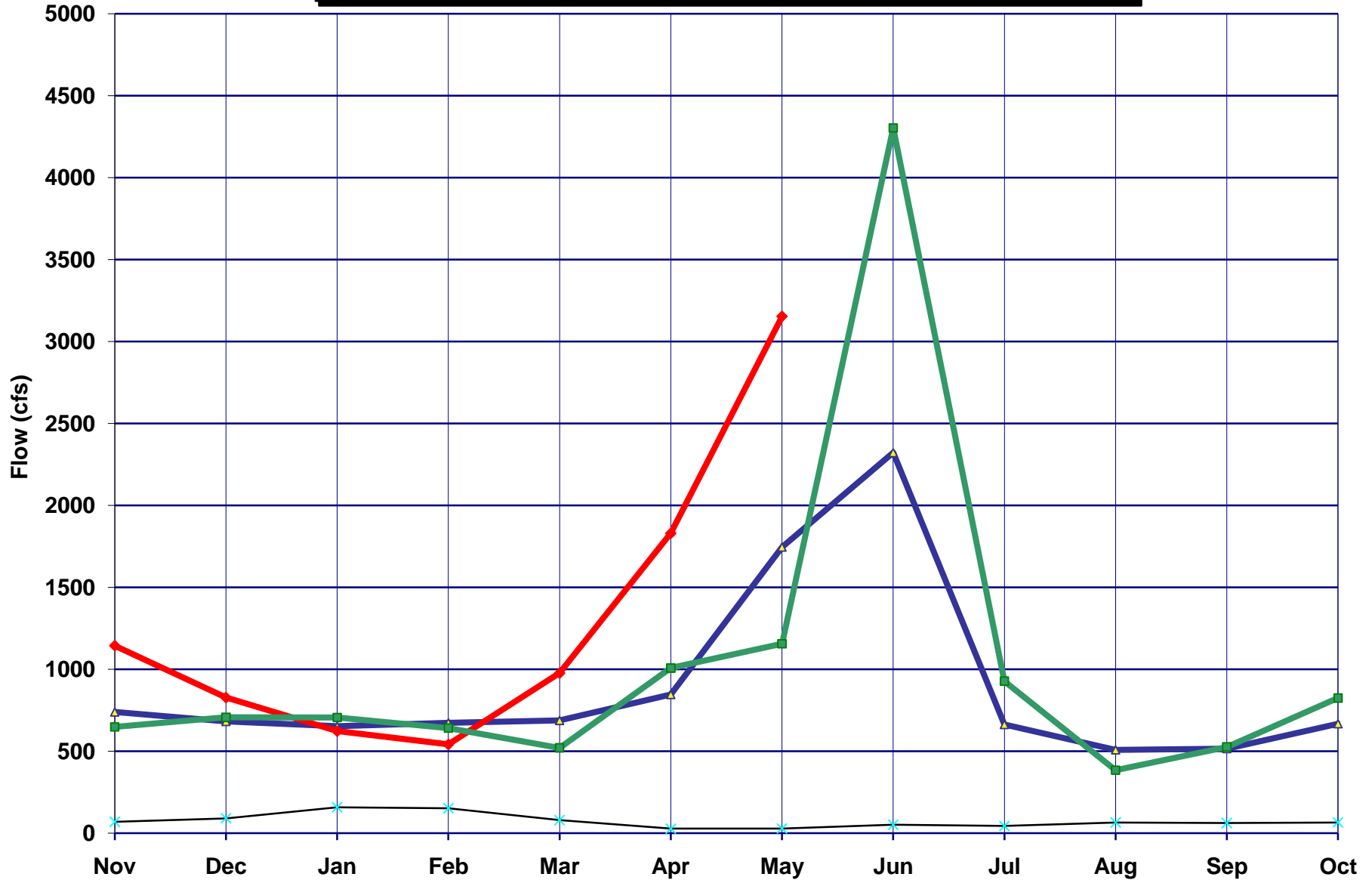
*Period of record 1901-2009

*Period of record 1902-2009

Below Long Draw Reservoir
(Photo by Lee Cunning)

South Platte River at Kersey

Irrigation Water Year

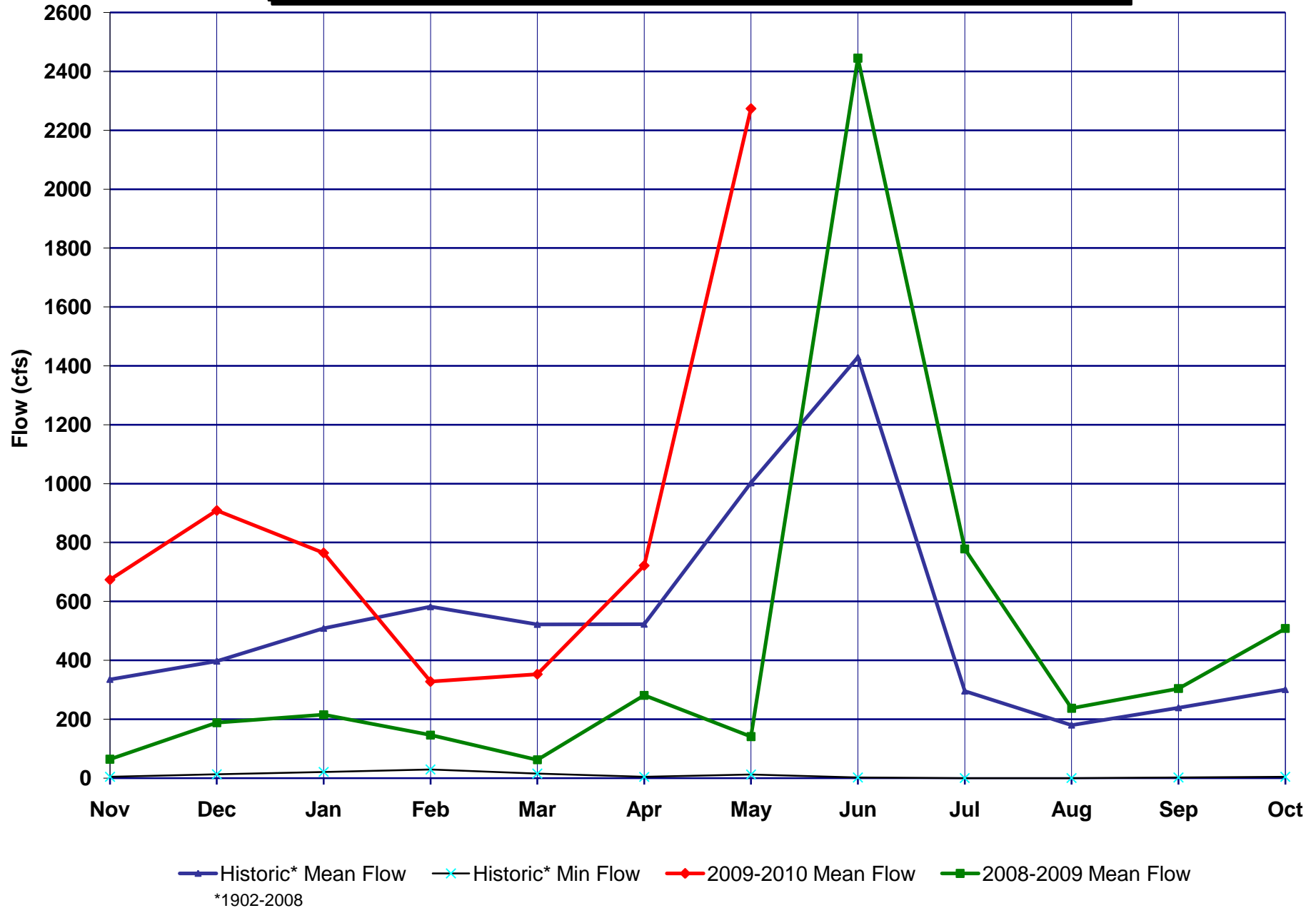


Historic* Mean Flow Historic* Min Flow 2009-2010 Mean Flow 2008-2009 Mean Flow

*1901-2008

South Platte River at Julesburg

Irrigation Year



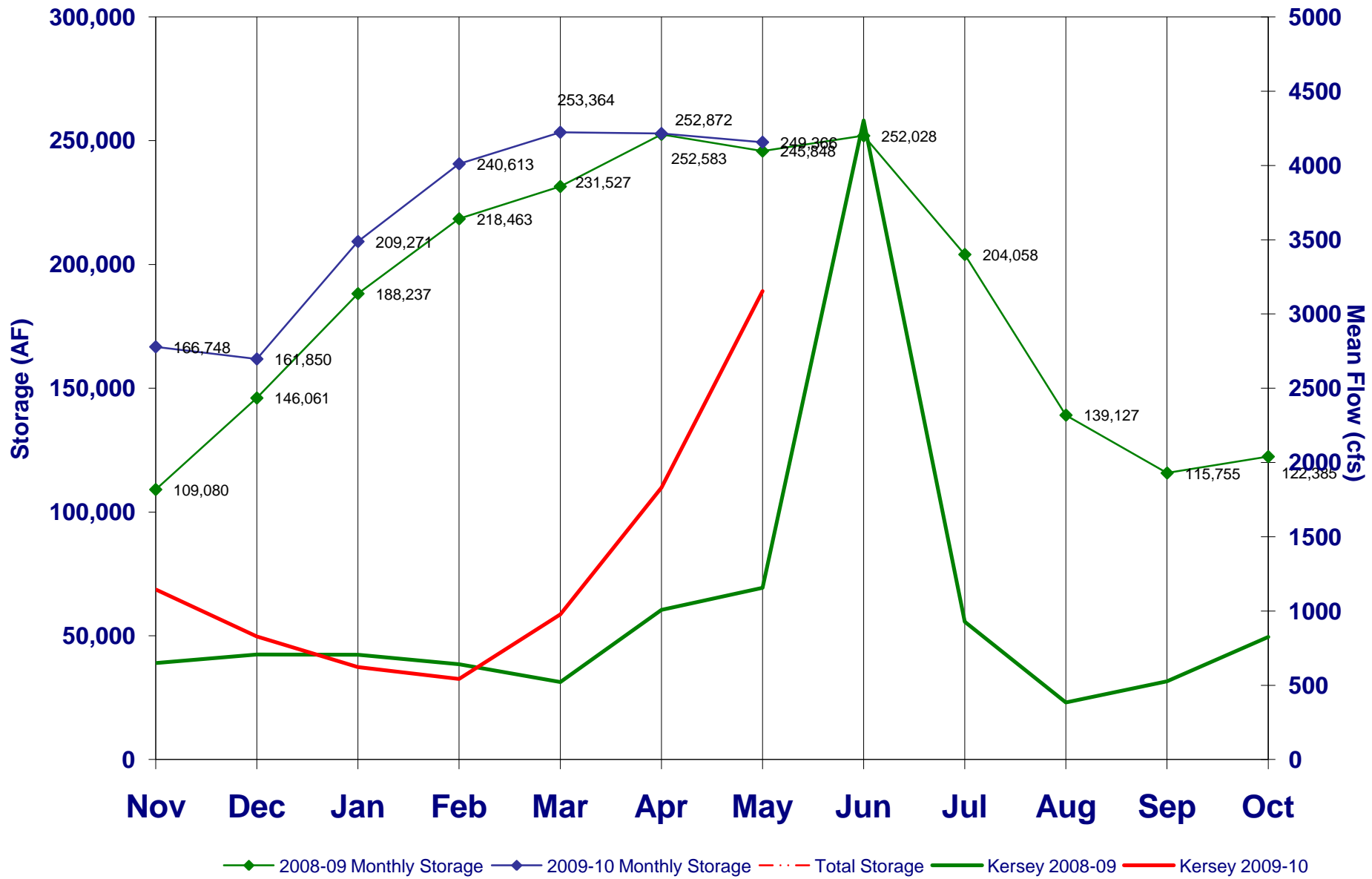
Next four slides show Reservoir Storage below and above Kersey



North Fork Cache La Poudre River
(Photo by Lee Cunning)

Reservoir Storage below Kersey

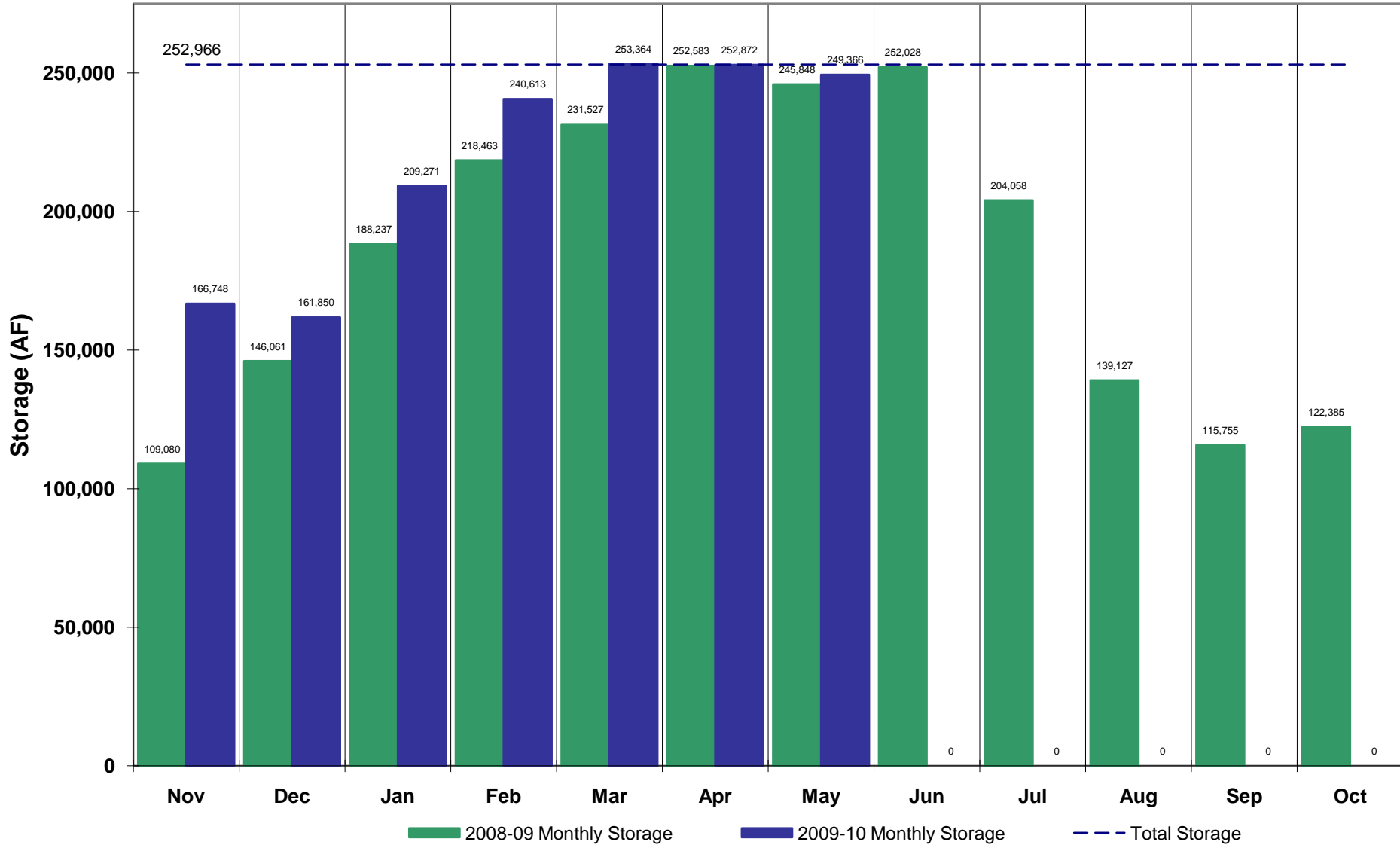
Selected Reservoirs*



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

South Platte Reservoirs

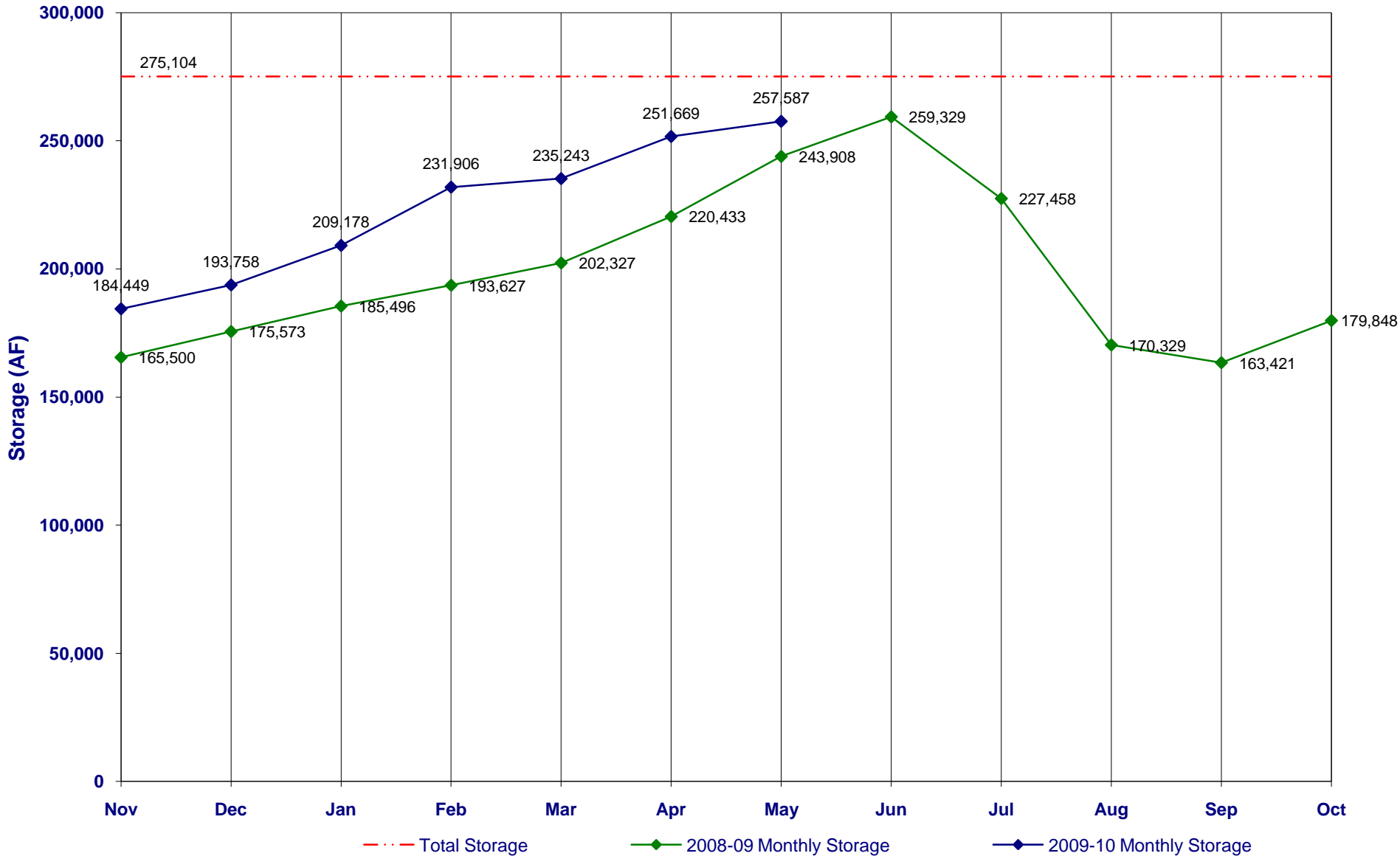
Storage below Kersey*



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

Reservoir Storage above Kersey

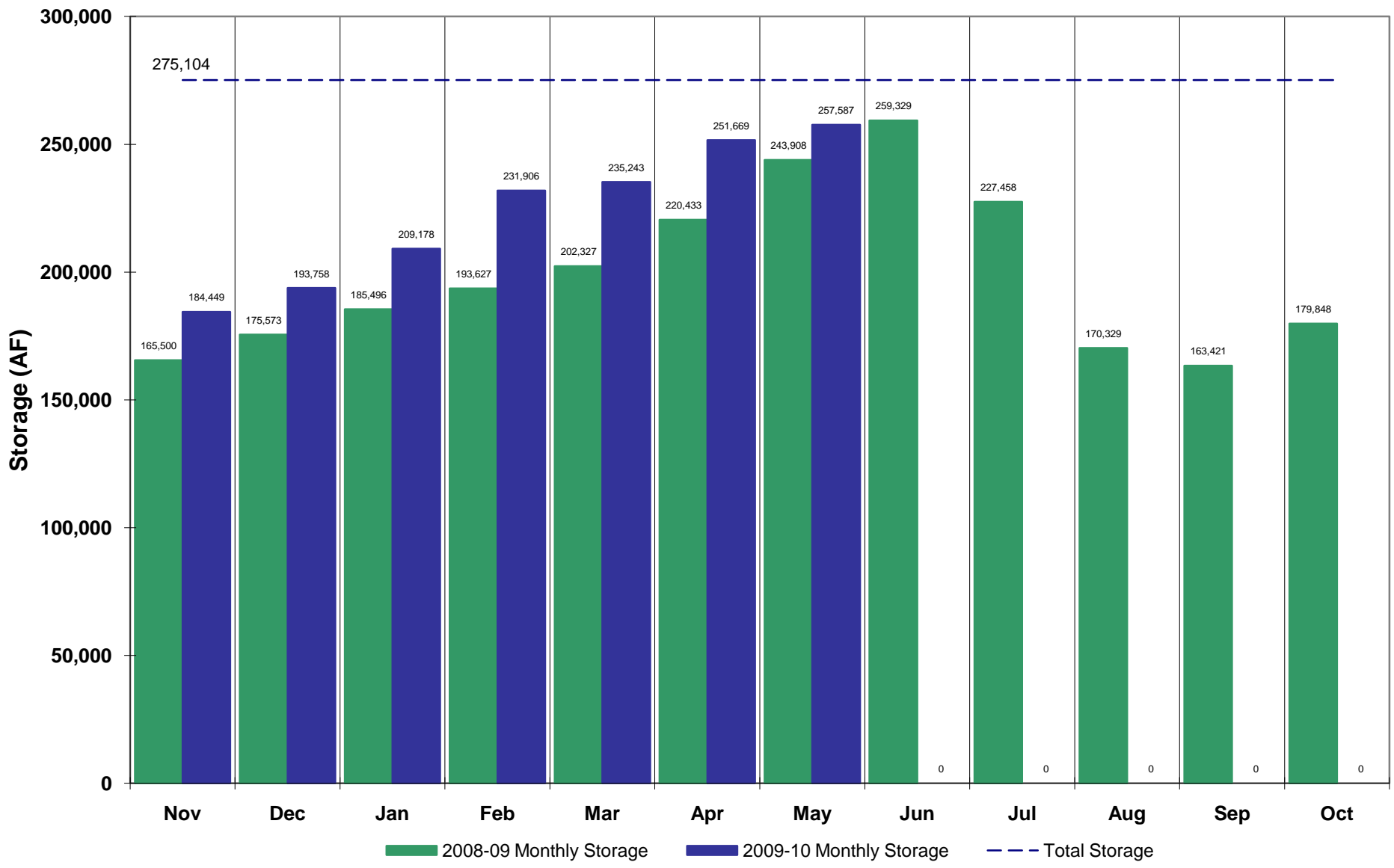
Selected Reservoirs*



*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

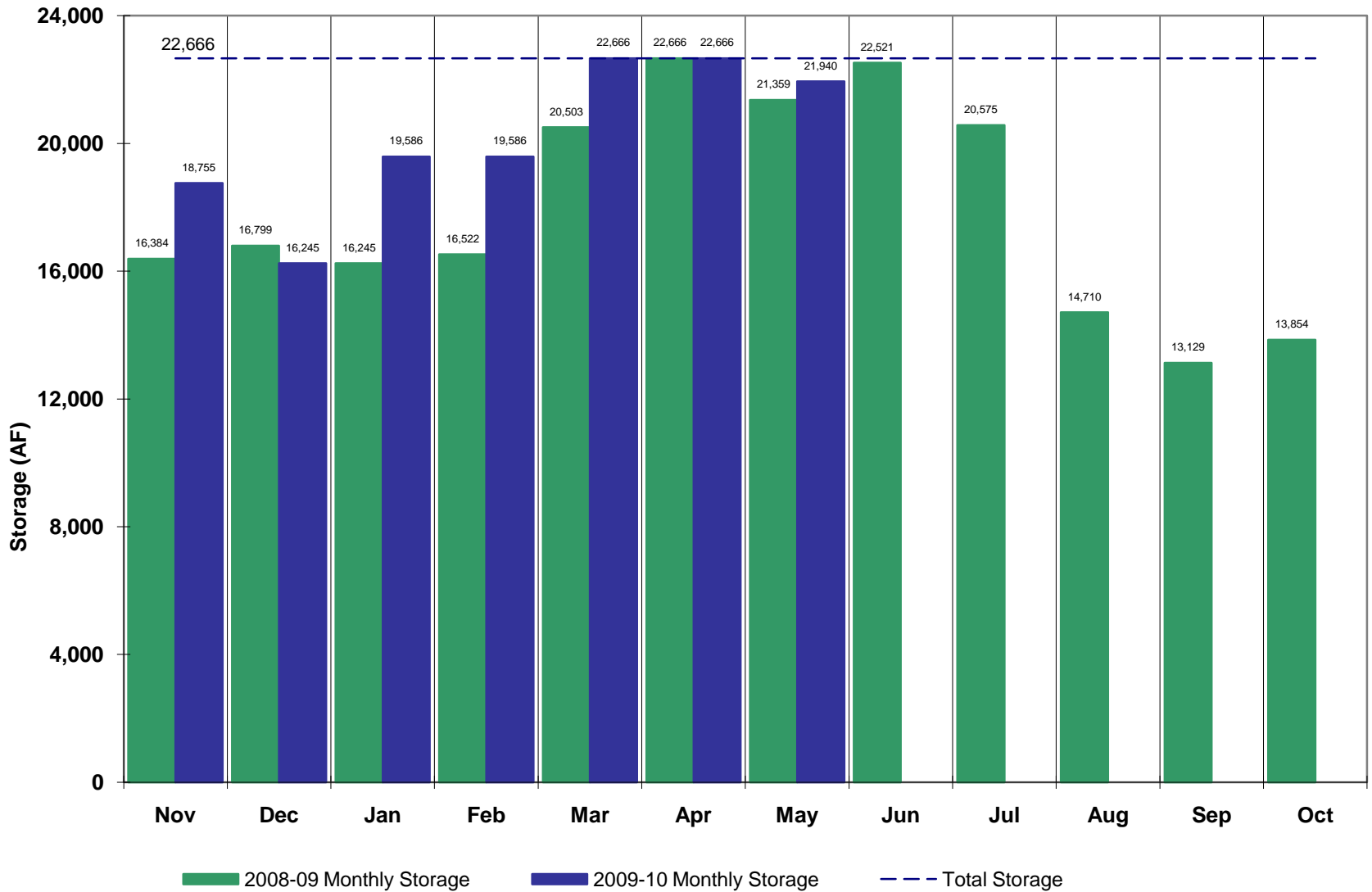
Individual Reservoir Storage Follows



**Long Draw Reservoir
(Photo by Lee Cunning)**

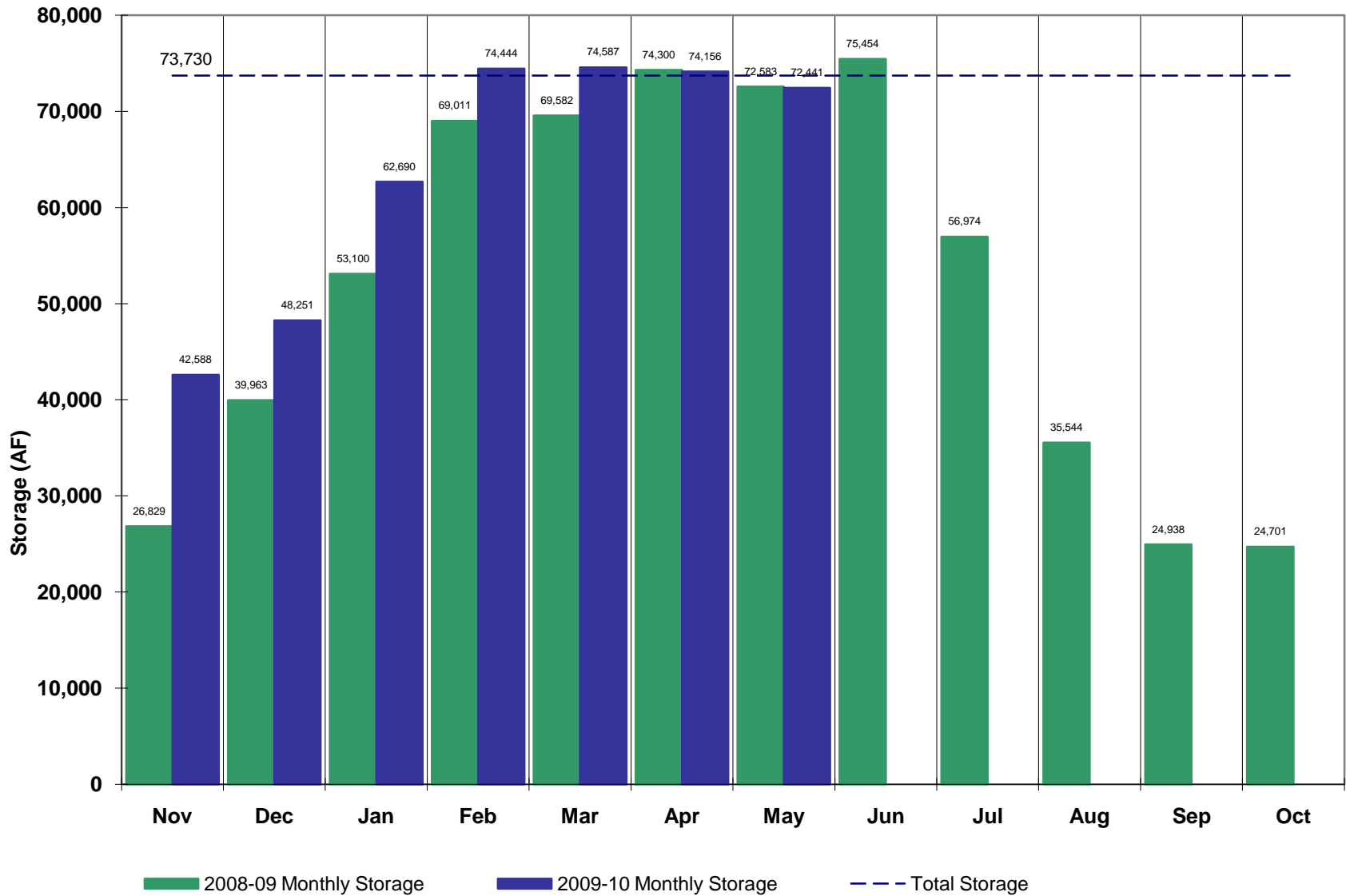
Julesburg Reservoir

(District 64 - Agricultural)



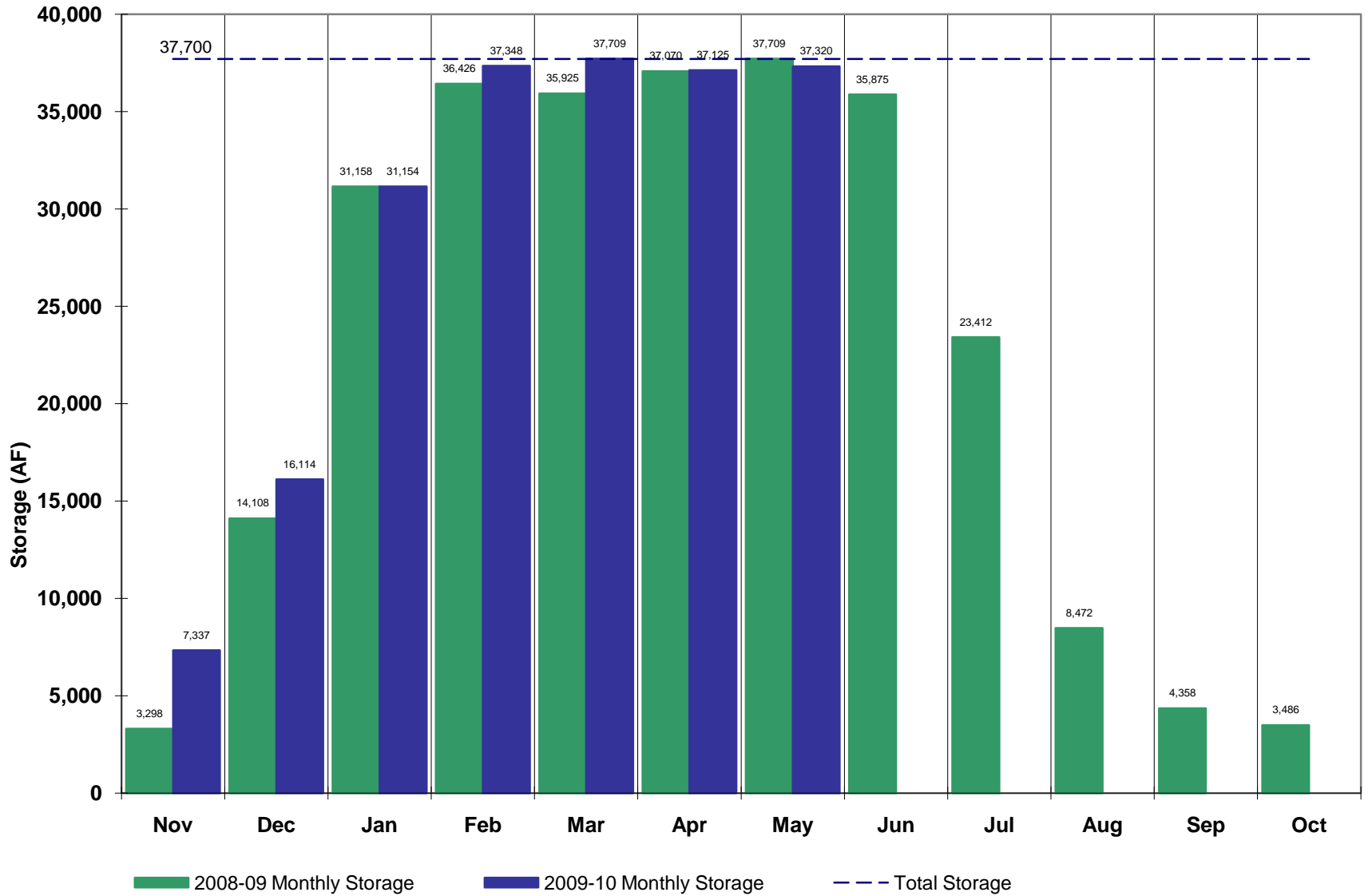
North Sterling Reservoir

(District 64- Agricultural)



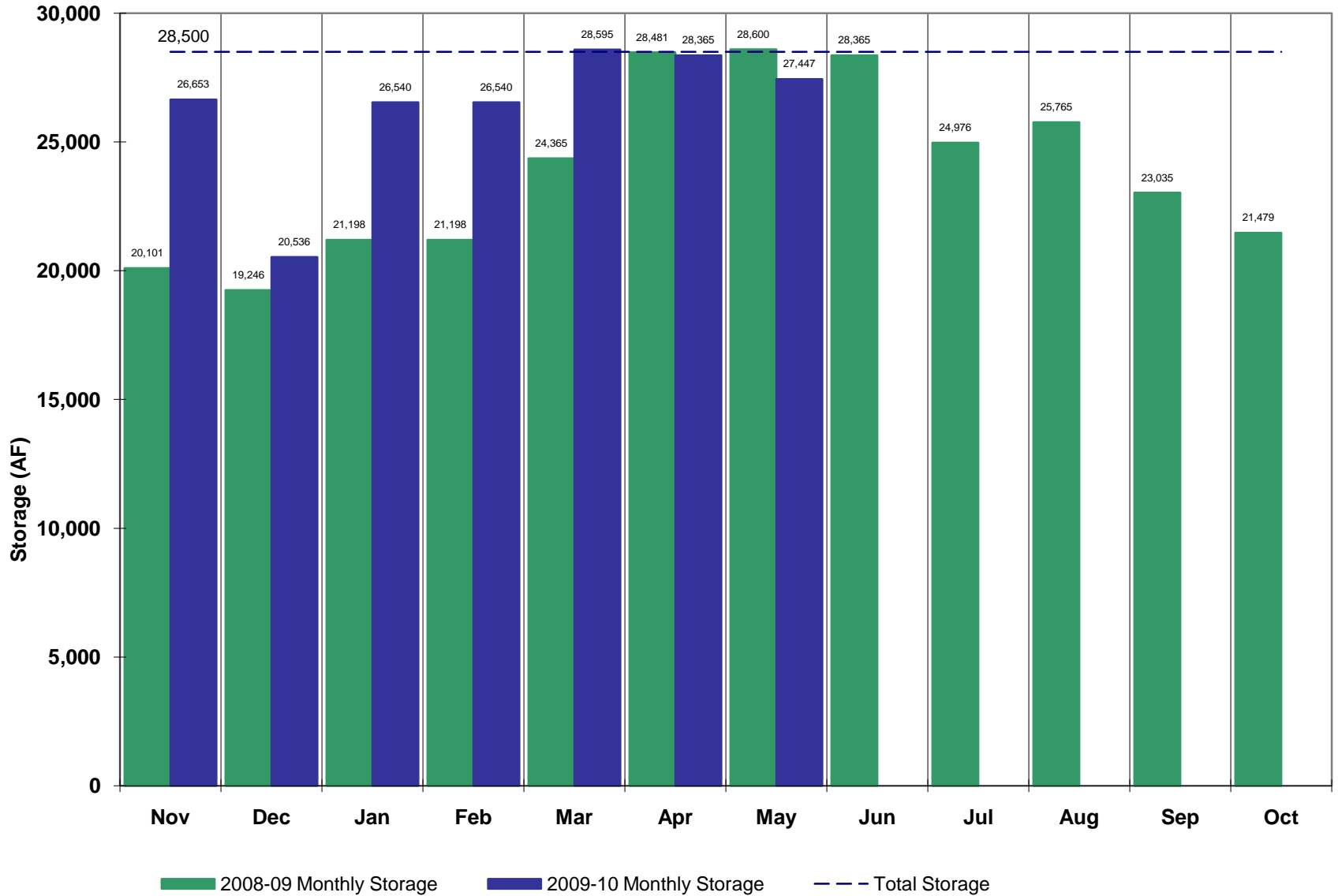
Empire Reservoir

(District 1- Agricultural)



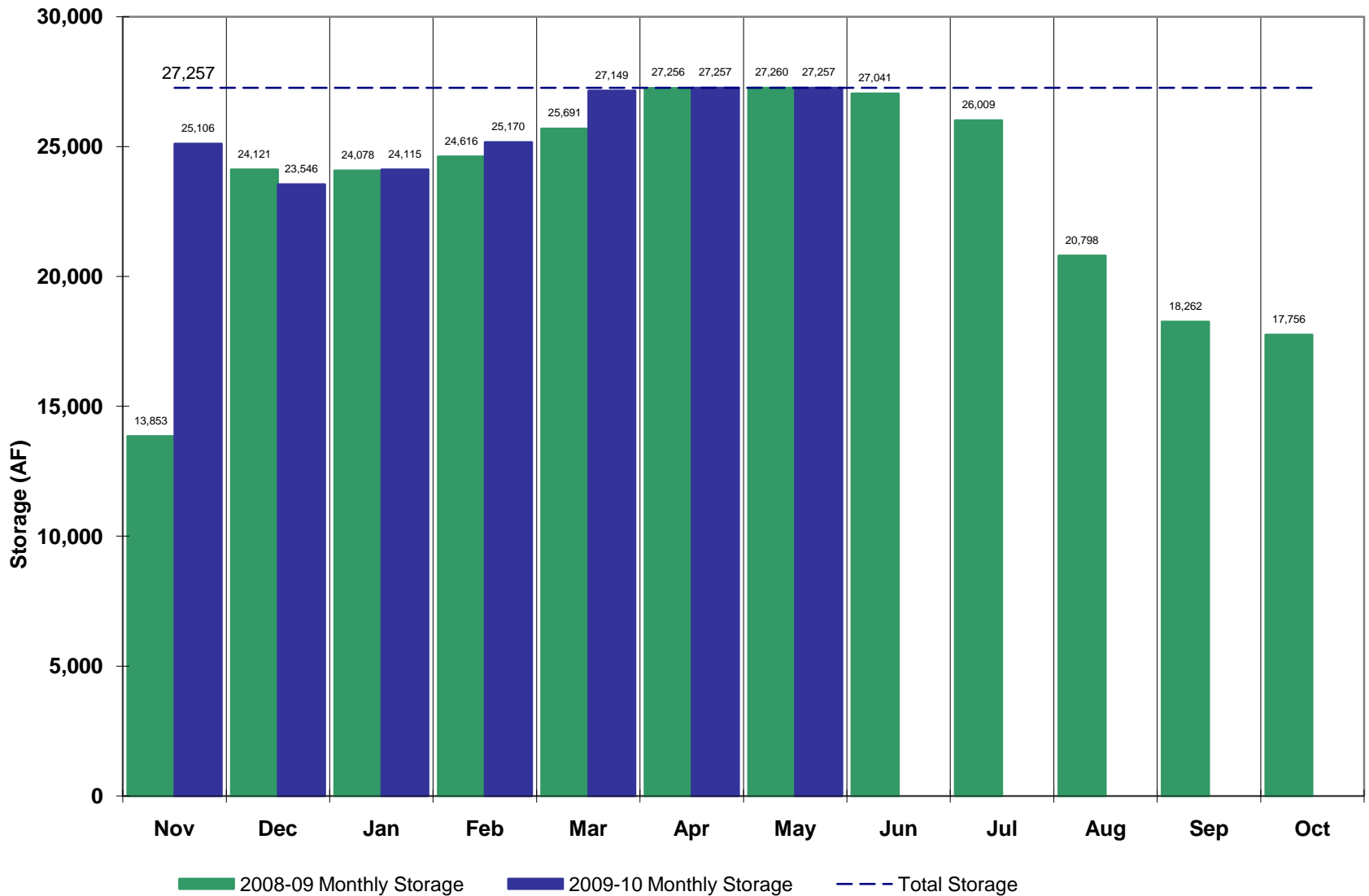
Prewitt Reservoir

(District 64- Agricultural)



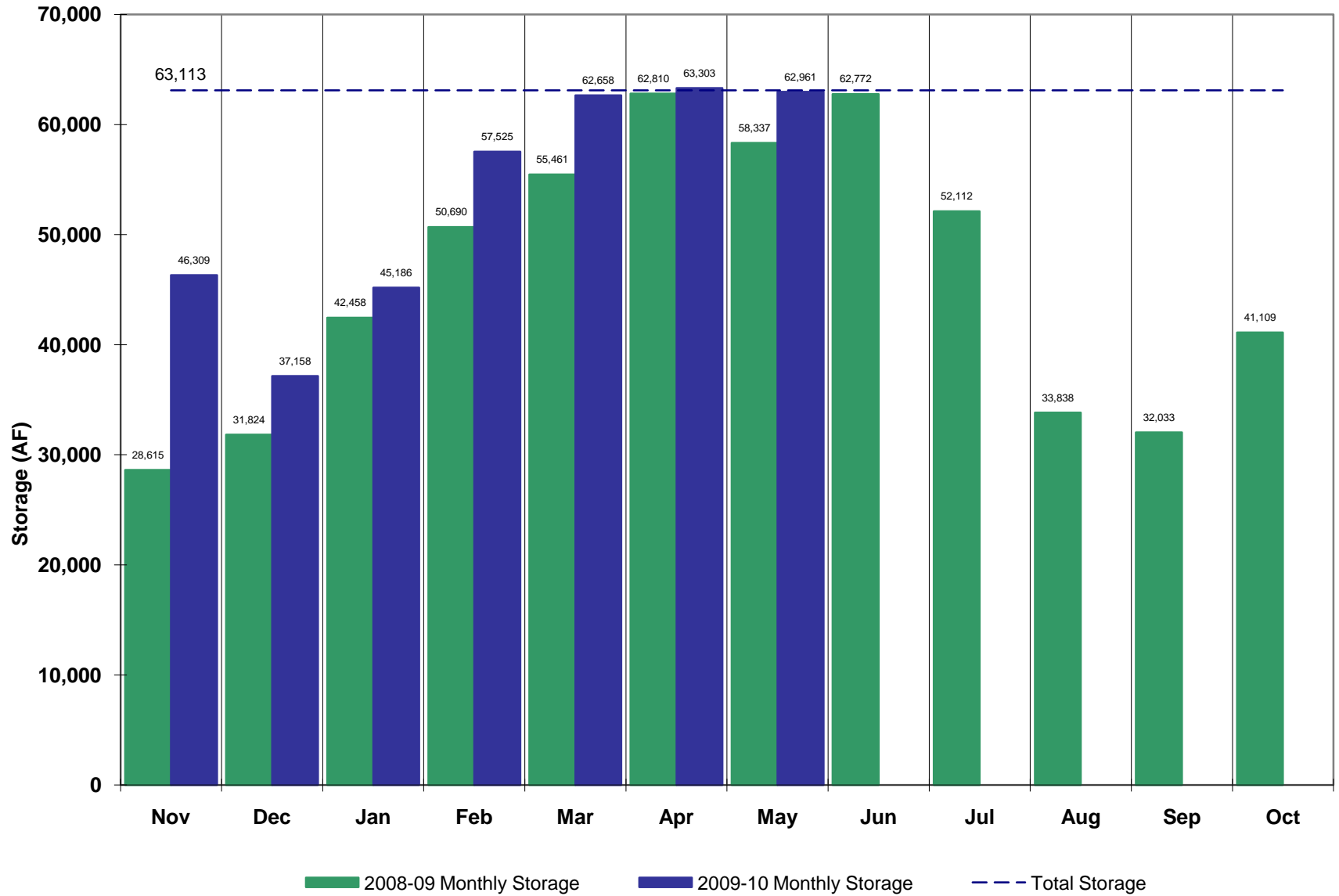
Jackson Reservoir

(District 1- Agricultural)



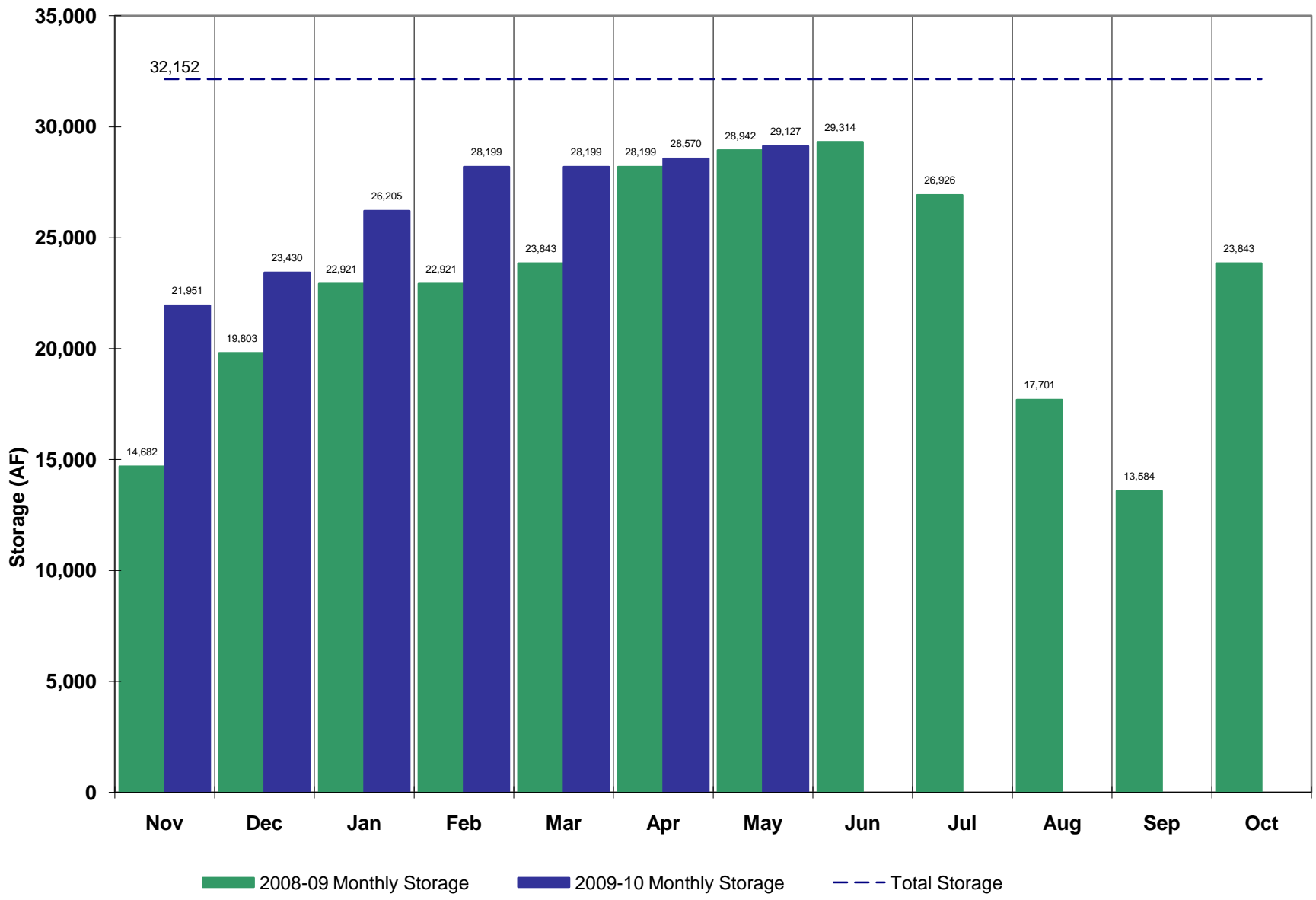
Riverside Reservoir

(District 1 - Agricultural)



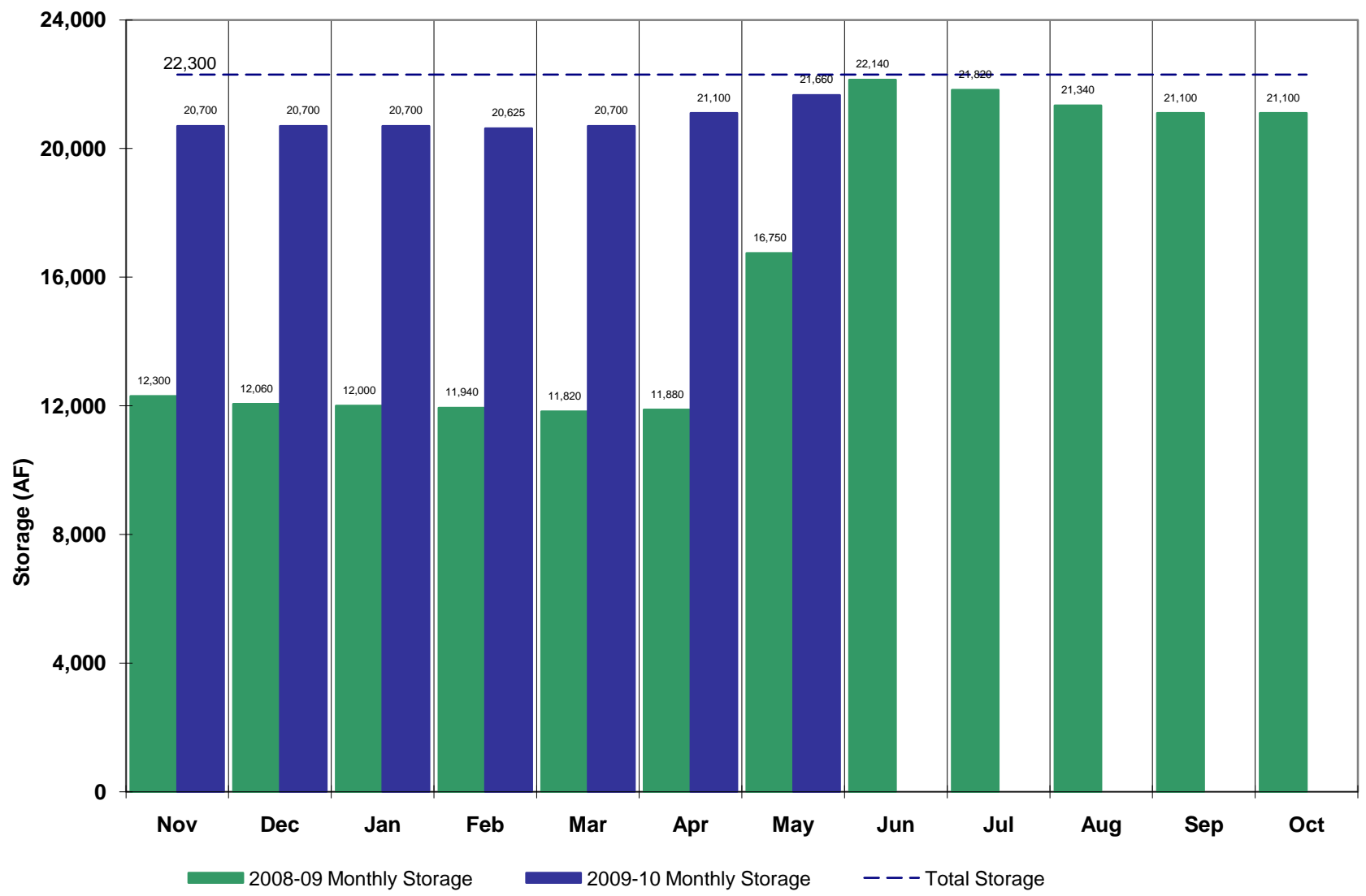
Barr Lake

(District 2 - Agricultural)



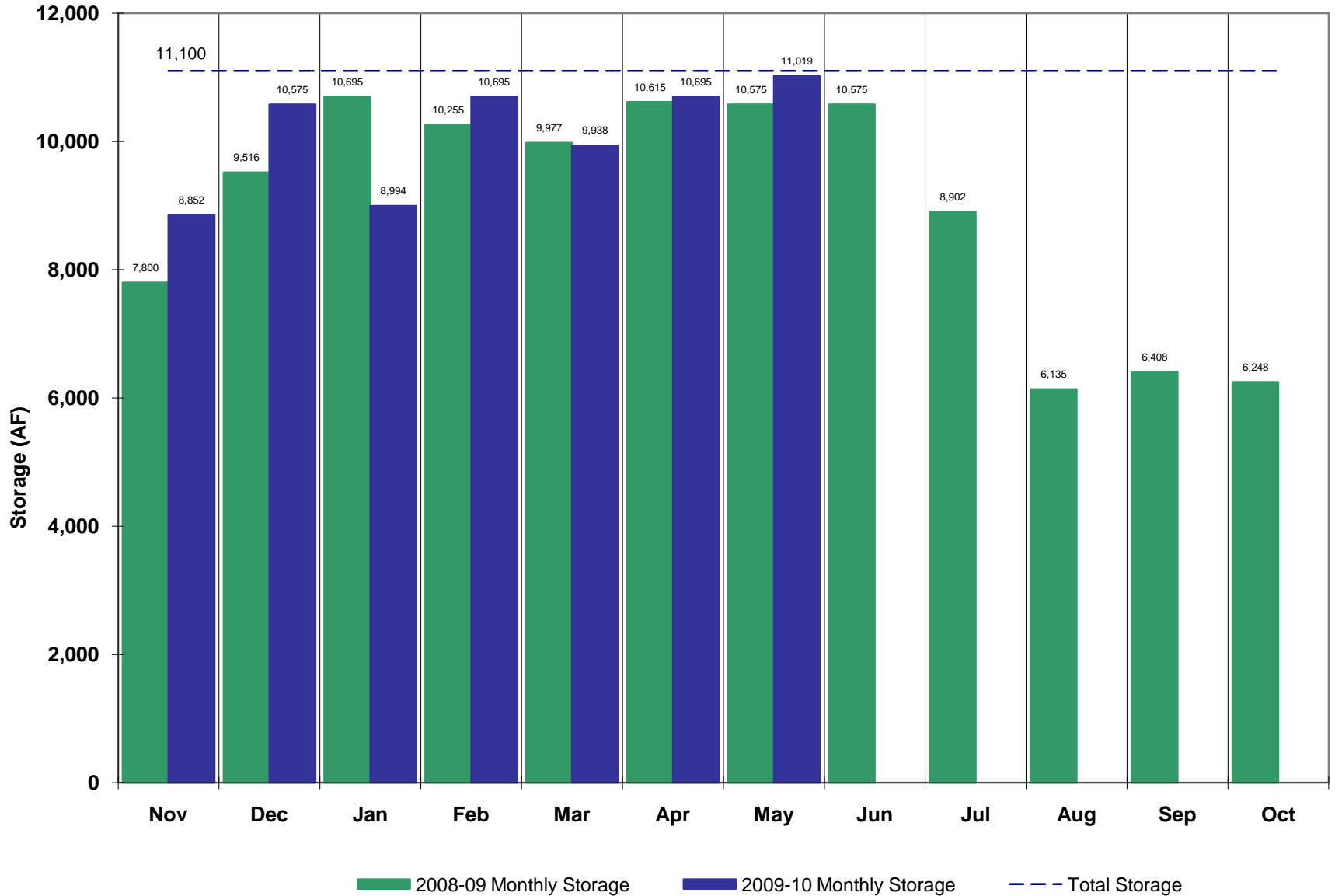
Cobb Lake

(District 3, Poudre River - Agricultural)



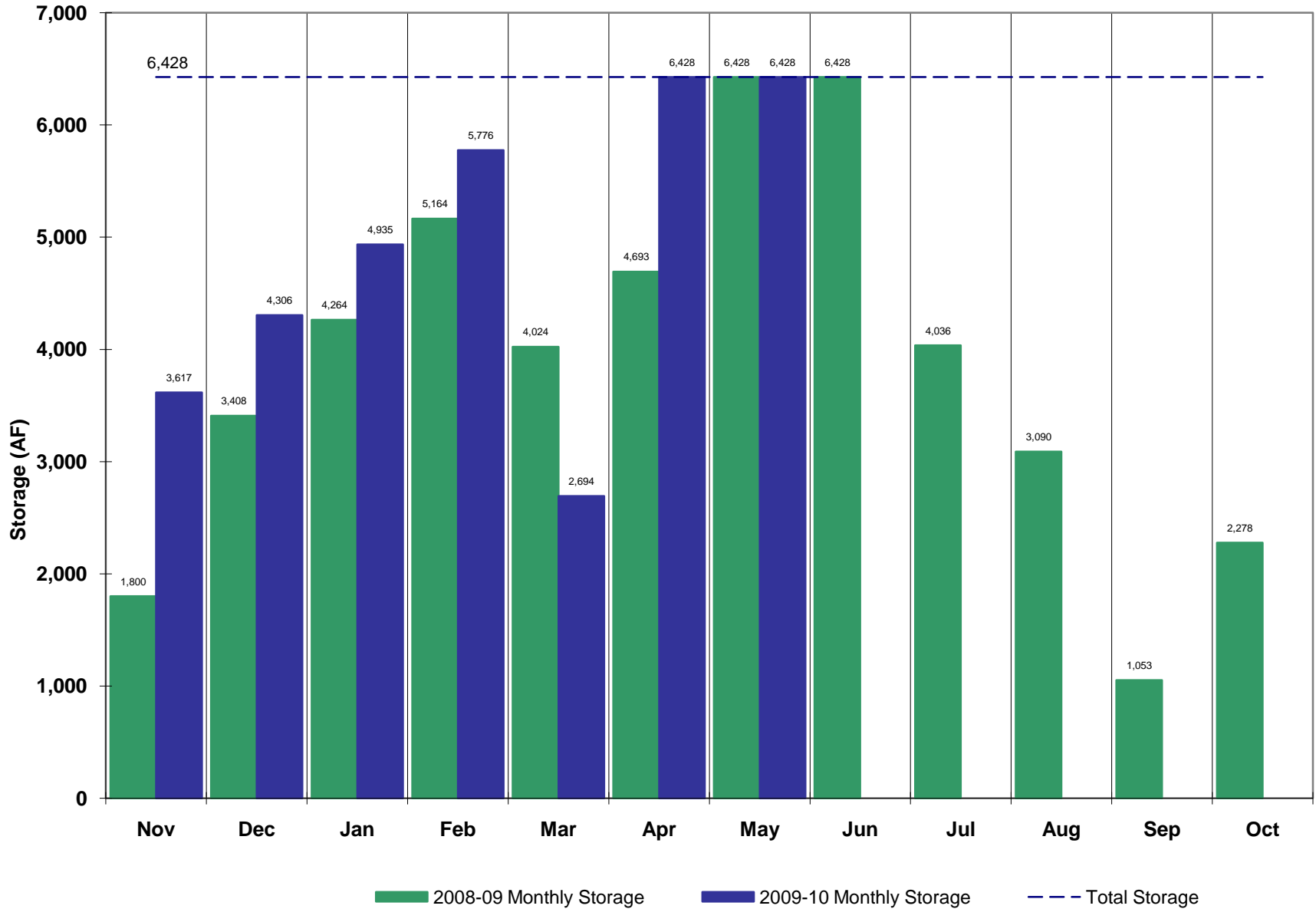
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



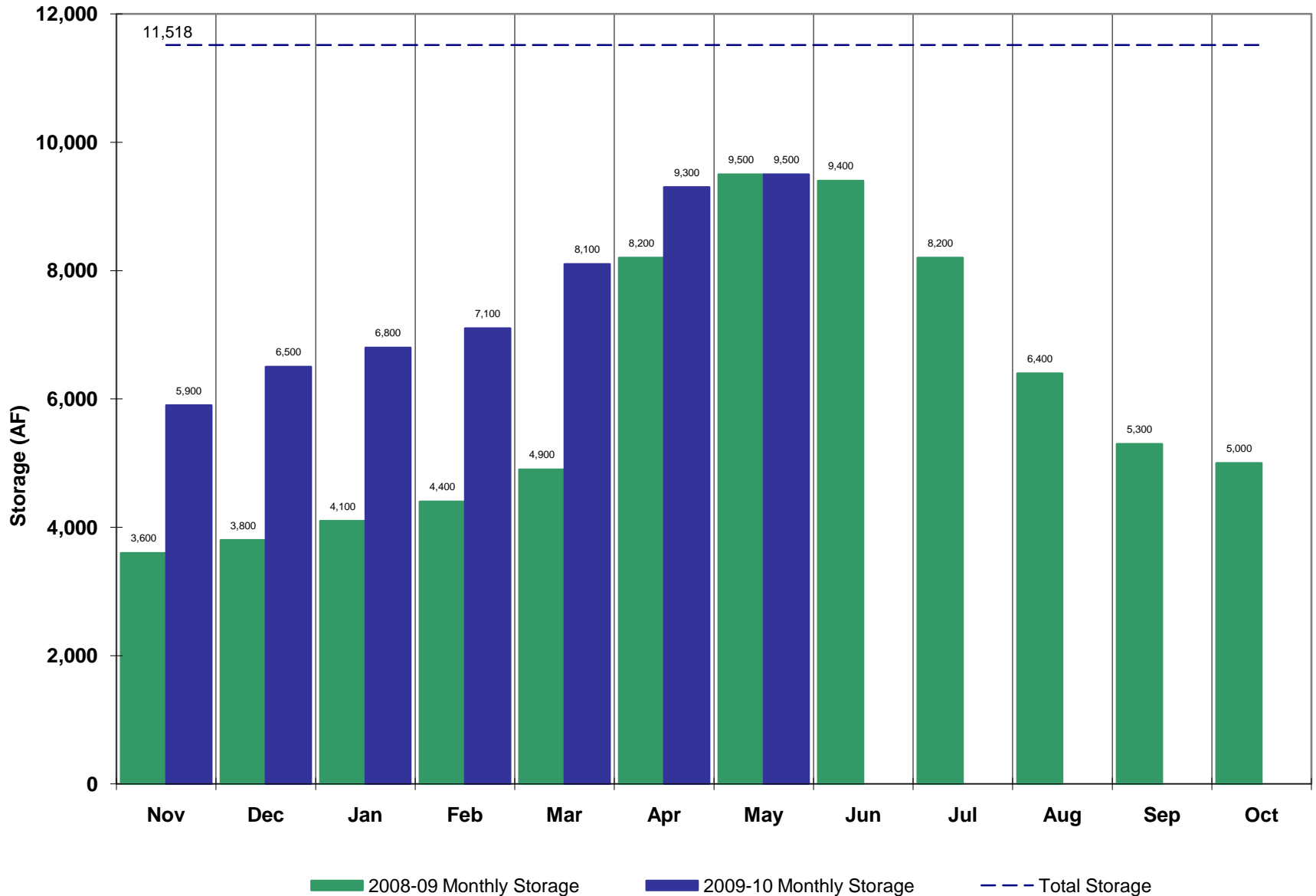
Halligan Reservoir

(District 3, Poudre River - Agricultural)



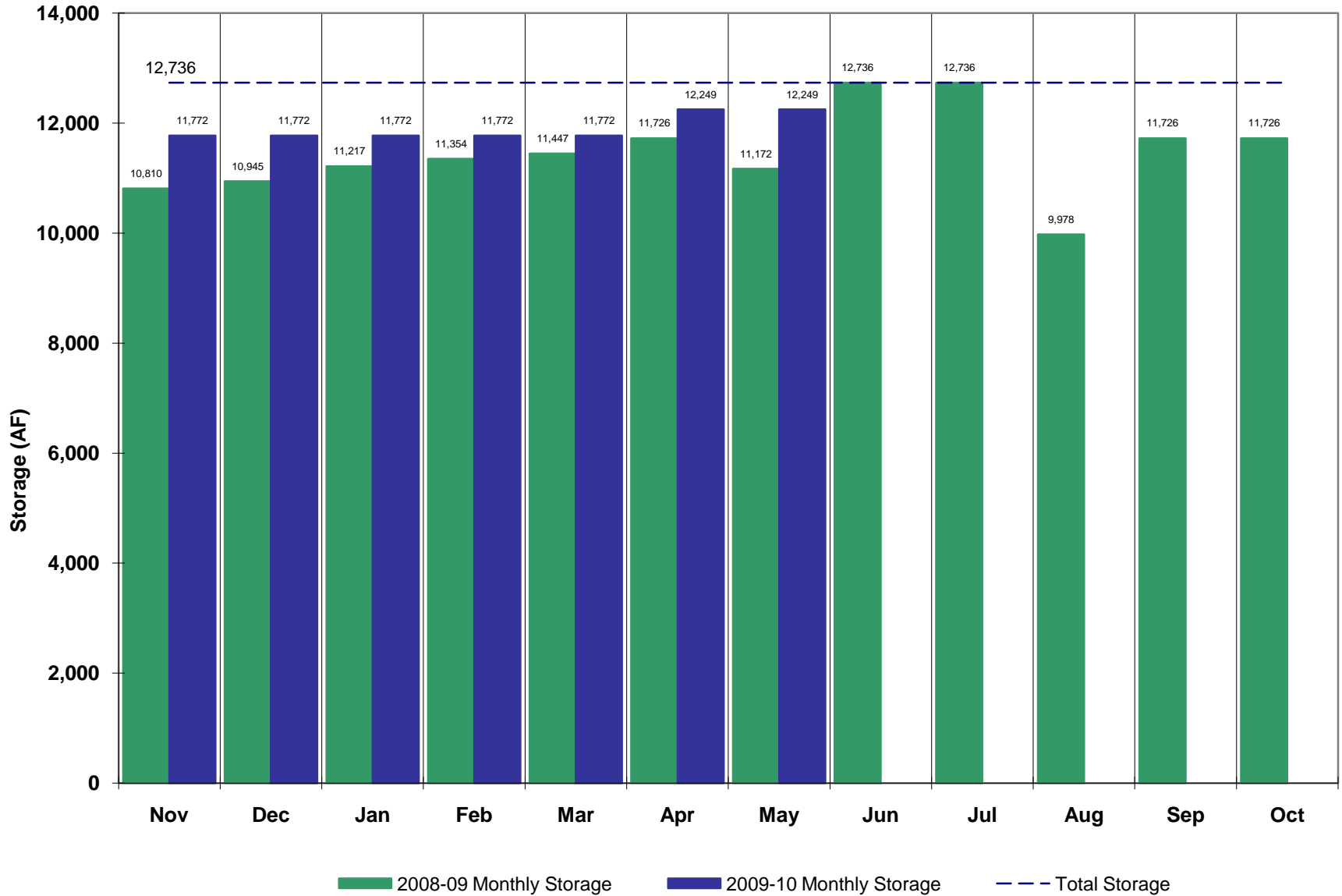
Marshall Lake

(District 6, Boulder Creek - Agricultural)



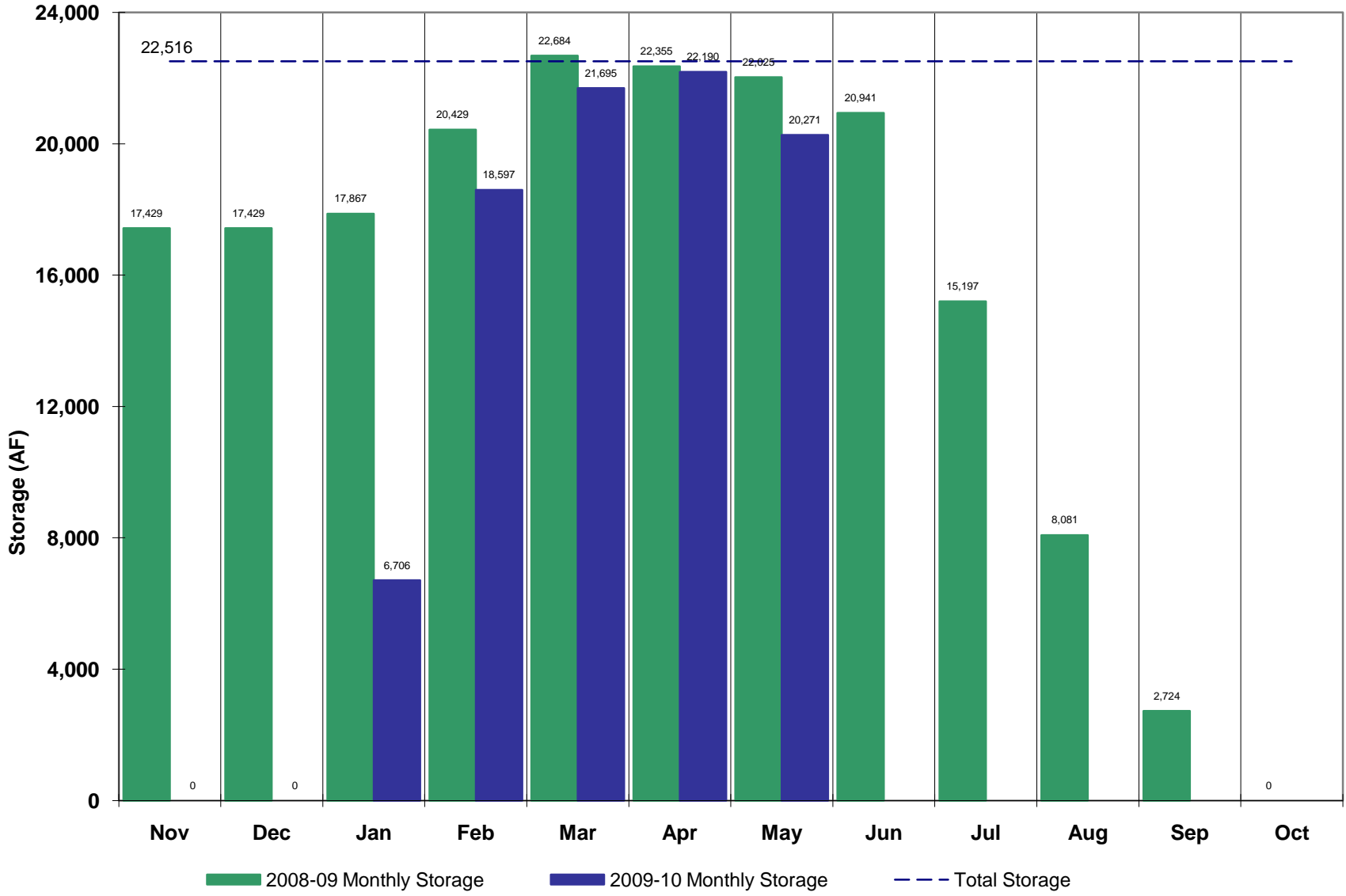
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



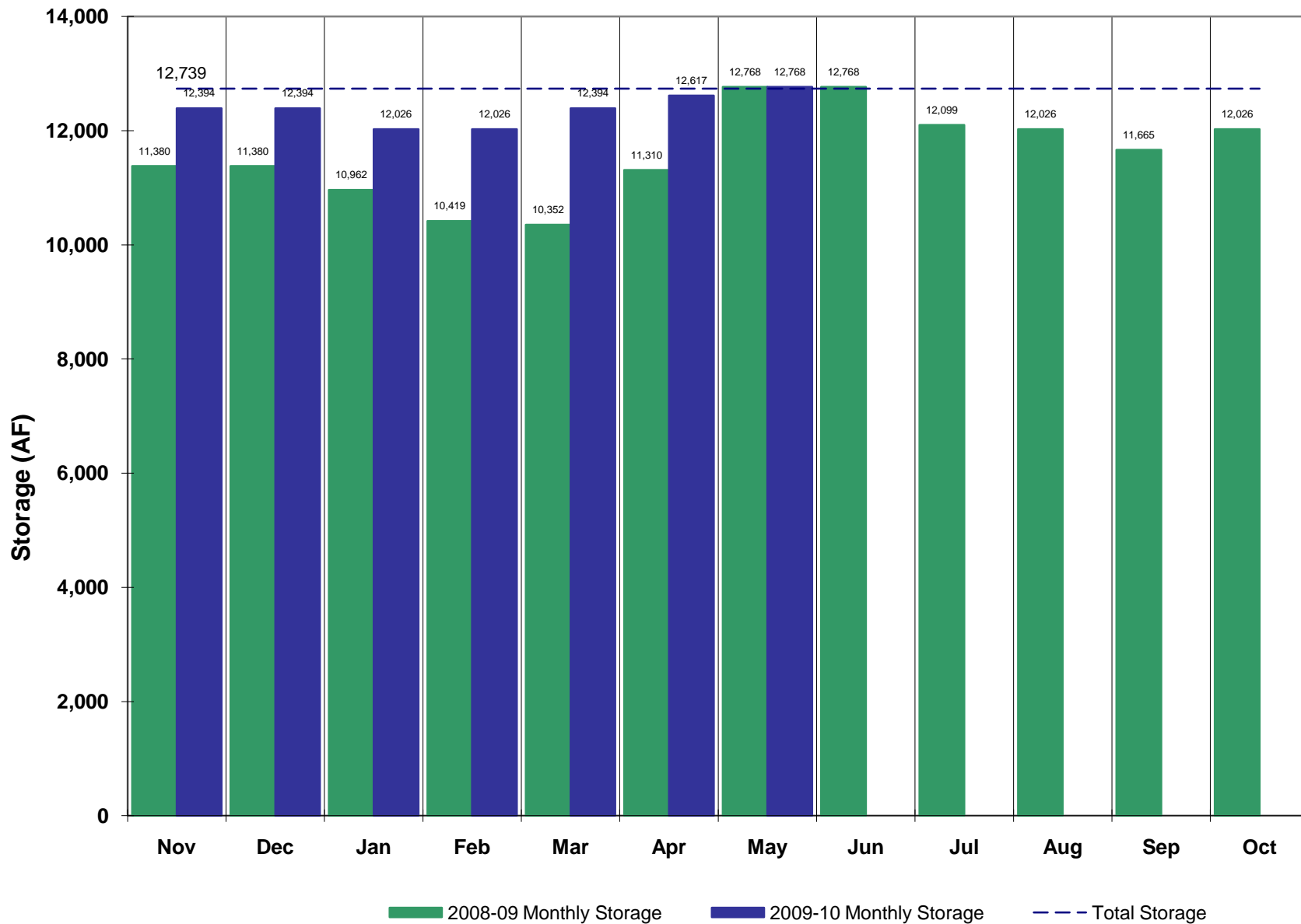
Milton Reservoir

(District 2 - Agricultural)

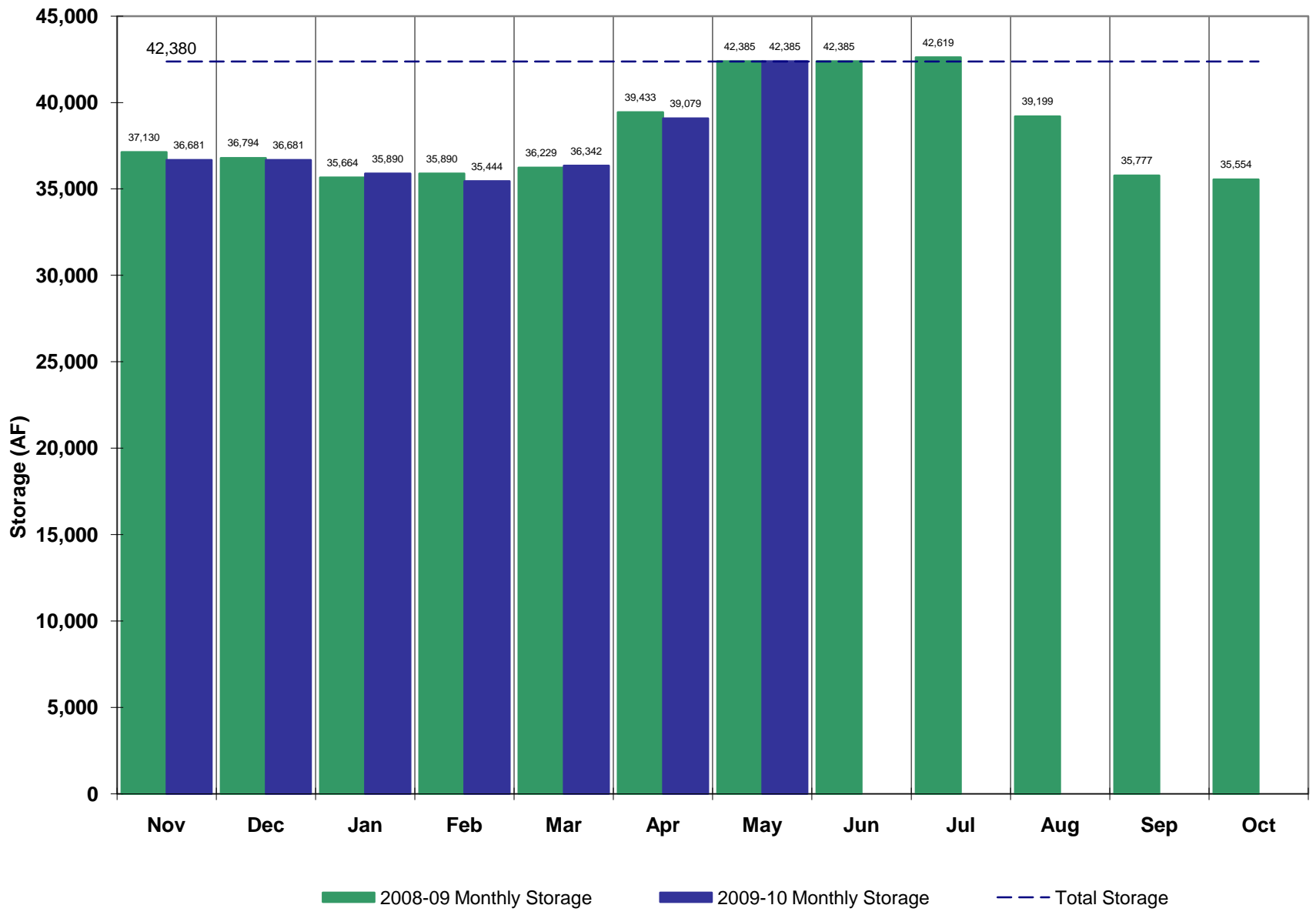


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

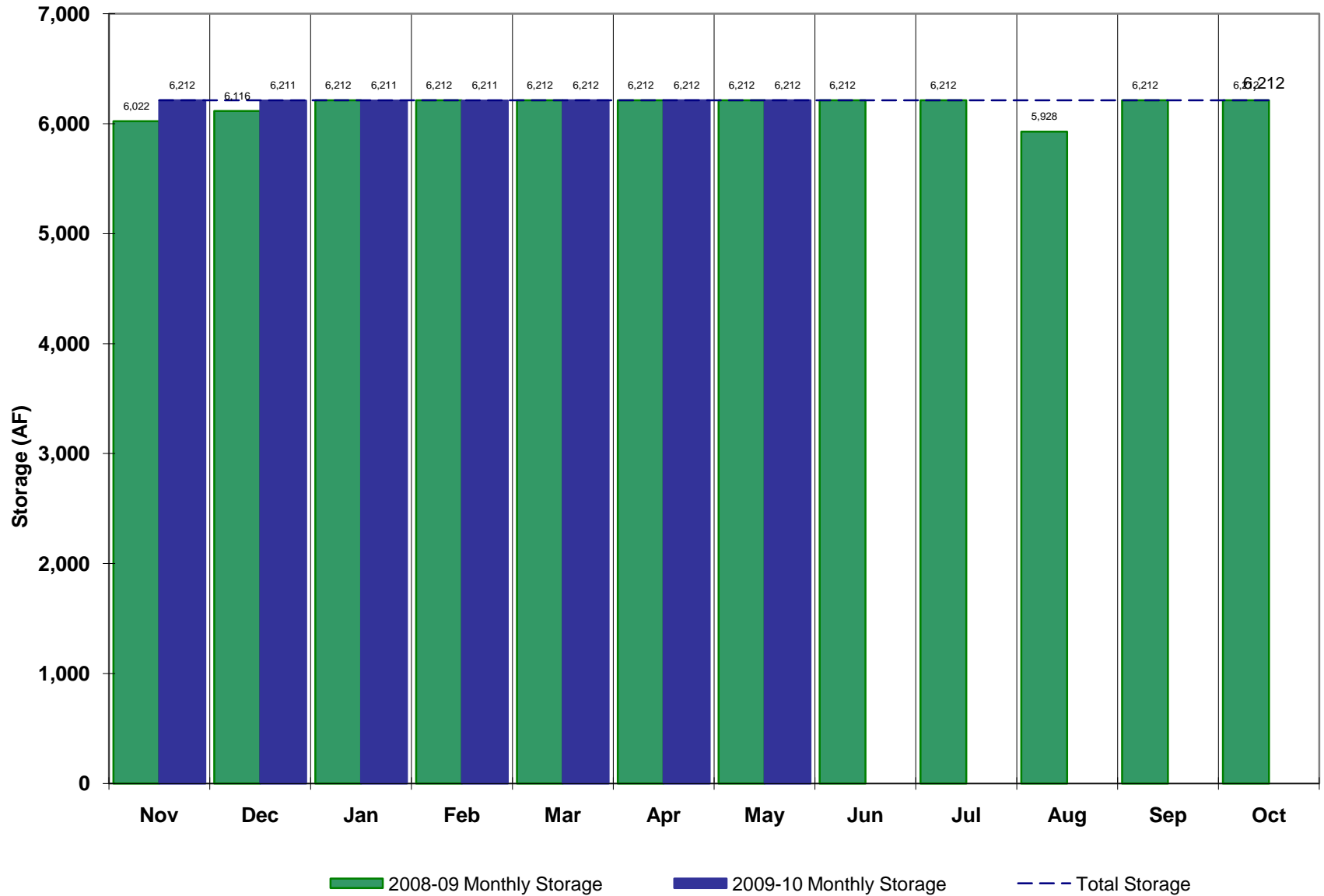


Standley Lake (Agricultural)



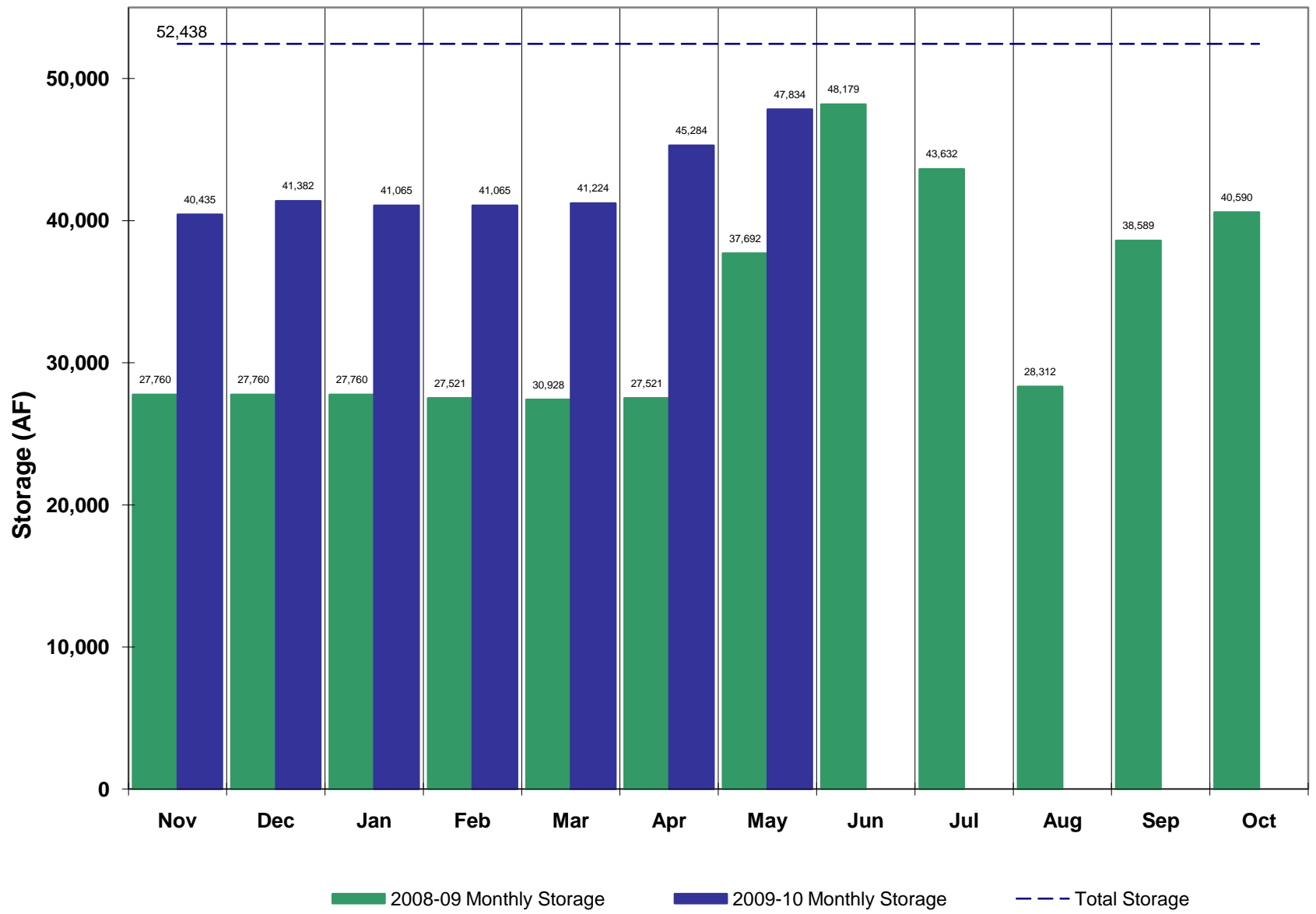
Lower Latham Reservoir

(District 2 - Agricultural)



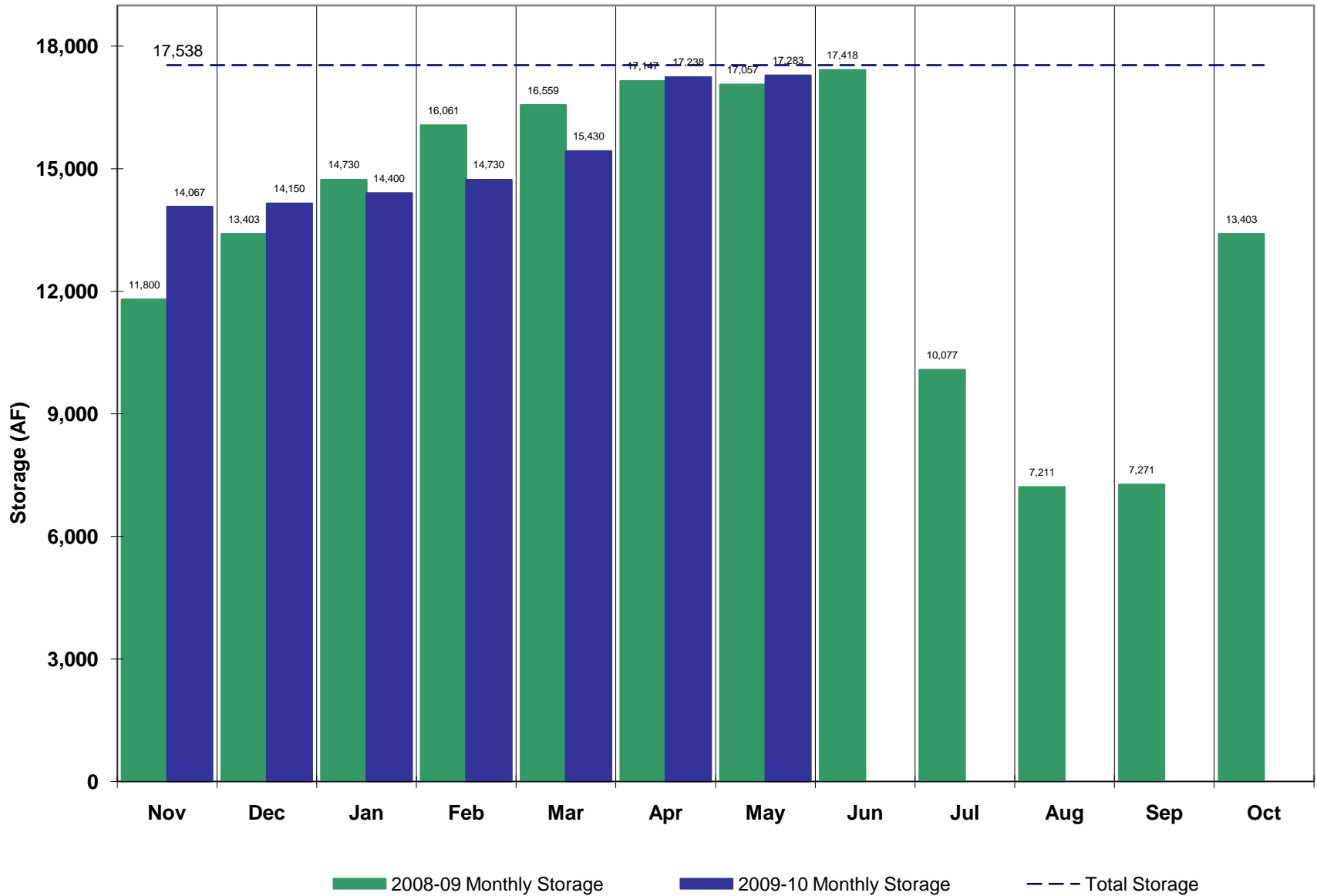
Boyd Lake

(District 4, Big Thompson River - Agricultural)



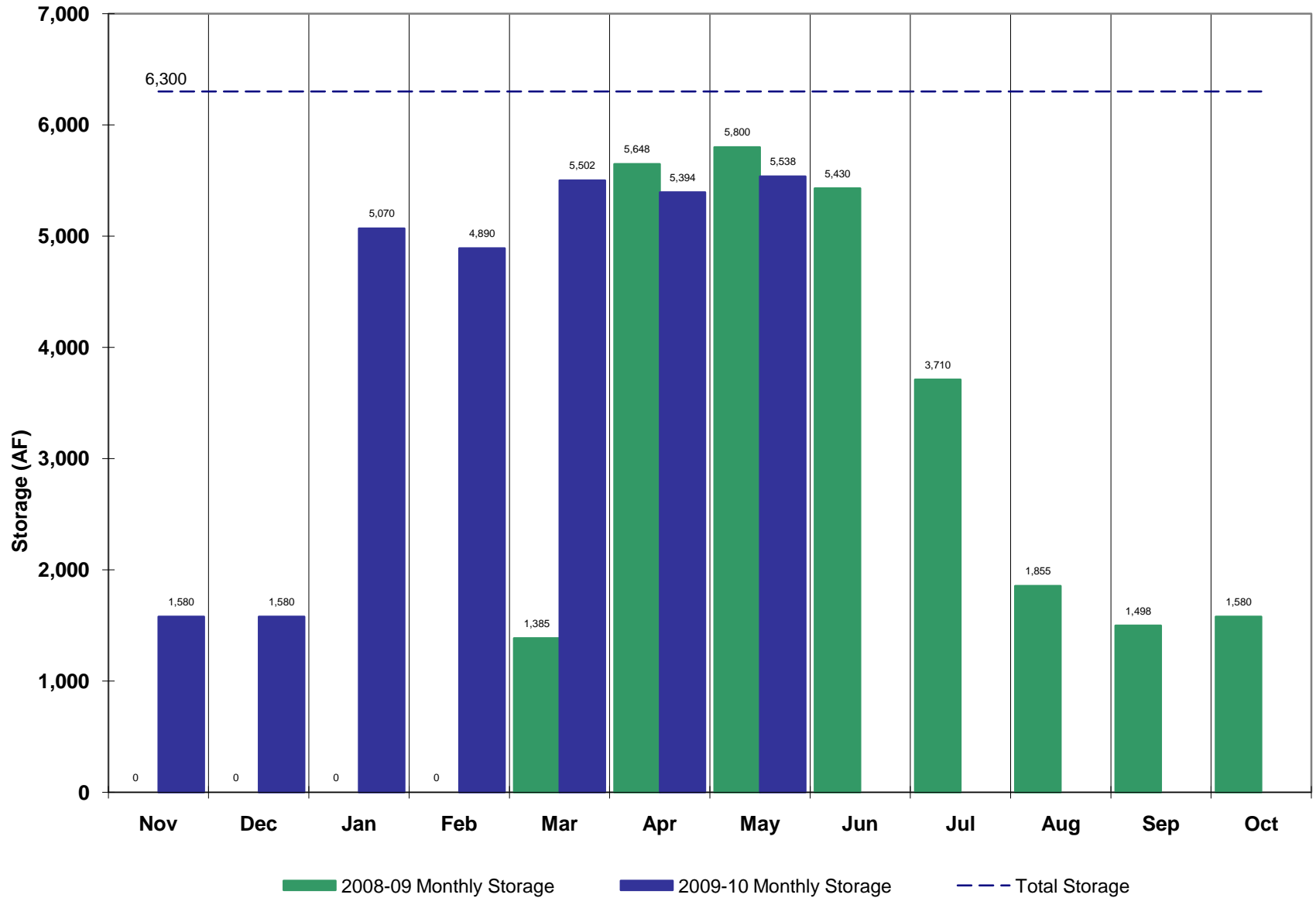
Windsor Reservoir

(District 3, Poudre River - Agricultural)



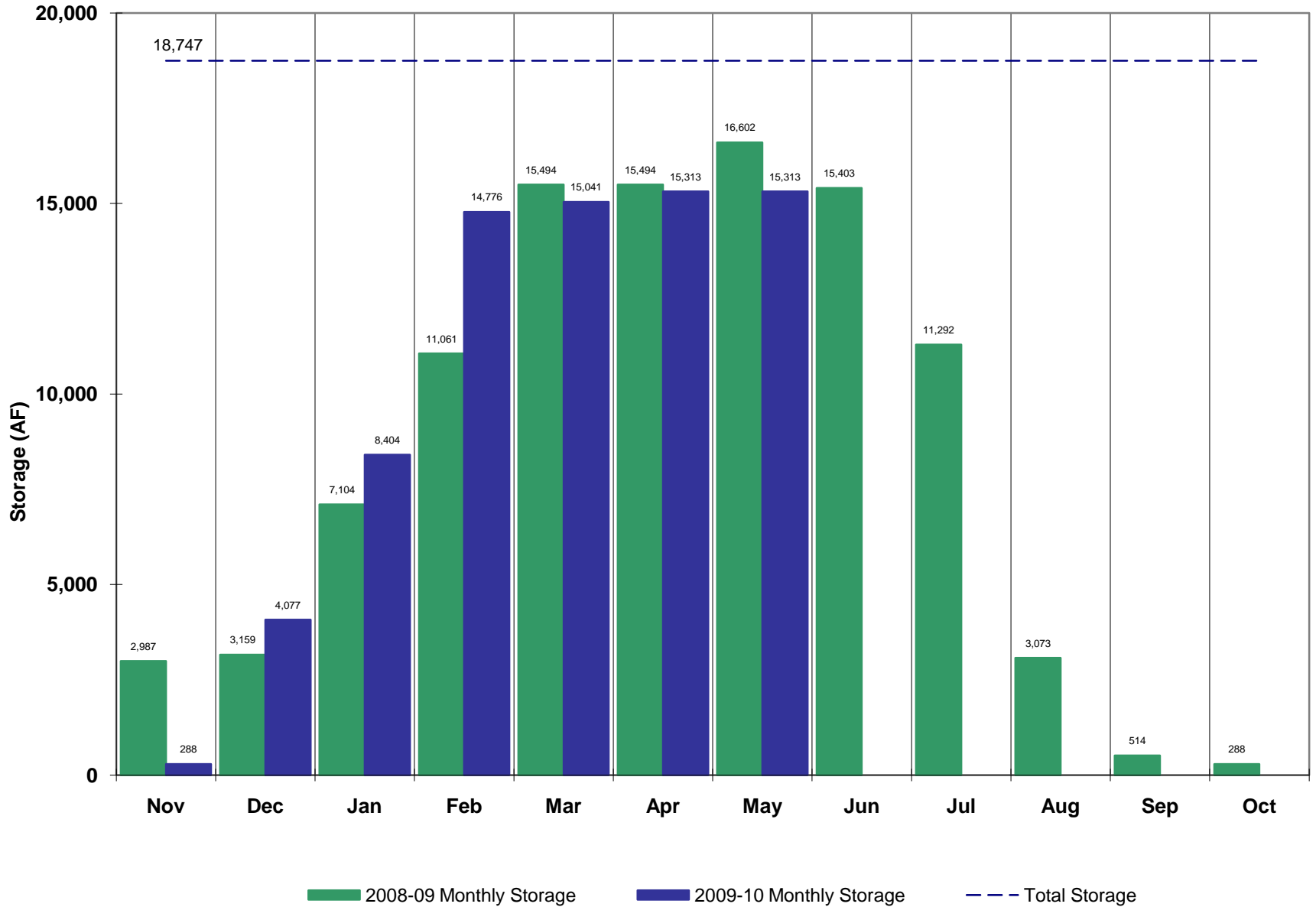
Prospect Reservoir

(District 1- Agricultural)



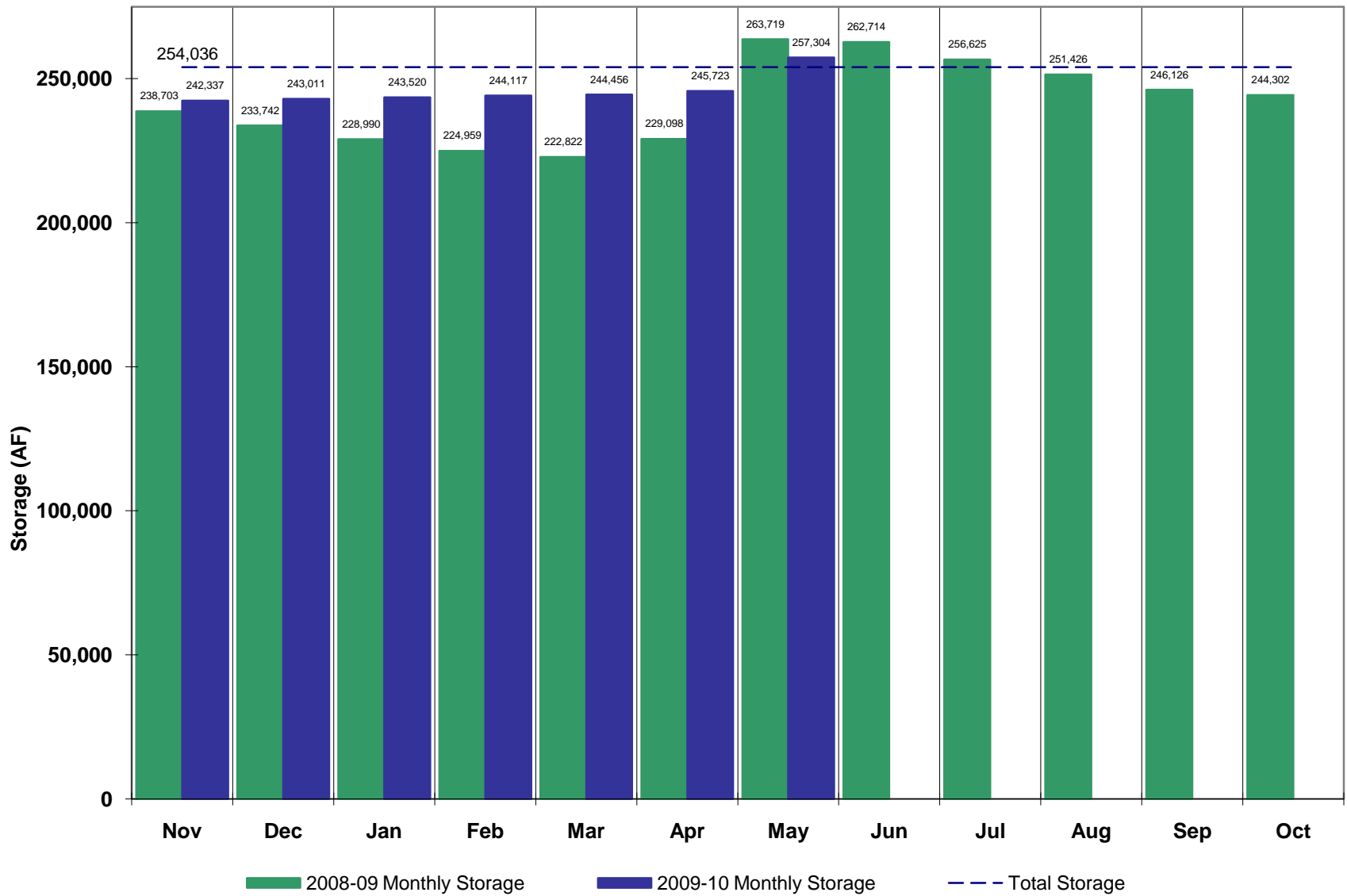
Horse Creek Reservoir

(District 1 - Agricultural)



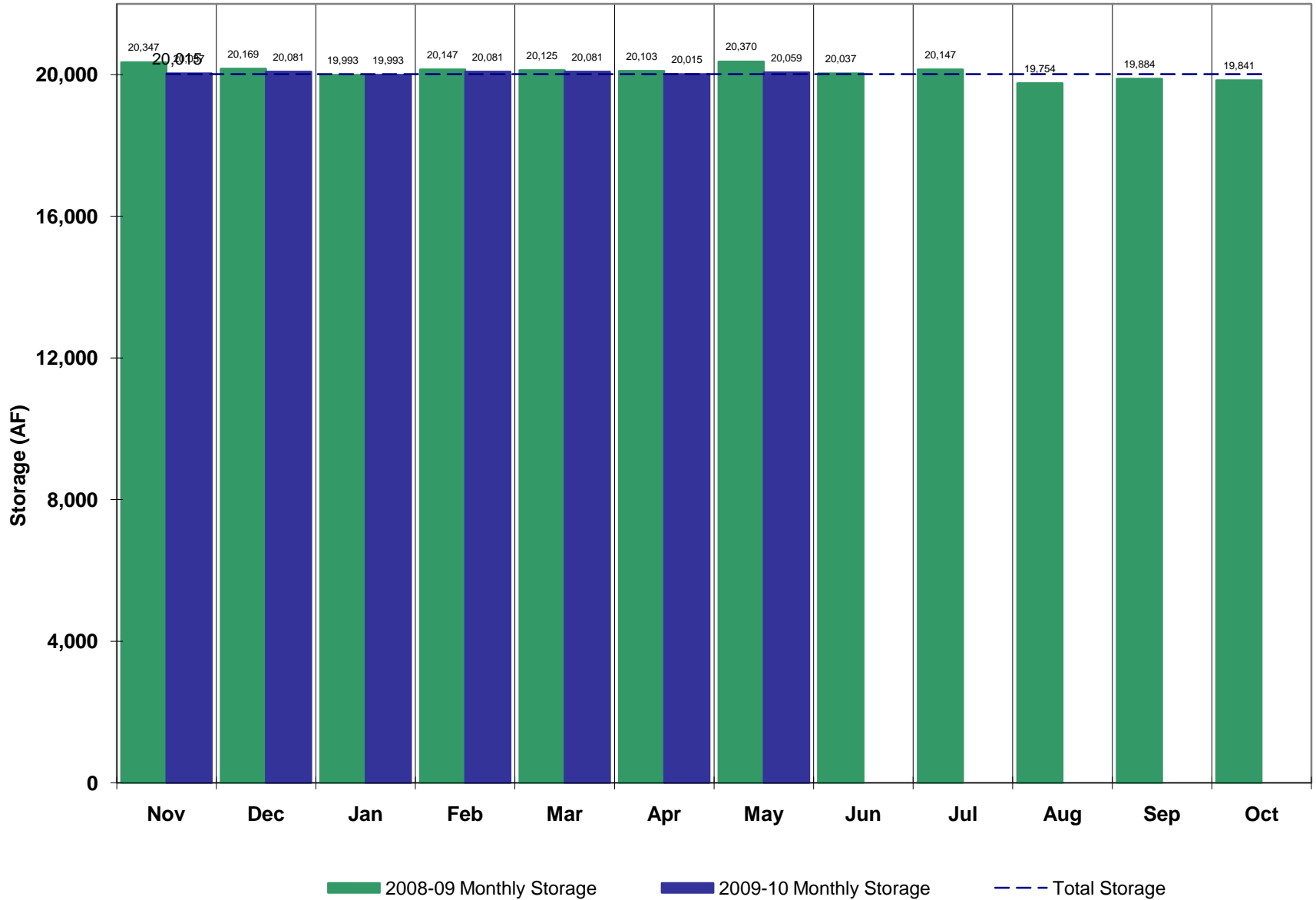
Dillon Reservoir

(Municipal)



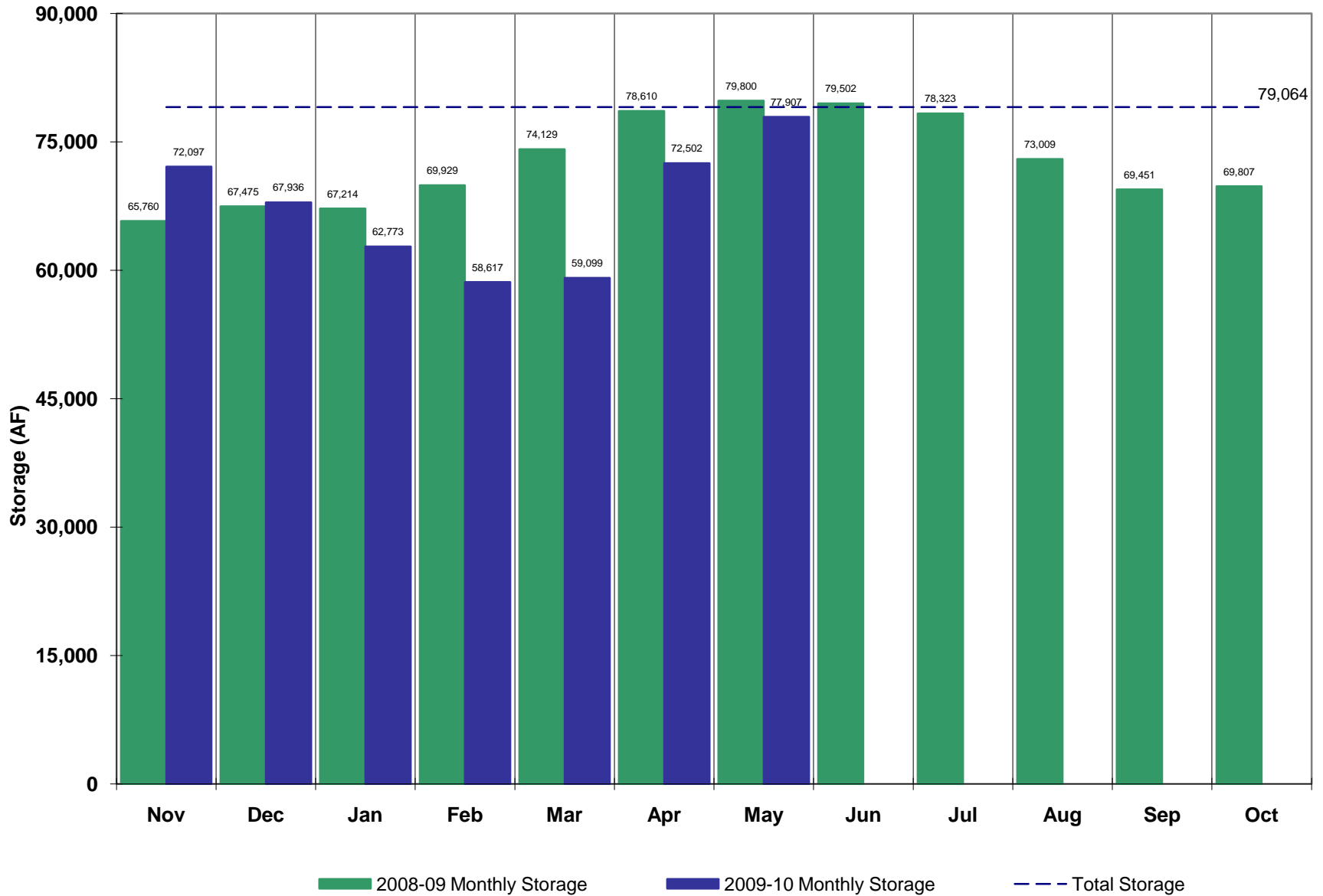
Antero Reservoir

(District 23 - Municipal)



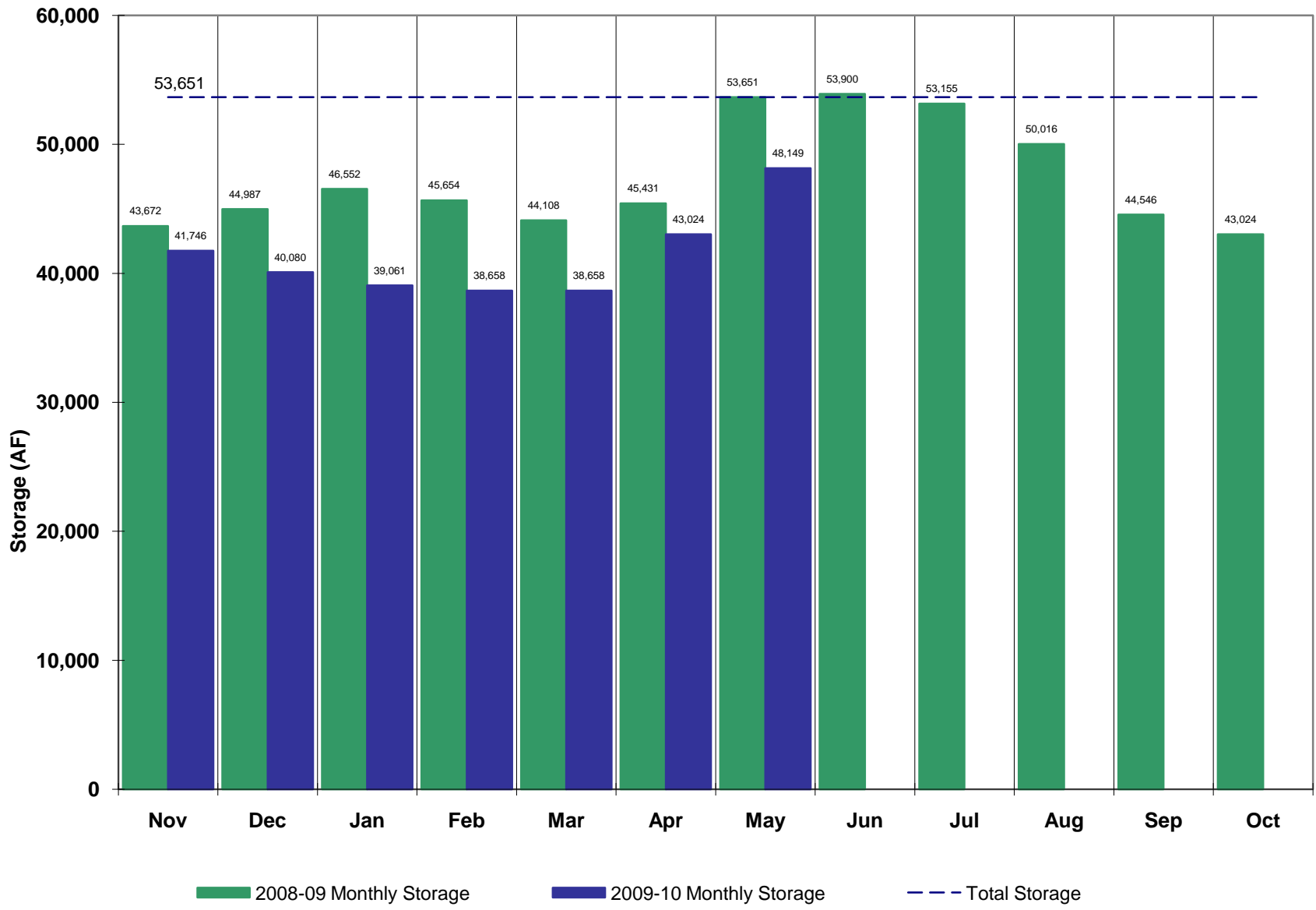
Cheesman Reservoir

(District 80 - Municipal)



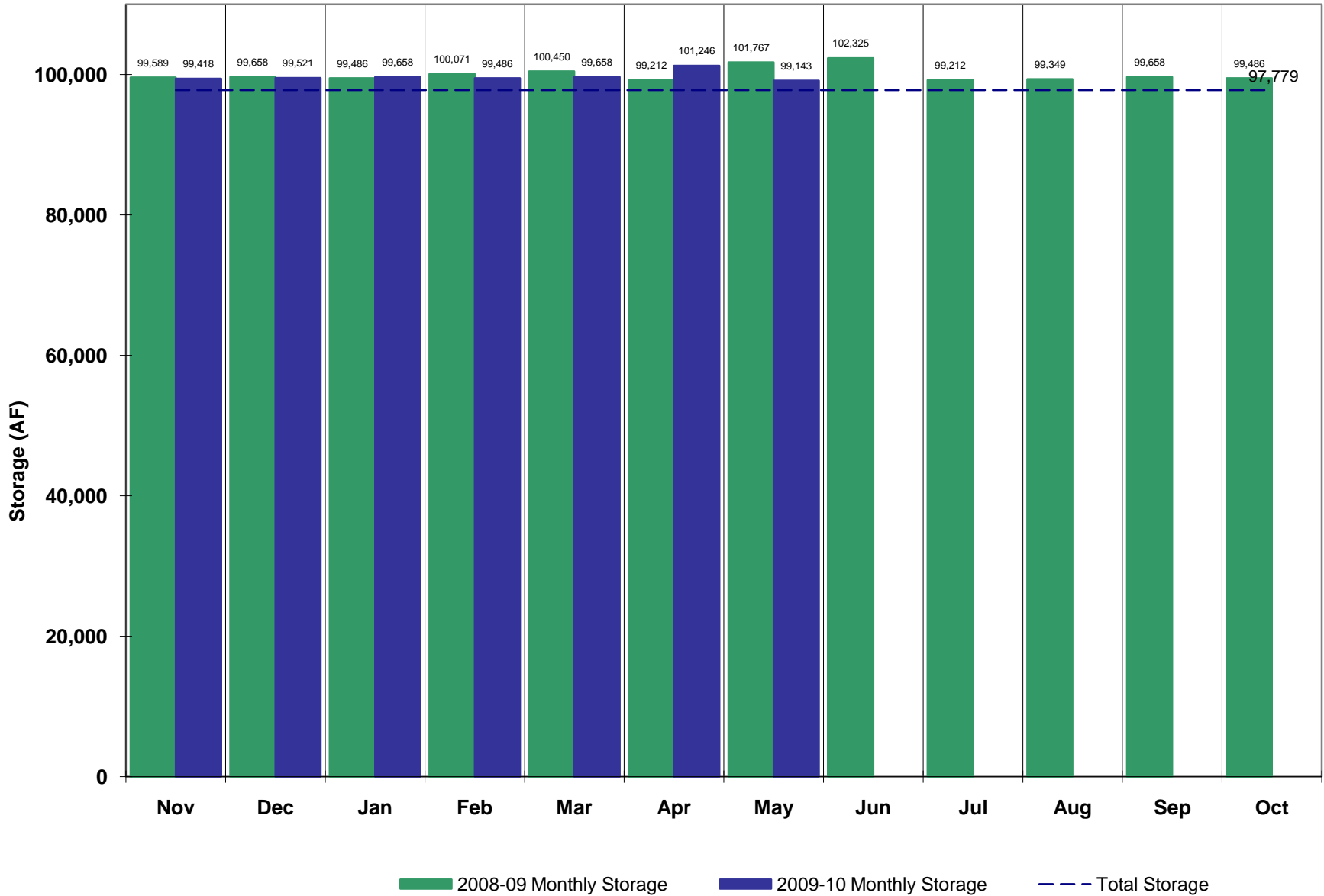
Spinney Mountain Reservoir

(District 23 - Municipal)

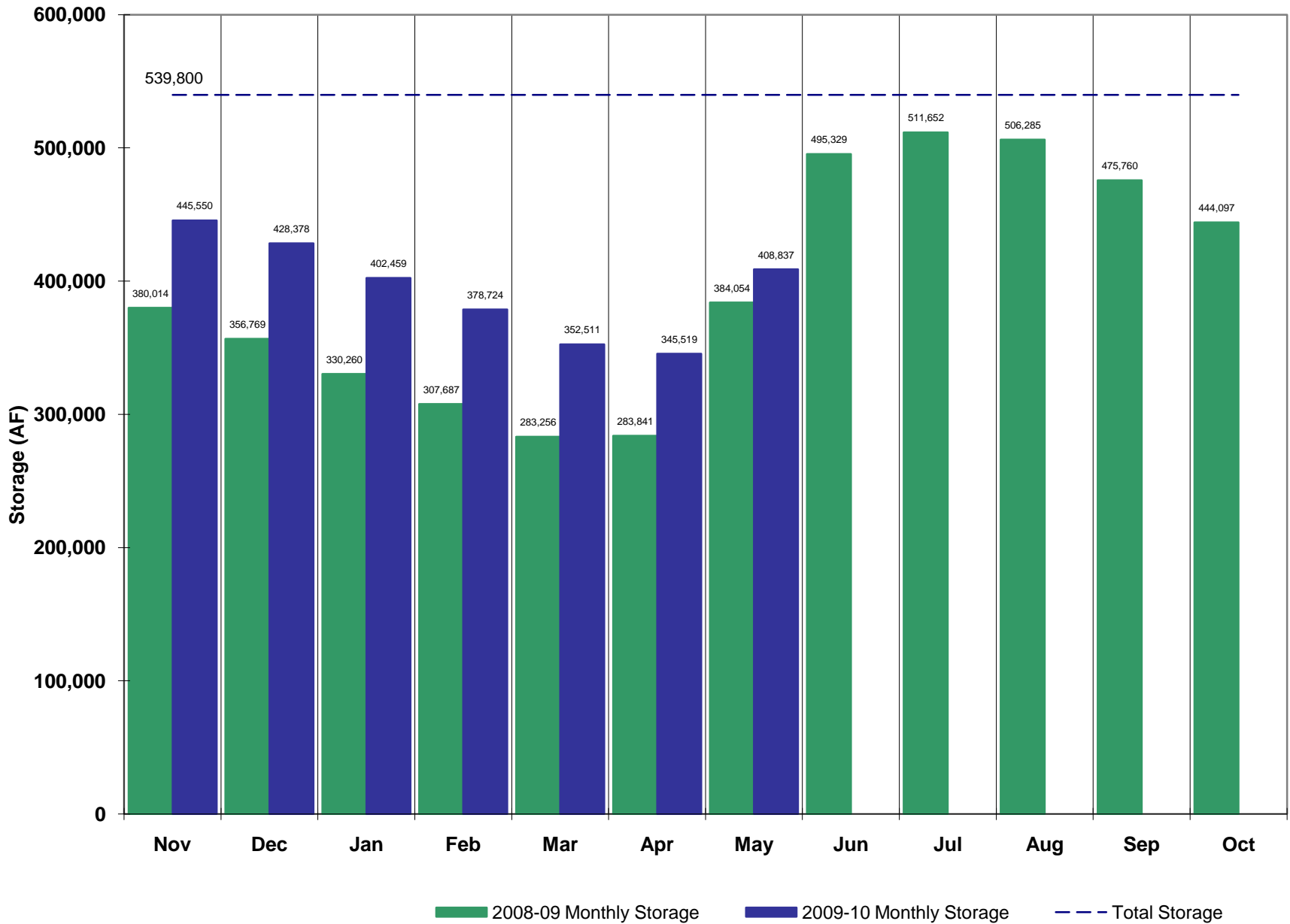


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby





Long Draw Reservoir
(photo by: Lee Cunning)