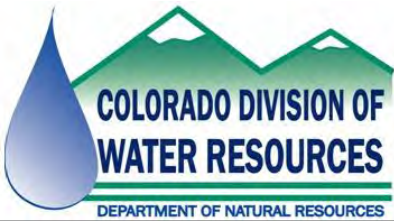


South Platte Summary

April 2010



Compiled by Lee Cuning



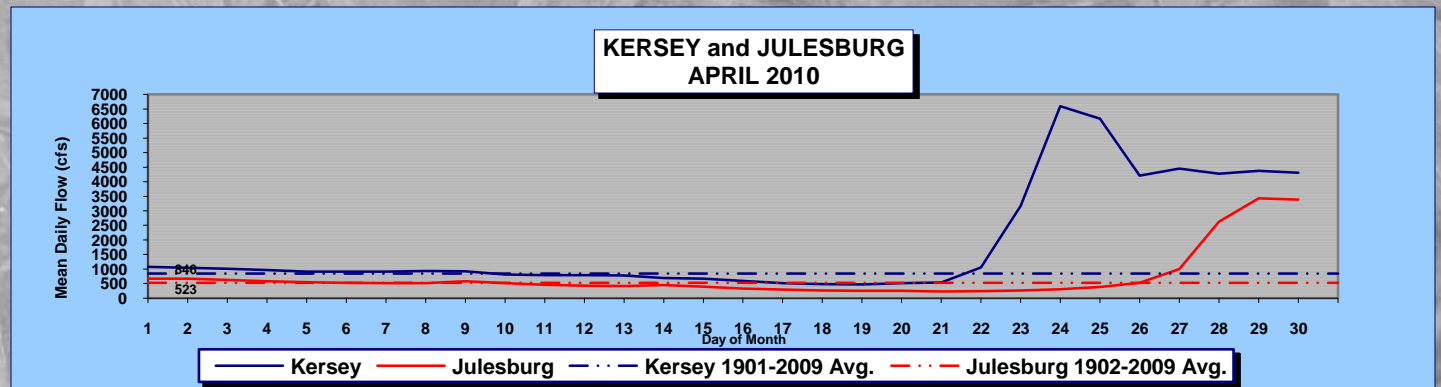
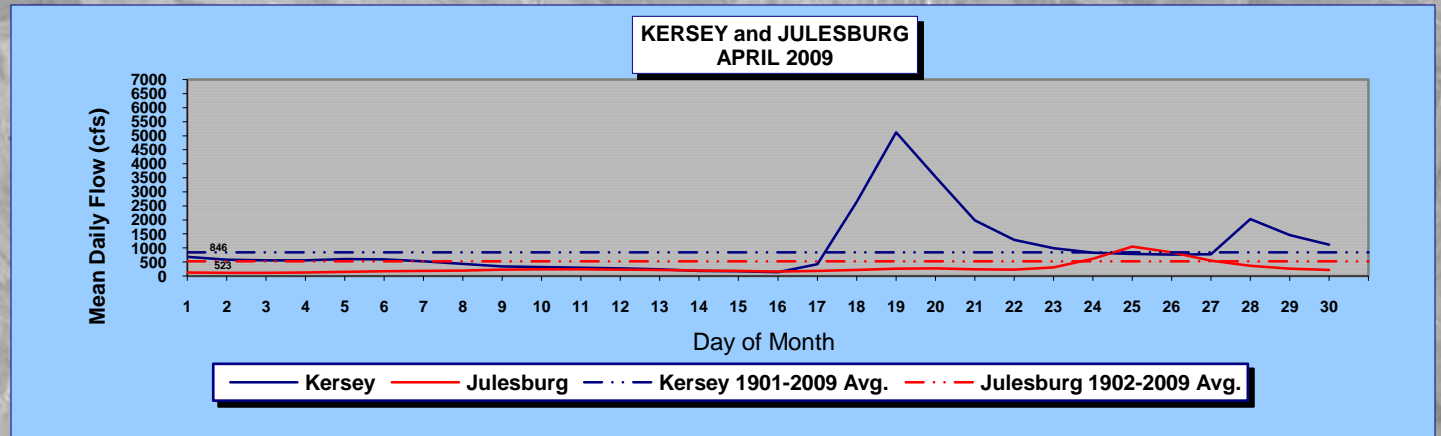
Sand Creek at Chimney Rock
(Photo by Lee Cuning)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

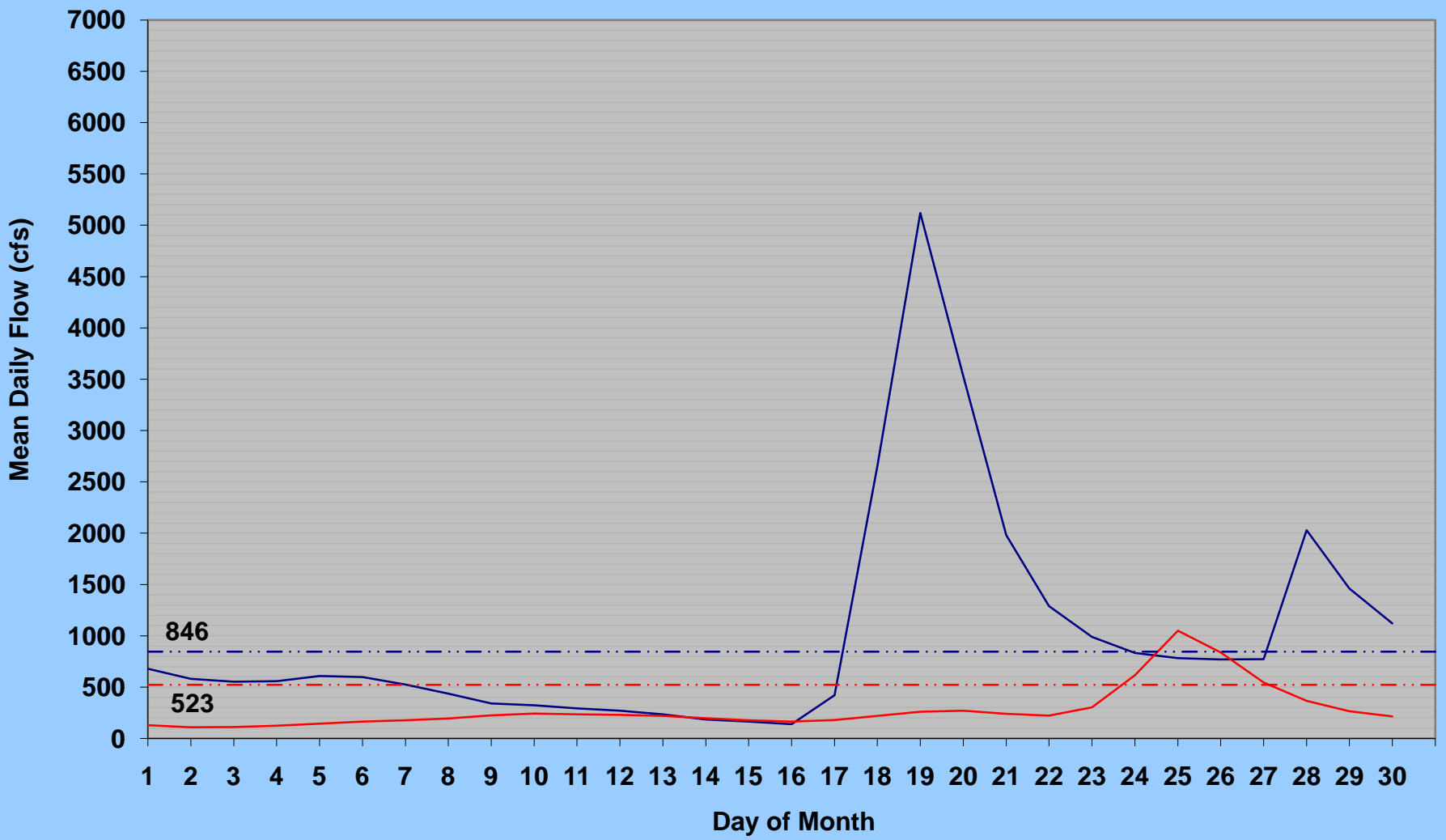
MONTH OF APRIL 2010

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	22,666	64	0	0%	100%	100%	0
N STERLING	73,730	74,587	74,156	64	-431	-1%	100%	100%	426
PREWITT	28,500	28,595	28,365	64	-230	-1%	100%	100%	0
JACKSON	27,257	27,149	27,257	1	108	0%	100%	100%	0
EMPIRE	37,700	37,709	37,125	1	-584	-2%	98%	98%	0
RIVERSIDE	63,113	62,658	63,303	1	645	1%	100%	100%	190
BARR LAKE	31,652	28,199	28,570	2	371	1%	90%	89%	0
CHEESMAN	79,064	59,099	72,502	80	13,403	23%	92%	99%	0
ELEVEN MILE	97,779	99,658	101,246	23	1,588	2%	100%	100%	3,467
SPINNEY	53,651	38,658	43,024	23	4,366	11%	80%	85%	0
ANTERO	20,015	20,081	20,015	23	-66	0%	100%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	1830
JULESBURG	722
THIS MONTH LAST YEAR	
KERSEY	1008
JULESBURG	281
MEAN FOR PERIOD OF RECORD*	
KERSEY	846
JULESBURG	523
* 1901-2009	
1902-2009	

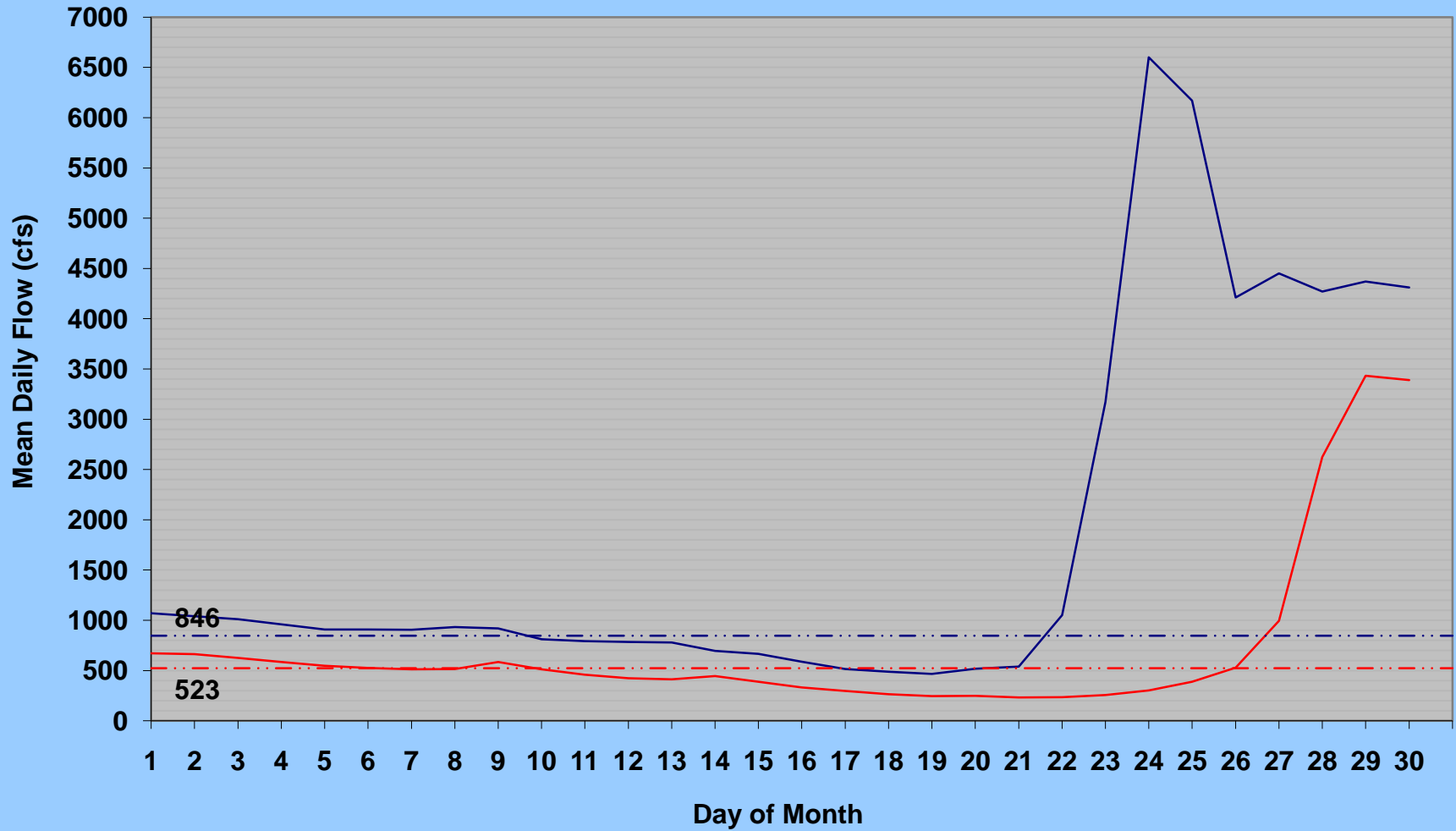


KERSEY and JULESBURG APRIL 2009



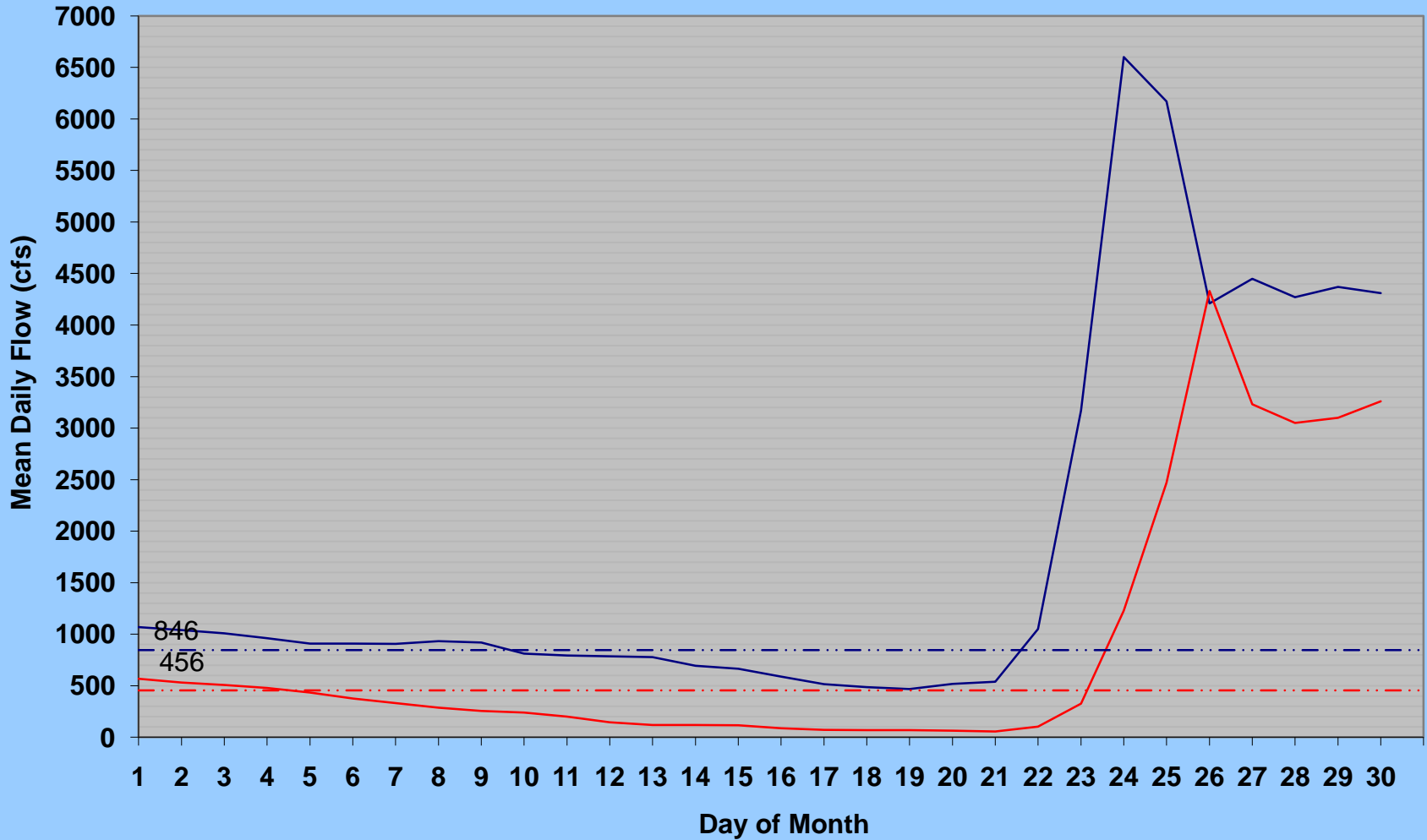
— Kersey — Julesburg - · - · Kersey 1901-2009 Avg. - · - · Julesburg 1902-2009 Avg.

KERSEY and JULESBURG APRIL 2010



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

KERSEY and BALZAC APRIL 2010



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

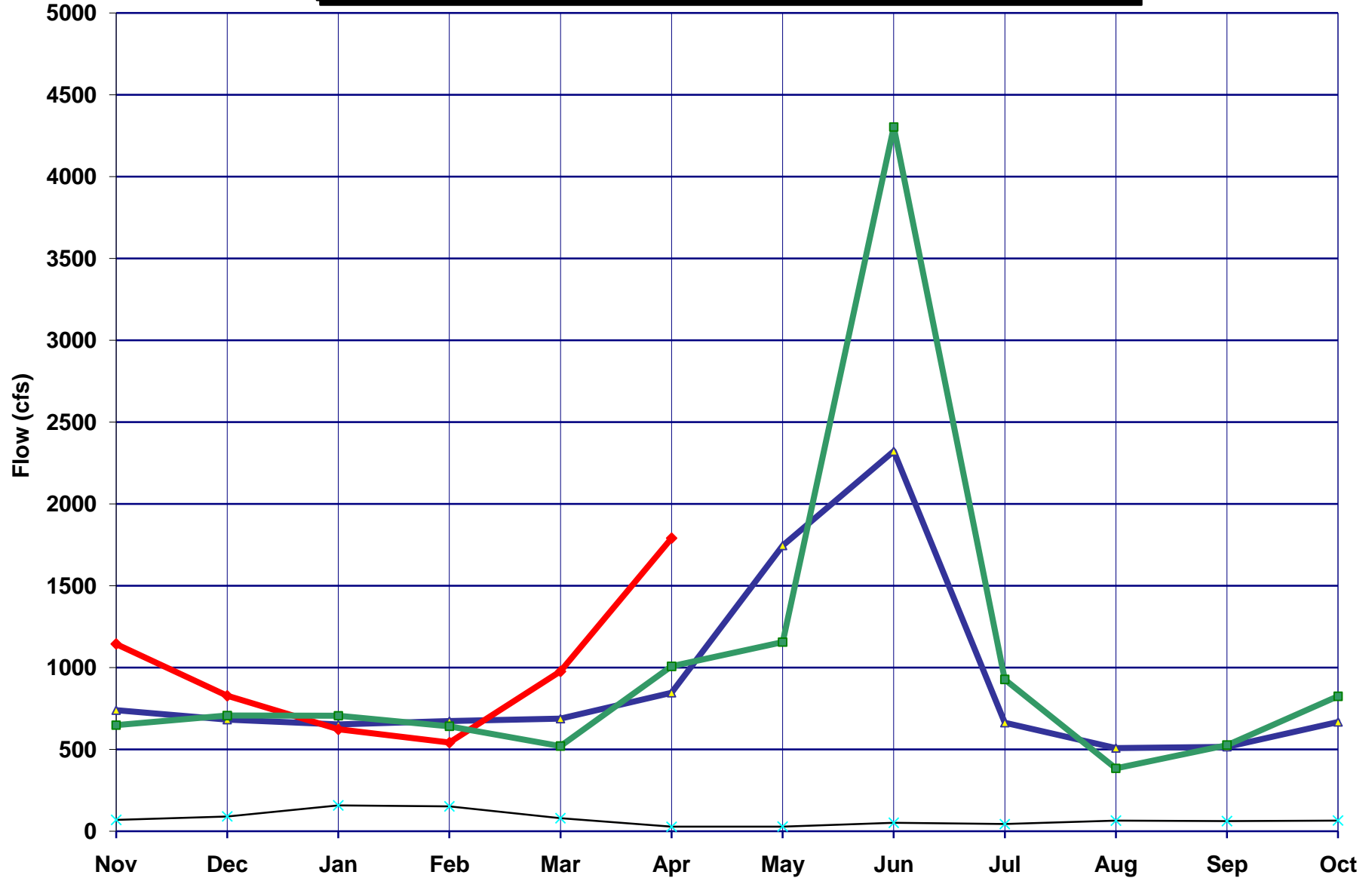
South Platte River Monthly Stream Flow (cfs) Statistics

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	737	3650	1984	70	1934	1145	Nov	344	2900	1984	4.2	1903	674
Dec	683	1890	1961	91	1934	828	Dec	405	1820	1984	13	2002	909
Jan	653	2160	1974	158	1935	623	Jan	514	2510	1970	21	2003	765
Feb	673	3060	1914	152	1935	542	Feb	589	3220	1930	29	2005	328
Mar	690	3470	1983	80	1935	977	Mar	531	12900	1910	15	1904	353
Apr	850	18100	1942	28	1955	1830	Apr	529	14400	1942	4.0	1904	722
May	1761	26100	1973	29	1955		May	1020	18100	1973	12	1911	
Jun	2314	31000	1921	52	1954		Jun	1433	30800	1921	2.0	1910	
Jul	661	12600	1983	44	1955		Jul	293	12600	1983	0.0	1903	
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 1901-2009							*Period of record 1902-2009						

Sand Creek
(Photo by Lee Cunning)

South Platte River at Kersey

Irrigation Water Year

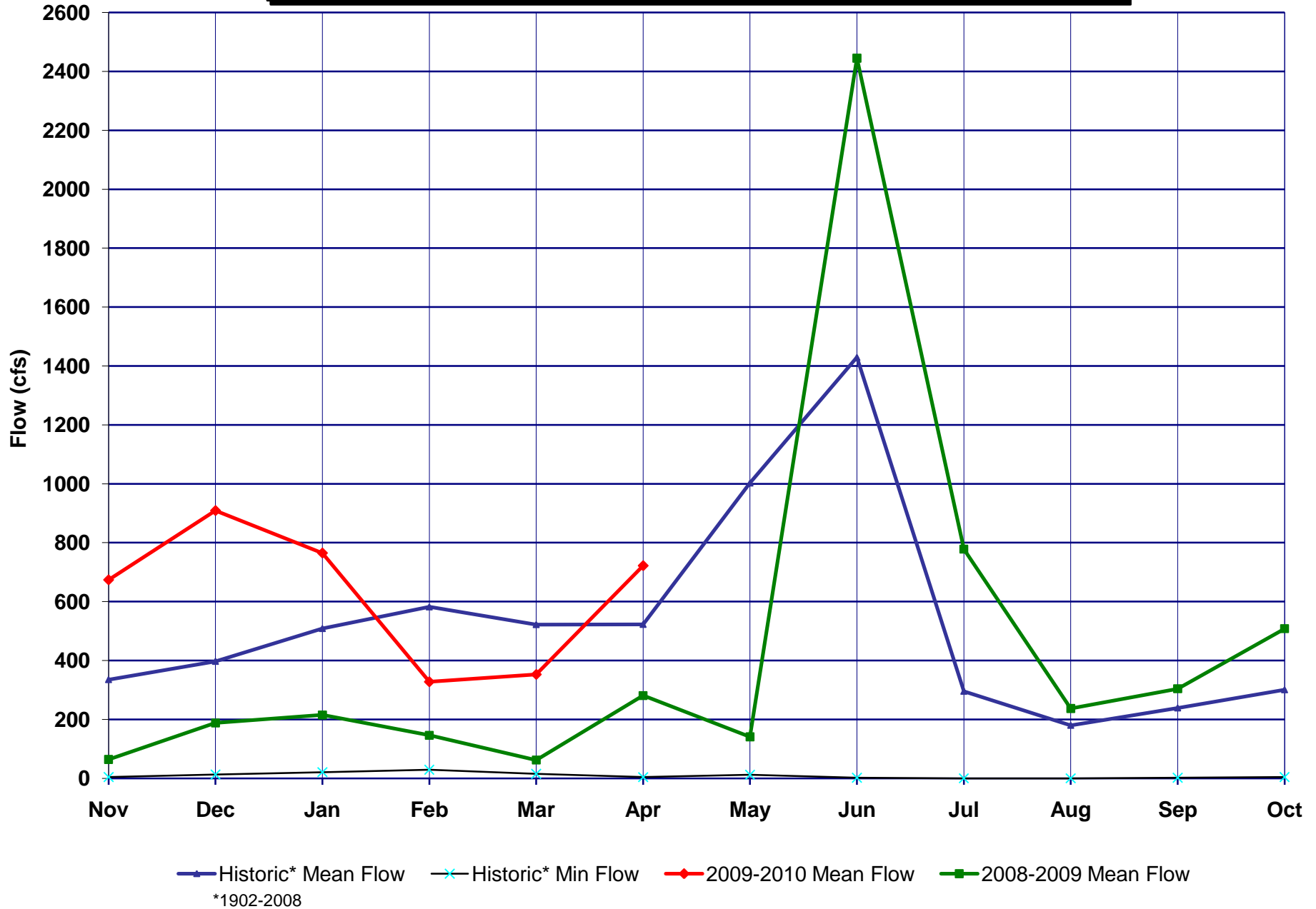


Historic* Mean Flow Historic* Min Flow 2009-2010 Mean Flow 2008-2009 Mean Flow

*1901-2008

South Platte River at Julesburg

Irrigation Year



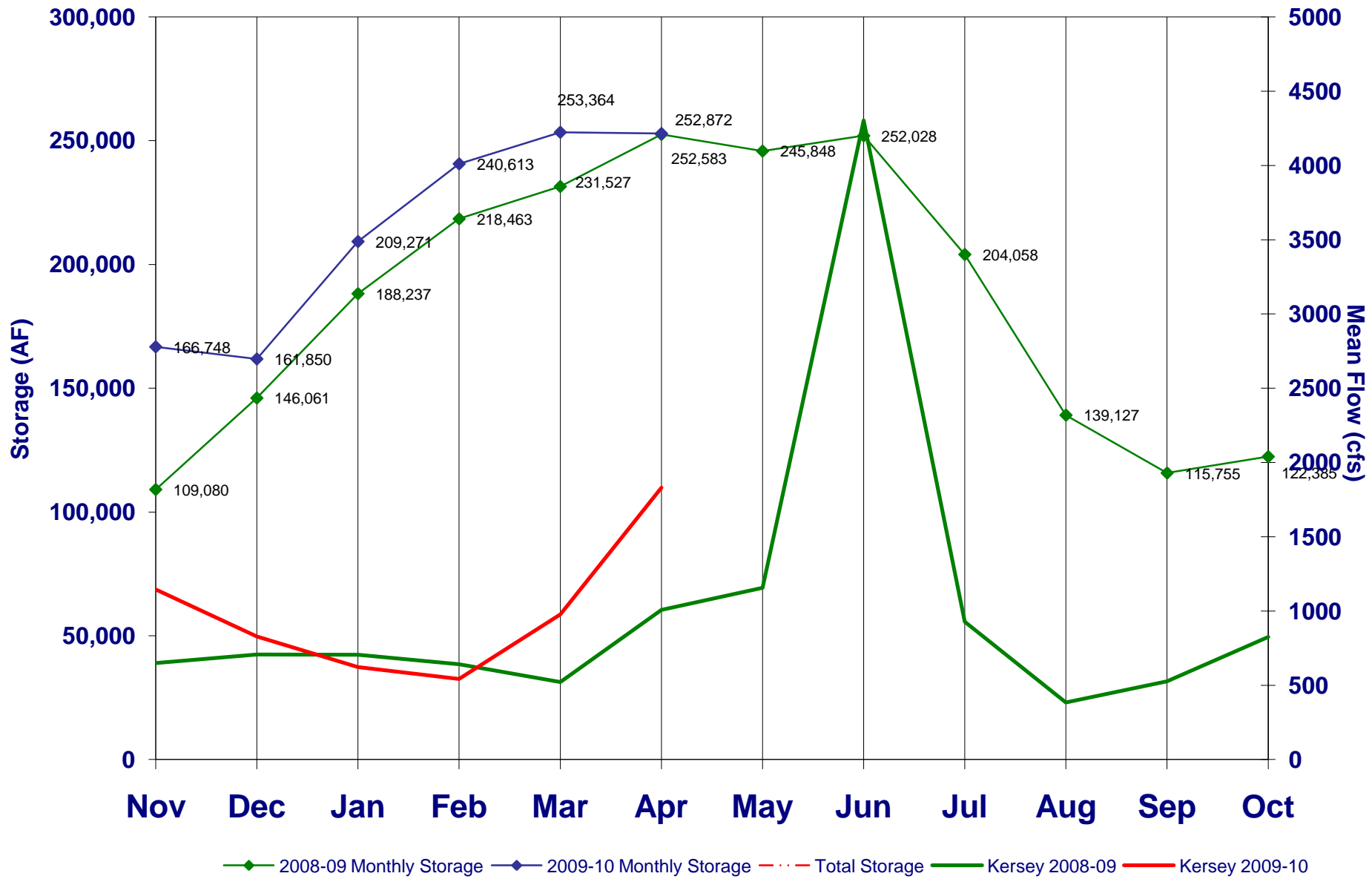
**Next four slides show Reservoir Storage
below and above Kersey**



**Sand Creek
(Photo by Lee Cunning)**

Reservoir Storage below Kersey

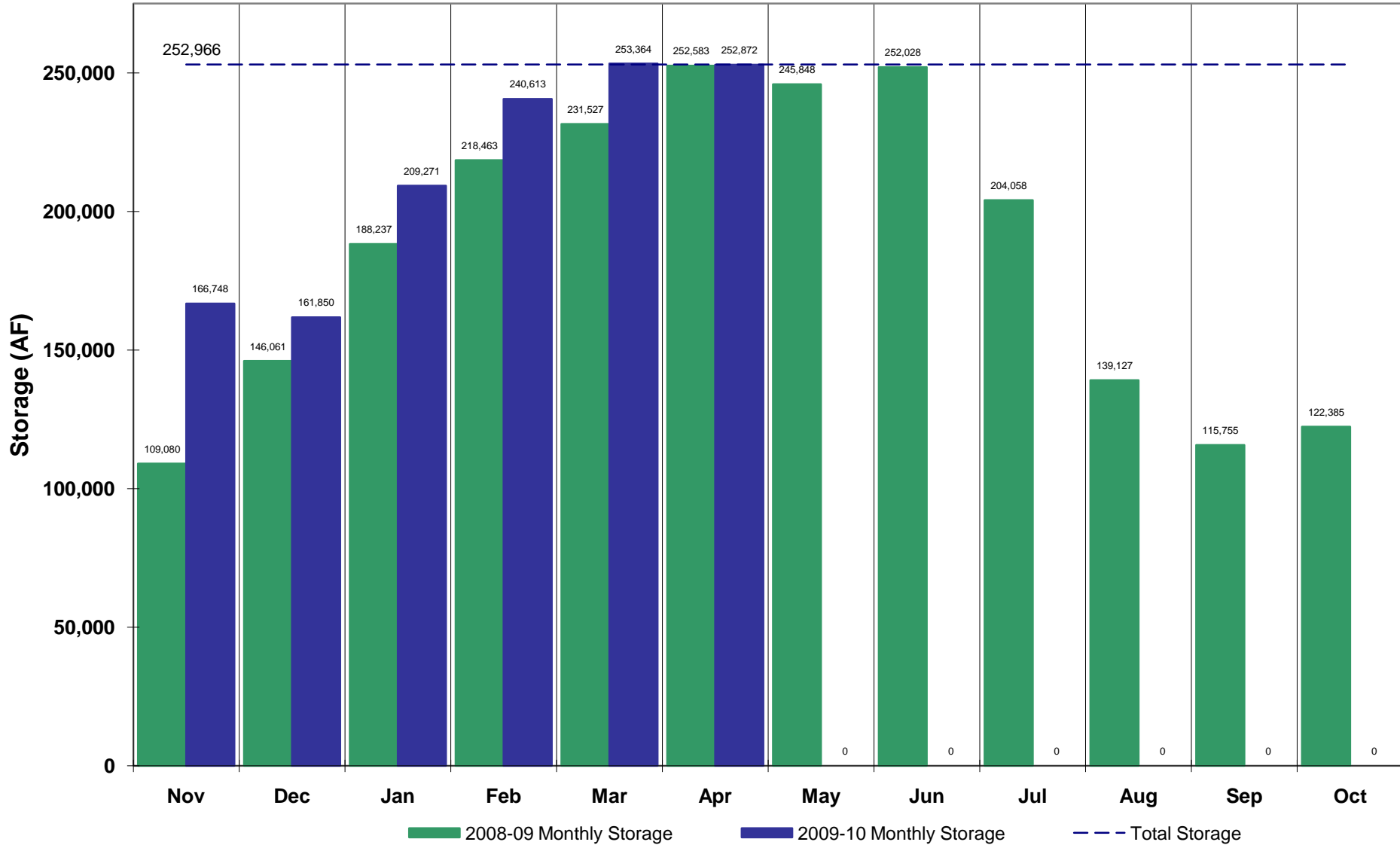
Selected Reservoirs*



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

South Platte Reservoirs

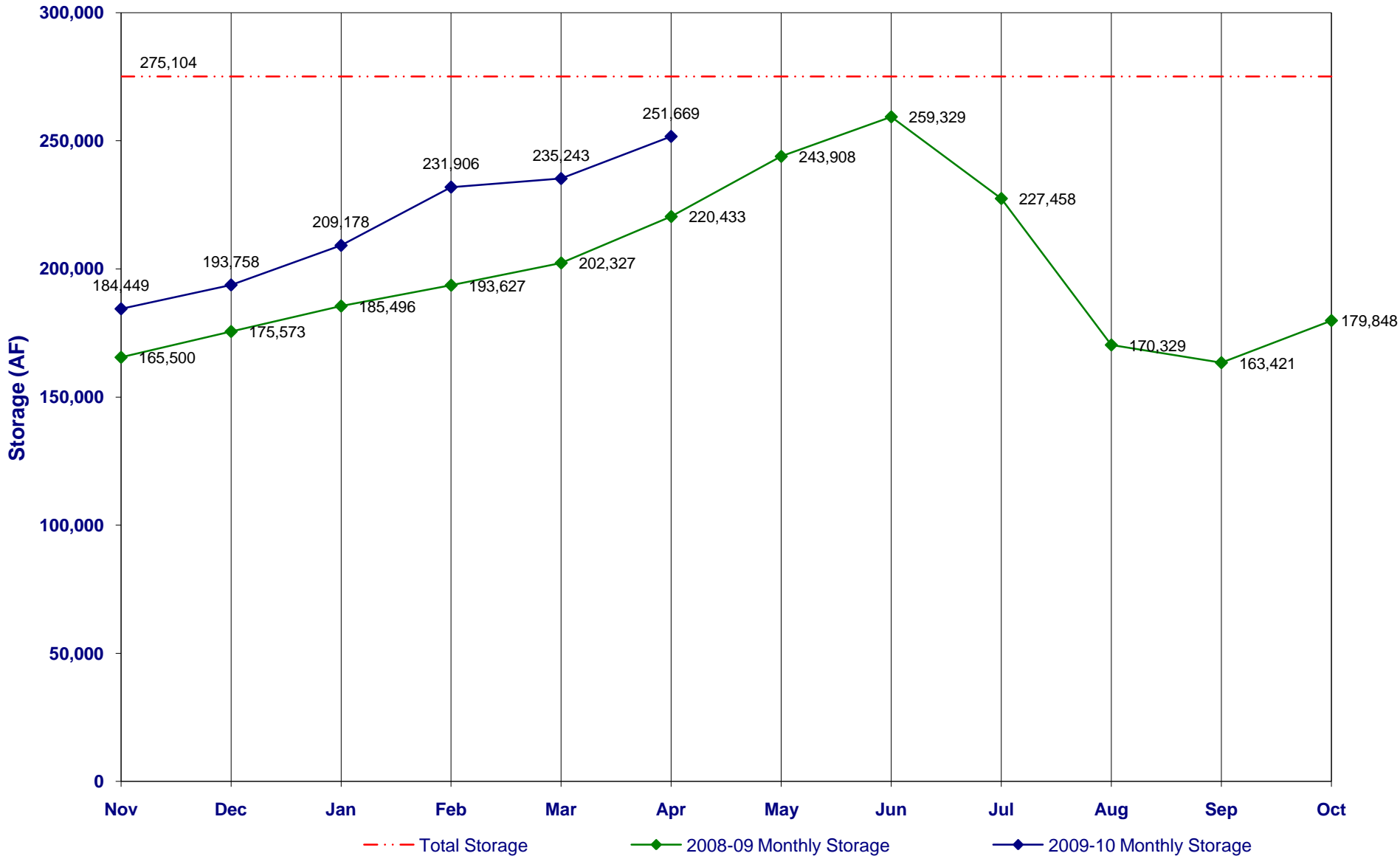
Storage below Kersey*



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

Reservoir Storage above Kersey

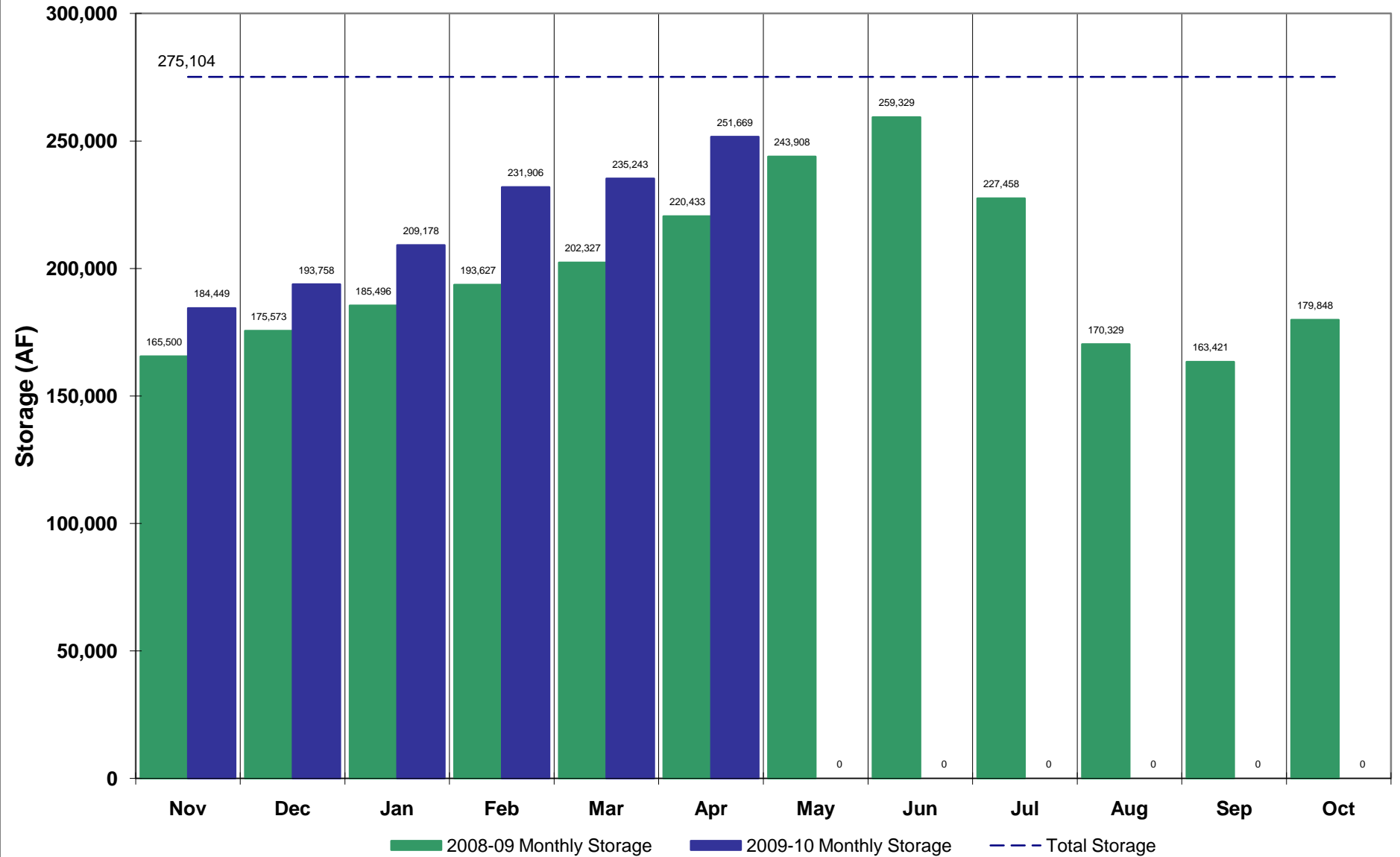
Selected Reservoirs*



*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

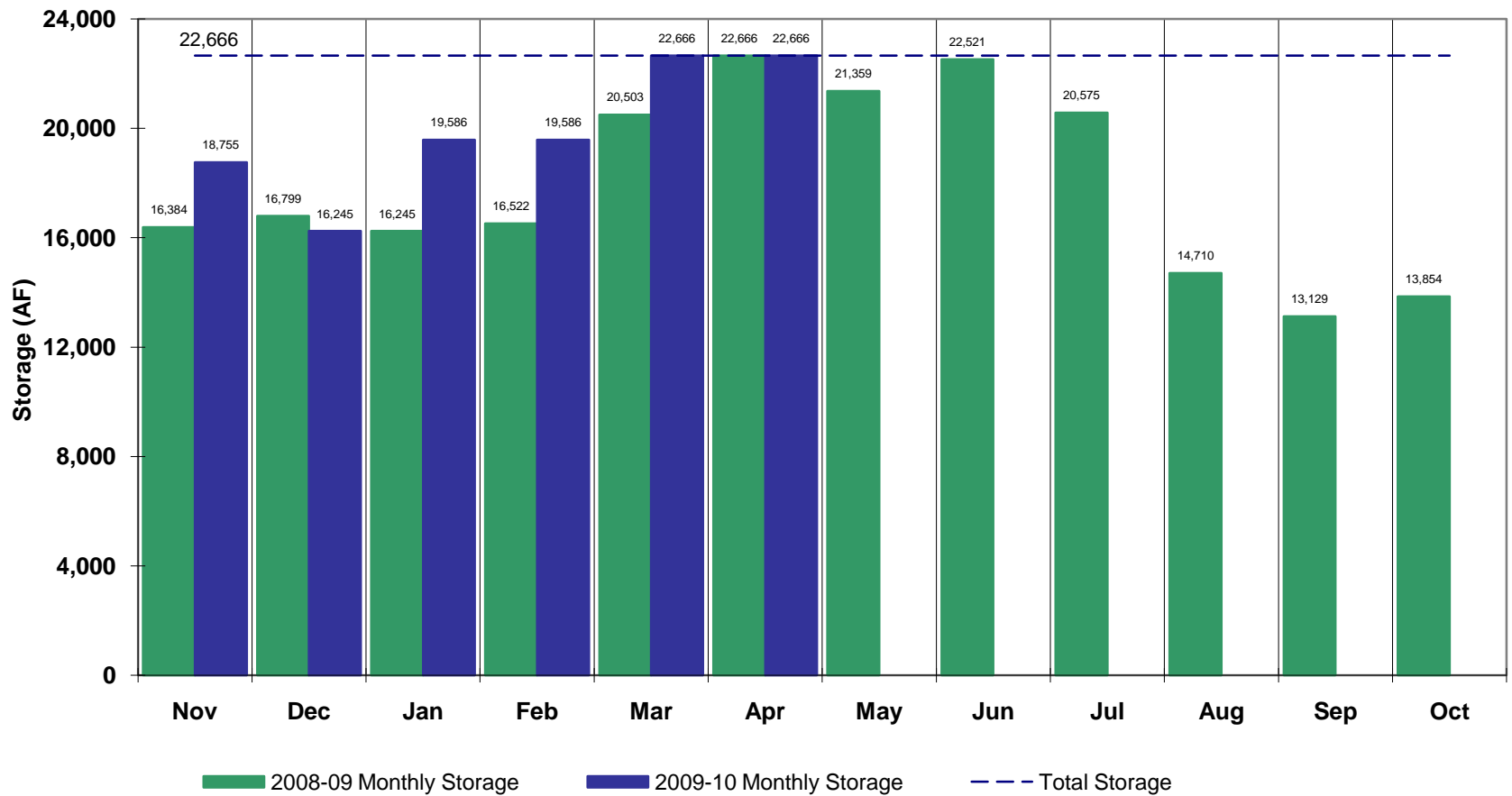
Individual Reservoir Storage Follows



**Vidler Tunnel
(Photo by Mike Wild)**

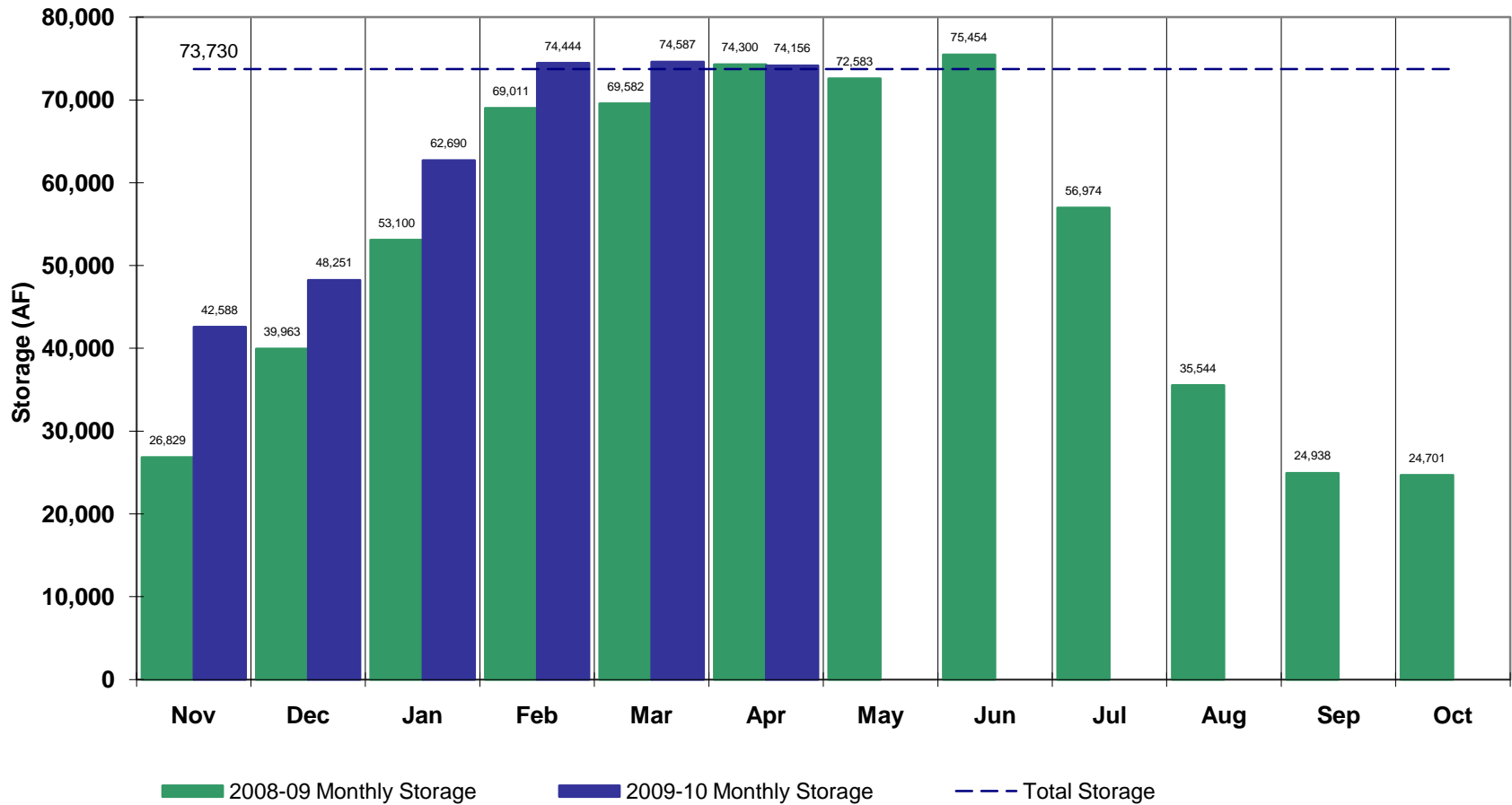
Julesburg Reservoir

(District 64 - Agricultural)



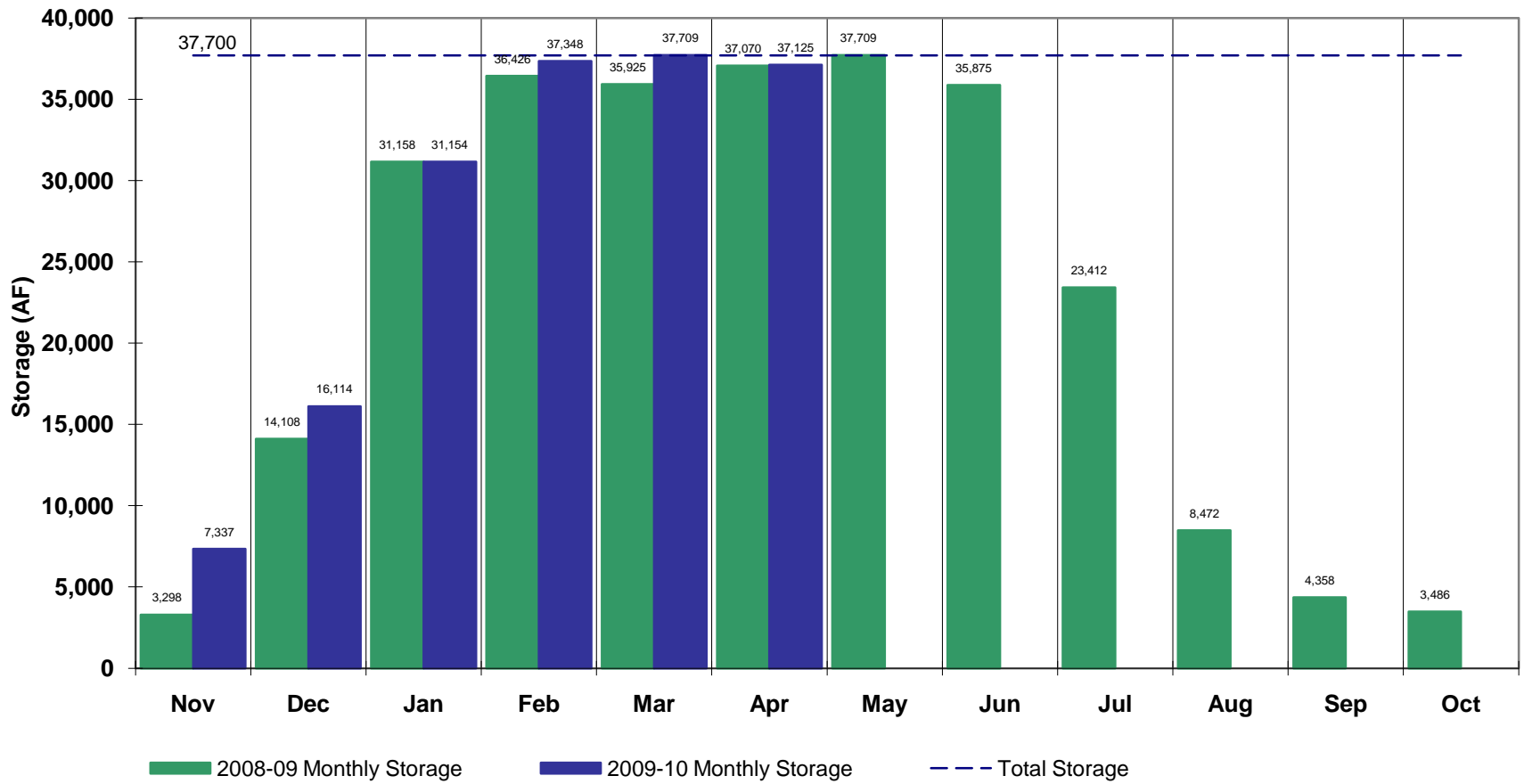
North Sterling Reservoir

(District 64- Agricultural)



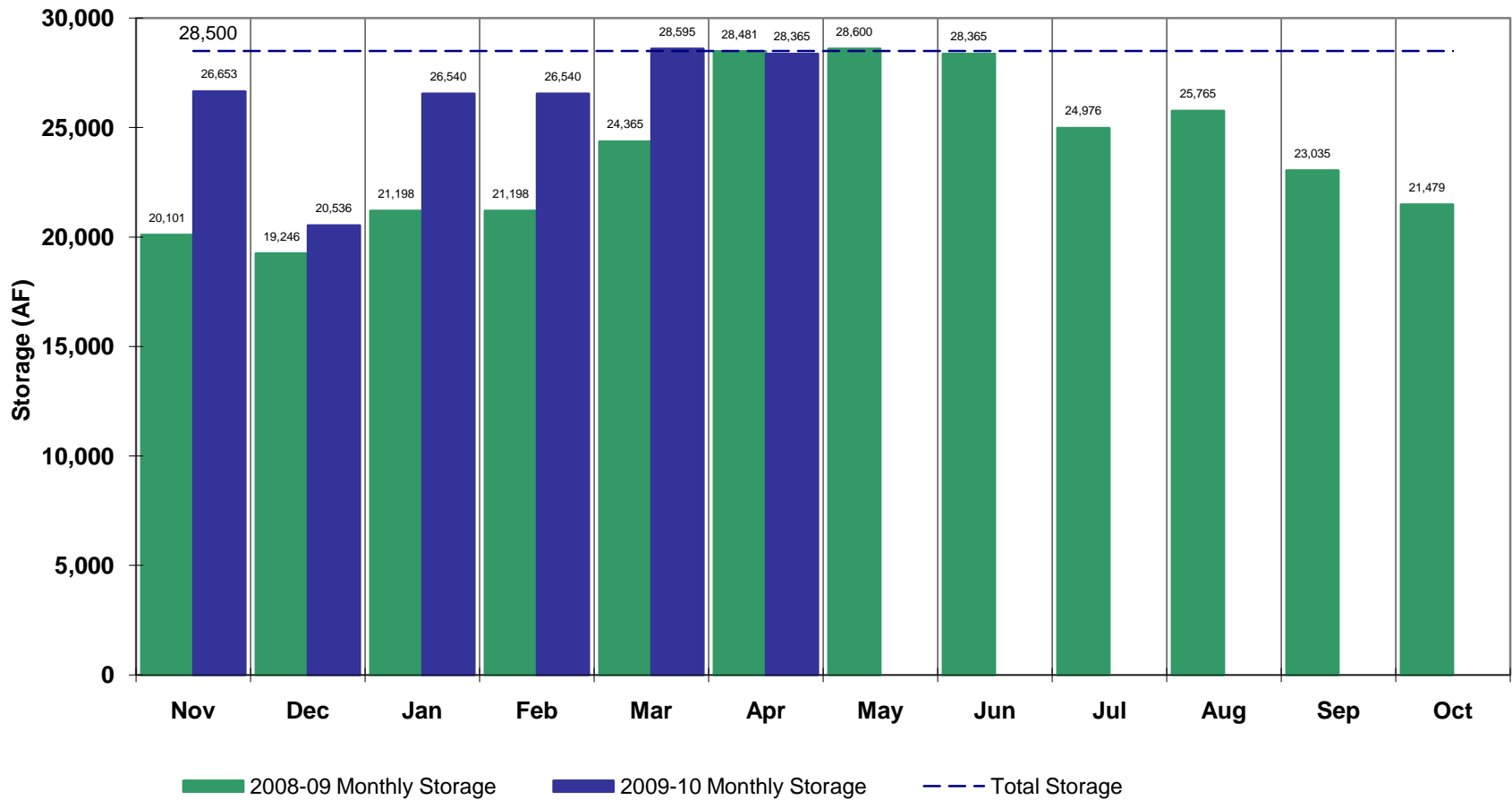
Empire Reservoir

(District 1- Agricultural)



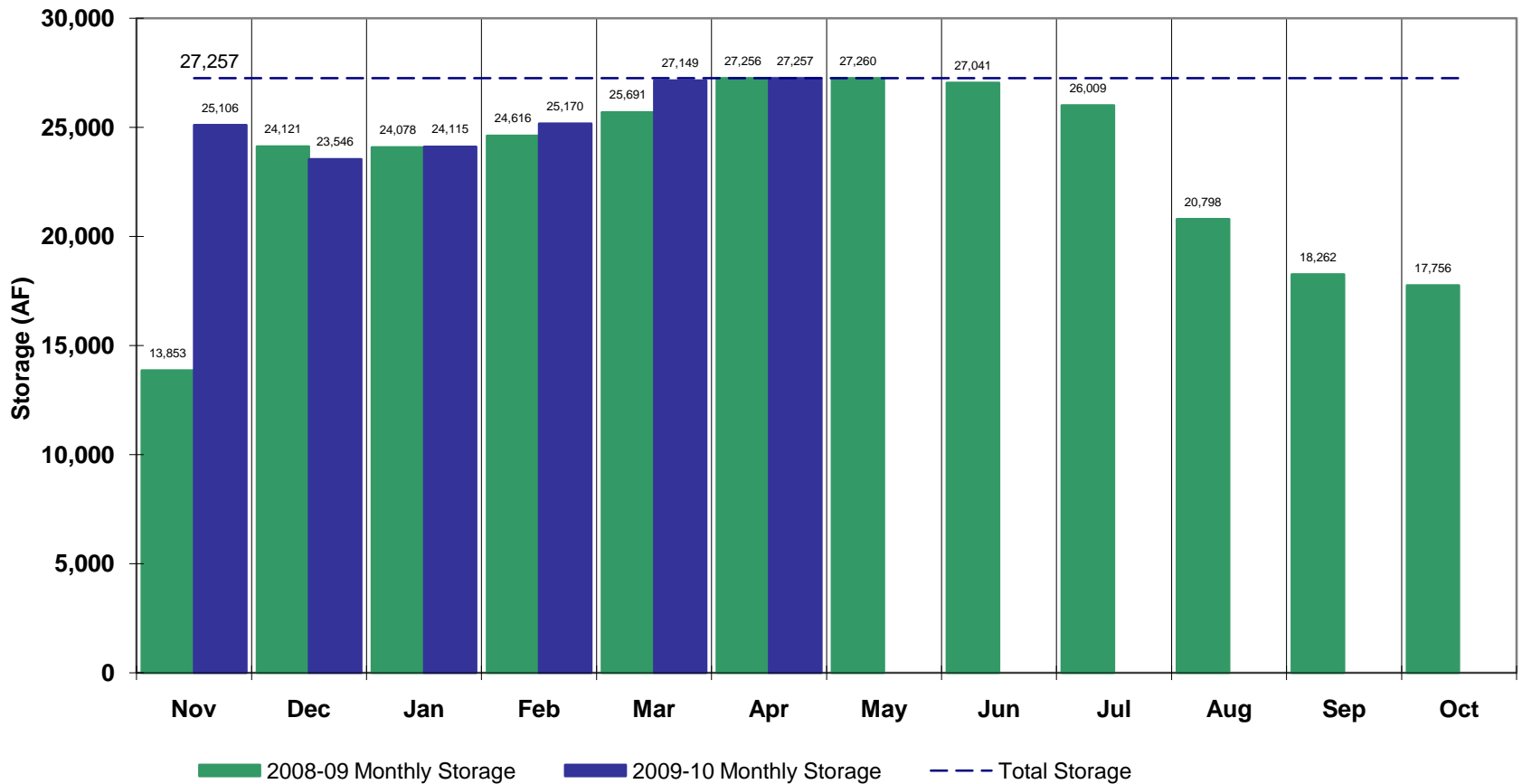
Prewitt Reservoir

(District 64- Agricultural)



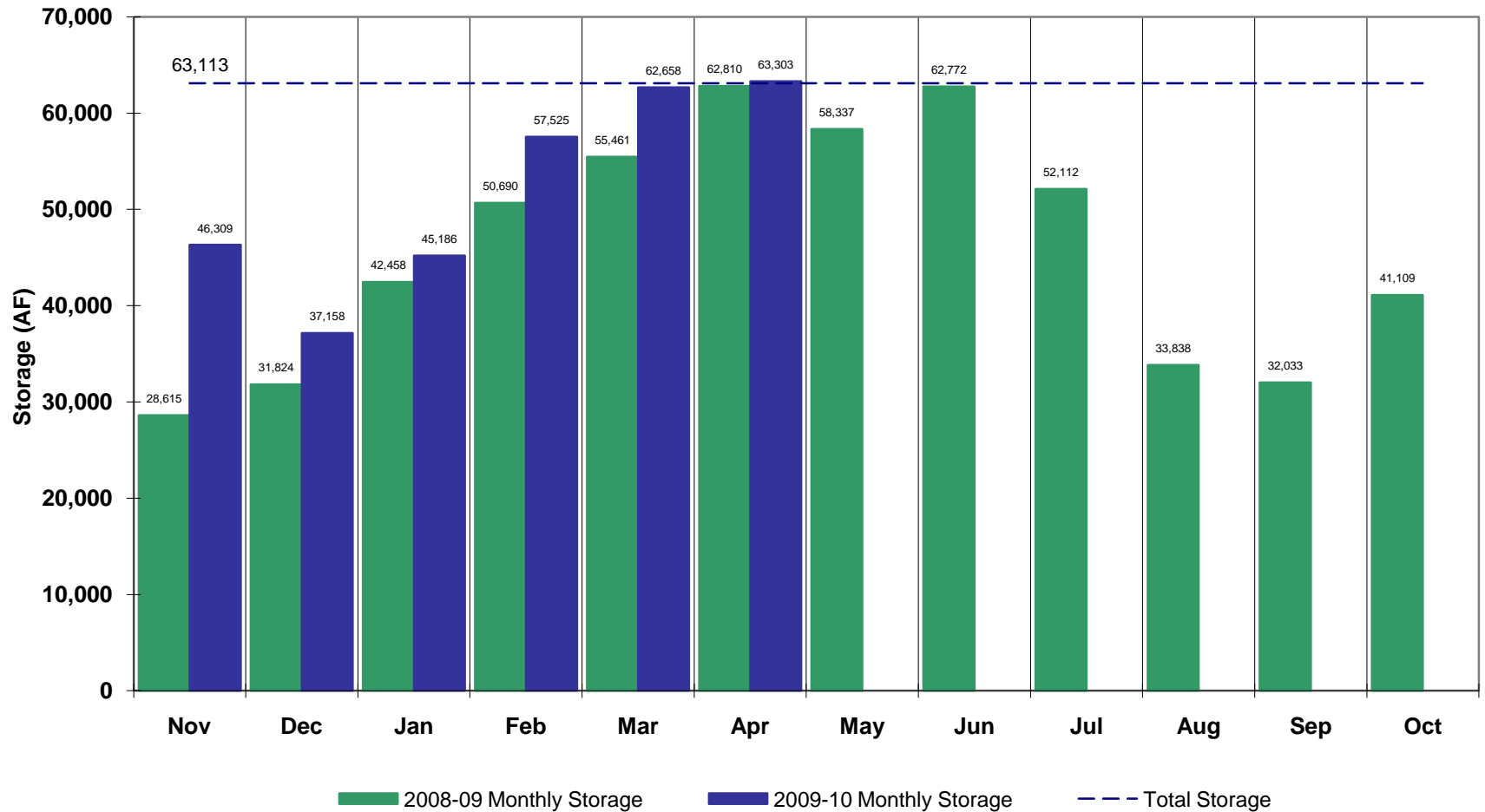
Jackson Reservoir

(District 1- Agricultural)



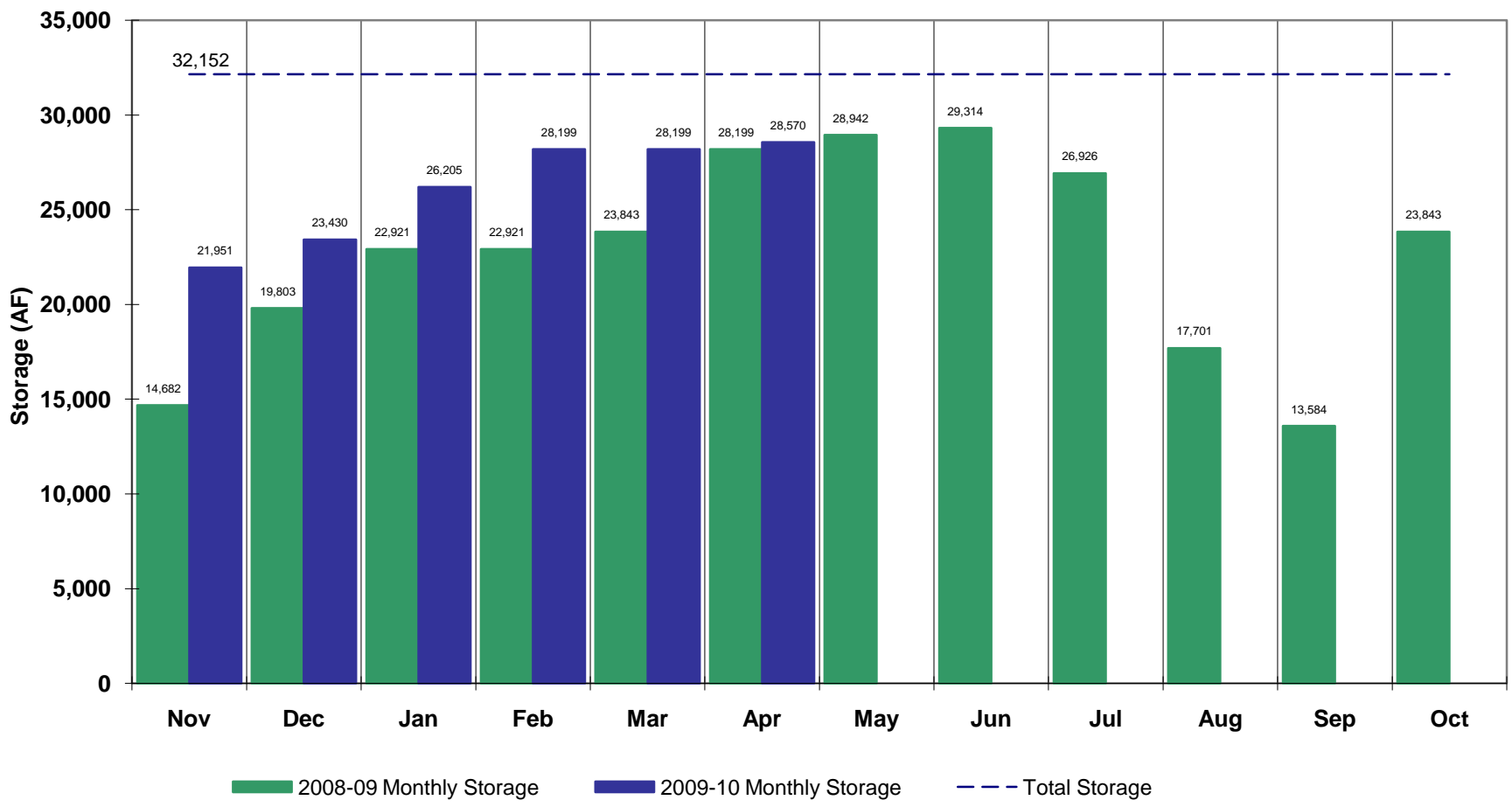
Riverside Reservoir

(District 1 - Agricultural)



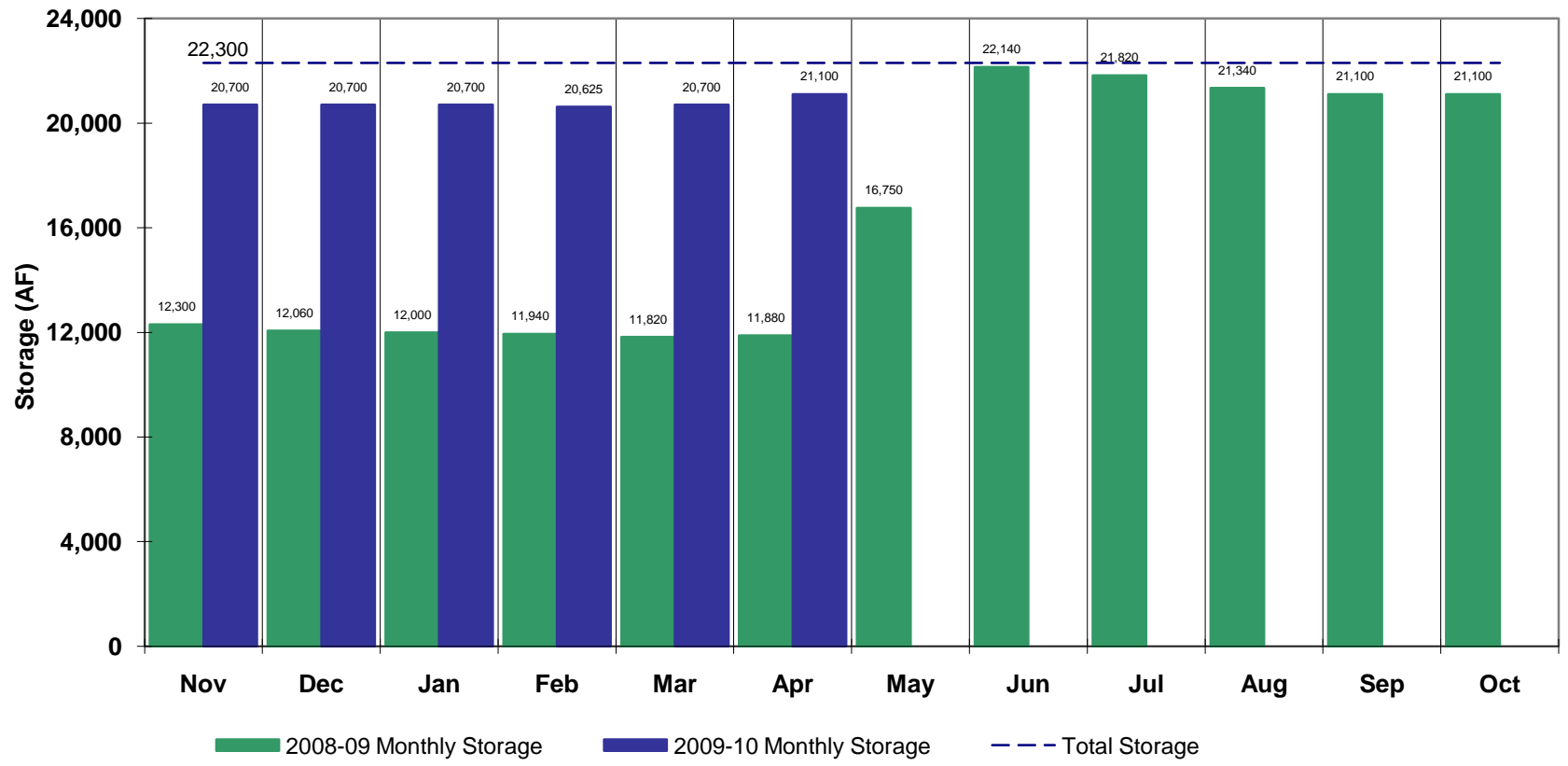
Barr Lake

(District 2 - Agricultural)



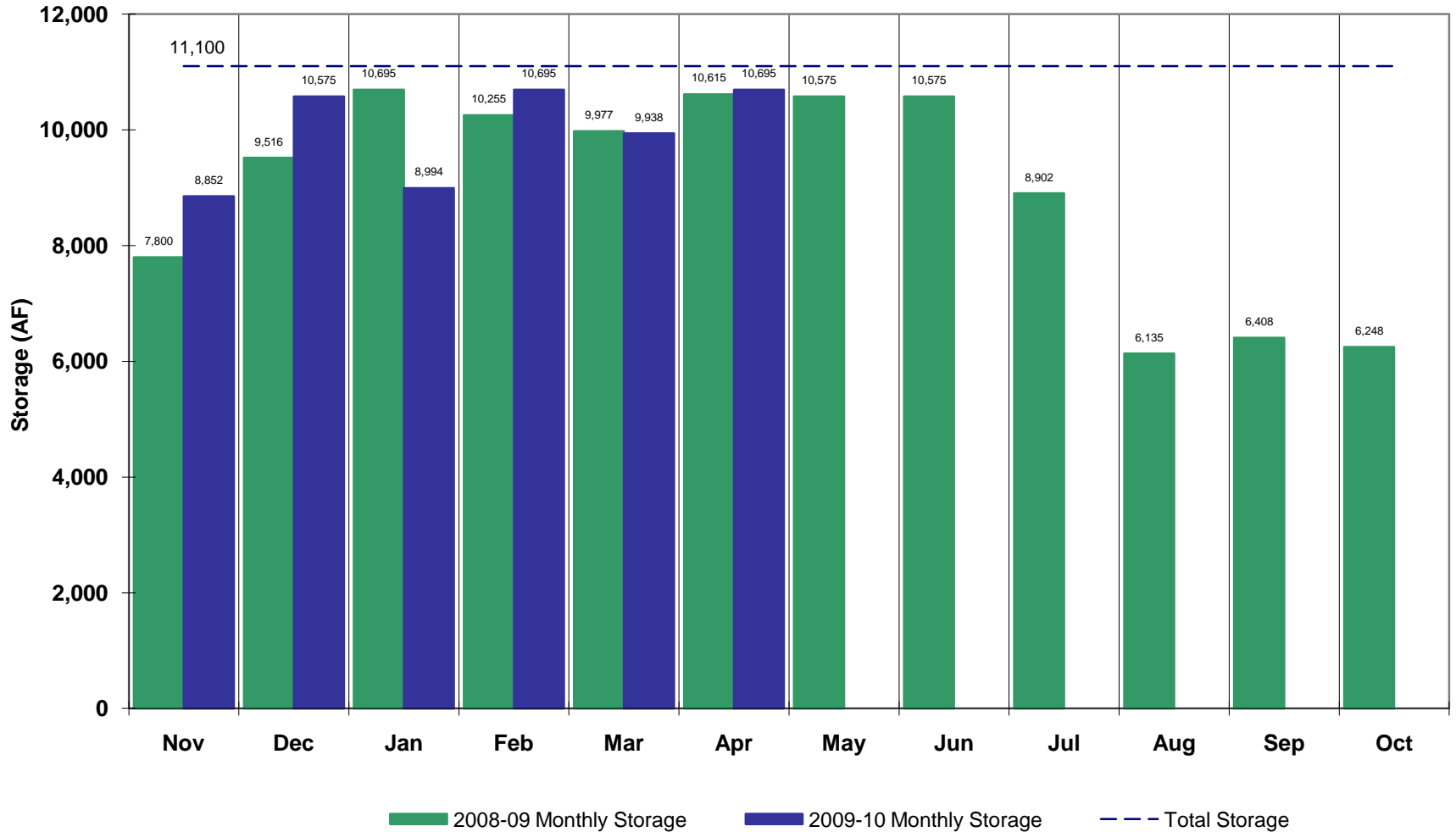
Cobb Lake

(District 3, Poudre River - Agricultural)



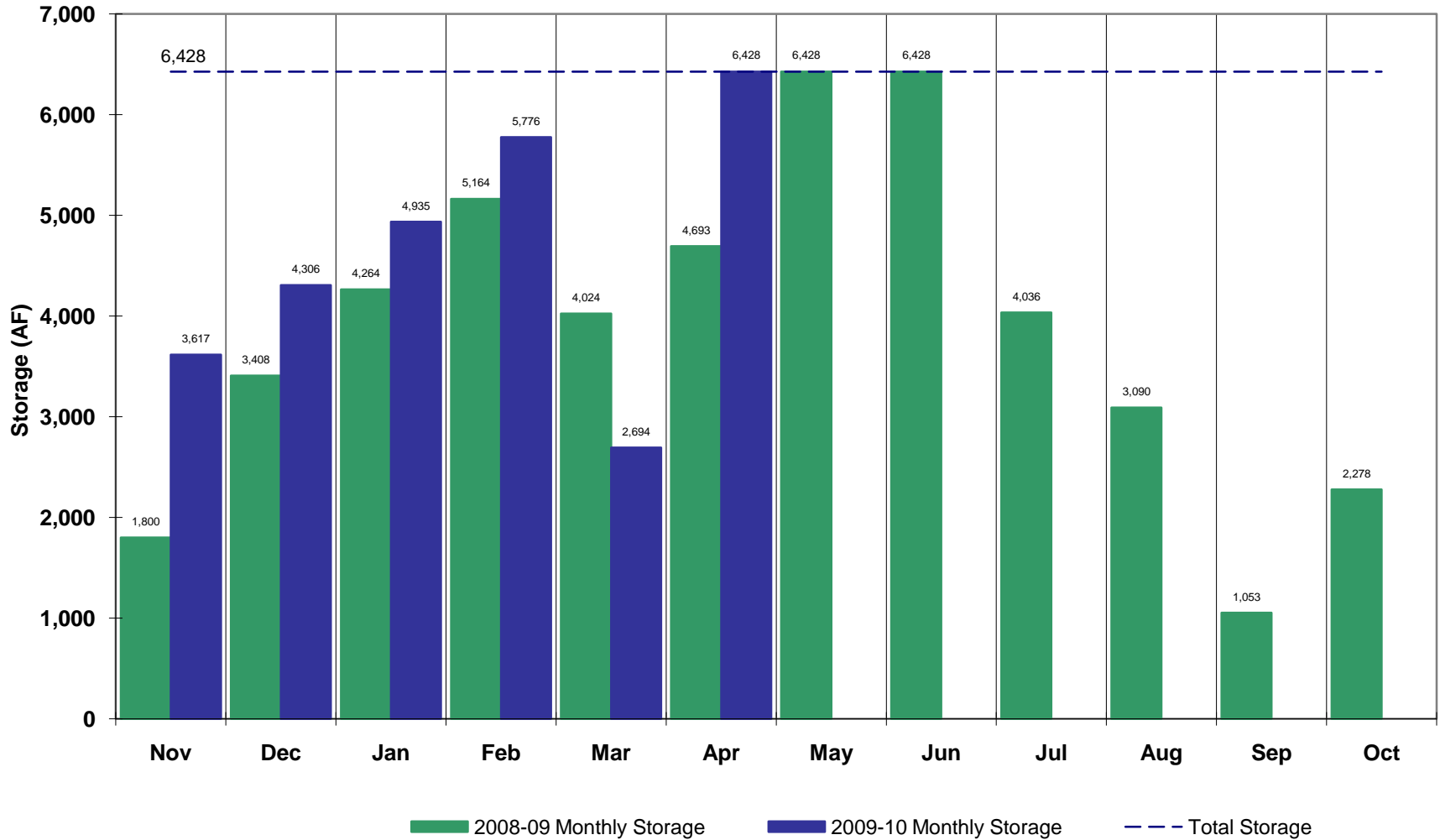
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



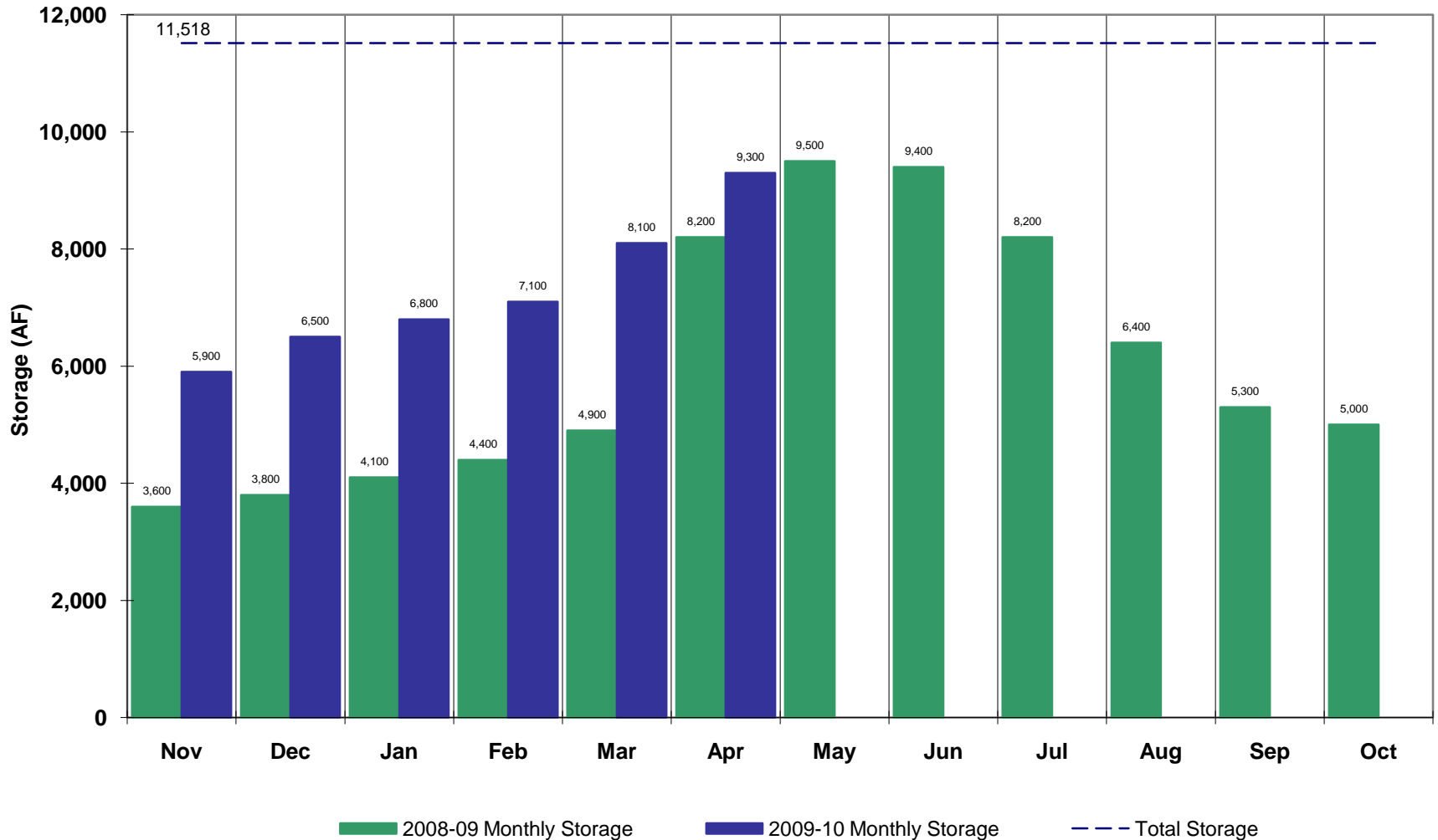
Halligan Reservoir

(District 3, Poudre River - Agricultural)



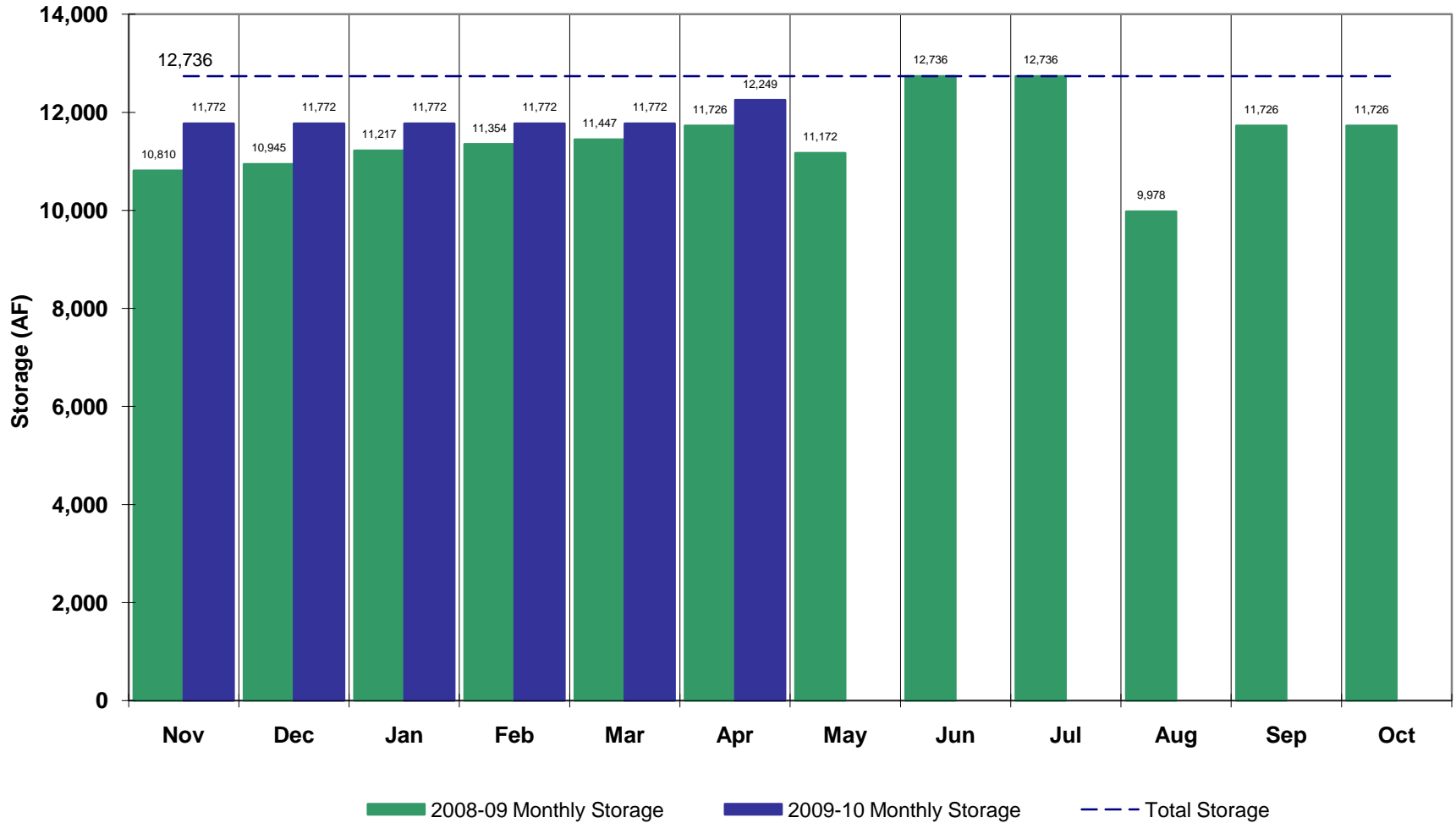
Marshall Lake

(District 6, Boulder Creek - Agricultural)



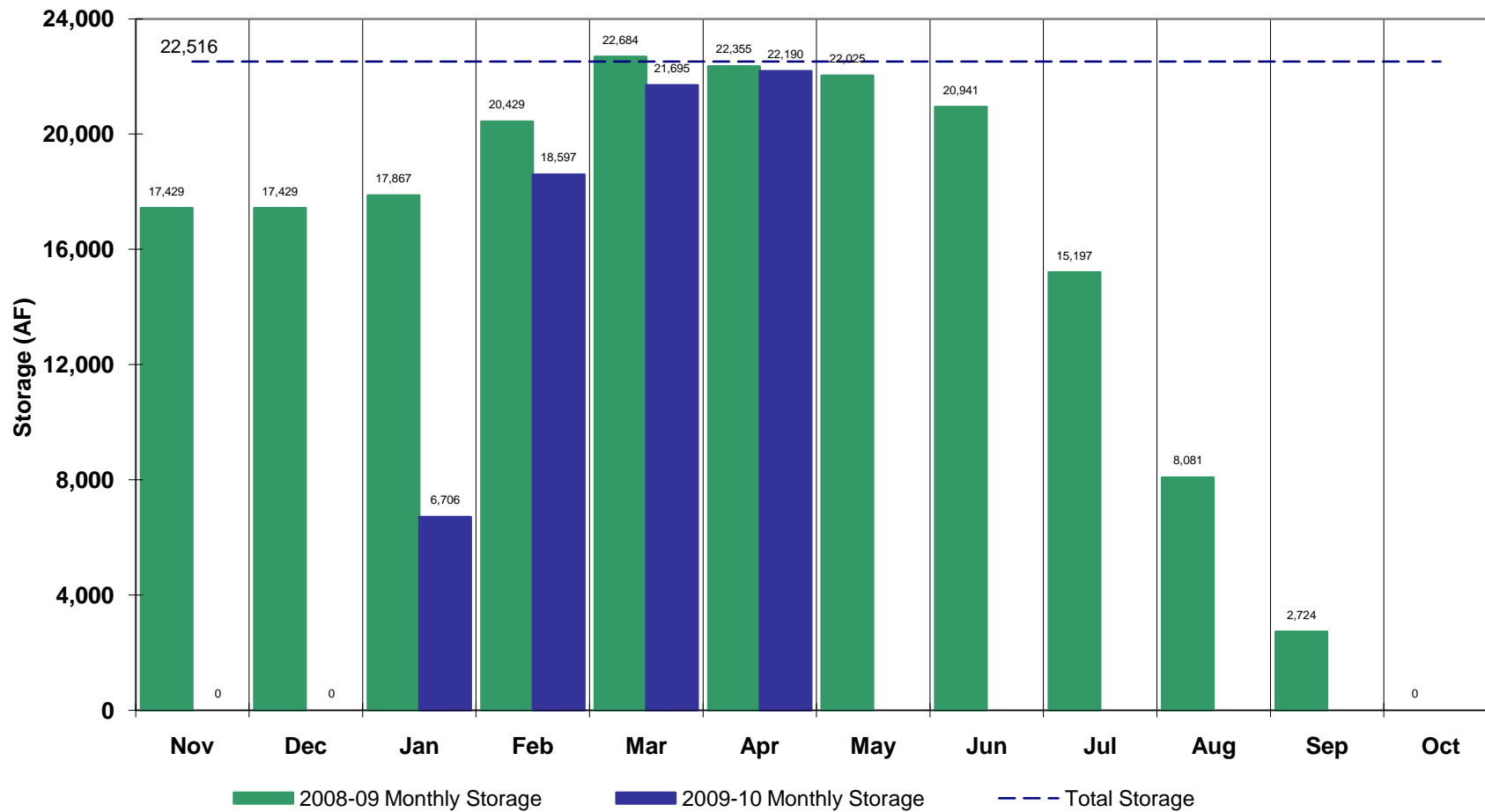
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



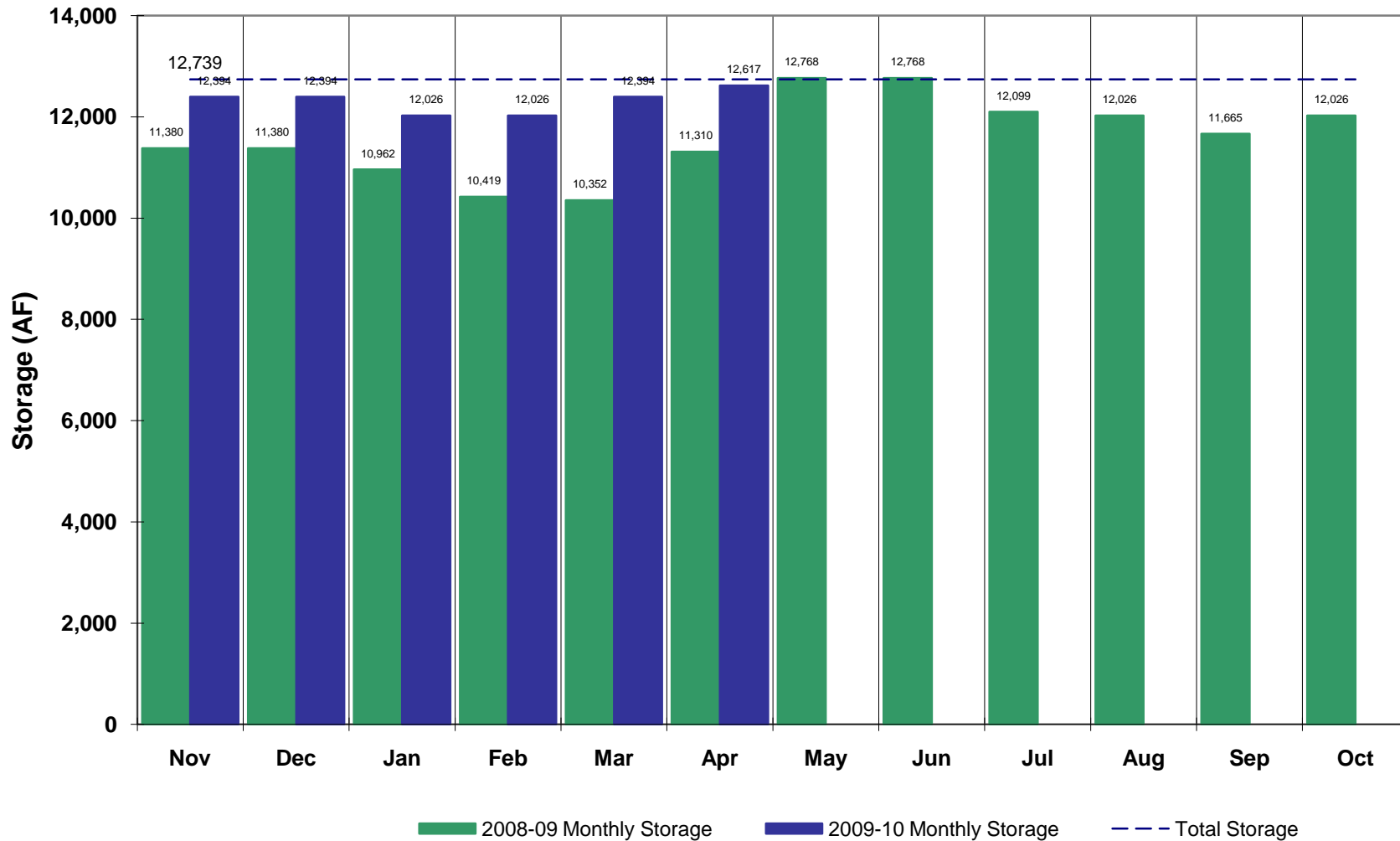
Milton Reservoir

(District 2 - Agricultural)

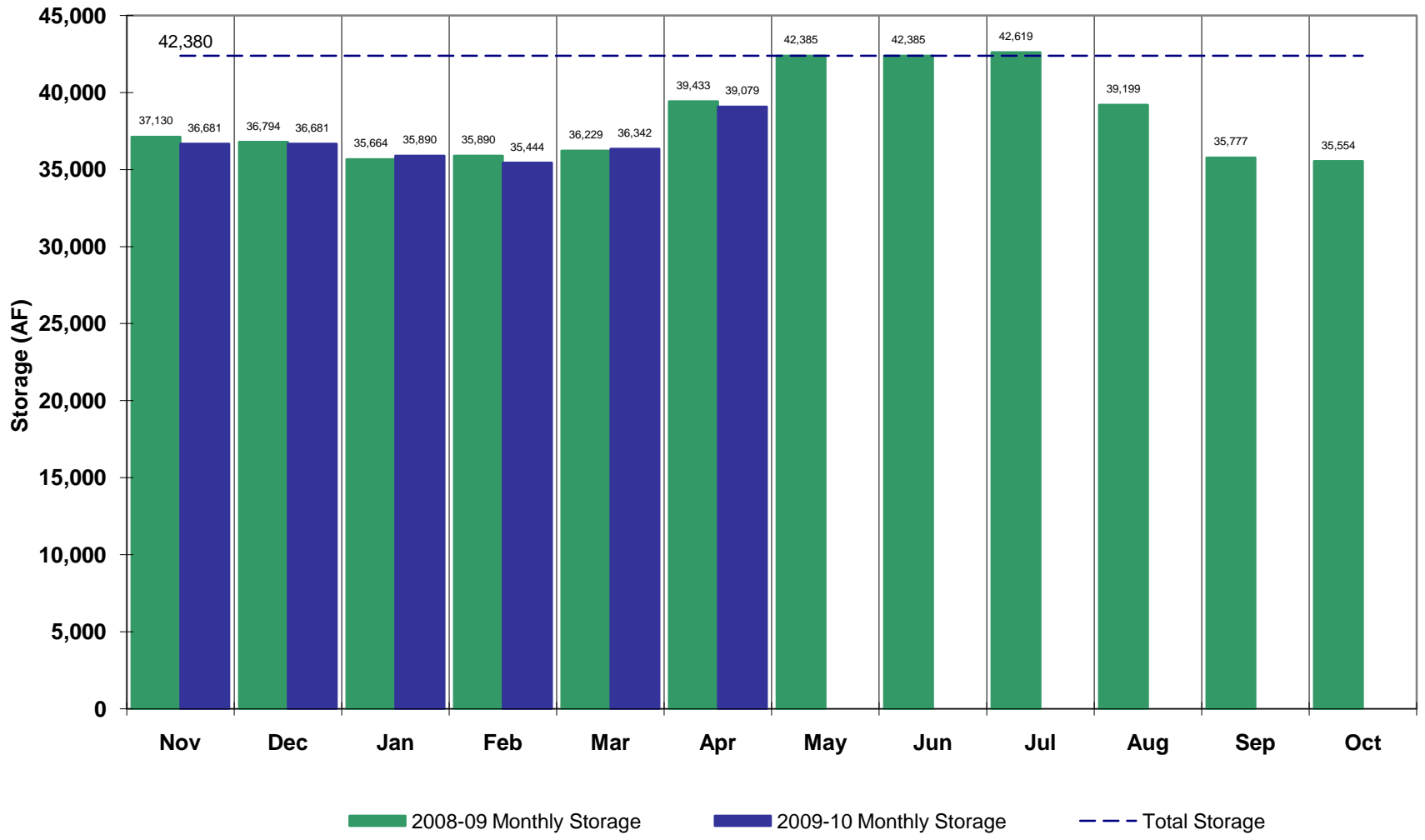


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

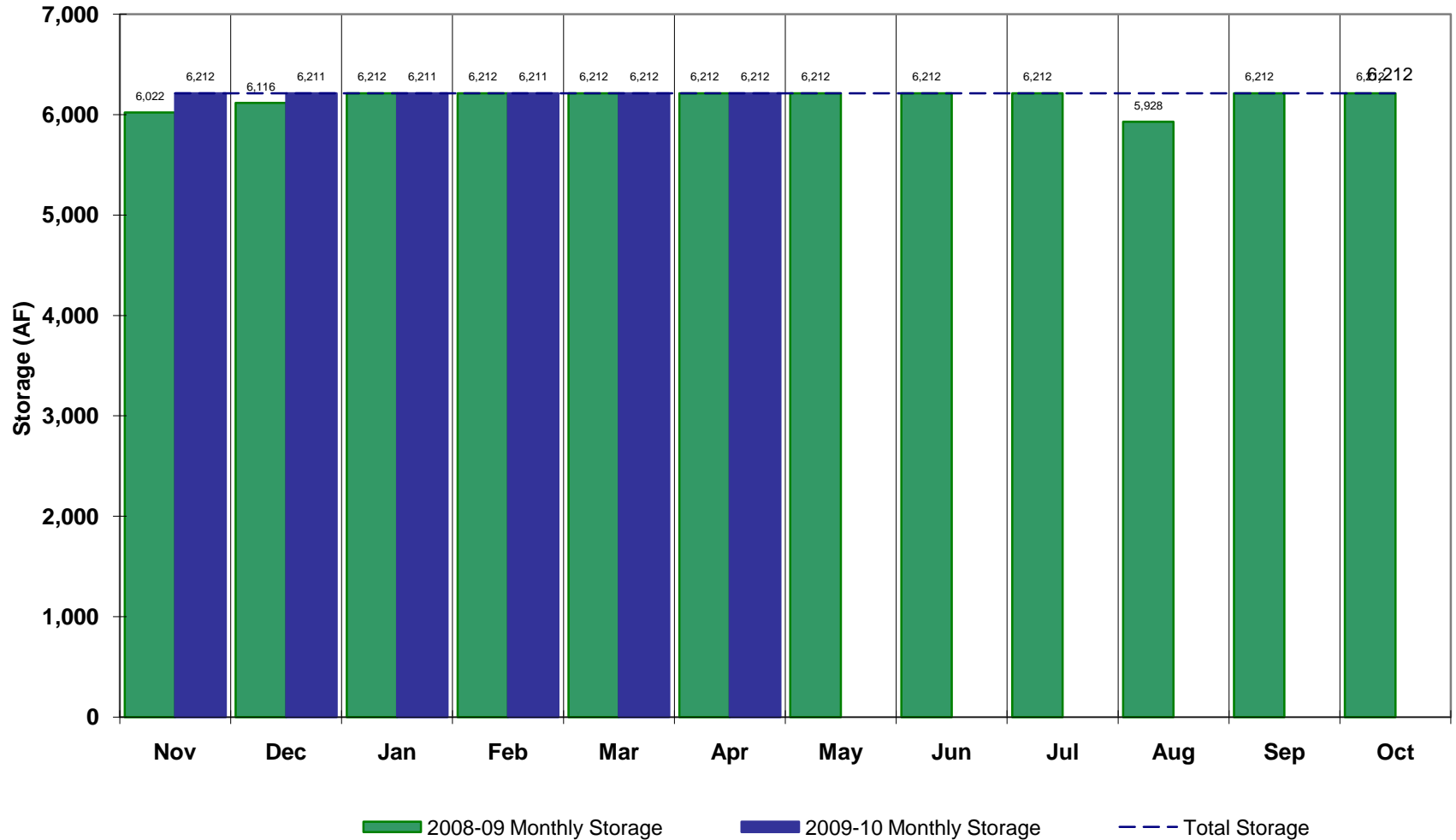


Standley Lake (Agricultural)



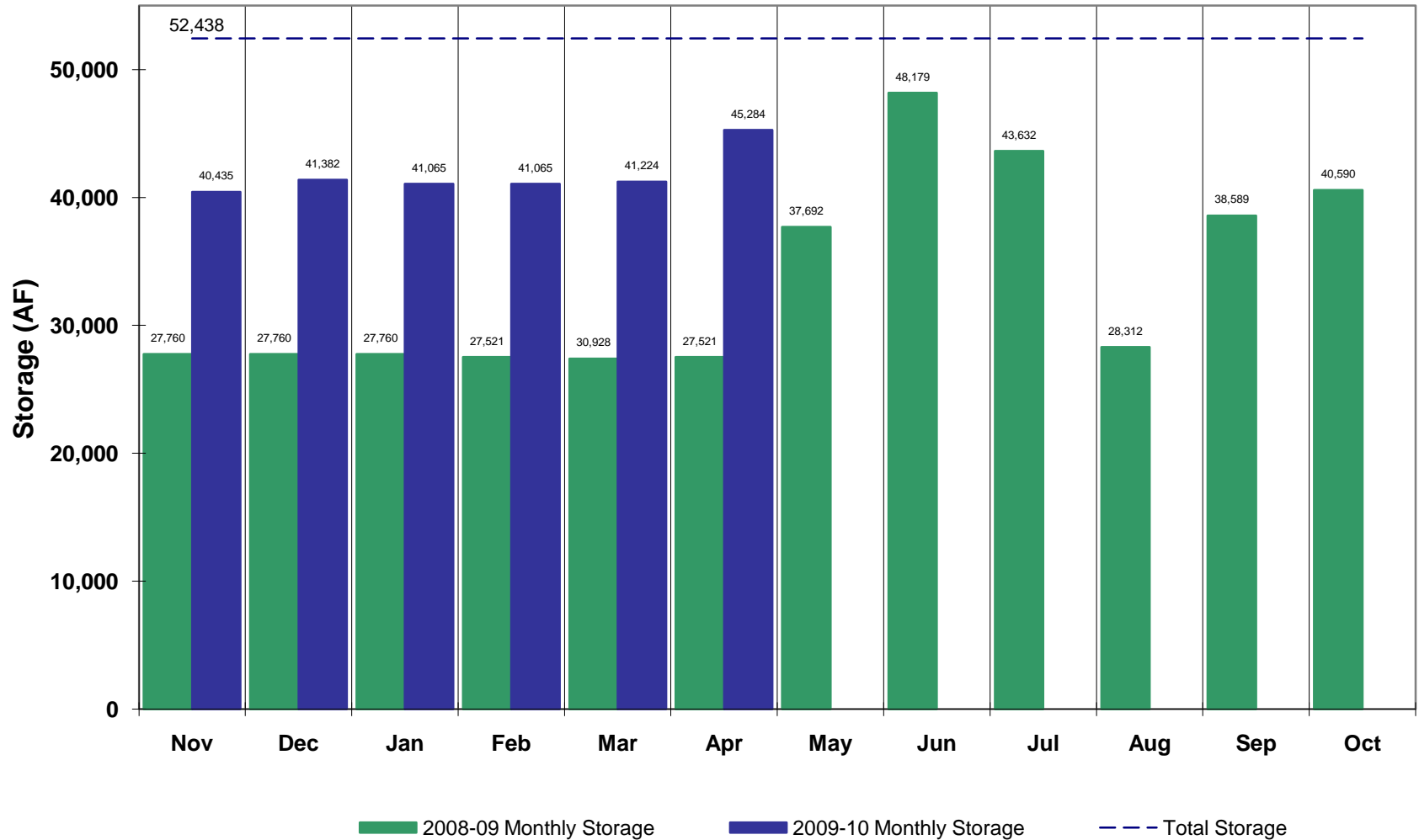
Lower Latham Reservoir

(District 2 - Agricultural)



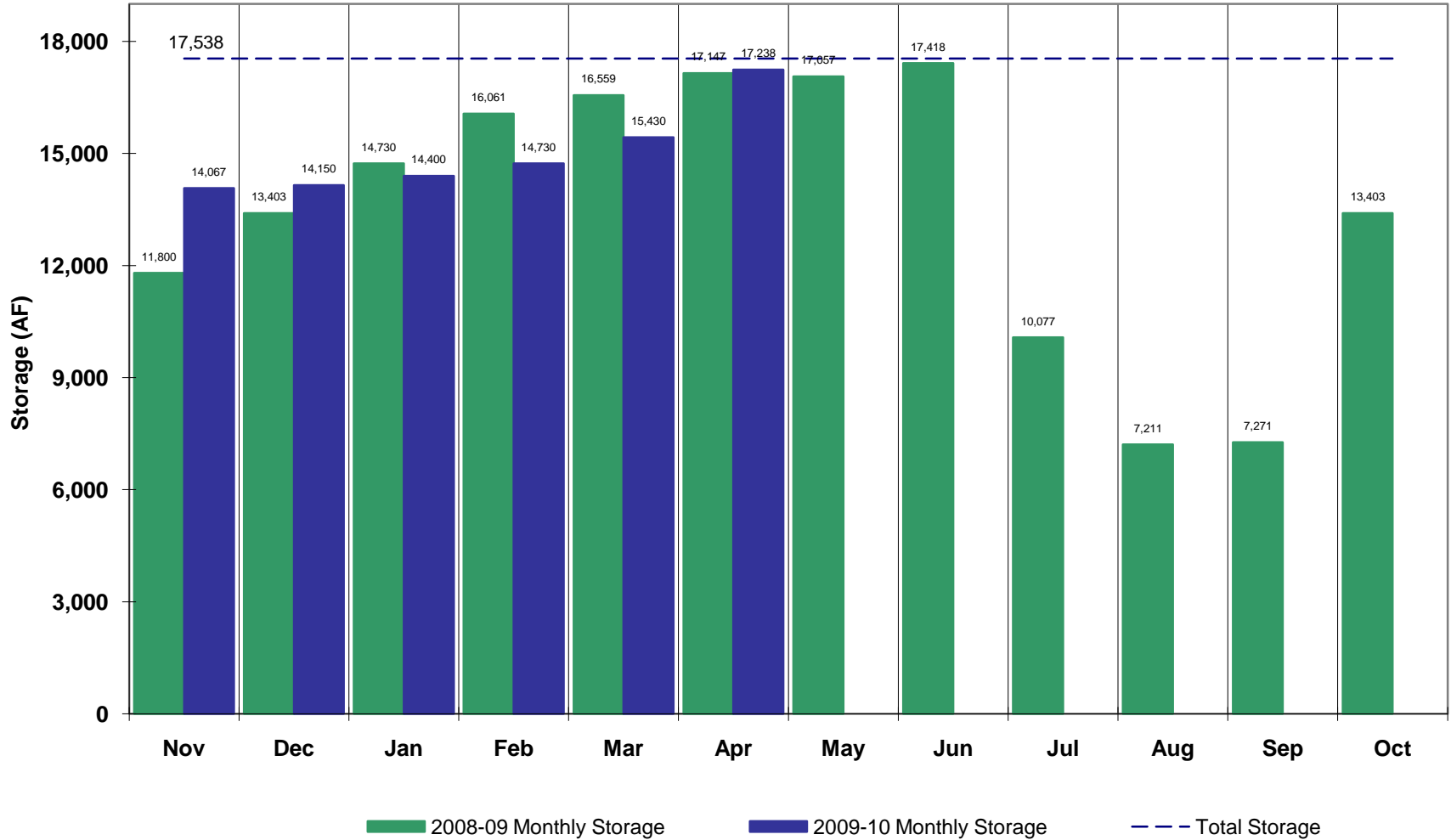
Boyd Lake

(District 4, Big Thompson River - Agricultural)



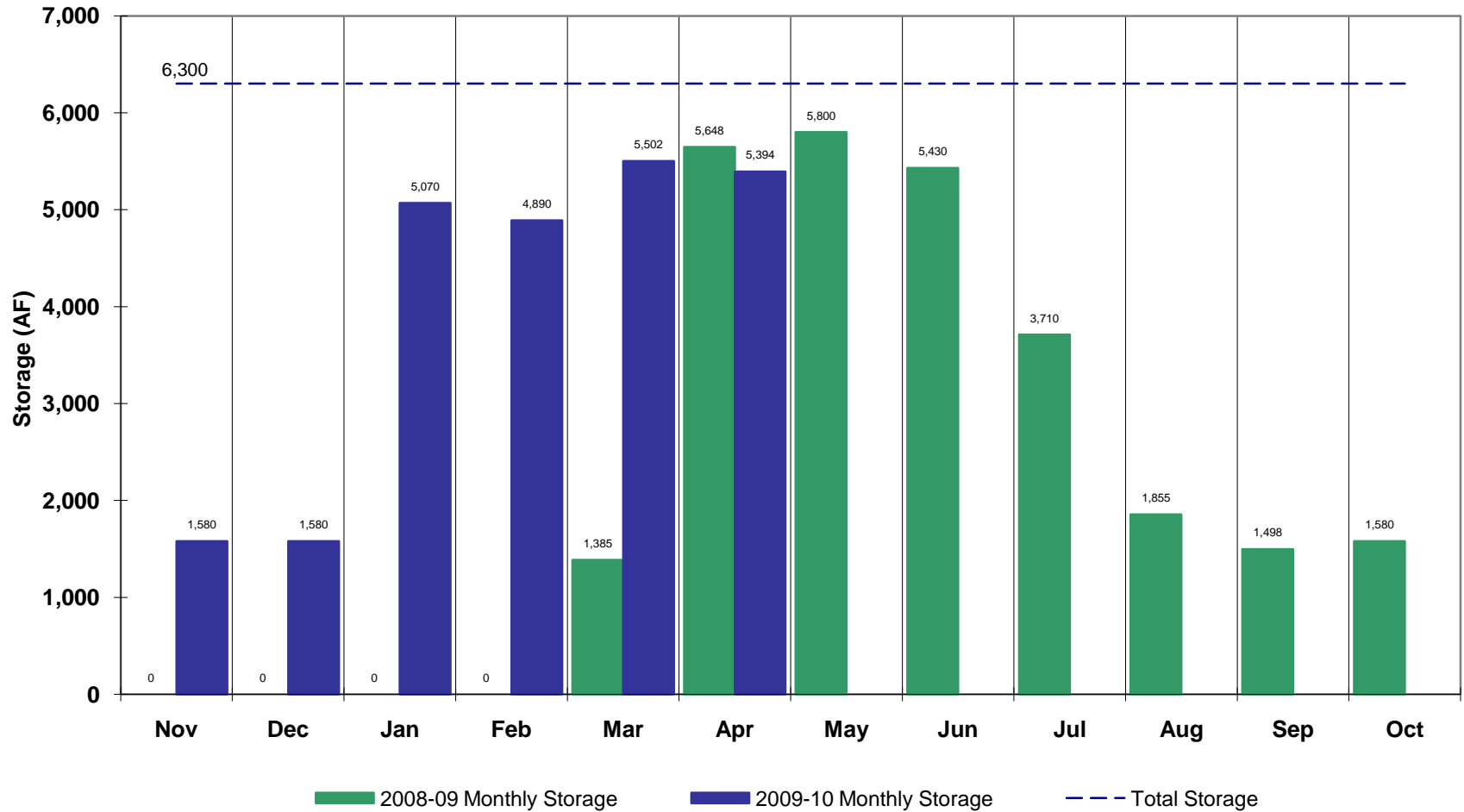
Windsor Reservoir

(District 3, Poudre River - Agricultural)



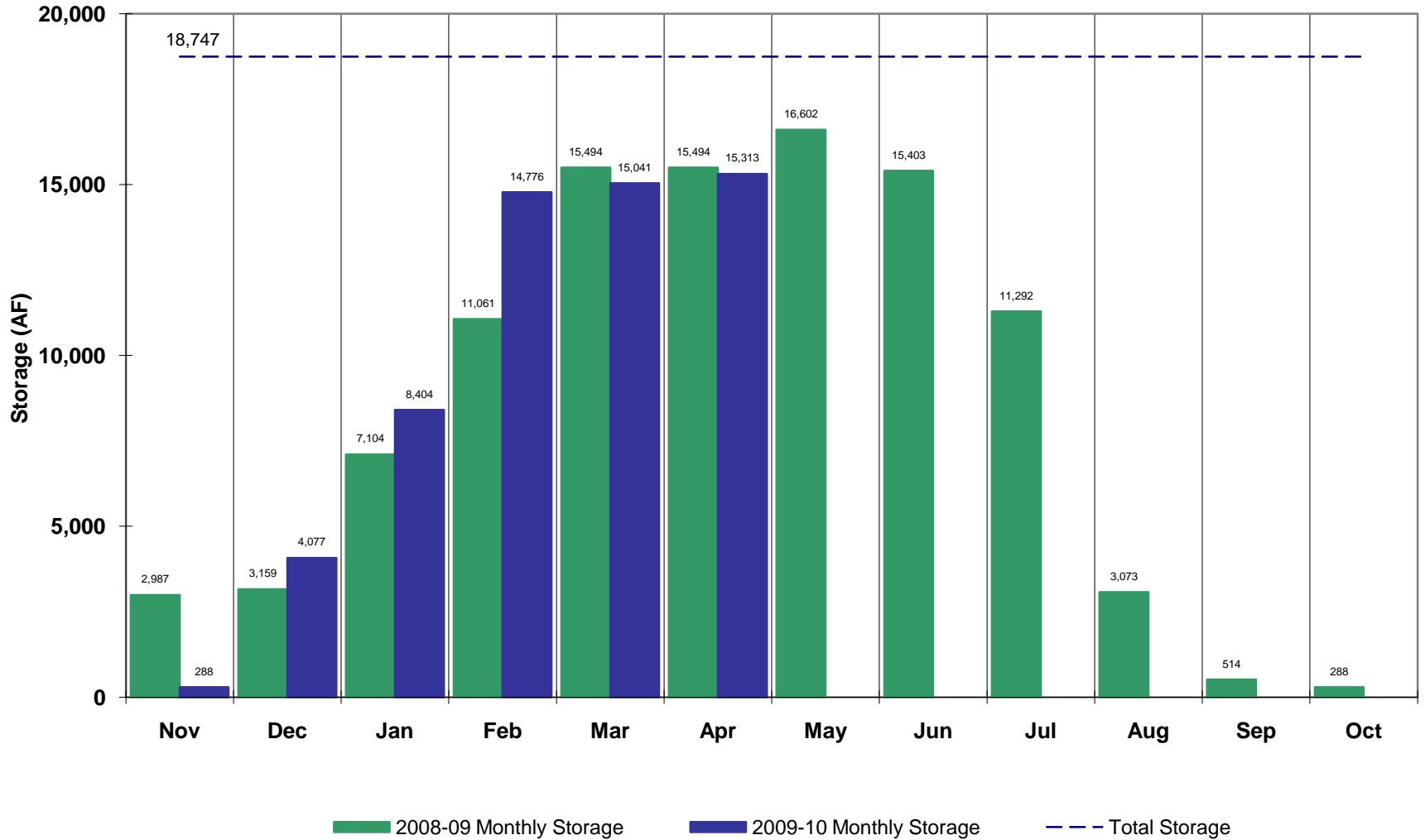
Prospect Reservoir

(District 1- Agricultural)



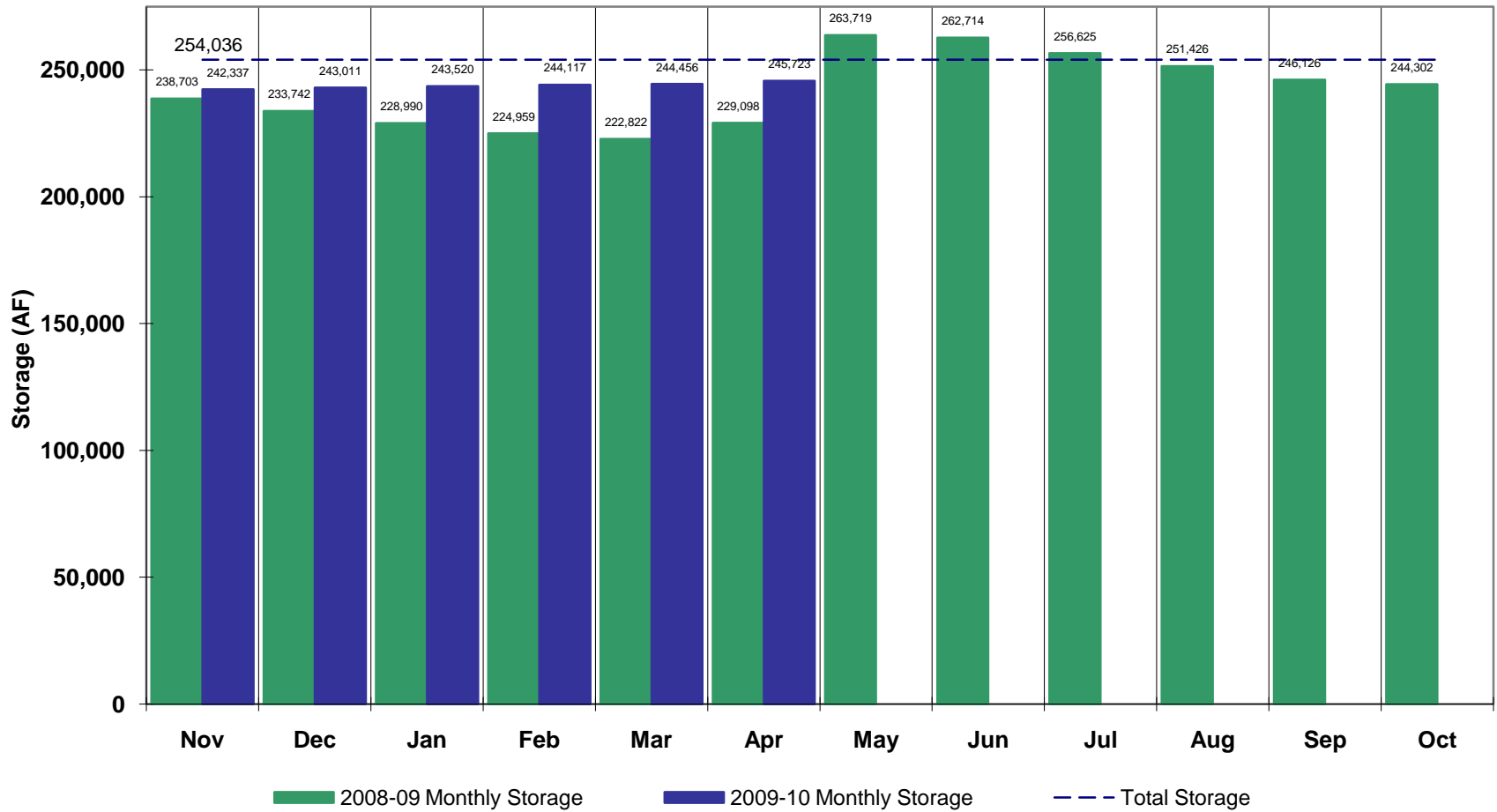
Horse Creek Reservoir

(District 1 - Agricultural)



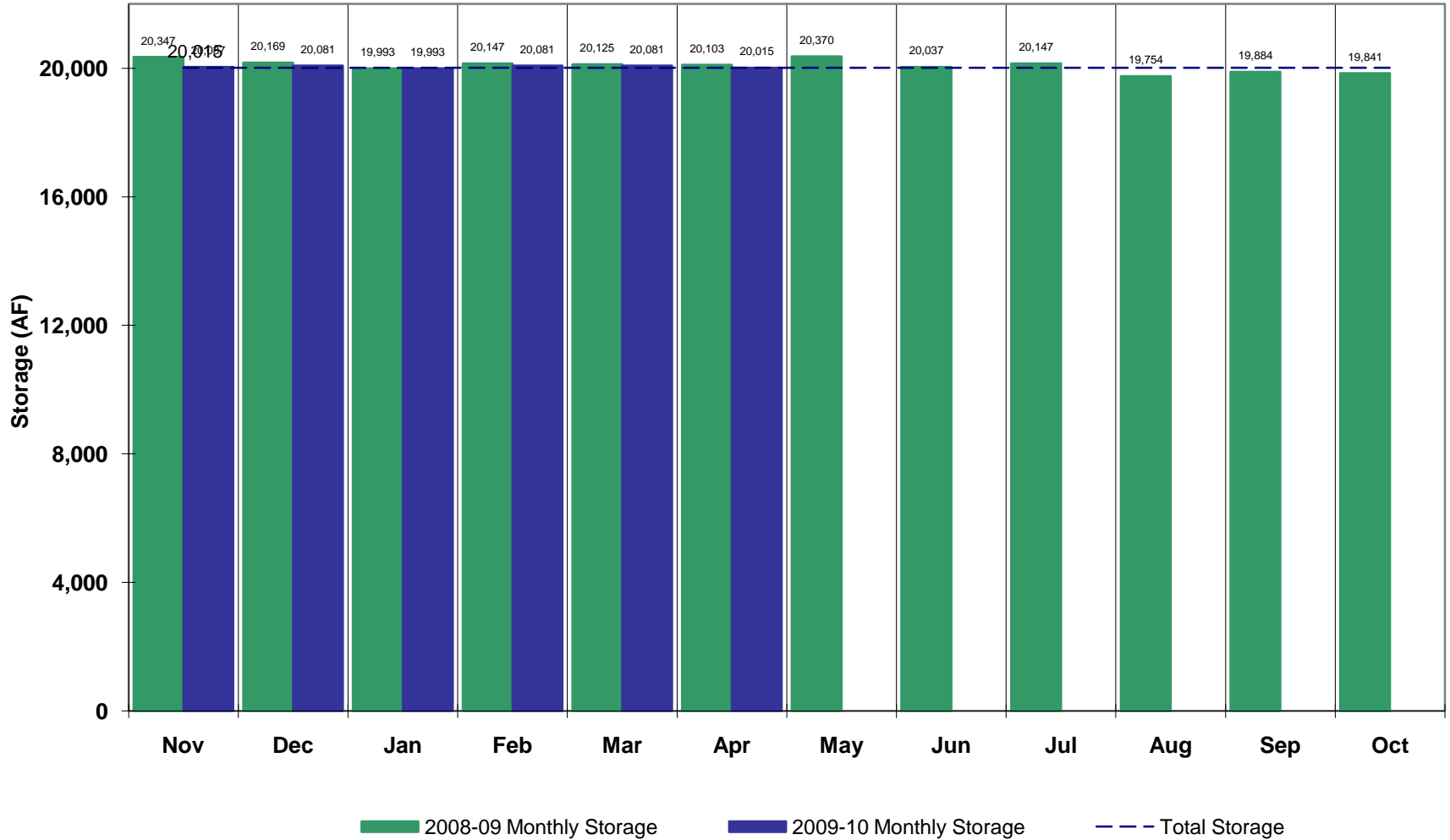
Dillon Reservoir

(Municipal)



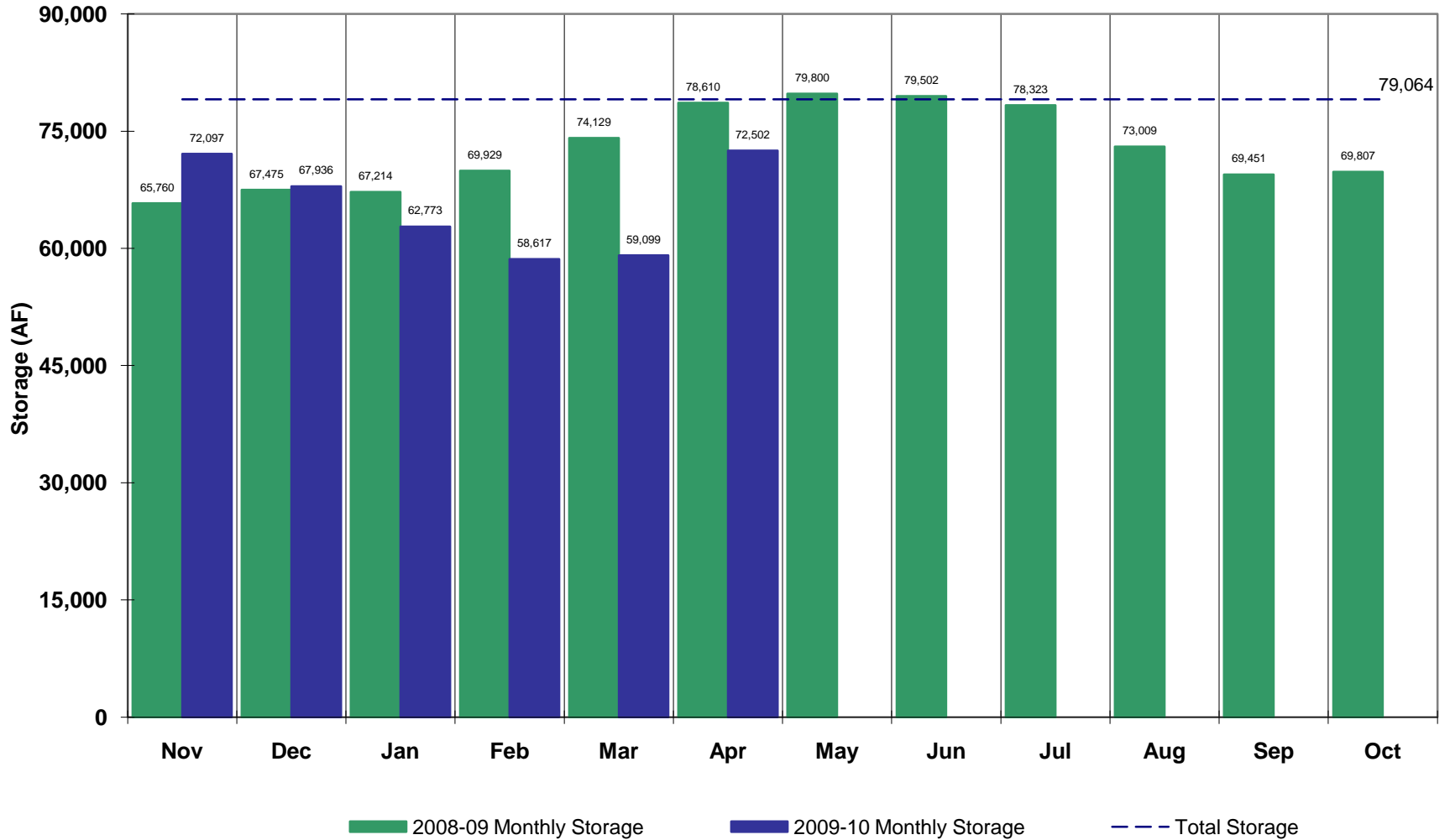
Antero Reservoir

(District 23 - Municipal)



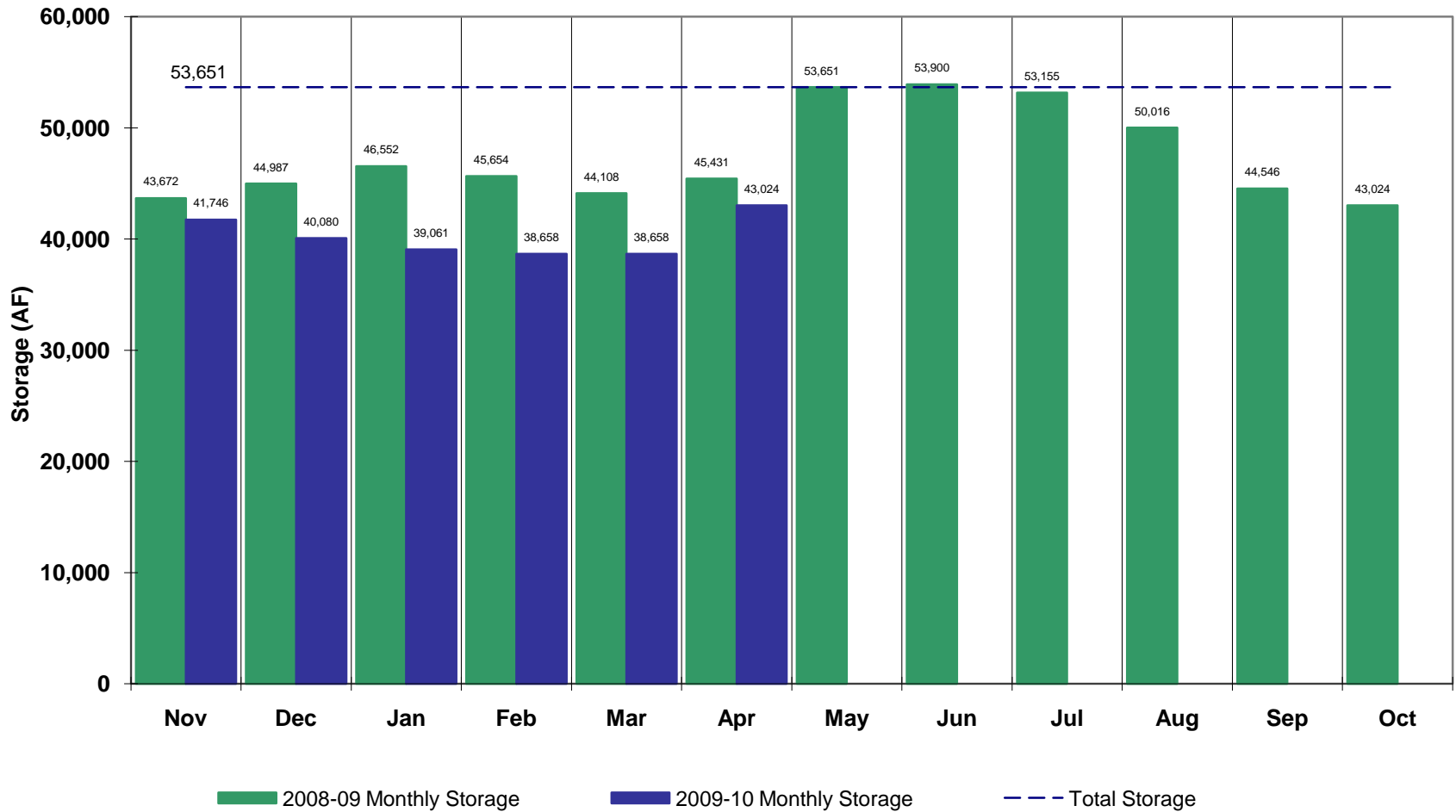
Cheesman Reservoir

(District 80 - Municipal)



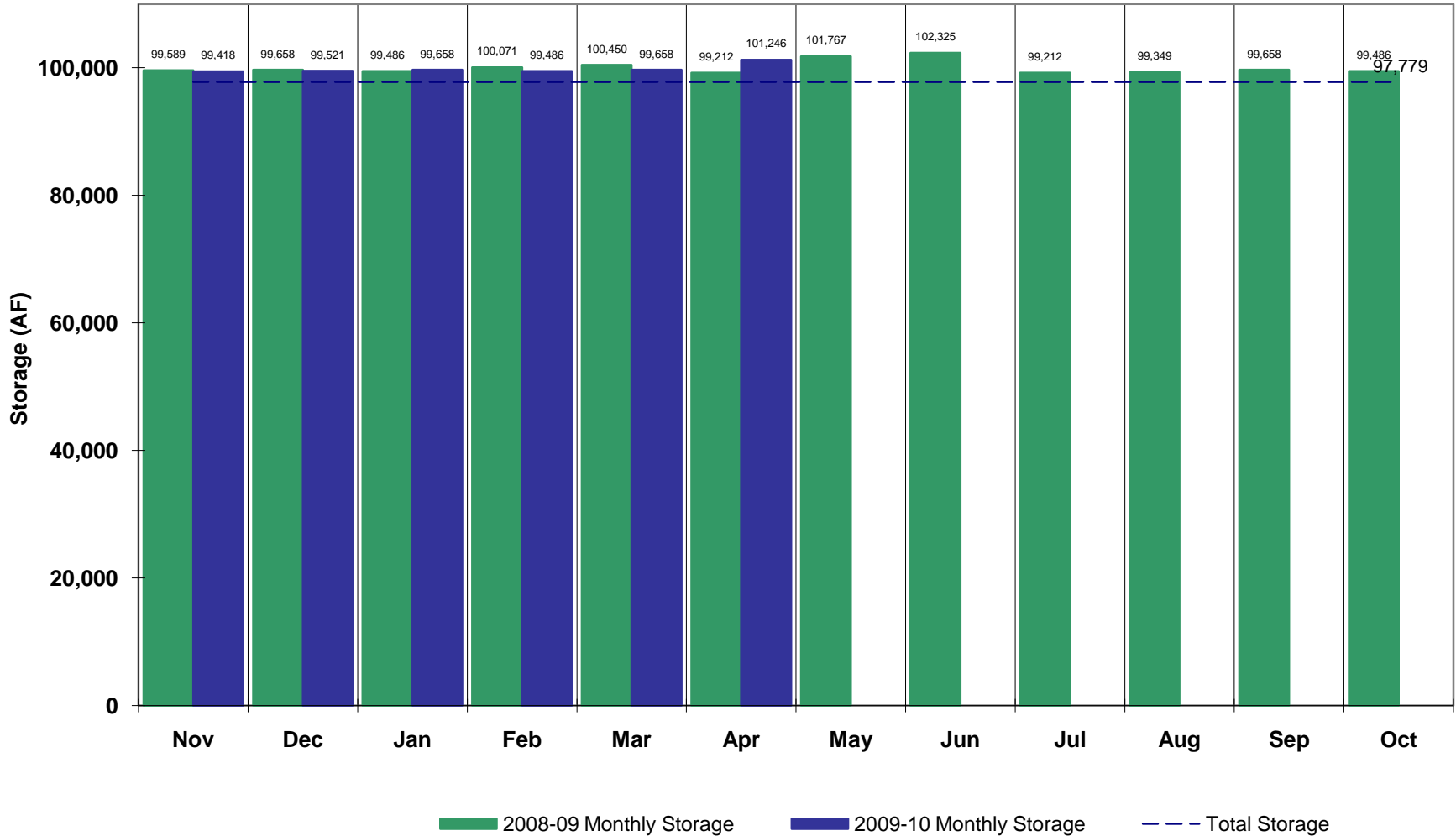
Spinney Mountain Reservoir

(District 23 - Municipal)

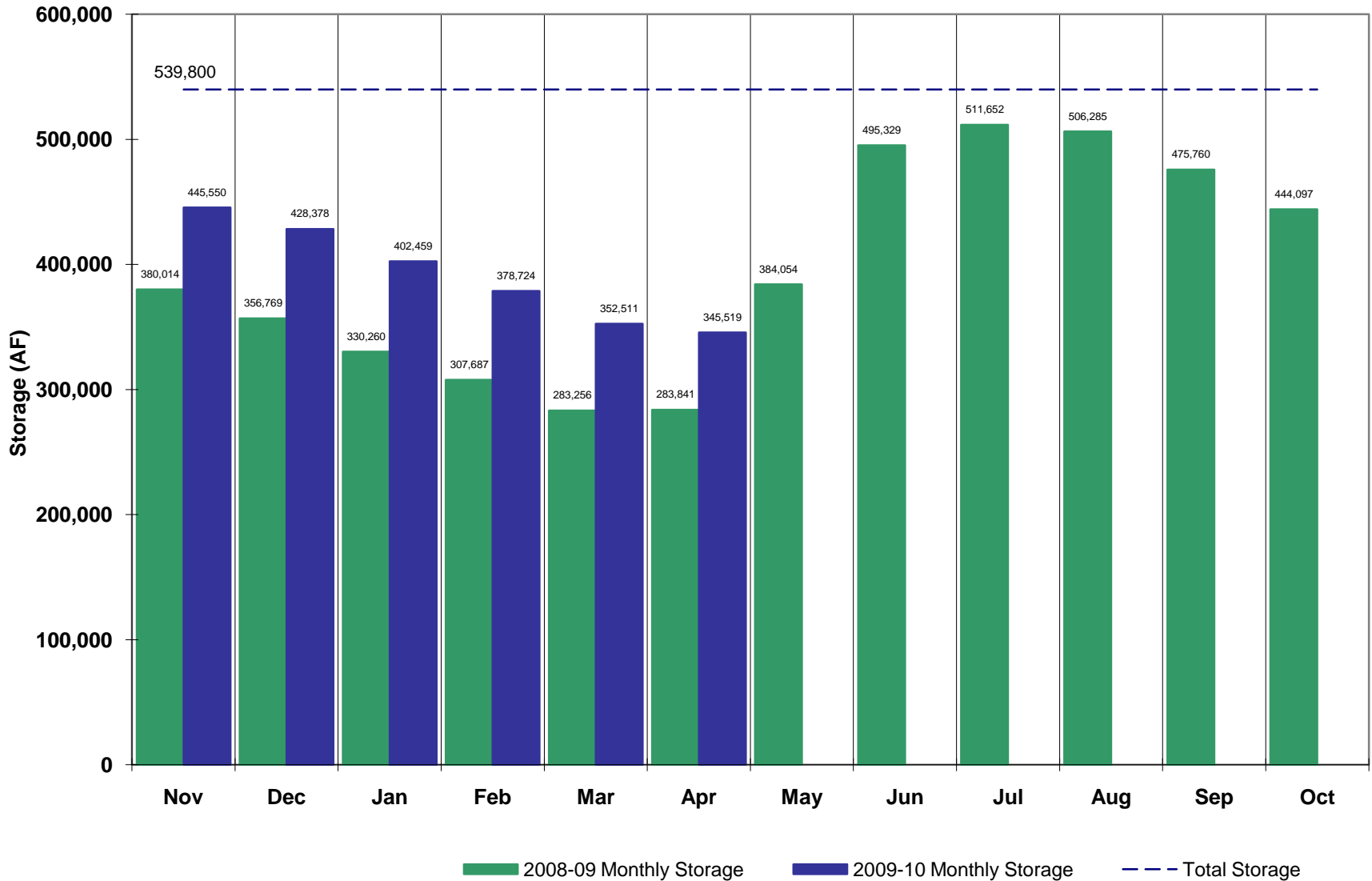


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby





Near Chimney Rock
(photo by: Lee Cunning)