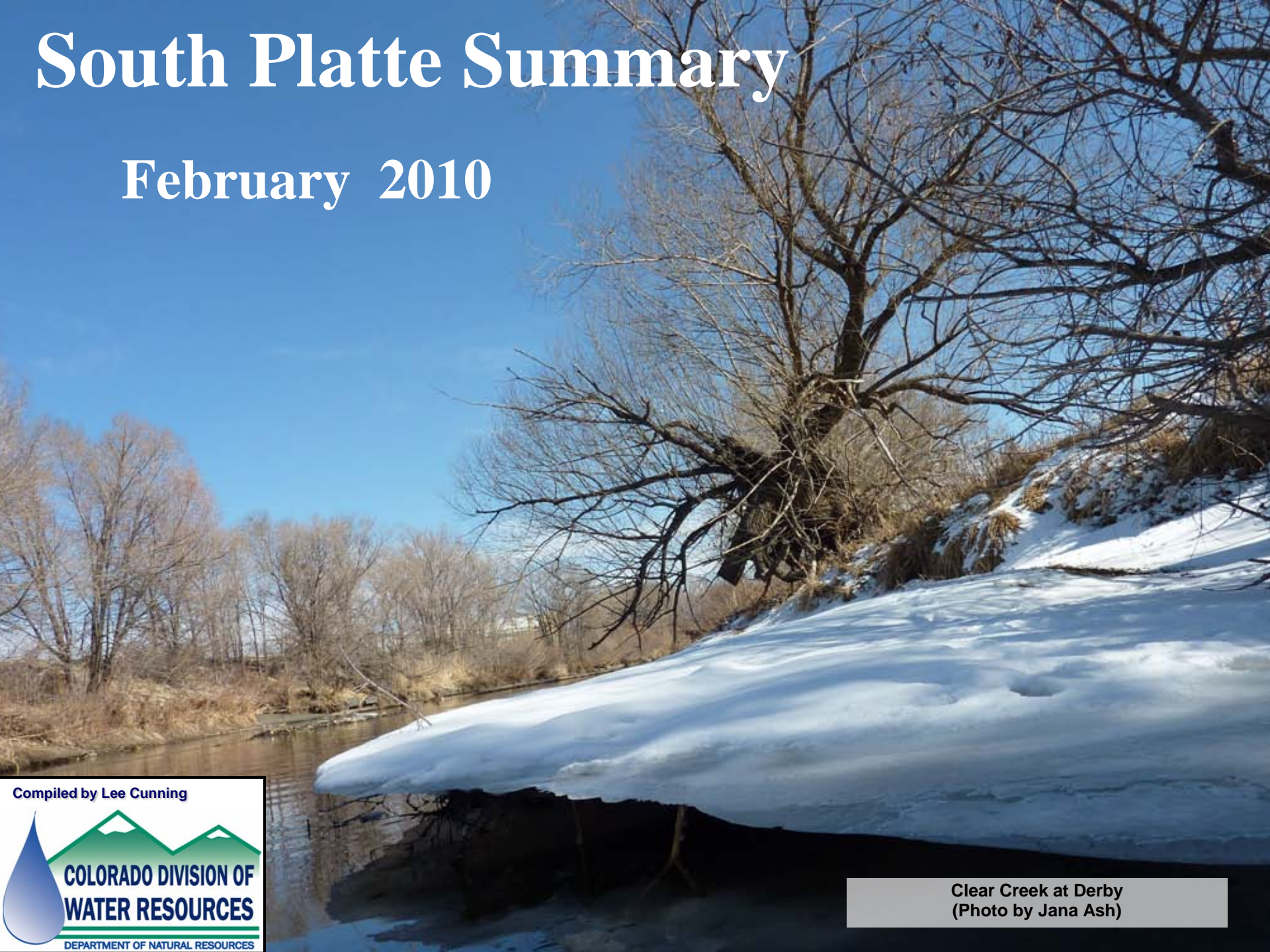


South Platte Summary

February 2010



Compiled by Lee Cunning



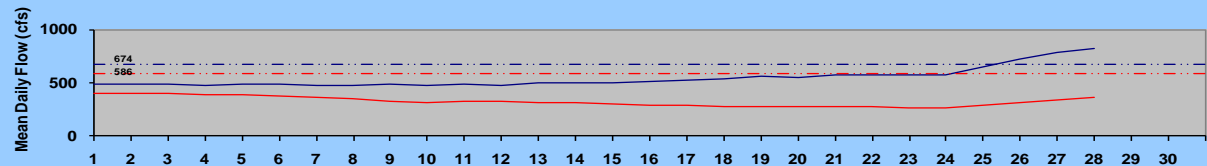
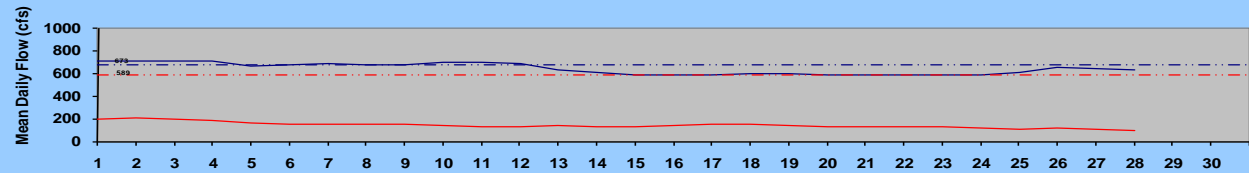
Clear Creek at Derby
(Photo by Jana Ash)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

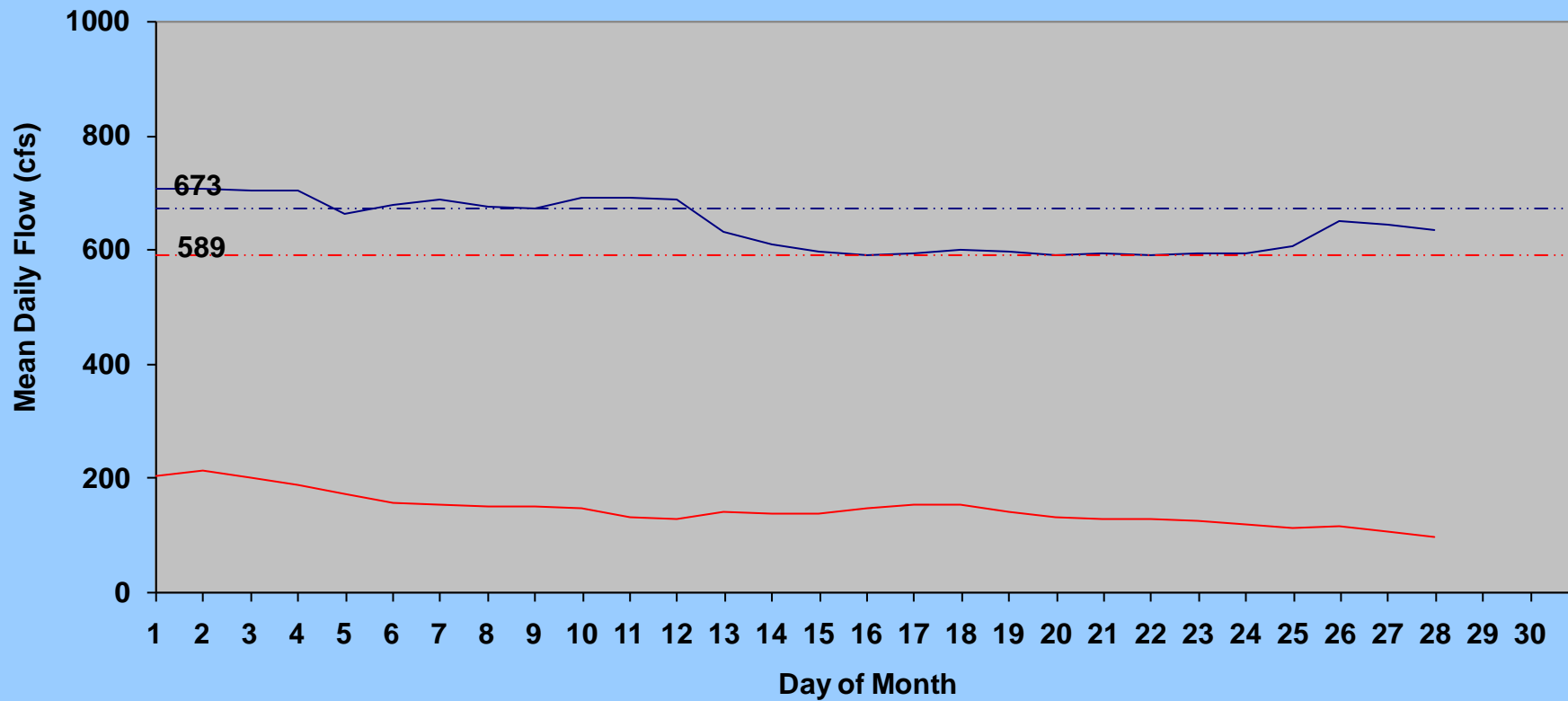
MONTH OF FEBRUARY 2010

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	19,586	19,586	64	0	0%	86%	73%	0
N STERLING	73,730	62,690	74,444	64	11,754	19%	100%	94%	714
PREWITT	28,500	26,540	26,540	64	0	0%	93%	74%	0
JACKSON	27,257	24,115	25,170	1	1,055	4%	92%	90%	0
EMPIRE	37,700	31,154	37,348	1	6,194	20%	99%	97%	0
RIVERSIDE	63,113	45,186	57,525	1	12,339	27%	91%	80%	0
BARR LAKE	31,652	26,205	28,199	2	1,994	8%	89%	72%	0
CHEESMAN	79,064	62,773	58,617	80	-4,156	-7%	74%	88%	0
ELEVEN MILE	97,779	99,658	99,486	23	-172	0%	100%	100%	1,707
SPINNEY	53,651	39,061	38,658	23	-403	-1%	72%	85%	0
ANTERO	20,015	19,993	20,081	23	88	0%	100%	100%	66

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	542
JULESBURG	328
THIS MONTH LAST YEAR	
KERSEY	637
JULESBURG	146
MEAN FOR PERIOD OF RECORD*	
KERSEY	674
JULESBURG	586
* 1901-2008	
1902-2008	

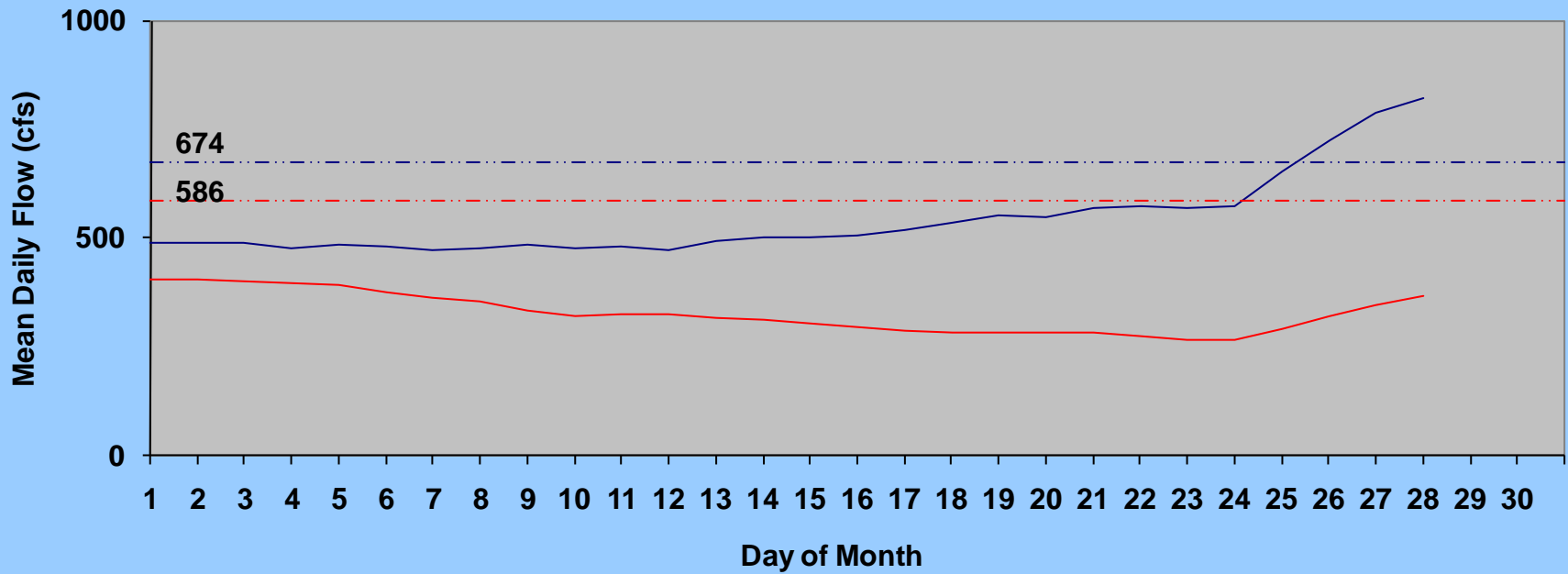


SOUTH PLATTE RIVER FEBRUARY 2009



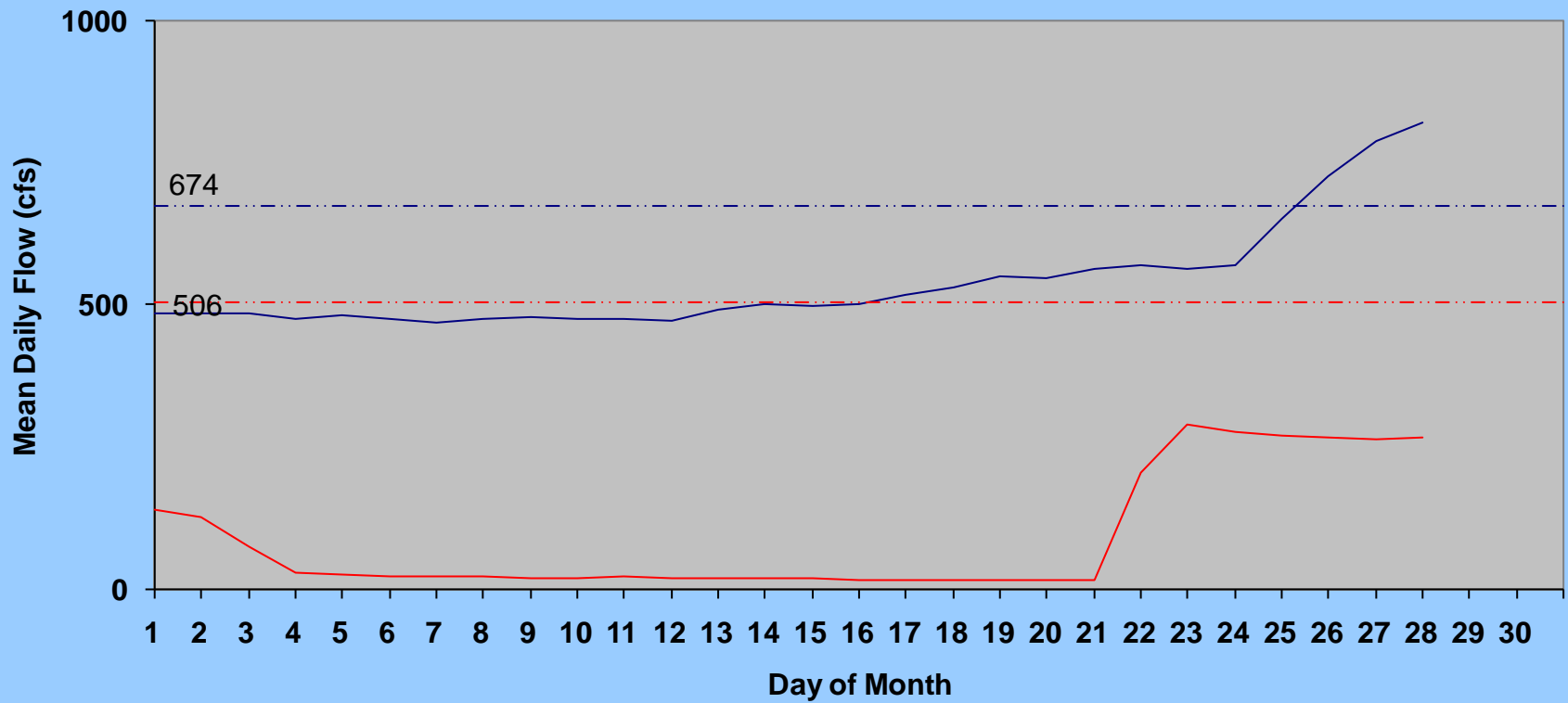
— Kersey — Julesburg - · - · Kersey 1901-2007 Avg. - · - · Julesburg 1902-2007 Avg.

SOUTH PLATTE RIVER FEBRUARY 2010



— Kersey — Julesburg - - - Kersey 1901-2008 Avg. - - - Julesburg 1902-2008 Avg.

KERSEY and BALZAC FEBRUARY 2010



— Kersey — Balzac -·-·- Kersey 1901-2008 Avg. -·-·- Balzac 1917-2008 Avg.

South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey

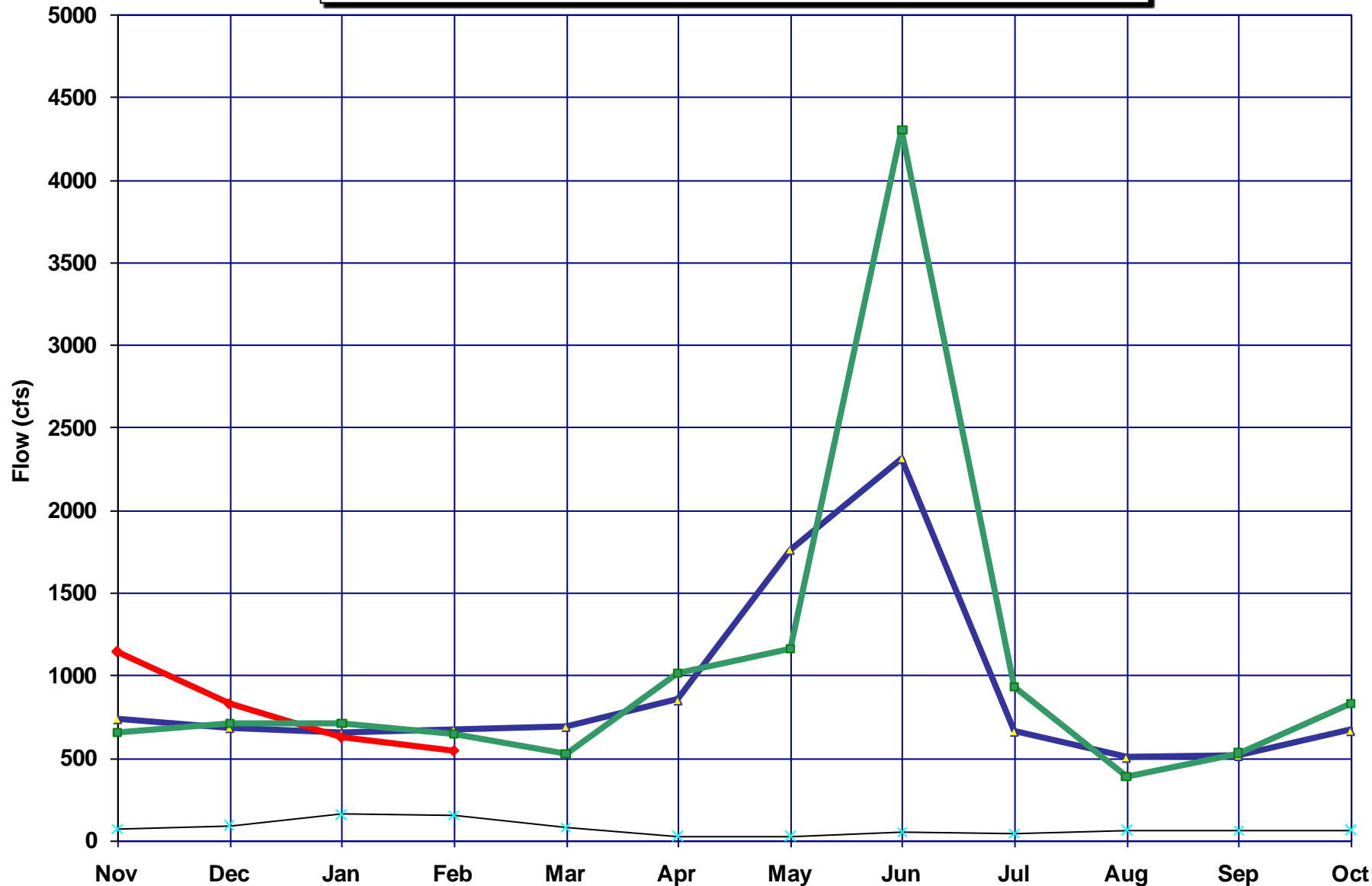
South Platte River at Julesburg

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		Mar	531	12900	1910	15	1904	
Apr	850	18100	1942	28	1955		Apr	529	14400	1942	4.0	1904	
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 1901-2008							*Period of record 1902-2008						

Clear Creek at Derby
(Photo by Jana Ash)

South Platte River at Kersey

Irrigation Water Year

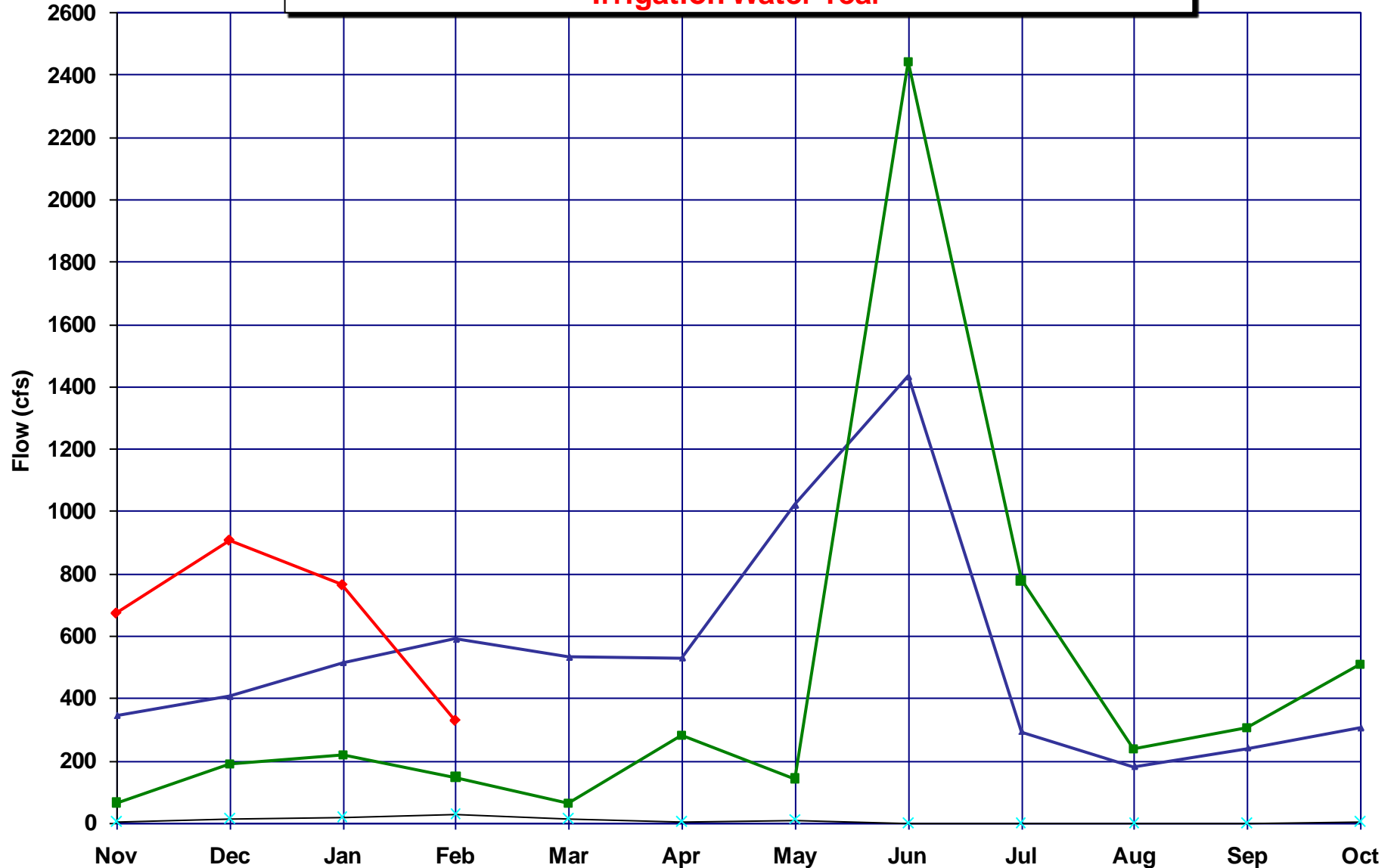


Historic* Mean Flow Historic* Min Flow 2009-2010 Mean Flow 2008-2009 Mean Flow

*1901-2008

South Platte River at Julesburg

Irrigation Water Year



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

*1902-2008

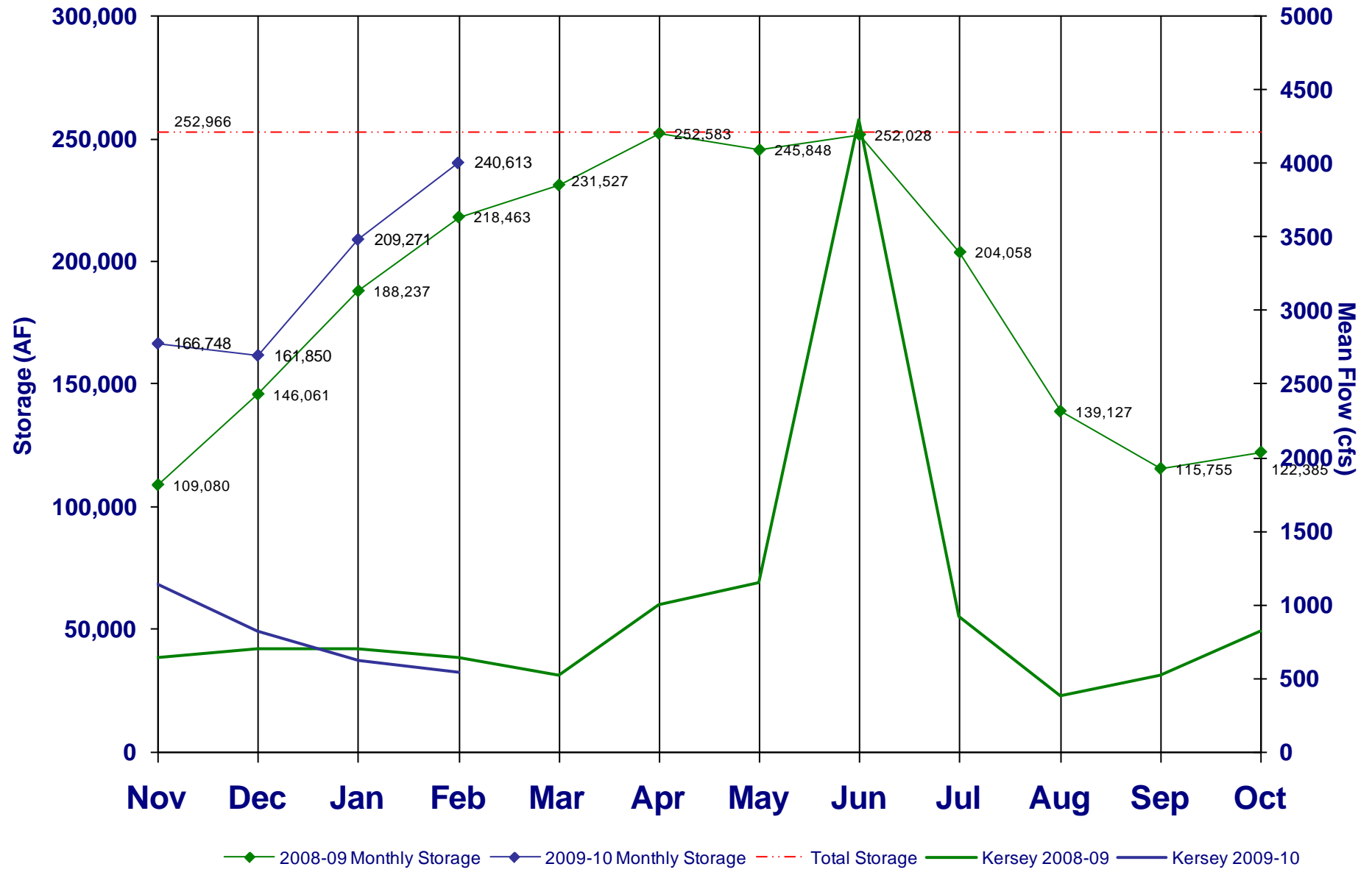
**Next four slides show Reservoir Storage
below and above Kersey**



South Platte River at Waterton
(Photo by Jana Ash)

Reservoir Storage below Kersey

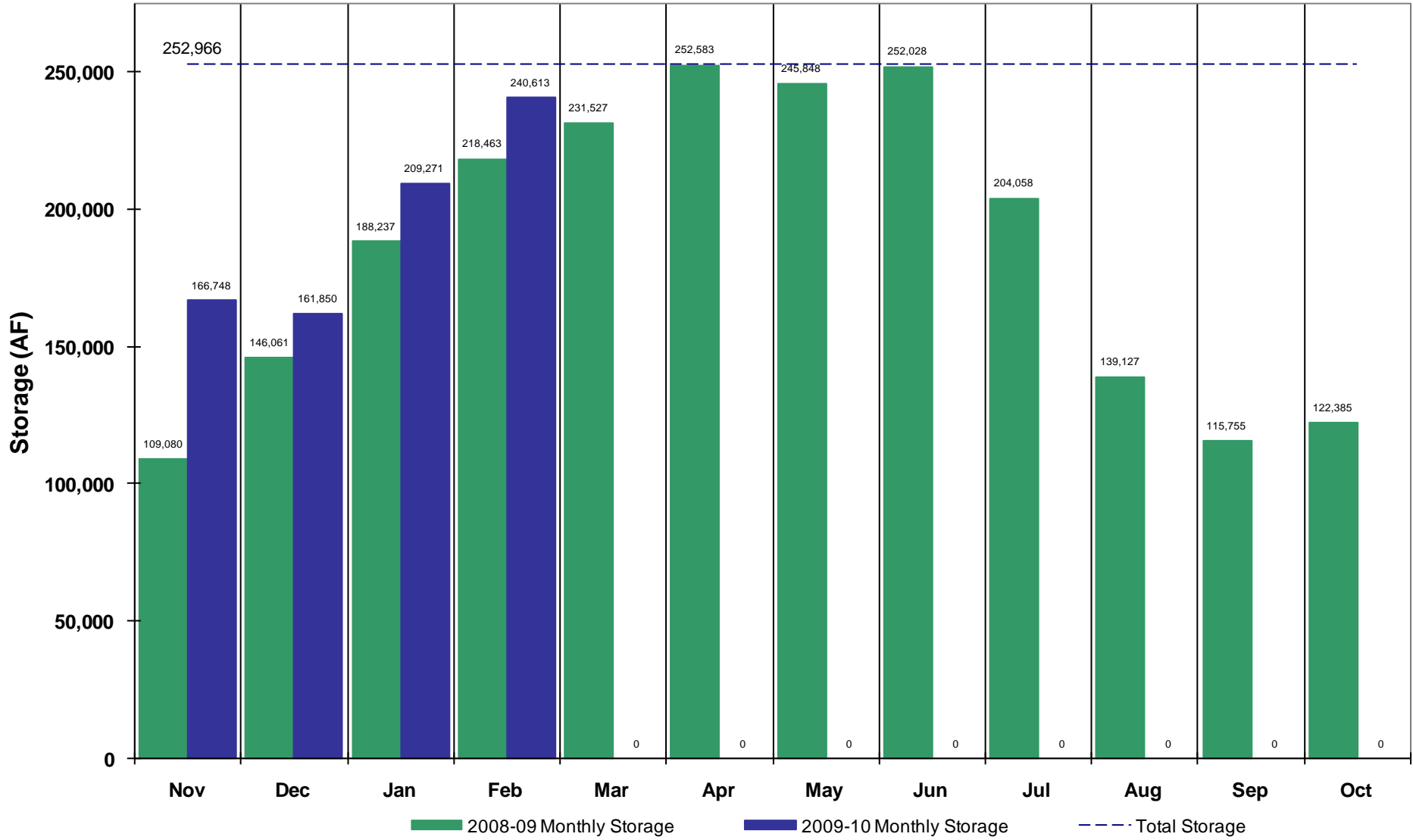
Selected Reservoirs*



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

South Platte Reservoirs

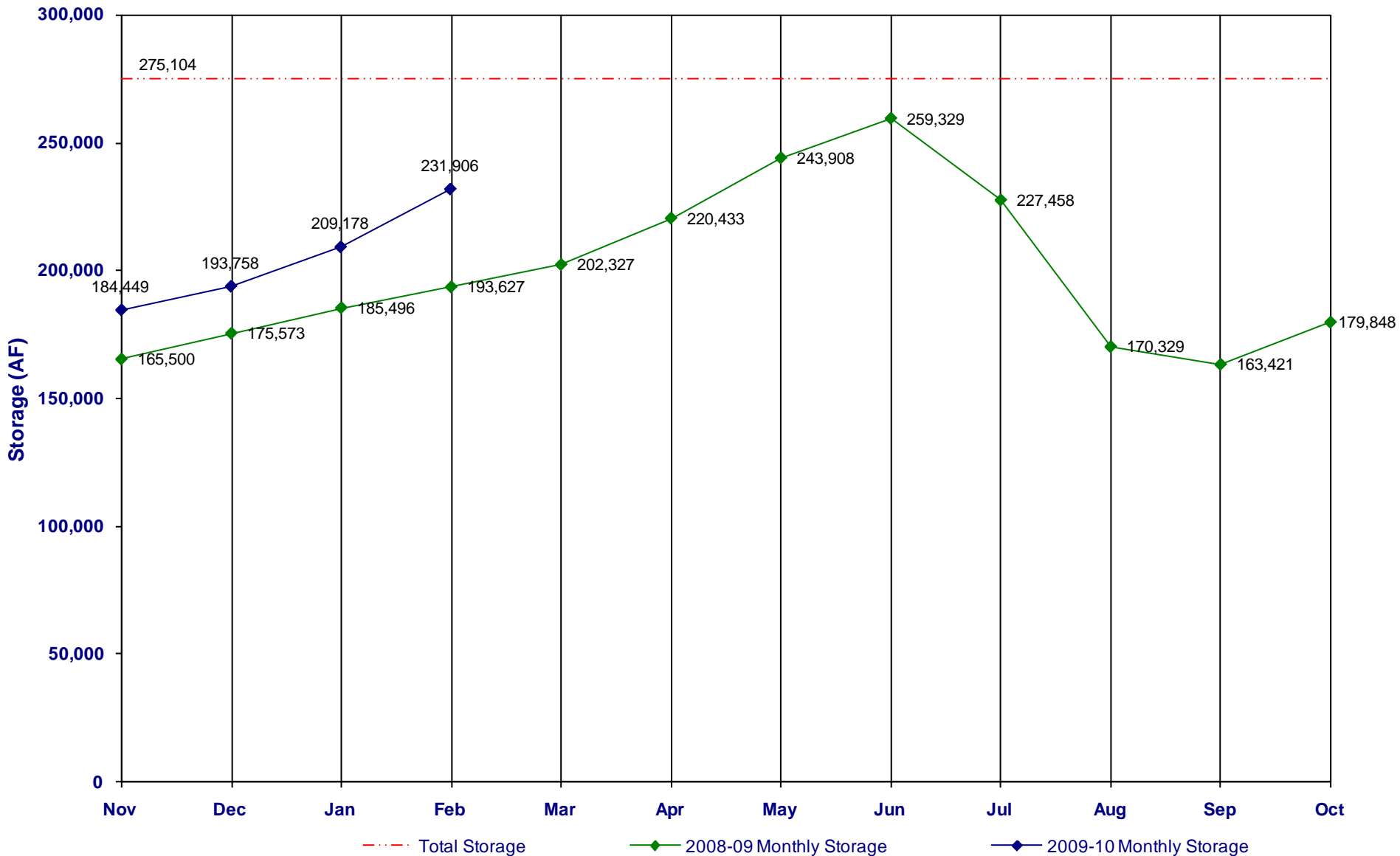
Storage below Kersey*



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

Reservoir Storage above Kersey

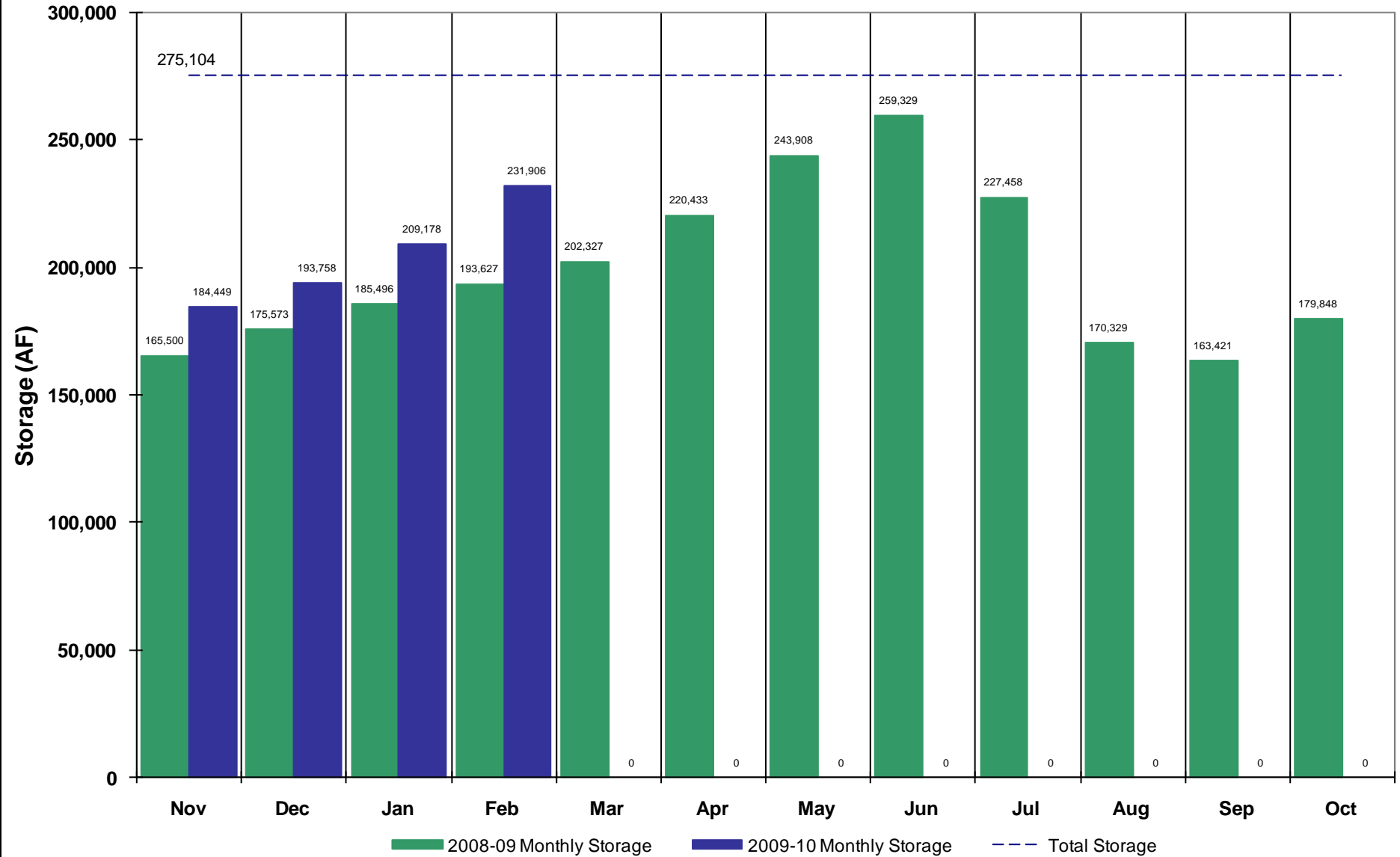
Selected Reservoirs*



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

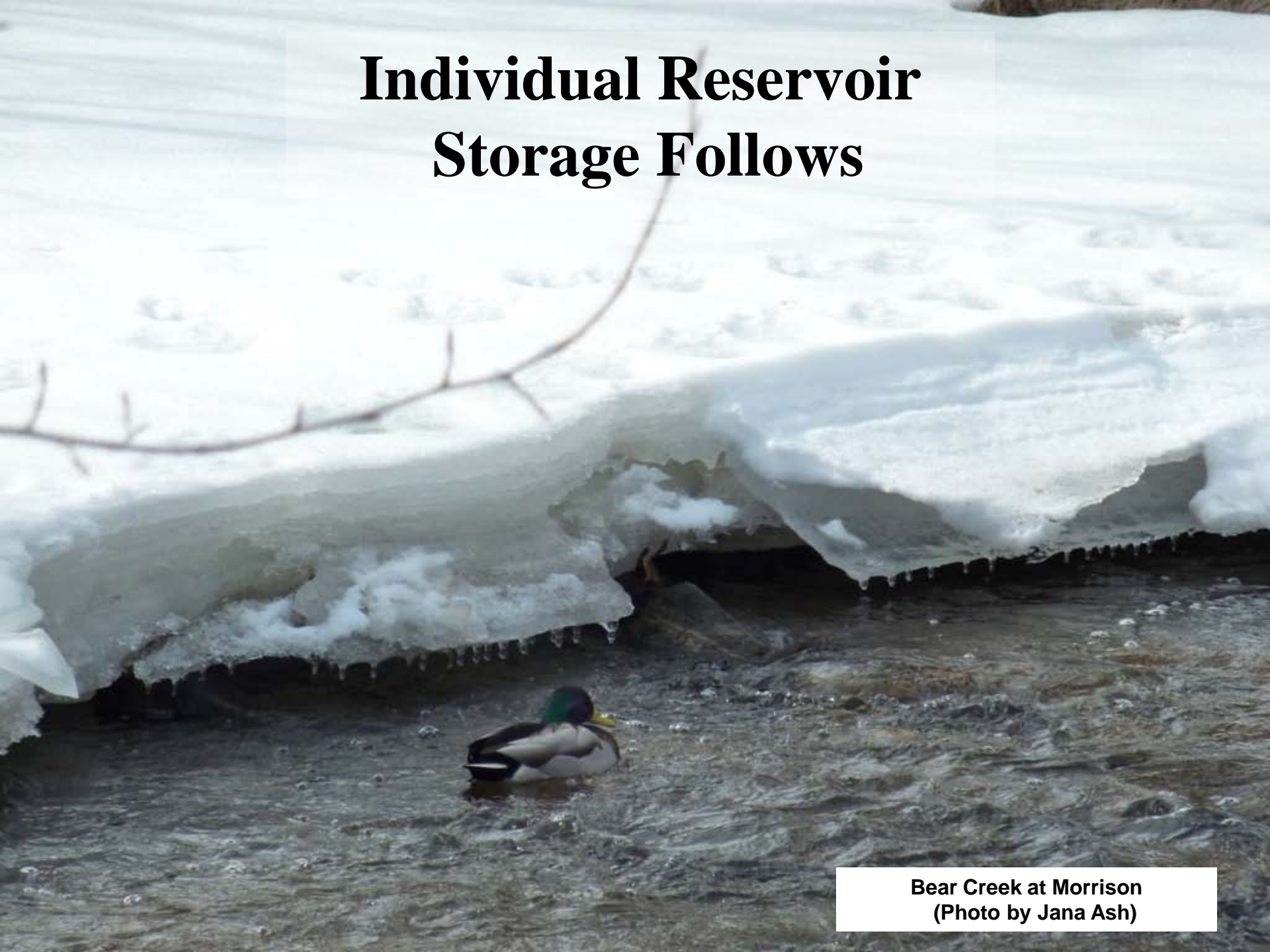
South Platte Reservoirs

Storage above Kersey*



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

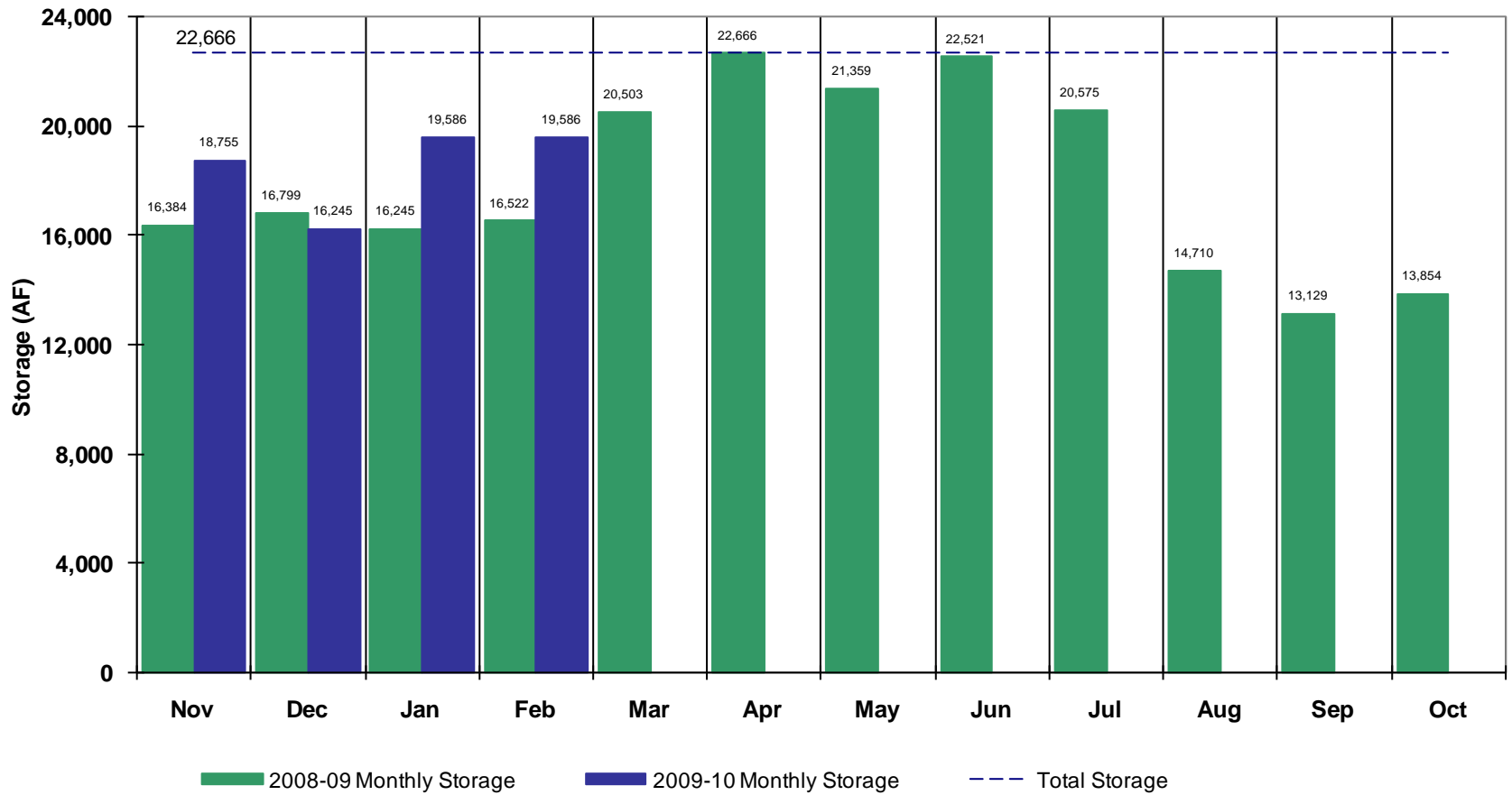
Individual Reservoir Storage Follows



**Bear Creek at Morrison
(Photo by Jana Ash)**

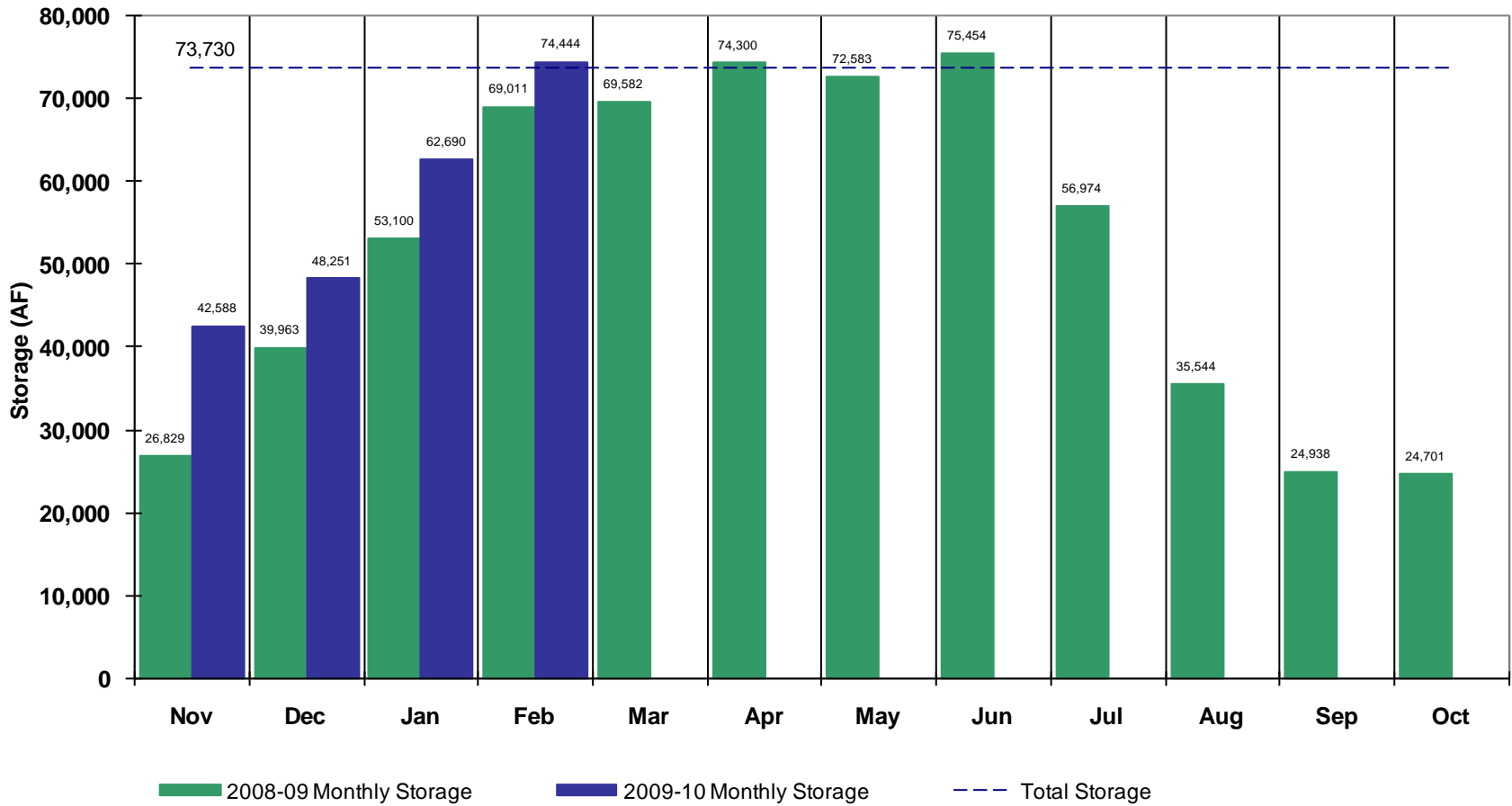
Julesburg Reservoir

(District 64 - Agricultural)



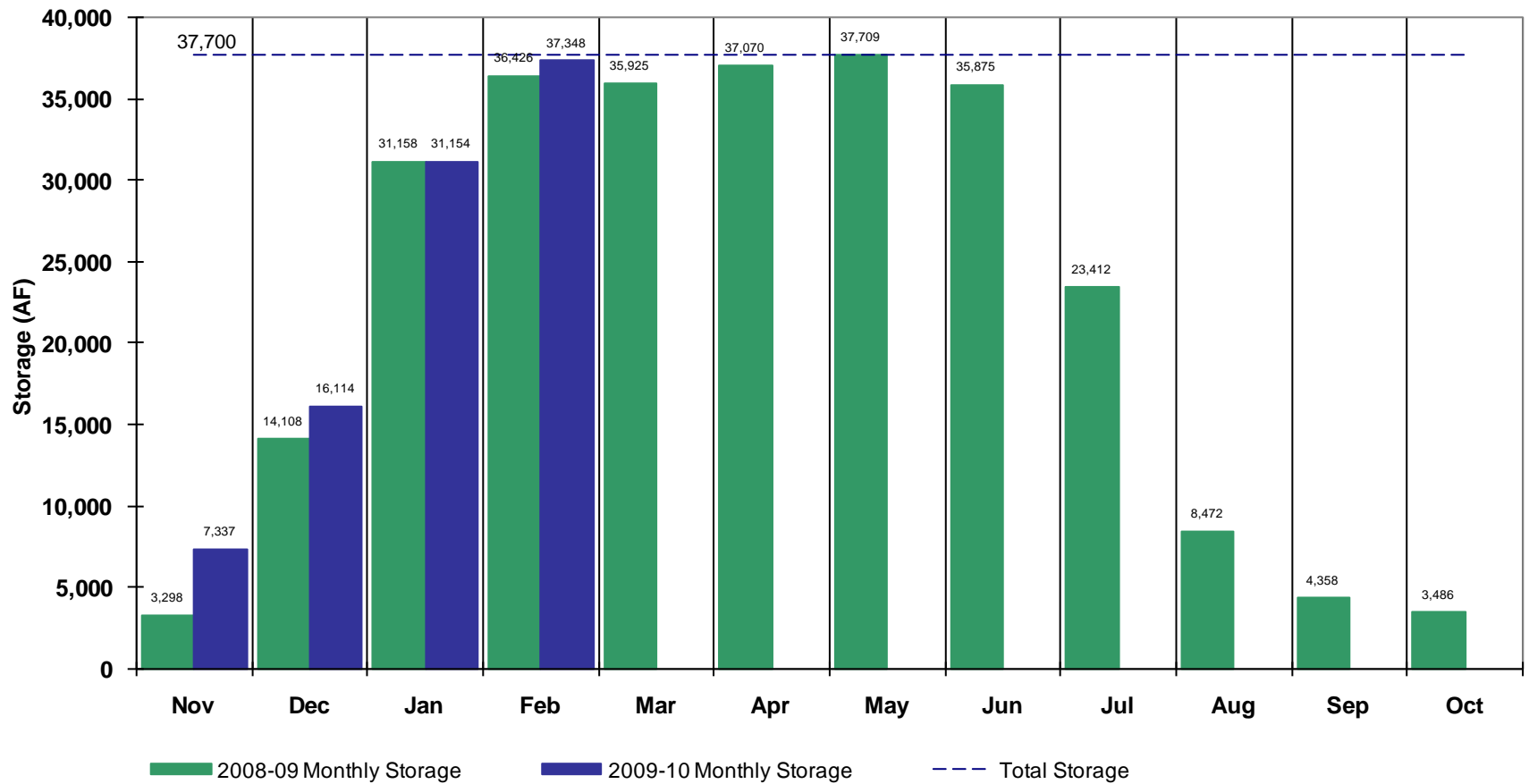
North Sterling Reservoir

(District 64- Agricultural)



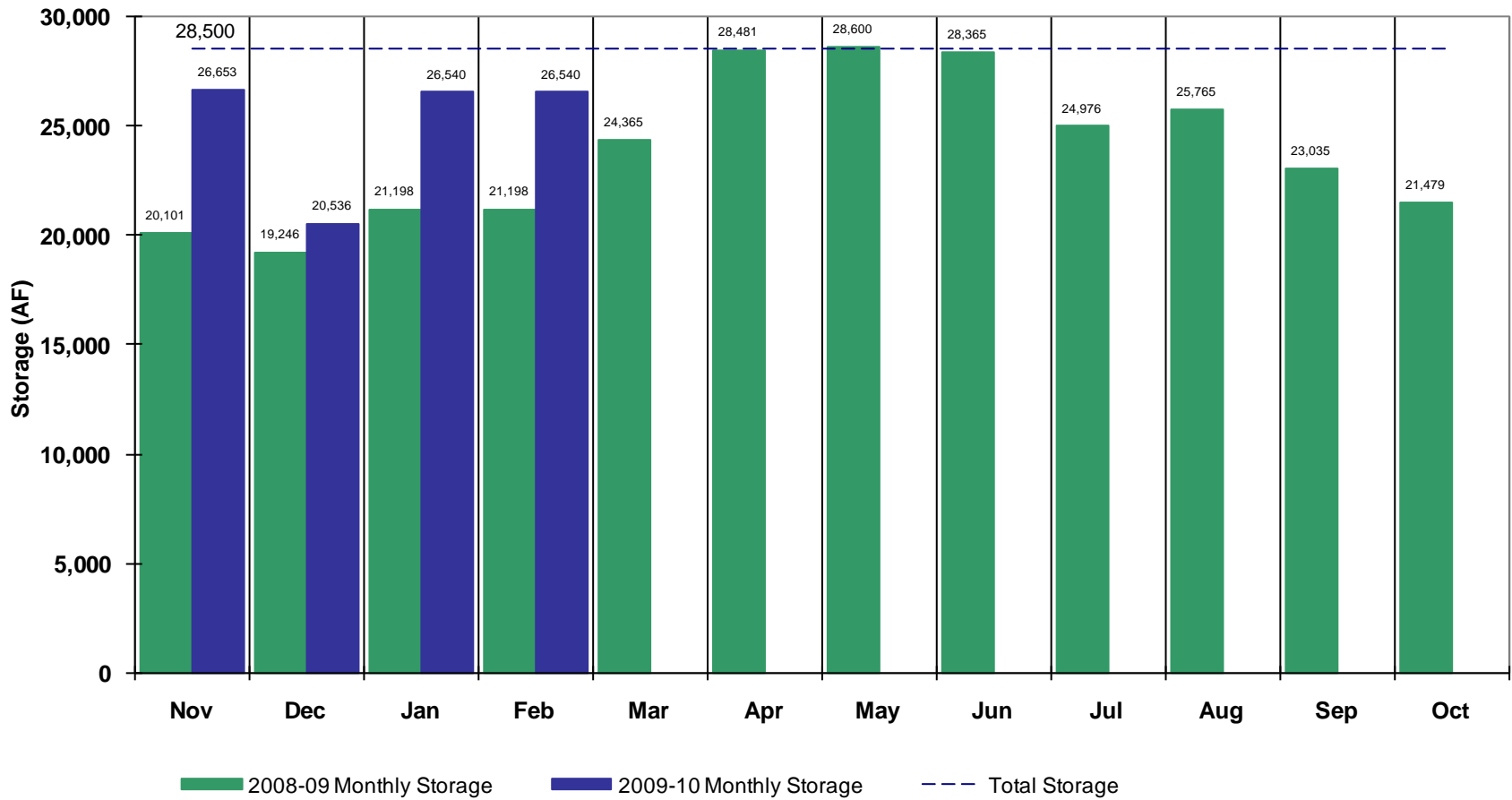
Empire Reservoir

(District 1- Agricultural)



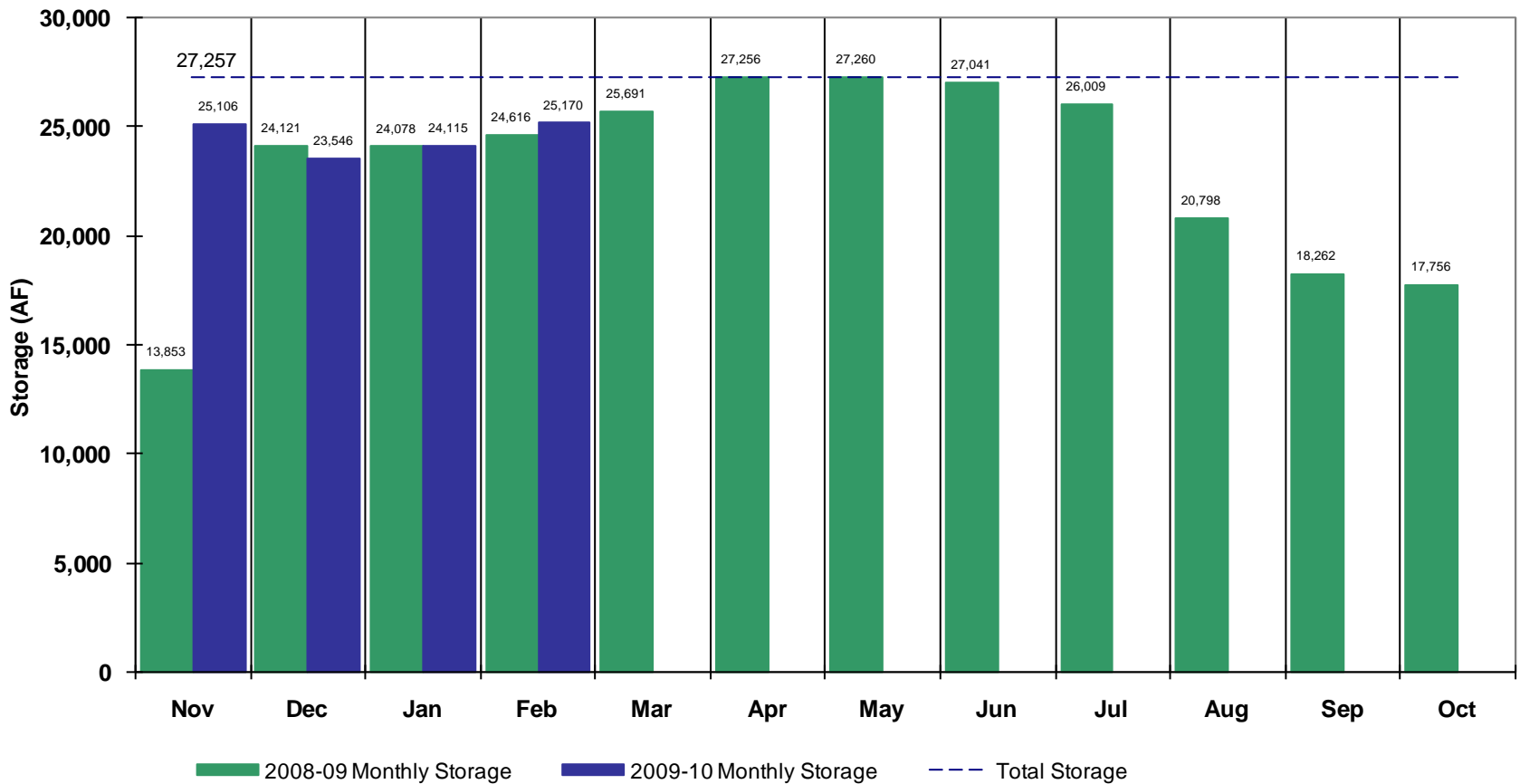
Prewitt Reservoir

(District 64- Agricultural)



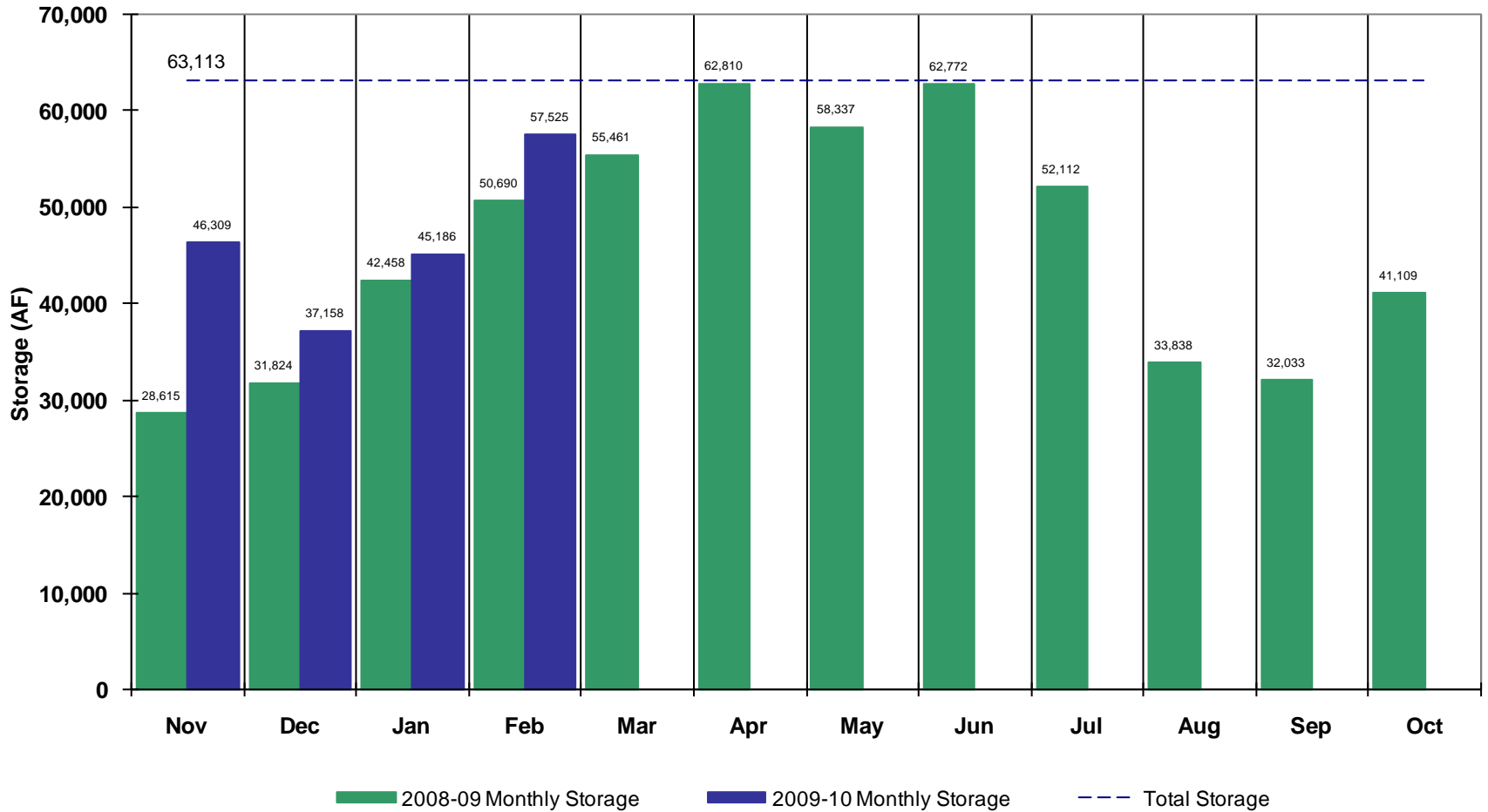
Jackson Reservoir

(District 1- Agricultural)



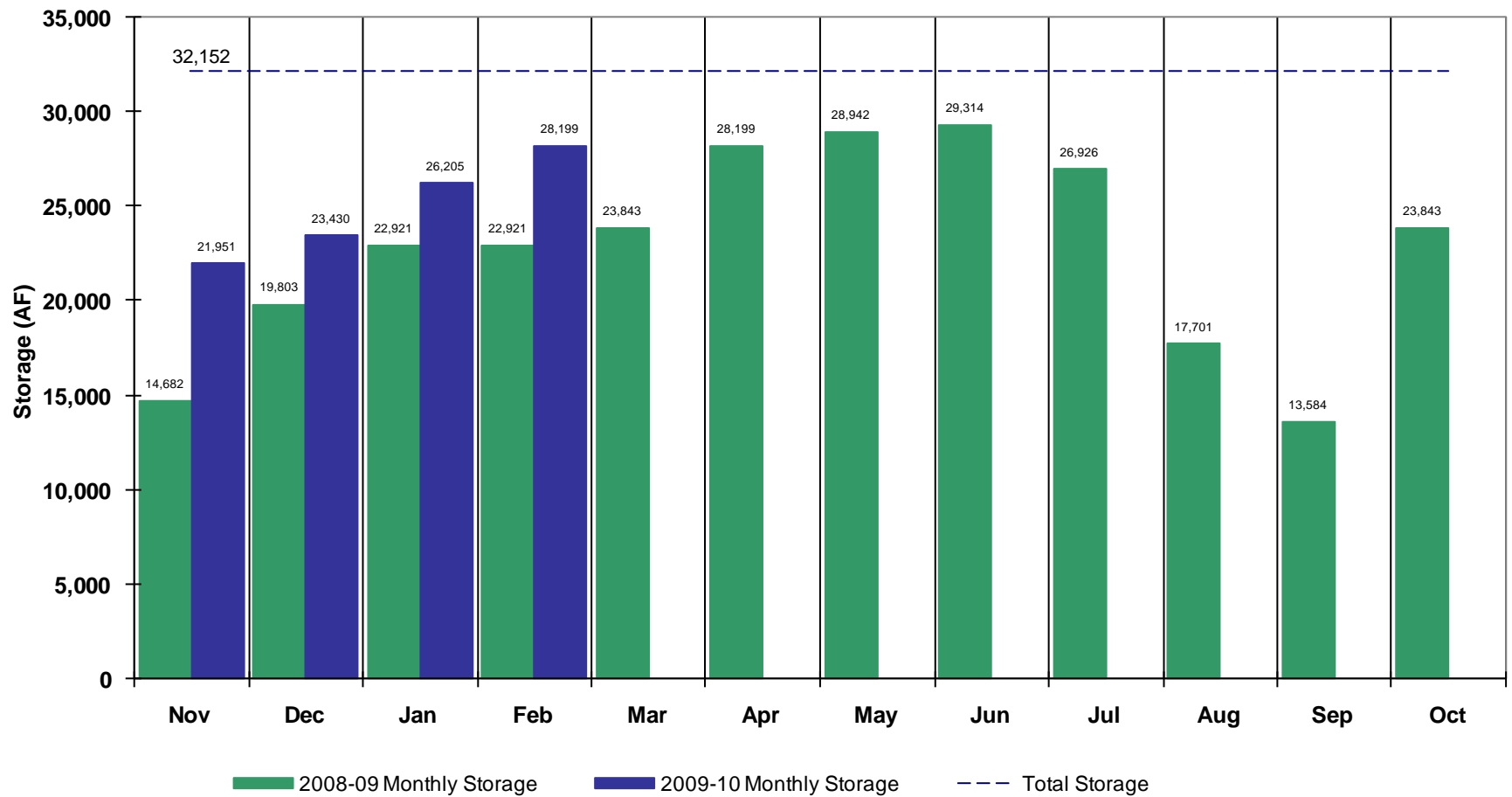
Riverside Reservoir

(District 1 - Agricultural)



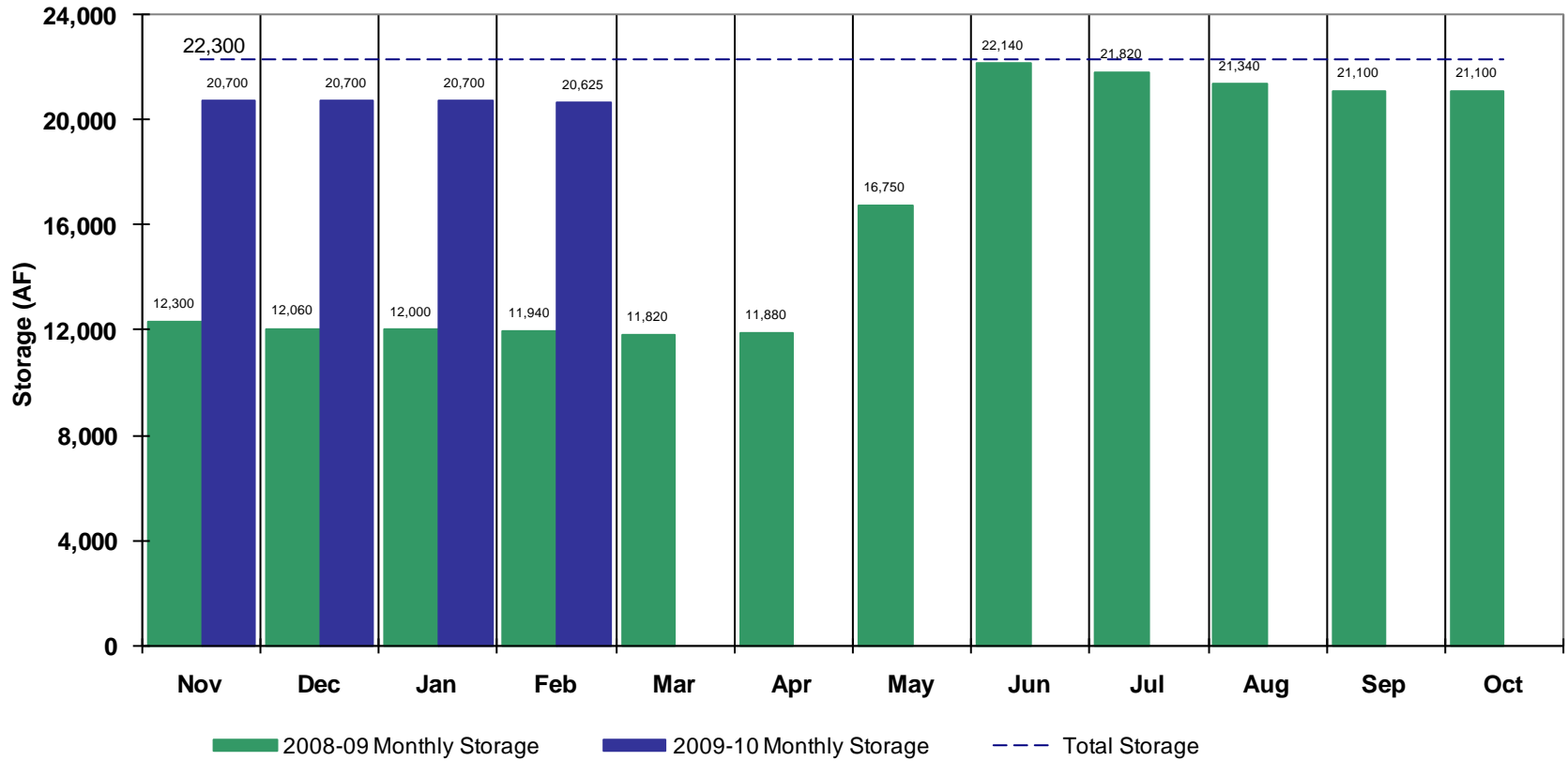
Barr Lake

(District 2 - Agricultural)



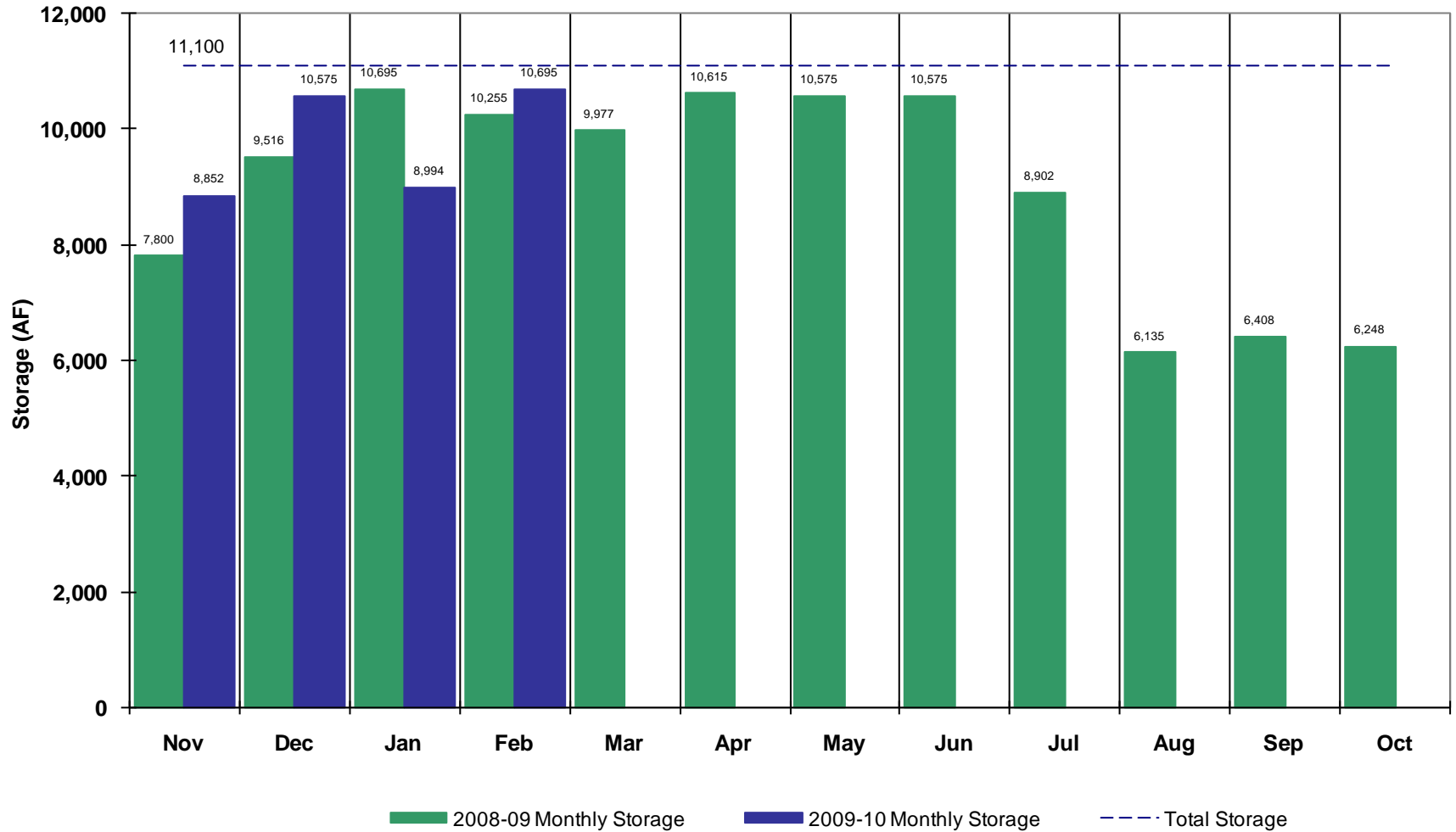
Cobb Lake

(District 3, Poudre River - Agricultural)



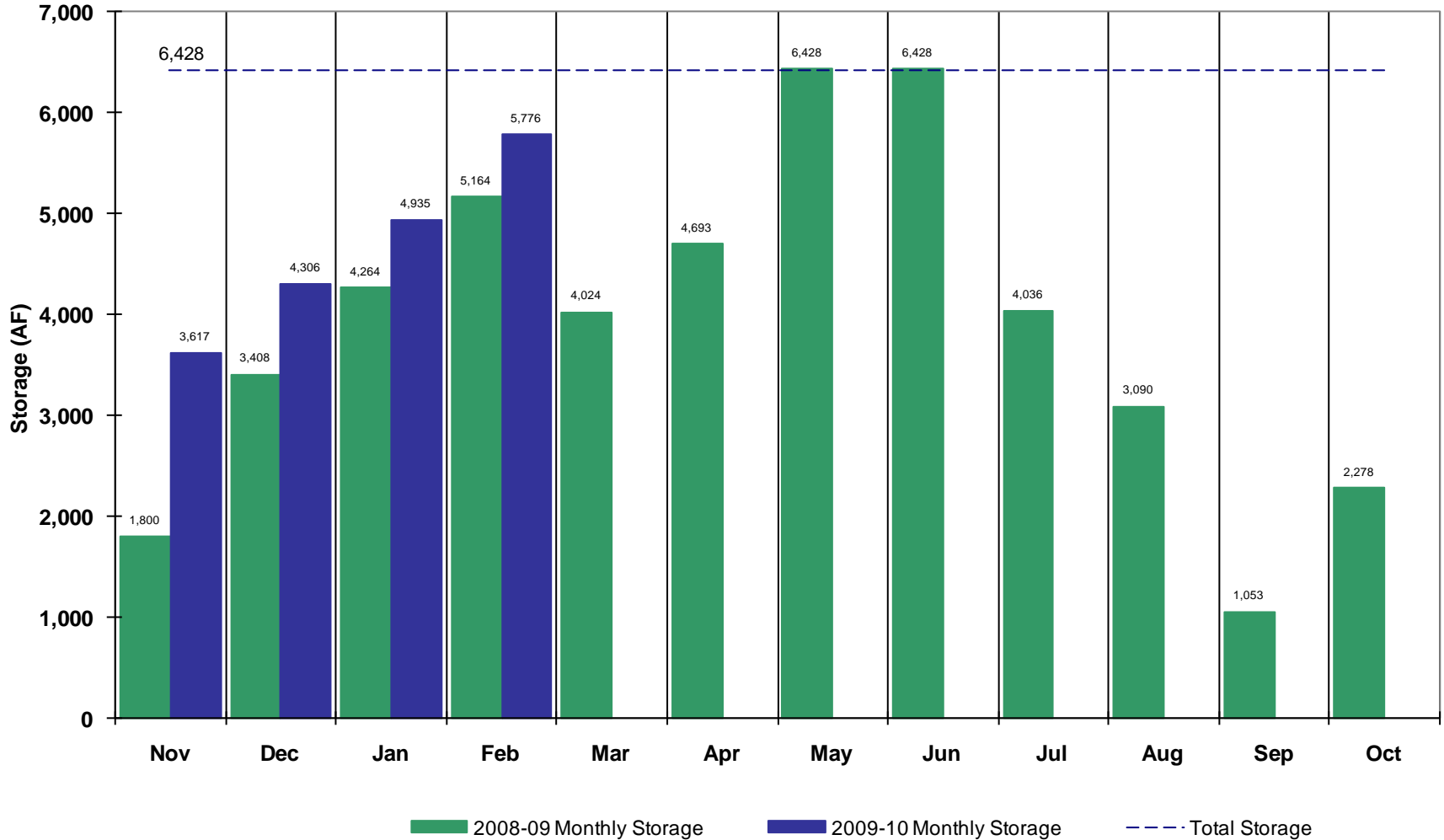
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



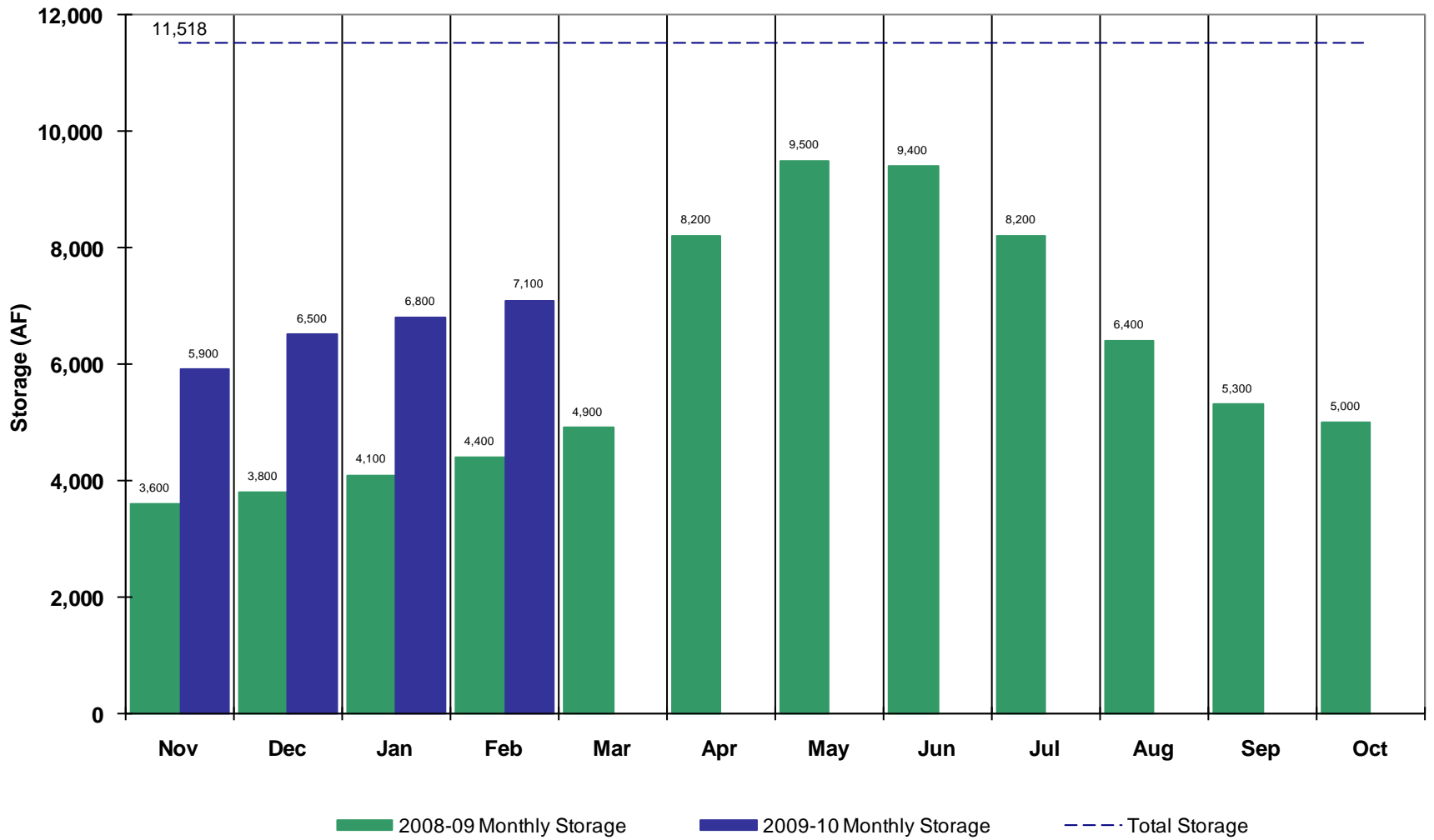
Halligan Reservoir

(District 3, Poudre River - Agricultural)



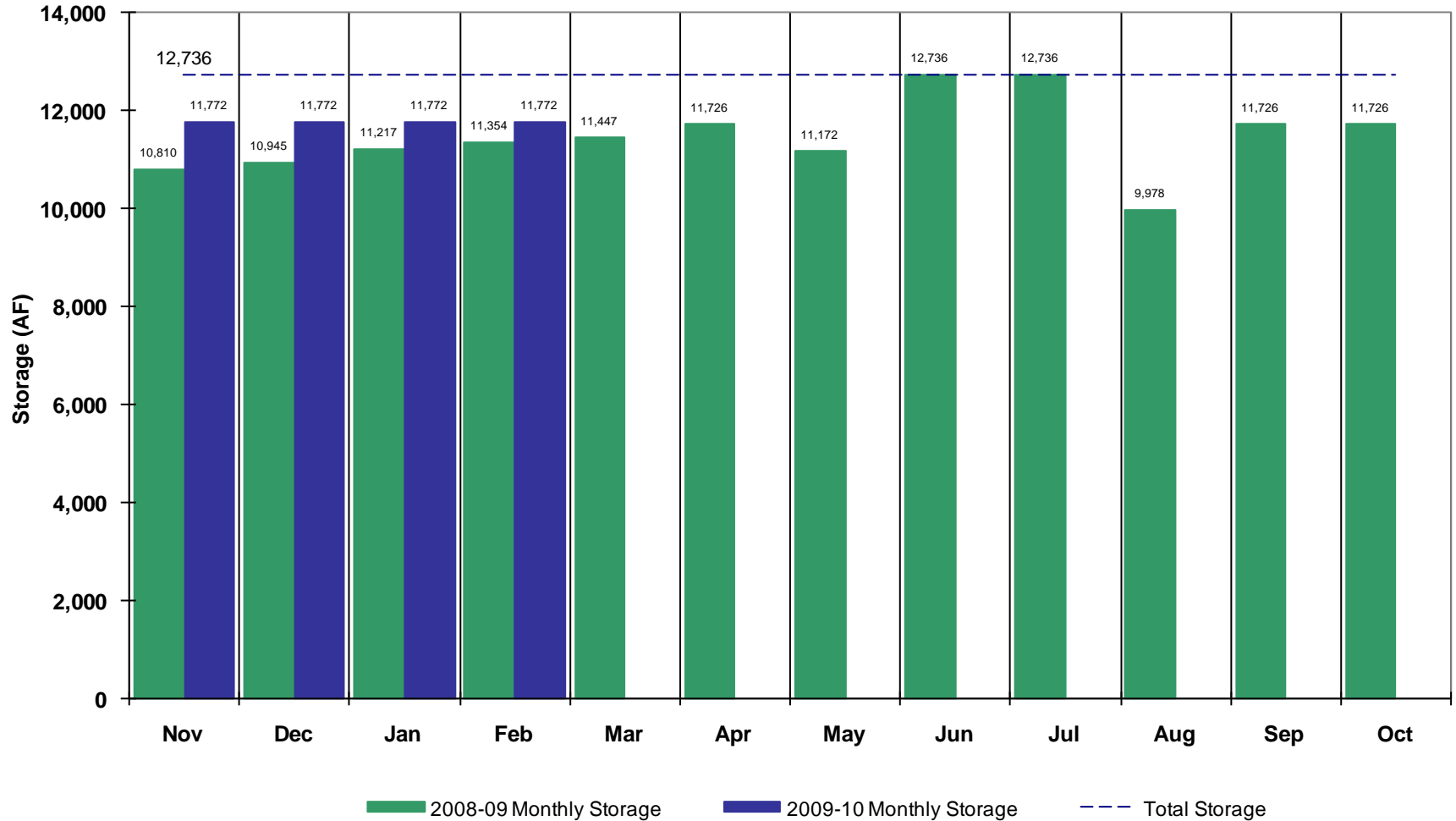
Marshall Lake

(District 6, Boulder Creek - Agricultural)



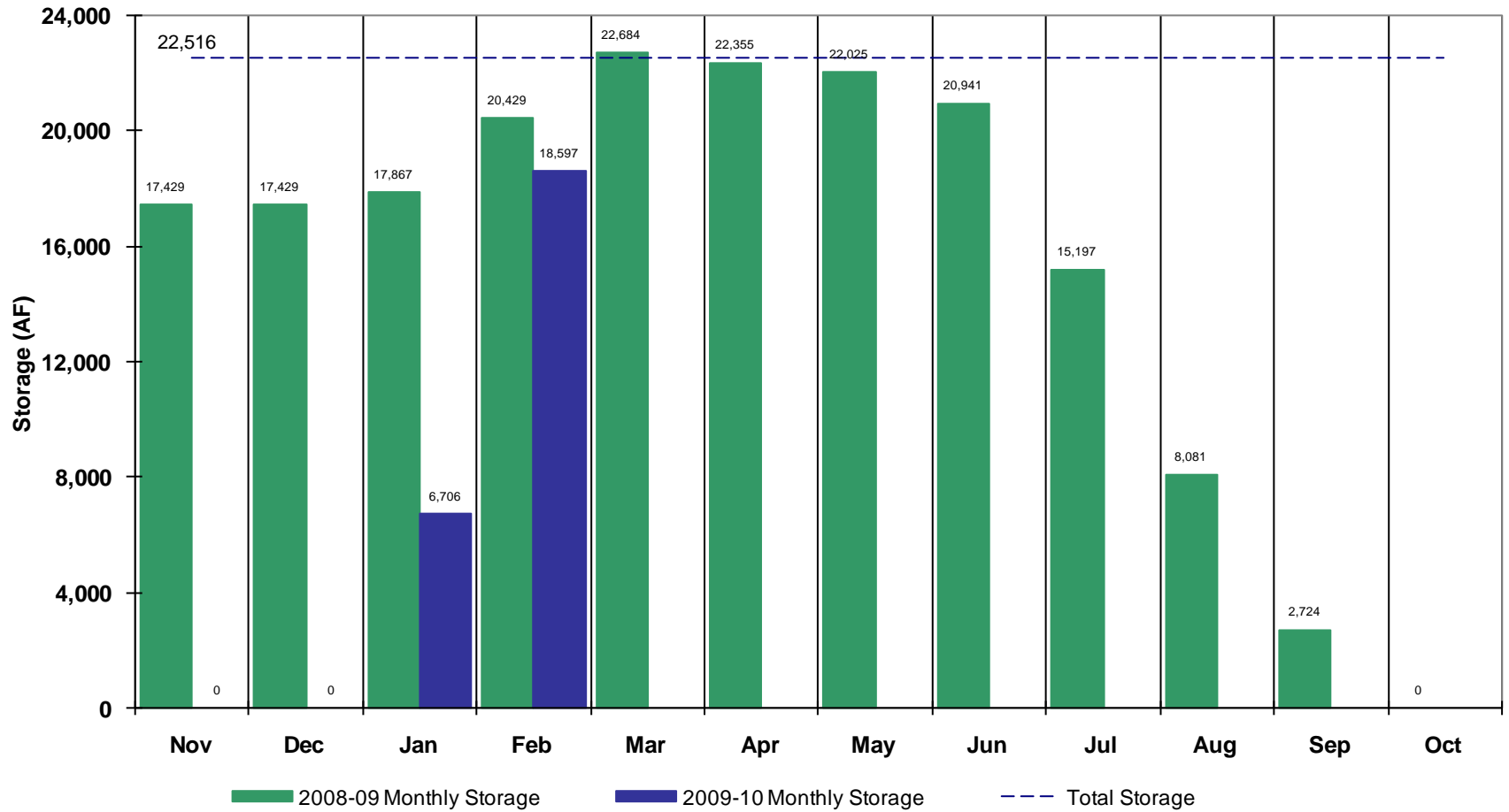
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



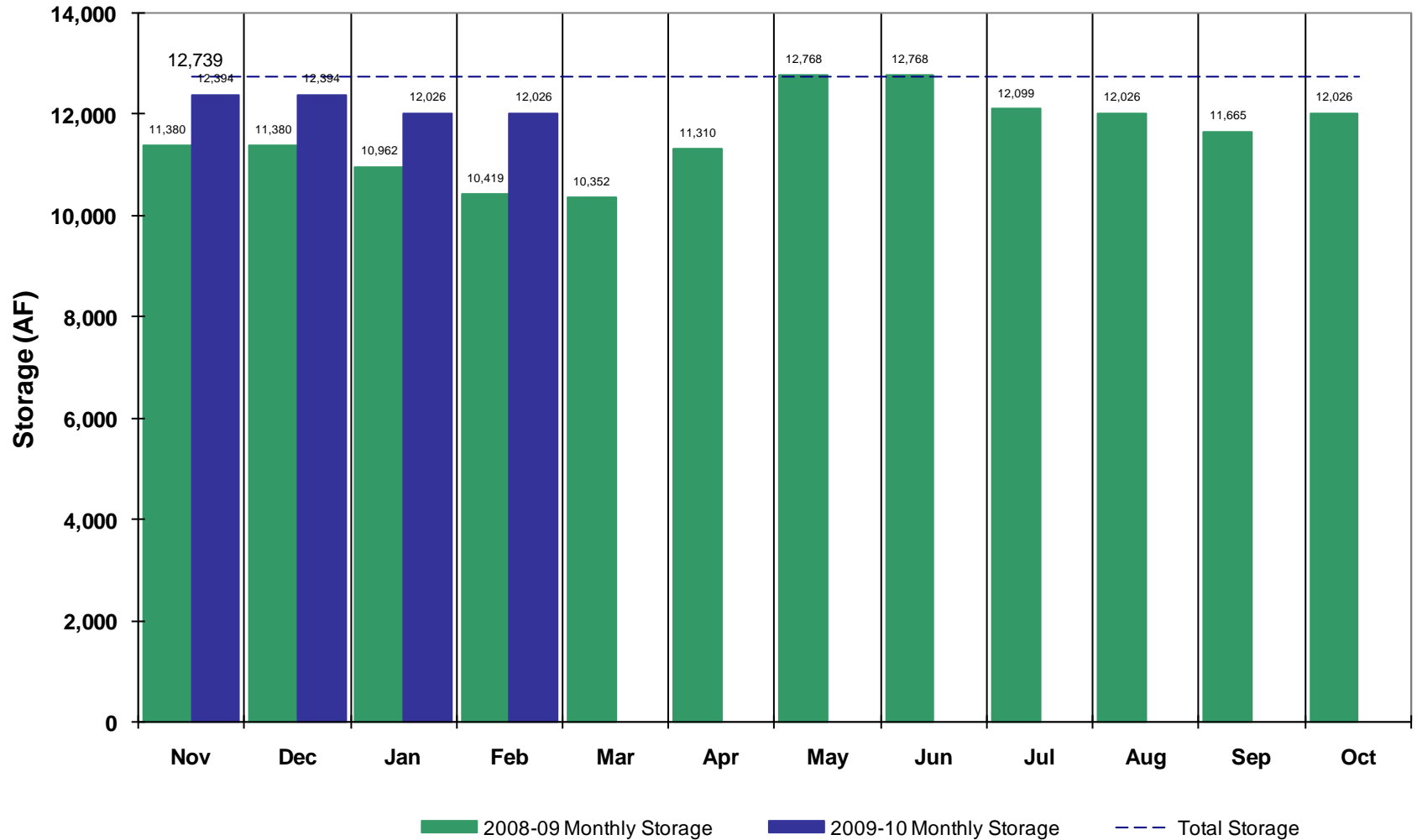
Milton Reservoir

(District 2 - Agricultural)

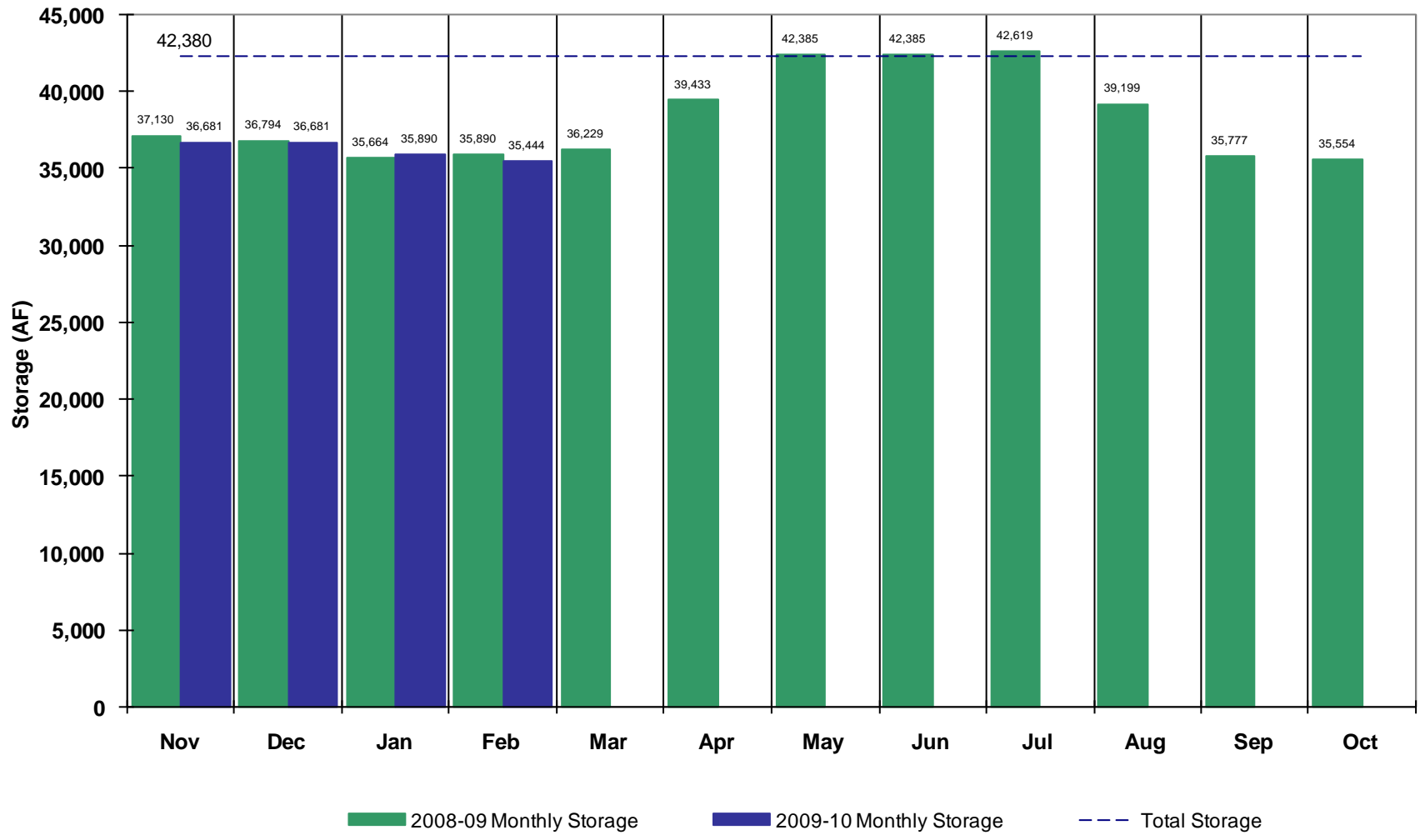


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

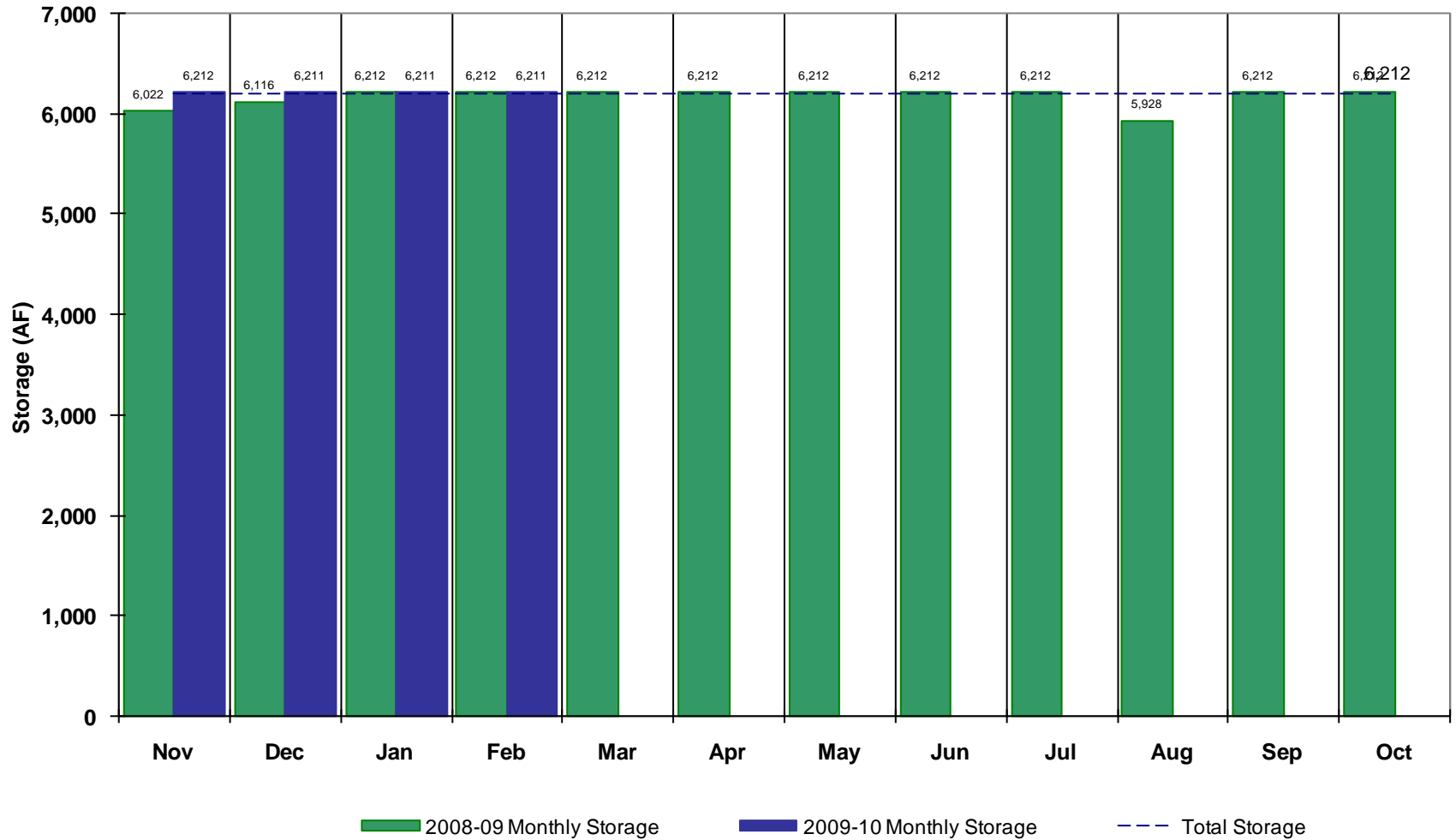


Standley Lake (Agricultural)



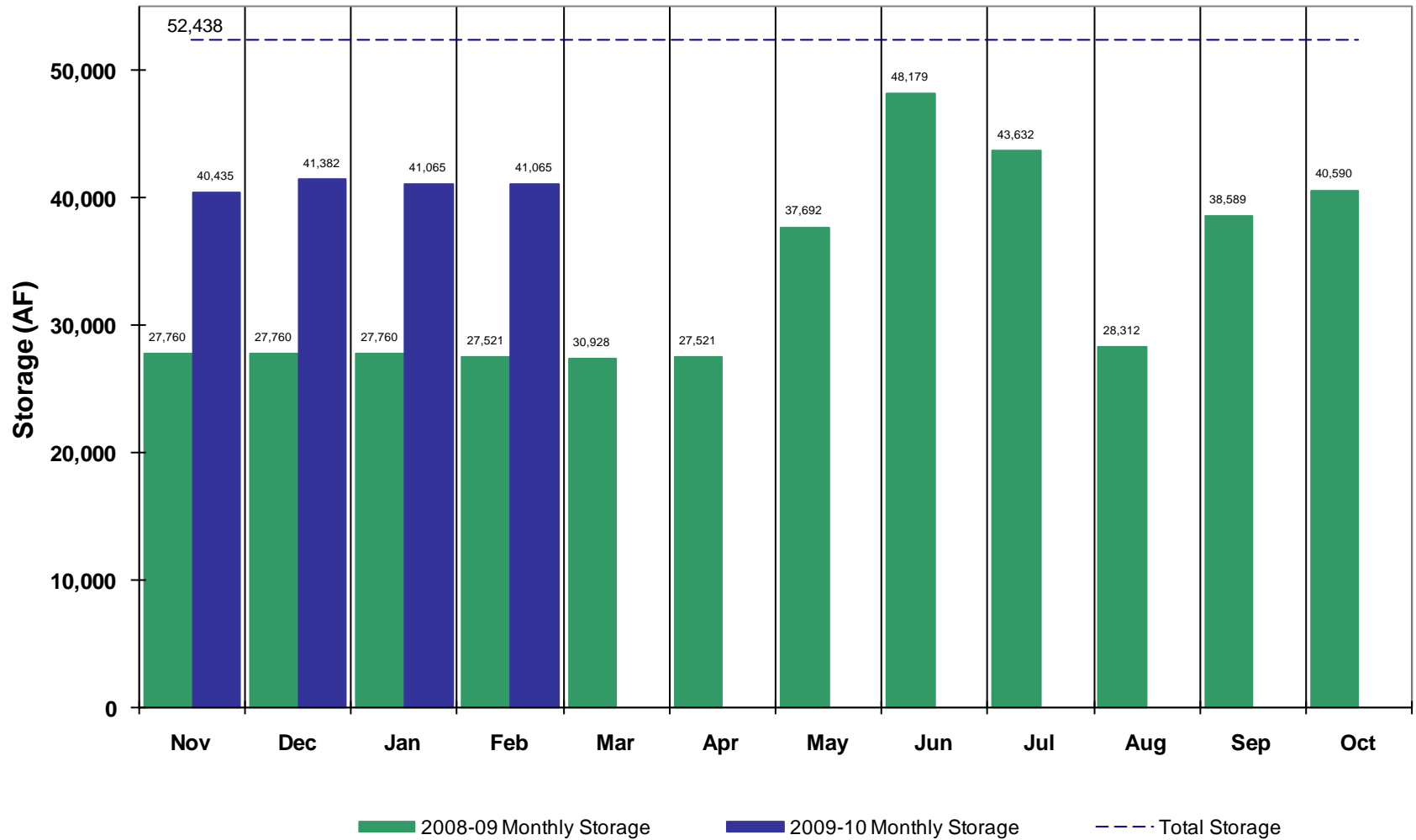
Lower Latham Reservoir

(District 2 - Agricultural)



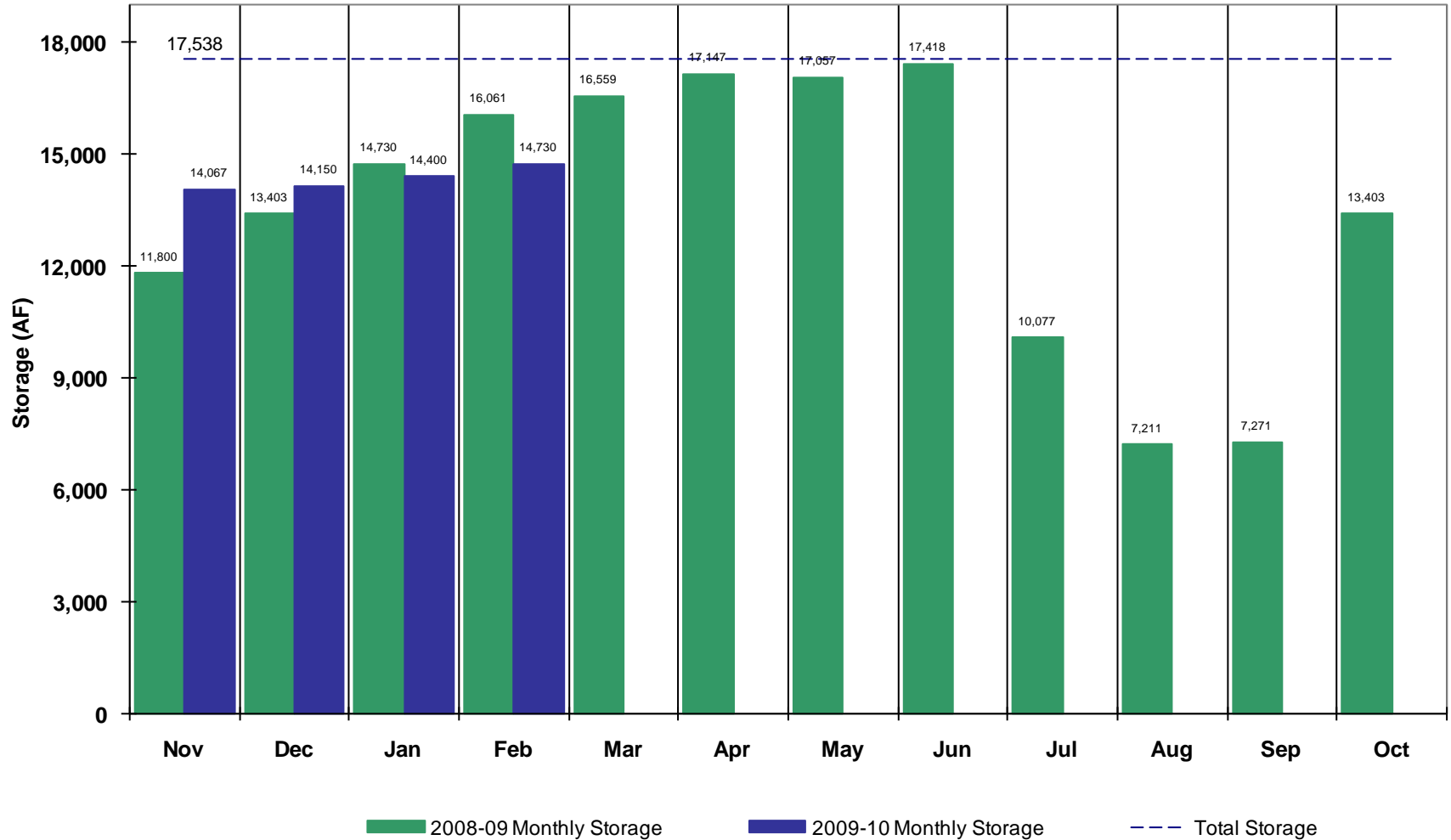
Boyd Lake

(District 4, Big Thompson River - Agricultural)



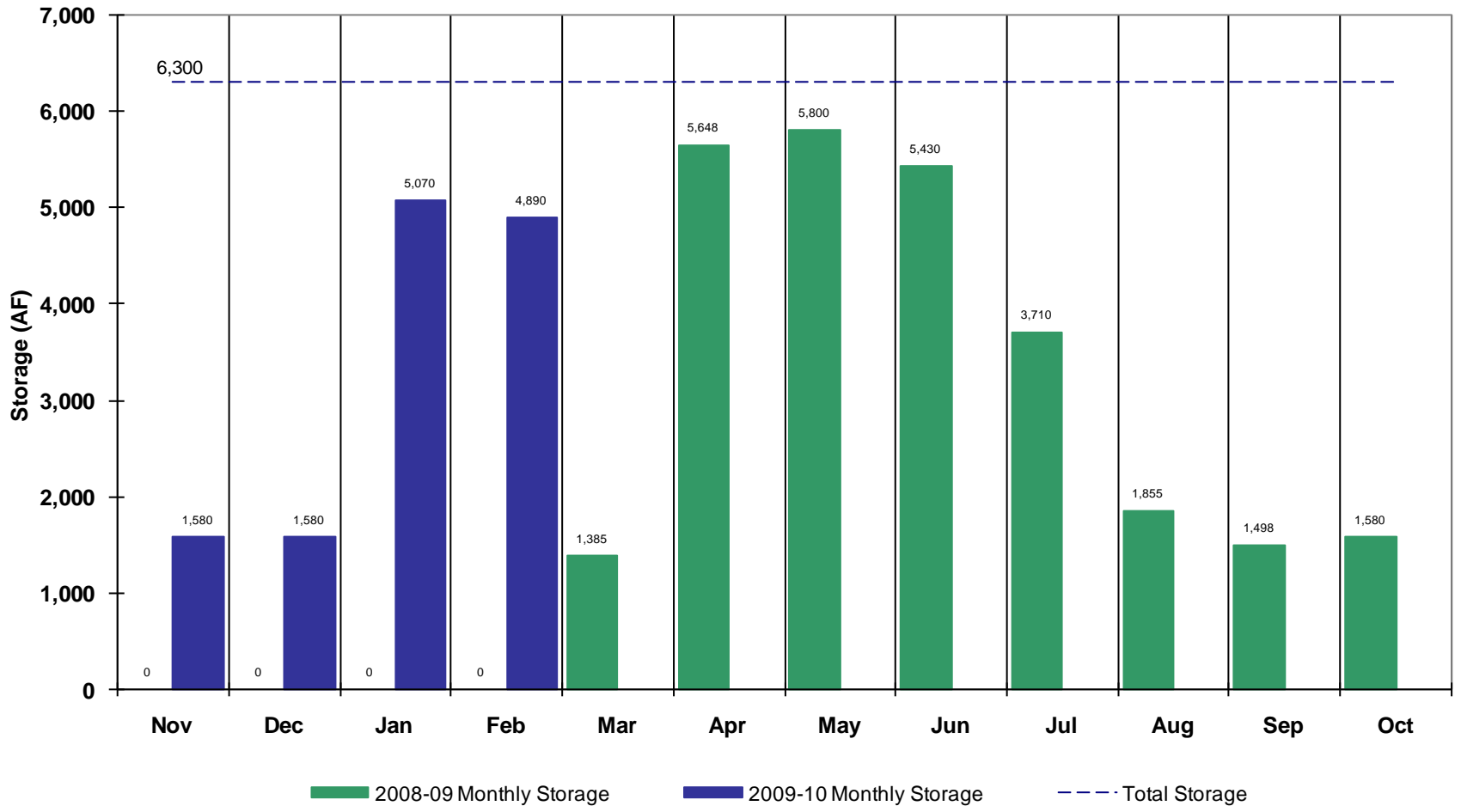
Windsor Reservoir

(District 3, Poudre River - Agricultural)



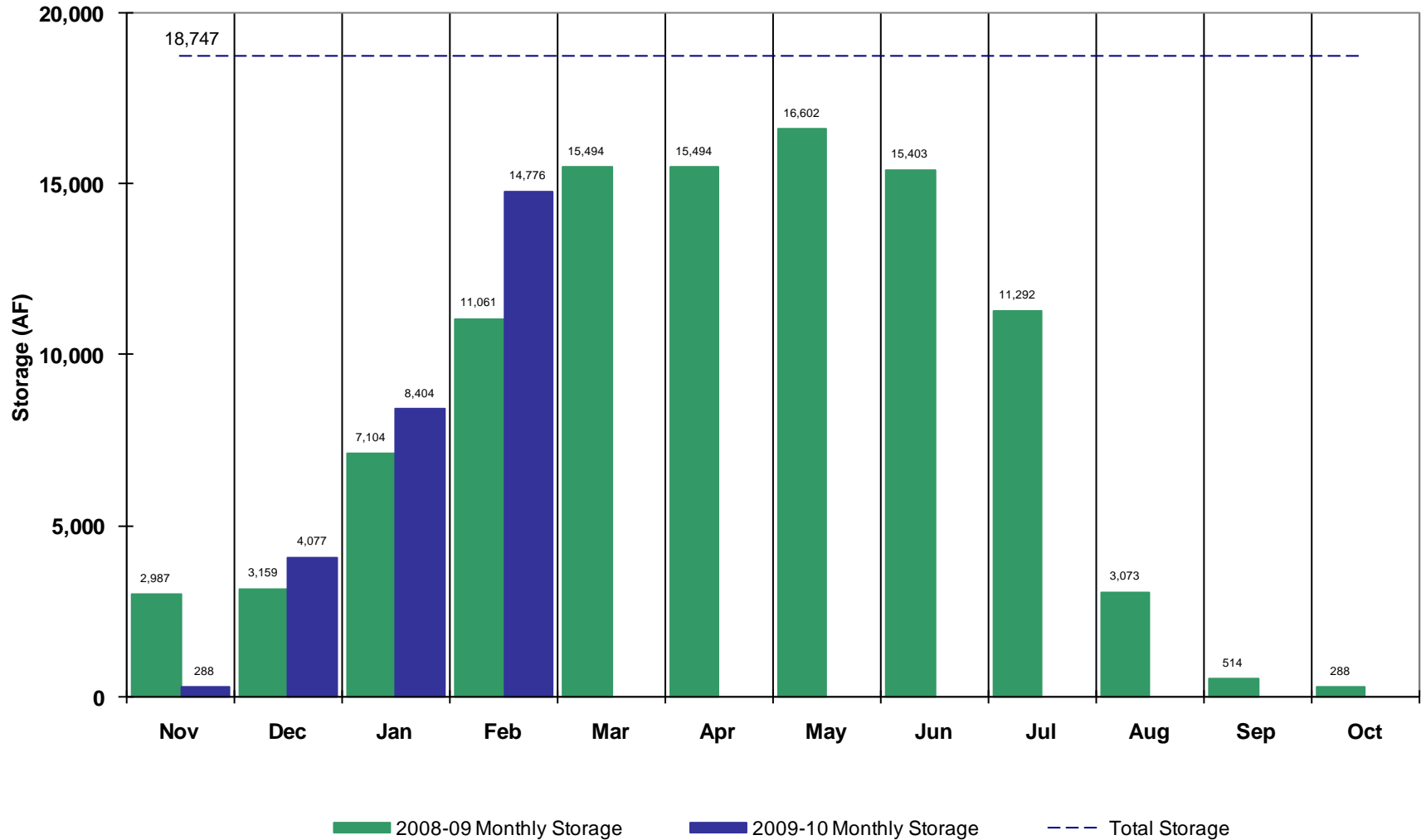
Prospect Reservoir

(District 1- Agricultural)



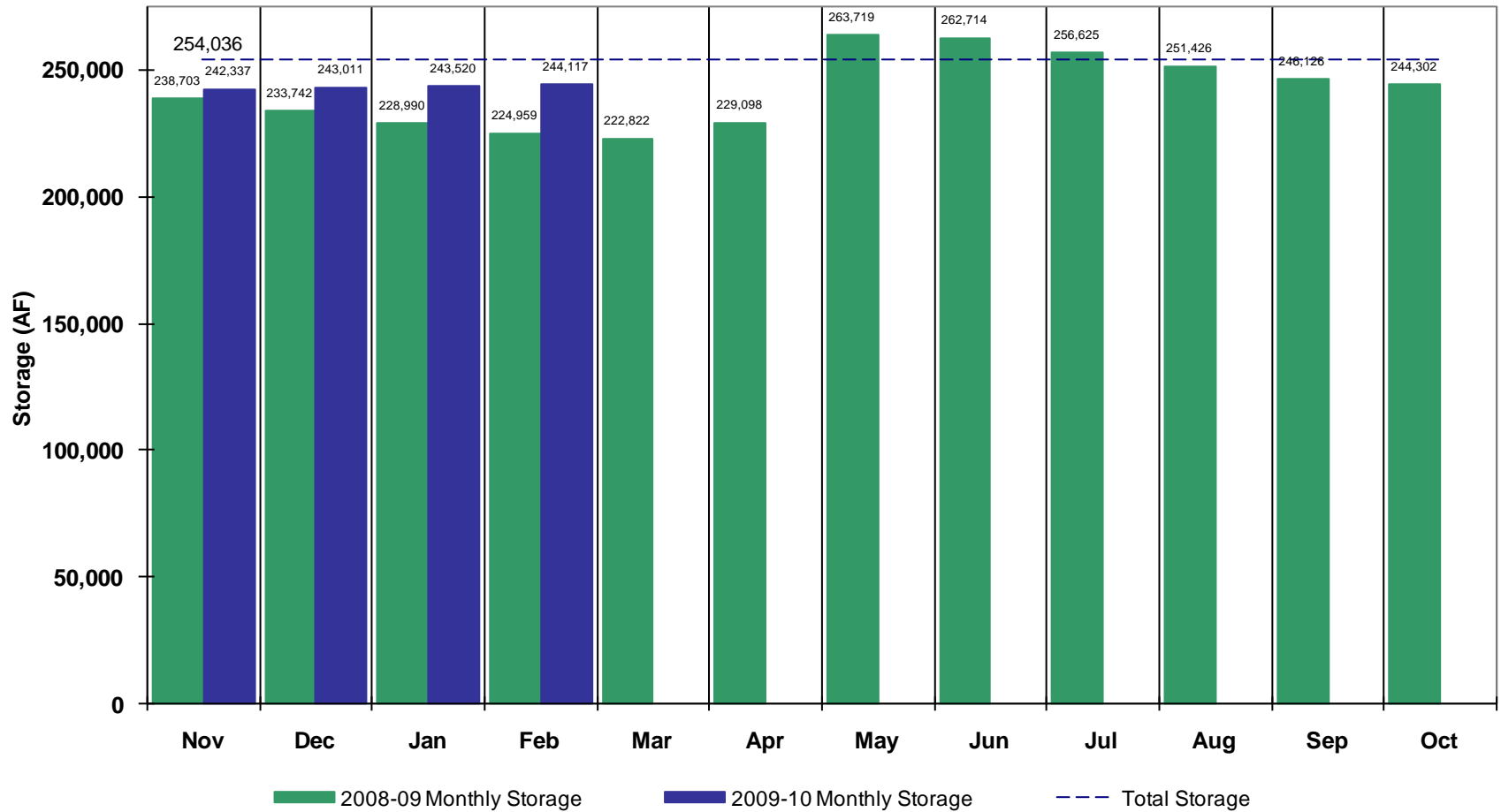
Horse Creek Reservoir

(District 1 - Agricultural)



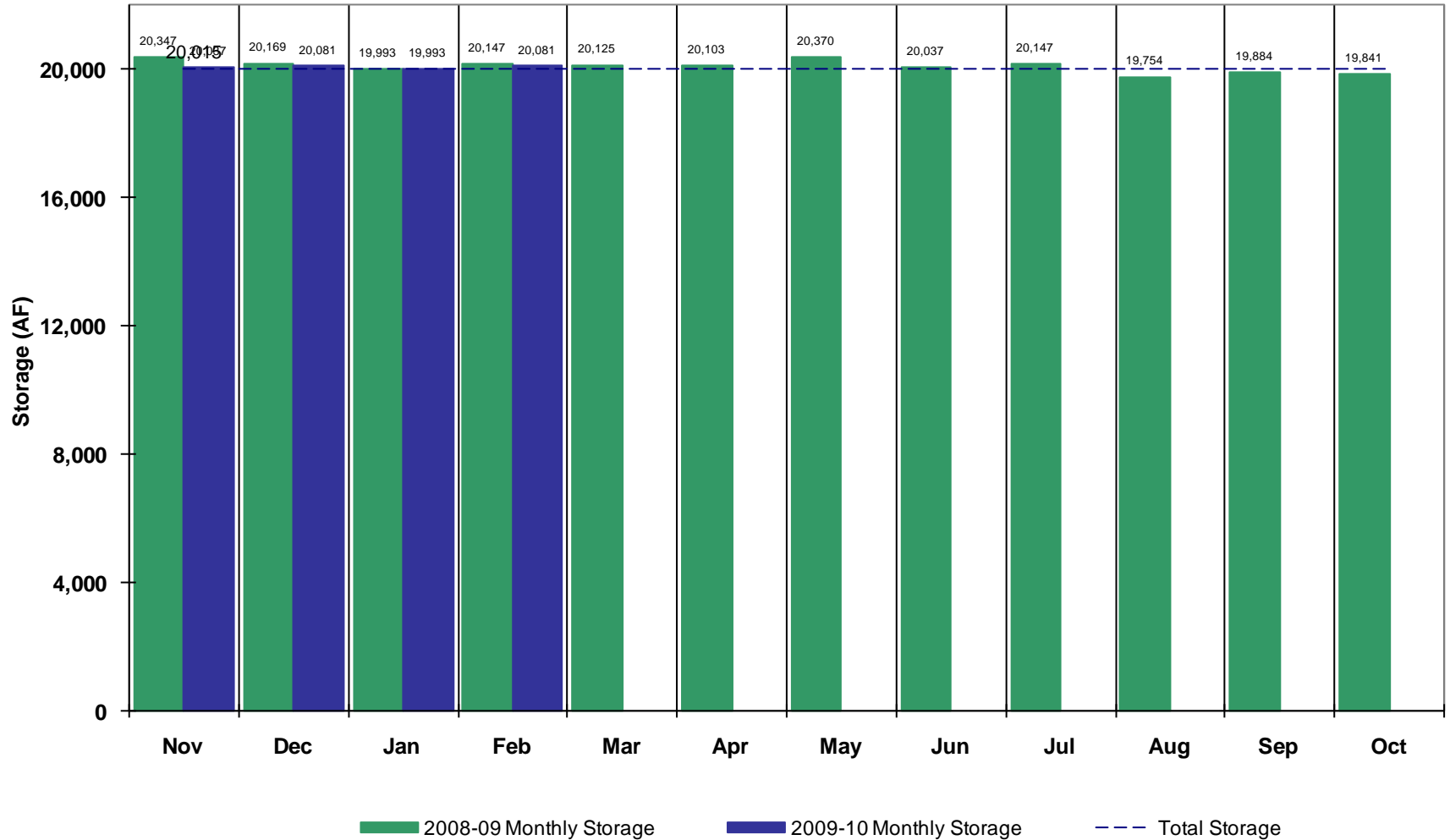
Dillon Reservoir

(Municipal)



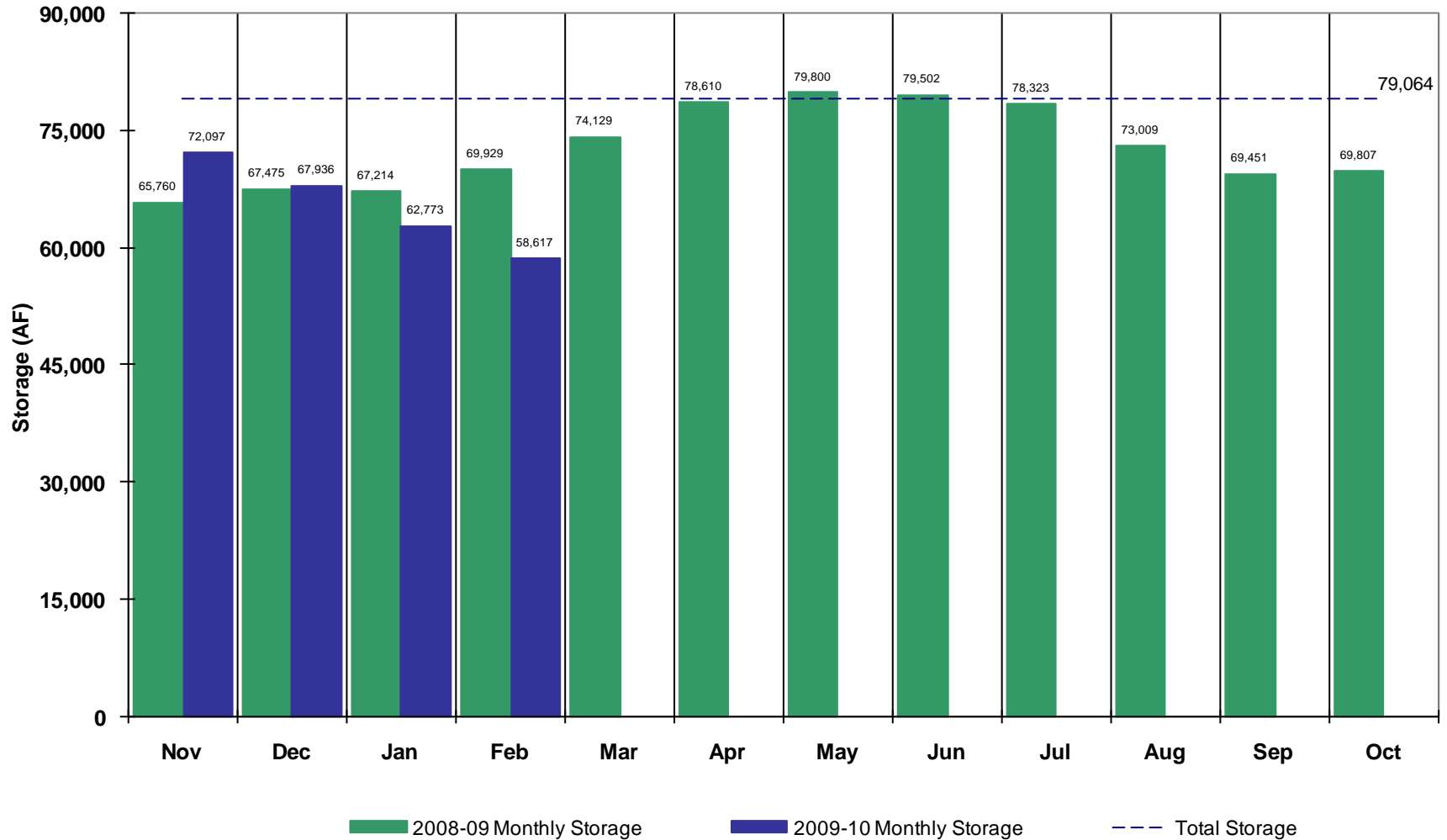
Antero Reservoir

(District 23 - Municipal)



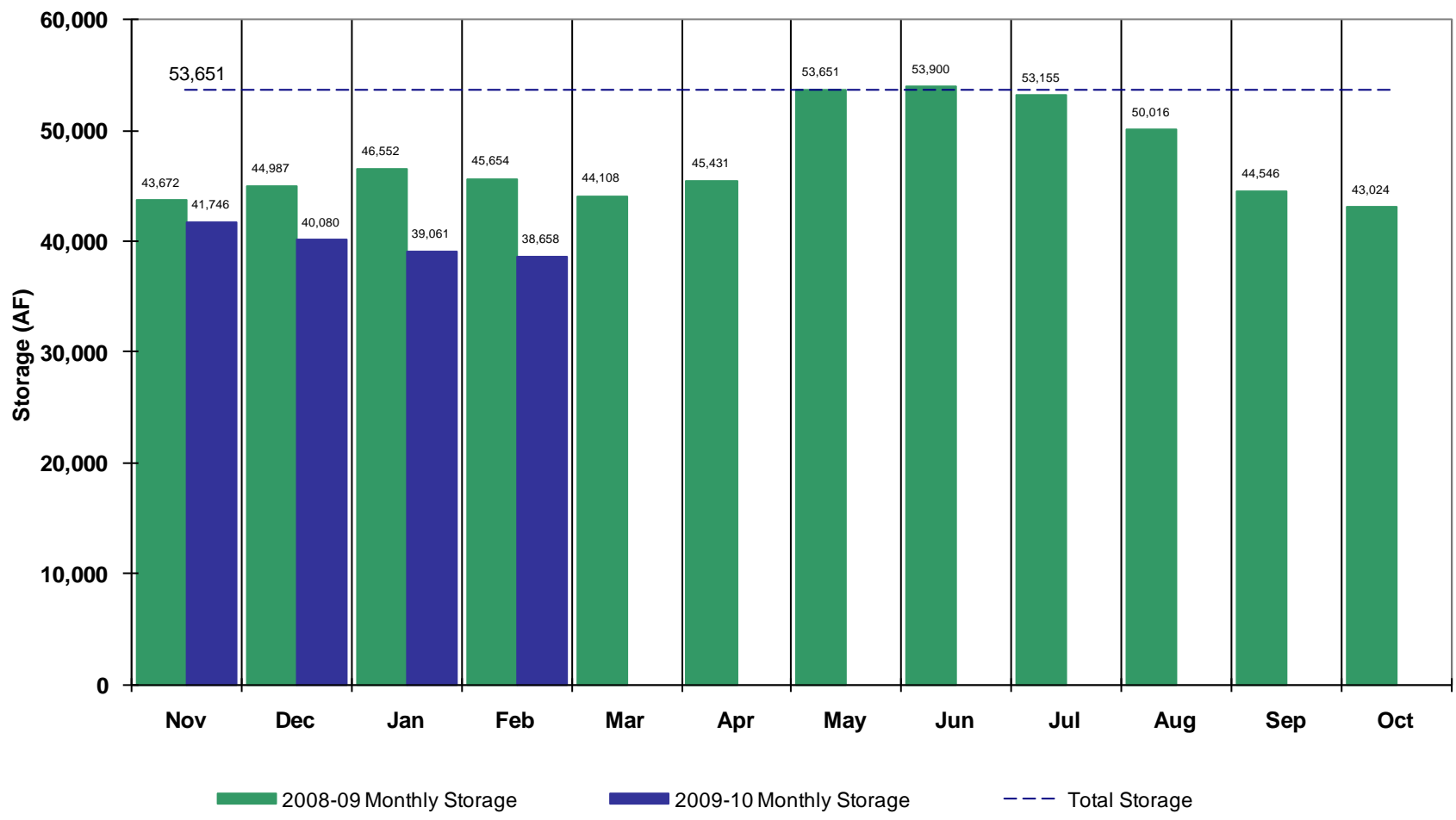
Cheesman Reservoir

(District 80 - Municipal)



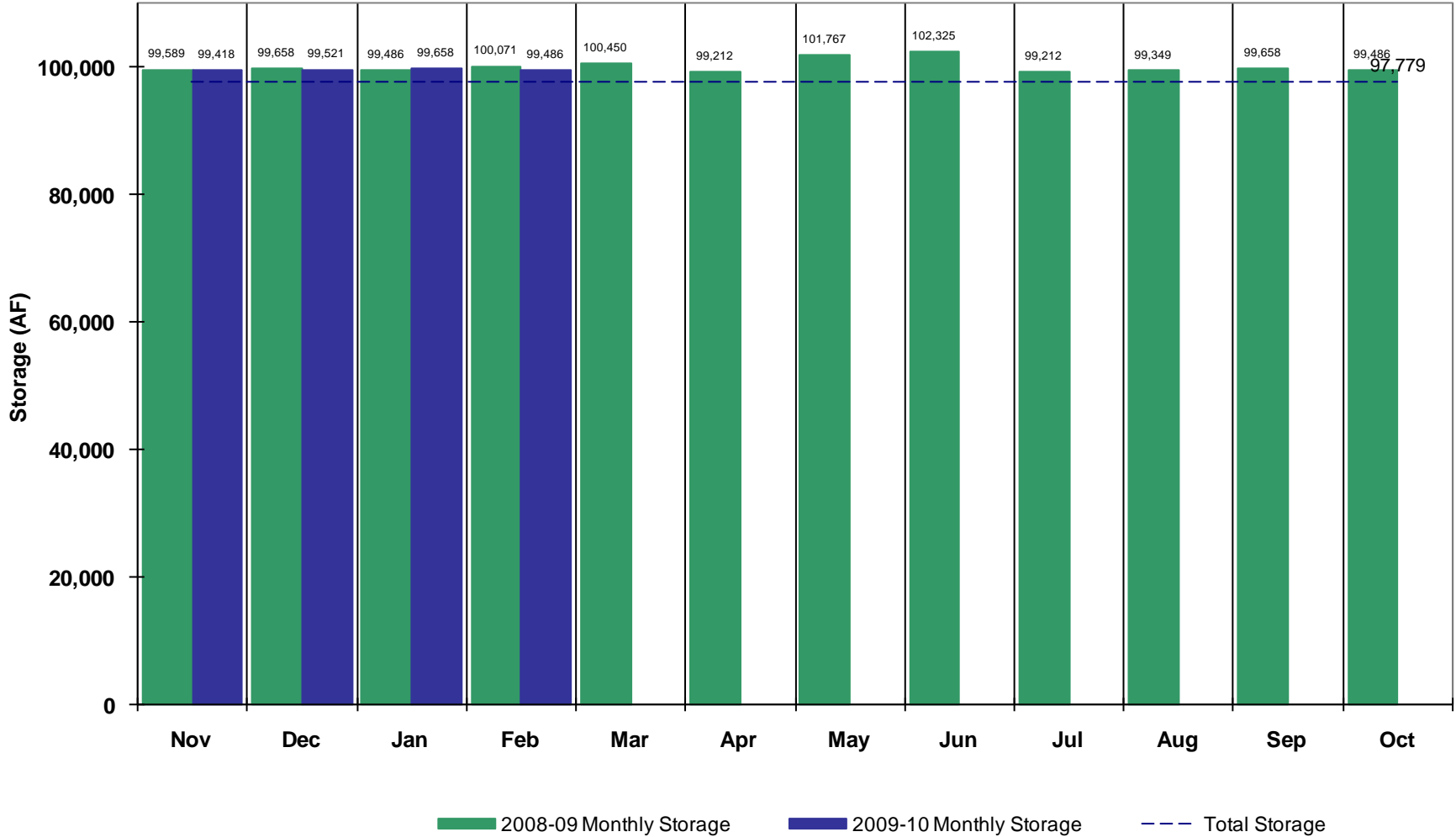
Spinney Mountain Reservoir

(District 23 - Municipal)

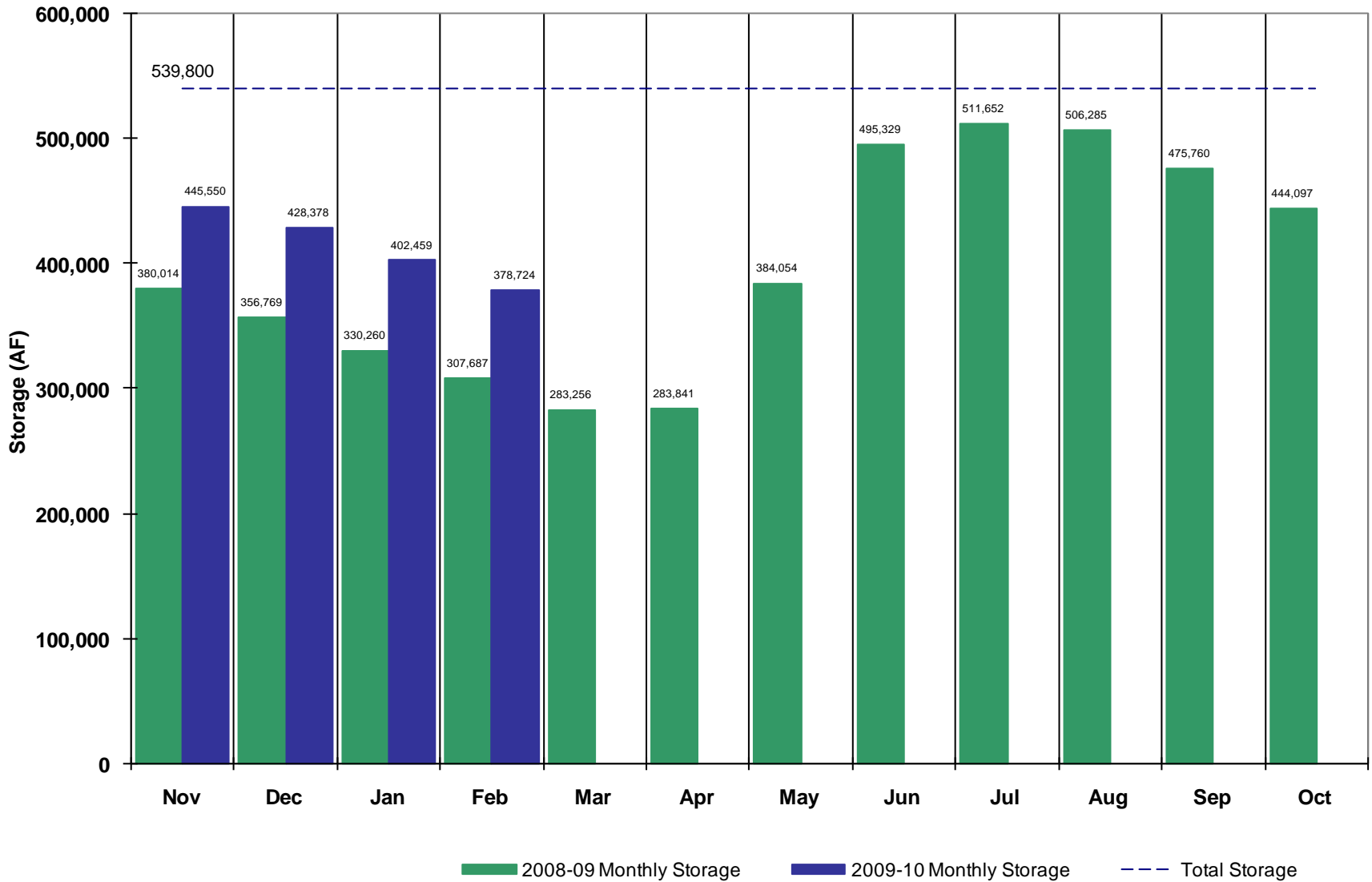


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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



**South Platte at Waterton
(Photo by Jana Ash)**