

South Platte Summary

December 2008



Compiled by Jana Ash



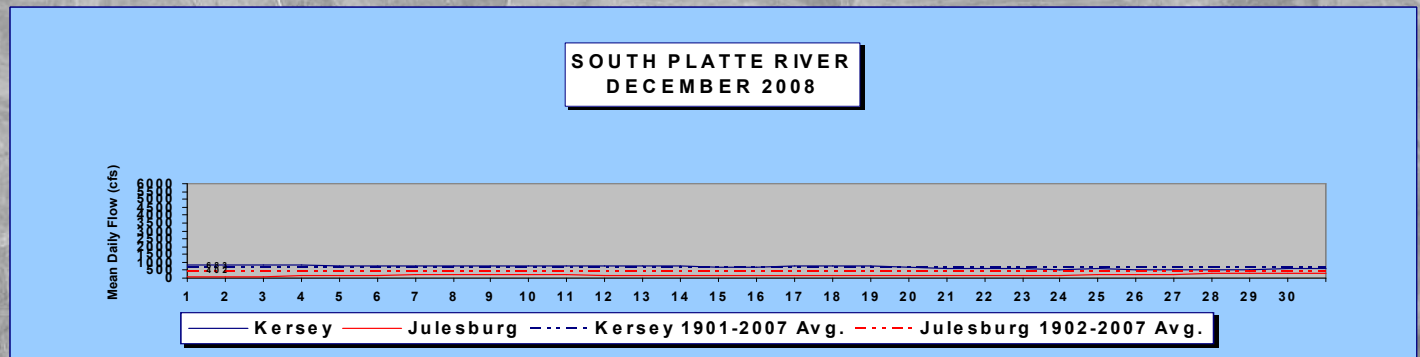
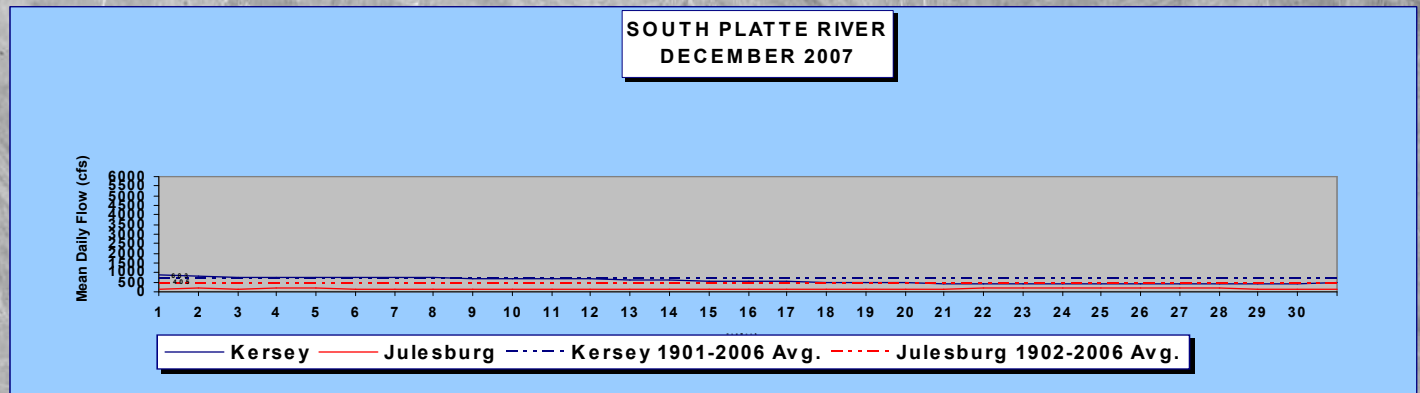
Manitou Park Lake
(Photo by Mark Trivisonno)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

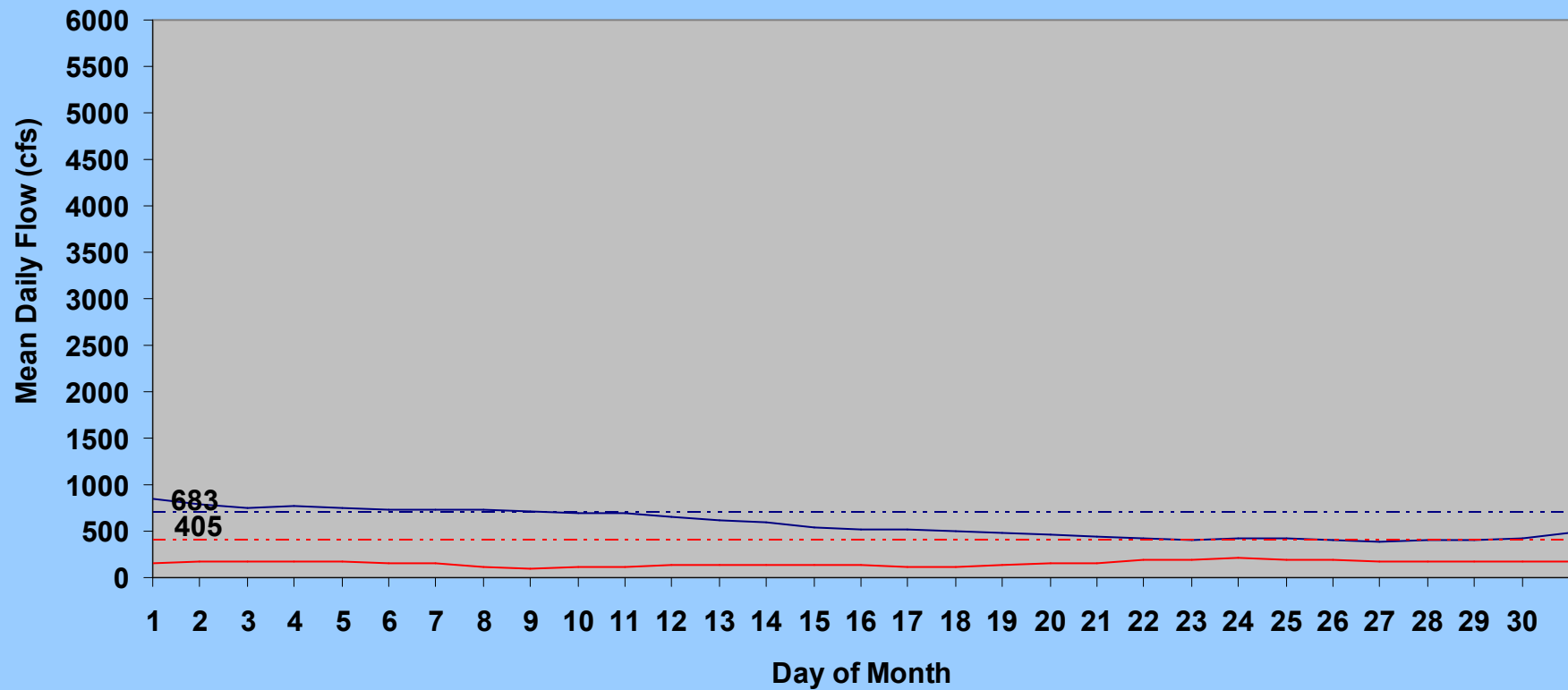
MONTH OF DECEMBER 2008

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	16,384	16,799	64	415	3%	74%	83%	0
N STERLING	73,730	26,829	39,963	64	13,134	49%	54%	57%	0
PREWITT	28,500	20,101	19,246	64	-855	-4%	68%	86%	0
JACKSON	27,257	13,853	24,121	1	10,268	74%	88%	92%	0
EMPIRE	37,700	3,298	14,108	1	10,810	328%	37%	22%	0
RIVERSIDE	63,113	28,615	31,824	1	3,209	11%	50%	82%	0
BARR LAKE	31,652	14,682	19,803	2	5,121	35%	63%	72%	0
CHEESMAN	79,064	65,760	67,475	80	1,715	3%	85%	82%	0
ELEVEN MILE	97,779	99,589	99,658	23	69	0%	100%	100%	1,879
SPINNEY	53,651	43,672	44,987	23	1,315	3%	84%	77%	0
ANTERO	20,015	20,347	20,169	23	-178	-1%	100%	100%	154

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	707
JULESBURG	188
THIS MONTH LAST YEAR	
KERSEY	571
JULESBURG	155
MEAN FOR PERIOD OF RECORD*	
KERSEY	683
JULESBURG	402
* 1901-2007	
1902-2007	

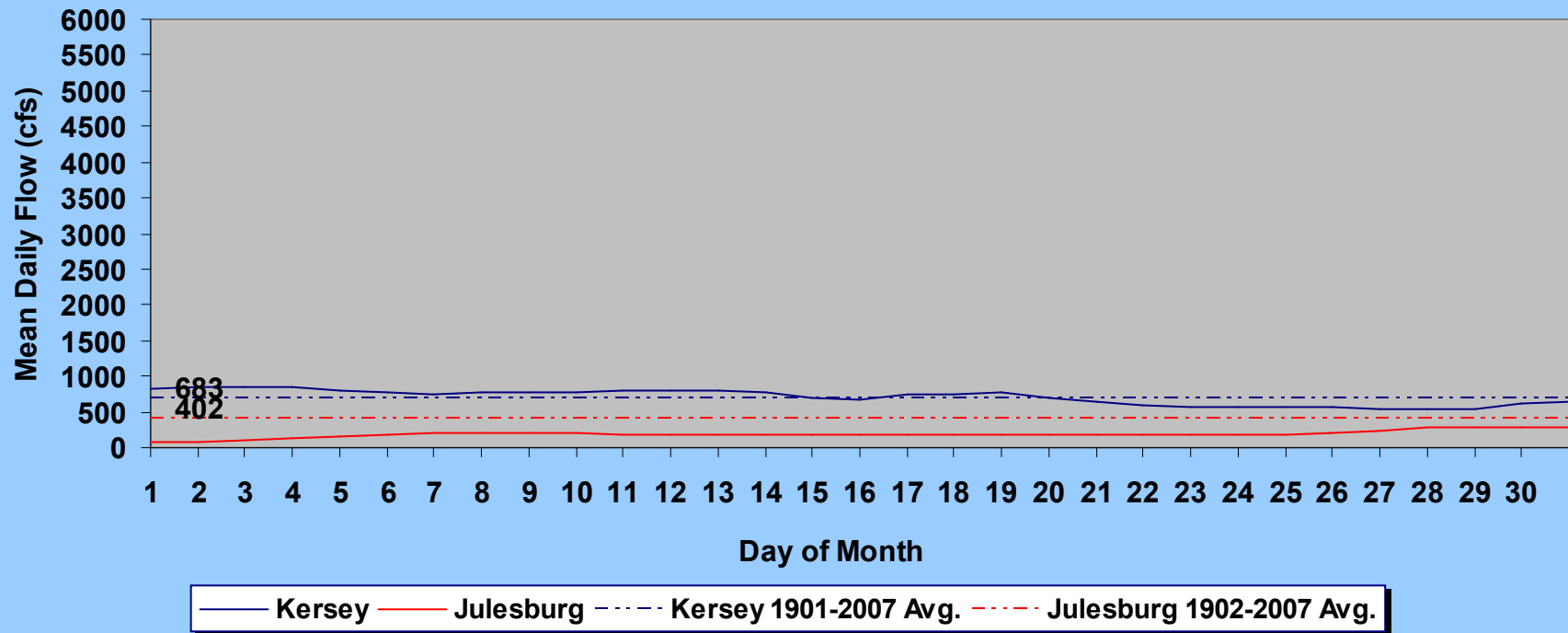


SOUTH PLATTE RIVER DECEMBER 2007

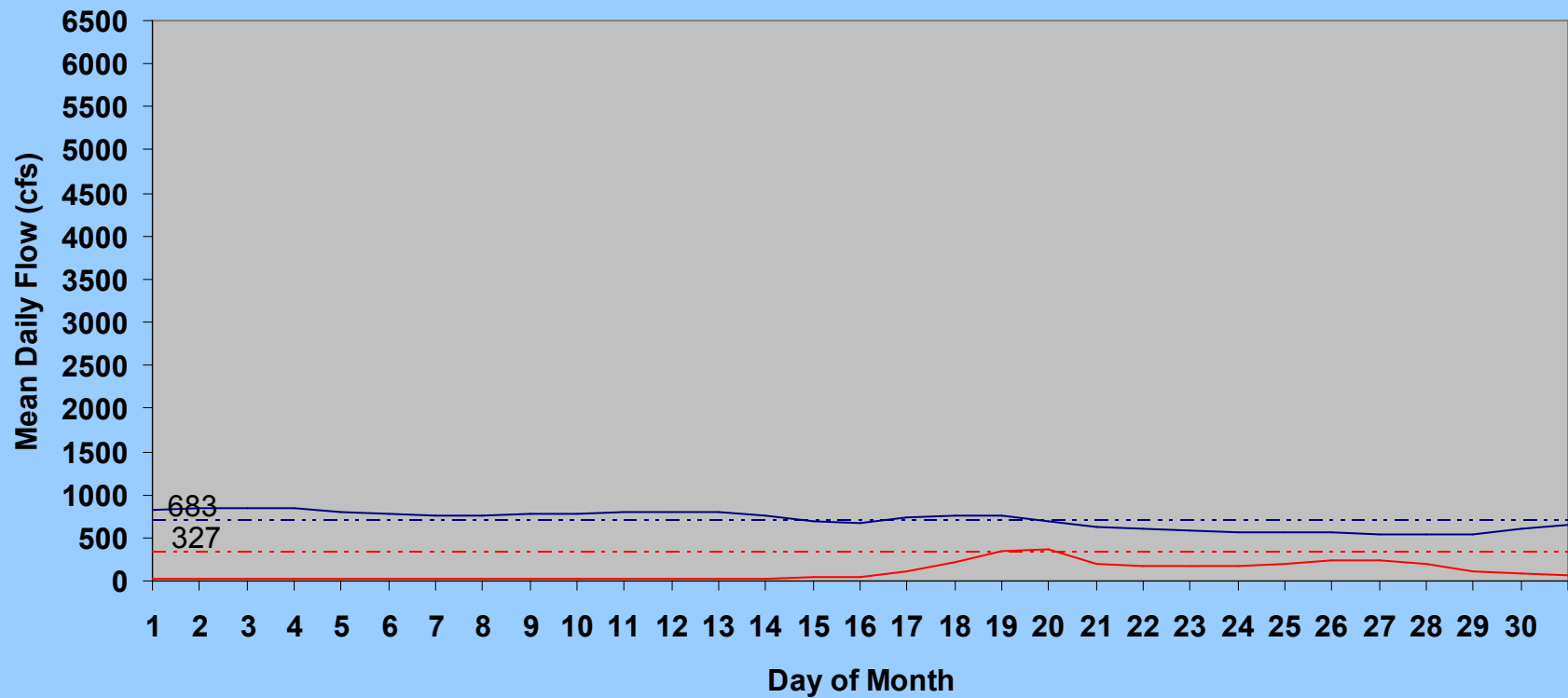


— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

SOUTH PLATTE RIVER DECEMBER 2008



KERSEY and BALZAC DECEMBER 2008



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

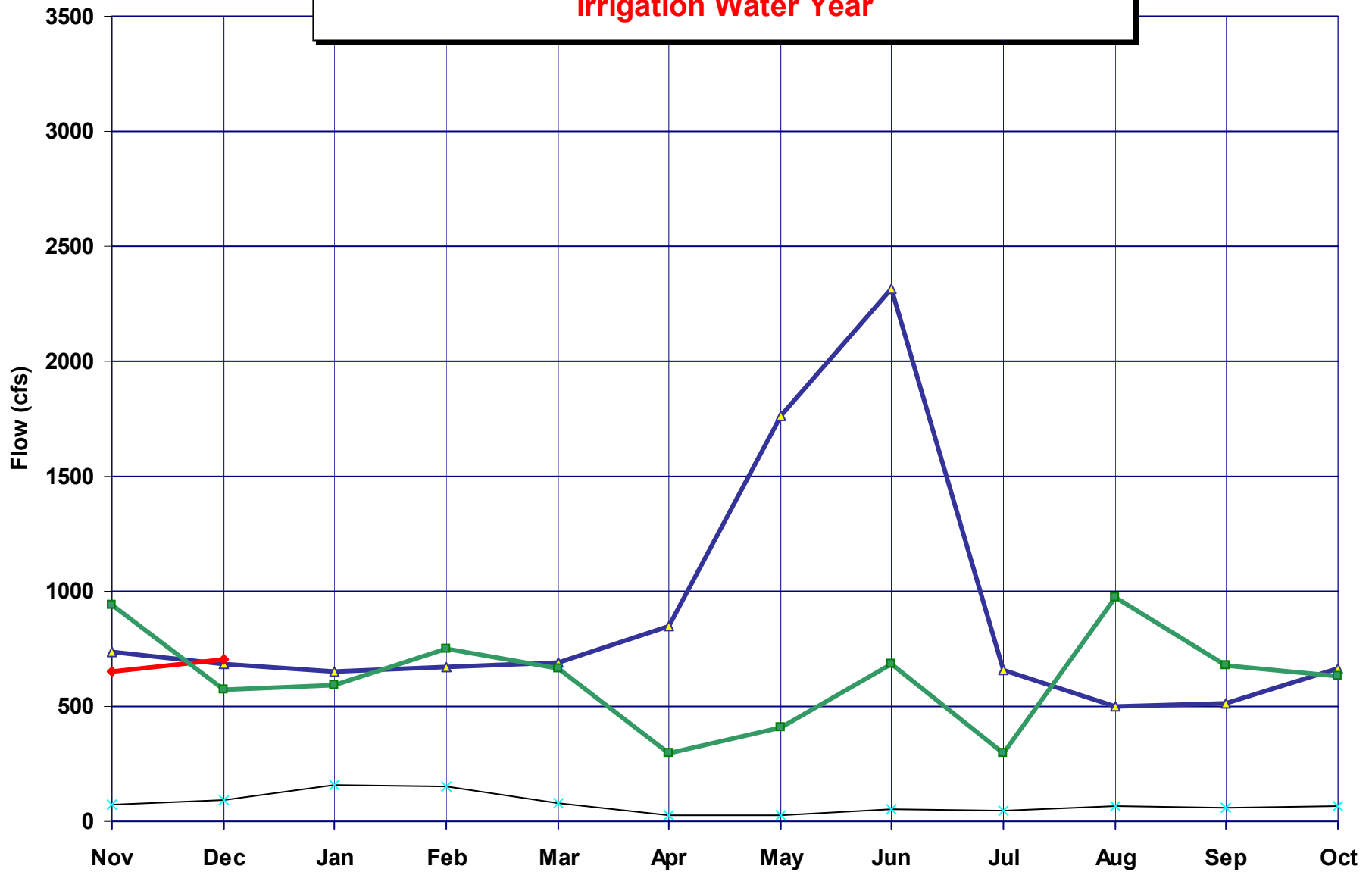
South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2009 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2009 Mean Monthly Flow
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		Jan	514	2510	1970	21	2003	
Feb	673	3060	1914	152	1935		Feb	589	3220	1930	29	2005	
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 1901-2007							*Period of record 1902-2007						

**Johnson Reservoir
(Photo by Mark Trivisonno)**

South Platte River at Kersey

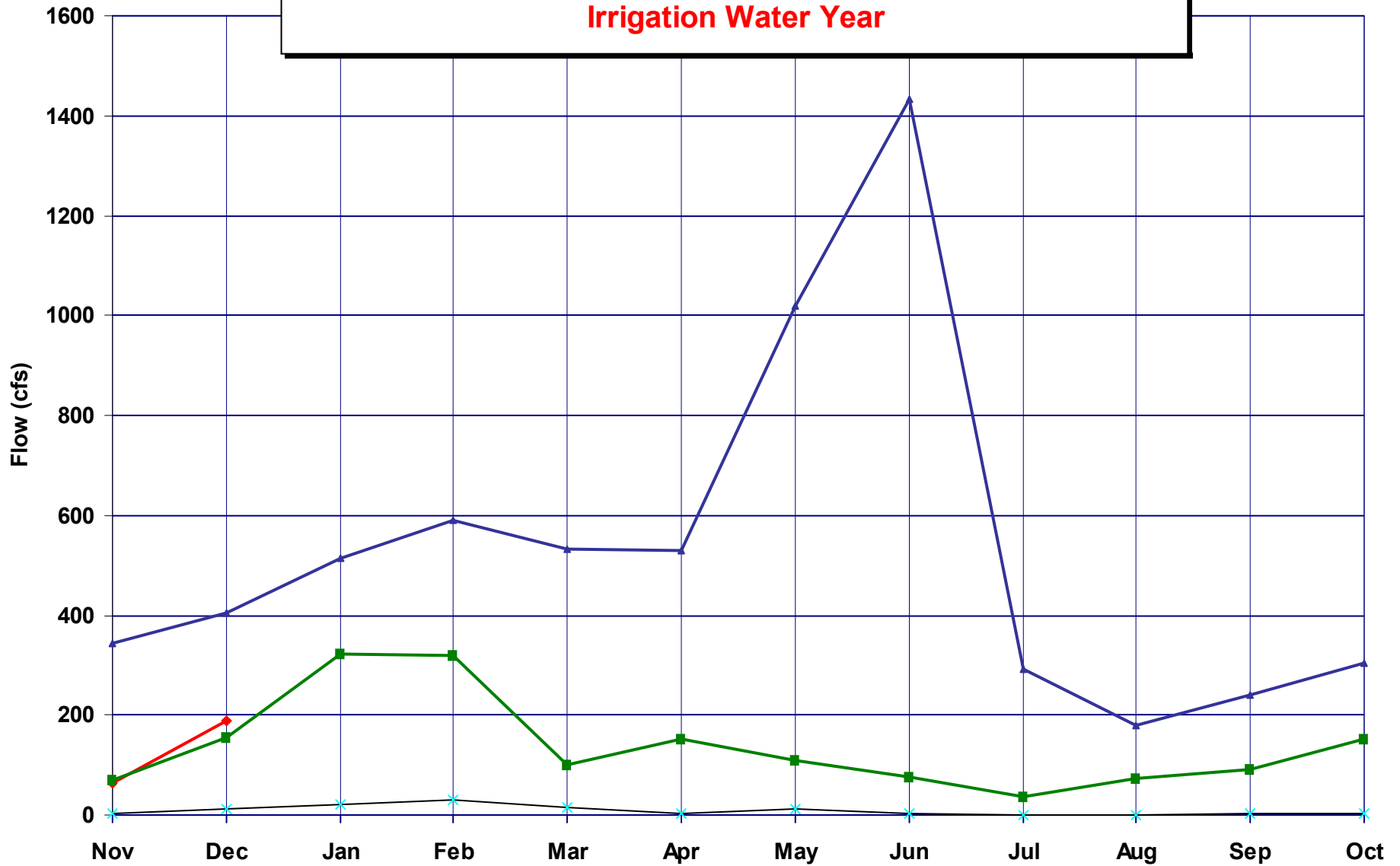
Irrigation Water Year



—▲— Historic* Mean Flow —*— Historic* Min Flow —◆— 2008-2009 Mean Flow —■— 2007-2008 Mean Flow
*1901-2007

South Platte River at Julesburg

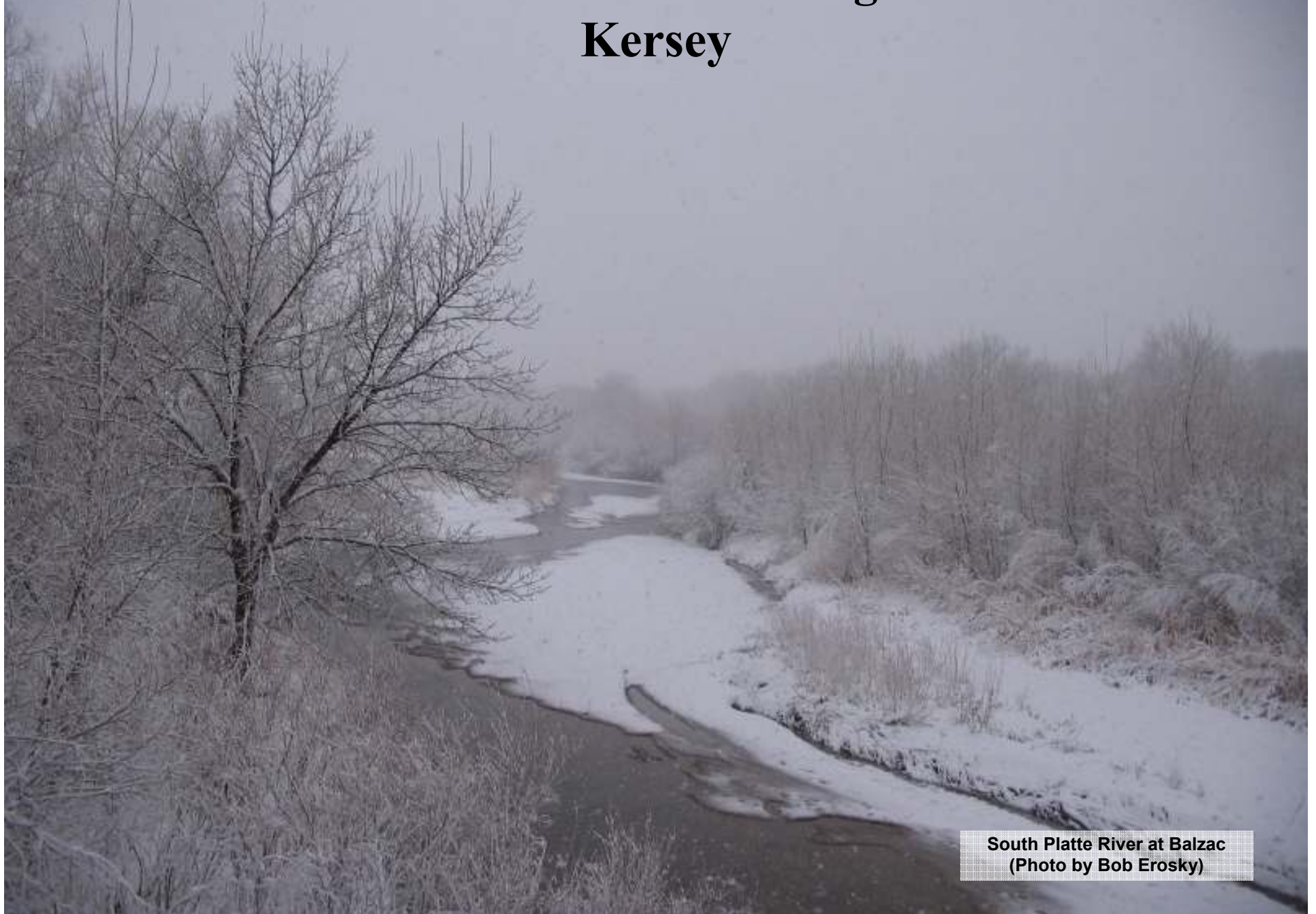
Irrigation Water Year



—▲— Historic* Mean Flow —*— Historic* Min Flow —◆— 2008-2009 Mean Flow —■— 2007-2008 Mean Flow

*1902-2007

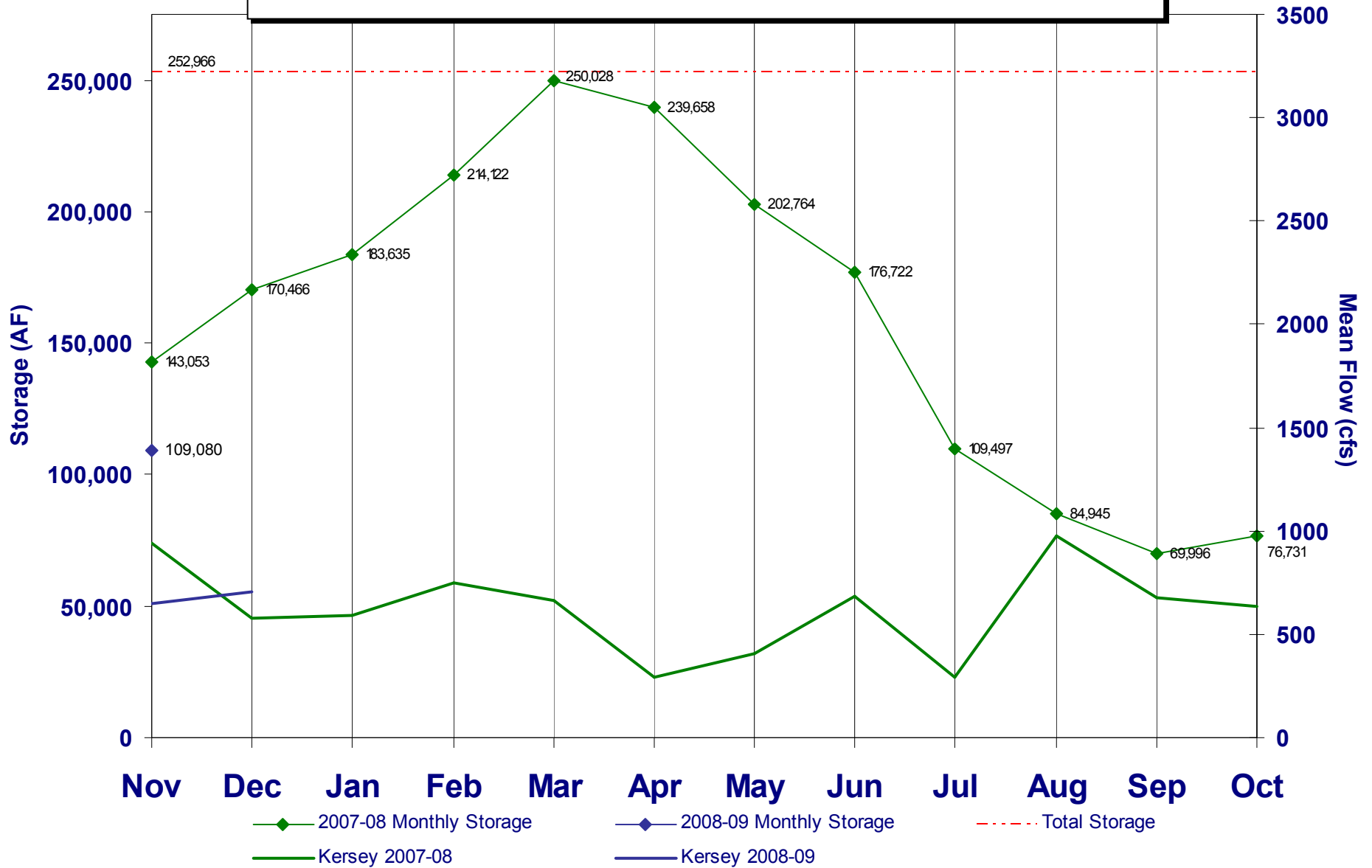
**Next four slides show Reservoir Storage below and above
Kersey**



South Platte River at Balzac
(Photo by Bob Erosky)

Reservoir Storage below Kersey

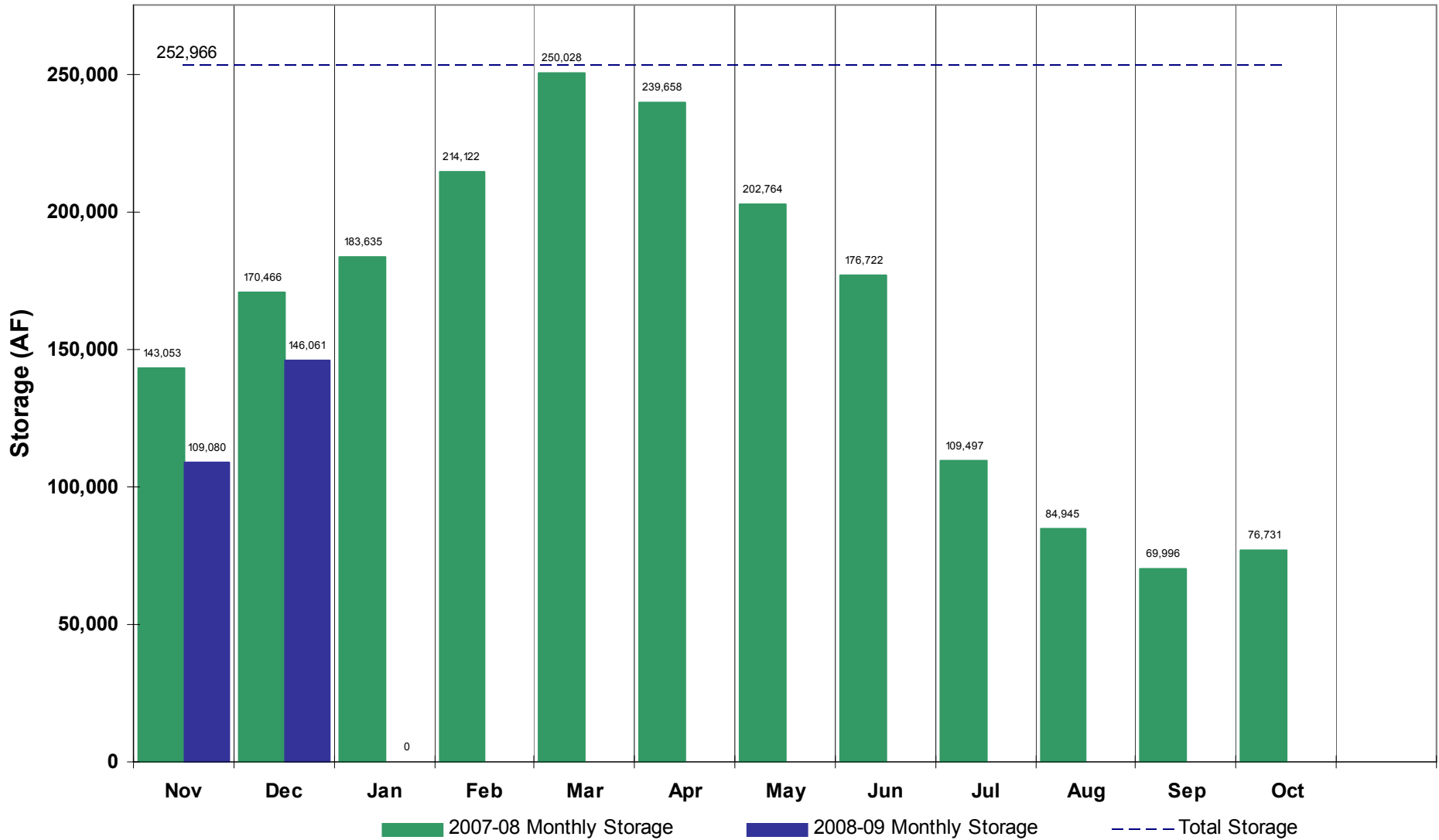
Selected Reservoirs*



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

South Platte Reservoirs

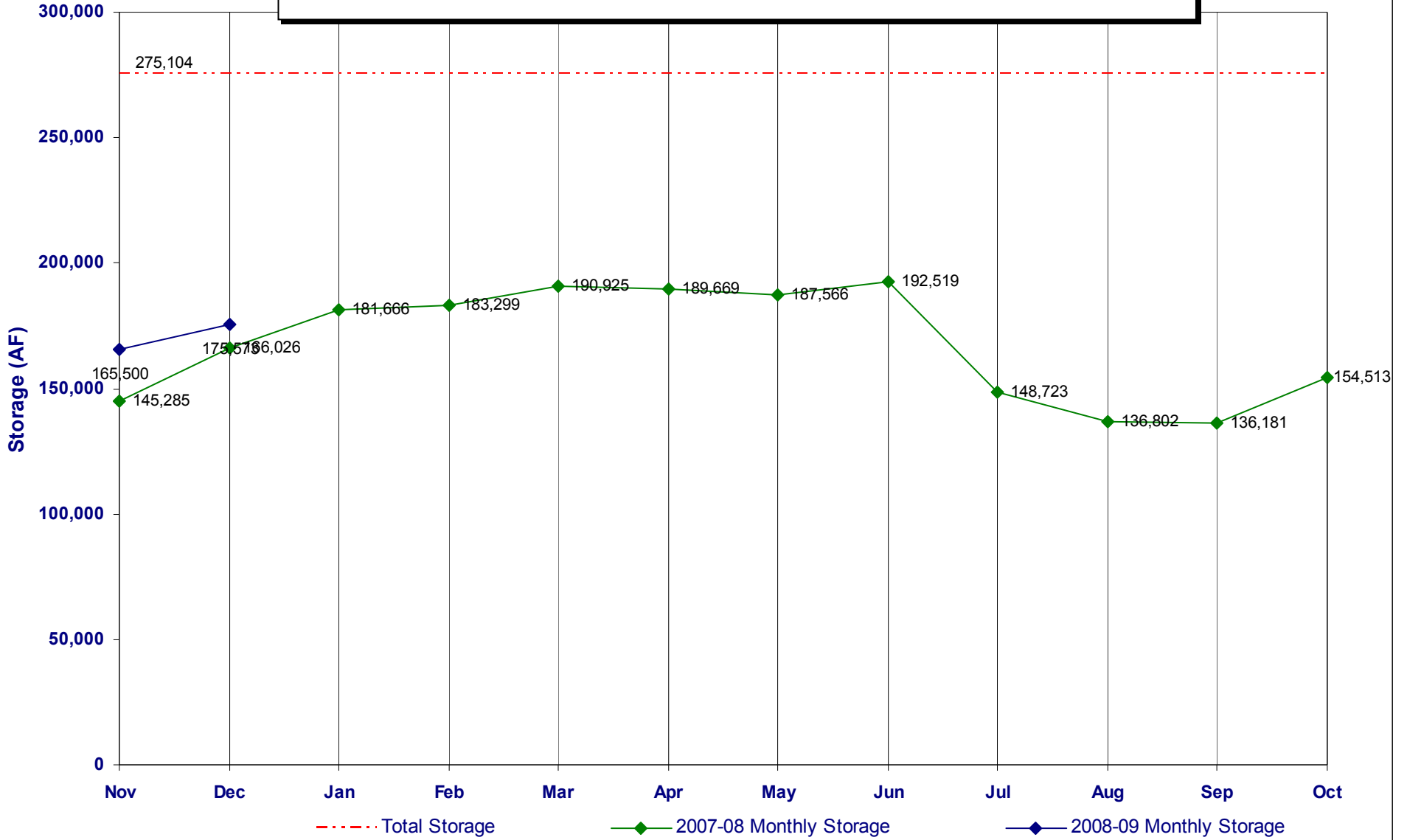
Storage below Kersey*



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

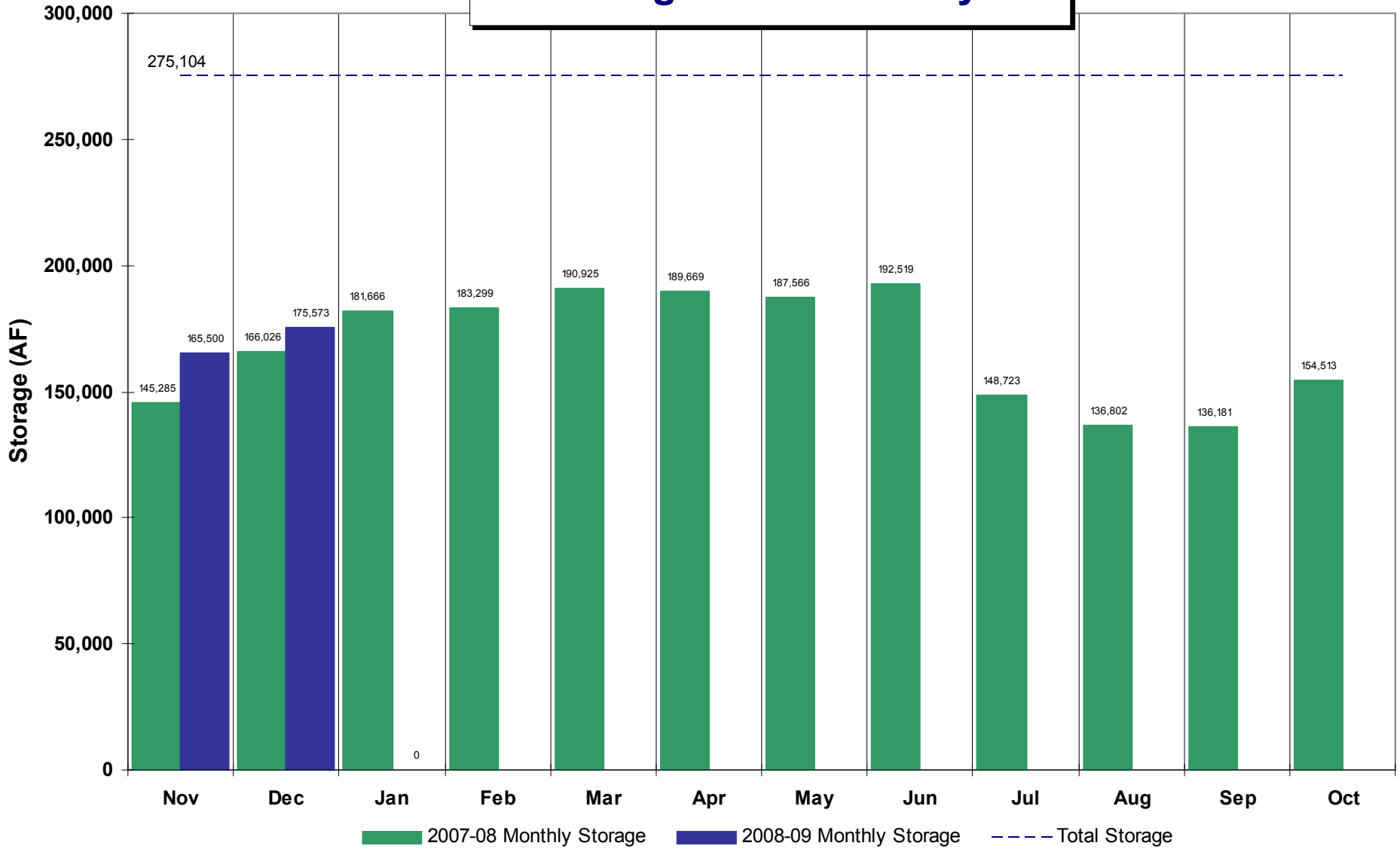
Reservoir Storage above Kersey

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

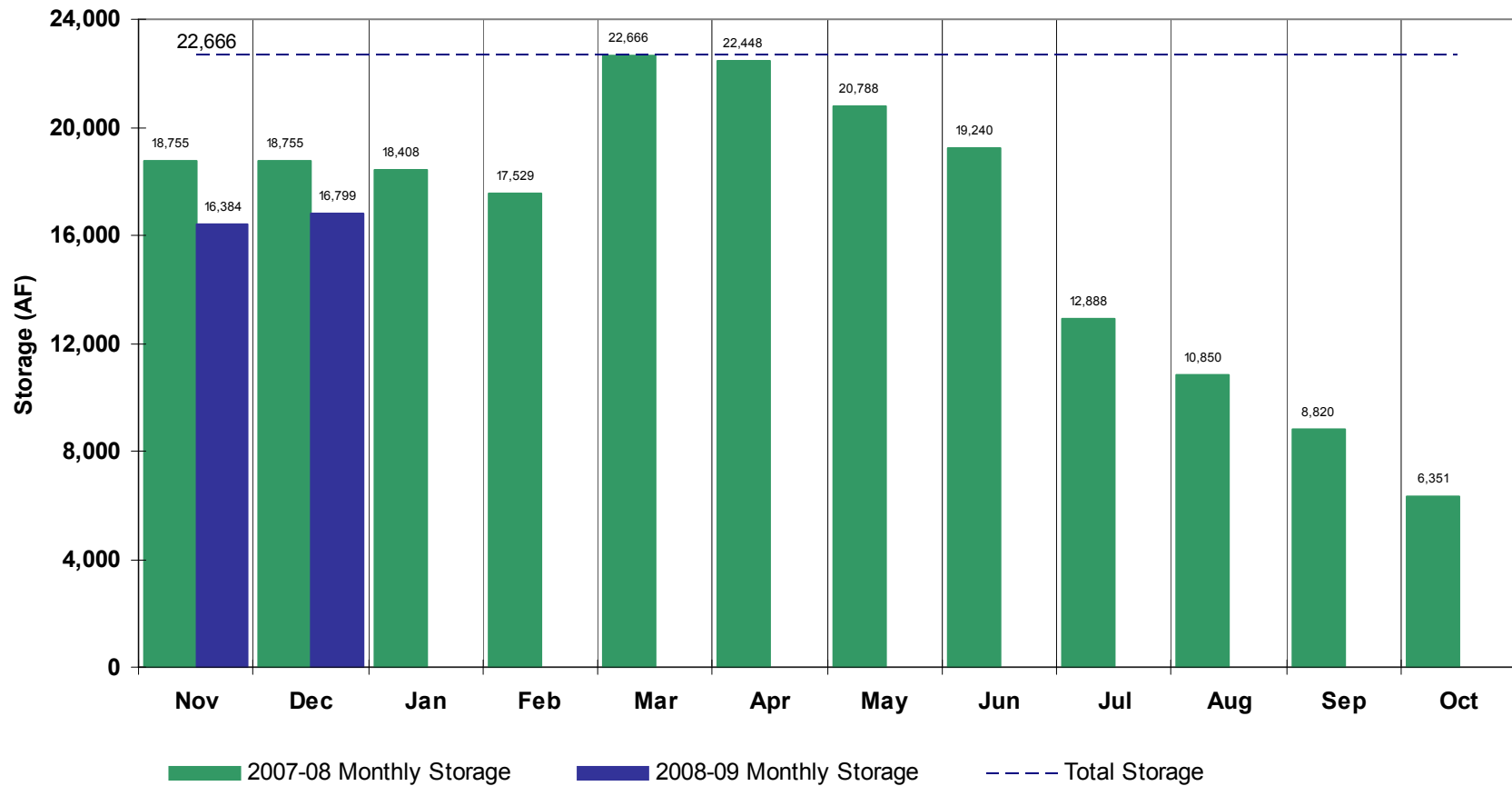
Individual Reservoir Storage Follows



Johnson Reservoir
(Photo by Mark Trivisonno)

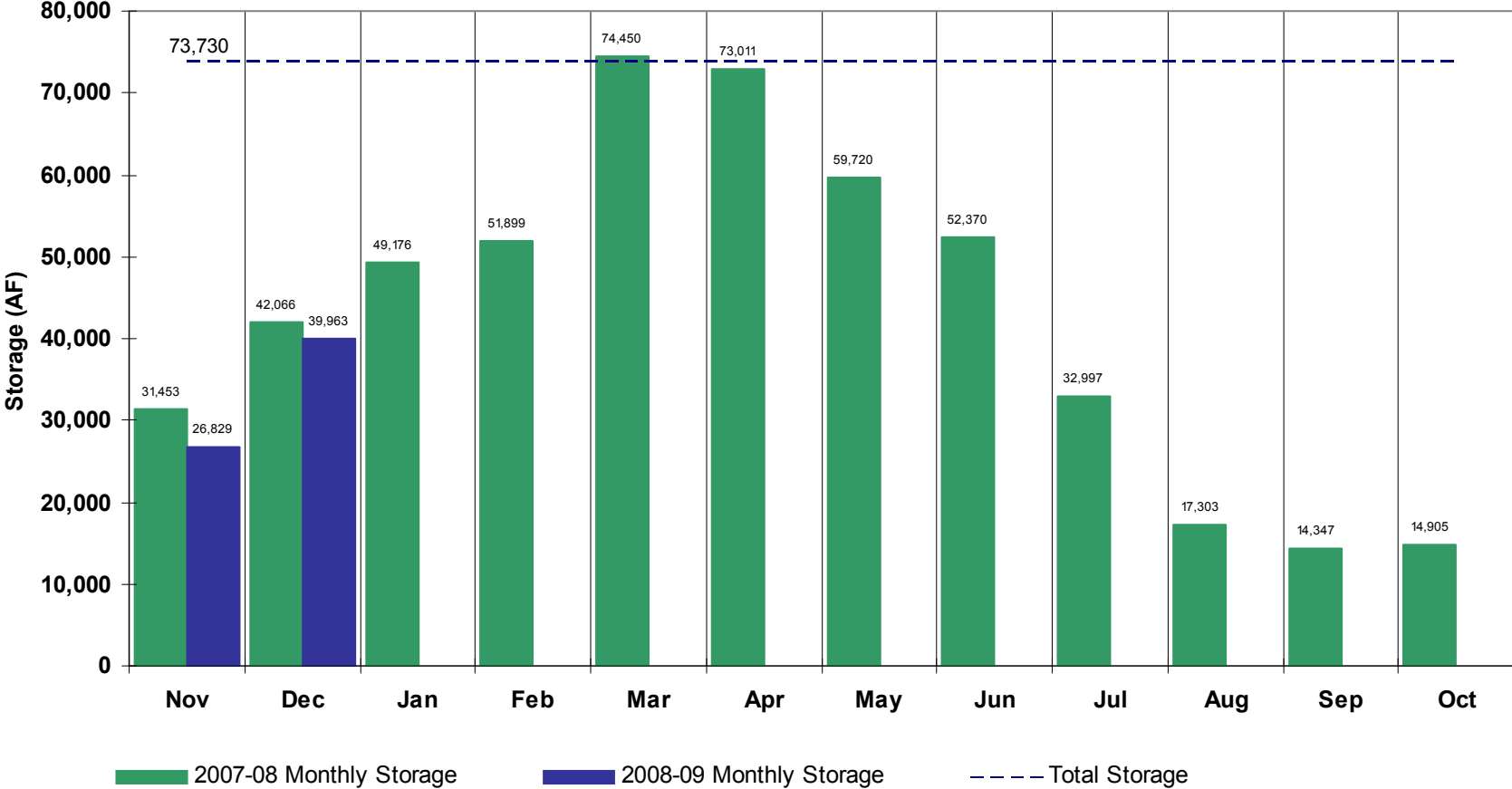
Julesburg Reservoir

(District 64 - Agricultural)



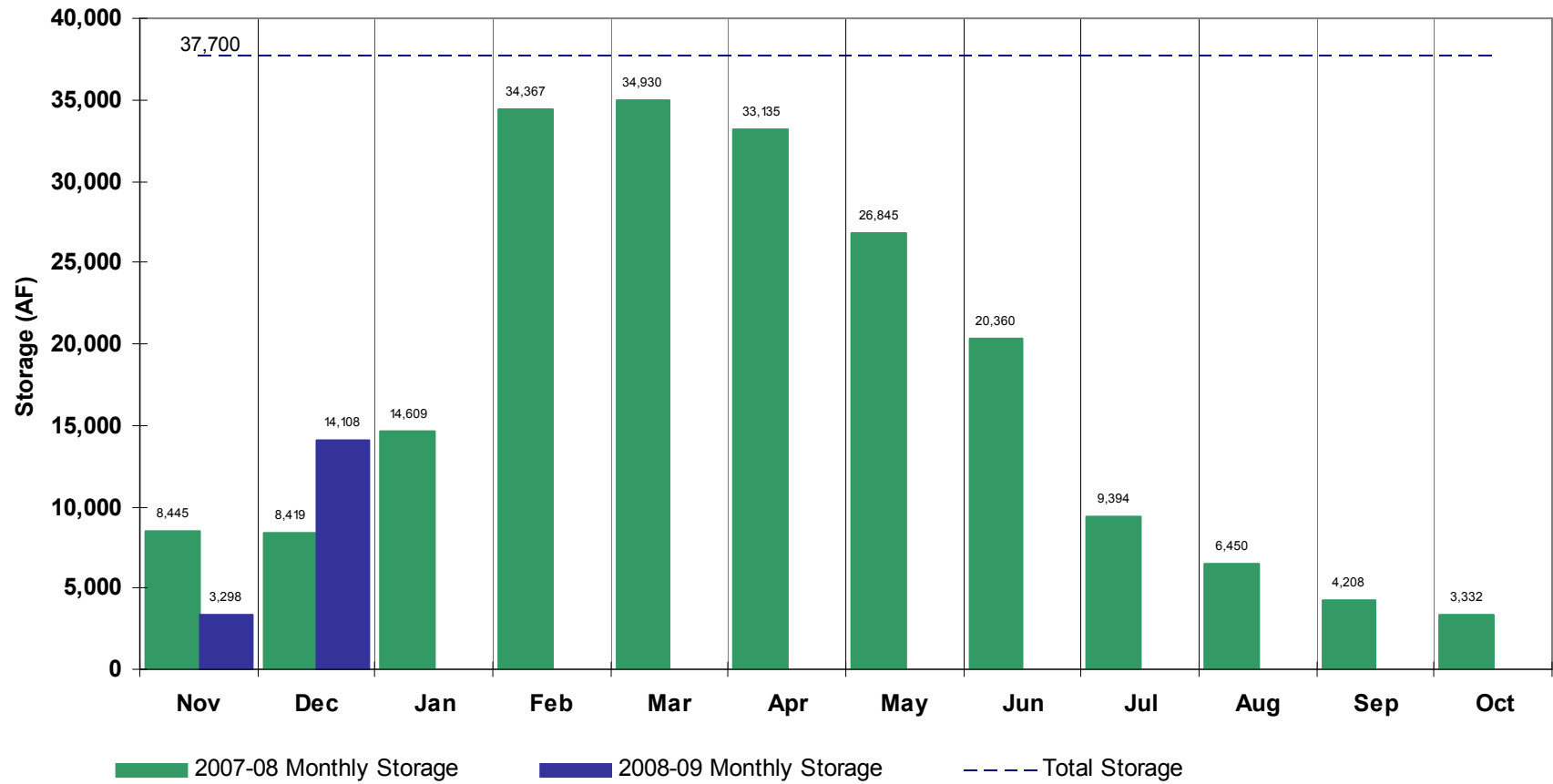
North Sterling Reservoir

(District 64- Agricultural)



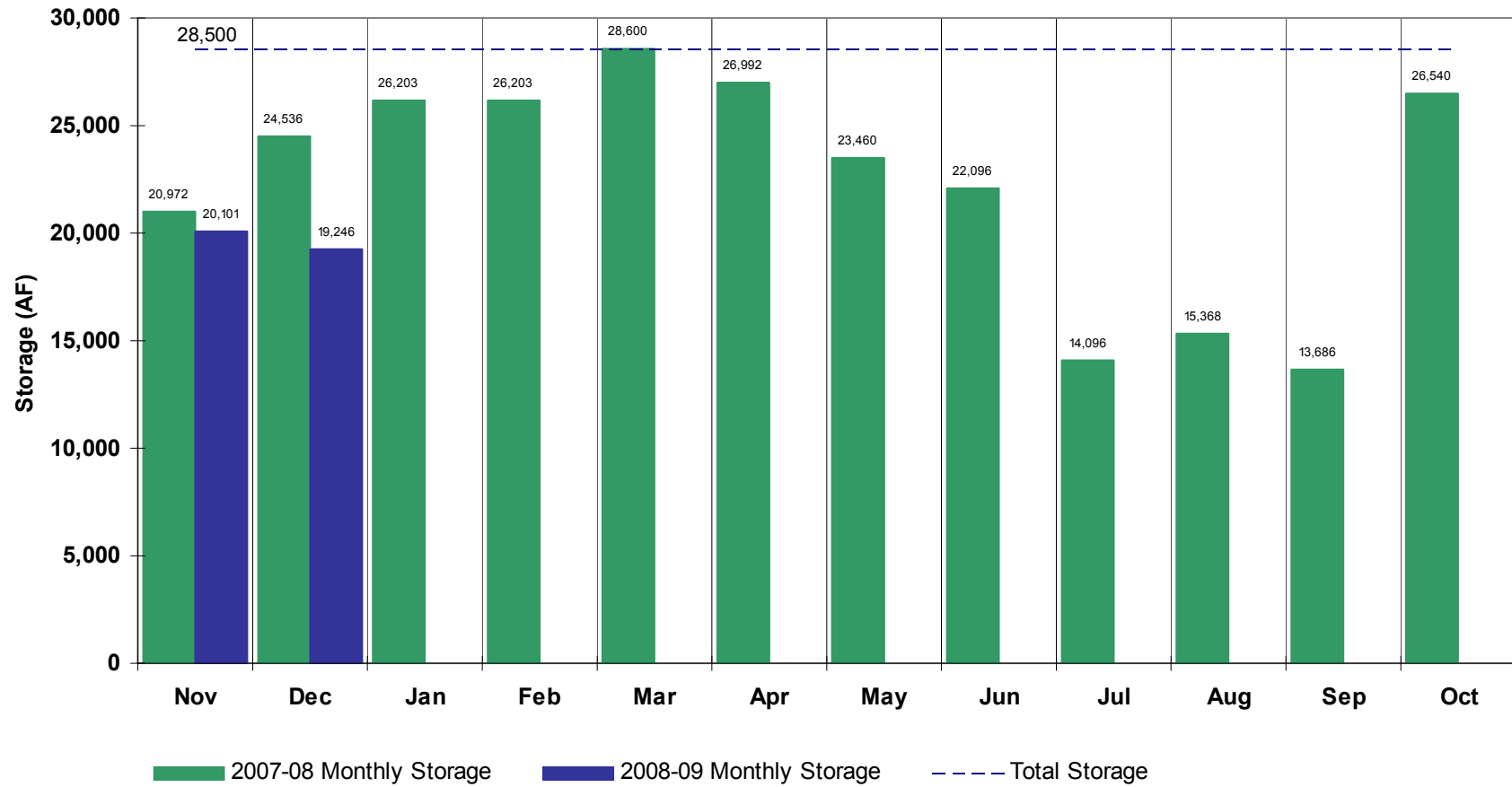
Empire Reservoir

(District 1 - Agricultural)



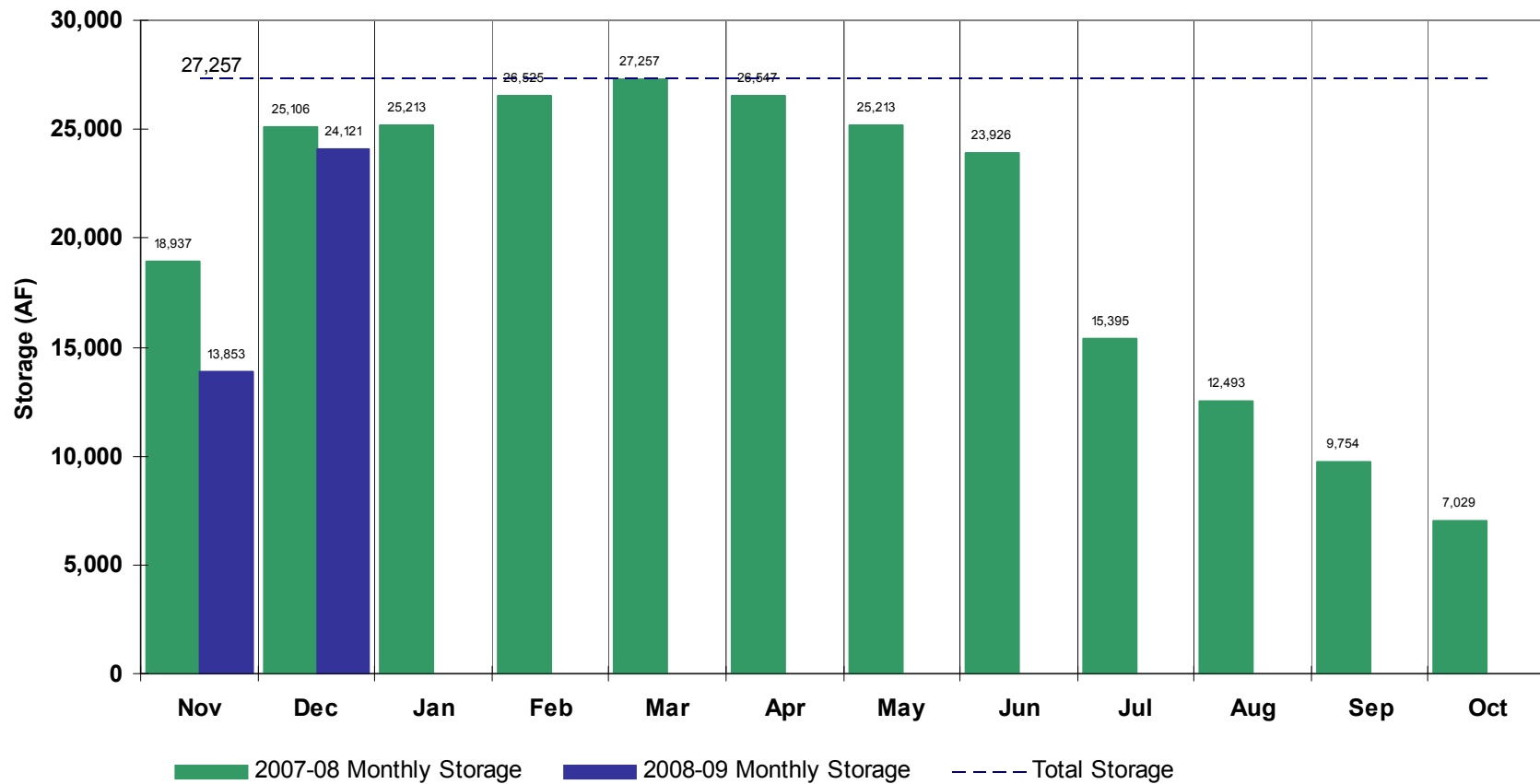
Prewitt Reservoir

(District 64- Agricultural)



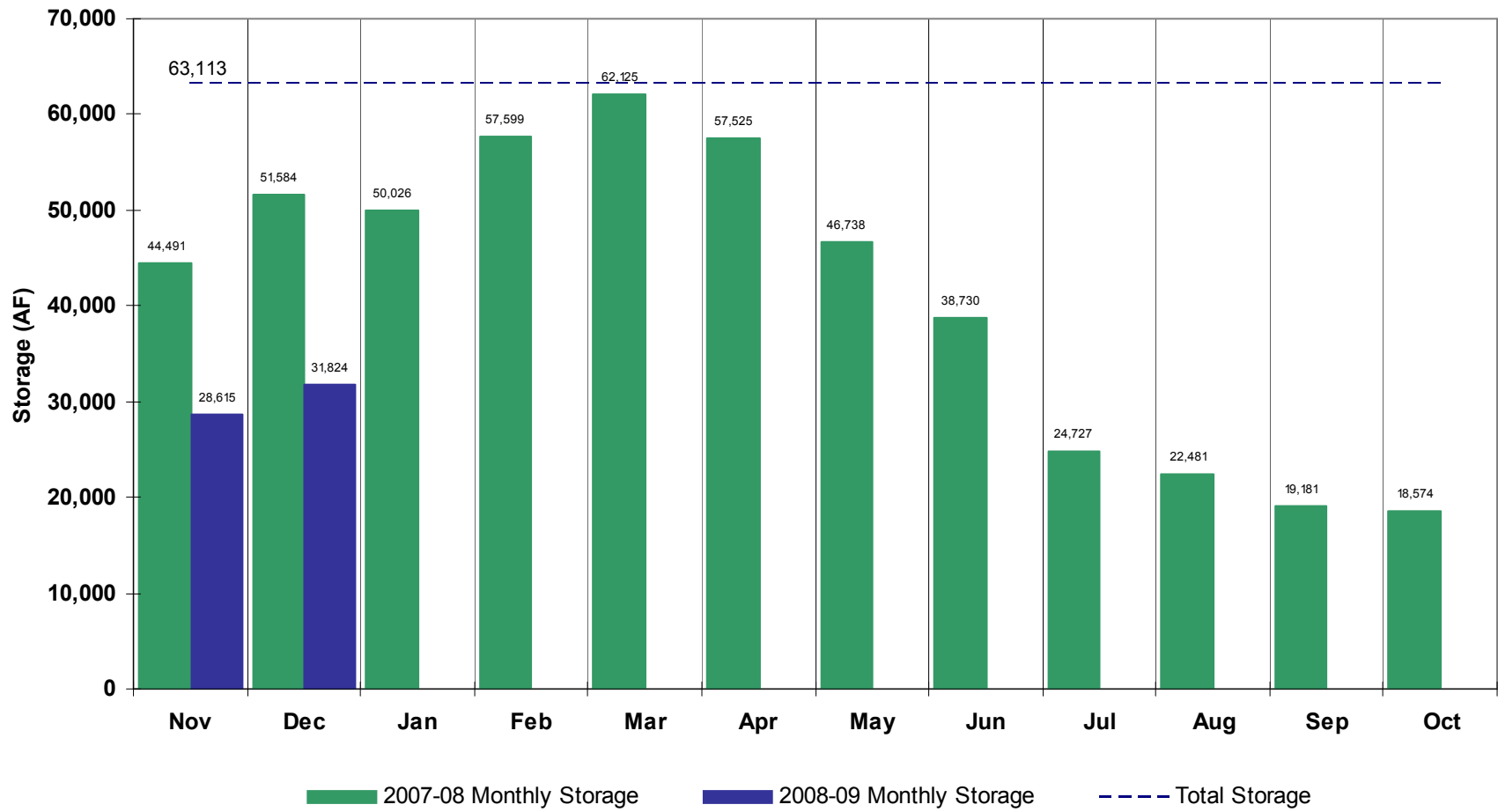
Jackson Reservoir

(District 1- Agricultural)



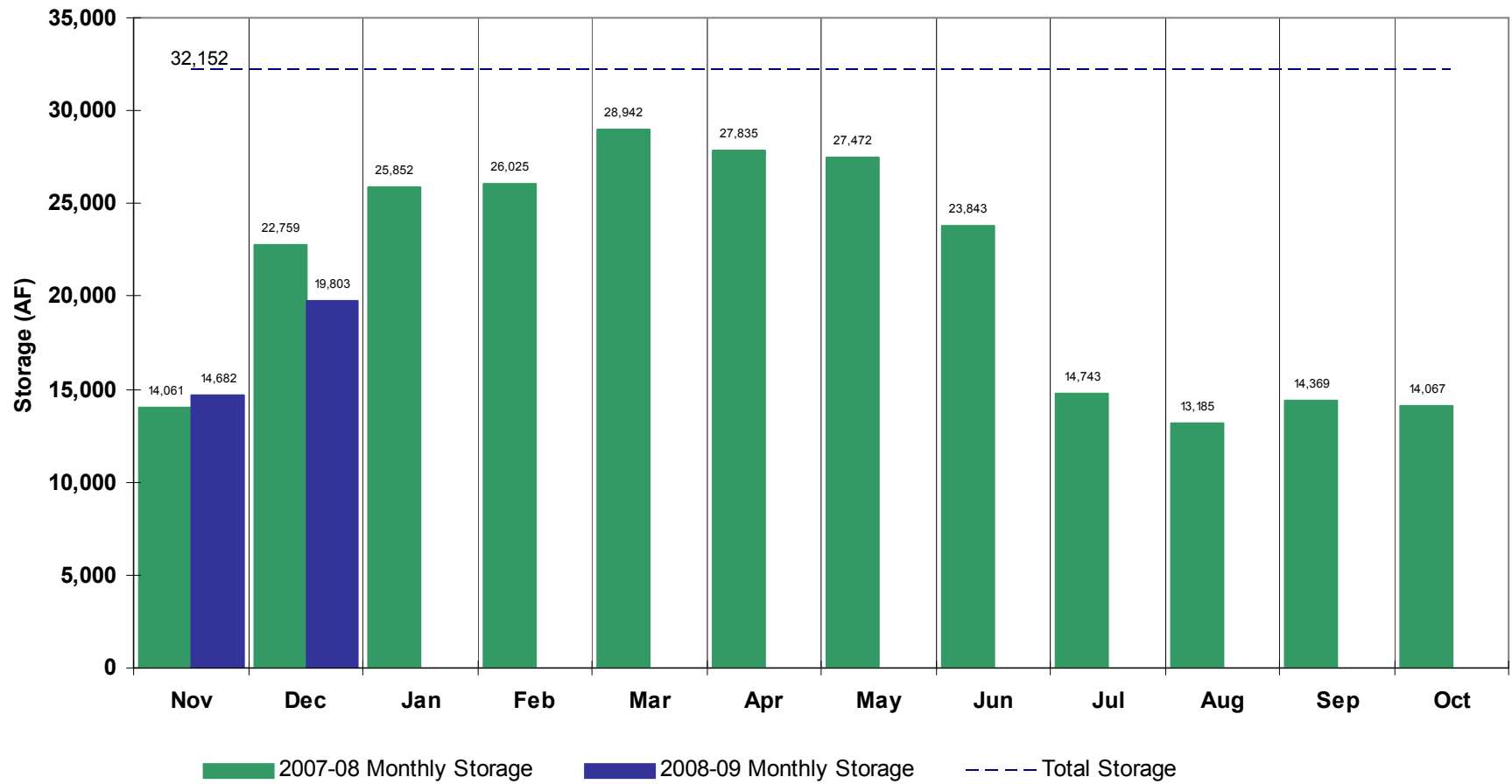
Riverside Reservoir

(District 1 - Agricultural)



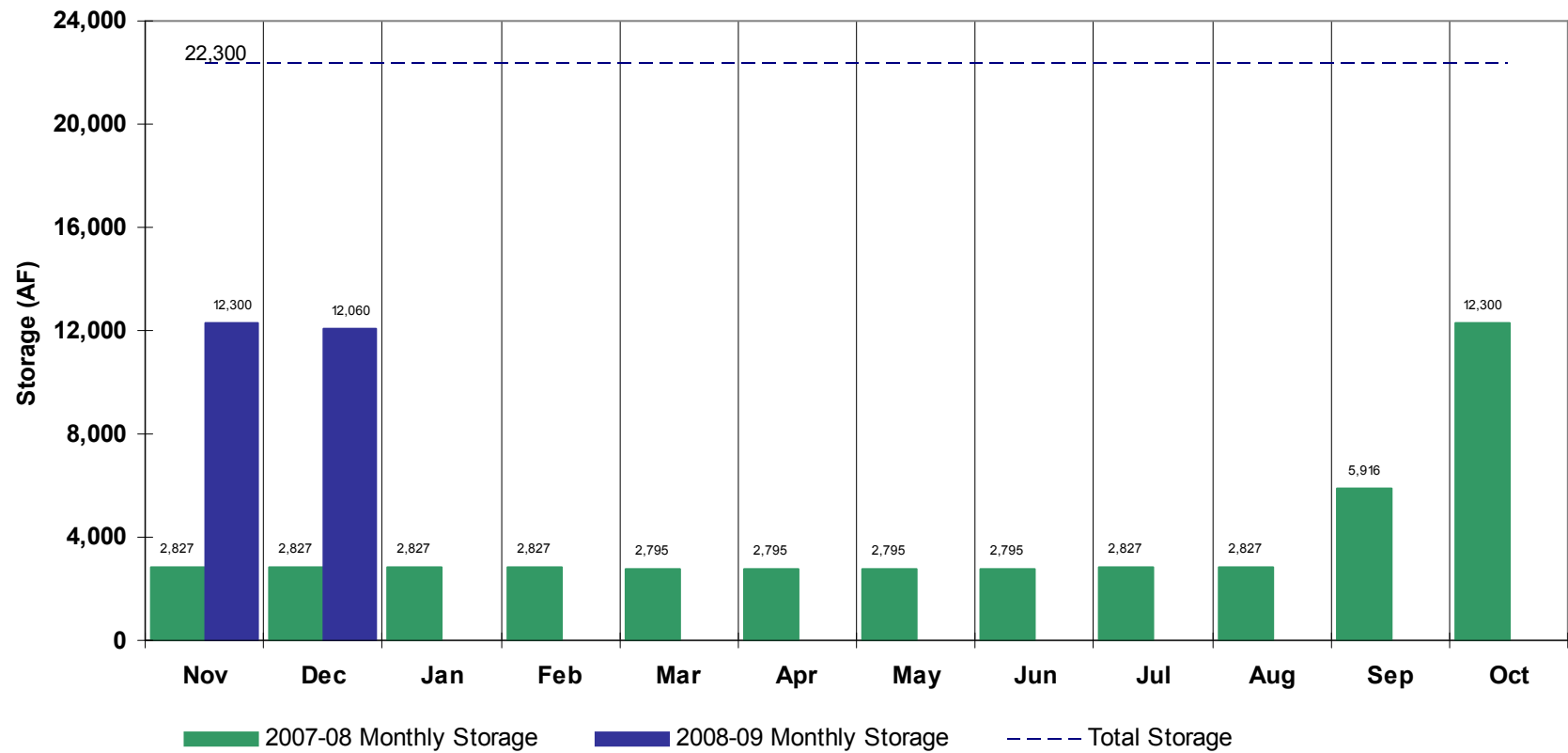
Barr Lake

(District 2 - Agricultural)



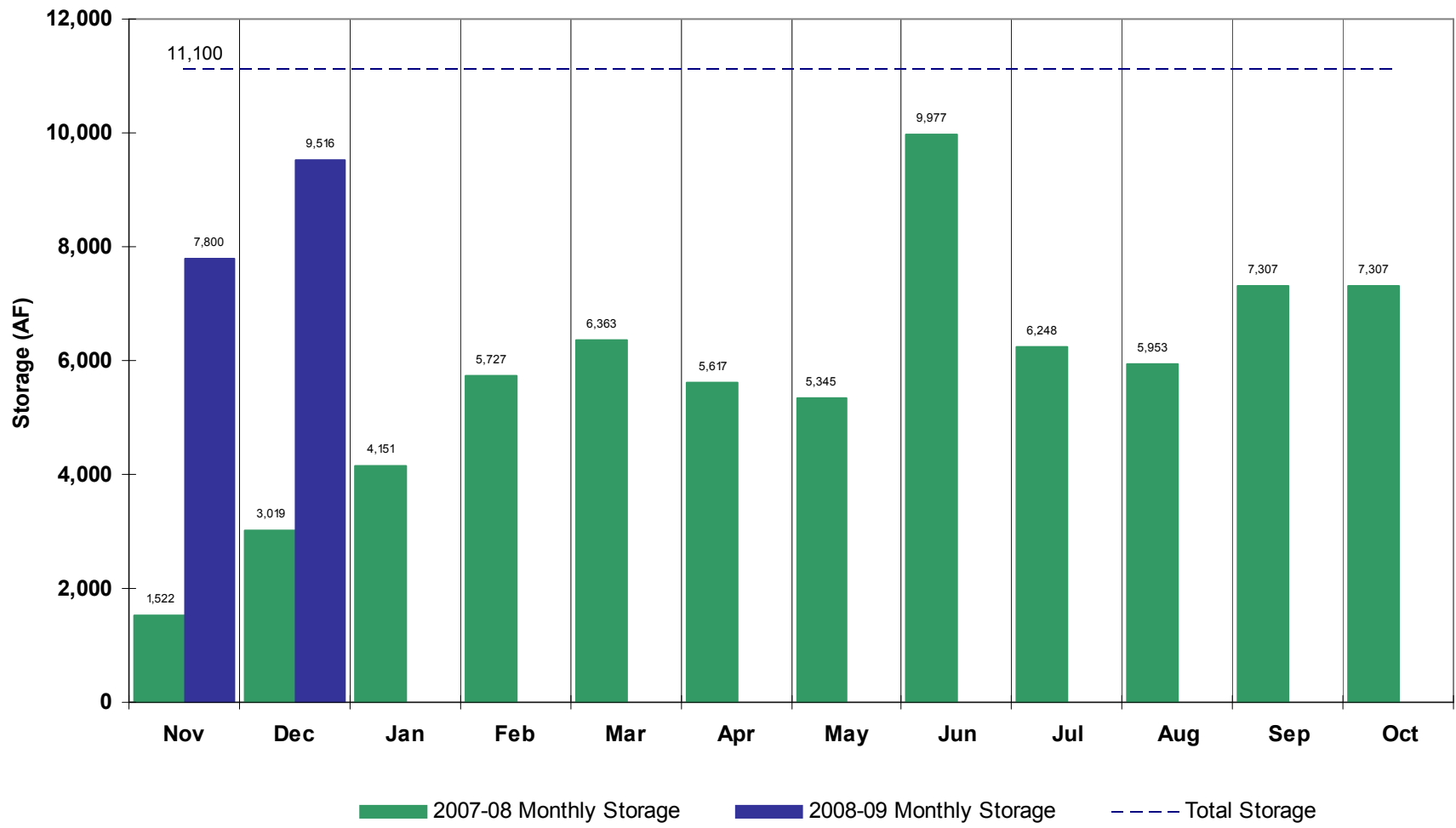
Cobb Lake

(District 3, Poudre River - Agricultural)



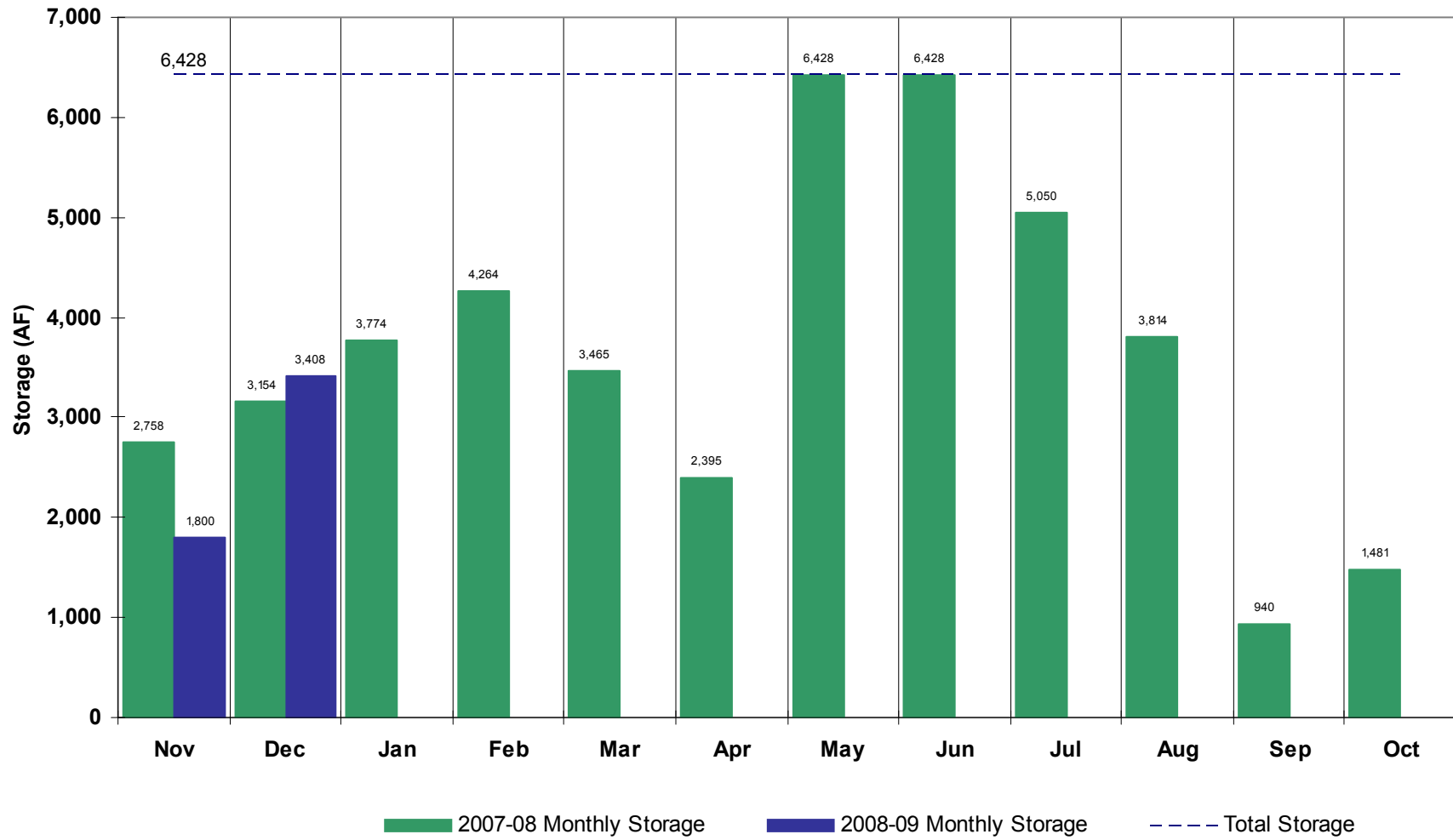
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



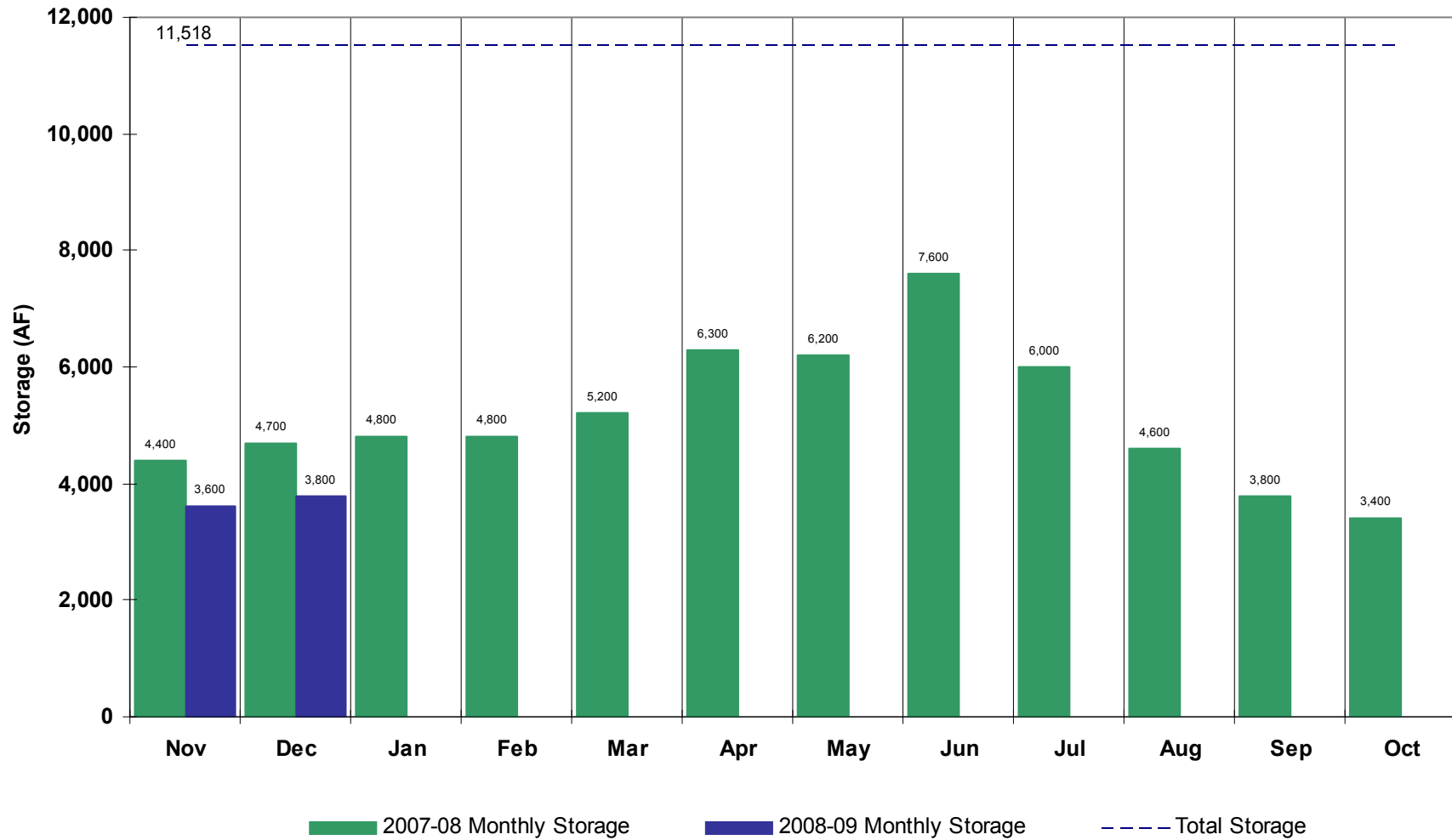
Halligan Reservoir

(District 3, Poudre River - Agricultural)



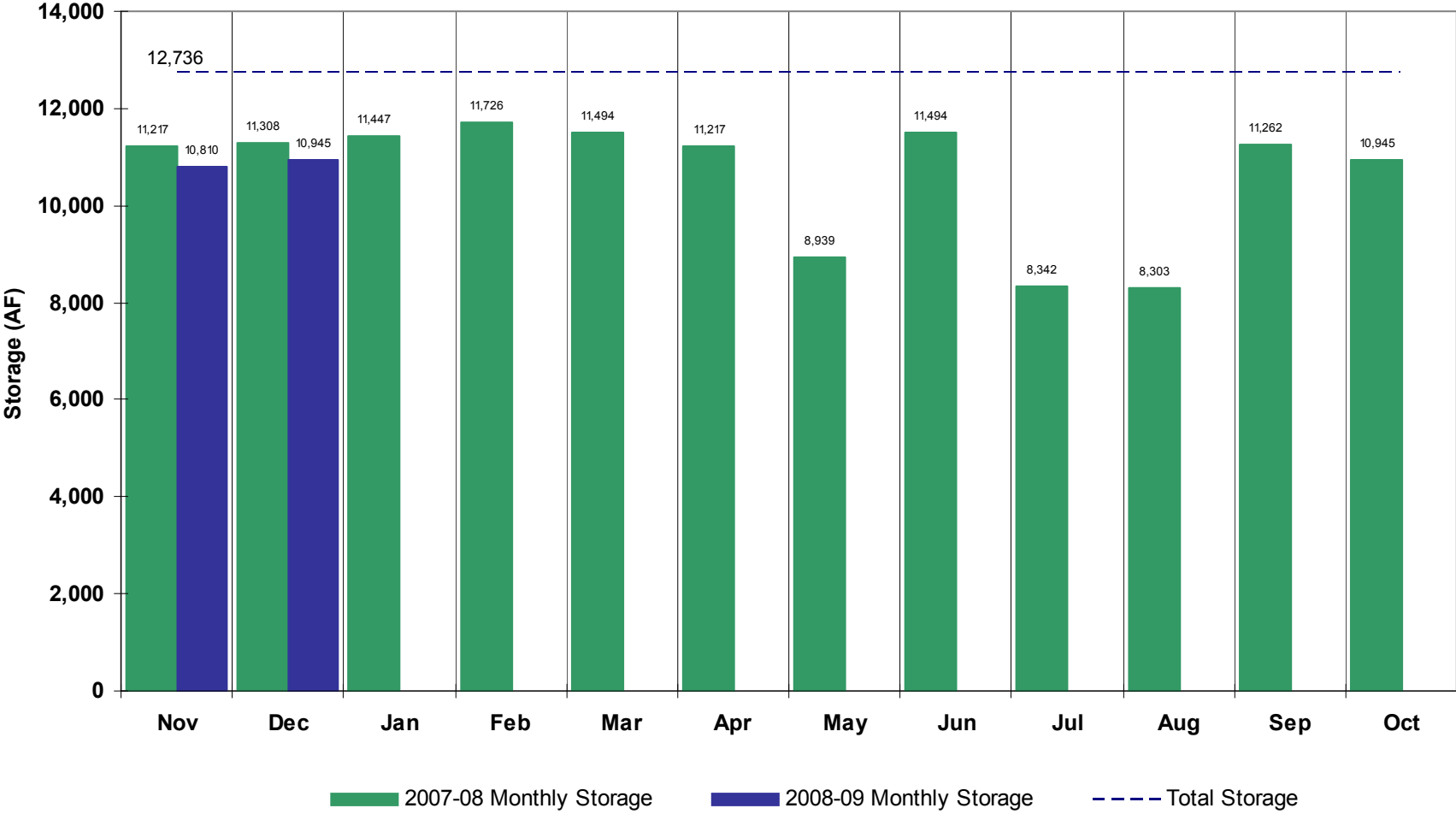
Marshall Lake

(District 6, Boulder Creek - Agricultural)



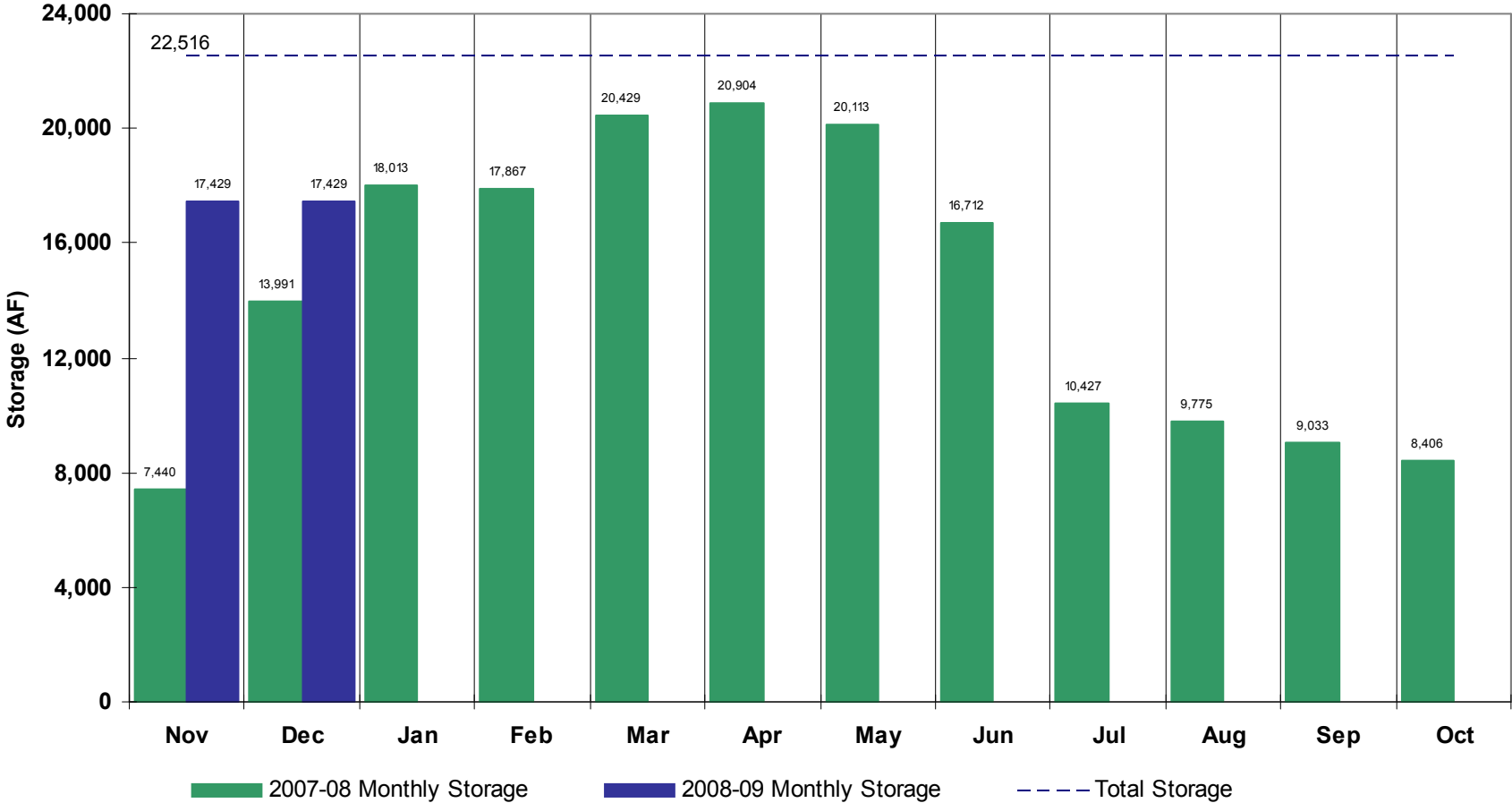
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



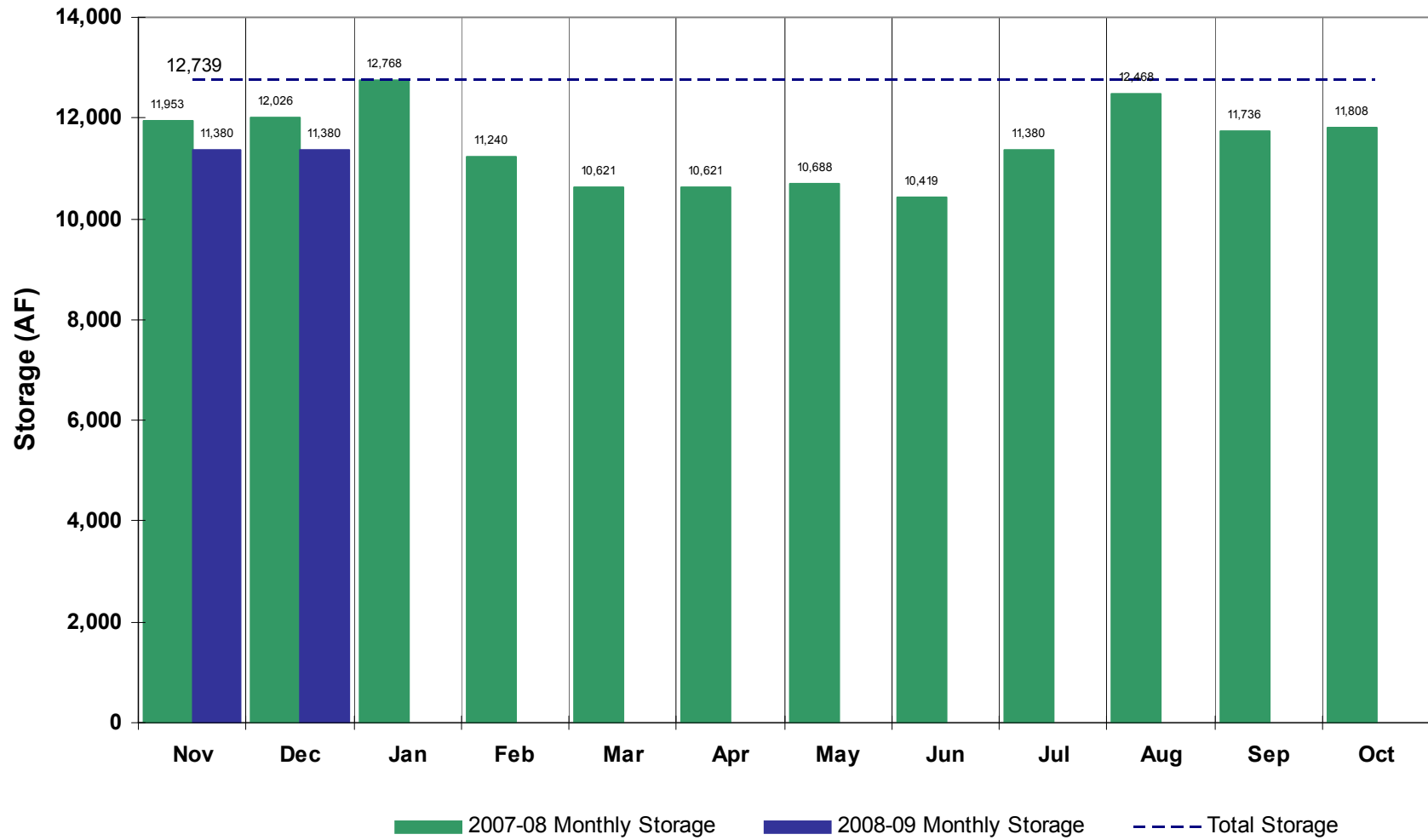
Milton Reservoir

(District 2 - Agricultural)

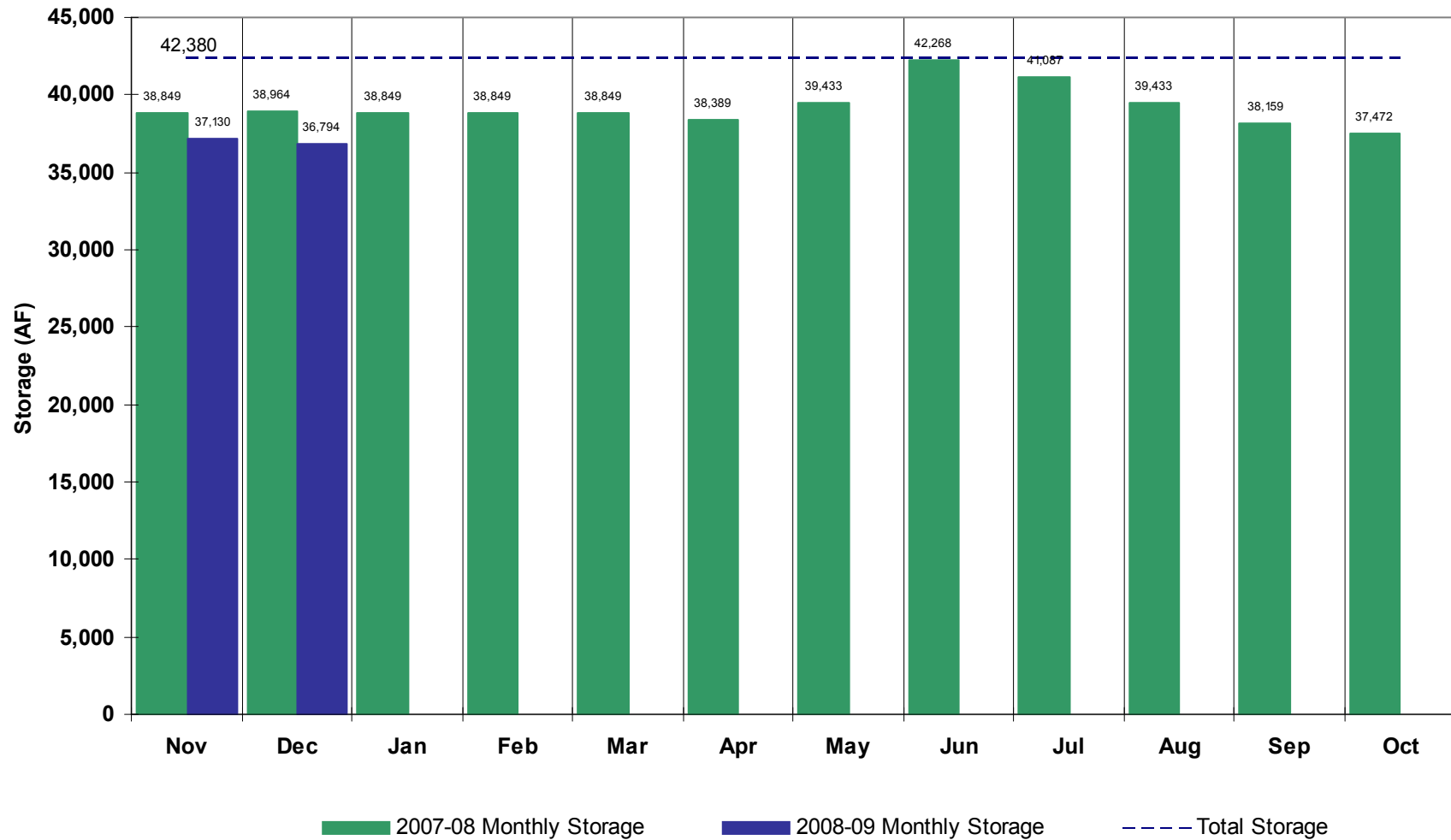


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

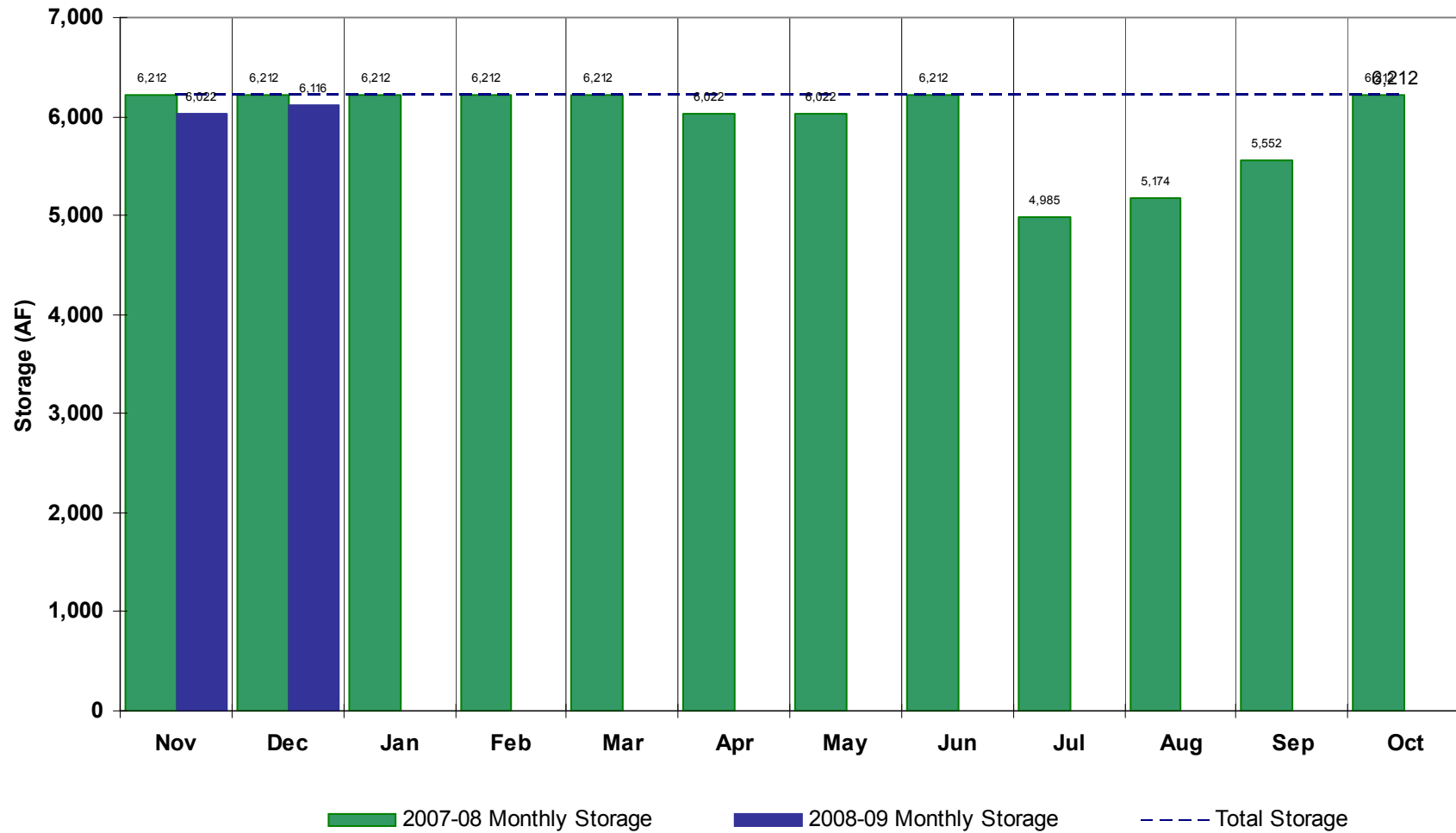


Standley Lake (Agricultural)



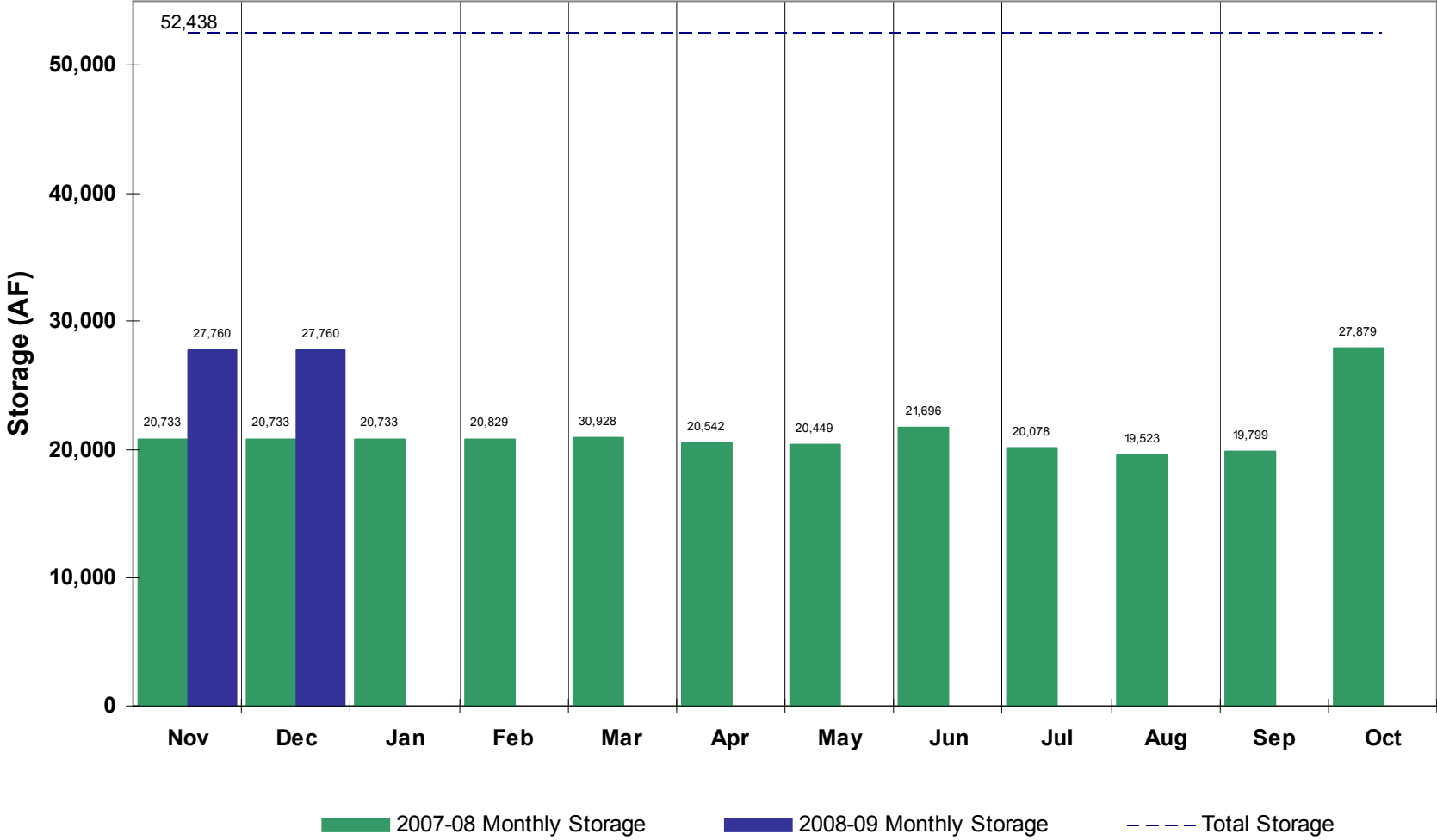
Lower Latham Reservoir

(District 2 - Agricultural)



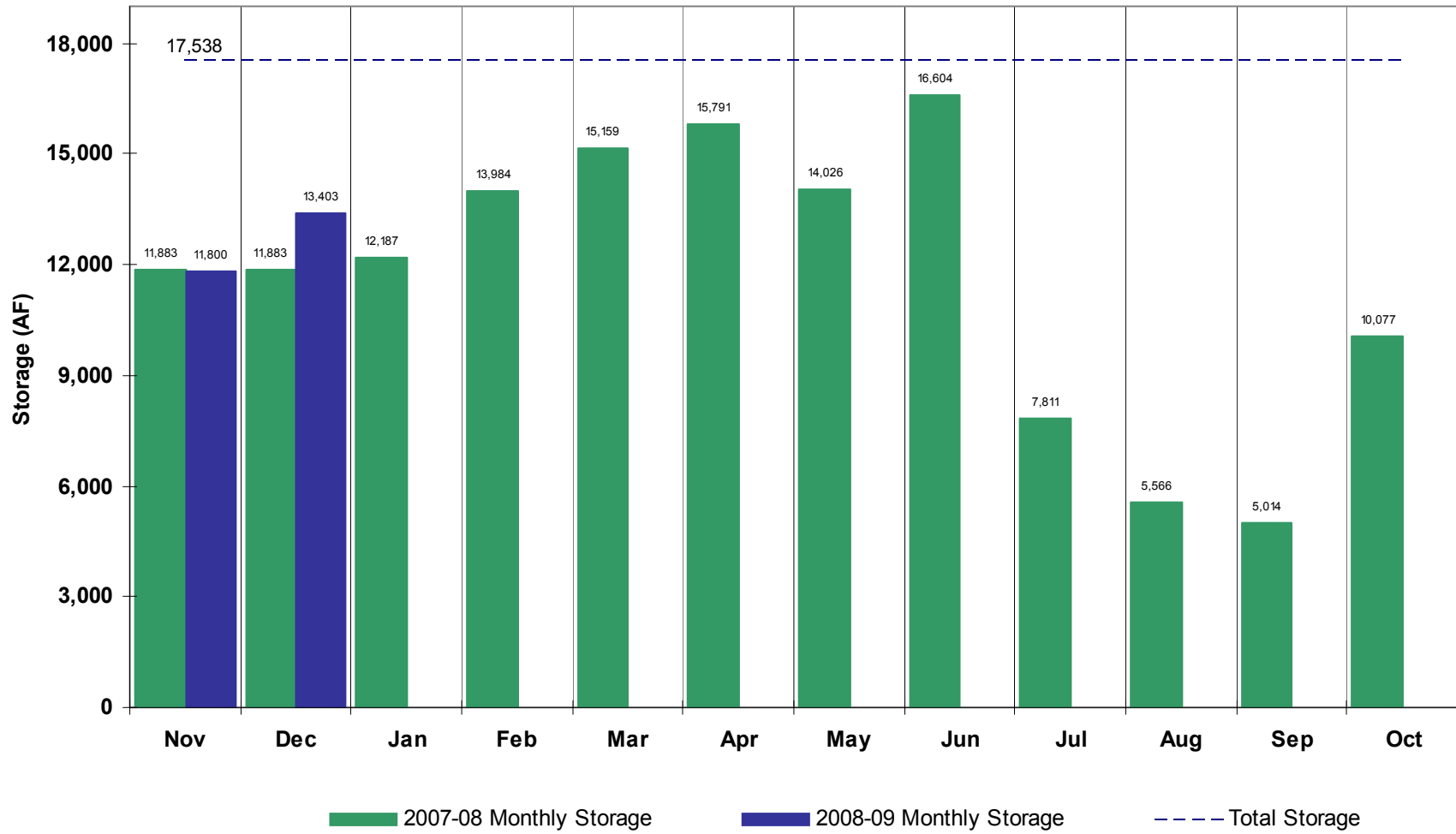
Boyd Lake

(District 4, Big Thompson River - Agricultural)



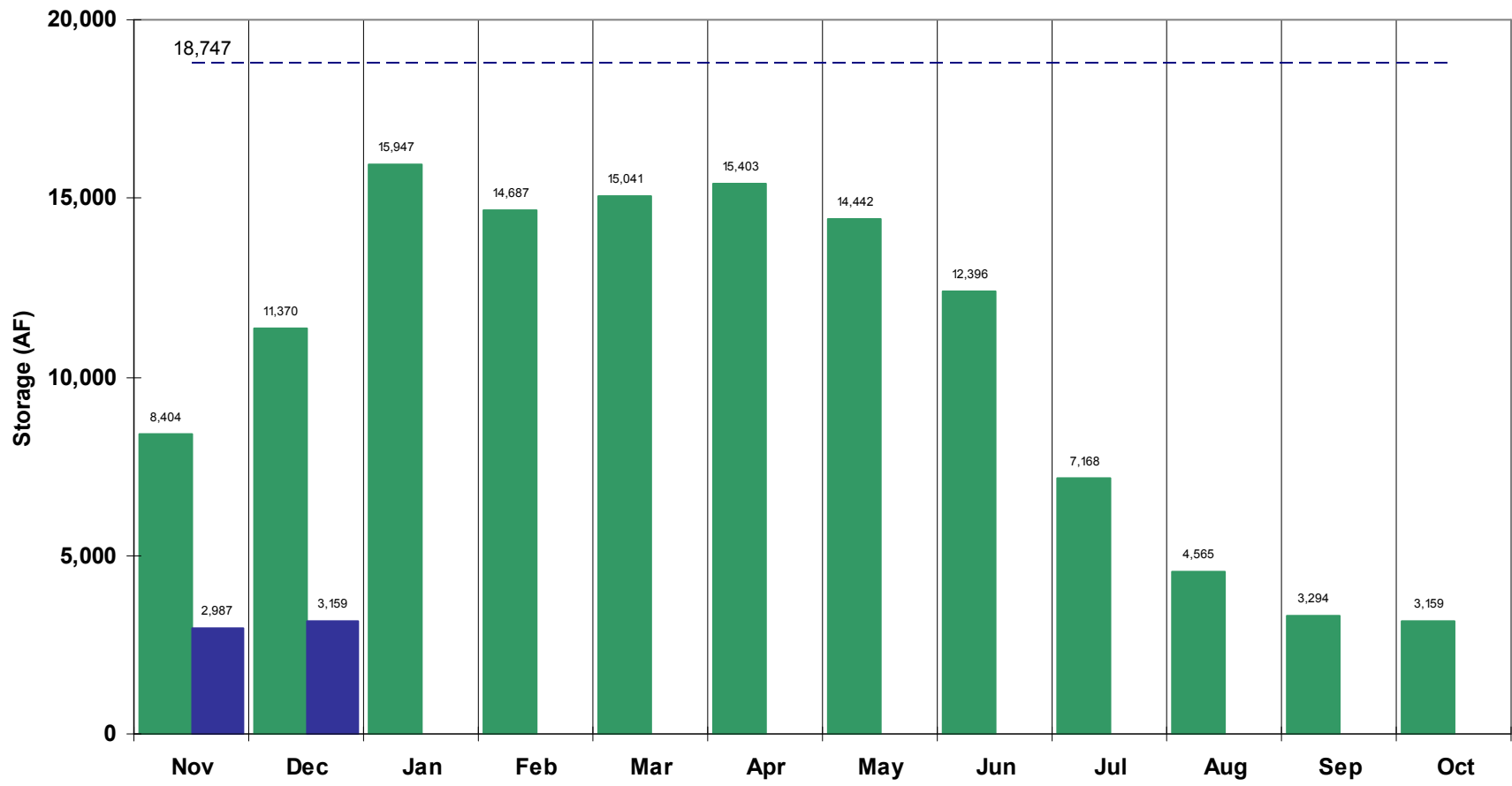
Windsor Reservoir

(District 3, Poudre River - Agricultural)



Horse Creek Reservoir

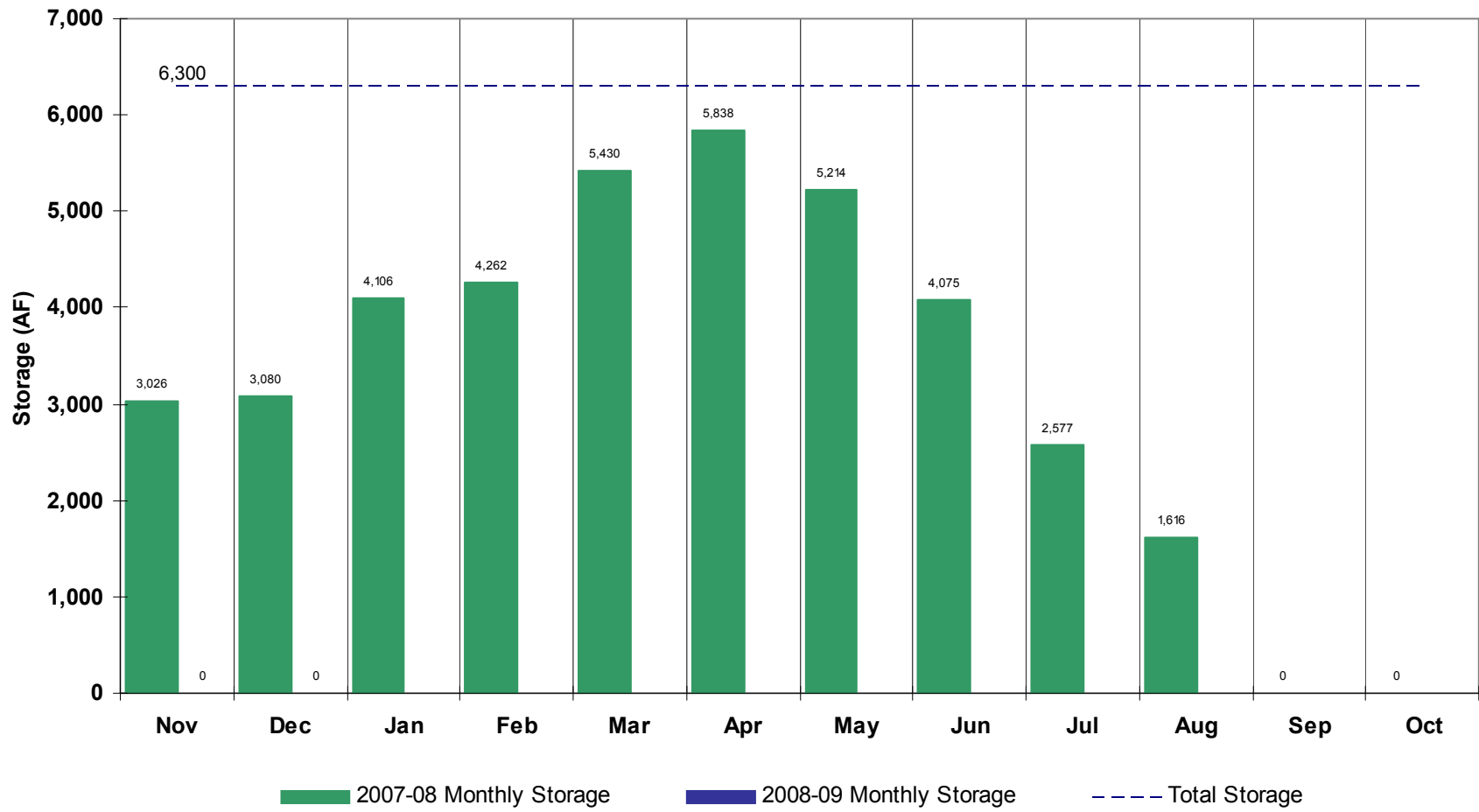
(District 1 - Agricultural)



■ 2007-08 Monthly Storage ■ 2008-09 Monthly Storage - - - Total Storage

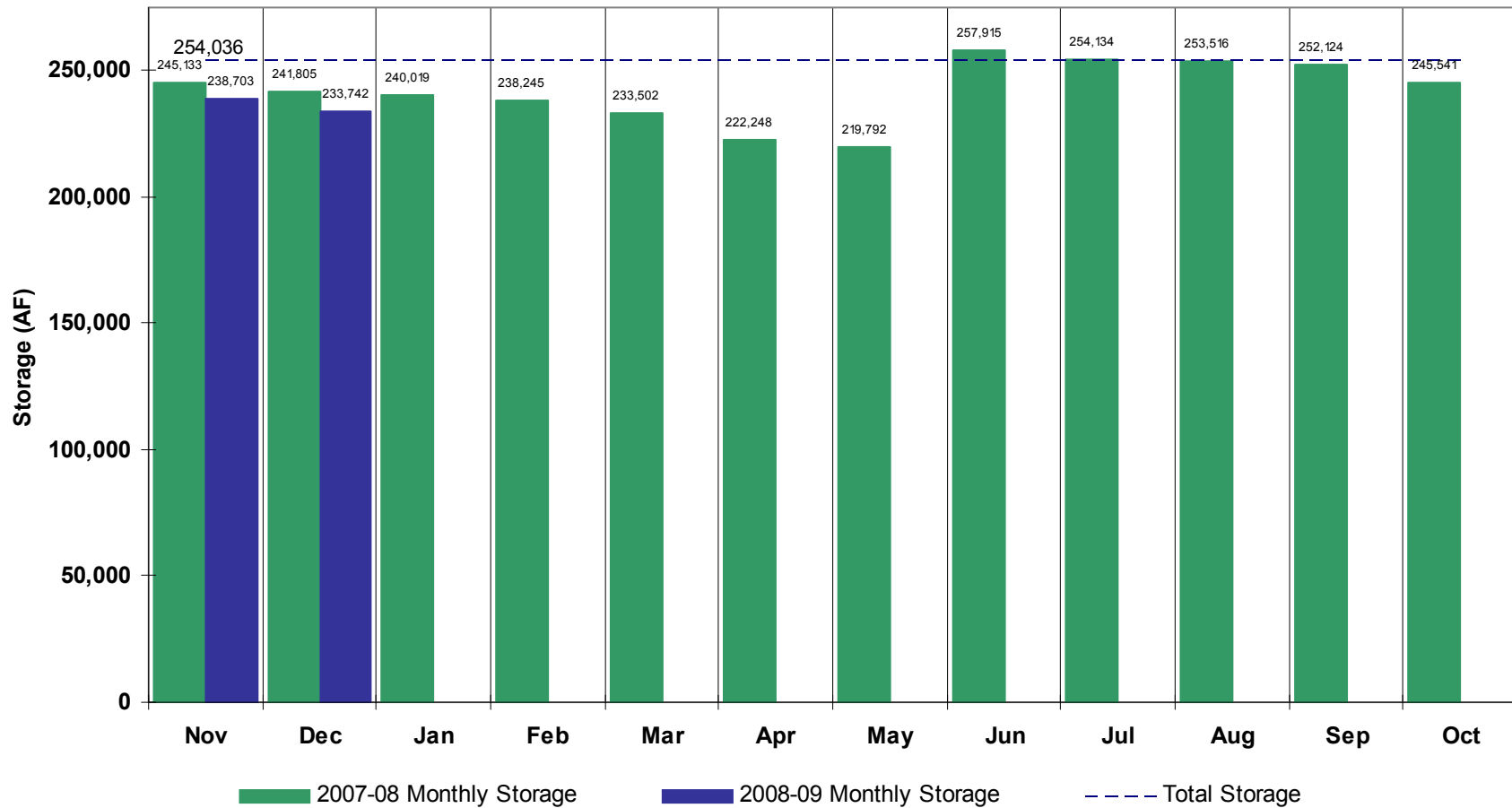
Prospect Reservoir

(District 1- Agricultural)



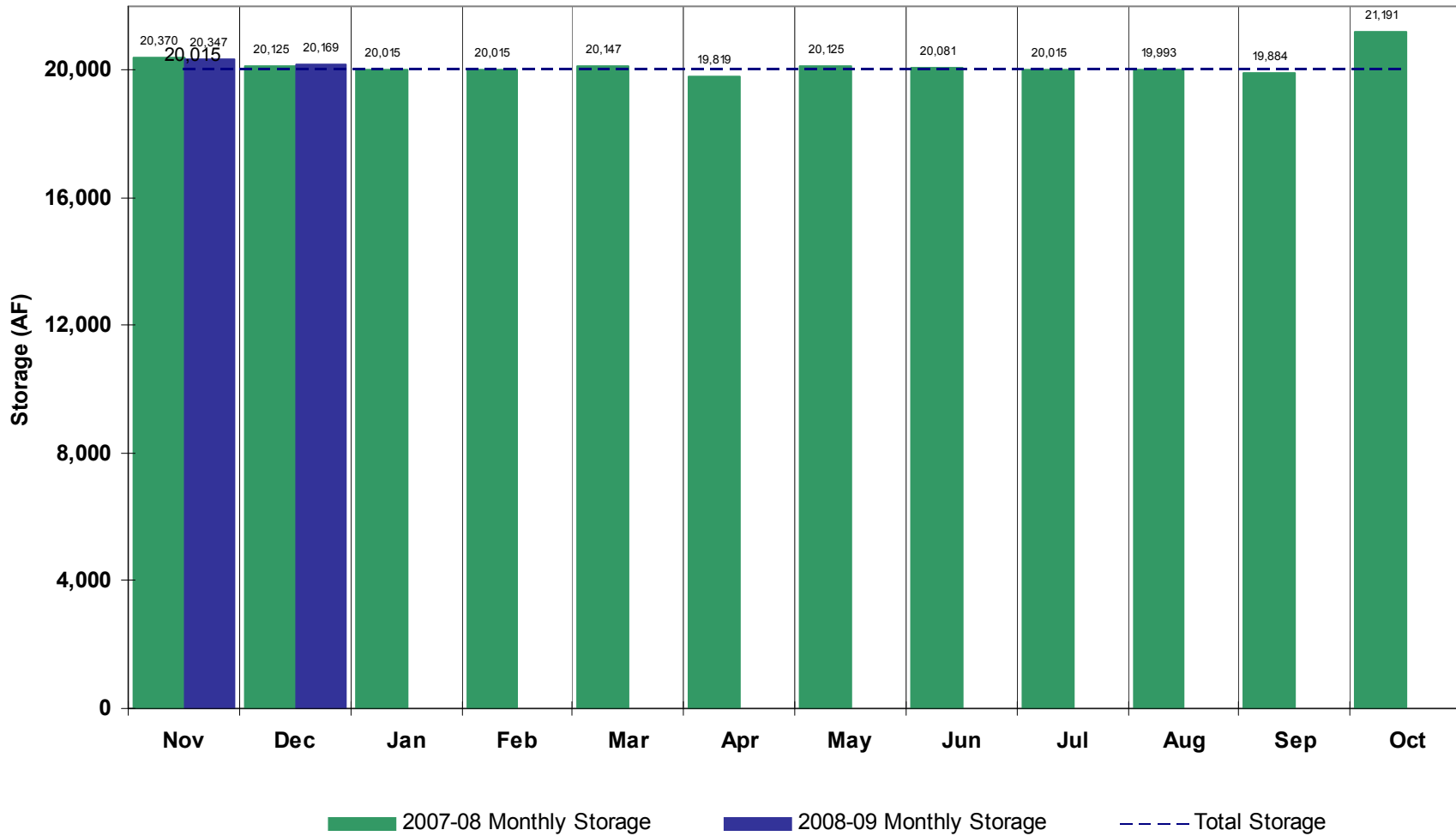
Dillon Reservoir

(Municipal)



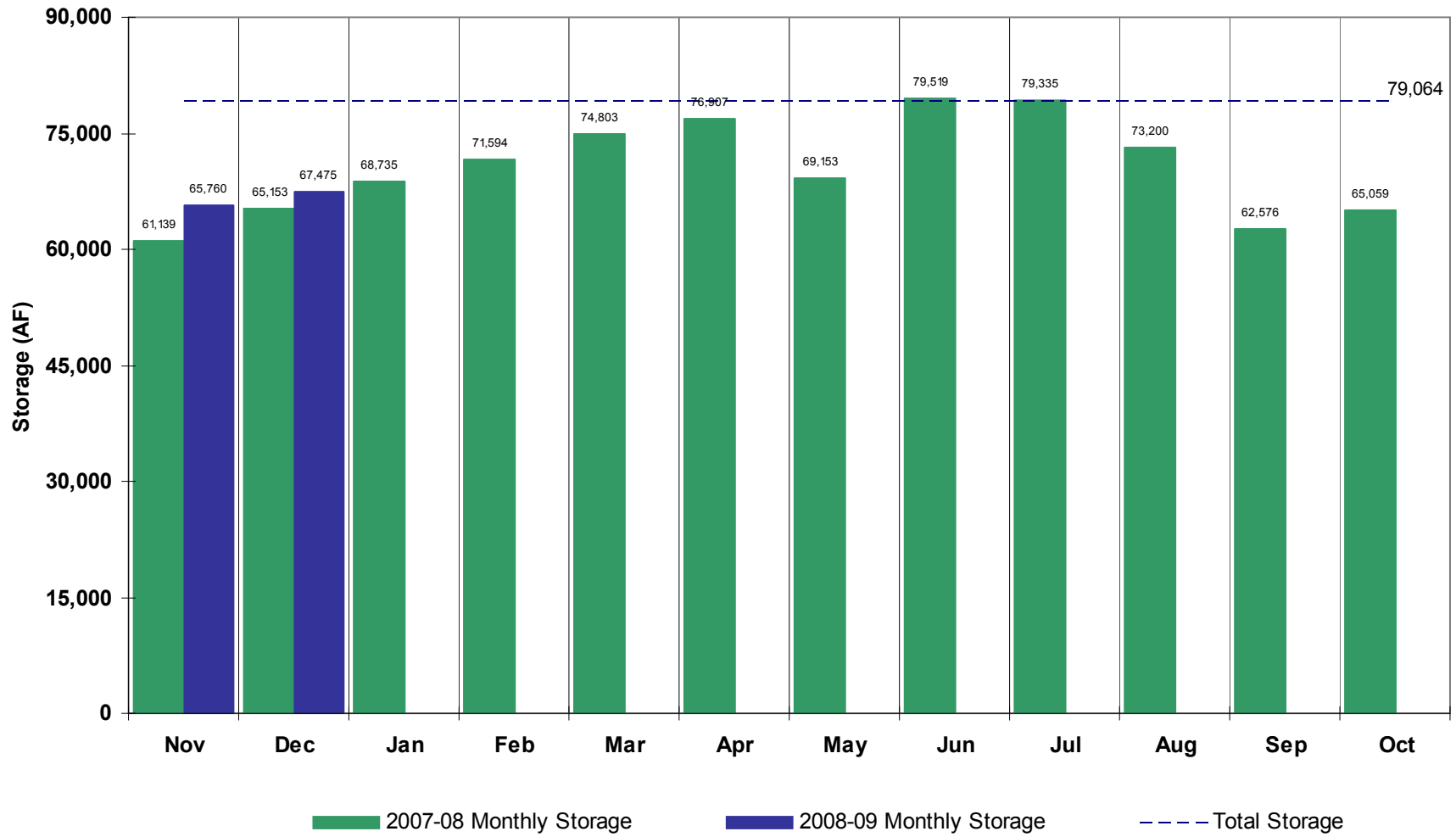
Antero Reservoir

(District 23 - Municipal)



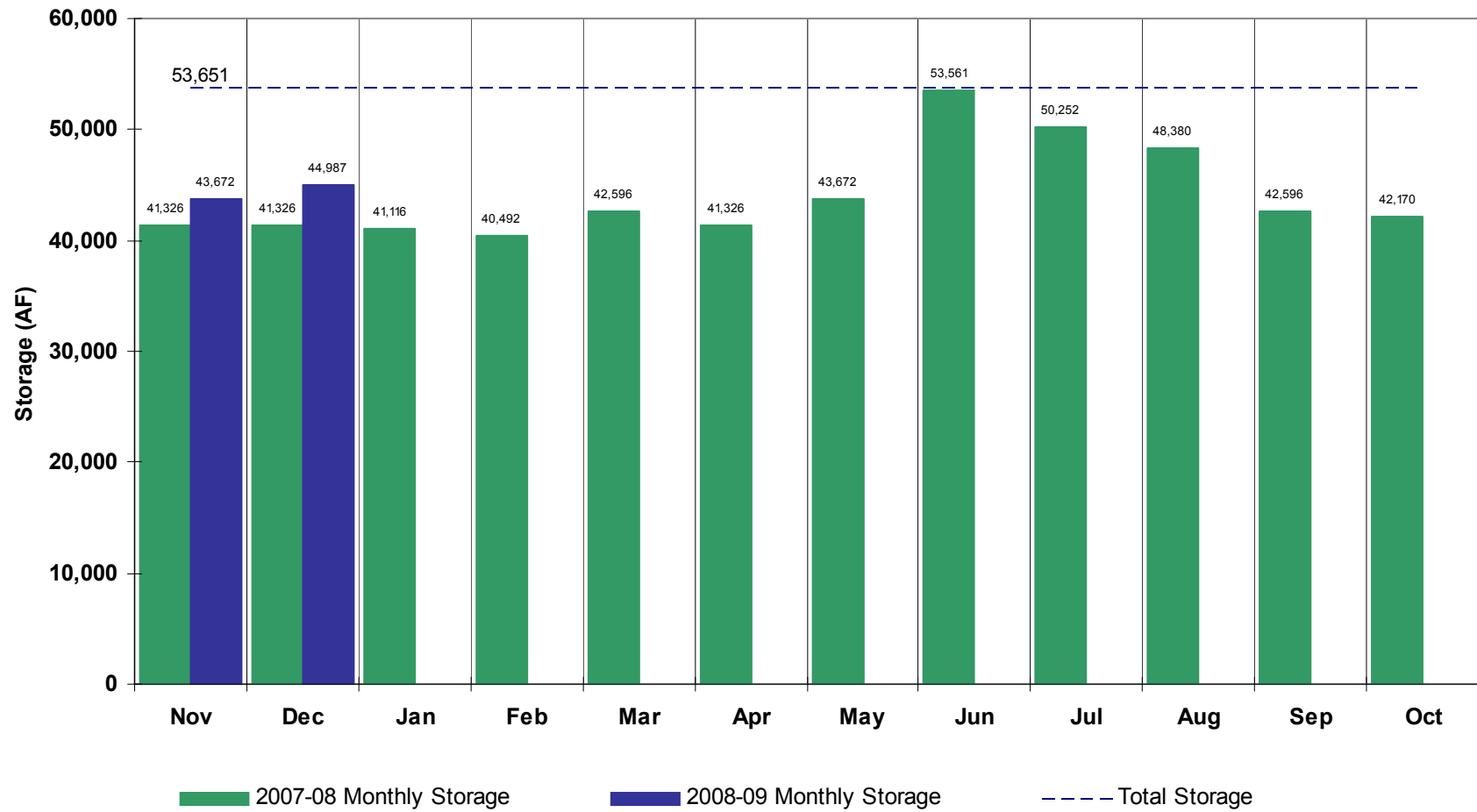
Cheesman Reservoir

(District 80 - Municipal)



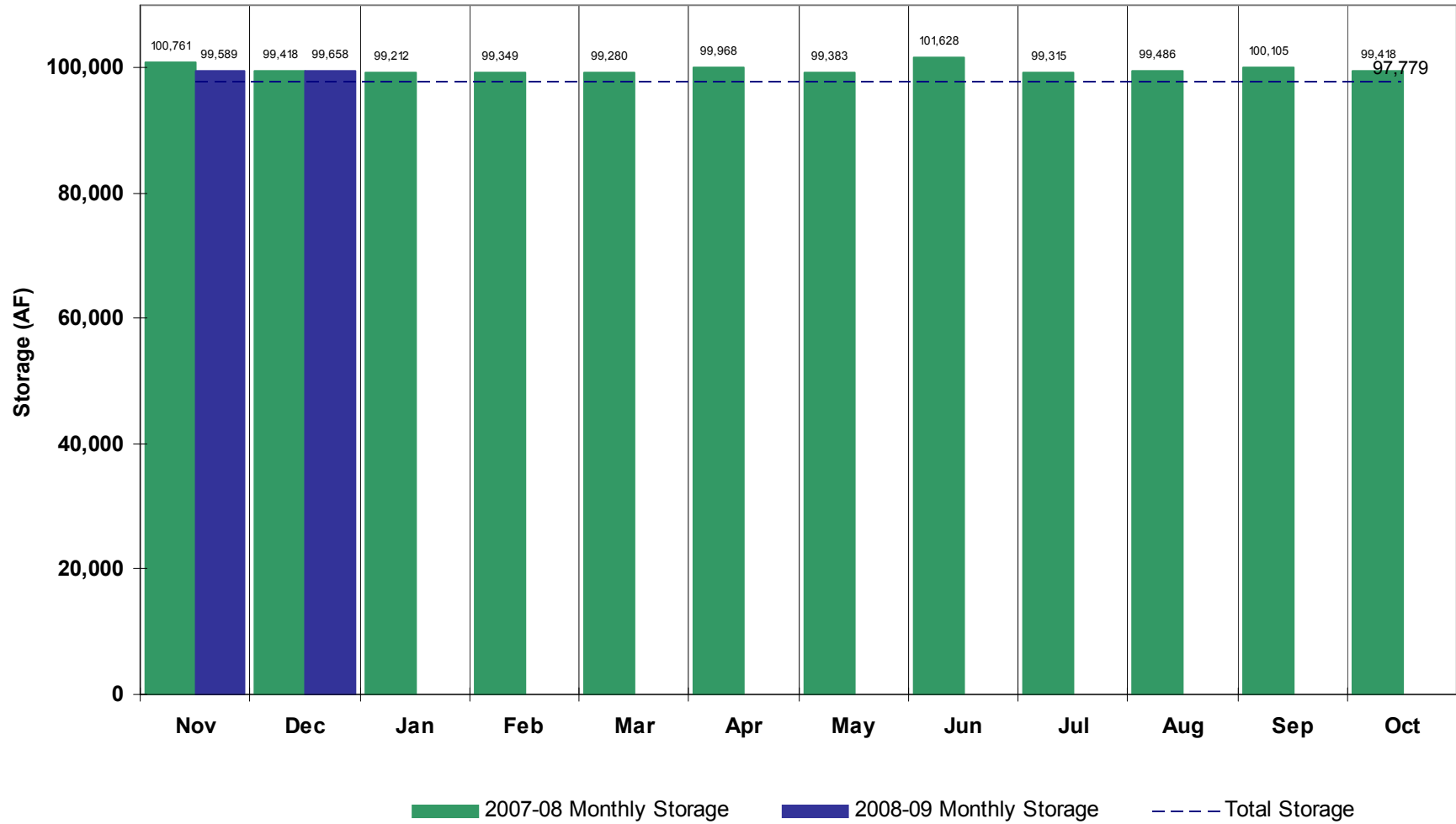
Spinney Mountain Reservoir

(District 23 - Municipal)

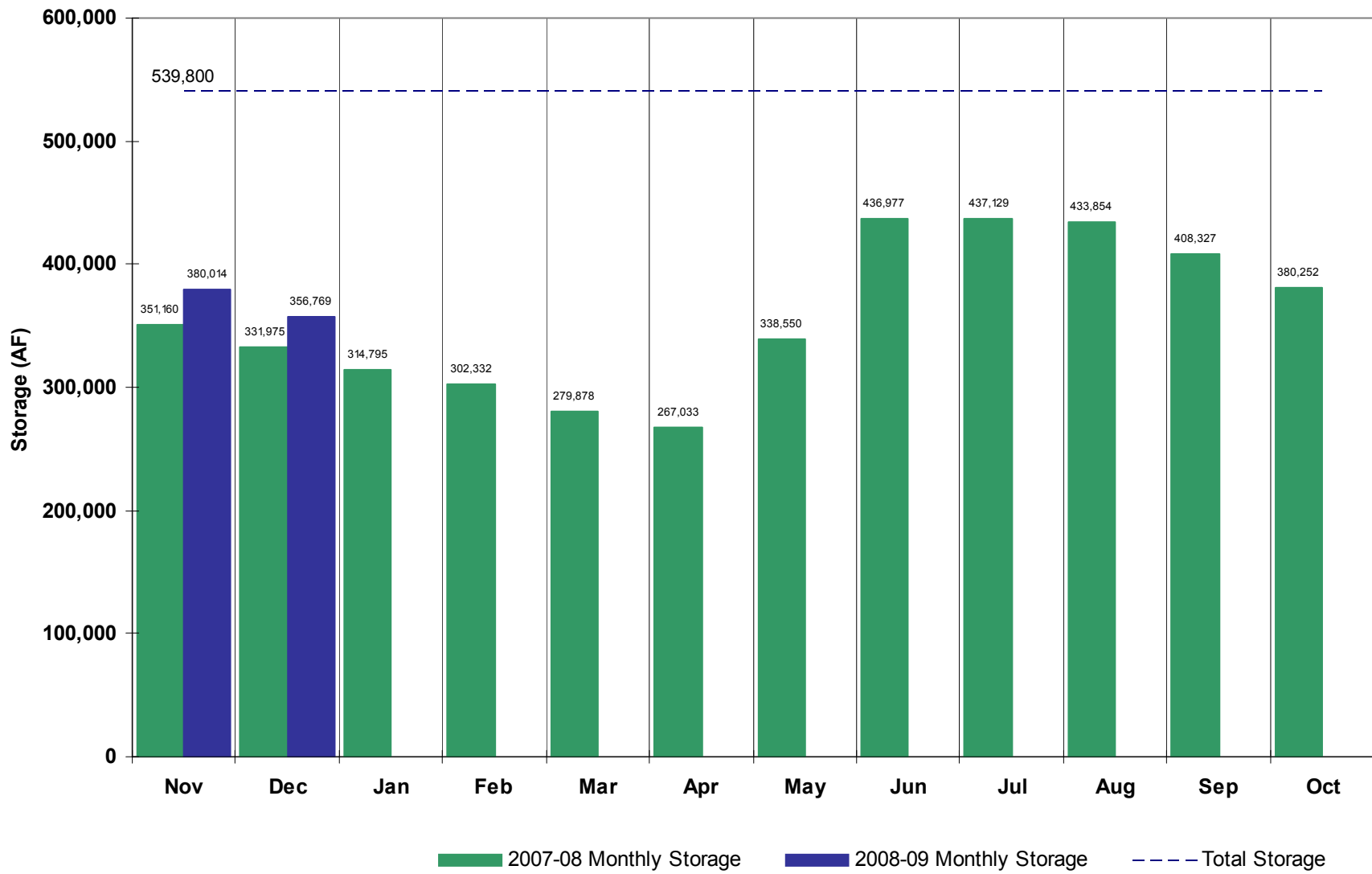


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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



**South Platte River at Henderson
(Photo by Jana Ash)**