

South Platte Summary

September 2009

Compiled by Jana Ash



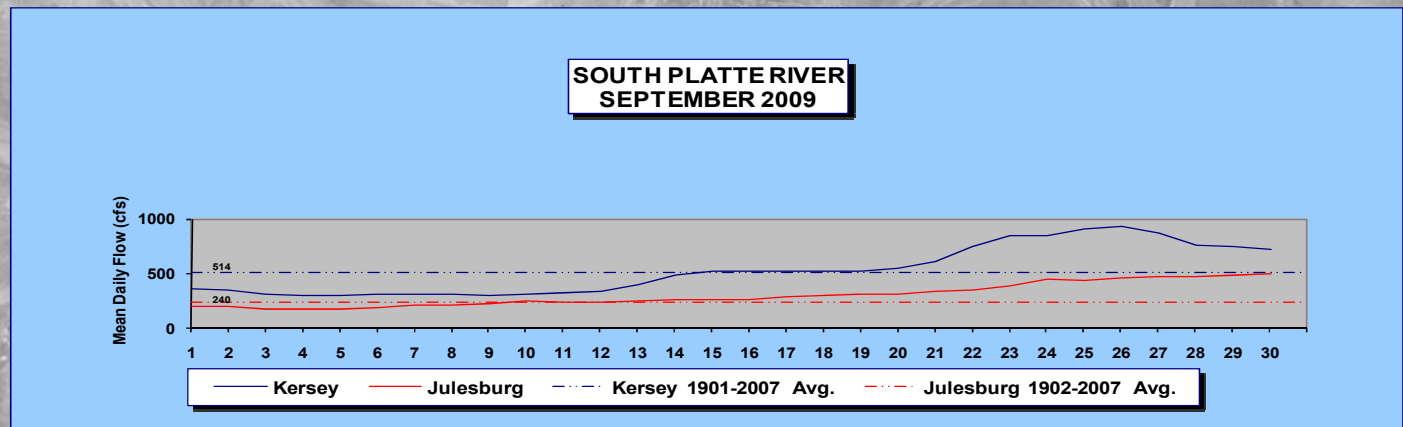
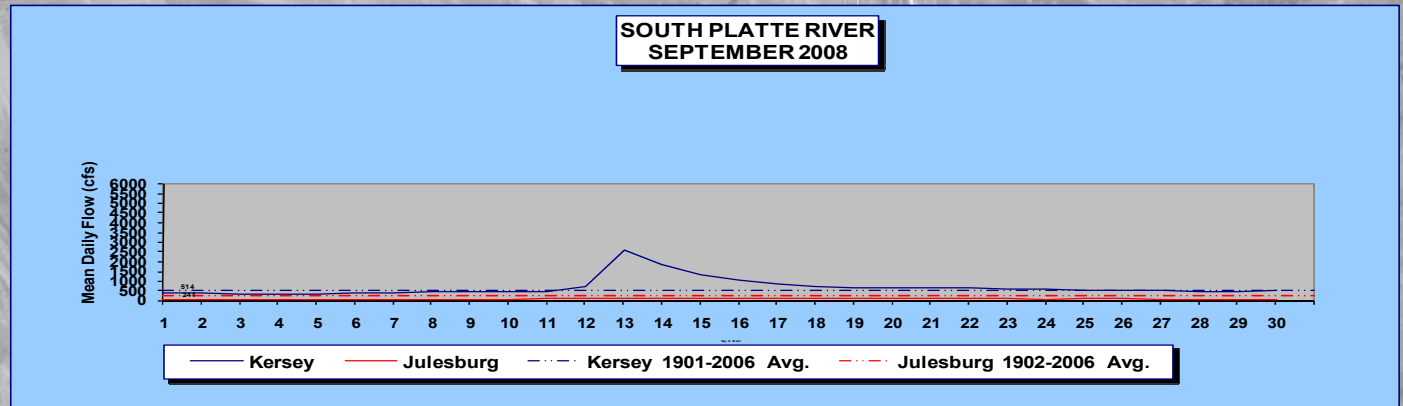
Bear Creek at Morrison
(Photo by Jana Ash)

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

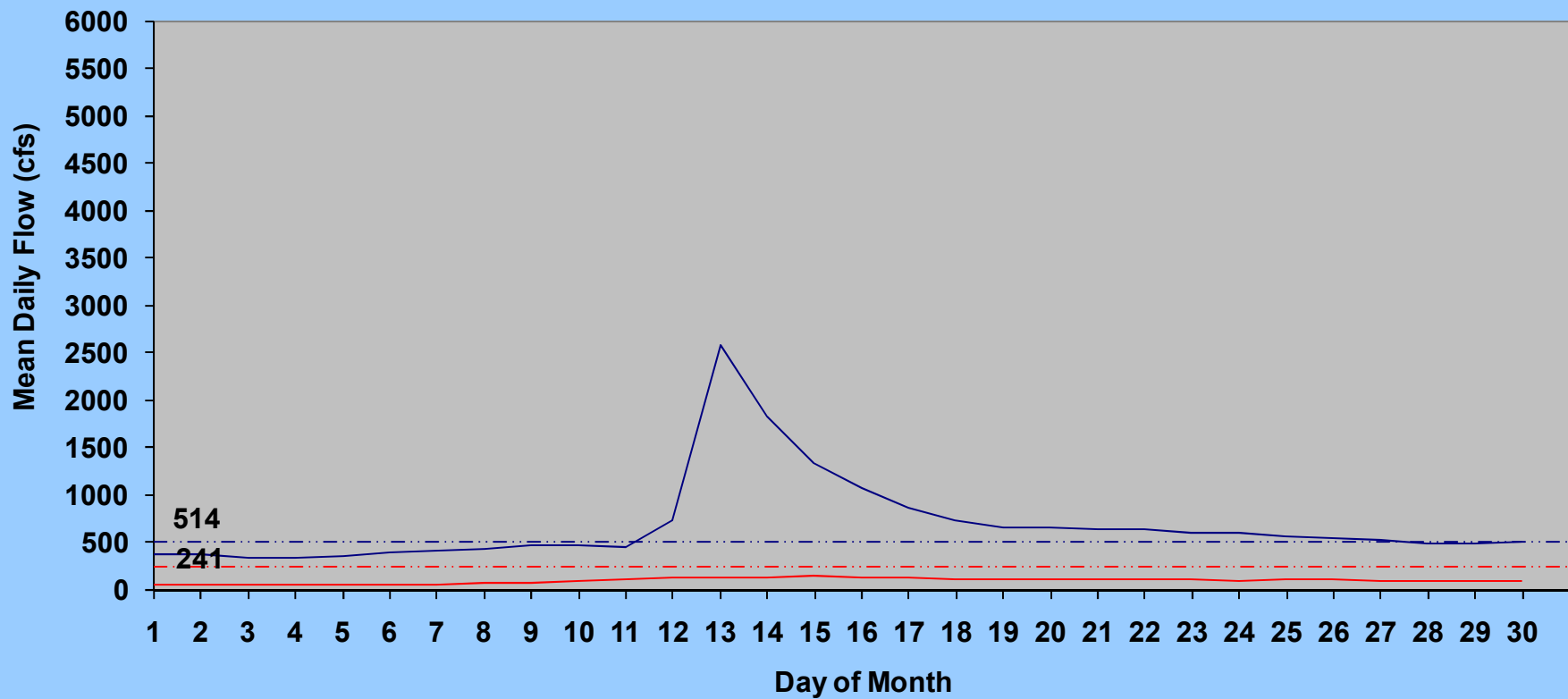
MONTH OF SEPTEMBER 2009

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	14,710	13,129	64	-1,581	-11%	58%	39%	0
N STERLING	73,730	35,544	24,938	64	-10,606	-30%	34%	19%	0
PREWITT	28,500	25,765	23,035	64	-2,730	-11%	81%	48%	0
JACKSON	27,257	20,798	18,262	1	-2,536	-12%	67%	36%	0
EMPIRE	37,700	8,472	4,358	1	-4,114	-49%	12%	11%	0
RIVERSIDE	63,113	33,838	32,033	1	-1,805	-5%	51%	30%	0
BARR LAKE	31,652	17,701	13,584	2	-4,117	-23%	43%	45%	0
CHEESMAN	79,064	73,009	69,451	80	-3,558	-5%	88%	79%	0
ELEVEN MILE	97,779	99,349	99,658	23	309	0%	100%	100%	1,879
SPINNEY	53,651	50,016	44,546	23	-5,470	-11%	83%	79%	0
ANTERO	20,015	19,754	19,884	23	130	1%	99%	99%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	527
JULESBURG	304
THIS MONTH LAST YEAR	
KERSEY	701
JULESBURG	90
MEAN FOR PERIOD OF RECORD*	
KERSEY	514
JULESBURG	240
* 1901-2007	
1902-2007	

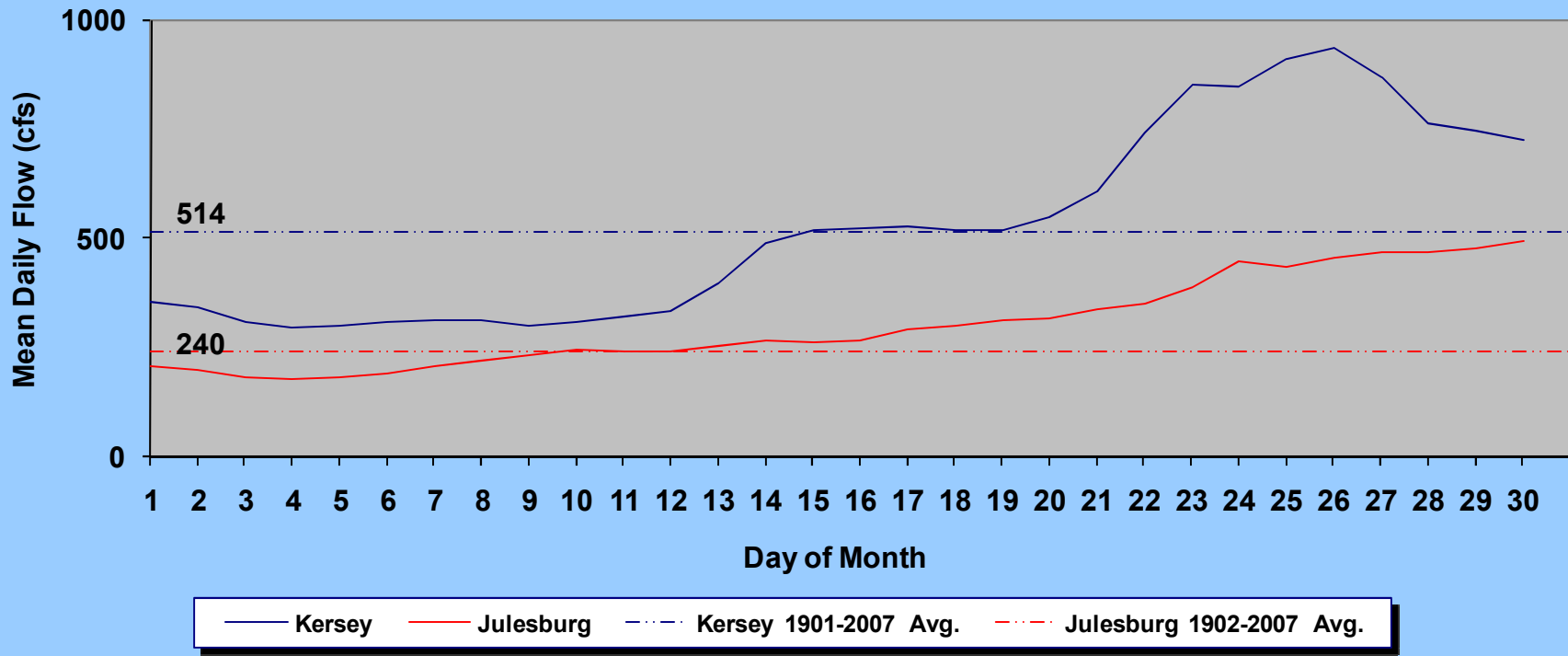


SOUTH PLATTE RIVER SEPTEMBER 2008

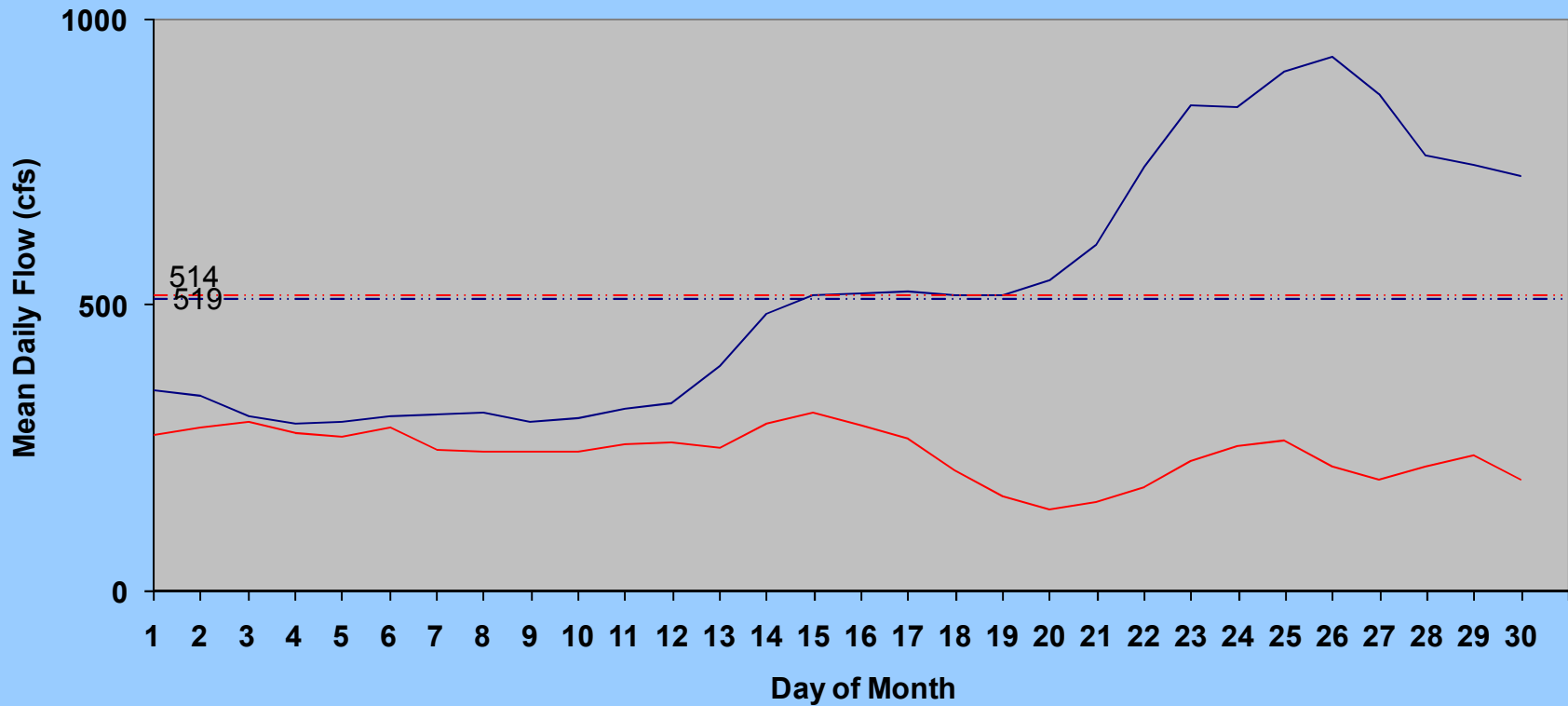


— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

SOUTH PLATTE RIVER SEPTEMBER 2009



KERSEY and BALZAC SEPTEMBER 2009



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

South Platte River Monthly Stream Flow (cfs) Statistics

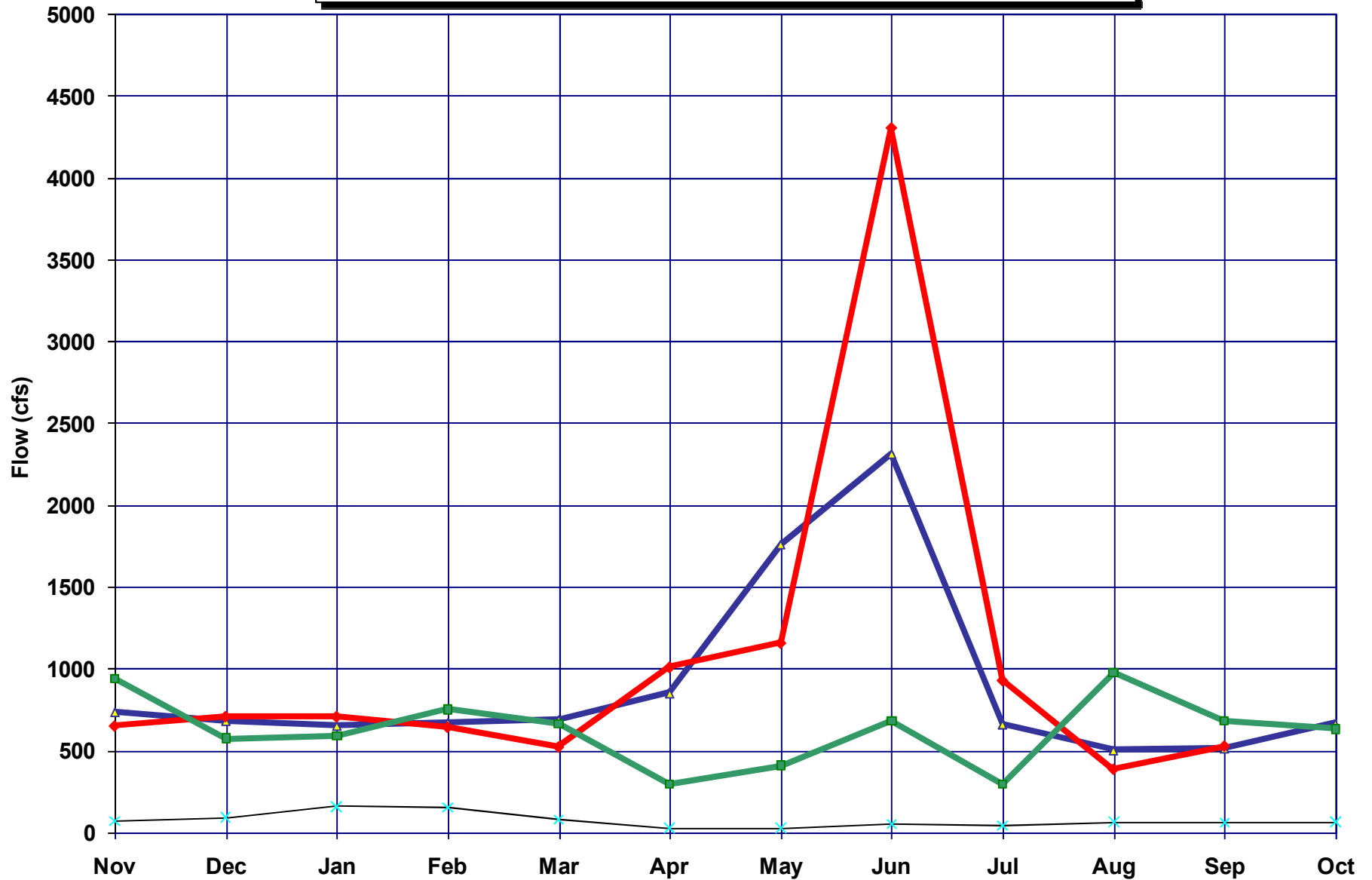
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2009 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2009 Mean Monthly Flow
Nov	737	3650	1984	70	1934	649	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	706	Jan	514	2510	1970	21	2003	215
Feb	673	3060	1914	152	1935	642	Feb	589	3220	1930	29	2005	146
Mar	690	3470	1983	80	1935	521	Mar	531	12900	1910	15	1904	62
Apr	850	18100	1942	28	1955	1008	Apr	529	14400	1942	4.0	1904	281
May	1761	26100	1973	29	1955	1156	May	1020	18100	1973	12	1911	141
Jun	2314	31000	1921	52	1954	4304	Jun	1433	30800	1921	2.0	1910	2445
Jul	661	12600	1983	44	1955	928	Jul	293	12600	1983	0.0	1903	778
Aug	503	9690	1951	65	1934	385	Aug	180	8920	1968	0.0	1903	237
Sep	514	14200	1938	62	1940	527	Sep	240	7130	1938	2.0	1902	304
Oct	665	6180	1984	66	1954		Oct	304	3130	1984	4.2	1903	
*Period of record 1901-2007							*Period of record 1902-2007						



Fall River near Idaho Springs
(Photo by Jana Ash)

South Platte River at Kersey

Irrigation Water Year

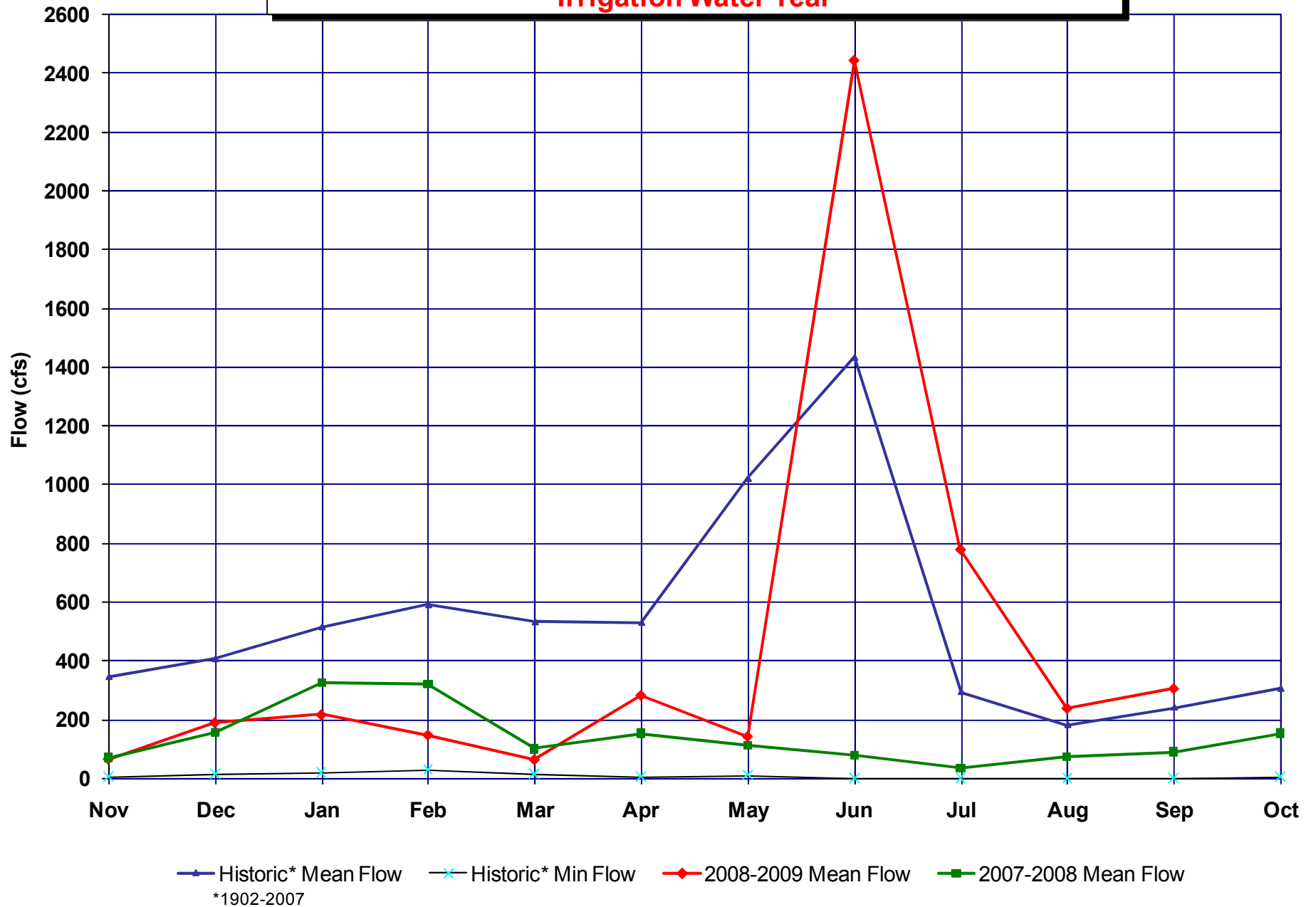


—▲— Historic* Mean Flow —×— Historic* Min Flow —◆— 2008-2009 Mean Flow —■— 2007-2008 Mean Flow

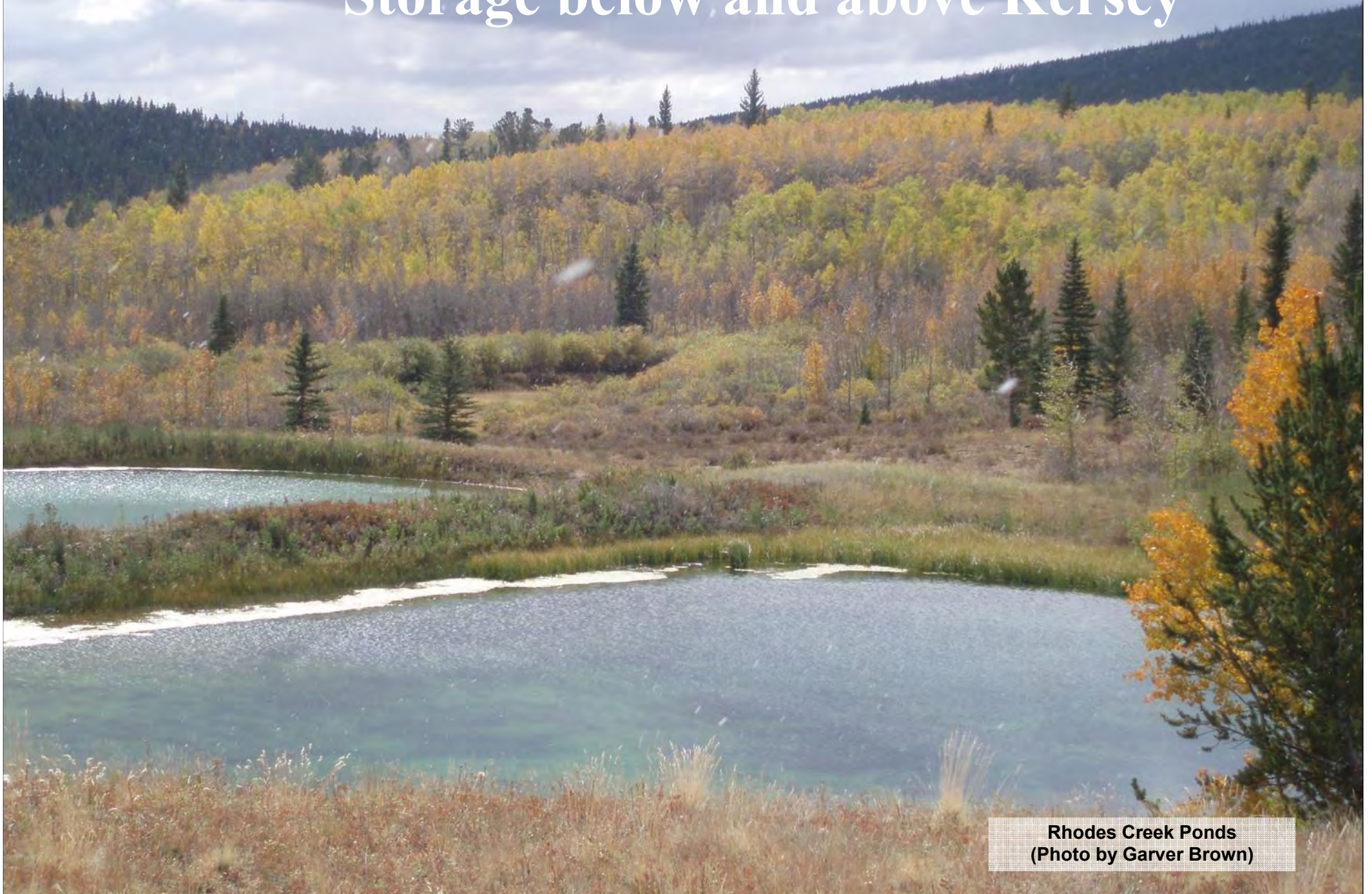
*1901-2007

South Platte River at Julesburg

Irrigation Water Year



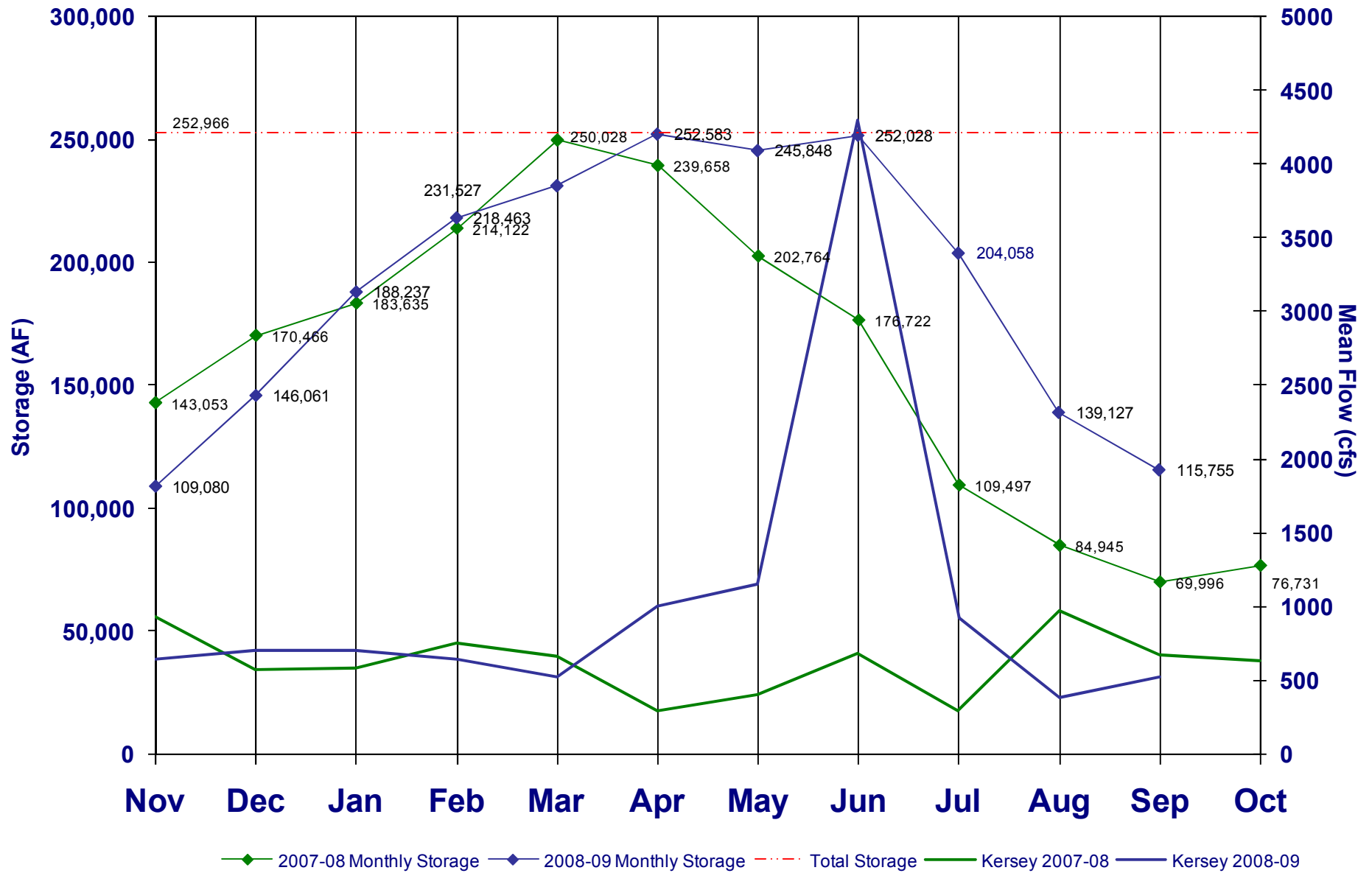
Next four slides show Reservoir
Storage below and above Kersey



Rhodes Creek Ponds
(Photo by Garver Brown)

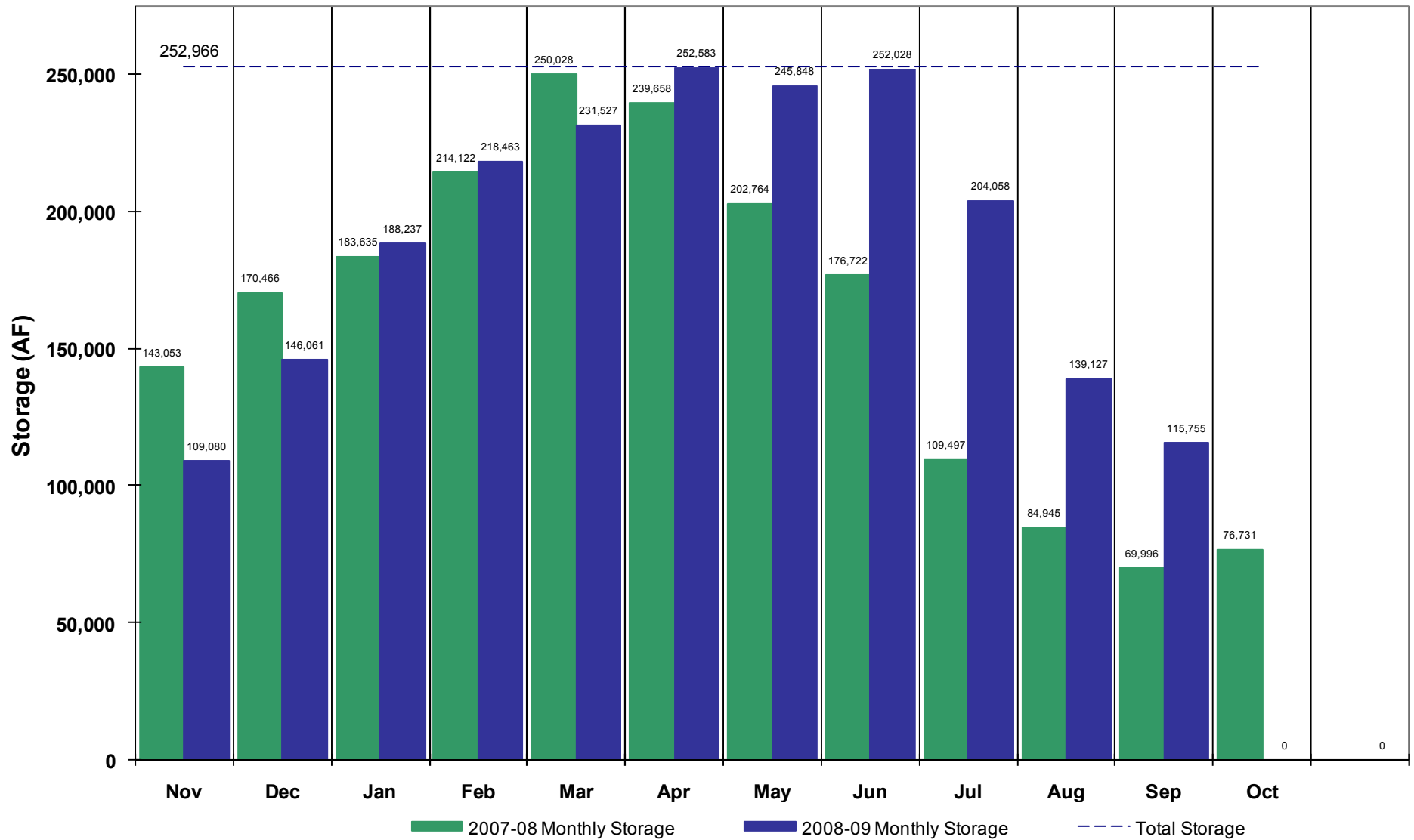
Reservoir Storage below Kersey

Selected Reservoirs*



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

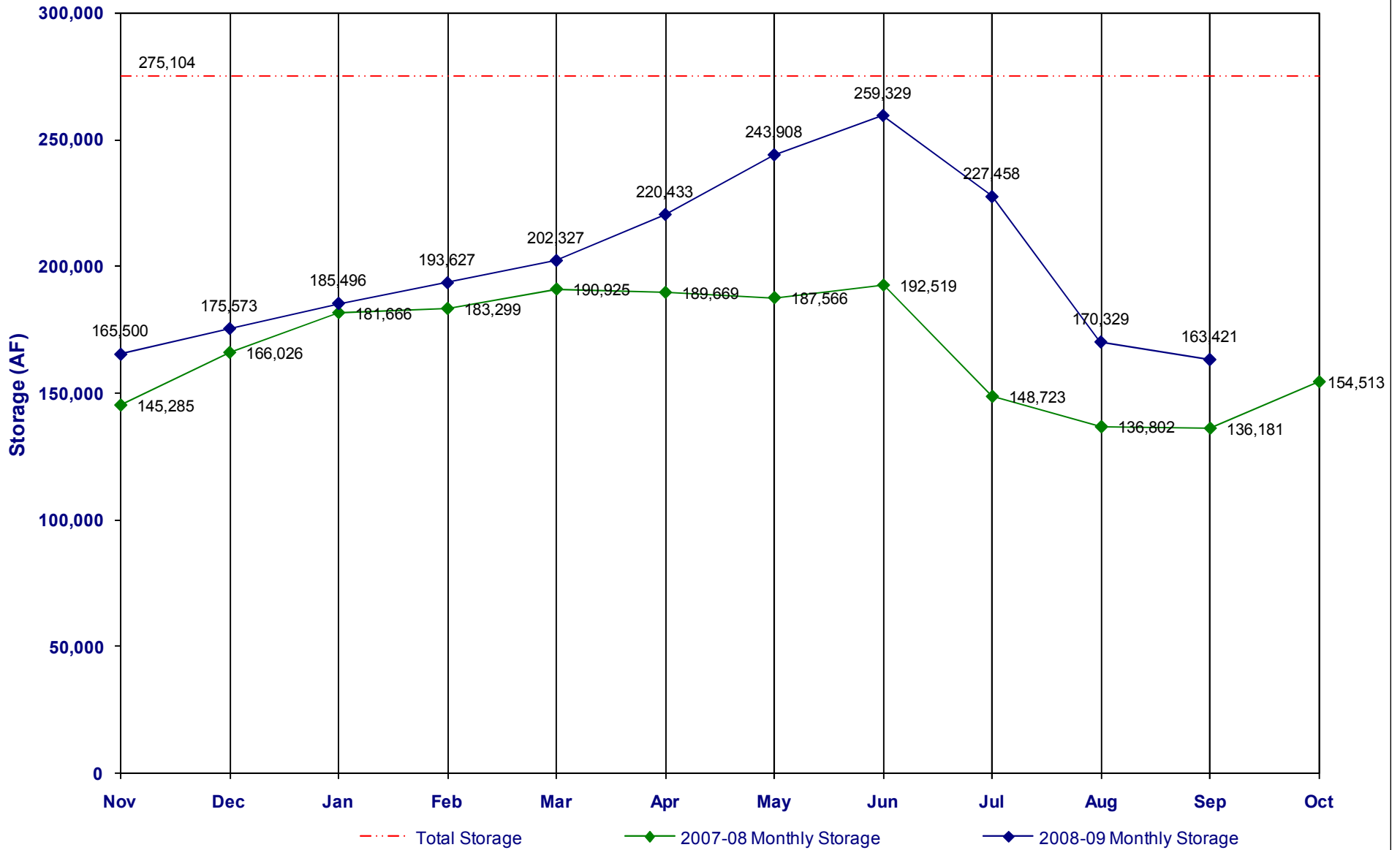
South Platte Reservoirs Storage below Kersey*



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

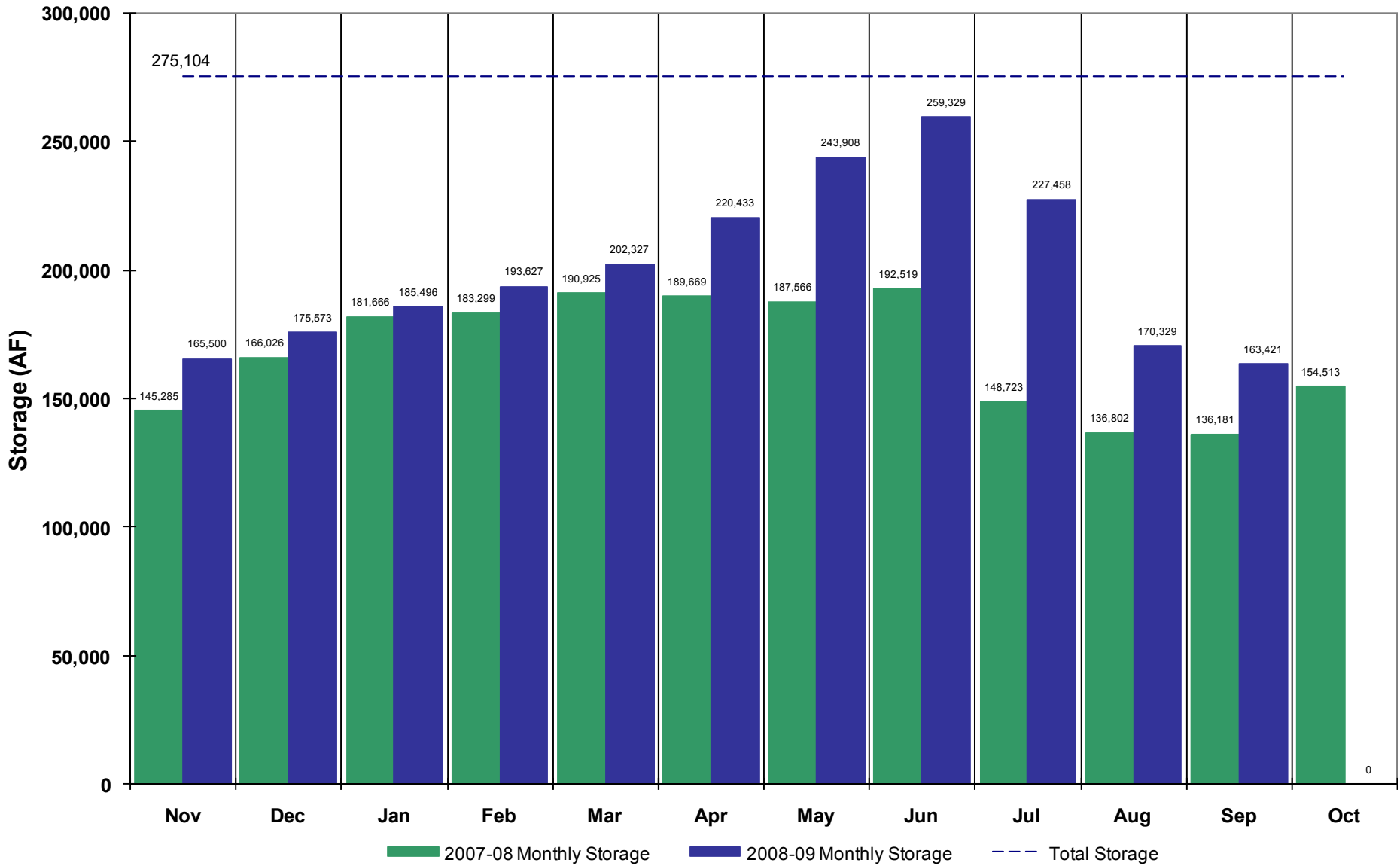
Reservoir Storage above Kersey

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

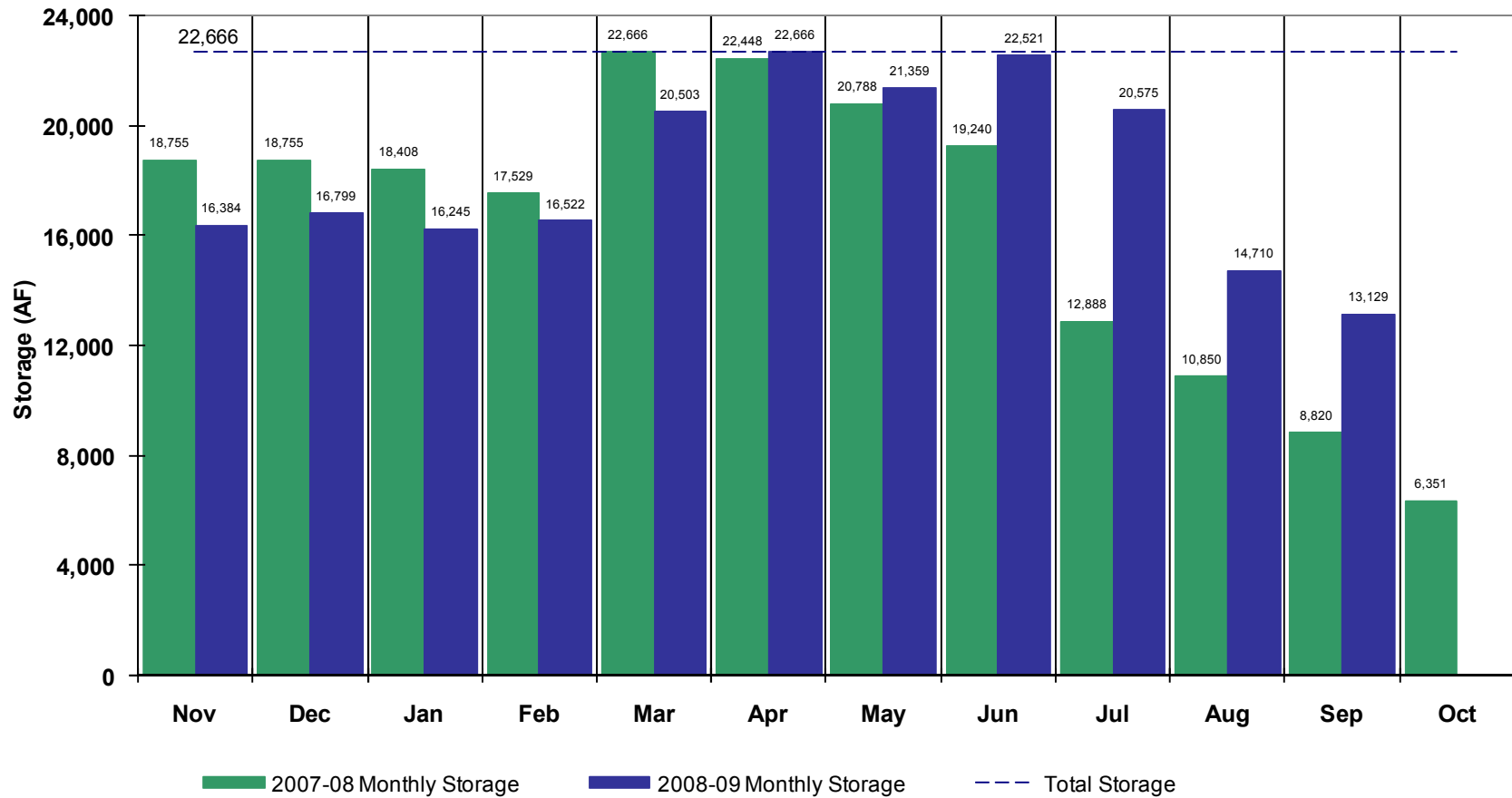
Individual Reservoir Storage Follows



Fall River near Idaho Springs
(Photo by Jana Ash)

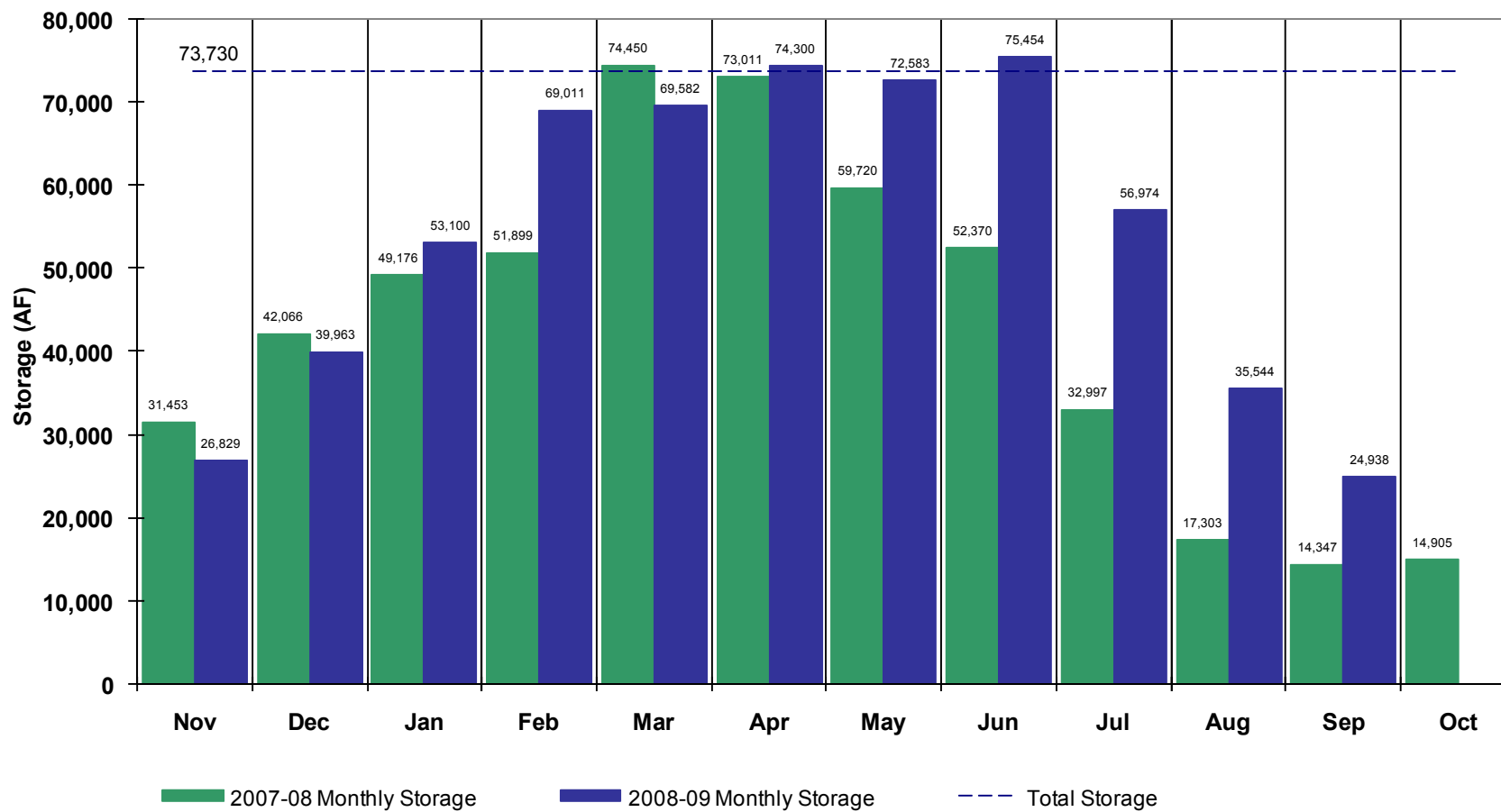
Julesburg Reservoir

(District 64 - Agricultural)

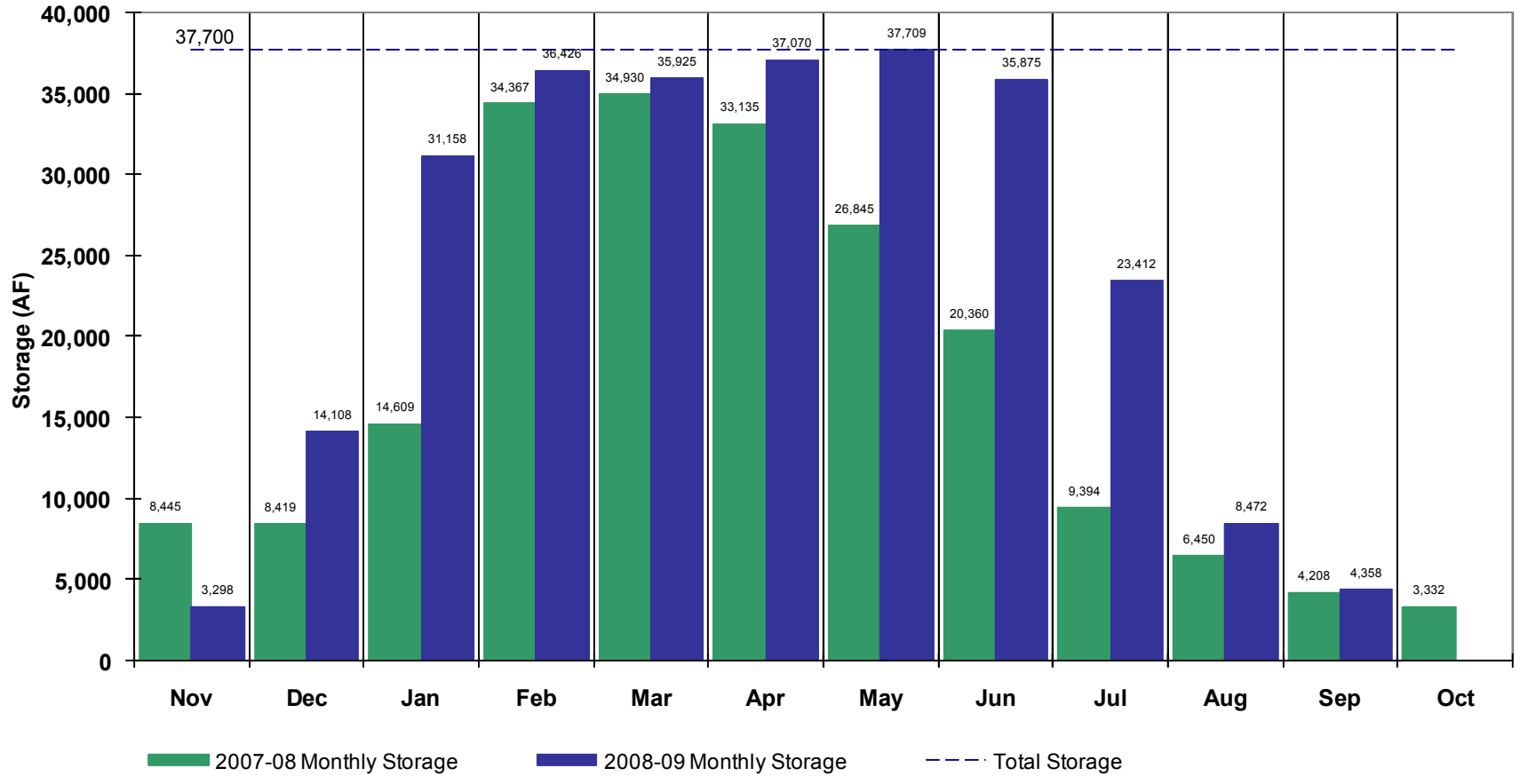


North Sterling Reservoir

(District 64- Agricultural)

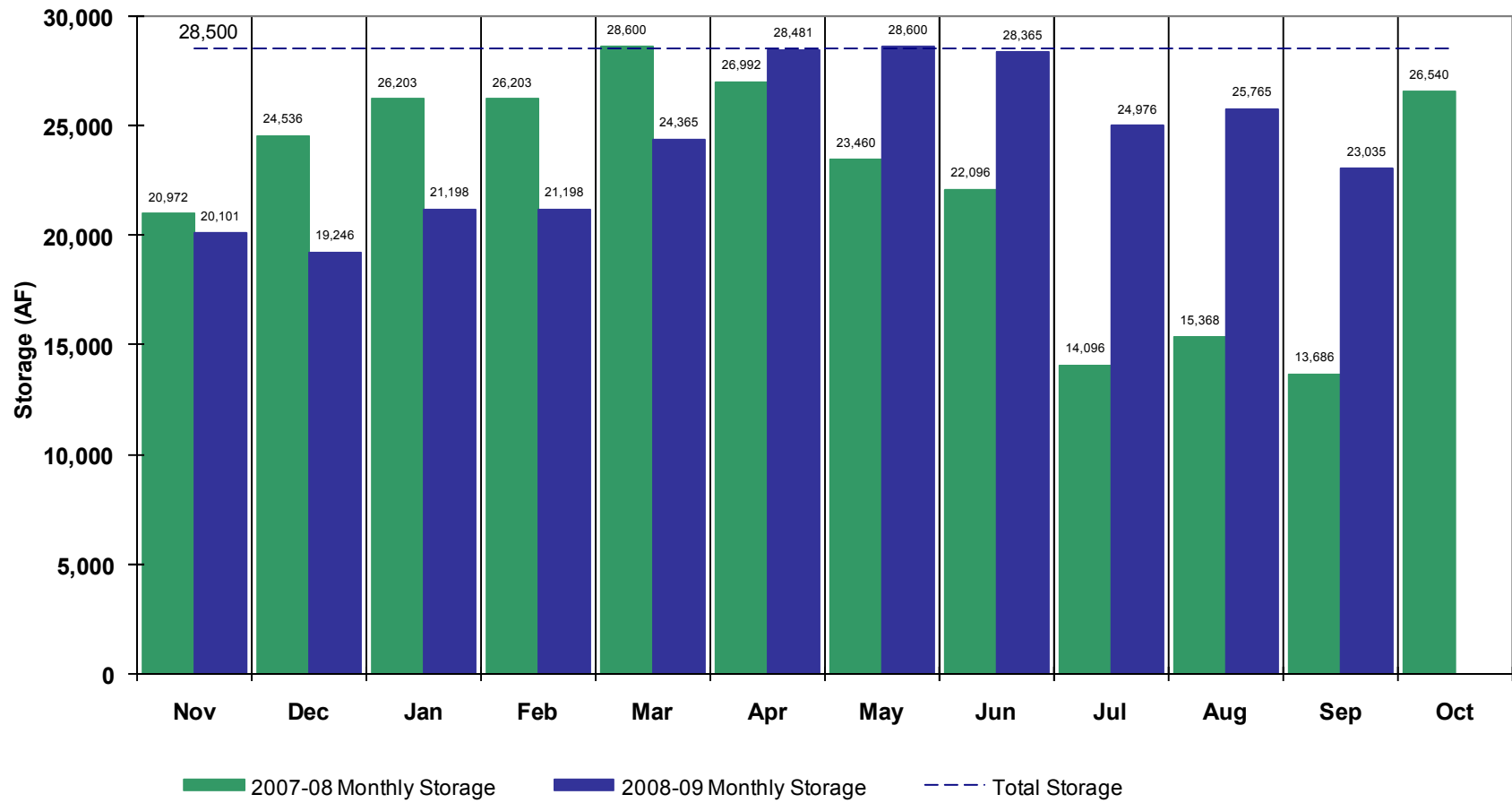


Empire Reservoir (District 1- Agricultural)



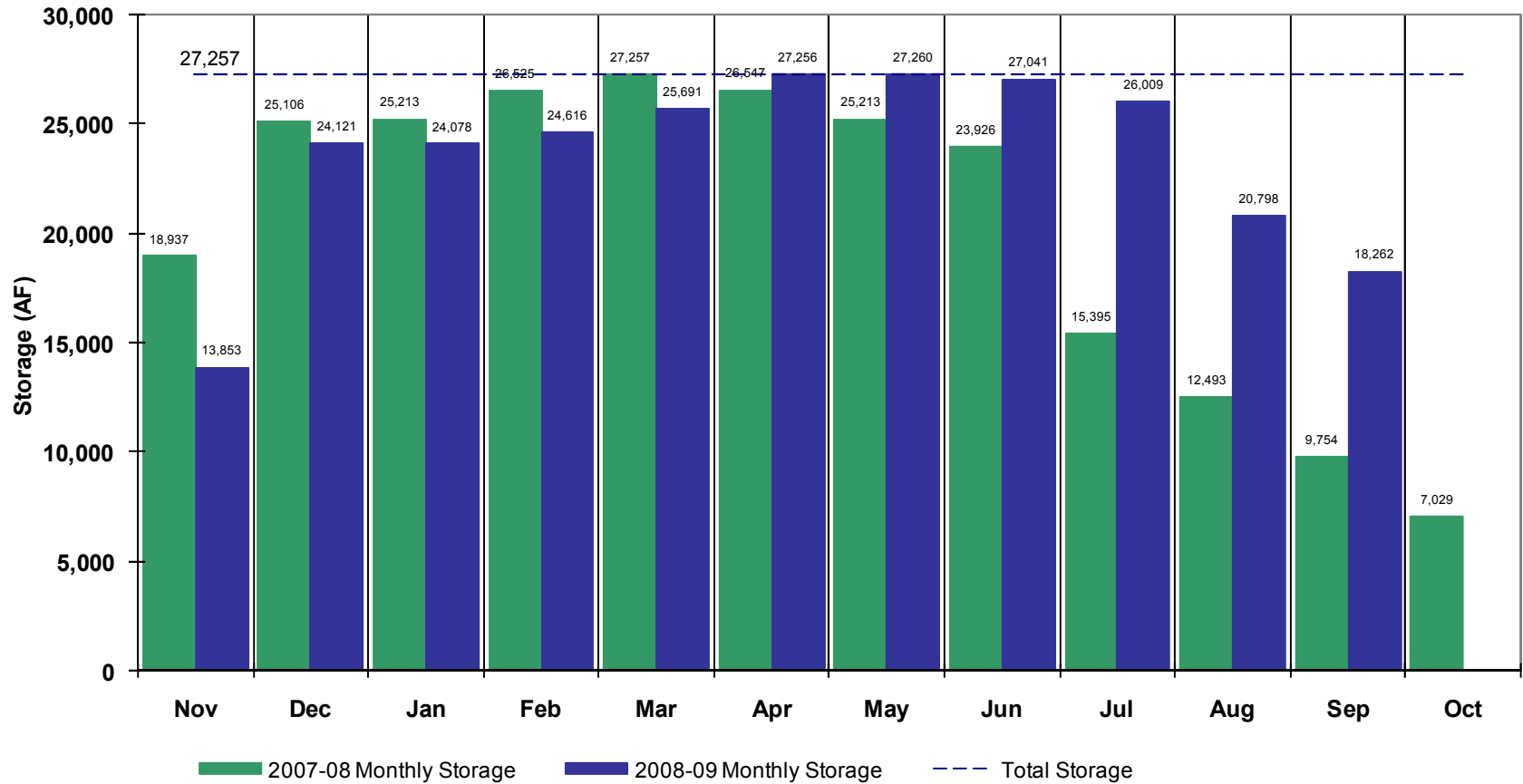
Prewitt Reservoir

(District 64-Agricultural)



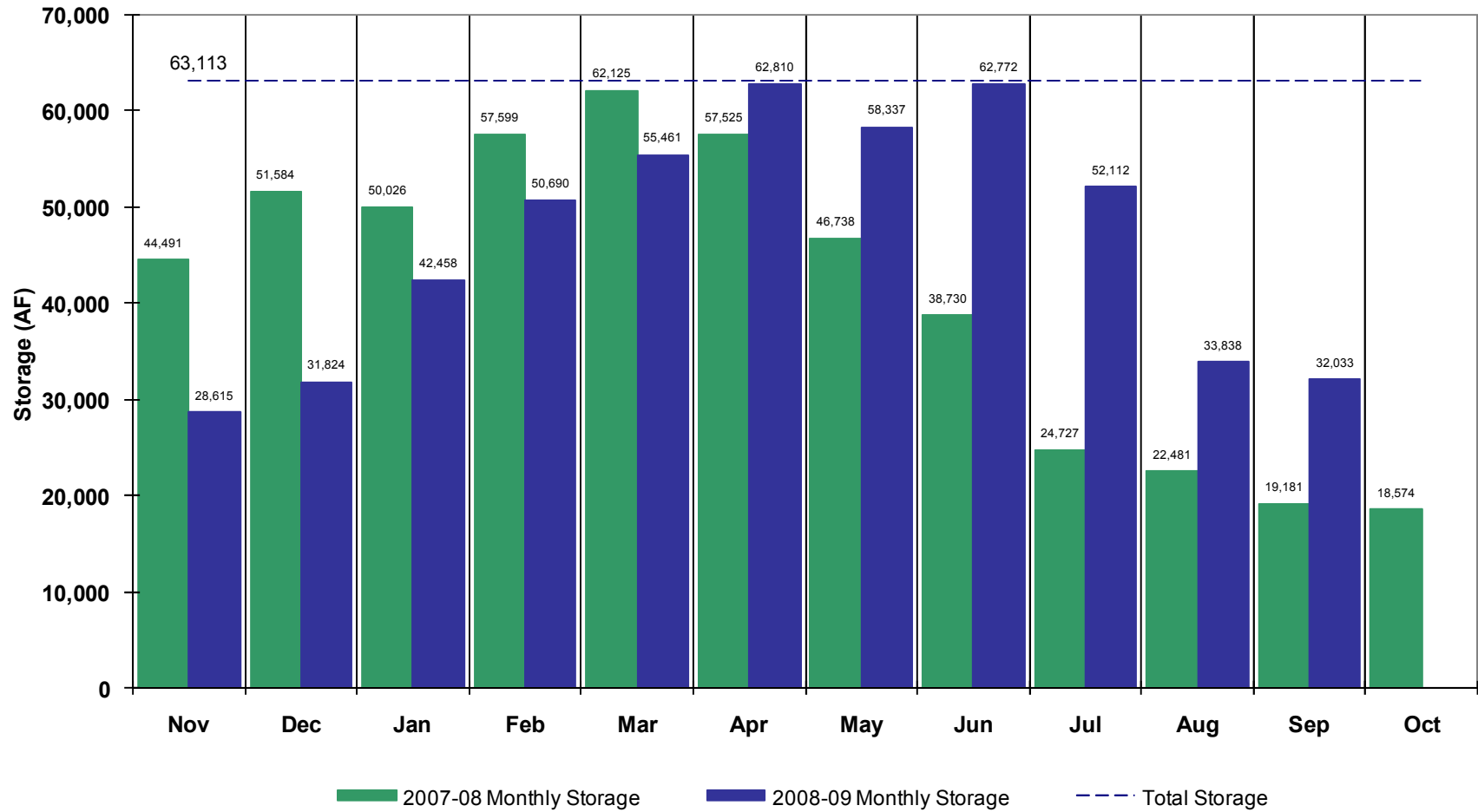
Jackson Reservoir

(District 1- Agricultural)



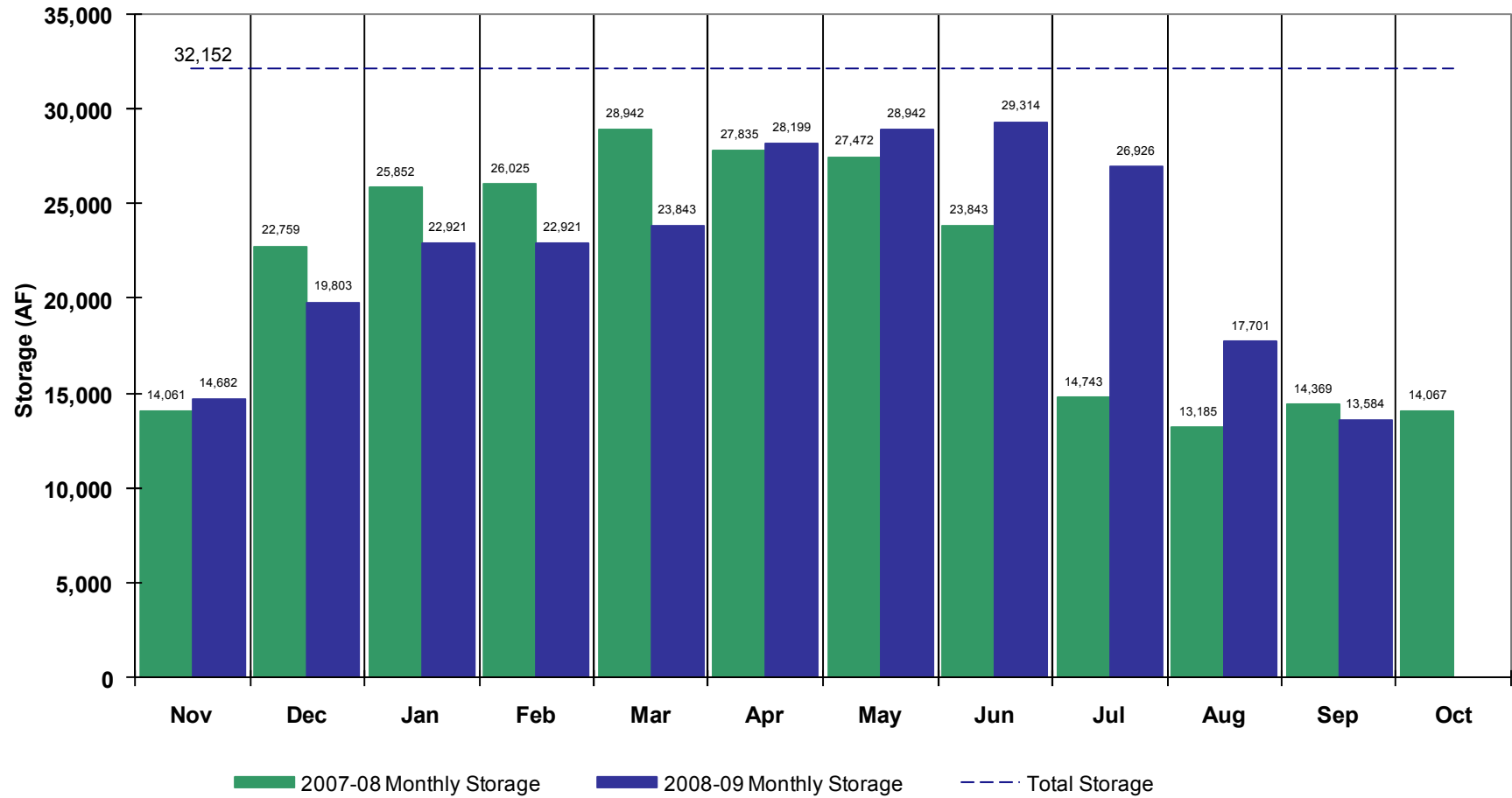
Riverside Reservoir

(District 1 - Agricultural)



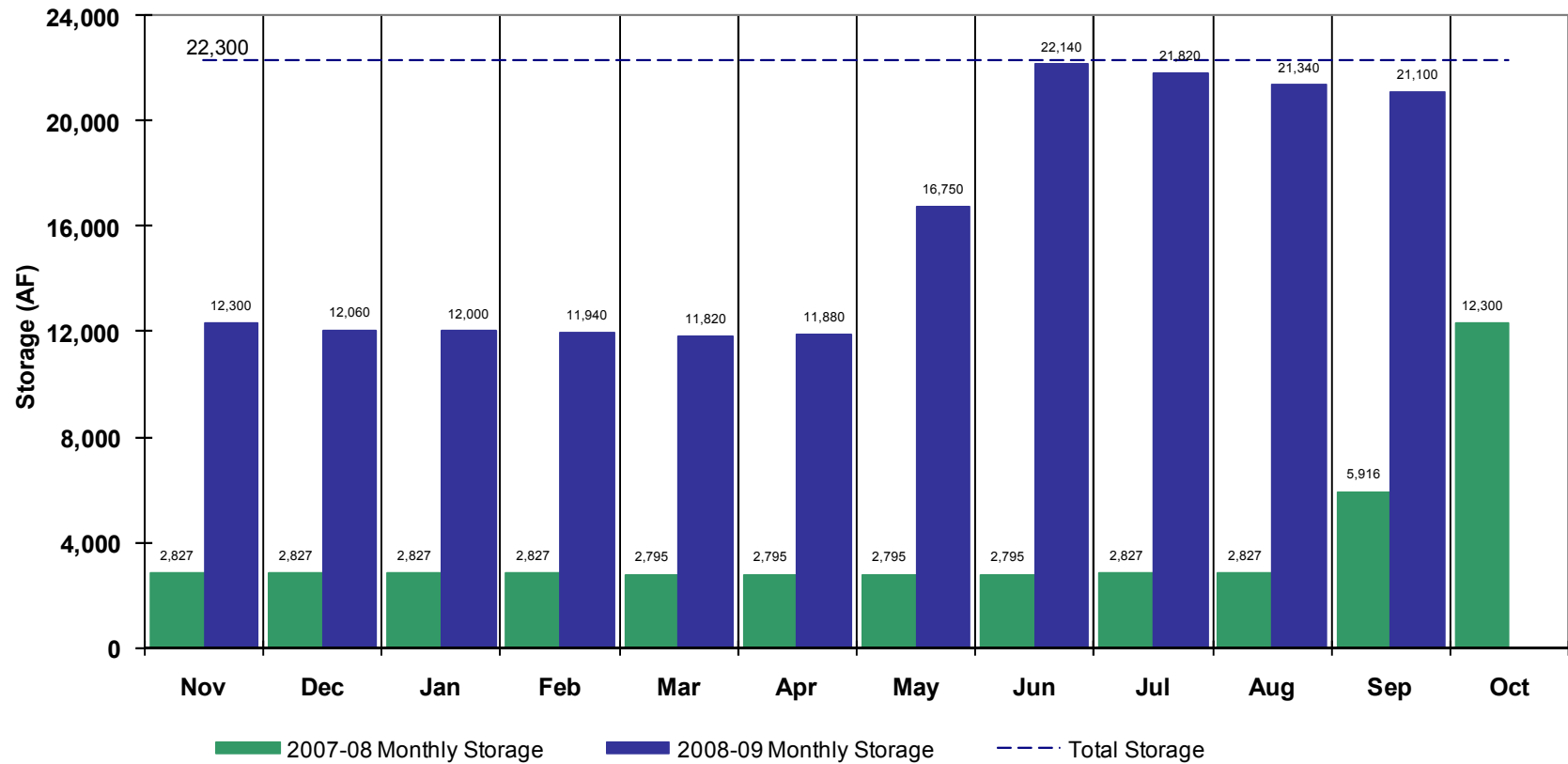
Barr Lake

(District 2 - Agricultural)



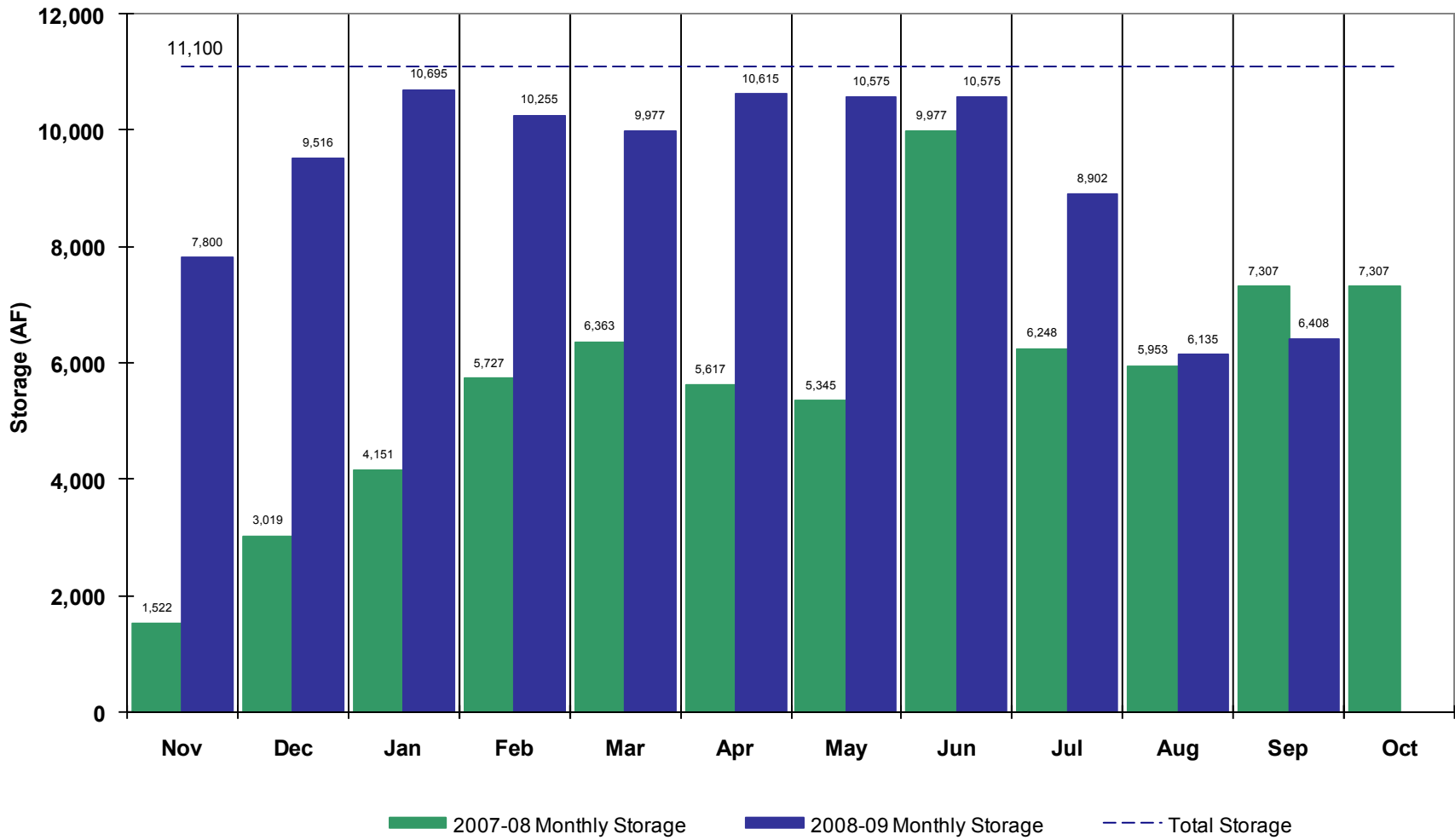
Cobb Lake

(District 3, Poudre River - Agricultural)



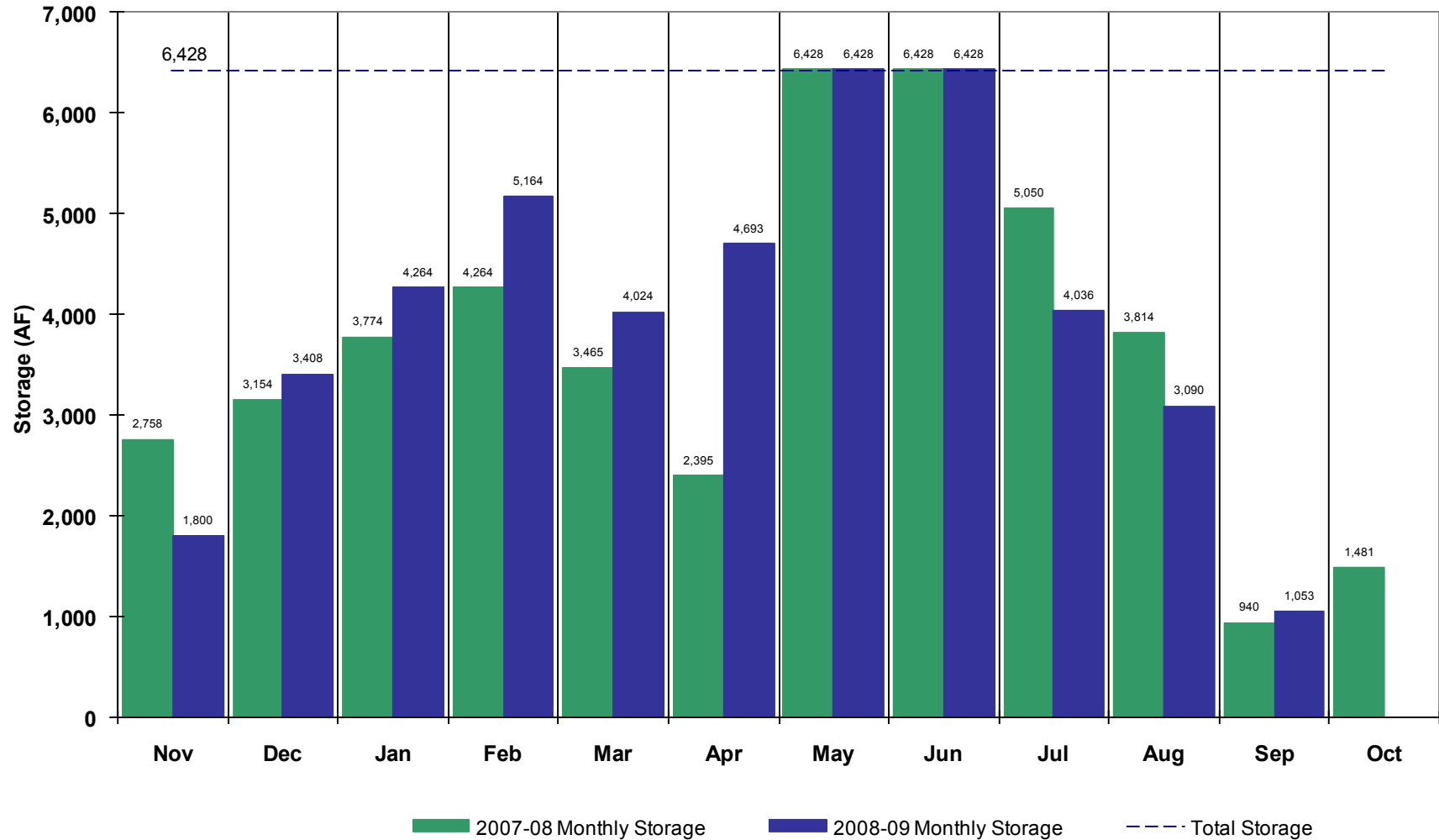
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



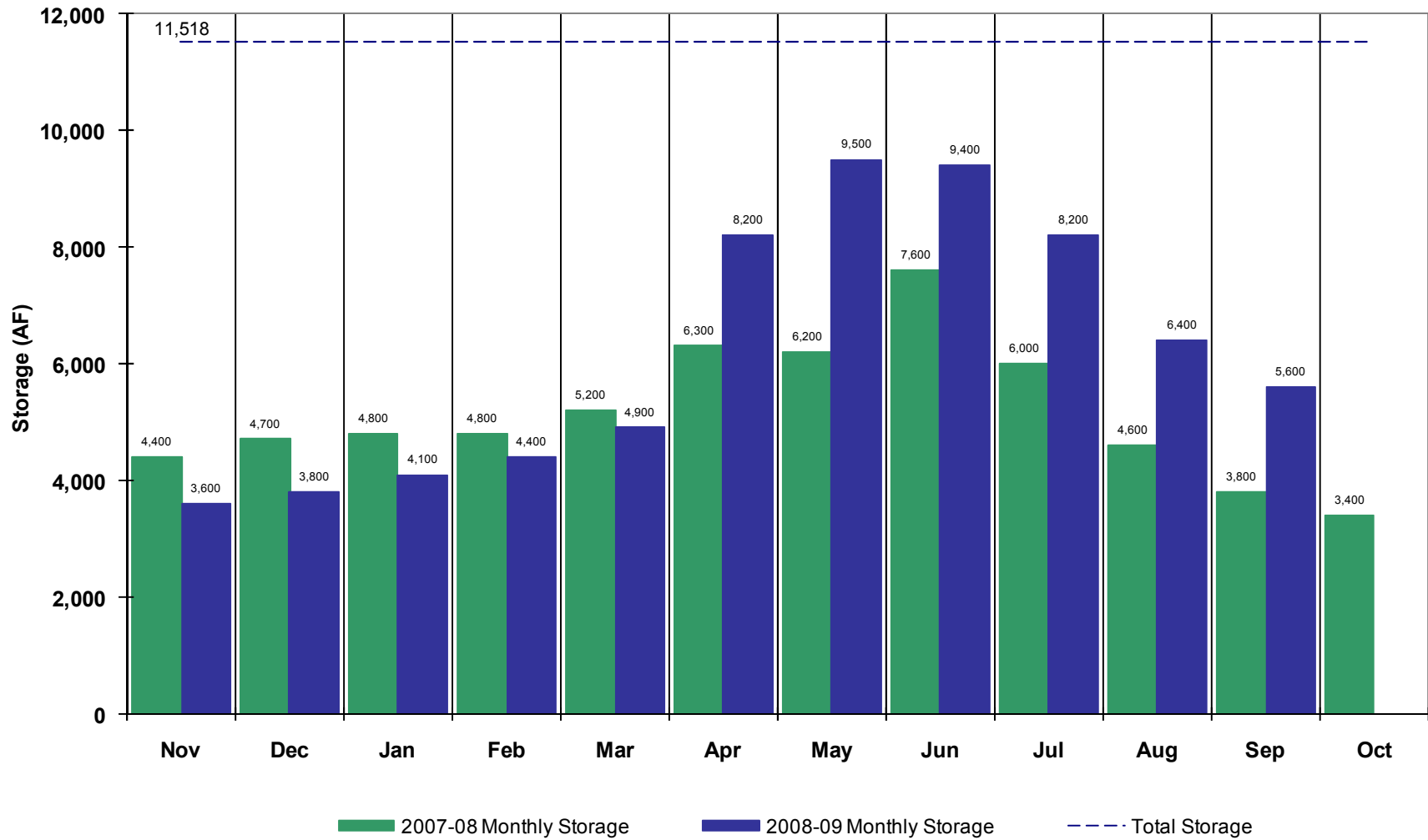
Halligan Reservoir

(District 3, Poudre River - Agricultural)



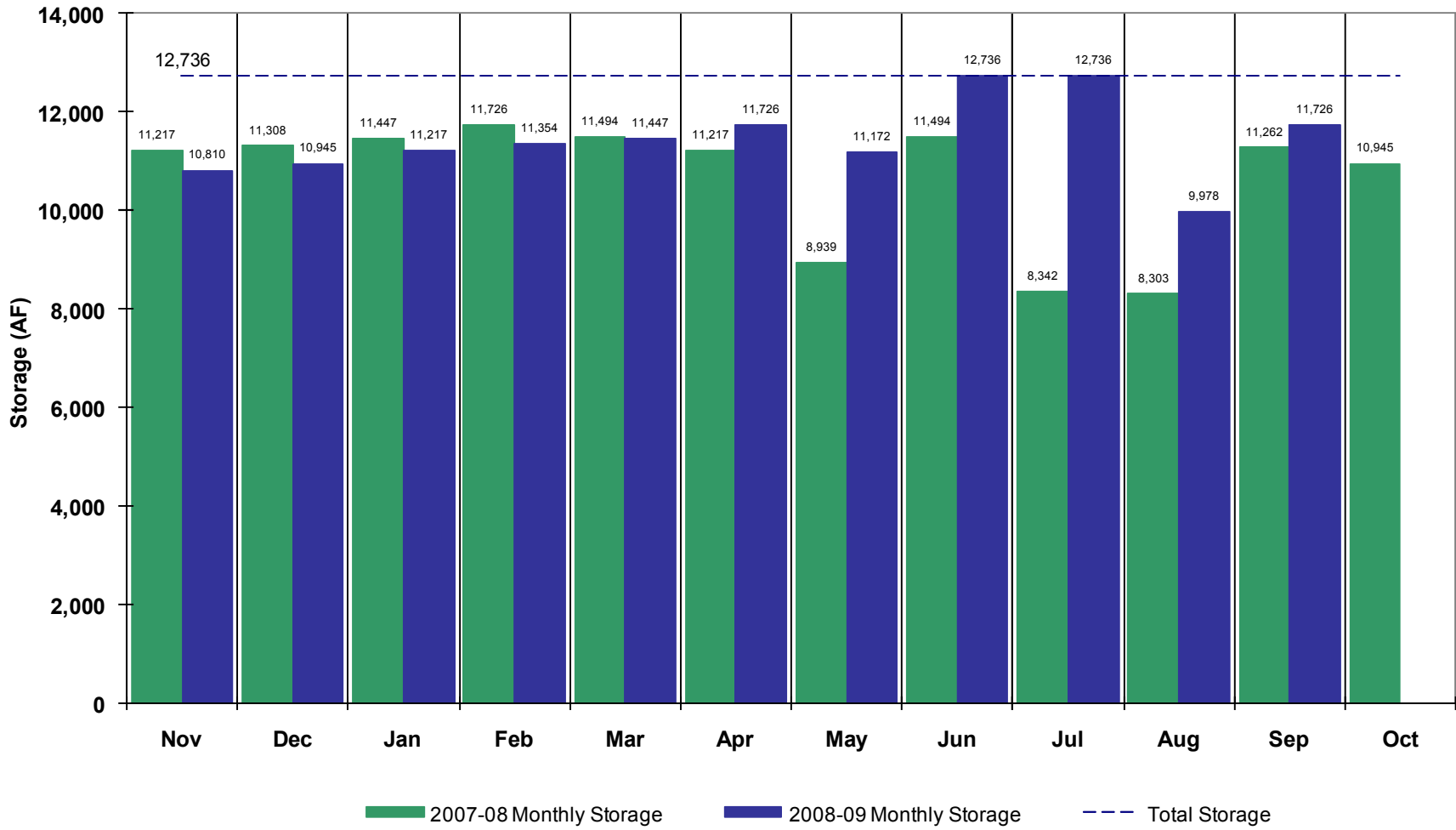
Marshall Lake

(District 6, Boulder Creek - Agricultural)



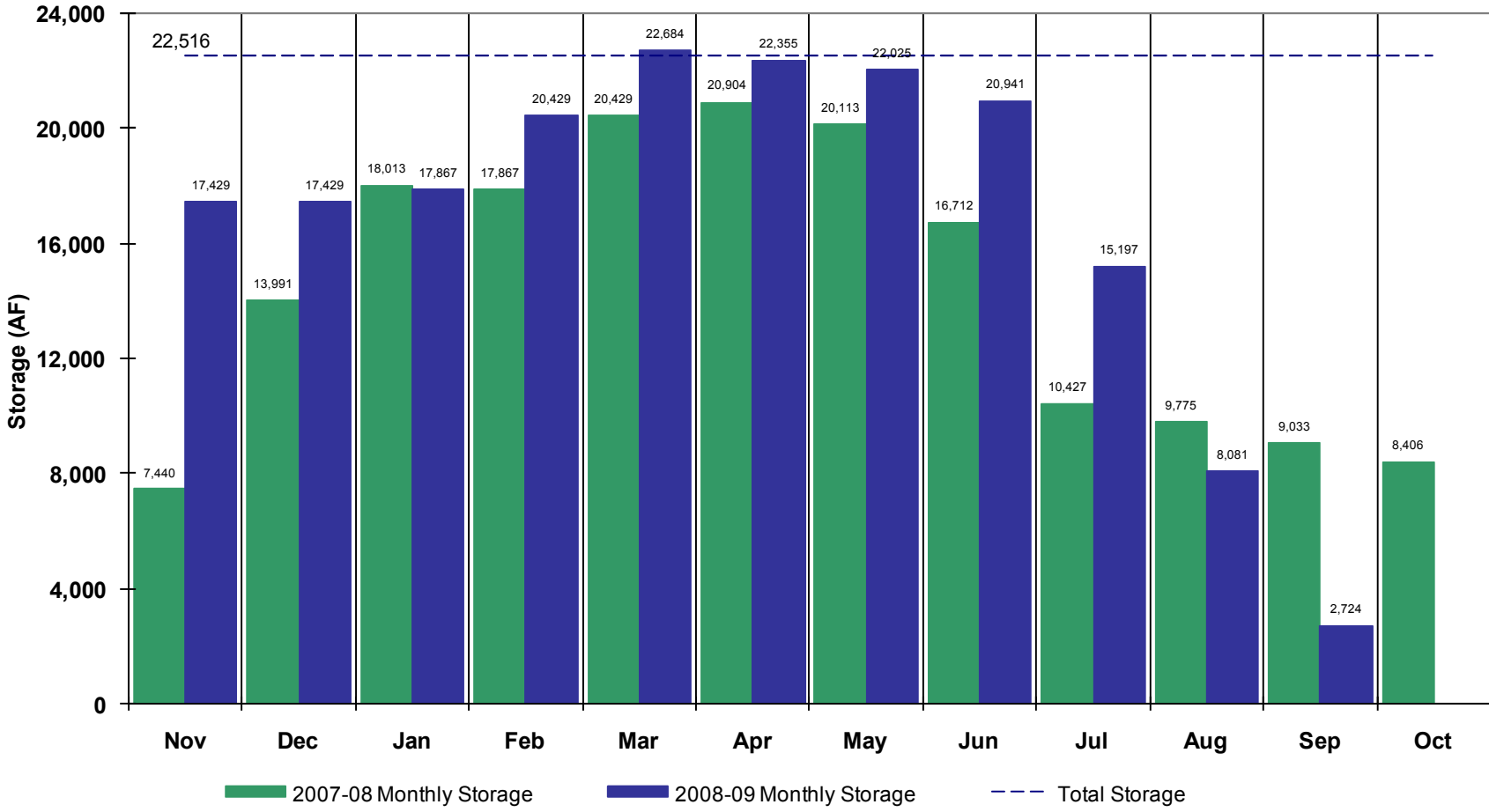
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



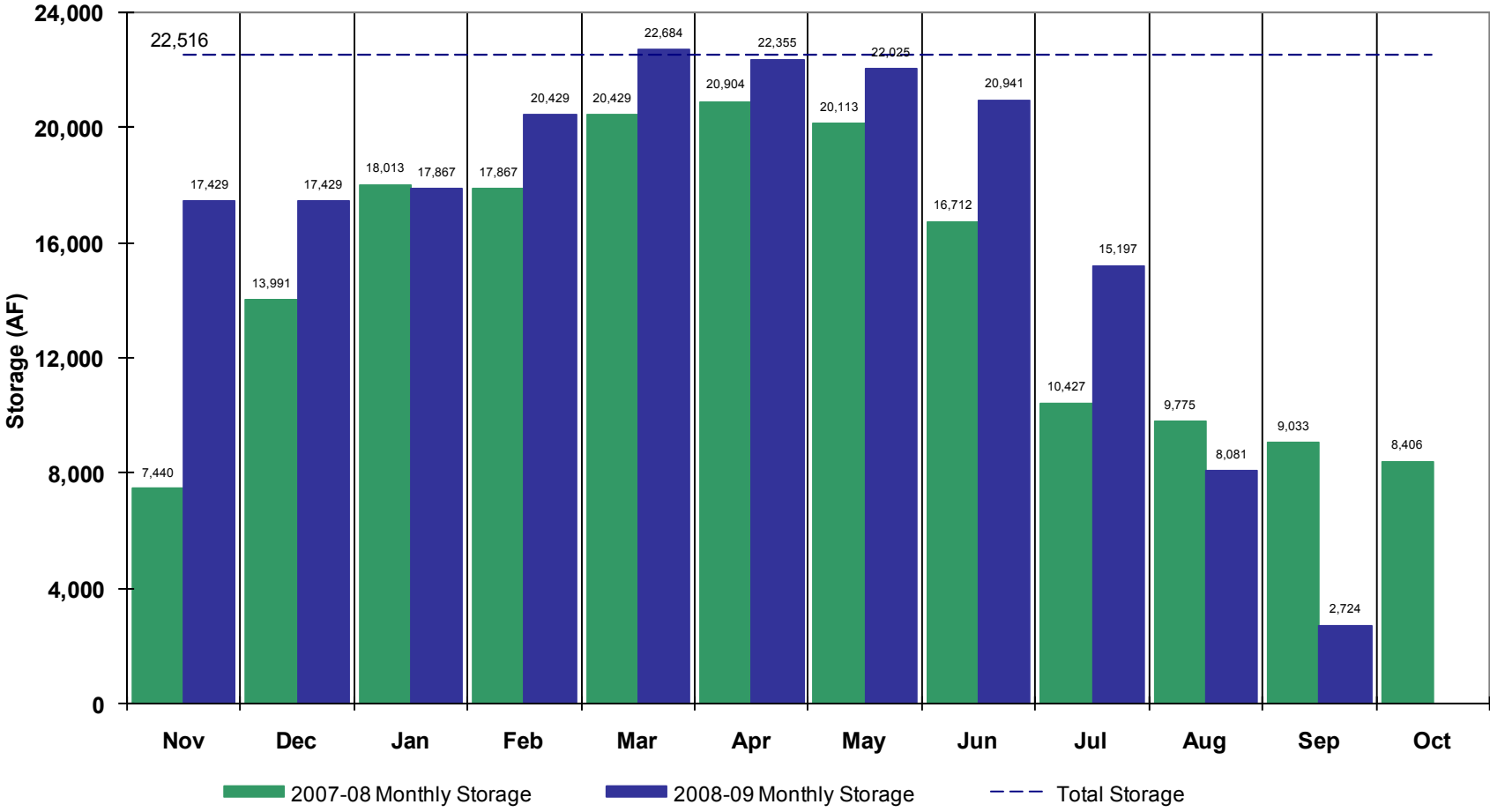
Milton Reservoir

(District 2 - Agricultural)

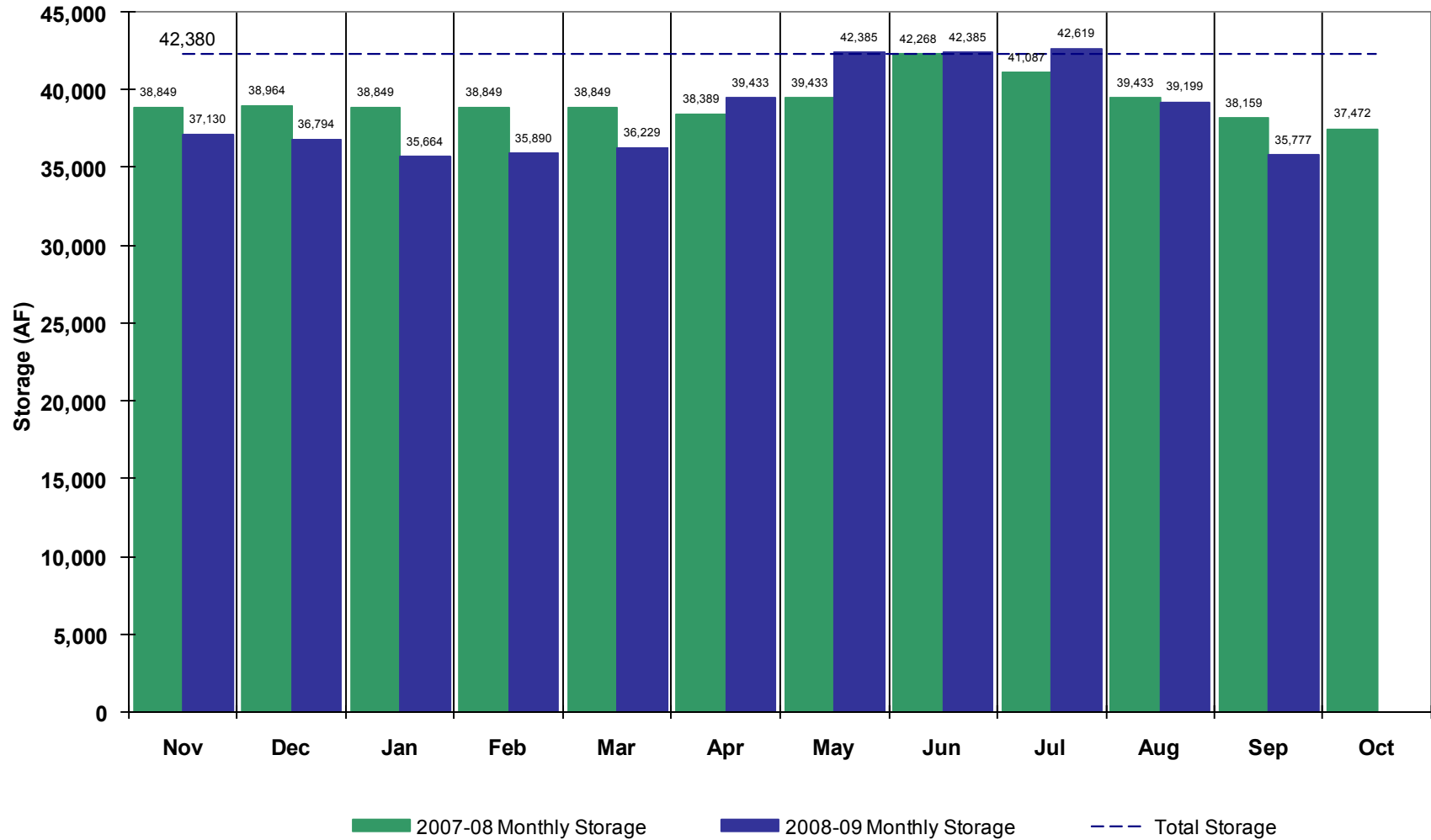


Milton Reservoir

(District 2 - Agricultural)

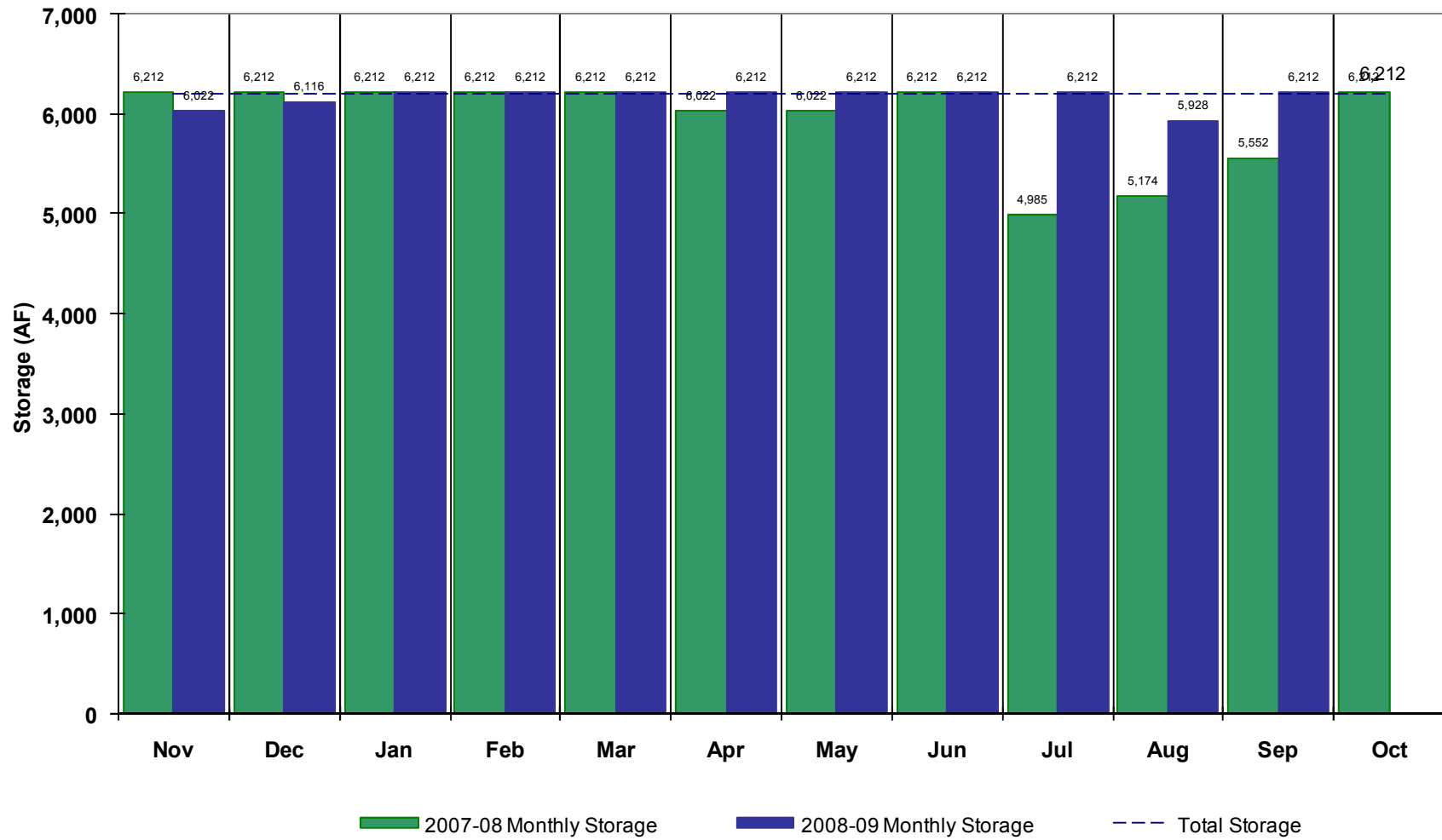


Standley Lake (Agricultural)



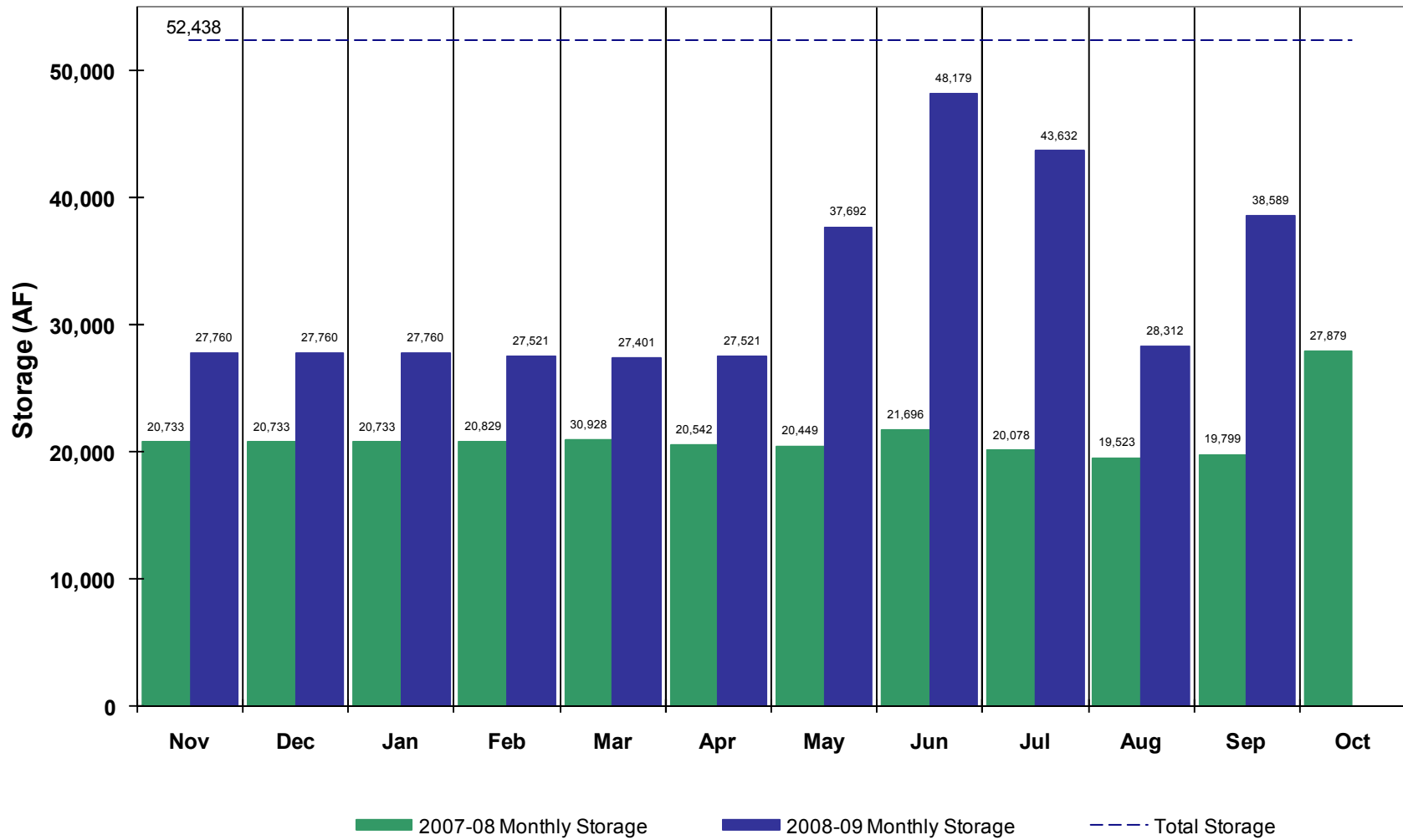
Lower Latham Reservoir

(District 2 - Agricultural)



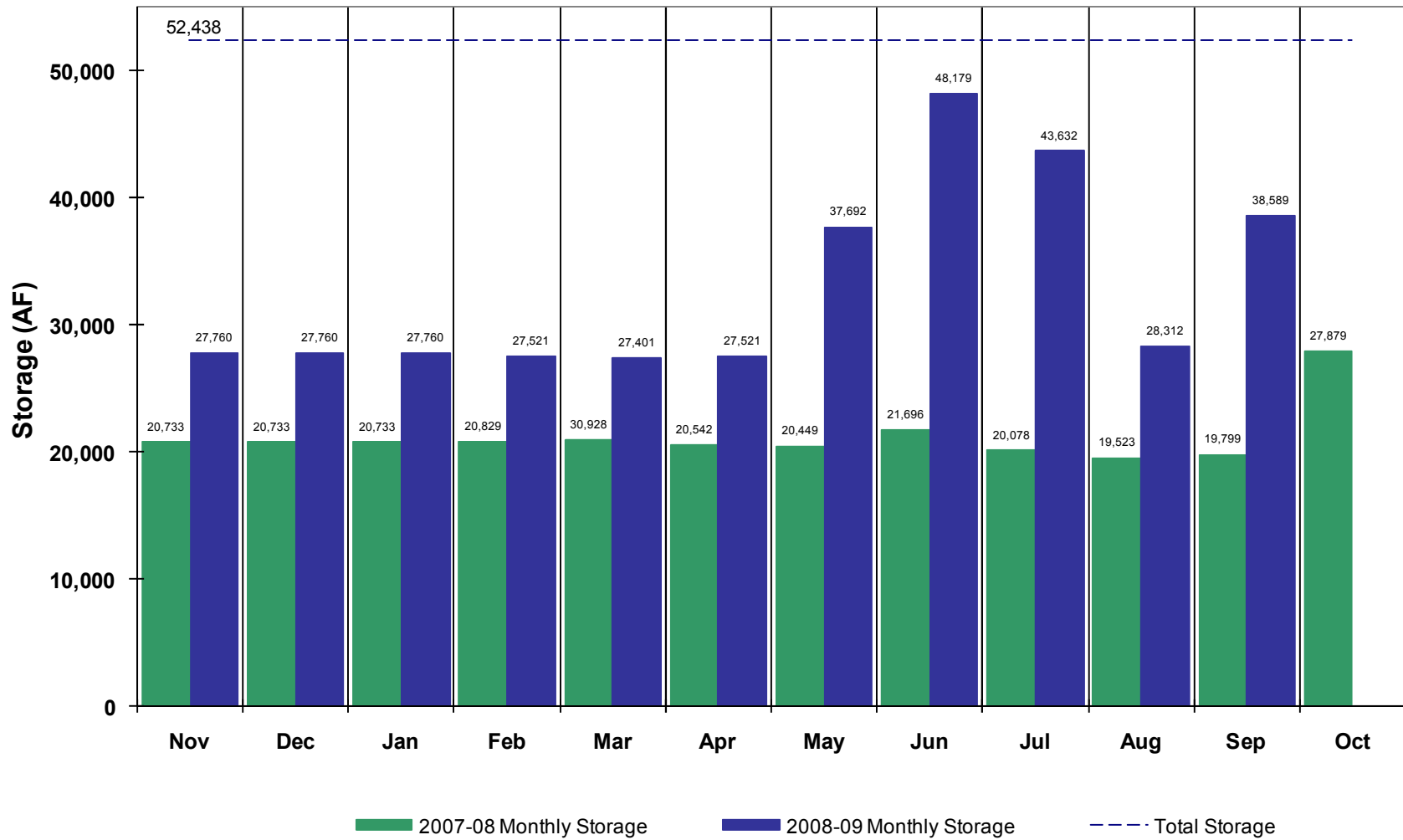
Boyd Lake

(District 4, Big Thompson River - Agricultural)

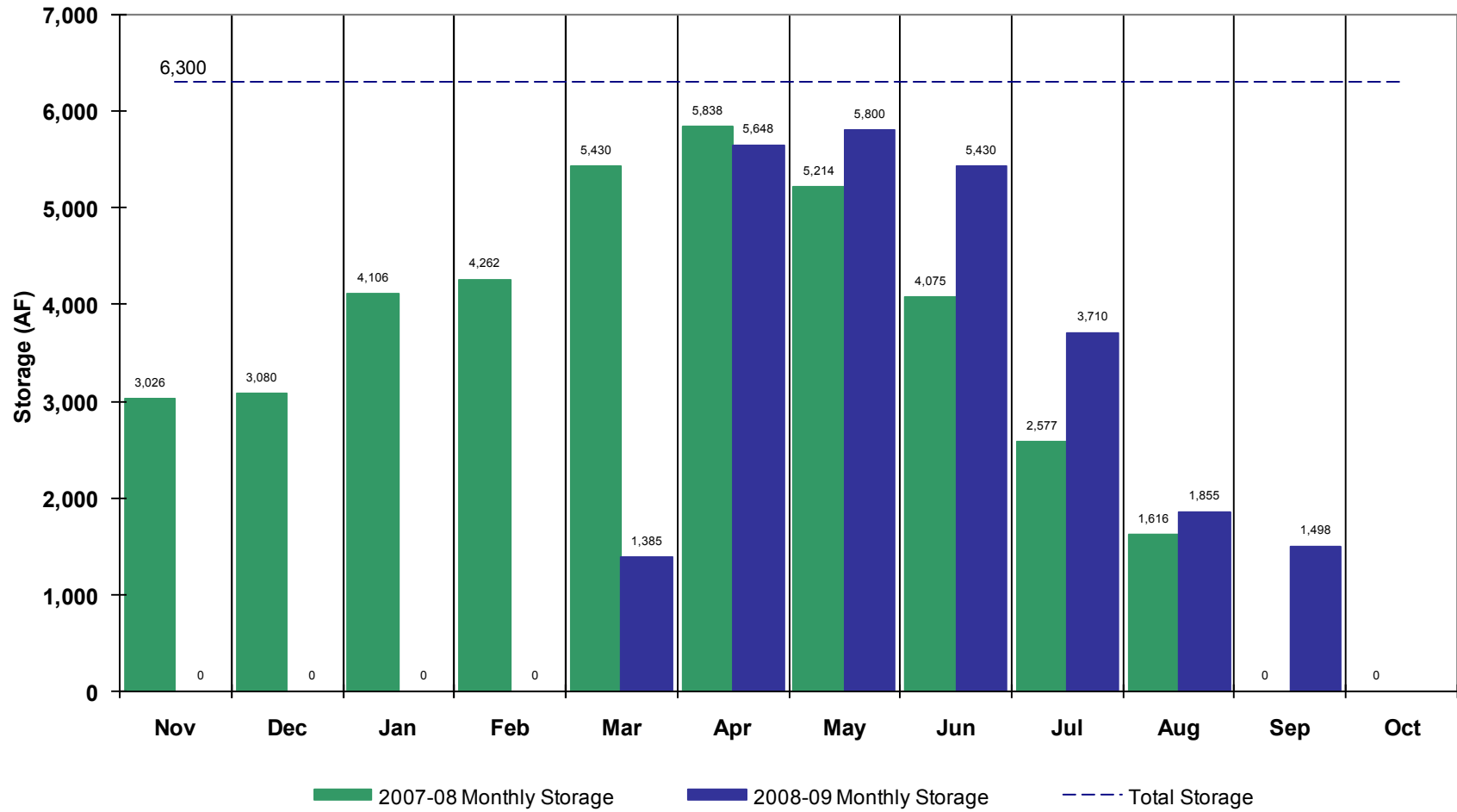


Boyd Lake

(District 4, Big Thompson River - Agricultural)

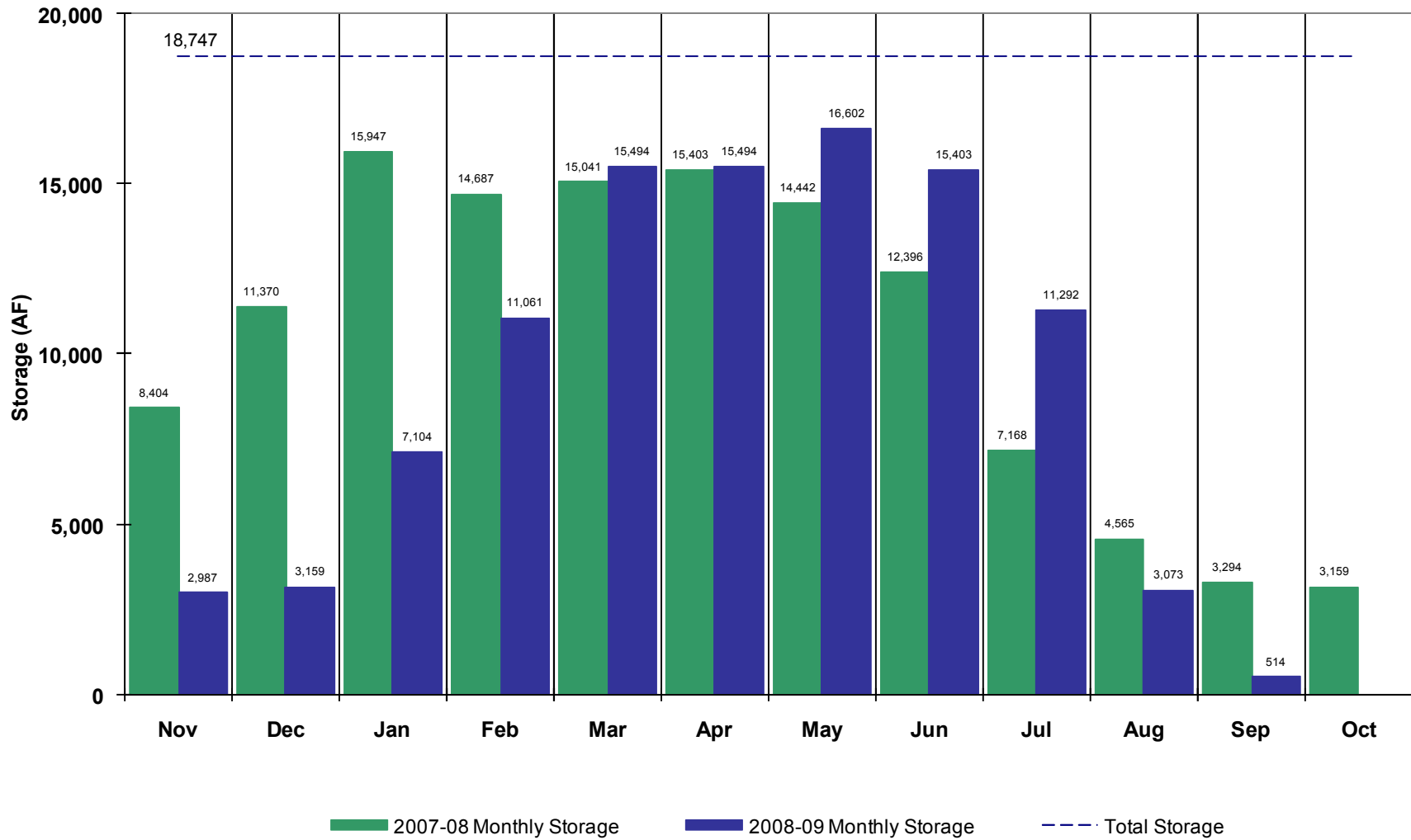


Prospect Reservoir (District 1- Agricultural)

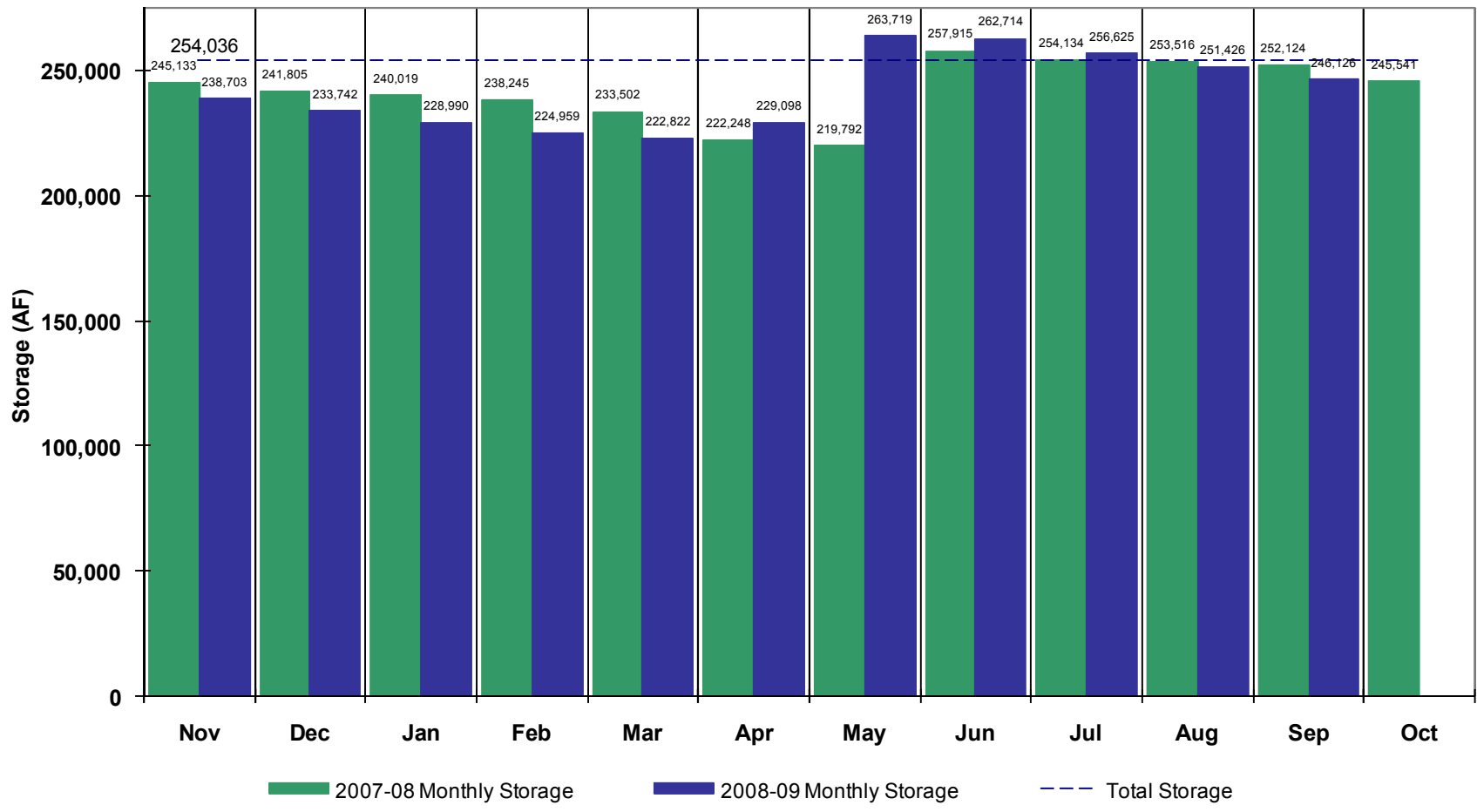


Horse Creek Reservoir

(District 1 - Agricultural)

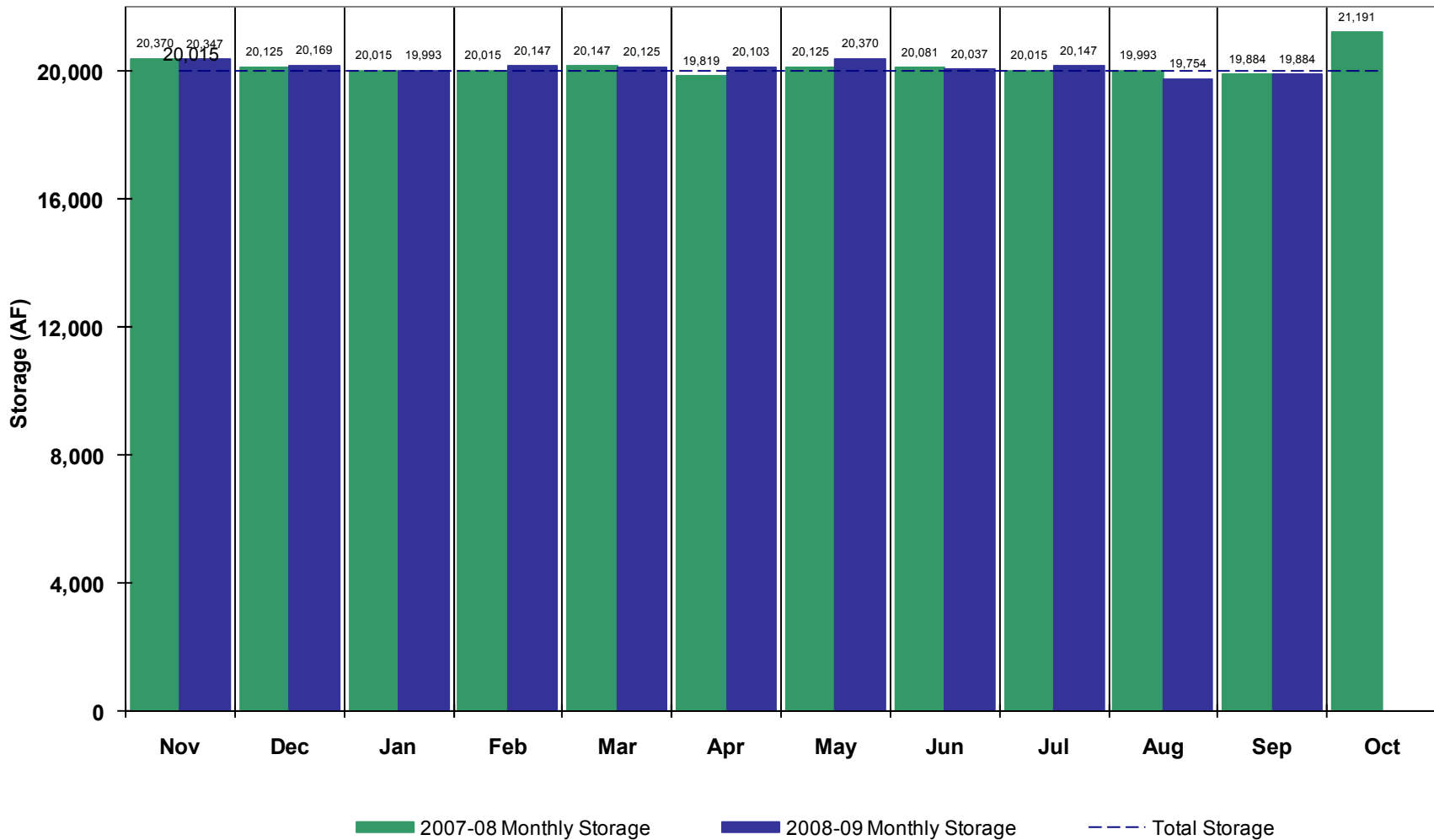


Dillon Reservoir (Municipal)



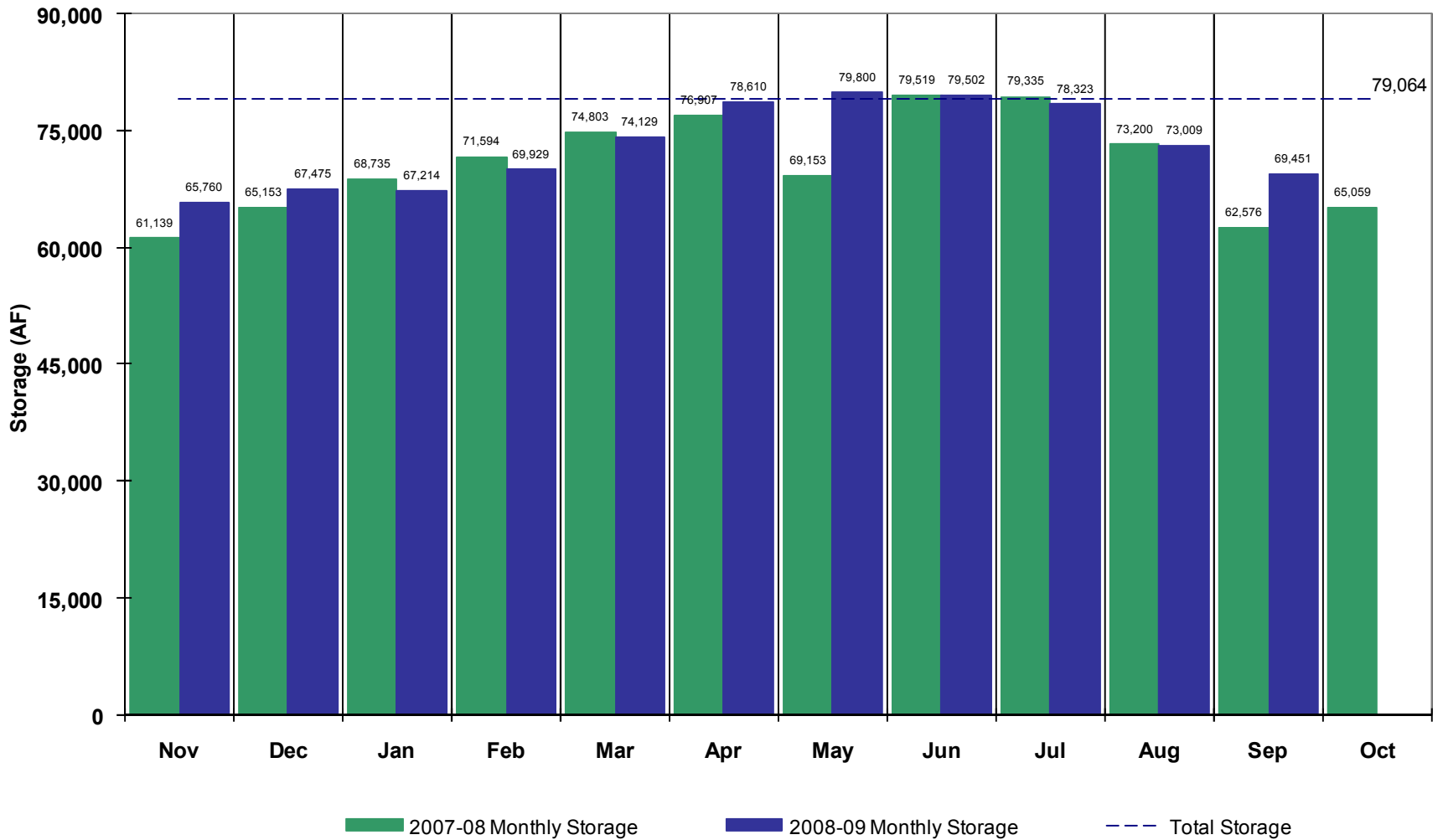
Antero Reservoir

(District 23 - Municipal)



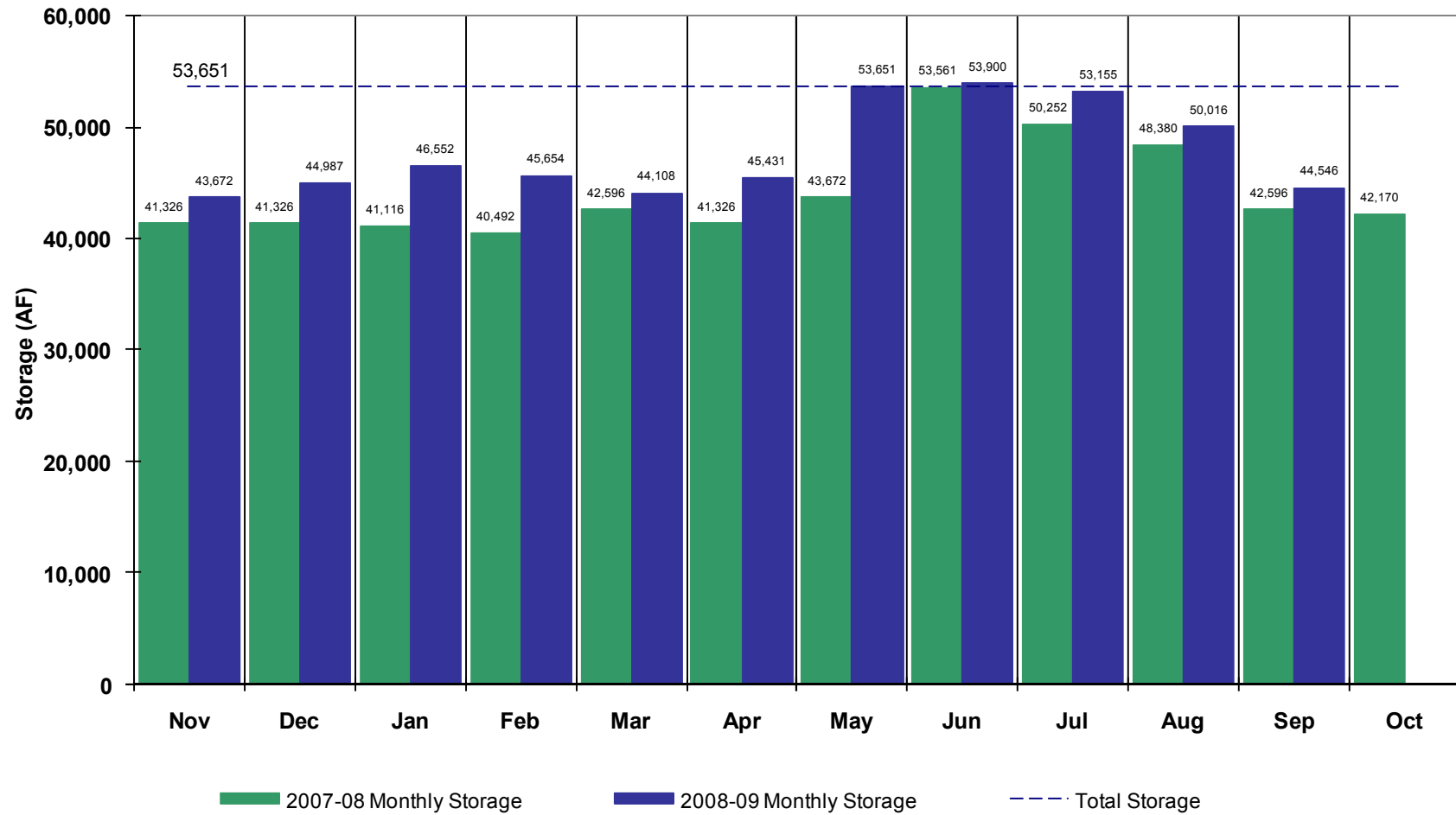
Cheesman Reservoir

(District 80 - Municipal)



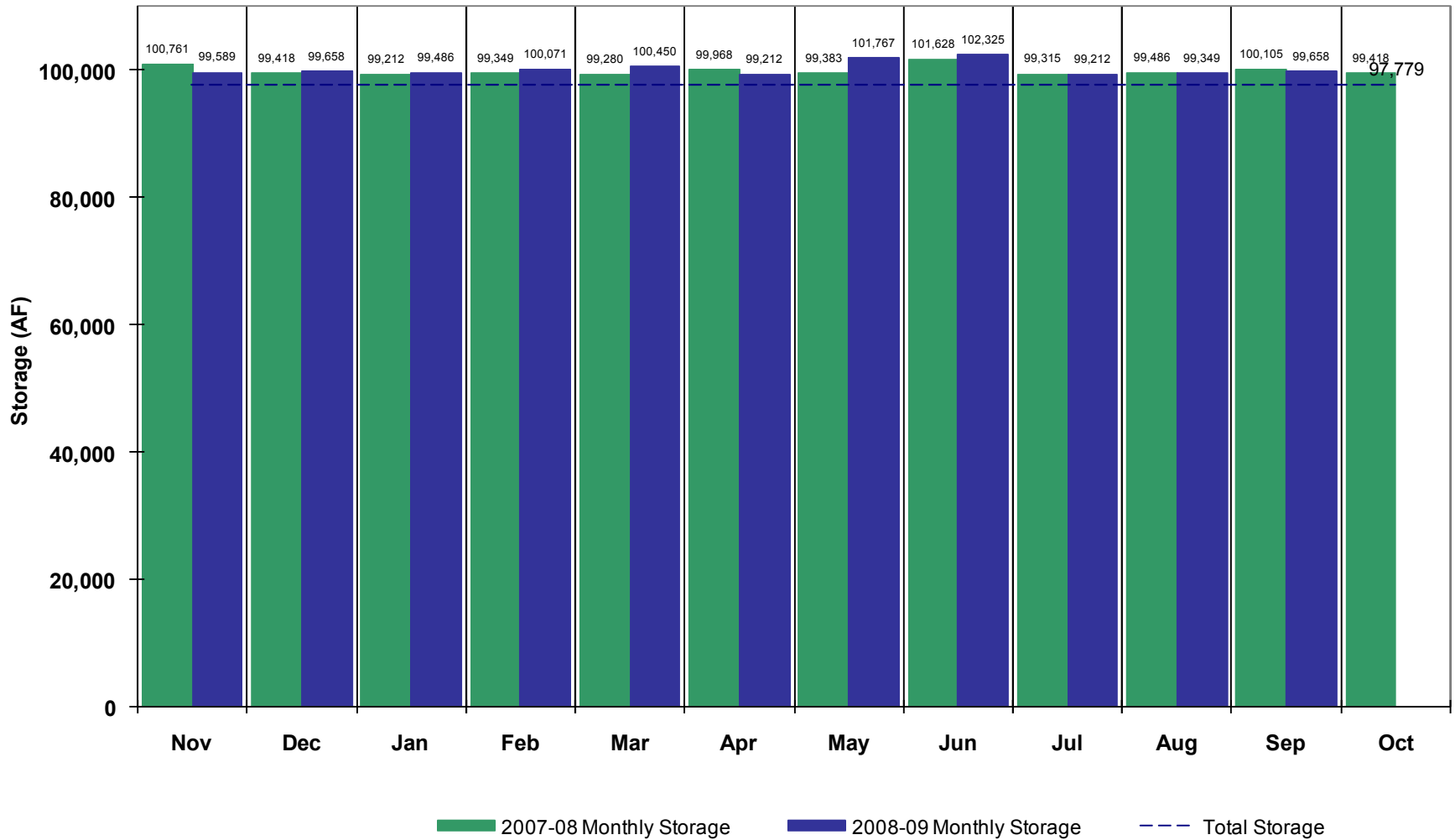
Spinney Mountain Reservoir

(District 23 - Municipal)

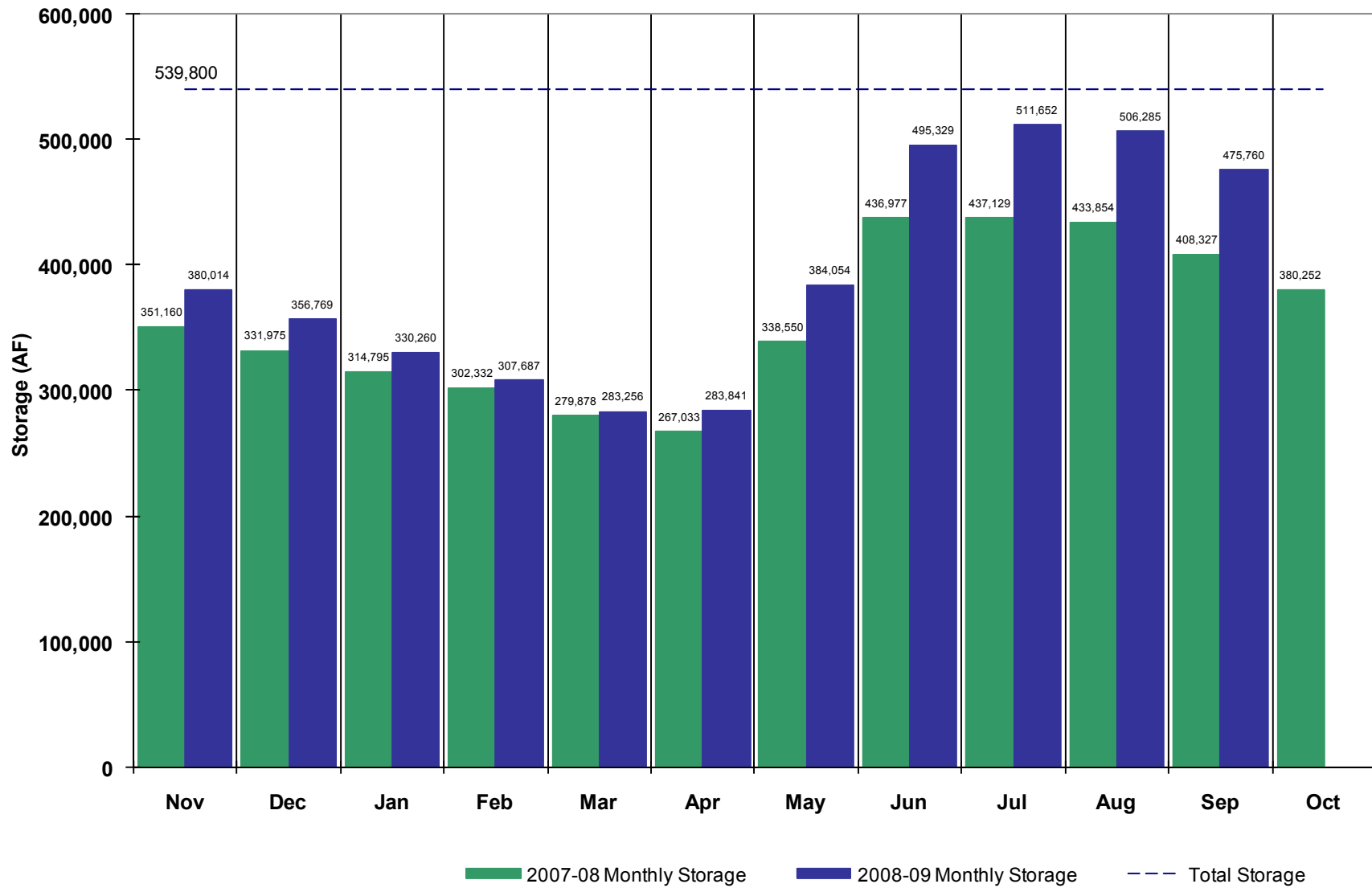


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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



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