

South Platte Summary

August 2009



Compiled by Jana Ash



South Platte River at Henderson
(Photo by Jana Ash)

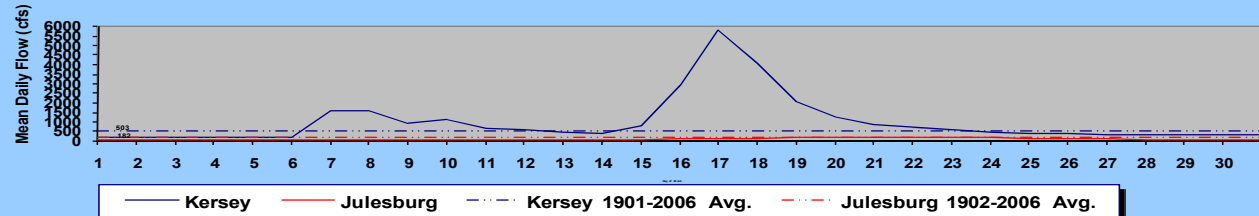
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF AUGUST 2009

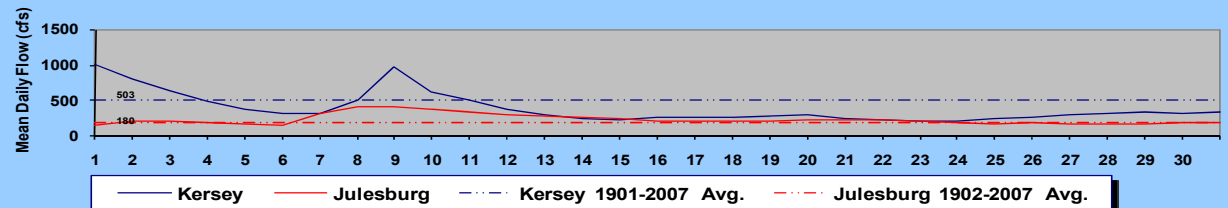
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	20,575	14,710	64	-5,865	-29%	65%	48%	0
N STERLING	73,730	56,974	35,544	64	-21,430	-38%	48%	23%	0
PREWITT	28,500	24,976	25,765	64	789	3%	90%	54%	0
JACKSON	27,257	26,009	20,798	1	-5,211	-20%	76%	46%	0
EMPIRE	37,700	23,412	8,472	1	-14,940	-64%	22%	17%	0
RIVERSIDE	63,113	52,112	33,838	1	-18,274	-35%	54%	36%	0
BARR LAKE	31,652	26,926	17,701	2	-9,225	-34%	56%	42%	0
CHEESMAN	79,064	78,323	73,009	80	-5,314	-7%	92%	93%	0
ELEVEN MILE	97,779	99,212	99,349	23	137	0%	100%	100%	1,570
SPINNEY	53,651	53,155	50,016	23	-3,139	-6%	93%	90%	0
ANTERO	20,015	20,147	19,754	23	-393	-2%	99%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	385
JULESBURG	237
THIS MONTH LAST YEAR	
KERSEY	1031
JULESBURG	73
MEAN FOR PERIOD OF RECORD*	
KERSEY	503
JULESBURG	180
* 1901-2007	
1902-2007	

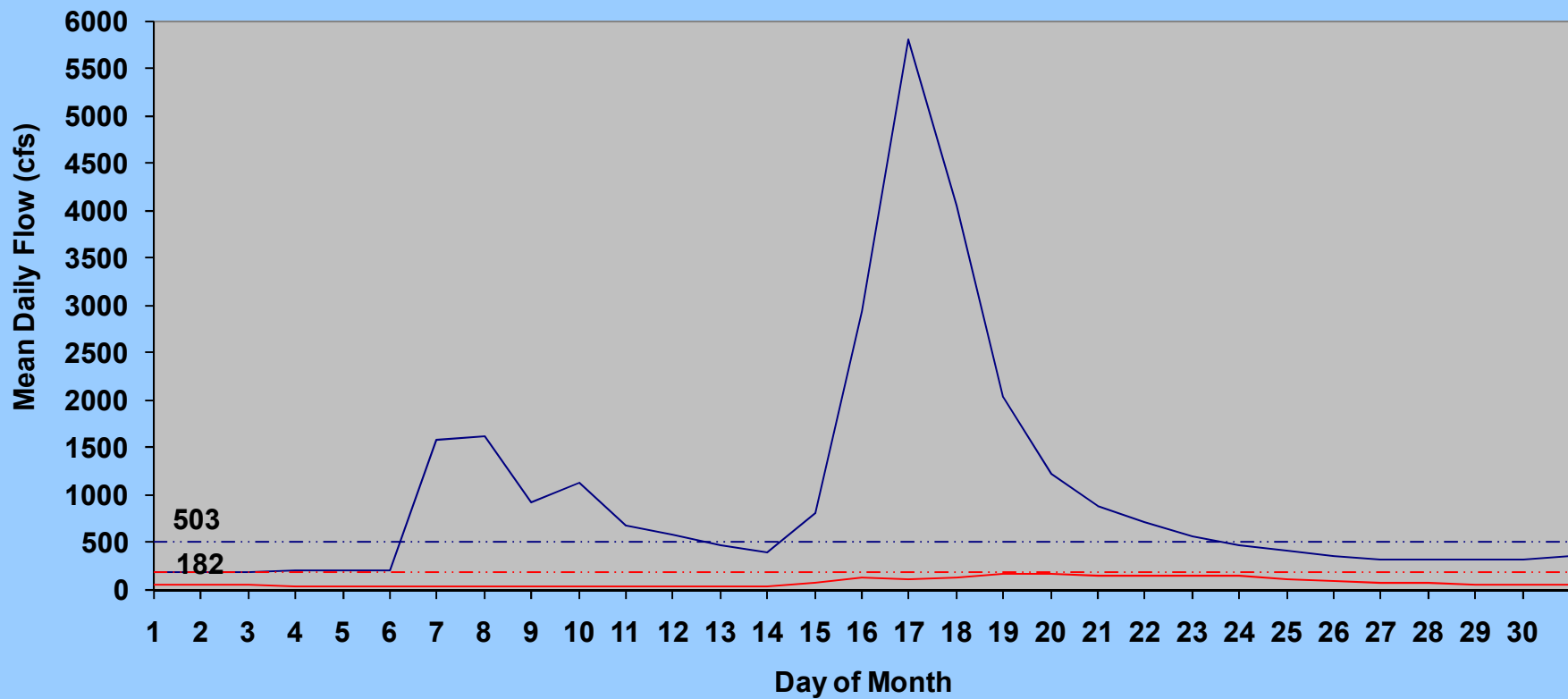
**SOUTH PLATTE RIVER
AUGUST 2008**



**SOUTH PLATTE RIVER
AUGUST 2009**

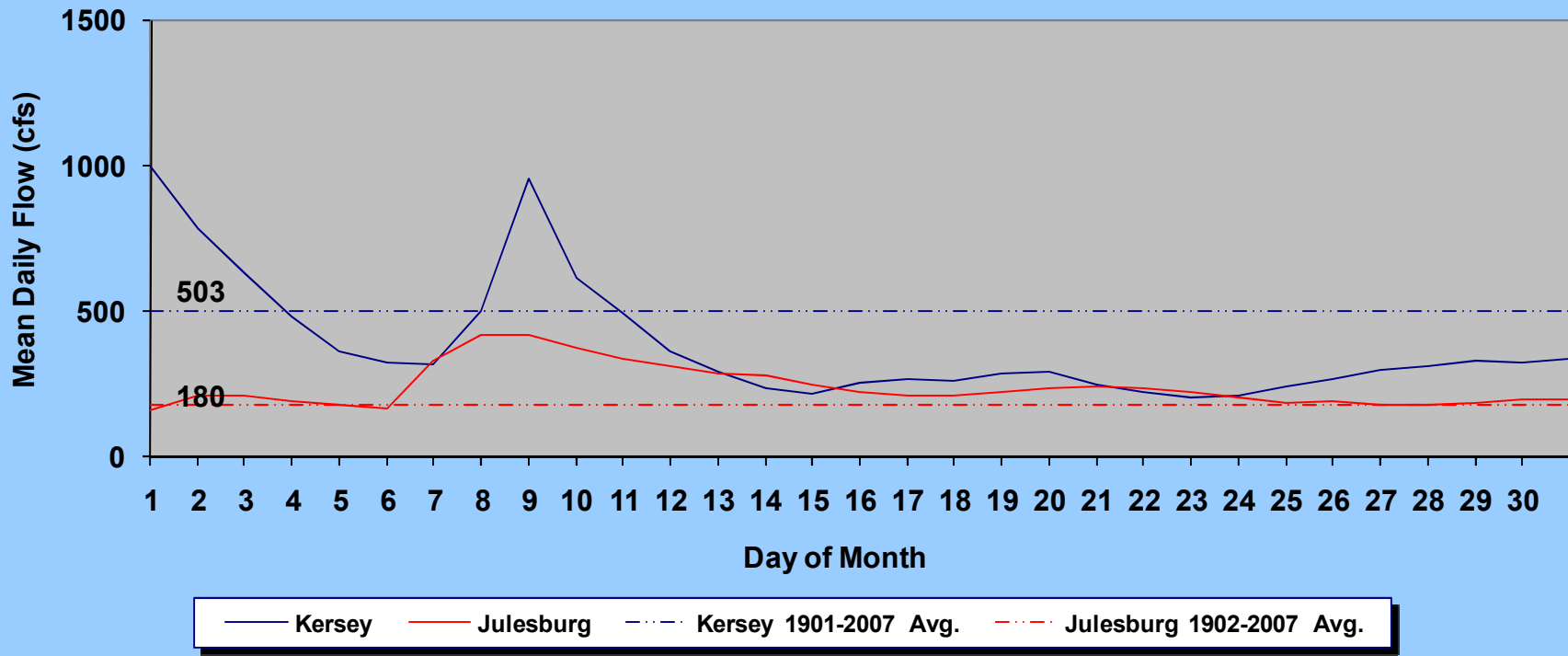


SOUTH PLATTE RIVER AUGUST 2008

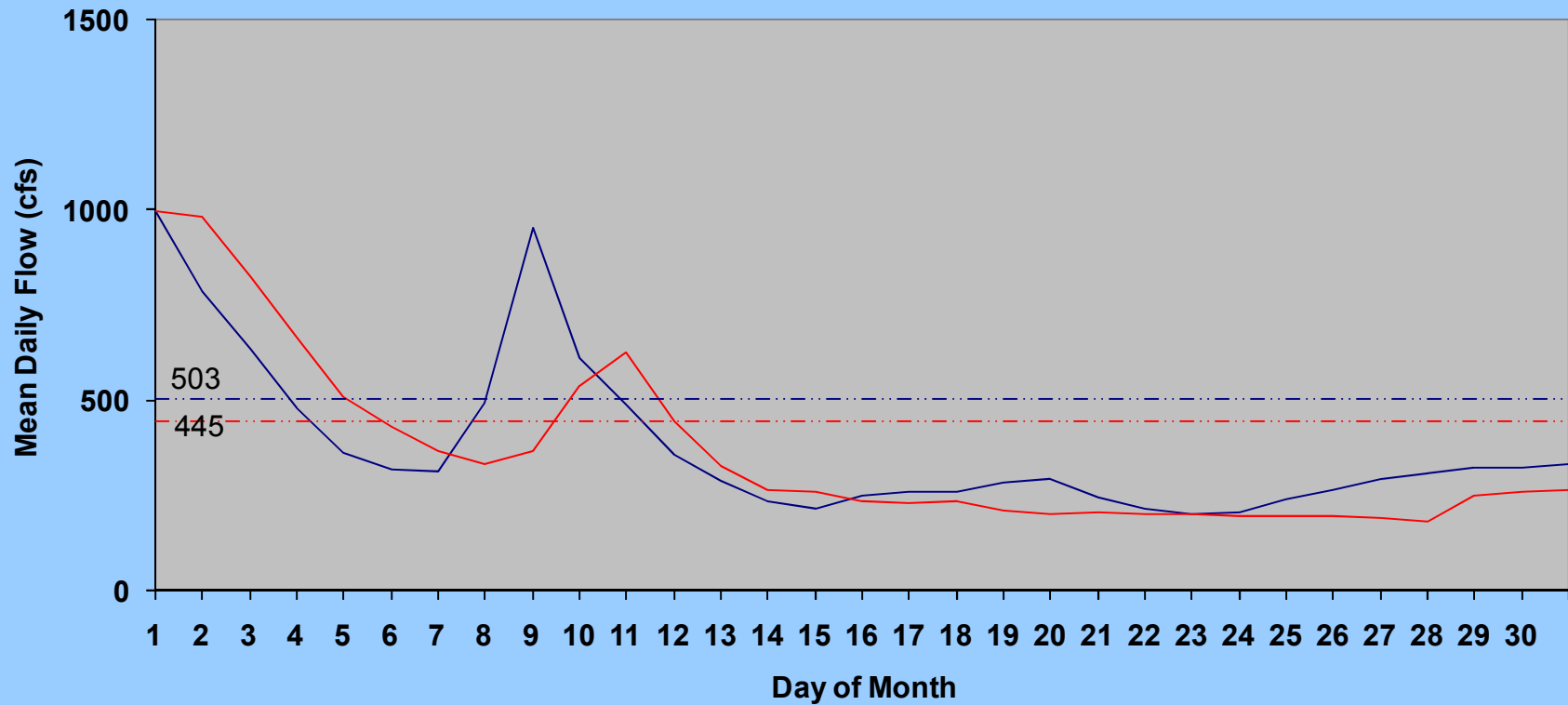


— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

SOUTH PLATTE RIVER AUGUST 2009



KERSEY and BALZAC AUGUST 2009



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

South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey

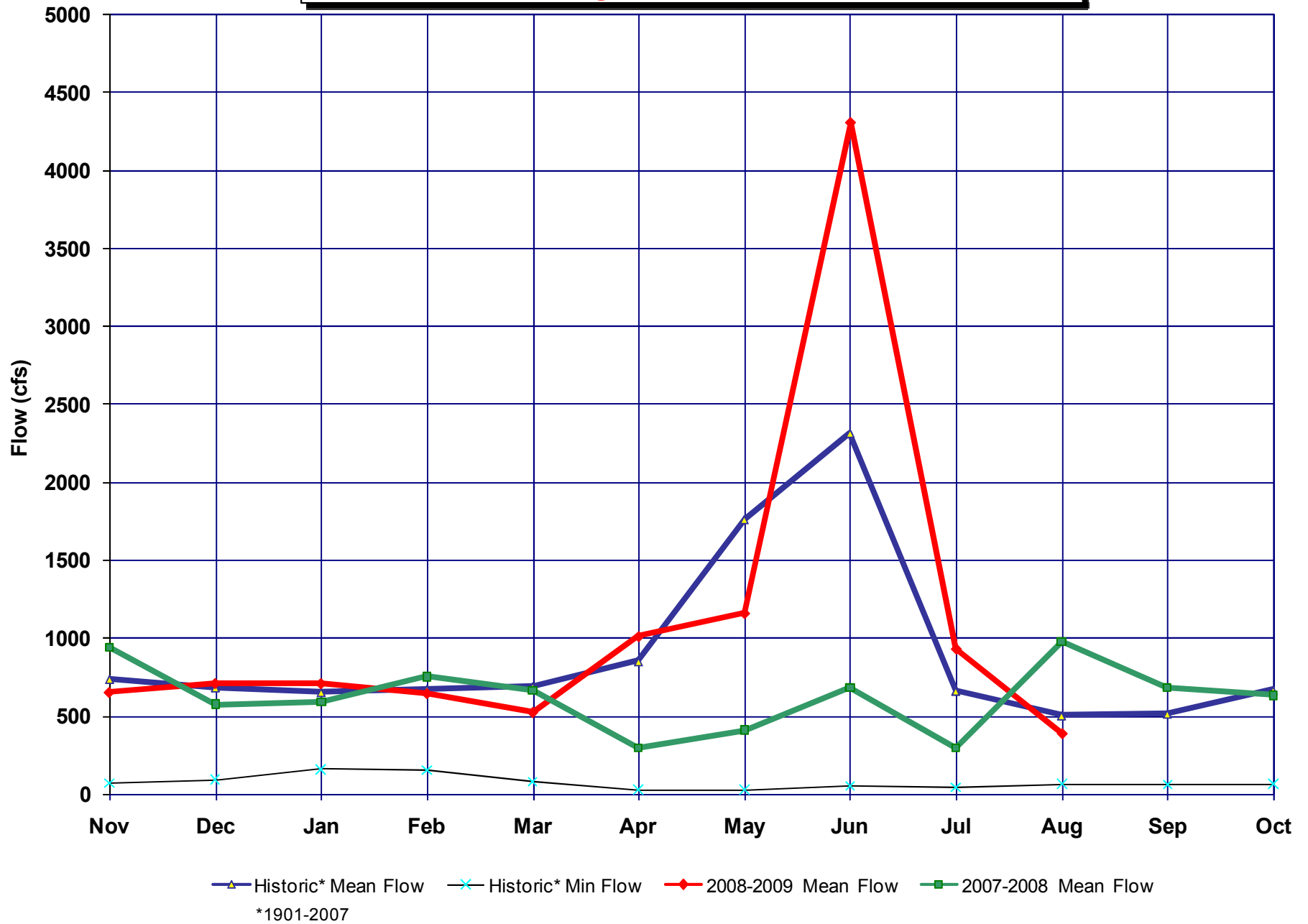
South Platte River at Julesburg

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		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						

Reservoir Near Henderson
(Photo by Jana Ash)

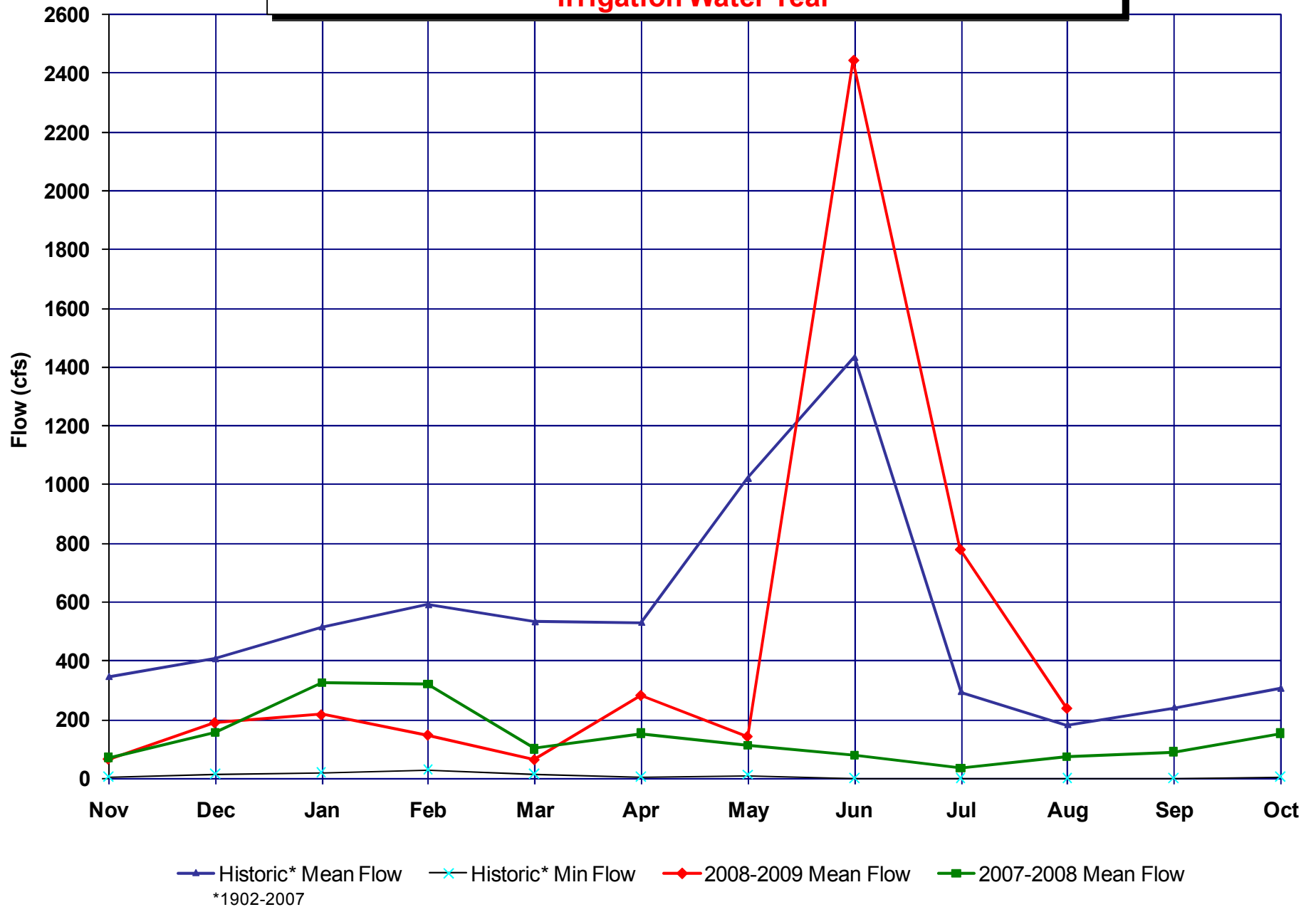
South Platte River at Kersey

Irrigation Water Year



South Platte River at Julesburg

Irrigation Water Year



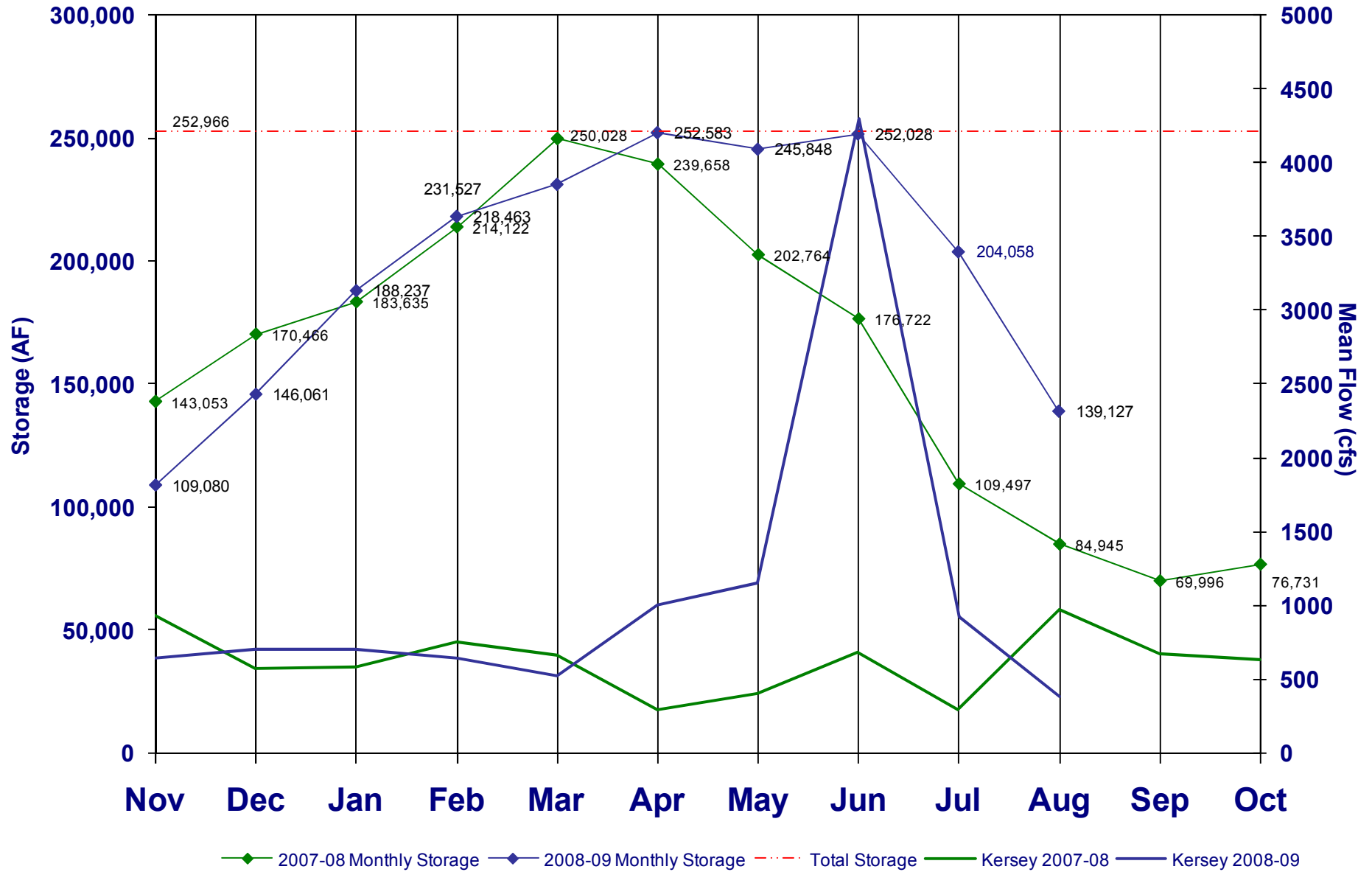
Next four slides show Reservoir Storage below and above Kersey



South Platte River below
Strontia
(Photo by Jana Ash)

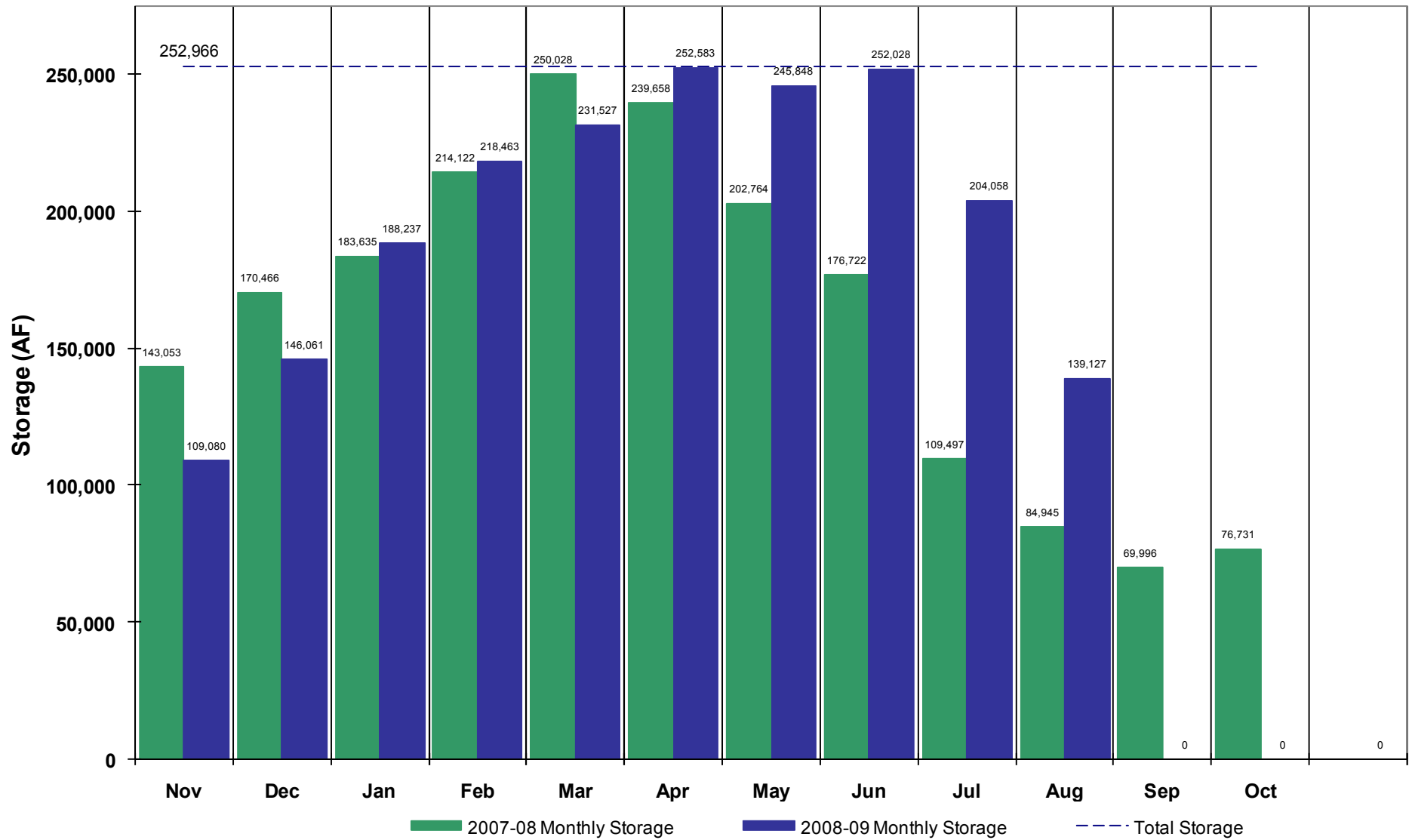
Reservoir Storage below Kersey

Selected Reservoirs*



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

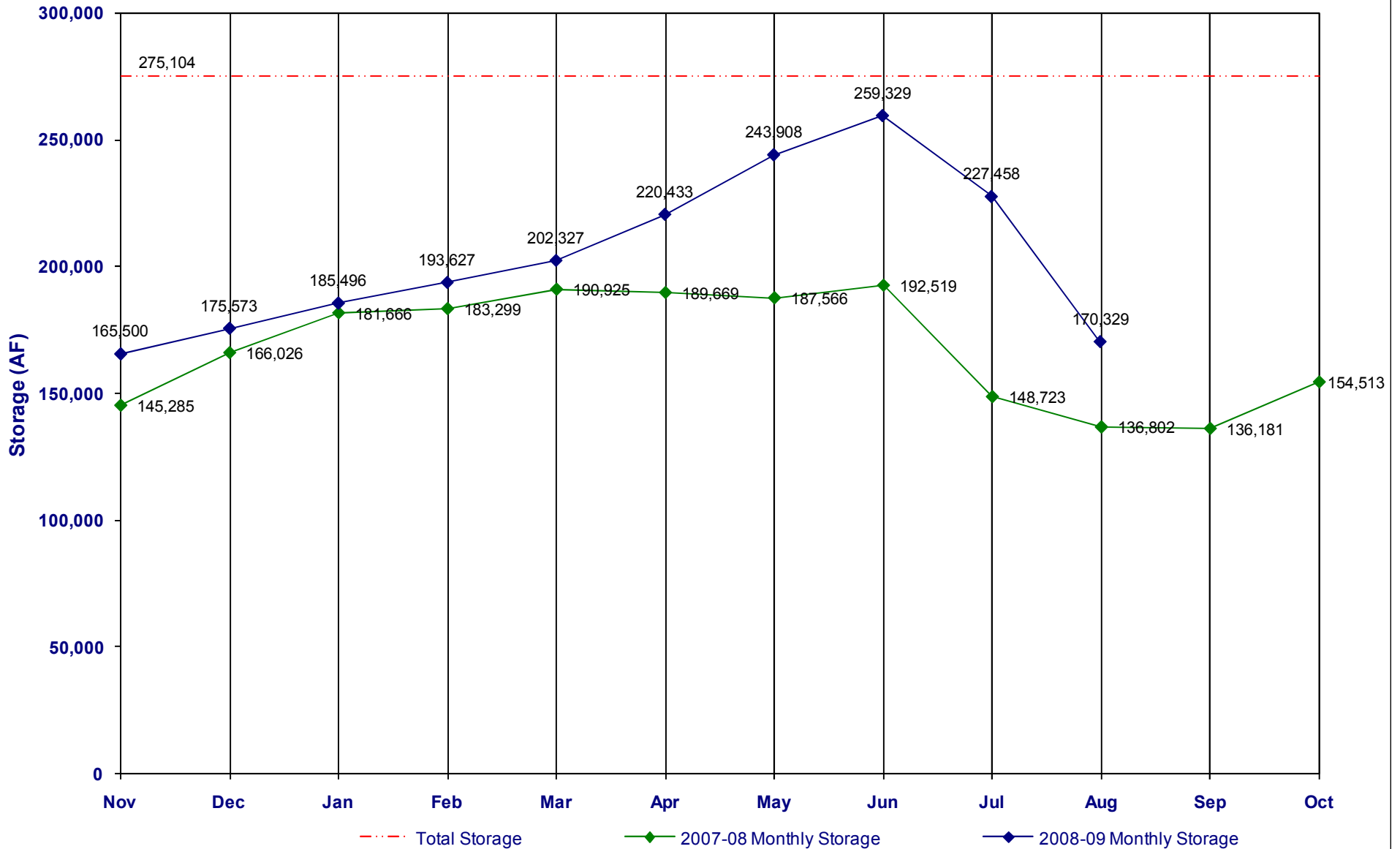
South Platte Reservoirs Storage below Kersey*



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

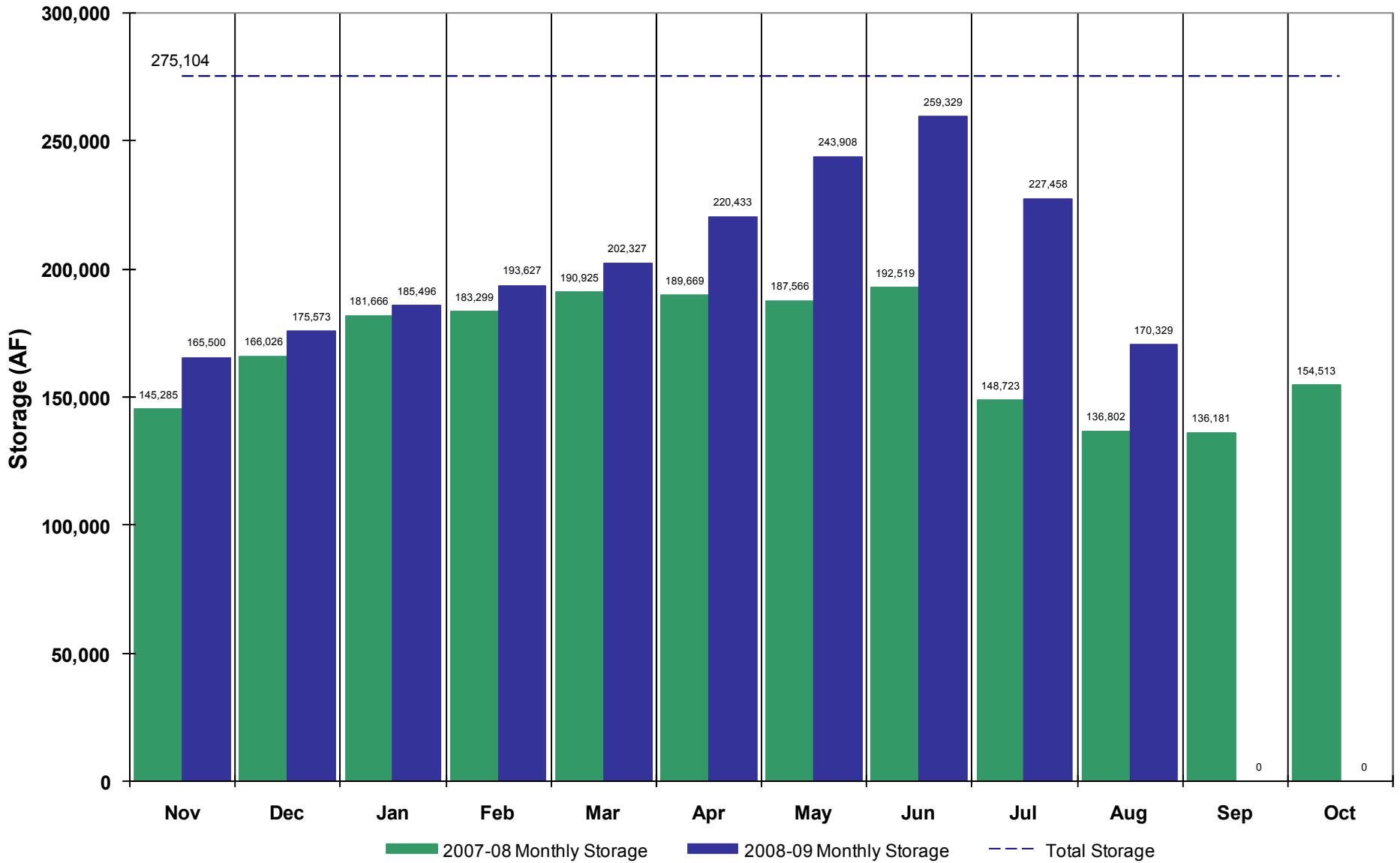
Reservoir Storage above Kersey

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

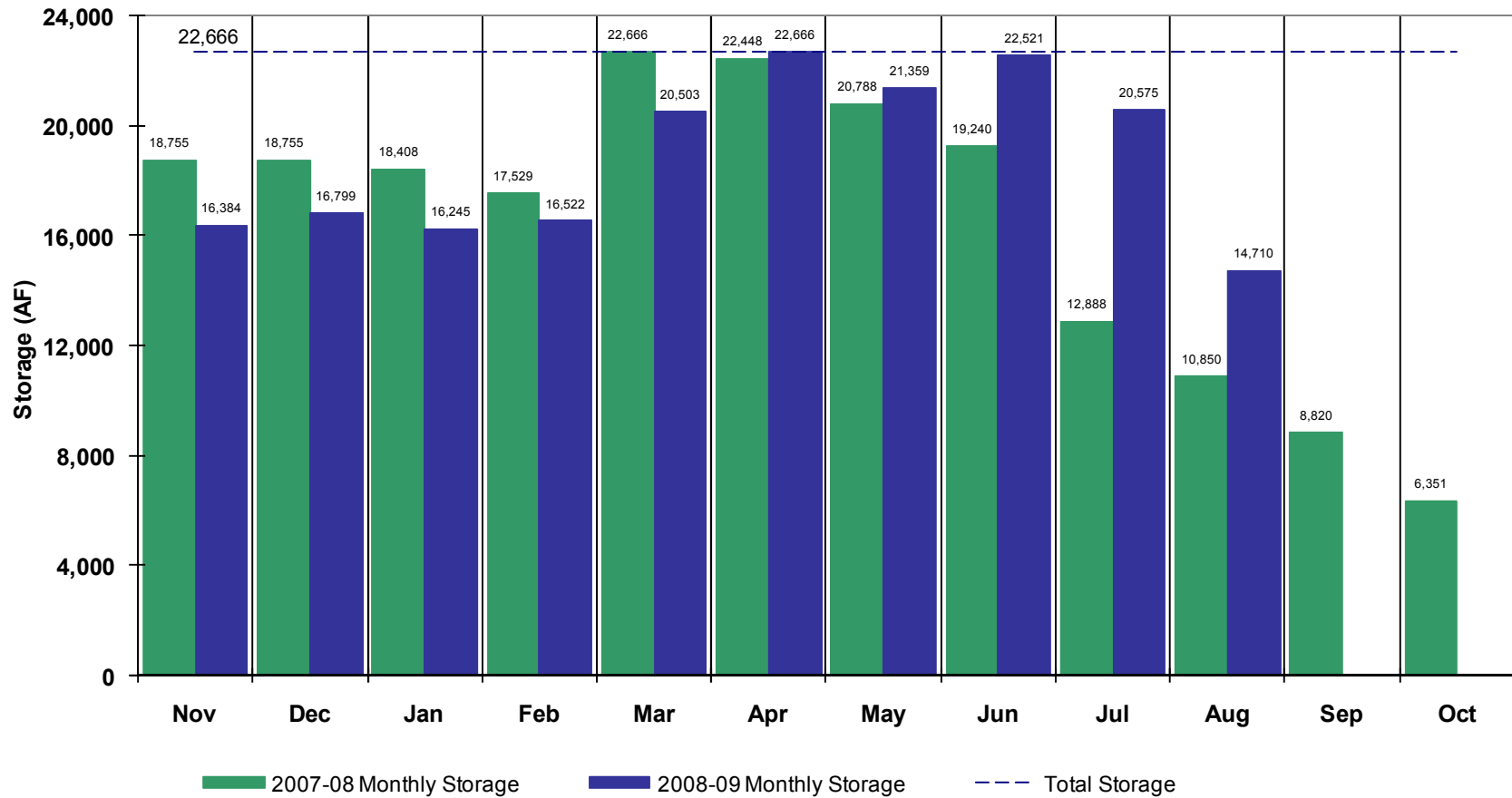
Individual Reservoir Storage Follows



**Pearl Storage Reservoir near
Fairplay, CO
(Photo by Garver Brown)**

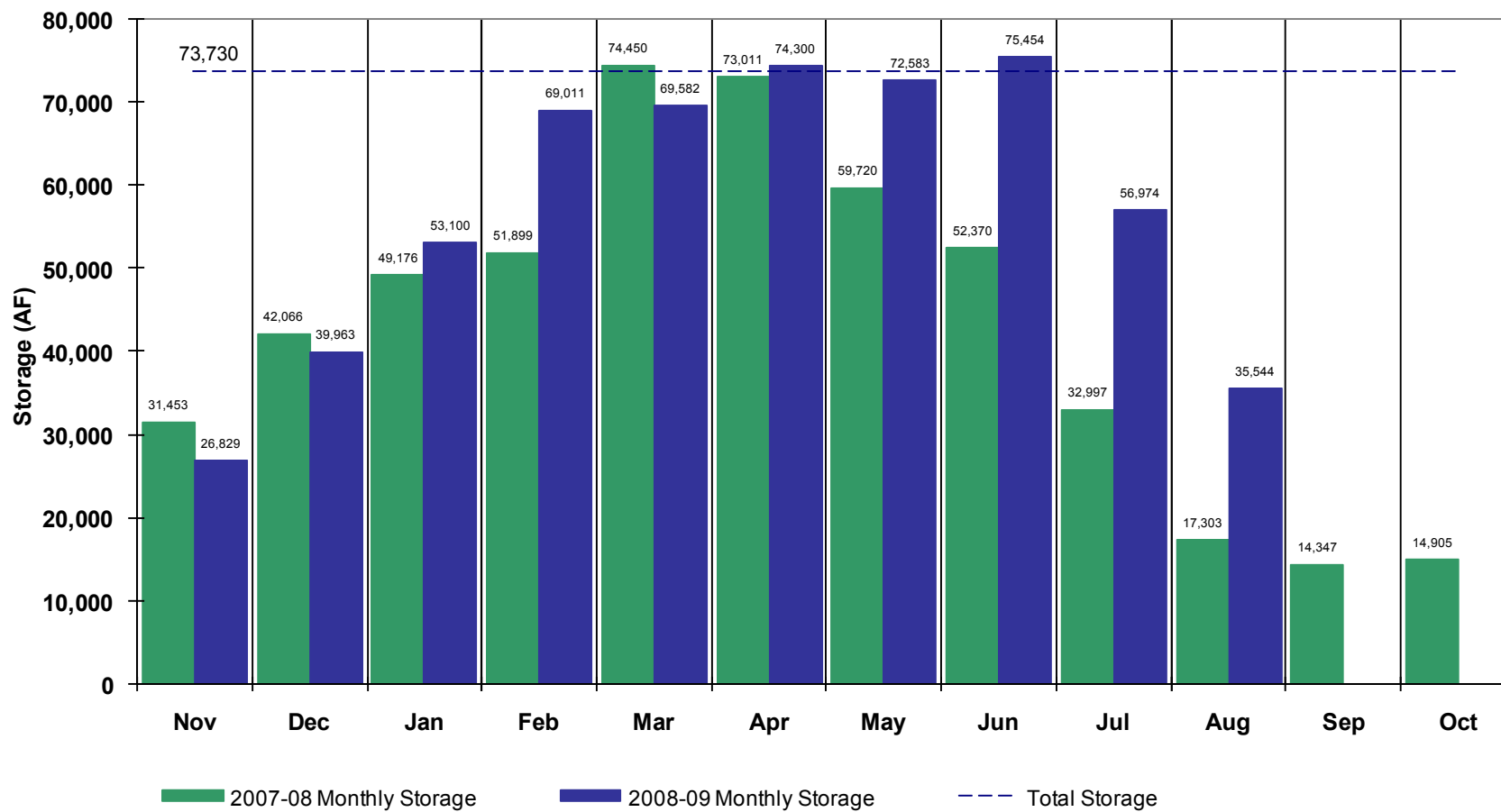
Julesburg Reservoir

(District 64 - Agricultural)



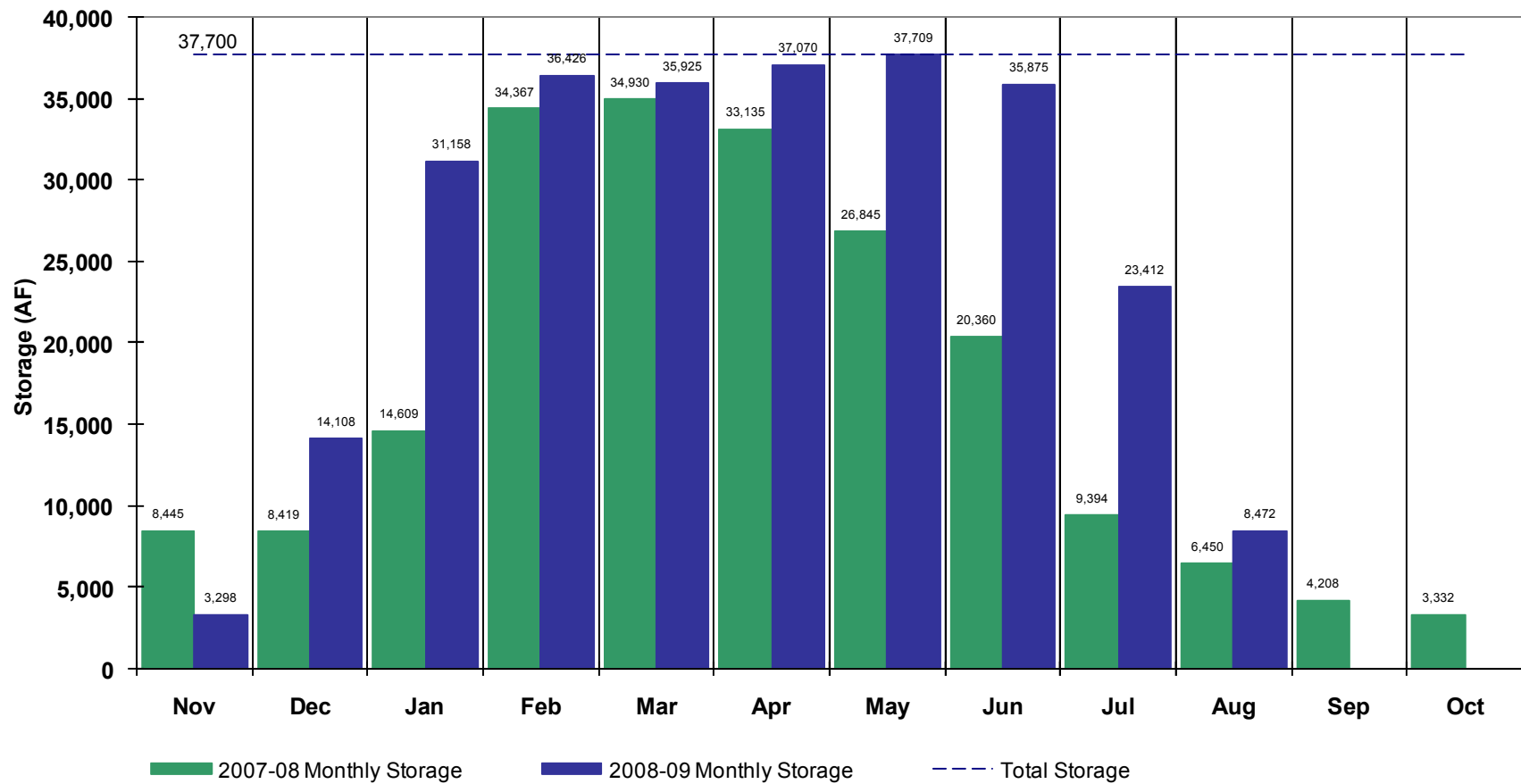
North Sterling Reservoir

(District 64- Agricultural)



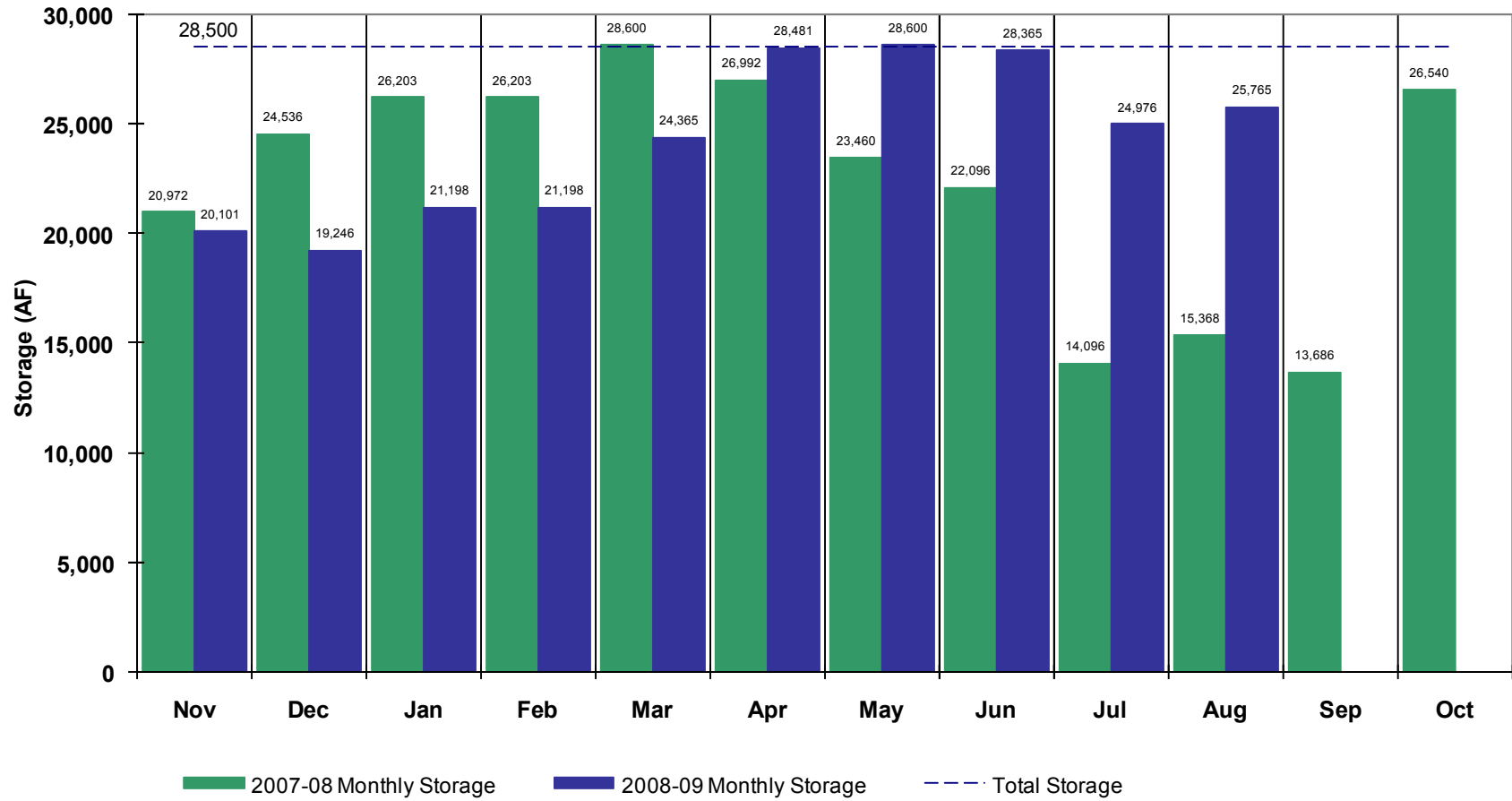
Empire Reservoir

(District 1- Agricultural)



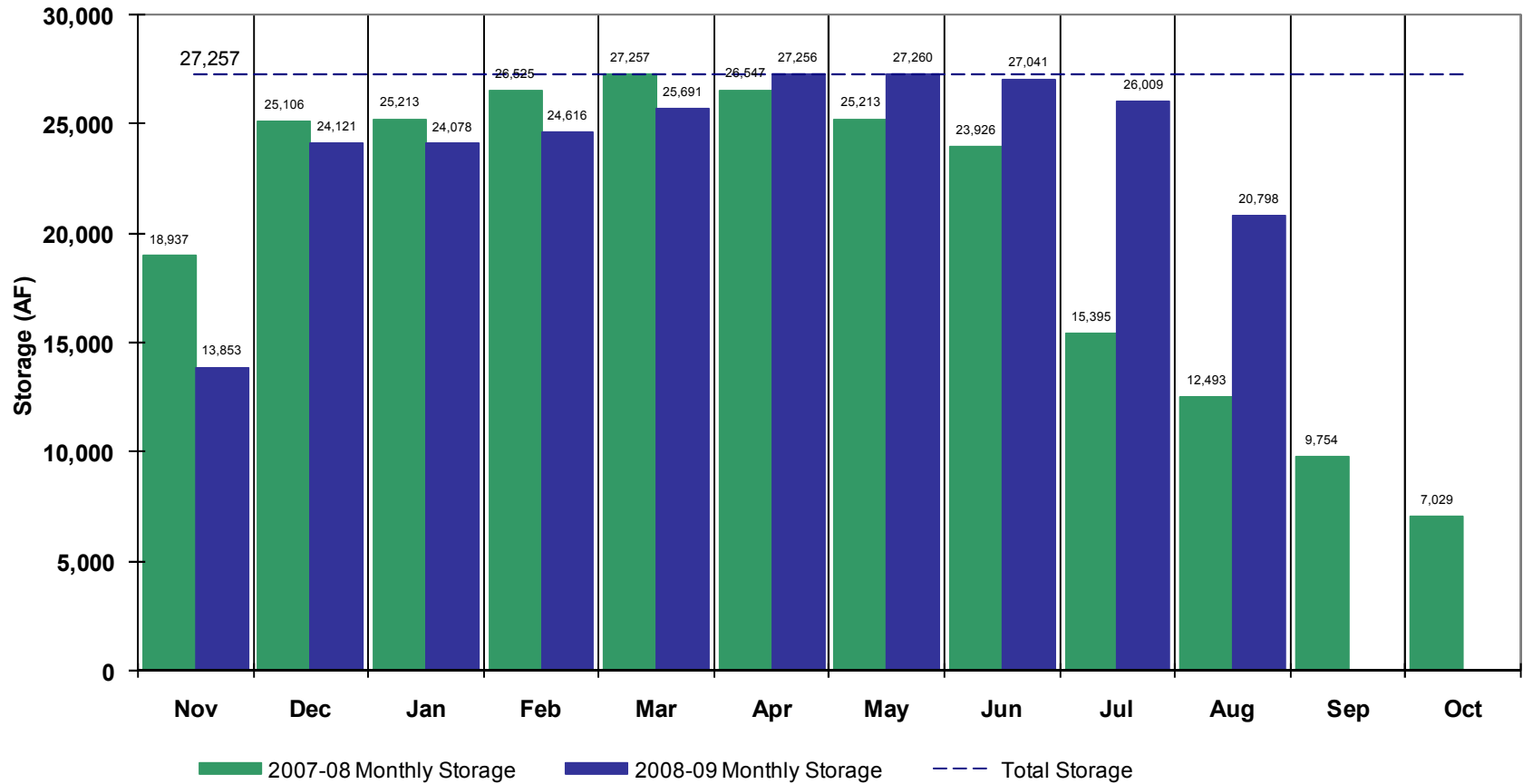
Prewitt Reservoir

(District 64-Agricultural)



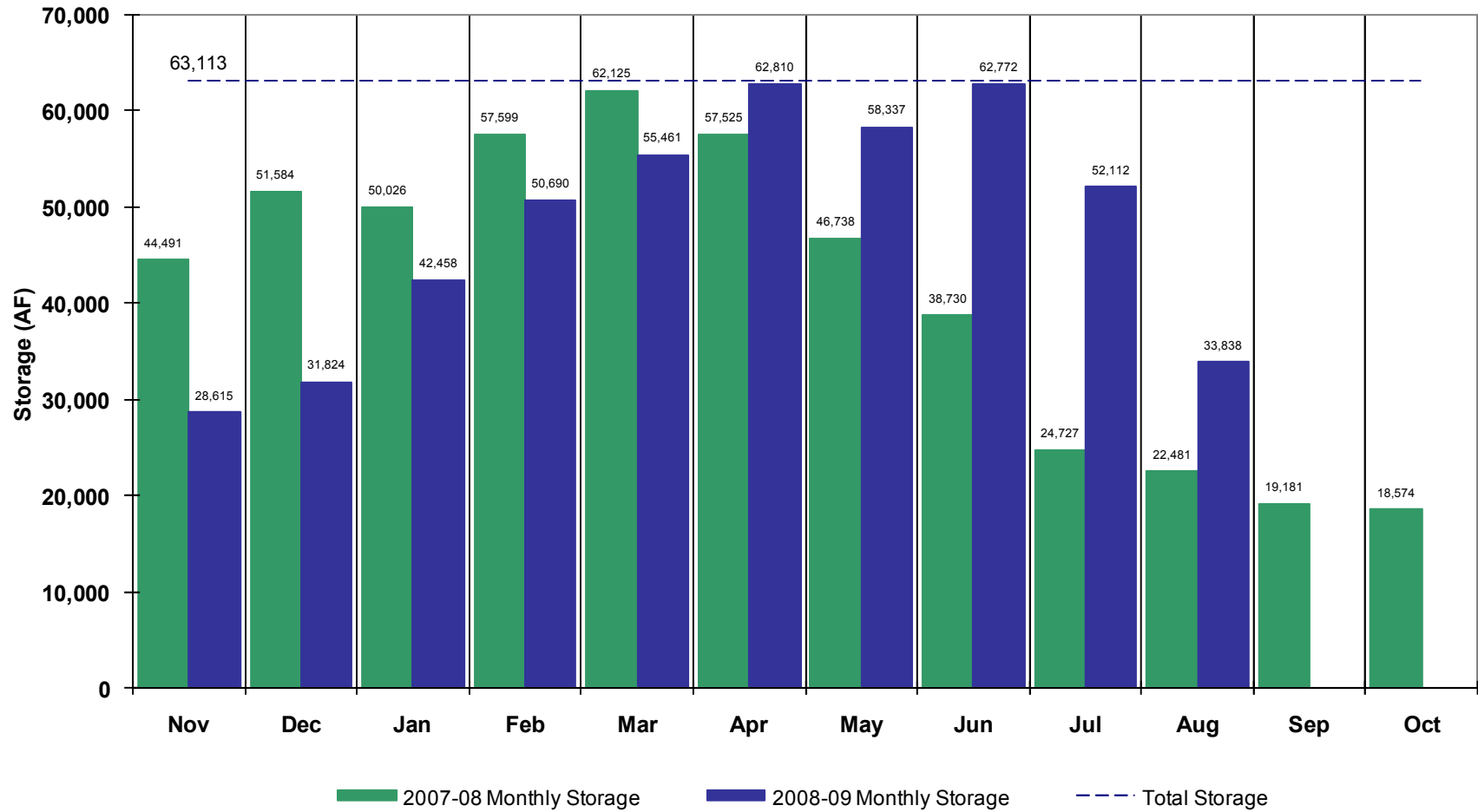
Jackson Reservoir

(District 1- Agricultural)



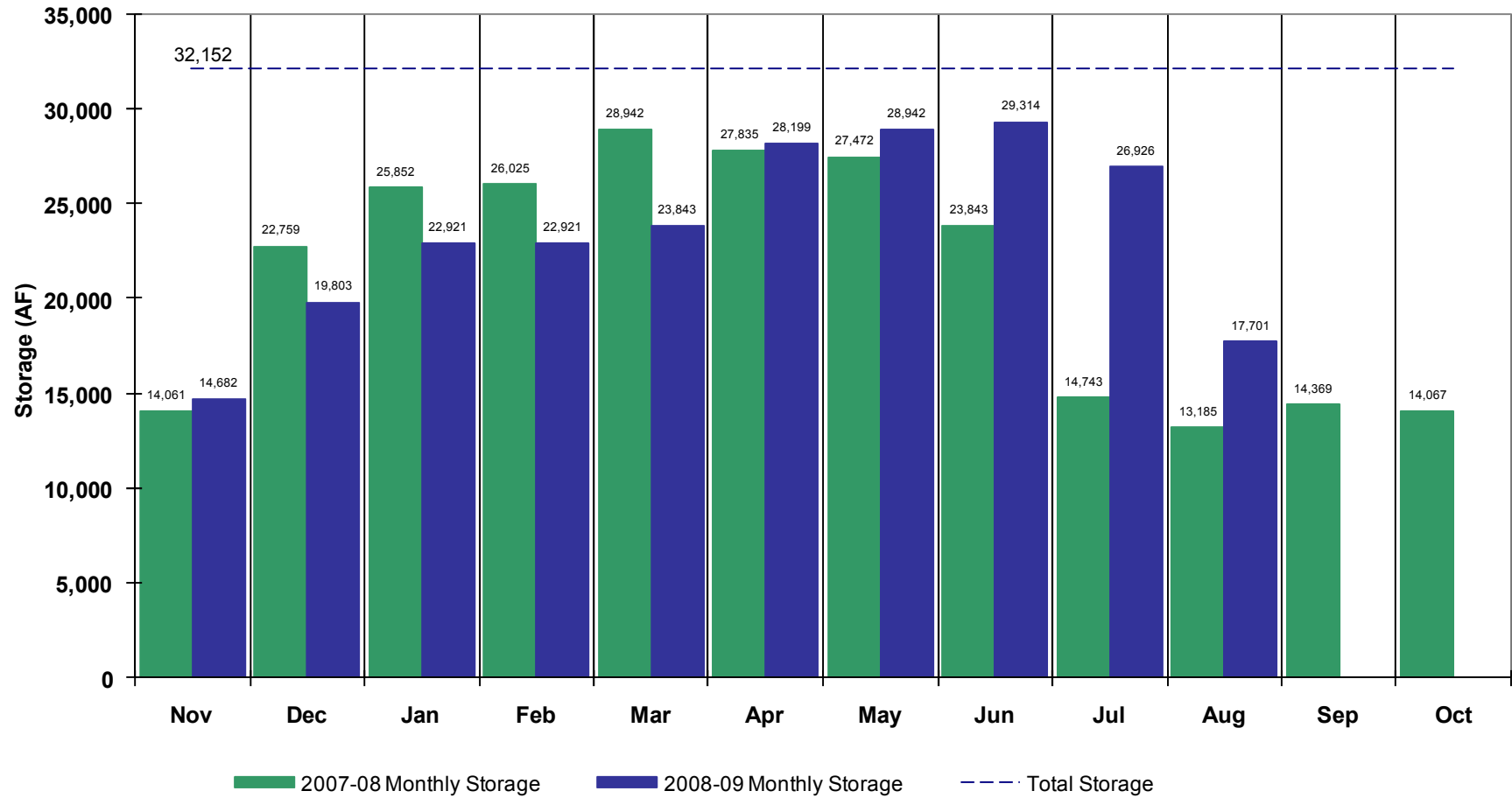
Riverside Reservoir

(District 1 - Agricultural)



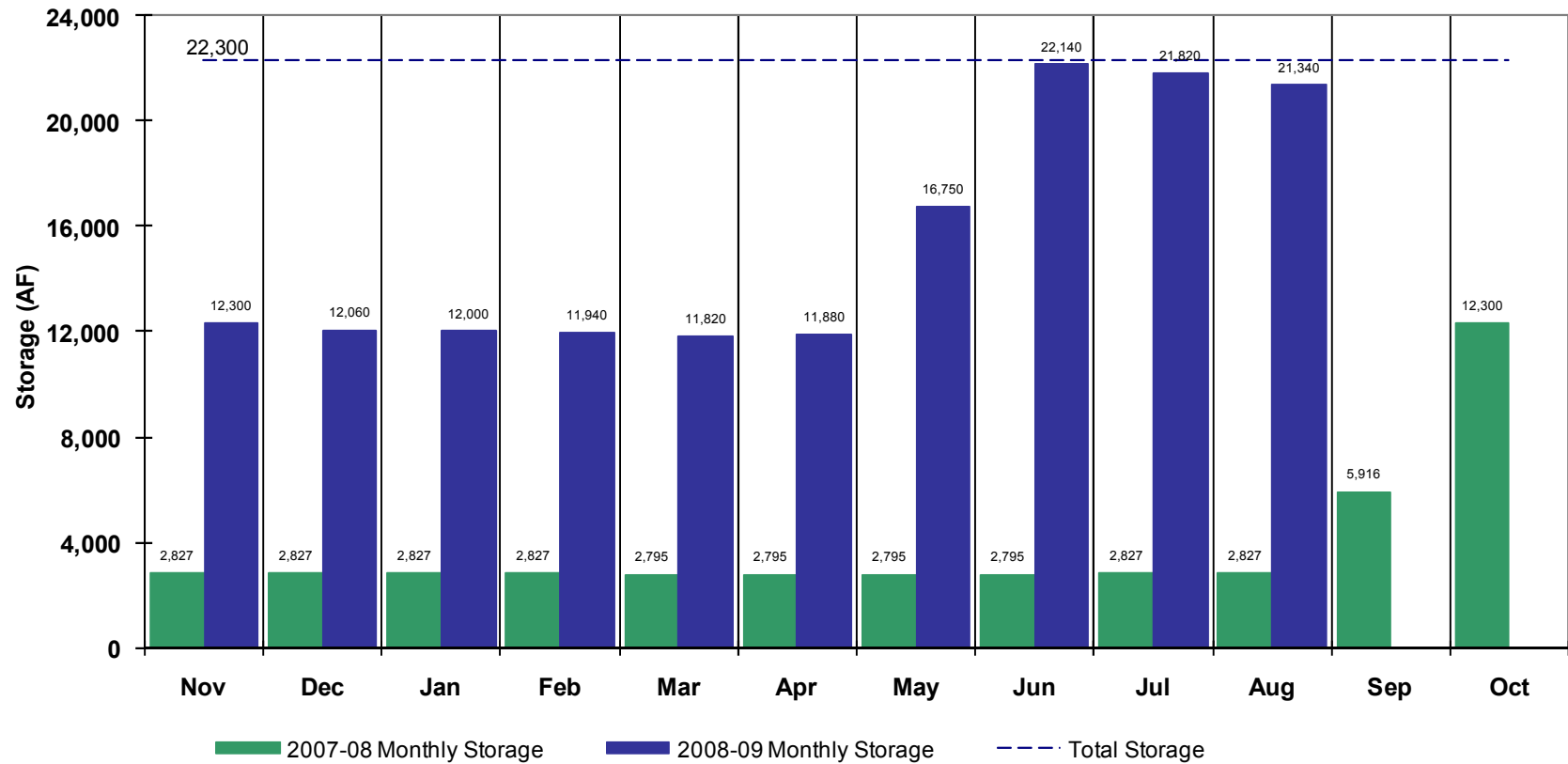
Barr Lake

(District 2 - Agricultural)



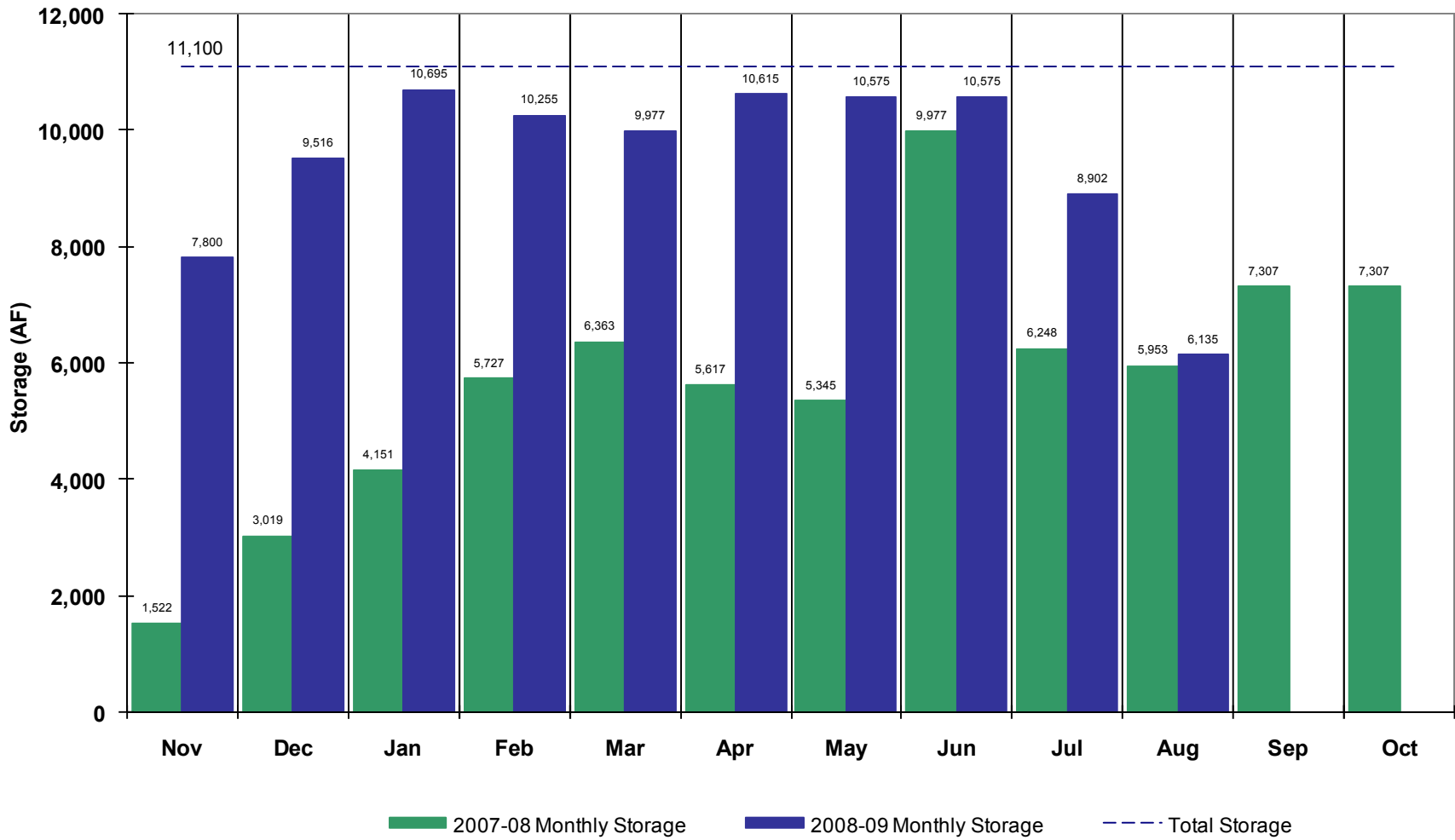
Cobb Lake

(District 3, Poudre River - Agricultural)



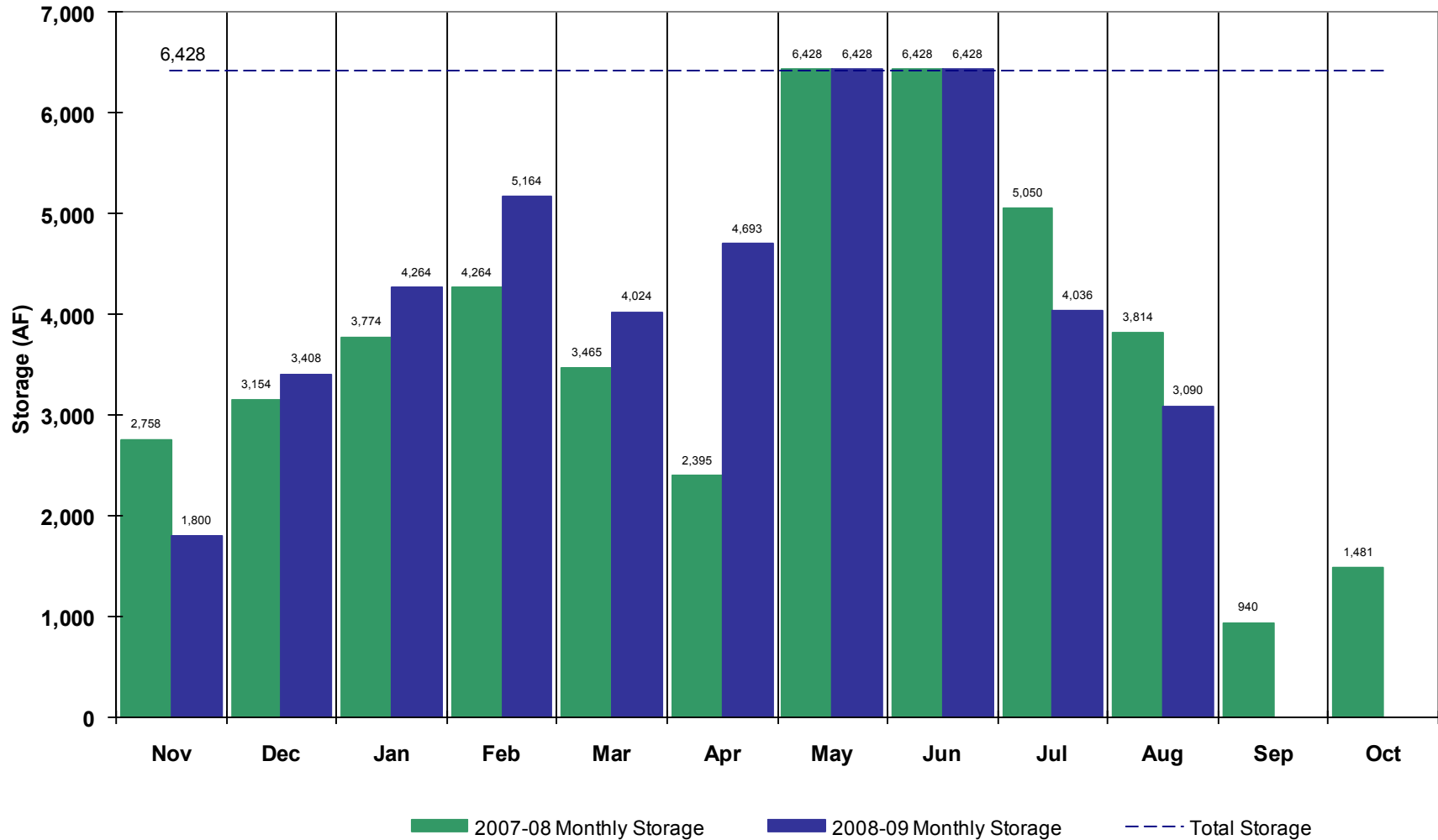
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



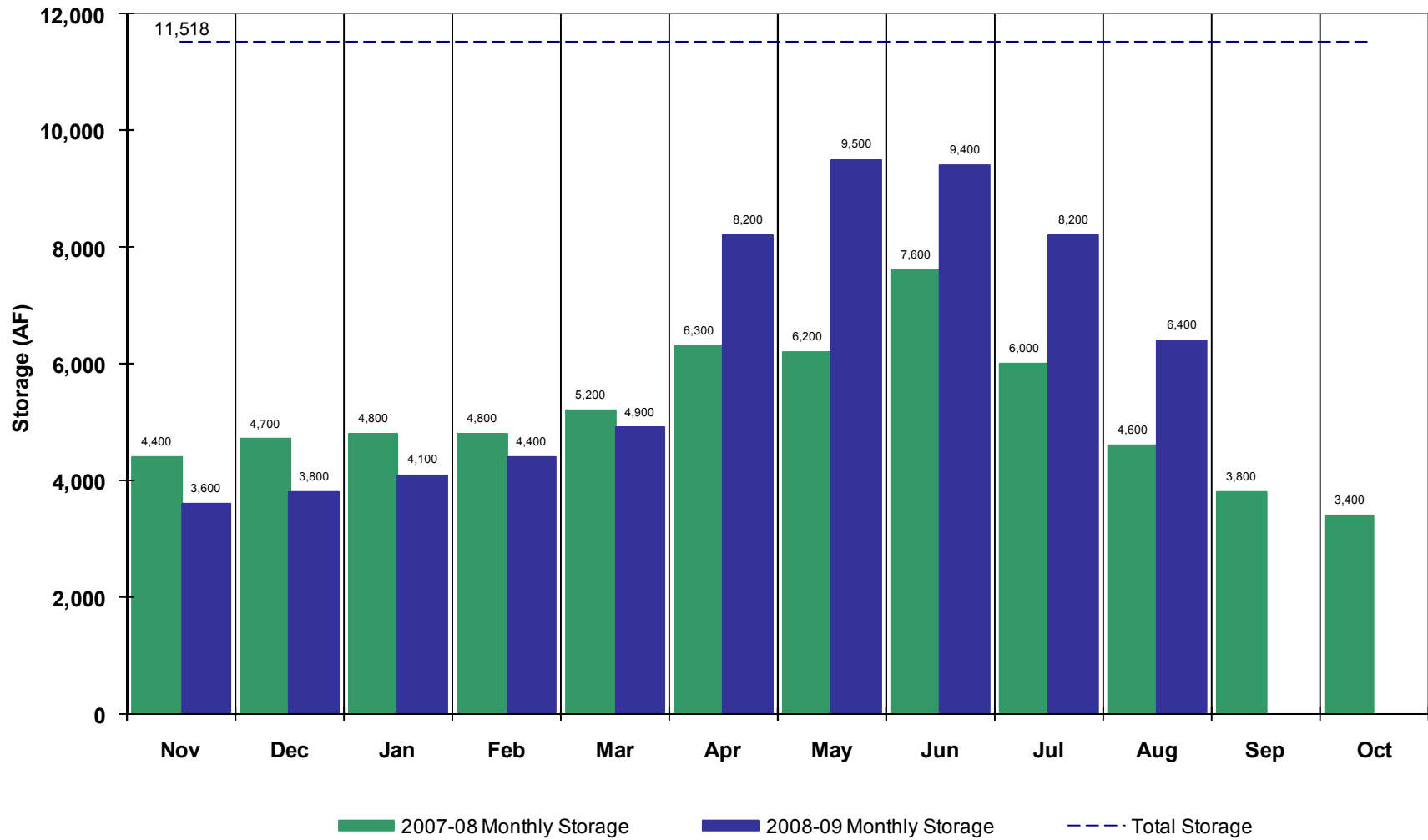
Halligan Reservoir

(District 3, Poudre River - Agricultural)



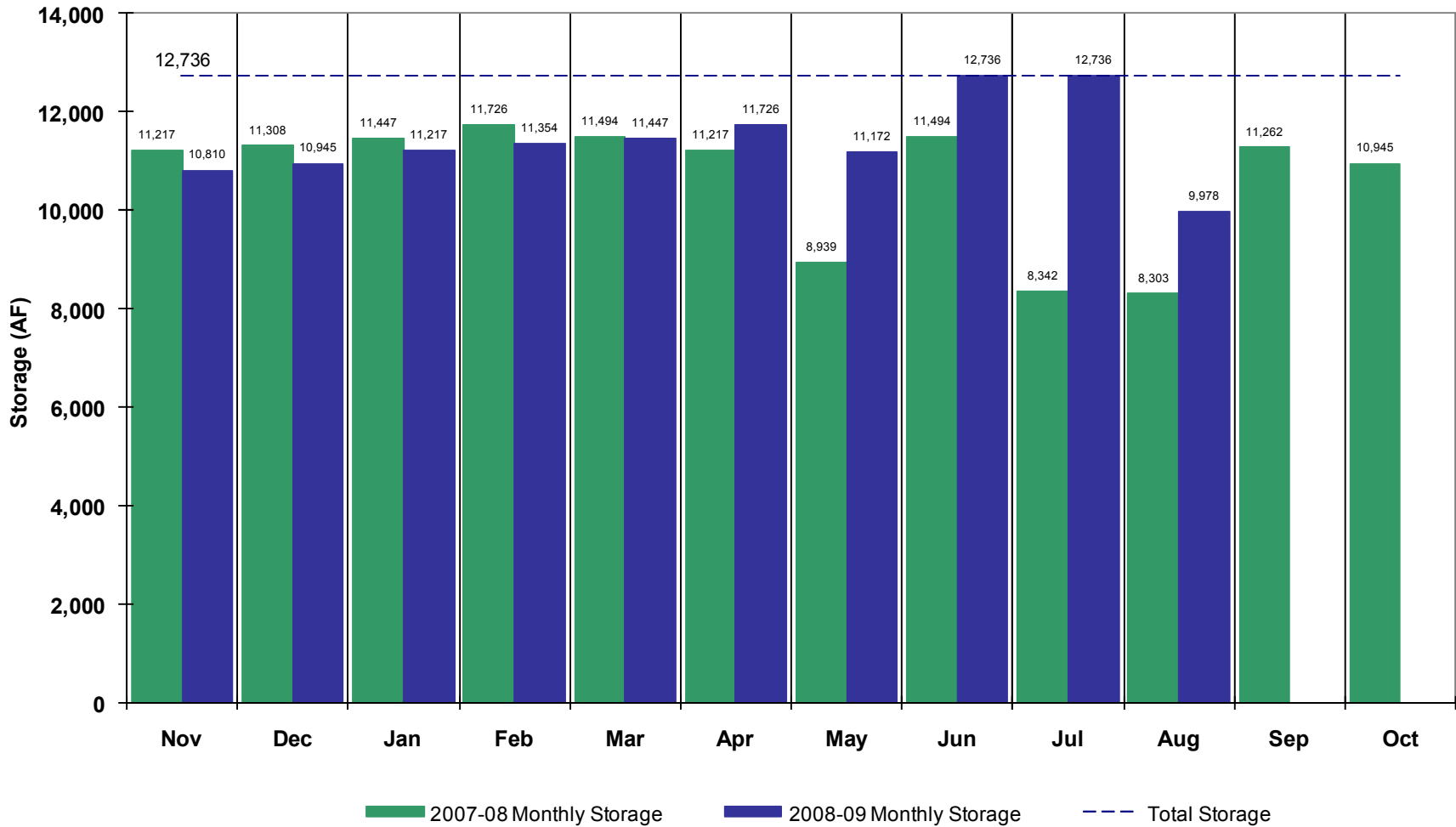
Marshall Lake

(District 6, Boulder Creek - Agricultural)



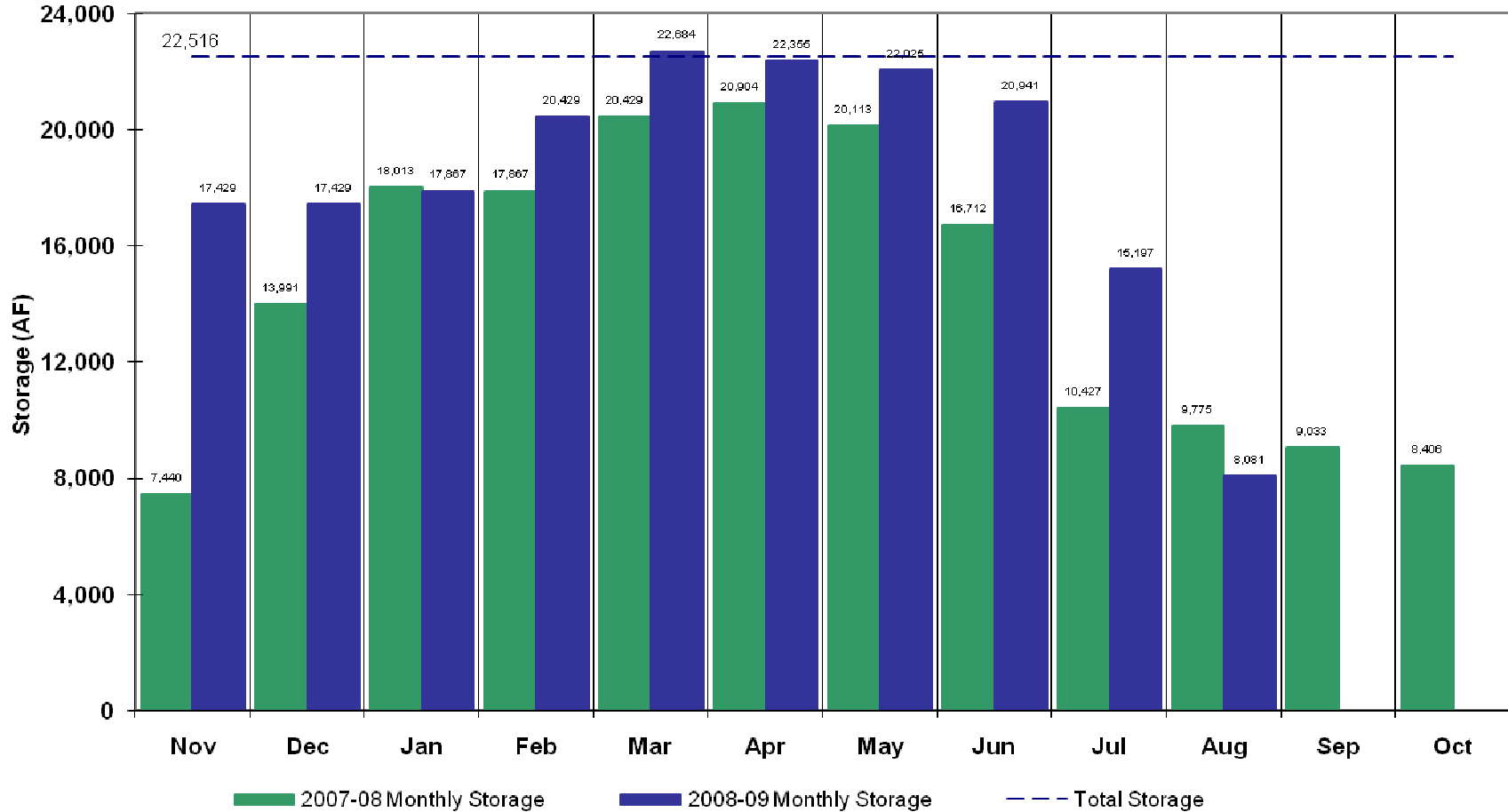
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



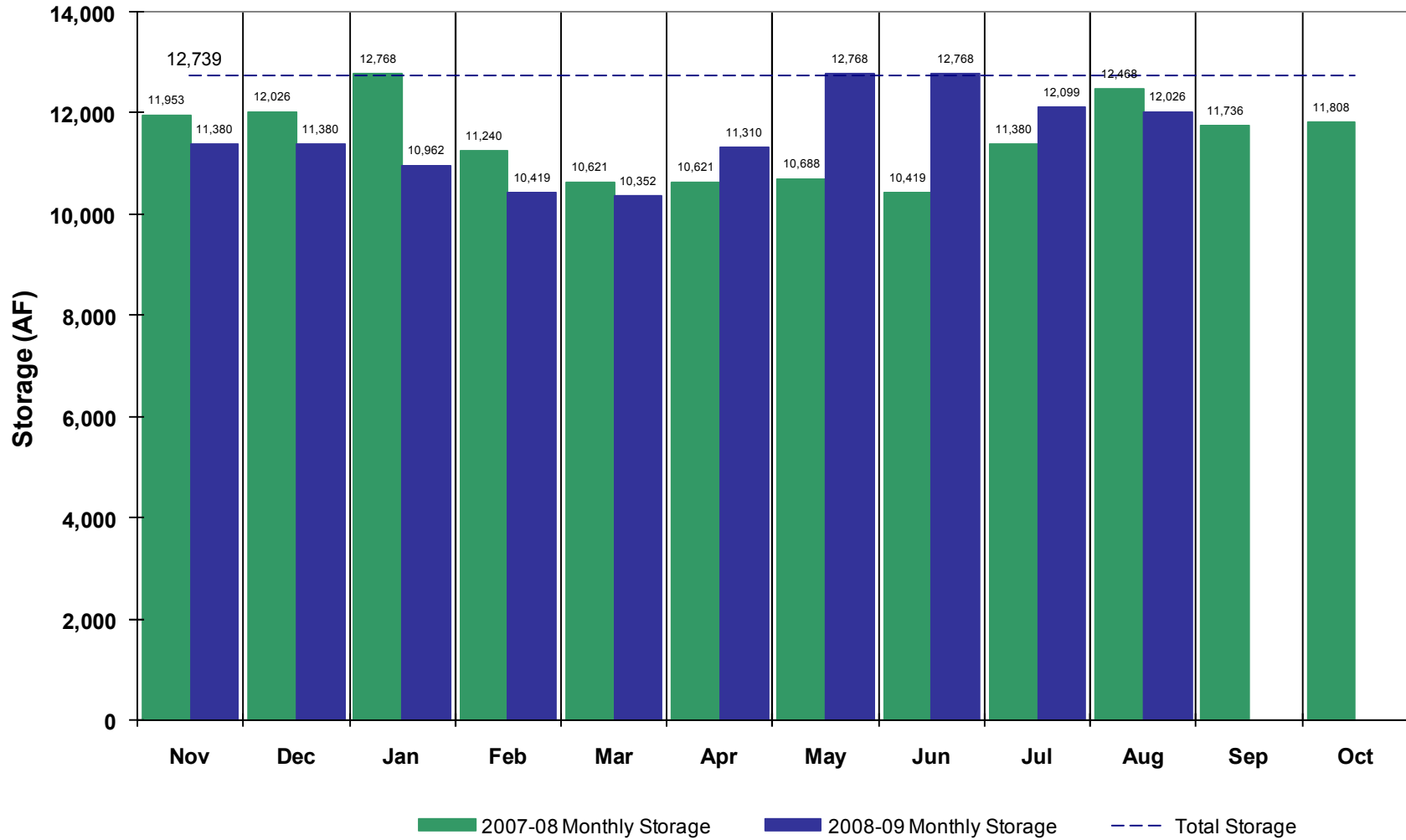
Milton Reservoir

(District 2 - Agricultural)

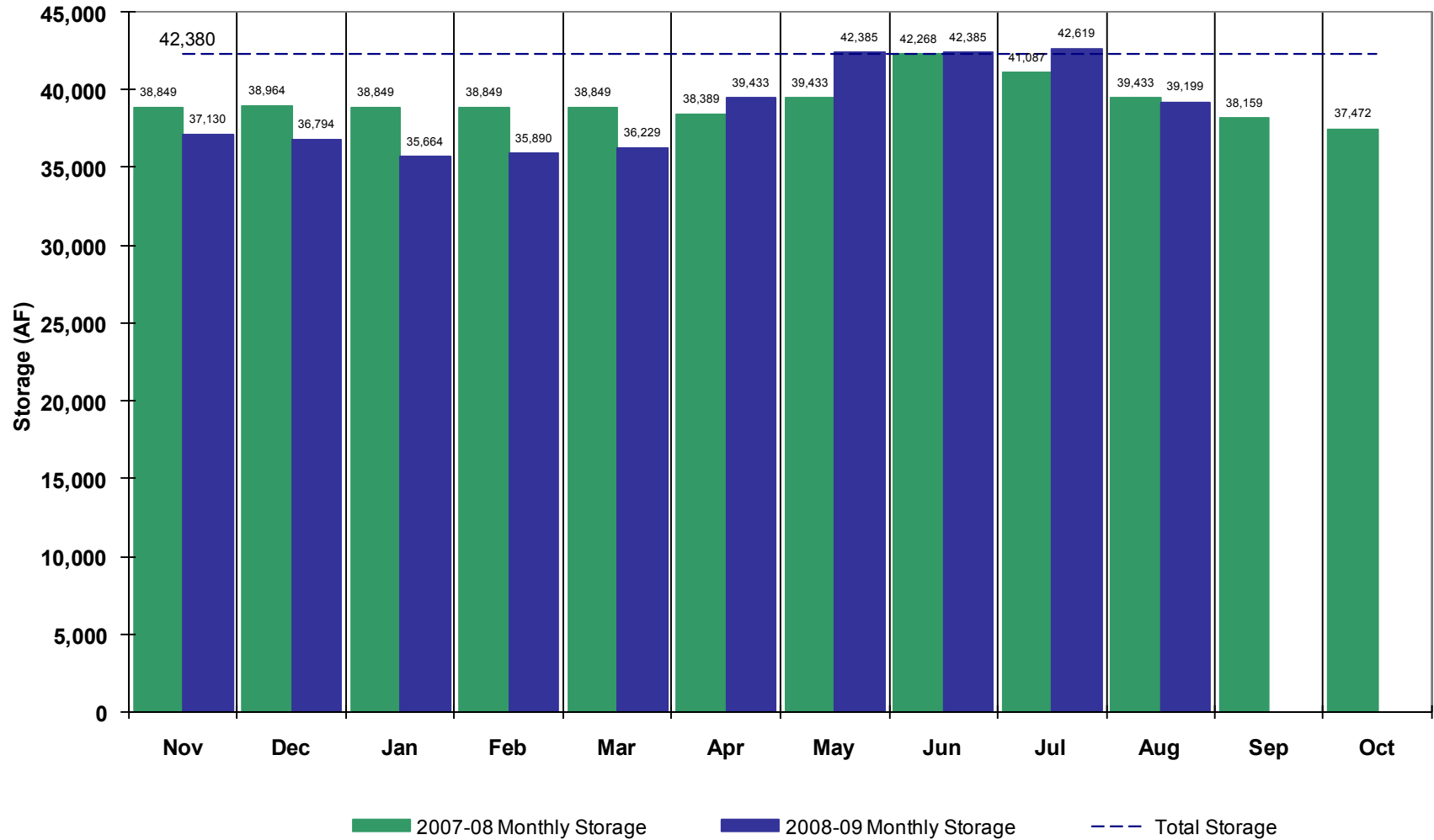


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

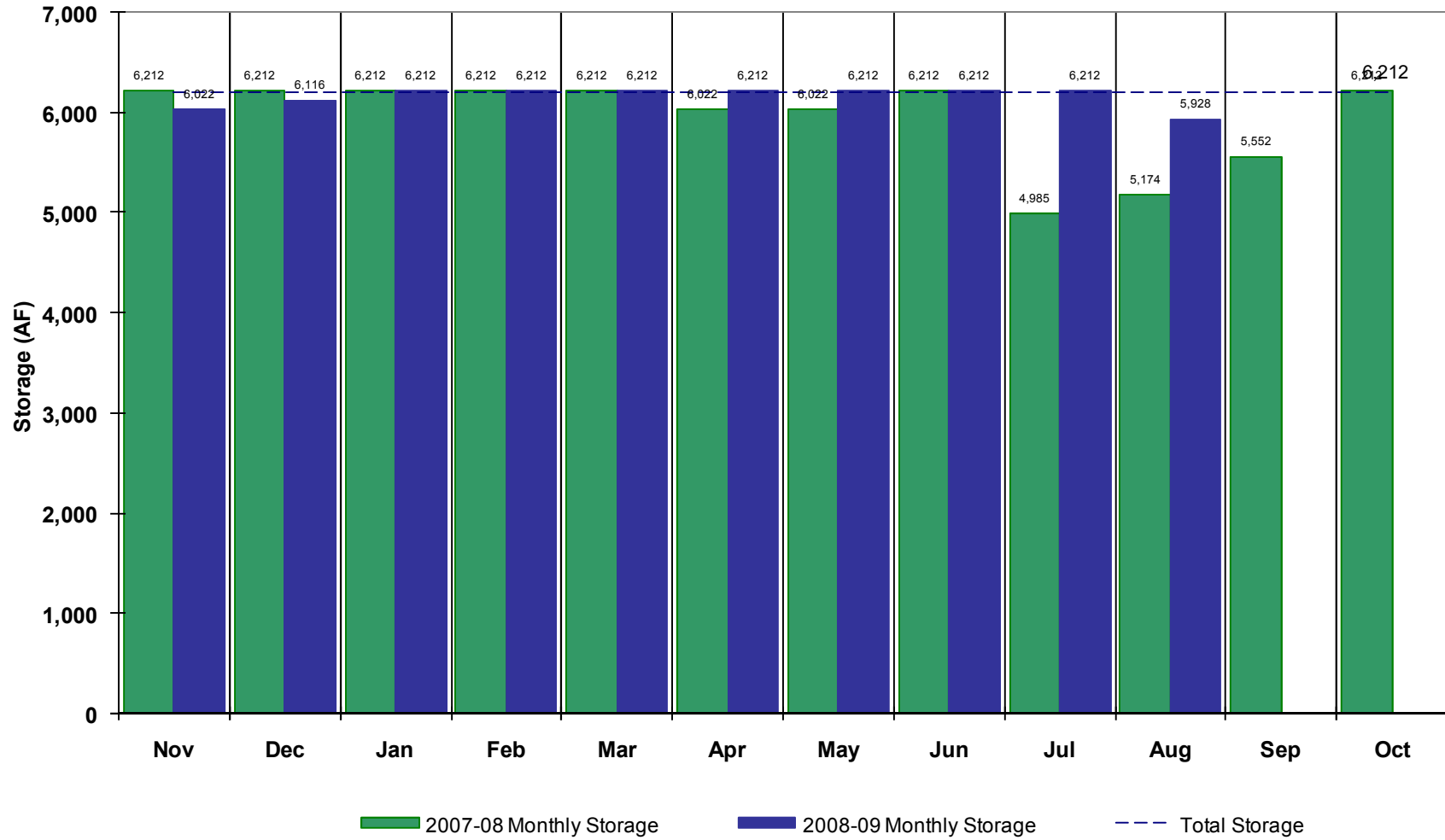


Standley Lake (Agricultural)



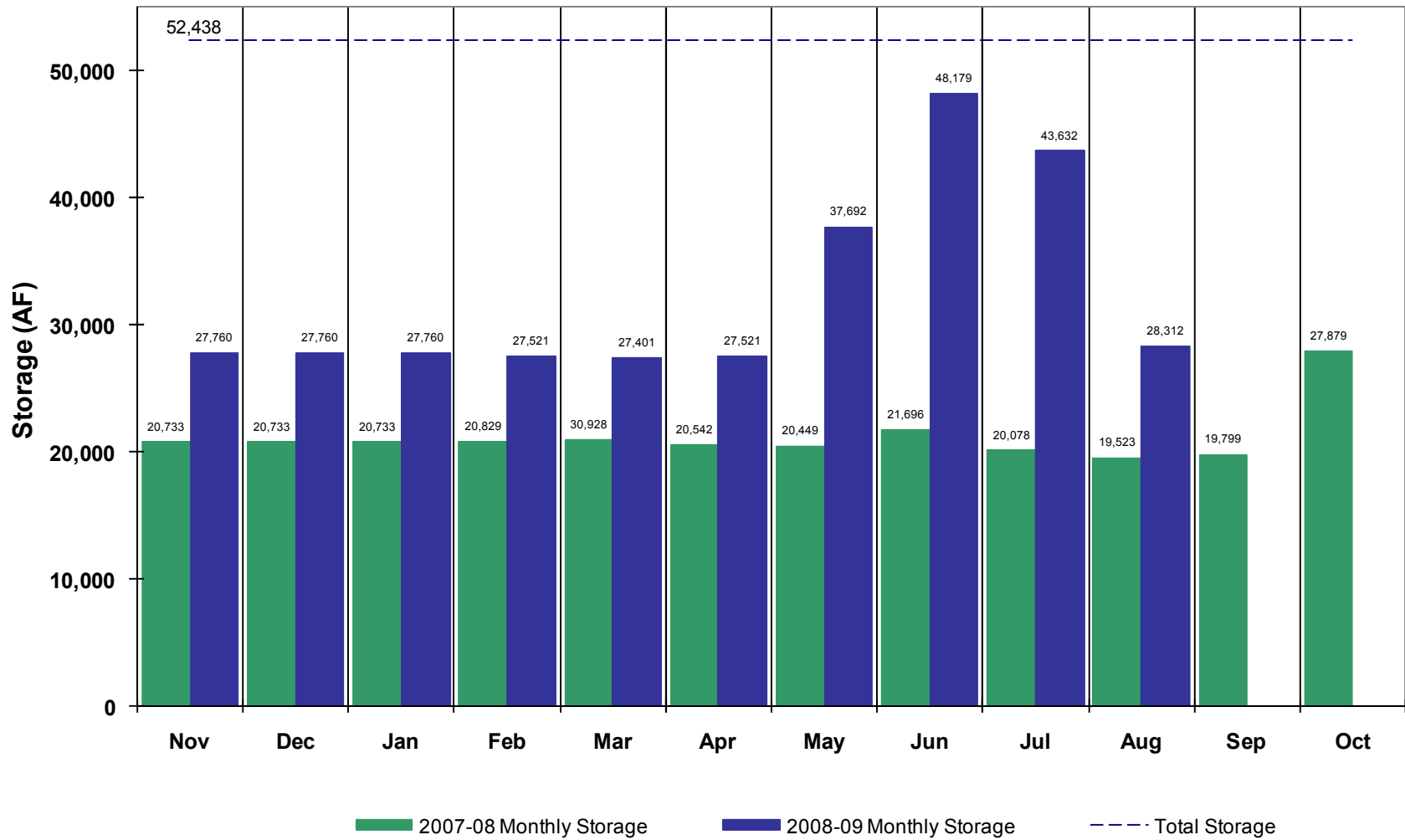
Lower Latham Reservoir

(District 2 - Agricultural)



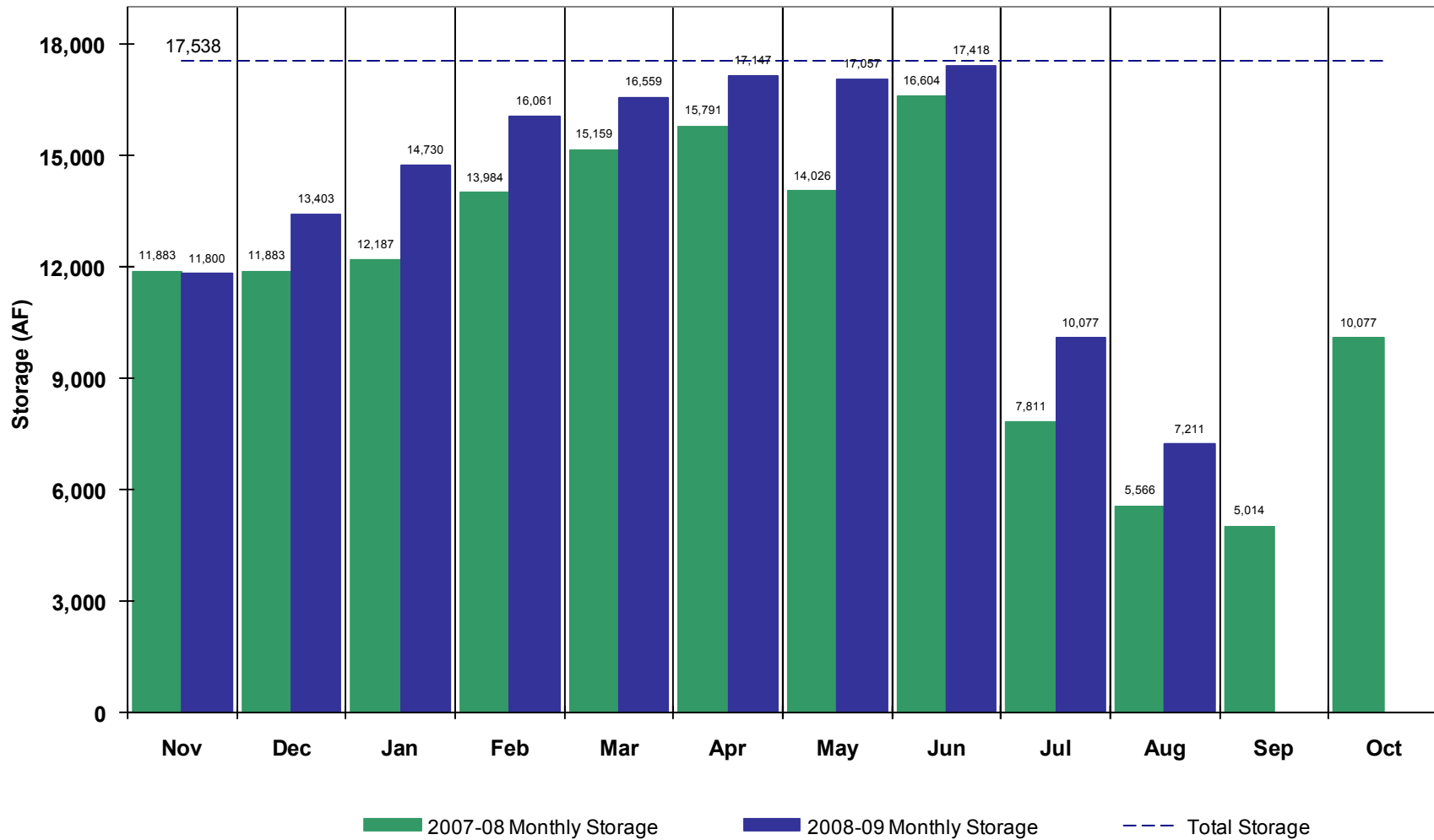
Boyd Lake

(District 4, Big Thompson River - Agricultural)

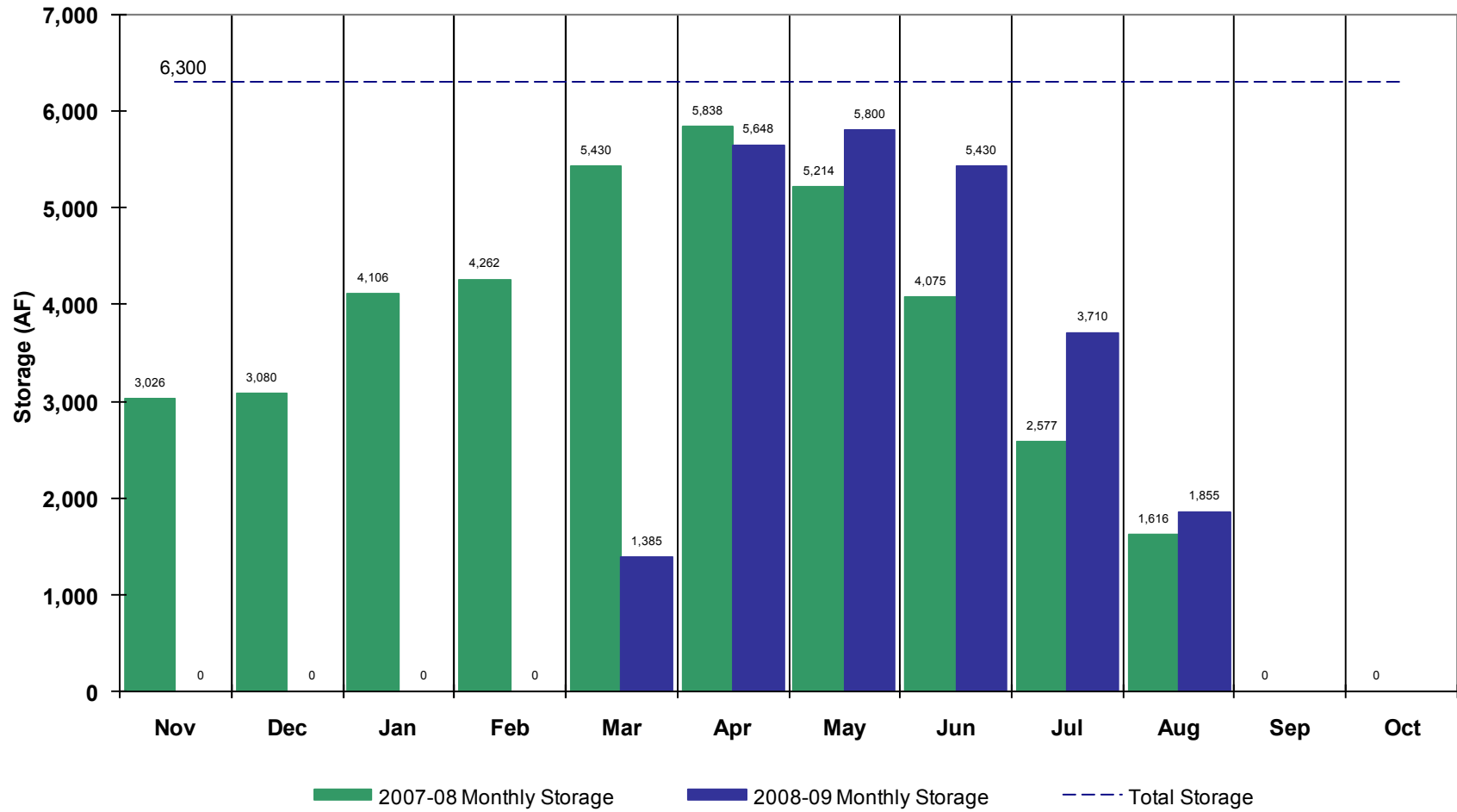


Windsor Reservoir

(District 3, Poudre River - Agricultural)

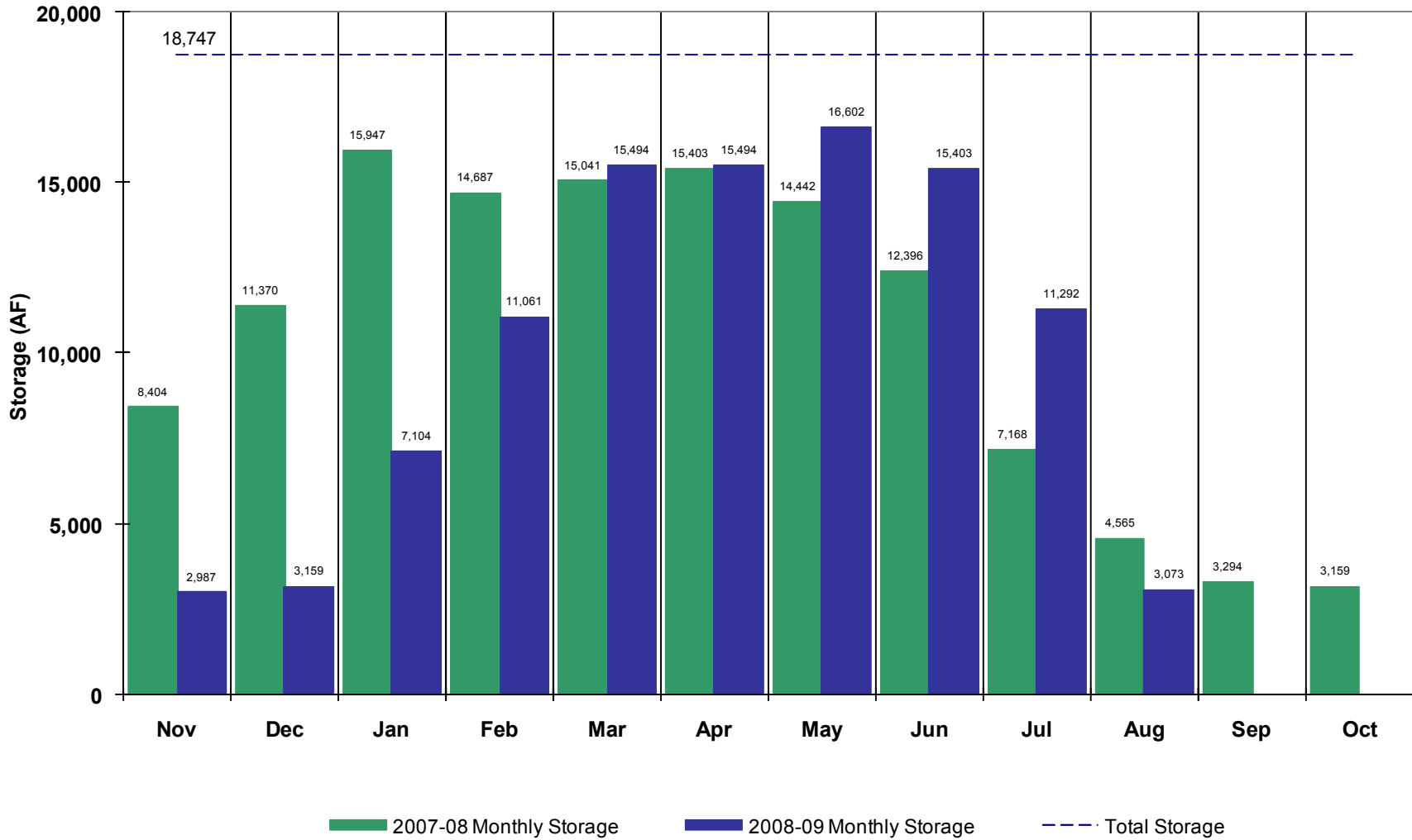


Prospect Reservoir (District 1- Agricultural)

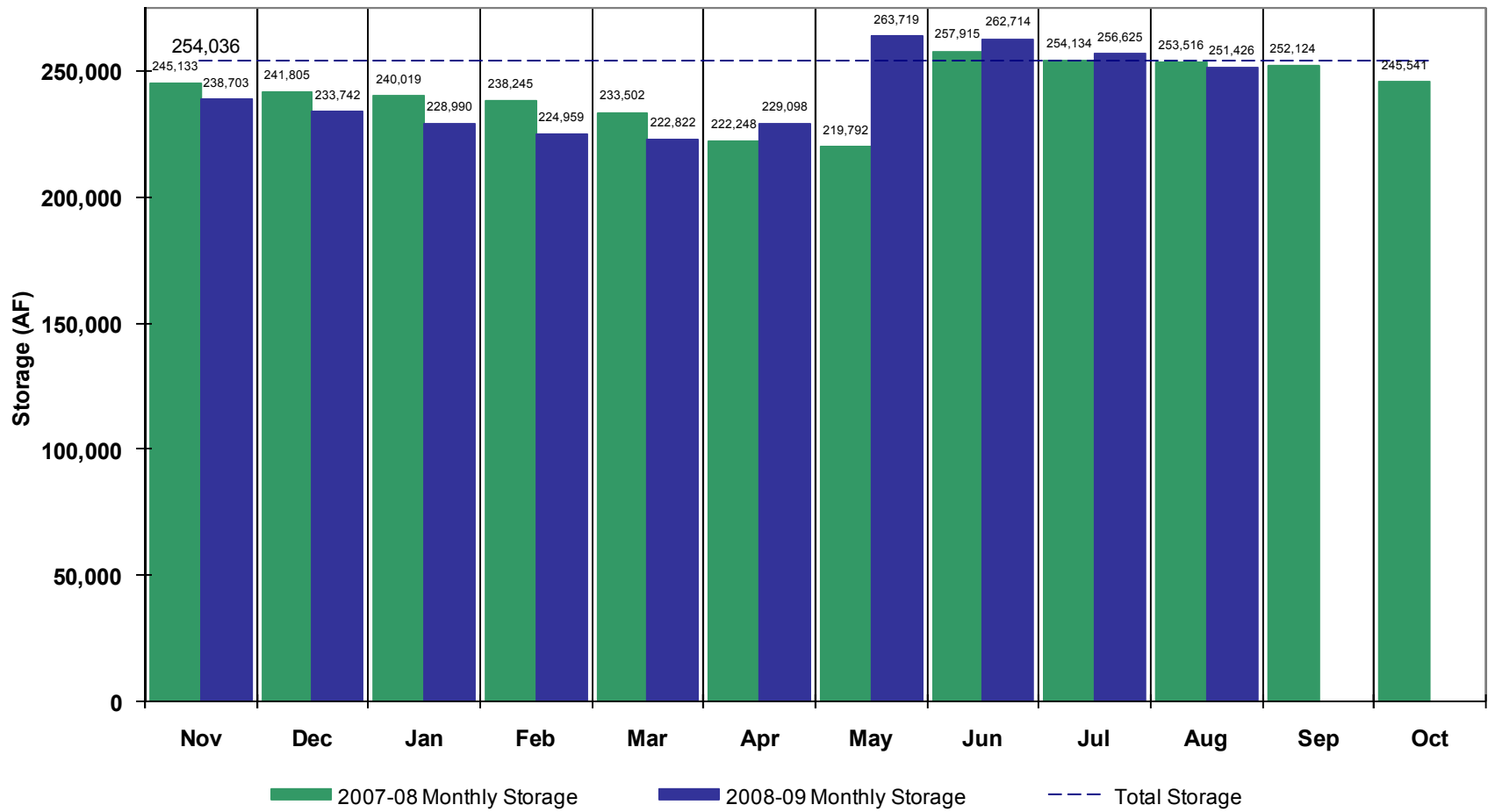


Horse Creek Reservoir

(District 1 - Agricultural)

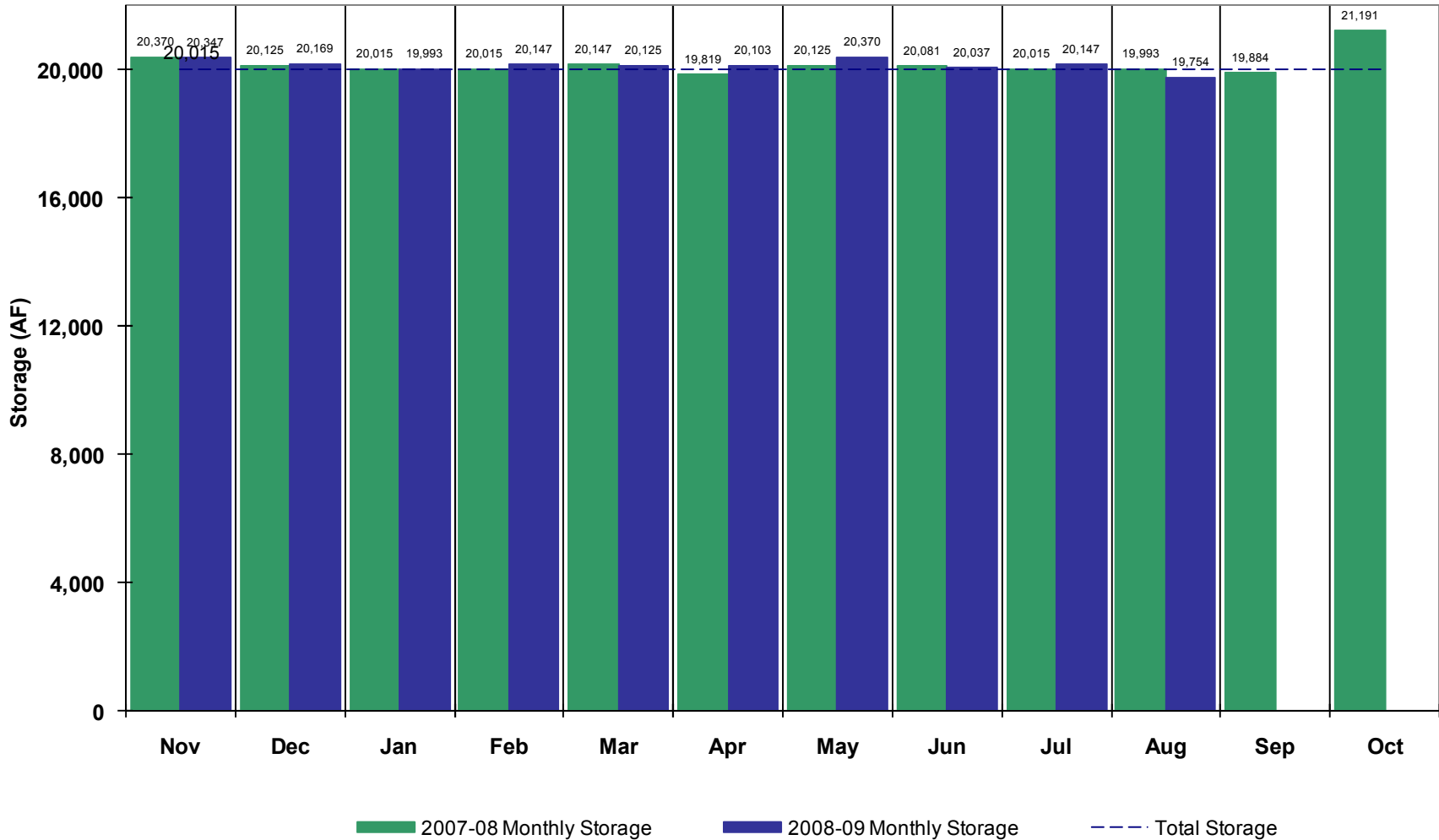


Dillon Reservoir (Municipal)



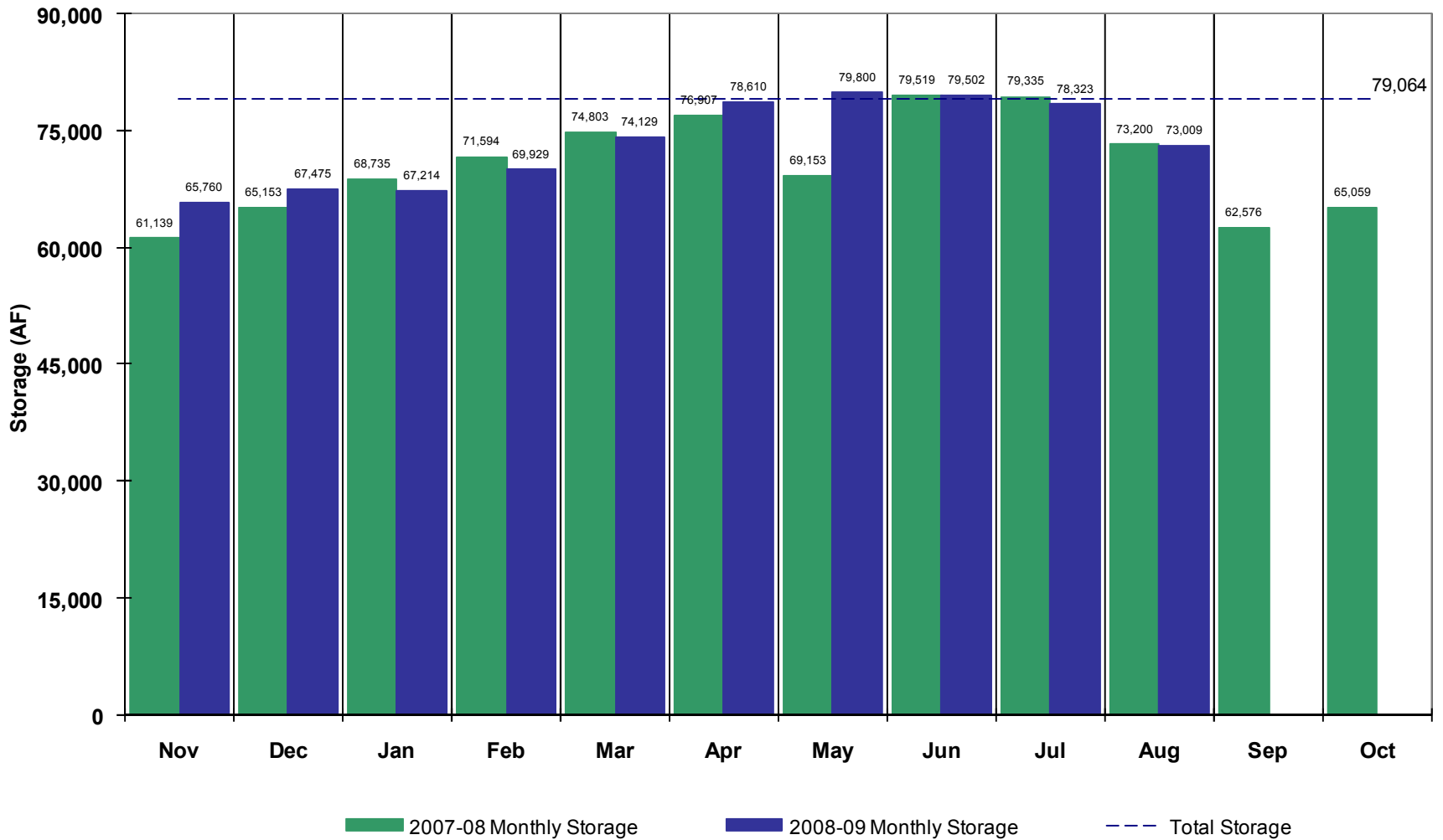
Antero Reservoir

(District 23 - Municipal)



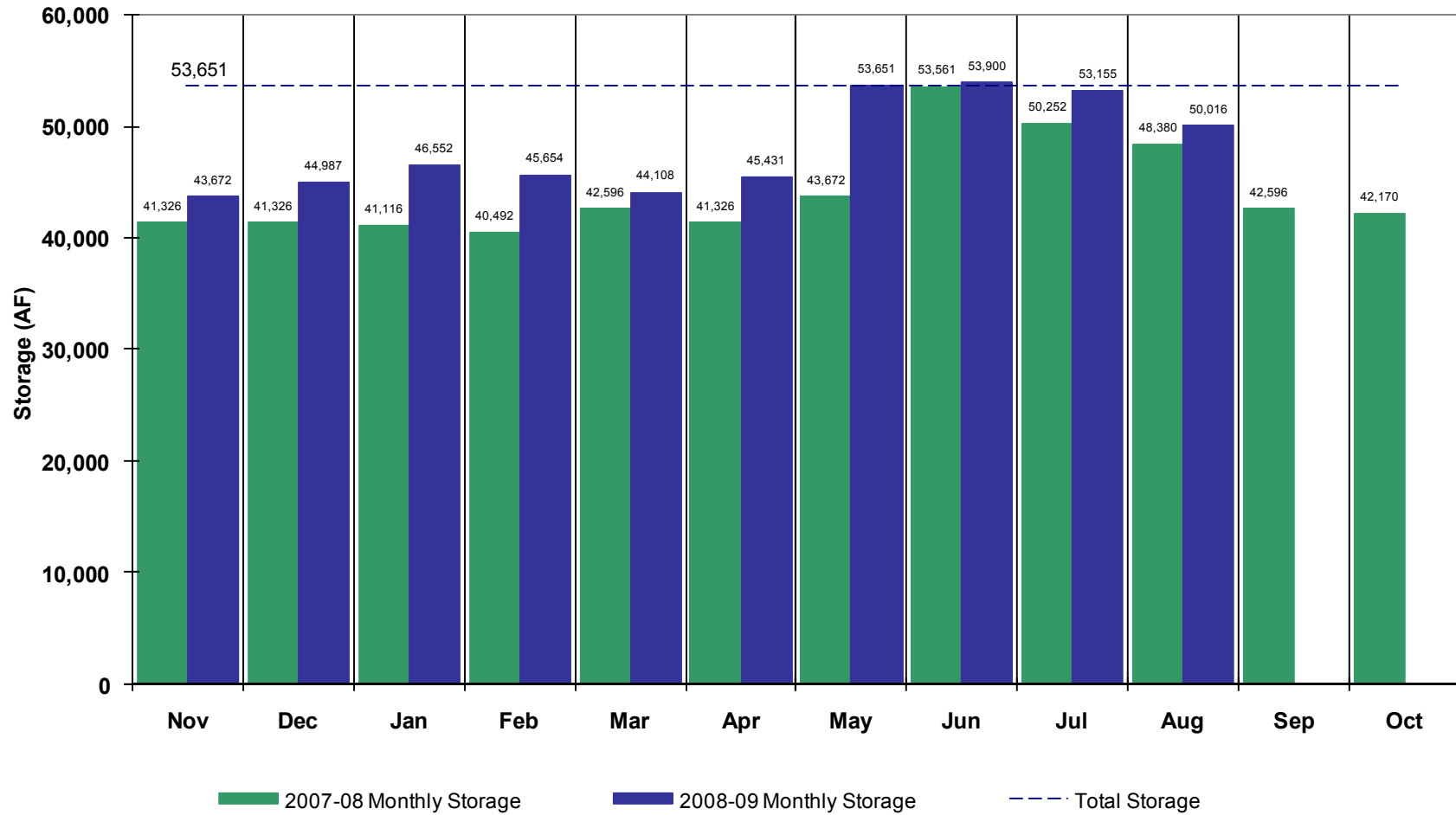
Cheesman Reservoir

(District 80 - Municipal)



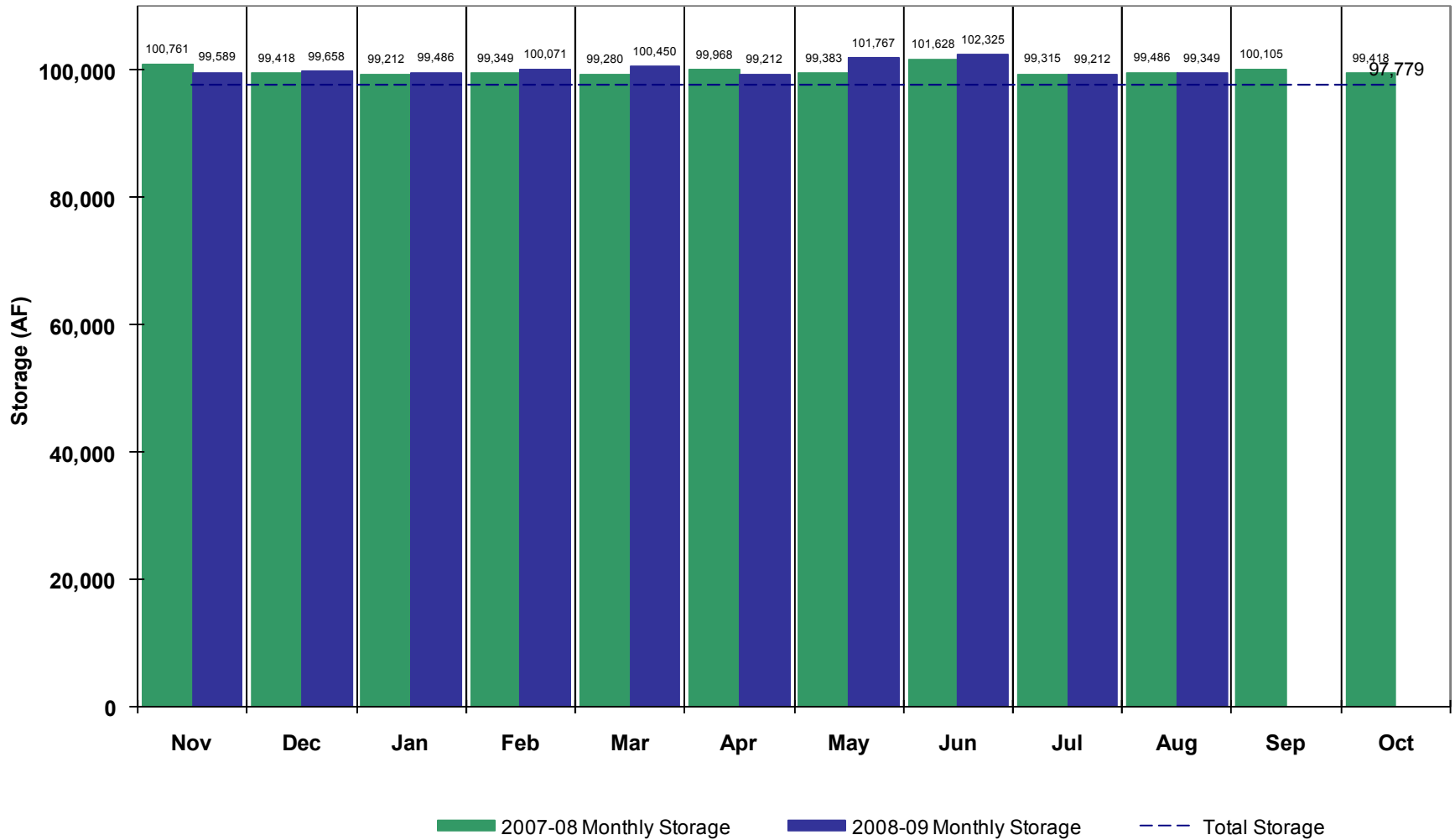
Spinney Mountain Reservoir

(District 23 - Municipal)

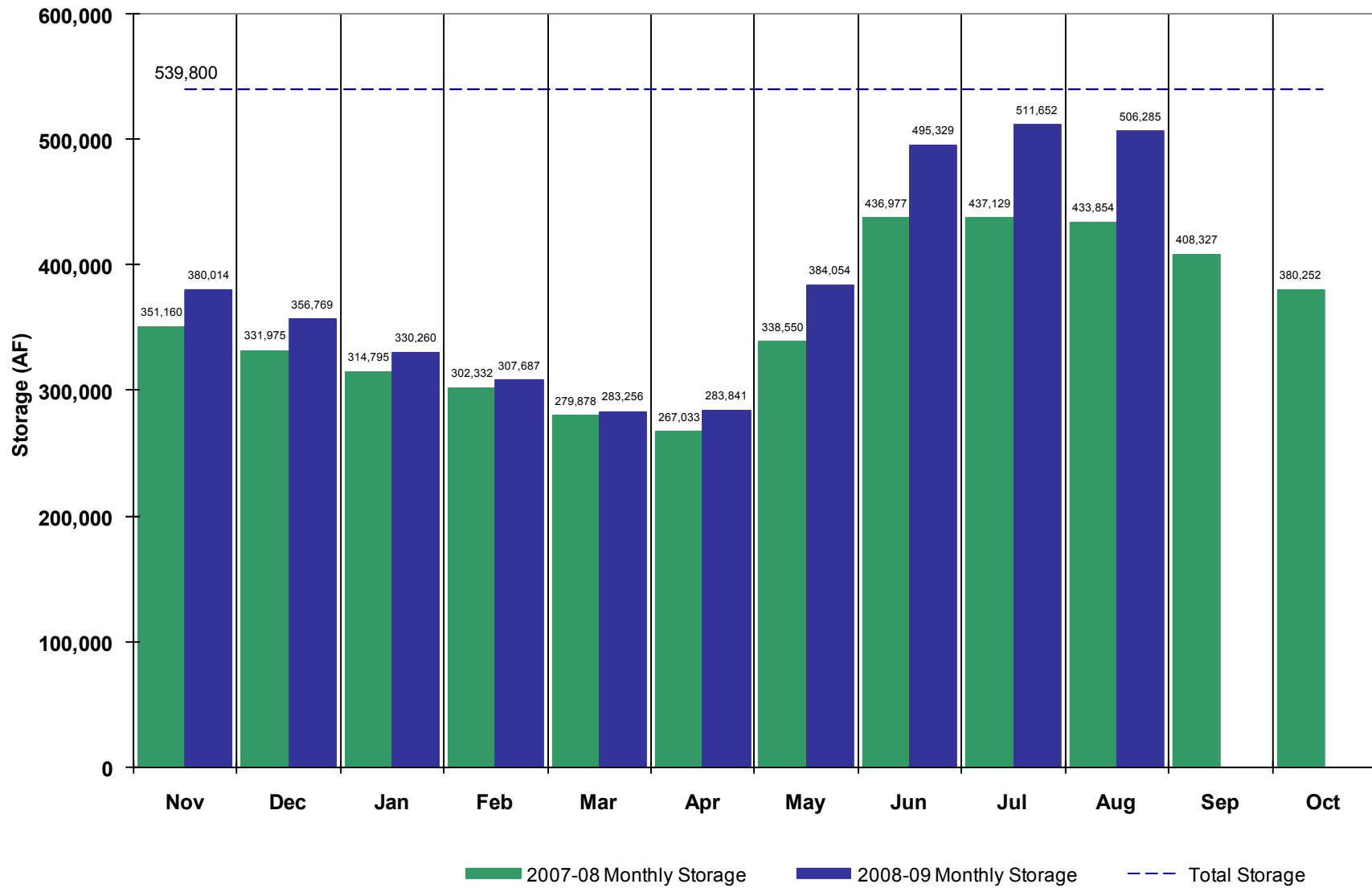


Eleven Mile Reservoir

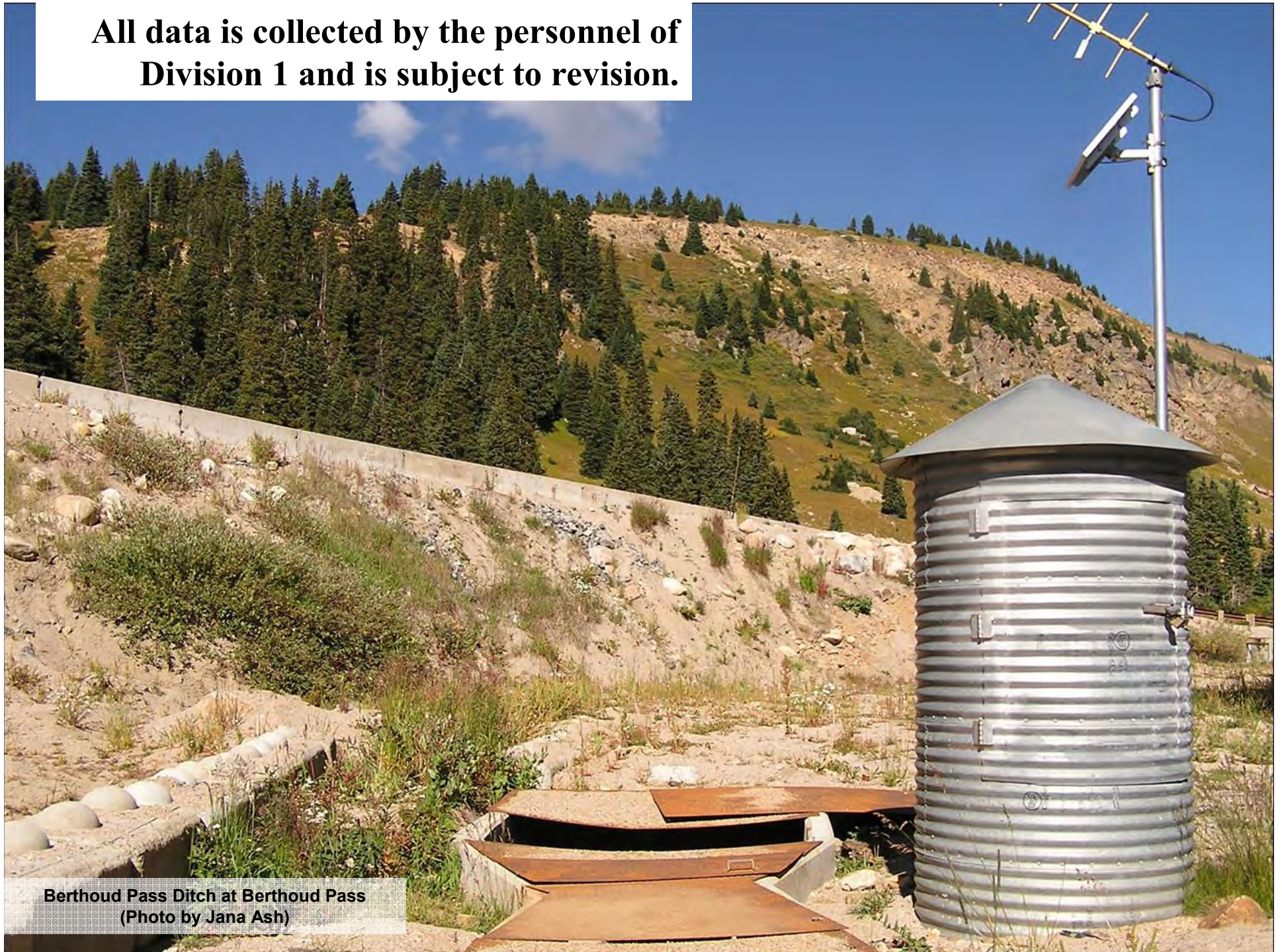
(District 23 - Municipal)



Lake Granby



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



**Berthoud Pass Ditch at Berthoud Pass
(Photo by Jana Ash)**