

South Platte Summary

March 2009



Compiled by Jana Ash



Diversion Dam for Bradley Ditch on
Tarryall Creek
(Photo by Garver Brown)

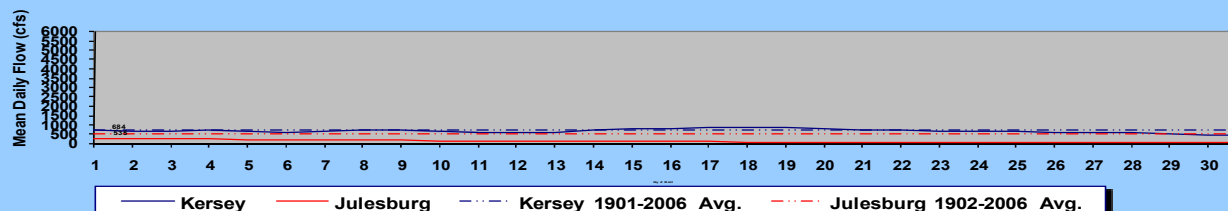
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF MARCH 2009

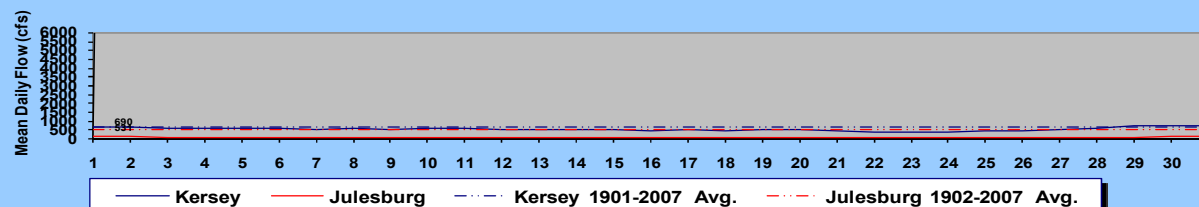
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	16,522	20,503	64	3,981	24%	90%	100%	0
N STERLING	73,730	69,011	69,582	64	571	1%	94%	100%	0
PREWITT	28,500	21,198	24,365	64	3,167	15%	85%	100%	0
JACKSON	27,257	24,616	25,691	1	1,075	4%	94%	100%	0
EMPIRE	37,700	36,426	35,925	1	-501	-1%	95%	93%	0
RIVERSIDE	63,113	50,690	55,461	1	4,771	9%	88%	98%	0
BARR LAKE	31,652	22,921	23,843	2	922	4%	75%	91%	0
CHEESMAN	79,064	69,929	74,129	80	4,200	6%	94%	95%	0
ELEVEN MILE	97,779	100,071	100,450	23	379	0%	100%	100%	2,671
SPINNEY	53,651	45,654	44,108	23	-1,546	-3%	82%	79%	0
ANTERO	20,015	20,147	20,125	23	-22	0%	100%	100%	110

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	521
JULESBURG	62
THIS MONTH LAST YEAR	
KERSEY	653
JULESBURG	99
MEAN FOR PERIOD OF RECORD*	
KERSEY	690
JULESBURG	531
* 1901-2007	
1902-2007	

**SOUTH PLATTE RIVER
MARCH 2008**

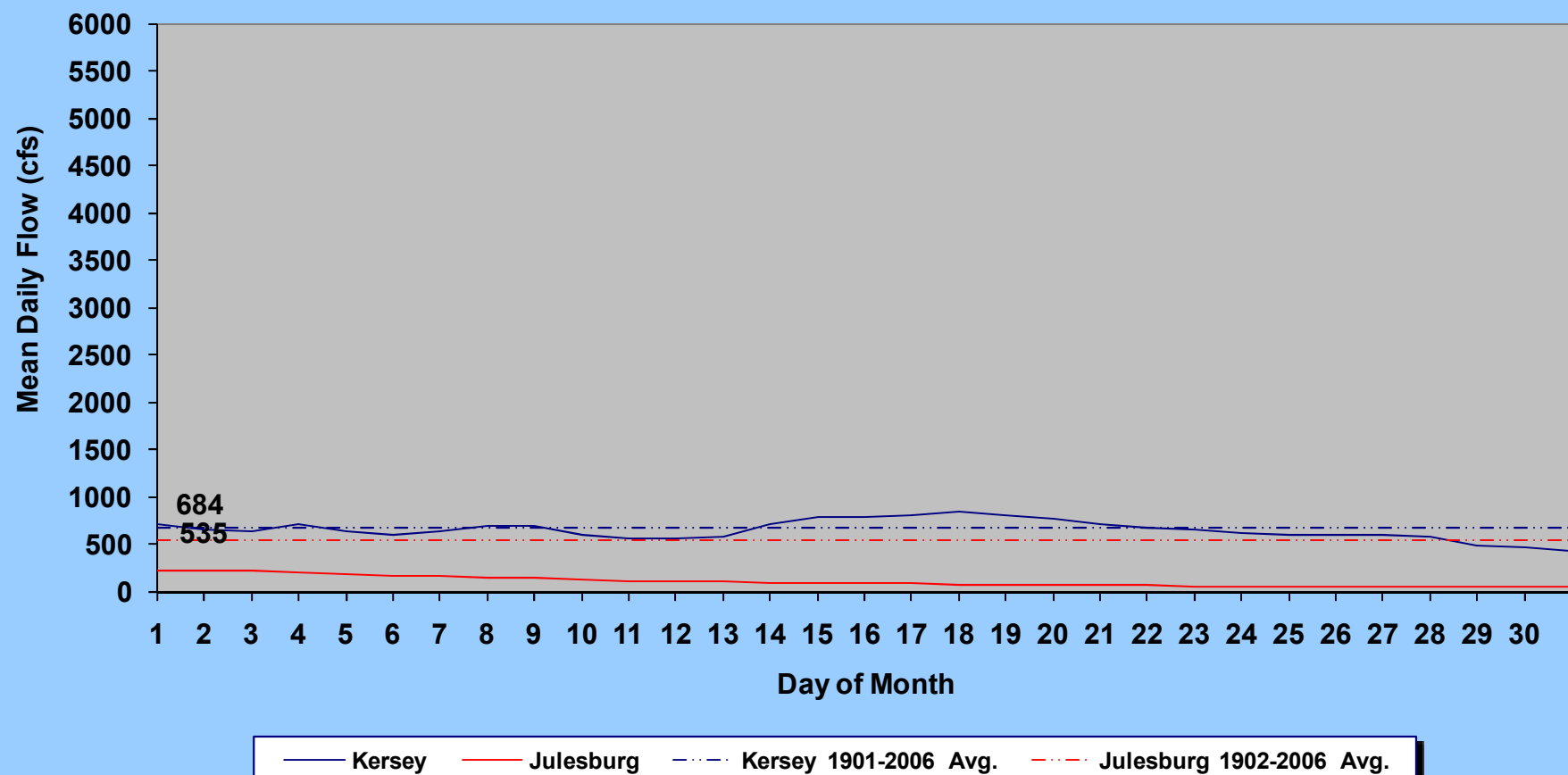


**SOUTH PLATTE RIVER
MARCH 2009**



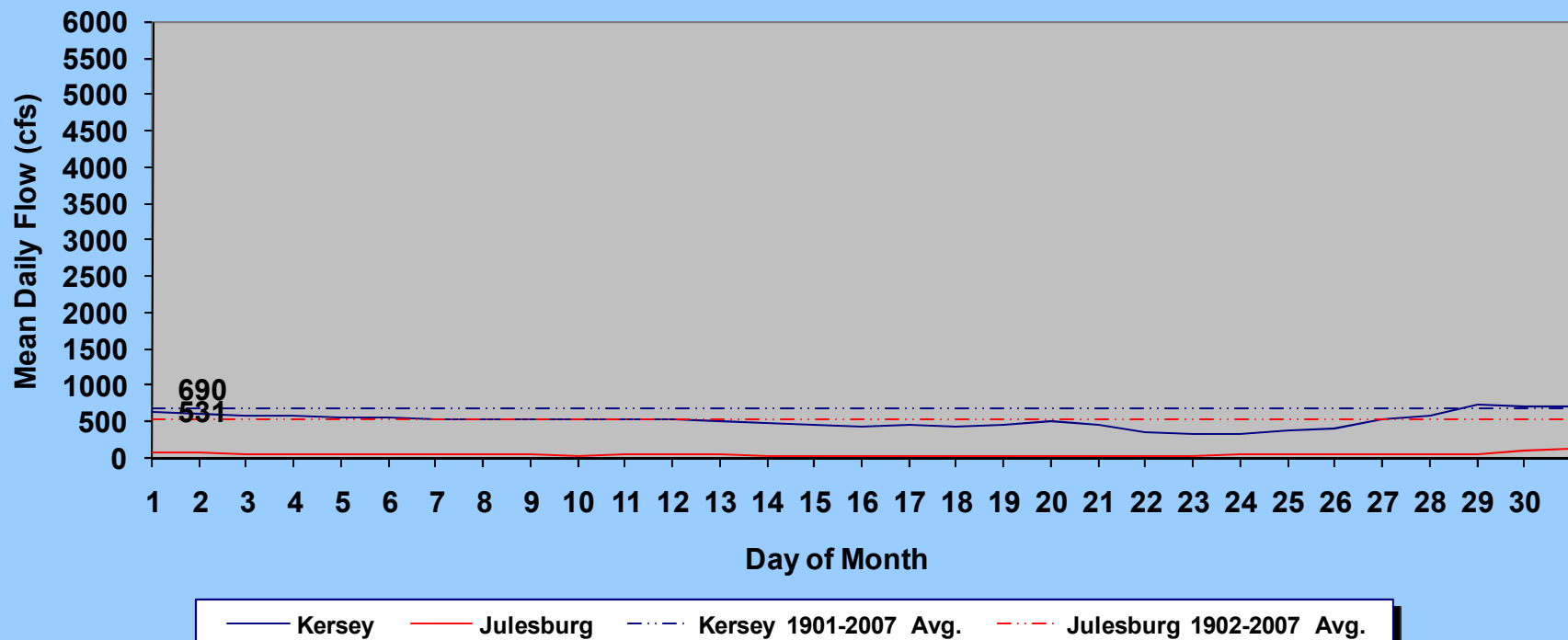
SOUTH PLATTE RIVER

MARCH 2008



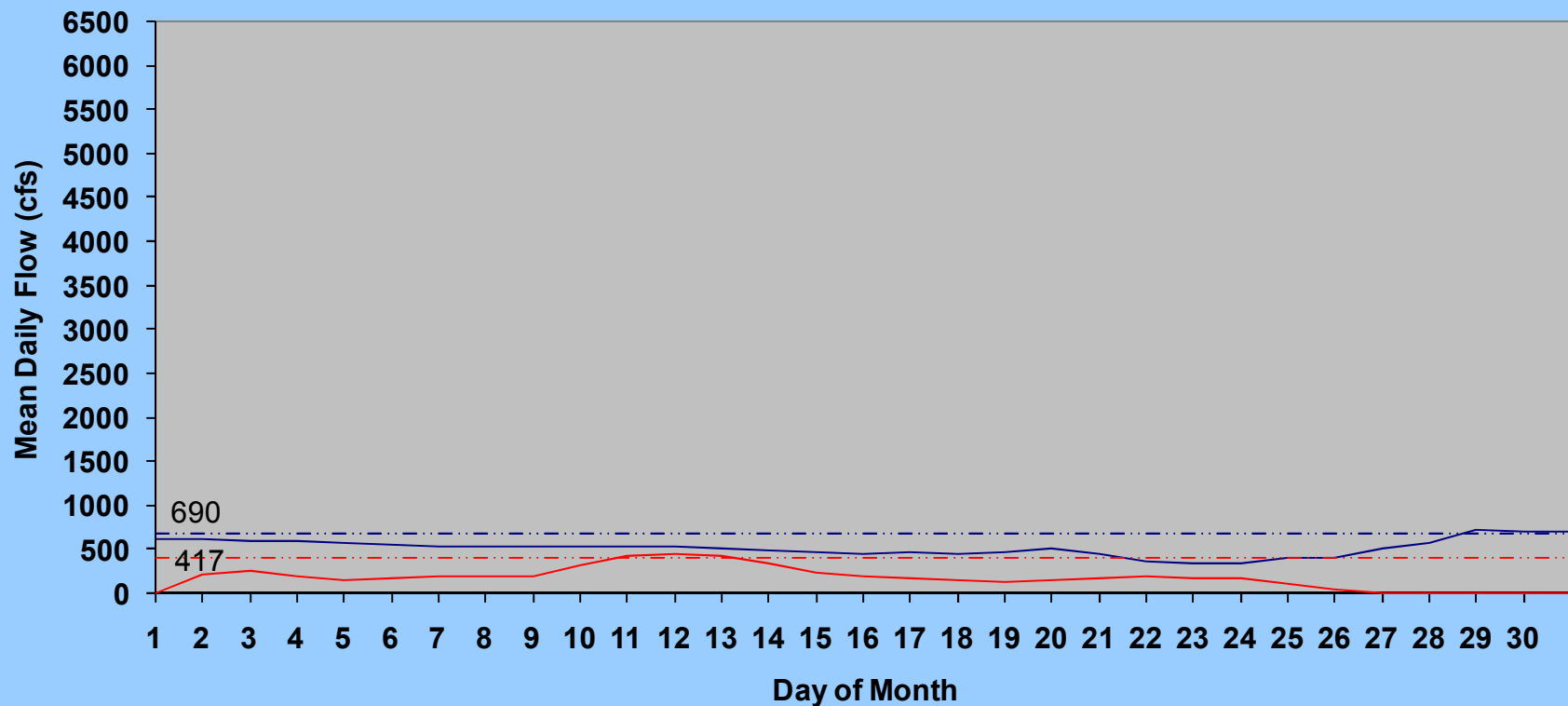
SOUTH PLATTE RIVER

MARCH 2009



KERSEY and BALZAC

MARCH 2009



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

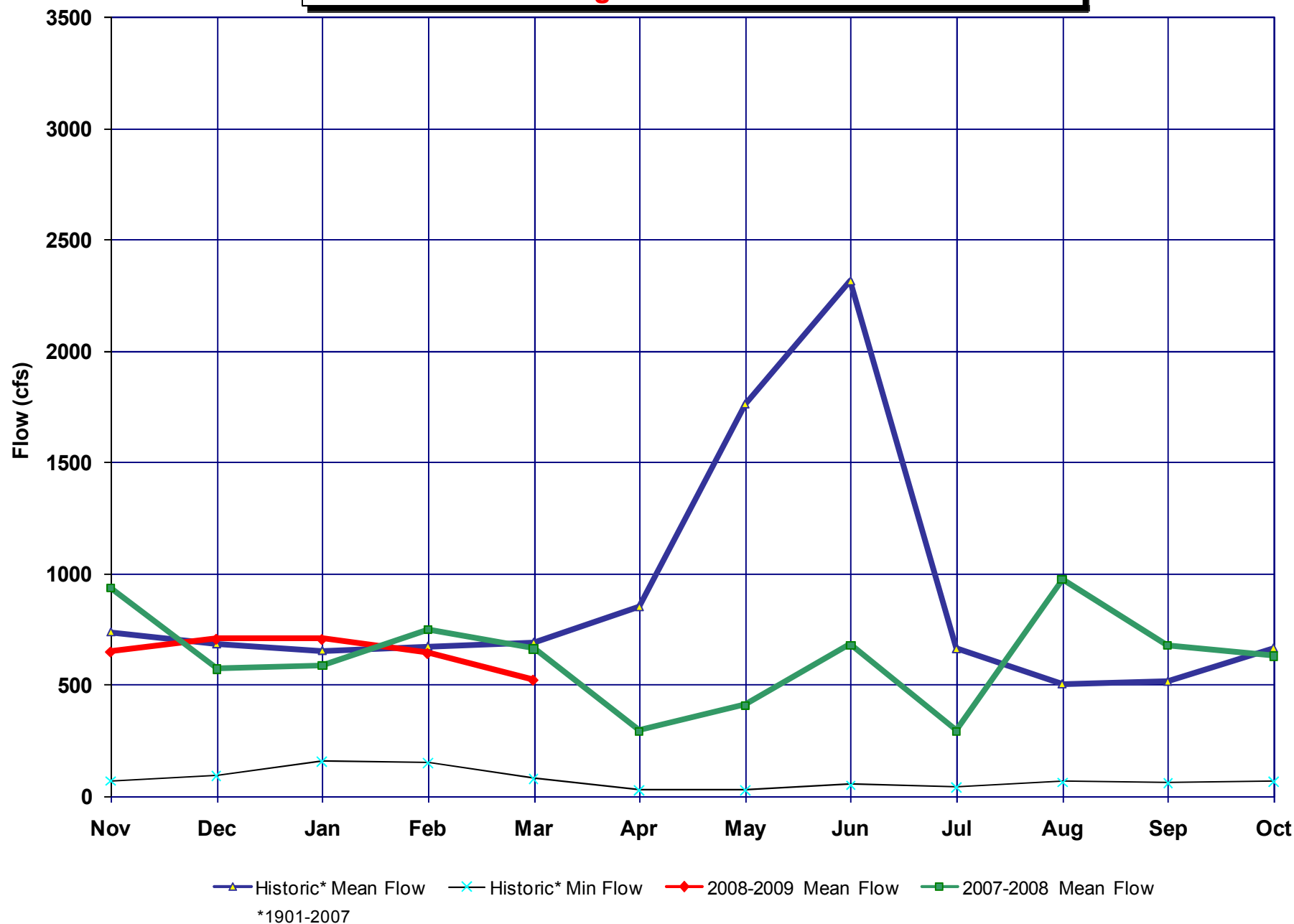
South Platte River Monthly Stream Flow (cfs) Statistics

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		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						

Berthoud Falls Snow Survey Site
(Photo by Jana Ash)

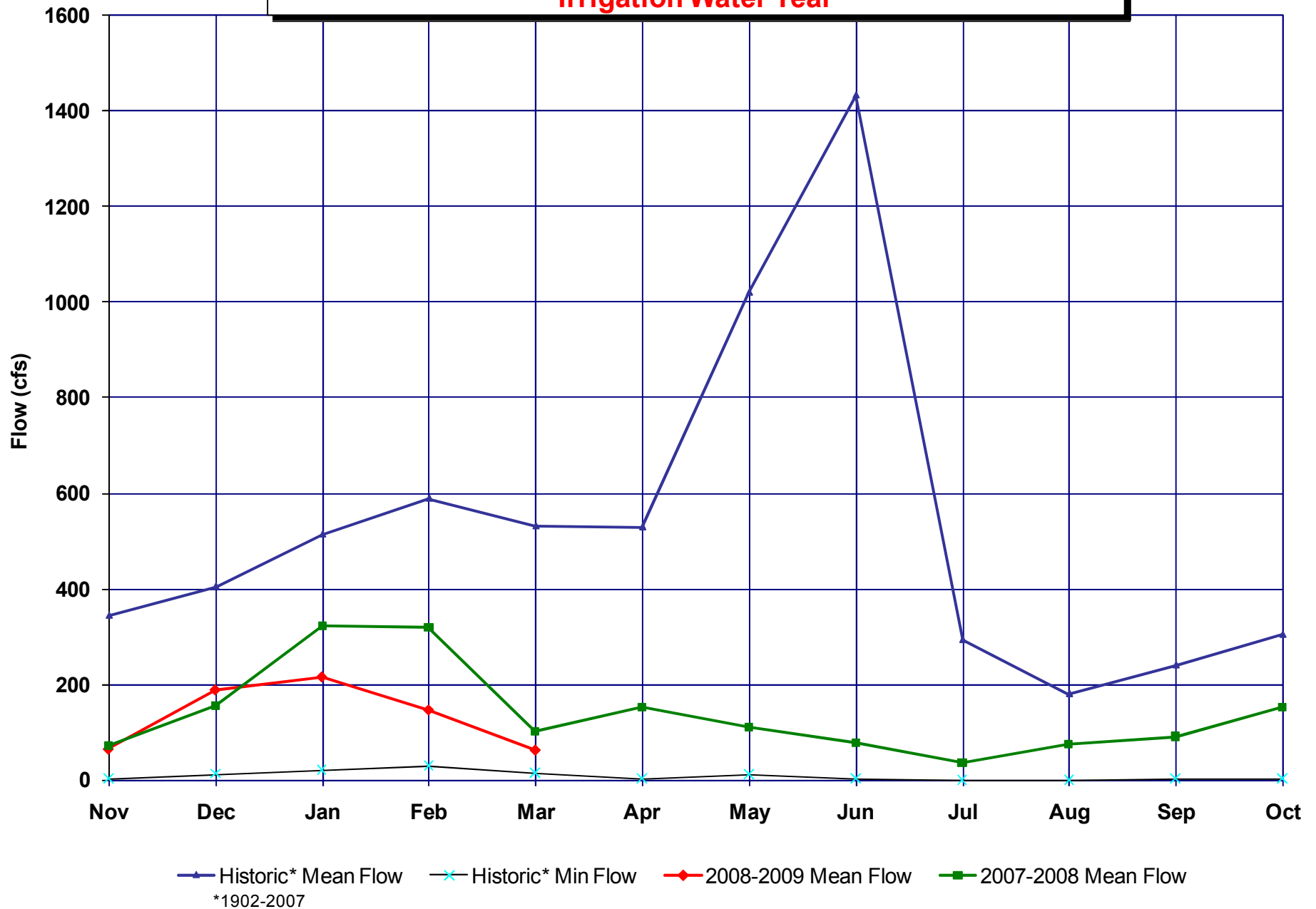
South Platte River at Kersey

Irrigation Water Year



South Platte River at Julesburg

Irrigation Water Year



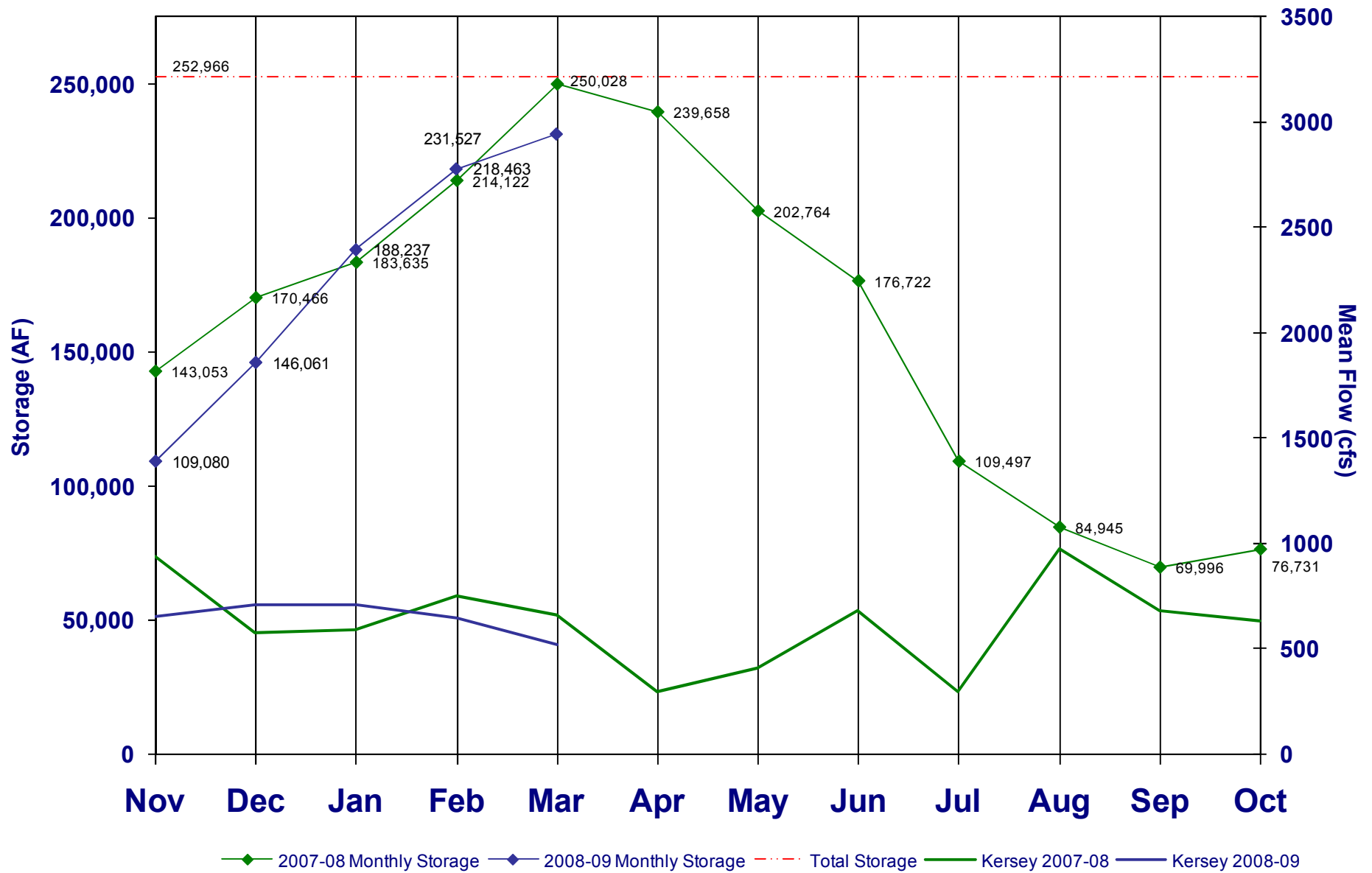
**Next four slides show Reservoir Storage below and above
Kersey**



Empire Snow Survey Site
(Photo by Jana Ash)

Reservoir Storage below Kersey

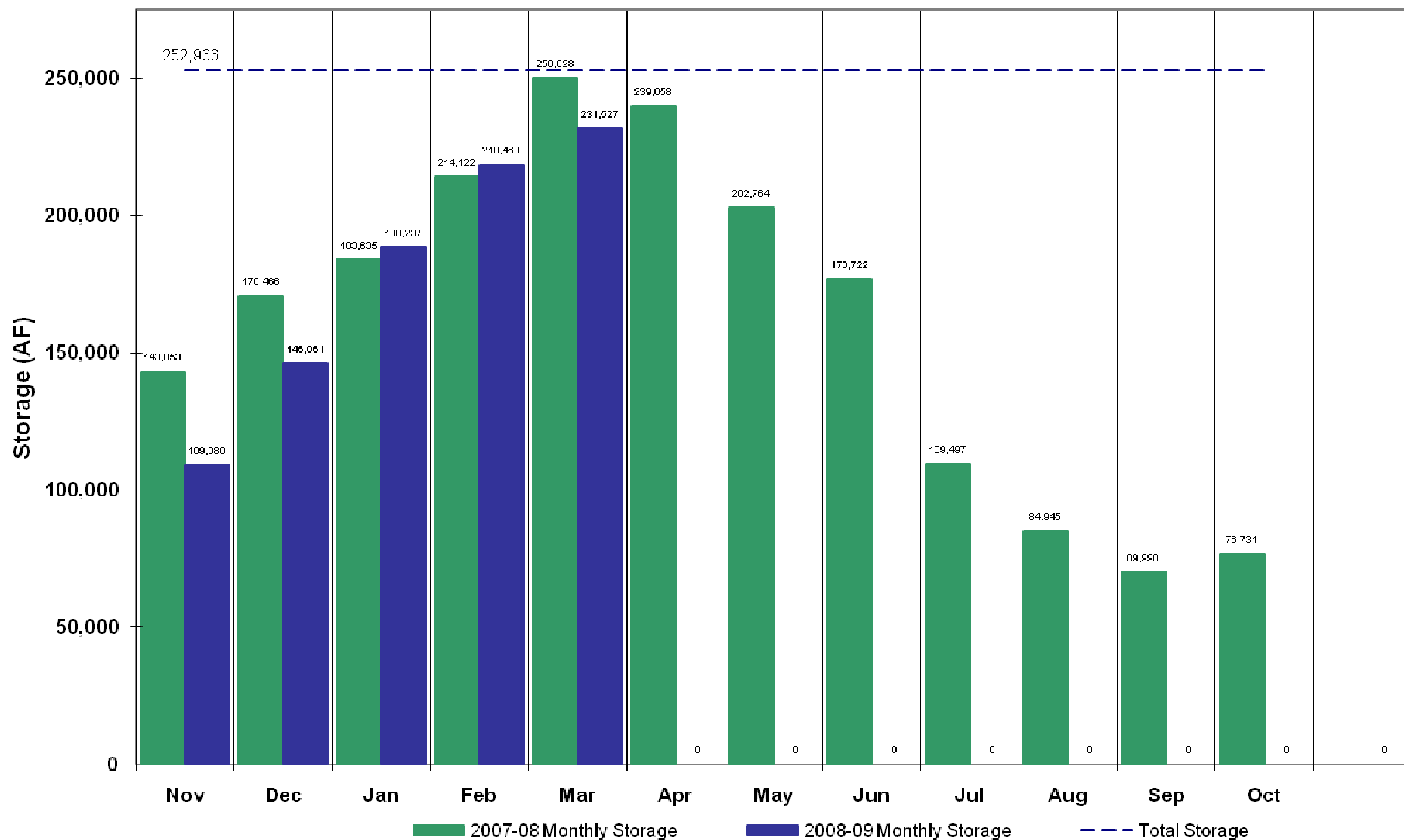
Selected Reservoirs*



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

South Platte Reservoirs

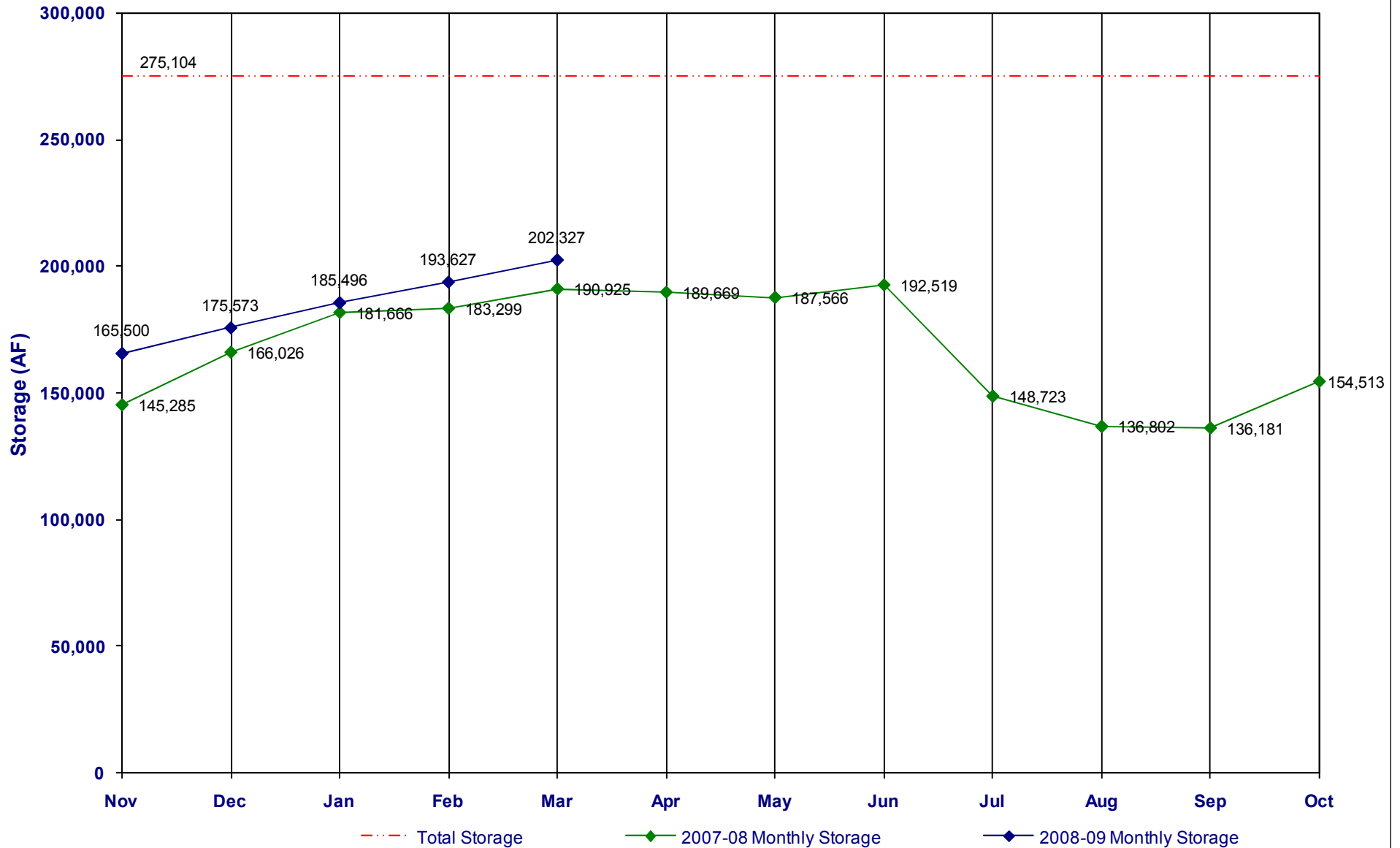
Storage below Kersey*



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

Reservoir Storage above Kersey

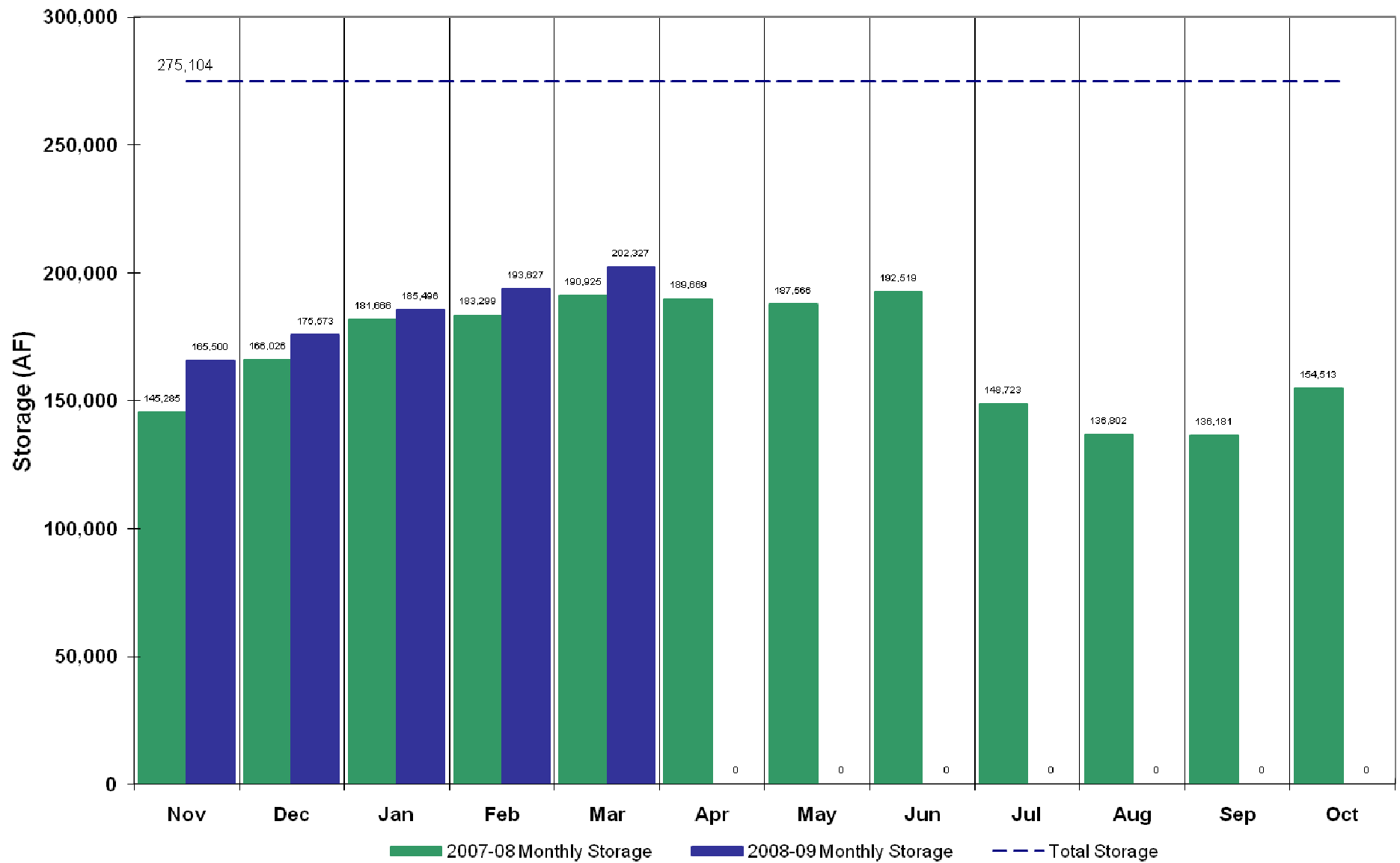
Selected Reservoirs*



*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

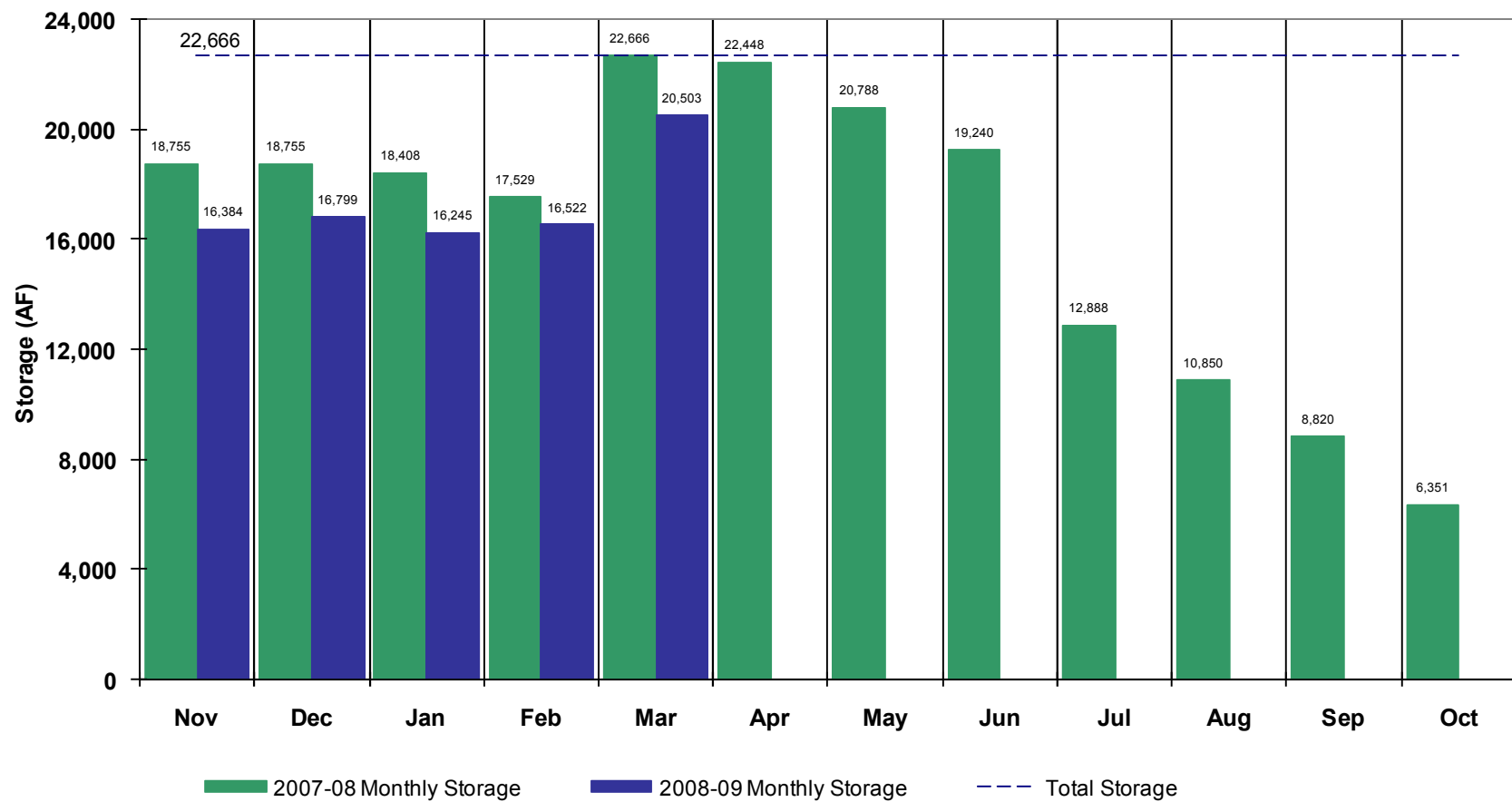
Individual Reservoir Storage Follows



Empire Snow Survey Site
(Photo by Jana Ash)

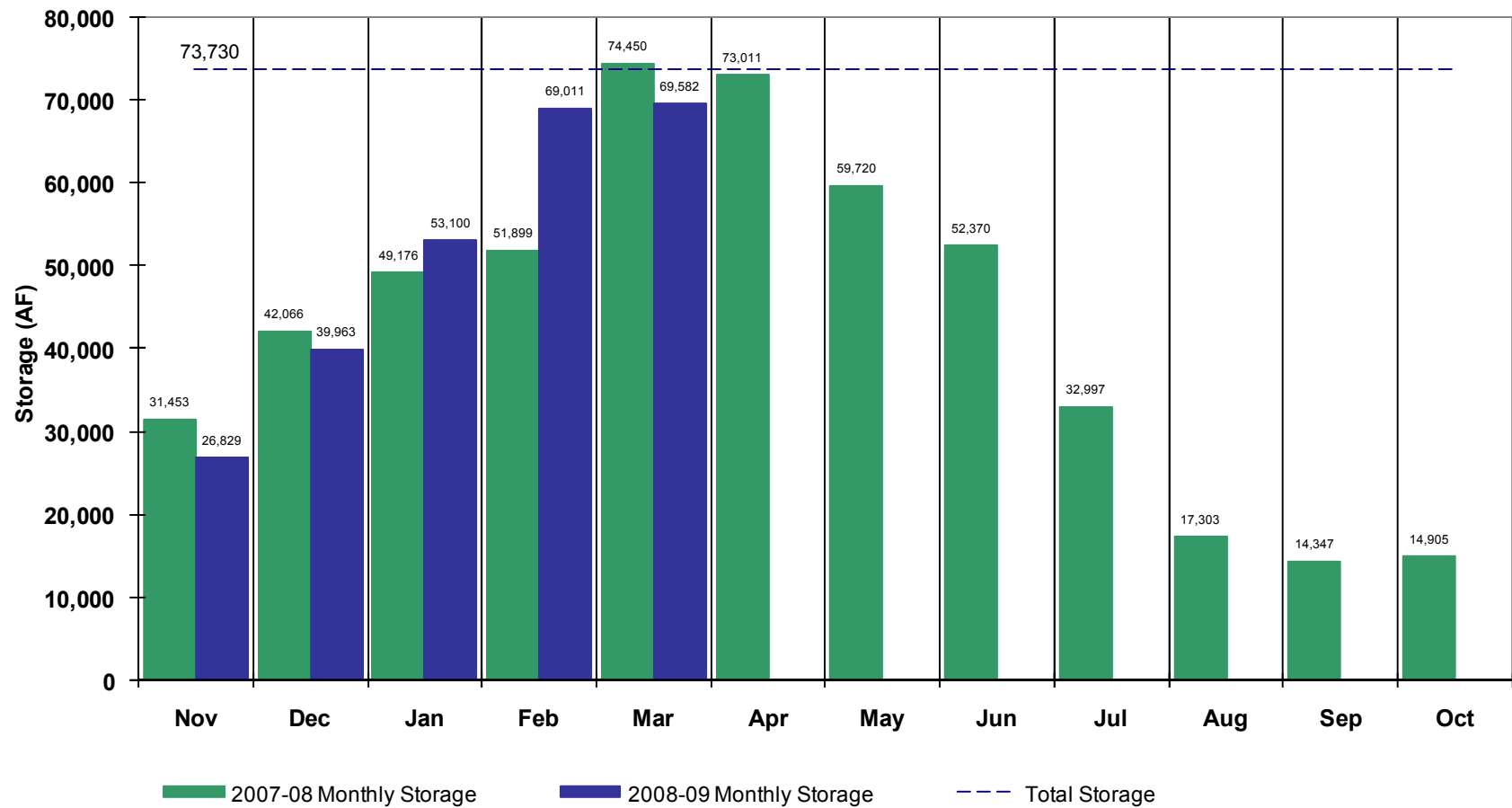
Julesburg Reservoir

(District 64 - Agricultural)



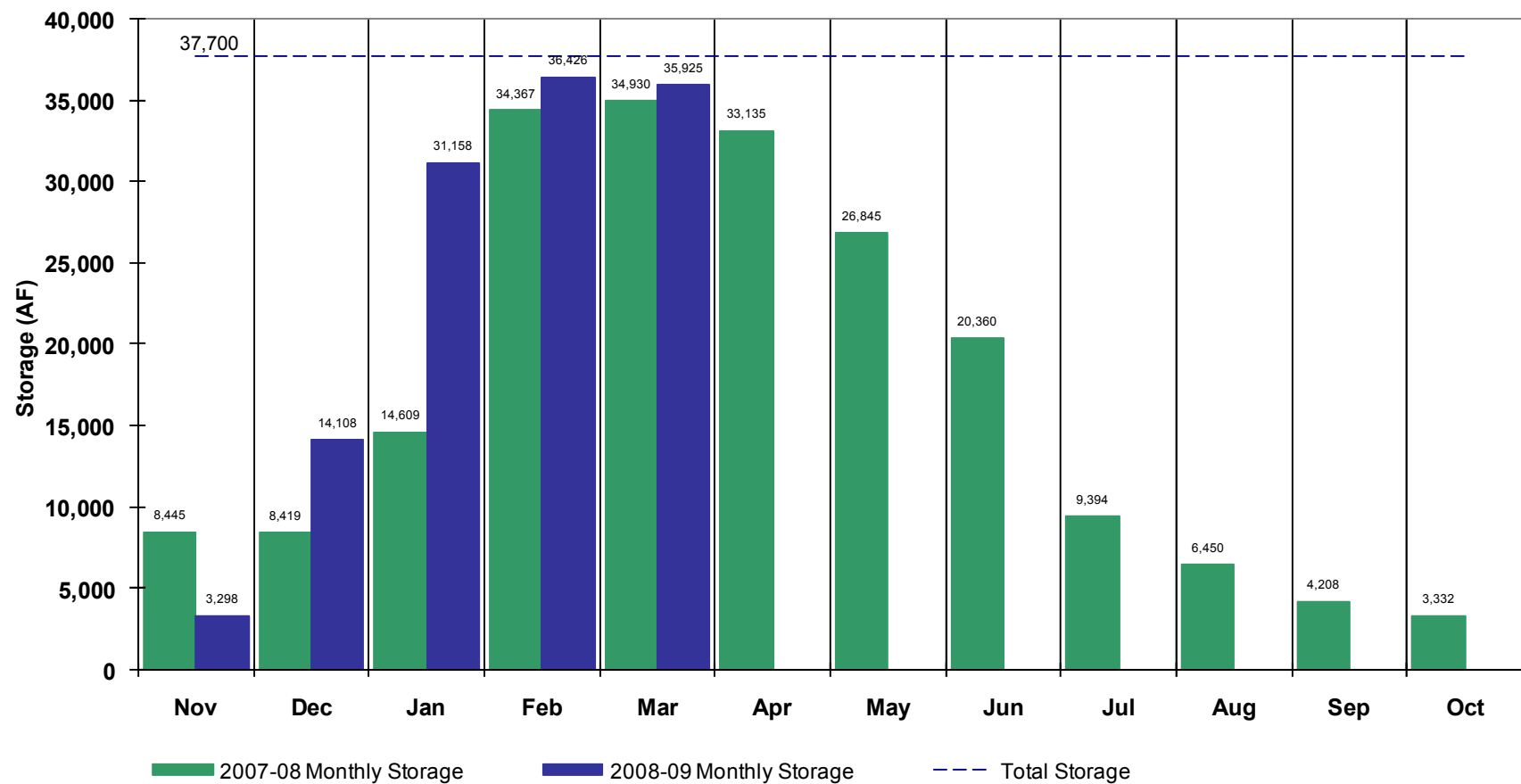
North Sterling Reservoir

(District 64- Agricultural)



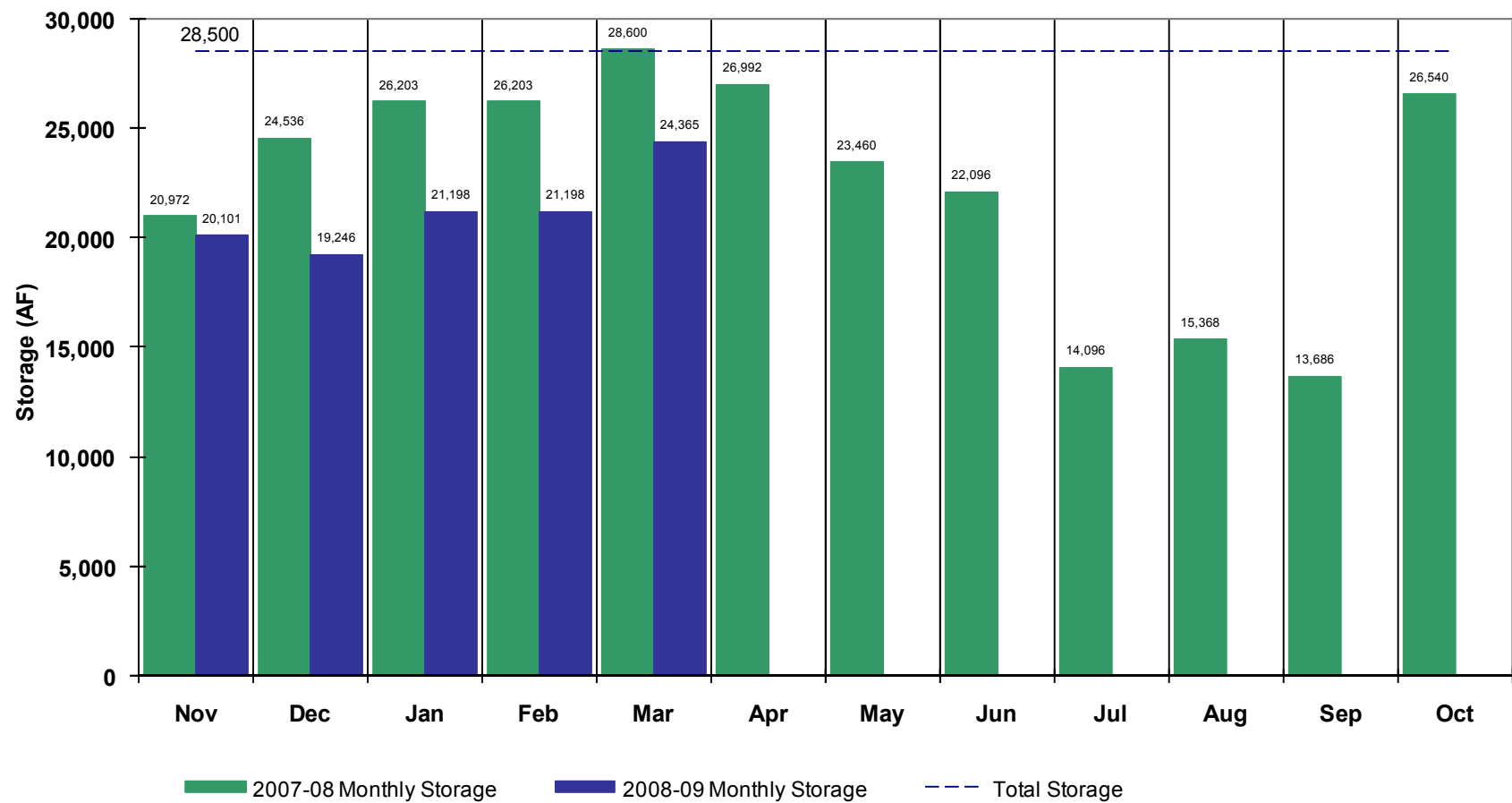
Empire Reservoir

(District 1- Agricultural)



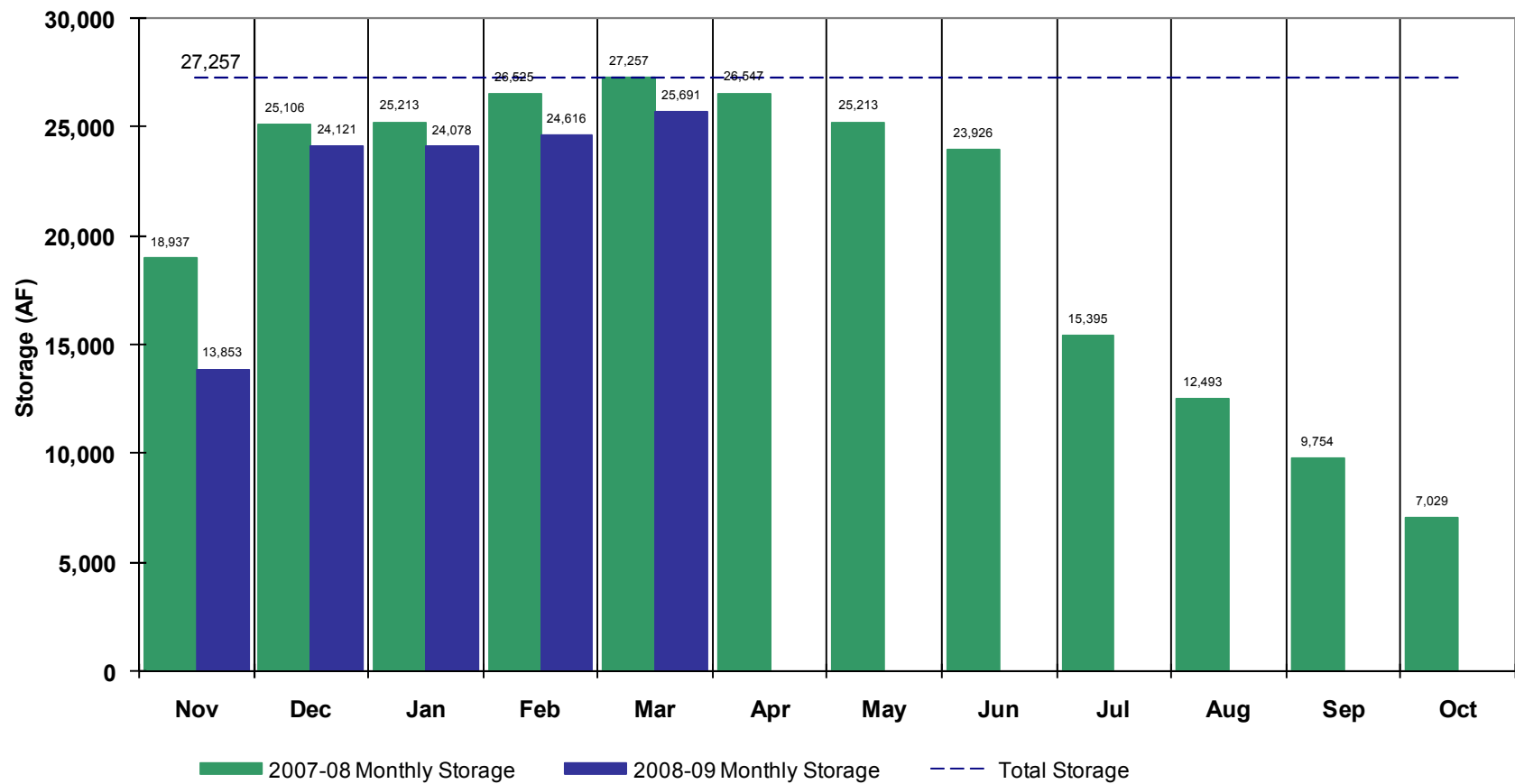
Prewitt Reservoir

(District 64- Agricultural)



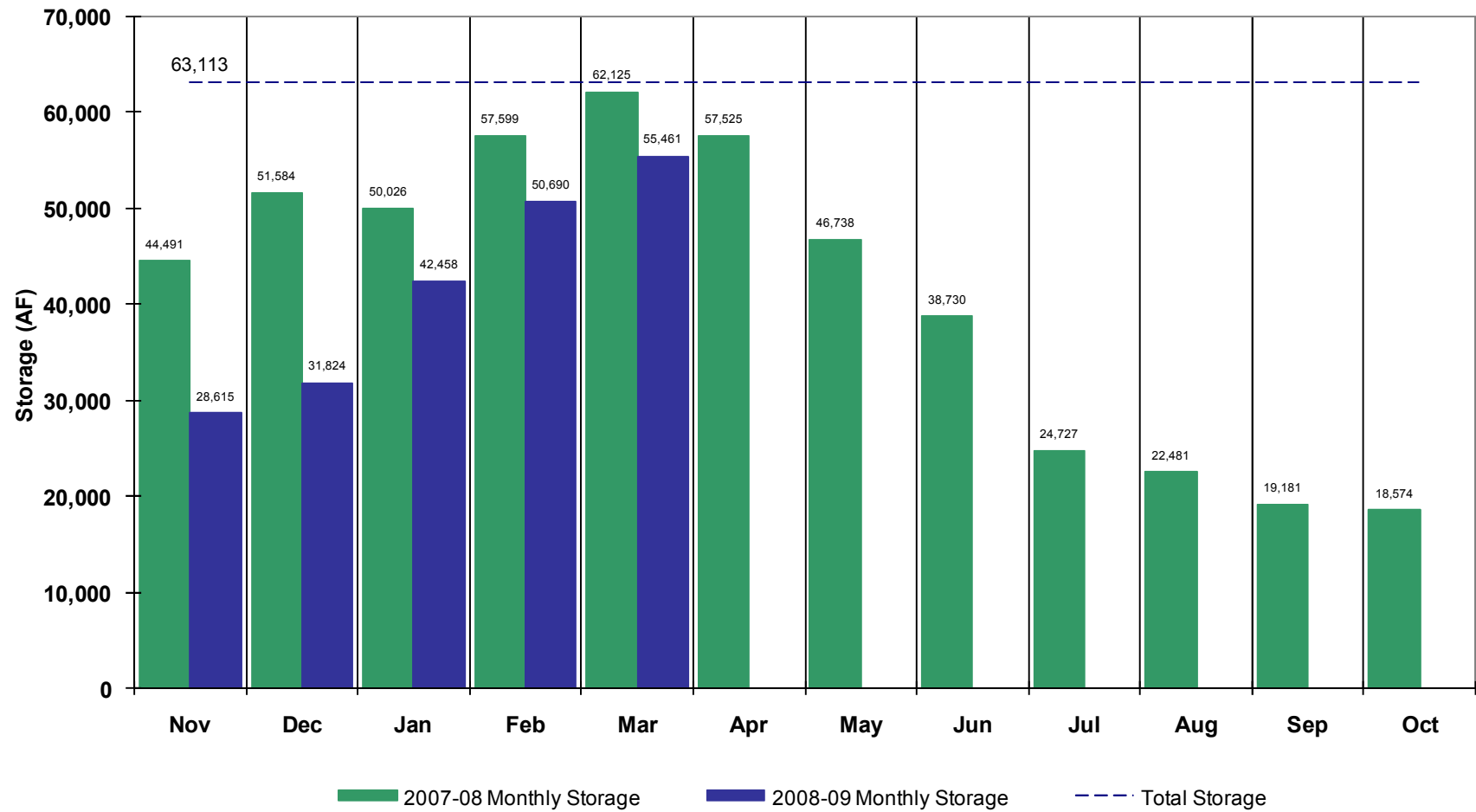
Jackson Reservoir

(District 1- Agricultural)



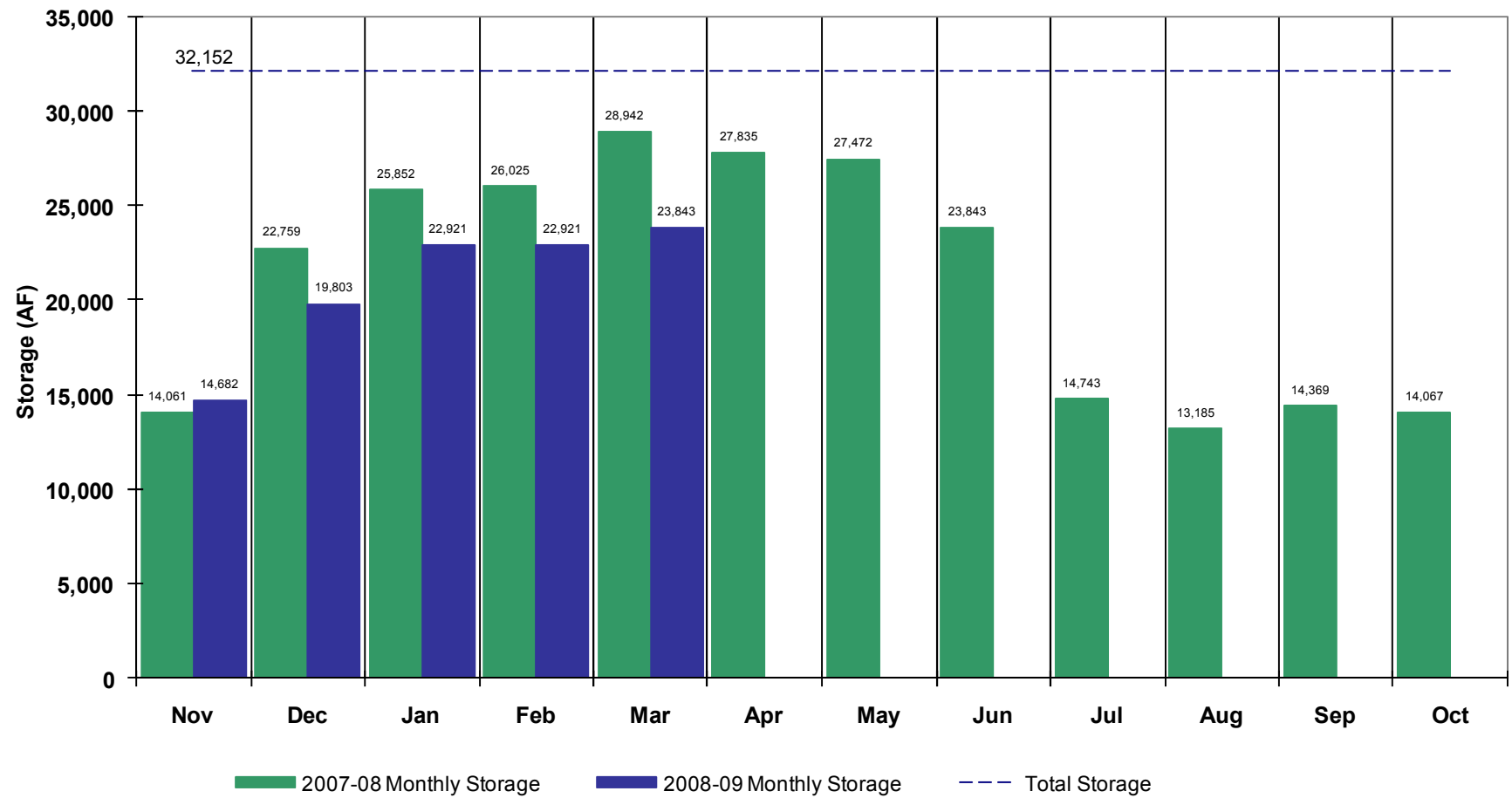
Riverside Reservoir

(District 1 - Agricultural)



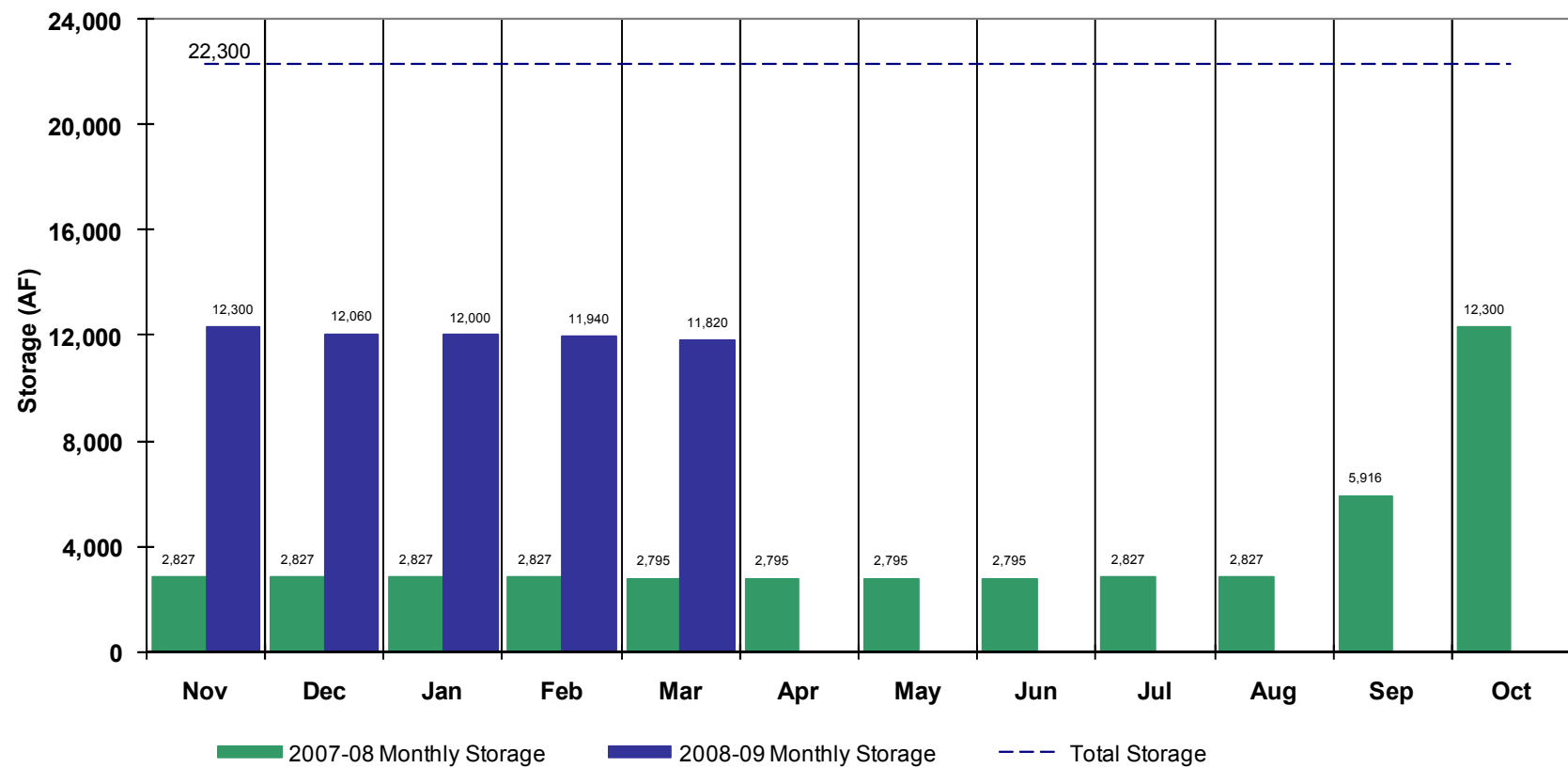
Barr Lake

(District 2 - Agricultural)



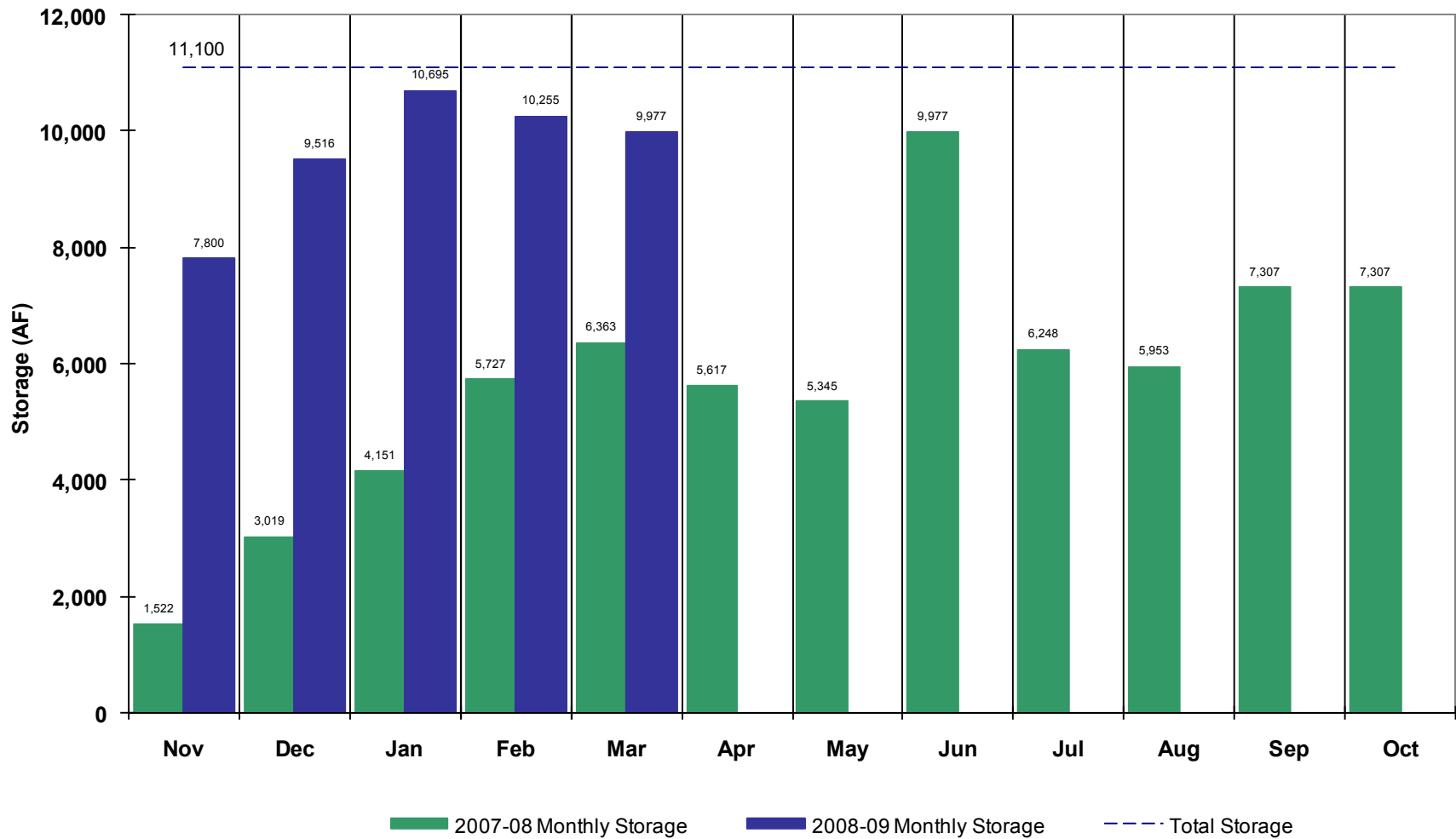
Cobb Lake

(District 3, Poudre River - Agricultural)



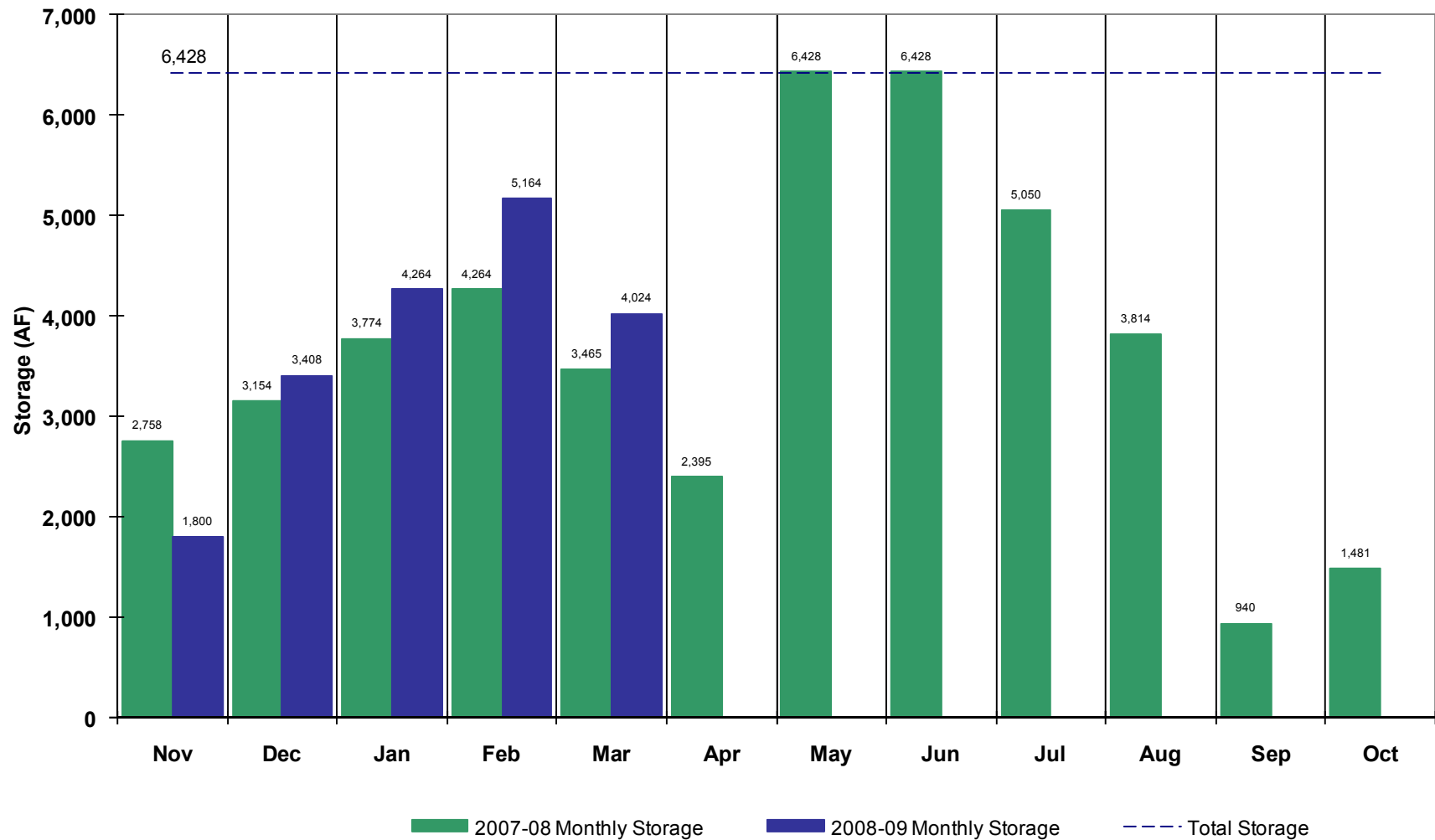
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



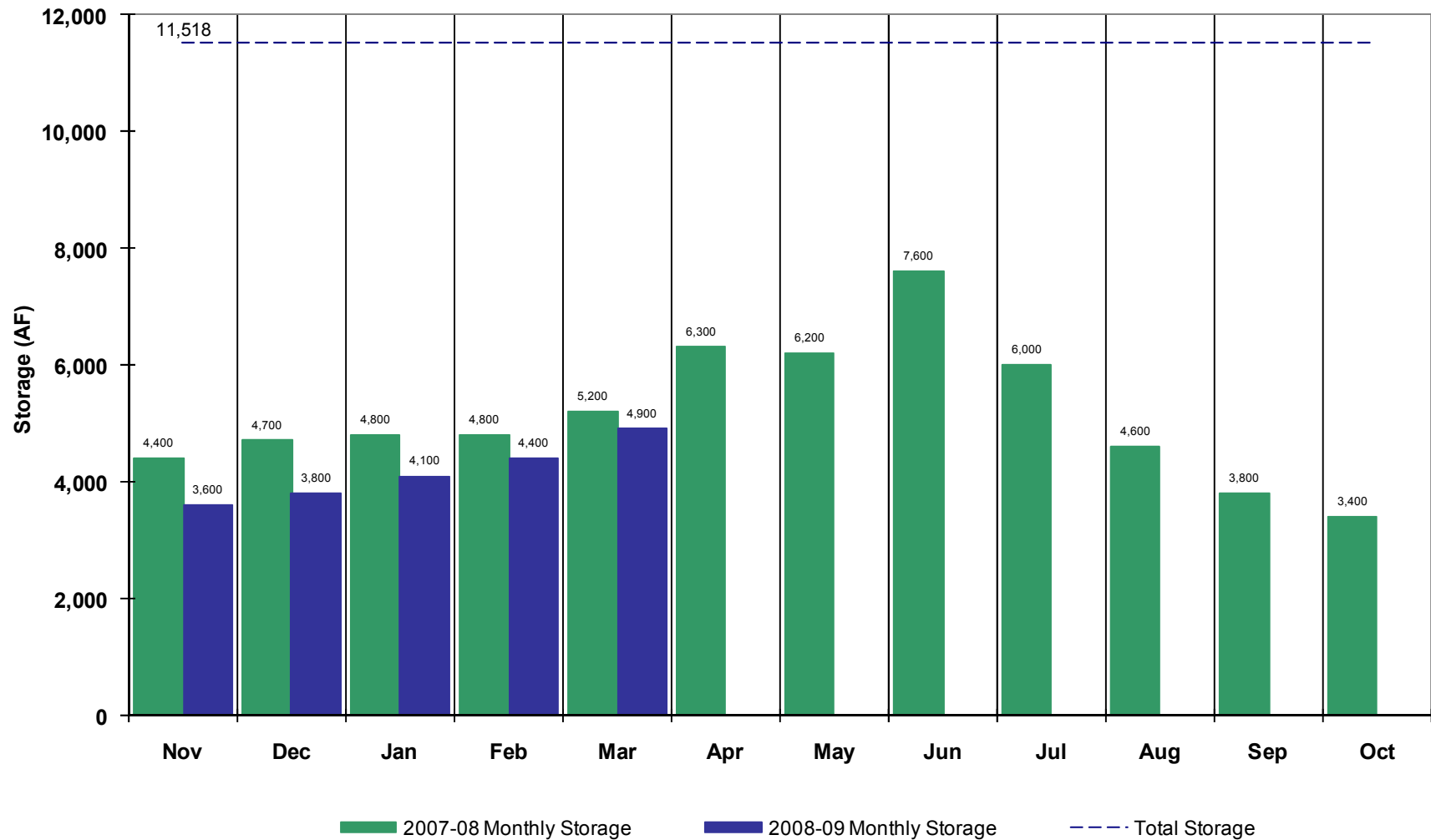
Halligan Reservoir

(District 3, Poudre River - Agricultural)



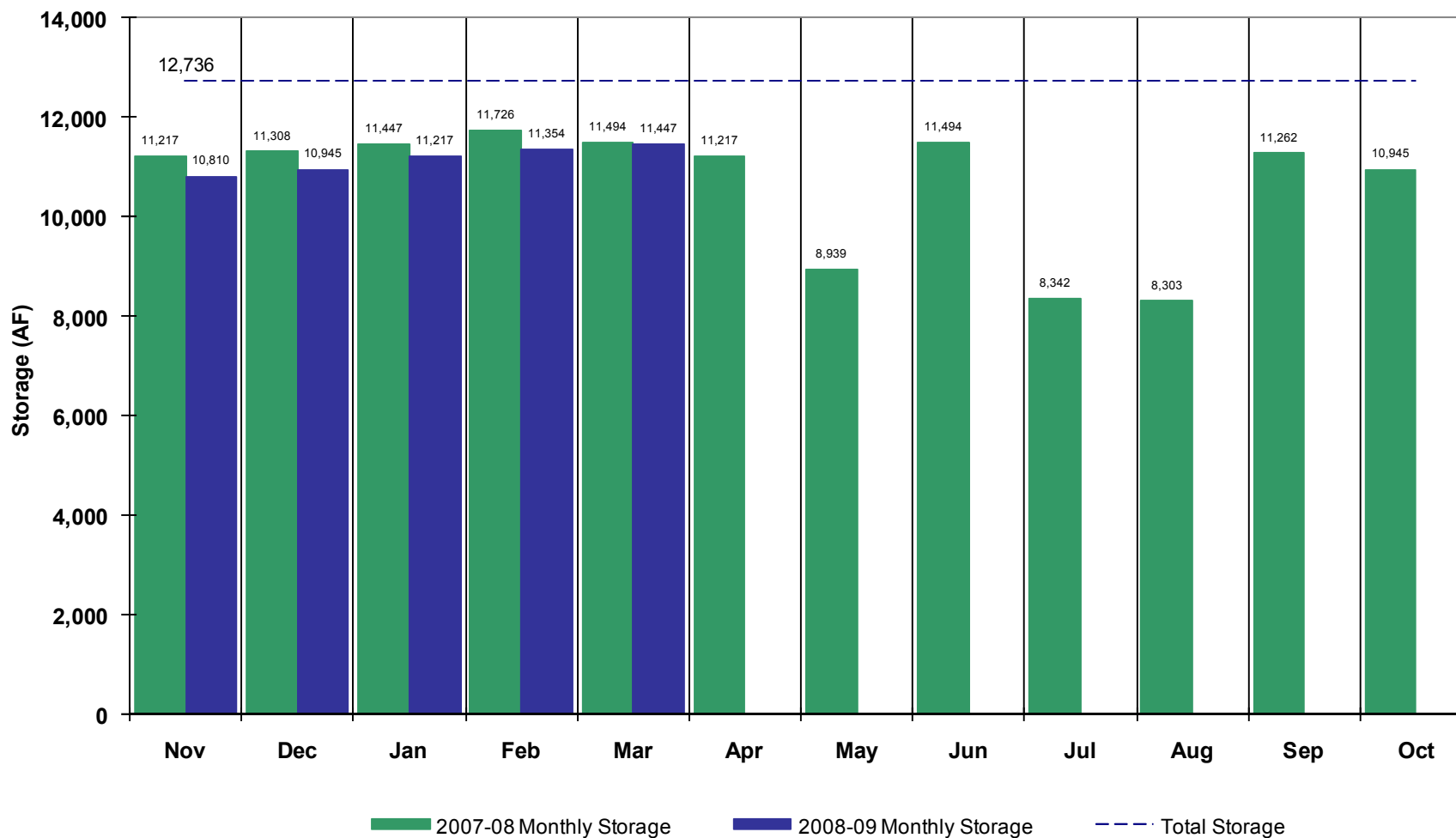
Marshall Lake

(District 6, Boulder Creek - Agricultural)



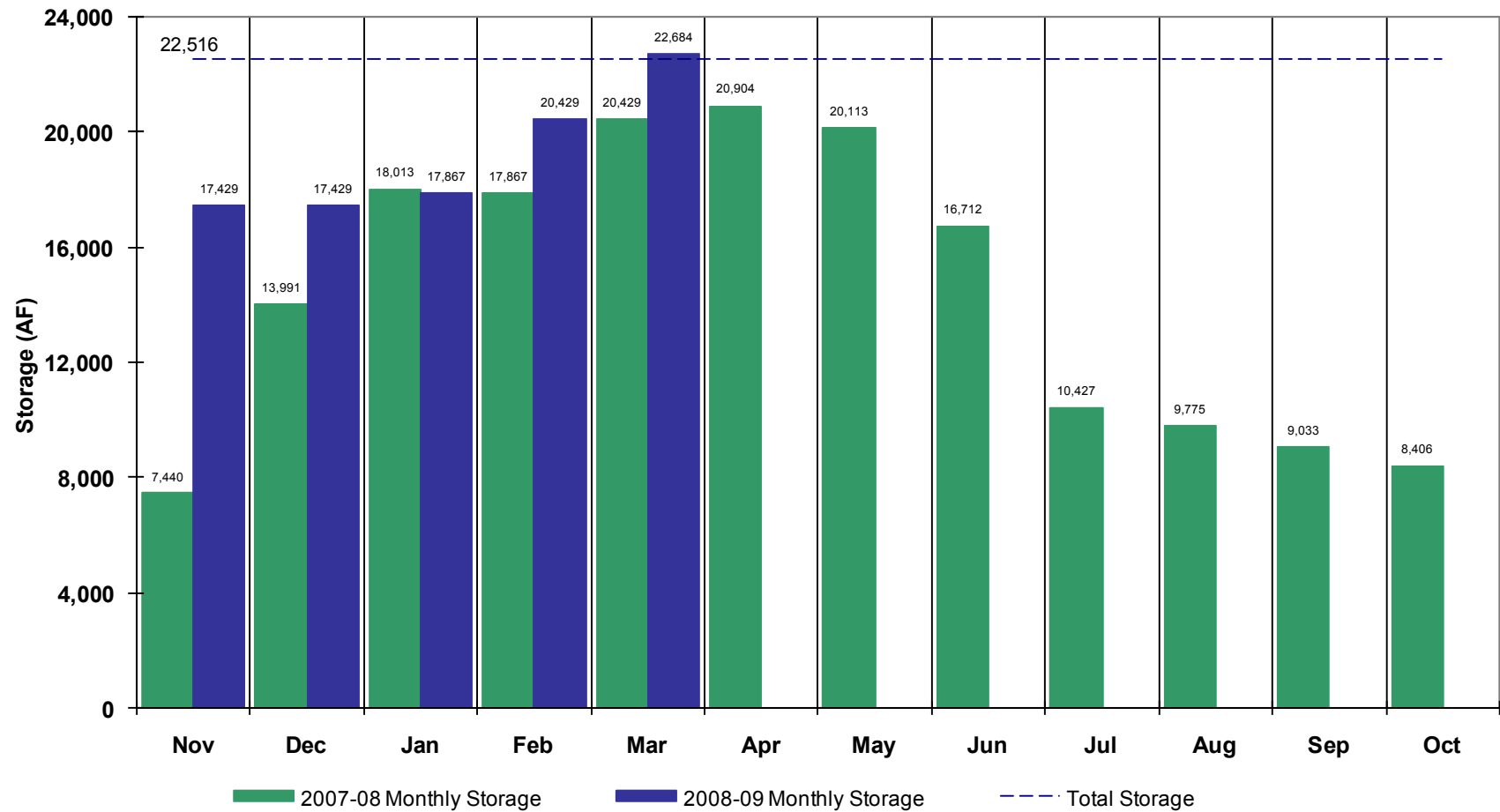
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



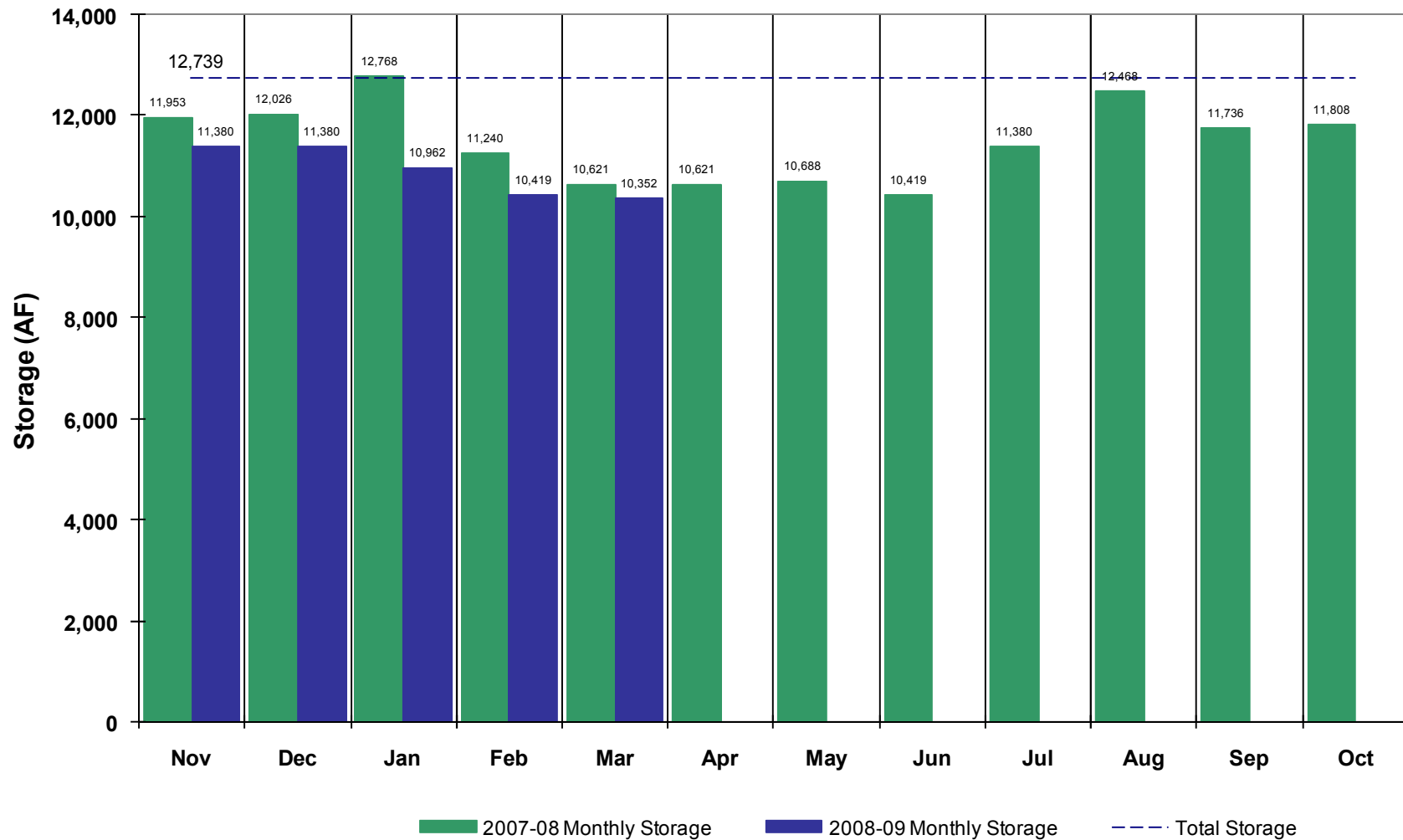
Milton Reservoir

(District 2 - Agricultural)



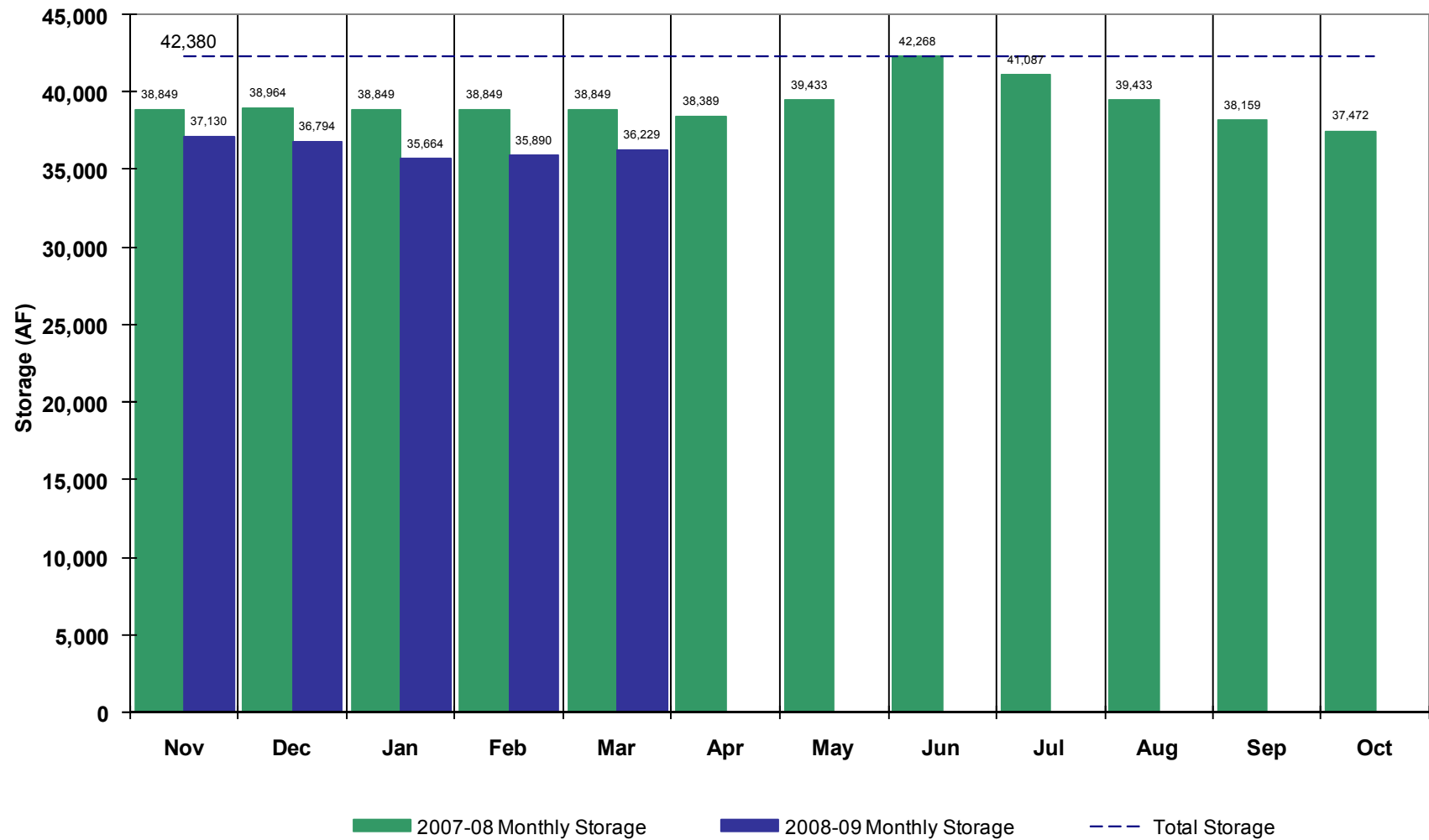
Union Reservoir

(District 5, St. Vrain Creek - Agricultural)



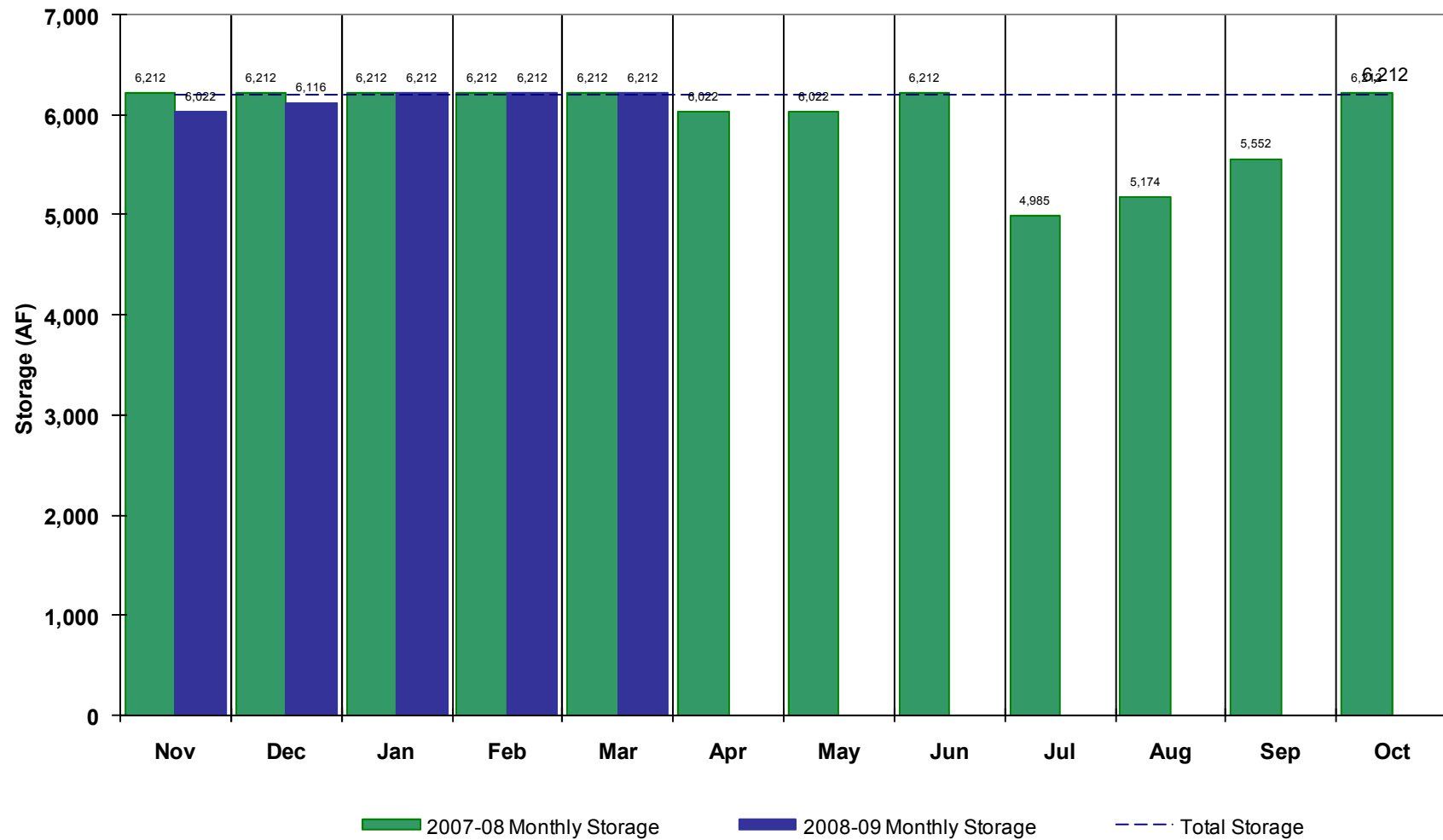
Standley Lake

(Agricultural)



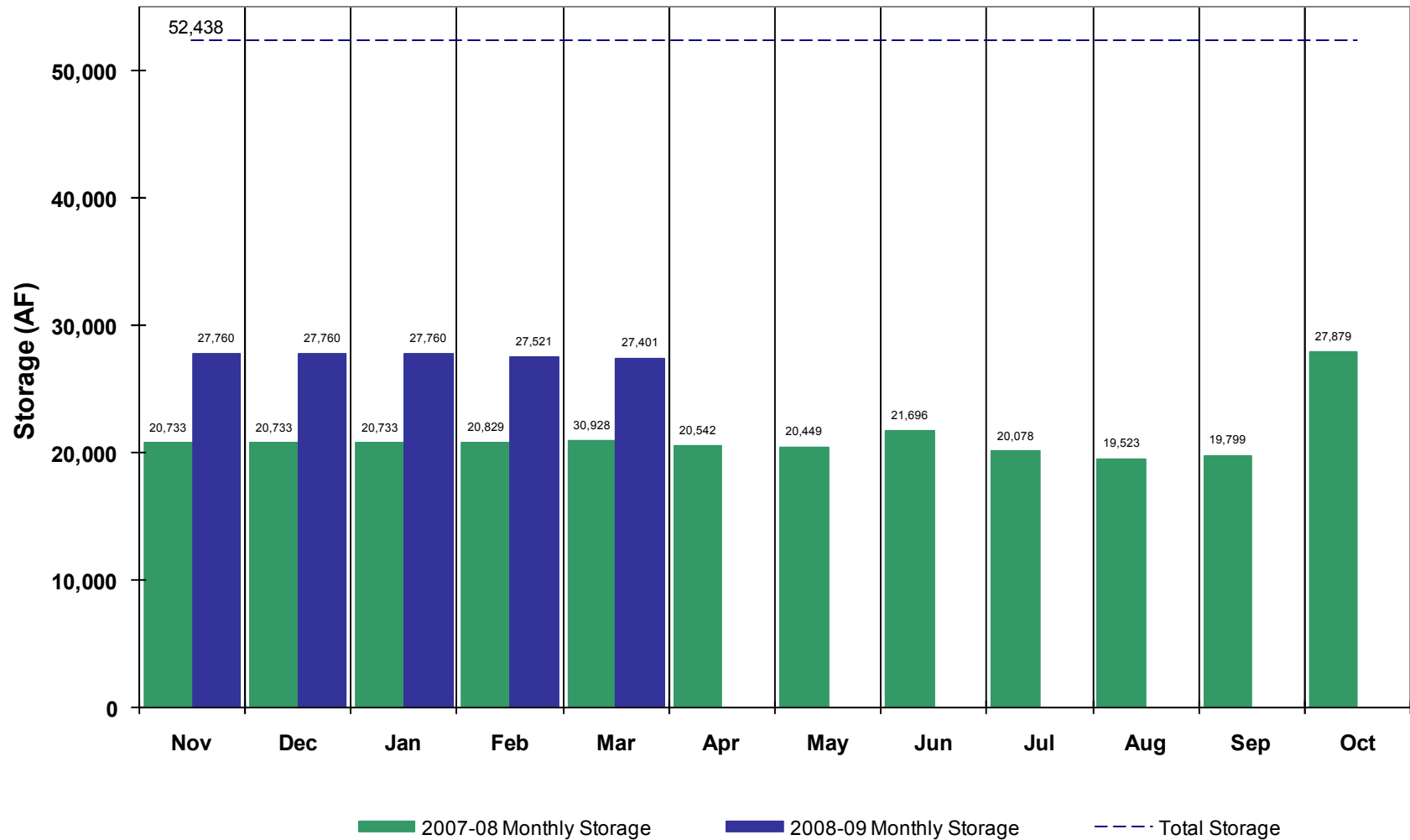
Lower Latham Reservoir

(District 2 - Agricultural)



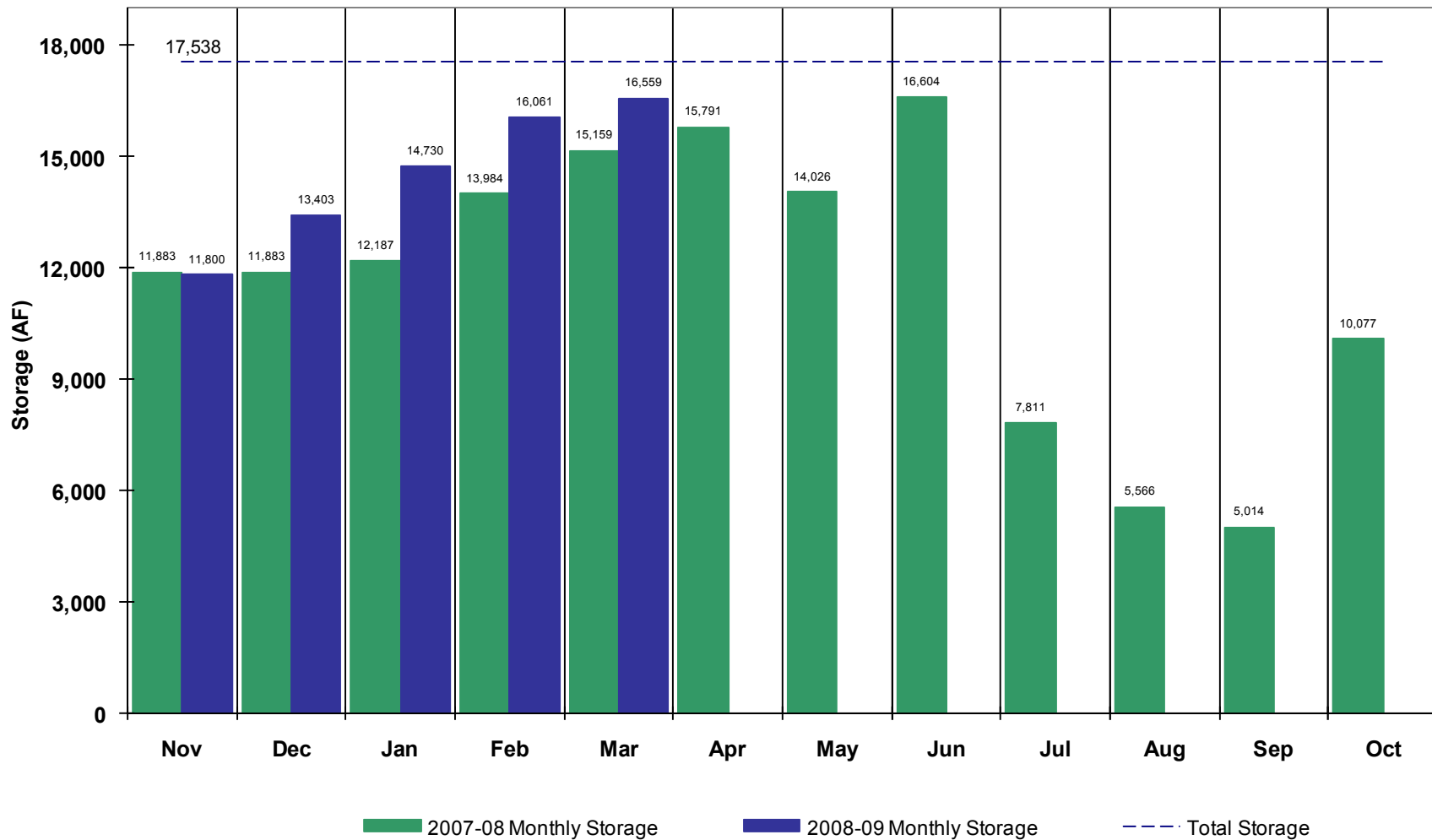
Boyd Lake

(District 4, Big Thompson River - Agricultural)



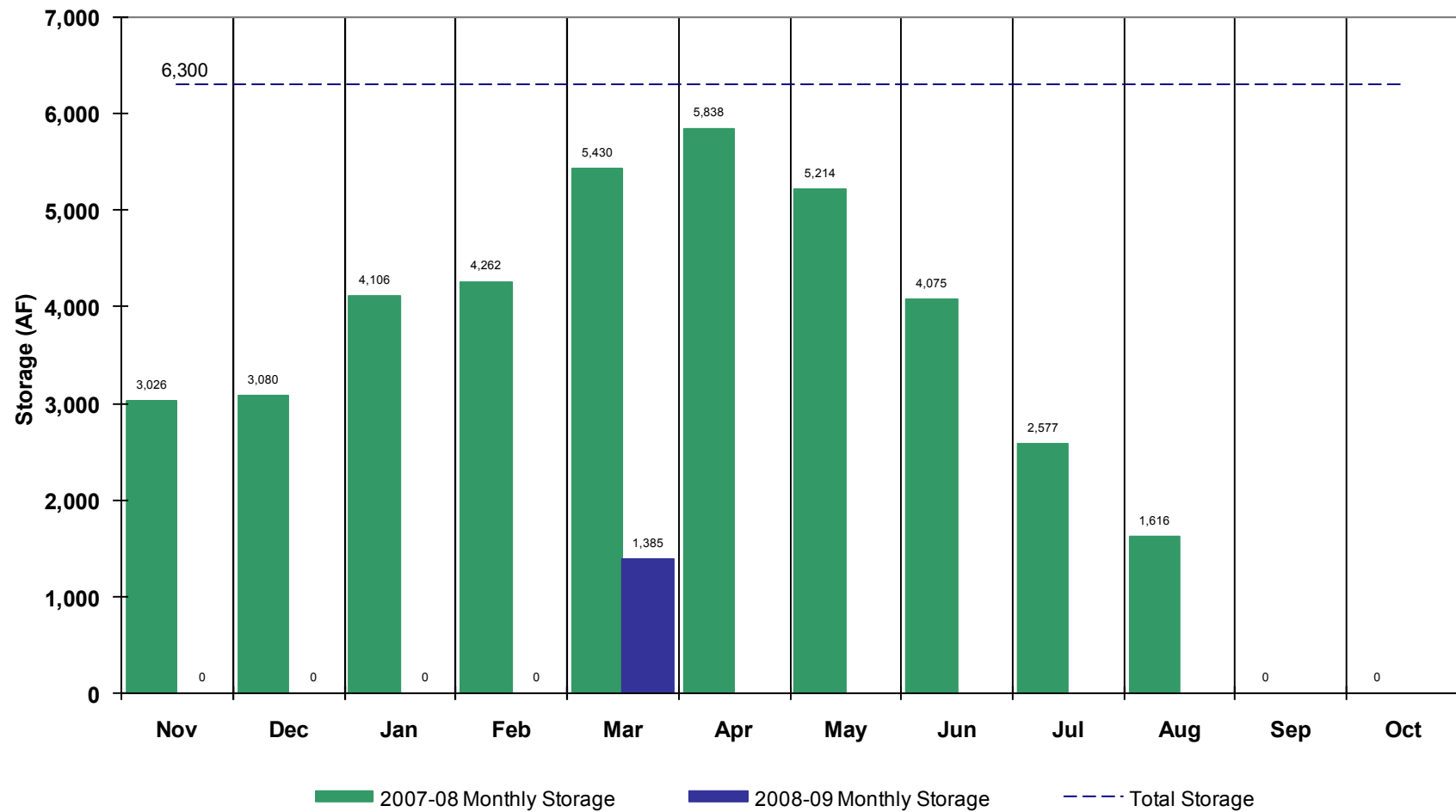
Windsor Reservoir

(District 3, Poudre River - Agricultural)



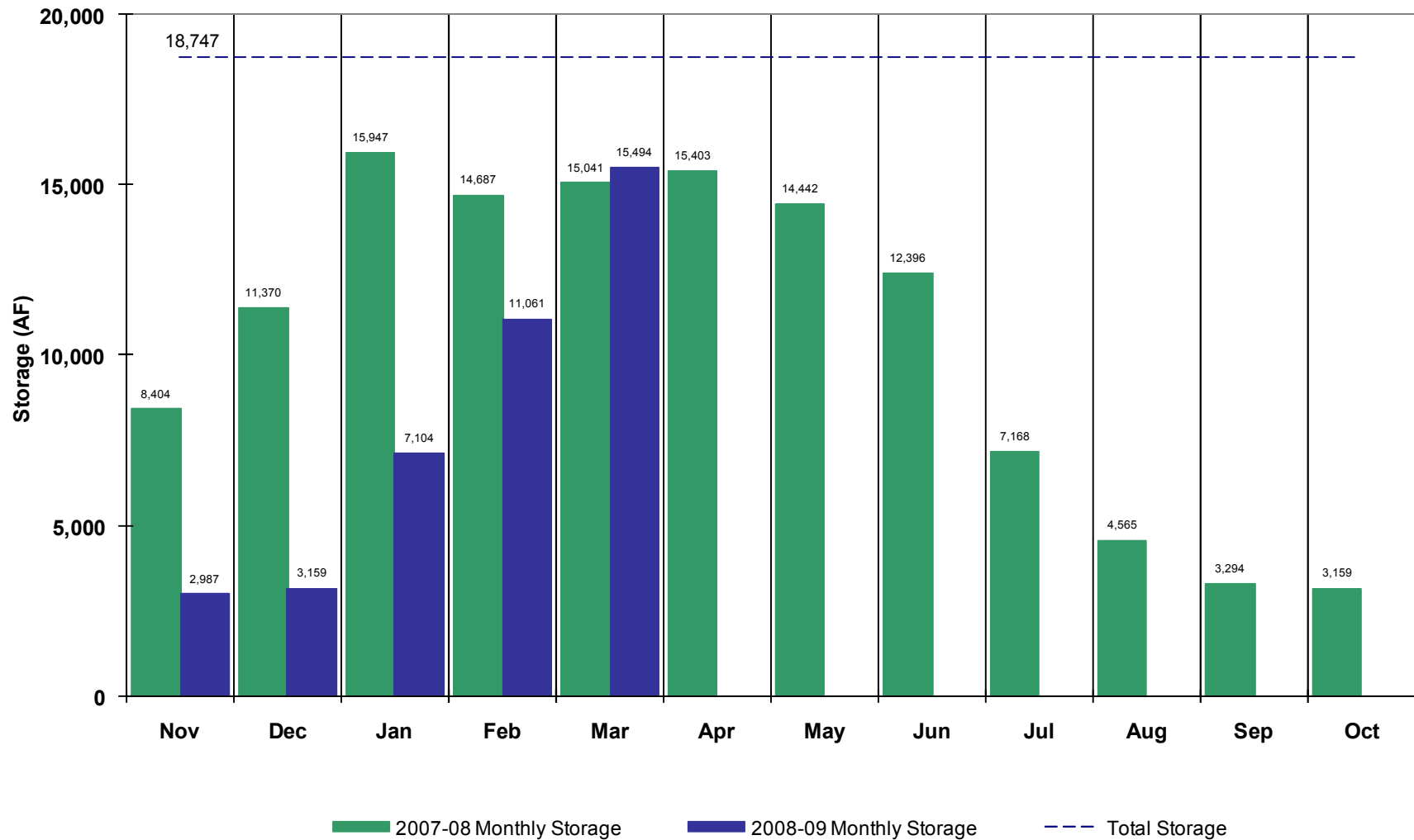
Prospect Reservoir

(District 1- Agricultural)



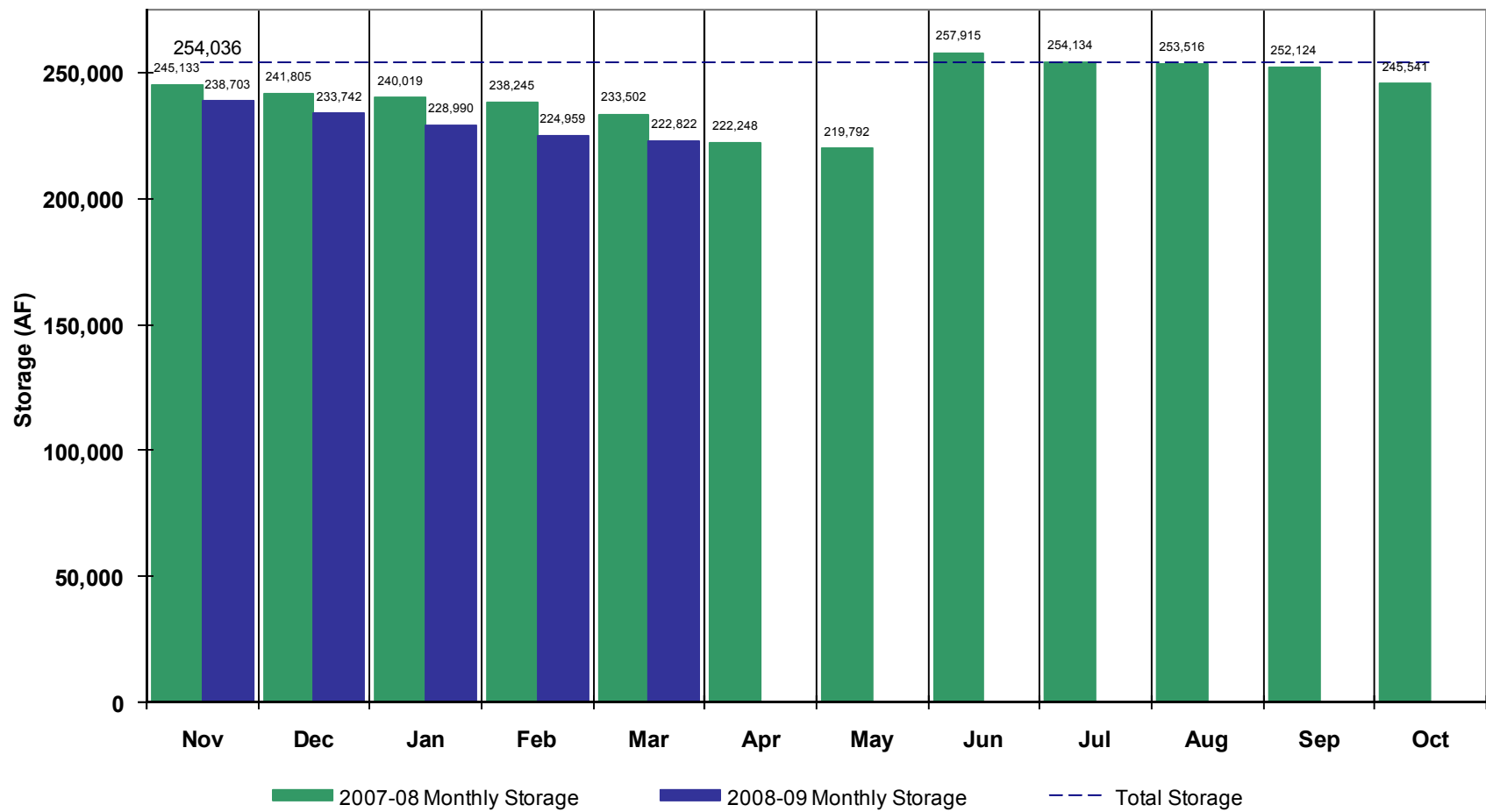
Horse Creek Reservoir

(District 1 - Agricultural)



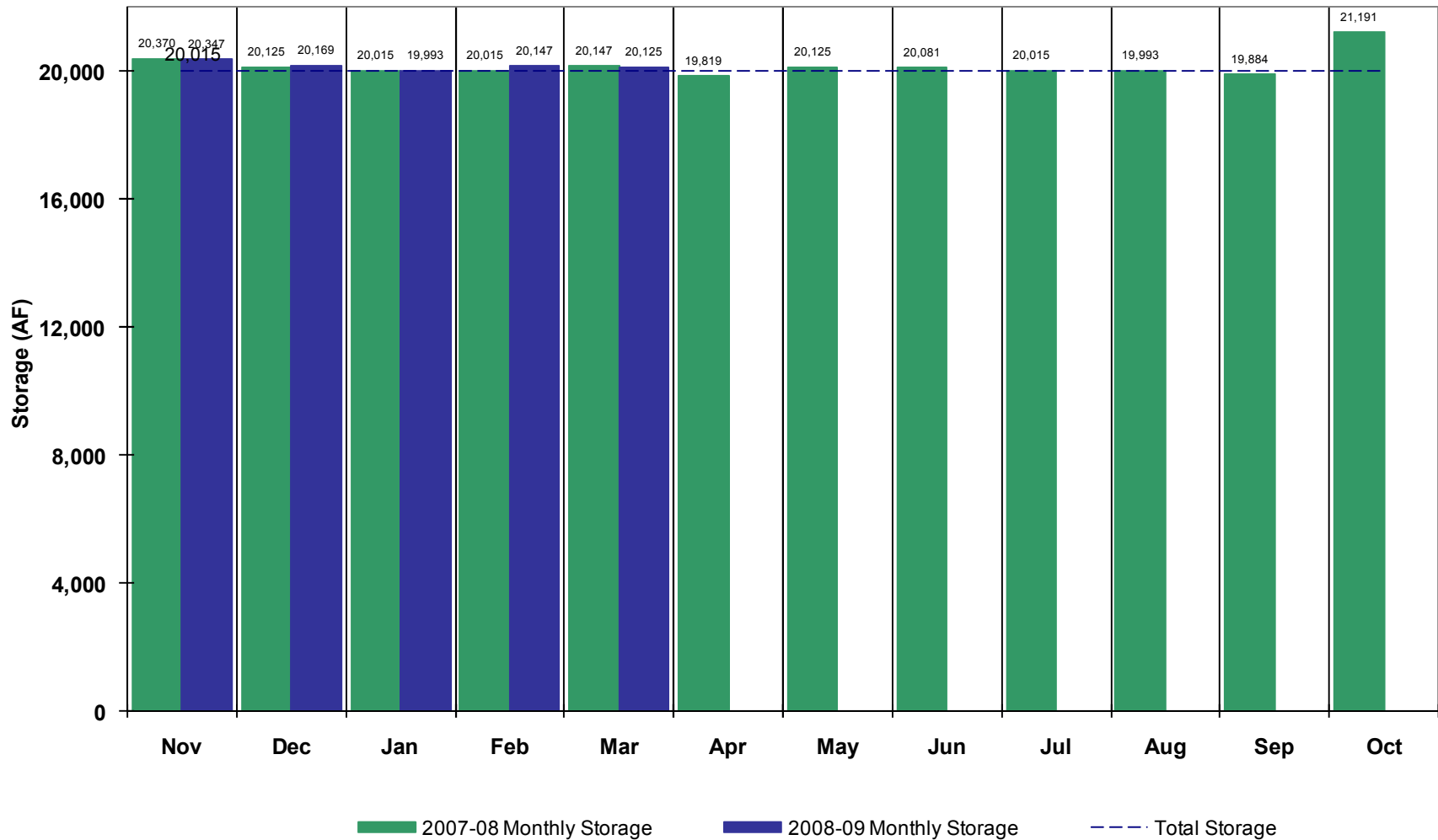
Dillon Reservoir

(Municipal)



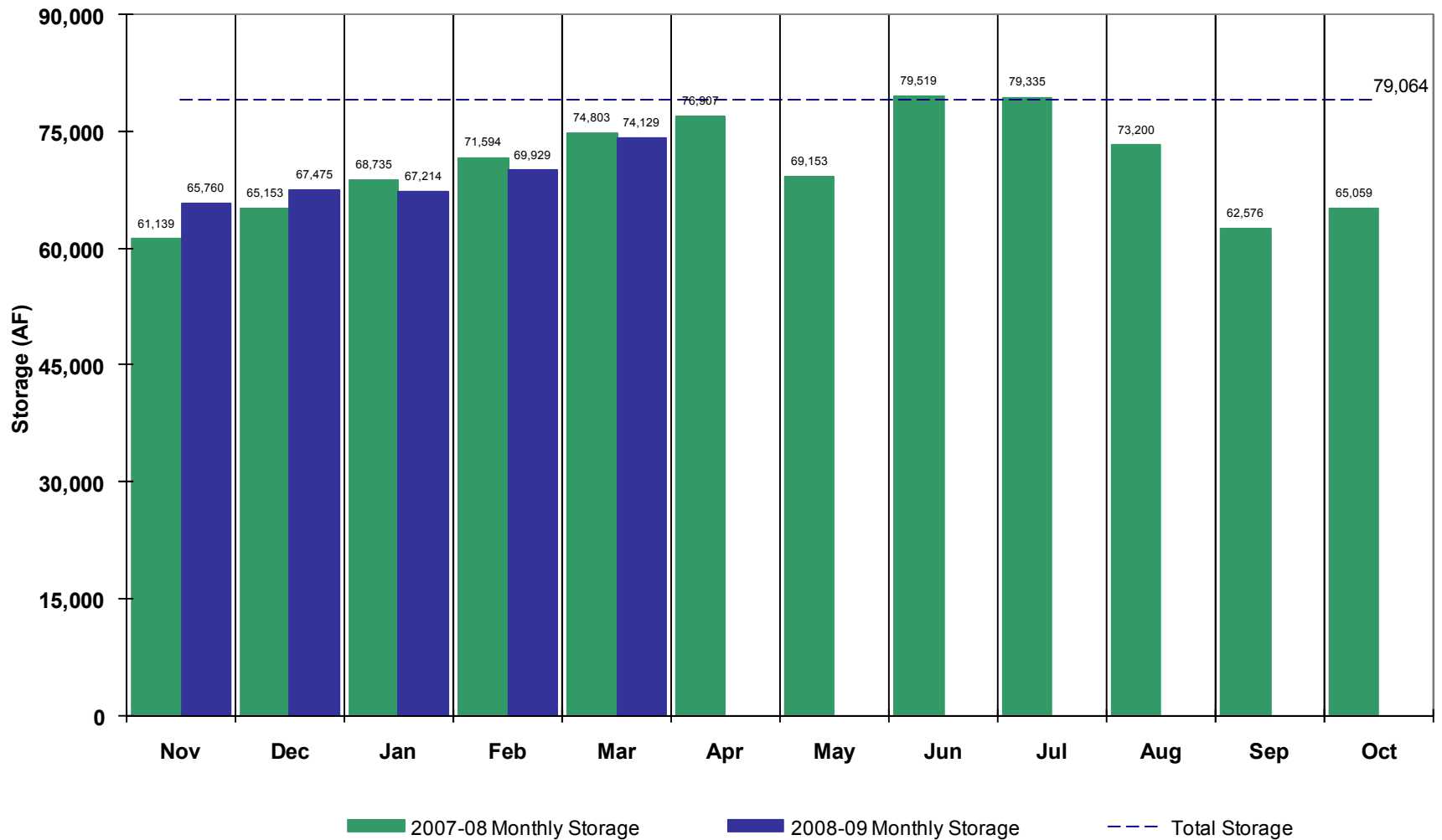
Antero Reservoir

(District 23 - Municipal)



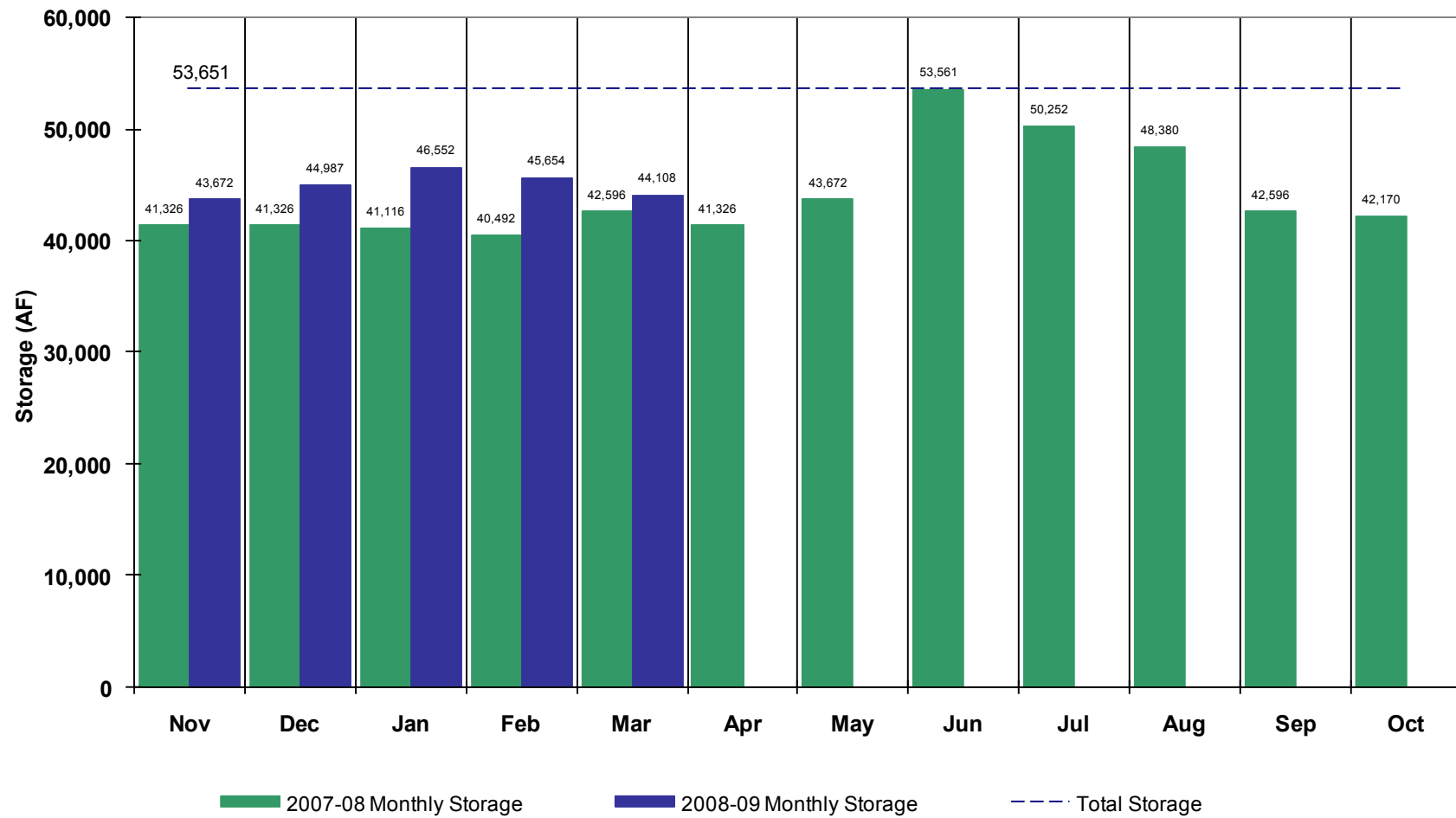
Cheesman Reservoir

(District 80 - Municipal)



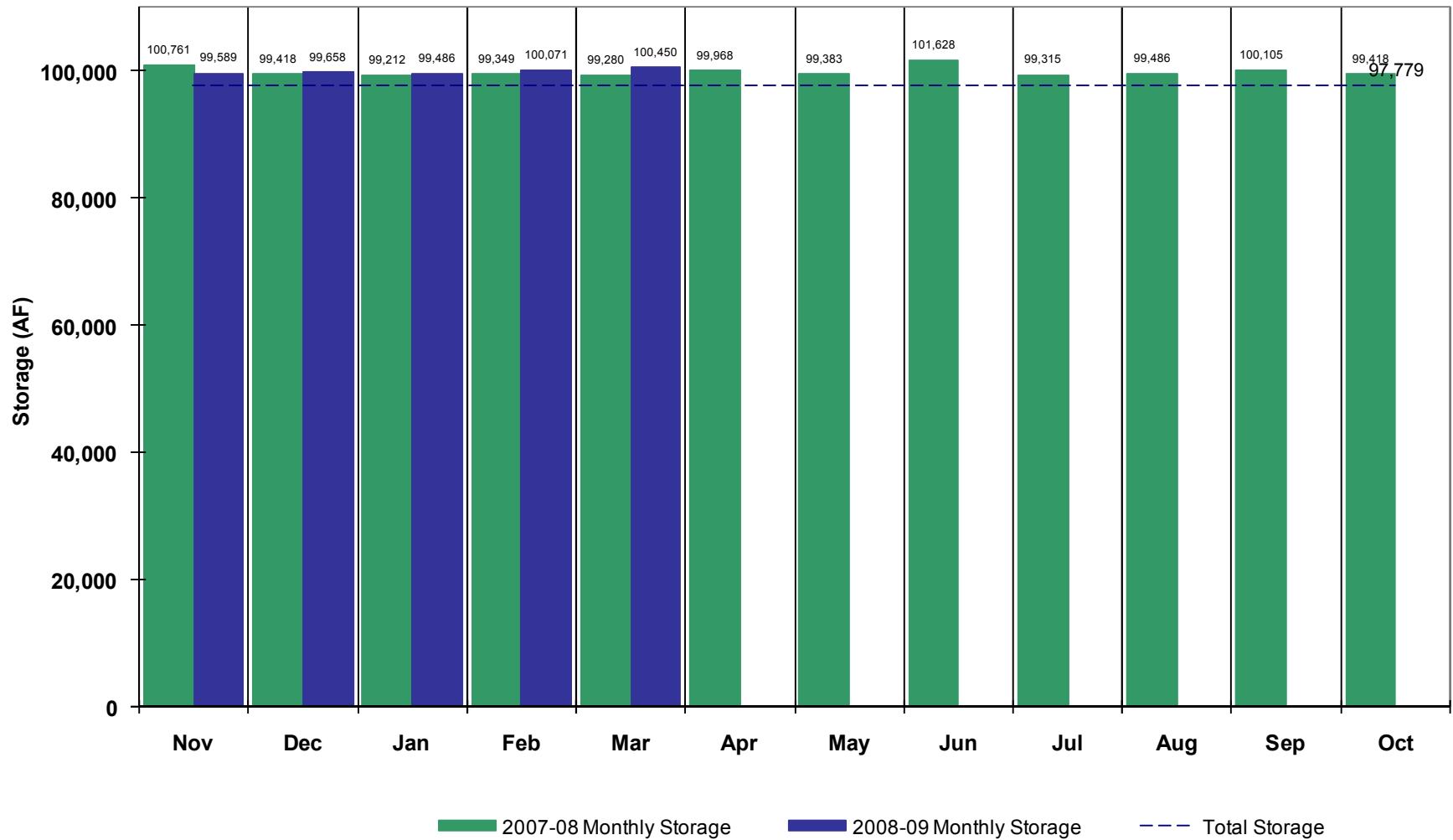
Spinney Mountain Reservoir

(District 23 - Municipal)

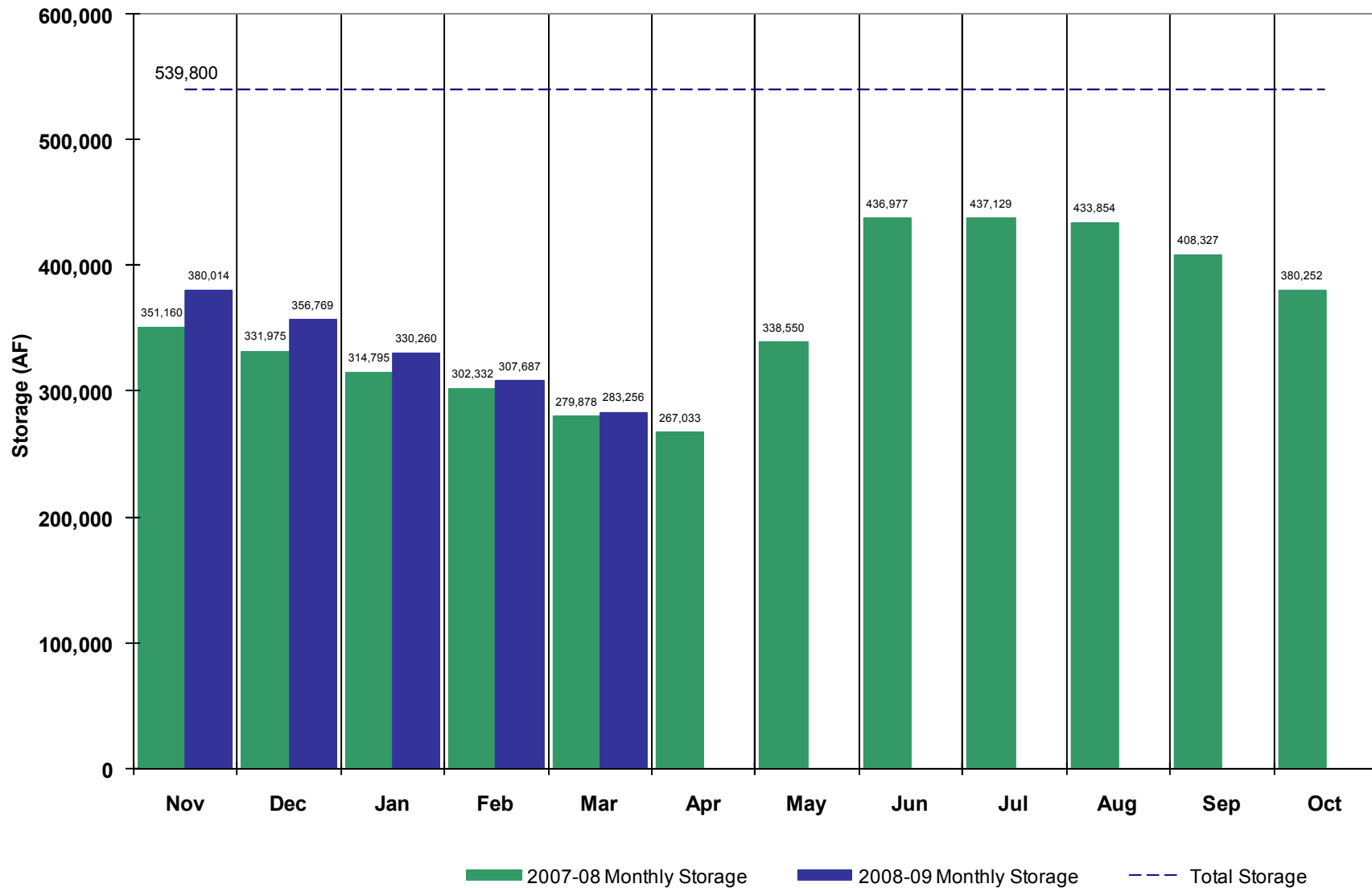


Eleven Mile Reservoir

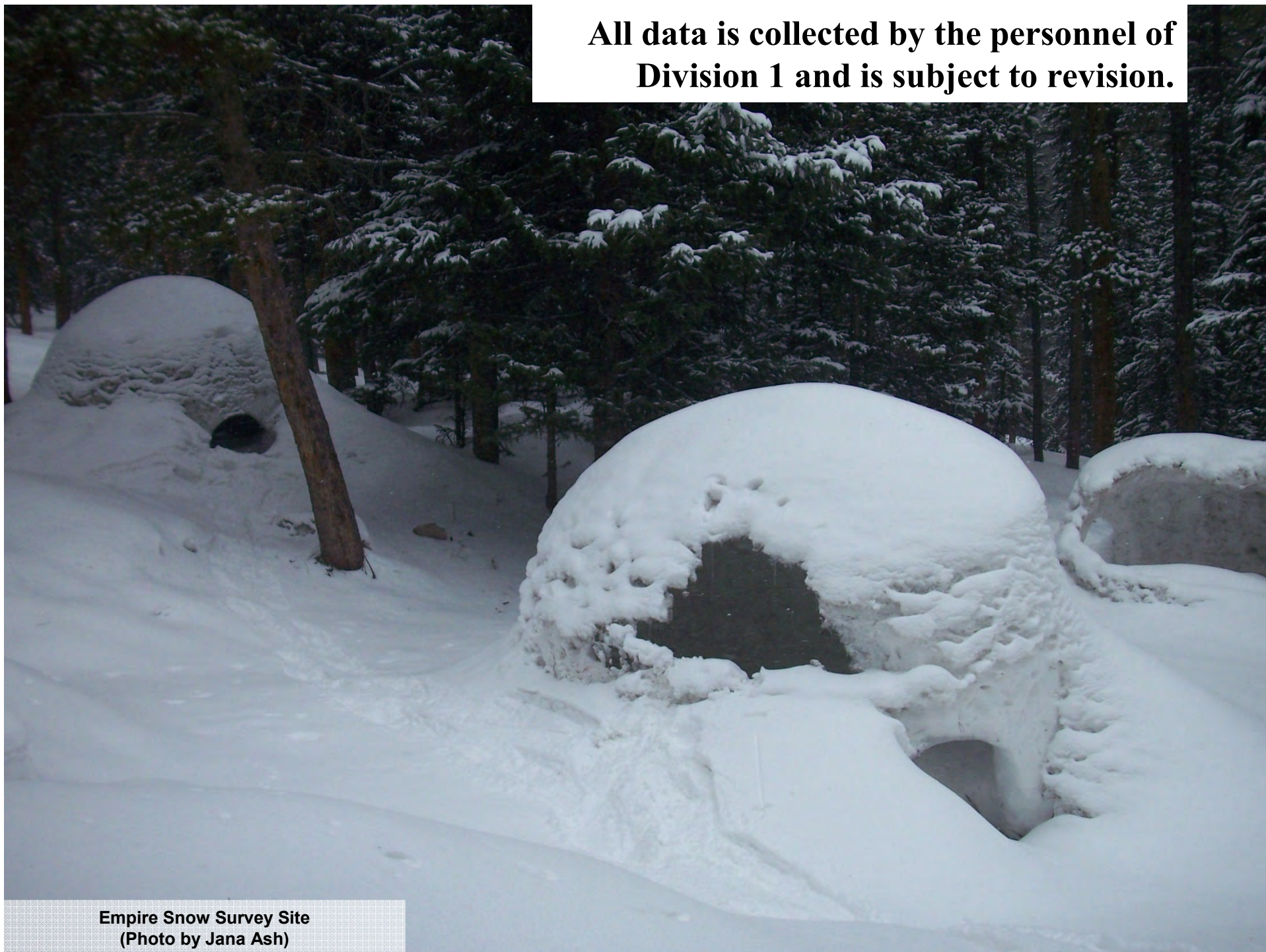
(District 23 - Municipal)



Lake Granby



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



**Empire Snow Survey Site
(Photo by Jana Ash)**