



South Platte Summary

November 2009

Compiled by Jana Ash



Tarryall Reservoir – Bald Mountain and Mt.
Guyot
(Photo by Garver Brown)

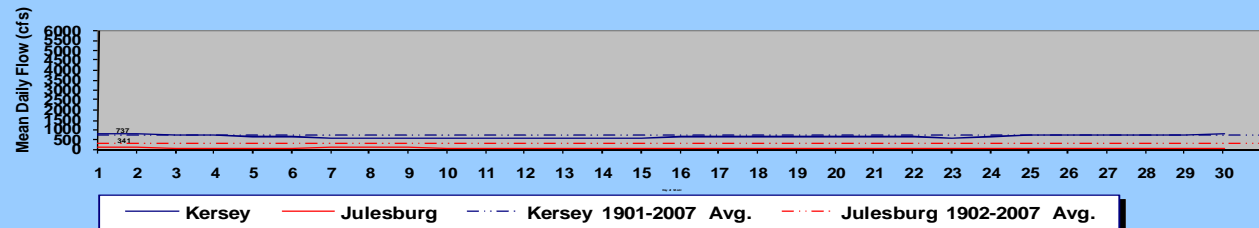
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF NOVEMBER 2009

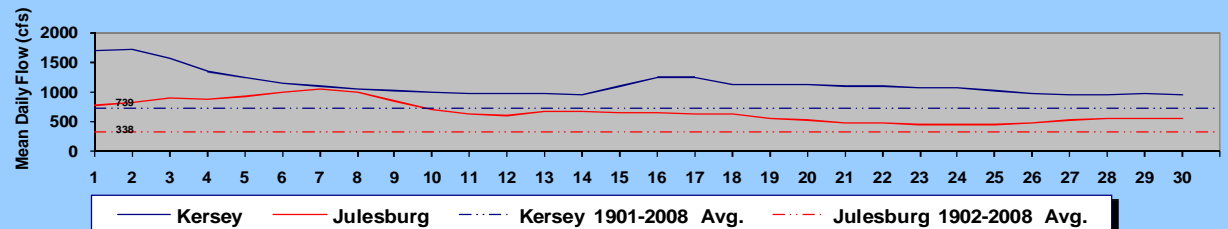
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	13,854	18,755	64	4,901	35%	83%	72%	0
N STERLING	73,730	24,701	42,588	64	17,887	72%	58%	36%	0
PREWITT	28,500	21,479	26,653	64	5,174	24%	94%	71%	0
JACKSON	27,257	17,756	25,106	1	7,350	41%	92%	51%	0
EMPIRE	37,700	3,486	7,337	1	3,851	110%	19%	9%	0
RIVERSIDE	63,113	41,109	46,309	1	5,200	13%	73%	45%	0
BARR LAKE	31,652	23,843	21,951	2	-1,892	-8%	69%	46%	0
CHEESMAN	79,064	69,807	72,097	80	2,290	3%	91%	83%	0
ELEVEN MILE	97,779	99,486	99,418	23	-68	0%	100%	100%	1,639
SPINNEY	53,651	43,024	41,746	23	-1,278	-3%	78%	81%	0
ANTERO	20,015	19,841	20,037	23	196	1%	100%	100%	22

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	1145
JULESBURG	674
THIS MONTH LAST YEAR	
KERSEY	639
JULESBURG	64
MEAN FOR PERIOD OF RECORD*	
KERSEY	739
JULESBURG	338
* 1901-2008	
1902-2008	

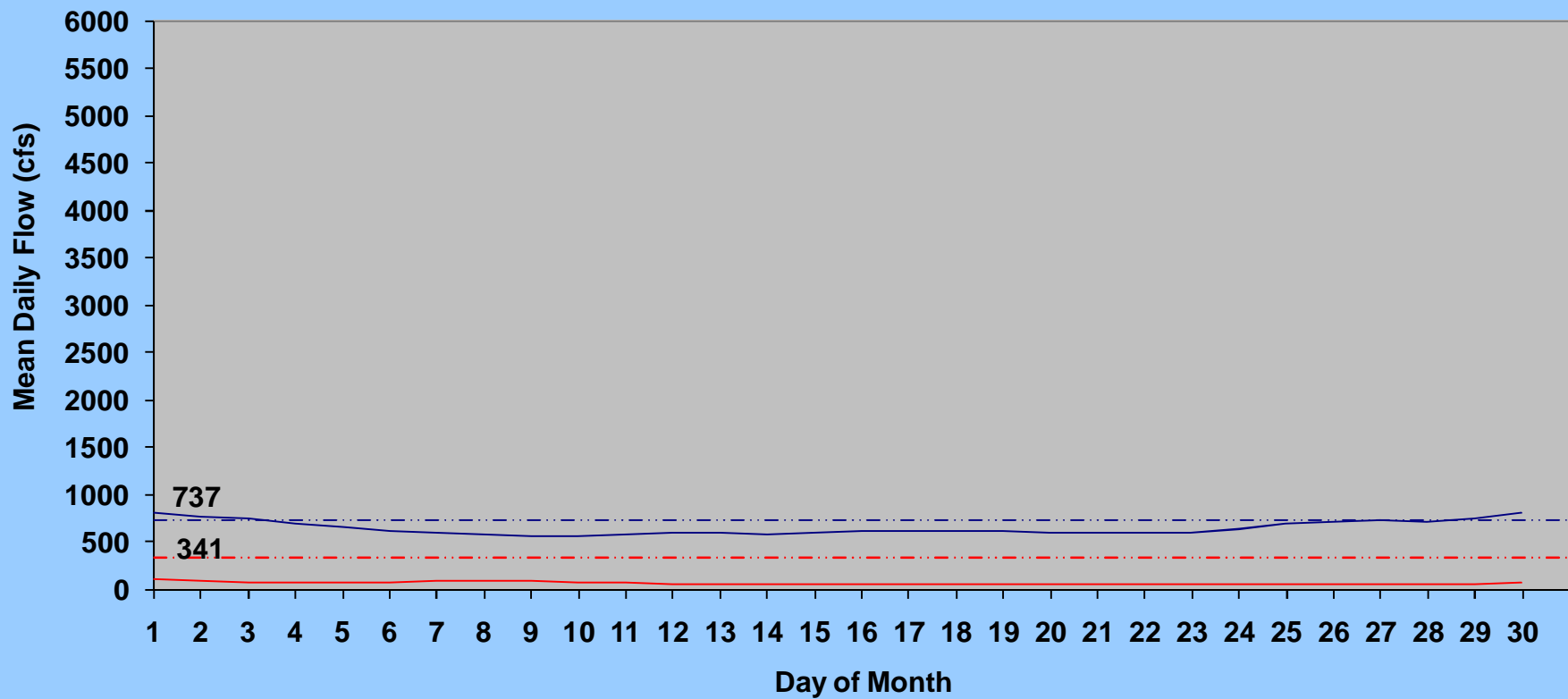
**SOUTH PLATTE RIVER
NOVEMBER 2008**



**SOUTH PLATTE RIVER
NOVEMBER 2009**

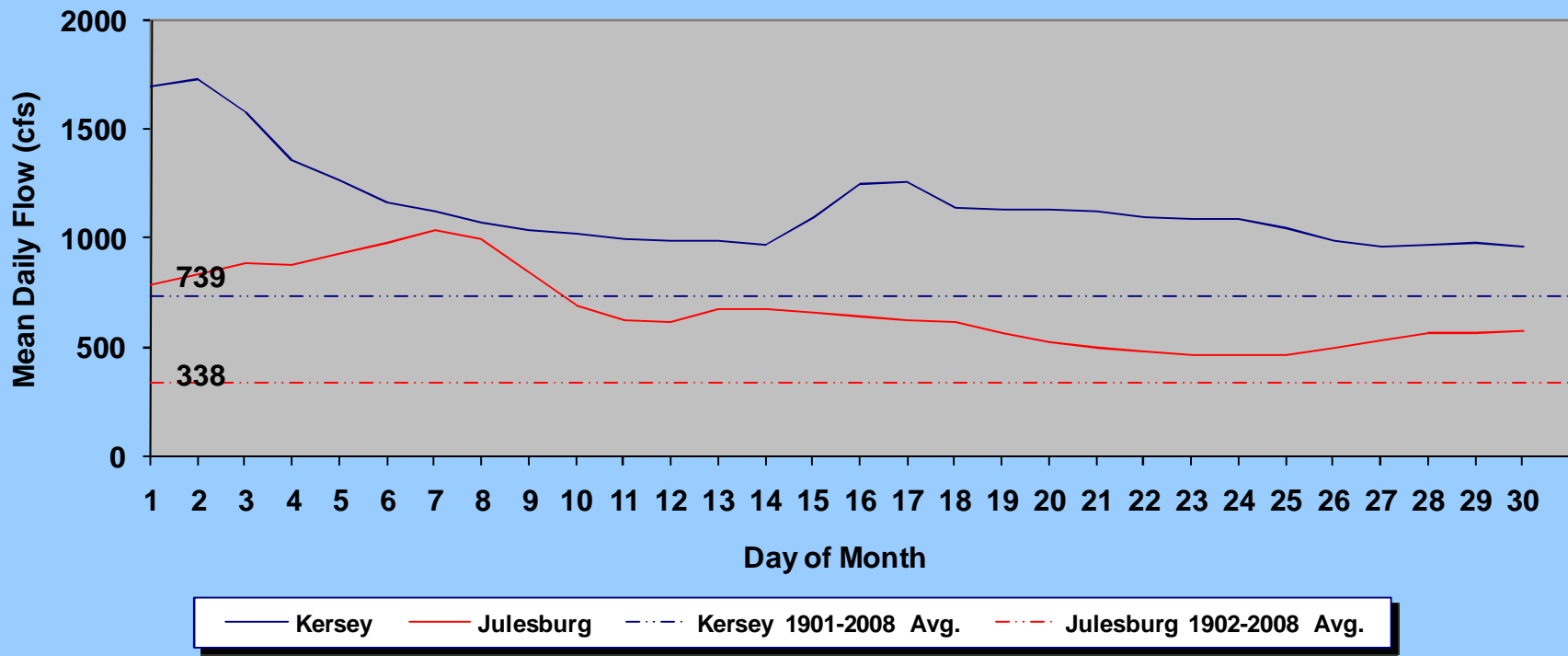


SOUTH PLATTE RIVER NOVEMBER 2008

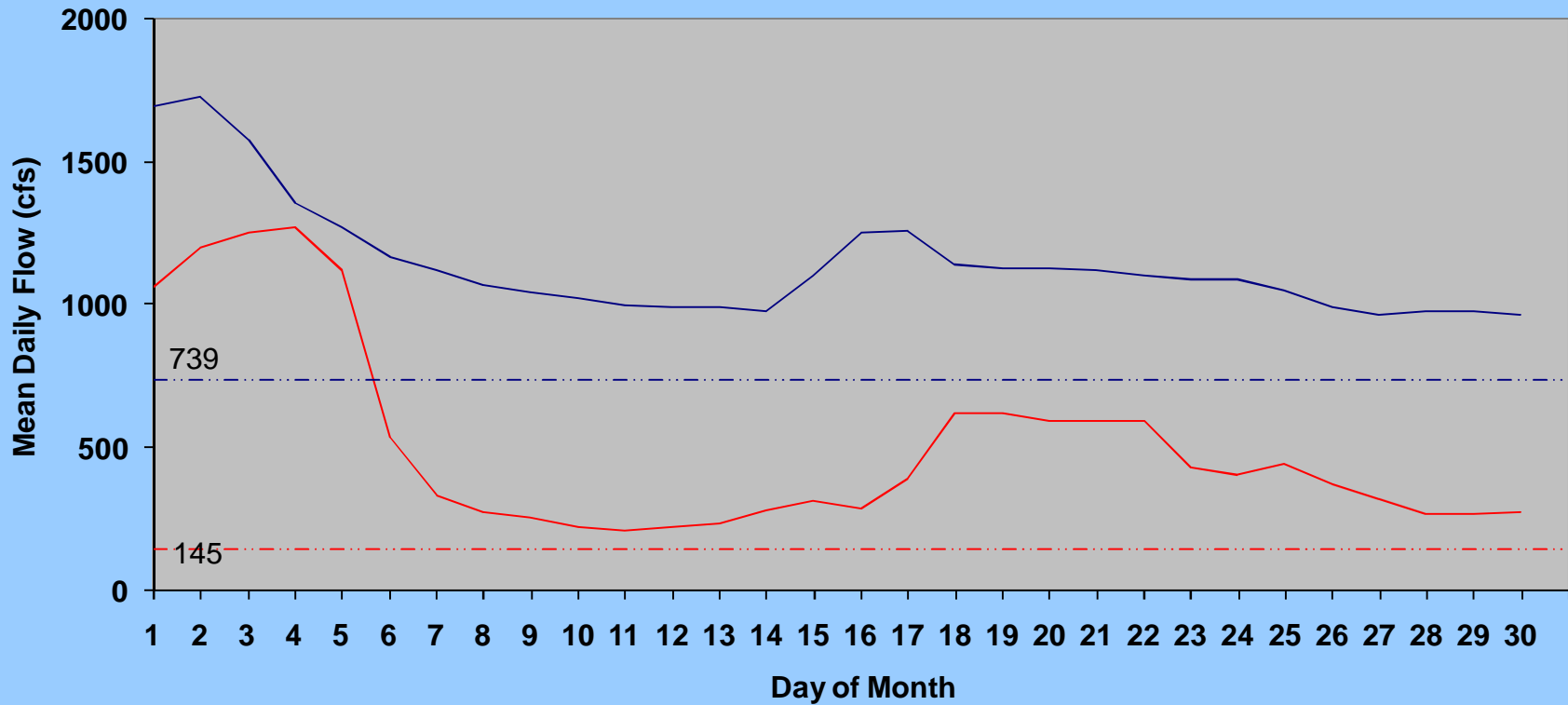


— Kersey — Julesburg - - - Kersey 1901-2007 Avg. - - - Julesburg 1902-2007 Avg.

SOUTH PLATTE RIVER NOVEMBER 2009



KERSEY and BALZAC NOVEMBER 2009



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

South Platte River Monthly Stream Flow (cfs) Statistics

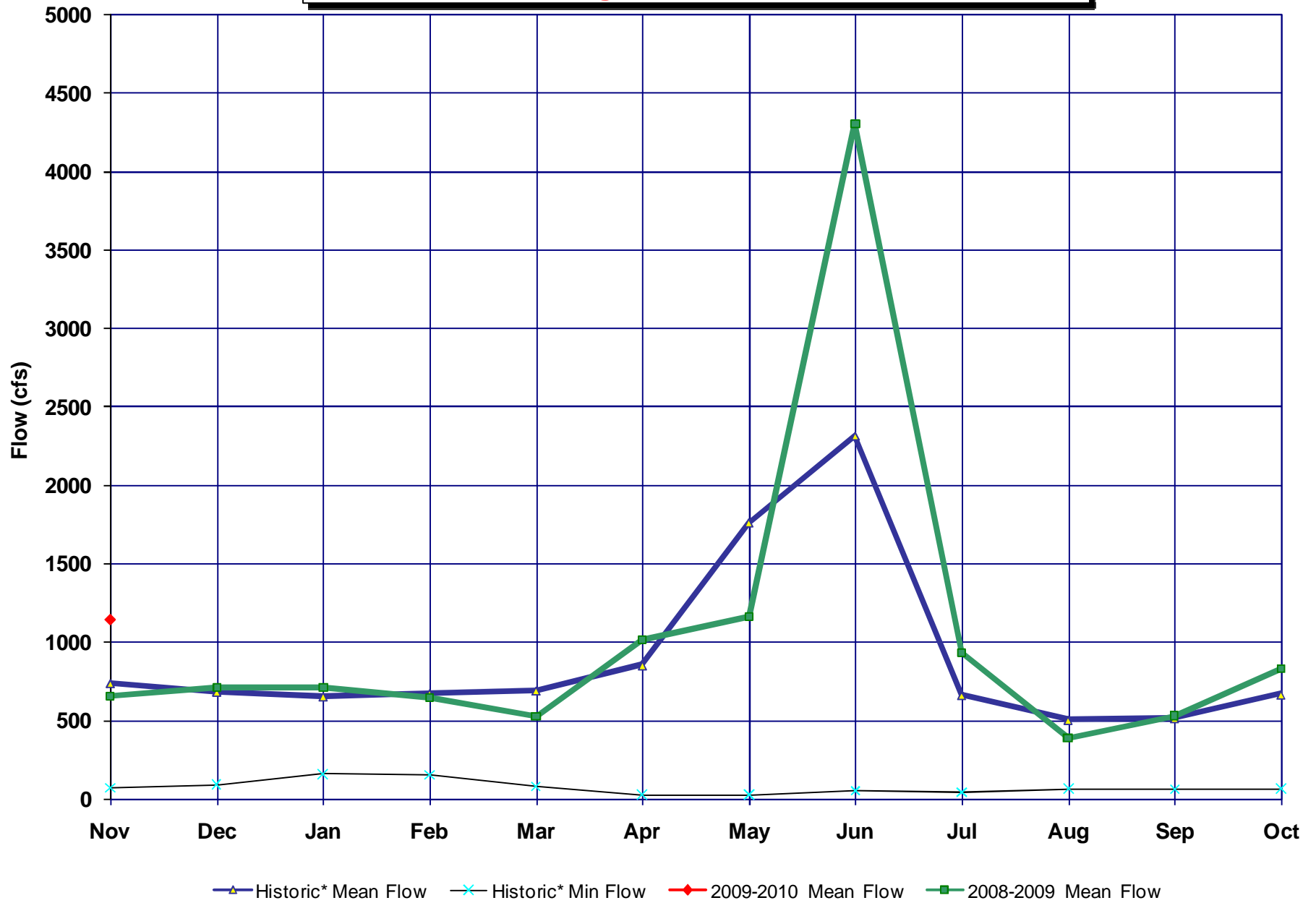
South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2010 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2010 Mean Monthly Flow
Nov	737	3650	1984	70	1934	1145	Nov	344	2900	1984	4.2	1903	674
Dec	683	1890	1961	91	1934		Dec	405	1820	1984	13	2002	
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 1901-2008							*Period of record 1902-2008						



Chatfield Reservoir
(Photo by Claudia Engelmann)

South Platte River at Kersey

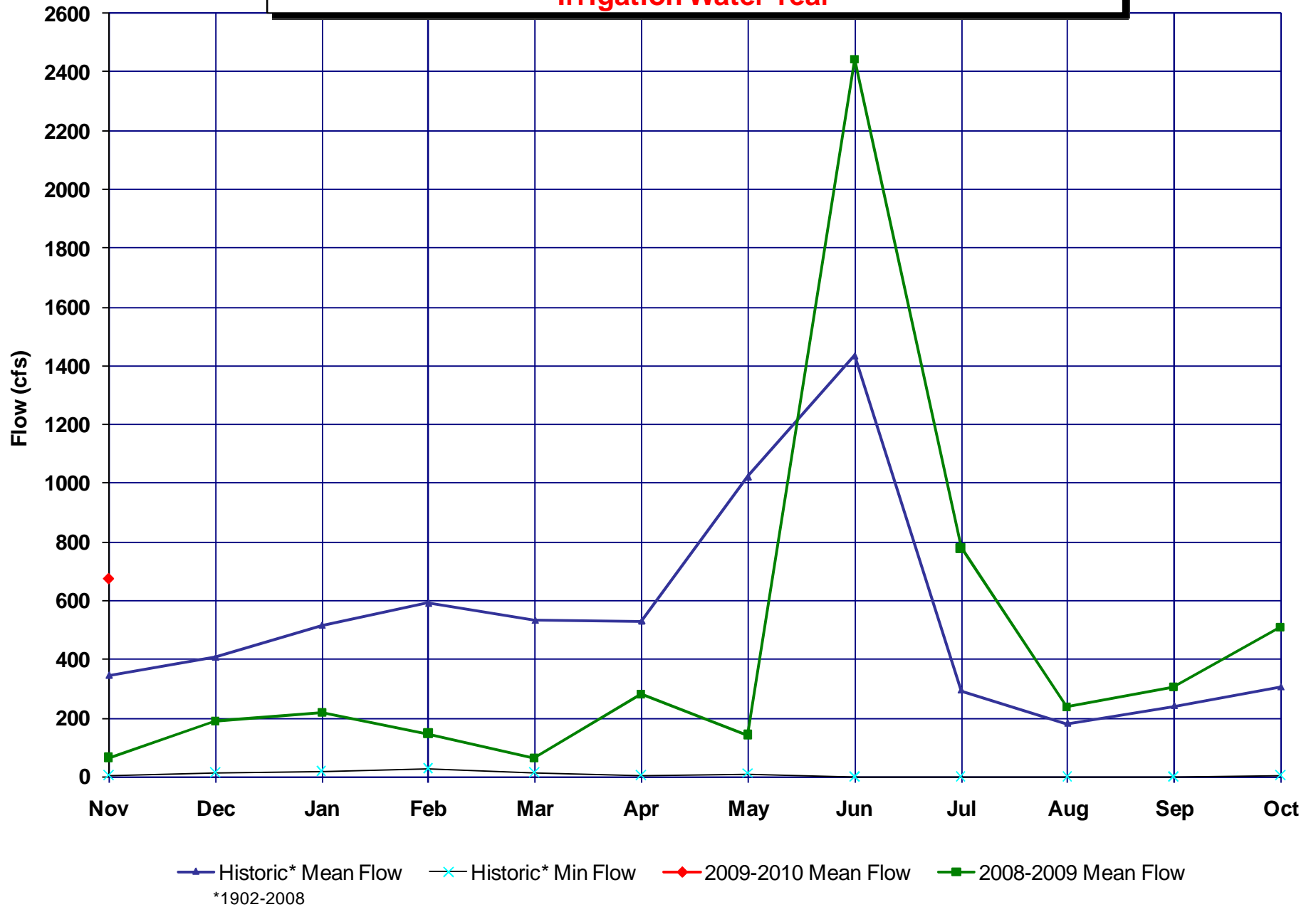
Irrigation Water Year



*1901-2008

South Platte River at Julesburg

Irrigation Water Year



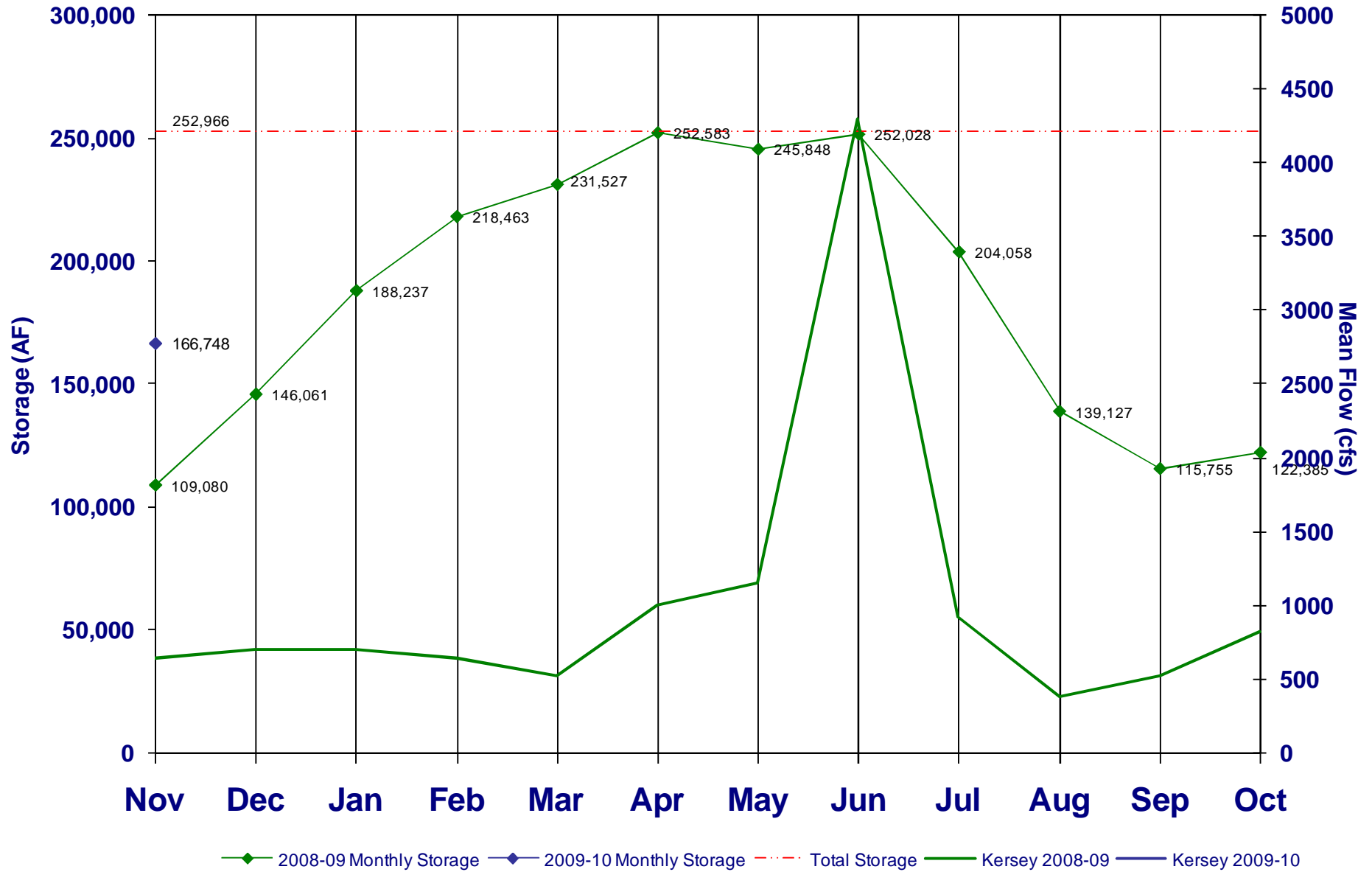
A photograph of a snowy mountain slope. In the upper center, there is a wooden structure, possibly a mine entrance or a small building, partially covered in snow. The slope is covered in patches of snow and exposed earth. In the foreground, a snow pit has been dug, and three tools (a yellow-handled shovel, a black-handled shovel, and a blue-handled shovel) are stuck in the snow. The sky is overcast and grey.

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

**Dauntless Portal of the Hilltop
Mine – Elev. 12'600 ft.
(Photo by Garver Brown)**

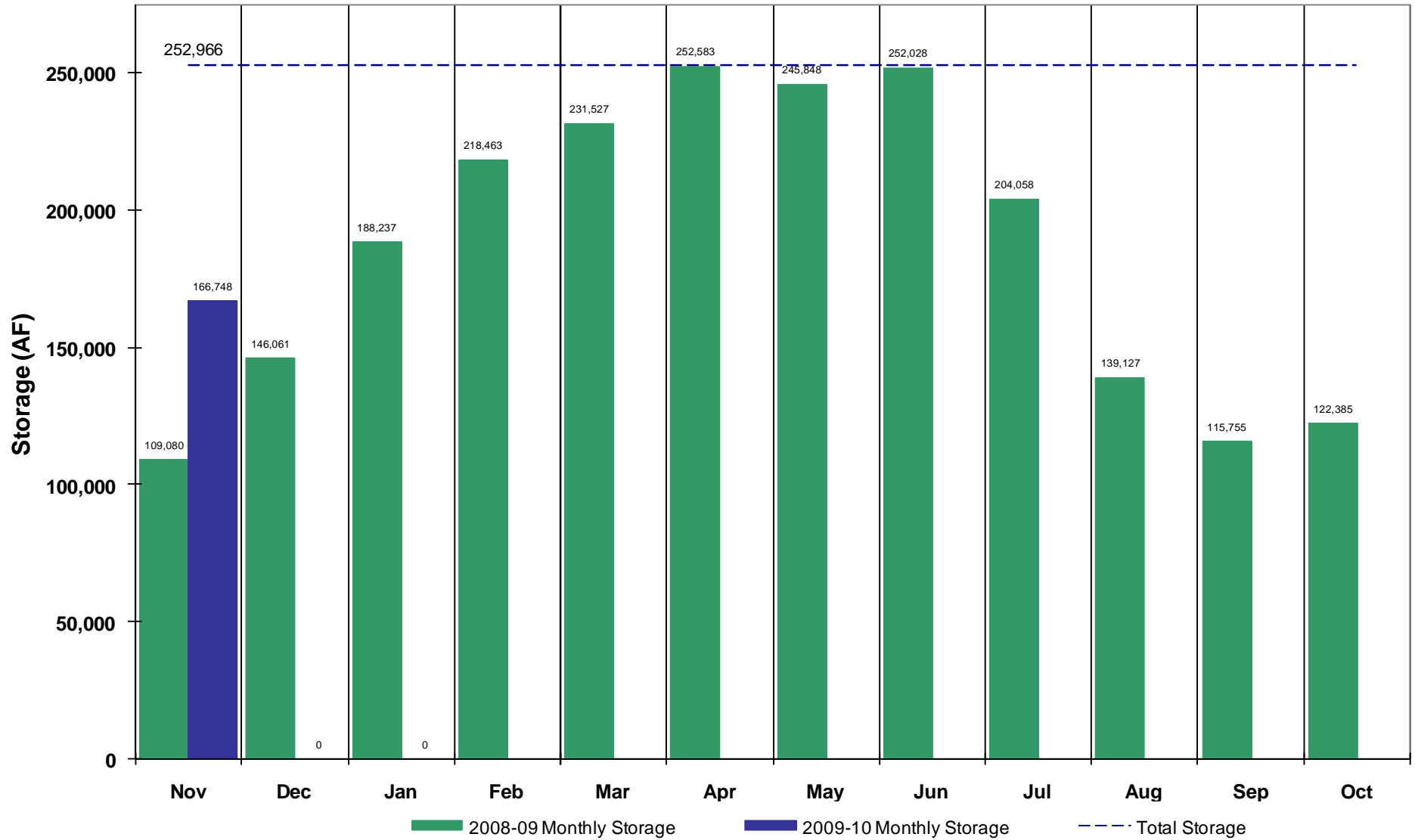
Reservoir Storage below Kersey

Selected Reservoirs*



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

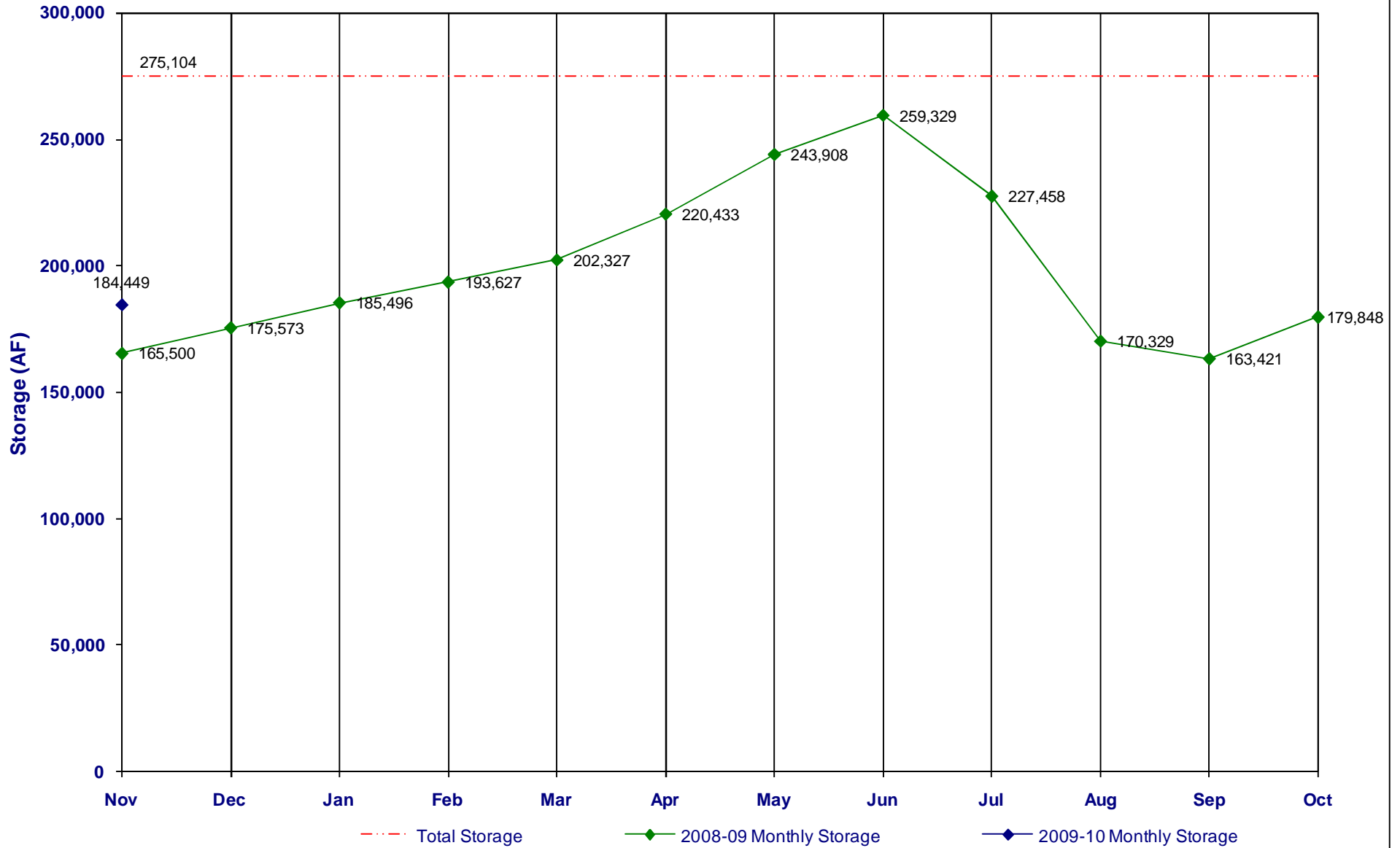
South Platte Reservoirs Storage below Kersey*



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

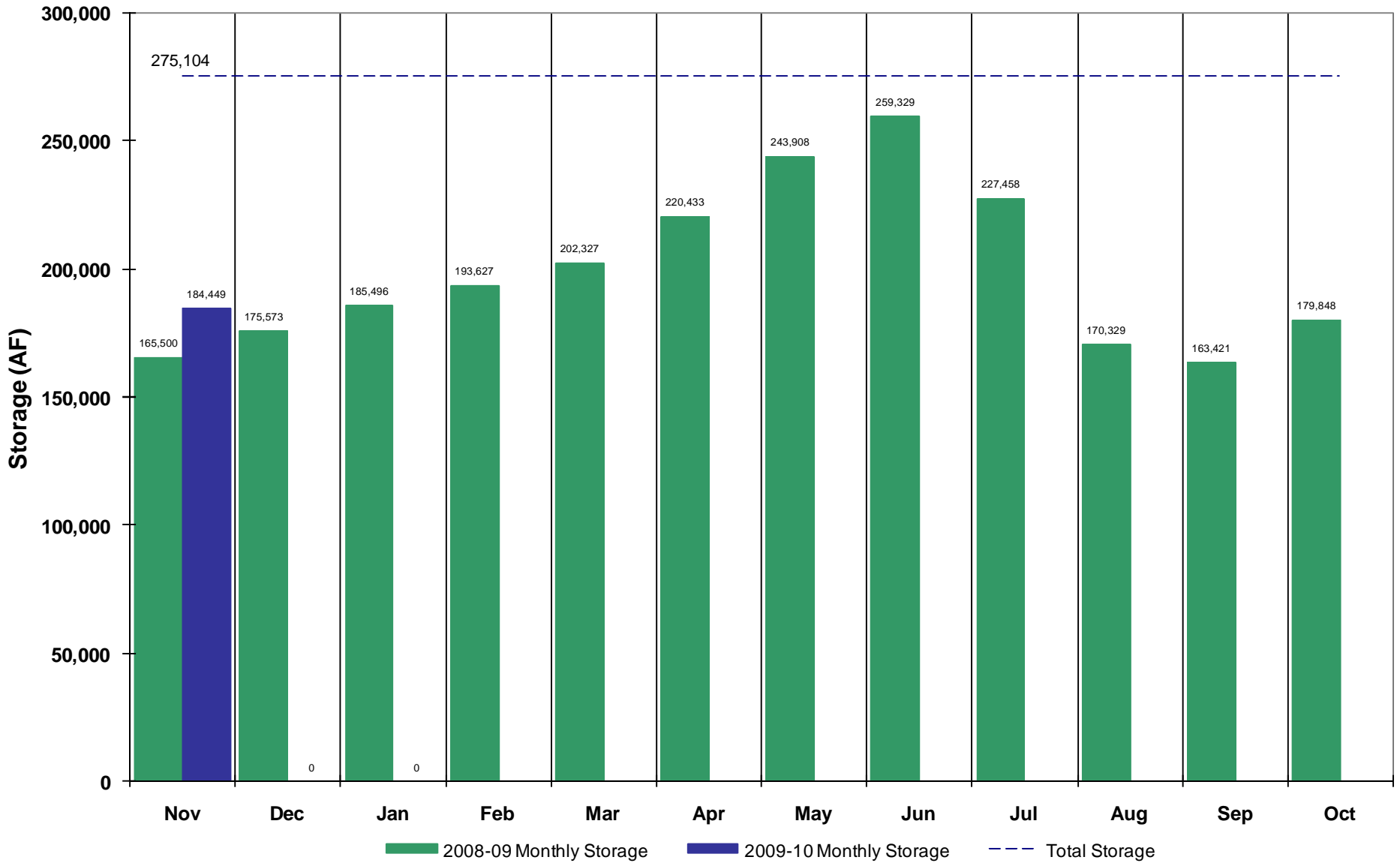
Reservoir Storage above Kersey

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

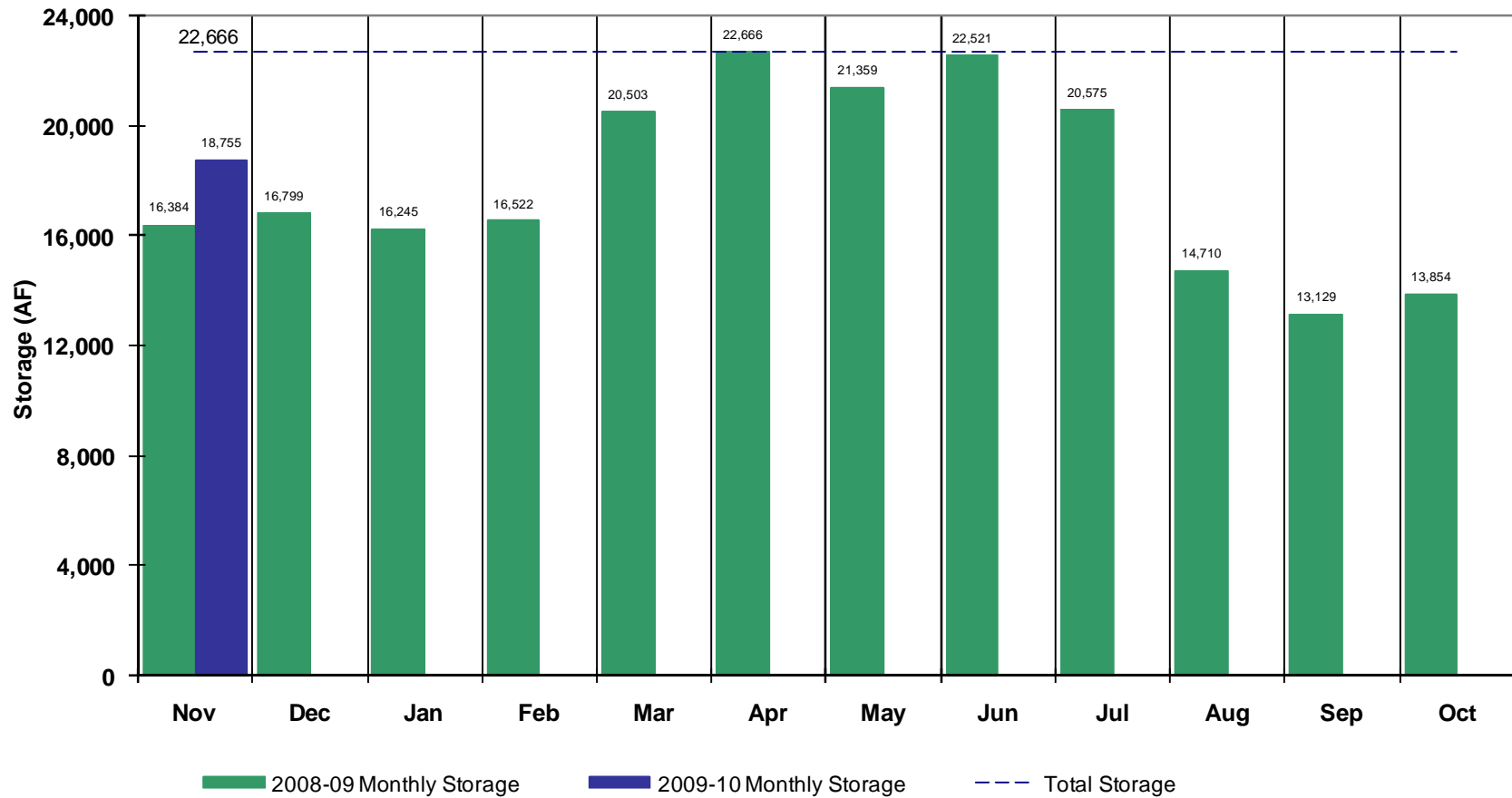
Individual Reservoir Storage Follows



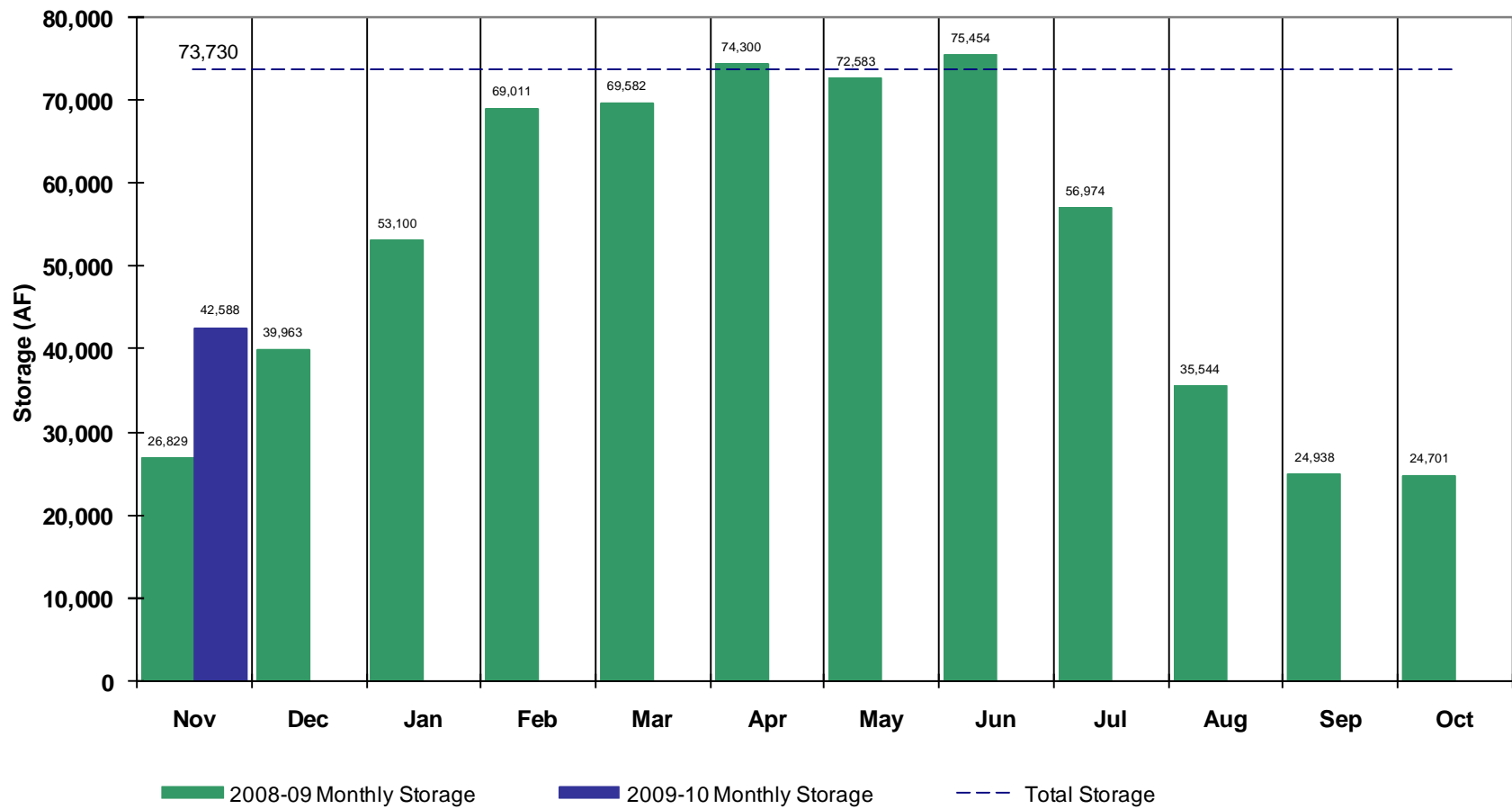
Tarryall Dam
(Photo by Garver Brown)

Julesburg Reservoir

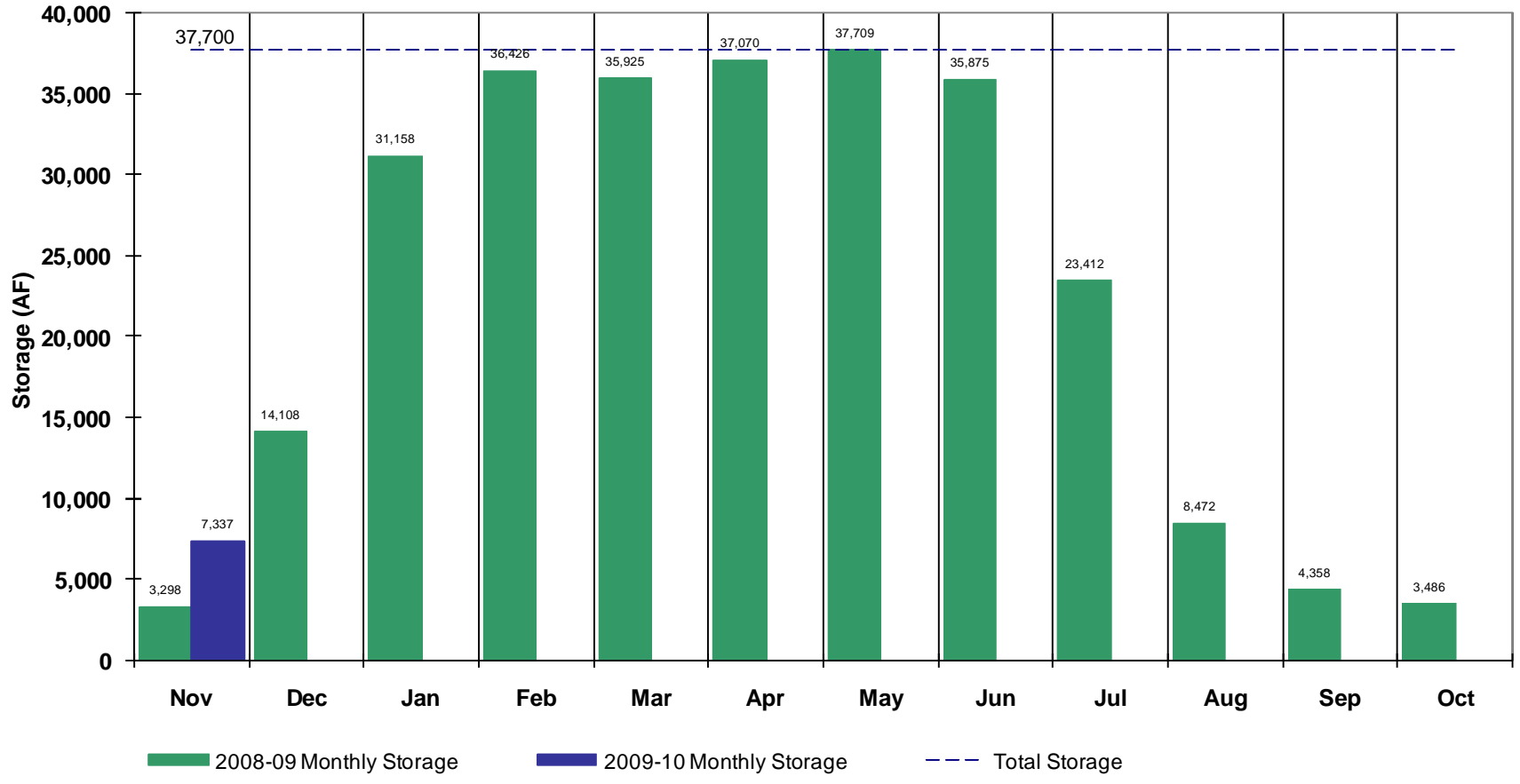
(District 64 - Agricultural)



North Sterling Reservoir (District 64- Agricultural)

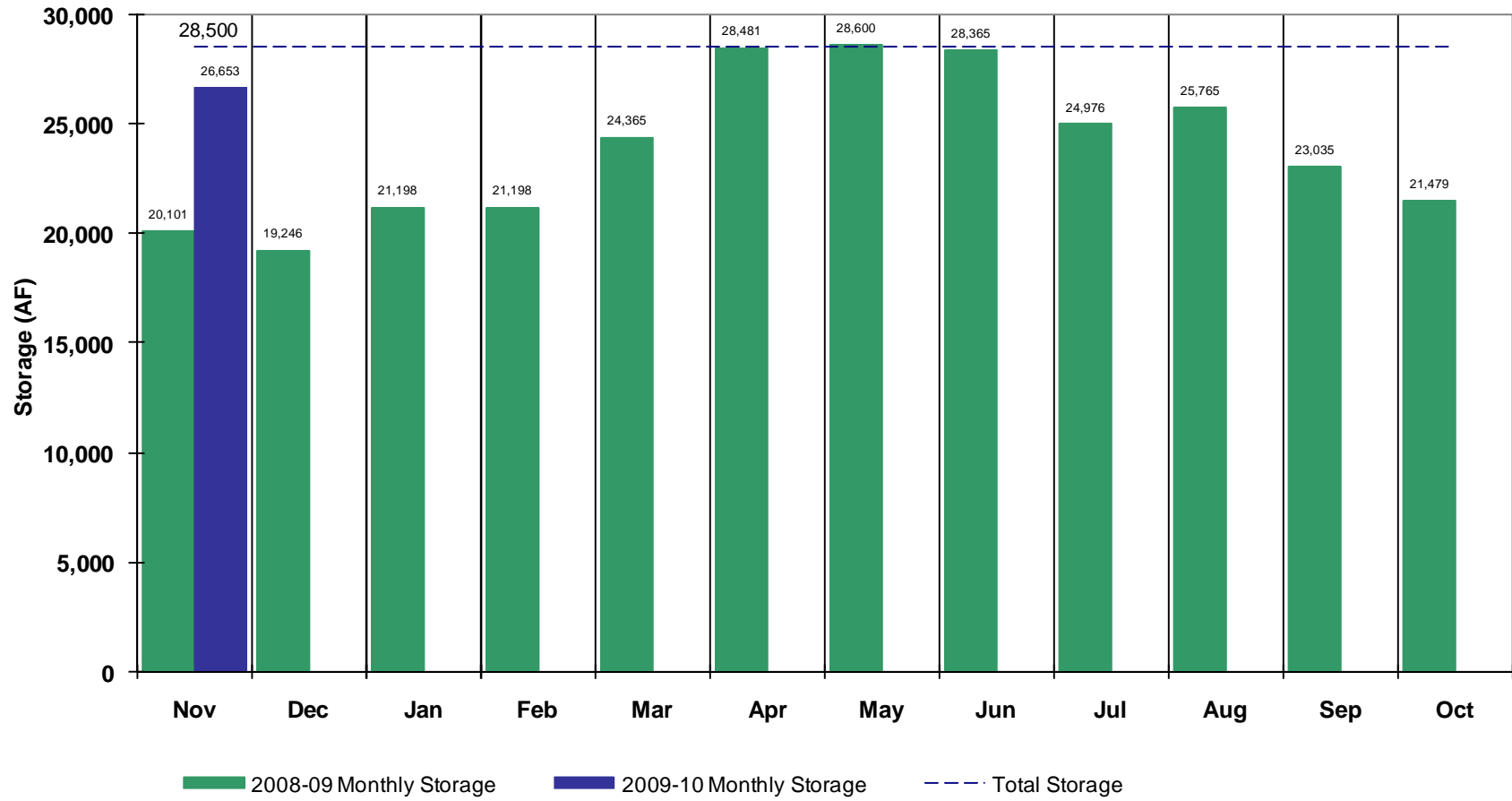


Empire Reservoir (District 1- Agricultural)

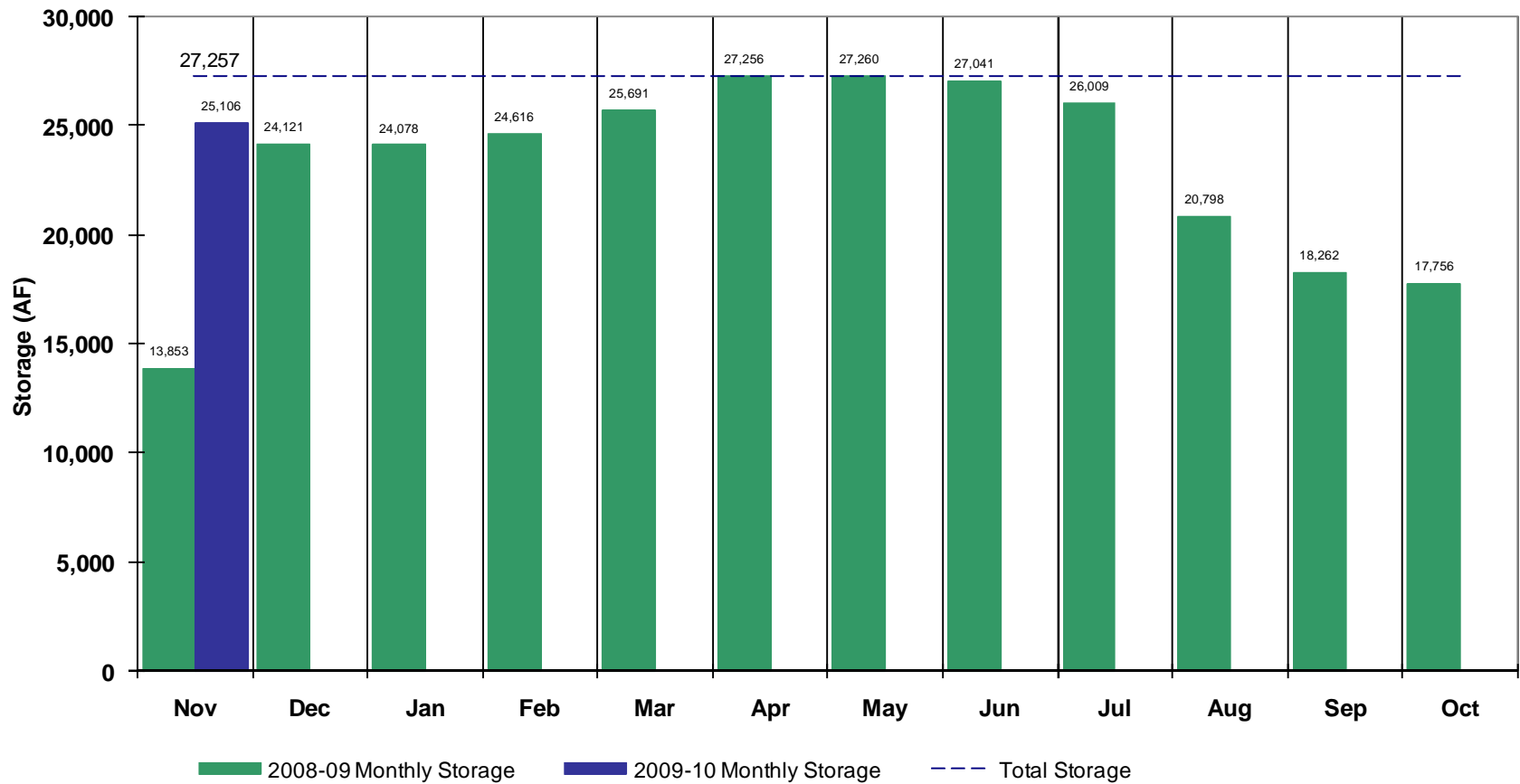


Prewitt Reservoir

(District 64- Agricultural)

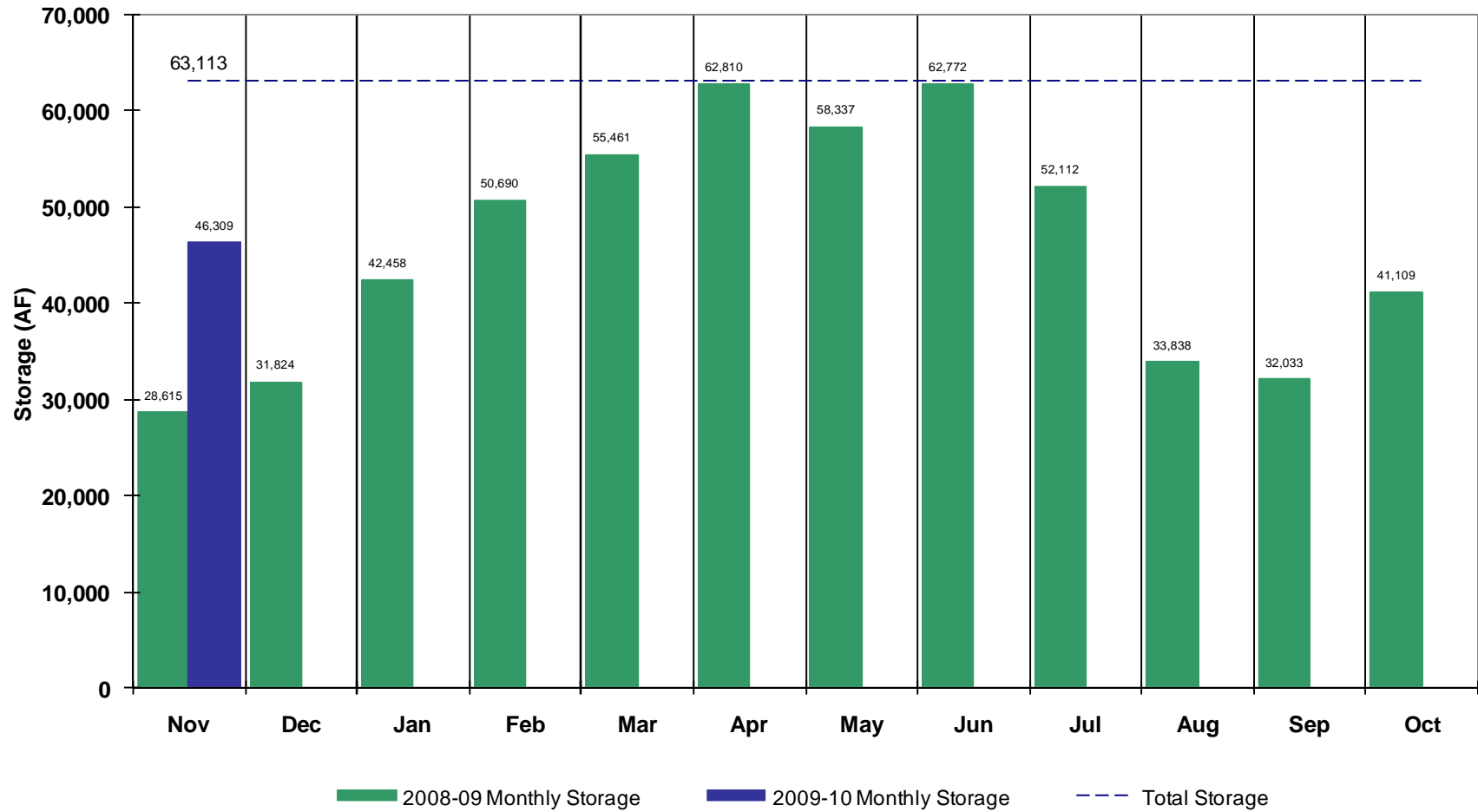


Jackson Reservoir (District 1- Agricultural)



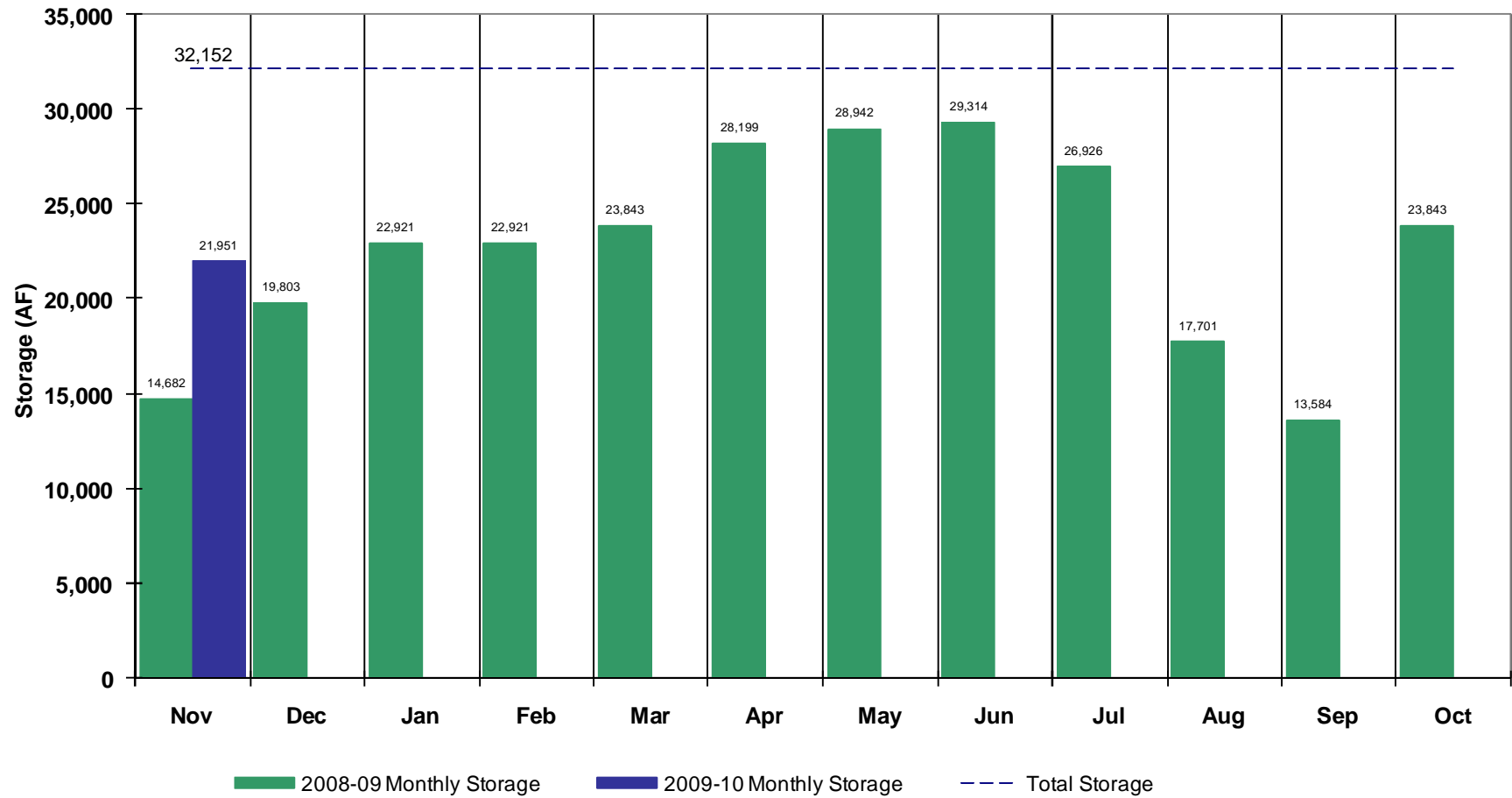
Riverside Reservoir

(District 1 - Agricultural)



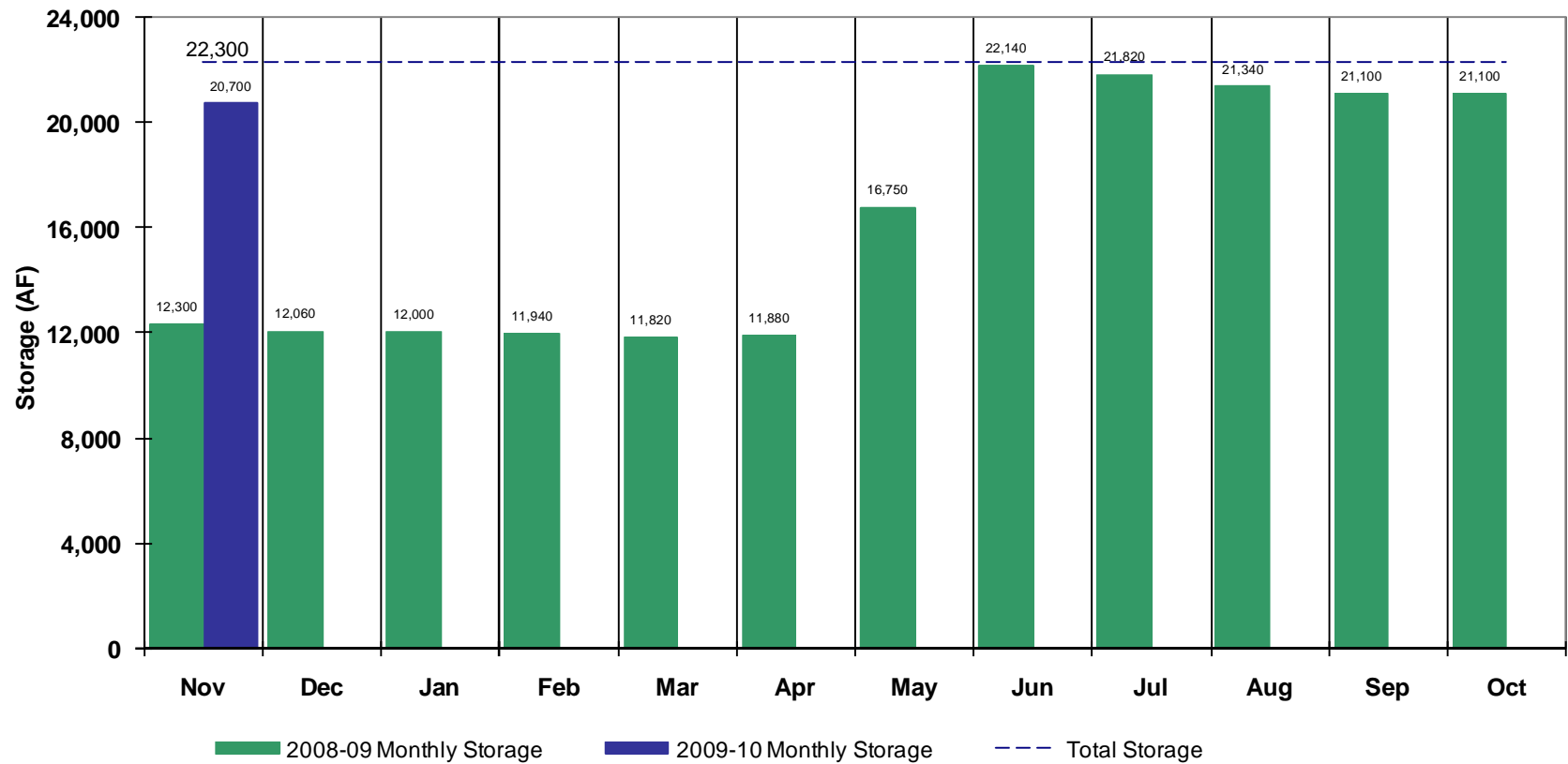
Barr Lake

(District 2 - Agricultural)



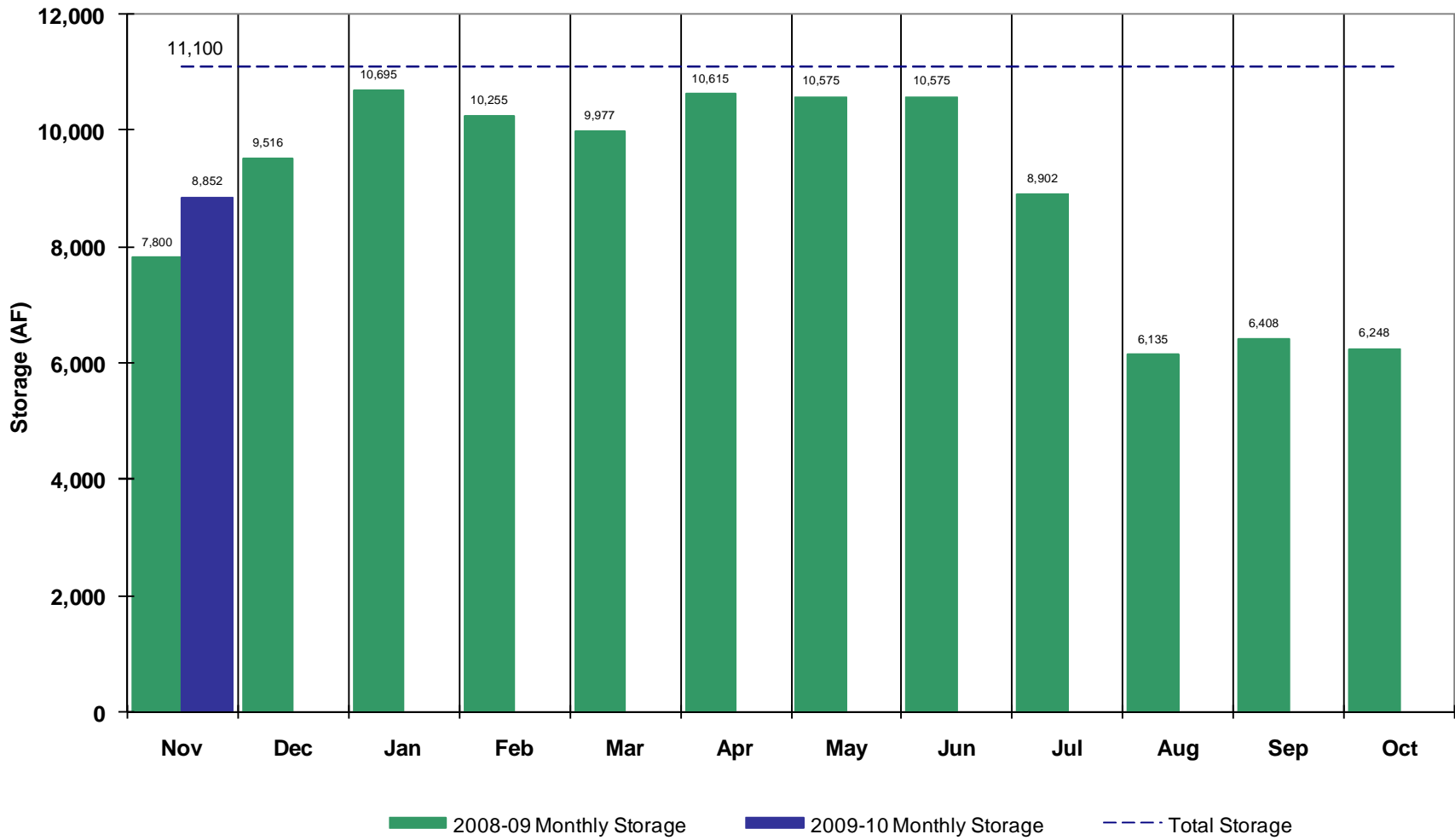
Cobb Lake

(District 3, Poudre River - Agricultural)



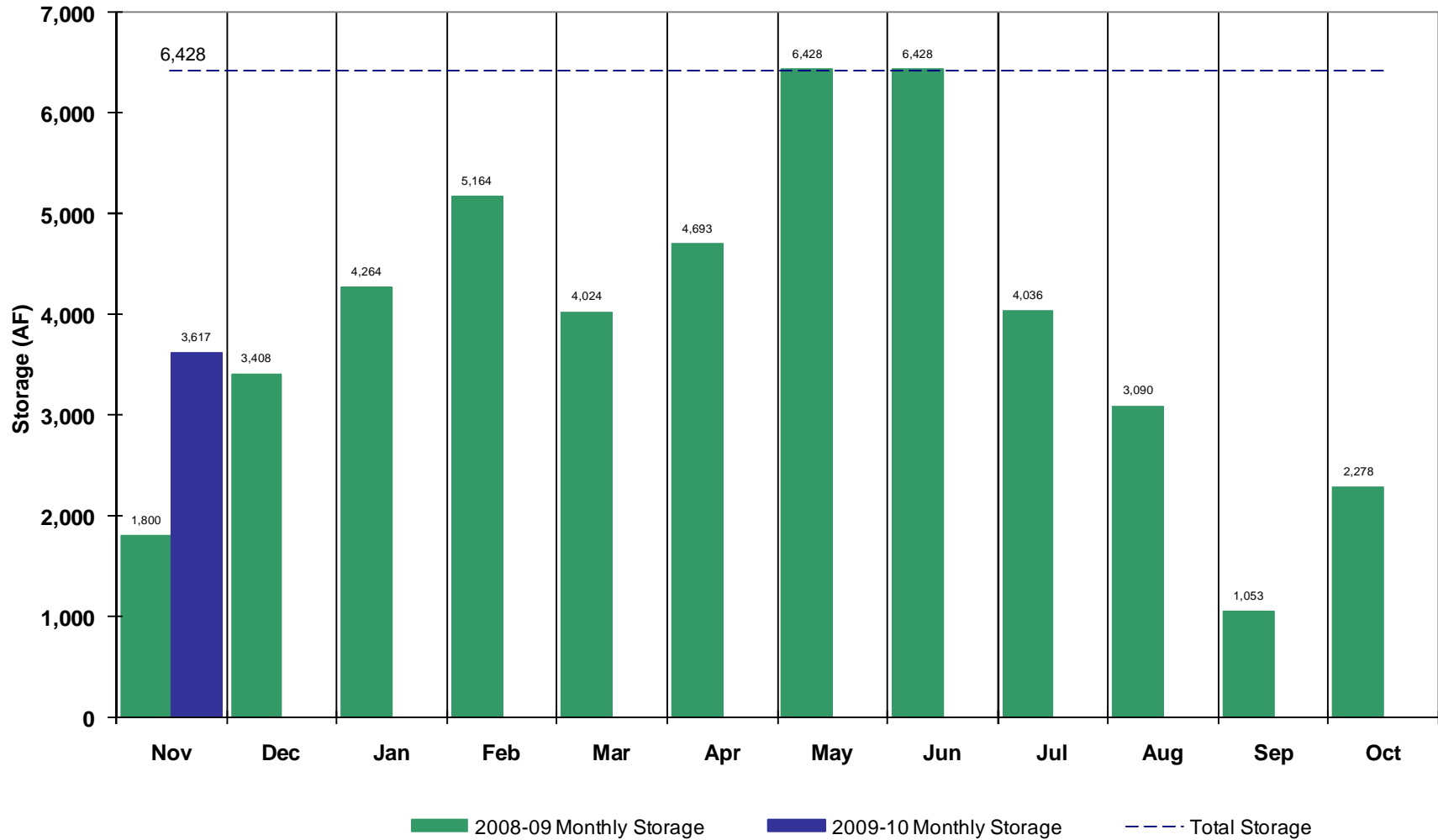
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



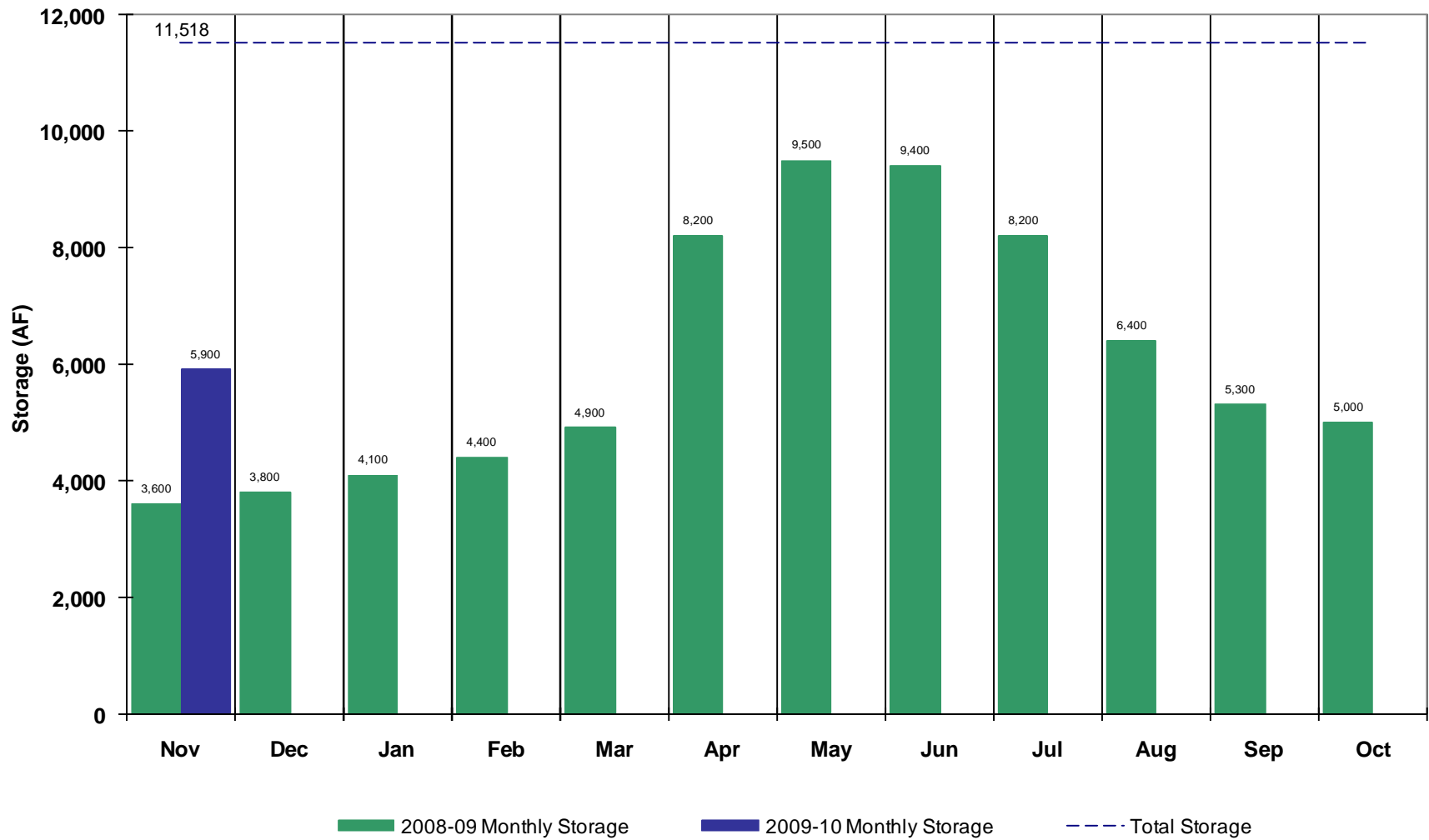
Halligan Reservoir

(District 3, Poudre River - Agricultural)



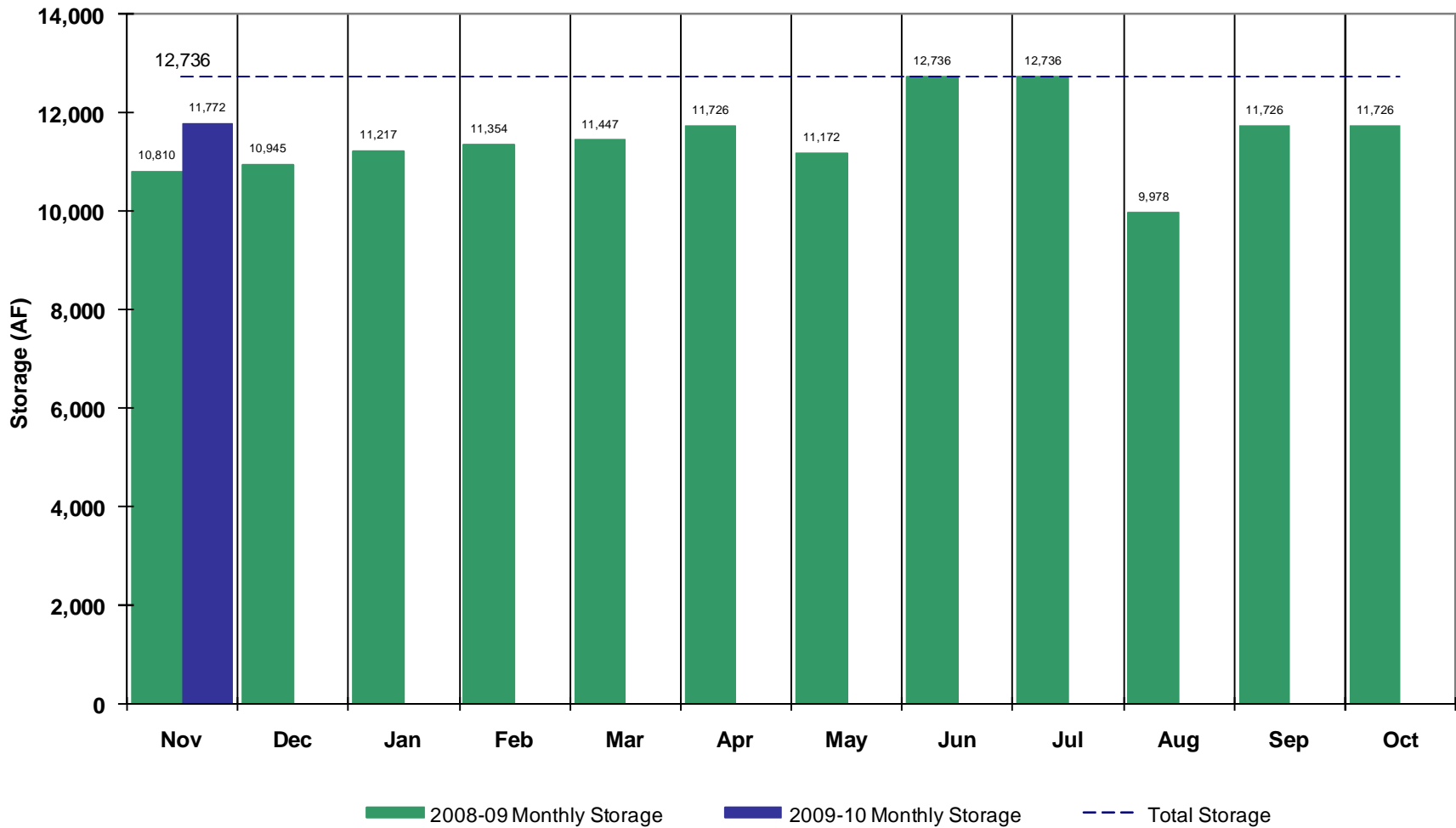
Marshall Lake

(District 6, Boulder Creek - Agricultural)



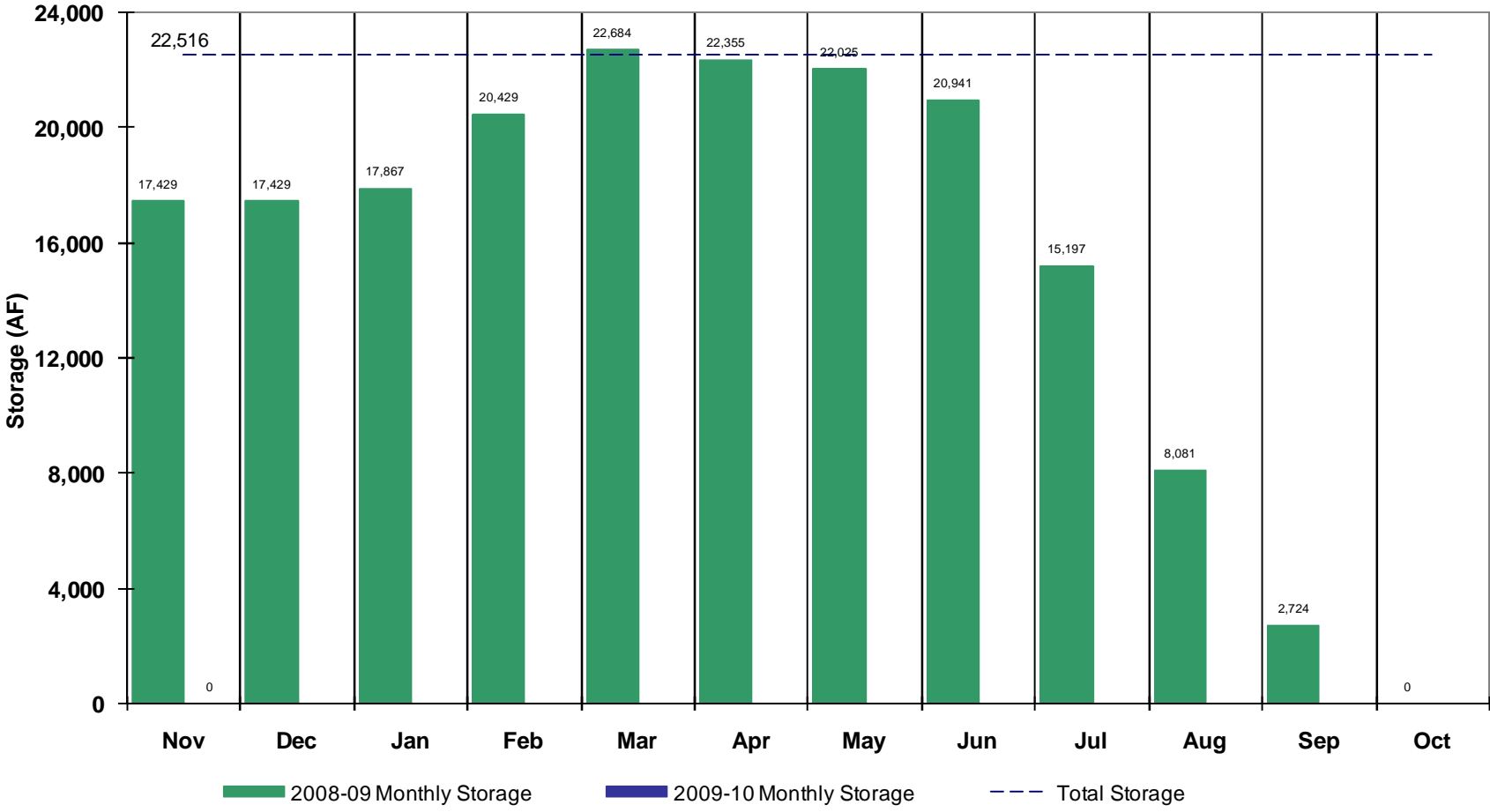
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



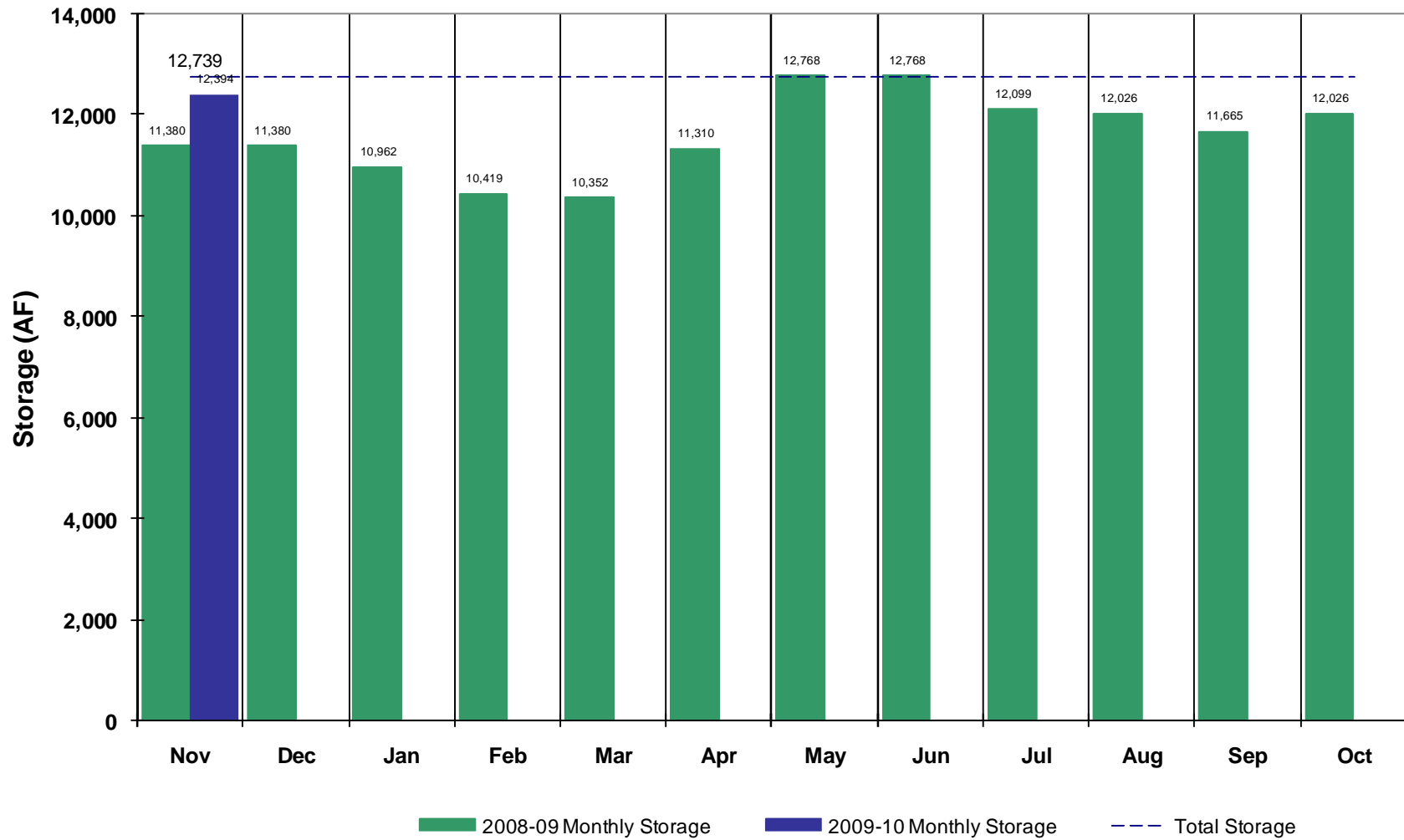
Milton Reservoir

(District 2 - Agricultural)

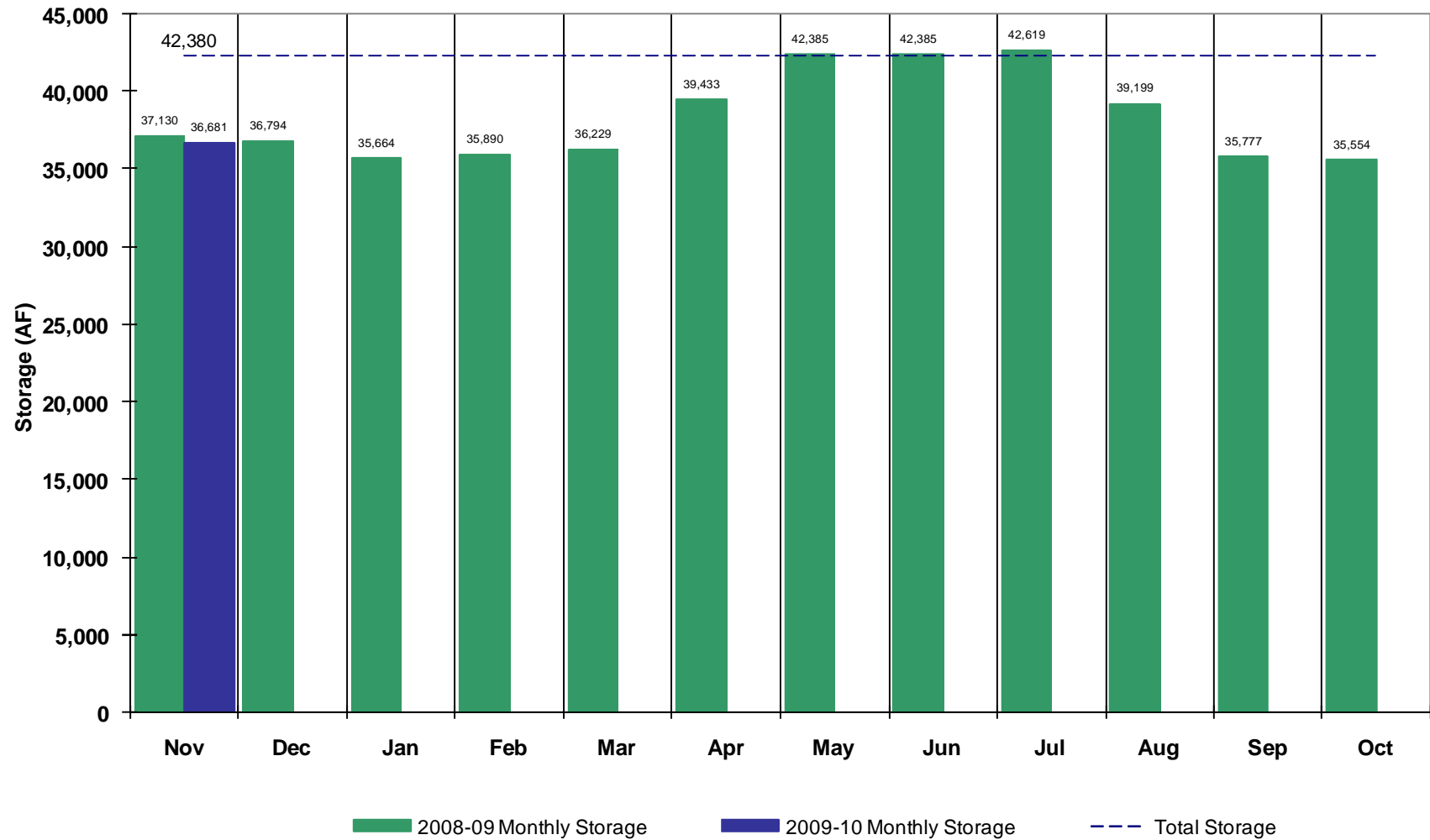


Union Reservoir

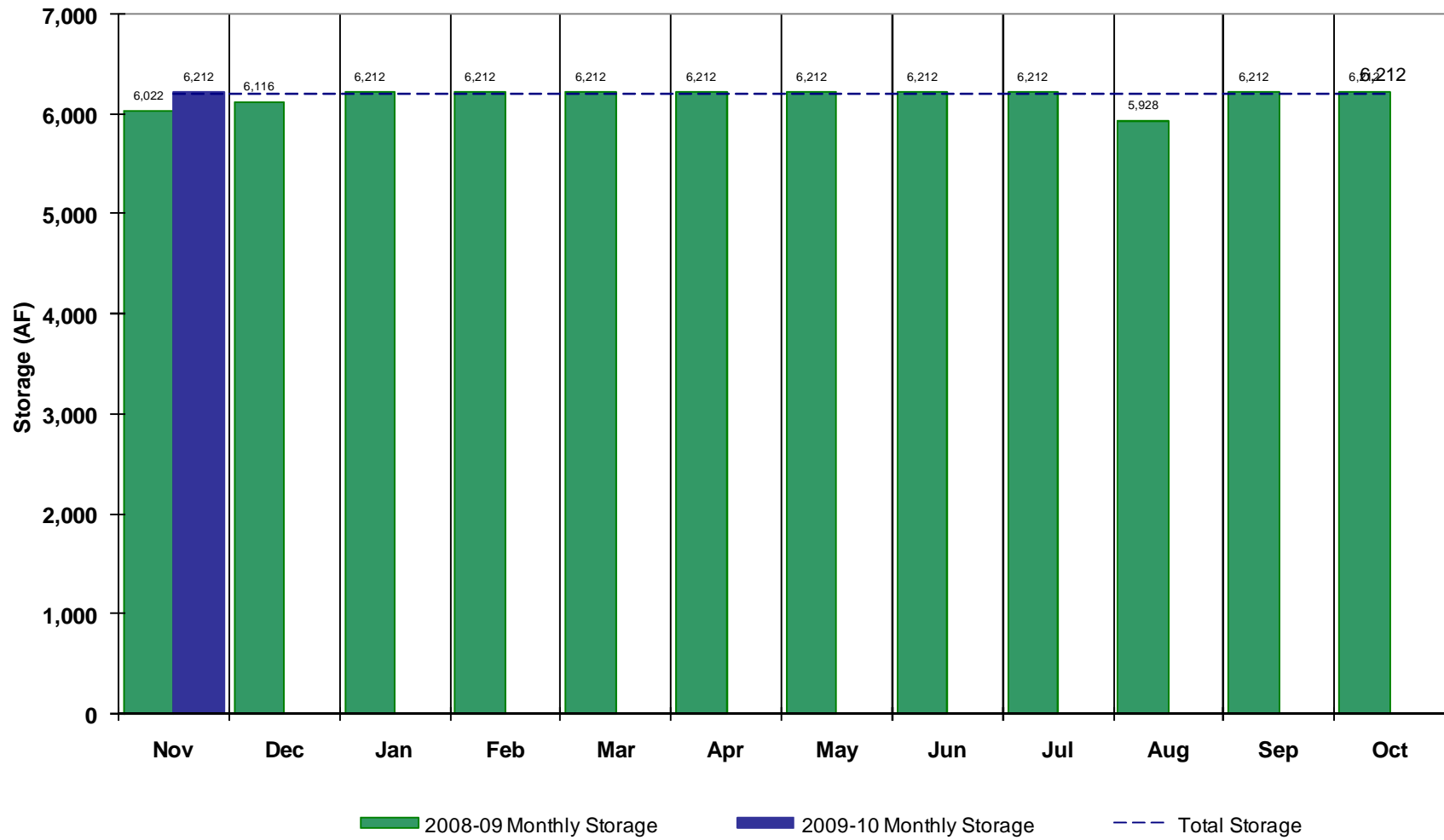
(District 5, St. Vrain Creek - Agricultural)



Standley Lake (Agricultural)

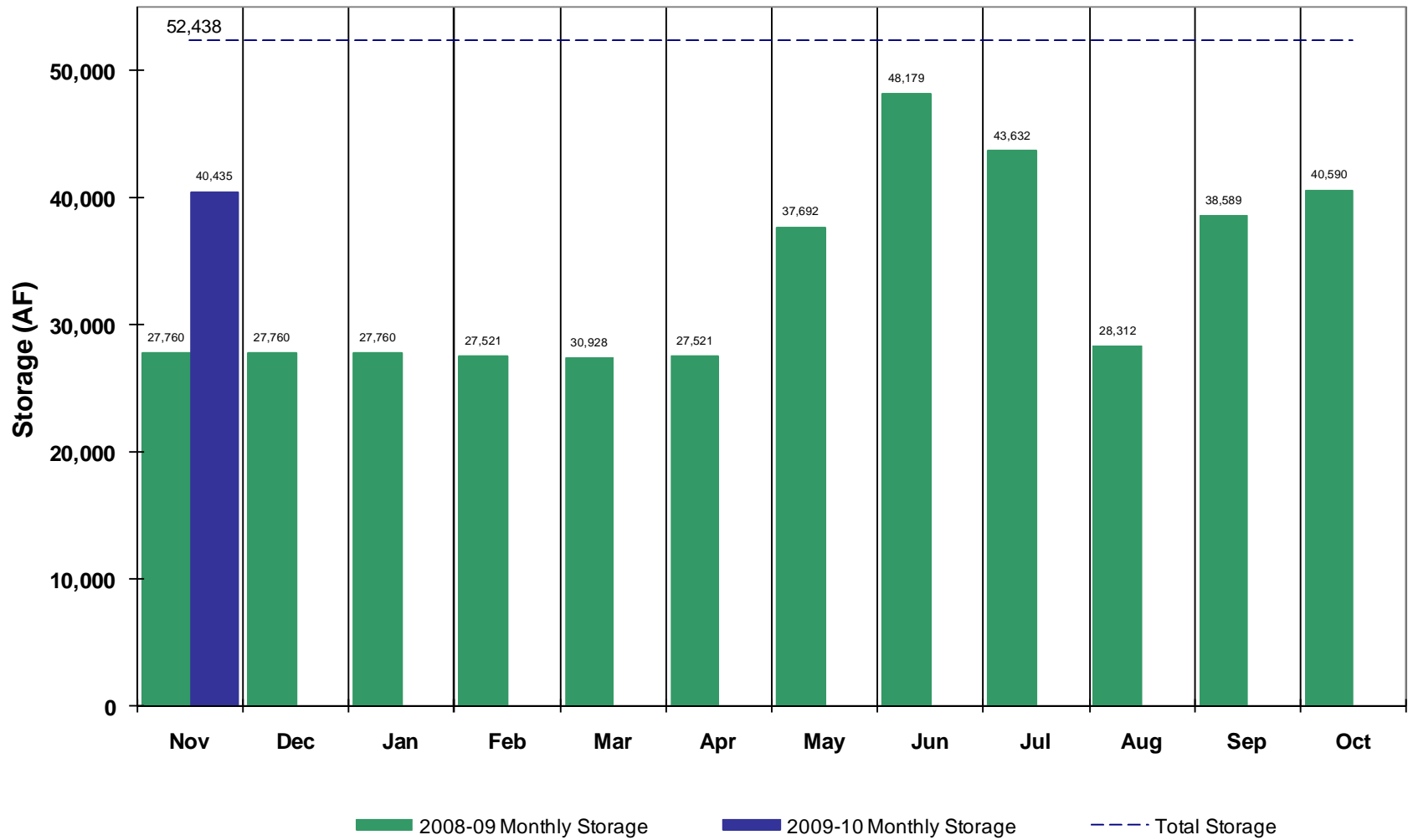


Lower Latham Reservoir (District 2 - Agricultural)



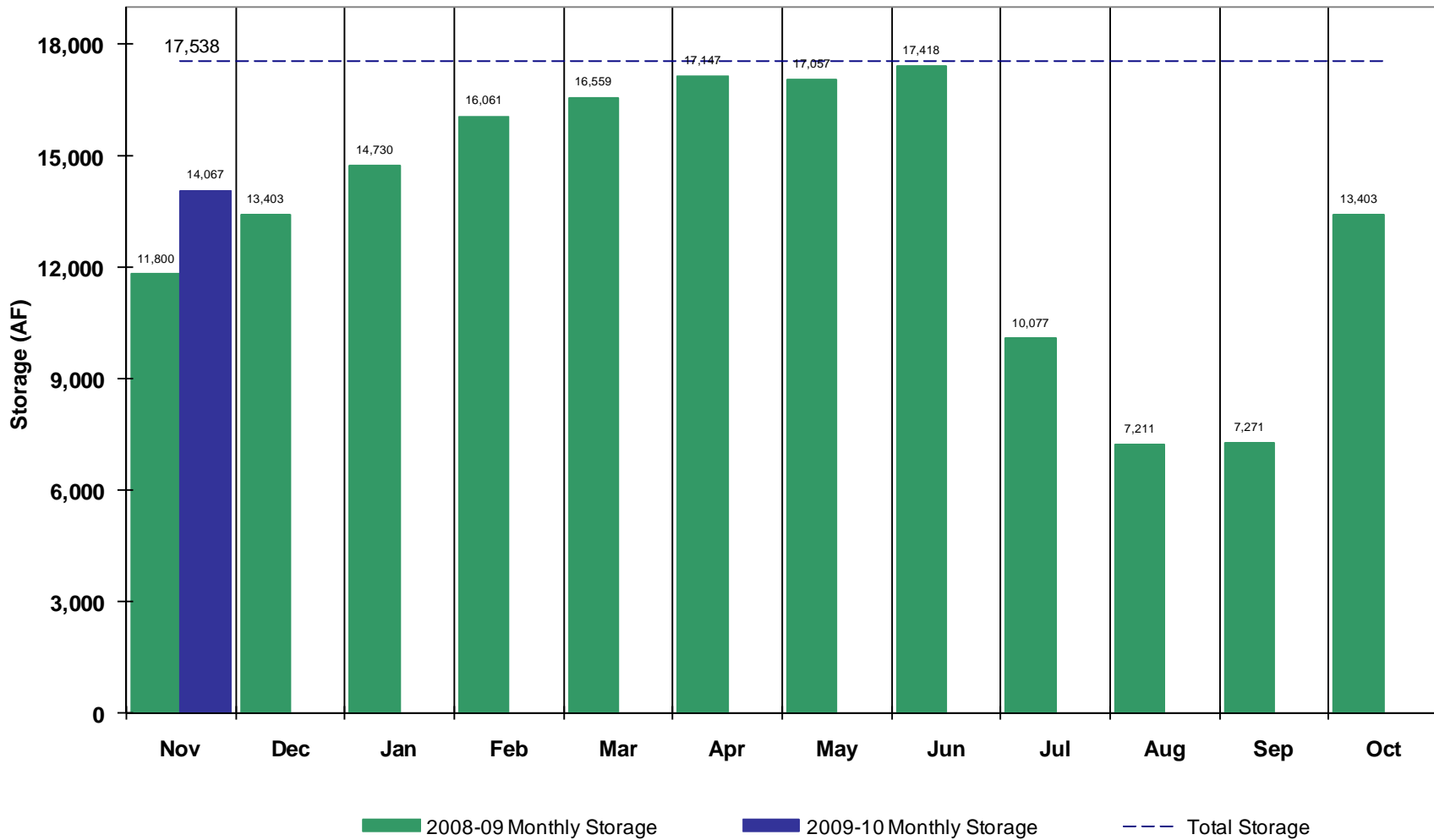
Boyd Lake

(District 4, Big Thompson River - Agricultural)

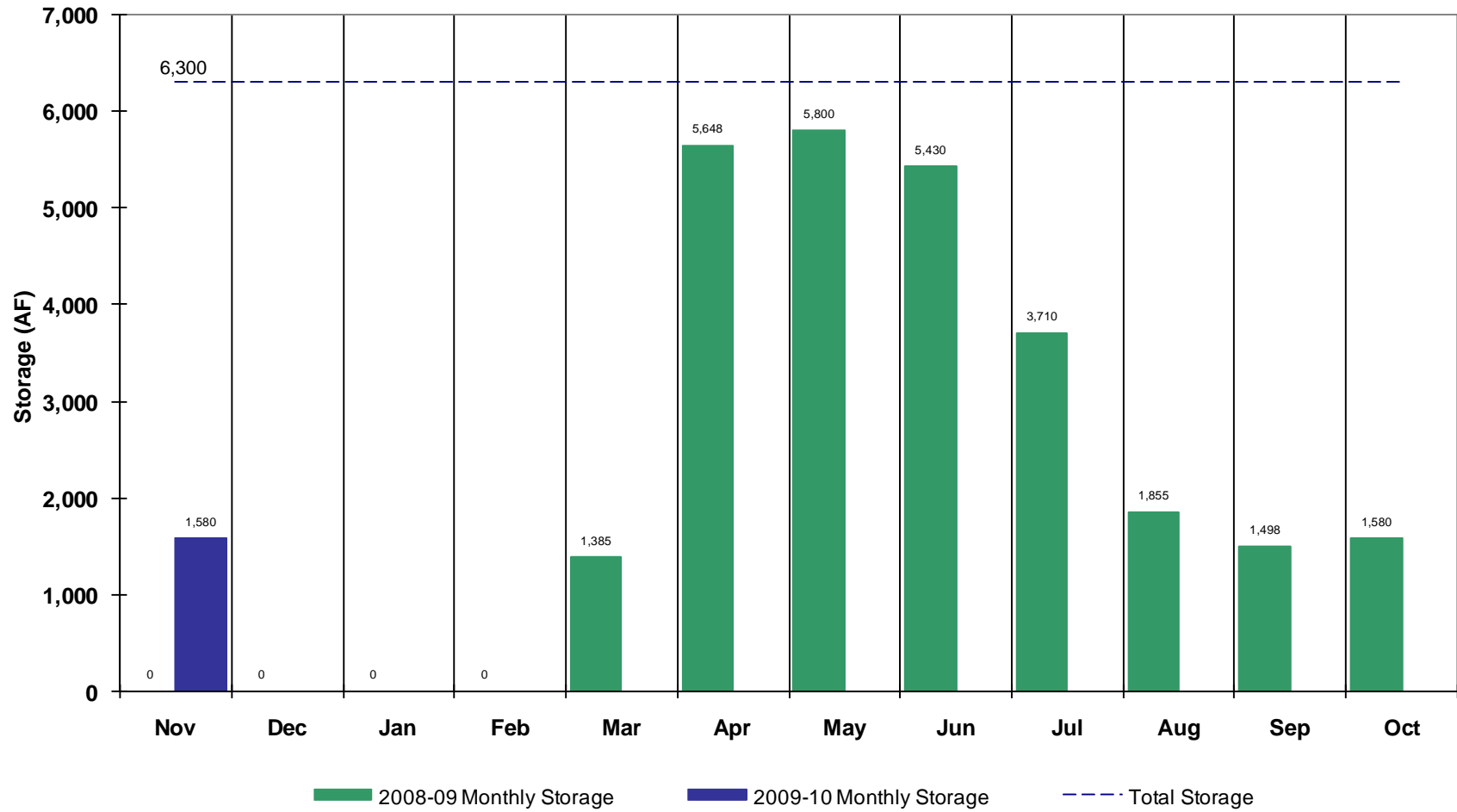


Windsor Reservoir

(District 3, Poudre River - Agricultural)

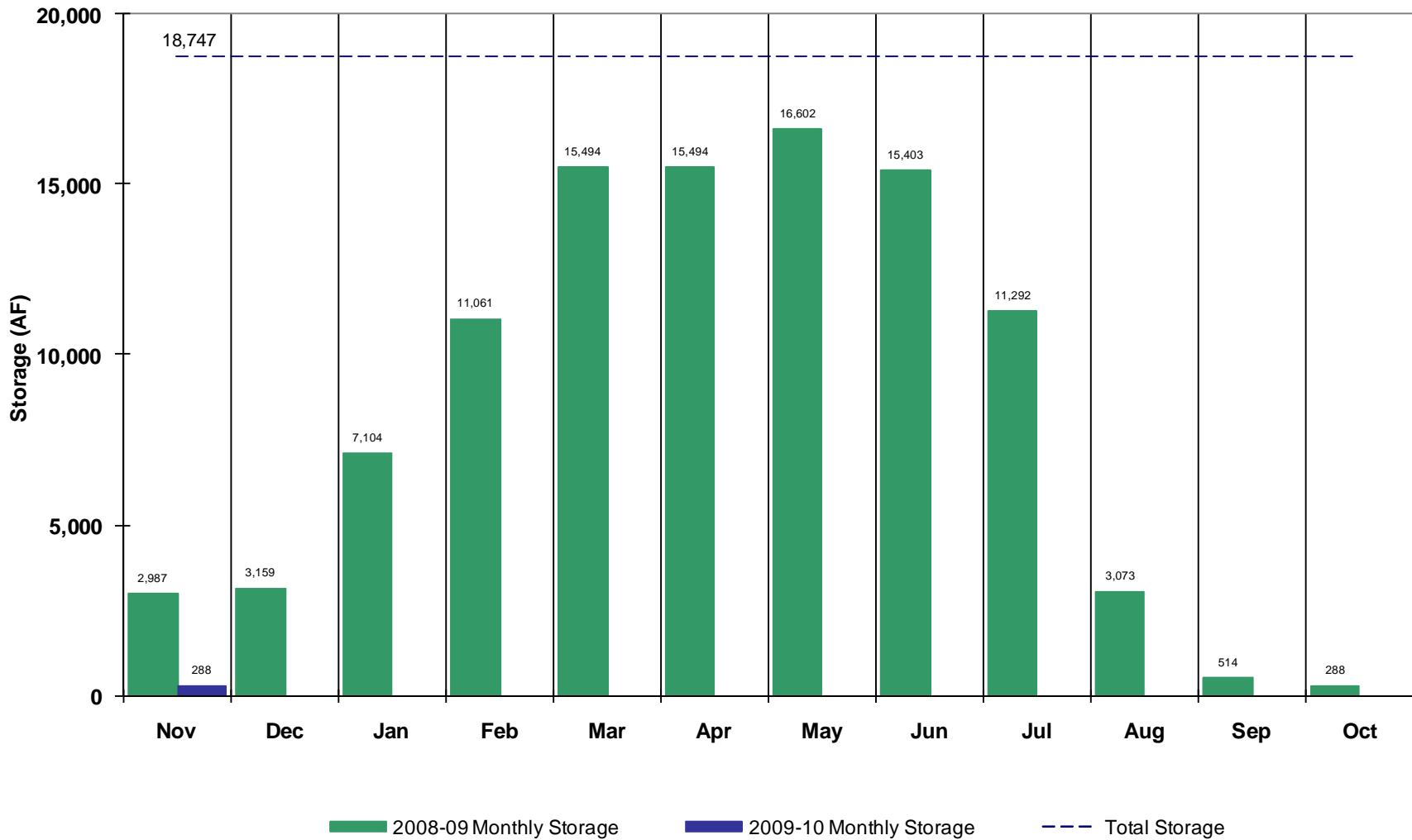


Prospect Reservoir (District 1- Agricultural)

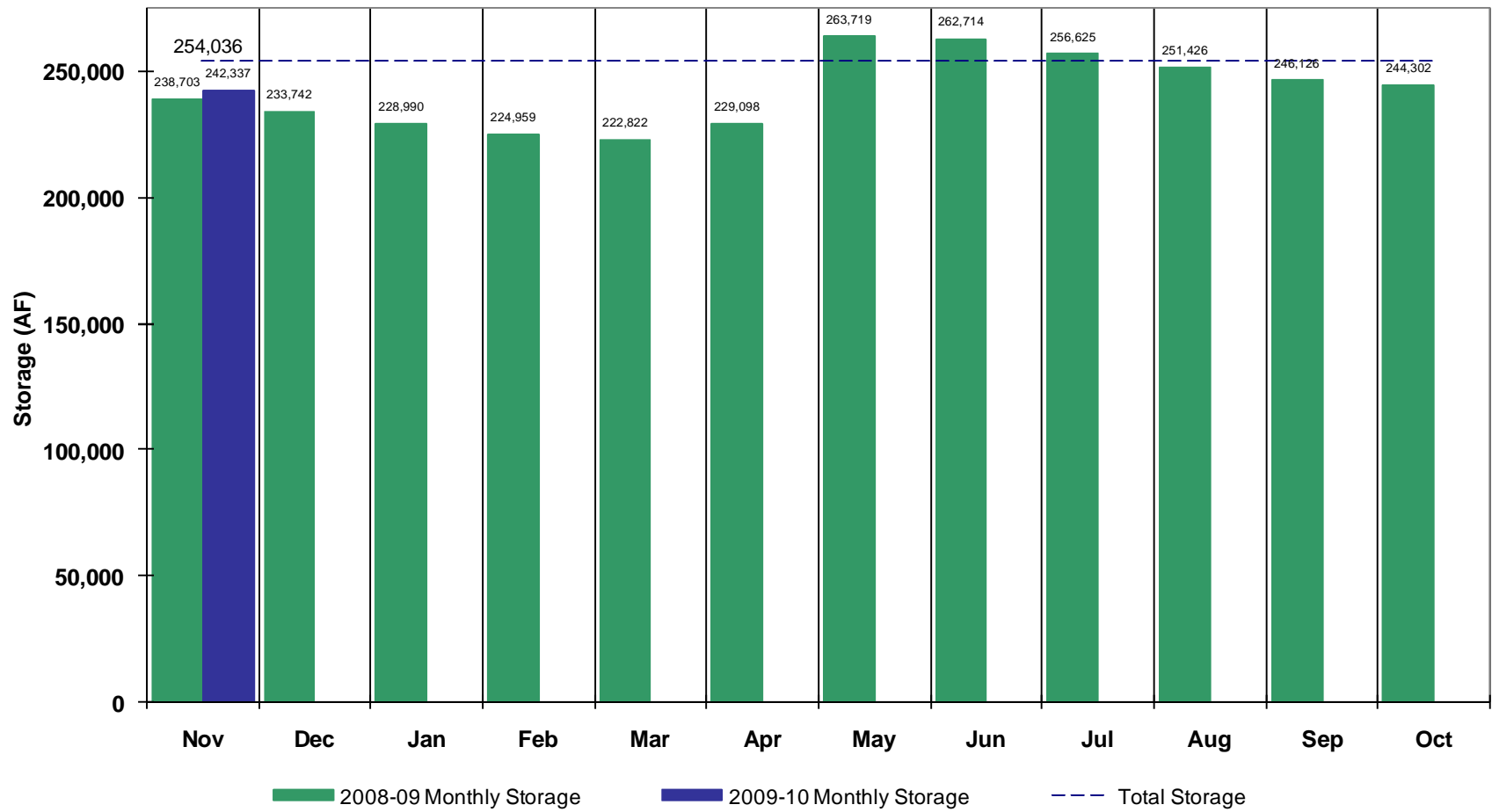


Horse Creek Reservoir

(District 1 - Agricultural)

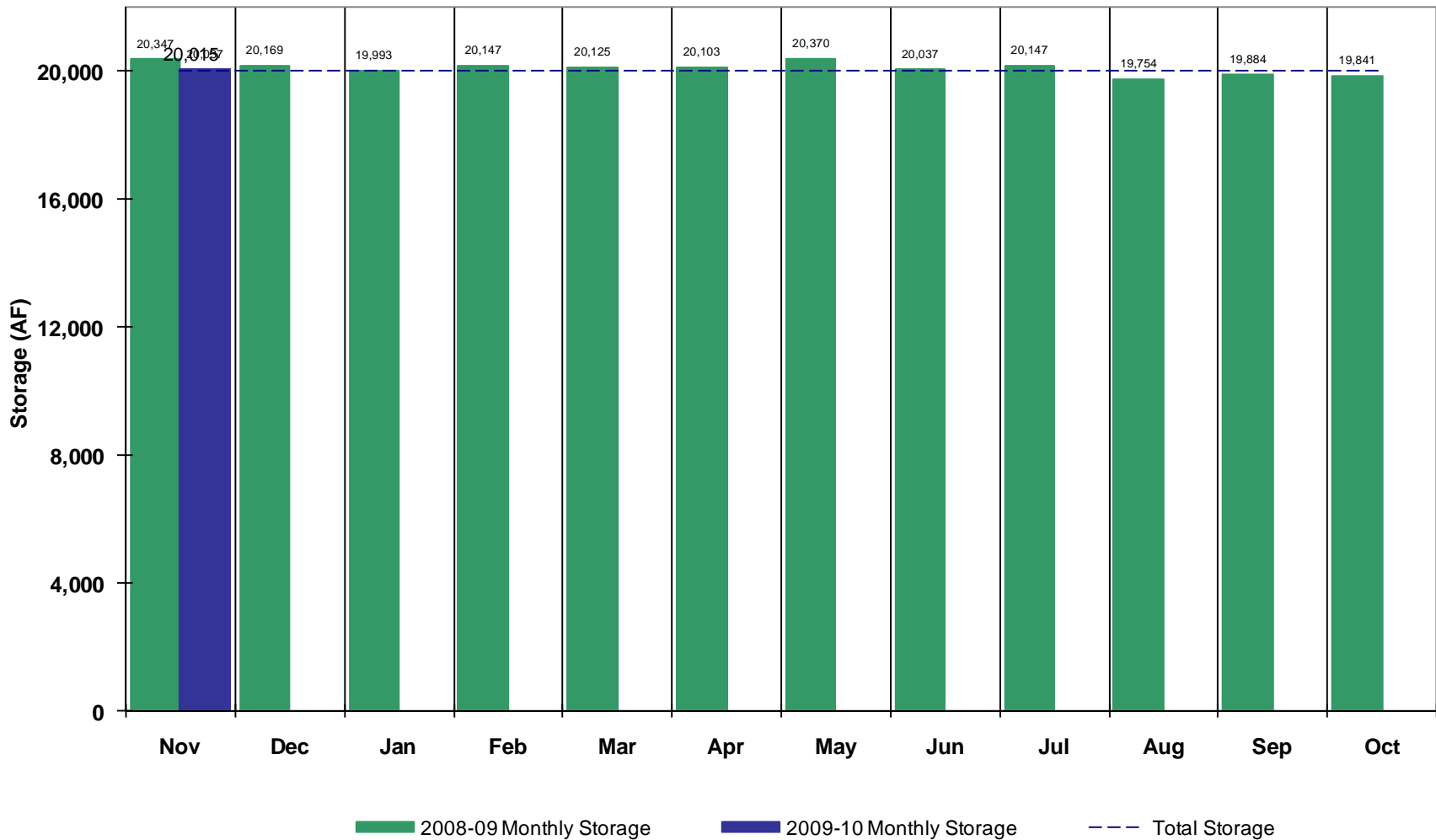


Dillon Reservoir (Municipal)



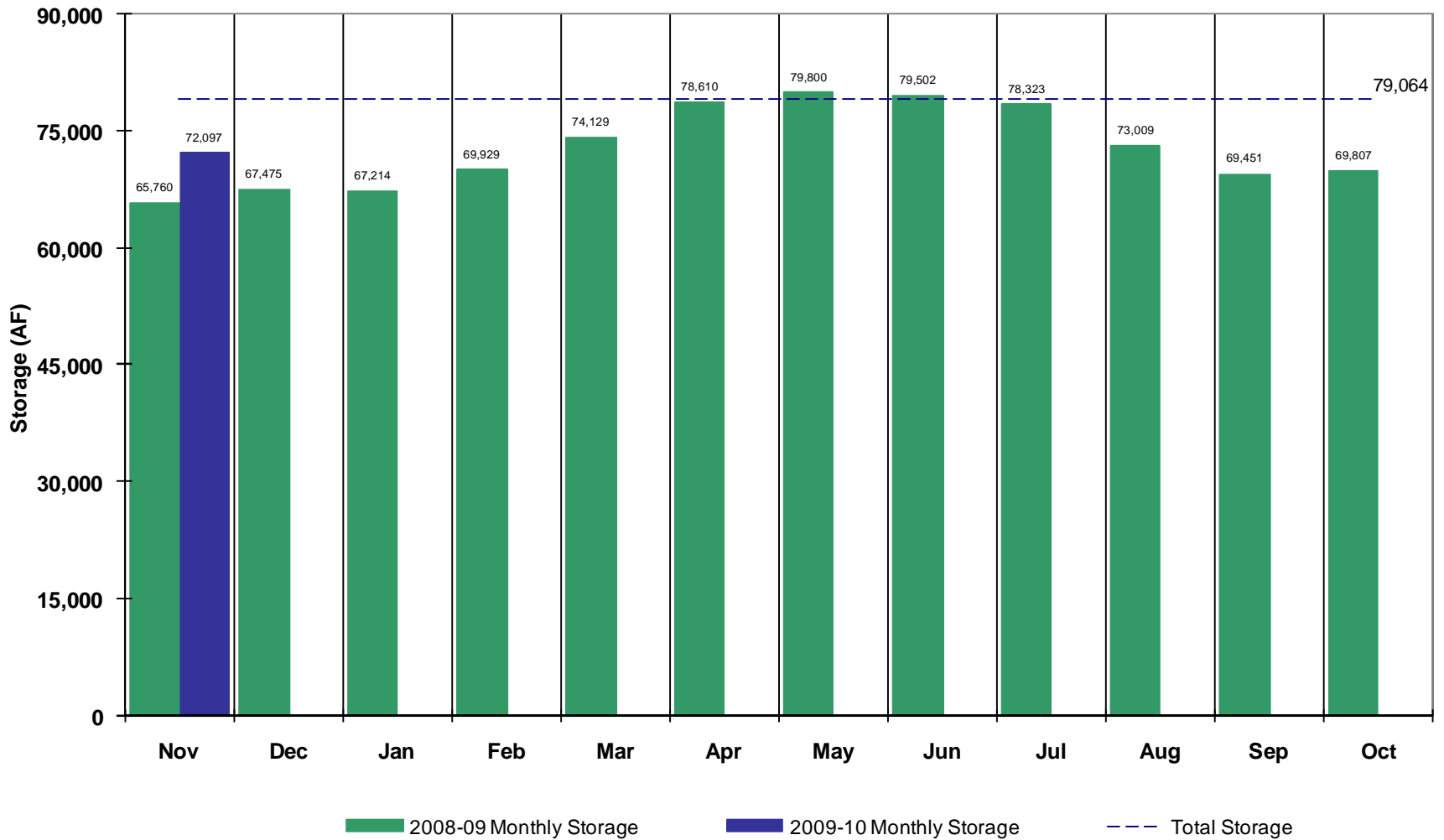
Antero Reservoir

(District 23 - Municipal)



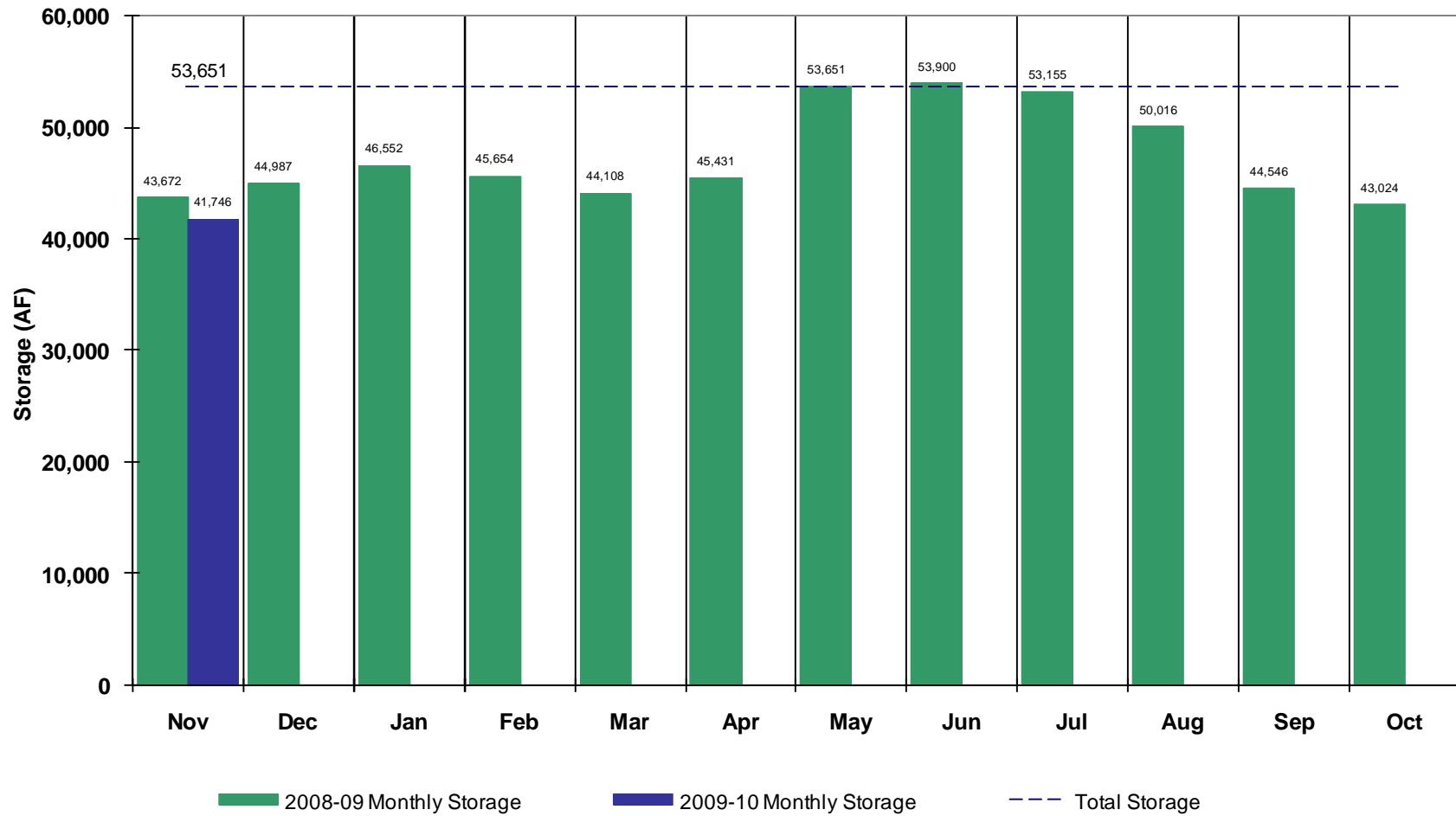
Cheesman Reservoir

(District 80 - Municipal)



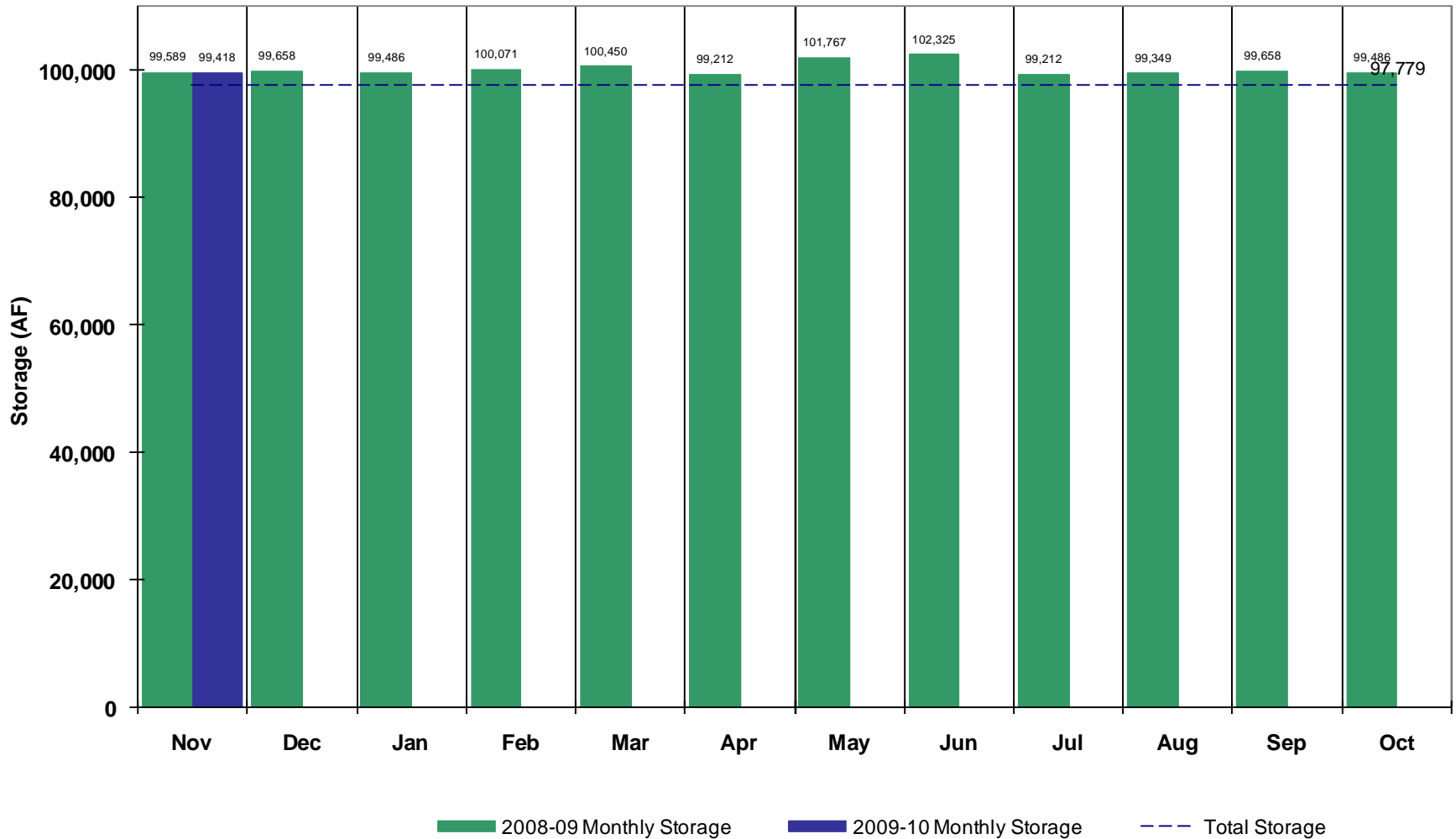
Spinney Mountain Reservoir

(District 23 - Municipal)

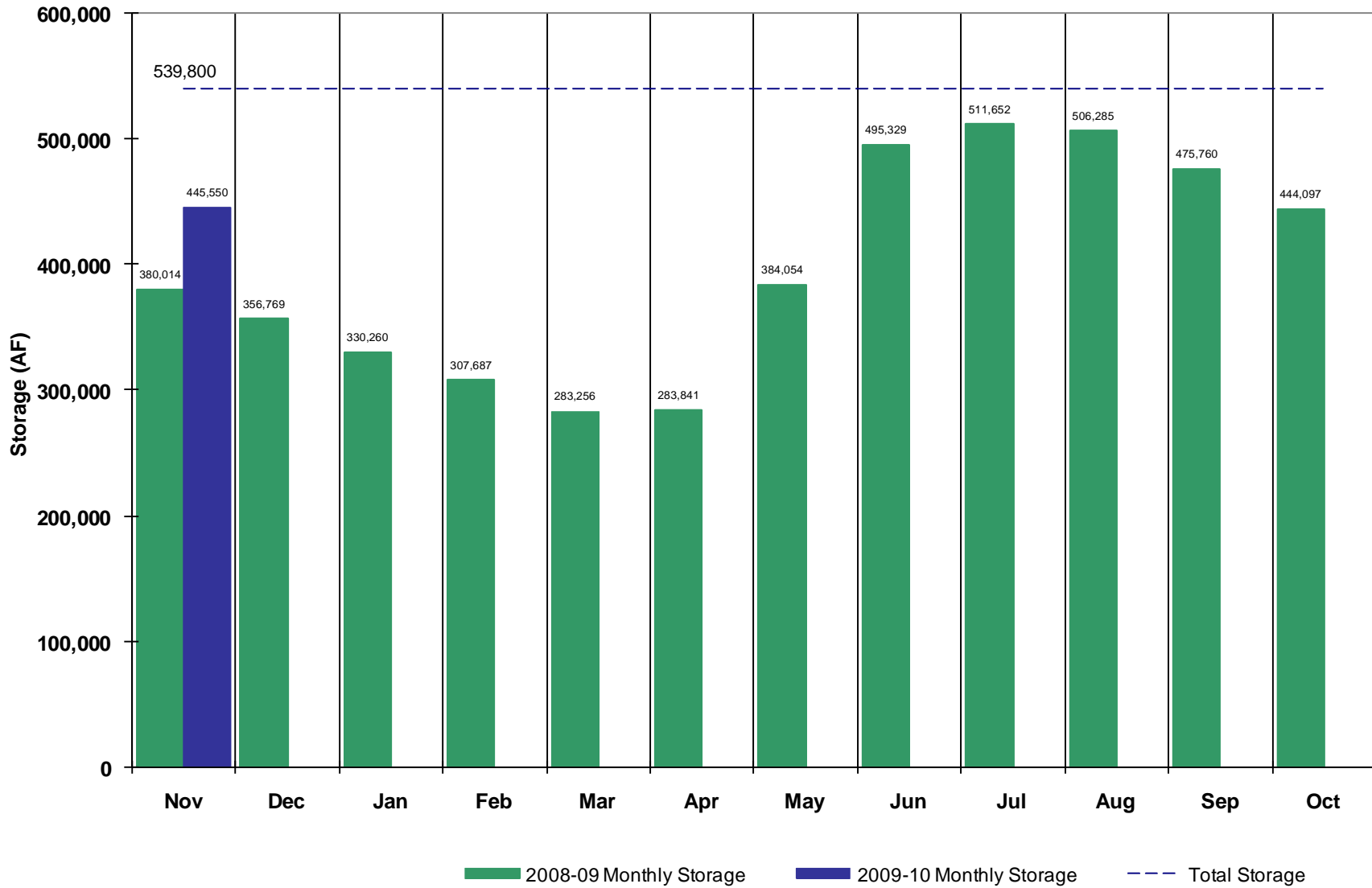


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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



**Flume / SDR Installation inside Dauntless Portal
(Photo by Garver Brown)**