

South Platte Summary

NOVEMBER 2010



Compiled by Lee Cuning, P.E.



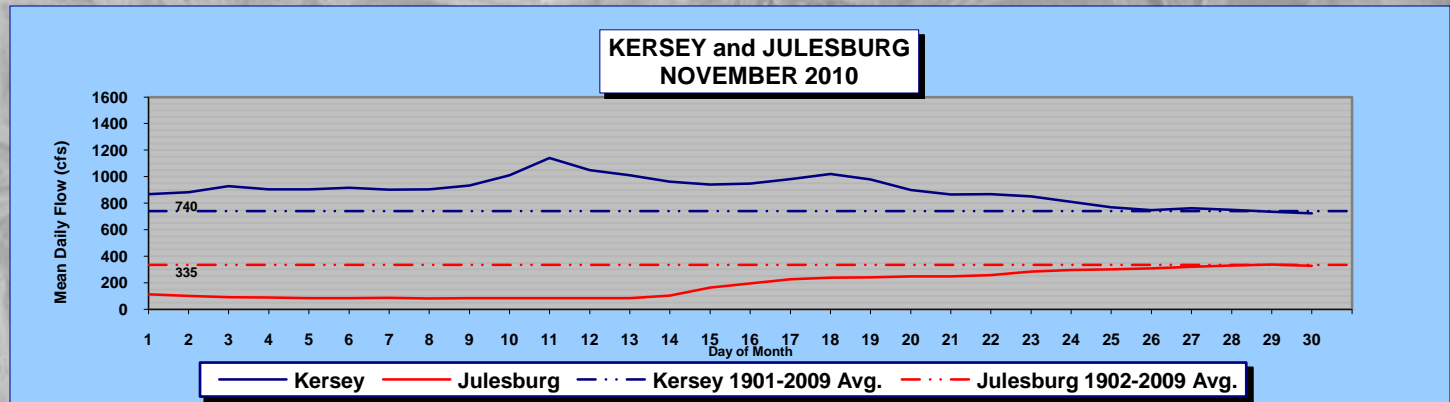
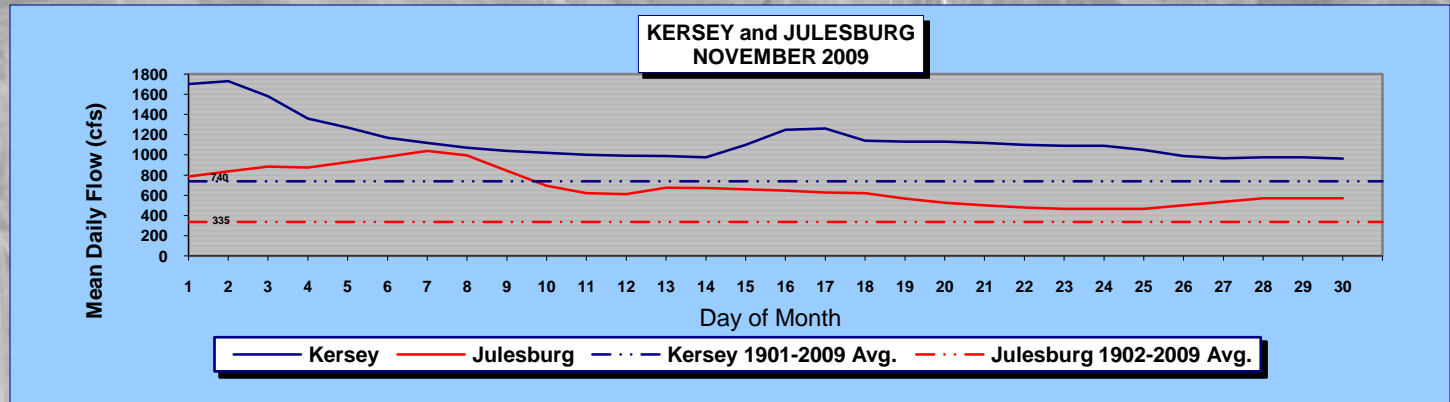
South Platte River at Kersey
Photo By Jason Smith

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

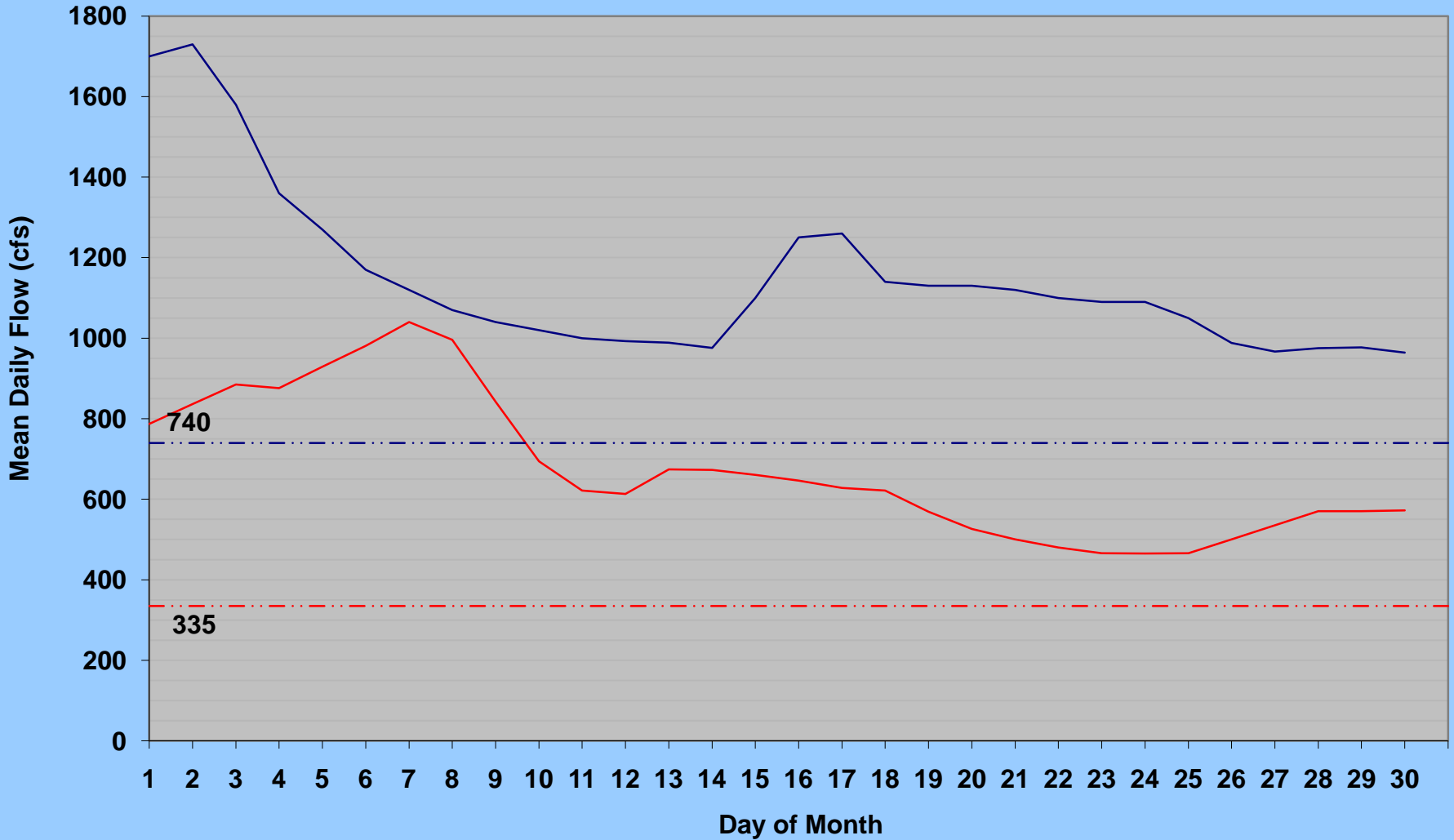
MONTH OF NOVEMBER 2010

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	12,647	18,685	64	6,038	48%	82%	83%	0
N STERLING	73,730	22,392	39,511	64	17,119	76%	54%	58%	0
PREWITT	28,500	19,065	17,602	64	-1,463	-8%	62%	94%	0
JACKSON	27,257	14,445	20,029	1	5,584	39%	73%	92%	0
EMPIRE	37,700	6,757	23,653	1	16,896	250%	63%	19%	0
RIVERSIDE	63,113	25,226	41,941	1	16,715	66%	66%	73%	0
BARR LAKE	31,652	8,438	8,620	2	182	2%	27%	69%	0
CHEESMAN	79,064	77,501	76,872	80	-629	-1%	97%	91%	0
ELEVEN MILE	97,779	99,864	99,899	23	35	0%	100%	100%	2,120
SPINNEY	53,651	41,116	40,908	23	-208	-1%	76%	78%	0
ANTERO	20,015	19,604	19,690	23	86	0%	98%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	899
JULESBURG	186
THIS MONTH LAST YEAR	
KERSEY	1145
JULESBURG	674
MEAN FOR PERIOD OF RECORD*	
KERSEY	740
JULESBURG	335
* 1901-2009	
1902-2009	

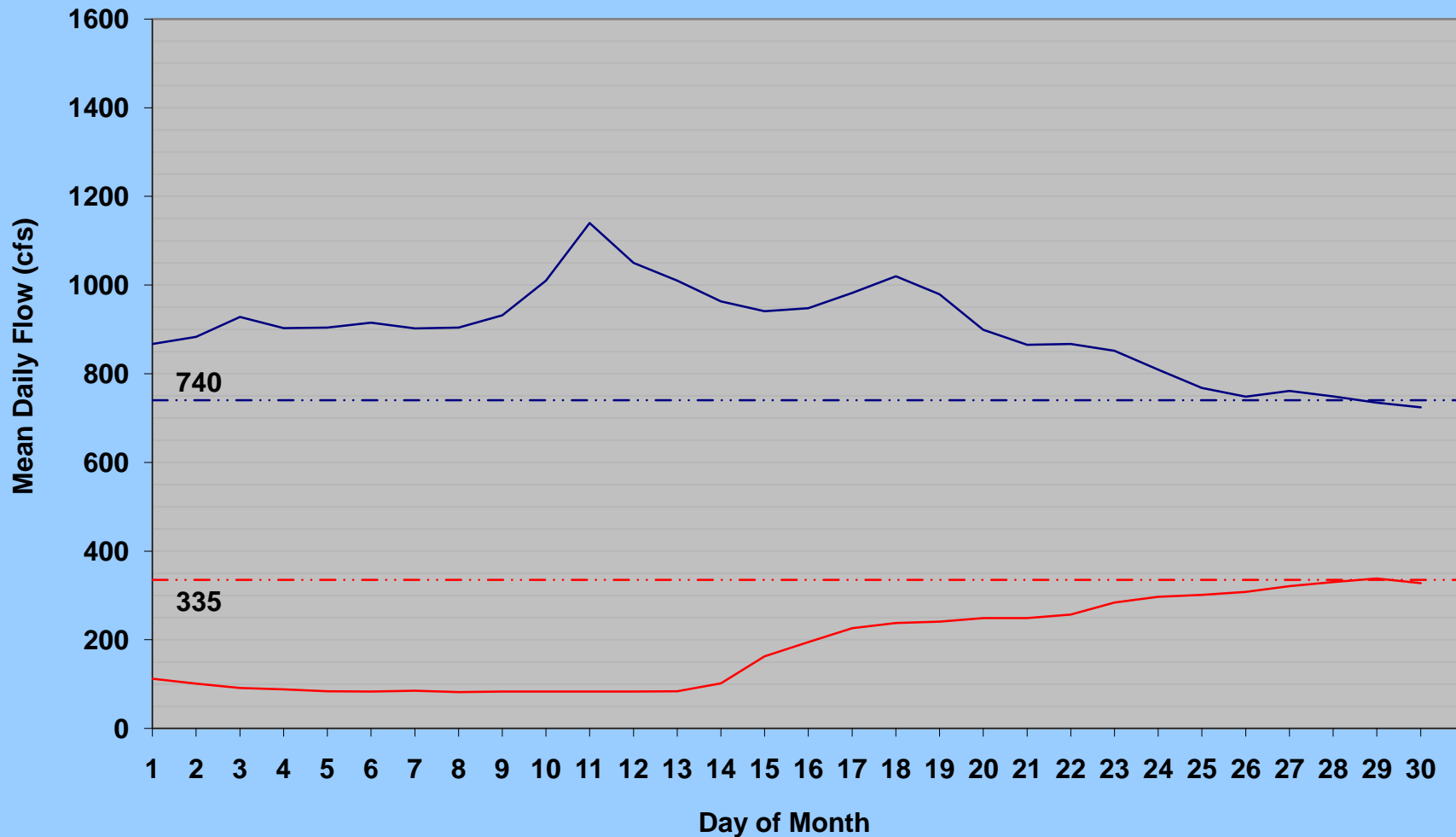


KERSEY and JULESBURG NOVEMBER 2009



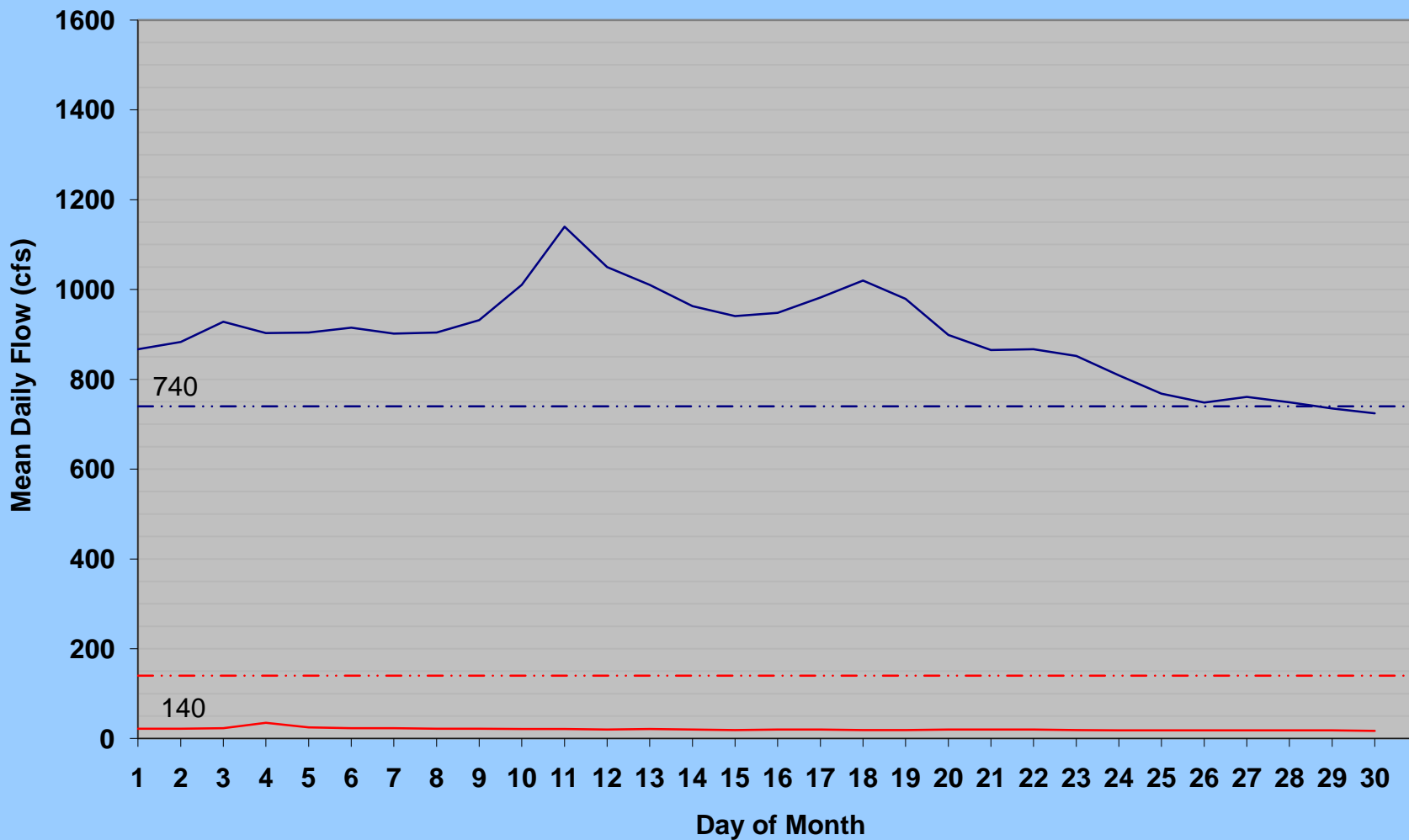
— Kersey — Julesburg - · - · Kersey 1901-2009 Avg. - · - · Julesburg 1902-2009 Avg.

KERSEY and JULESBURG NOVEMBER 2010



— Kersey — Julesburg - - - Kersey 1901-2009 Avg. - - - Julesburg 1902-2009 Avg.

KERSEY and BALZAC NOVEMBER 2010



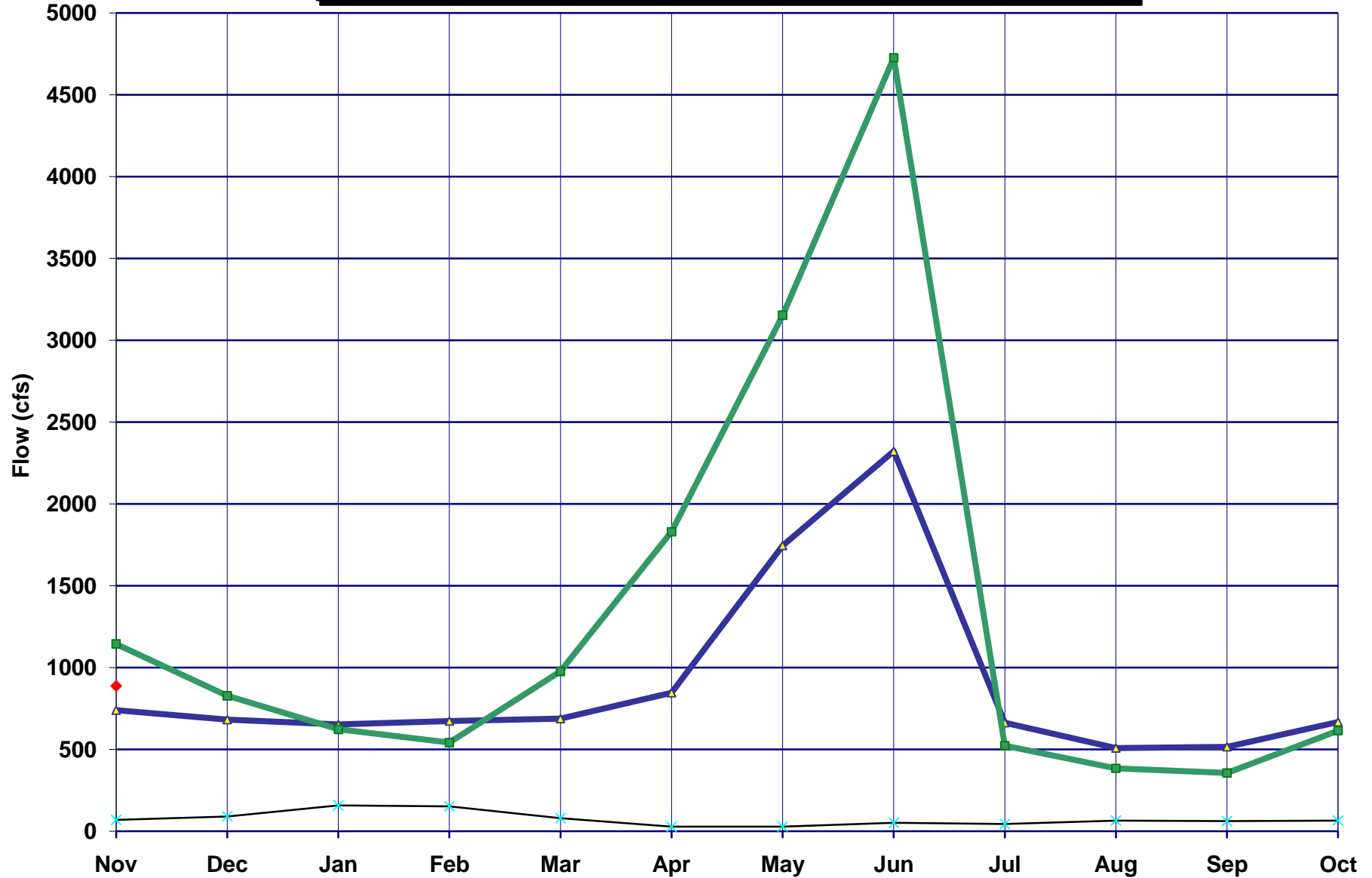
— Kersey — Balzac - · - Kersey 1901-2009 Avg. - · - Balzac 1917-2004 Avg.

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 2011 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2011 Mean Monthly Flow
Nov	740	3650	1984	70	1934	899	Nov	335	2900	1984	4.2	1903	186
Dec	682	1890	1961	91	1934		Dec	397	1820	1984	13	2002	
Jan	652	2160	1974	158	1935		Jan	509	2510	1970	21	2003	
Feb	674	3060	1914	152	1935		Feb	582	3220	1930	29	2005	
Mar	688	3470	1983	80	1935		Mar	522	12900	1910	15	1904	
Apr	846	18100	1942	28	1955		Apr	523	14400	1942	4.0	1904	
May	1746	26100	1973	29	1955		May	1003	18100	1973	12	1911	
Jun	2323	31000	1921	52	1954		Jun	1430	30800	1921	2.0	1910	
Jul	664	12600	1983	44	1955		Jul	295	12600	1983	0.0	1903	
Aug	509	9690	1951	65	1934		Aug	180	8920	1968	0.0	1903	
Sep	517	14200	1938	62	1940		Sep	239	7130	1938	2.0	1902	
Oct	668	6180	1984	66	1954		Oct	301	3130	1984	4.2	1903	
*Period of record 1902-2009							*Period of record 1902-2009						

South Platte River at Kersey

Irrigation Year

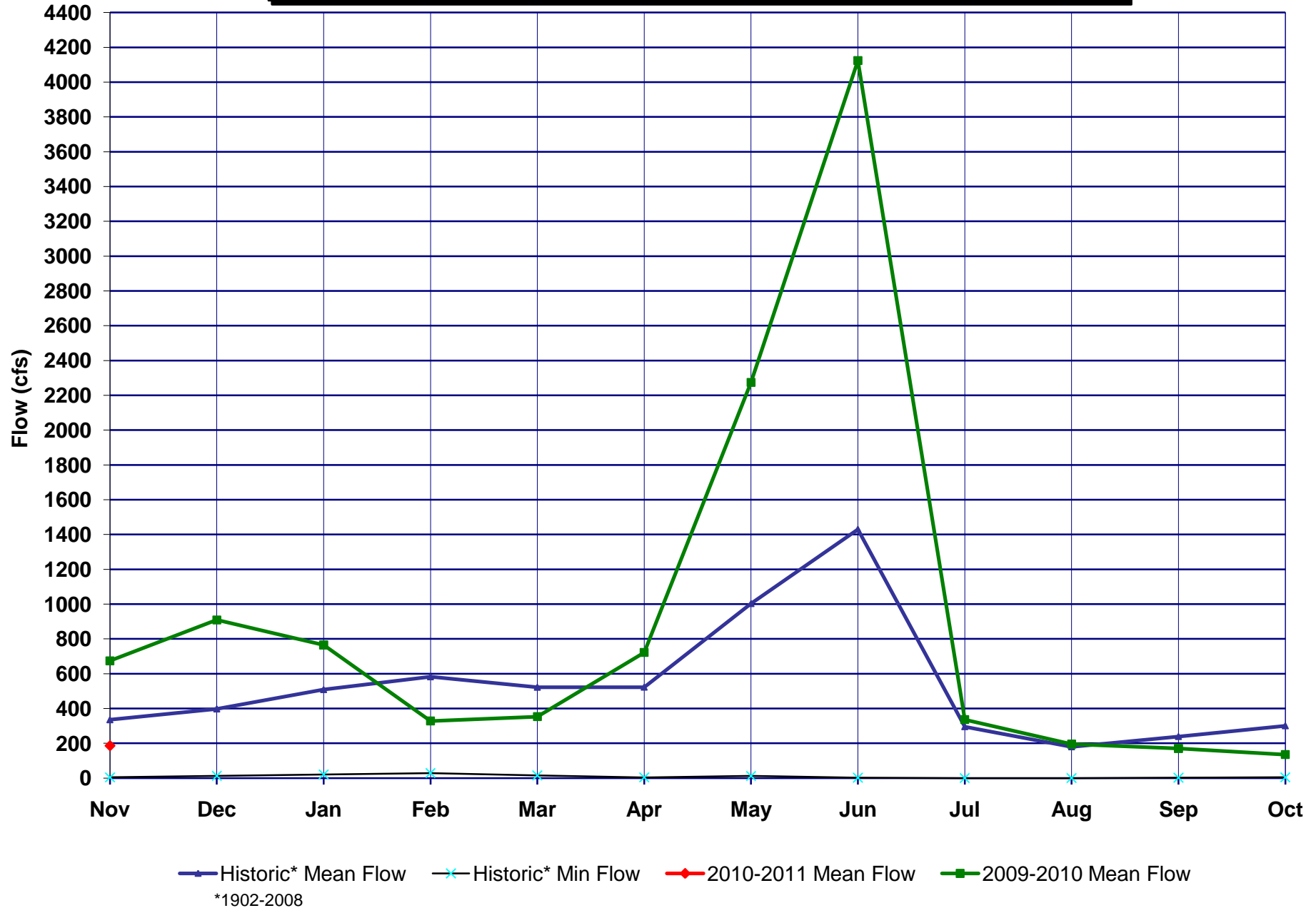


Historic* Mean Flow Historic* Min Flow 2010-2011 Mean Flow 2009-2010 Mean Flow

*1901-2008

South Platte River at Julesburg

Irrigation Year



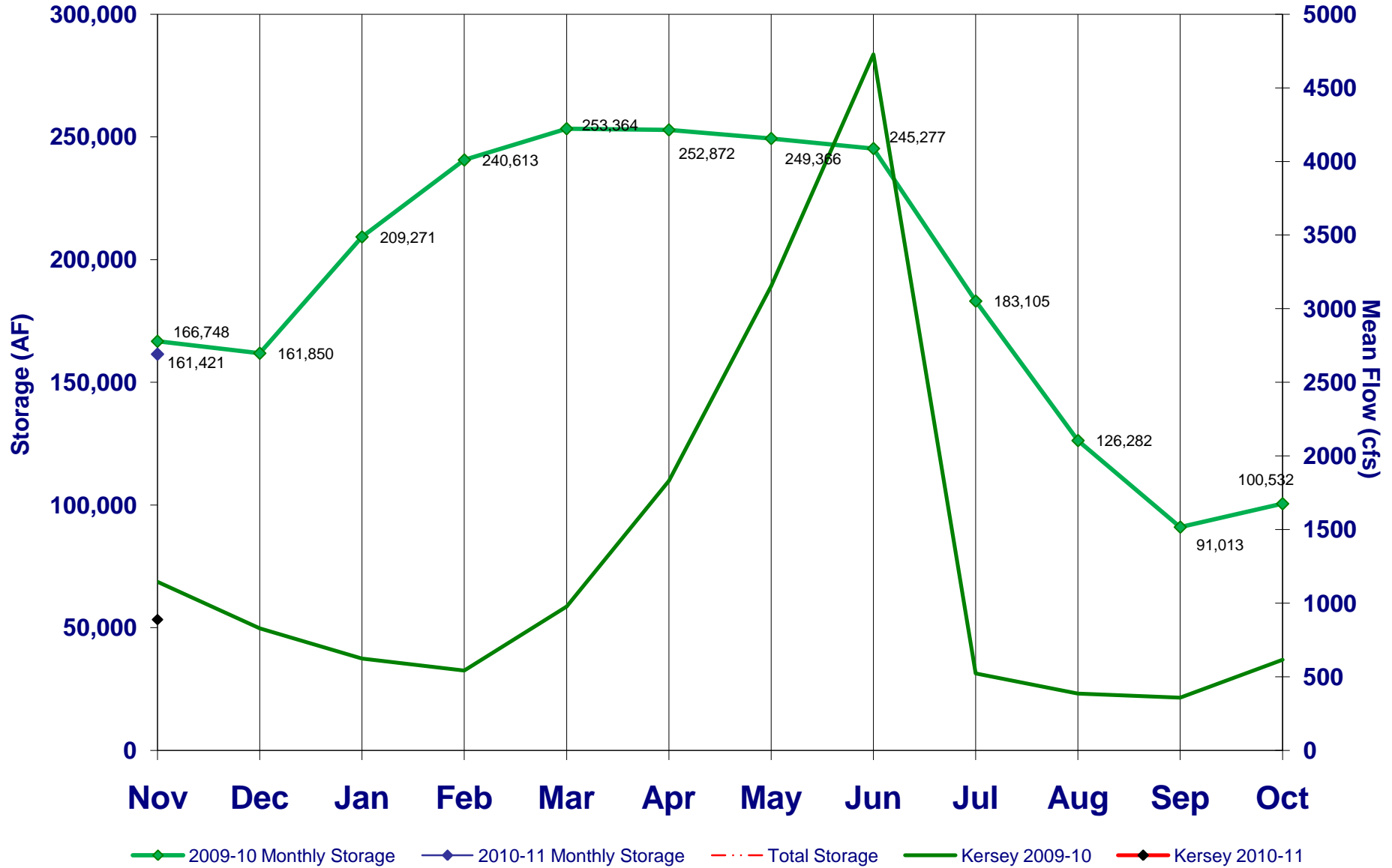
**Next four slides show Reservoir Storage
above and below Kersey**



Empire Inlet
Photo by Jason Smith

Reservoir Storage below Kersey

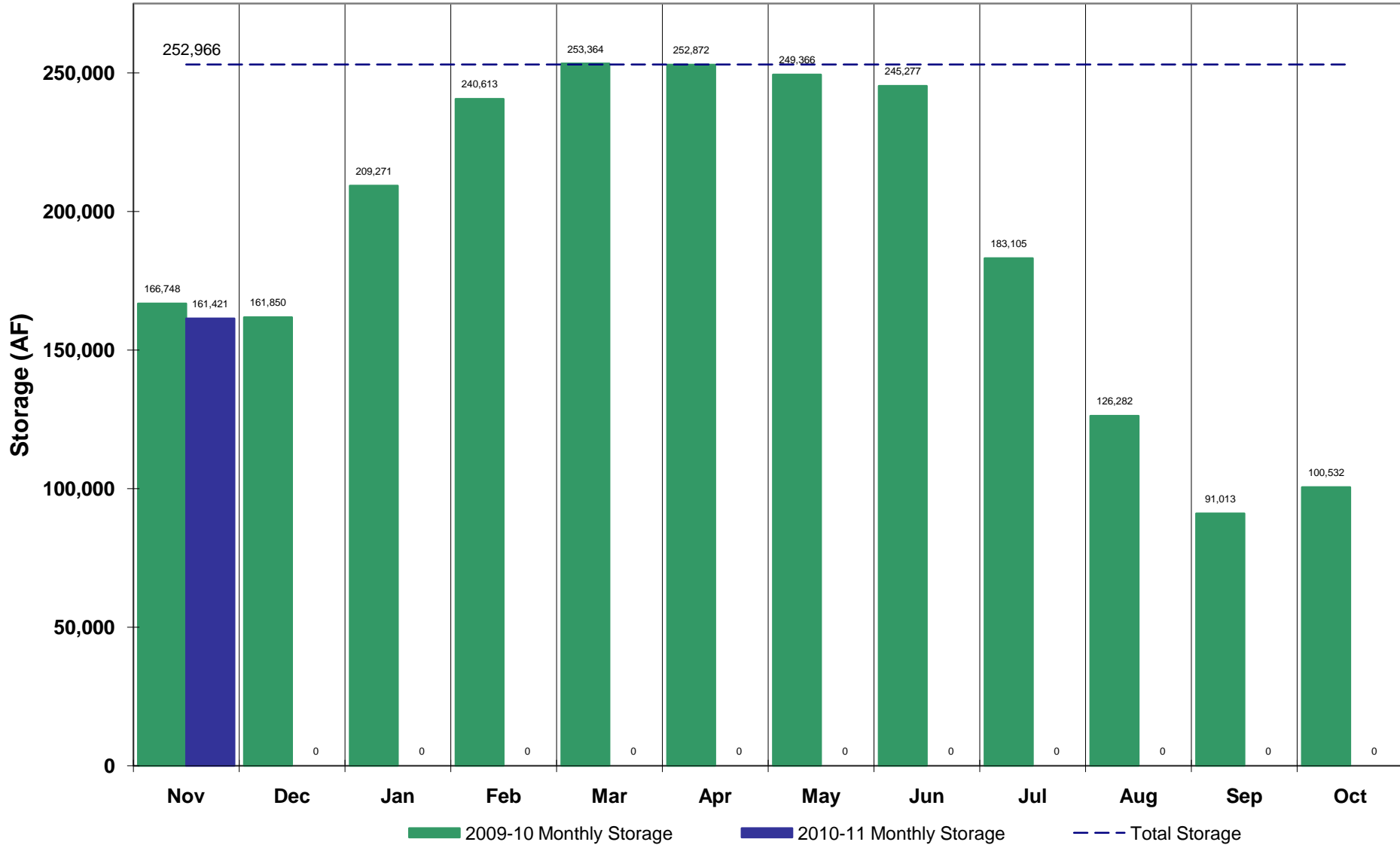
Selected Reservoirs*



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

South Platte Reservoirs

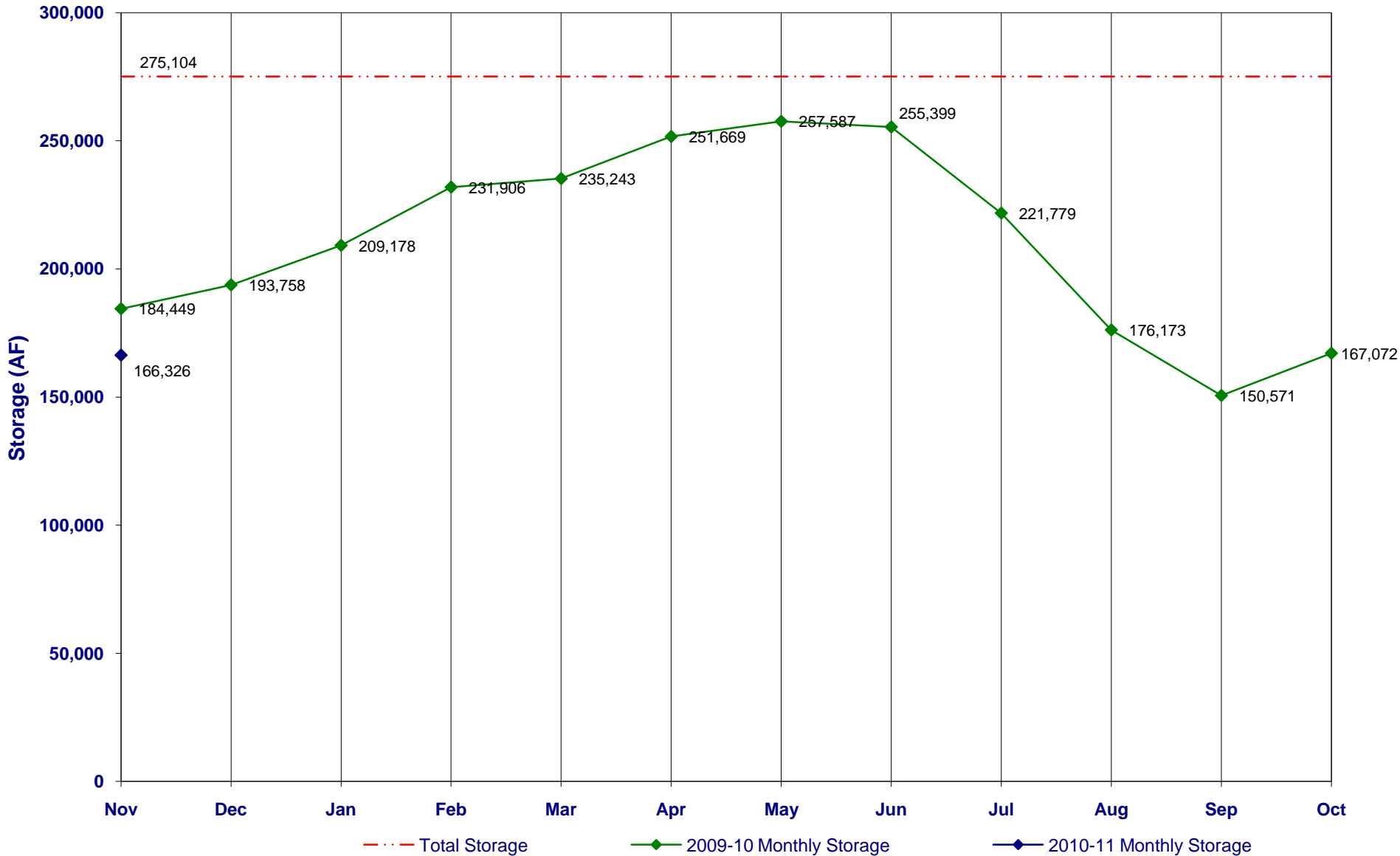
Storage below Kersey*



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

Reservoir Storage above Kersey

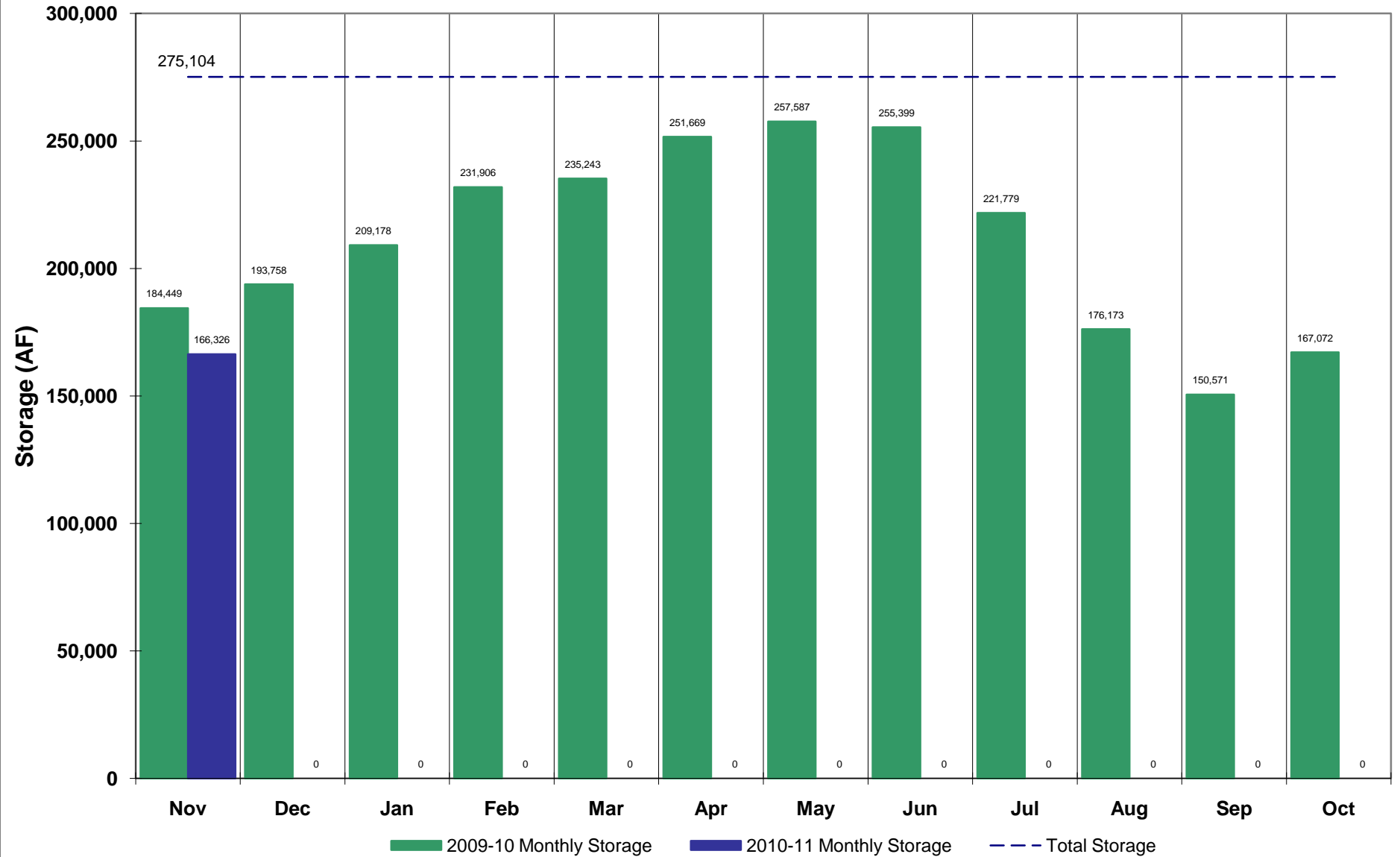
Selected Reservoirs*



*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

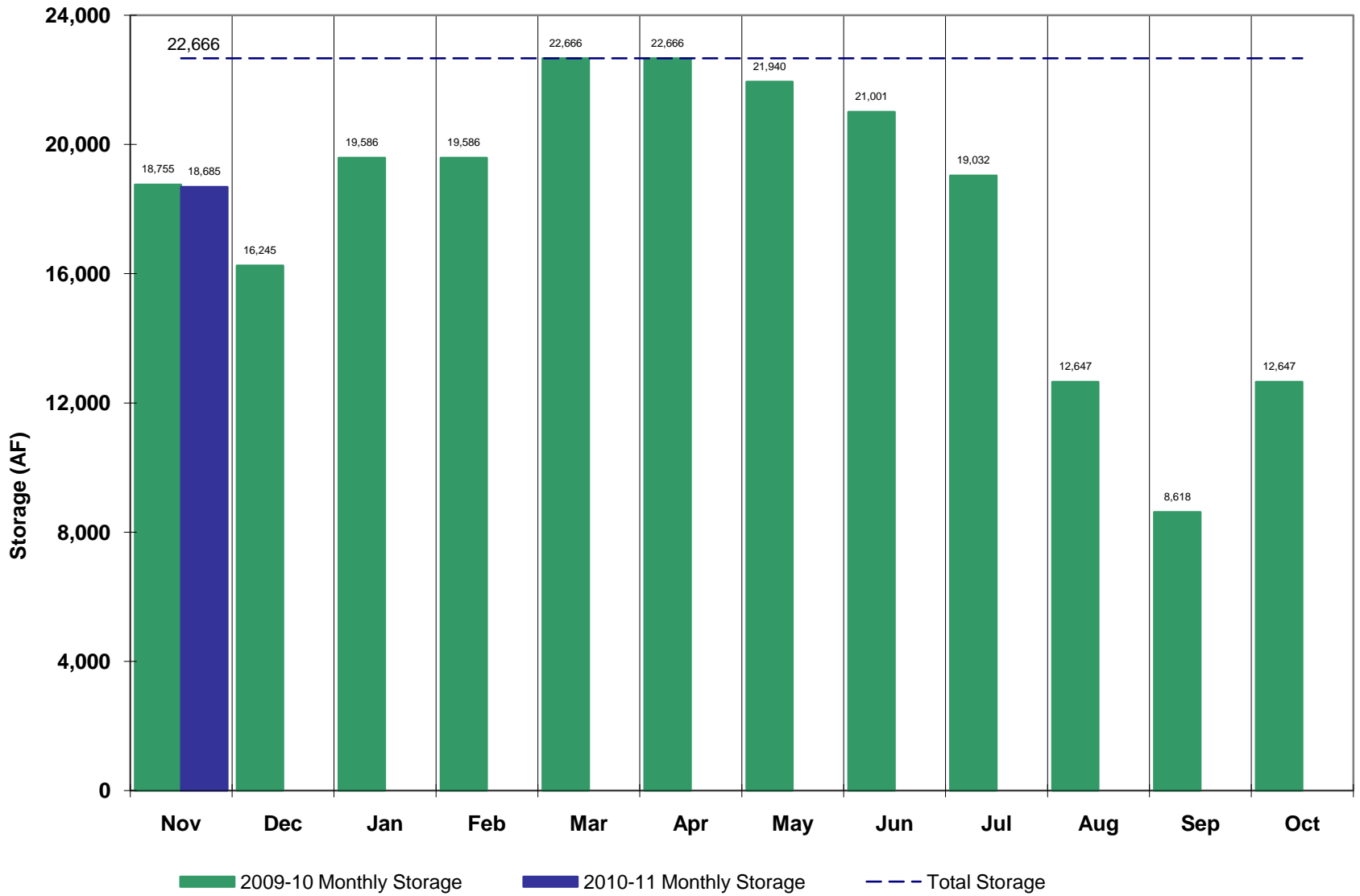
Individual Reservoir Storage Follows



North Saint Vrain Creek
above Buttonrock Reservoir
Photo by Russell Stroud

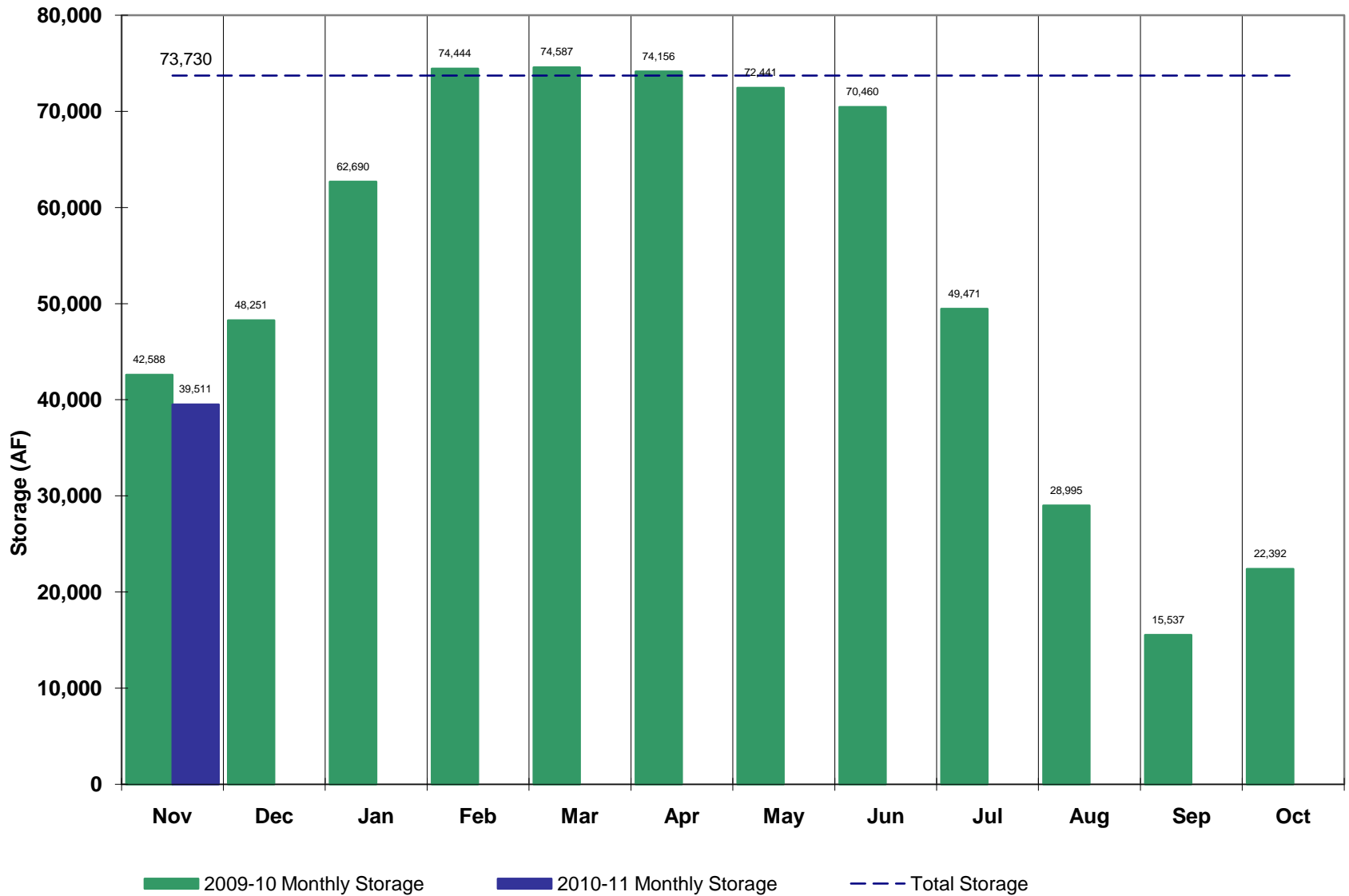
Julesburg Reservoir

(District 64 - Agricultural)



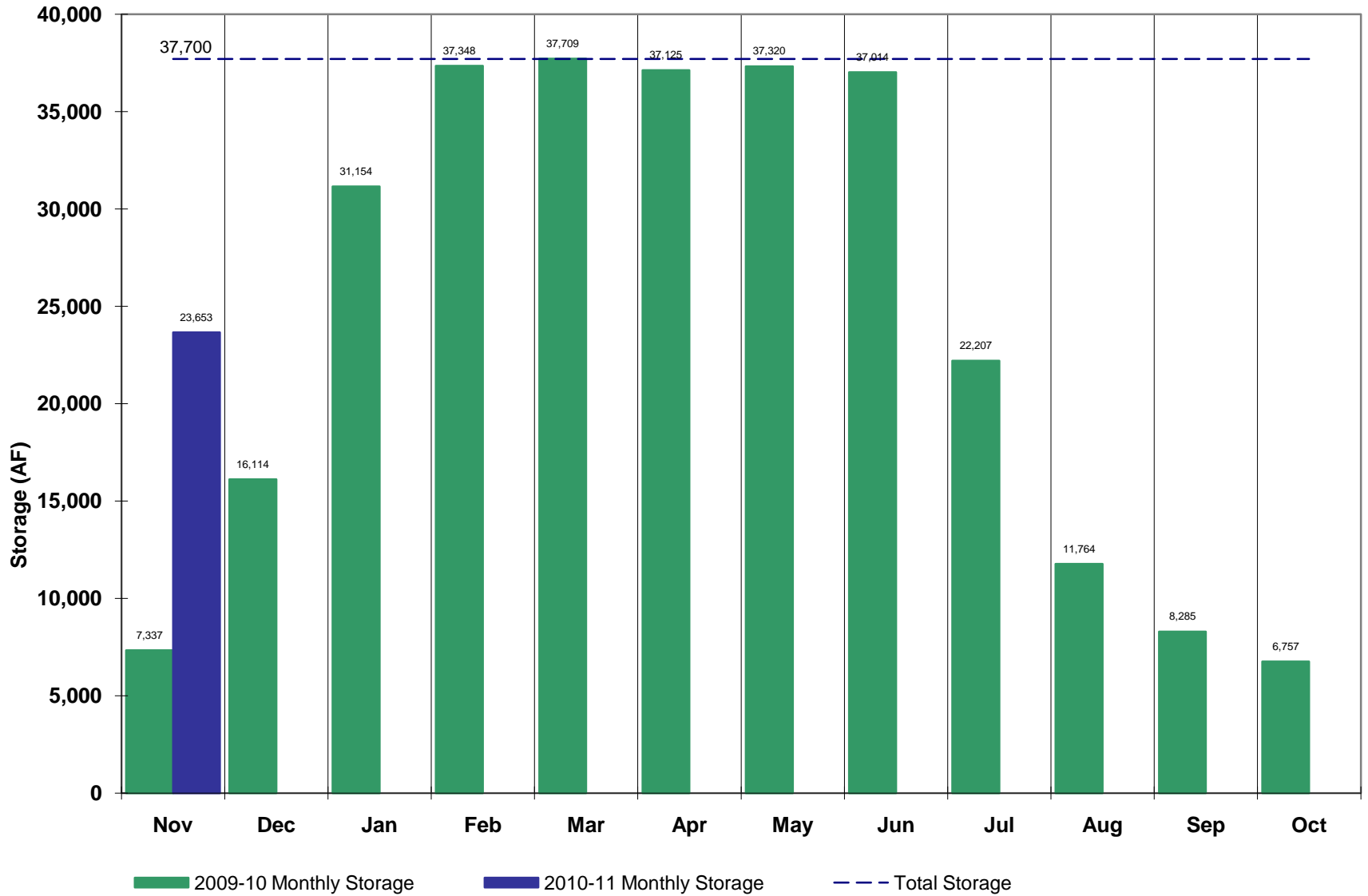
North Sterling Reservoir

(District 64- Agricultural)



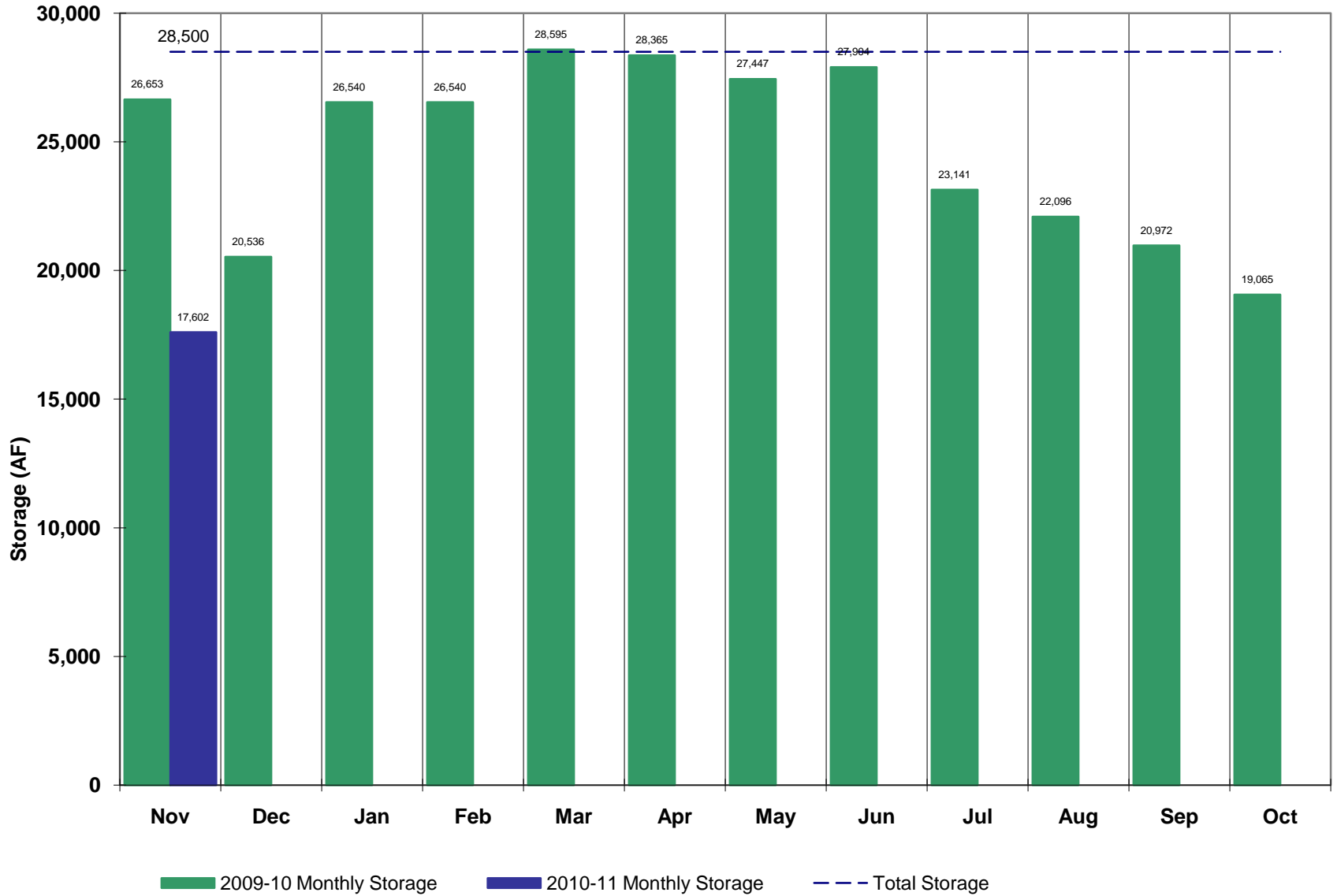
Empire Reservoir

(District 1- Agricultural)



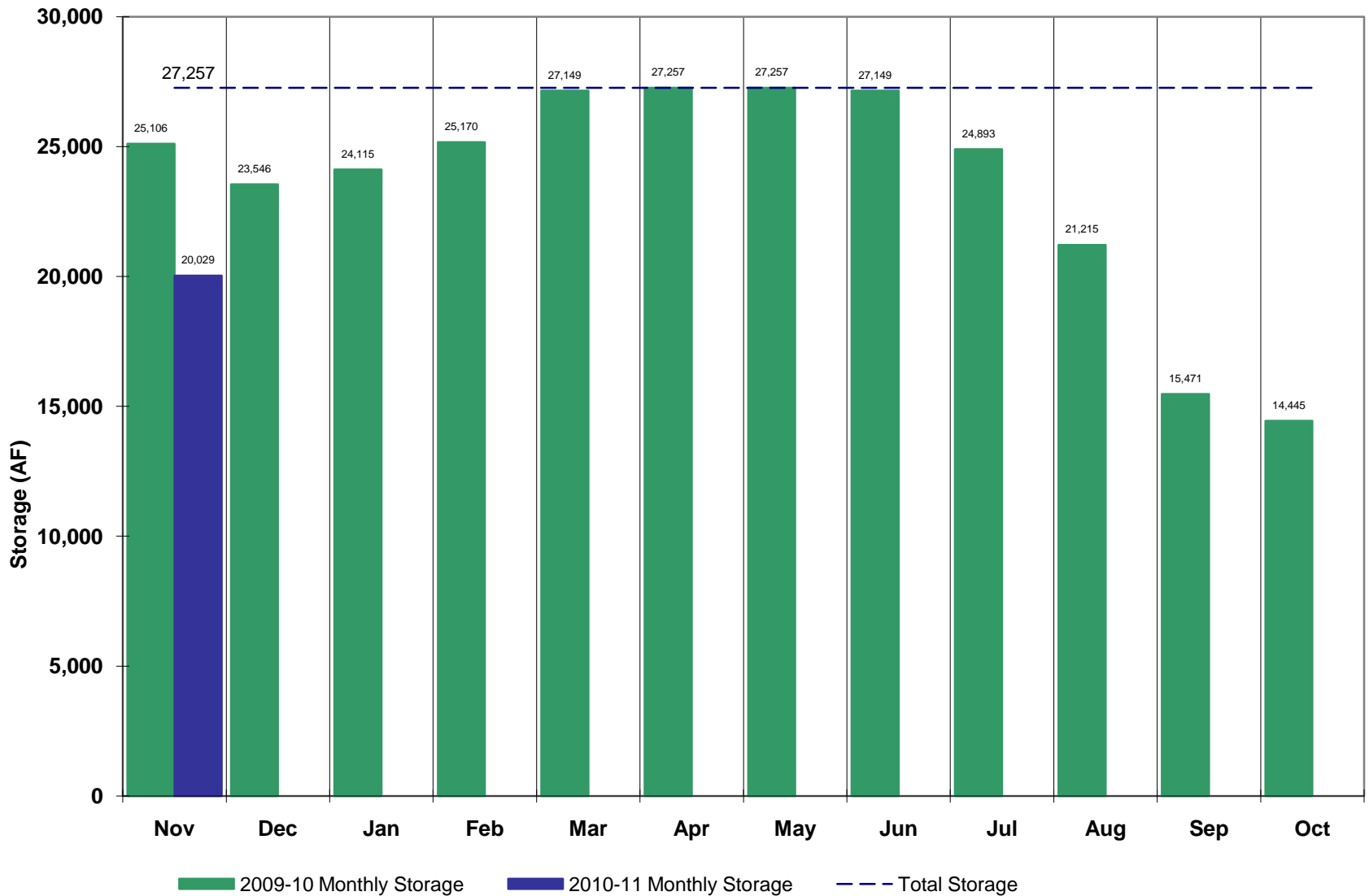
Prewitt Reservoir

(District 64- Agricultural)



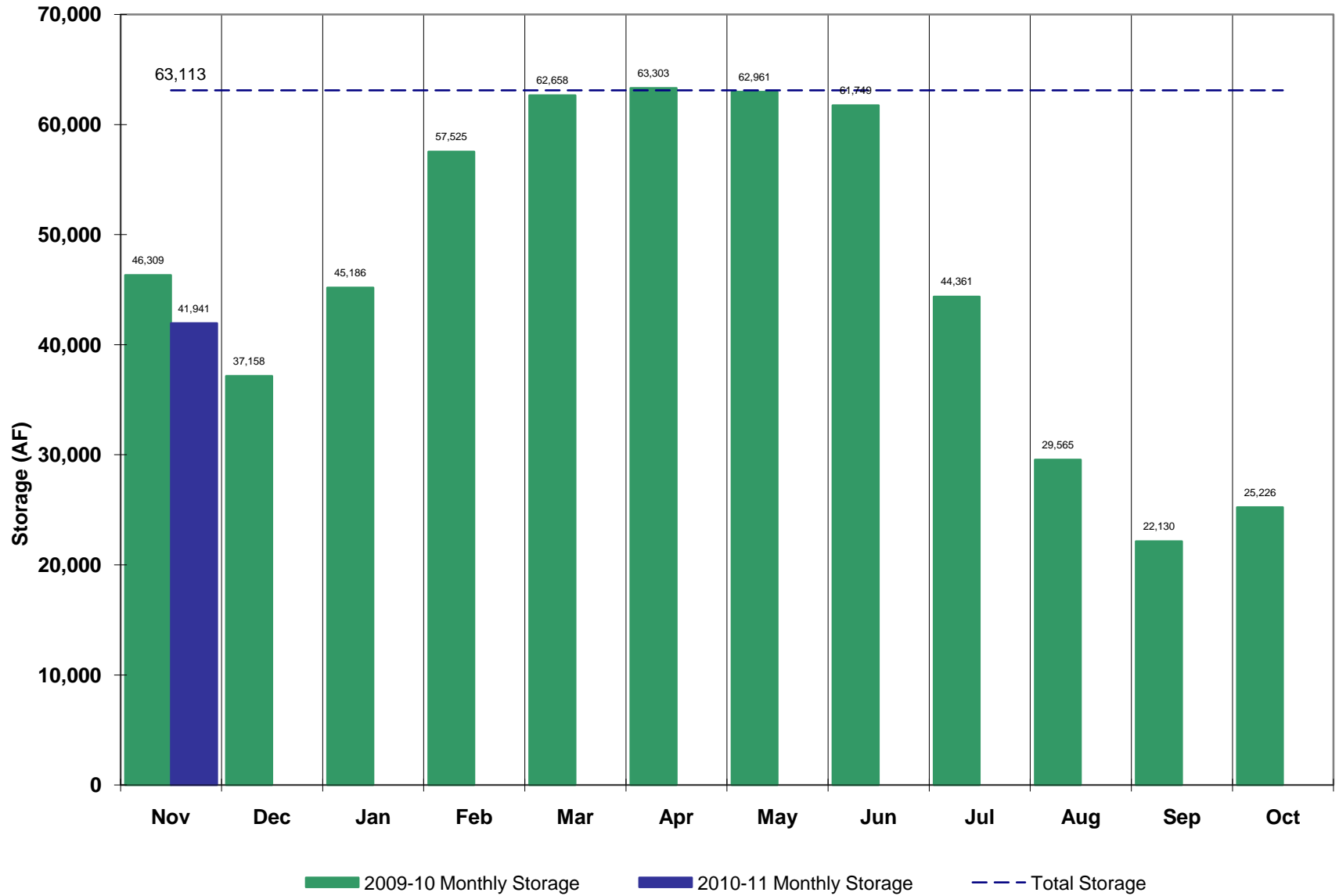
Jackson Reservoir

(District 1- Agricultural)



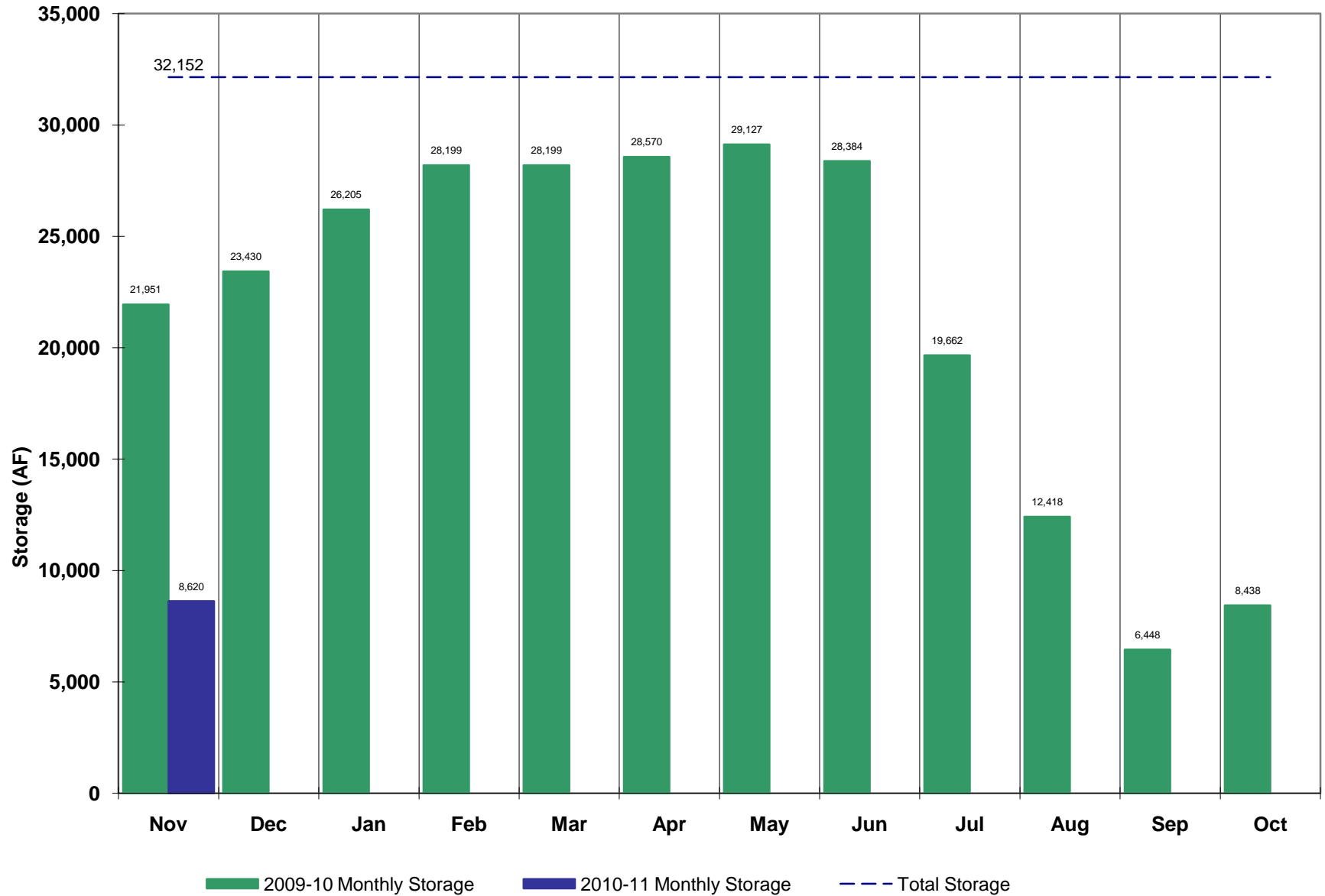
Riverside Reservoir

(District 1 - Agricultural)



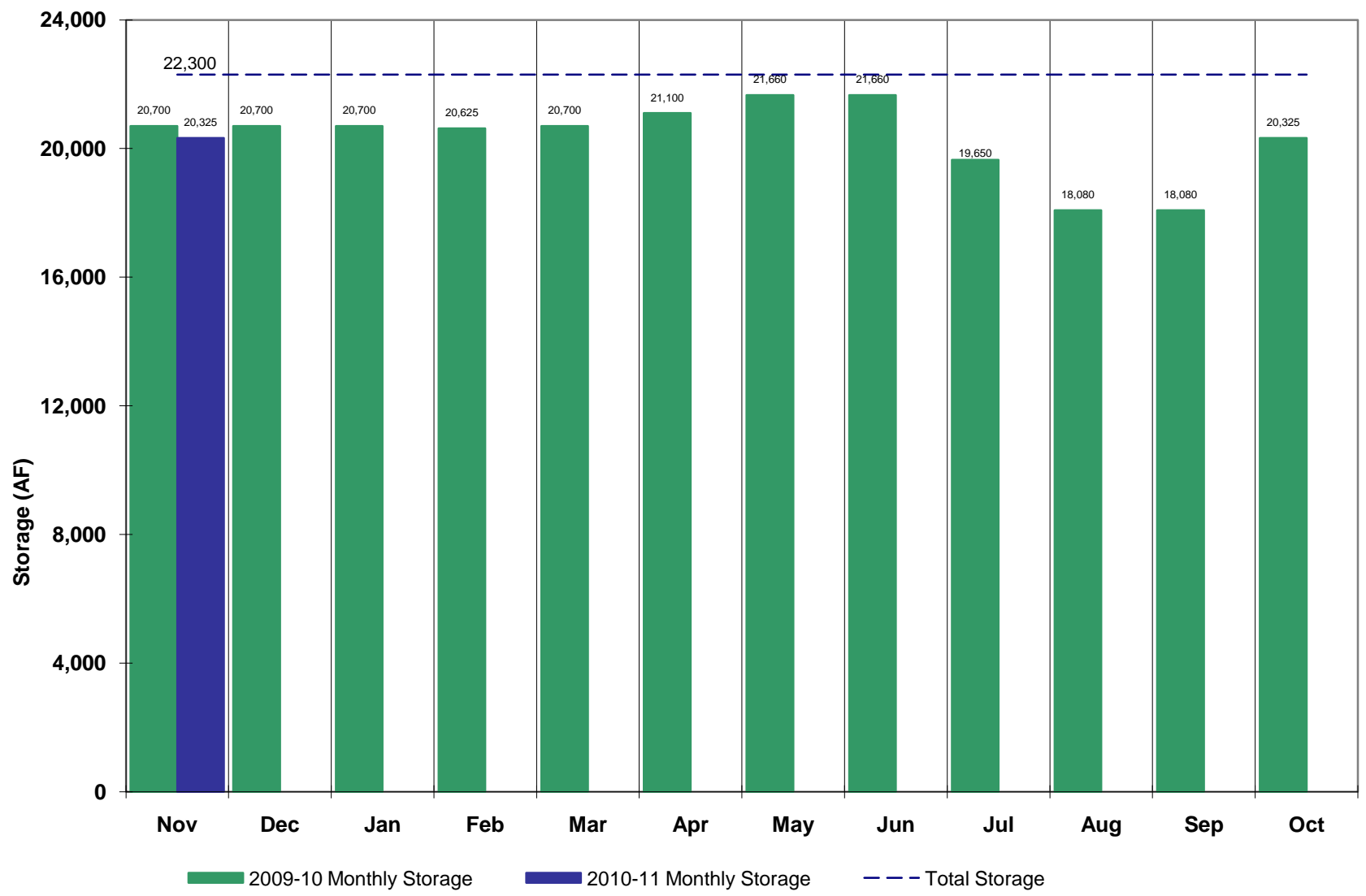
Barr Lake

(District 2 - Agricultural)



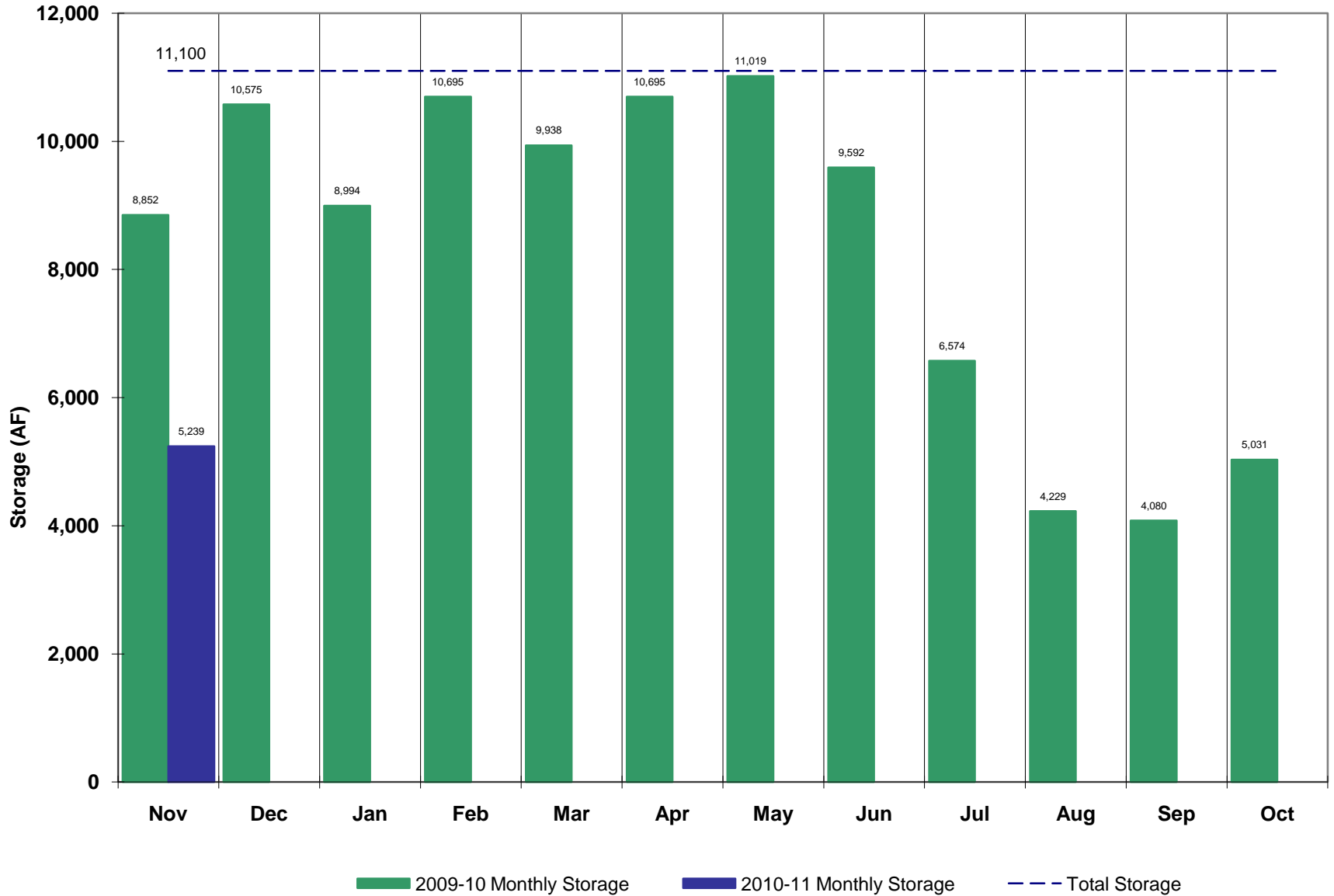
Cobb Lake

(District 3, Poudre River - Agricultural)



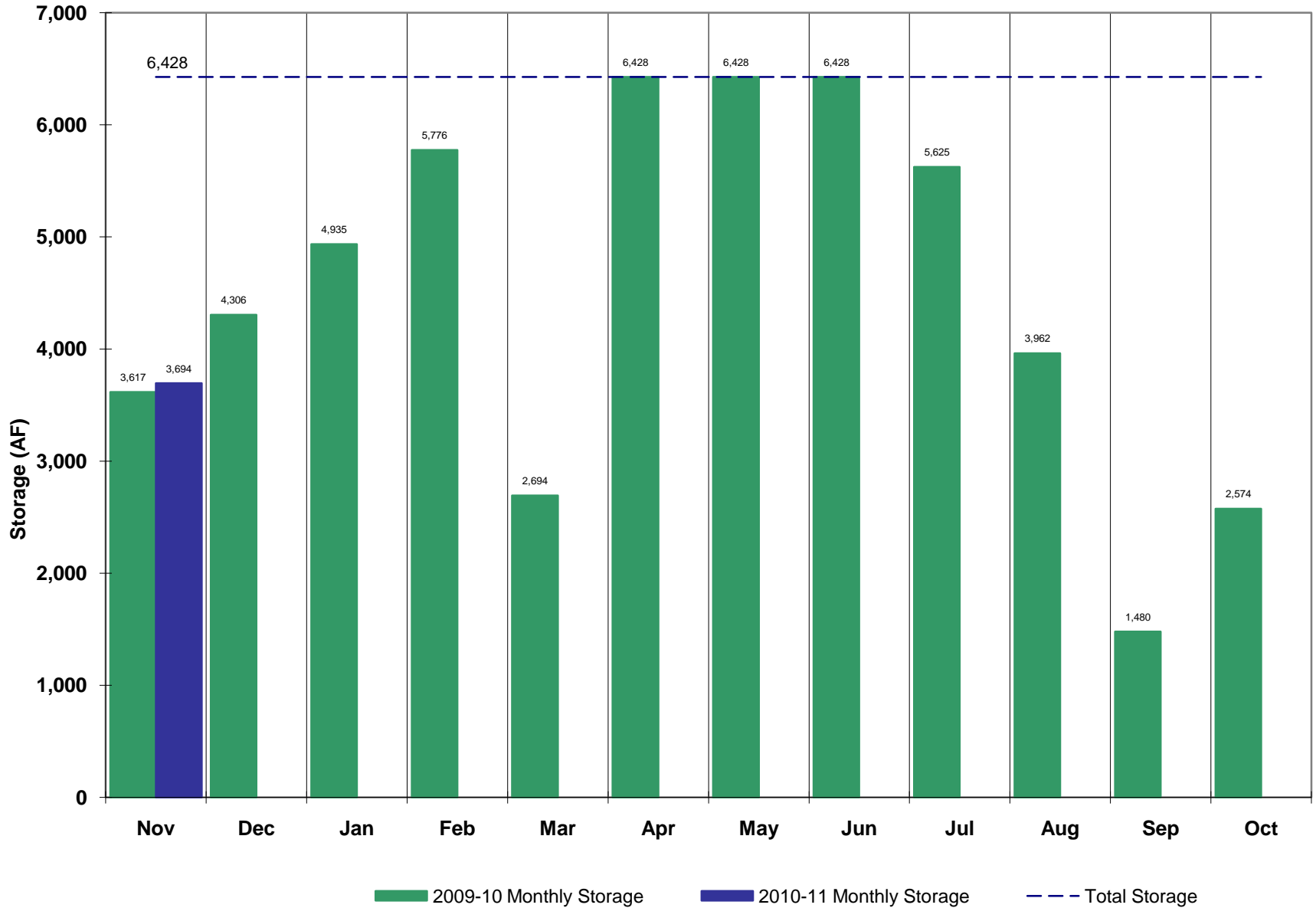
Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



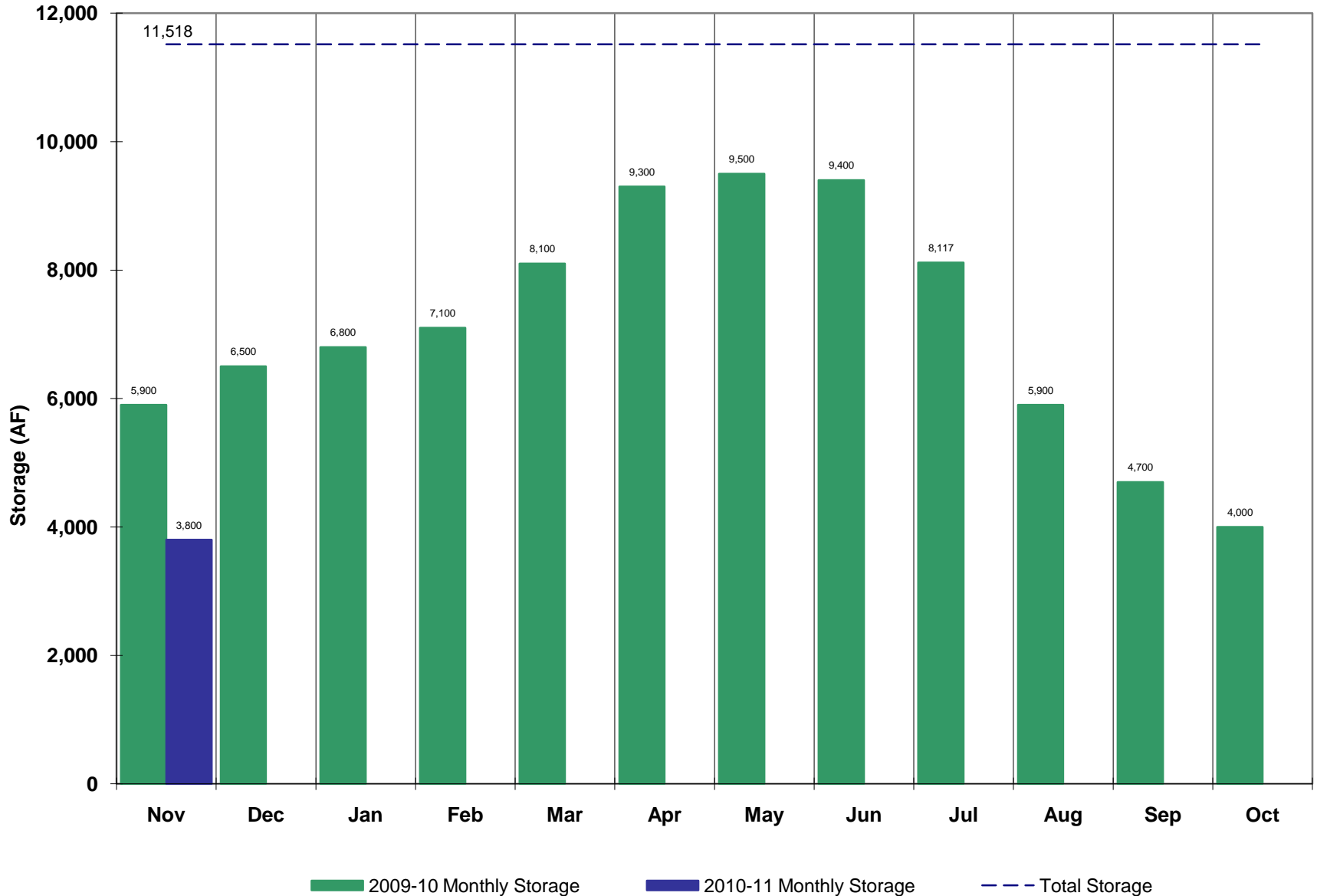
Halligan Reservoir

(District 3, Poudre River - Agricultural)



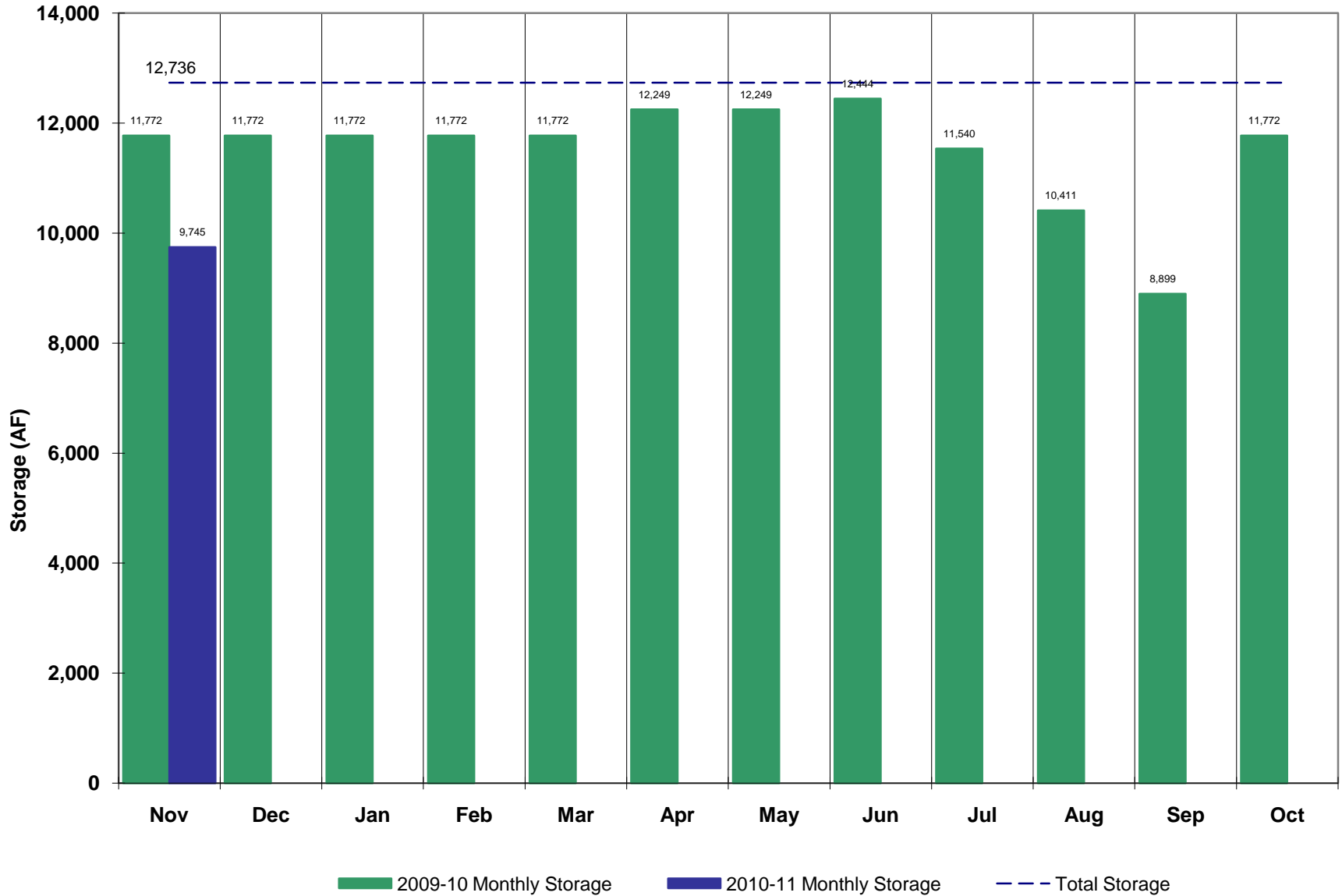
Marshall Lake

(District 6, Boulder Creek - Agricultural)



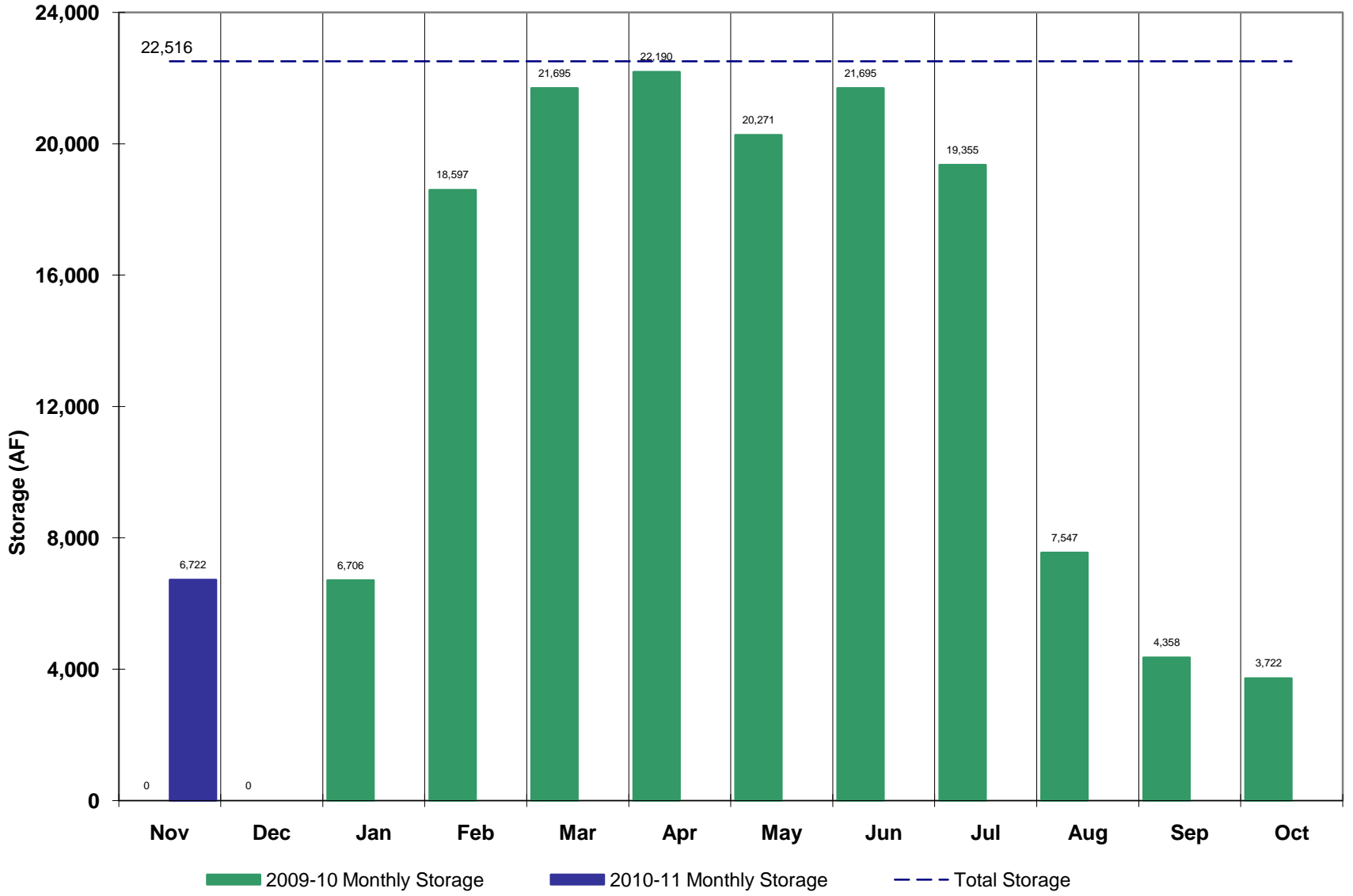
Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



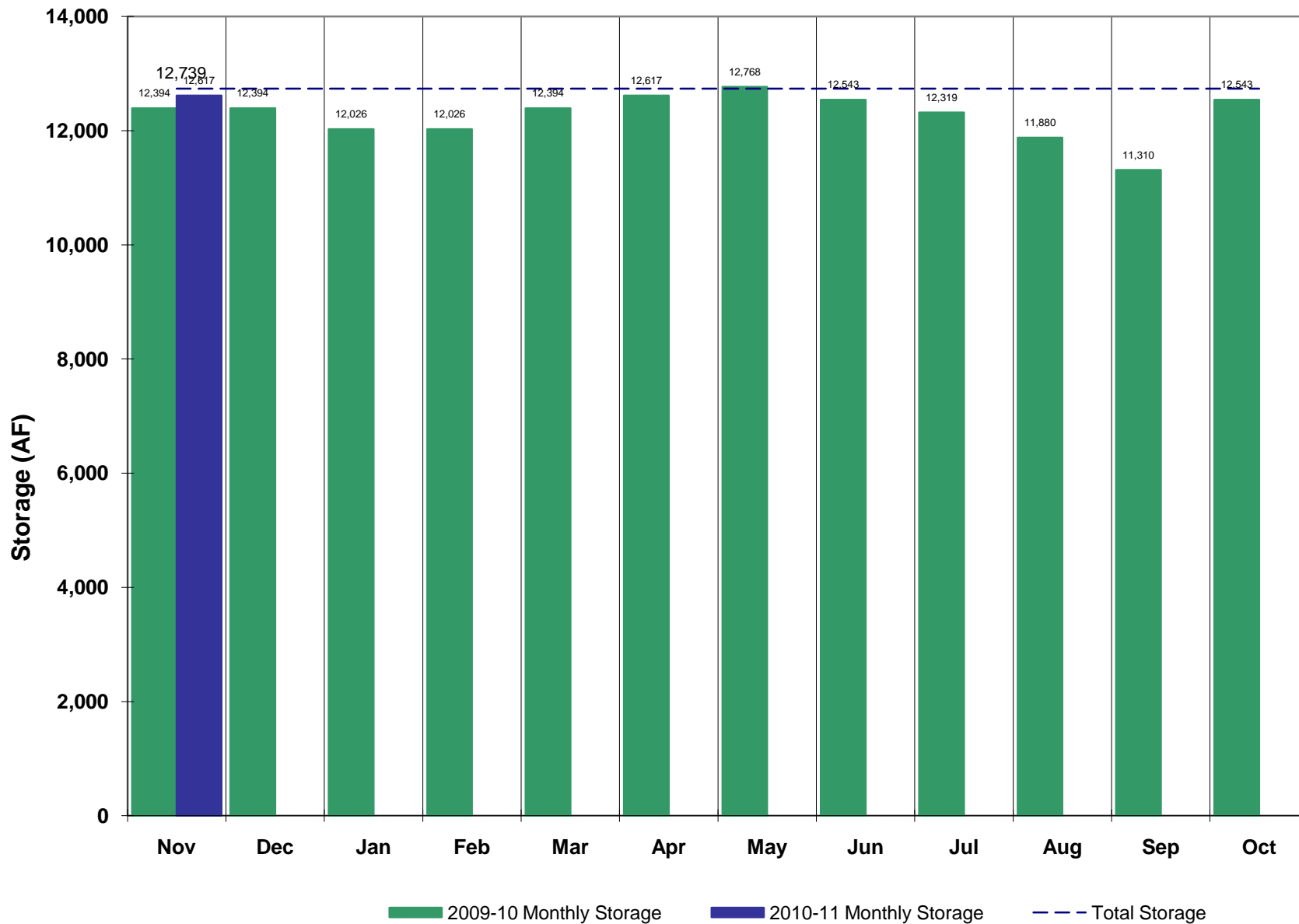
Milton Reservoir

(District 2 - Agricultural)

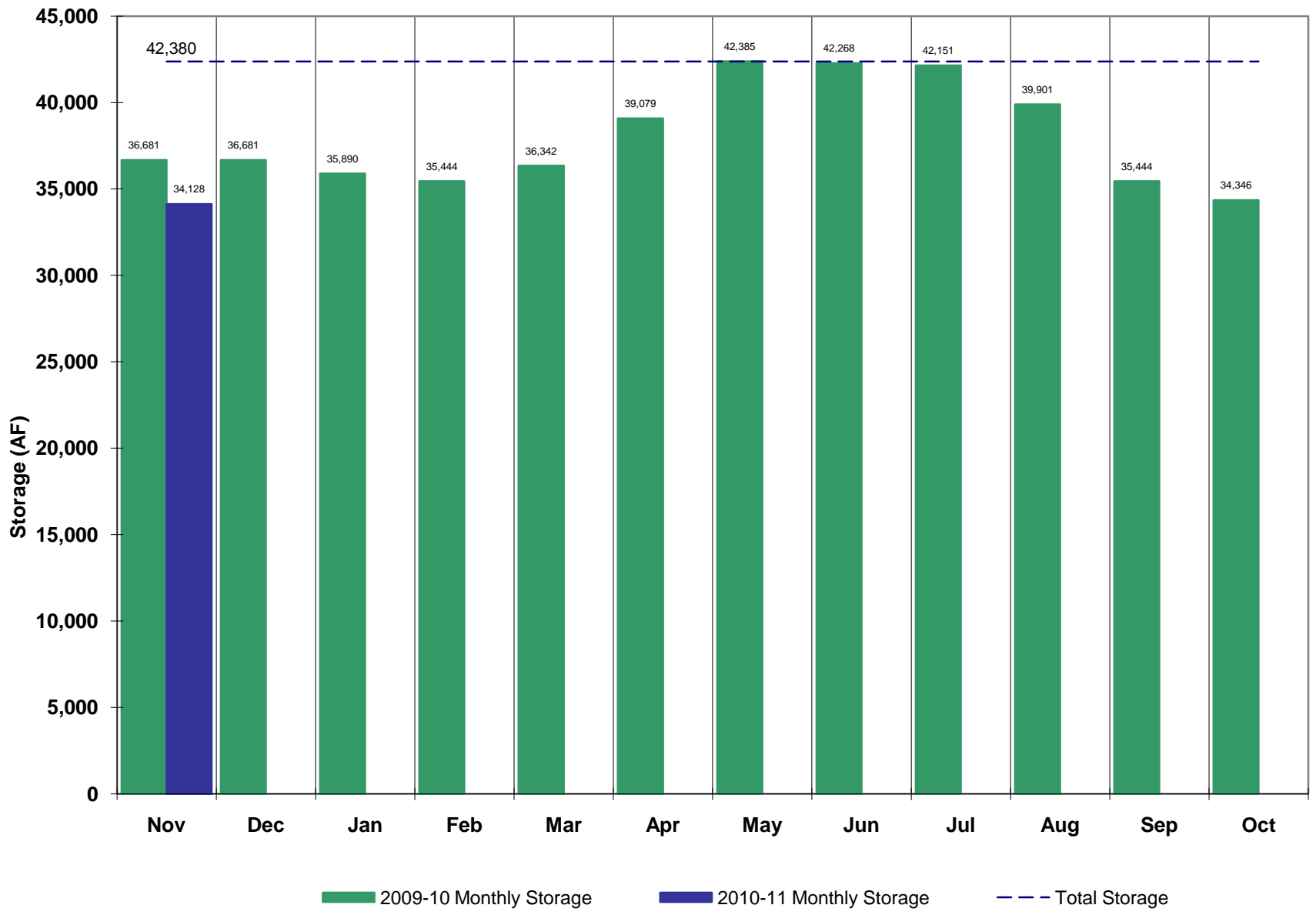


Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

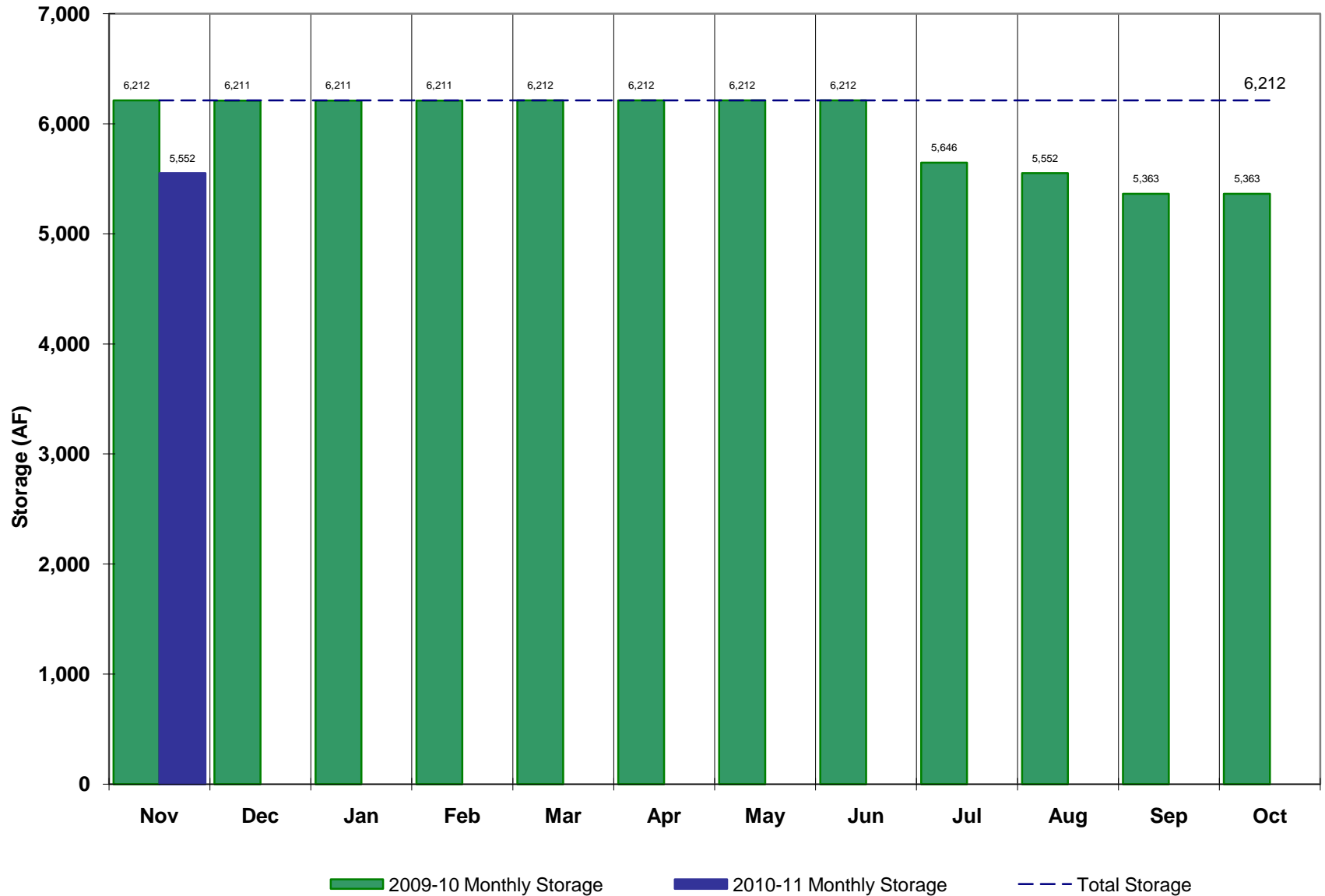


Standley Lake (Agricultural)



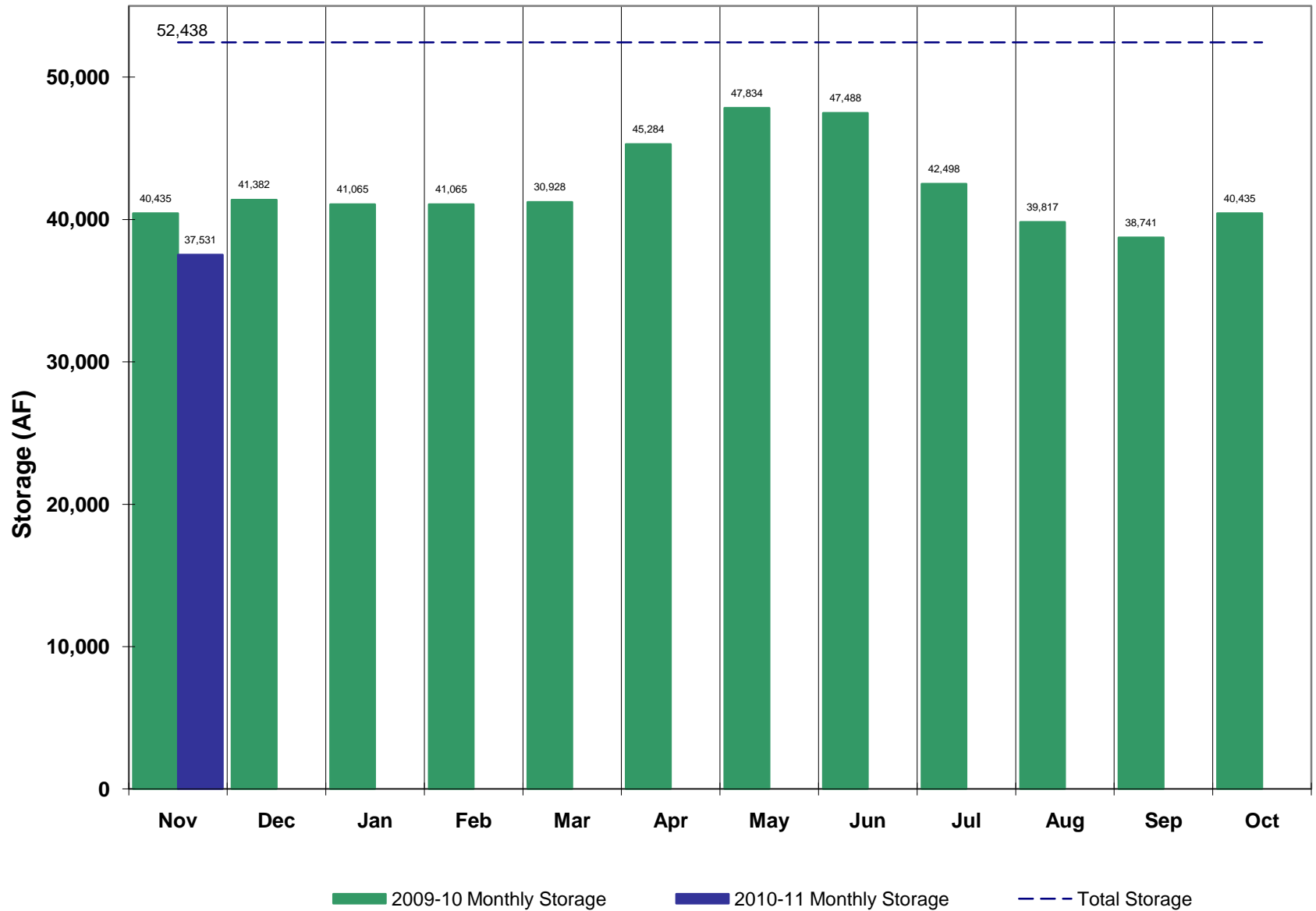
Lower Latham Reservoir

(District 2 - Agricultural)



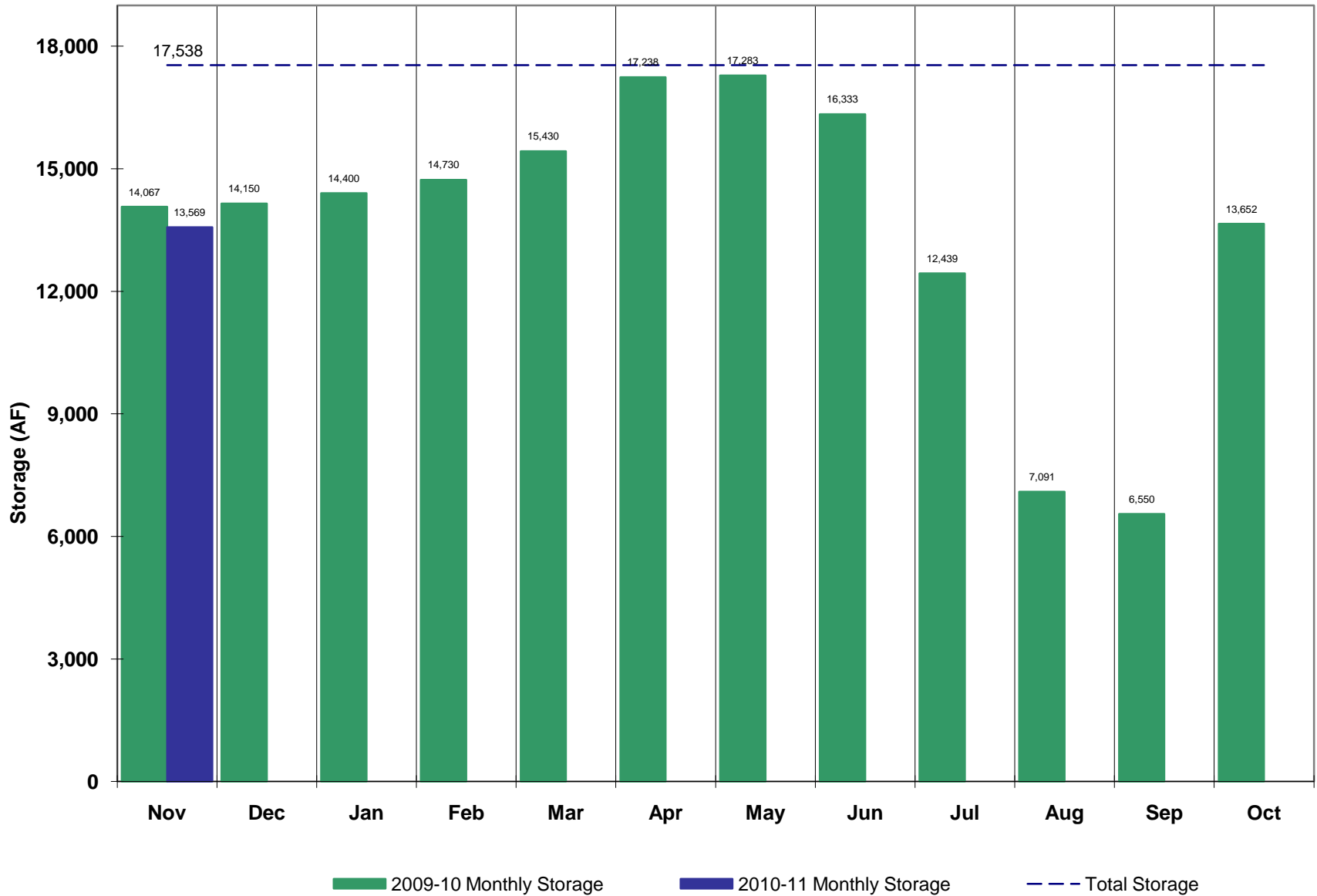
Boyd Lake

(District 4, Big Thompson River - Agricultural)



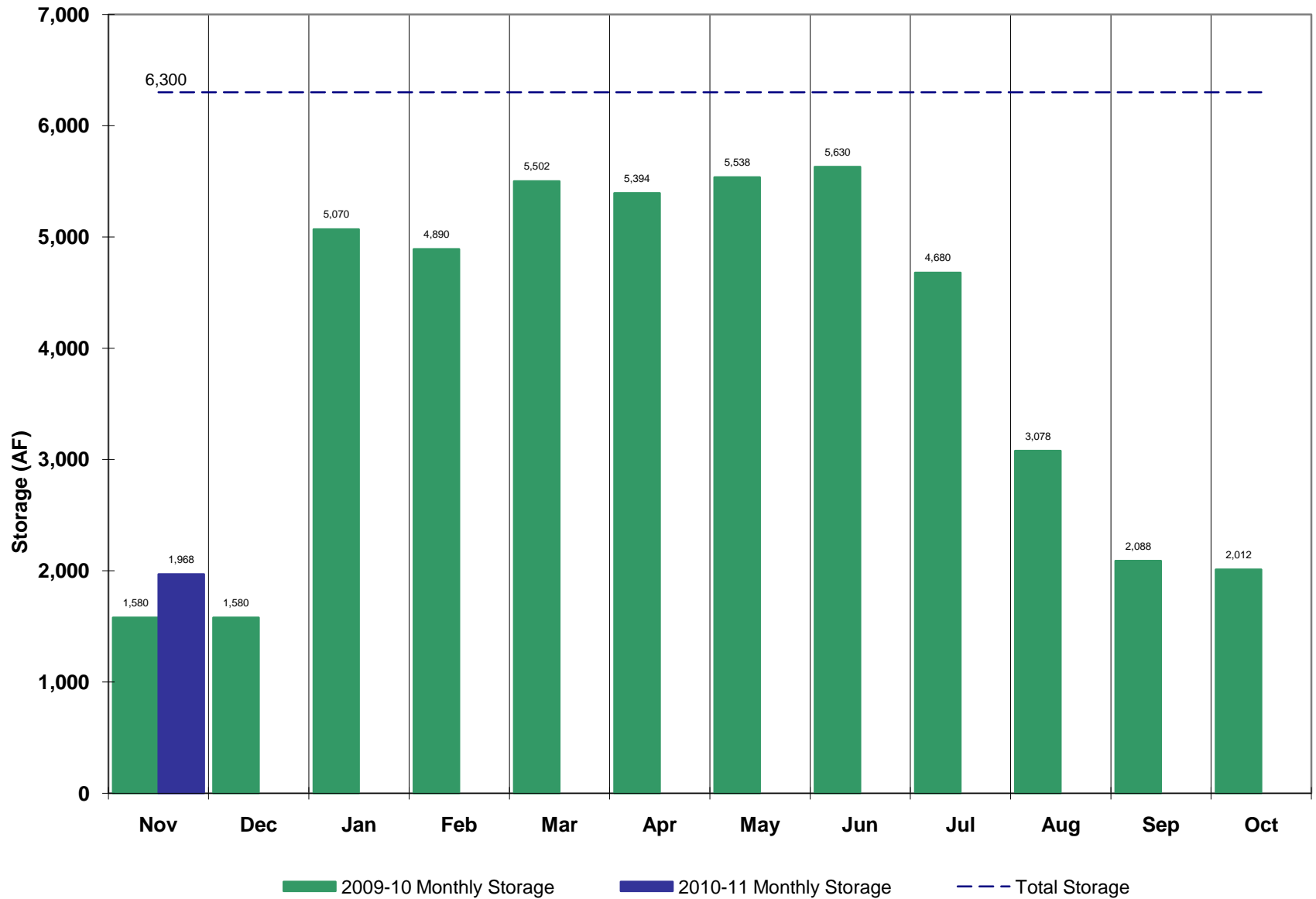
Windsor Reservoir

(District 3, Poudre River - Agricultural)



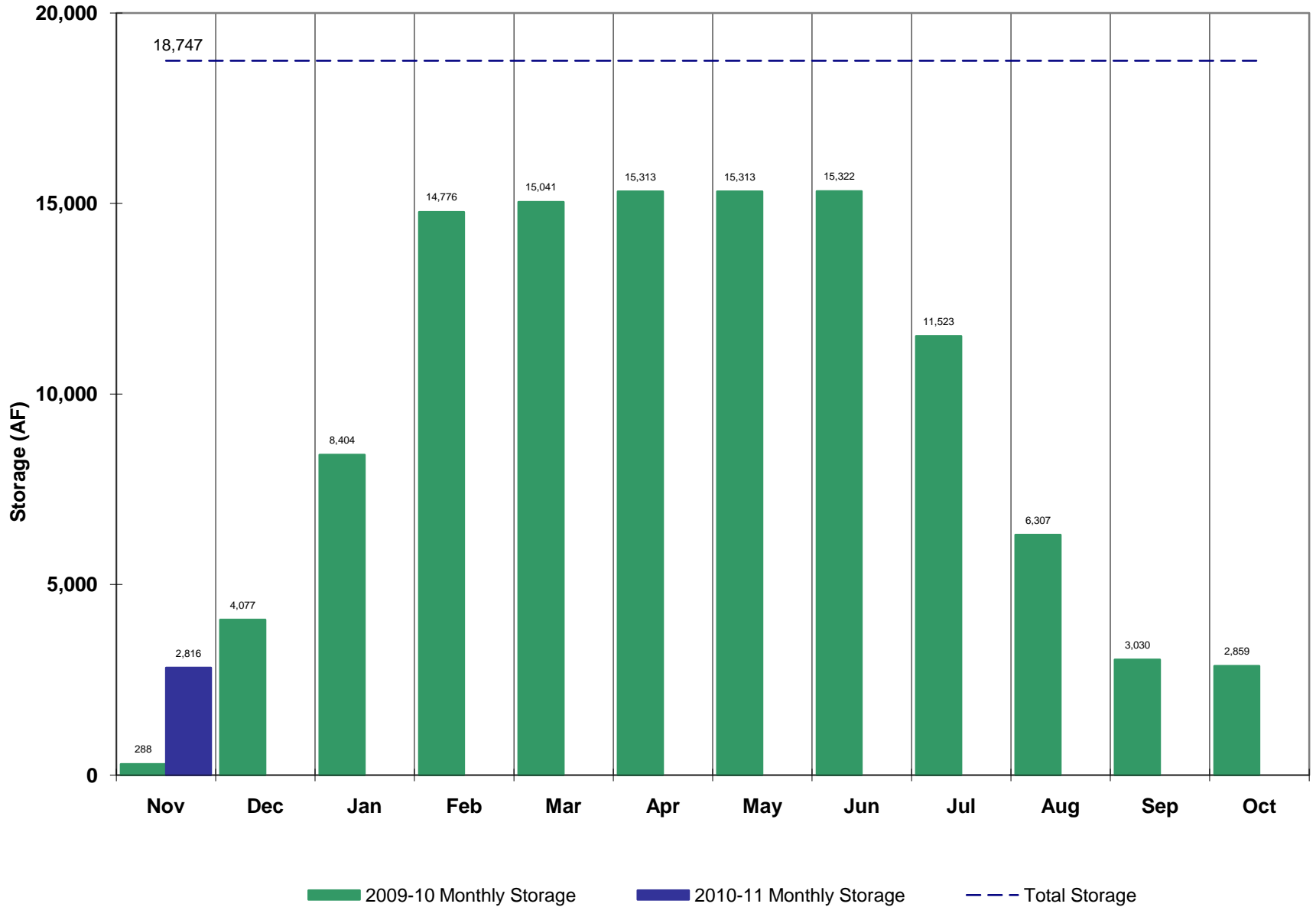
Prospect Reservoir

(District 1- Agricultural)



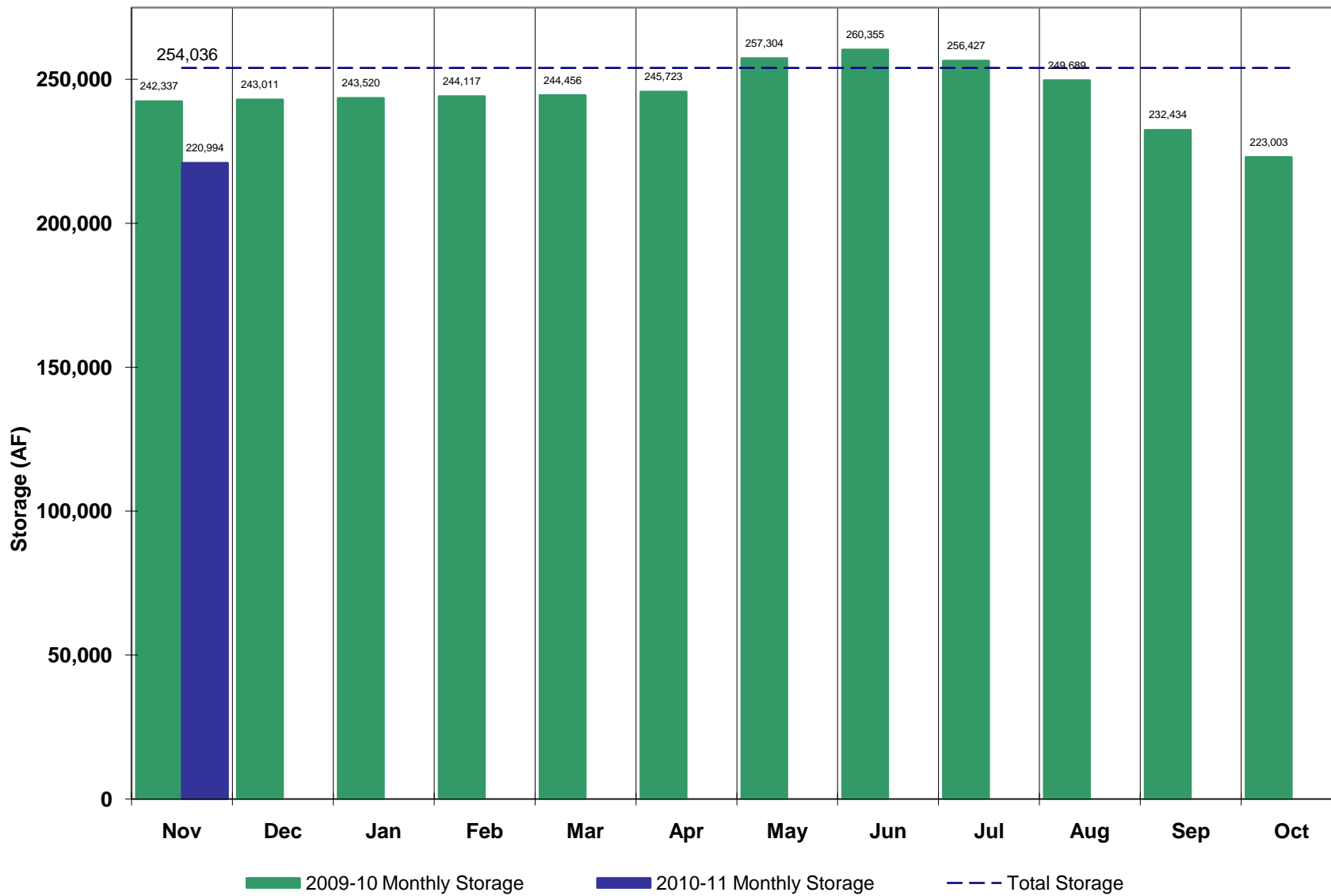
Horse Creek Reservoir

(District 1 - Agricultural)



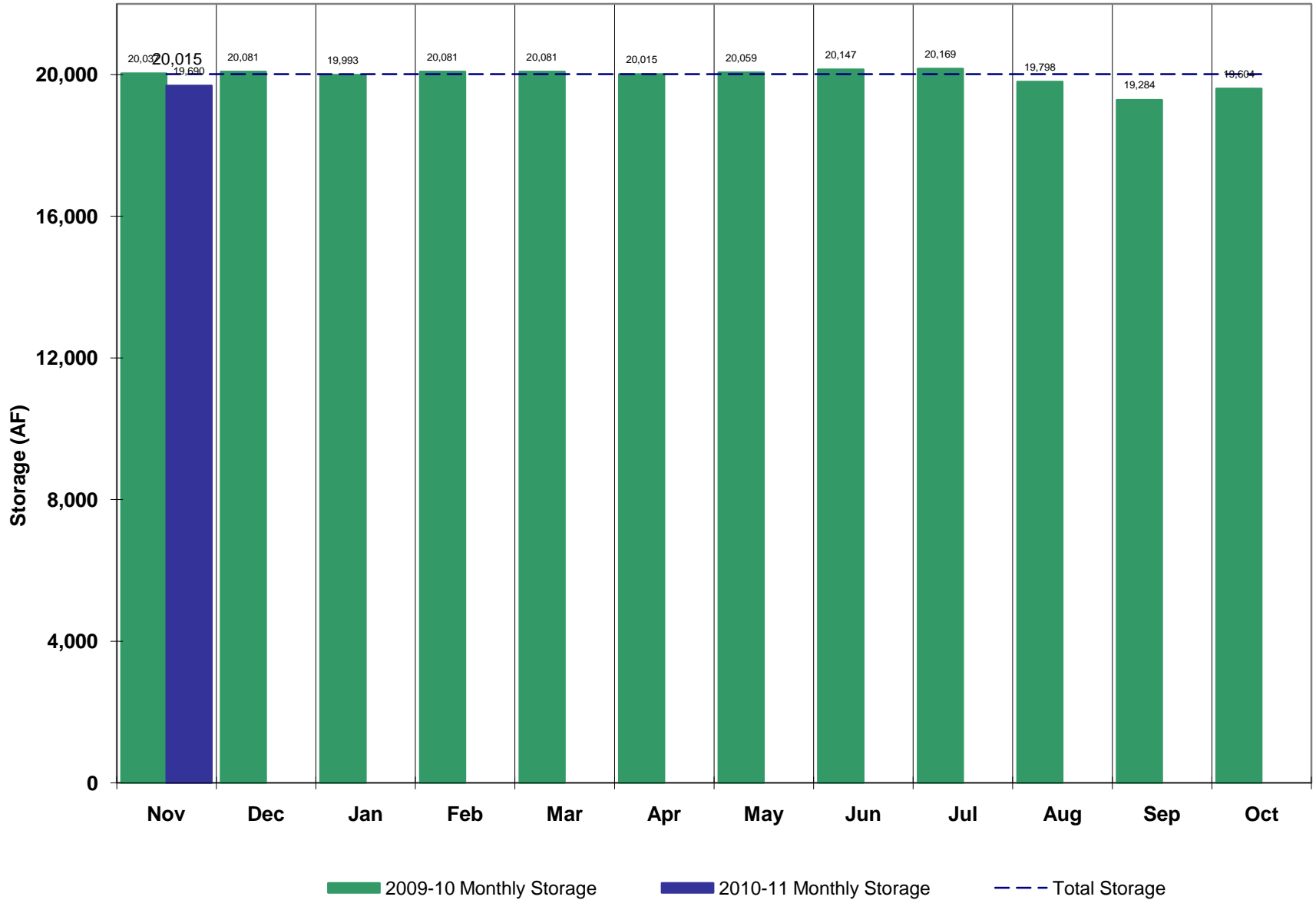
Dillon Reservoir

(Municipal)



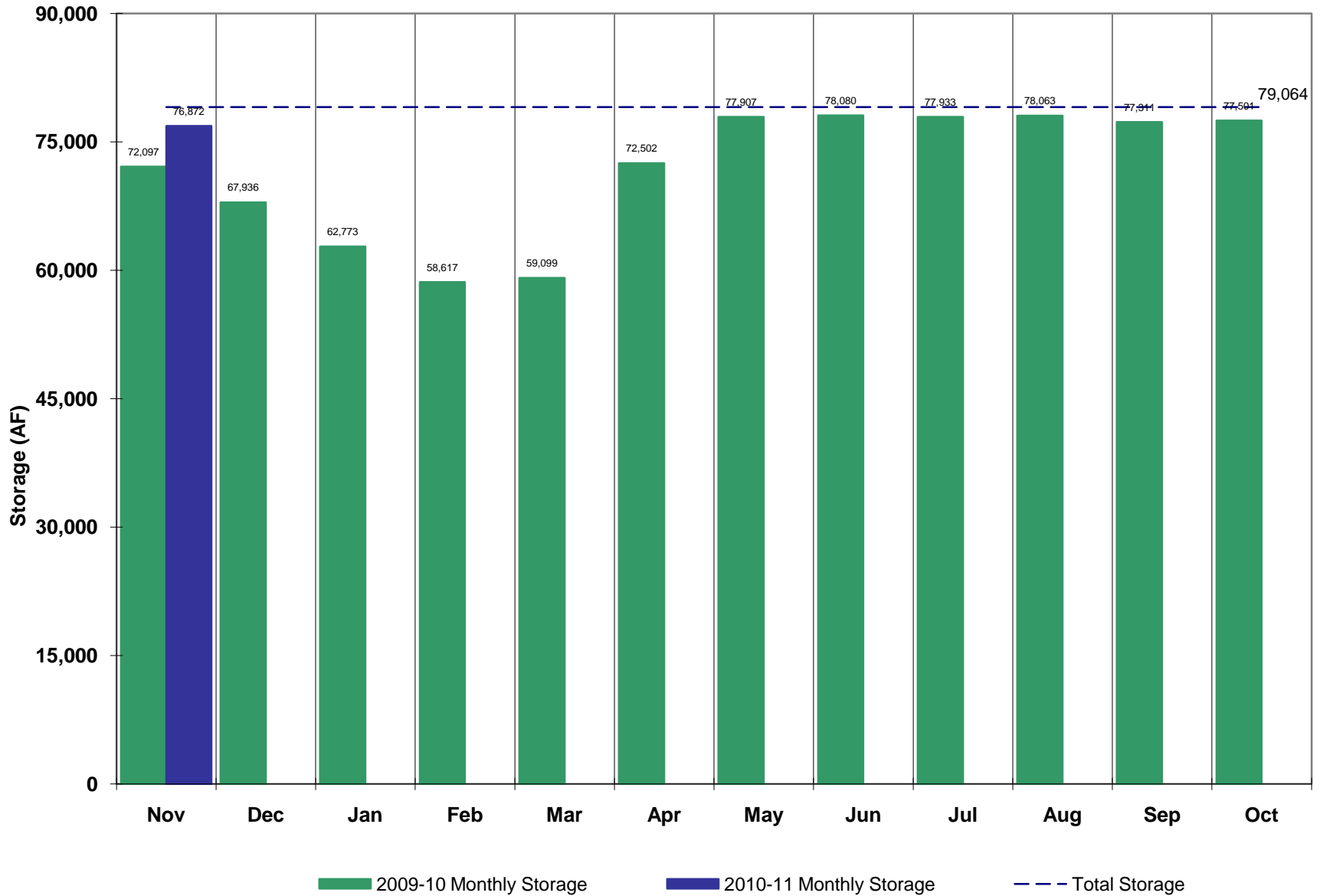
Antero Reservoir

(District 23 - Municipal)



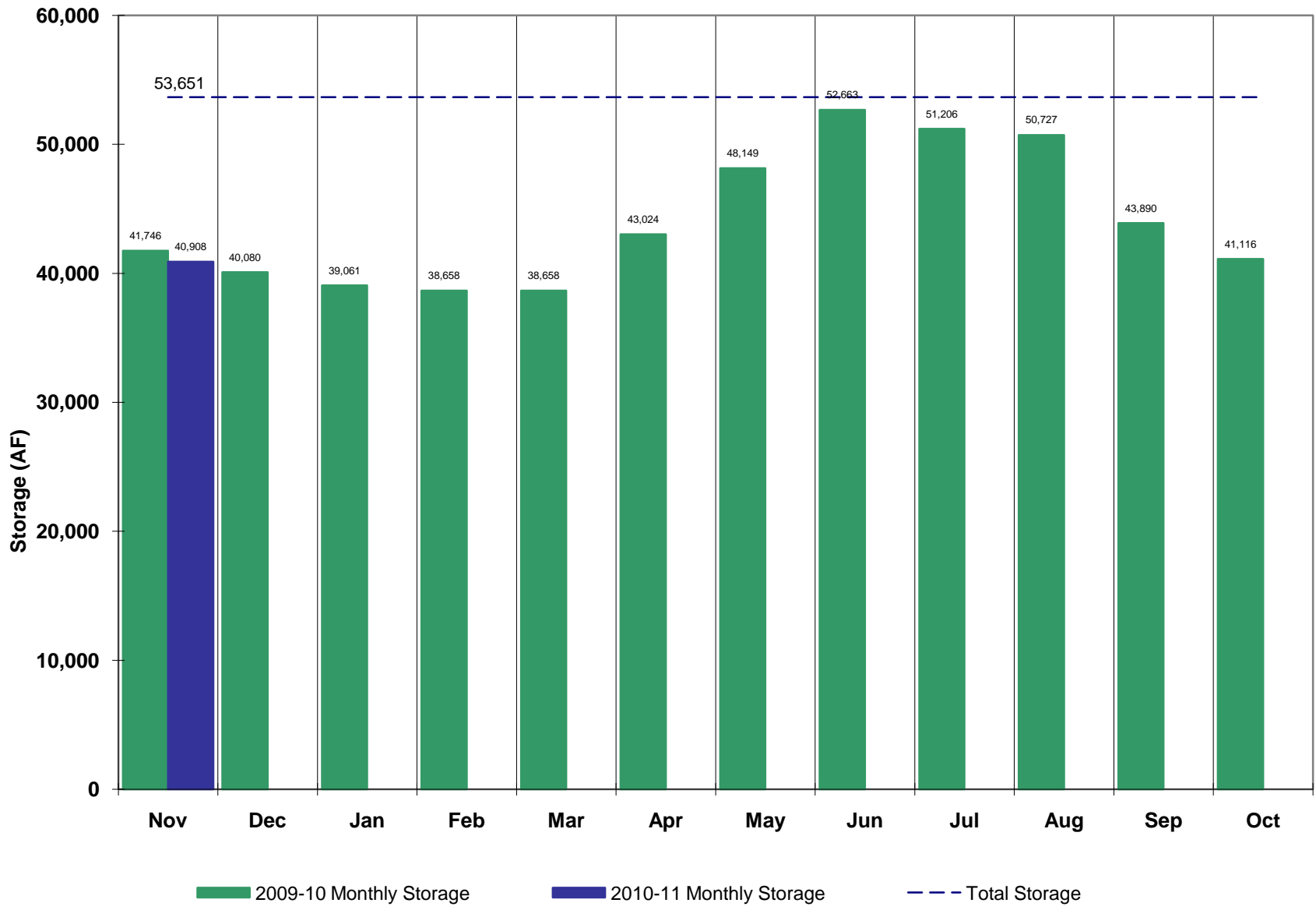
Cheesman Reservoir

(District 80 - Municipal)



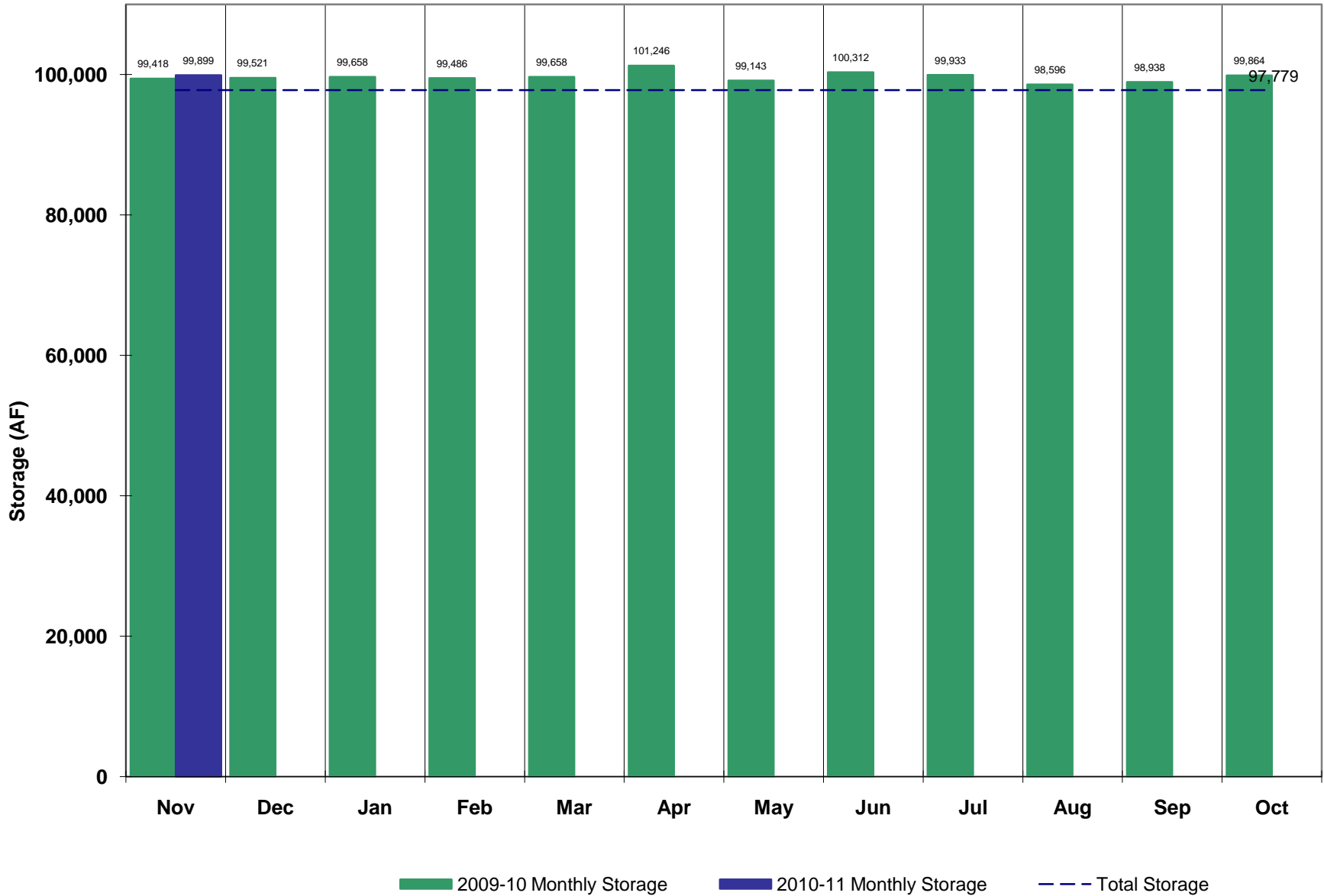
Spinney Mountain Reservoir

(District 23 - Municipal)

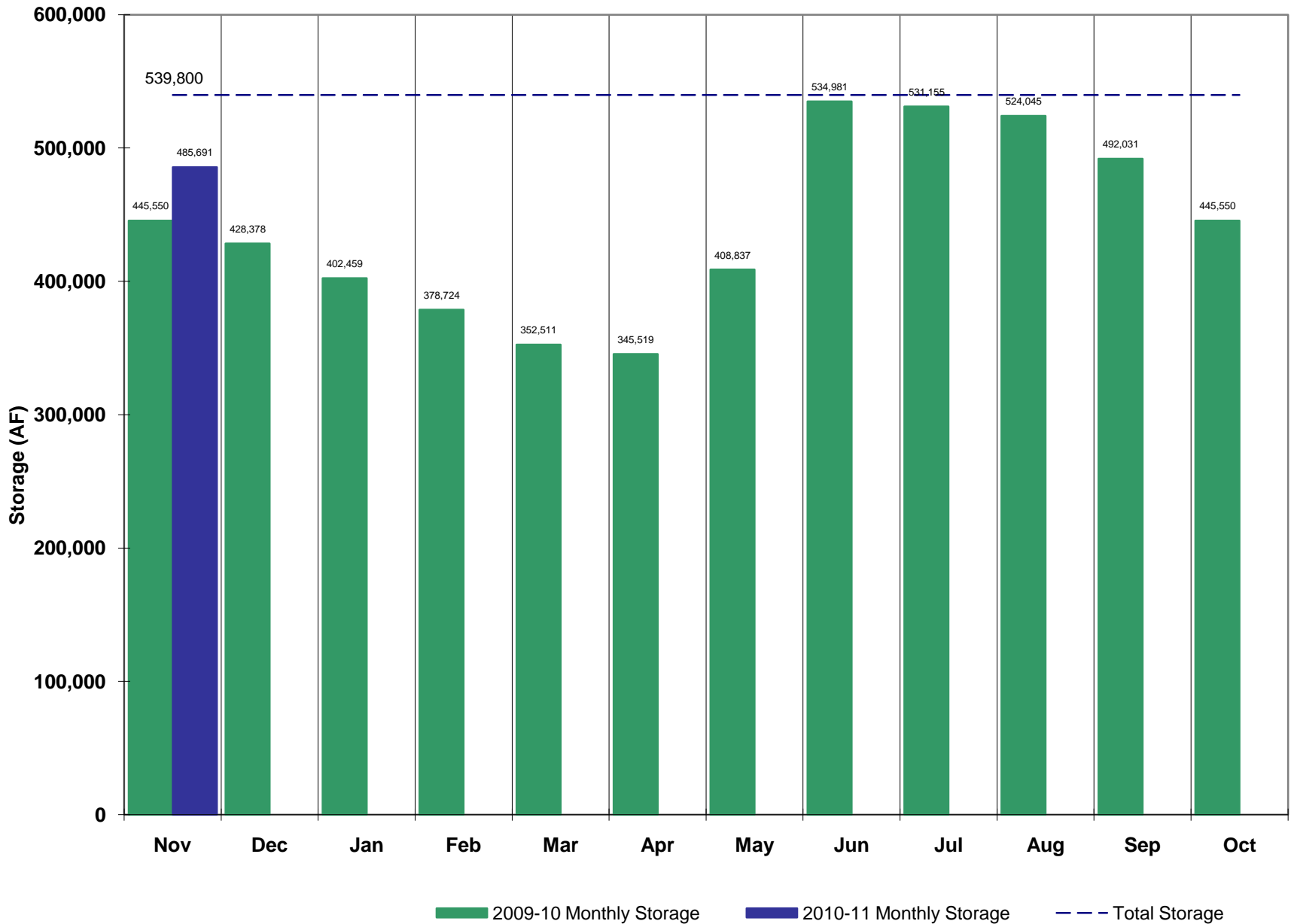


Eleven Mile Reservoir

(District 23 - Municipal)



Lake Granby



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

