

# South Platte Summary

November 2008



Compiled by Jana Ash



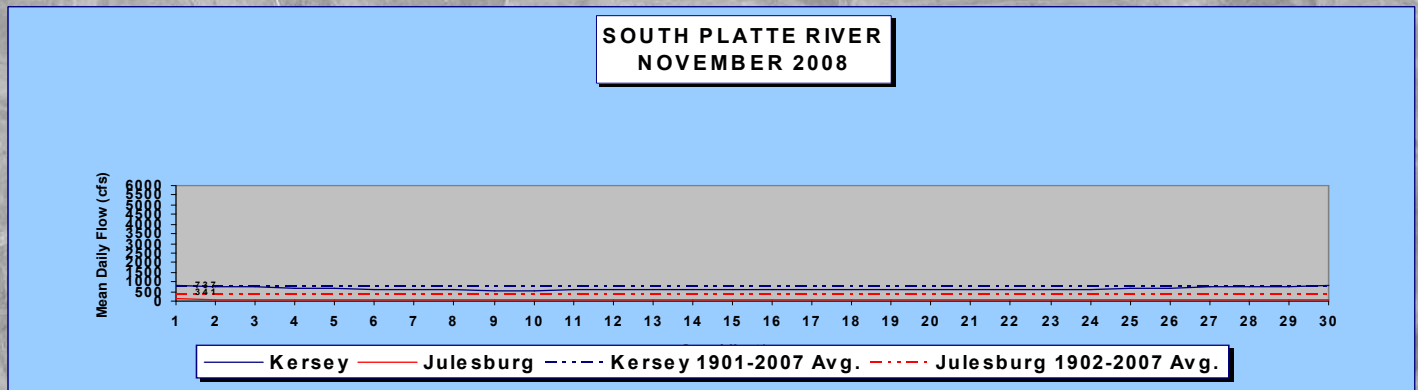
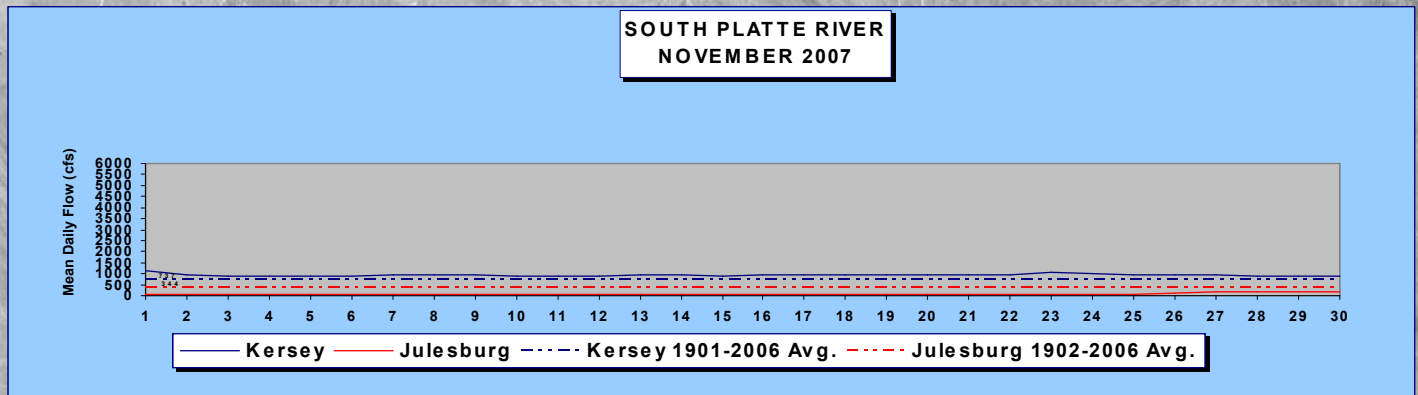
Upper Michigan Outlet  
(Photo by Garver Brown)

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

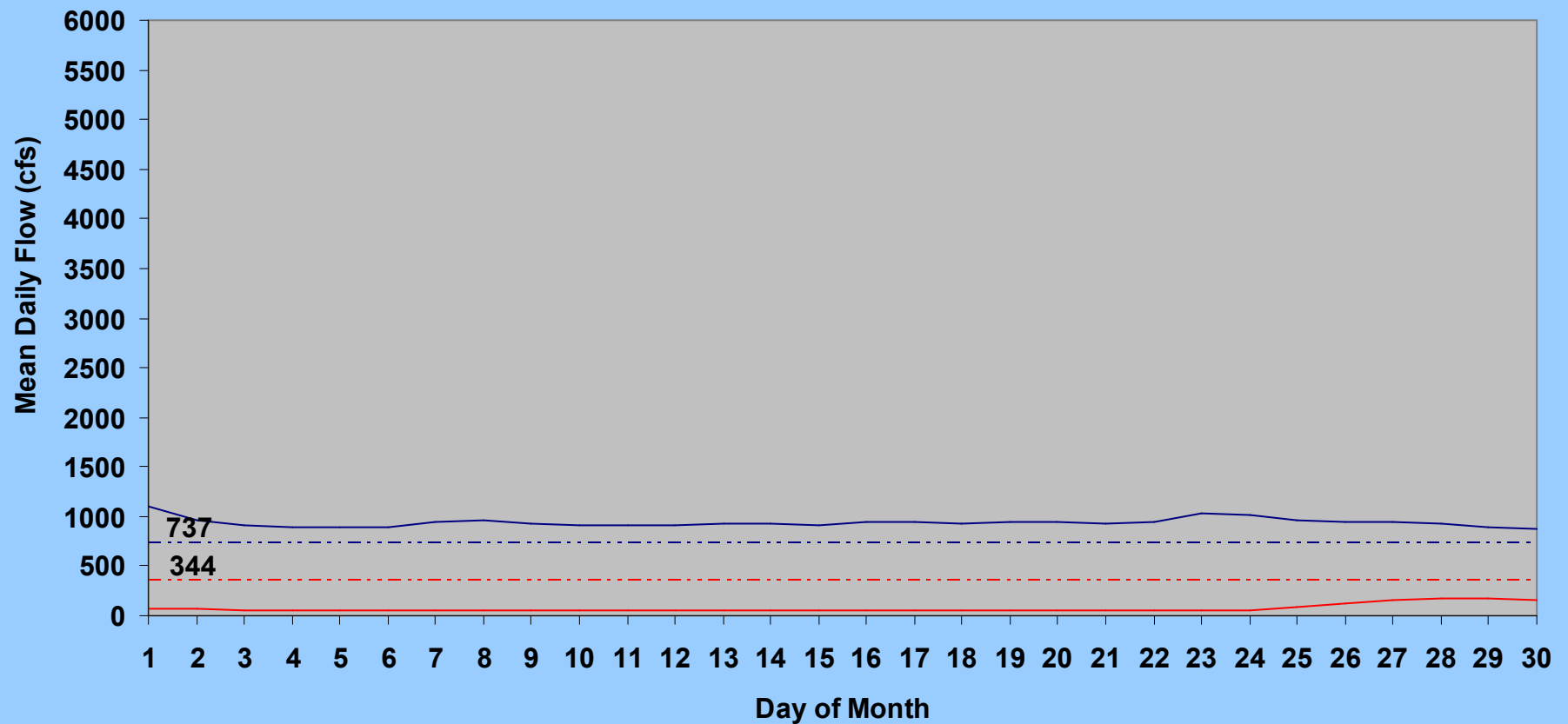
## MONTH OF NOVEMBER 2008

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	6,351	16,384	64	10,033	158%	72%	83%	0
N STERLING	73,730	14,905	26,829	64	11,924	80%	36%	43%	0
PREWITT	28,500	26,540	20,101	64	-6,439	-24%	71%	74%	0
JACKSON	27,257	7,029	13,853	1	6,824	97%	51%	69%	0
EMPIRE	37,700	3,332	3,298	1	-34	-1%	9%	22%	0
RIVERSIDE	63,113	18,574	28,615	1	10,041	54%	45%	70%	0
BARR LAKE	31,652	14,067	14,682	2	615	4%	46%	44%	0
CHEESMAN	79,064	65,059	65,760	80	701	1%	83%	77%	0
ELEVEN MILE	97,779	99,418	99,589	23	171	0%	100%	100%	1,810
SPINNEY	53,651	42,170	43,672	23	1,502	4%	81%	77%	0
ANTERO	20,015	21,191	20,347	23	-844	-4%	100%	100%	332

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>649</b>
<b>JULESBURG</b>	<b>64</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>938</b>
<b>JULESBURG</b>	<b>71</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>737</b>
<b>JULESBURG</b>	<b>341</b>
* 1901-2007	
1902-2007	

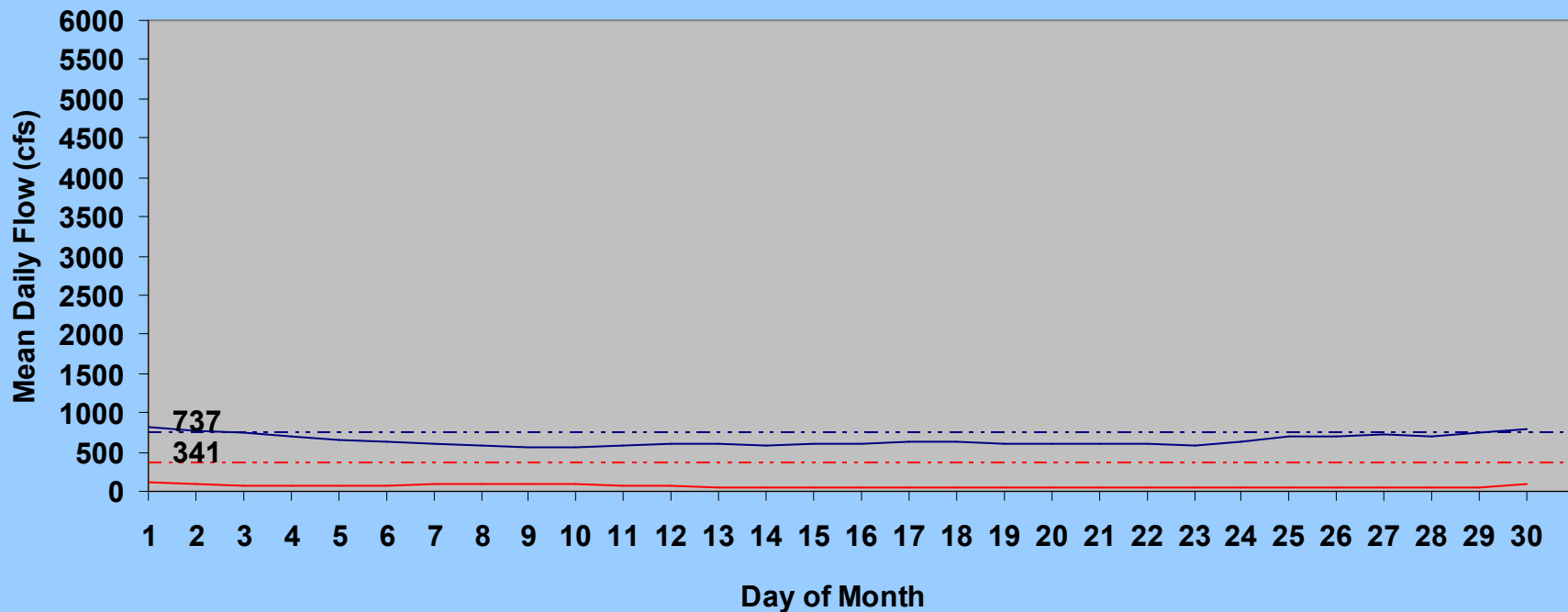


# SOUTH PLATTE RIVER NOVEMBER 2007



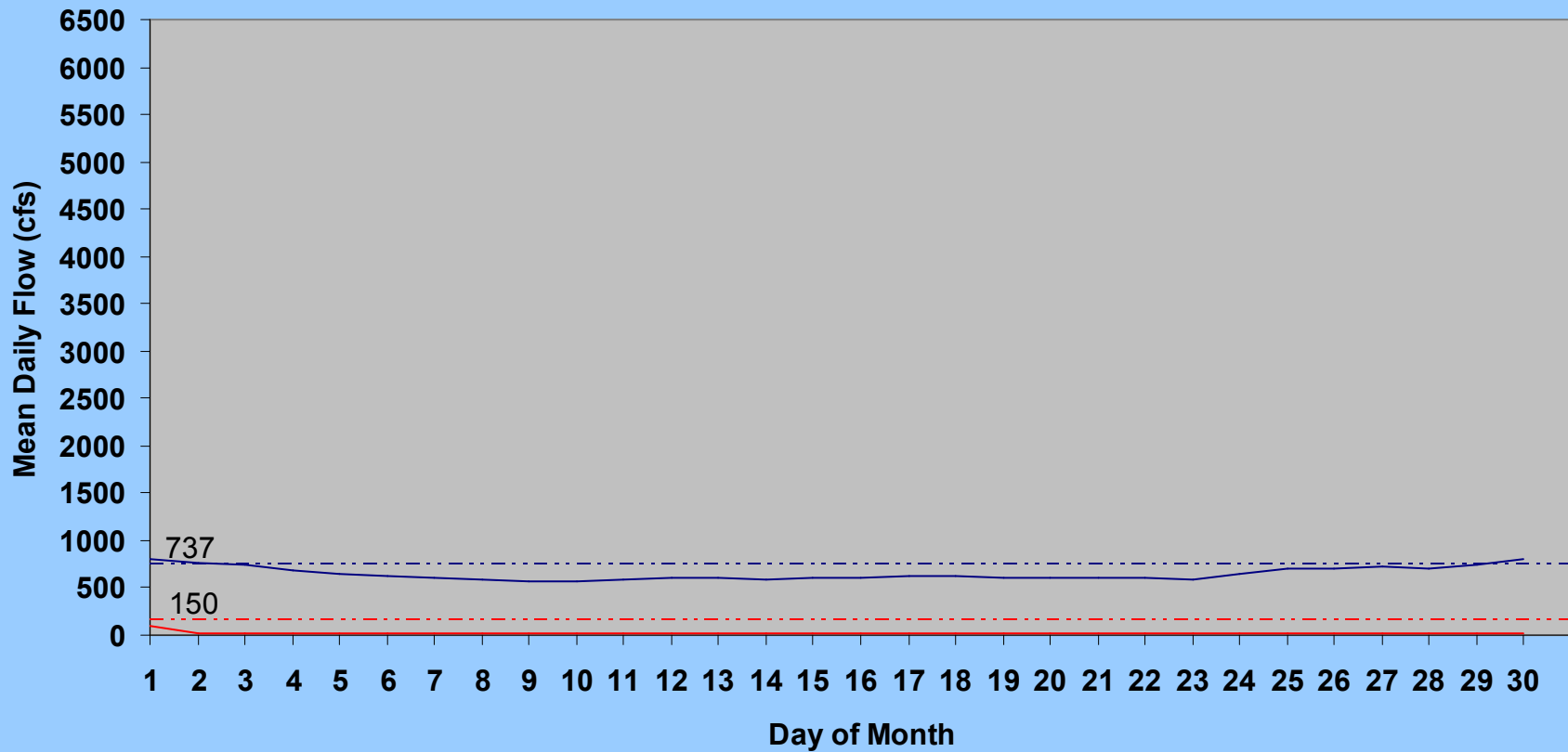
— Kersey — Julesburg - - - Kersey 1901-2006 Avg. - - - Julesburg 1902-2006 Avg.

# SOUTH PLATTE RIVER NOVEMBER 2008



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

# KERSEY and BALZAC NOVEMBER 2008



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

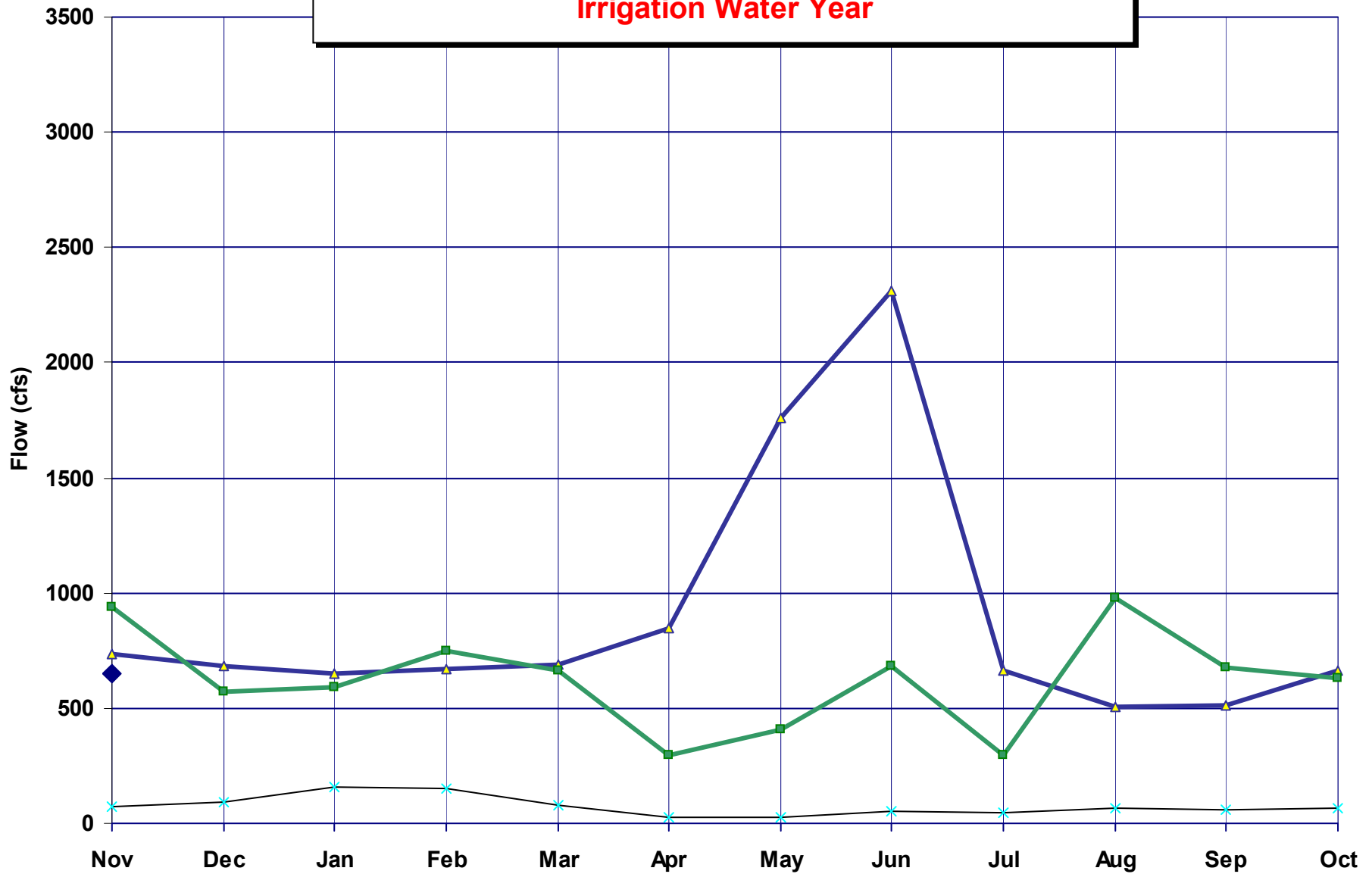
## South Platte River Monthly Stream Flow (cfs) Statistics

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		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 1901-2007							*Period of record 1902-2007						

South Platte River at  
Waterton  
(Photo by Jana Ash)

# South Platte River at Kersey

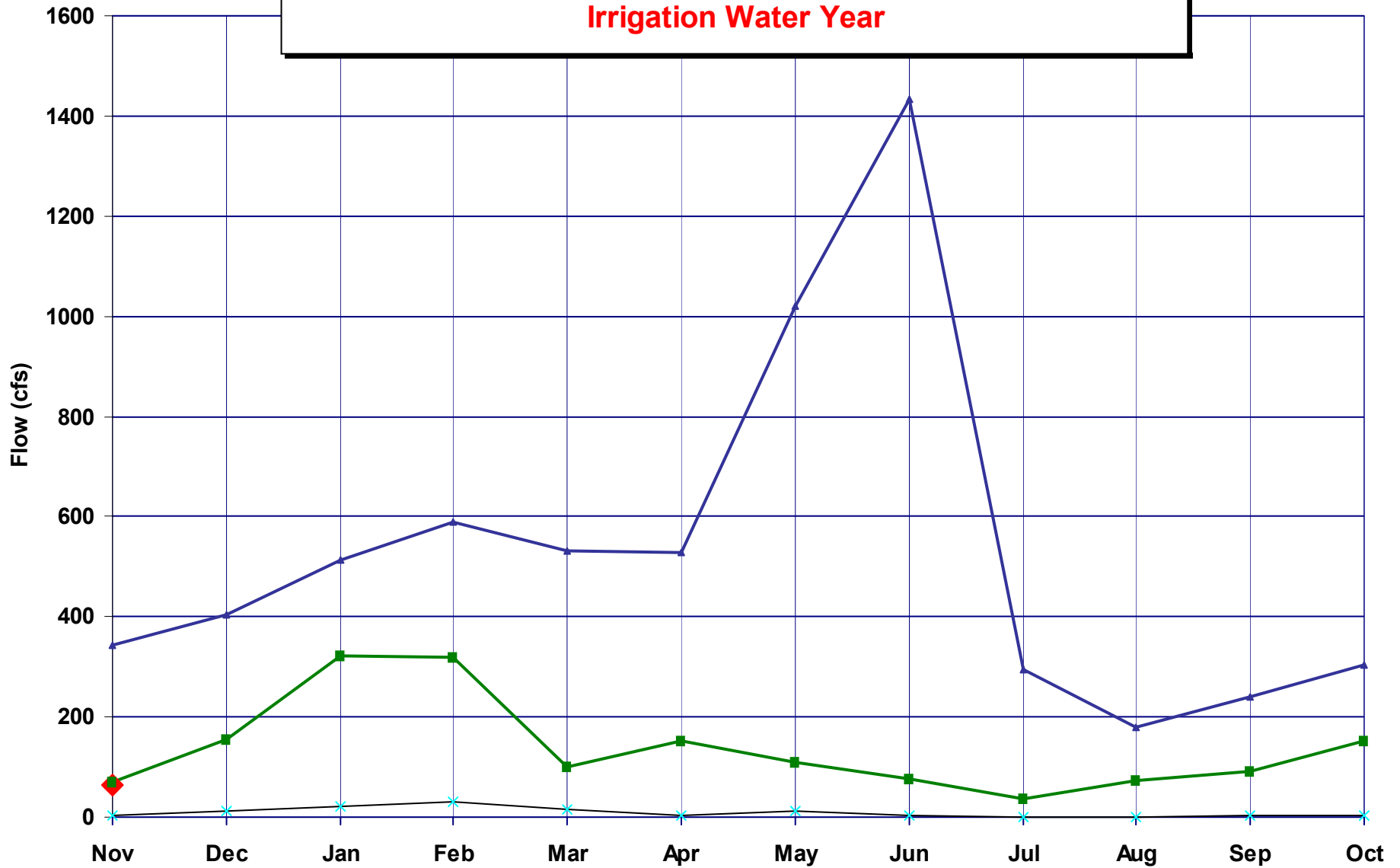
Irrigation Water Year



—▲— Historic\* Mean Flow —\*— Historic\* Min Flow —◆— 2008-2009 Mean Flow —■— 2007-2008 Mean Flow  
\*1901-2007

# South Platte River at Julesburg

Irrigation Water Year



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

\*1902-2007



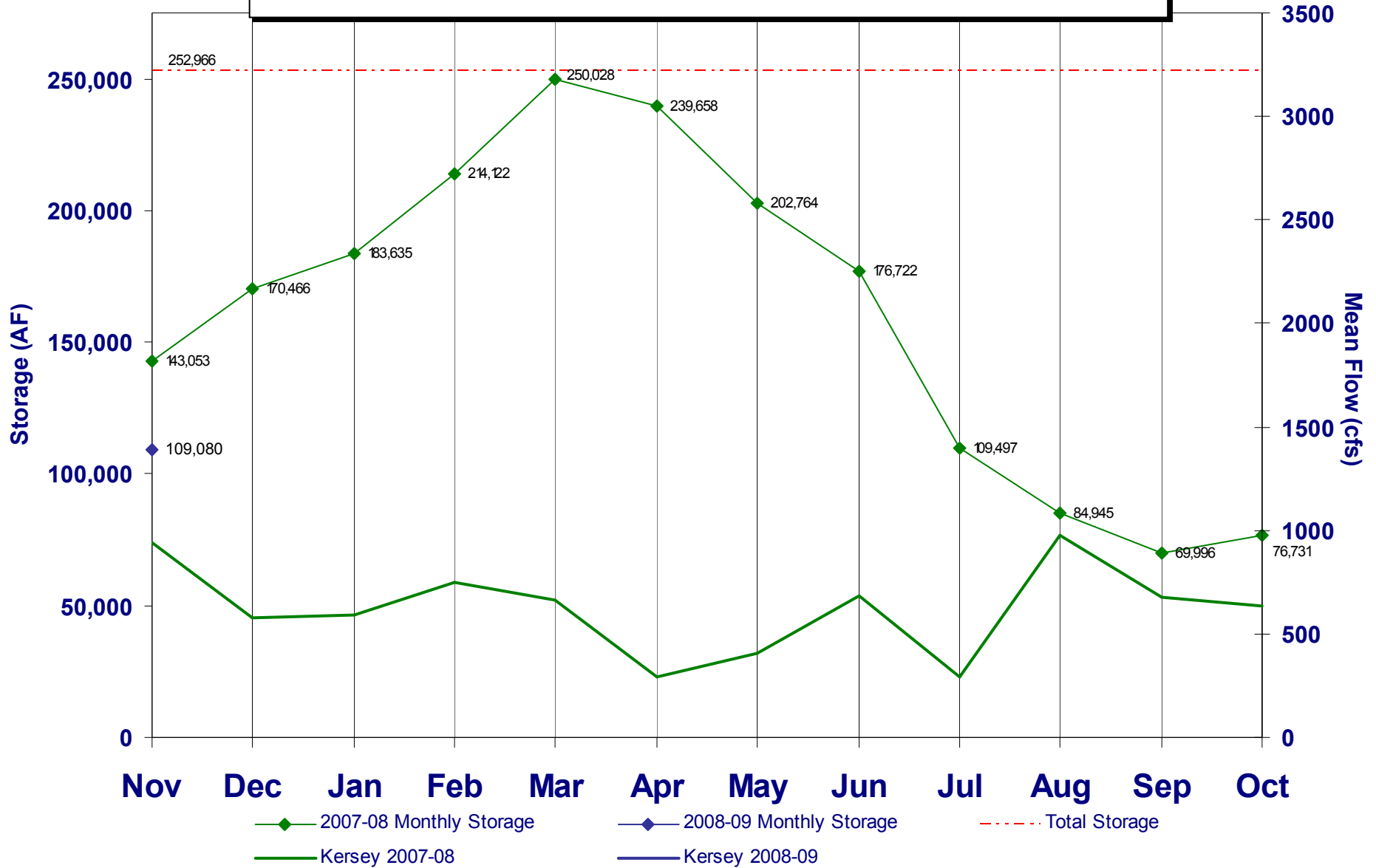
**Next four slides show Reservoir Storage below and above  
Kersey**



**South Platte River at Waterton  
(Photo by Jana Ash)**

# Reservoir Storage below Kersey

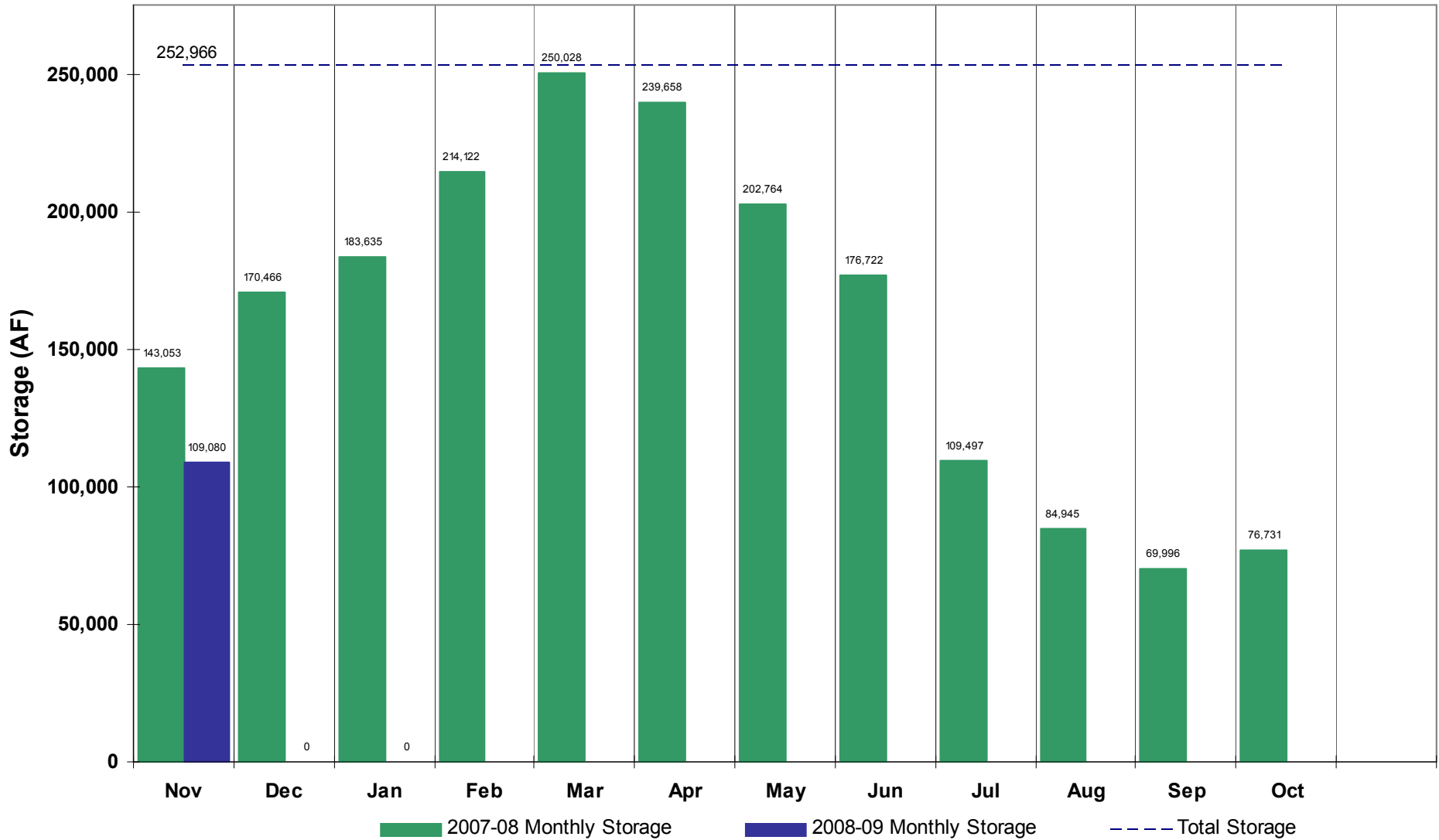
Selected Reservoirs\*



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

# South Platte Reservoirs

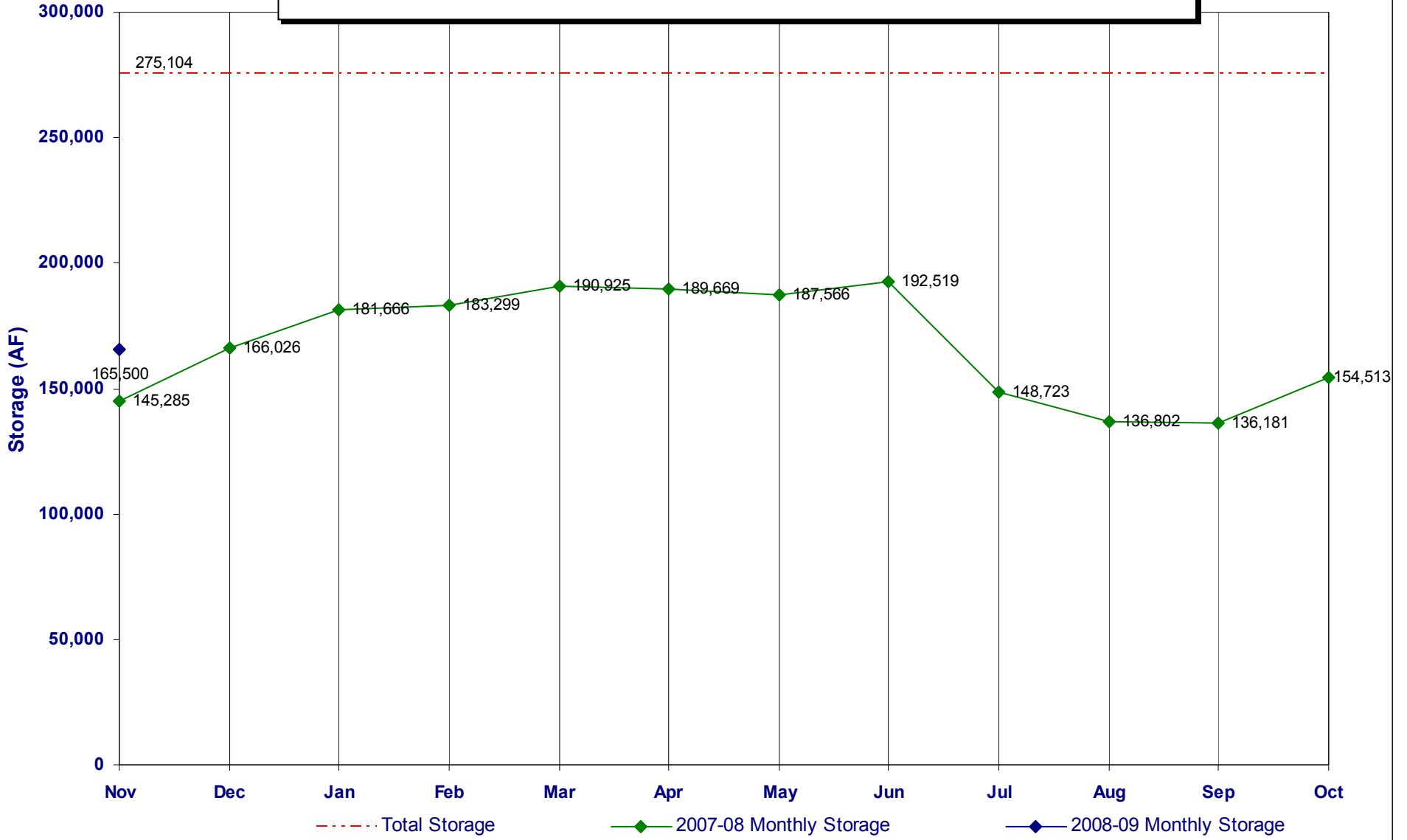
## Storage below Kersey\*



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

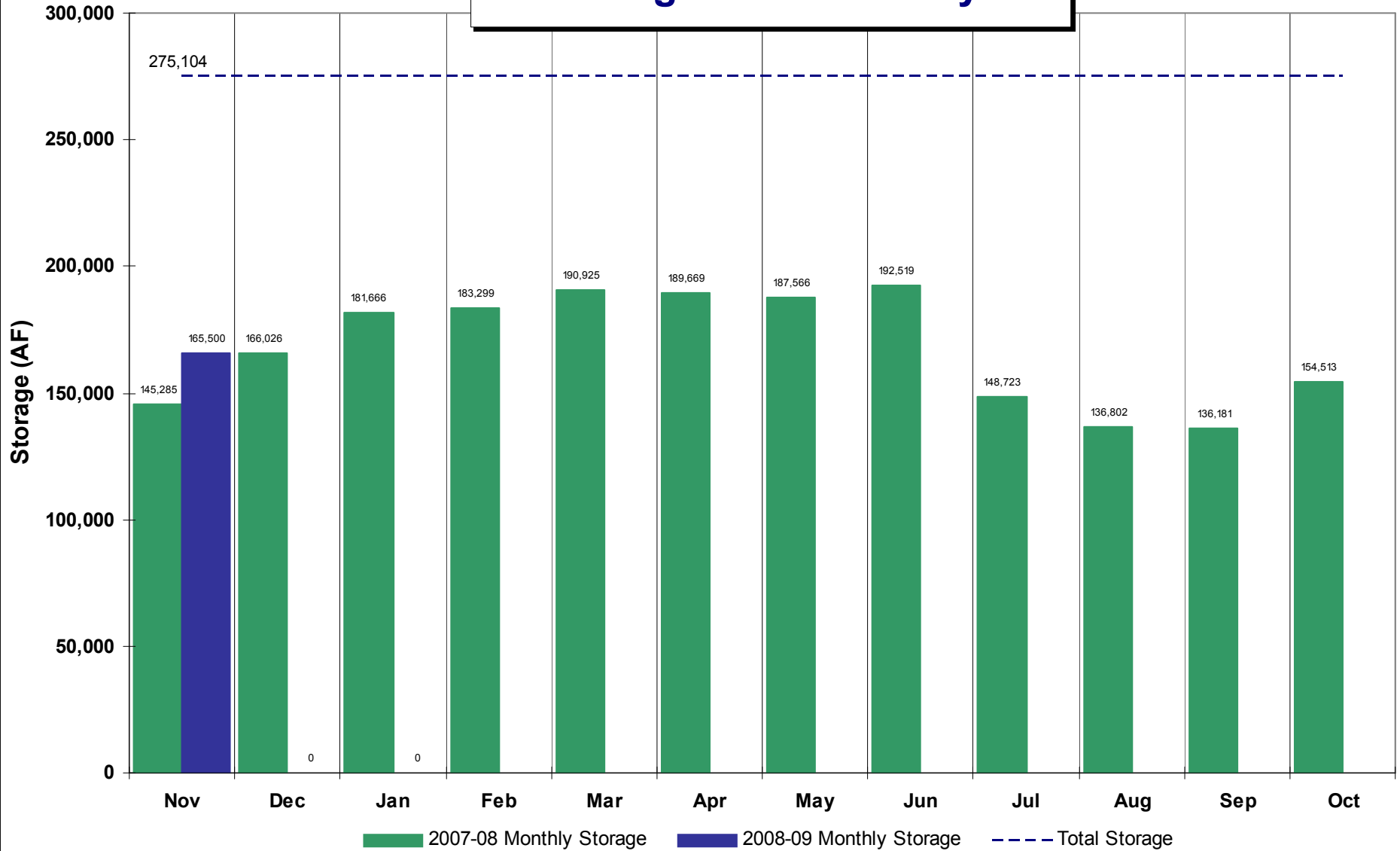
# Reservoir Storage above Kersey

## 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\*



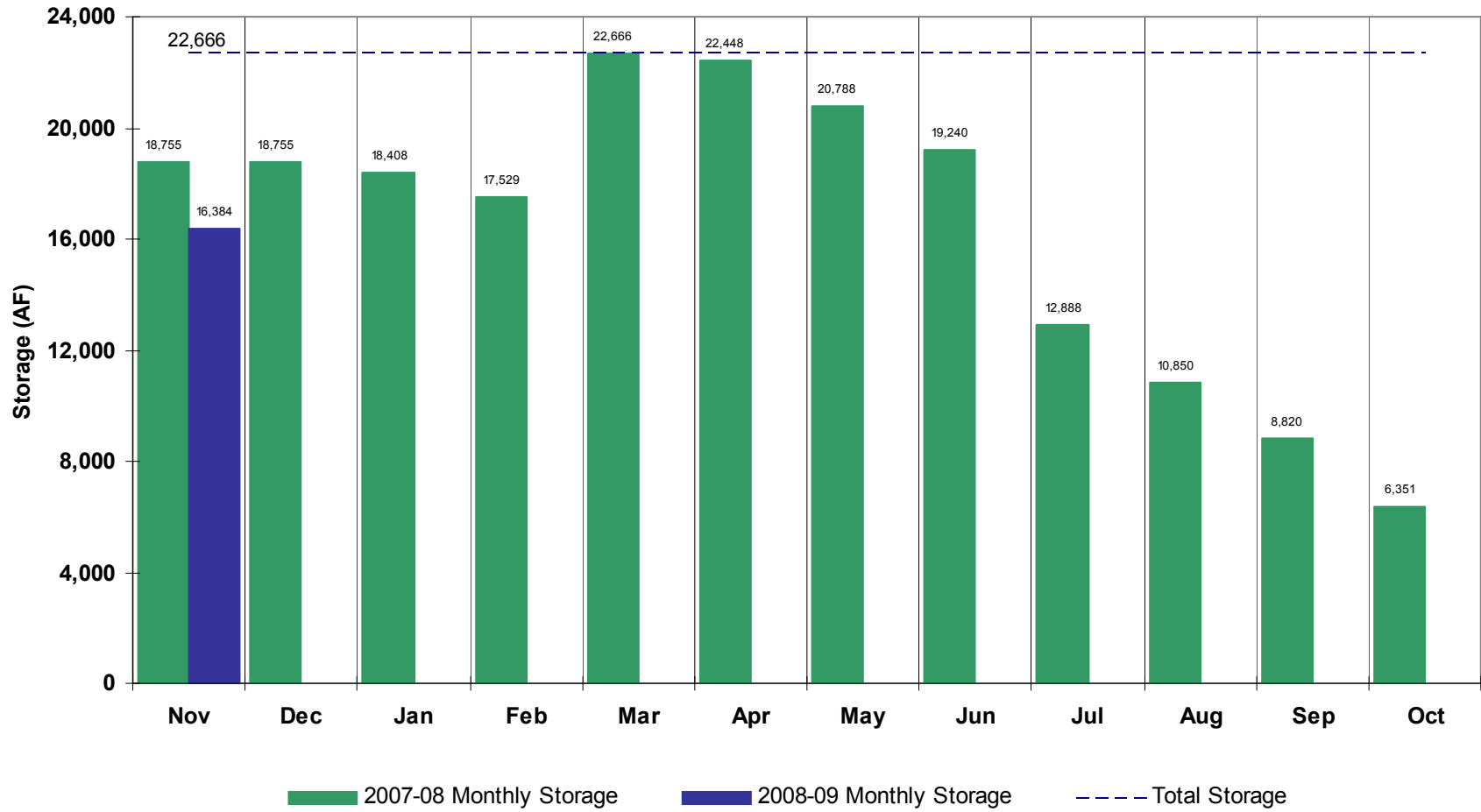
# Individual Reservoir Storage Follows



**Michigan Reservoir**  
**(Photo by Garver Brown)**

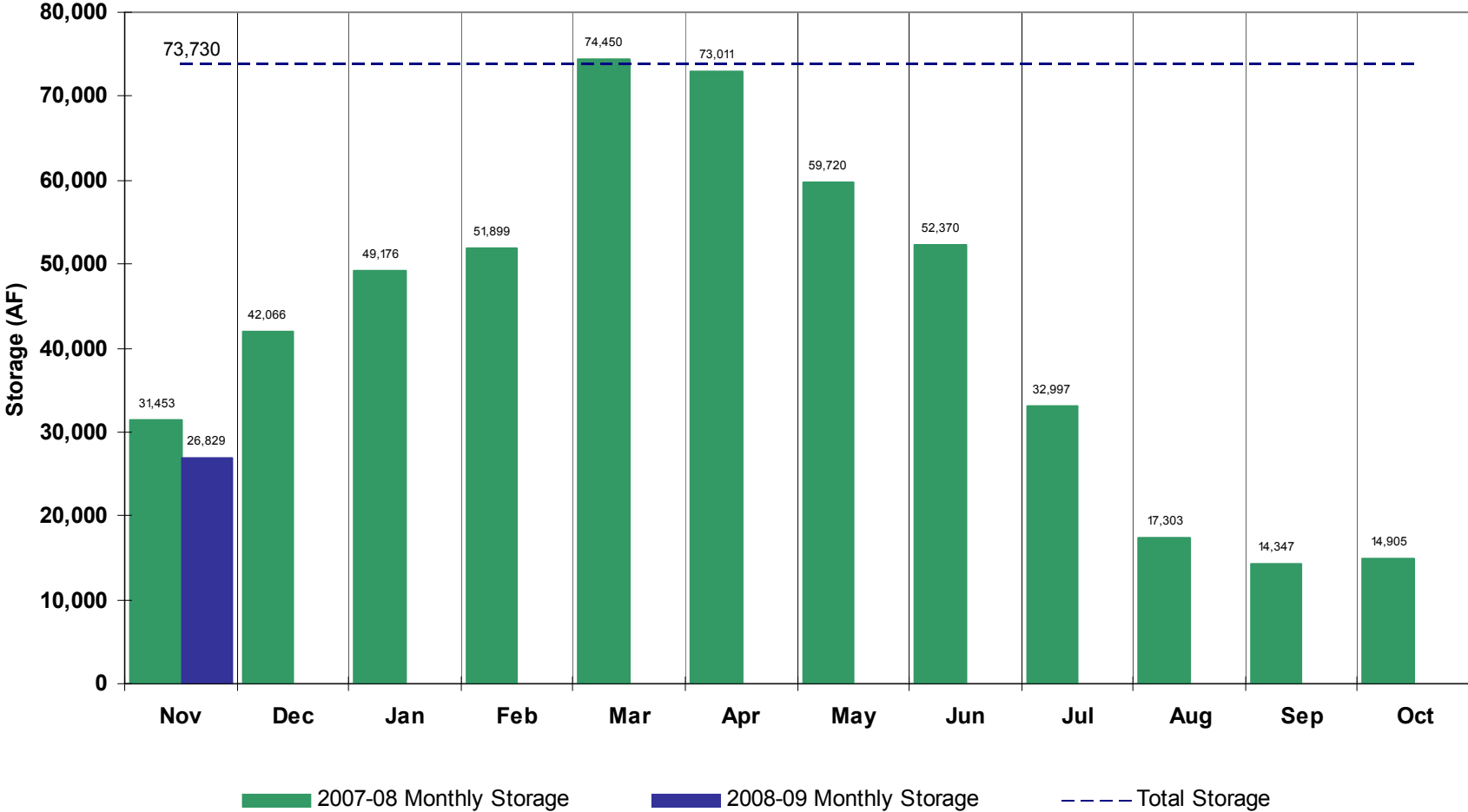
# Julesburg Reservoir

(District 64 - Agricultural)



# North Sterling Reservoir

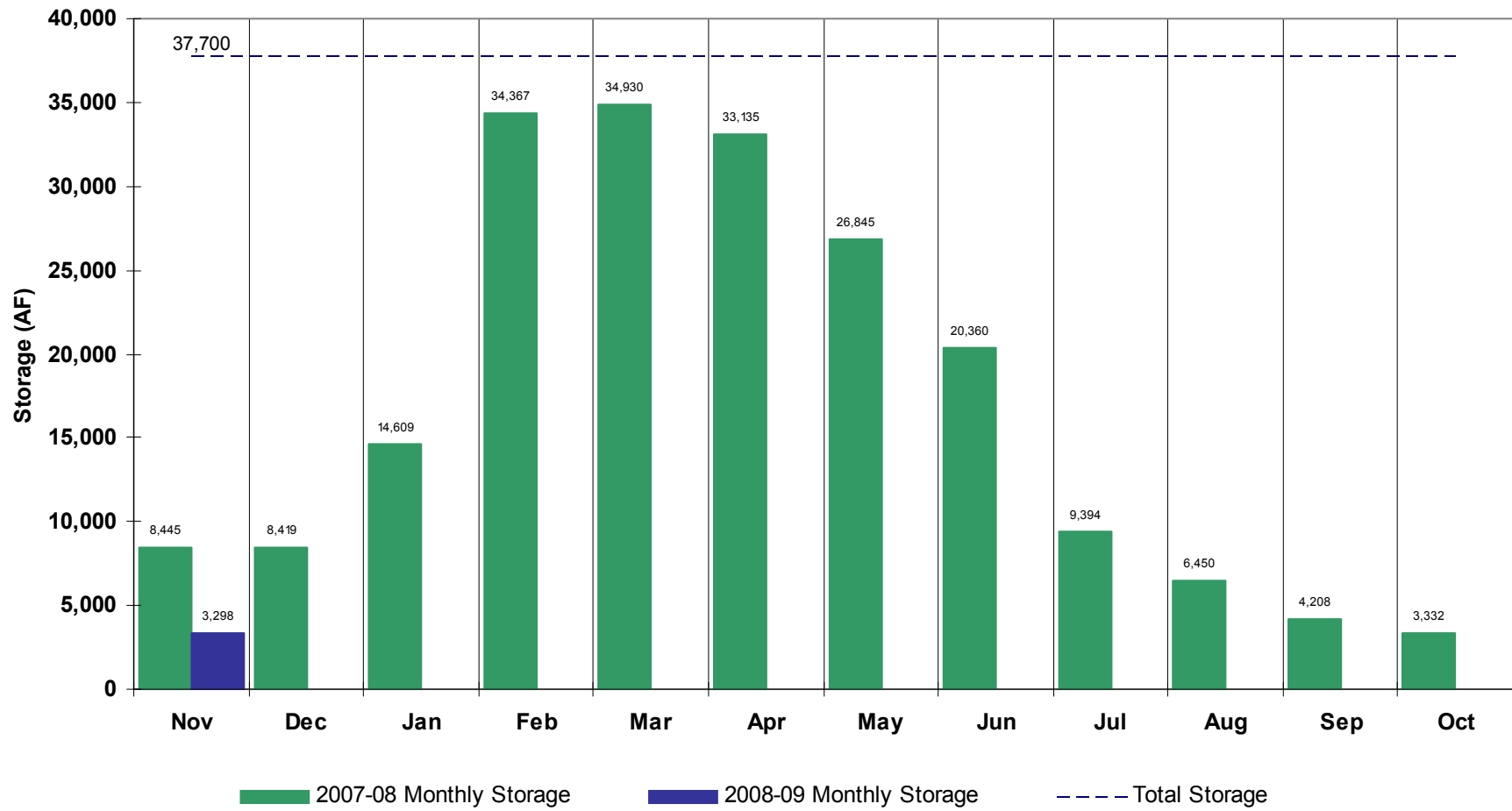
(District 64- Agricultural)





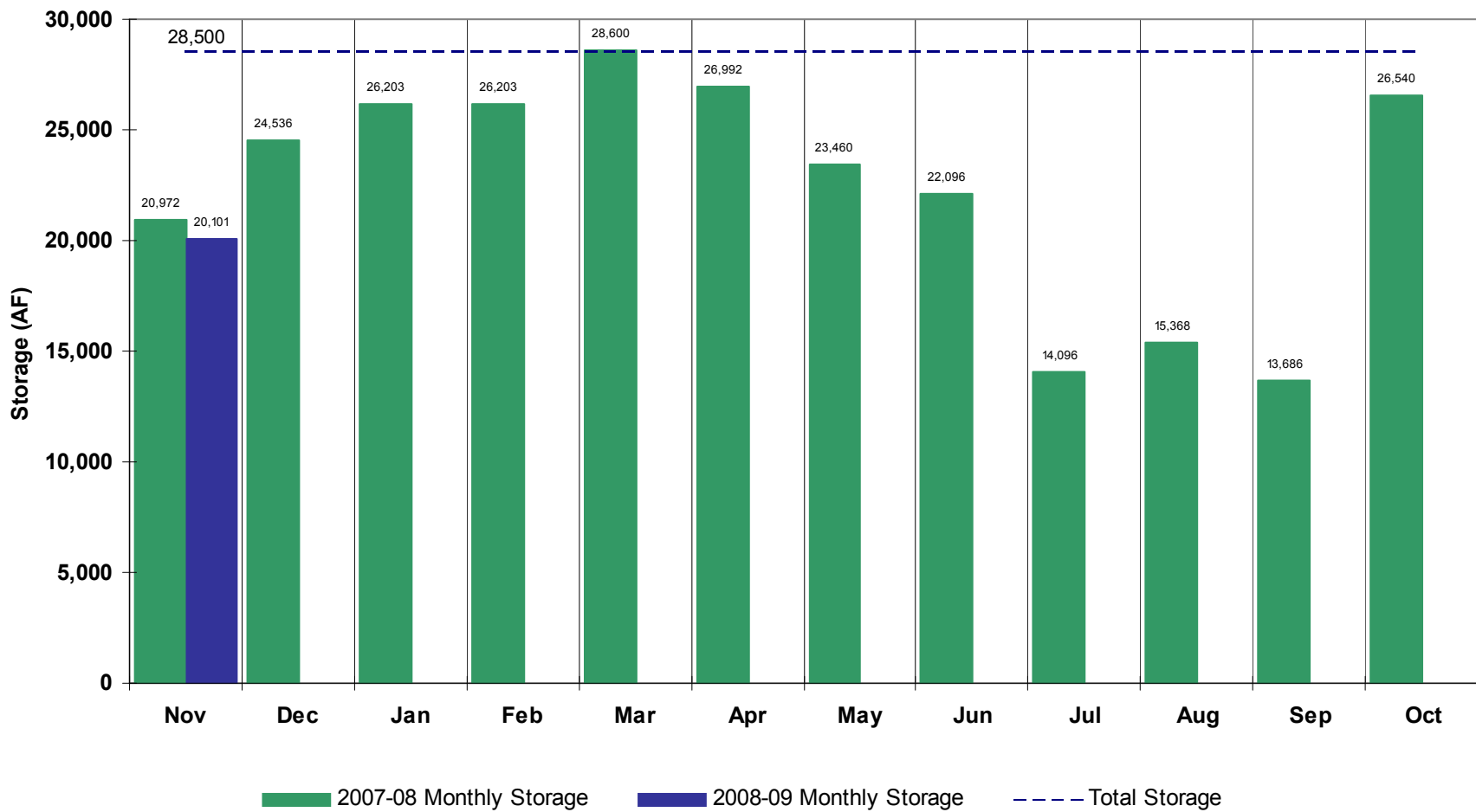
# Empire Reservoir

(District 1 - Agricultural)



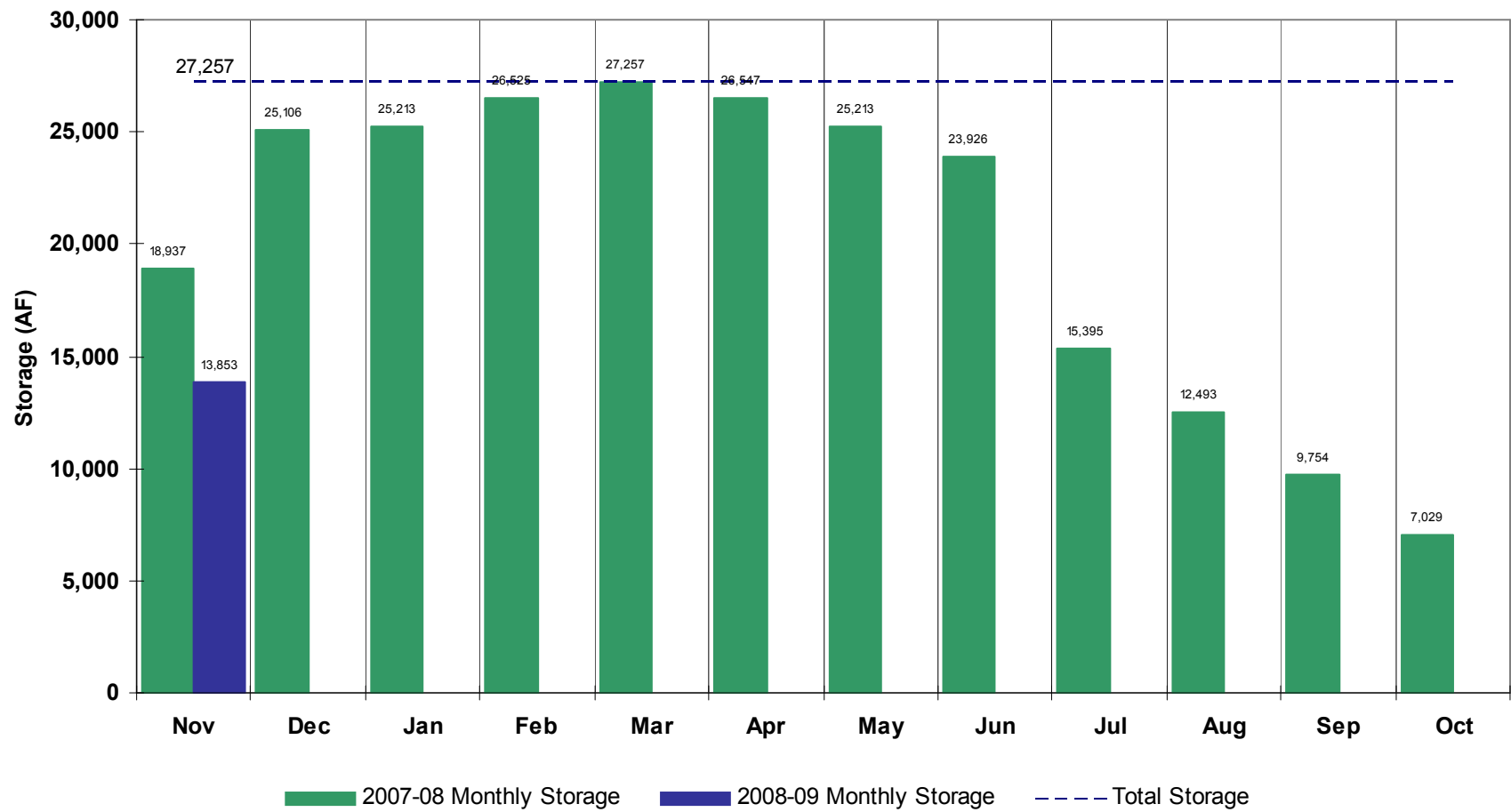
# Prewitt Reservoir

(District 64- Agricultural)



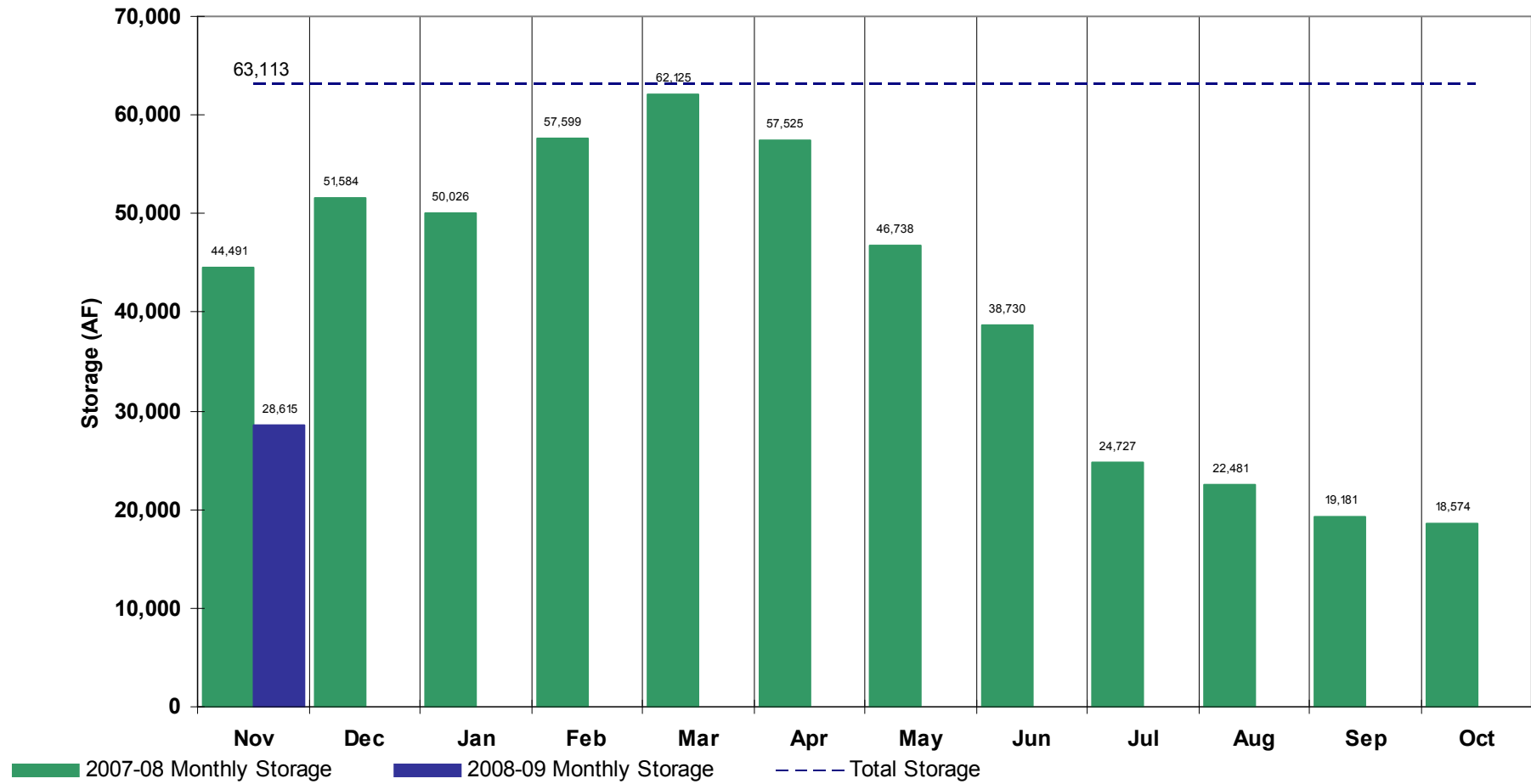
# Jackson Reservoir

(District 1- Agricultural)



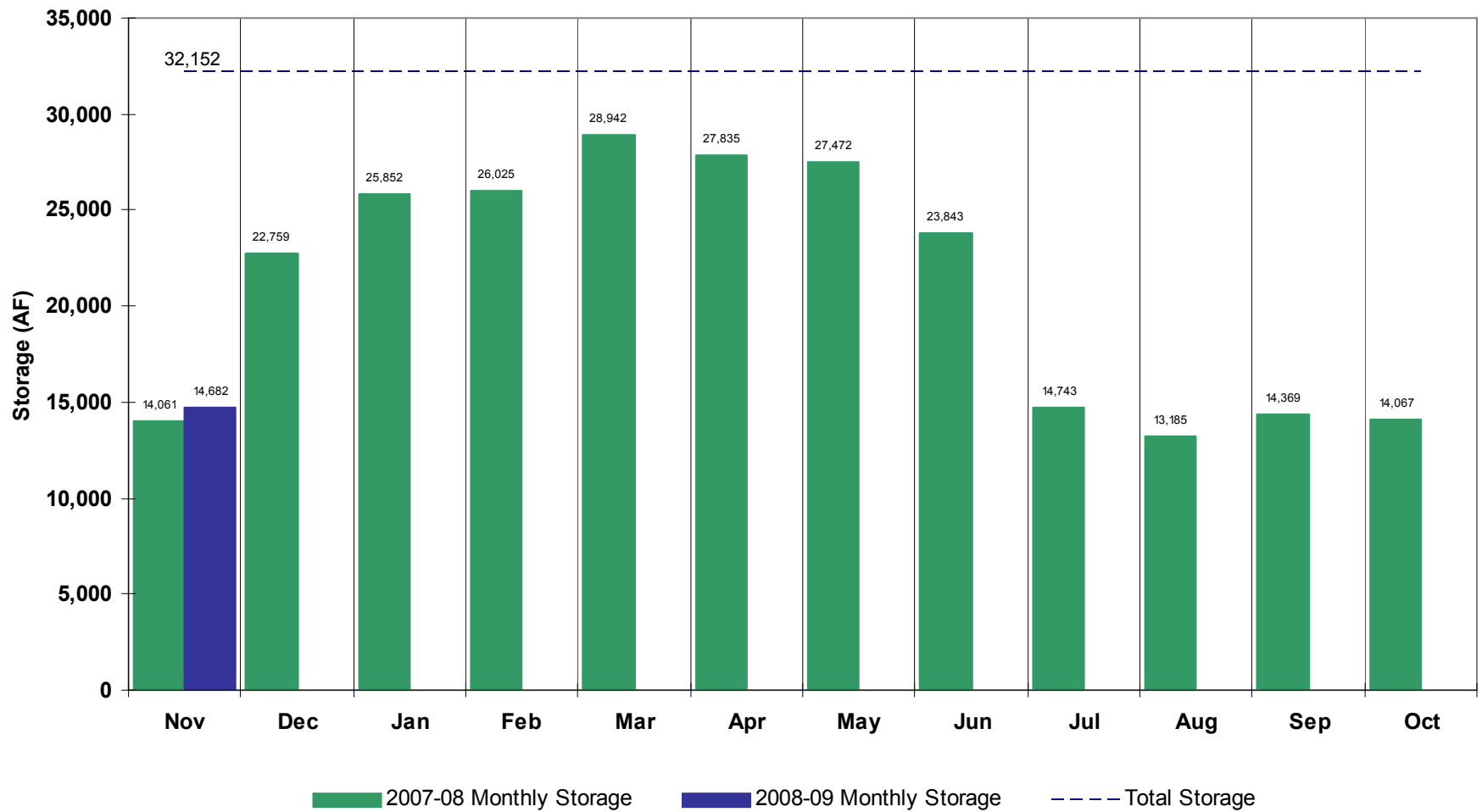
# Riverside Reservoir

(District 1 - Agricultural)



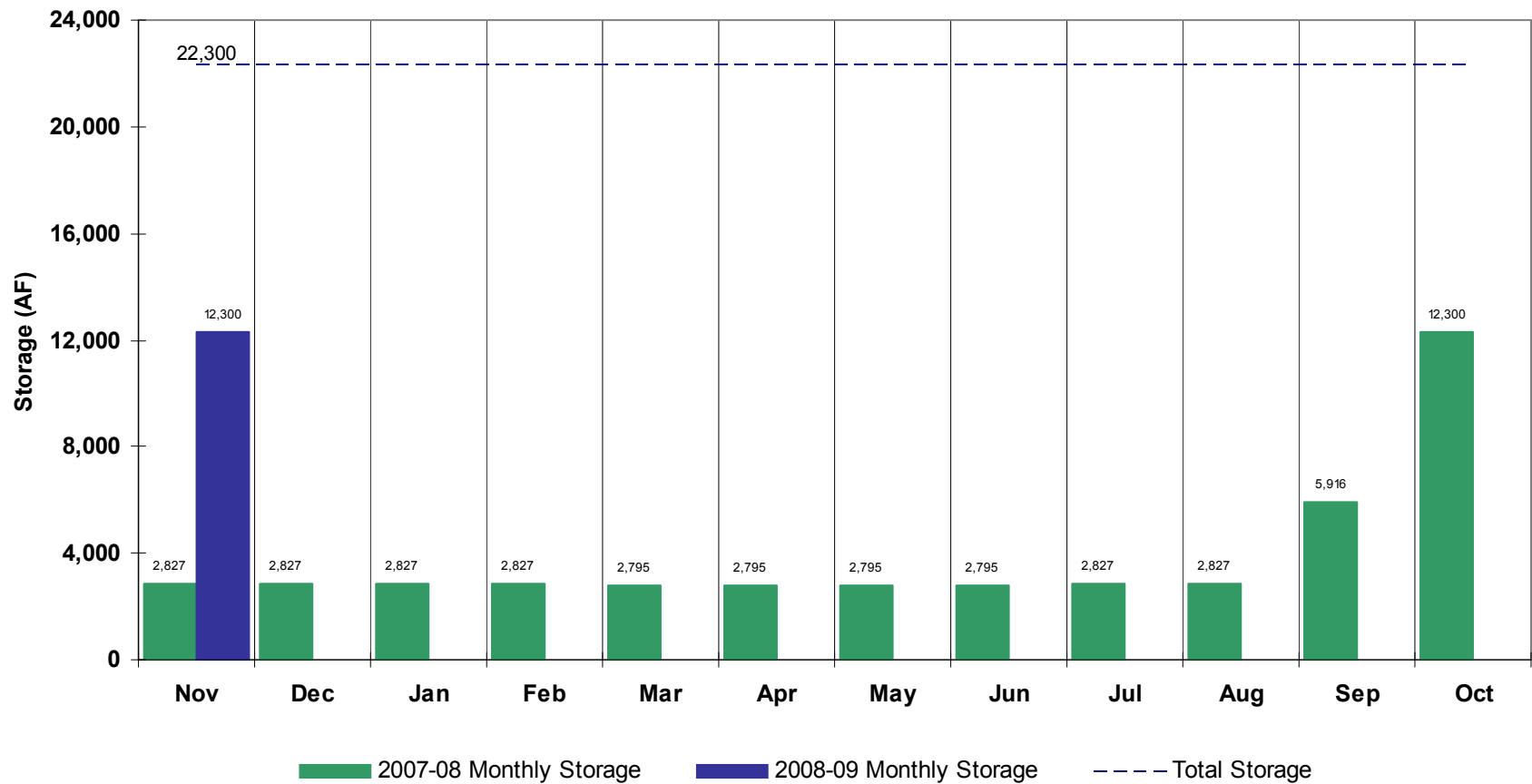
# Barr Lake

(District 2 - Agricultural)



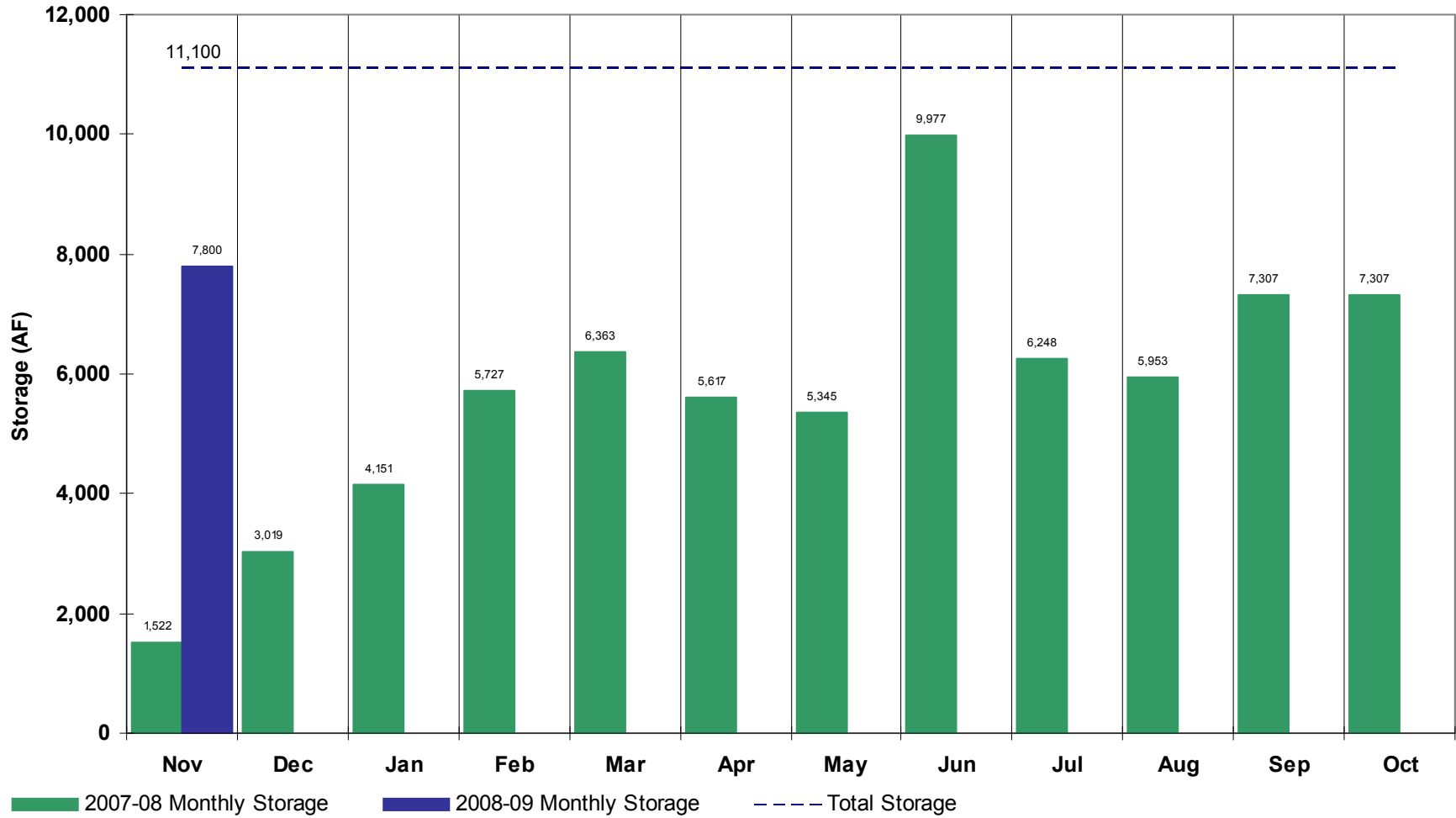
# Cobb Lake

(District 3, Poudre River - Agricultural)



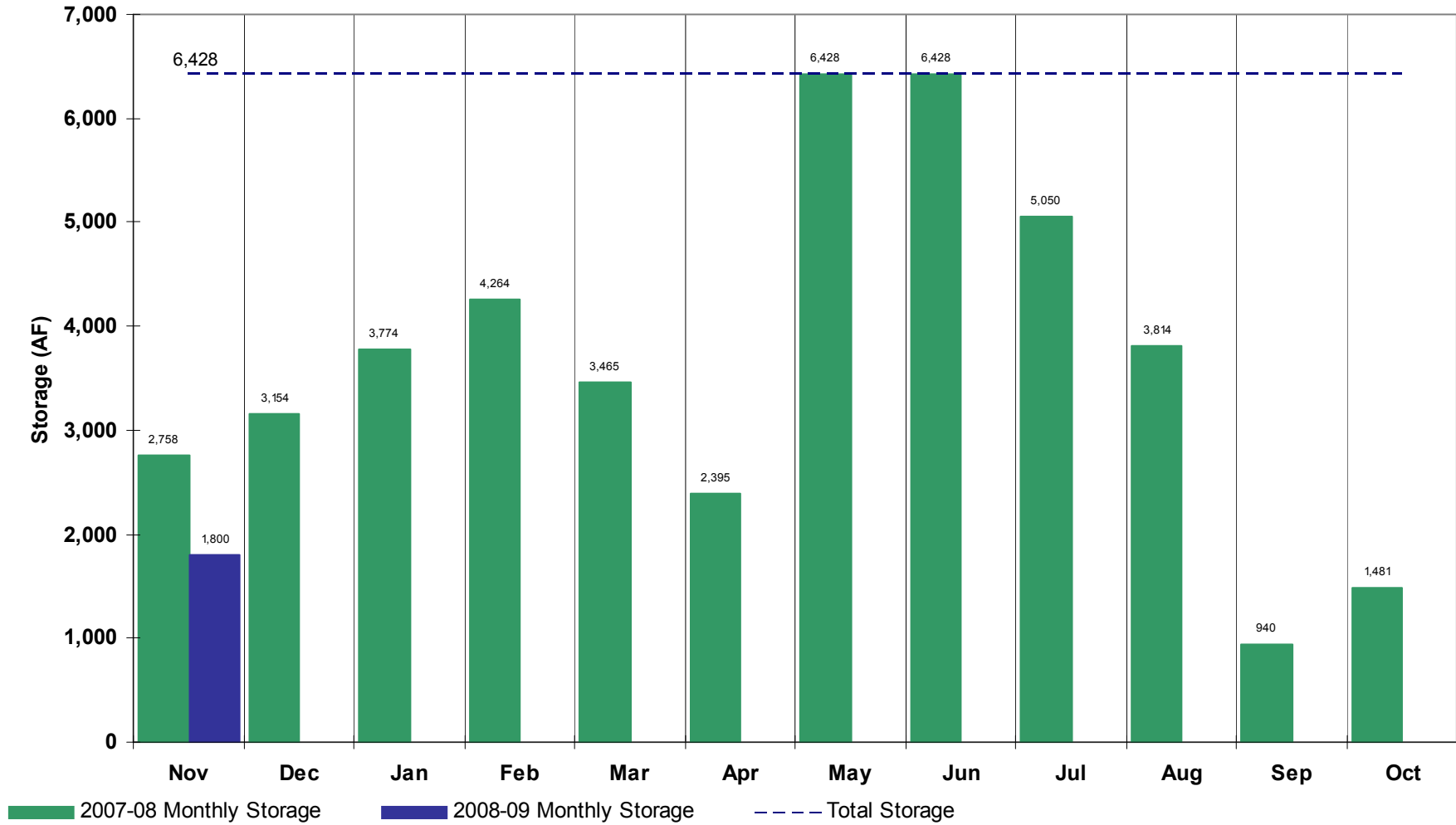
# Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



# Halligan Reservoir

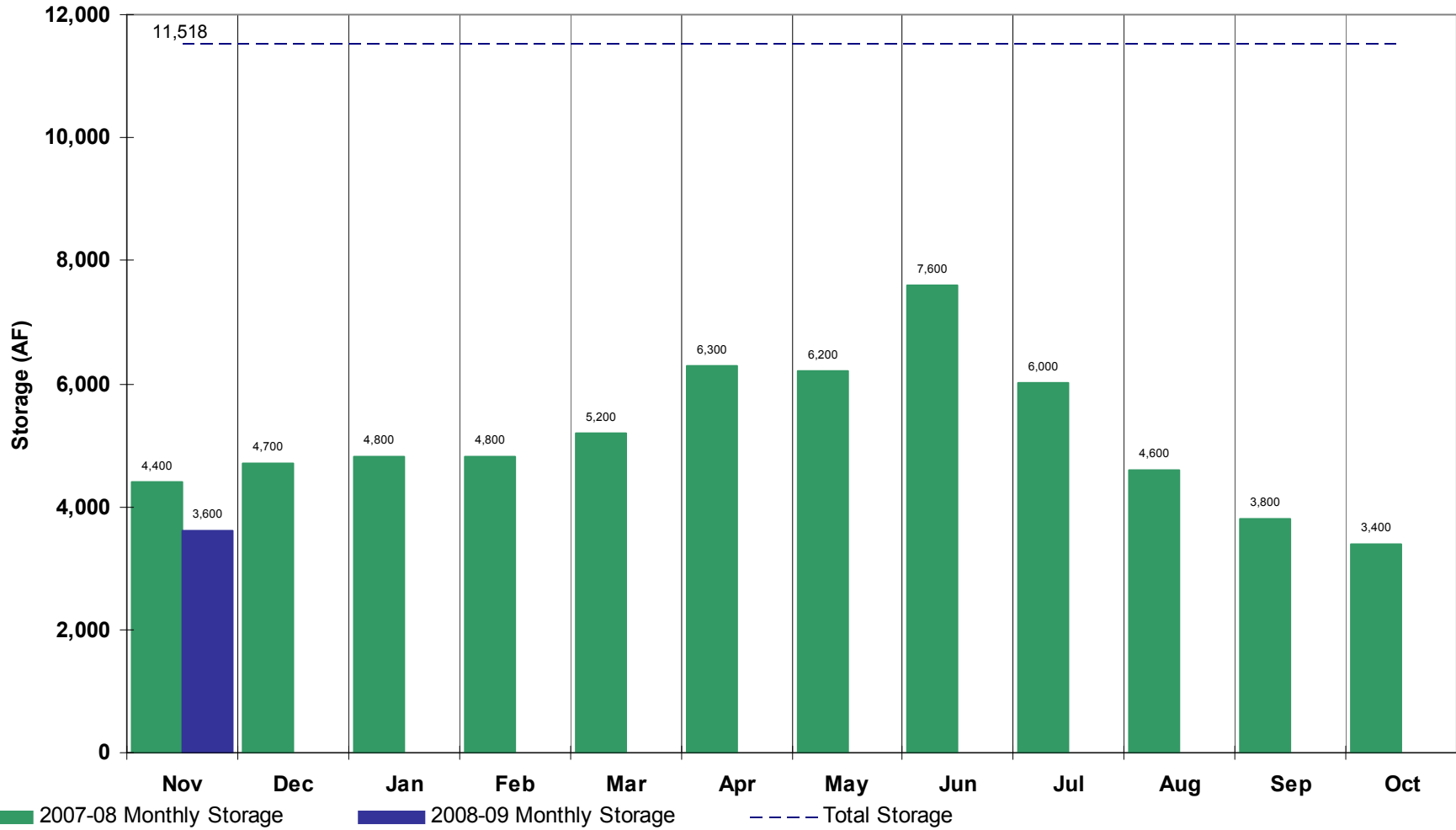
(District 3, Poudre River - Agricultural)





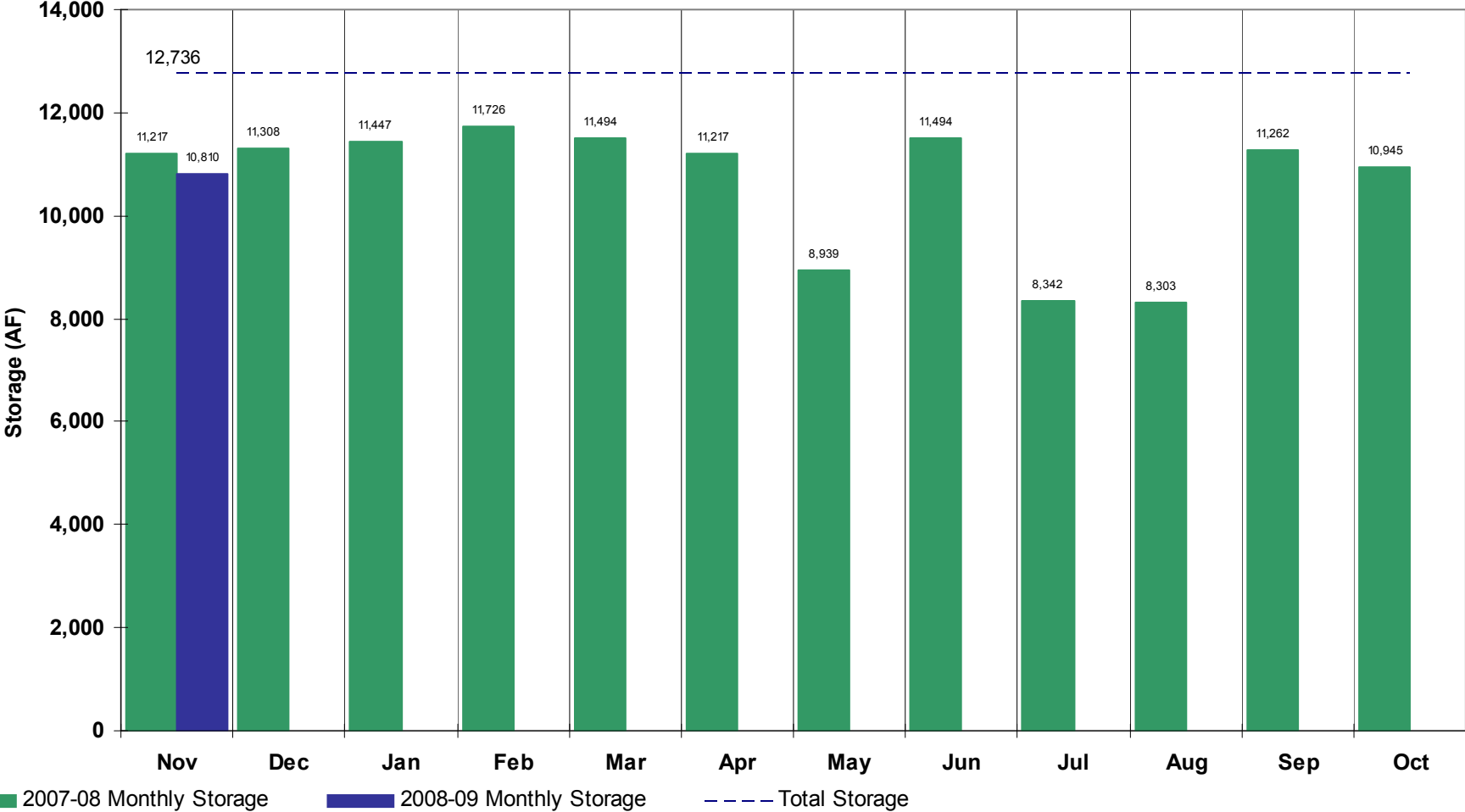
# Marshall Lake

(District 6, Boulder Creek - Agricultural)



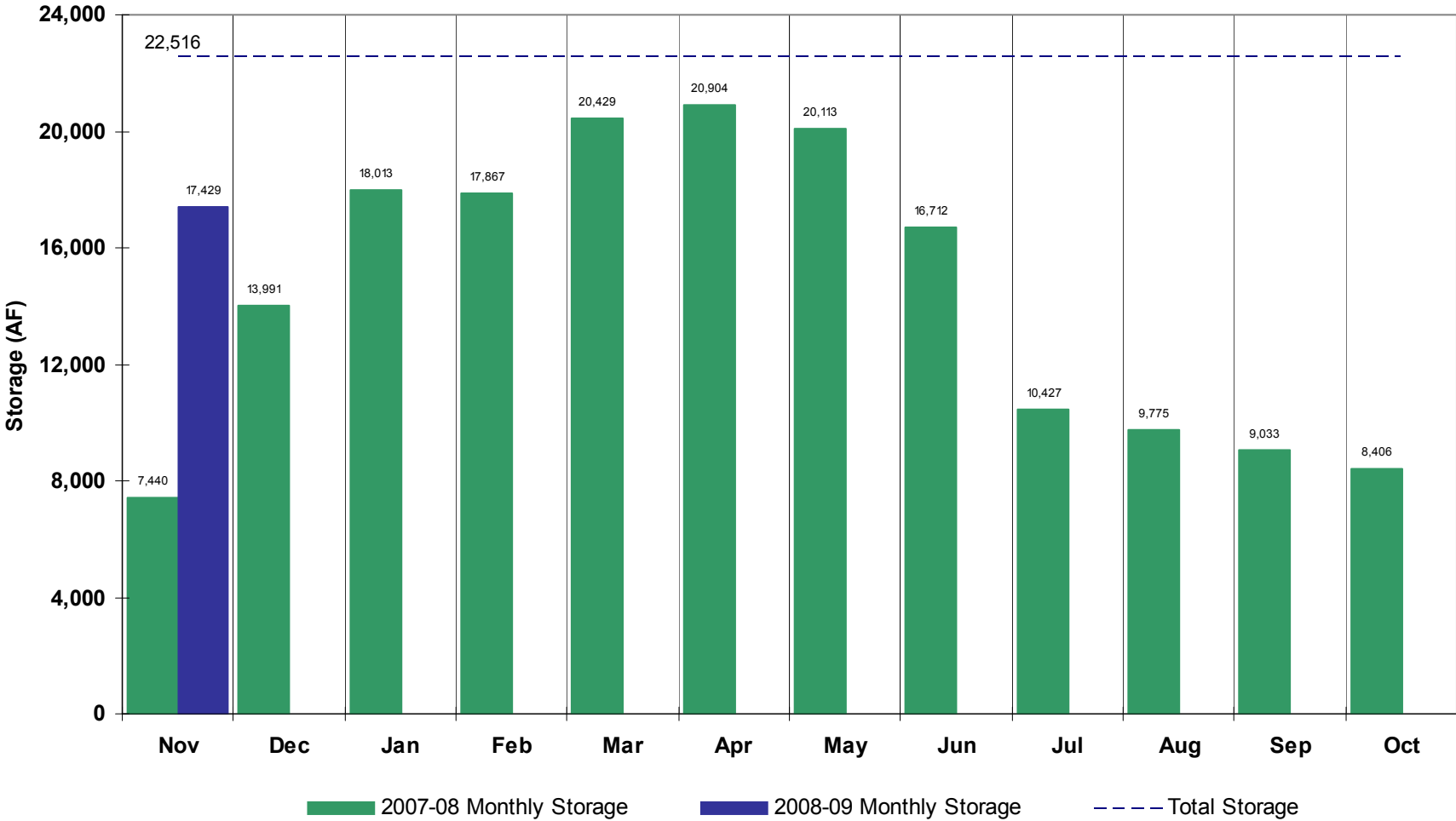
# Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



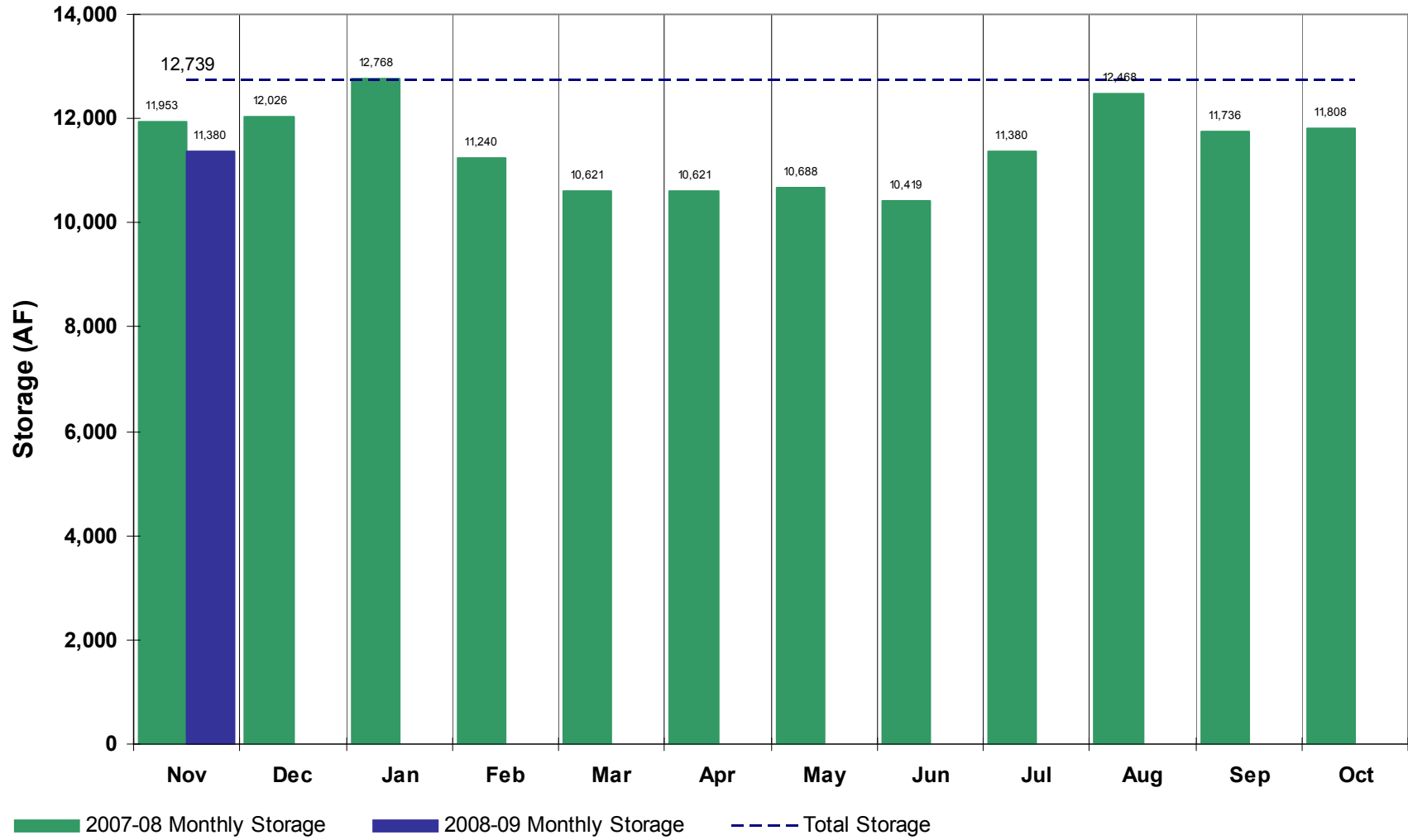
# Milton Reservoir

(District 2 - Agricultural)

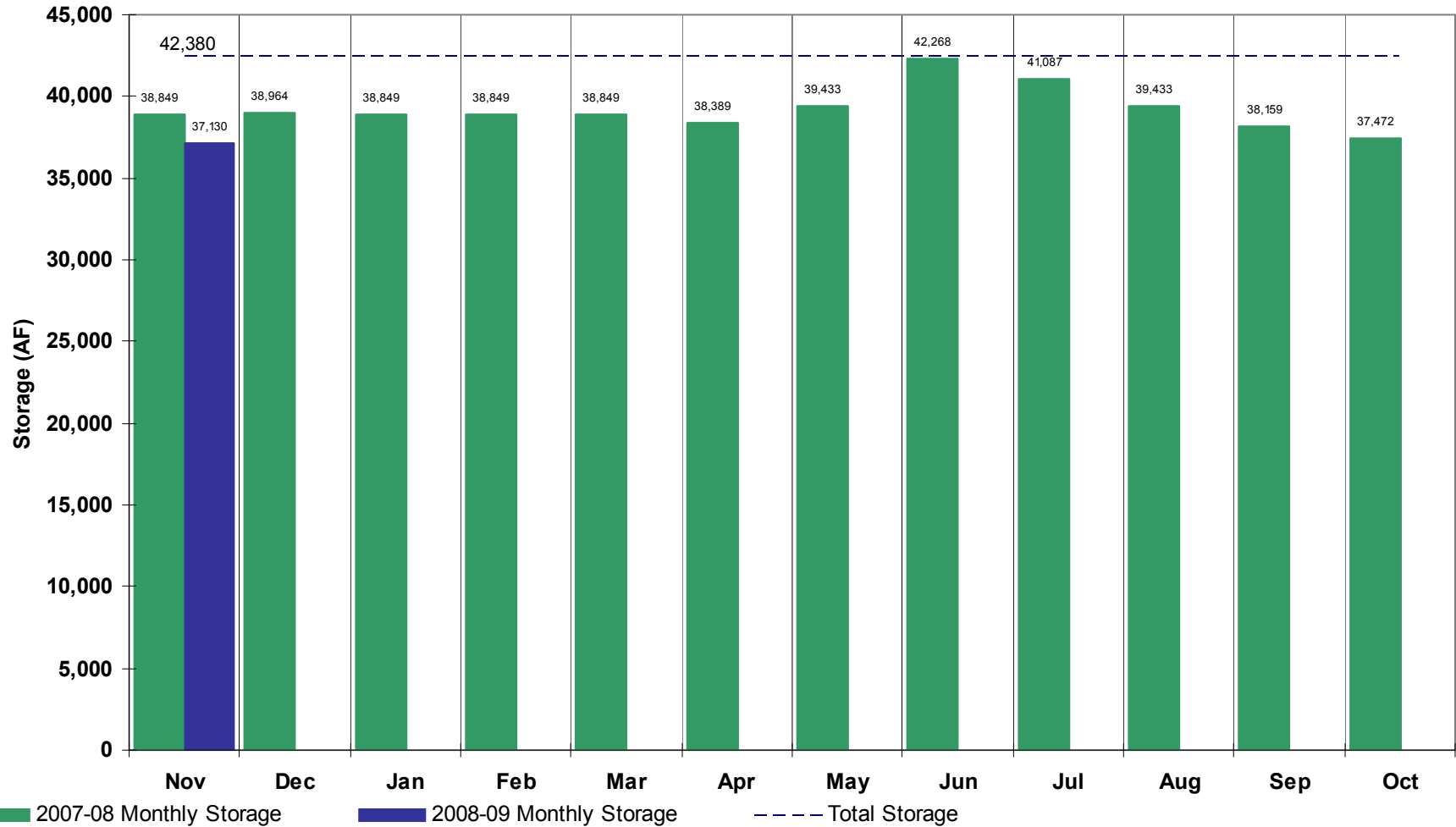


# Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

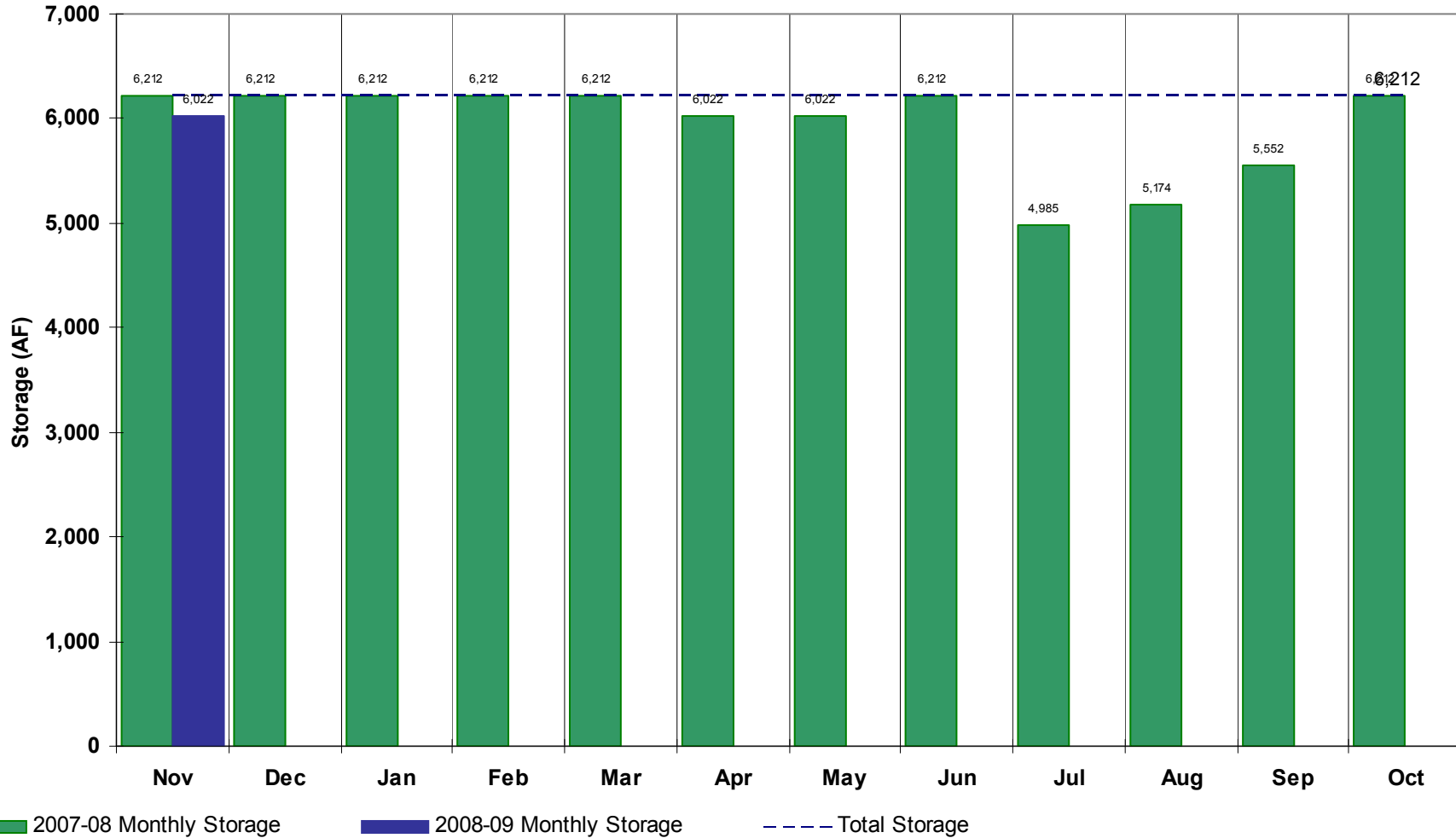


# Standley Lake (Agricultural)



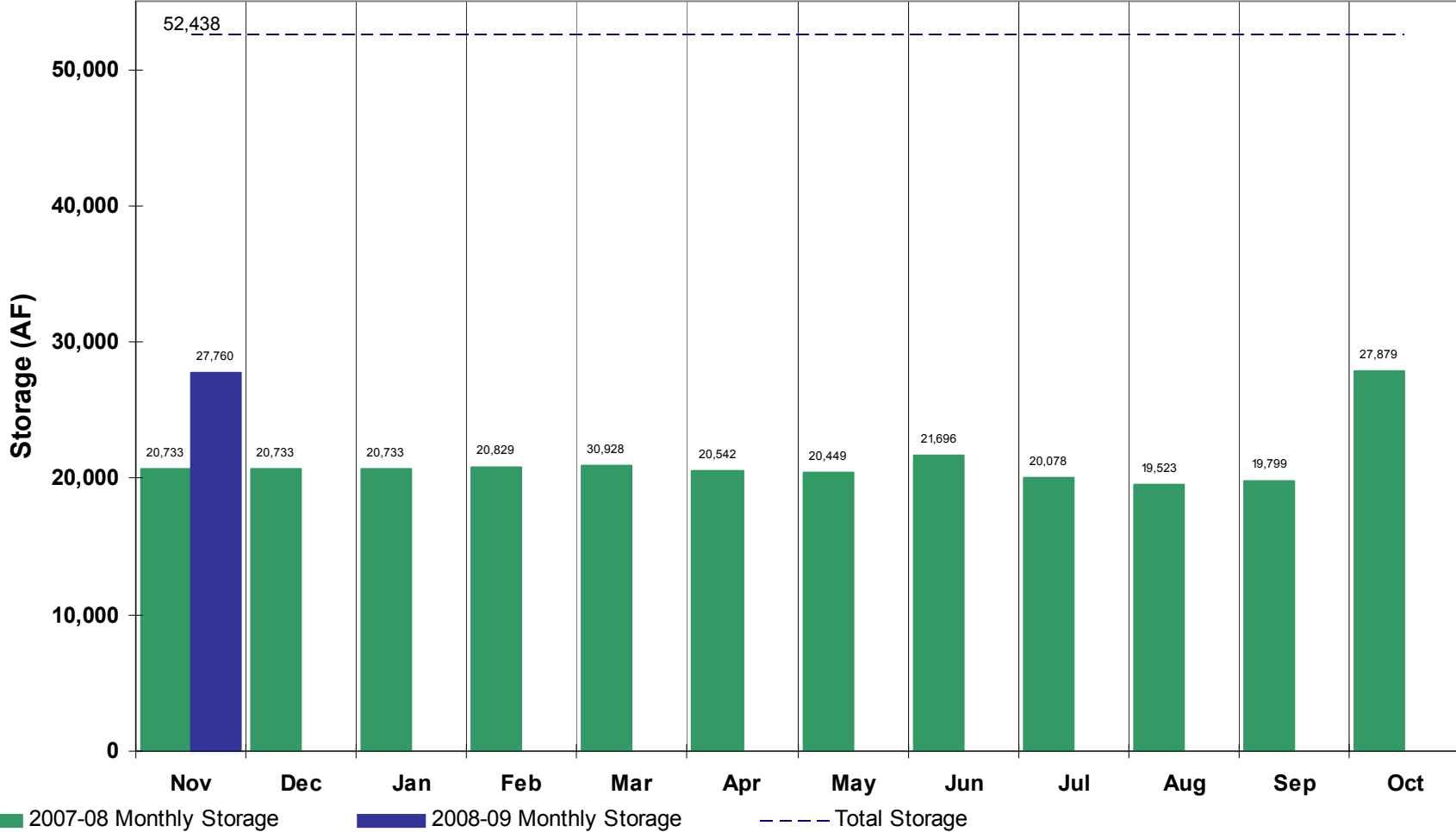
# Lower Latham Reservoir

(District 2 - Agricultural)



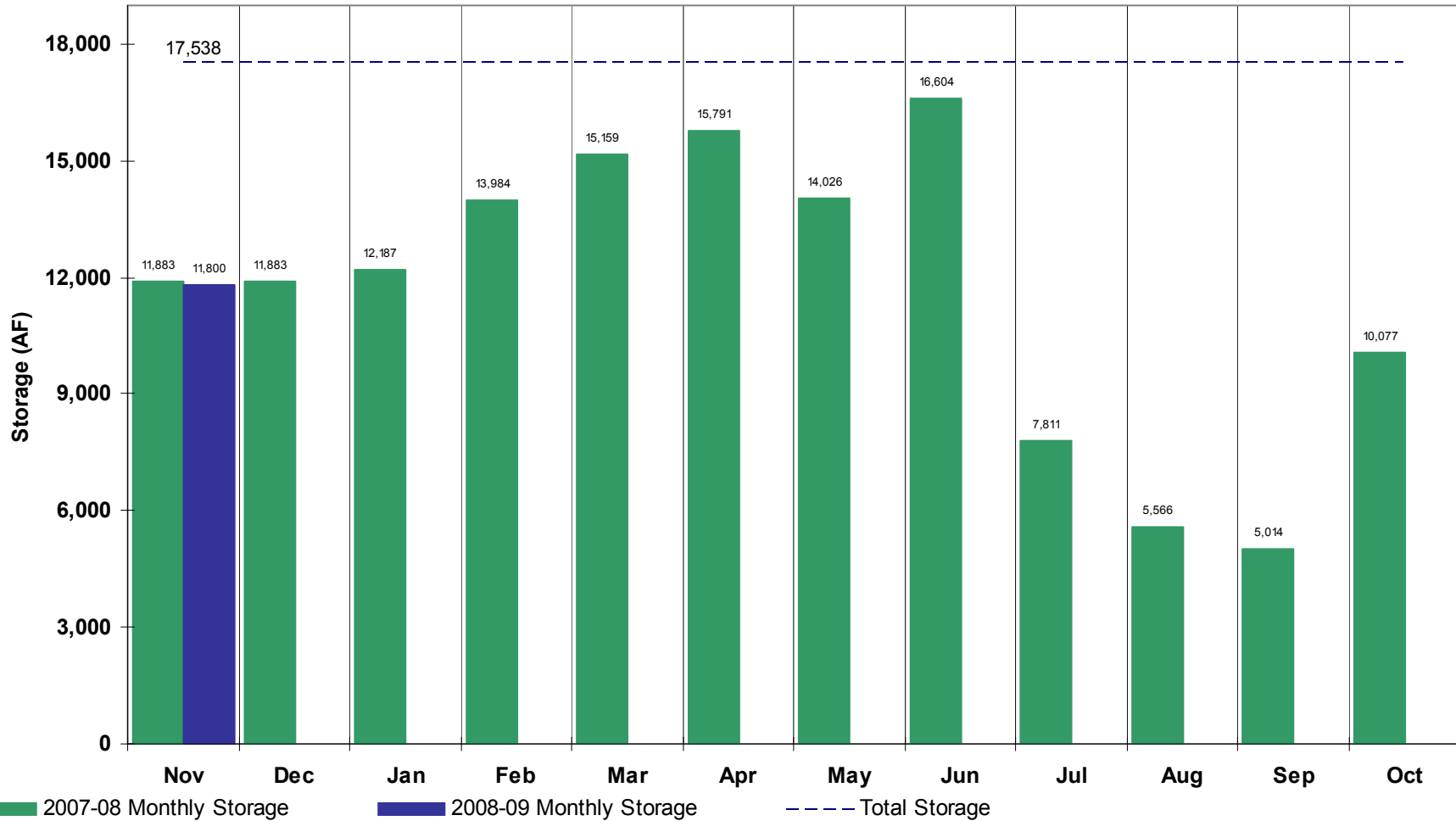
# Boyd Lake

(District 4, Big Thompson River - Agricultural)



# Windsor Reservoir

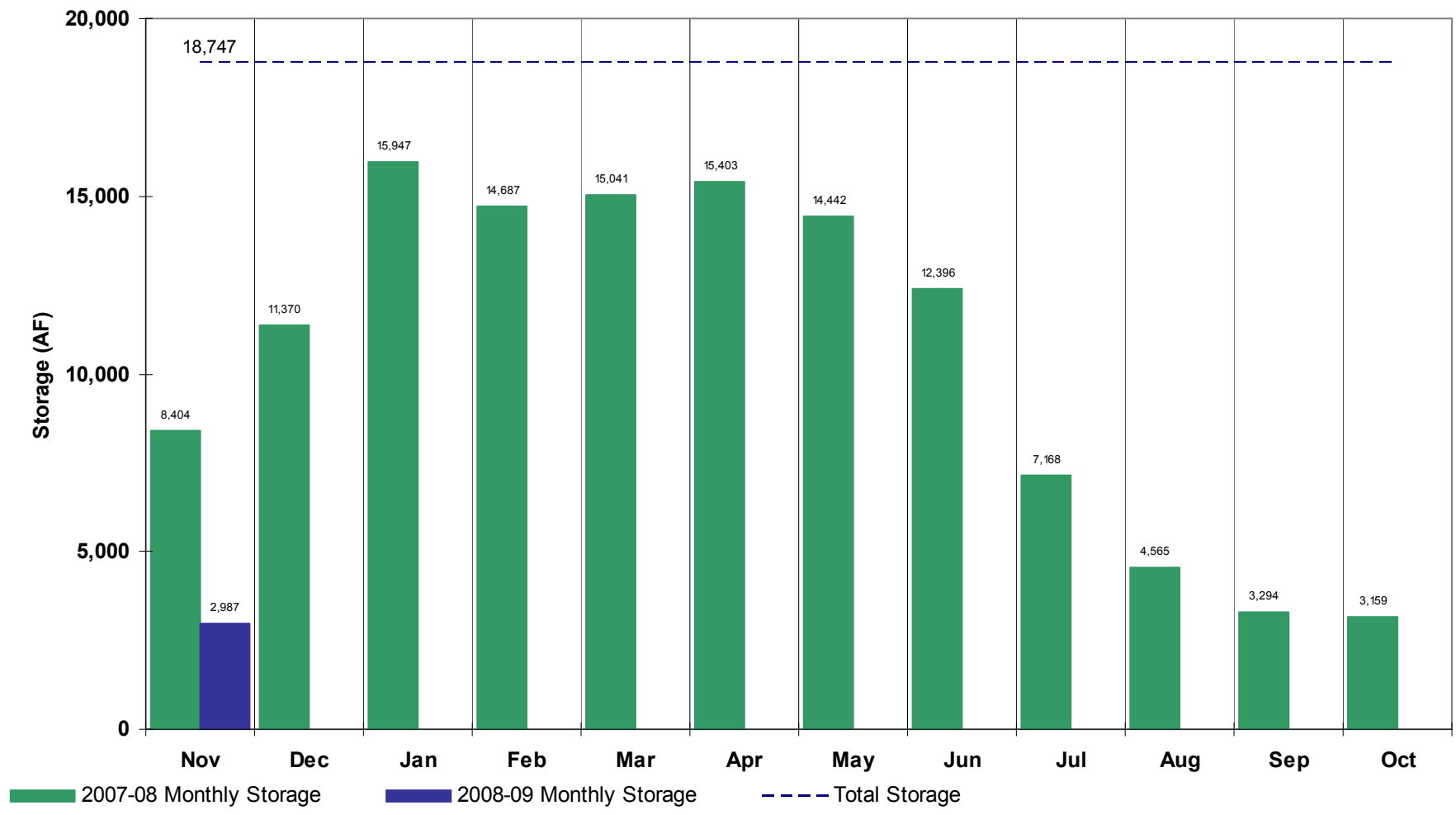
(District 3, Poudre River - Agricultural)





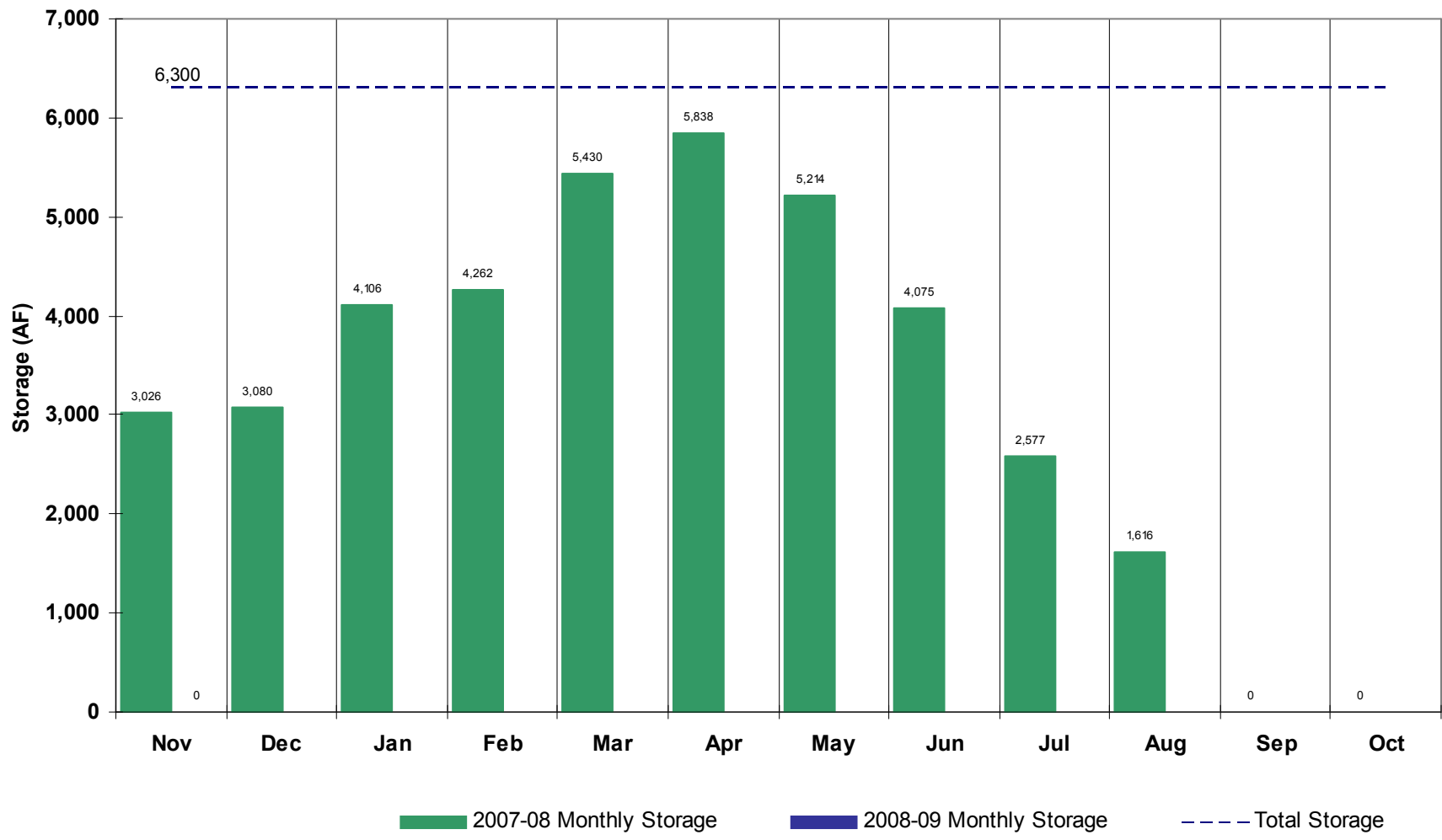
# Horse Creek Reservoir

(District 1 - Agricultural)



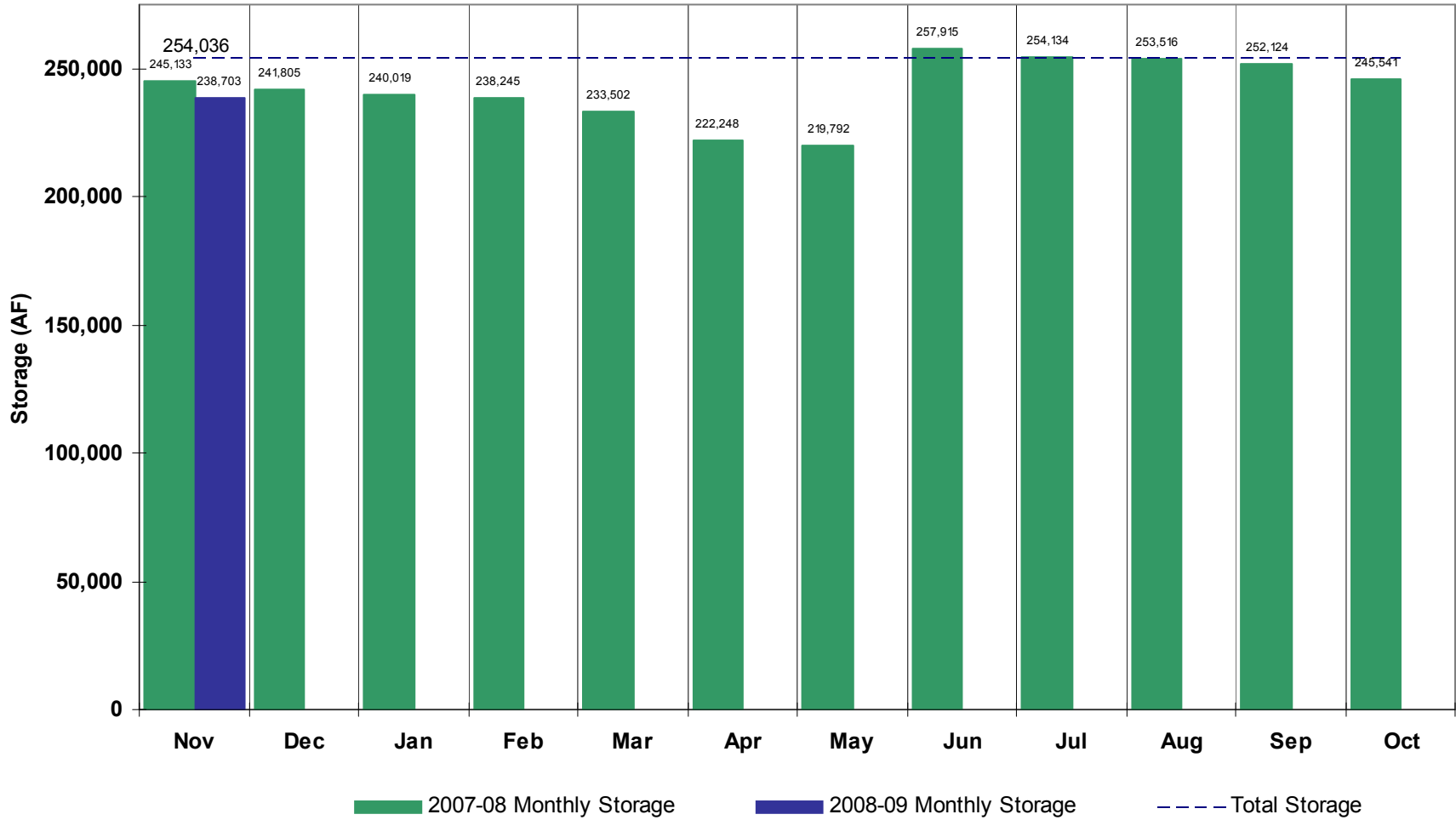
# Prospect Reservoir

(District 1- Agricultural)



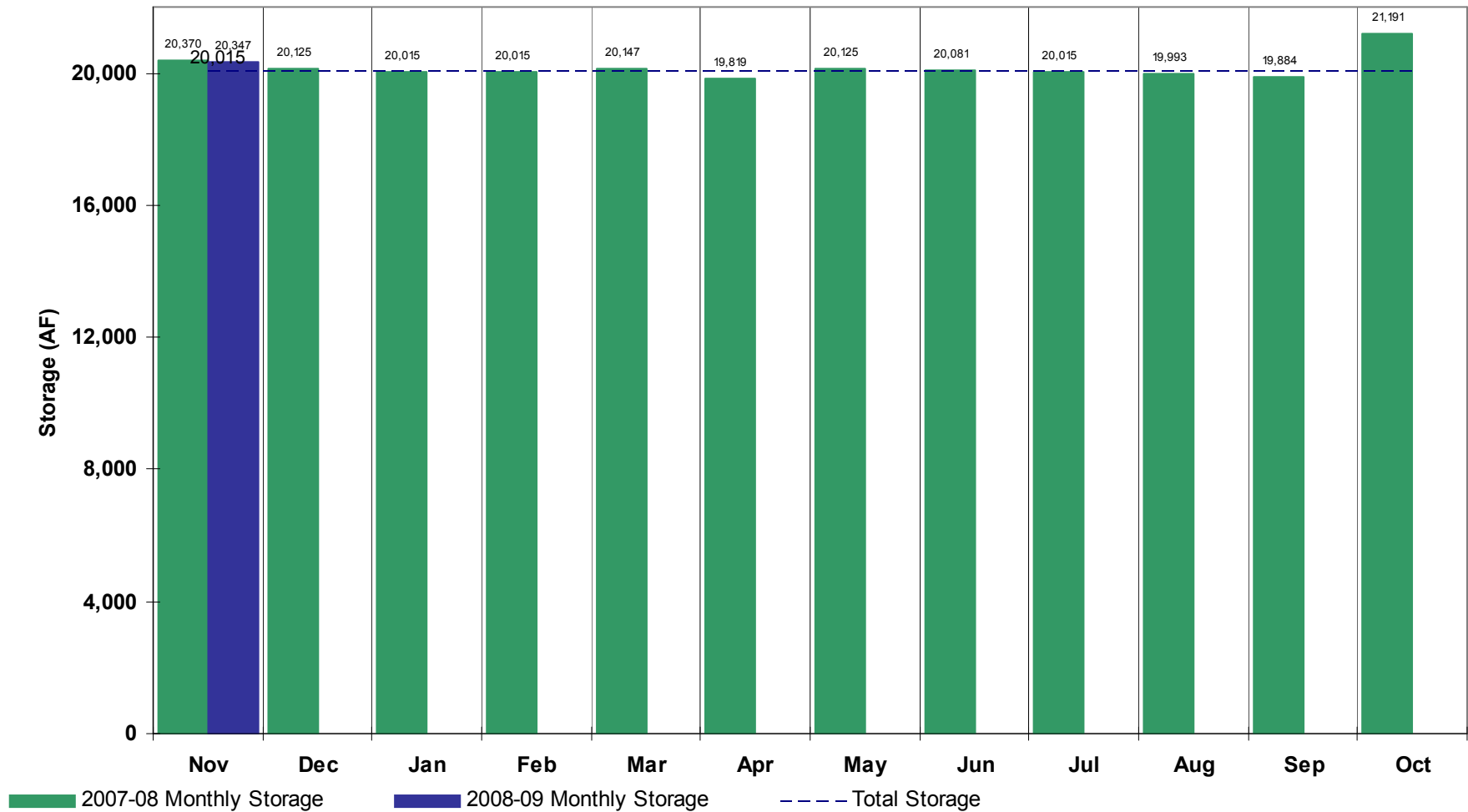
# Dillon Reservoir

(Municipal)



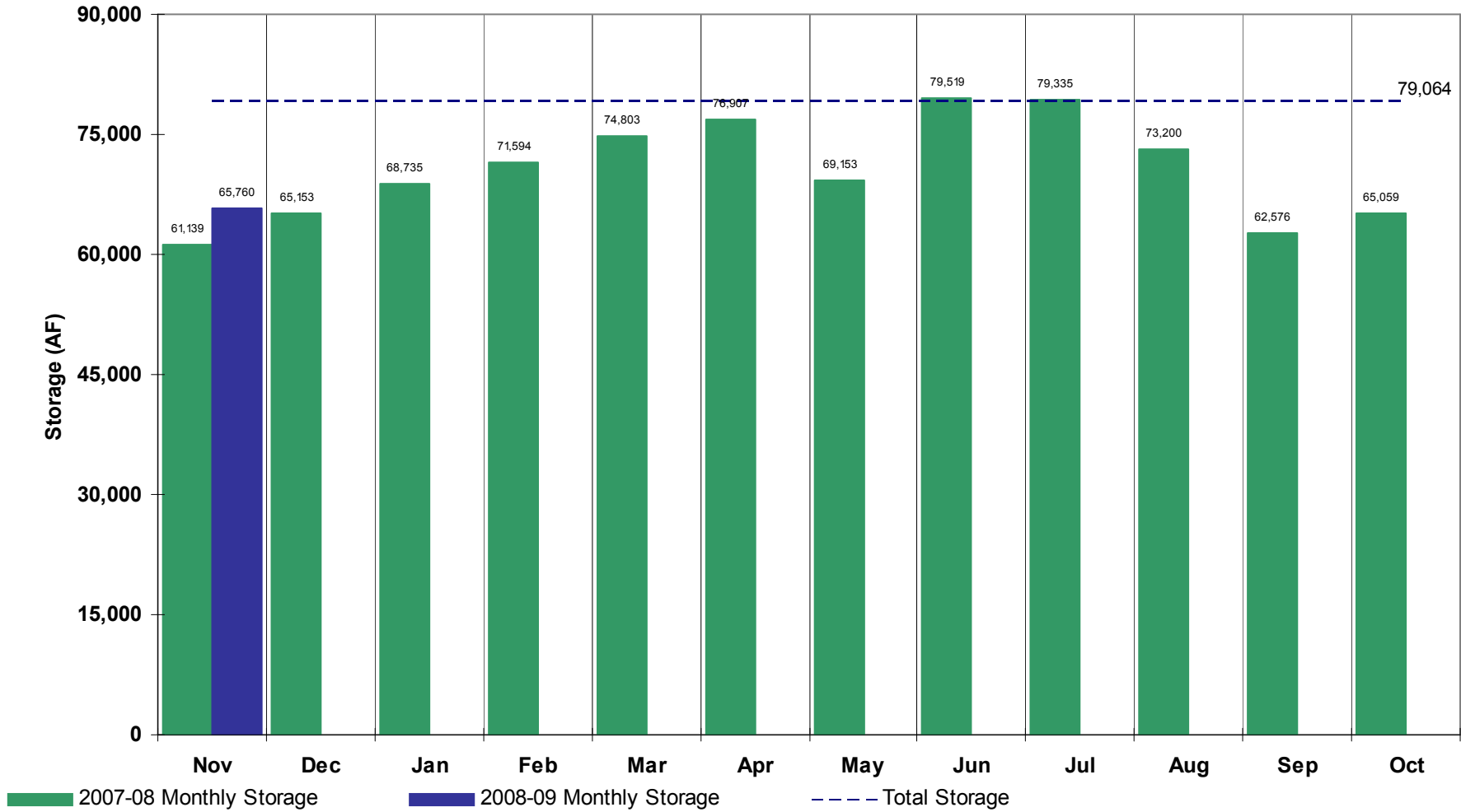
# Antero Reservoir

(District 23 - Municipal)



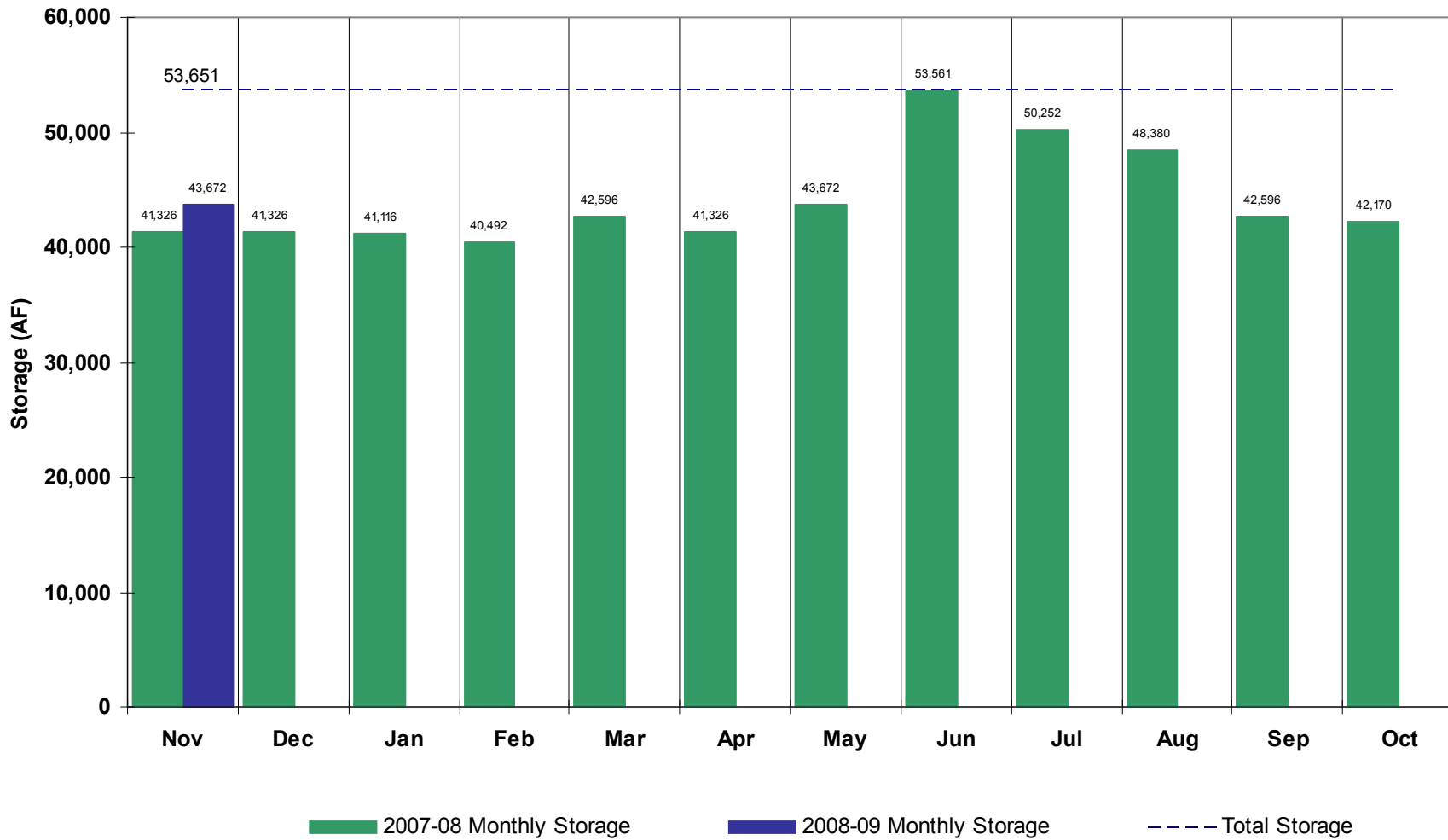
# Cheesman Reservoir

(District 80 - Municipal)



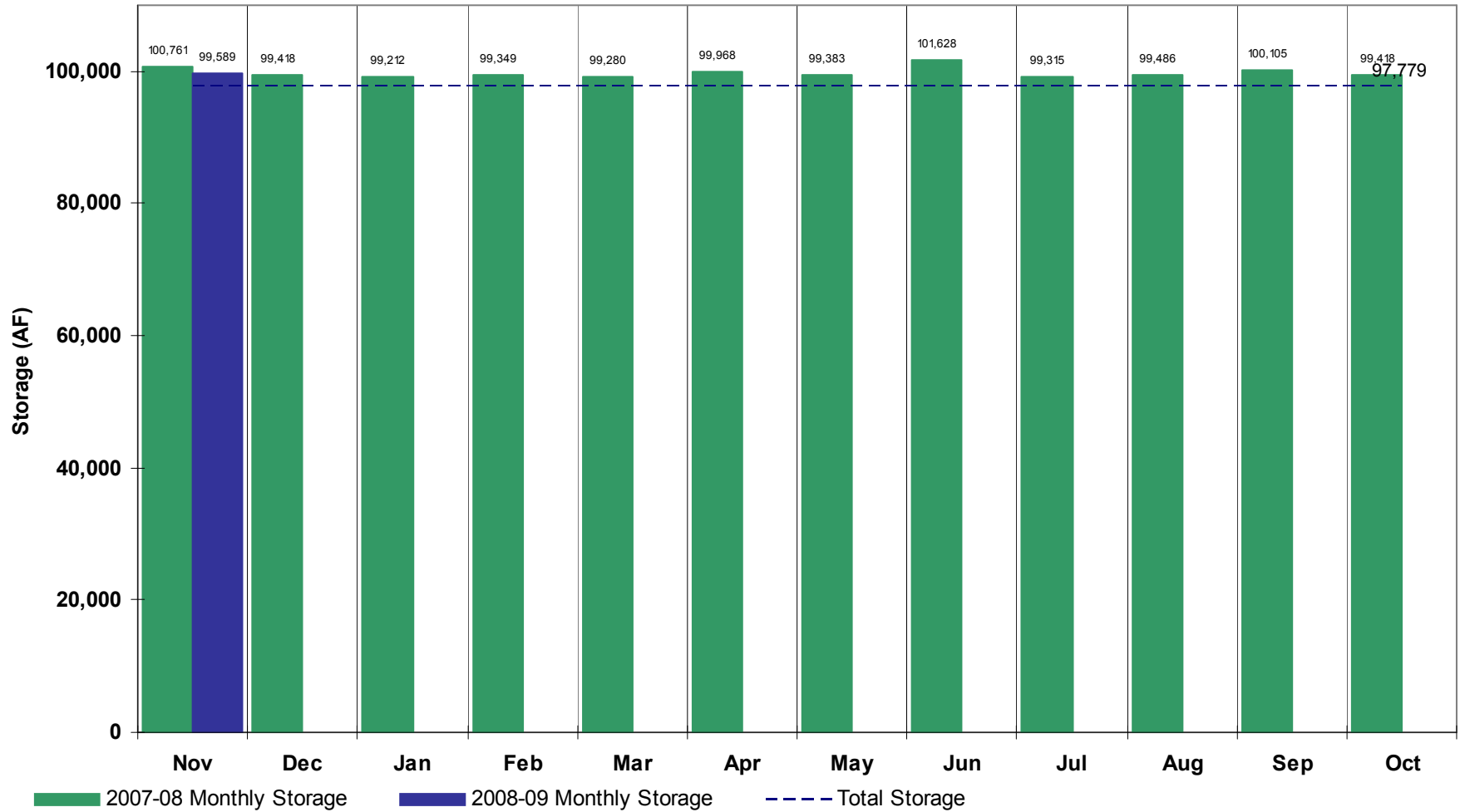
# Spinney Mountain Reservoir

(District 23 - Municipal)

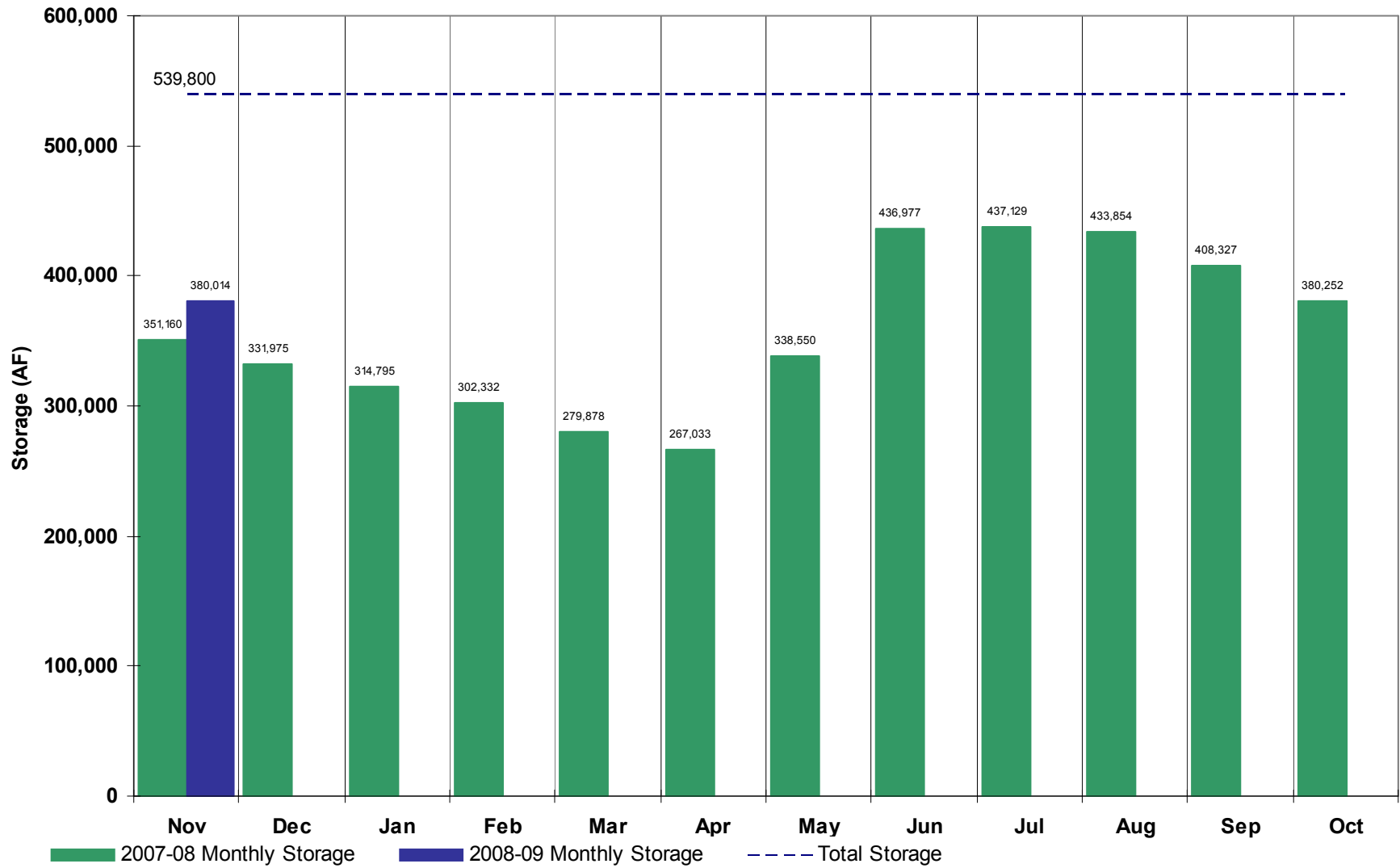


# Eleven Mile Reservoir

(District 23 - Municipal)



# Lake Granby





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



Fairview Reservoir  
(Photo by Mark Trivisonno)