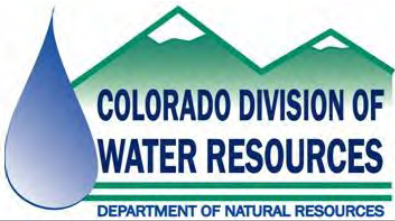


# South Platte Summary

March 2010



Compiled by Lee Cunning



Labyrinth Spillway at Milton Seaman  
Reservoir  
(Photo by Lee Cunning)

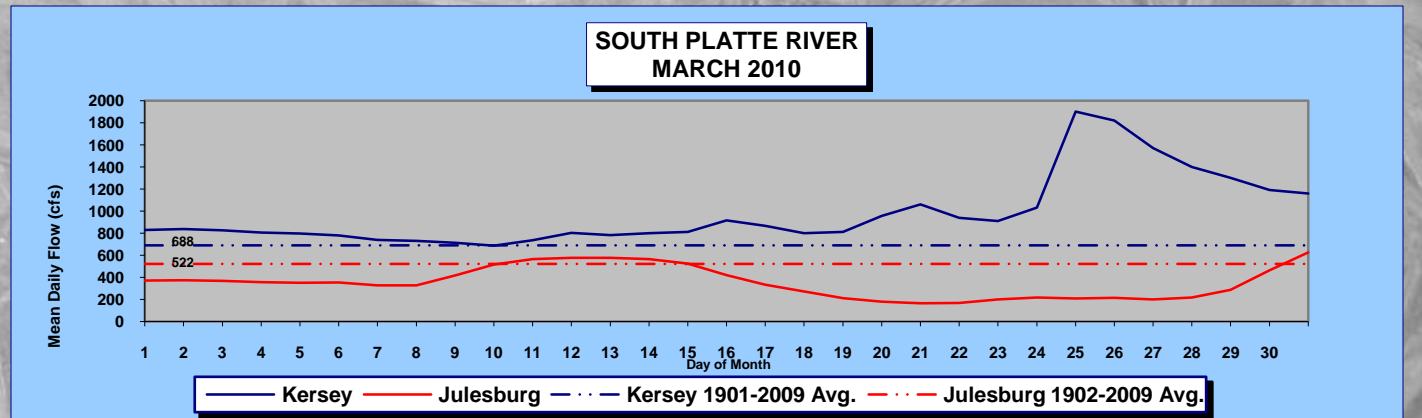
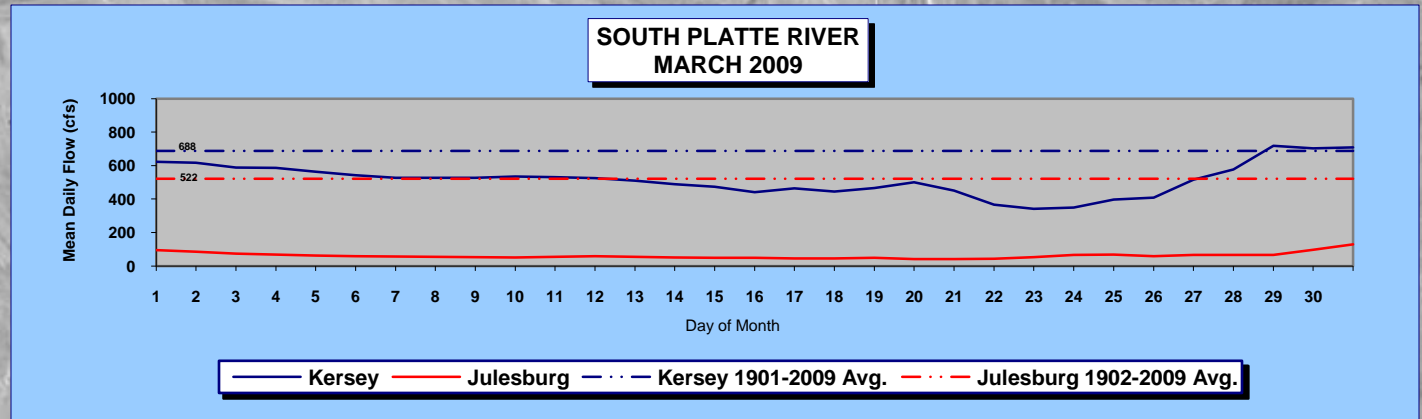
# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

## MONTH OF MARCH 2010

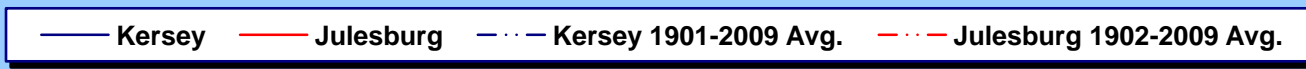
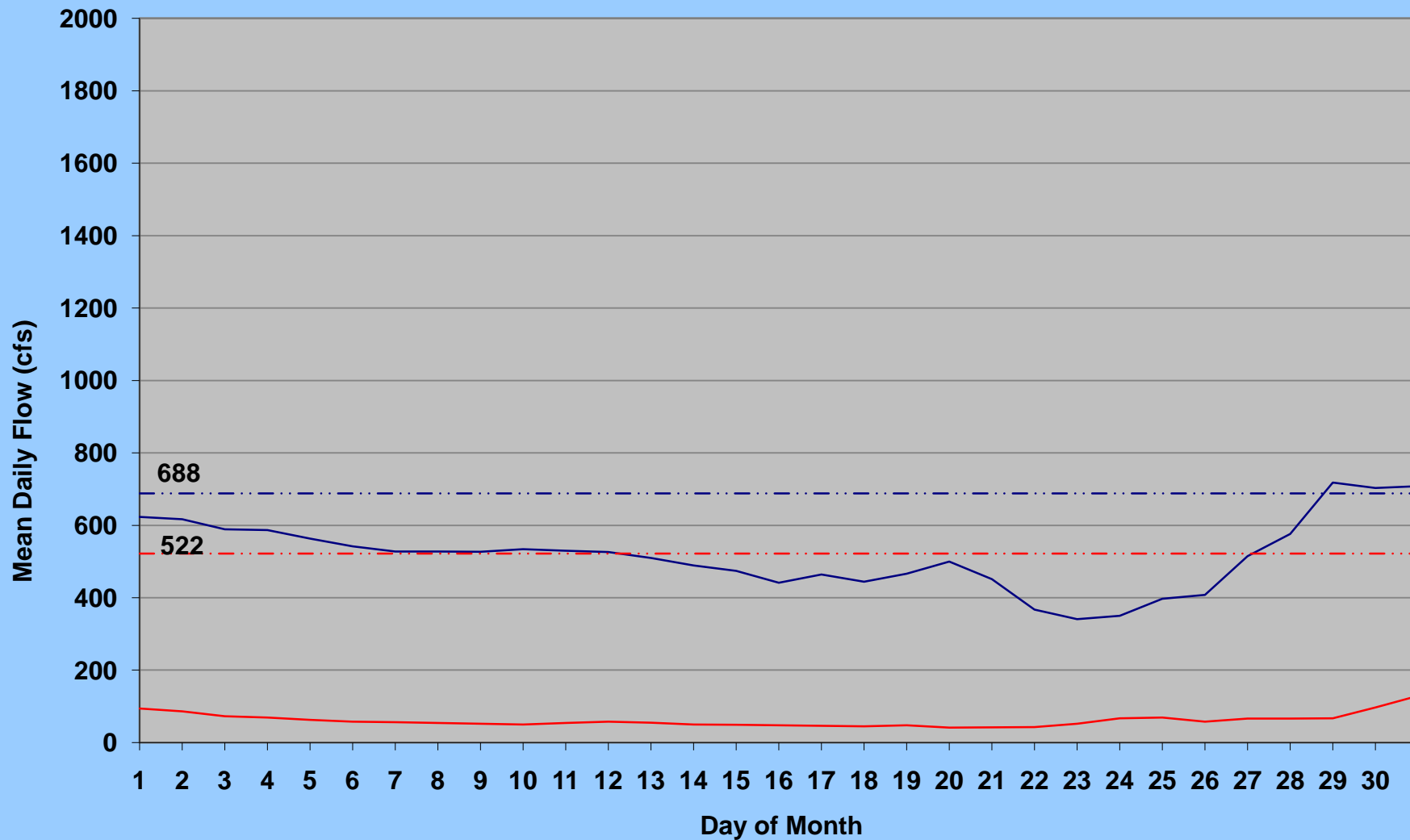
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH LAST YEAR	SURCHARGE (ACRE FEET)
JULESBURG	22,666	19,586	22,666	64	3,080	16%	100%	90%	0
N STERLING	73,730	74,444	74,587	64	143	0%	100%	94%	857
PREWITT	28,500	26,540	28,595	64	2,055	8%	100%	85%	95
JACKSON	27,257	25,170	27,149	1	1,979	8%	100%	94%	0
EMPIRE	37,700	37,348	37,709	1	361	1%	100%	95%	9
RIVERSIDE	63,113	57,525	62,658	1	5,133	9%	99%	88%	0
BARR LAKE	31,652	28,199	28,199	2	0	0%	89%	75%	0
CHEESMAN	79,064	58,617	59,099	80	482	1%	75%	94%	0
ELEVEN MILE	97,779	99,486	99,658	23	172	0%	100%	100%	1,879
SPINNEY	53,651	38,658	38,658	23	0	0%	72%	82%	0
ANTERO	20,015	20,081	20,081	23	0	0%	100%	100%	66

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>977</b>
<b>JULESBURG</b>	<b>353</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>517</b>
<b>JULESBURG</b>	<b>61</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>688</b>
<b>JULESBURG</b>	<b>522</b>

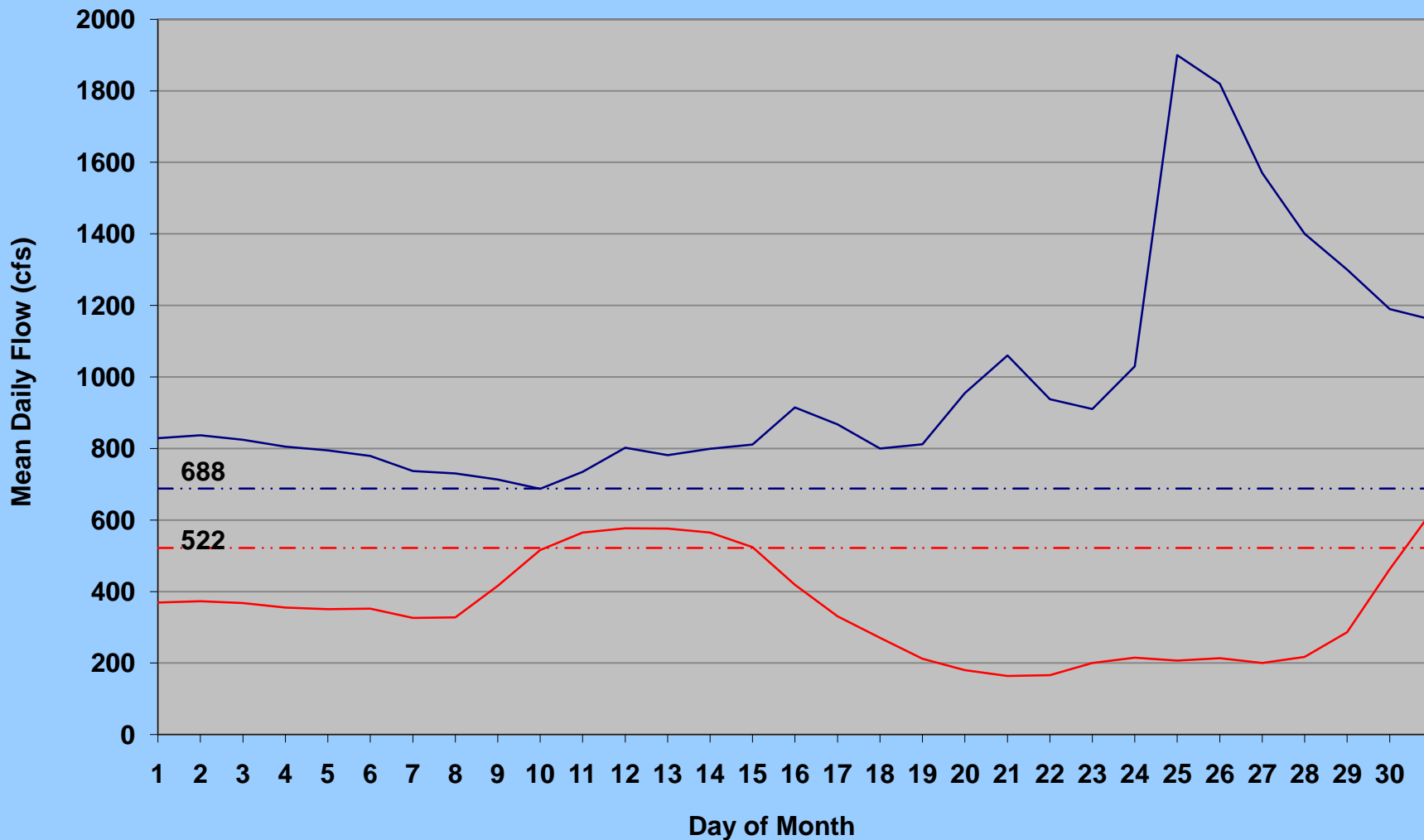
\* 1901-2009  
1902-2009



# SOUTH PLATTE RIVER MARCH 2009

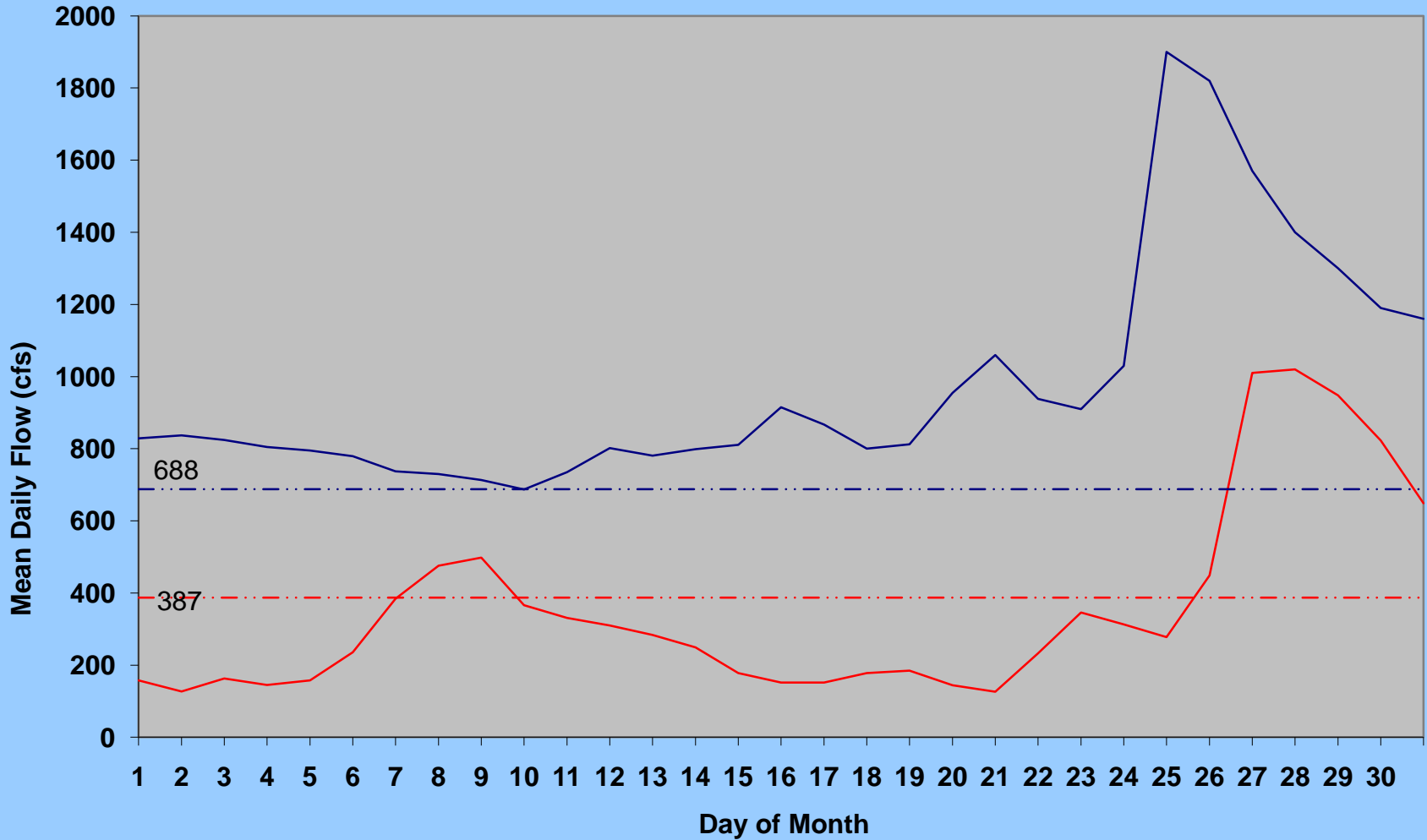


# SOUTH PLATTE RIVER MARCH 2010



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

# KERSEY and BALZAC MARCH 2010



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

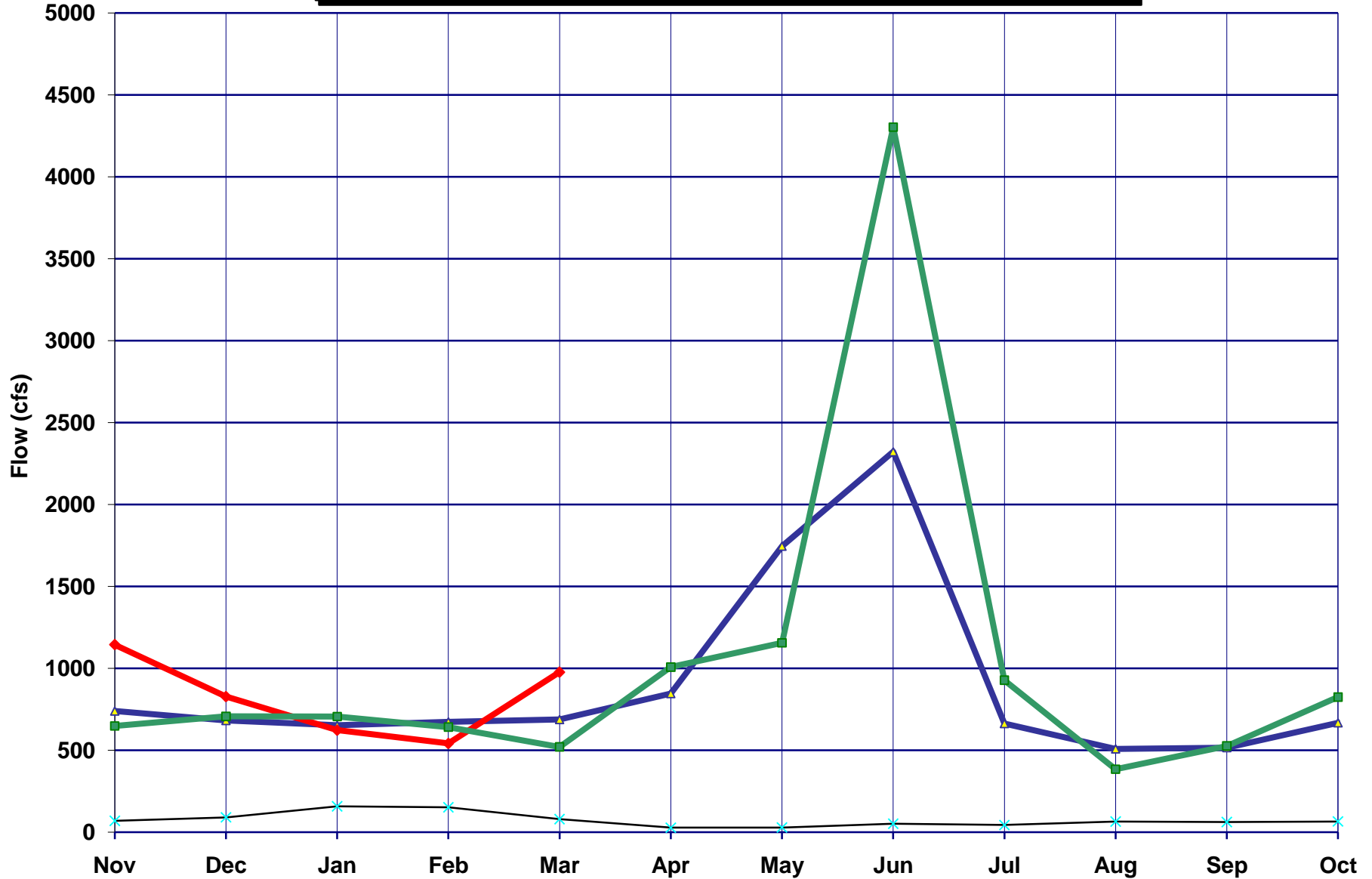
# South Platte River Monthly Stream Flow (cfs) Statistics

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	828	Dec	405	1820	1984	13	2002	909
Jan	653	2160	1974	158	1935	623	Jan	514	2510	1970	21	2003	765
Feb	673	3060	1914	152	1935	542	Feb	589	3220	1930	29	2005	328
Mar	690	3470	1983	80	1935	977	Mar	531	12900	1910	15	1904	353
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 1901-2009							*Period of record 1902-2009						

**Milton Seaman Reservoir Outlet  
(Photo by Lee Cunning)**

# South Platte River at Kersey

Irrigation Year

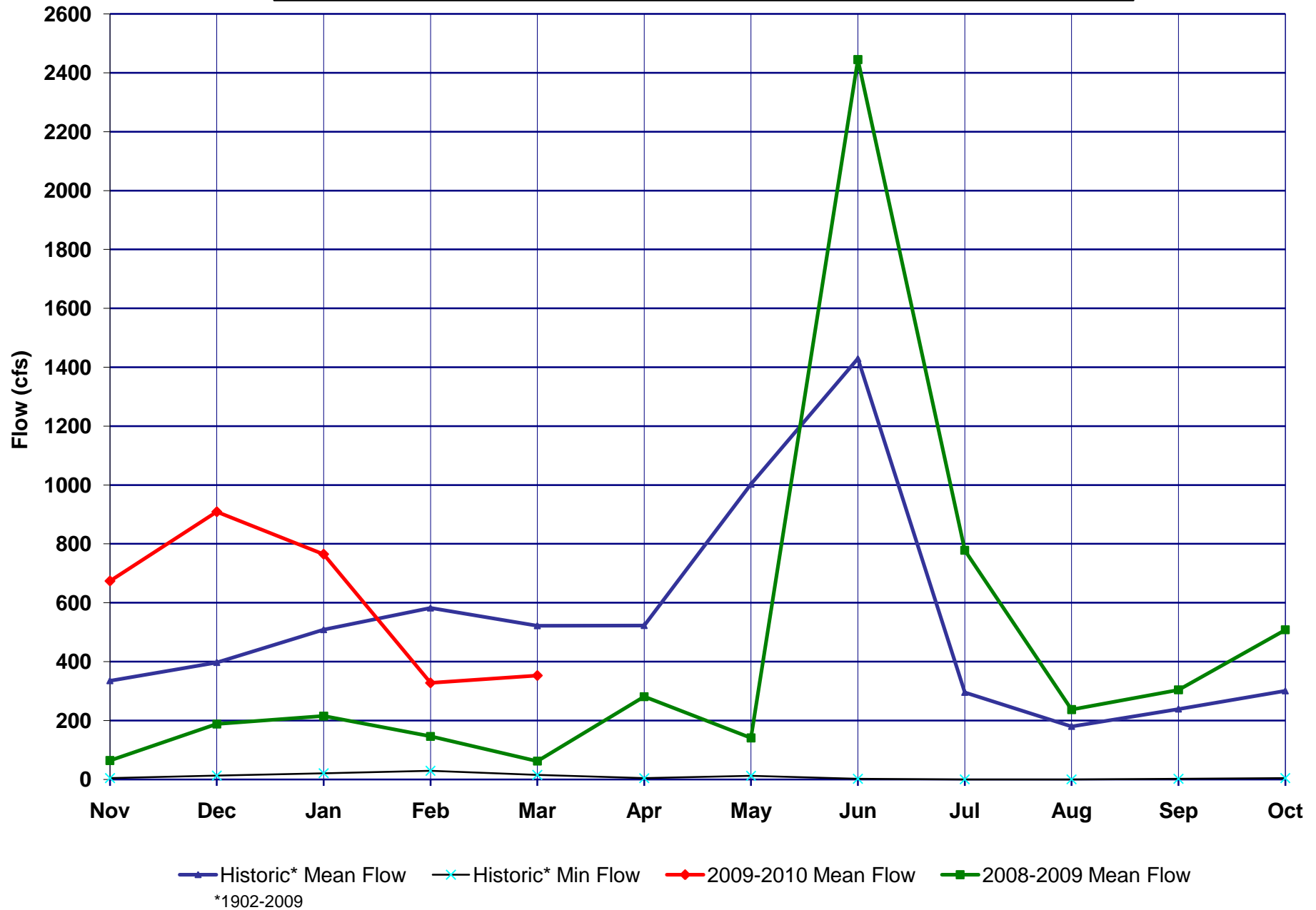


Historic\* Mean Flow    Historic\* Min Flow    2009-2010 Mean Flow    2008-2009 Mean Flow

\*1901-2009

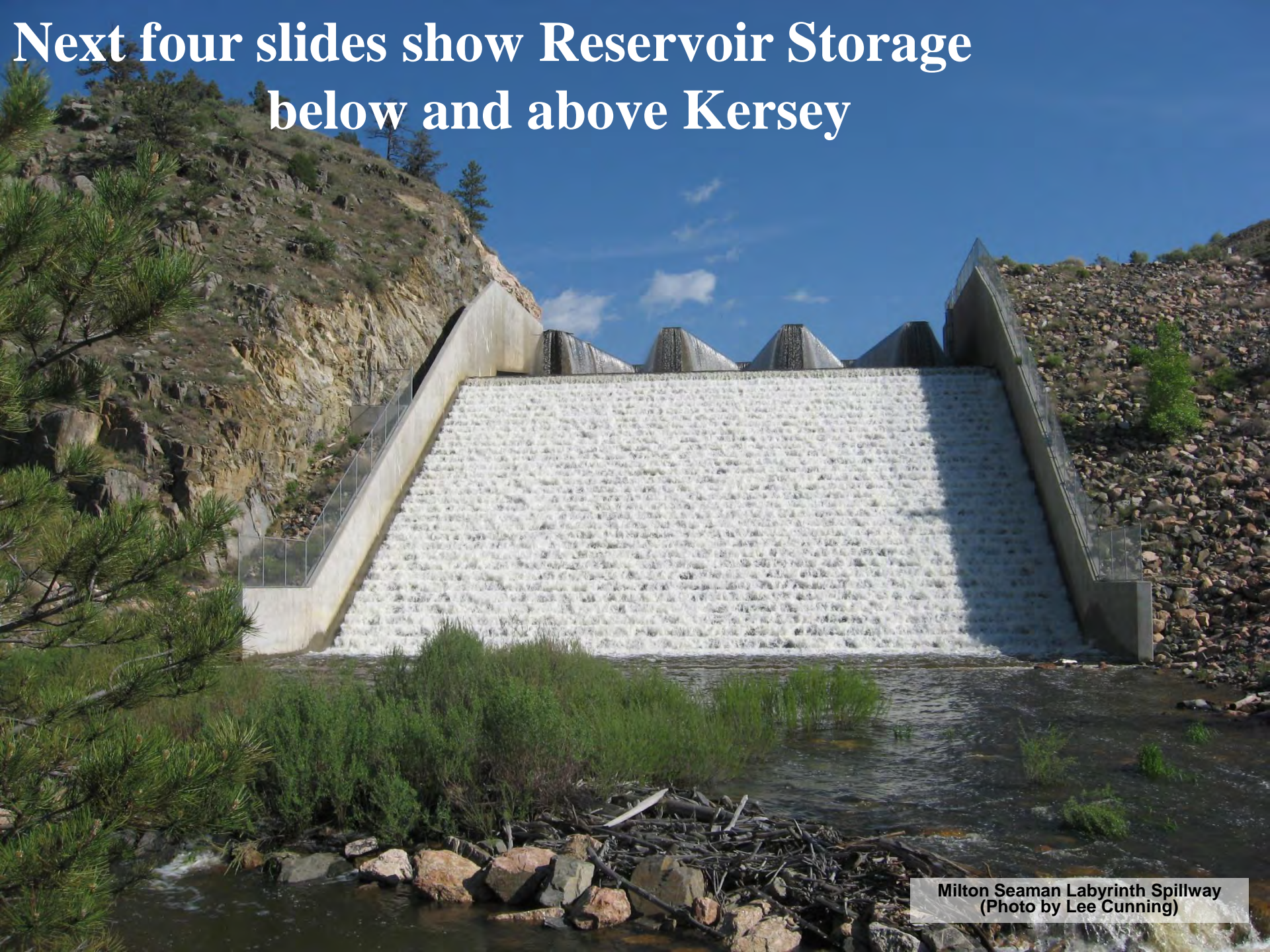
# South Platte River at Julesburg

Irrigation Year





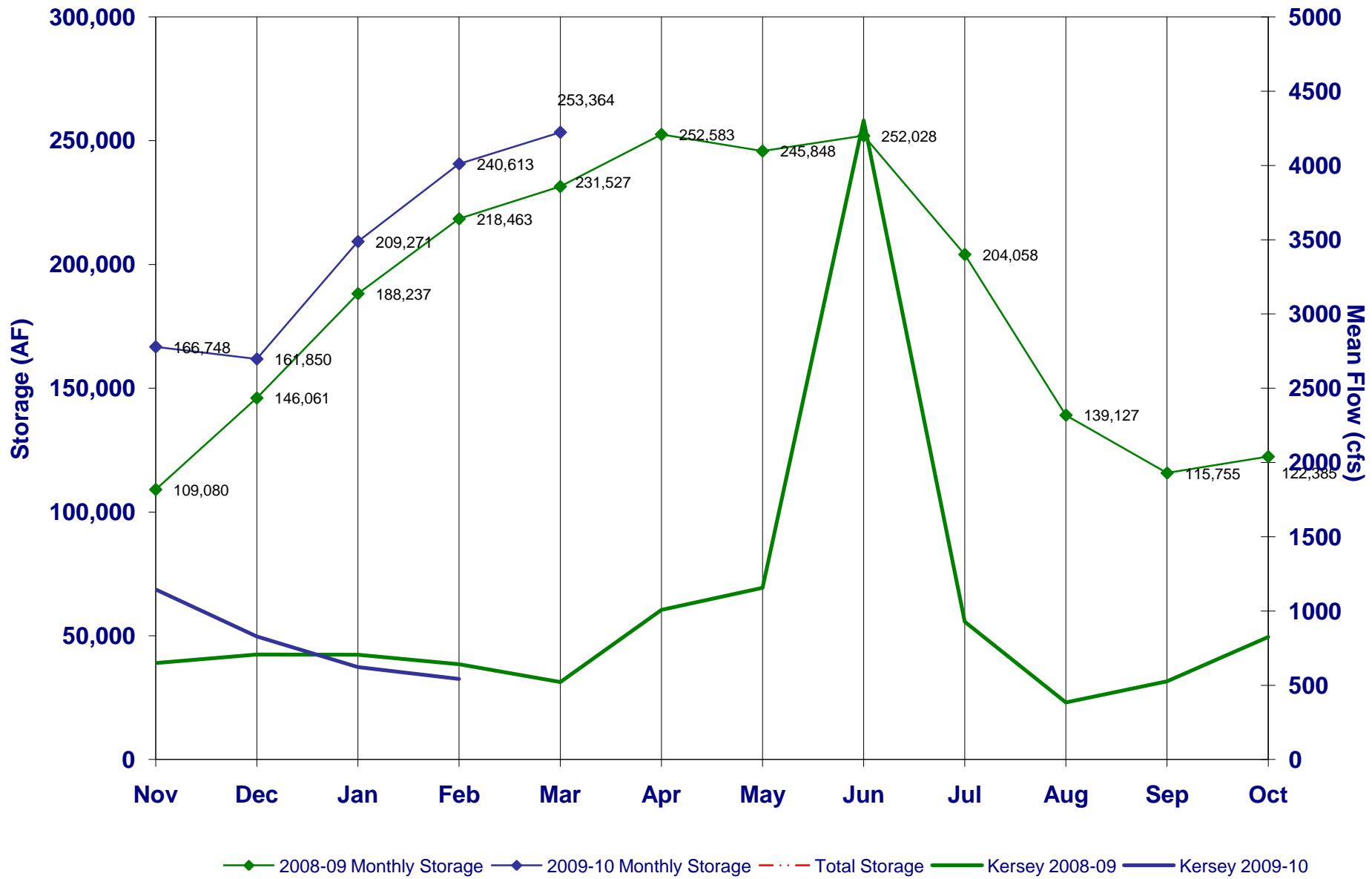
# Next four slides show Reservoir Storage below and above Kersey



Milton Seaman Labyrinth Spillway  
(Photo by Lee Cunning)

# Reservoir Storage below Kersey

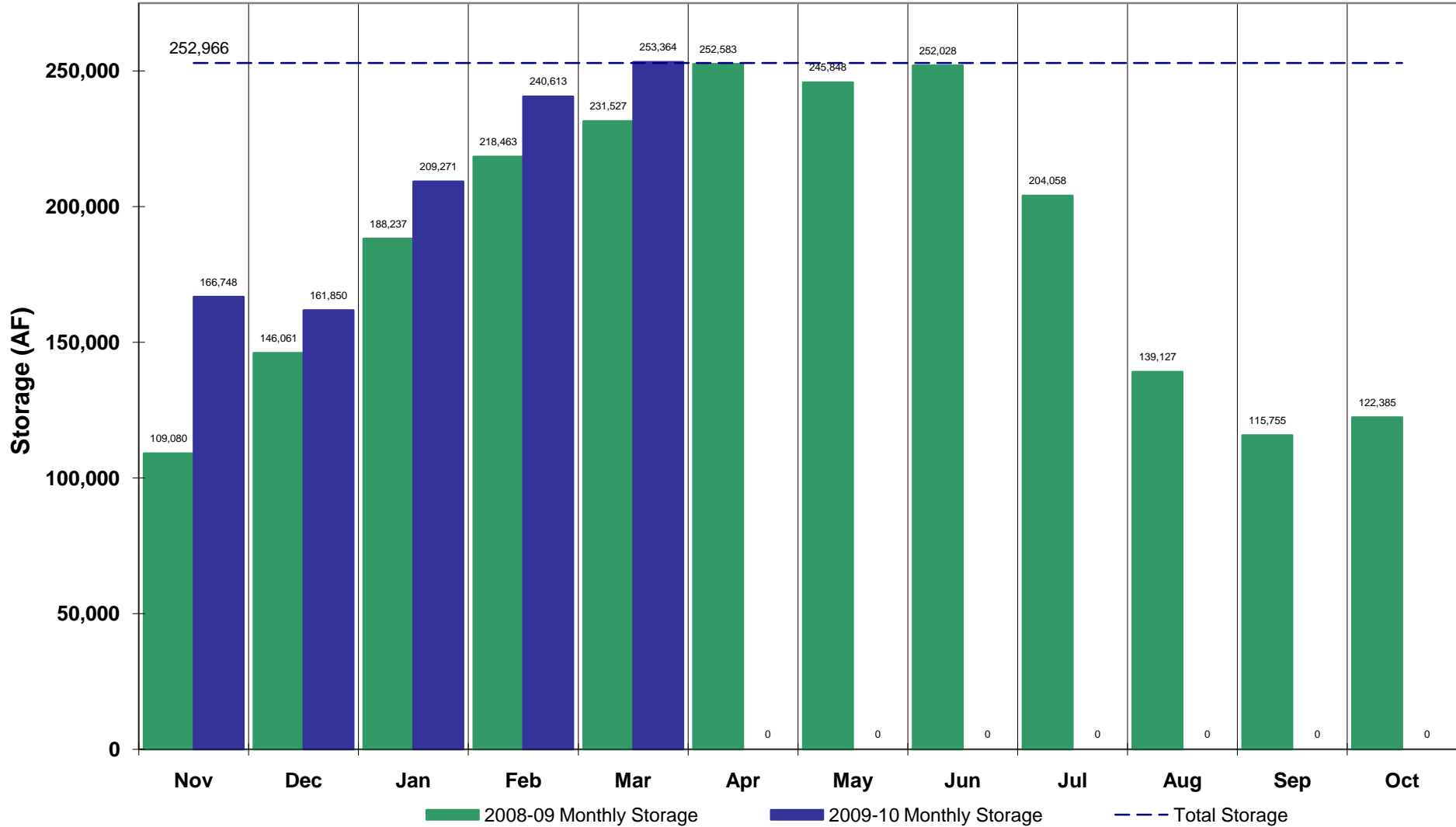
## Selected Reservoirs\*



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

# South Platte Reservoirs

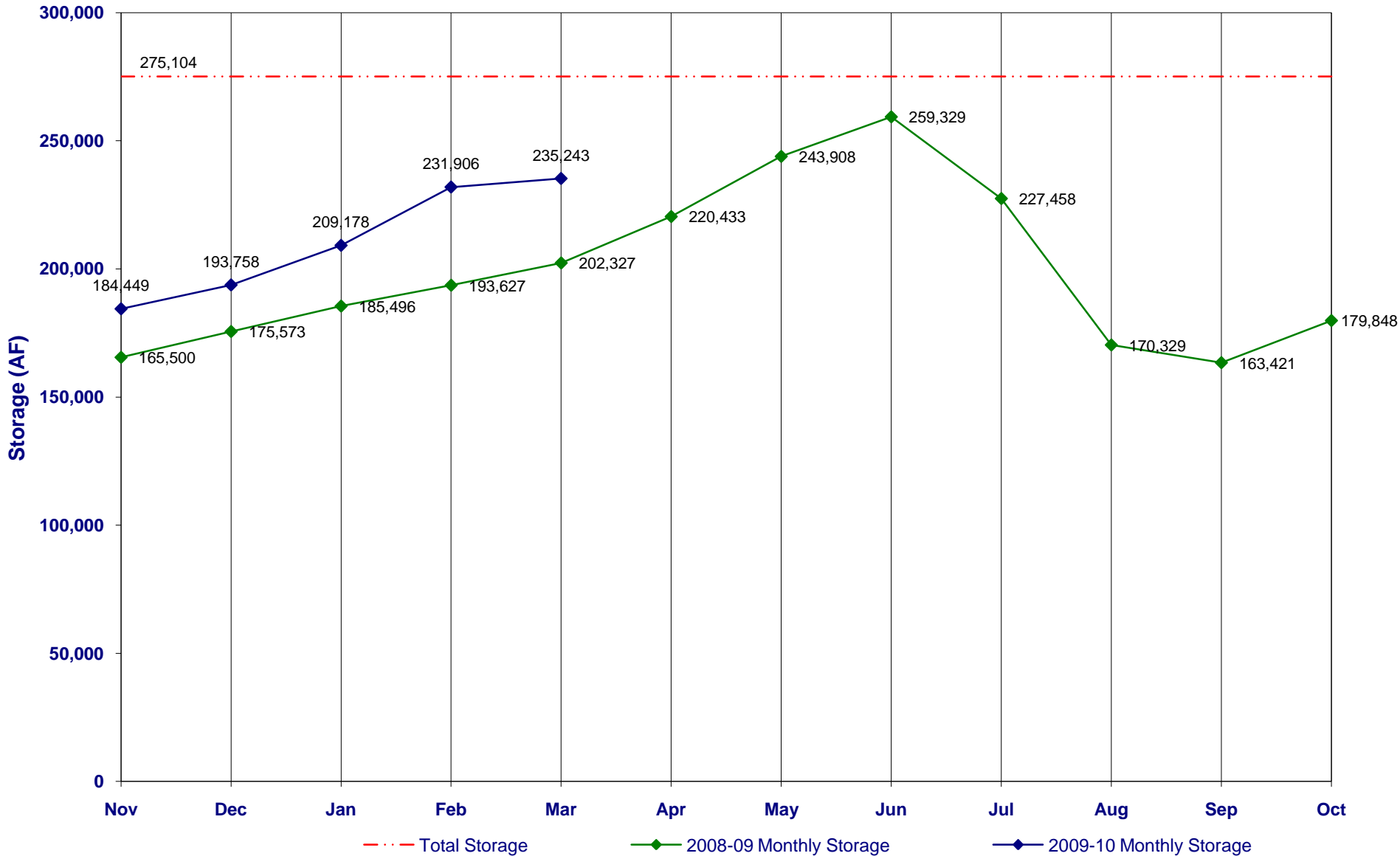
## Storage below Kersey\*



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

# Reservoir Storage above Kersey

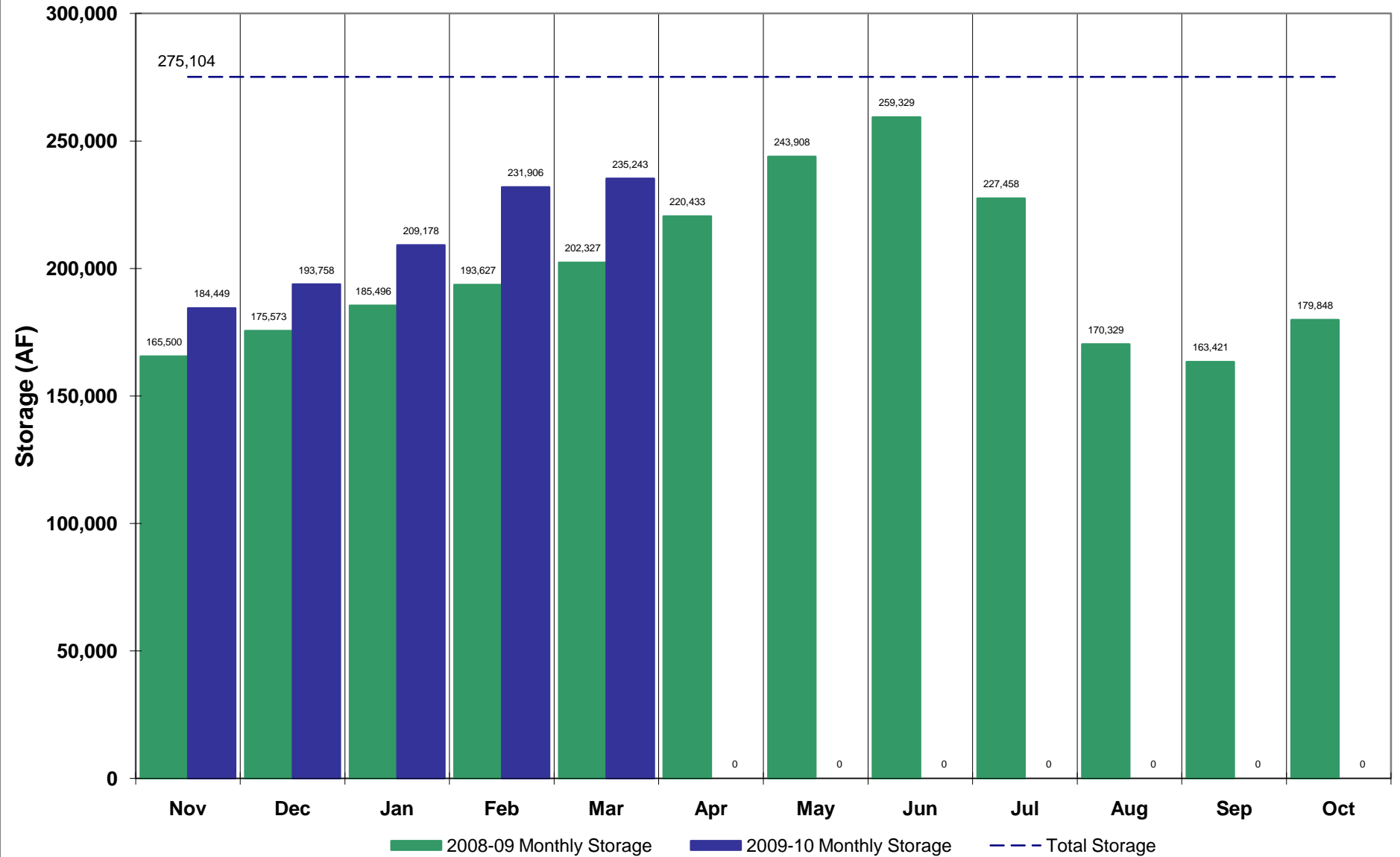
## Selected Reservoirs\*



\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

# South Platte Reservoirs

## Storage above Kersey\*



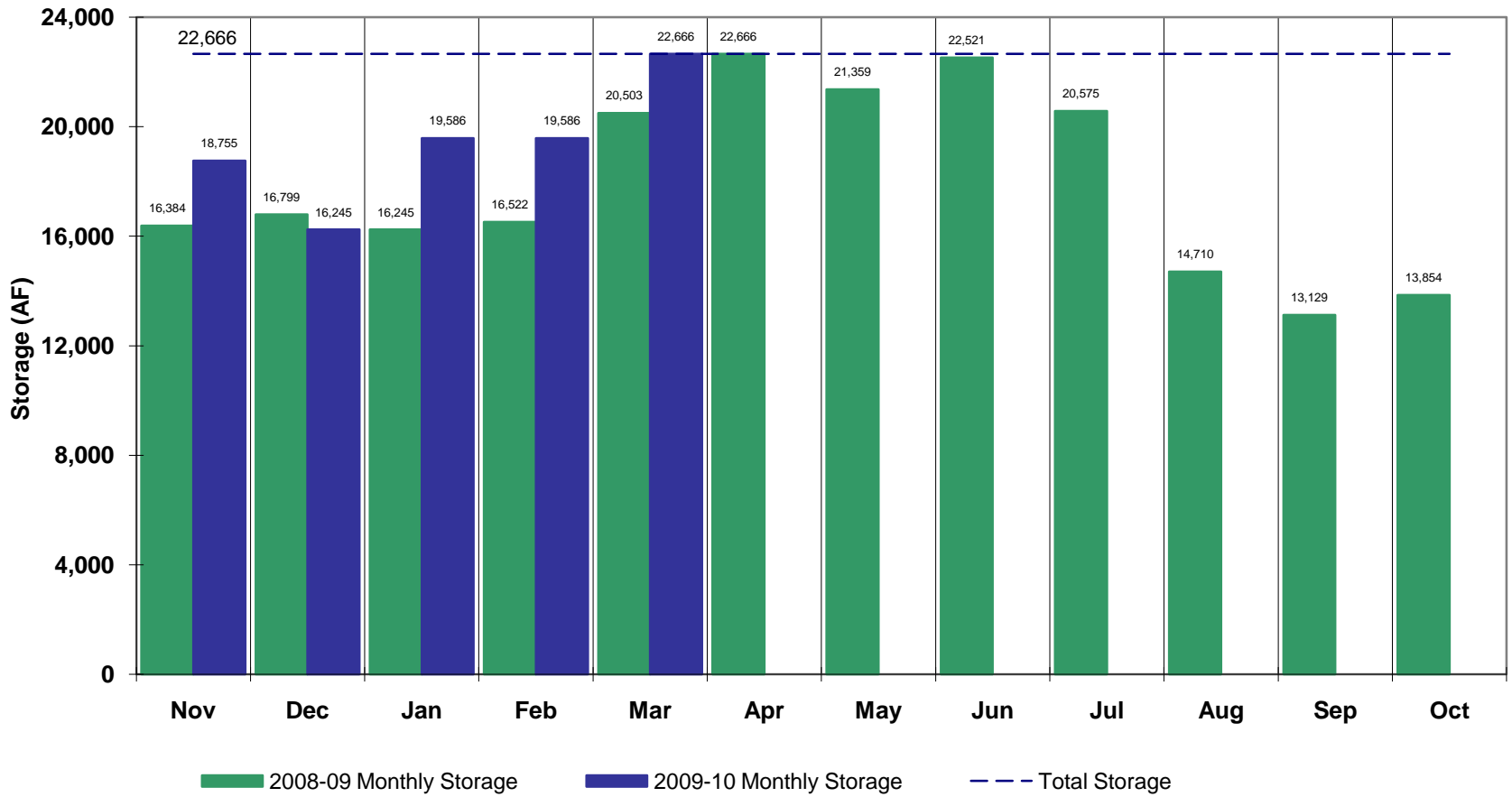
\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

# Individual Reservoir Storage Follows

Vidler Tunnel  
(Photo by Jana Ash)

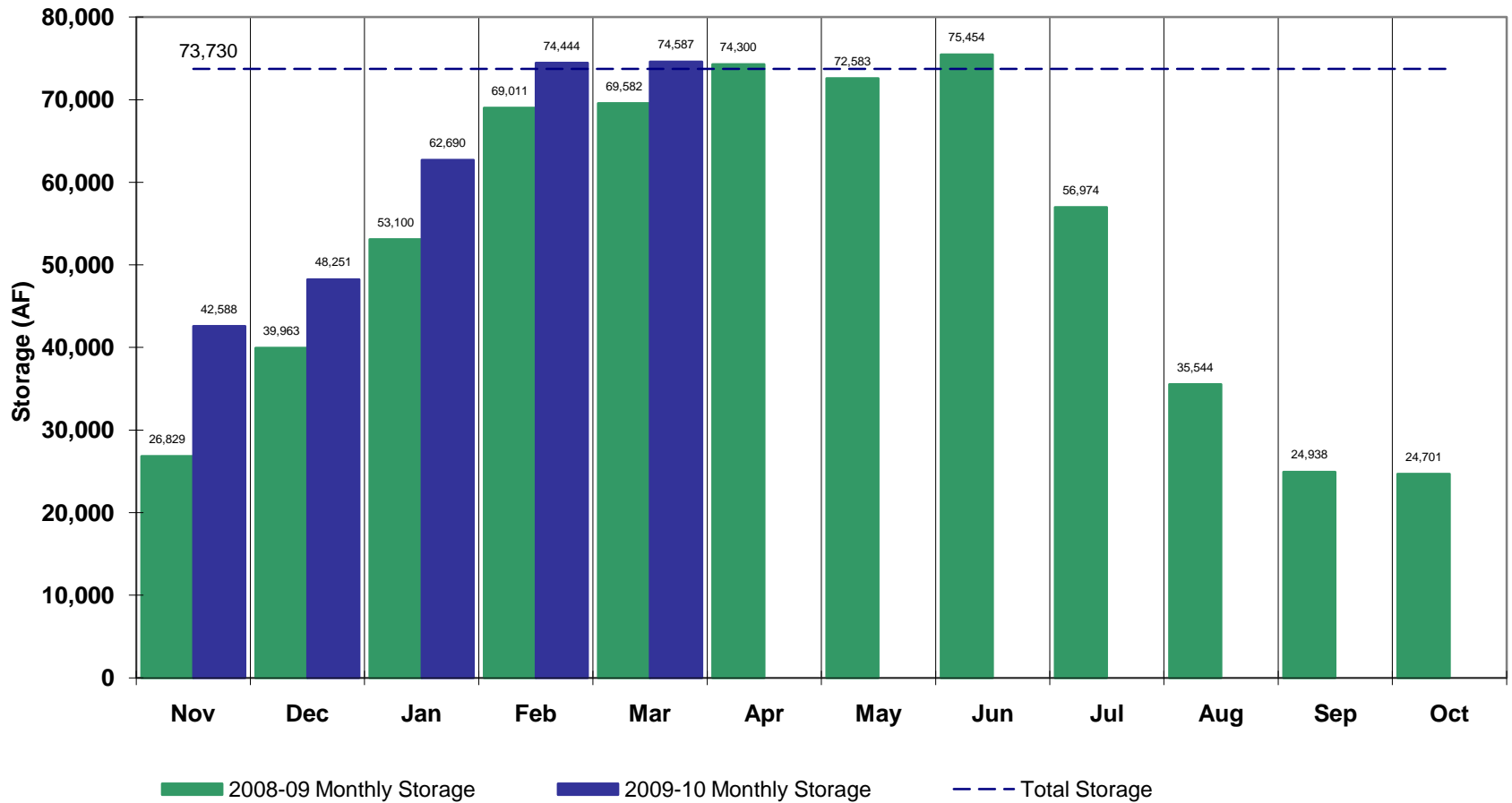
# Julesburg Reservoir

(District 64 - Agricultural)



# North Sterling Reservoir

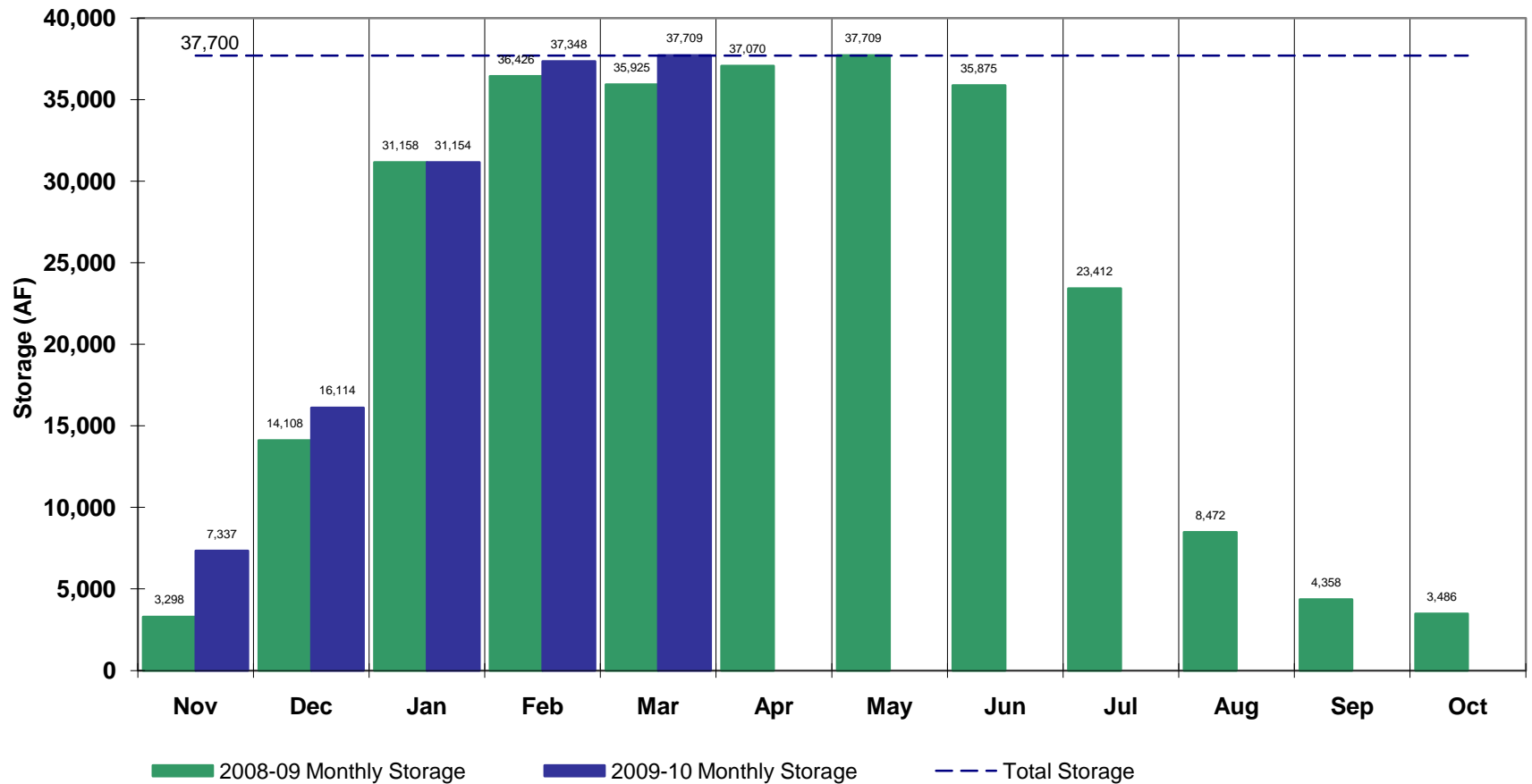
(District 64- Agricultural)





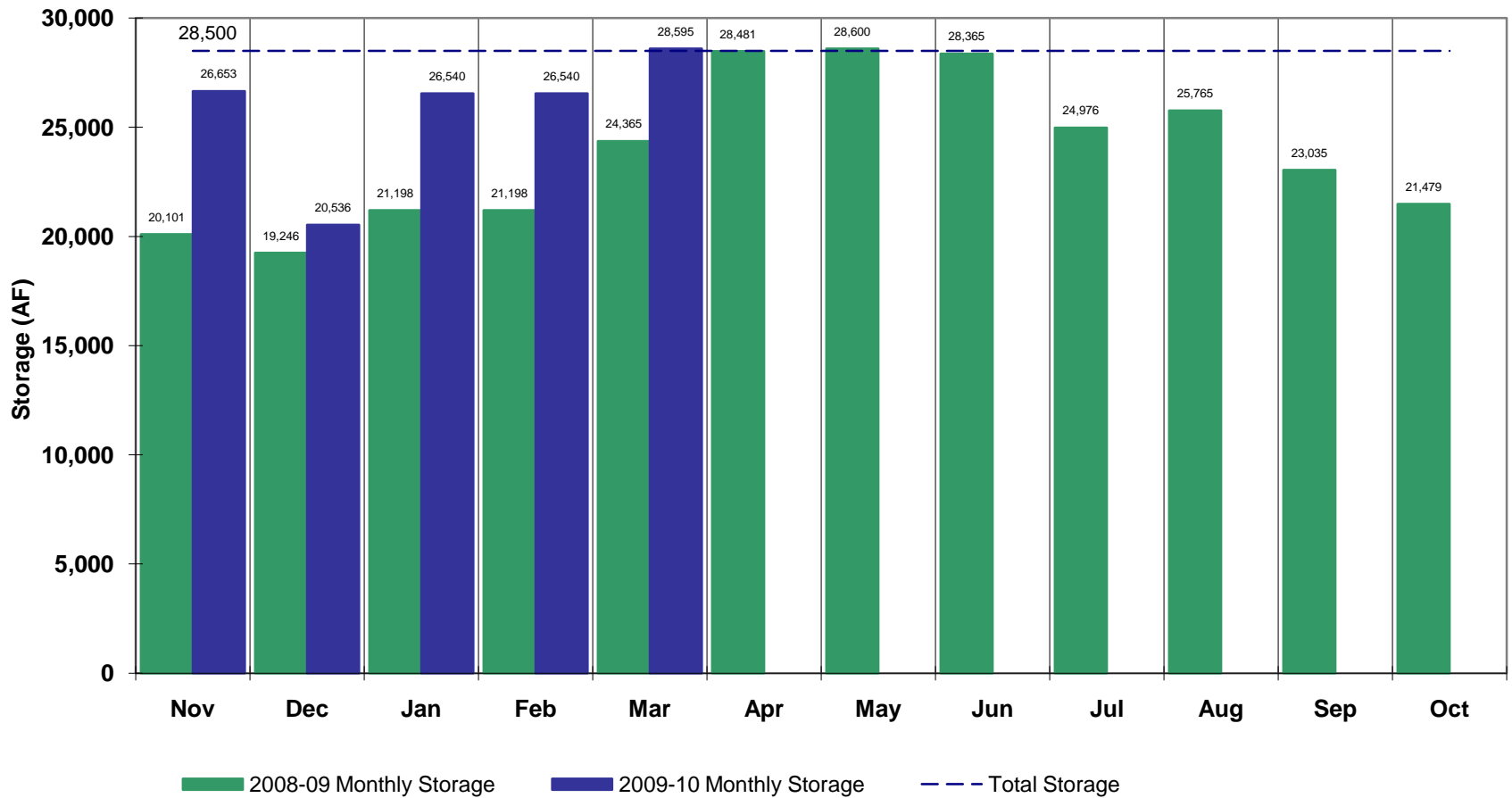
# Empire Reservoir

(District 1- Agricultural)



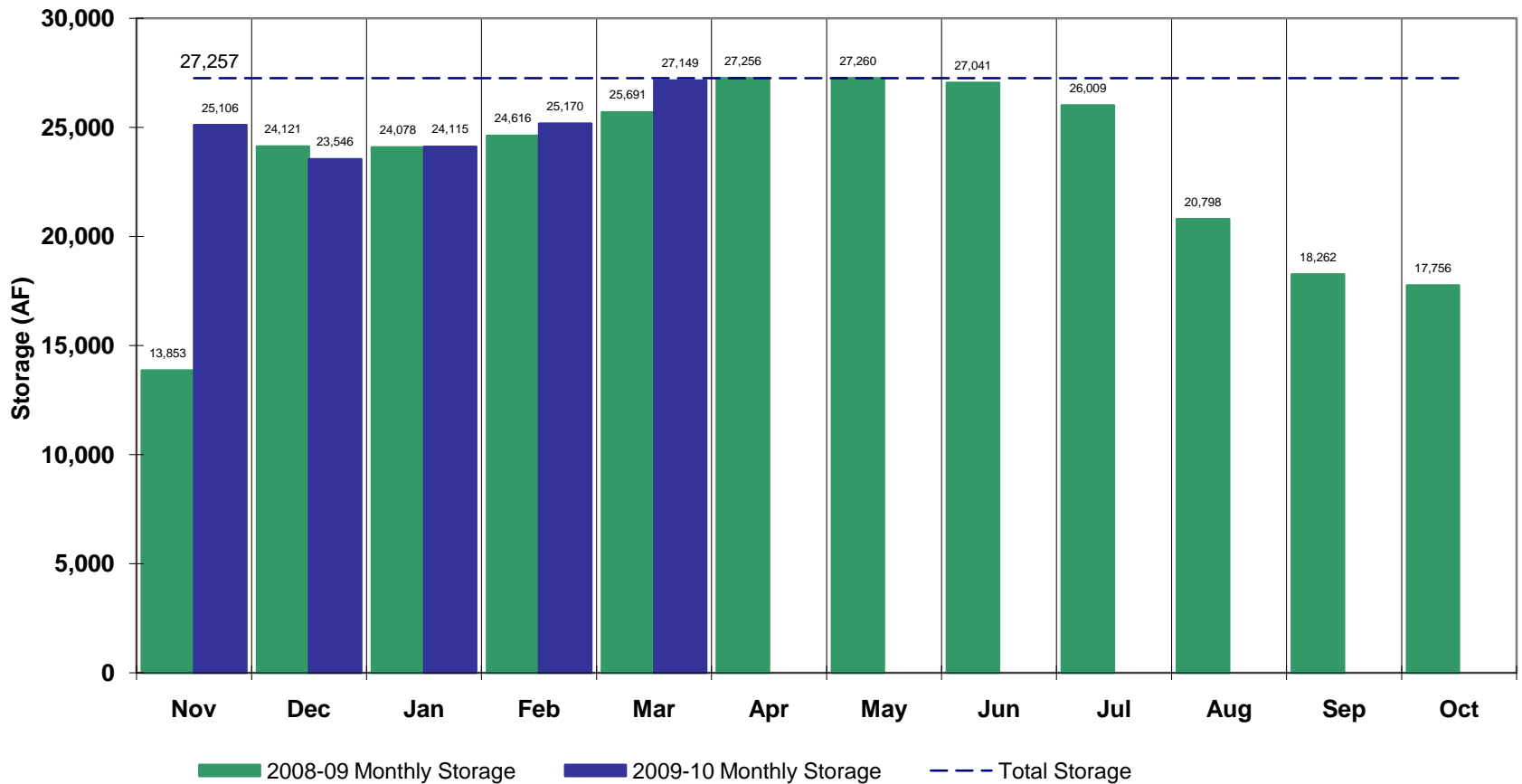
# Prewitt Reservoir

(District 64- Agricultural)



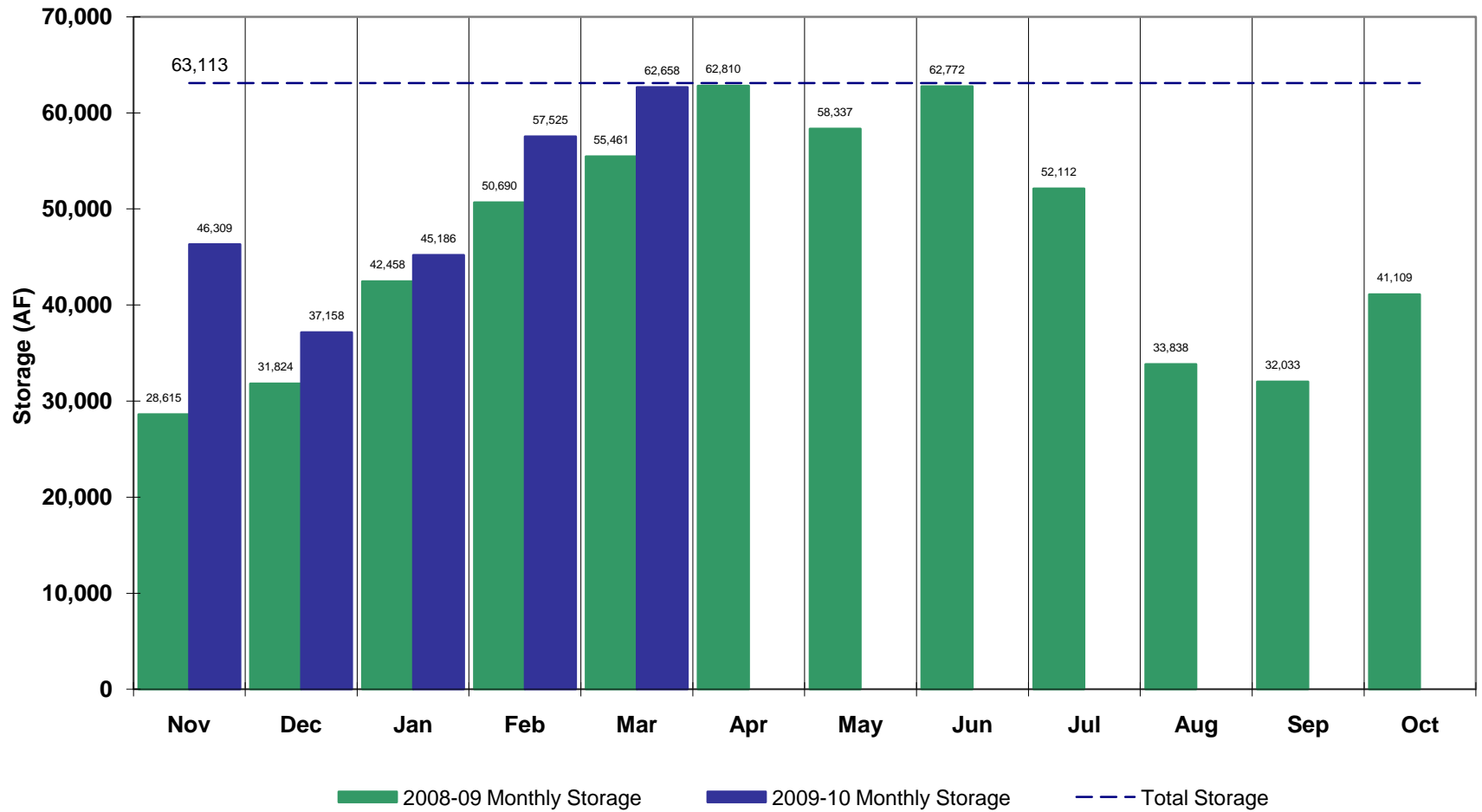
# Jackson Reservoir

(District 1- Agricultural)



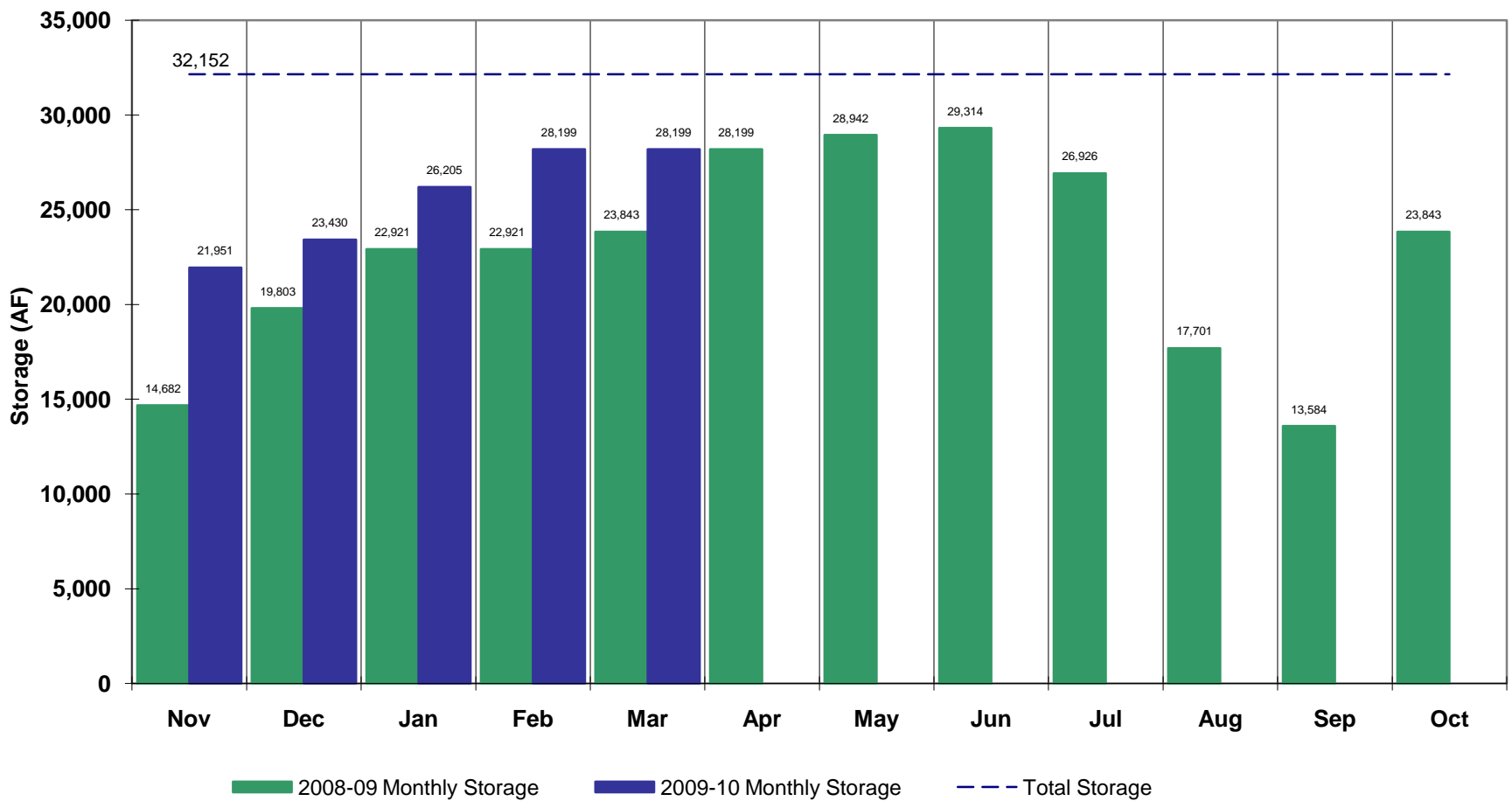
# Riverside Reservoir

(District 1 - Agricultural)



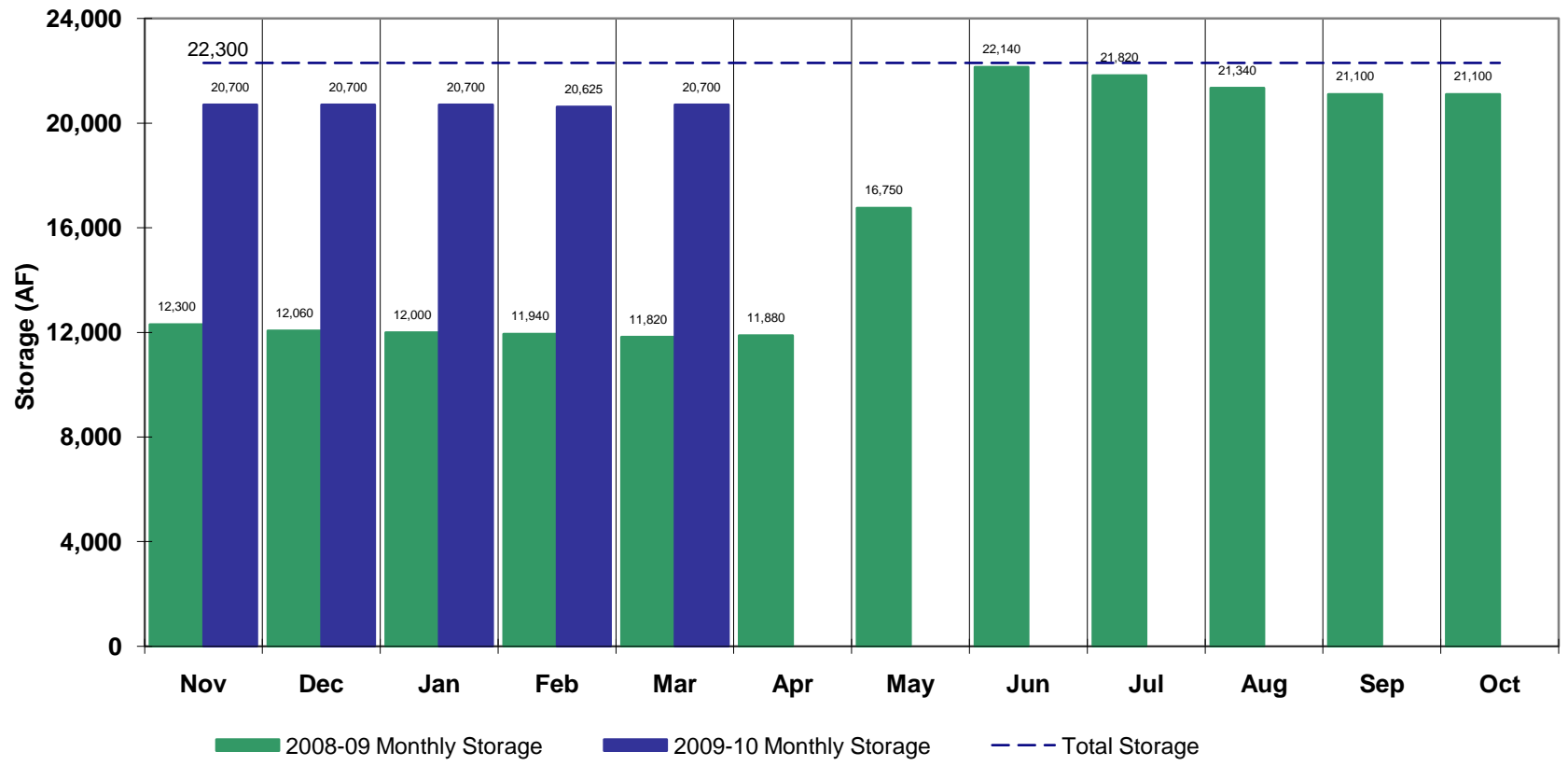
# Barr Lake

(District 2 - Agricultural)



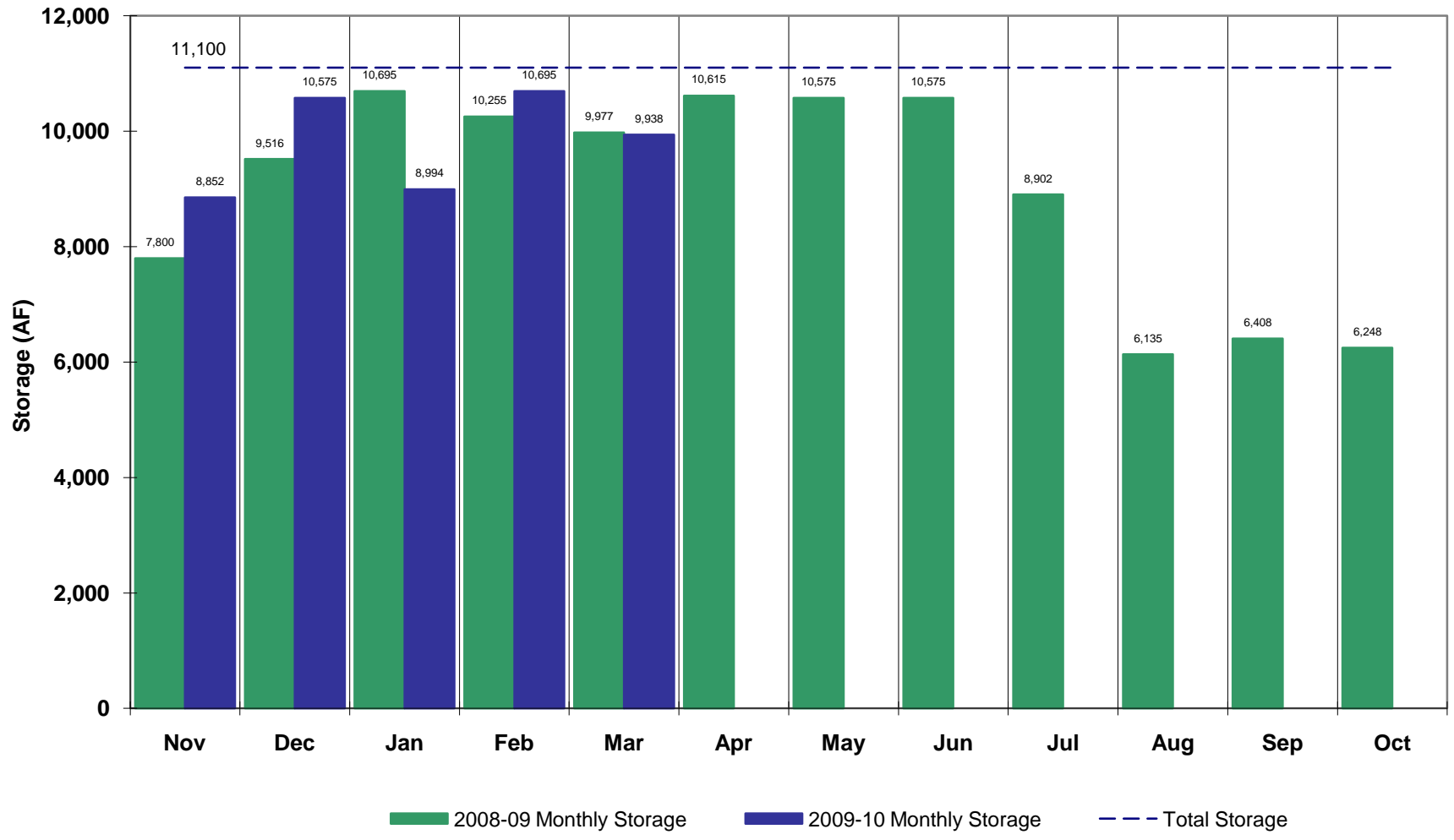
# Cobb Lake

(District 3, Poudre River - Agricultural)



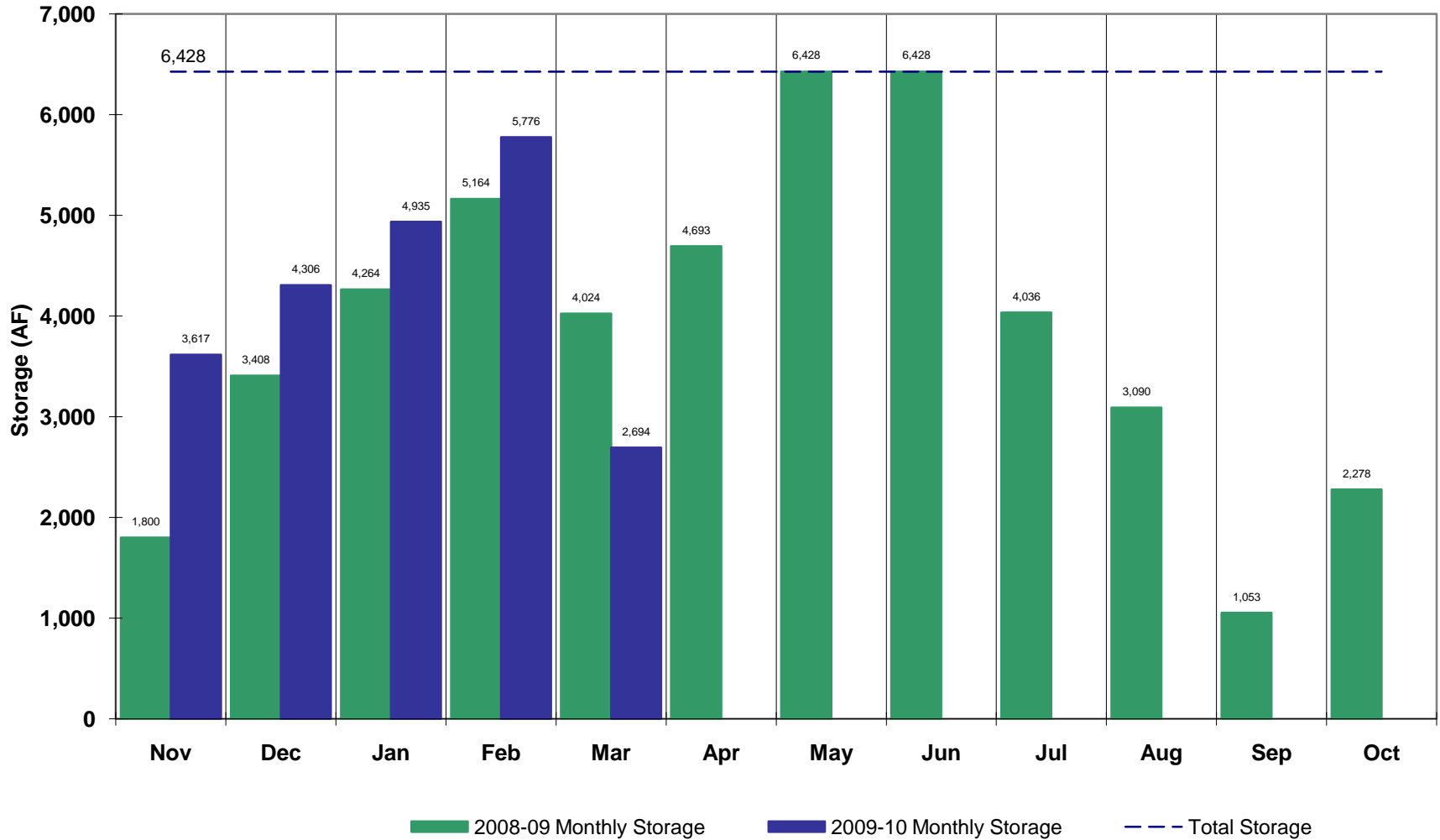
# Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



# Halligan Reservoir

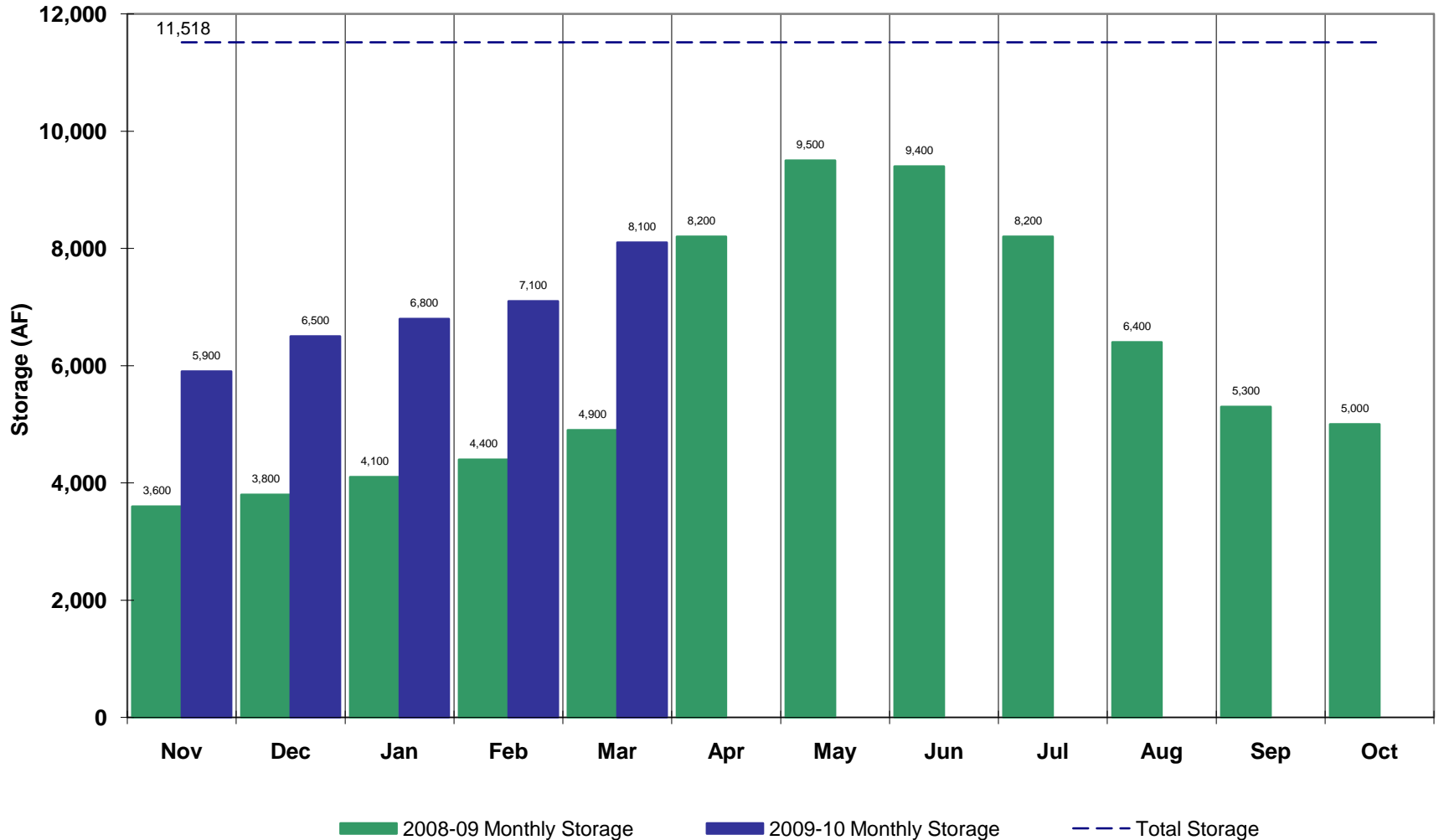
(District 3, Poudre River - Agricultural)





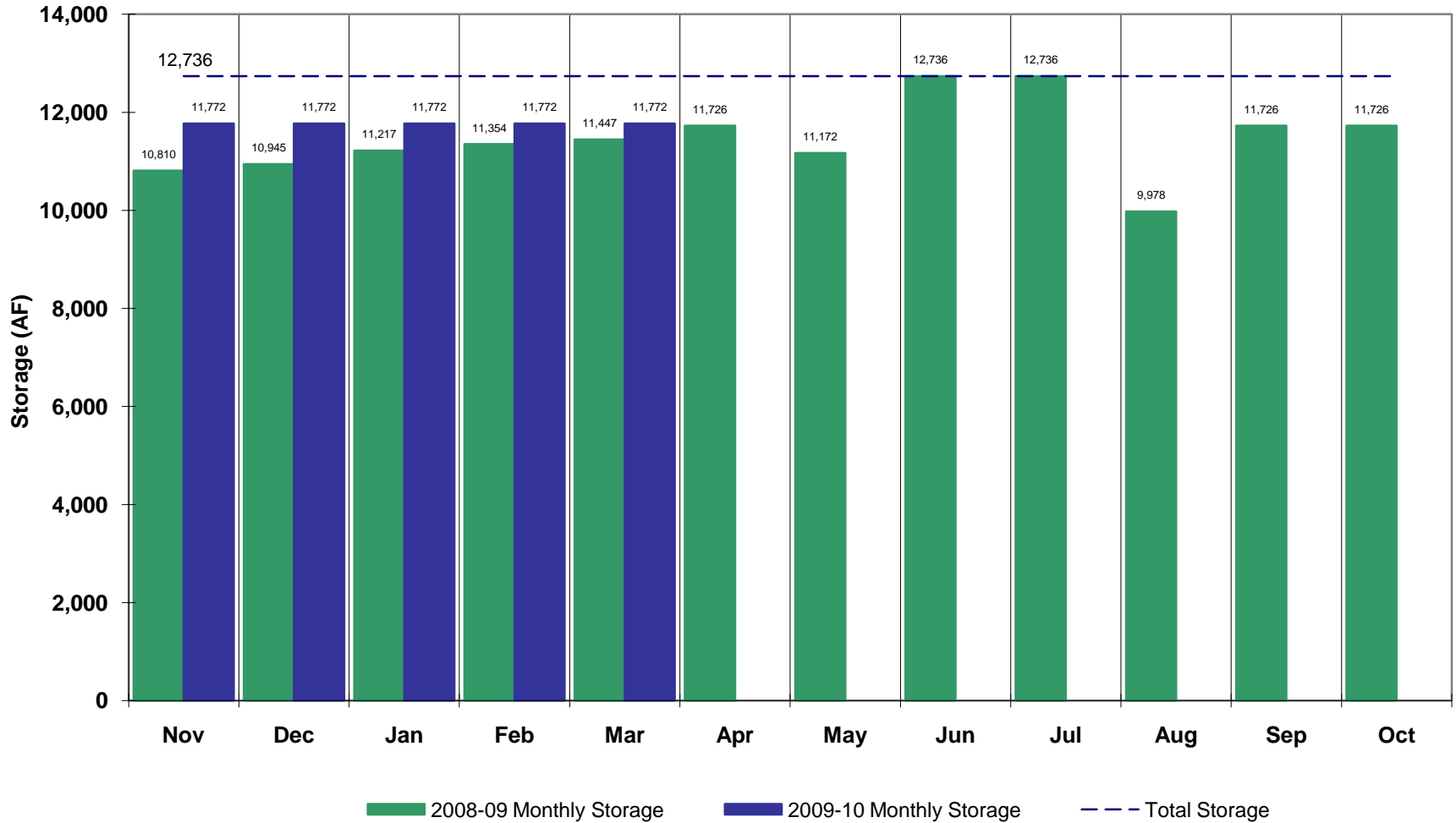
# Marshall Lake

(District 6, Boulder Creek - Agricultural)



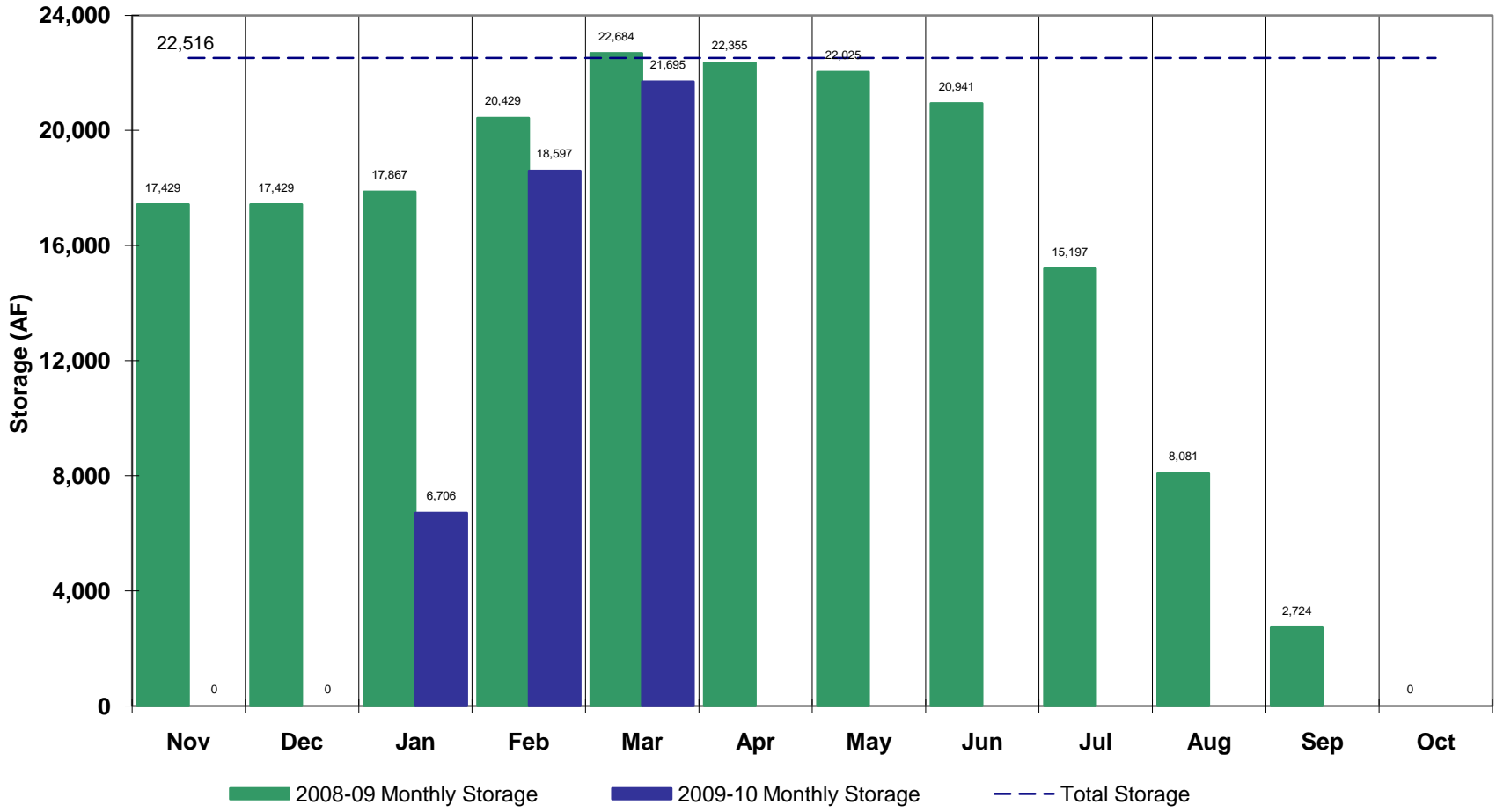
# Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



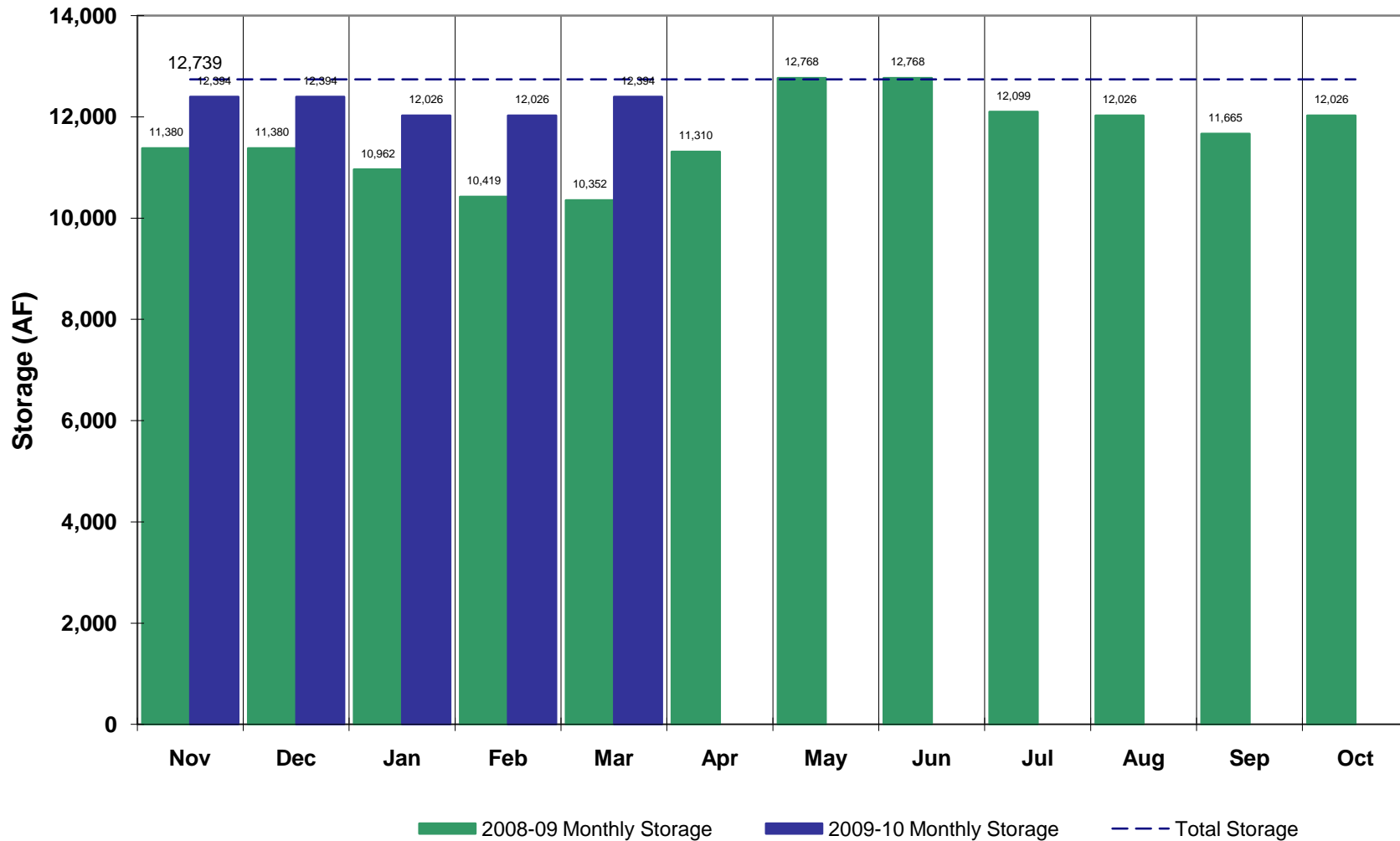
# Milton Reservoir

## (District 2 - Agricultural)

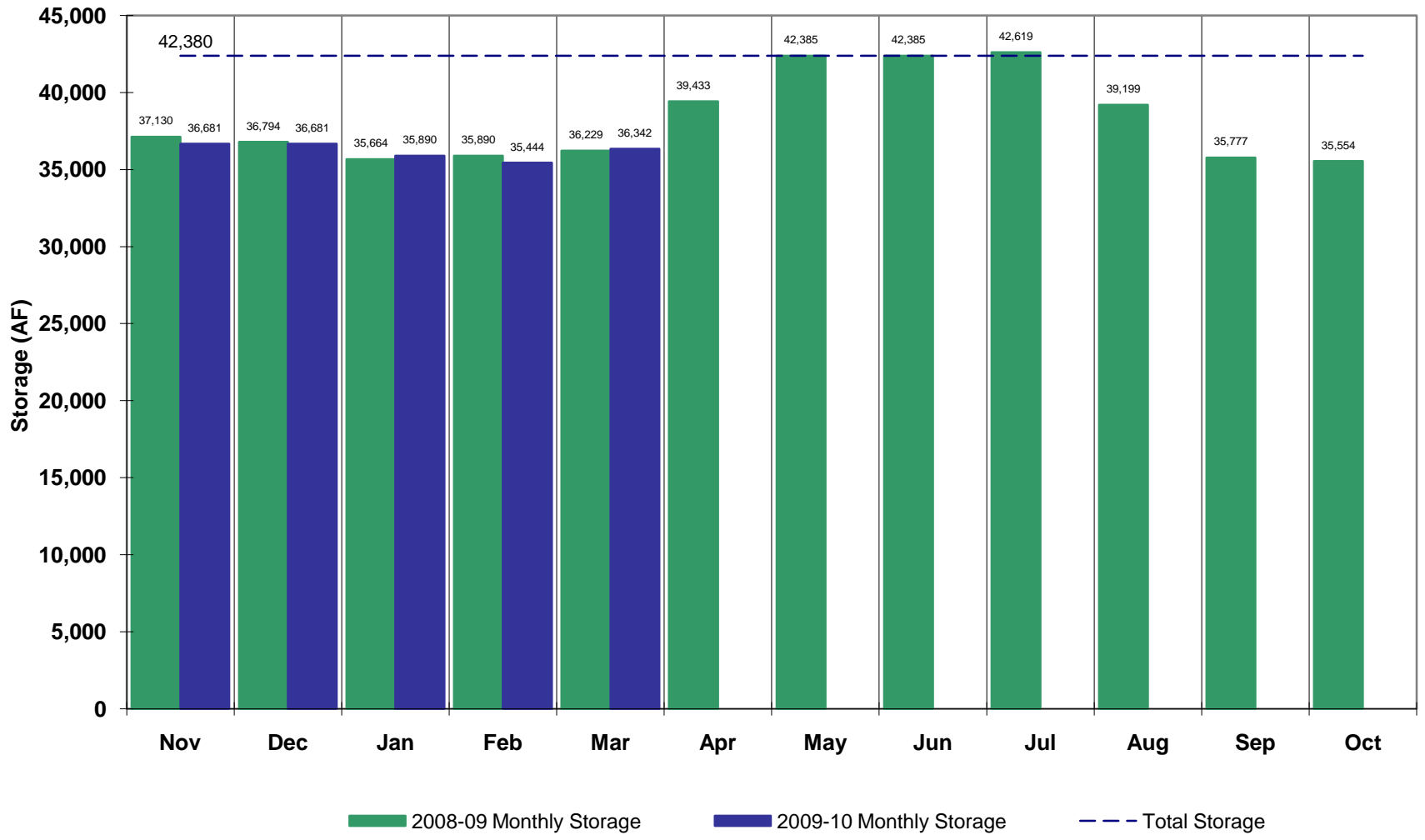


# Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

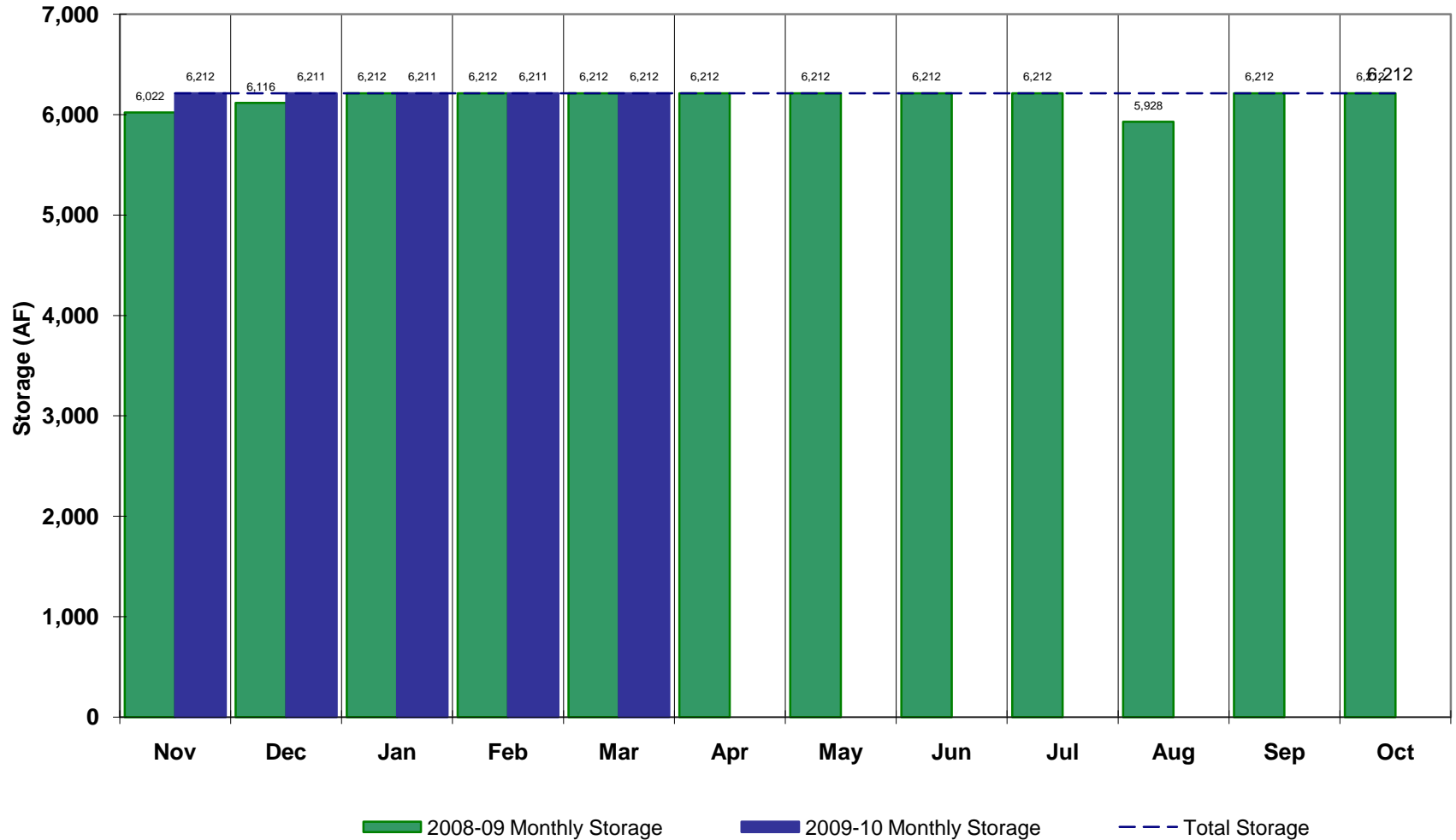


# Standley Lake (Agricultural)



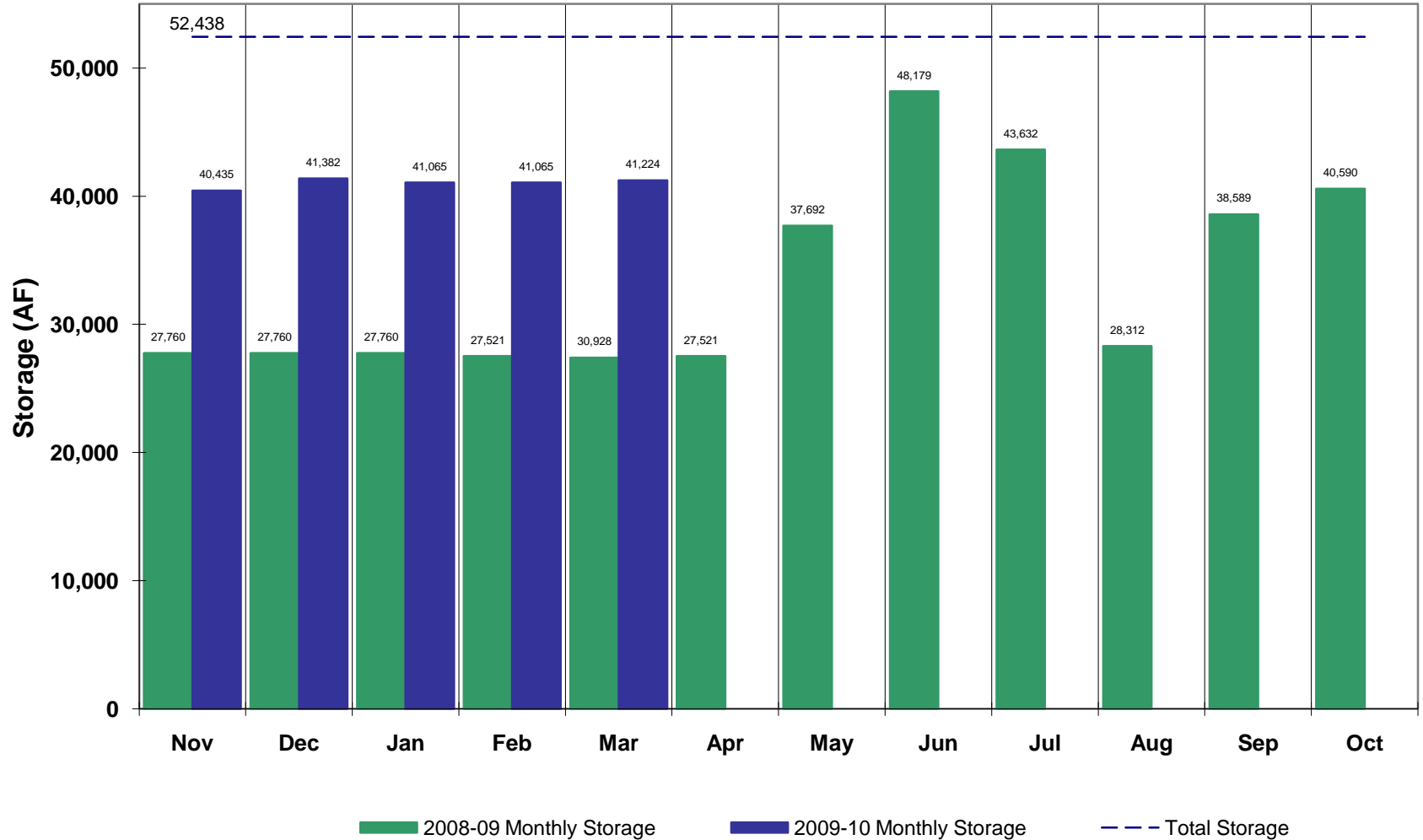
# Lower Latham Reservoir

## (District 2 - Agricultural)



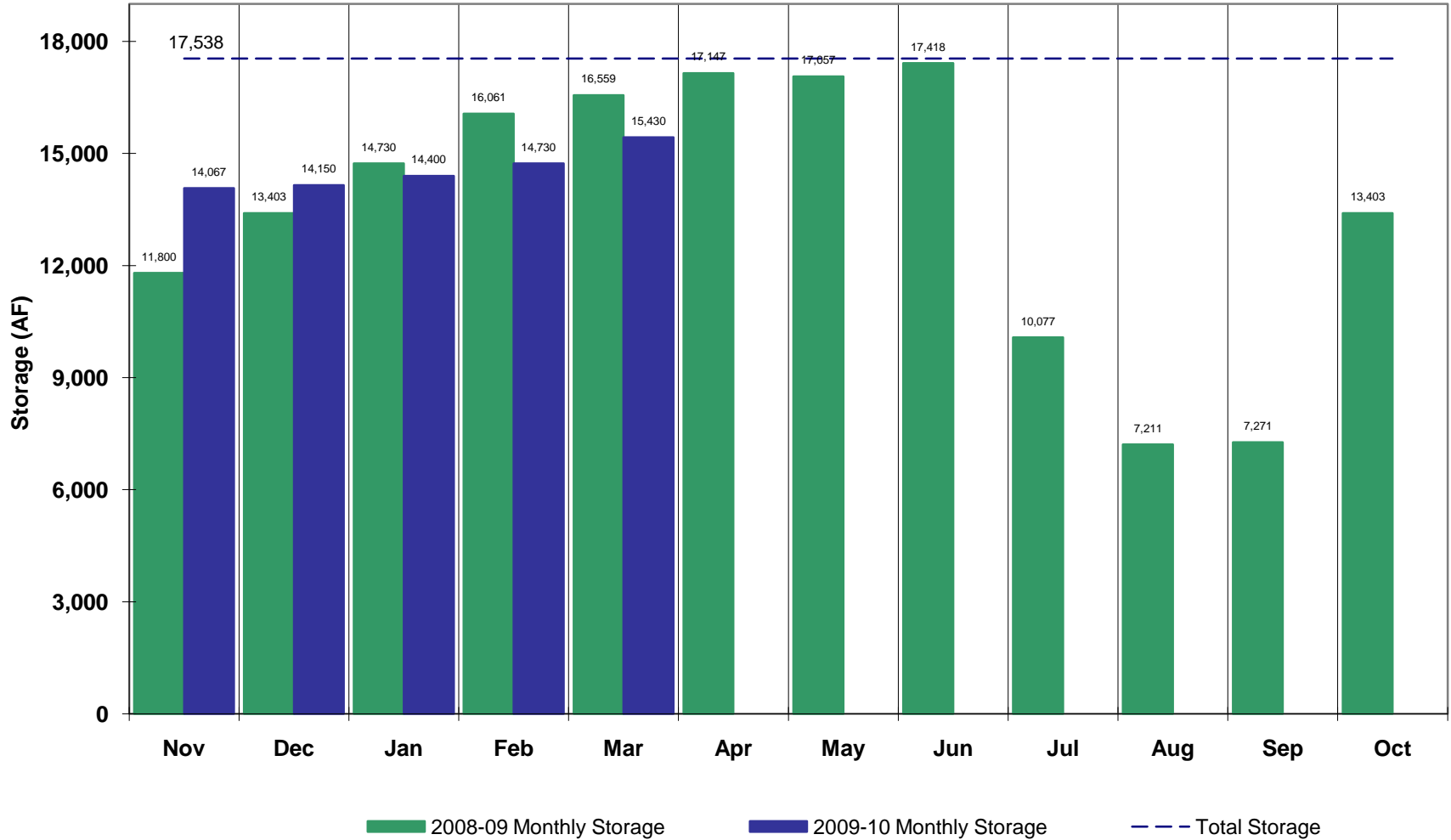
# Boyd Lake

(District 4, Big Thompson River - Agricultural)



# Windsor Reservoir

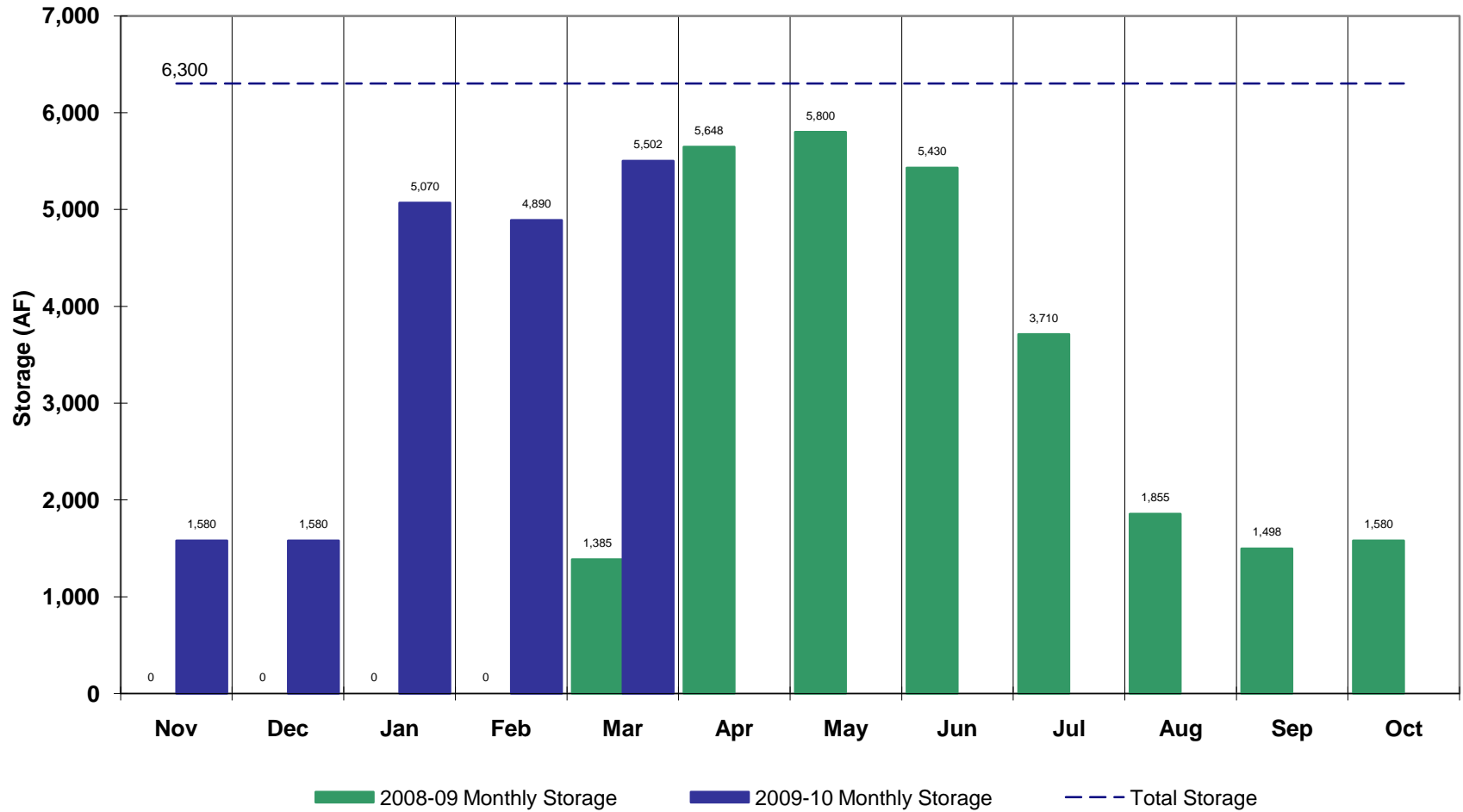
(District 3, Poudre River - Agricultural)





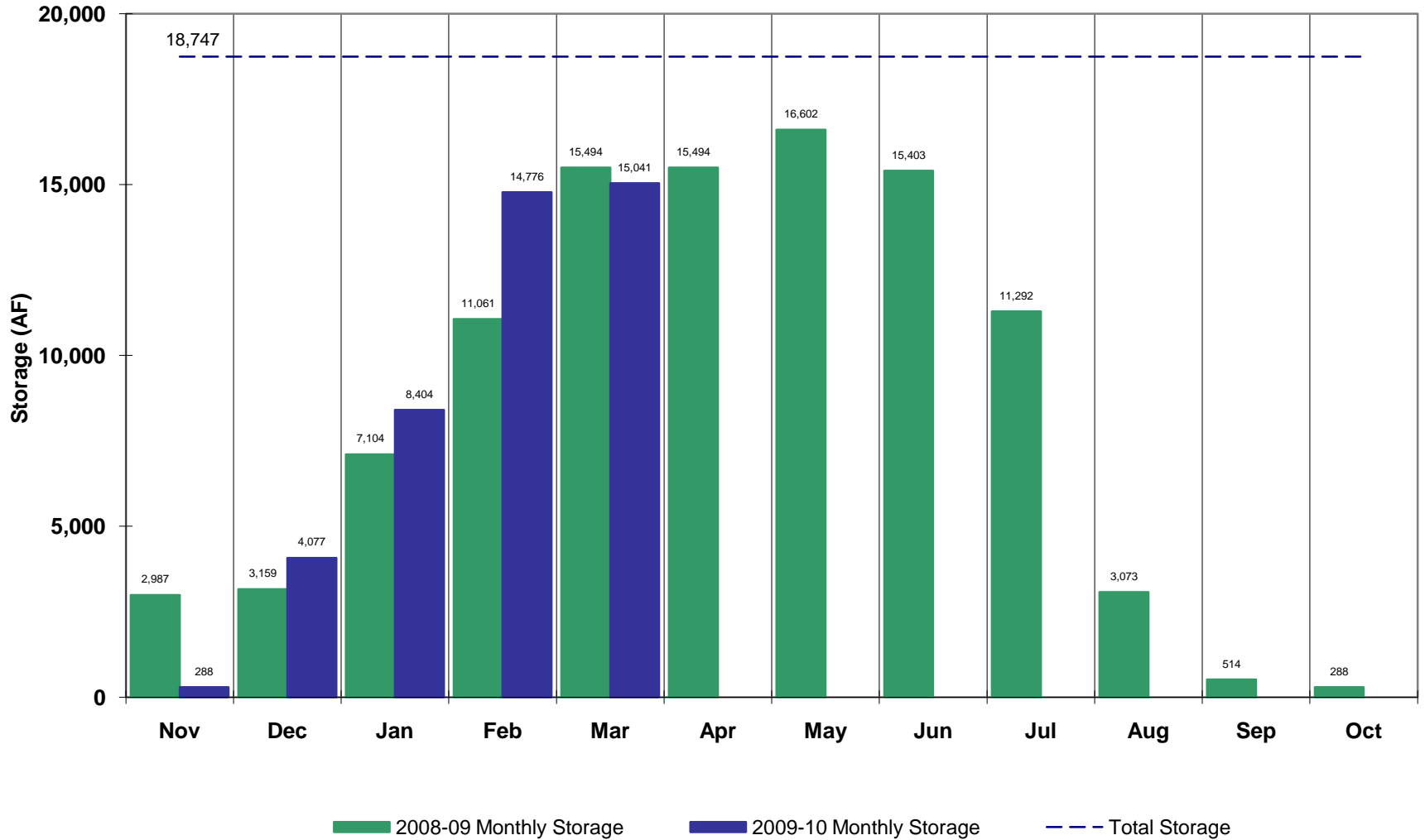
# Prospect Reservoir

(District 1- Agricultural)



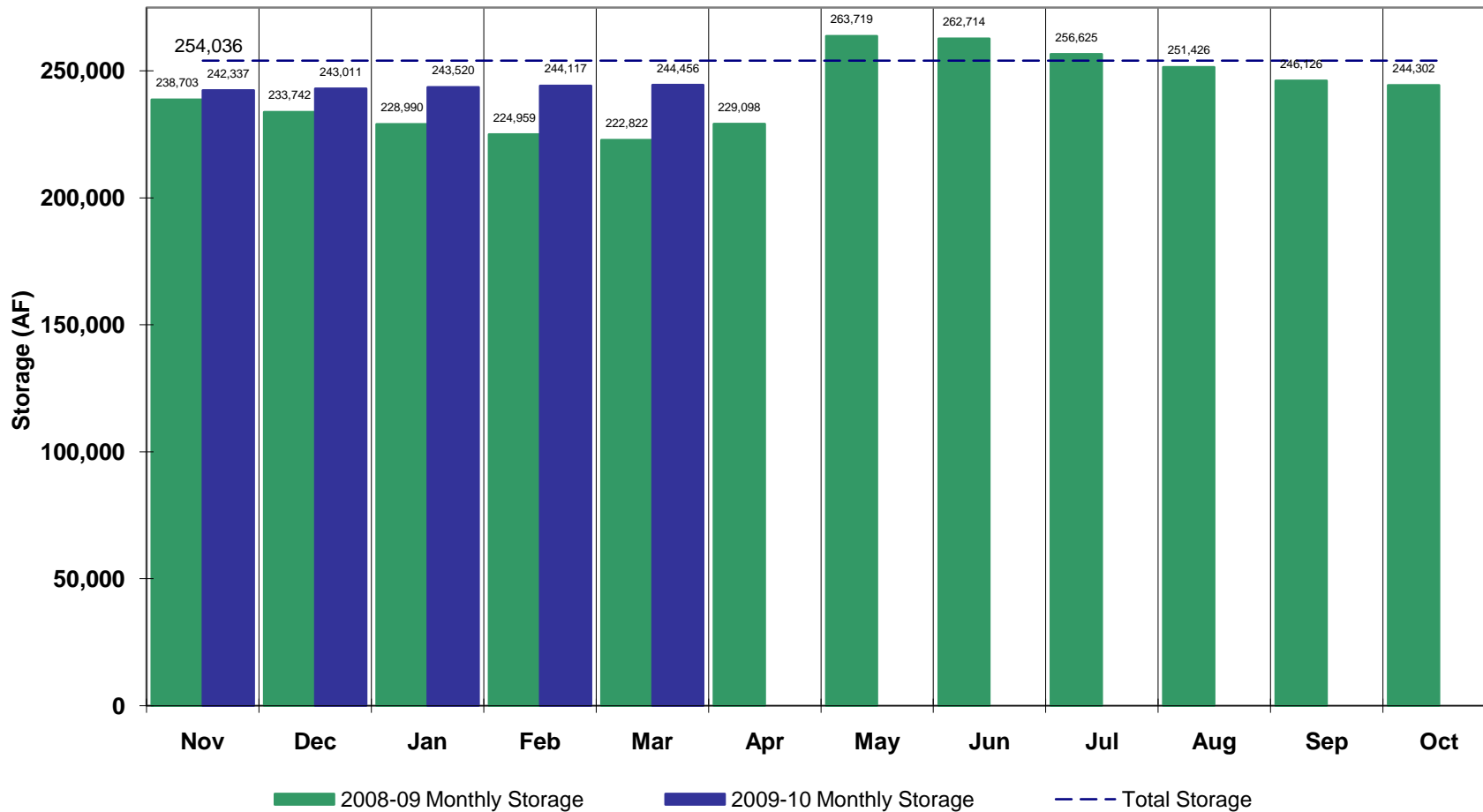
# Horse Creek Reservoir

(District 1 - Agricultural)



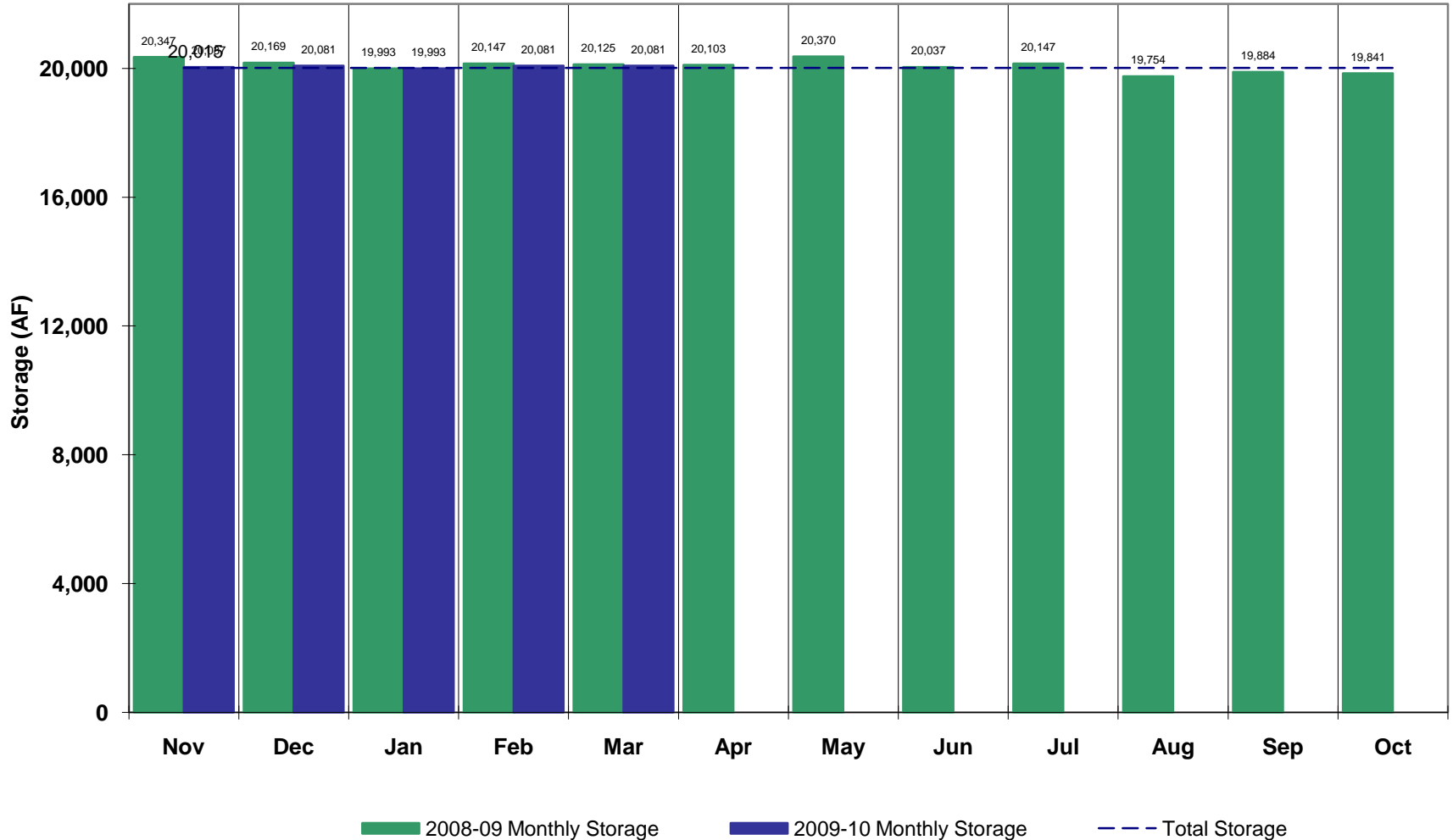
# Dillon Reservoir

(Municipal)



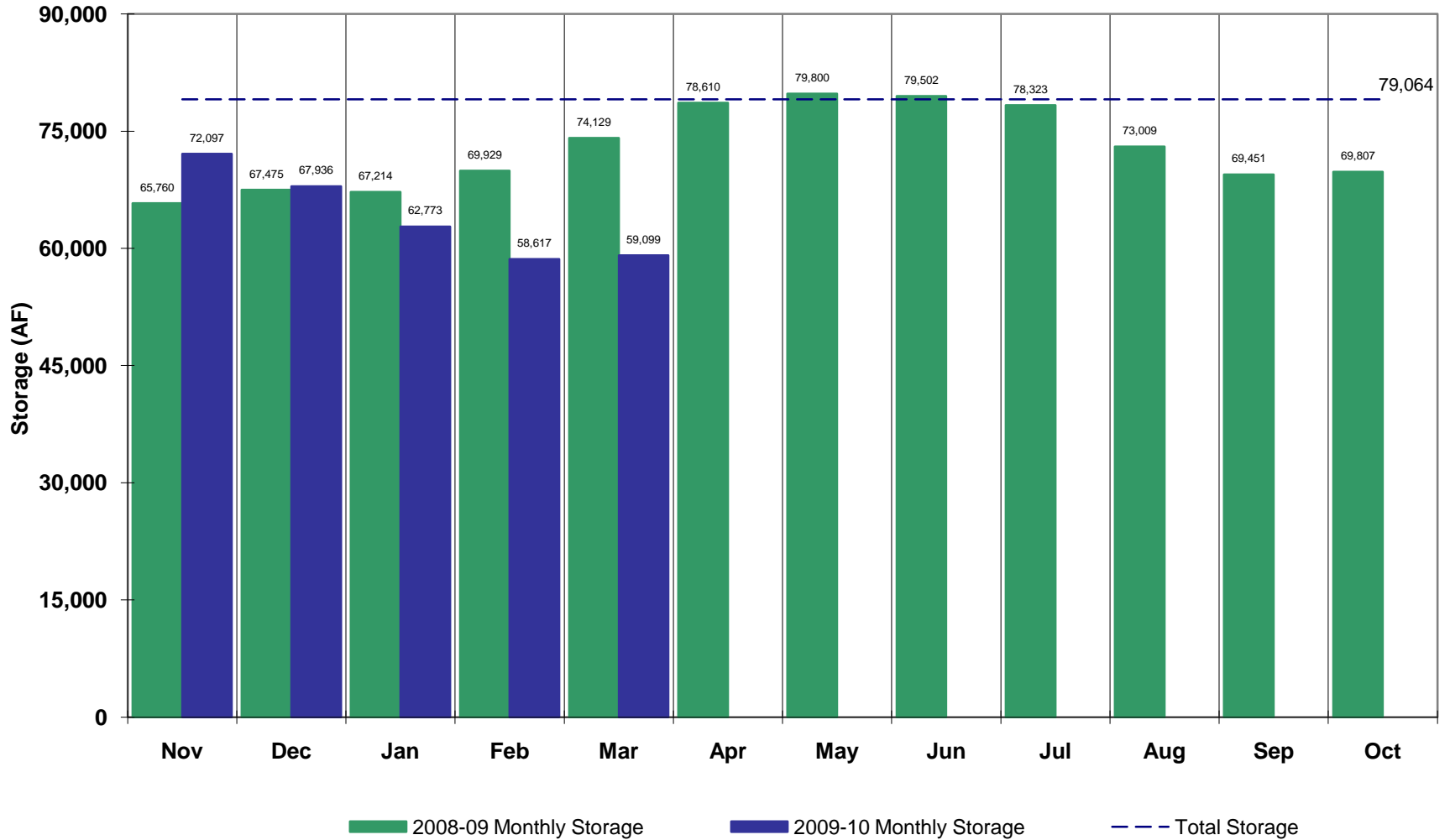
# Antero Reservoir

## (District 23 - Municipal)



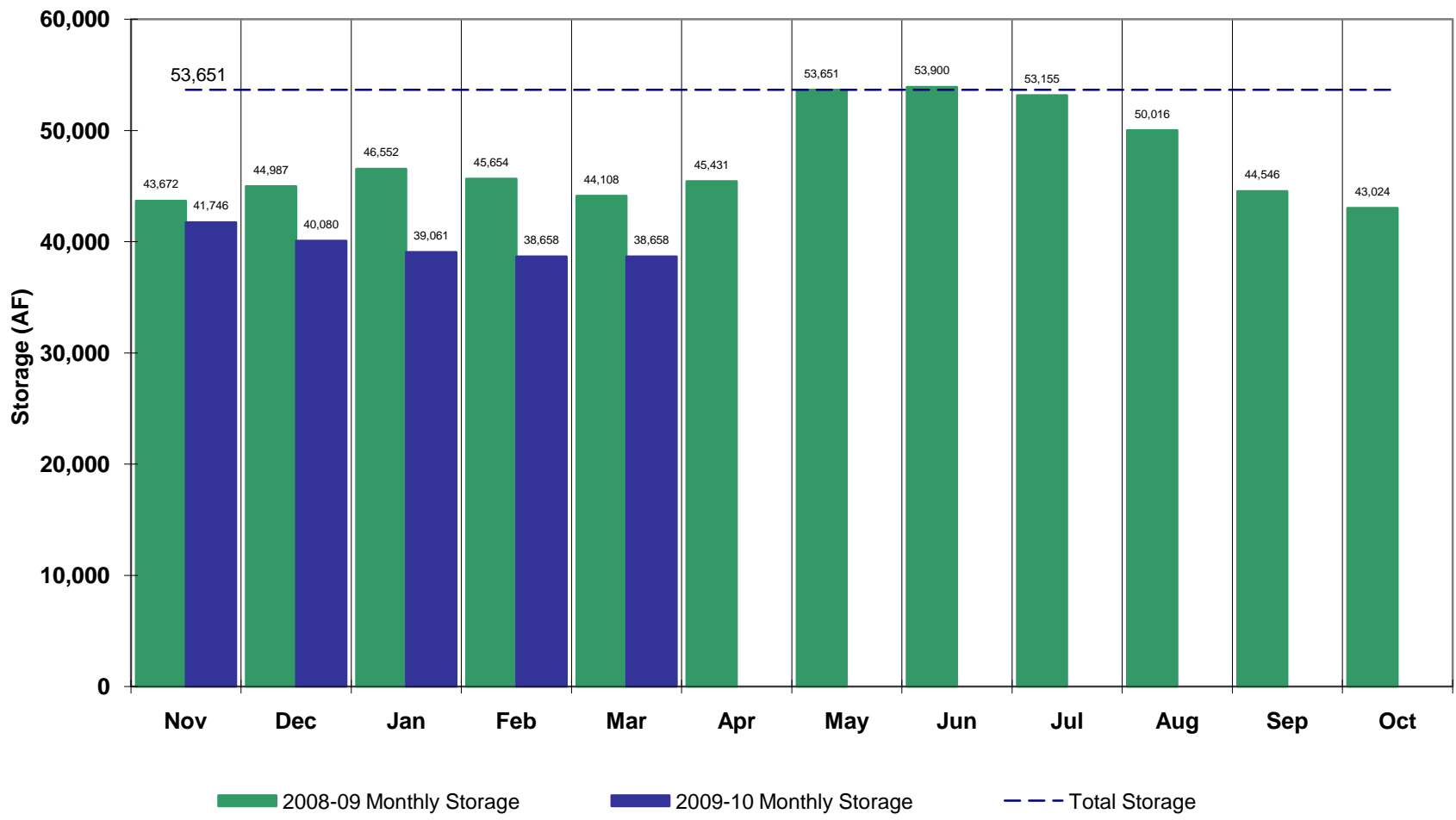
# Cheesman Reservoir

(District 80 - Municipal)



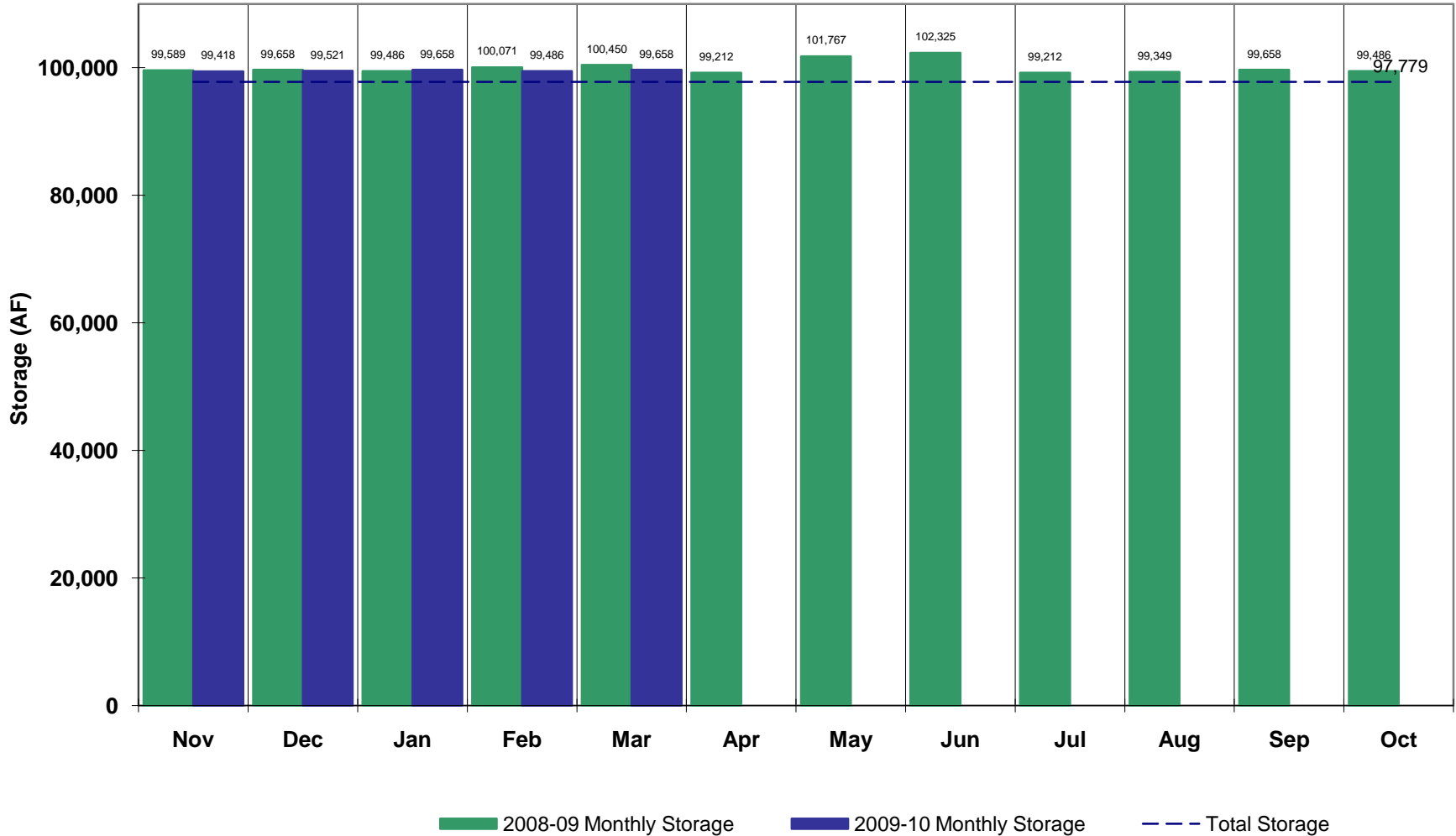
# Spinney Mountain Reservoir

(District 23 - Municipal)

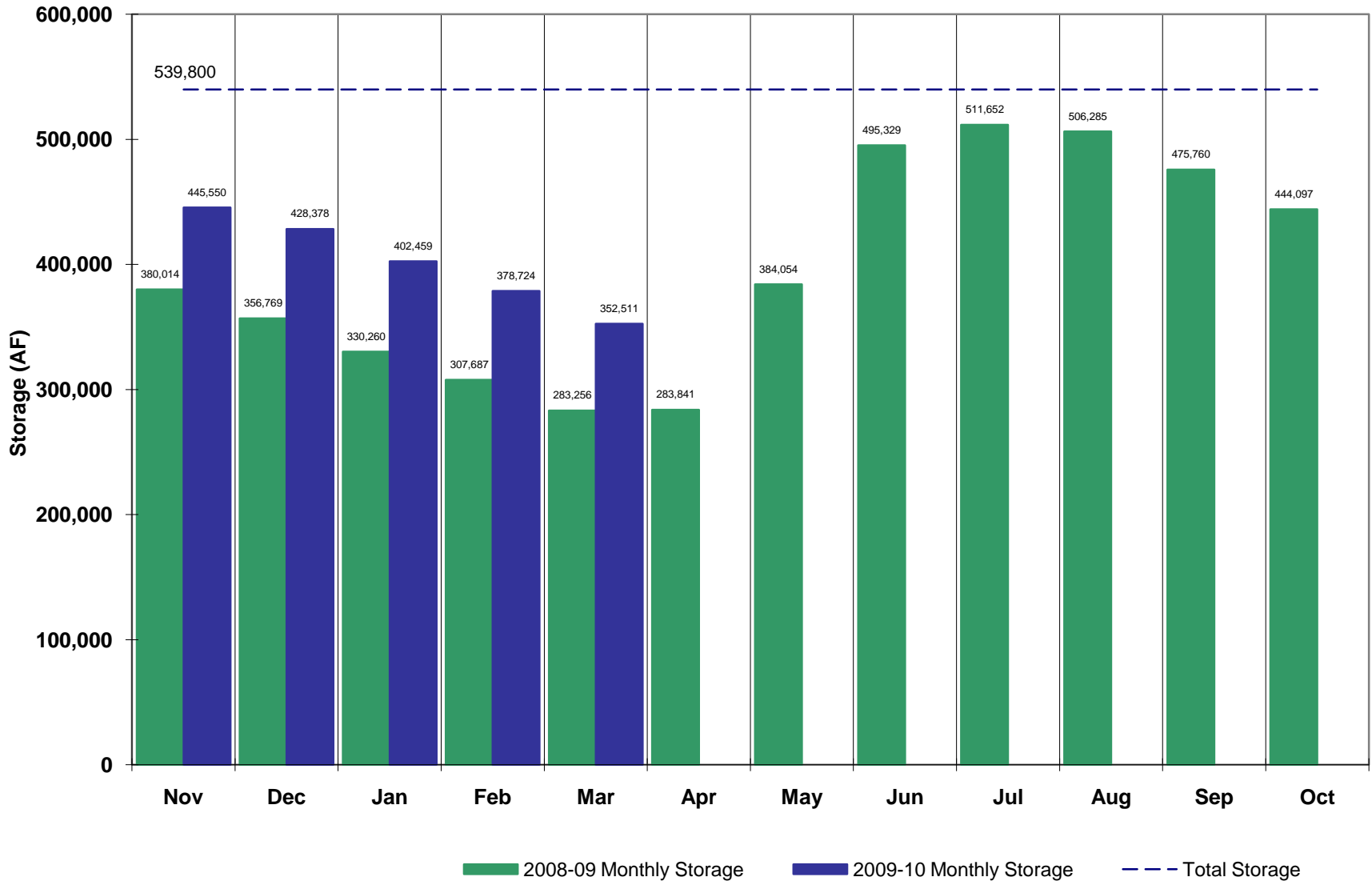


# Eleven Mile Reservoir

## (District 23 - Municipal)



# Lake Granby







Fred and Merlin