



**July 2008**

# **South Platte Summary**

Compiled by Jana Ash



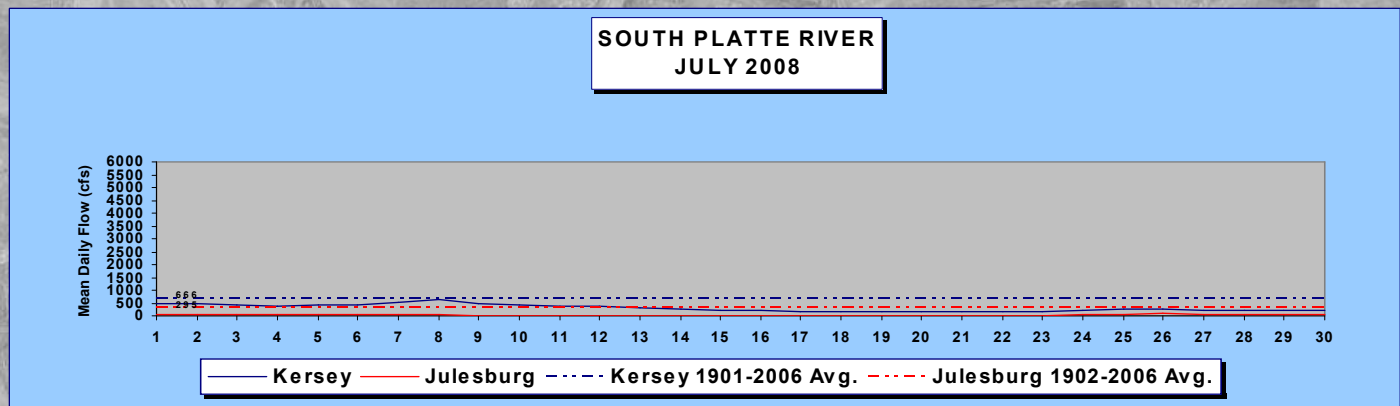
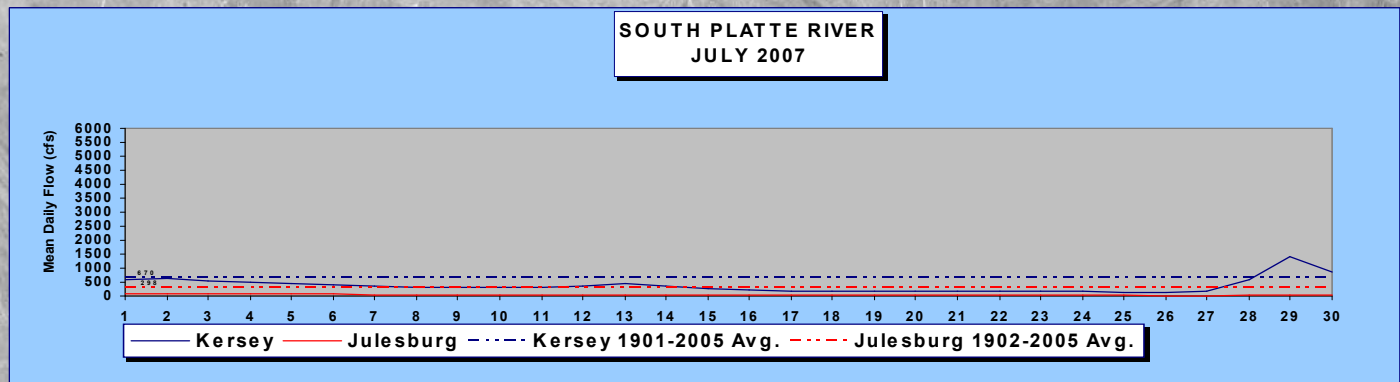
Dillon Reservoir  
(Photo by Jana Ash)

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

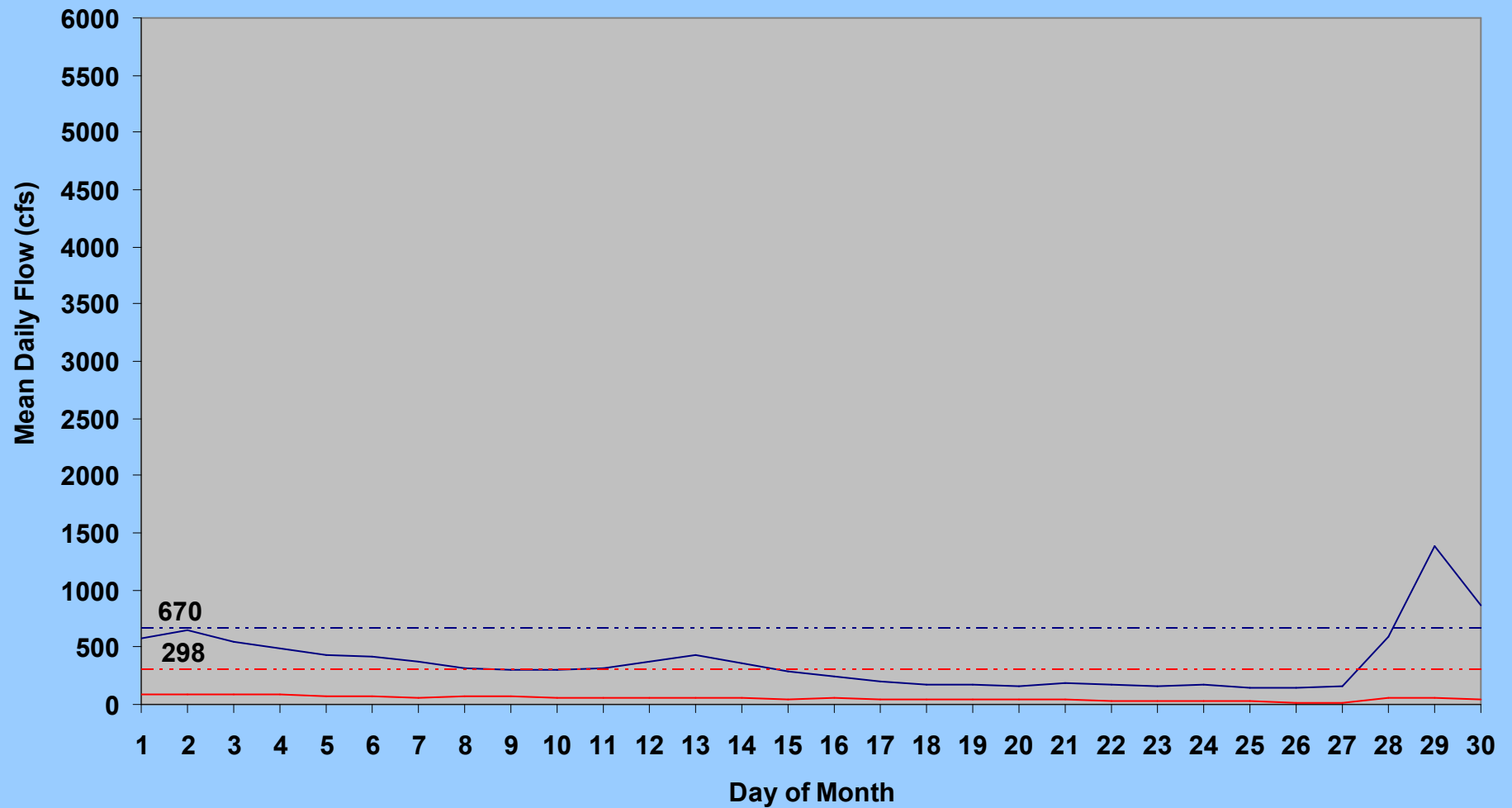
## MONTH OF JULY 2008

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	19,240	12,888	64	-6,352	-33%	57%	65%	0
N STERLING	73,730	52,370	32,997	64	-19,373	-37%	45%	57%	0
PREWITT	28,500	22,096	14,096	64	-8,000	-36%	49%	66%	0
JACKSON	27,257	23,926	15,395	1	-8,531	-36%	56%	74%	0
EMPIRE	37,700	20,360	9,394	1	-10,966	-54%	25%	55%	0
RIVERSIDE	63,113	38,730	24,727	1	-14,003	-36%	39%	64%	0
BARR LAKE	31,652	23,843	14,743	2	-9,100	-38%	47%	69%	0
CHEESMAN	79,064	79,519	79,335	80	-184	0%	100%	100%	271
ELEVEN MILE	97,779	101,628	99,315	23	-2,313	-2%	100%	100%	1,536
SPINNEY	53,651	53,561	50,252	23	-3,309	-6%	94%	98%	0
ANTERO	20,015	20,081	20,015	23	-66	0%	100%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>295</b>
<b>JULESBURG</b>	<b>35</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>381</b>
<b>JULESBURG</b>	<b>54</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>666</b>
<b>JULESBURG</b>	<b>295</b>
* 1901-2006	
1902-2006	

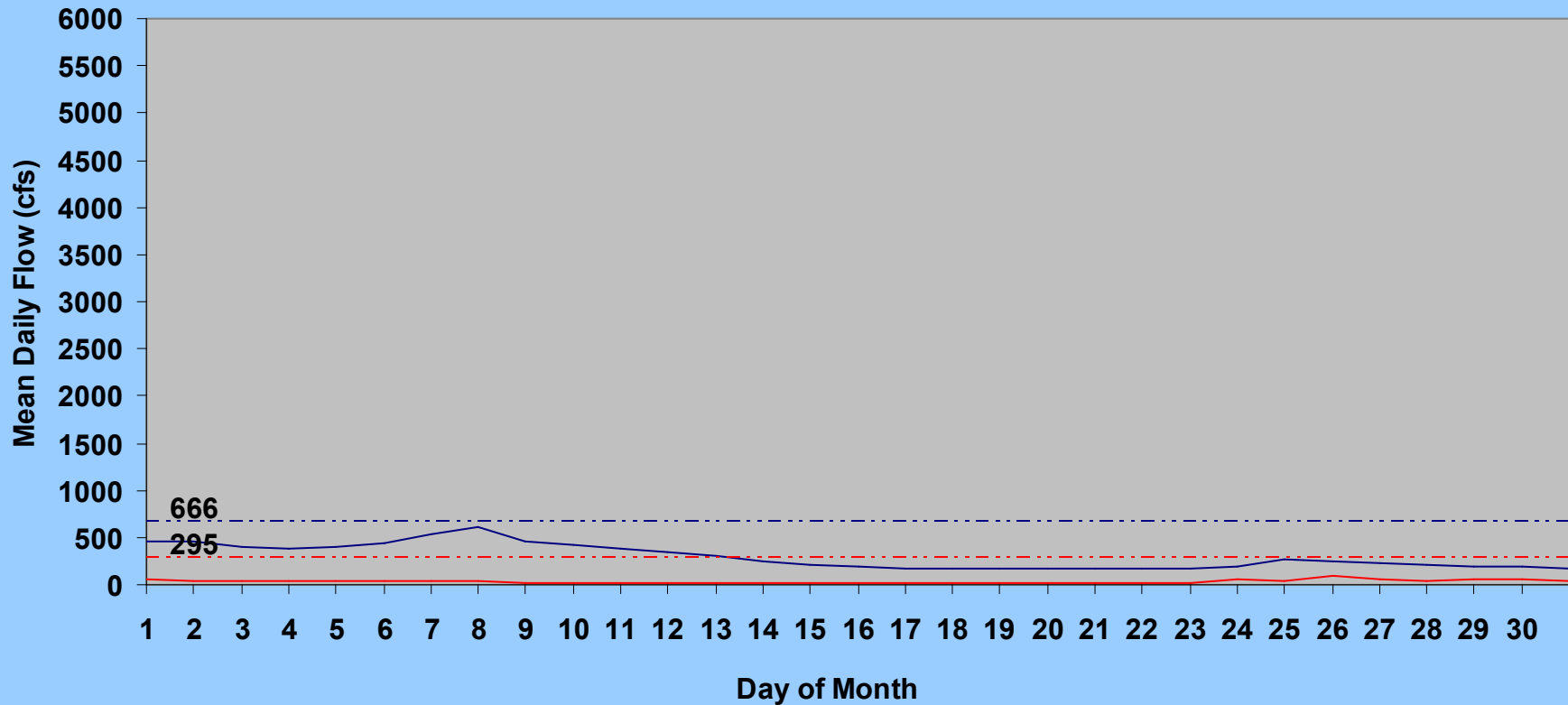


# SOUTH PLATTE RIVER JULY 2007



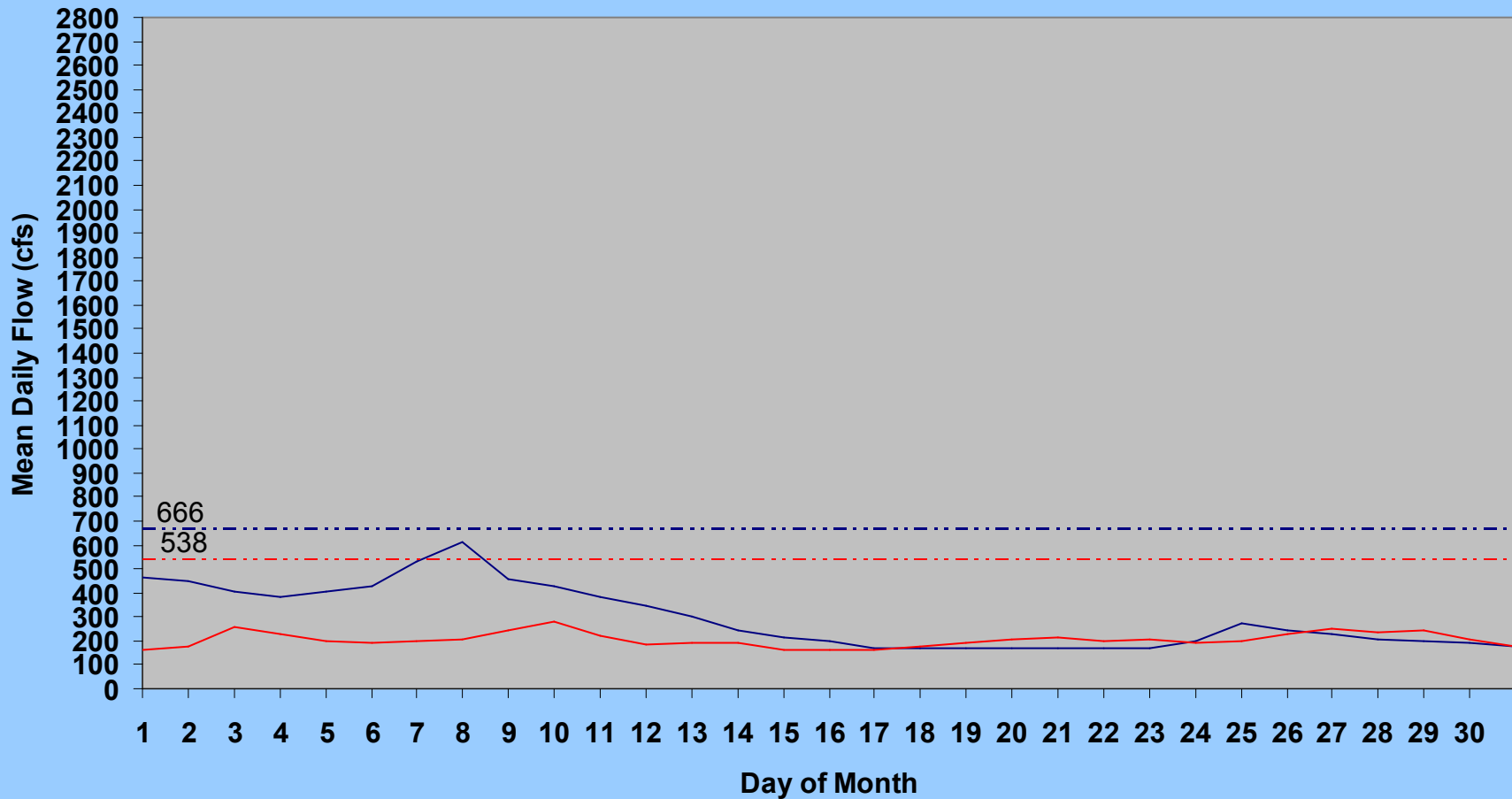
— Kersey — Julesburg - - - Kersey 1901-2005 Avg. - - - Julesburg 1902-2005 Avg.

# SOUTH PLATTE RIVER JULY 2008



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

# KERSEY and BALZAC JULY 2008



— Kersey — Balzac - - - - Kersey 1901-2005 Avg. - - - - Balzac 1917-2005 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 2008 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2008 Mean Monthly Flow
Nov	737	3650	1984	70	1934	938	Nov	344	2900	1984	4.2	1903	71
Dec	683	1890	1961	91	1934	574	Dec	405	1820	1984	13	2002	155
Jan	654	2160	1974	158	1935	589	Jan	517	2510	1970	21	2003	323
Feb	672	3060	1914	152	1935	751	Feb	593	3220	1930	29	2005	320
Mar	684	3470	1983	80	1935	663	Mar	535	12900	1910	15	1904	100
Apr	843	18100	1942	28	1955	294	Apr	532	14400	1942	4.0	1904	152
May	1745	26100	1973	29	1955	408	May	1024	18100	1973	12	1911	110
Jun	2321	31000	1921	52	1954	682	Jun	1442	30800	1921	2.0	1910	77
Jul	666	12600	1983	44	1955	295	Jul	295	12600	1983	0.0	1903	35
Aug	505	9690	1951	65	1934		Aug	182	8920	1968	0.0	1903	
Sep	514	14200	1938	62	1940		Sep	241	7130	1938	2.0	1902	
Oct	664	6180	1984	66	1954		Oct	307	3130	1984	4.2	1903	

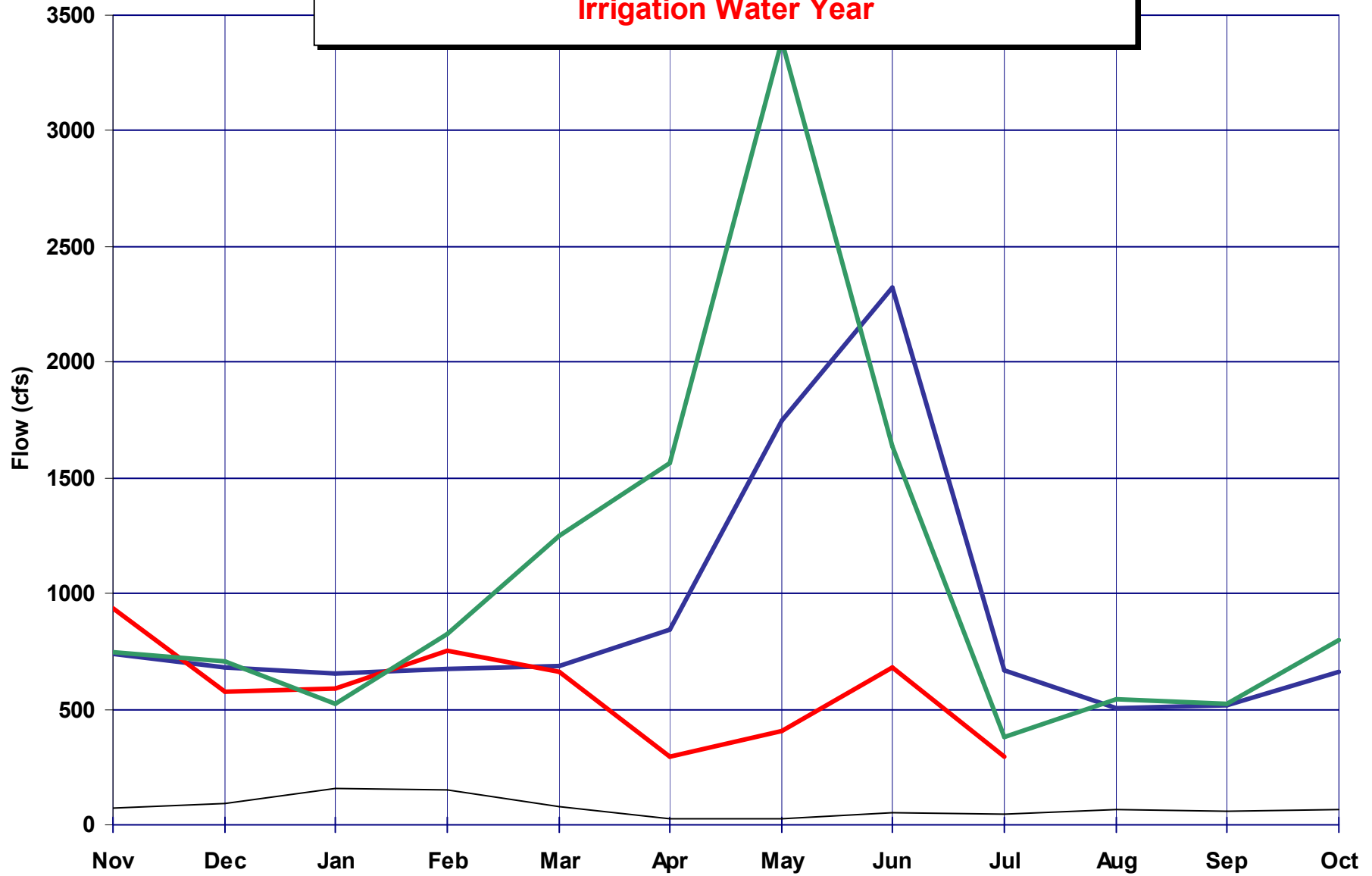
\*Period of record 1901-2006

\*Period of record 1902-2006

**Strontia Springs Gage on  
the South Platte River**

# South Platte River at Kersey

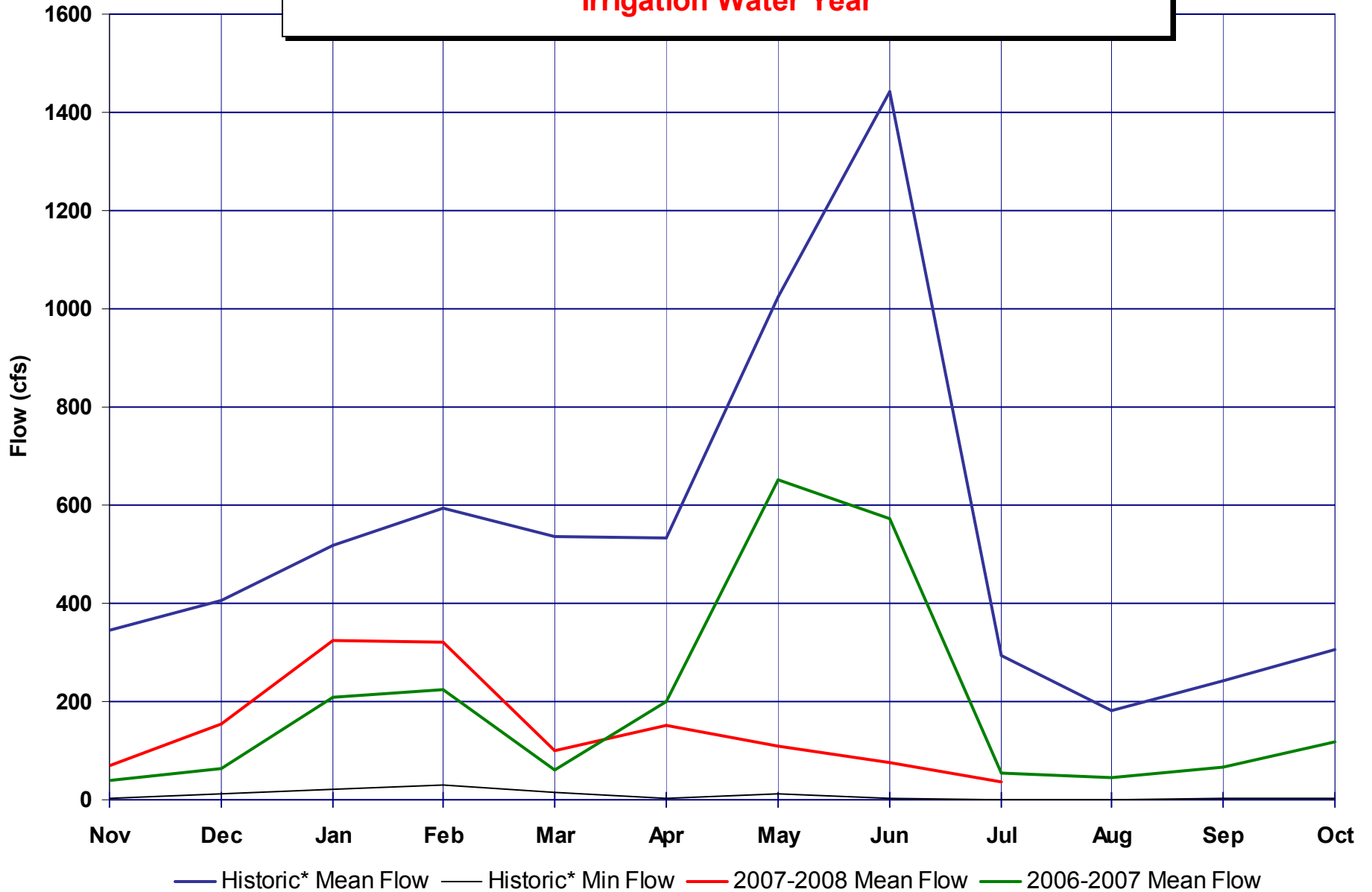
Irrigation Water Year



— Historic\* Mean Flow — Historic\* Min Flow — 2007-2008 Mean Flow — 2006-2007 Mean Flow  
\*1901-2006

# South Platte River at Julesburg

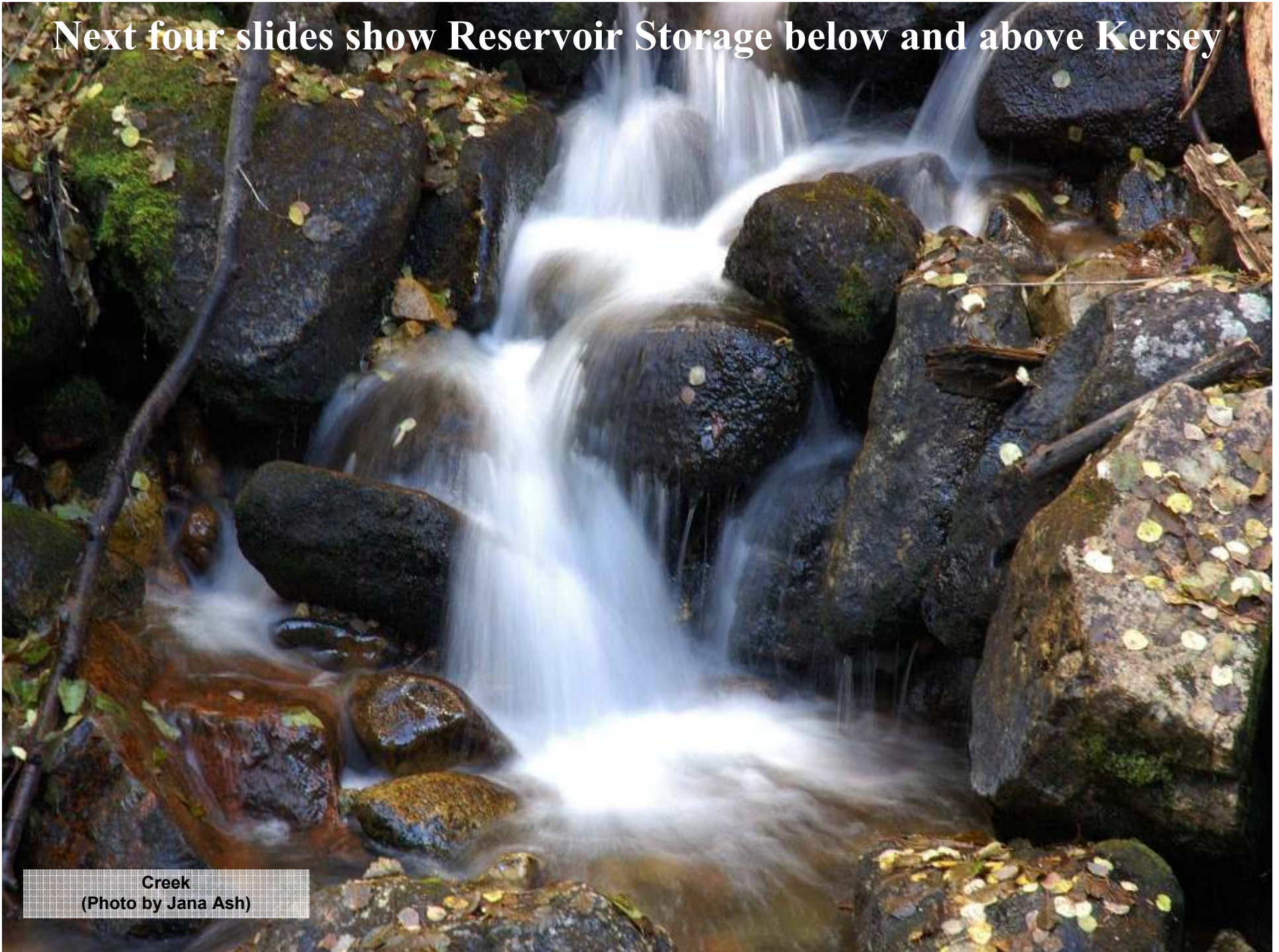
Irrigation Water Year



\*1902-2006



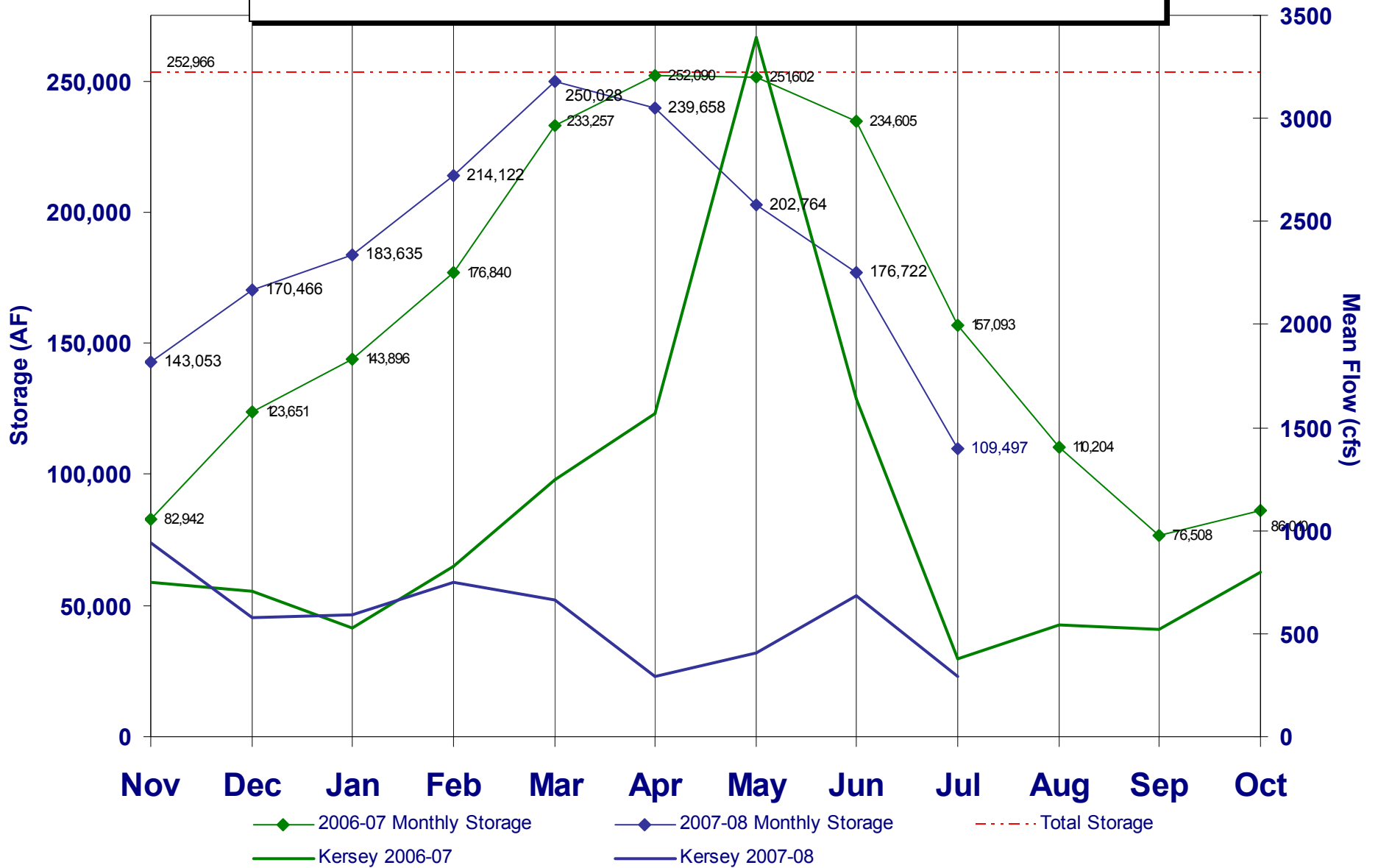
**Next four slides show Reservoir Storage below and above Kersey**



**Creek  
(Photo by Jana Ash)**

# Reservoir Storage below Kersey

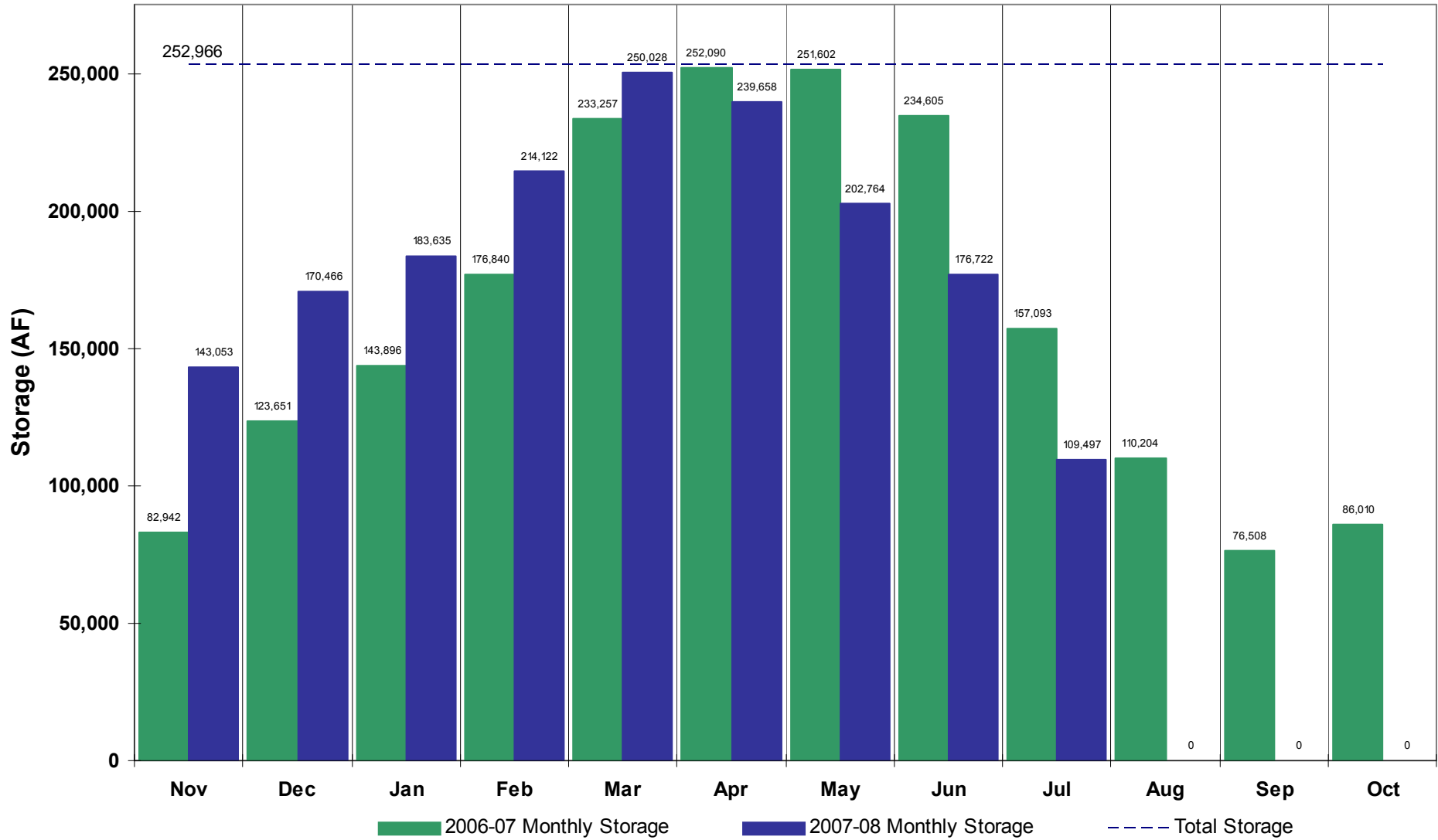
## Selected Reservoirs\*



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

# South Platte Reservoirs

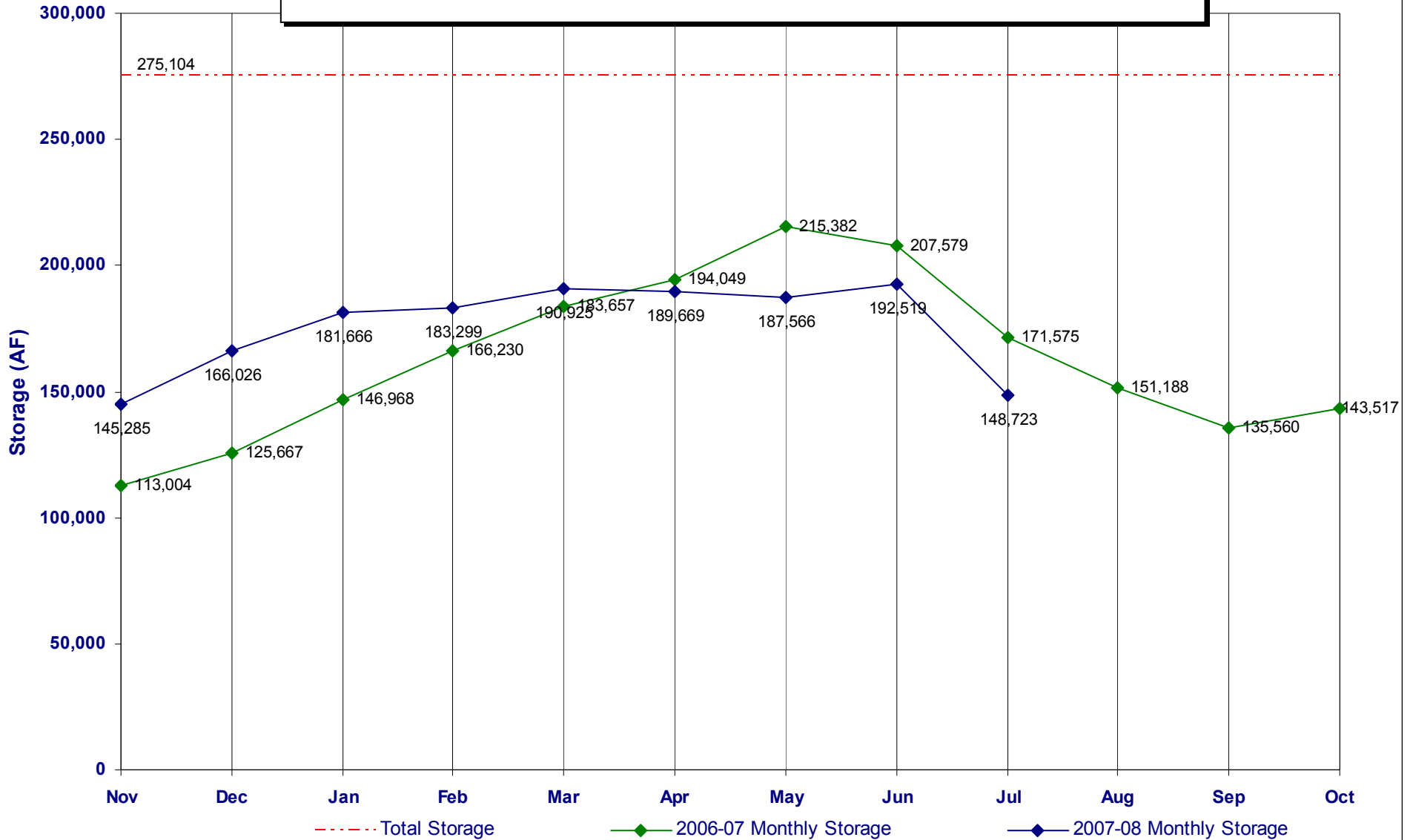
## Storage below Kersey\*



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

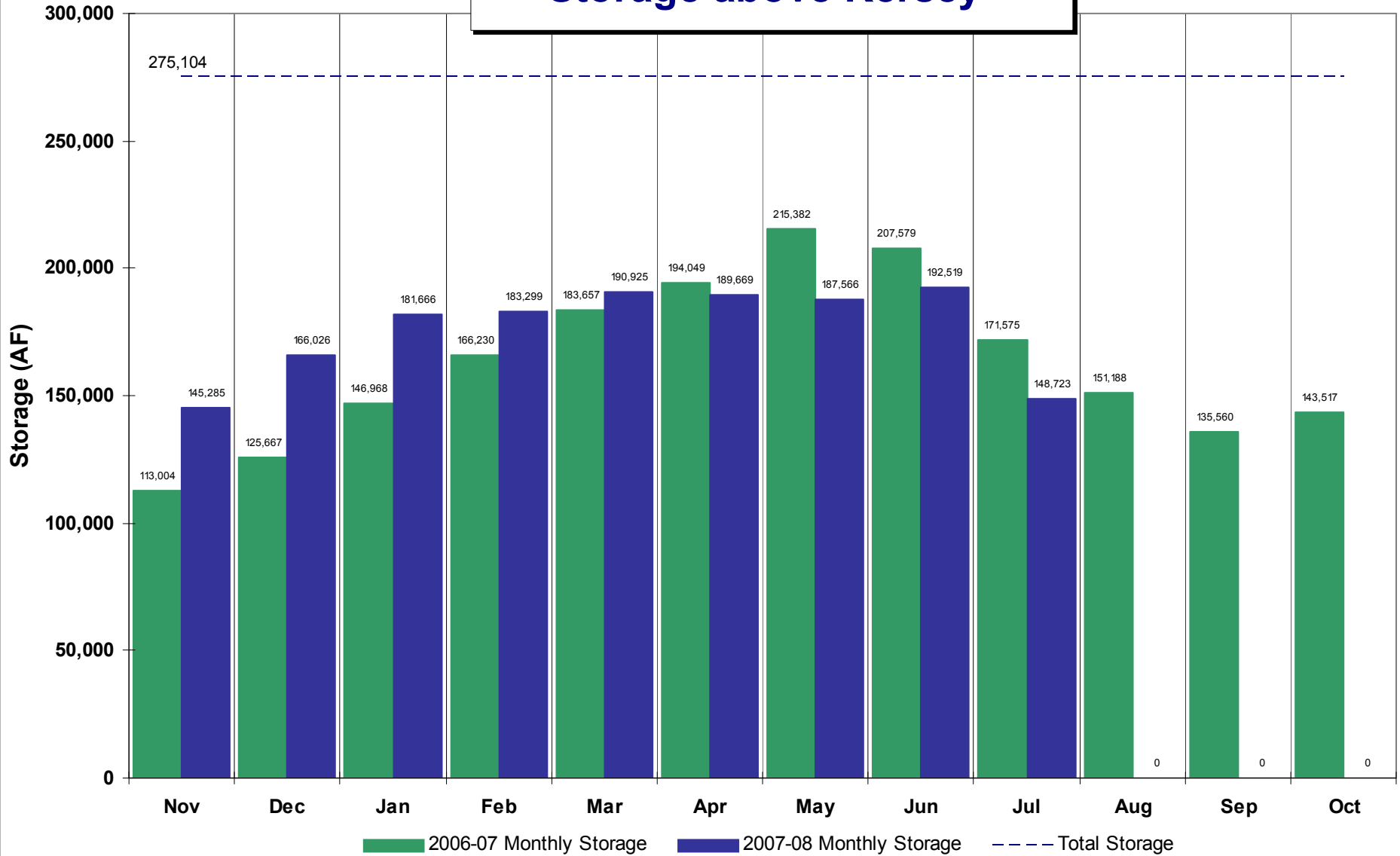
# Reservoir Storage above Kersey

## 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

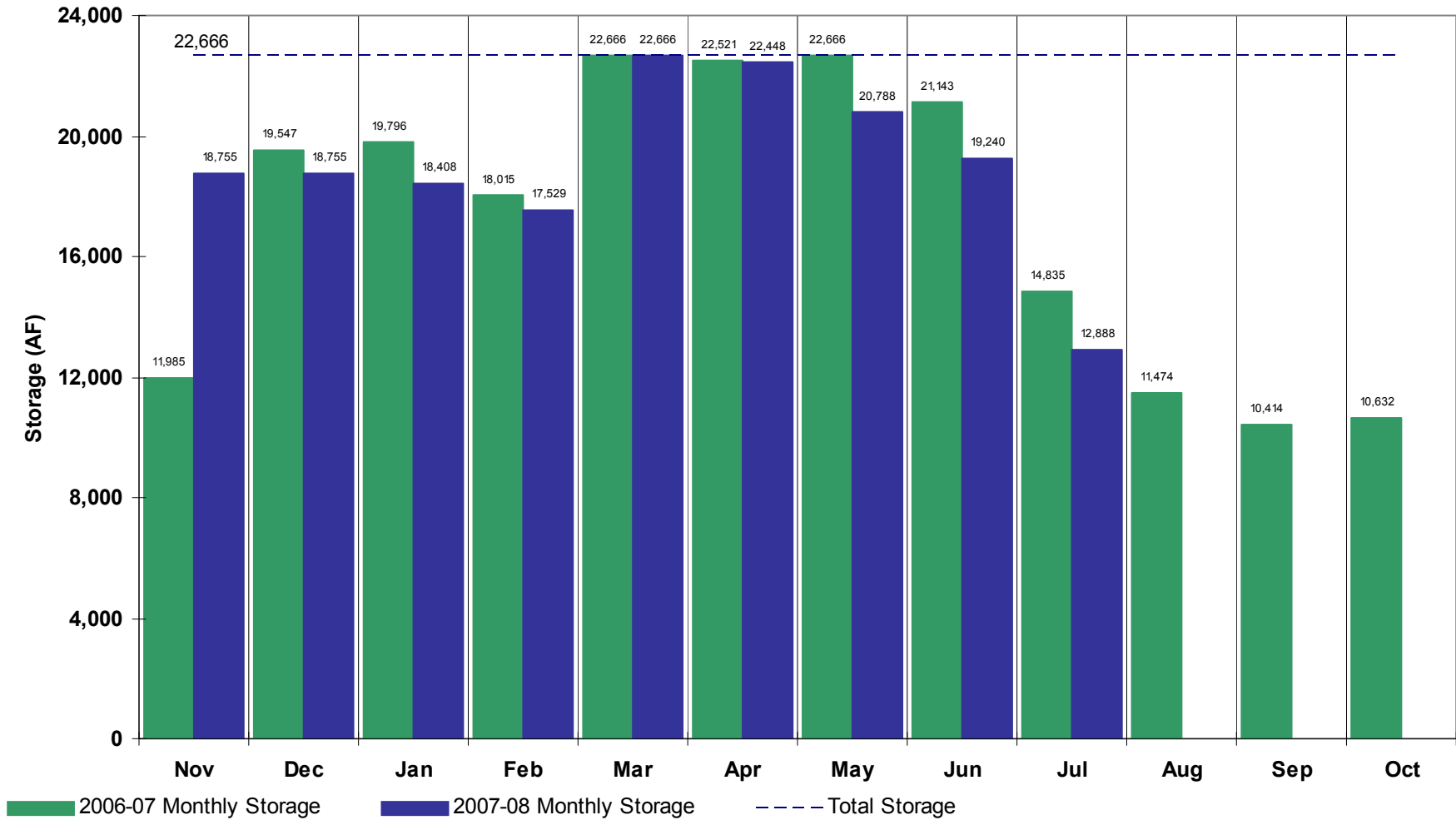


# **Individual Reservoir Storage Follows**

**Flagler Reservoir  
(Photo by John Redding)**

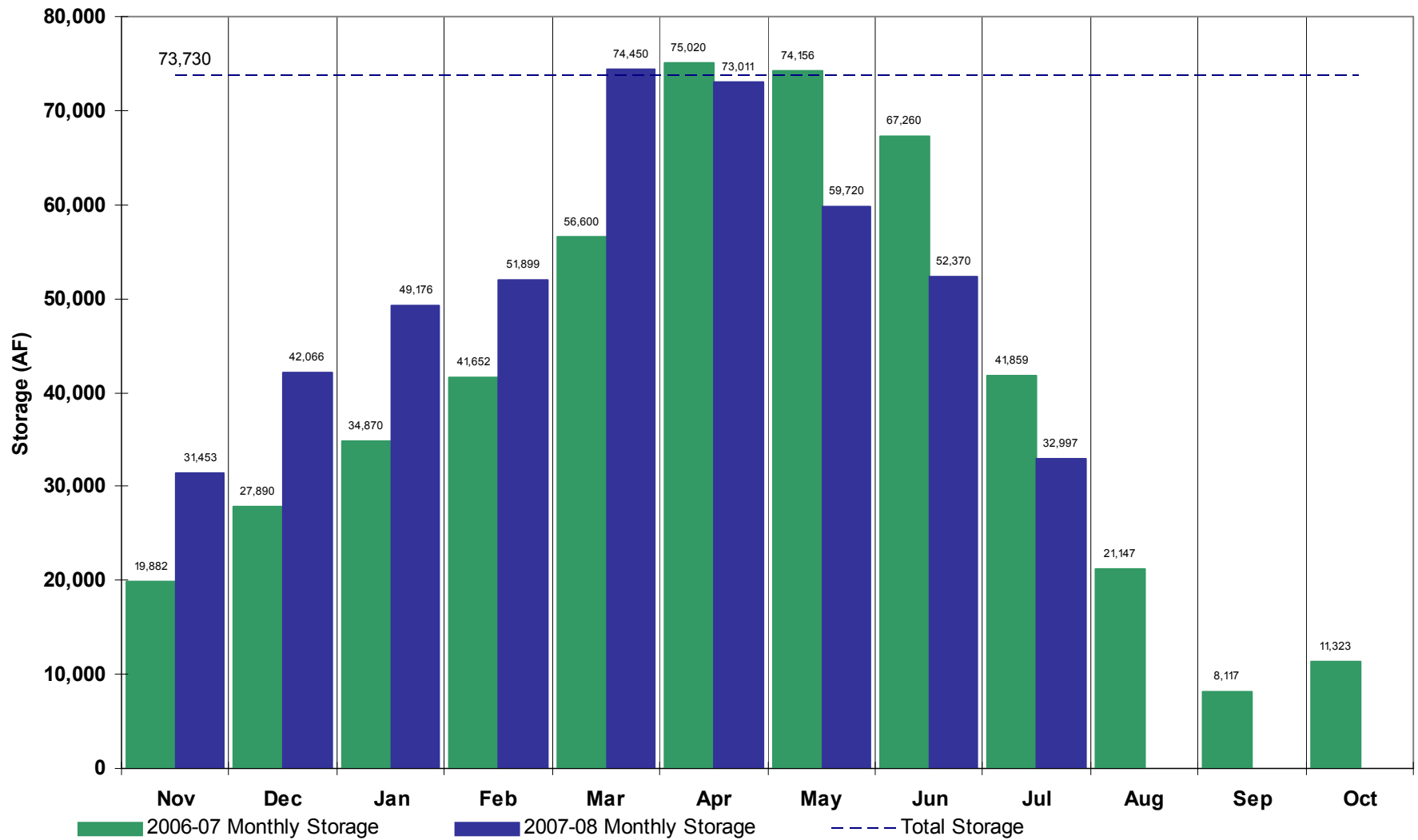
# Julesburg Reservoir

(District 64 - Agricultural)



# North Sterling Reservoir

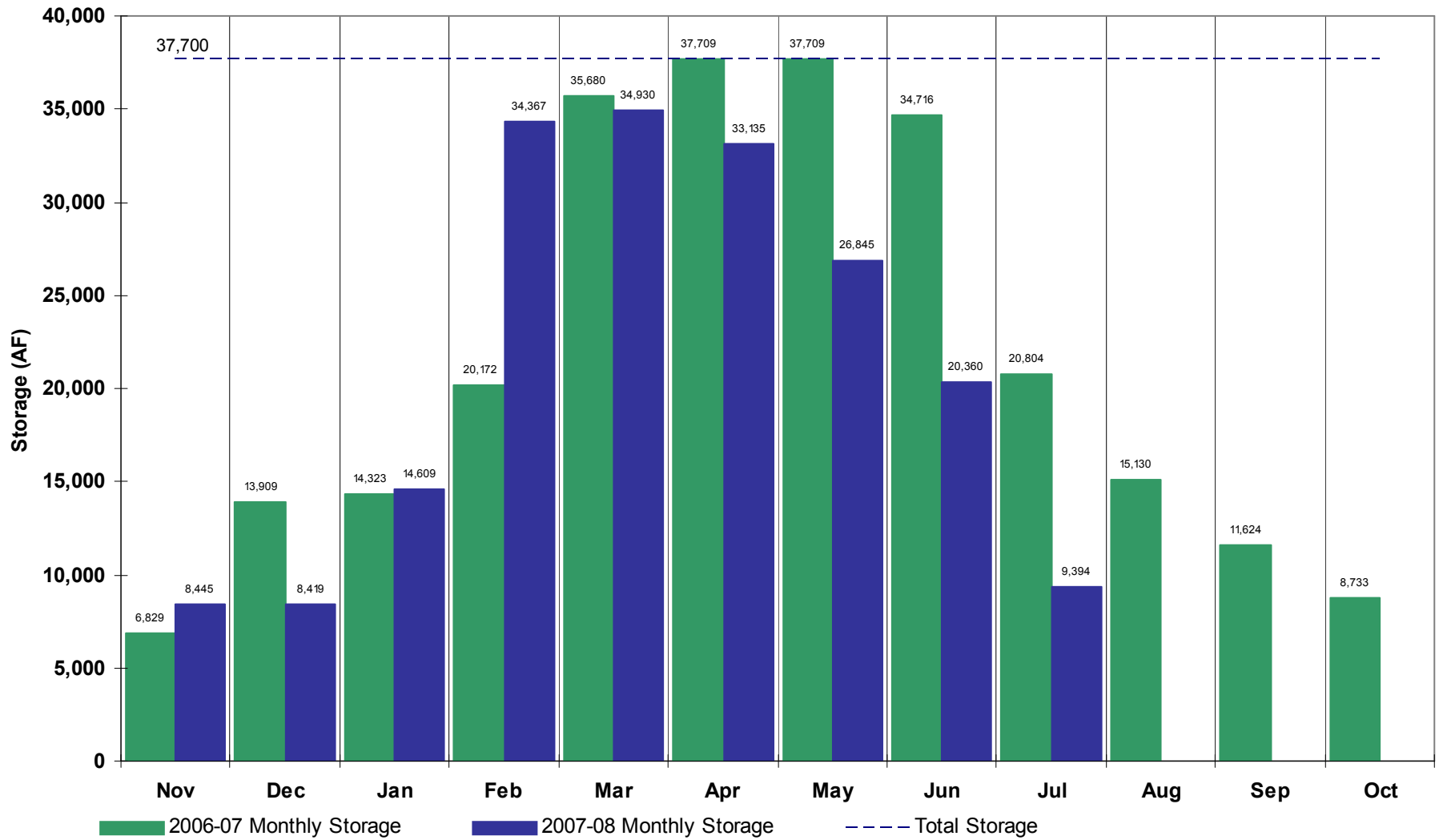
(District 64- Agricultural)





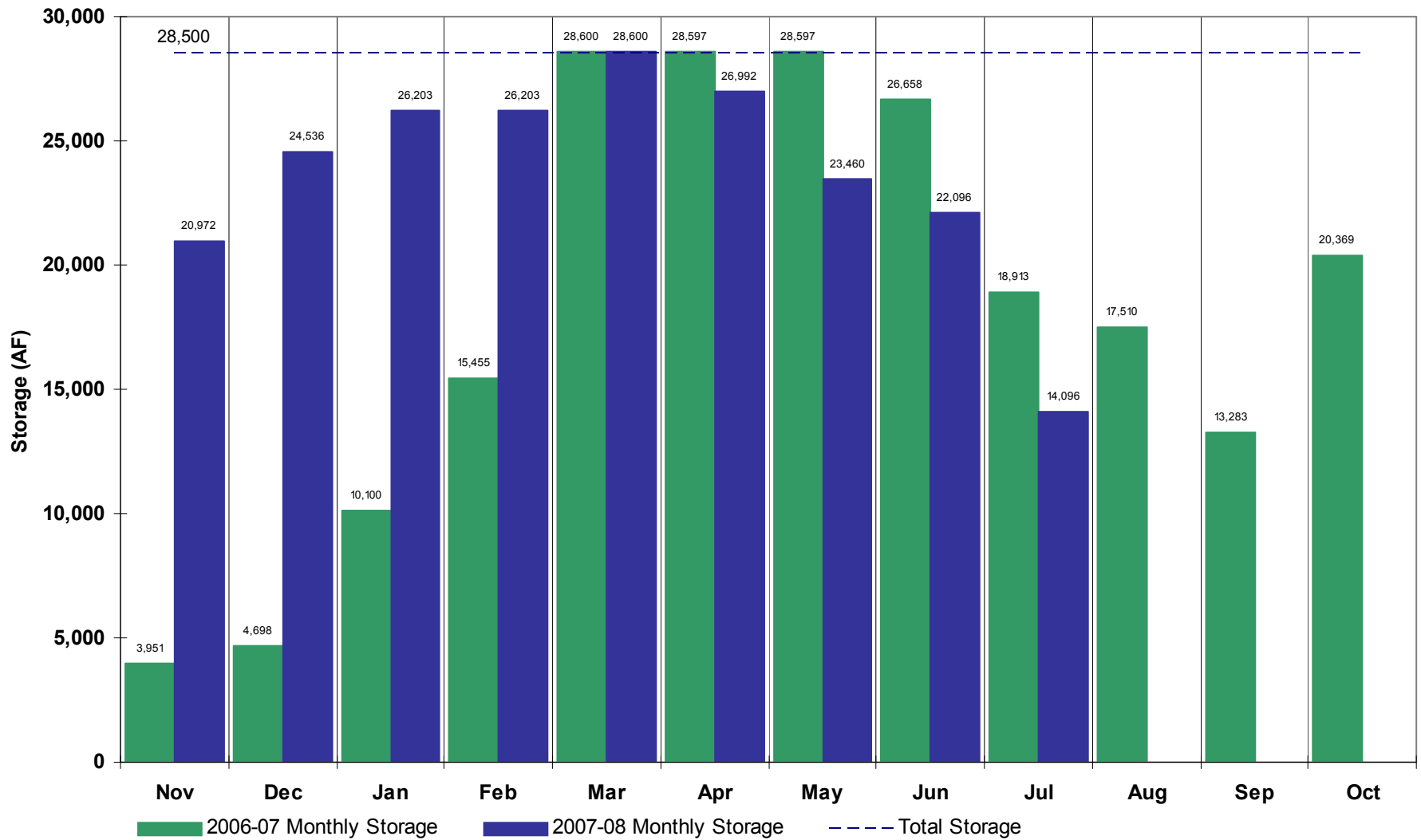
# Empire Reservoir

(District 1 - Agricultural)



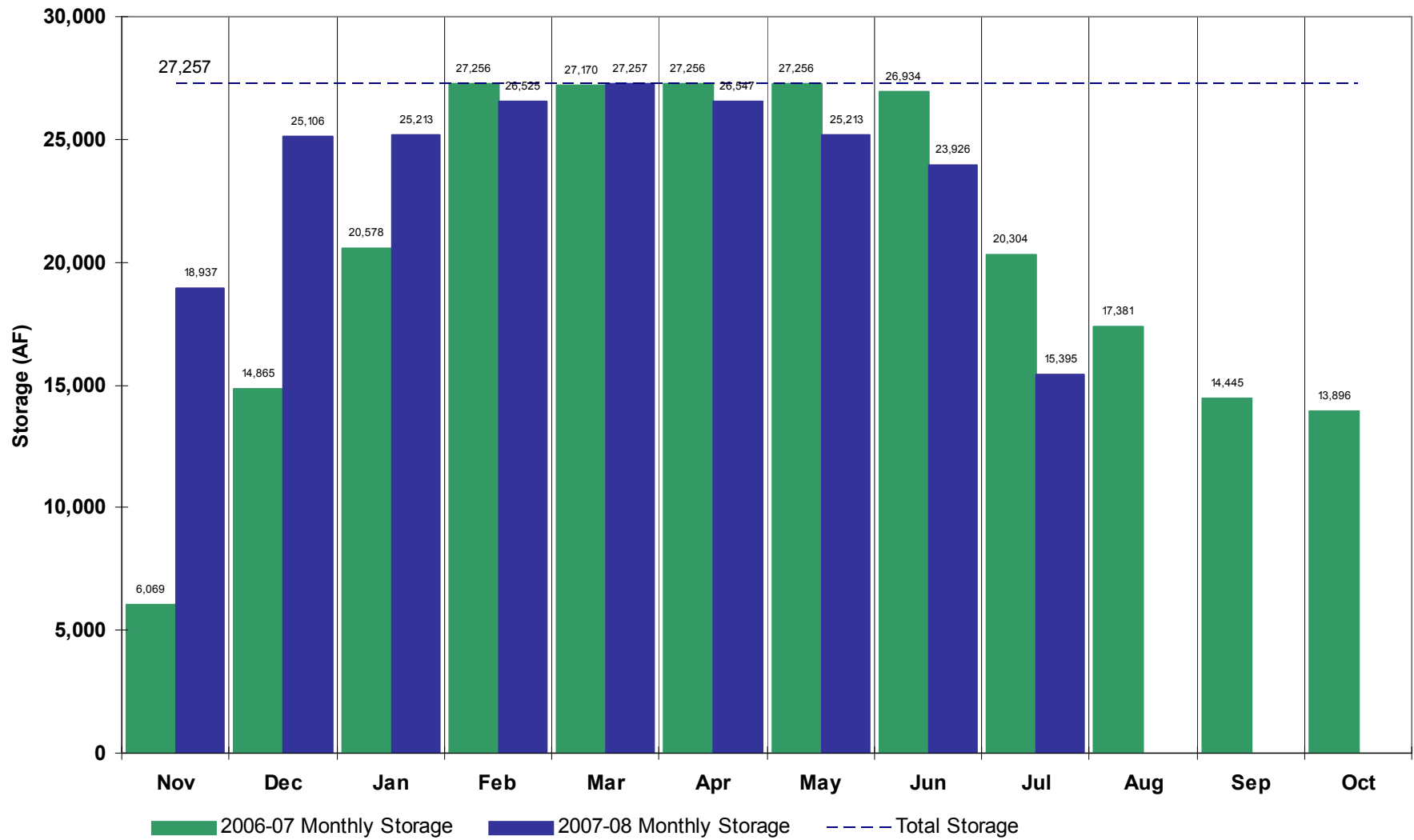
# Prewitt Reservoir

## (District 64- Agricultural)



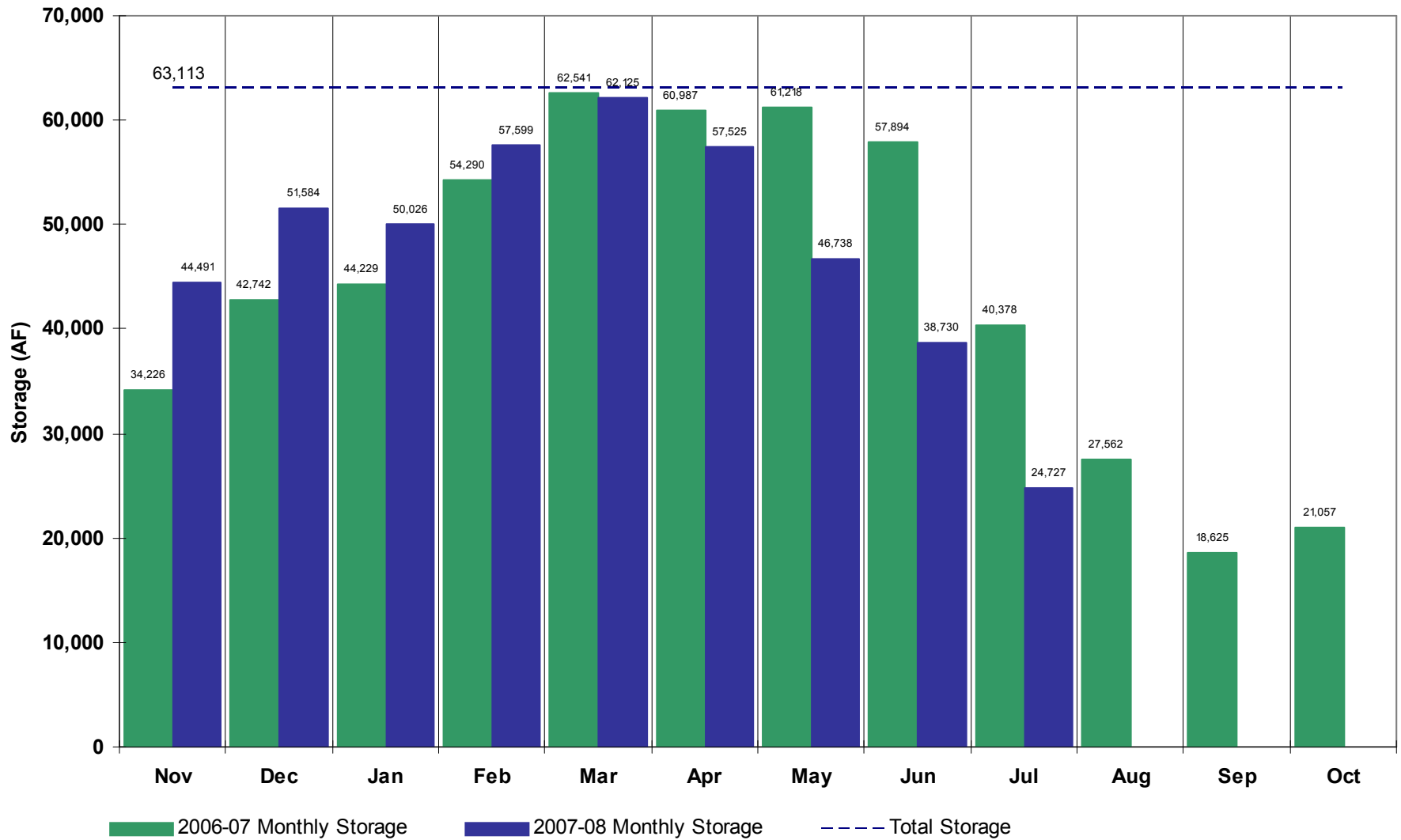
# Jackson Reservoir

## (District 1- Agricultural)



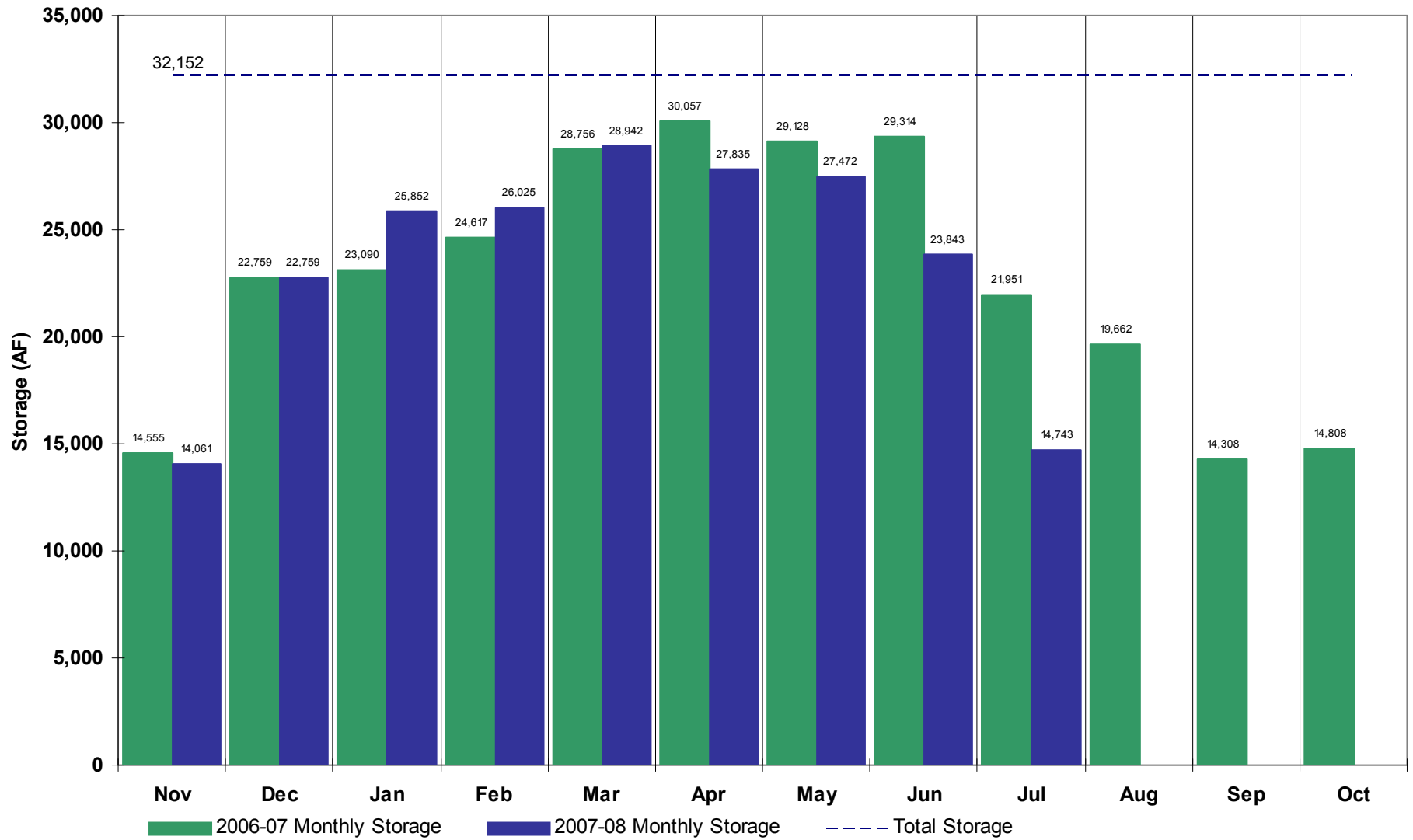
# Riverside Reservoir

(District 1 - Agricultural)



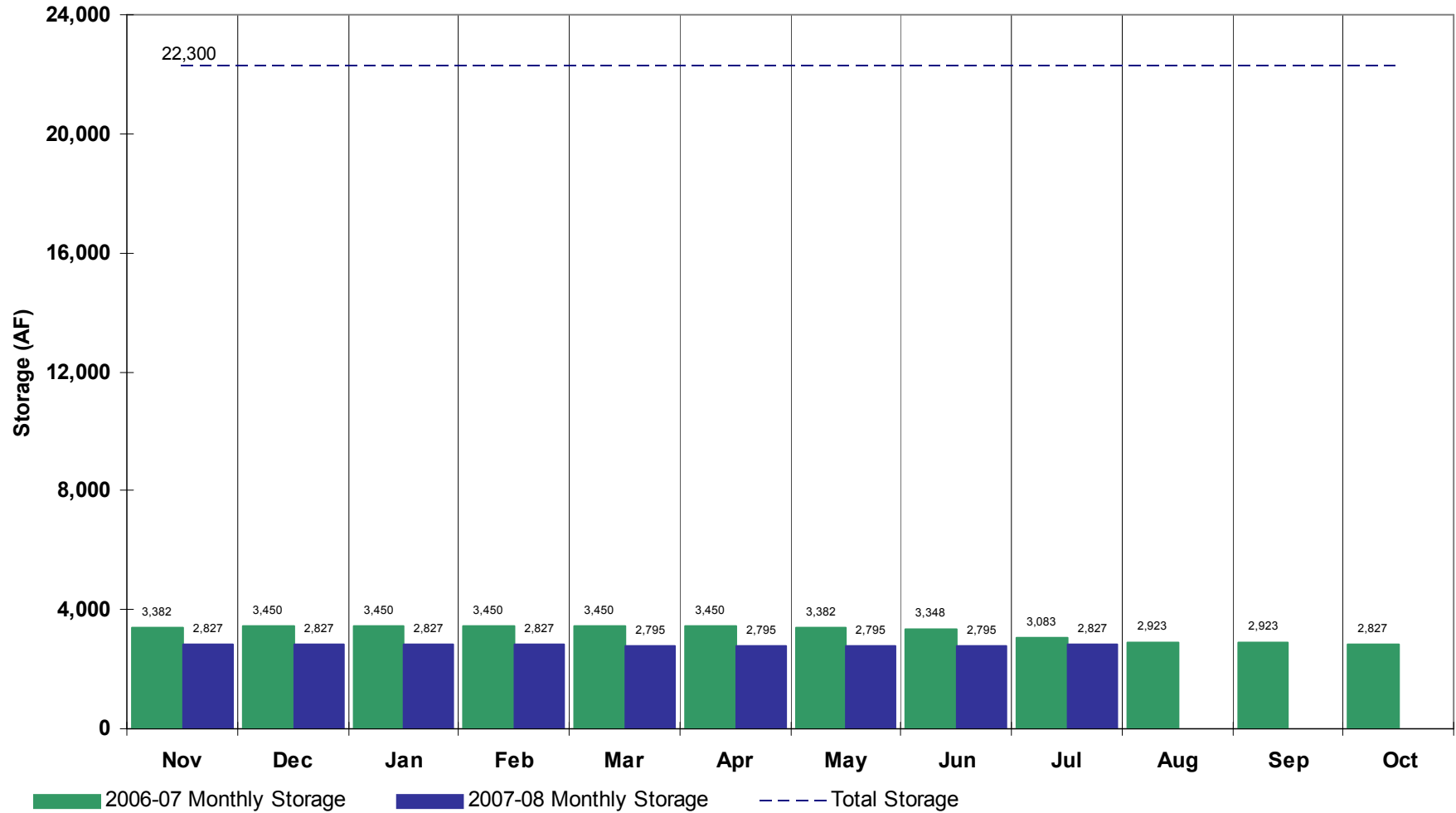
# Barr Lake

(District 2 - Agricultural)



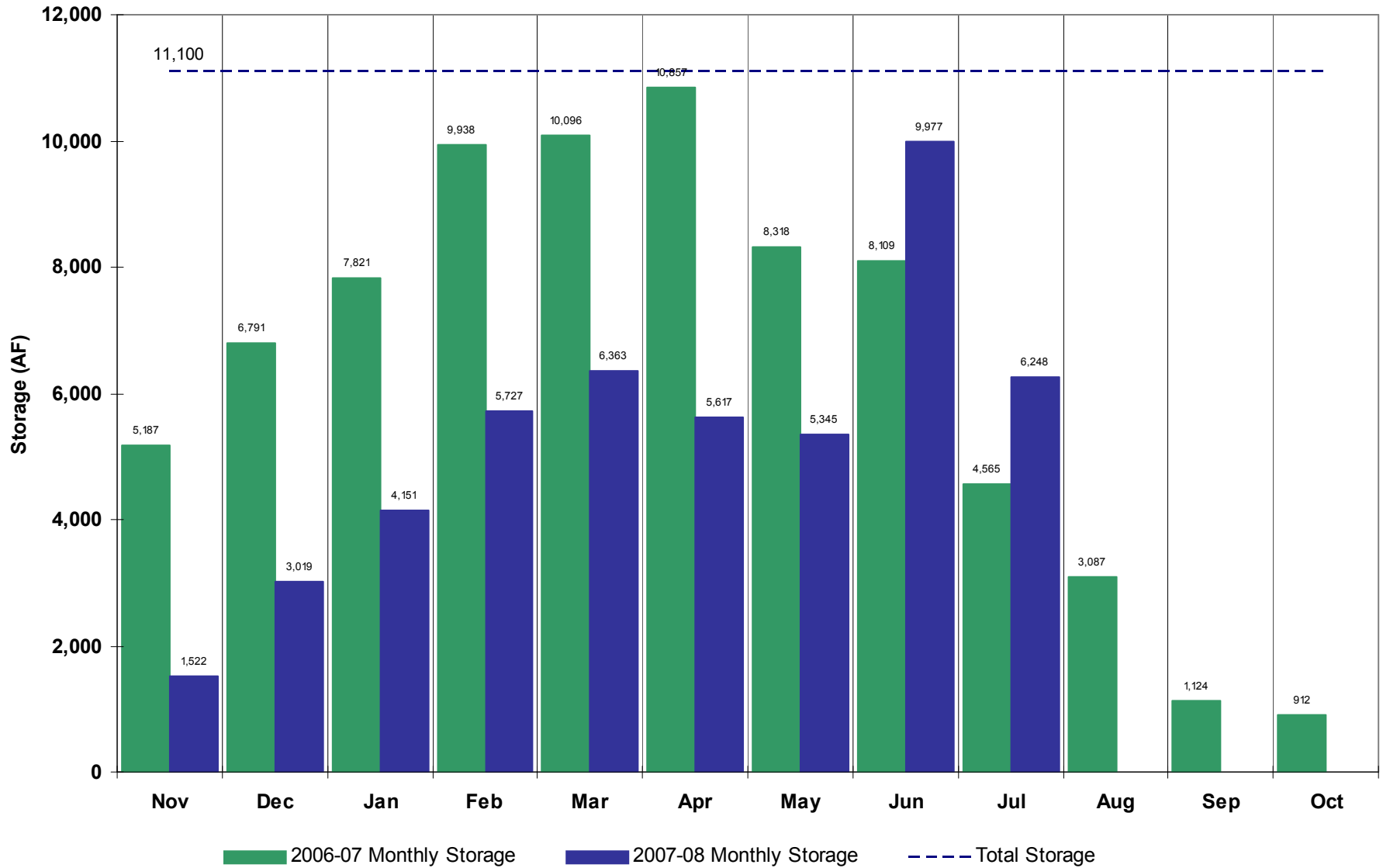
# Cobb Lake

(District 3, Poudre River - Agricultural)



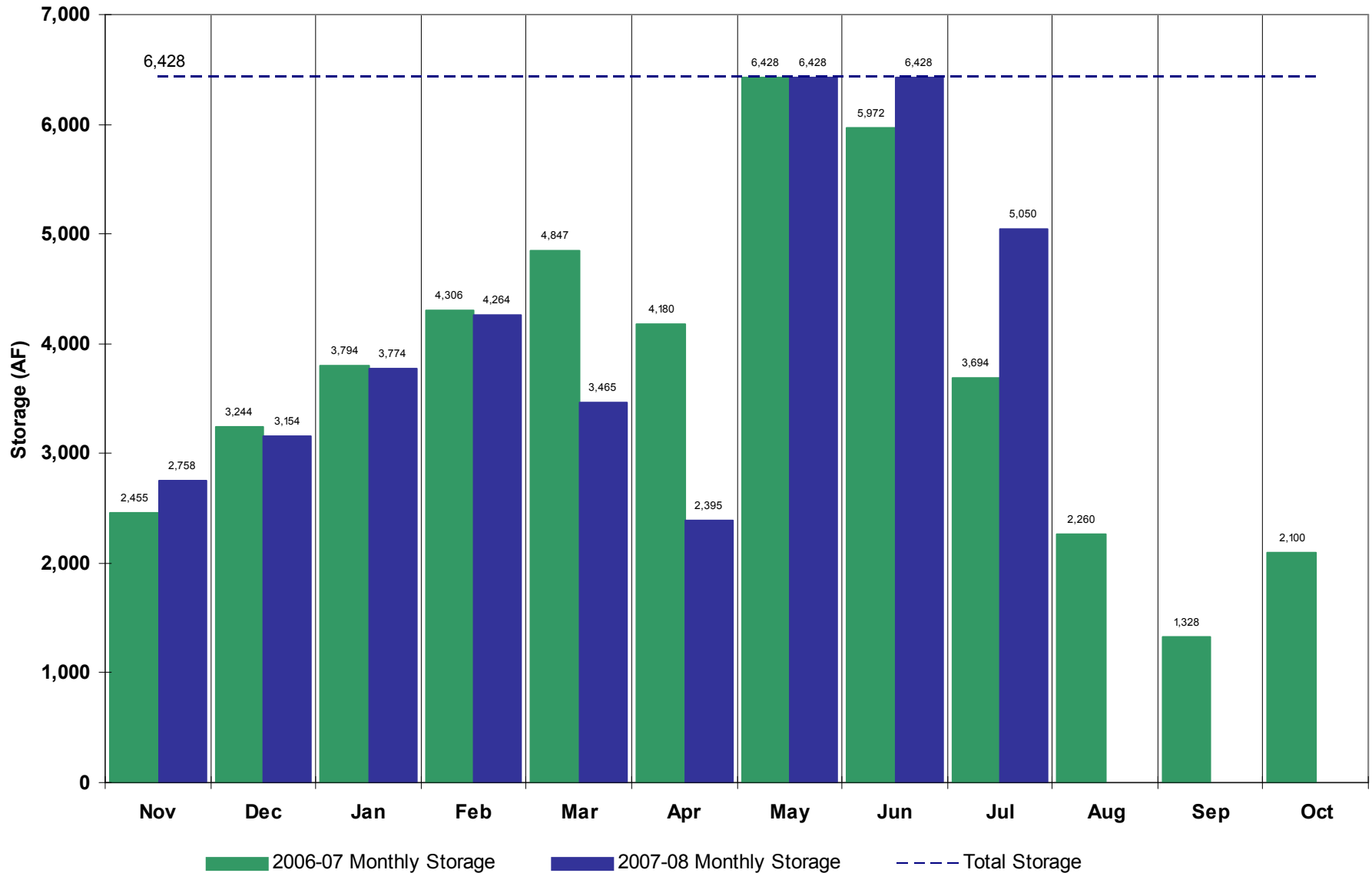
# Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



# Halligan Reservoir

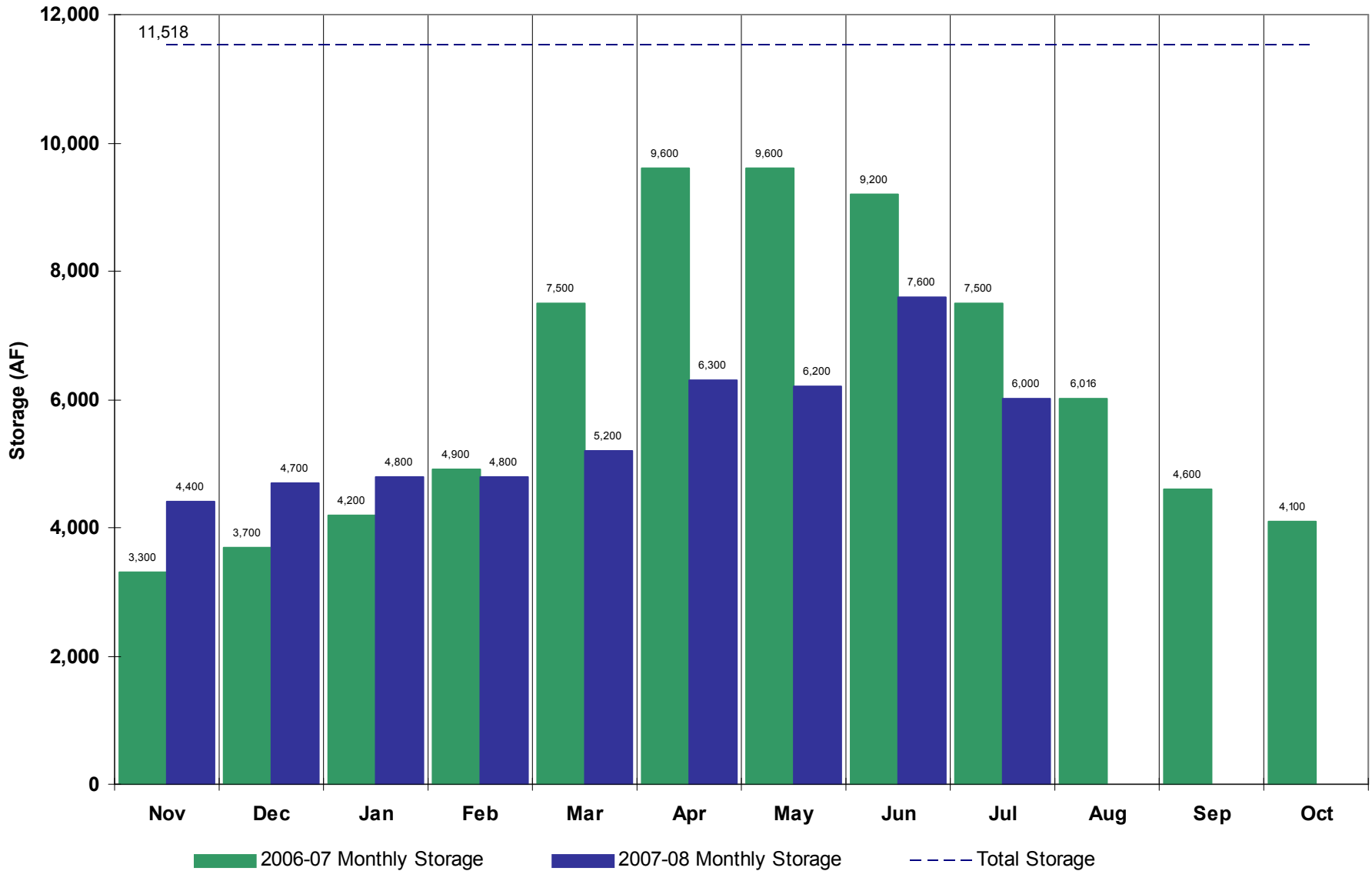
(District 3, Poudre River - Agricultural)





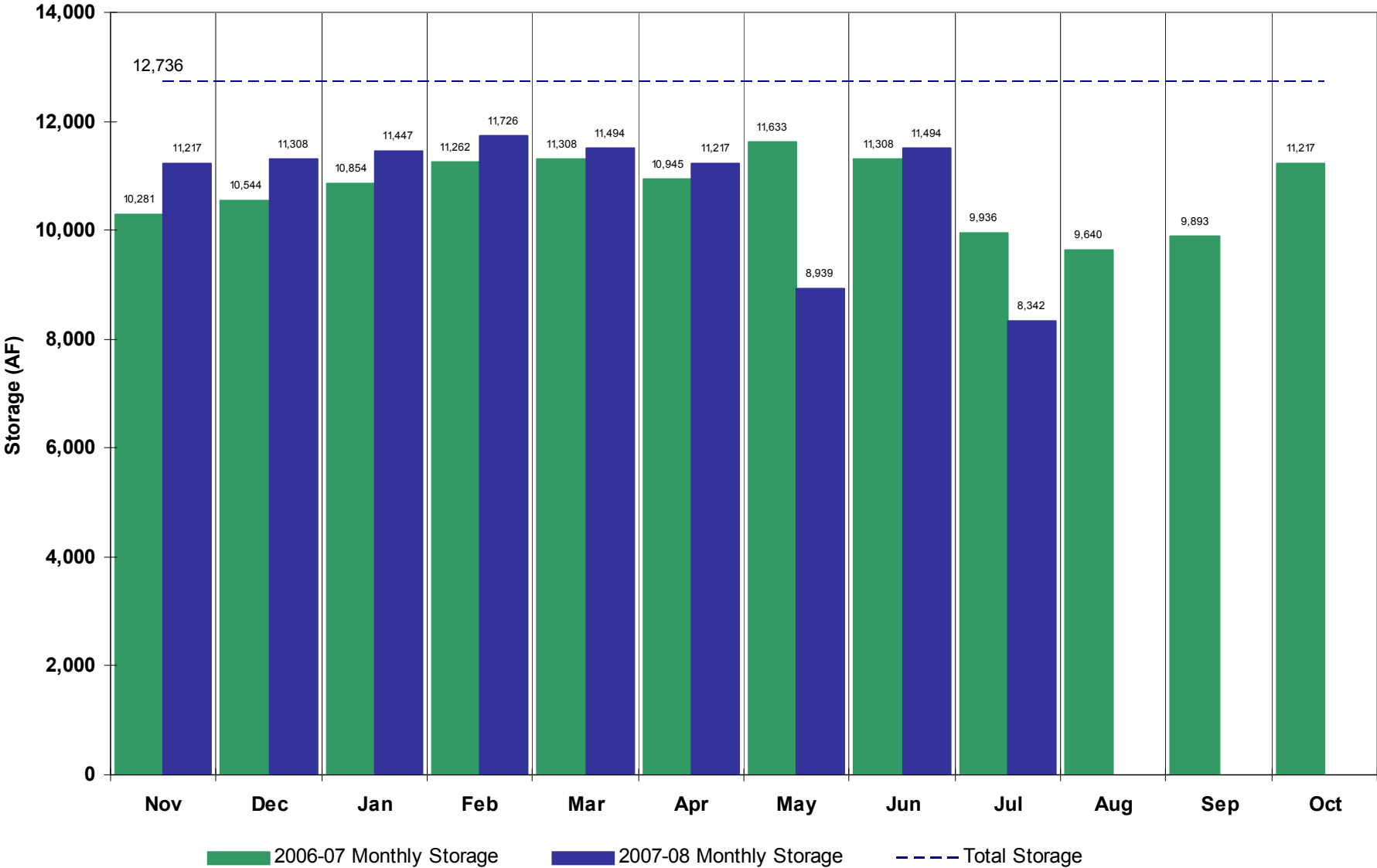
# Marshall Lake

(District 6, Boulder Creek - Agricultural)



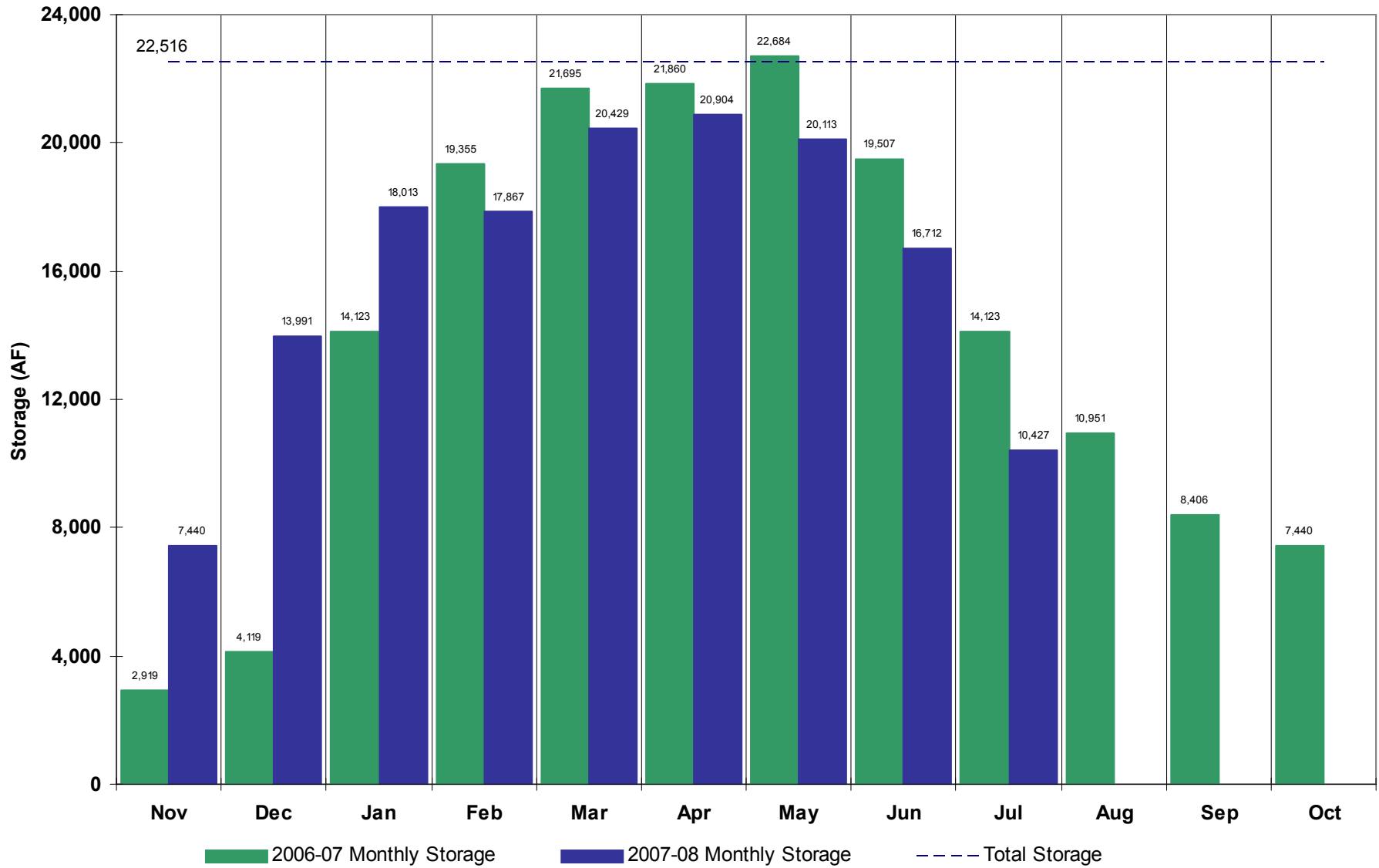
# Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



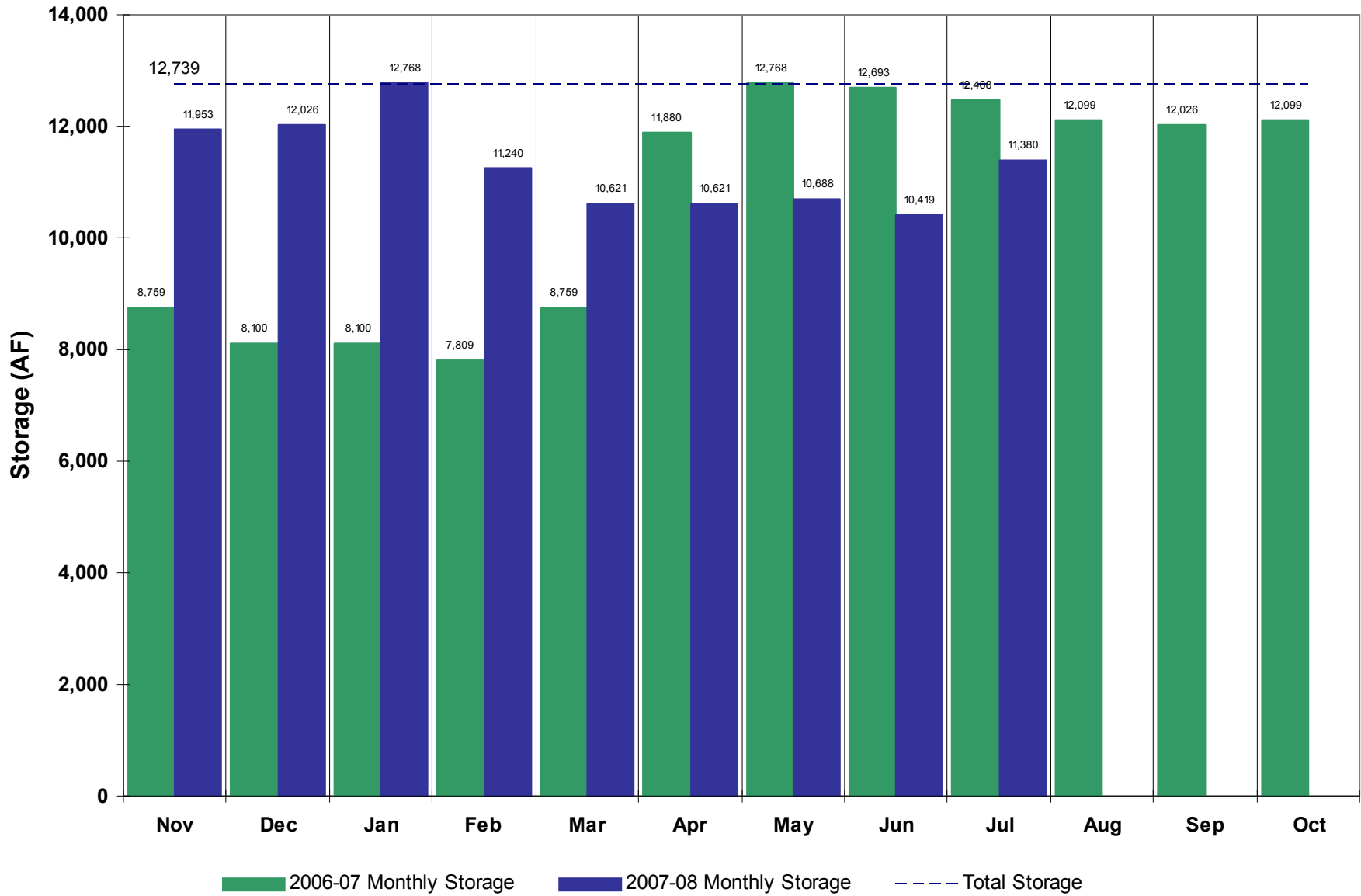
# Milton Reservoir

## (District 2 - Agricultural)

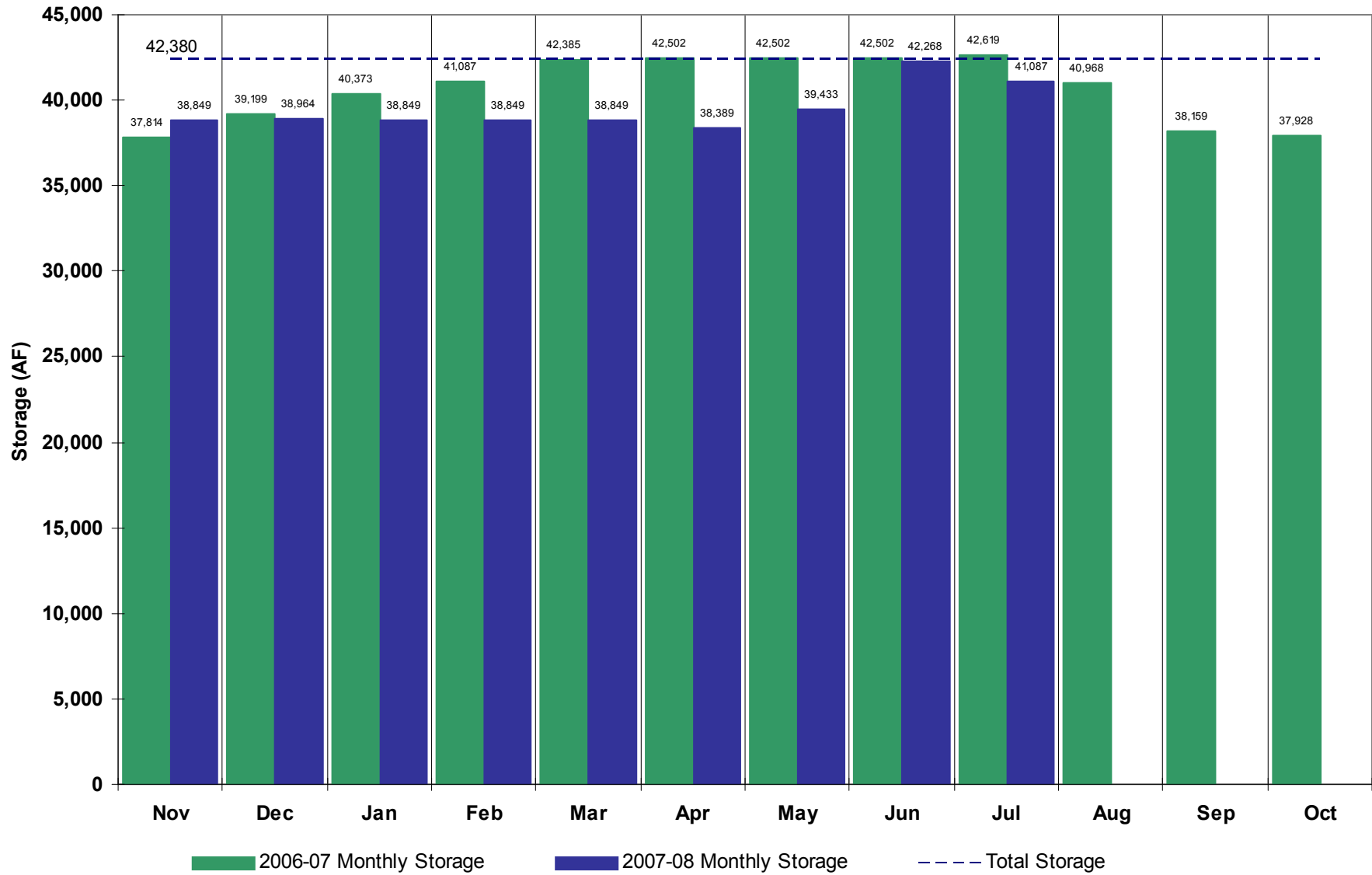


# Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

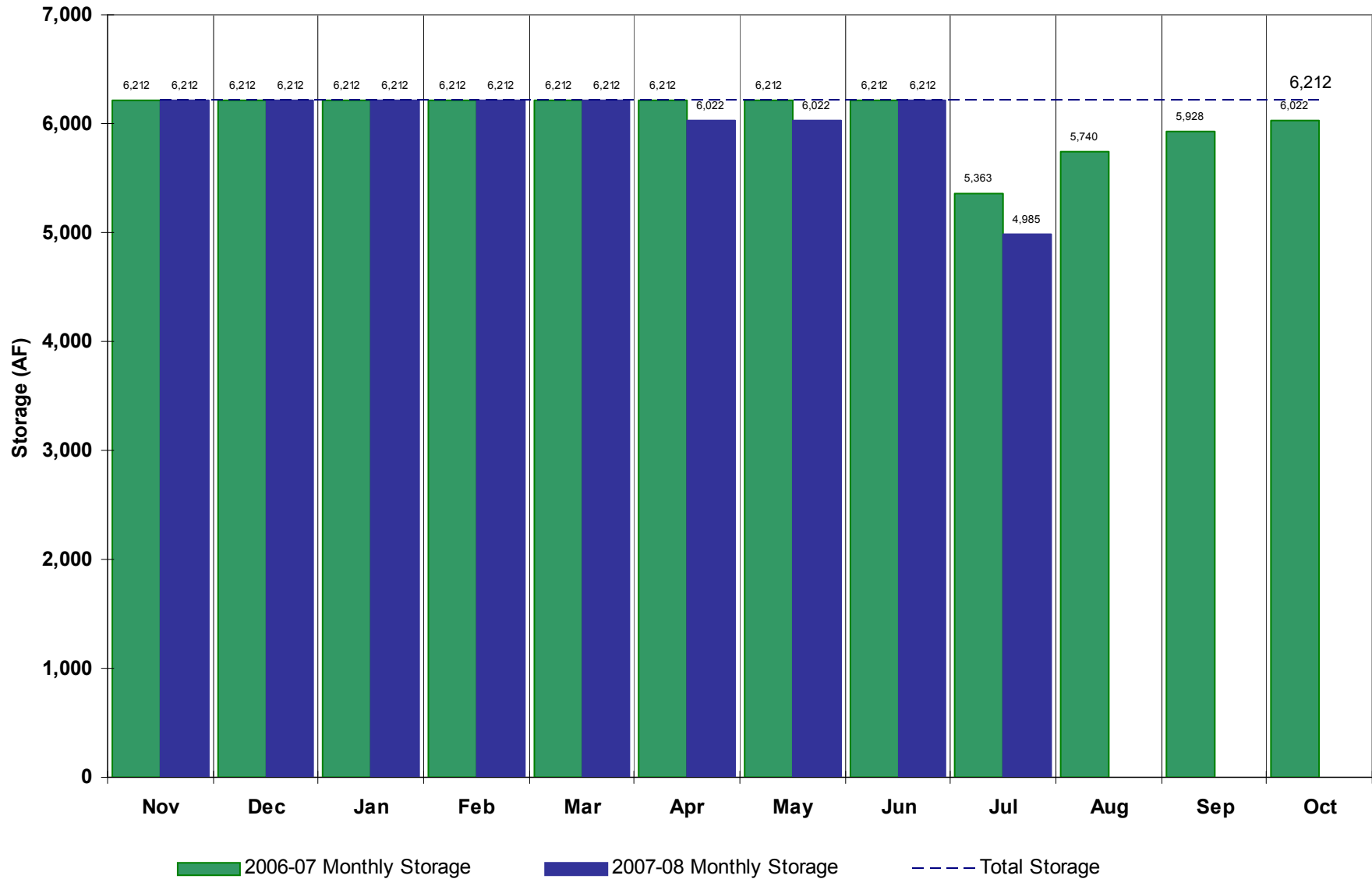


# Standley Lake (Agricultural)



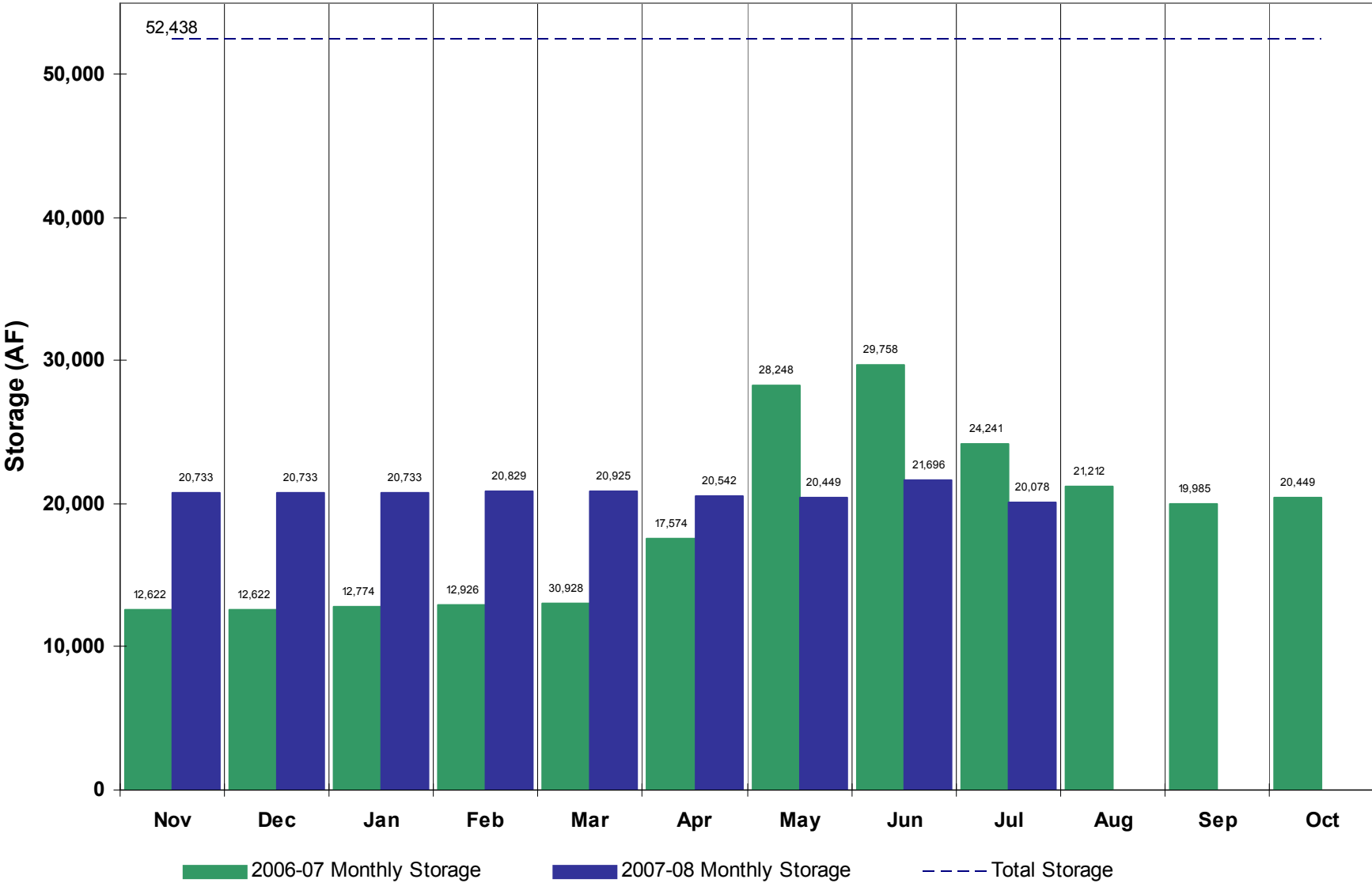
# Lower Latham Reservoir

(District 2 - Agricultural)



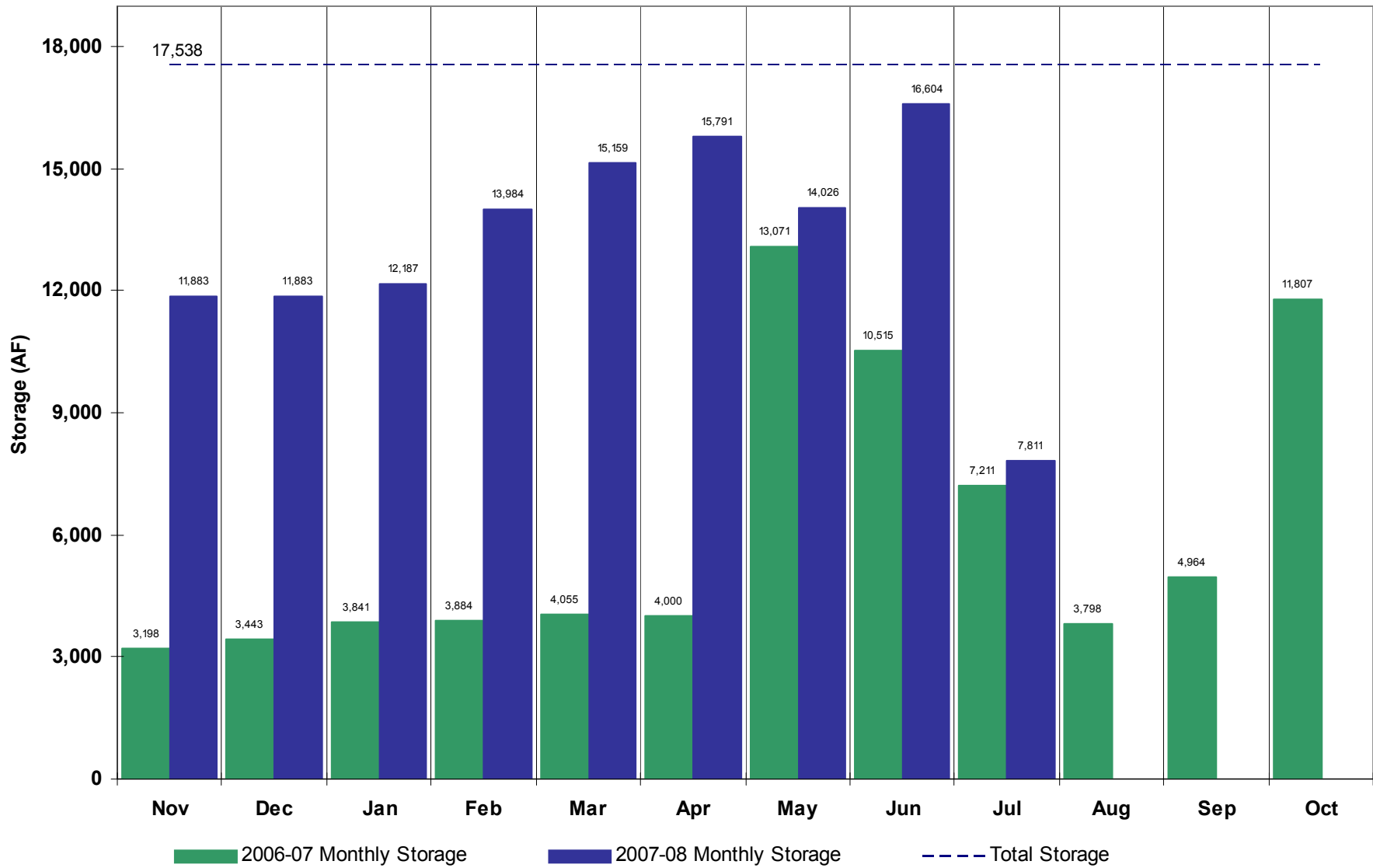
# Boyd Lake

(District 4, Big Thompson River - Agricultural)



# Windsor Reservoir

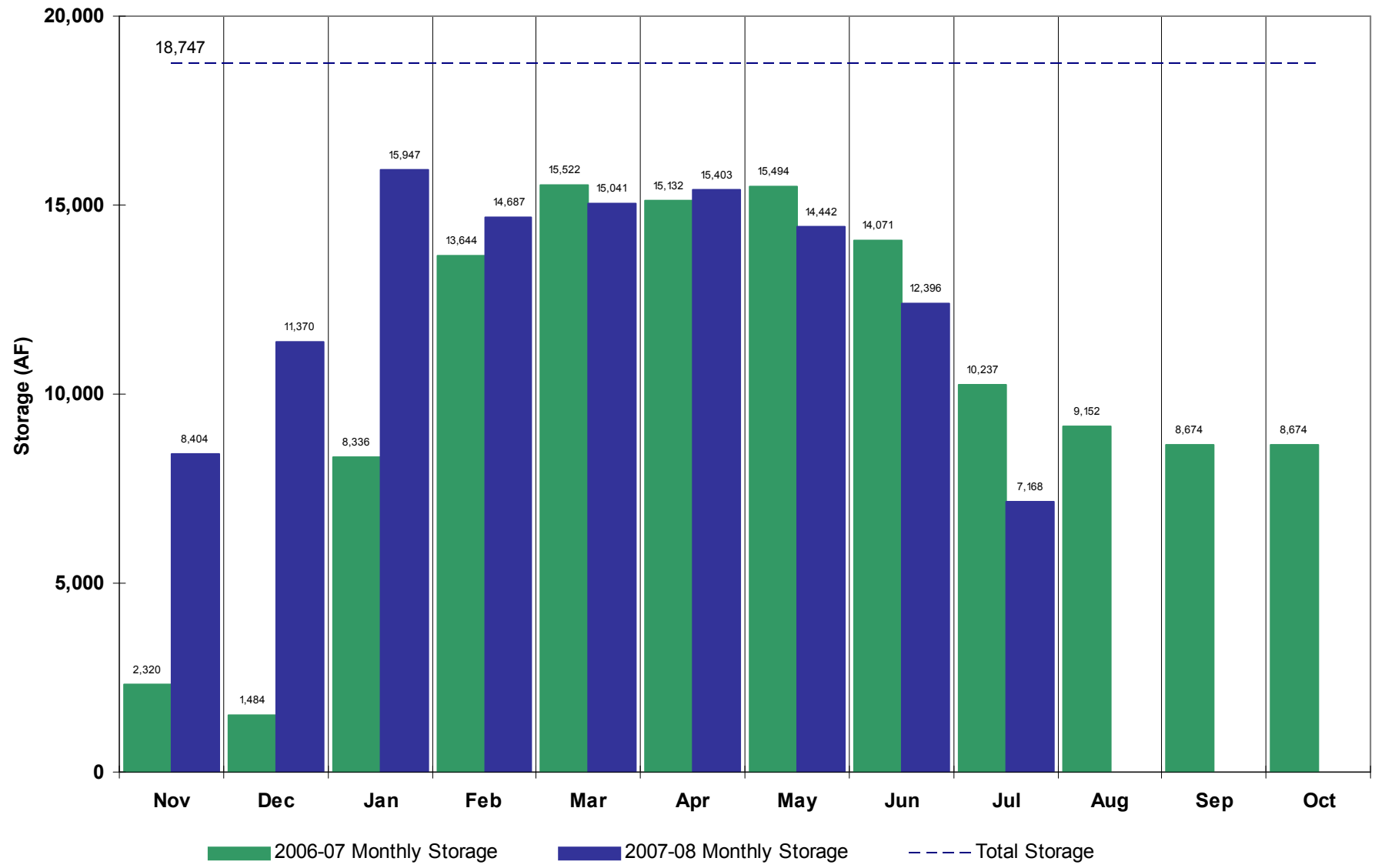
(District 3, Poudre River - Agricultural)





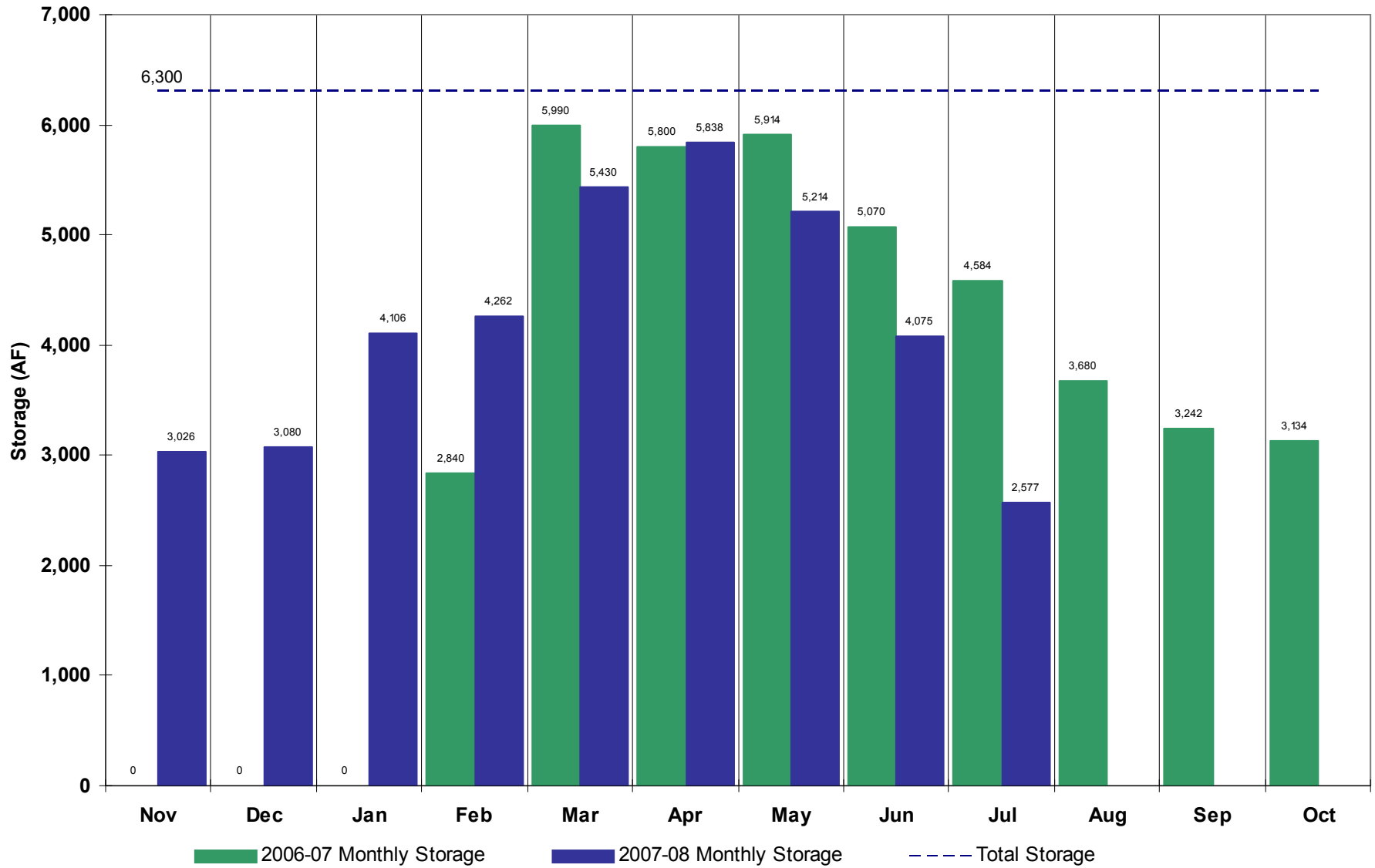
# Horse Creek Reservoir

(District 1 - Agricultural)



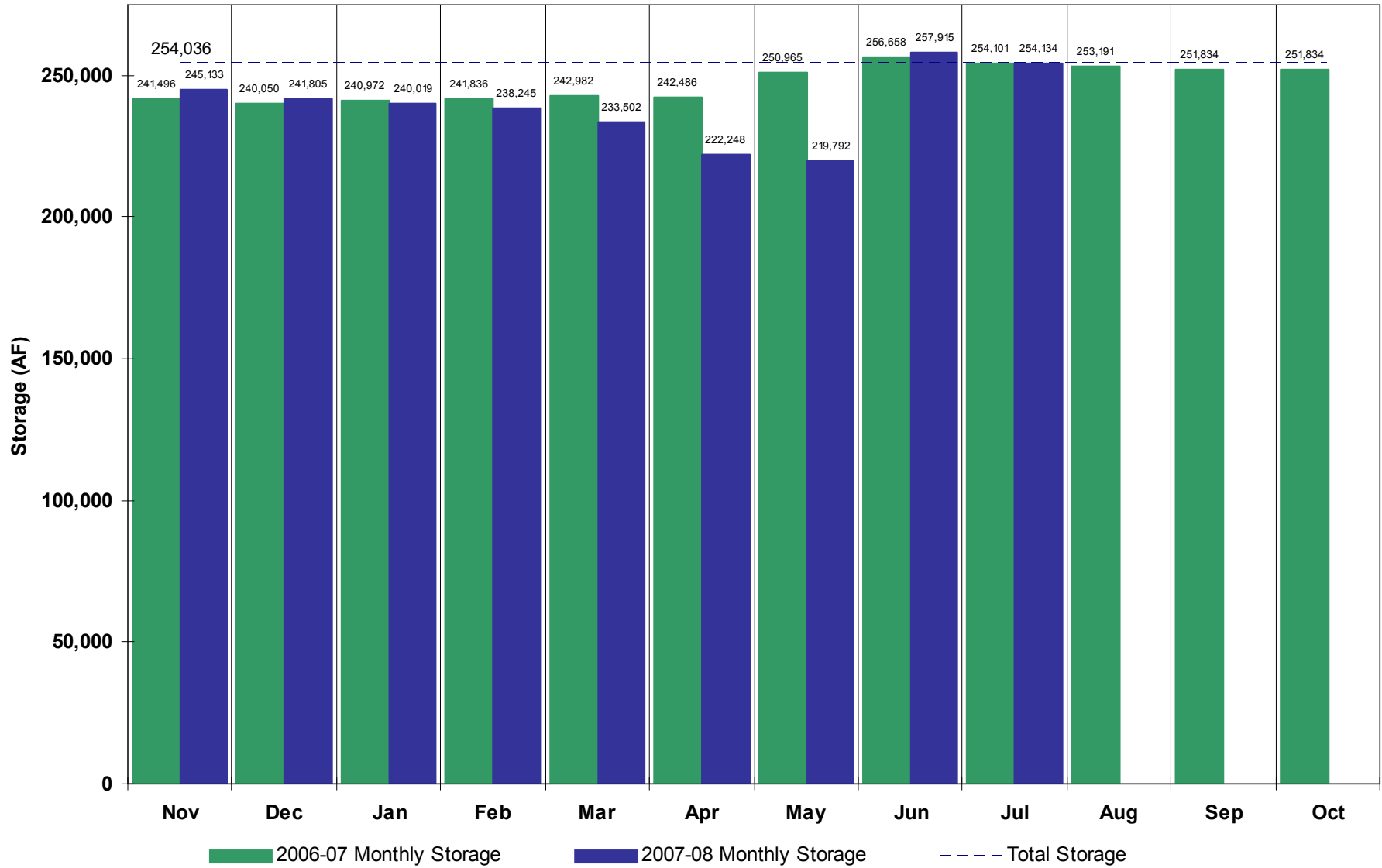
# Prospect Reservoir

(District 1 - Agricultural)



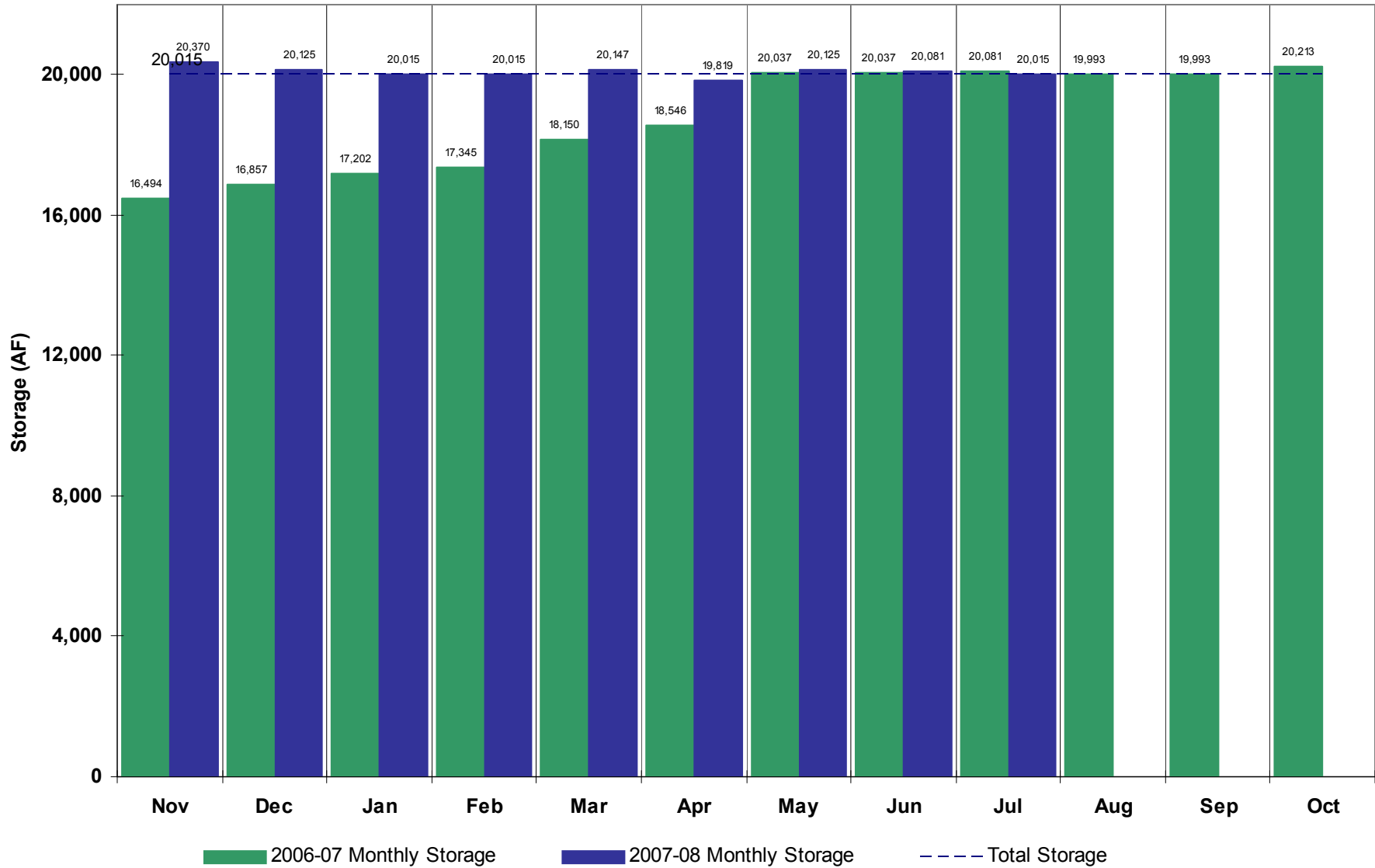
# Dillon Reservoir

## (Municipal)



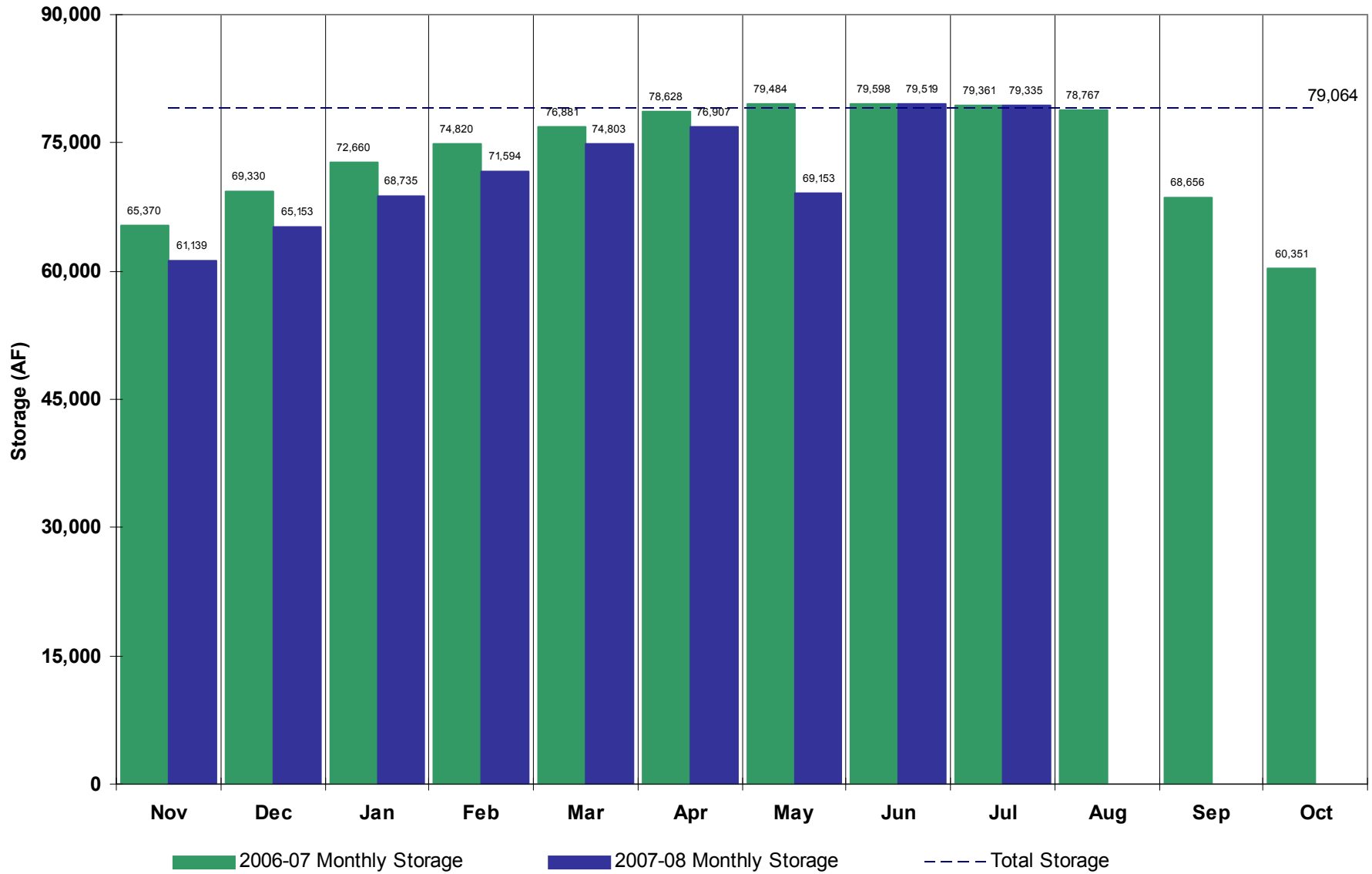
# Antero Reservoir

## (District 23 - Municipal)



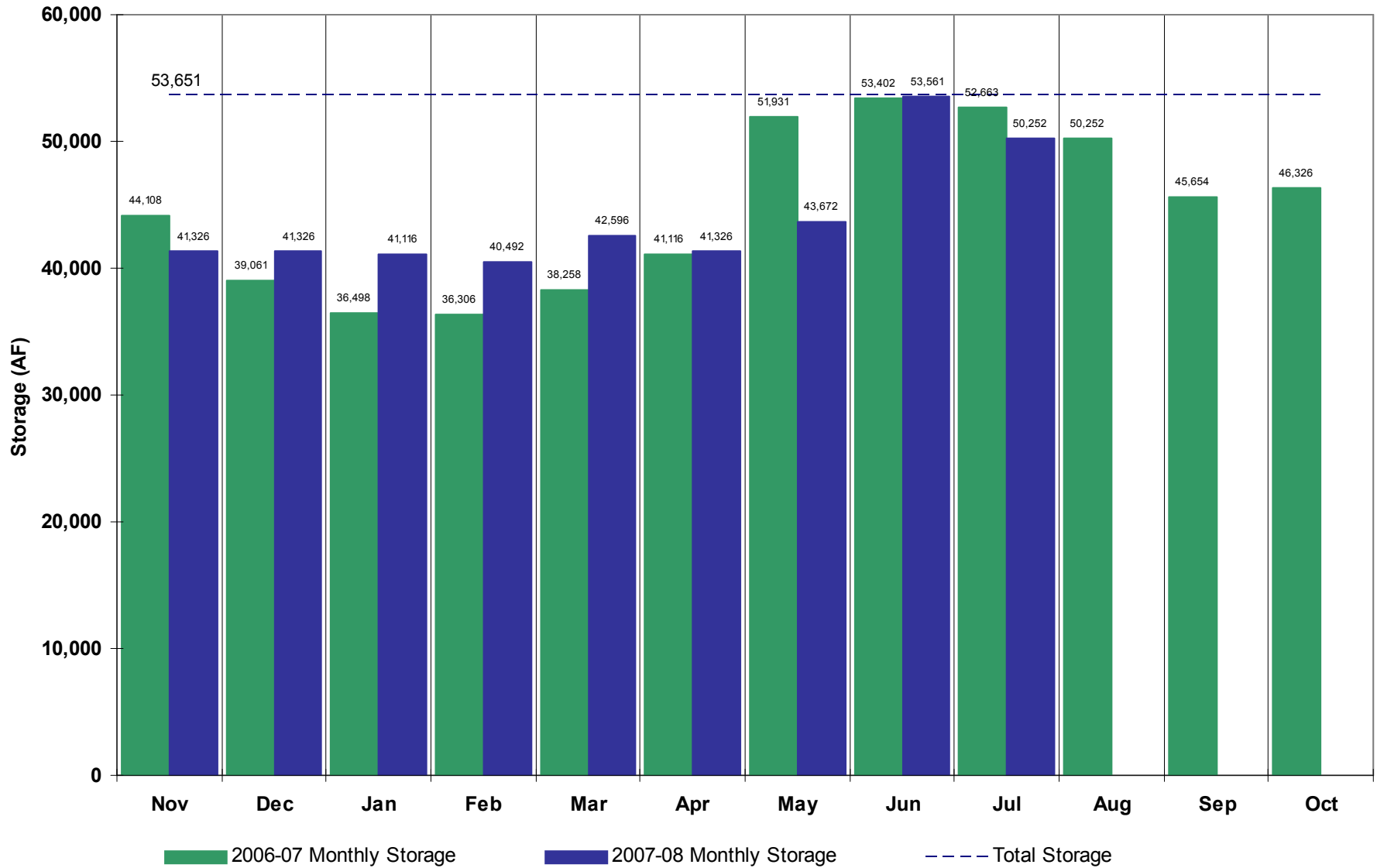
# Cheesman Reservoir

## (District 80 - Municipal)



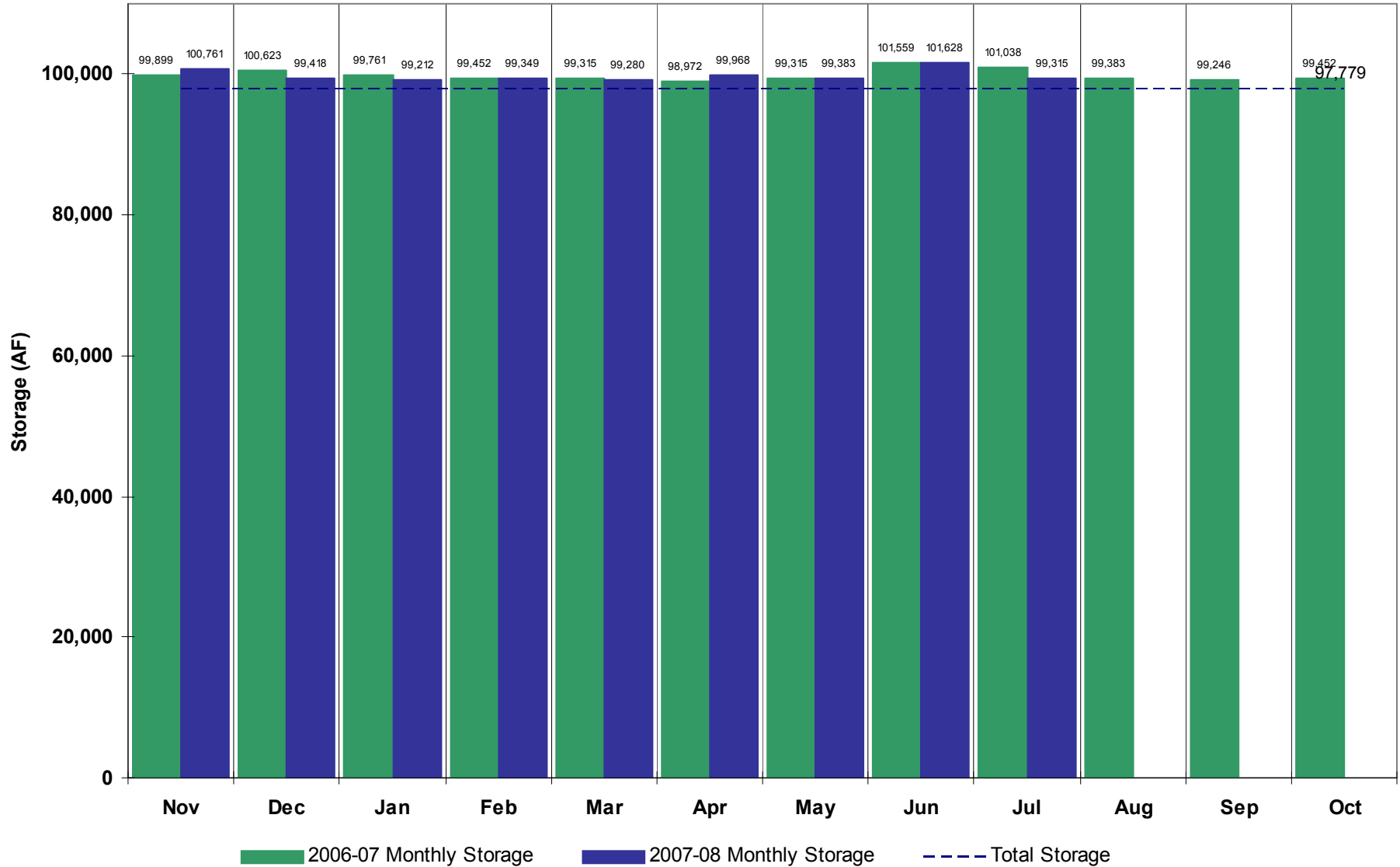
# Spinney Mountain Reservoir

(District 23 - Municipal)

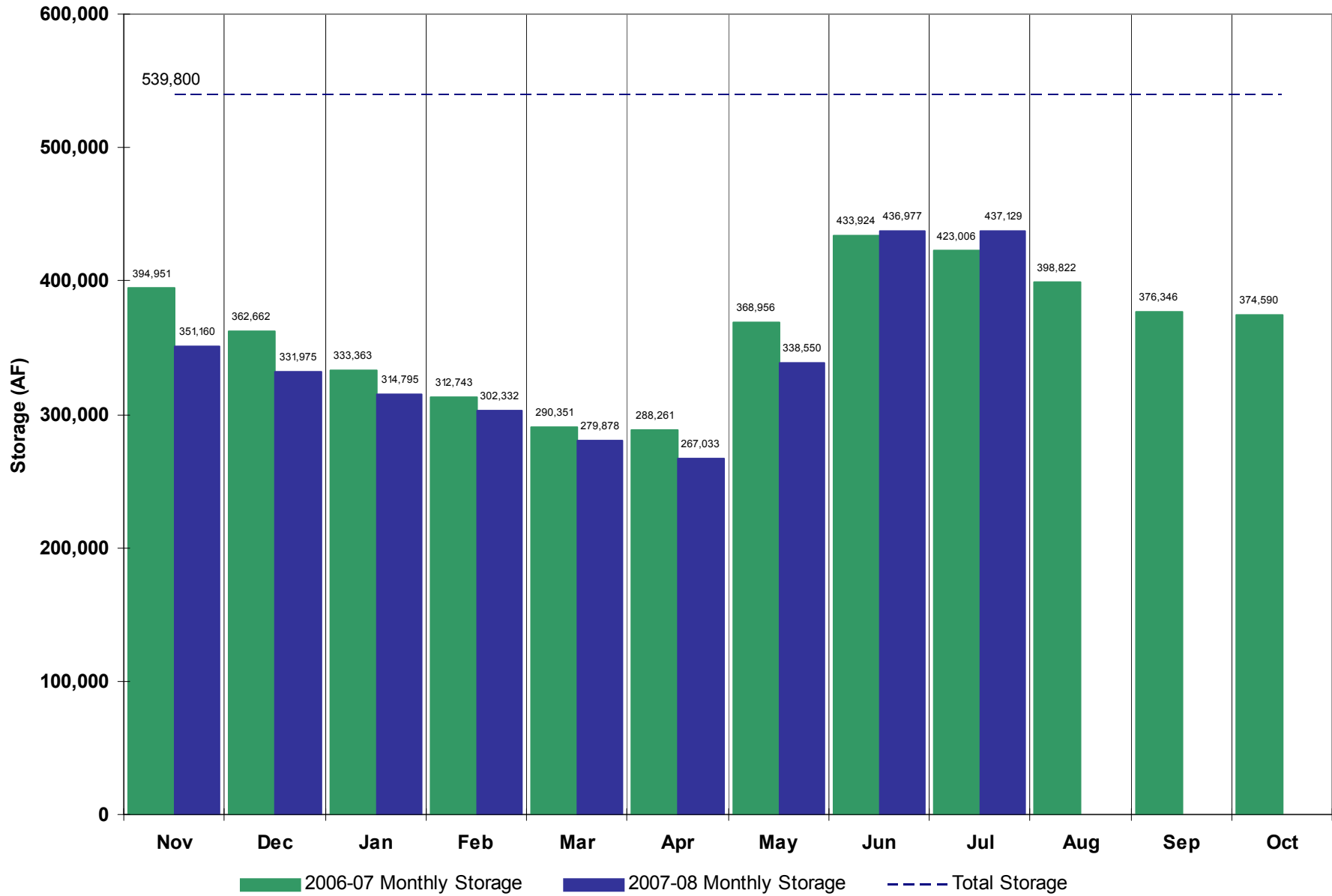


# Eleven Mile Reservoir

## (District 23 - Municipal)



# Lake Granby





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



**Cows on Dam Safety Inspection near Elbert  
(Photo by John Redding)**