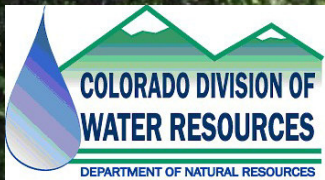


# South Platte Summary

## July 2007

By David Ellington



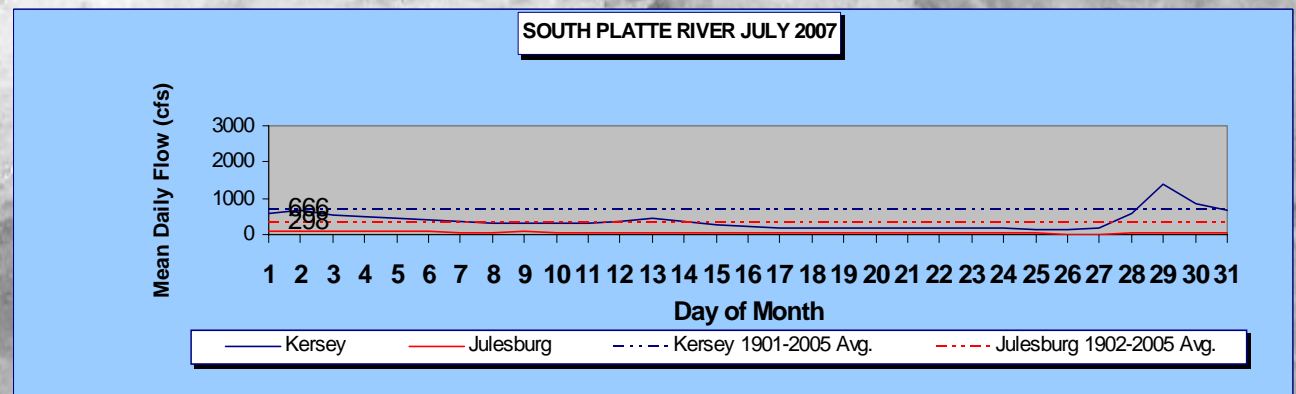
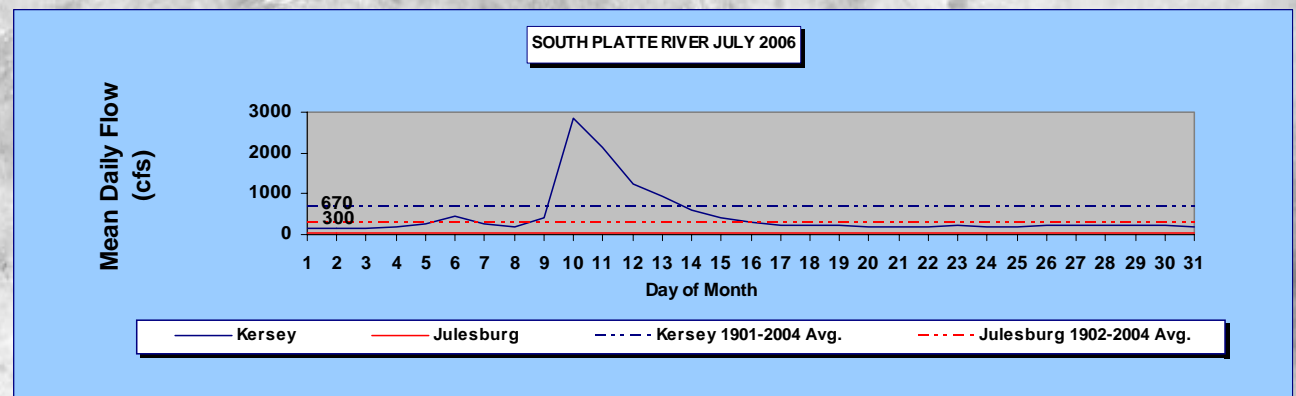
Left Hand Diversion Near Ward, Colorado  
(Russell Stroud)

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

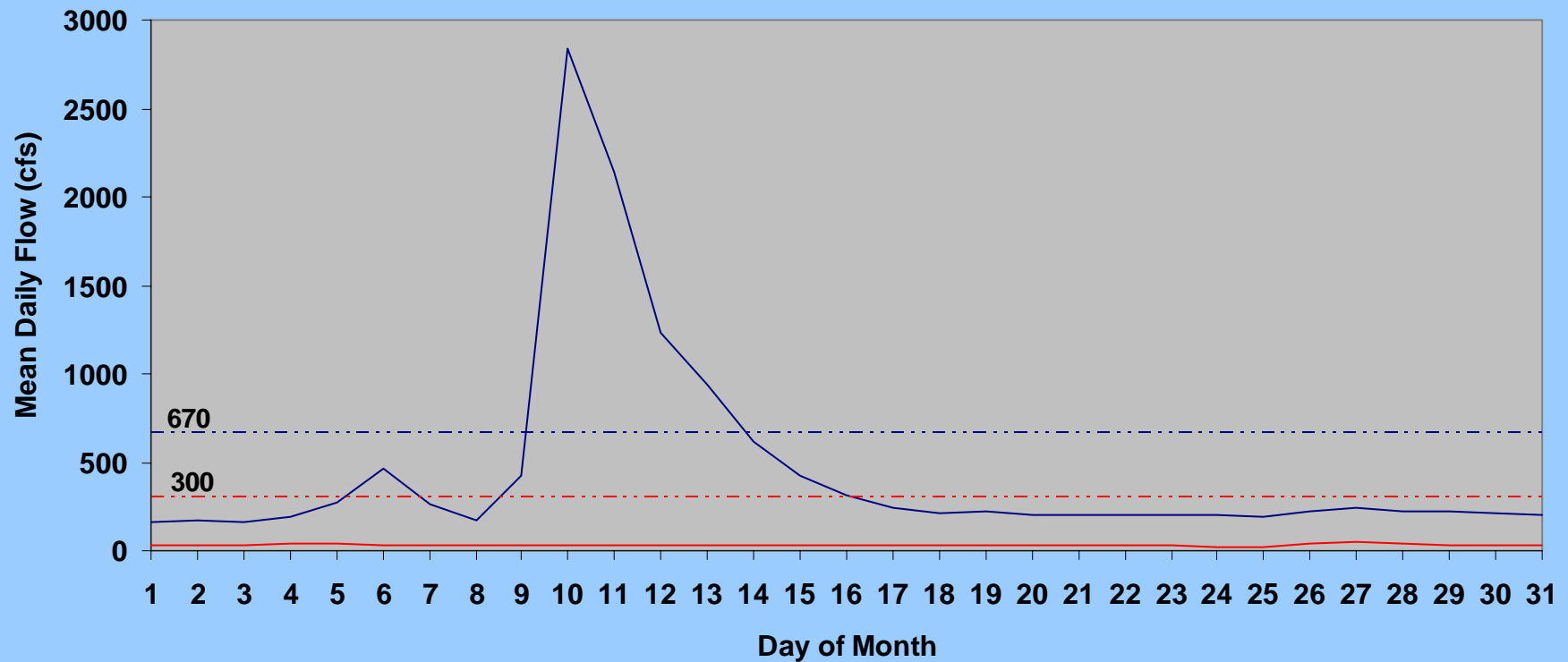
## MONTH OF JULY 2007

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	21,143	14,835	64	-6,308	-30%	65%	26%	0
N STERLING	73,730	67,260	41,859	64	-25,401	-38%	57%	27%	0
PREWITT	28,500	26,658	18,913	64	-7,745	-29%	66%	32%	0
JACKSON	27,257	26,934	20,304	1	-6,630	-25%	74%	40%	0
EMPIRE	37,700	34,716	20,804	1	-13,912	-40%	55%	0%	0
RIVERSIDE	63,113	57,894	40,378	1	-17,516	-30%	64%	29%	0
BARR LAKE	31,652	29,314	21,951	2	-7,363	-25%	69%	22%	0
CHEESMAN	79,064	79,598	79,361	80	-237	0%	100%	100%	297
ELEVEN MILE	97,779	101,559	101,038	23	-521	-1%	100%	100%	3,259
SPINNEY	53,651	53,402	52,663	23	-739	-1%	98%	95%	0
ANTERO	20,015	20,037	20,081	23	44	0%	100%	71%	66

RIVER GAGES		MEAN DAILY FLOW (CFS)
<b>KERSEY</b>		<b>381</b>
<b>JULESBURG</b>		<b>54</b>
<b>THIS MONTH LAST YEAR</b>		
<b>KERSEY</b>		<b>451</b>
<b>JULESBURG</b>		<b>32</b>
<b>MEAN FOR PERIOD OF RECORD*</b>		
<b>KERSEY</b>		<b>666</b>
<b>JULESBURG</b>		<b>298</b>
* 1901-2005		
1902-2005		



# SOUTH PLATTE RIVER JULY 2006



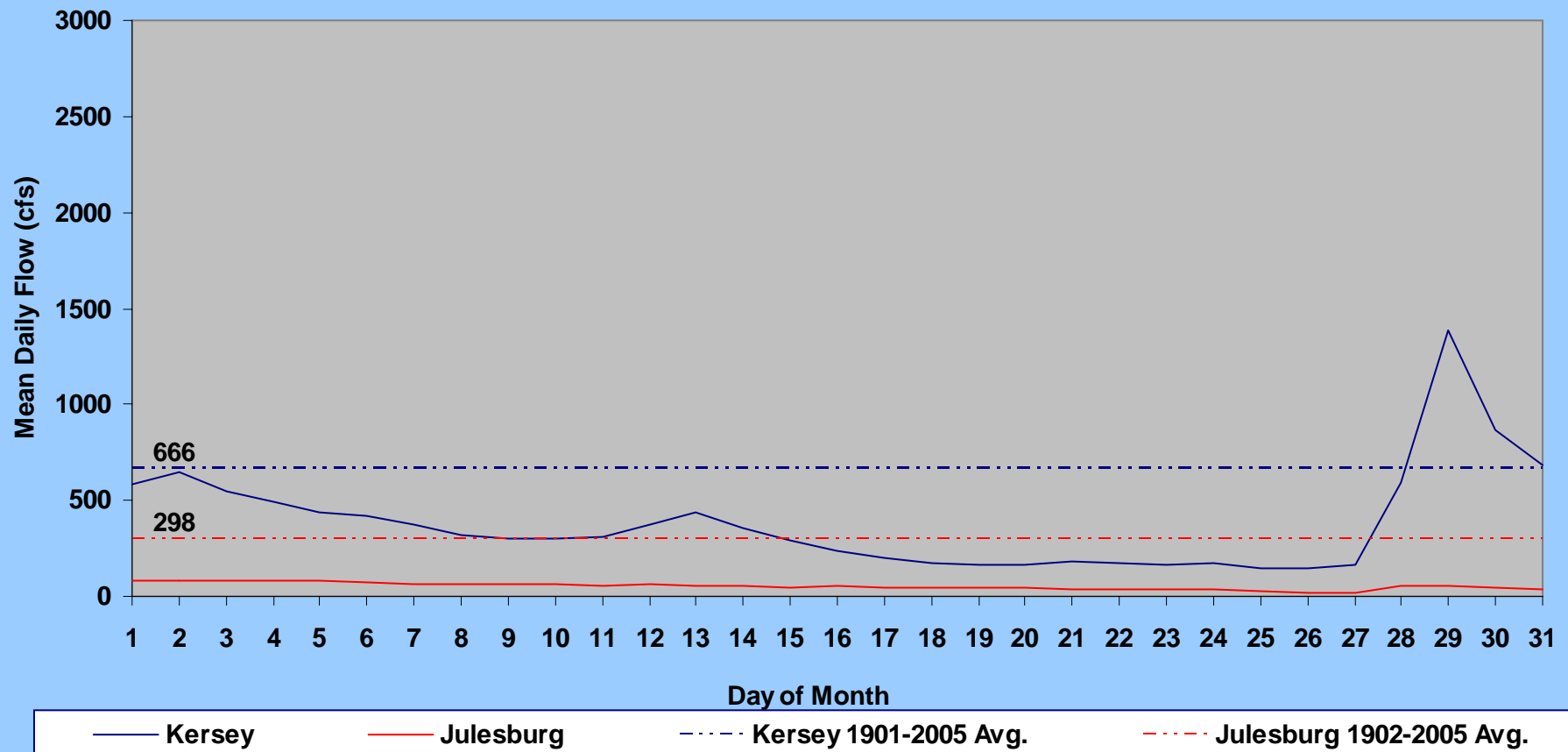
— Kersey

— Julesburg

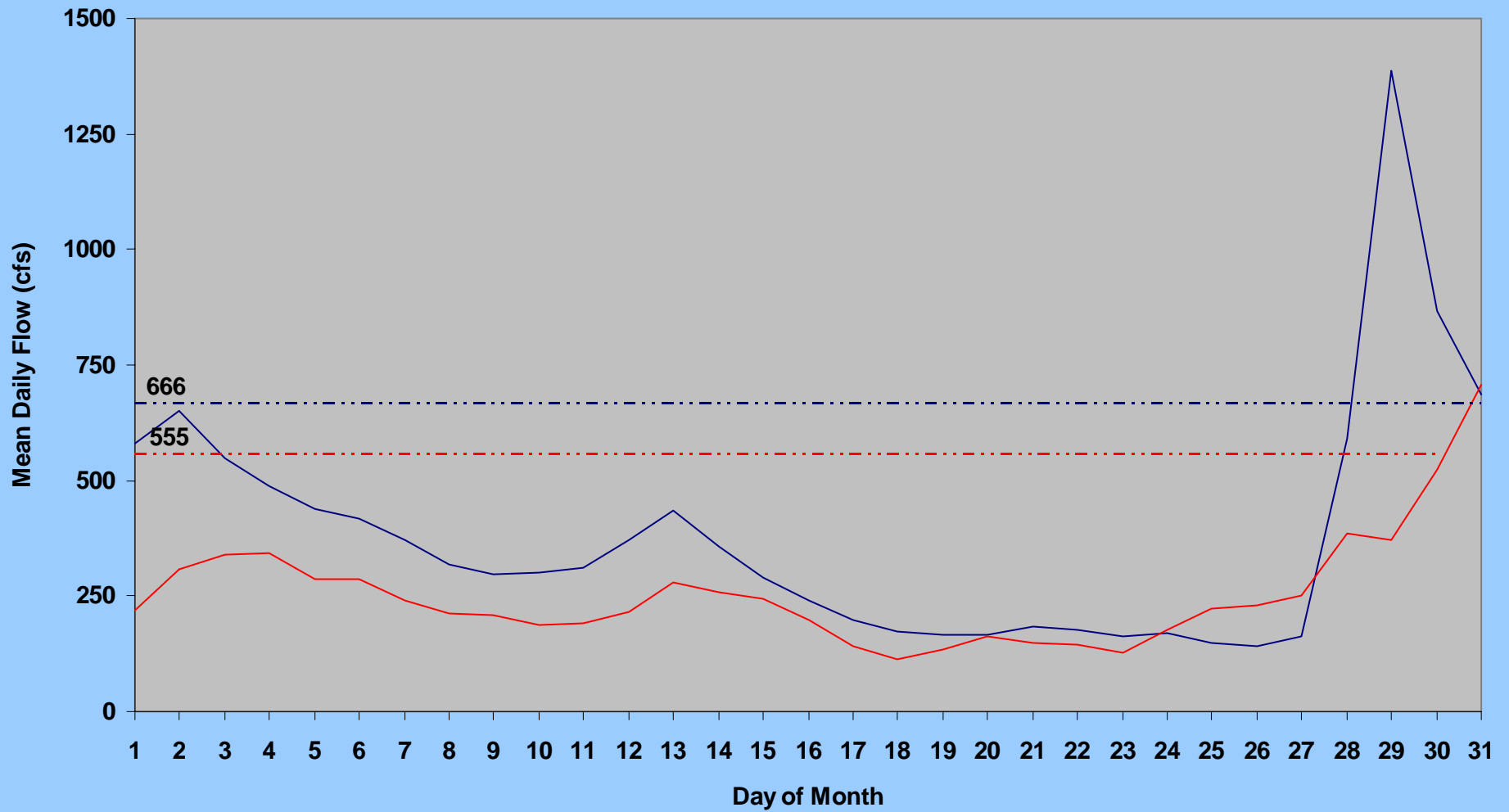
- - - Kersey 1901-2004 Avg.

- - - Julesburg 1902-2004 Avg.

# SOUTH PLATTE RIVER JULY 2007



# KERSEY and BALZAC JULY 2007



— Kersey      — Balzac      - - - Kersey 1901-2005 Avg.      - - - Balzac 1988-2005 Avg.

South Platte River Below  
Strontia springs

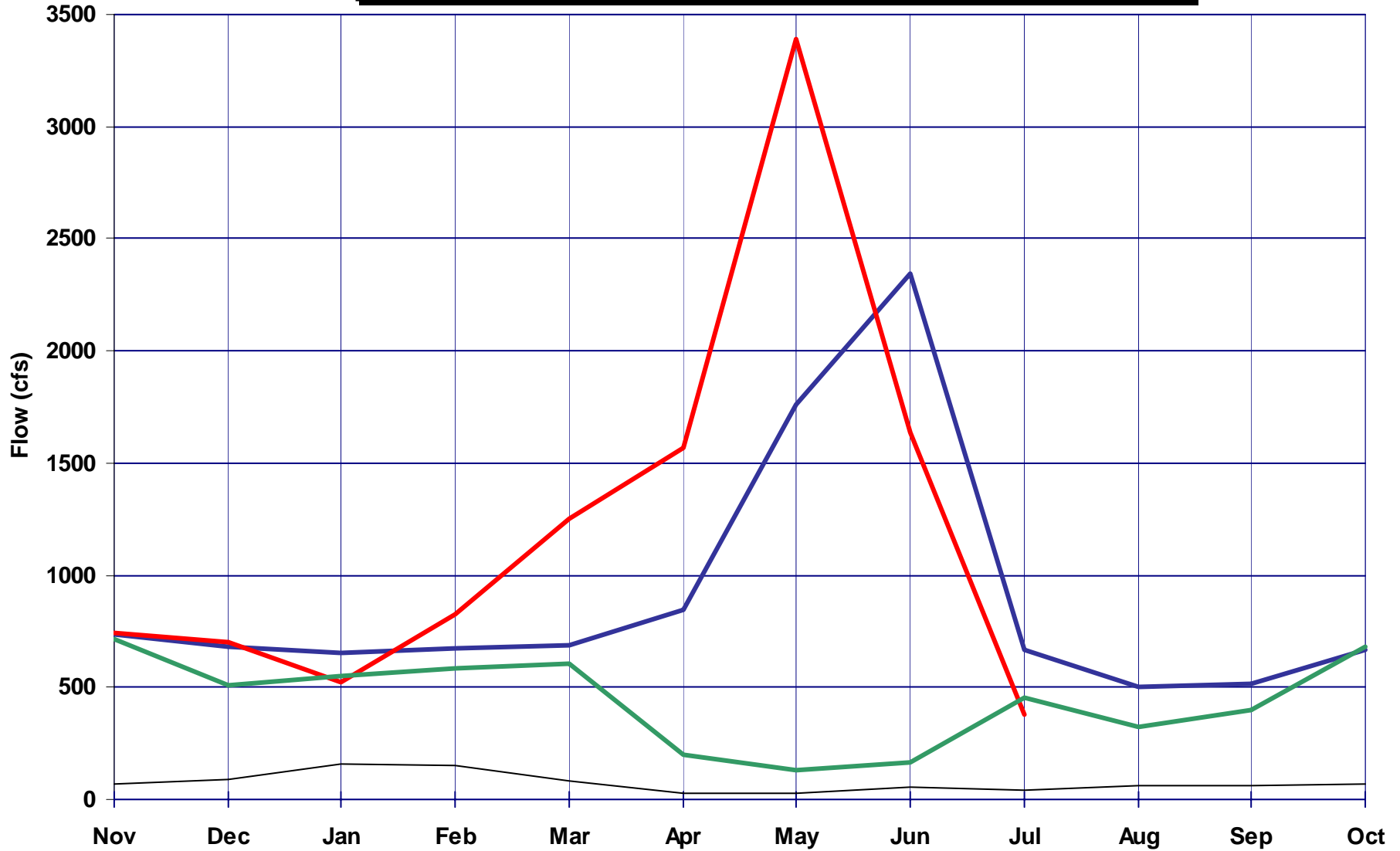


## South Platte River Monthly Stream Flow (cfs) Statistics

South Platte River at Kersey							South Platte River at Julesburg						
Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2007 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2007 Mean Monthly Flow
Nov	737	3650	1984	70	1934	746	Nov	346	2900	1984	4.2	1903	39
Dec	684	1890	1961	91	1934	704	Dec	408	1820	1984	13	2002	63
Jan	655	2160	1974	158	1935	526	Jan	522	2510	1970	21	2003	210
Feb	673	3060	1914	152	1935	825	Feb	598	3220	1930	22	2004	225
Mar	686	3470	1983	80	1935	1250	Mar	540	12900	1910	15	1904	60
Apr	849	18100	1942	28	1955	1566	Apr	536	14400	1942	4.0	1904	201
May	1760	26100	1973	29	1955	3391	May	1034	18100	1973	12	1911	653
Jun	2342	31000	1921	52	1954	1638	Jun	1456	30800	1921	2.0	1910	572
Jul	666	12600	1983	44	1955	381	Jul	298	12600	1983	0.0	1903	54
Aug	505	9690	1951	65	1934		Aug	183	8920	1968	0.0	1903	
Sep	515	14200	1938	62	1940		Sep	243	7130	1938	2.0	1902	
Oct	664	6180	1984	66	1954		Oct	307	3130	1984	4.2	1903	
*Period of record 1901-2005							*Period of record 1902-2005						

# South Platte River at Kersey

Irrigation Water Year



— Historic\* Mean Flow  
\*1901-2005

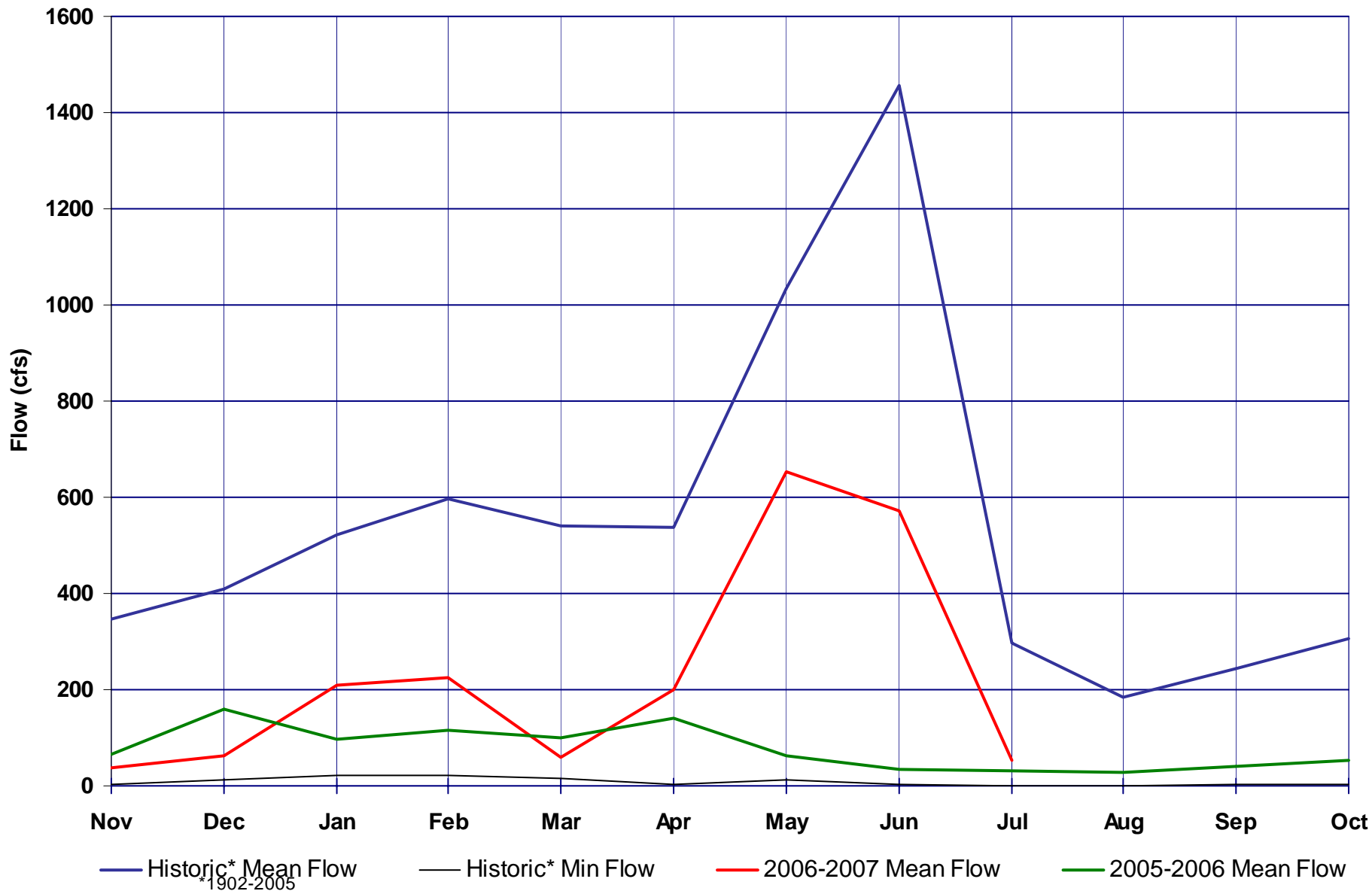
— Historic\* Min Flow

— 2006-2007 Mean Flow

— 2005-2006 Mean Flow

# South Platte River at Julesburg

Irrigation Water Year





# Next four slides show Reservoir Storage below and above Kersey

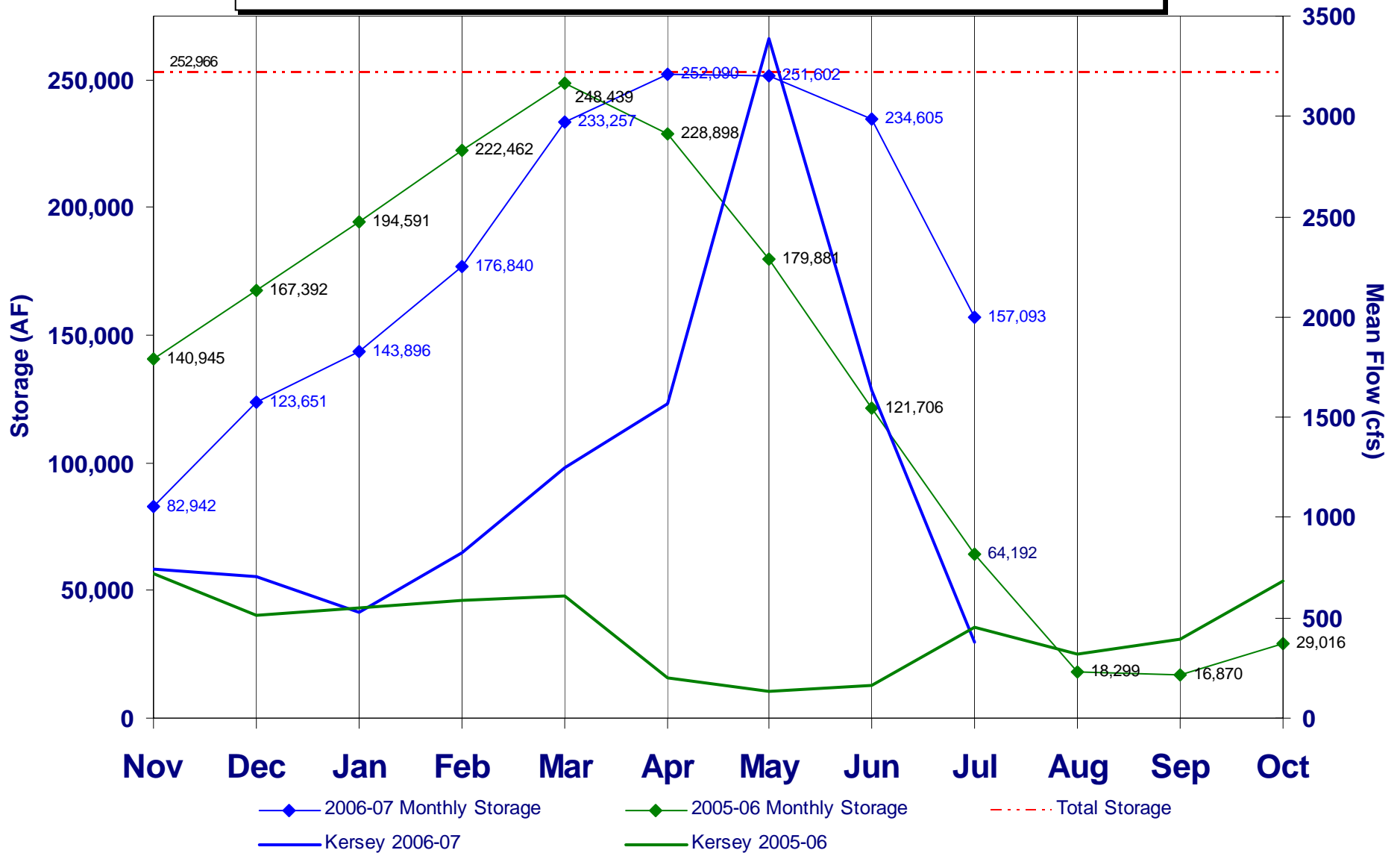


BerthoudReservoir  
(Photo John Batka)

07.25.2007

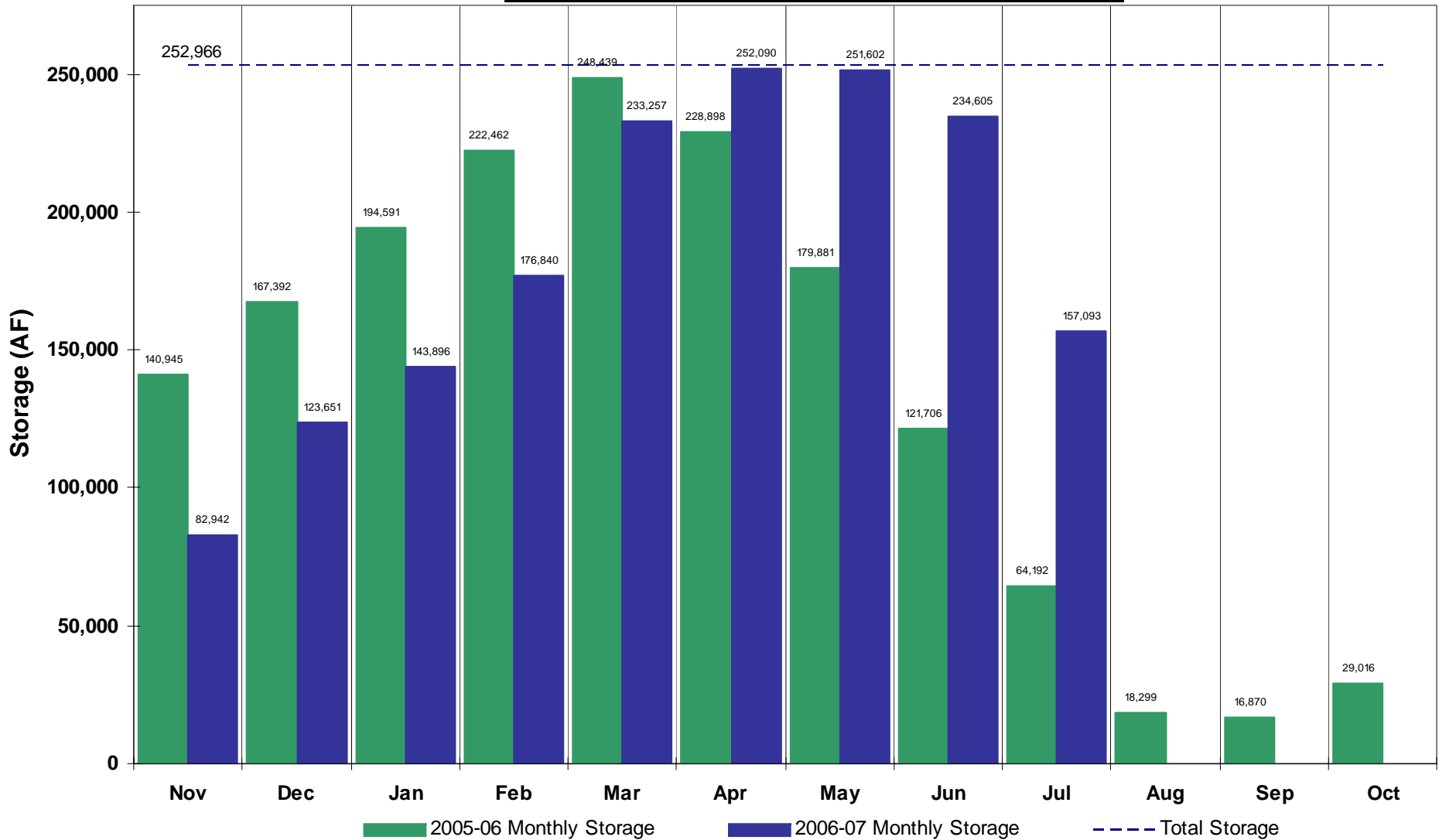
# Reservoir Storage below Kersey

Selected Reservoirs\*



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

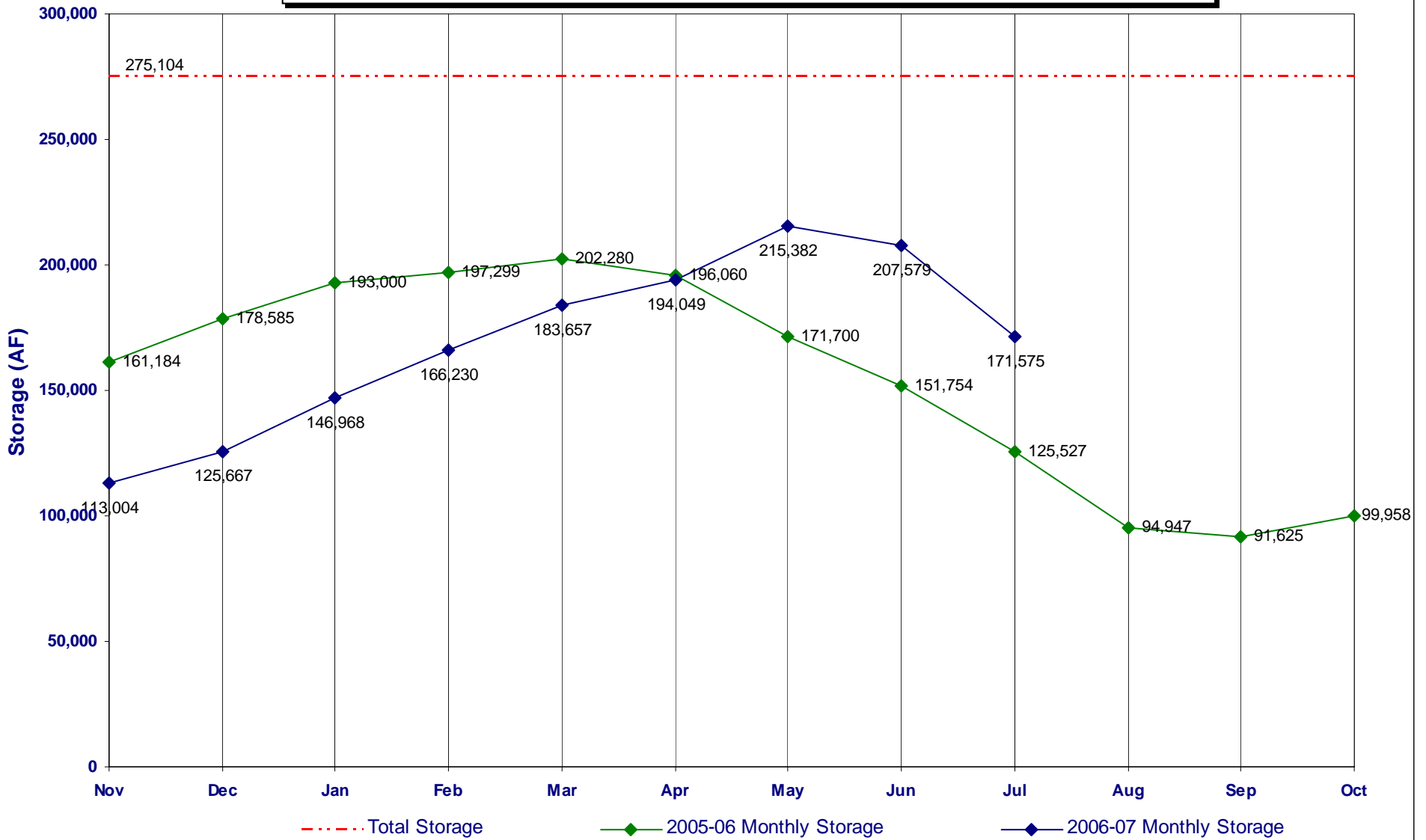
# South Platte Reservoirs Storage below Kersey\*



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

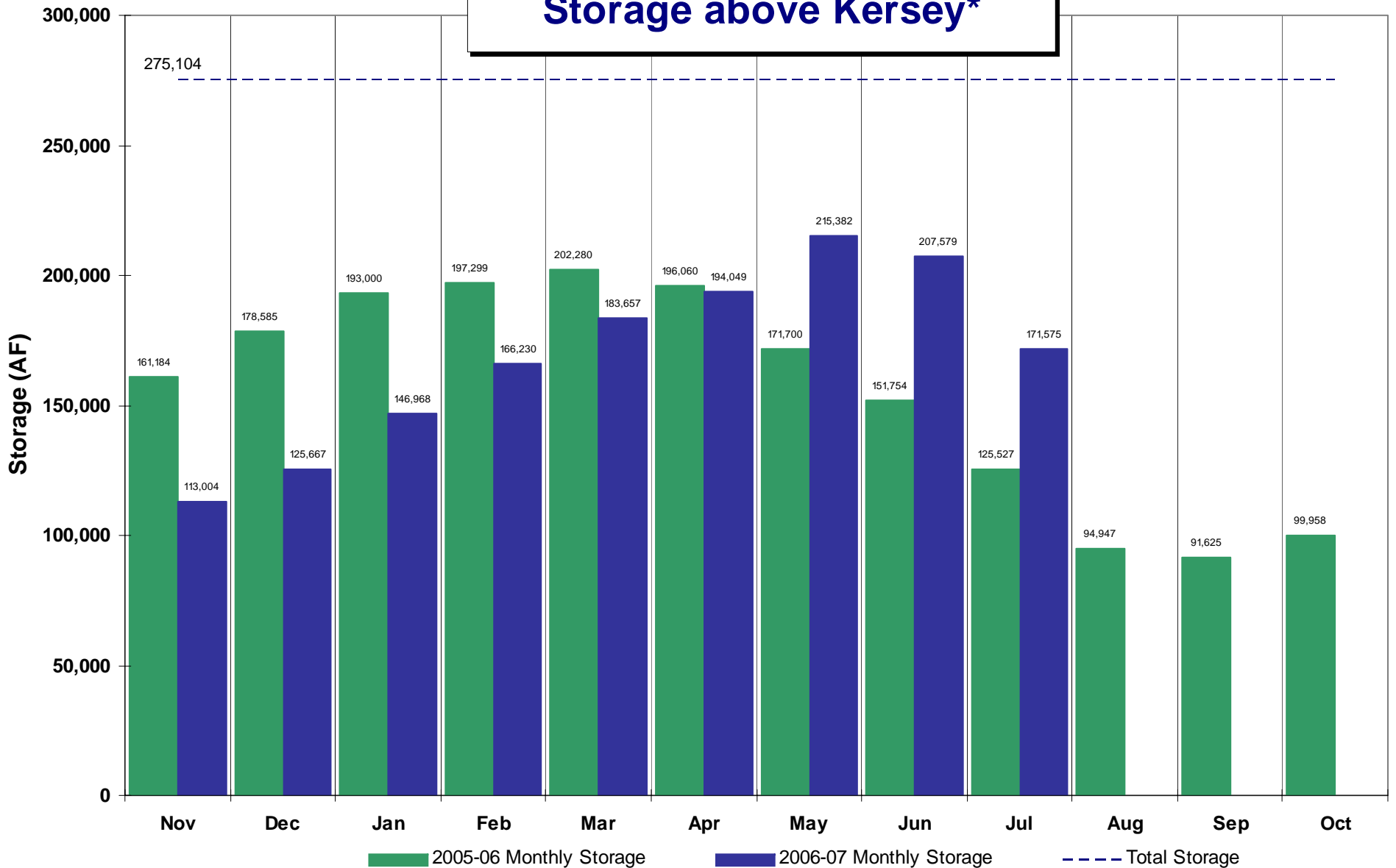
# Reservoir Storage above Kersey

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

A photograph of the Idylwilde Hydroelectric Dam, a concrete structure with a spillway. Water is cascading over the spillway into a rocky stream bed. The dam is set against a backdrop of a forested hillside. The foreground shows a dirt path and some vegetation.

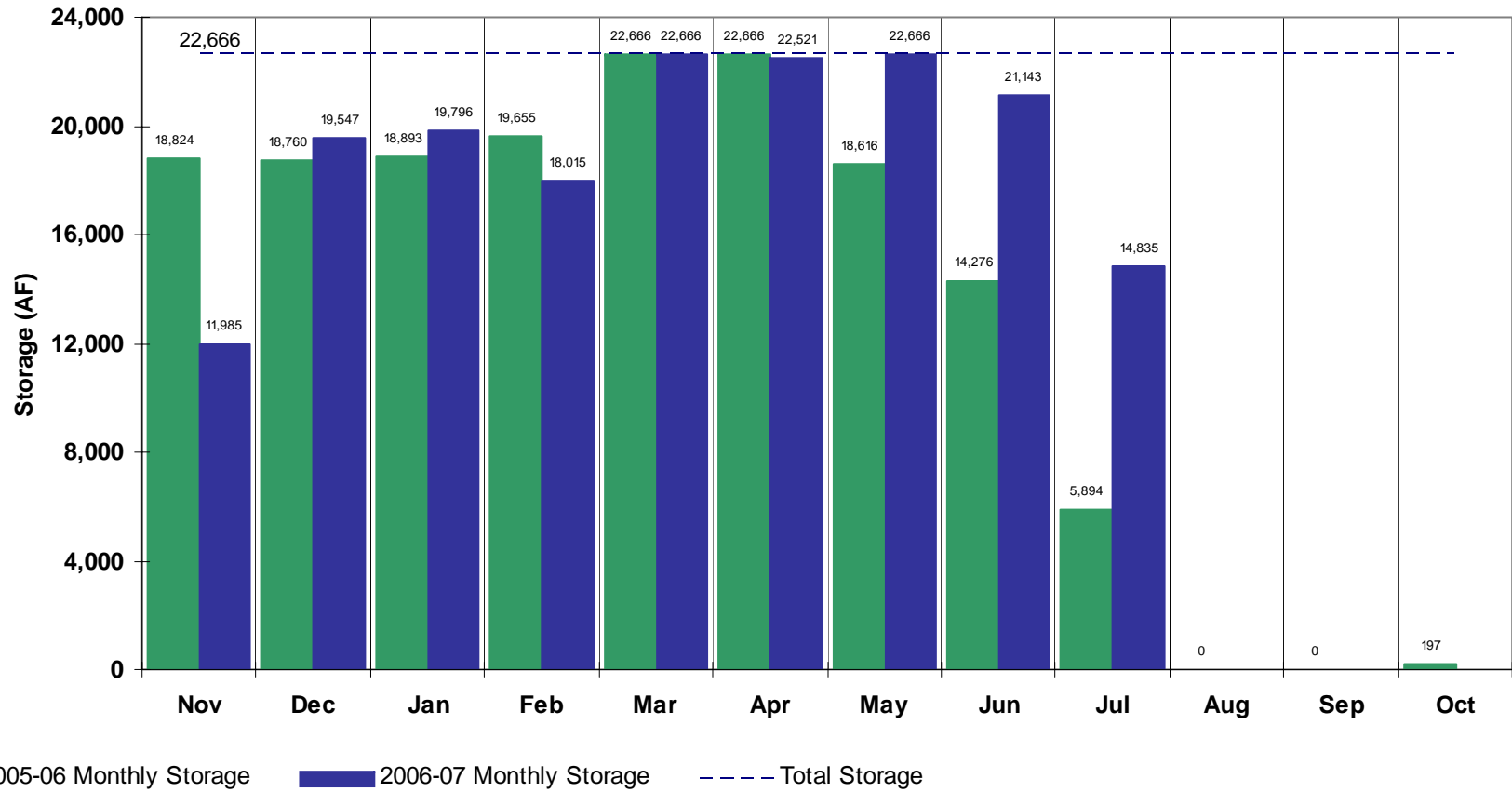
**Individual  
Reservoir  
Storage  
Follows**

**Idylwilde Hydroelectric Dam  
(Photo by John Batka)**

07.23.2007

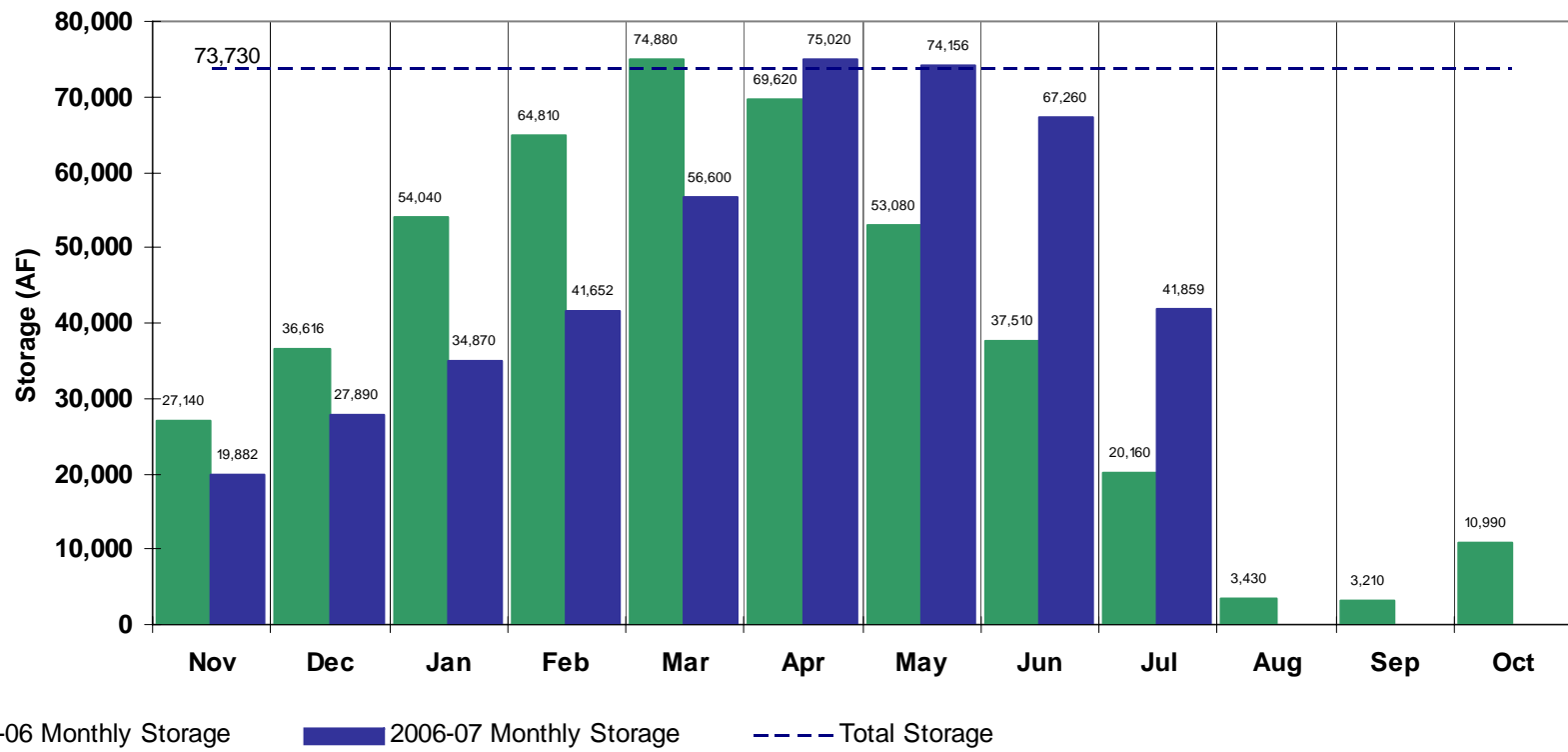
# Julesburg Reservoir

(District 64 - Agricultural)



# North Sterling Reservoir

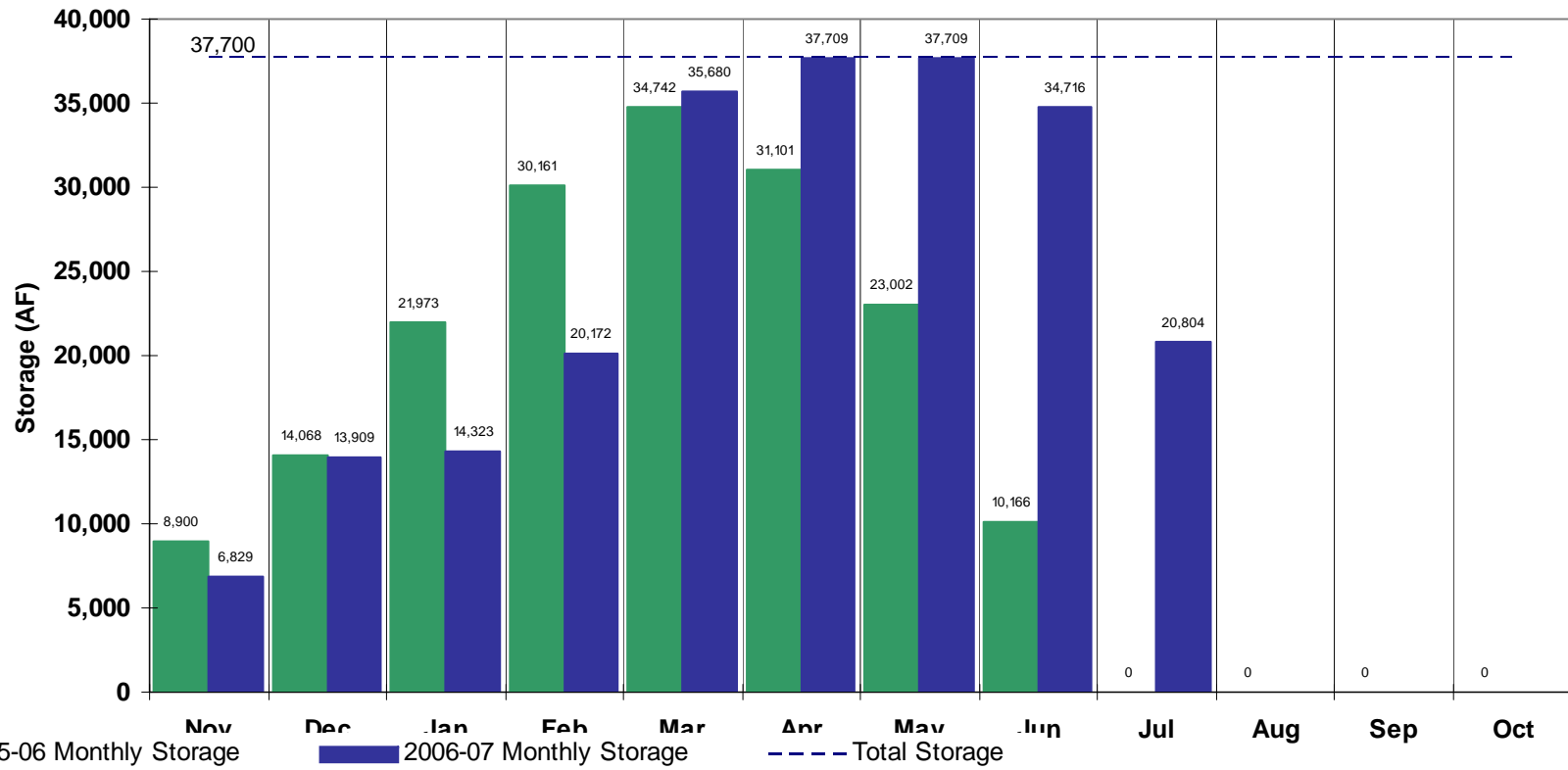
(District 64- Agricultural)





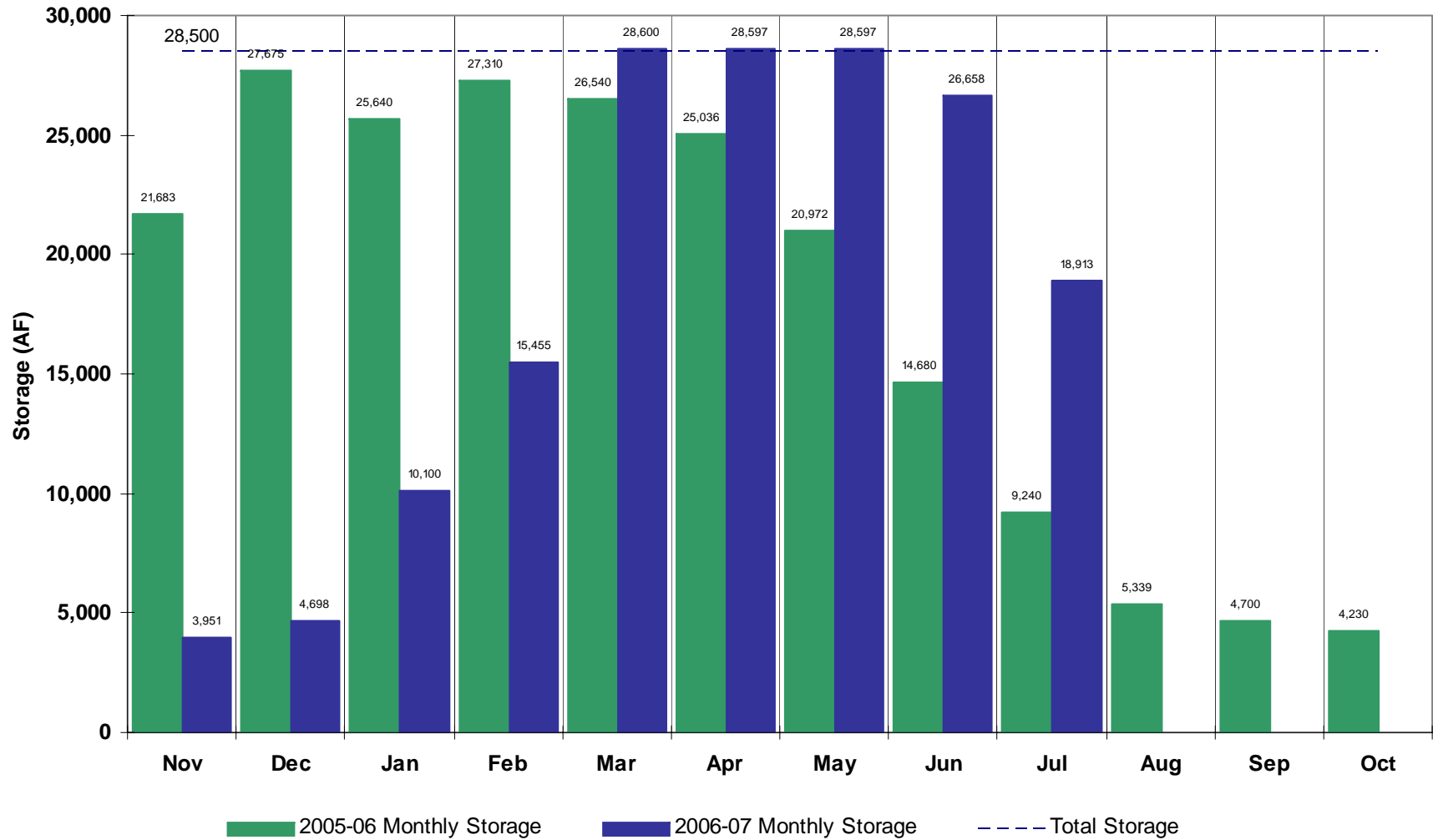
# Empire Reservoir

## (District 1- Agricultural)



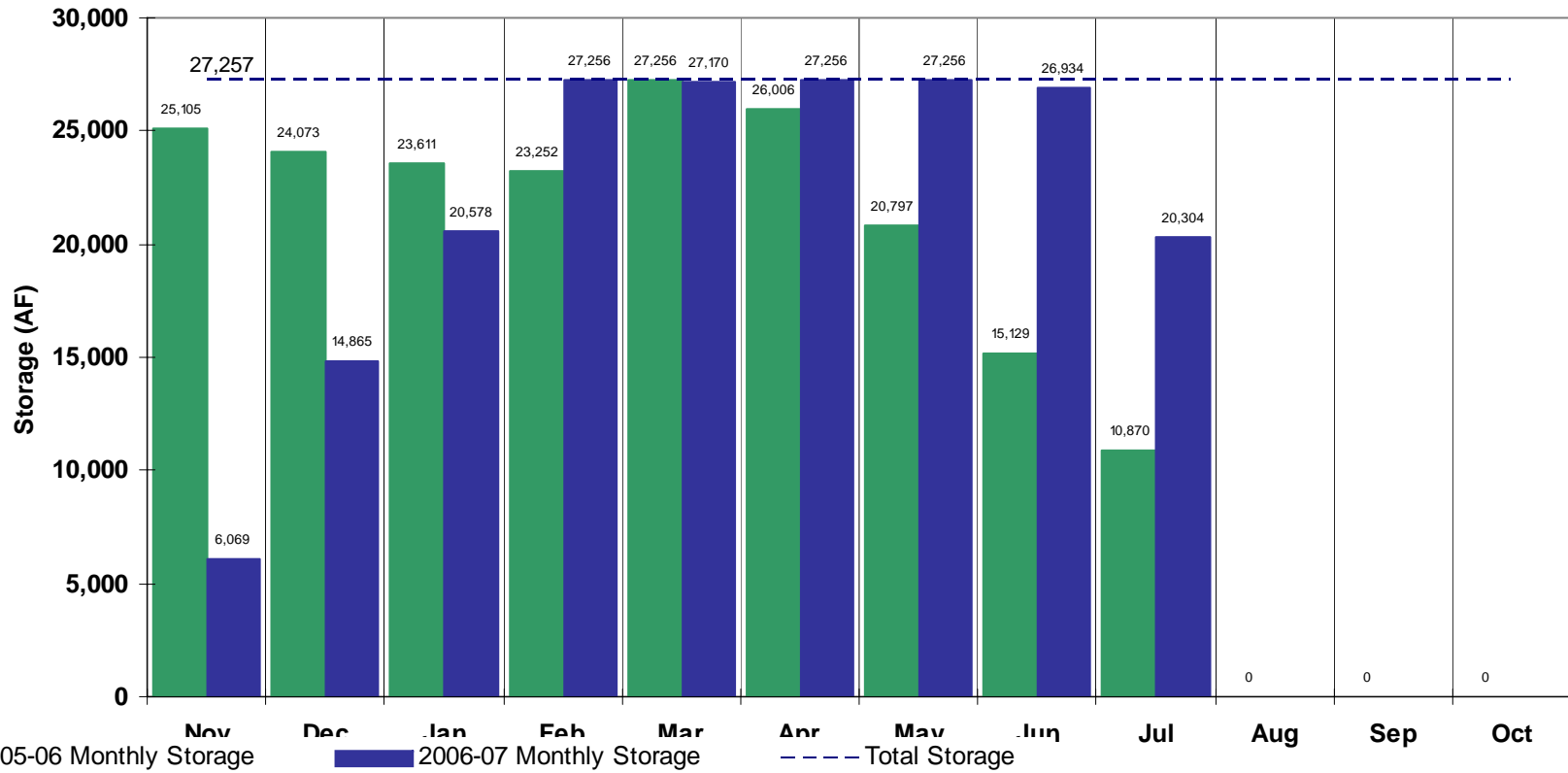
# Prewitt Reservoir

(District 64- Agricultural)



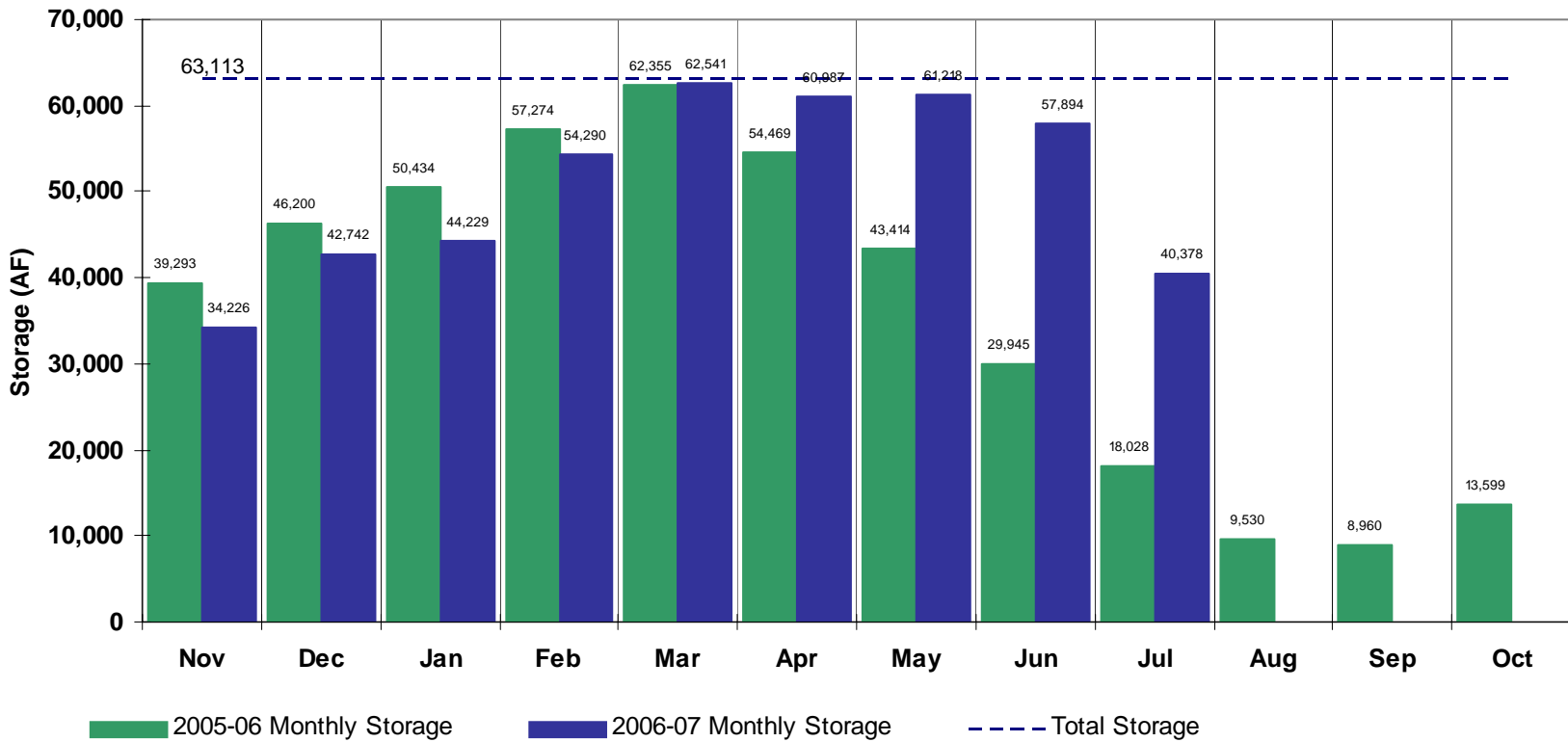
# Jackson Reservoir

## (District 1- Agricultural)



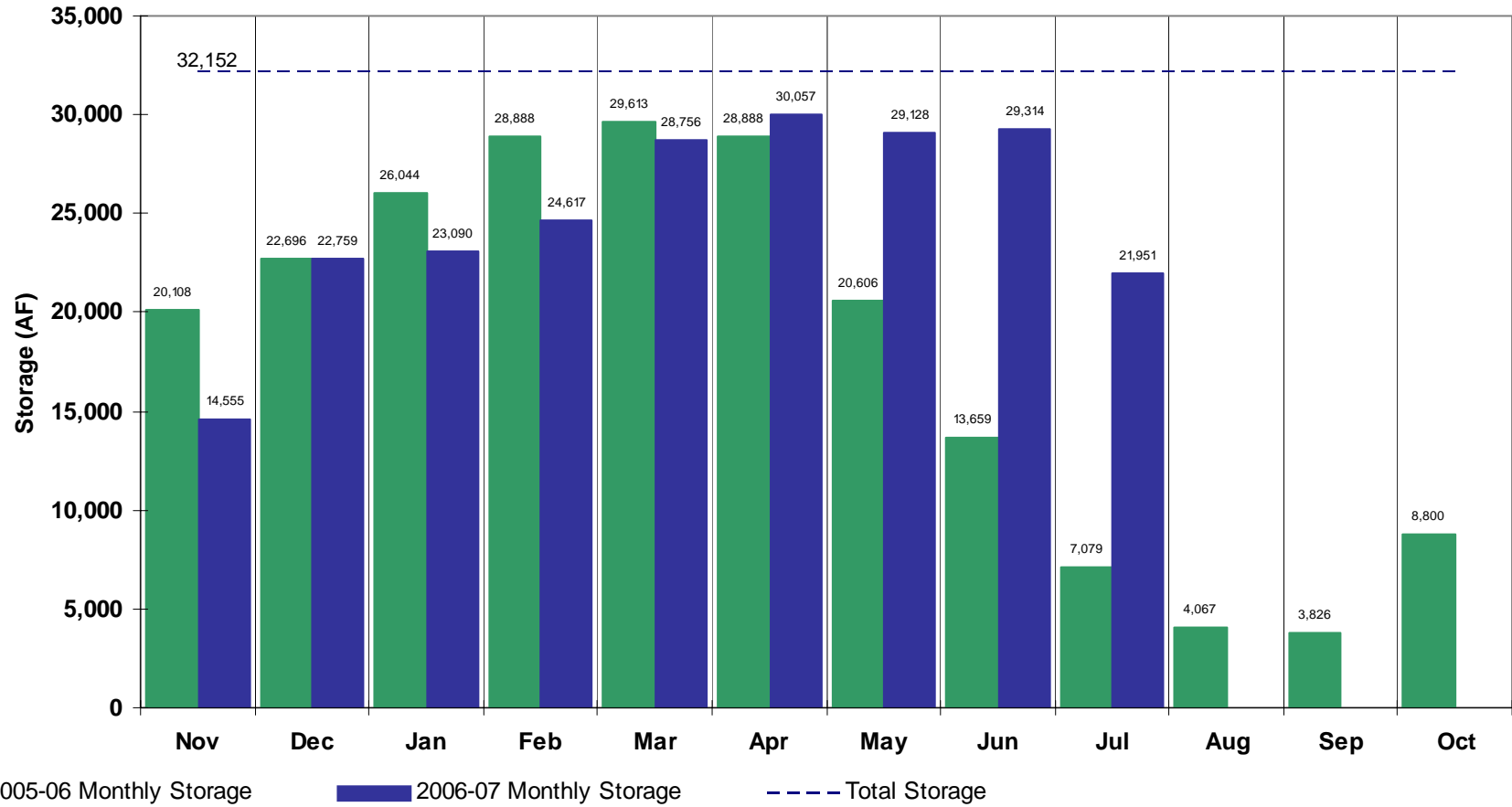
# Riverside Reservoir

## (District 1 - Agricultural)



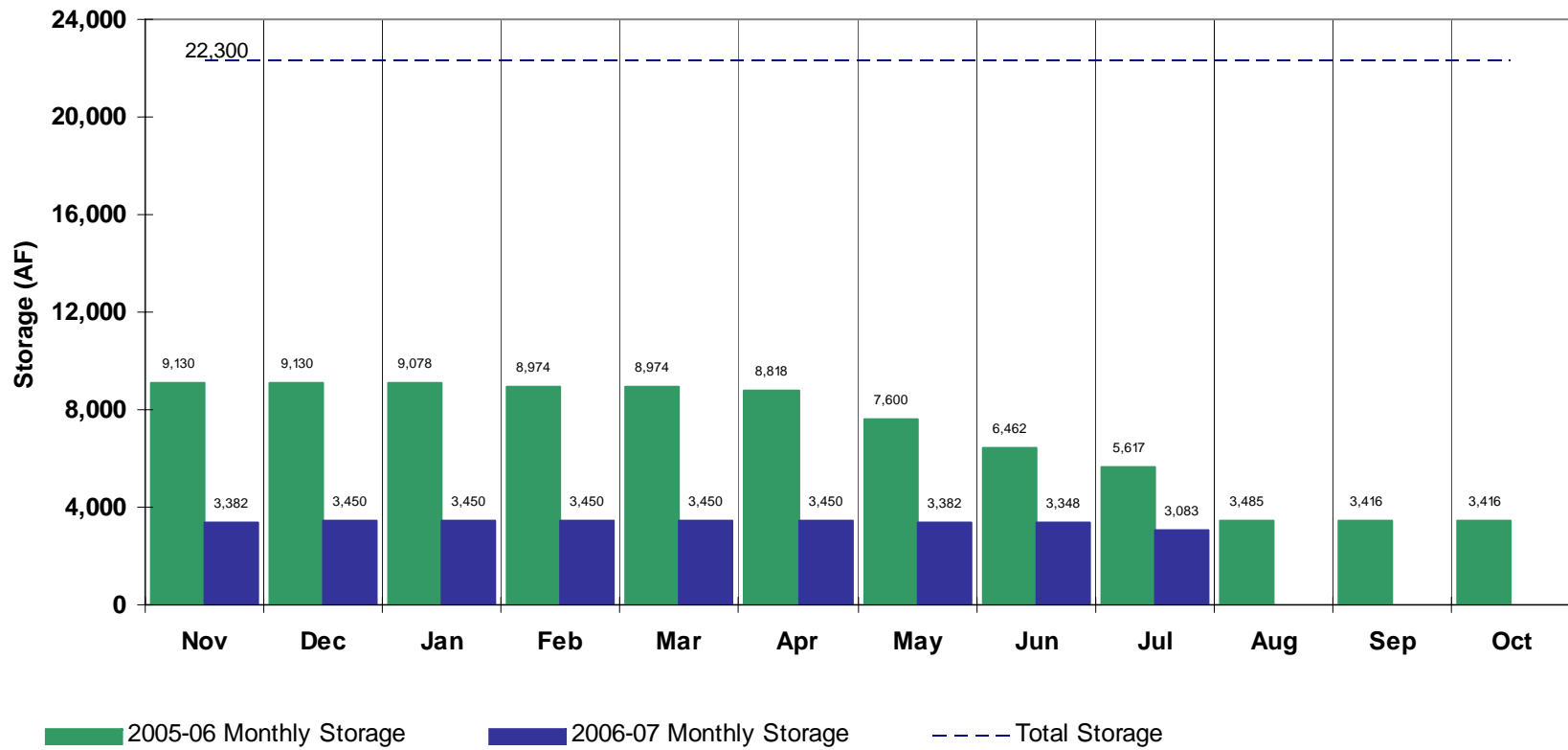
# Barr Lake

(District 2 - Agricultural)



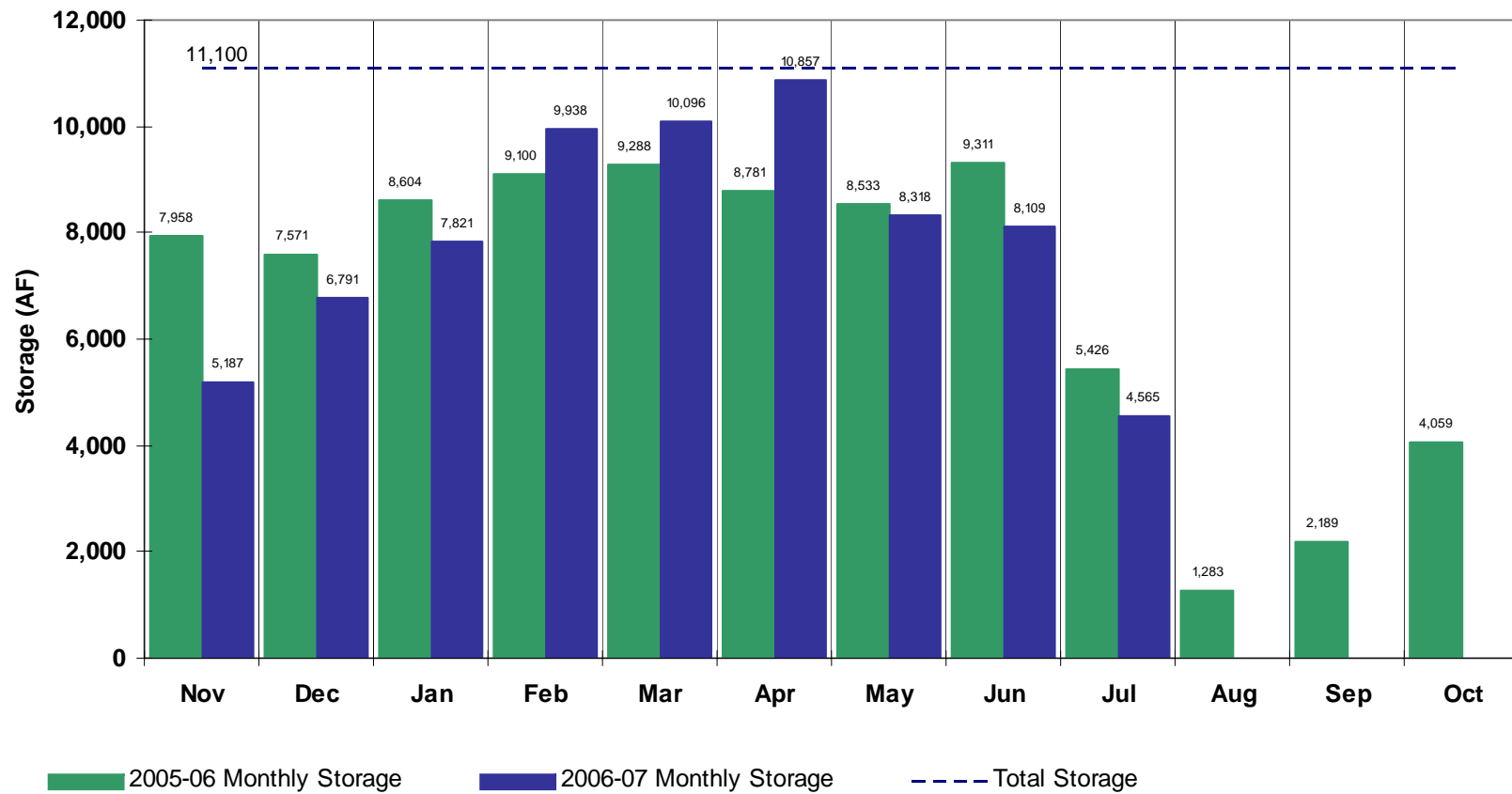
# Cobb Lake

(District 3, Poudre River - Agricultural)



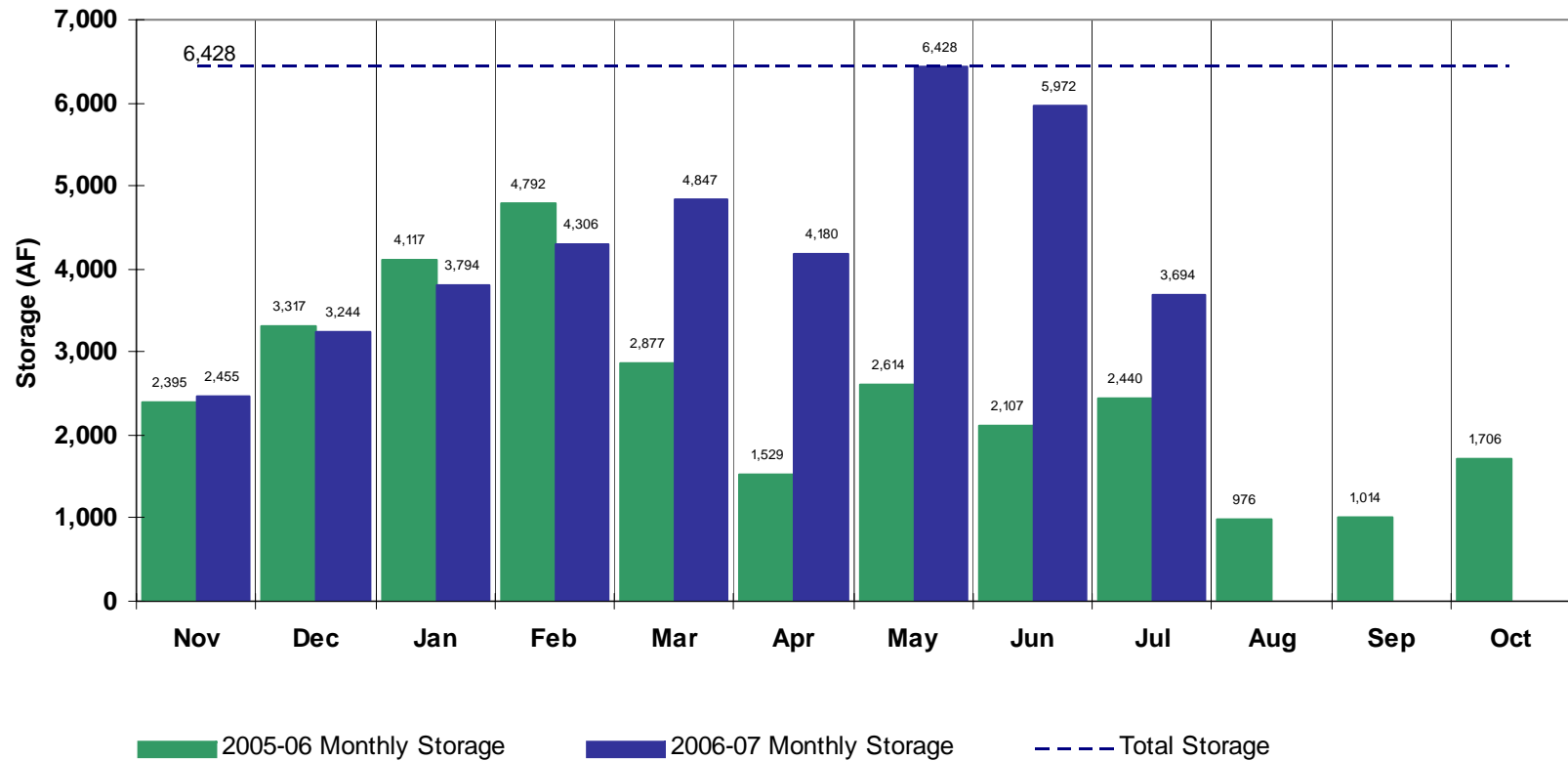
# Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



# Halligan Reservoir

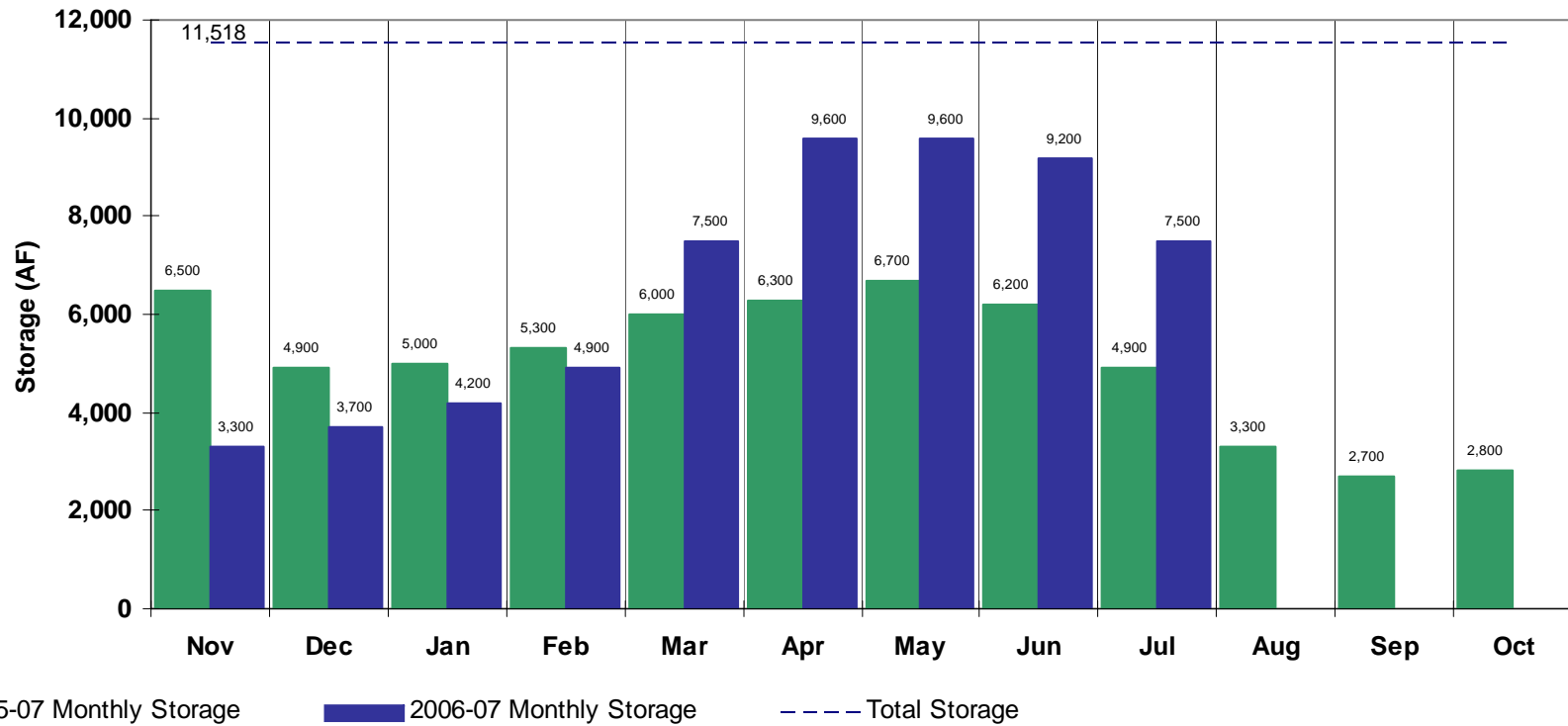
(District 3, Poudre River - Agricultural)





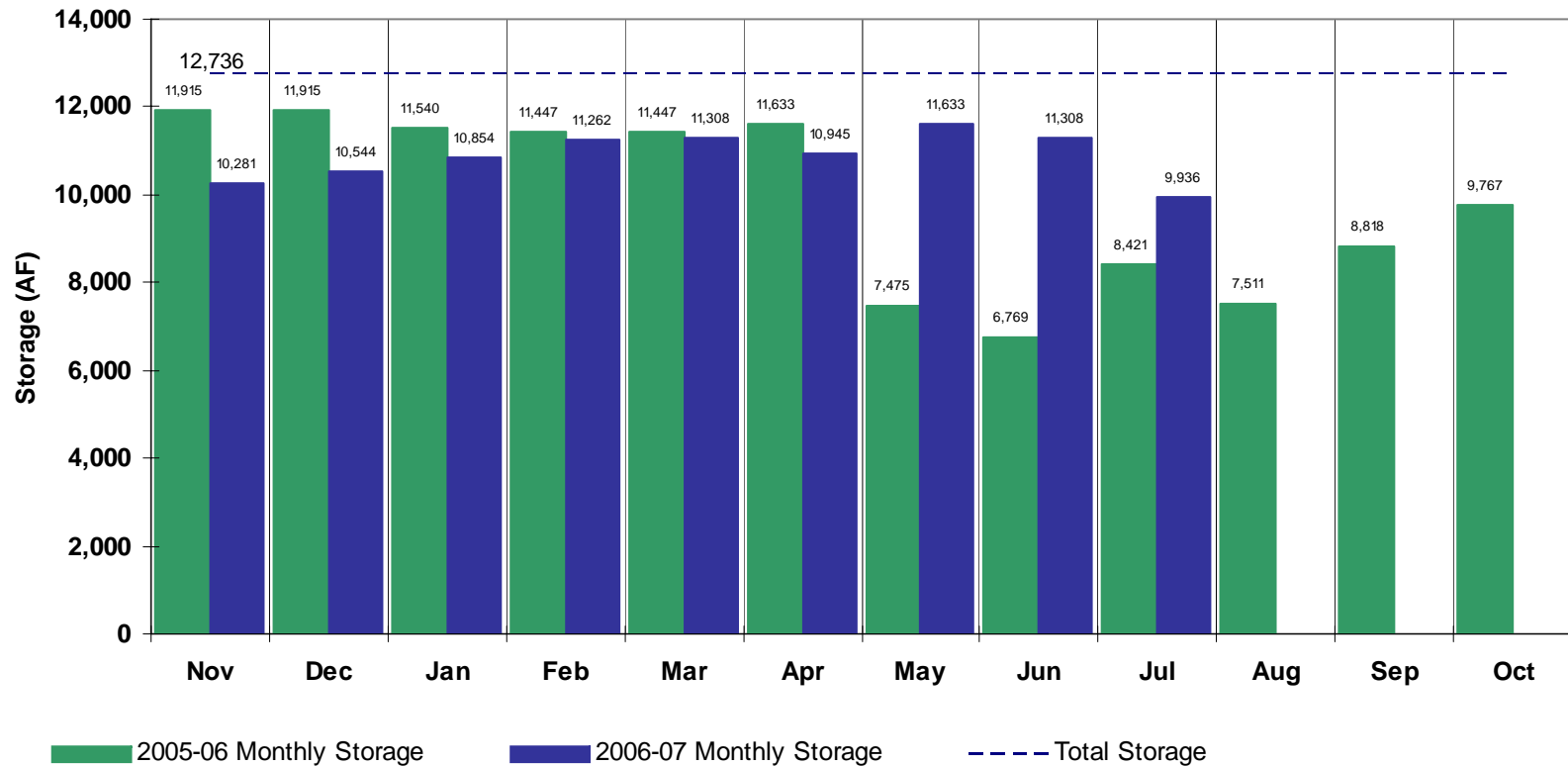
# Marshall Lake

(District 6, Boulder Creek - Agricultural)



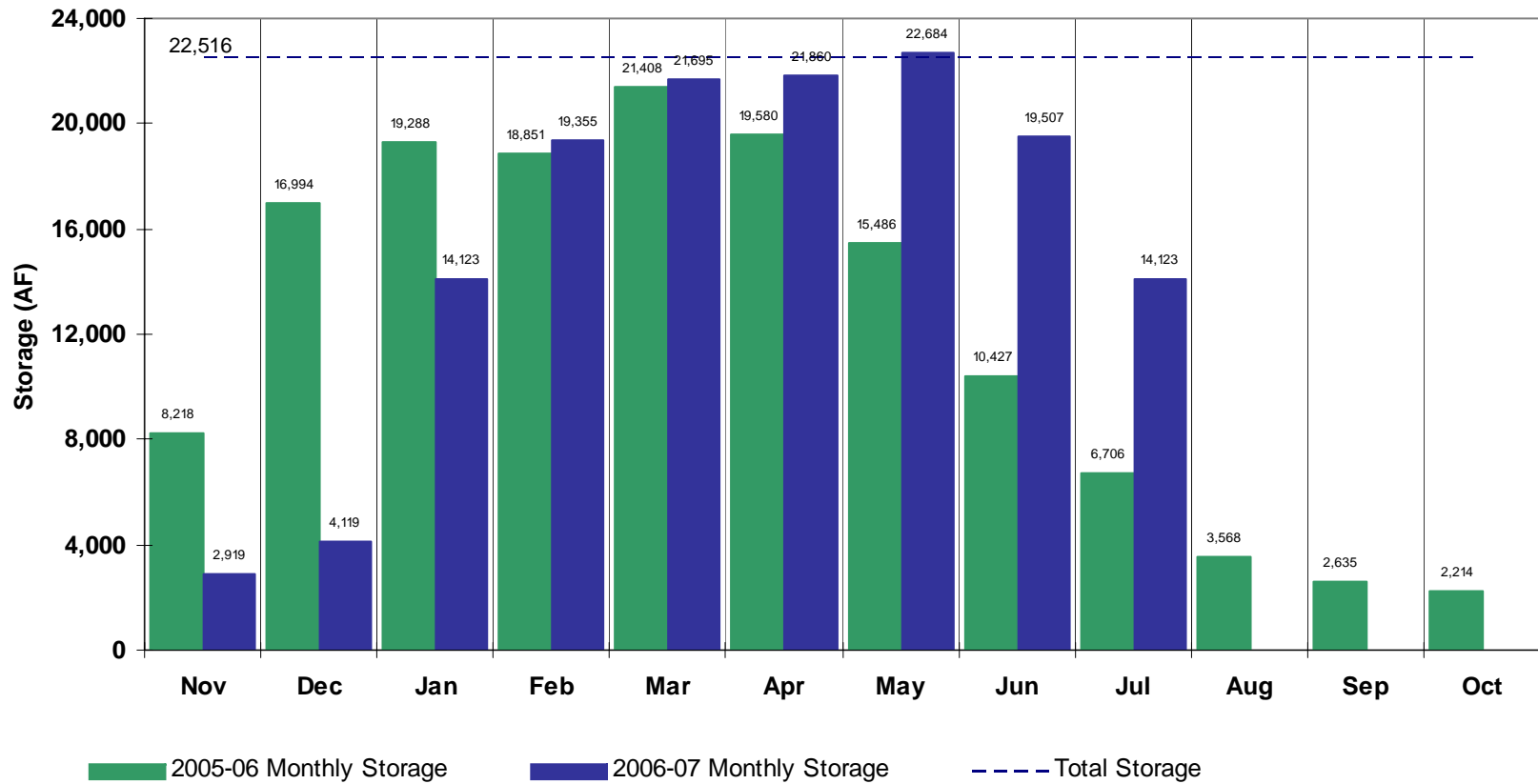
# Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)



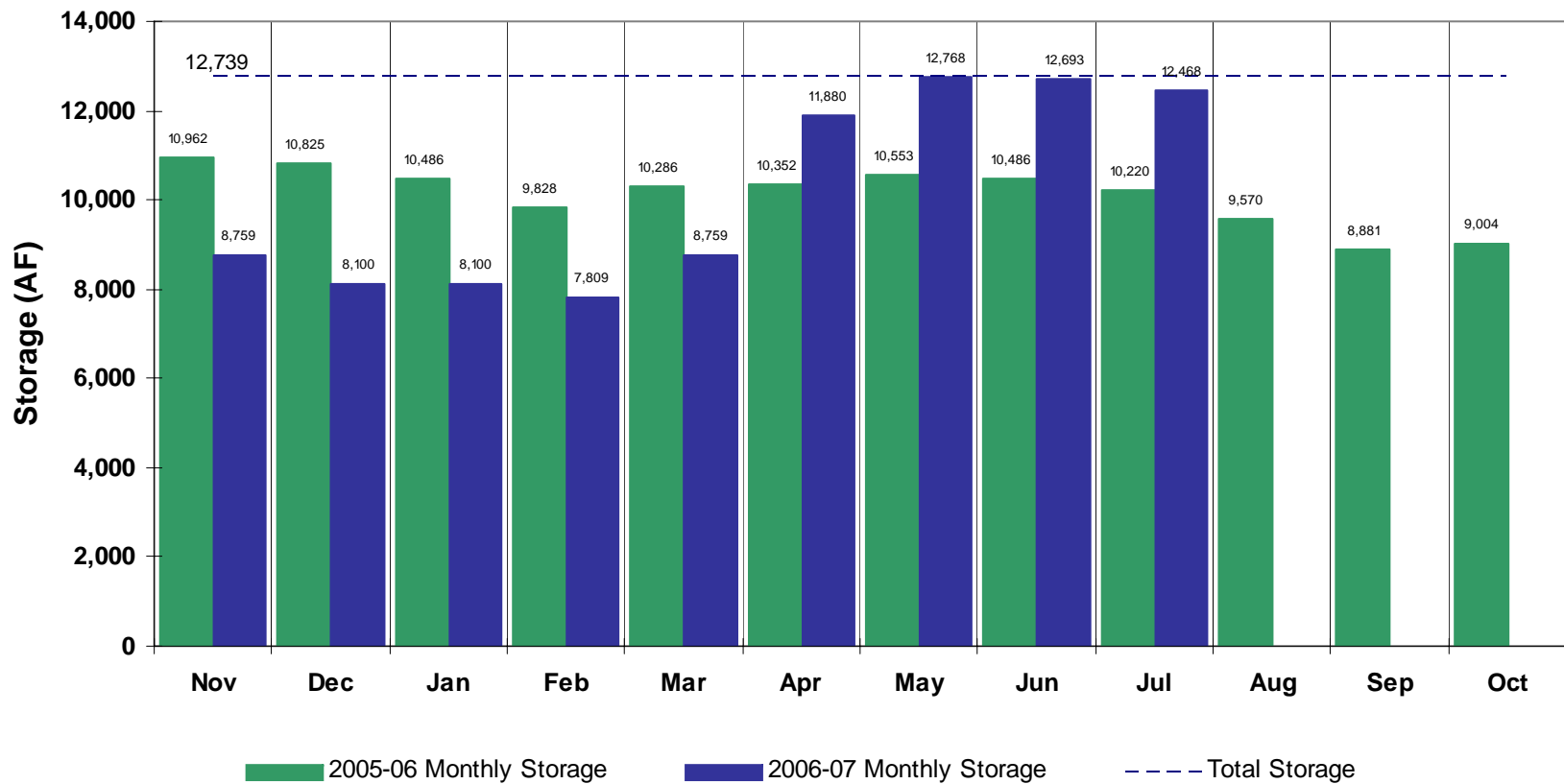
# Milton Reservoir

(District 2 - Agricultural)

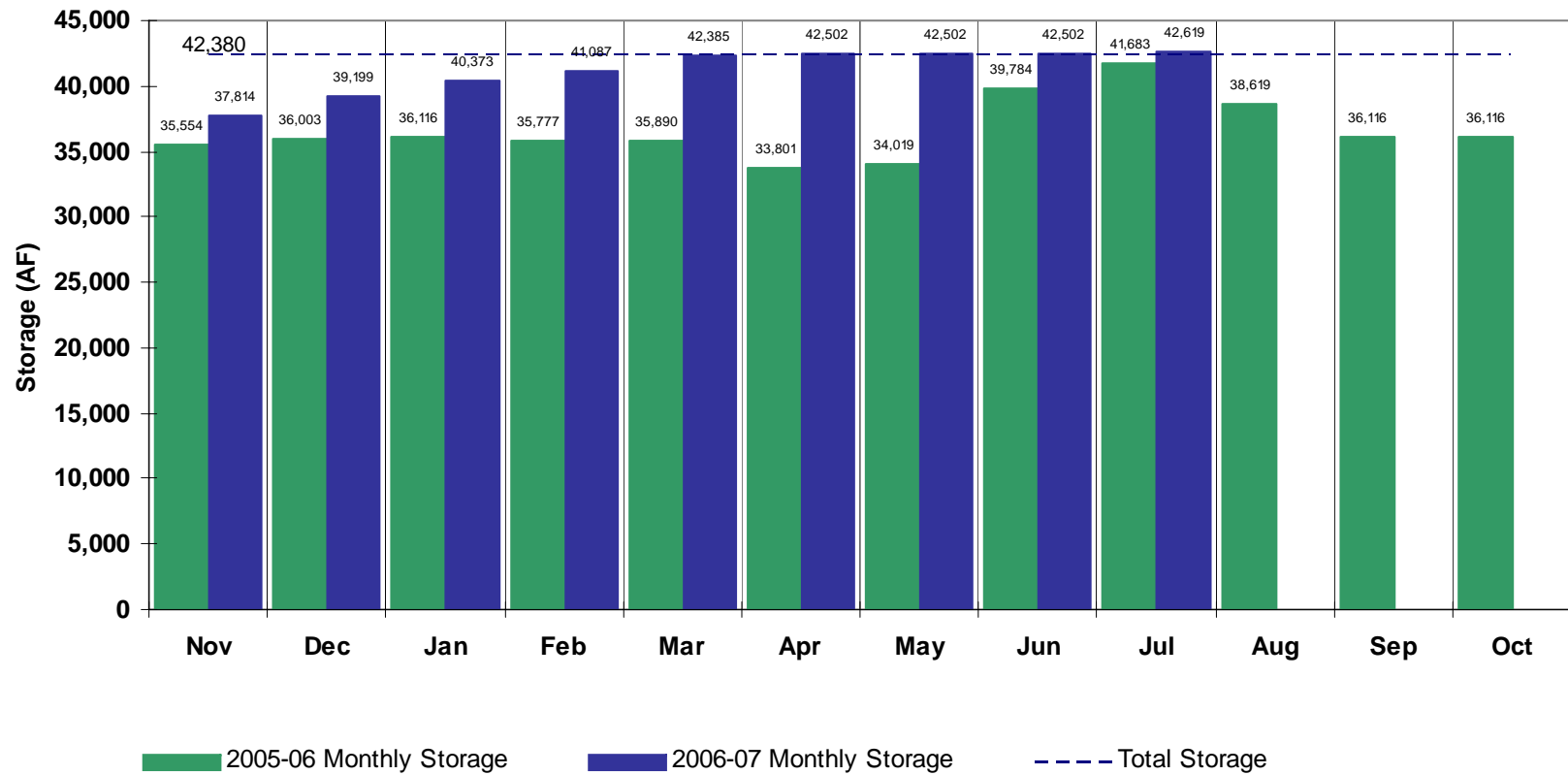


# Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

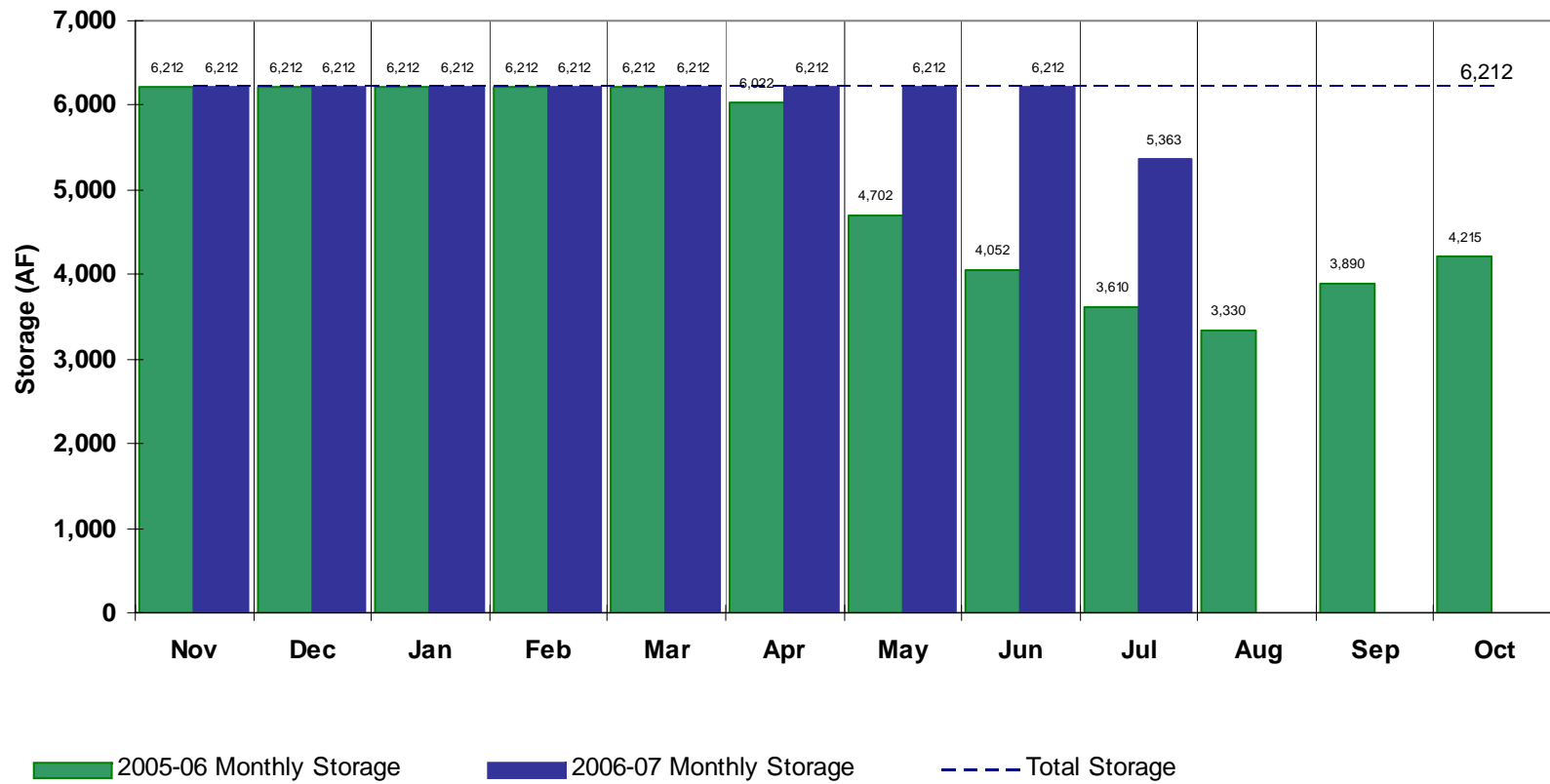


# Standley Lake (Agricultural)



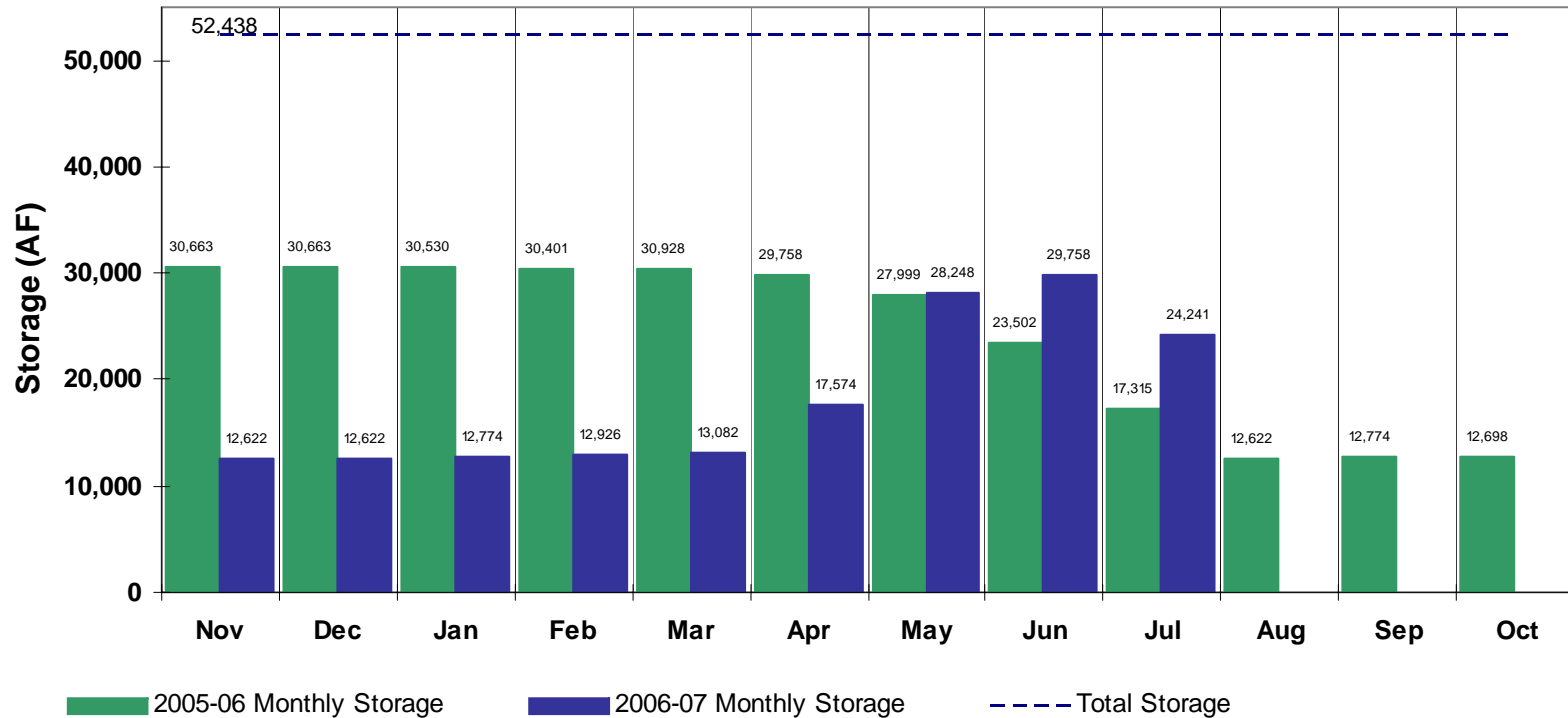
# Lower Latham Reservoir

(District 2 - Agricultural)



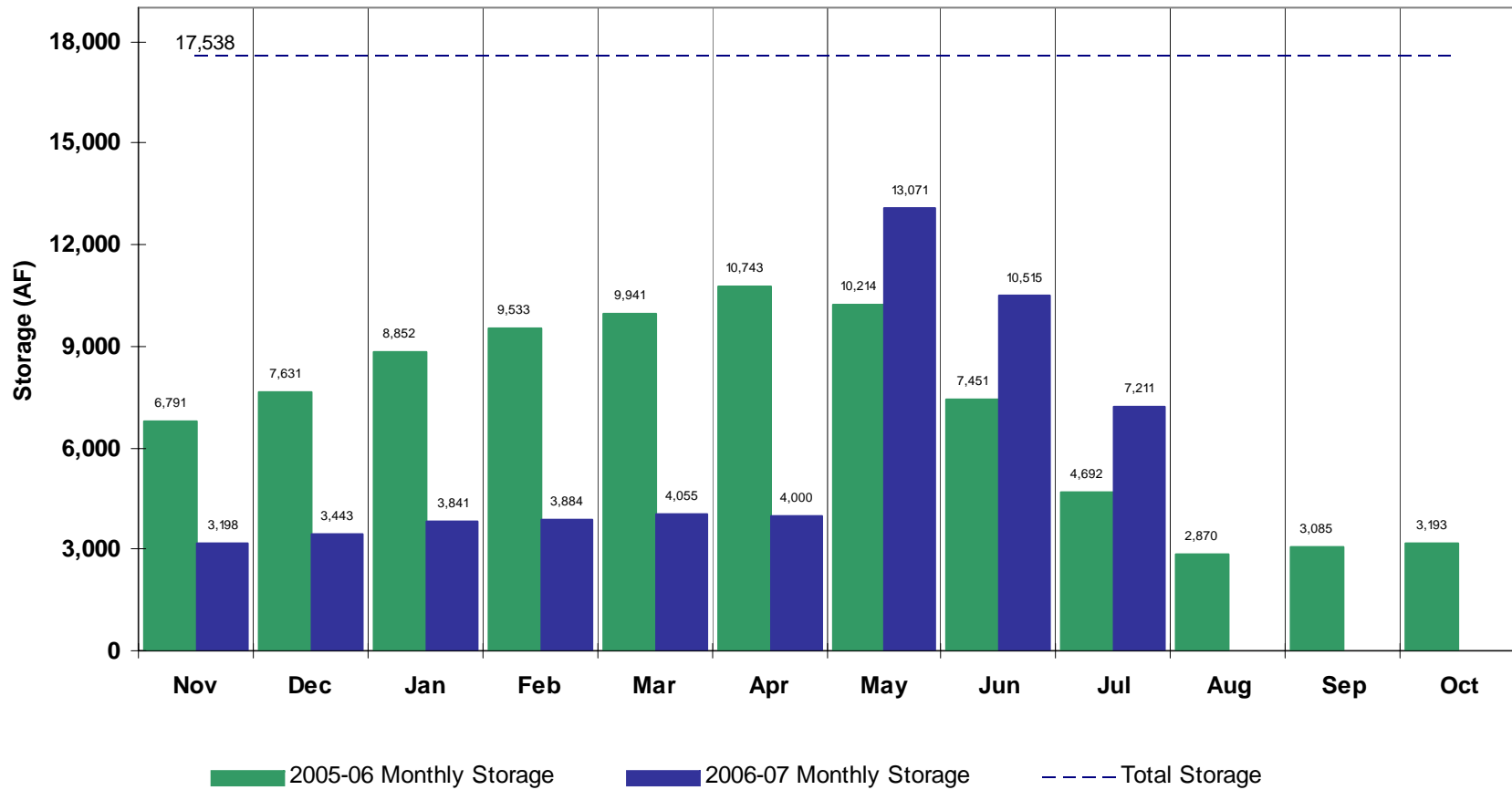
# Boyd Lake

(District 4, Big Thompson River - Agricultural)



# Windsor Reservoir

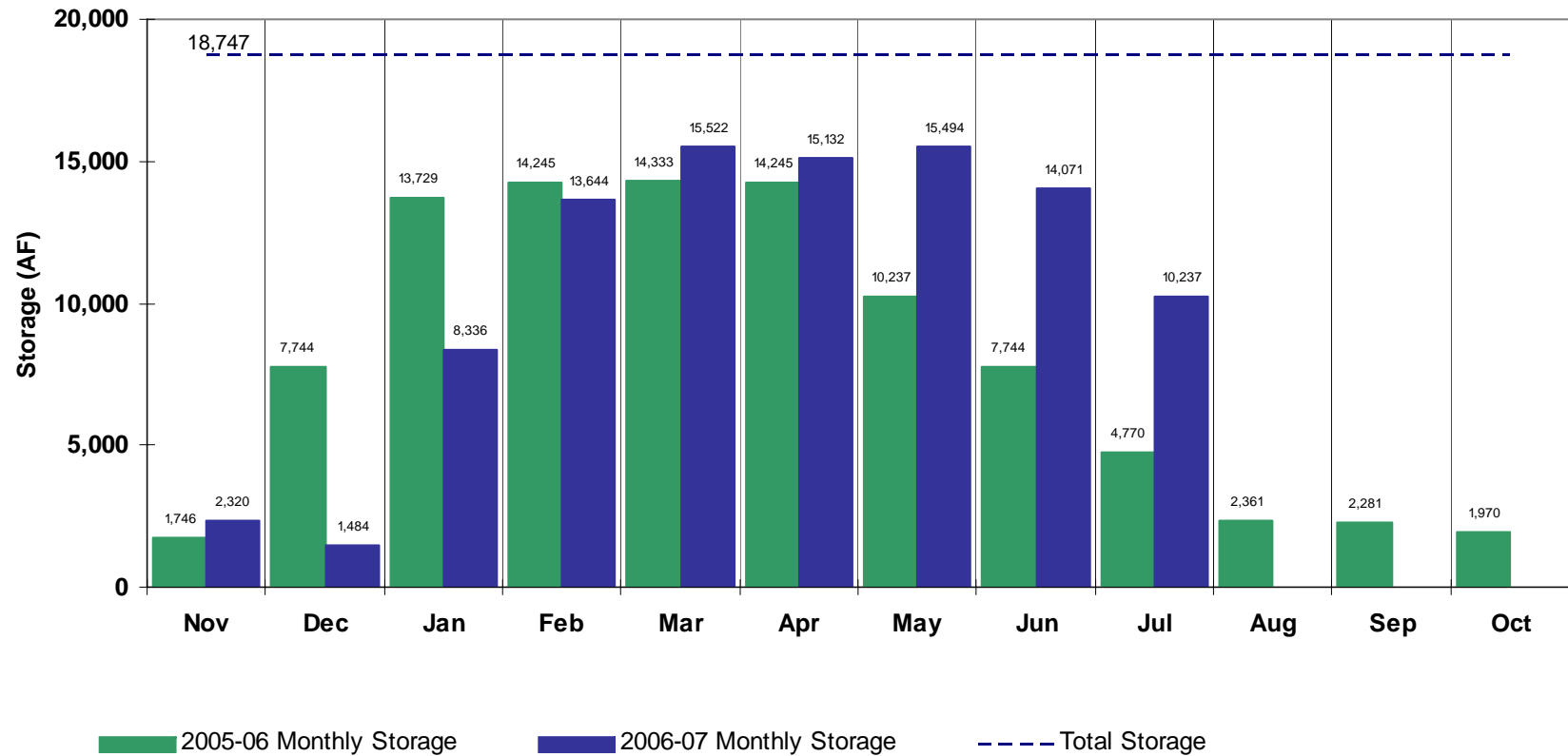
(District 3, Poudre River - Agricultural)





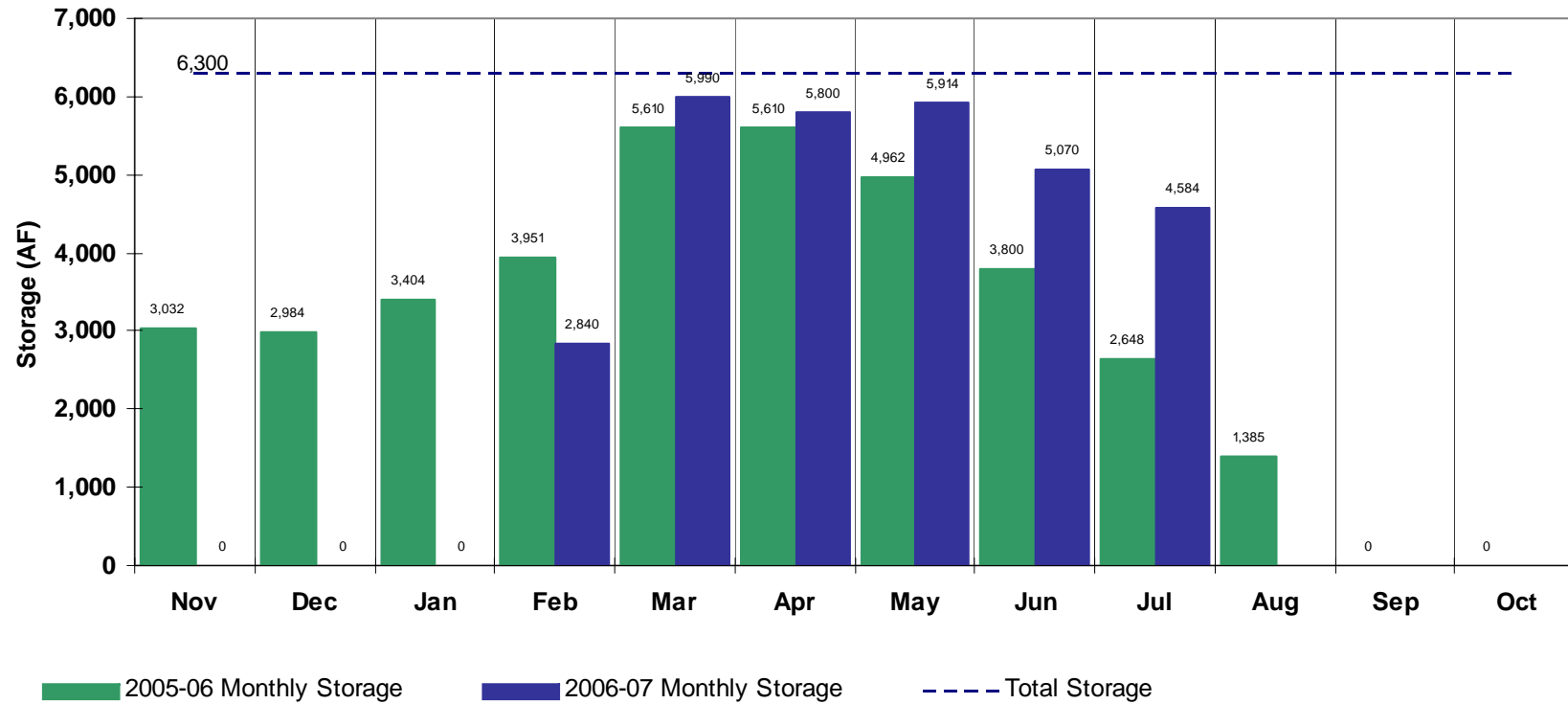
# Horse Creek Reservoir

(District 1 - Agricultural)



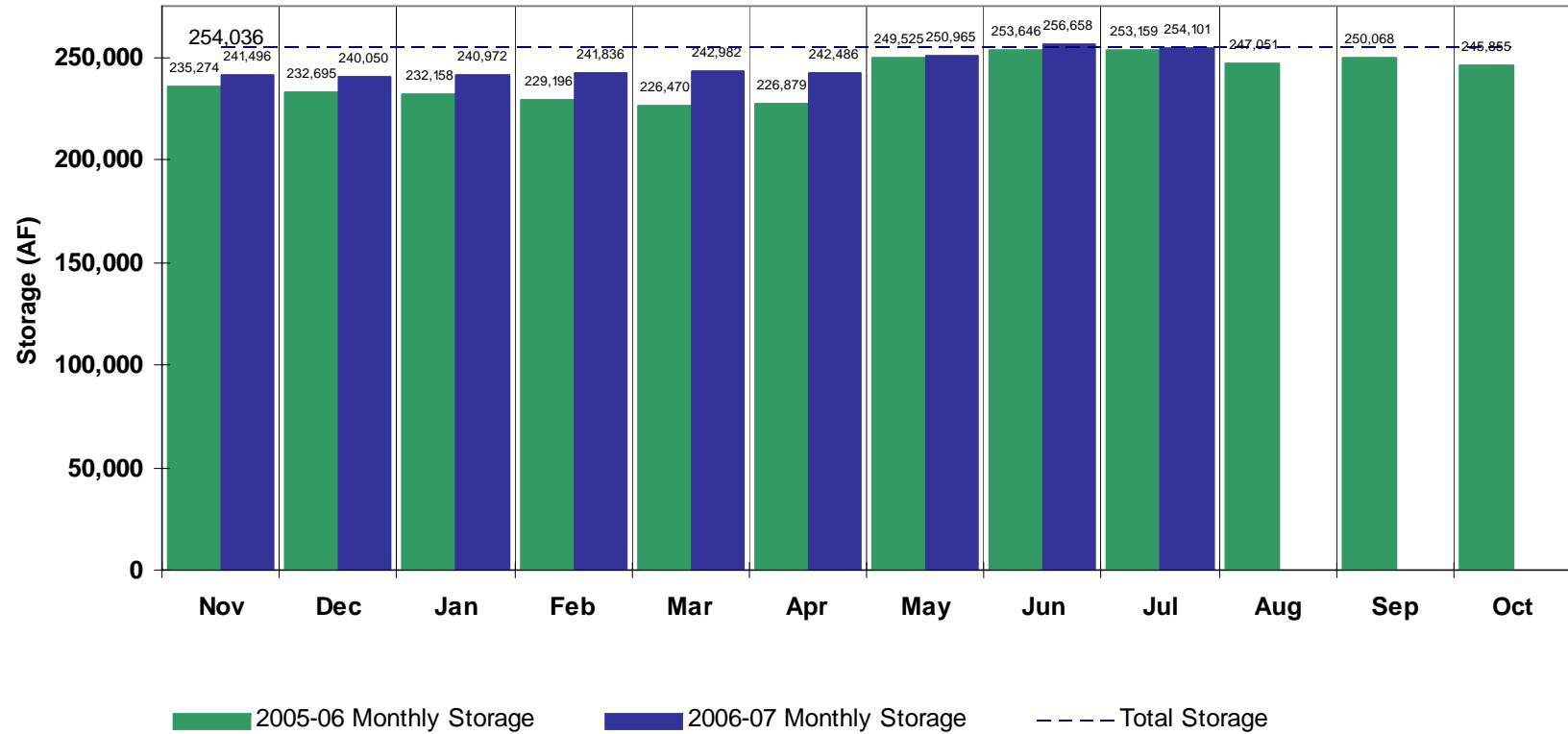
# Prospect Reservoir

(District 1- Agricultural)



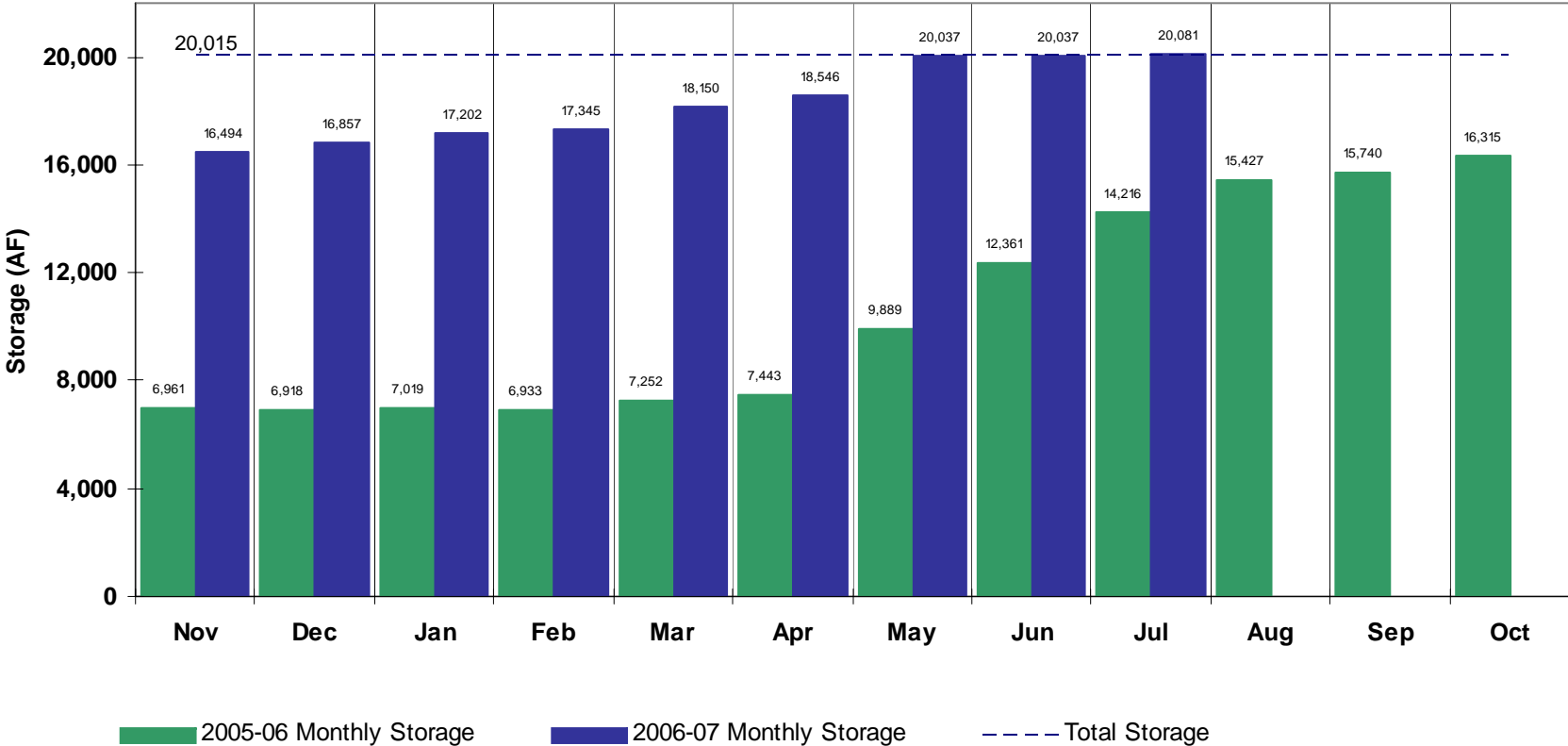
# Dillon Reservoir

## (Municipal)



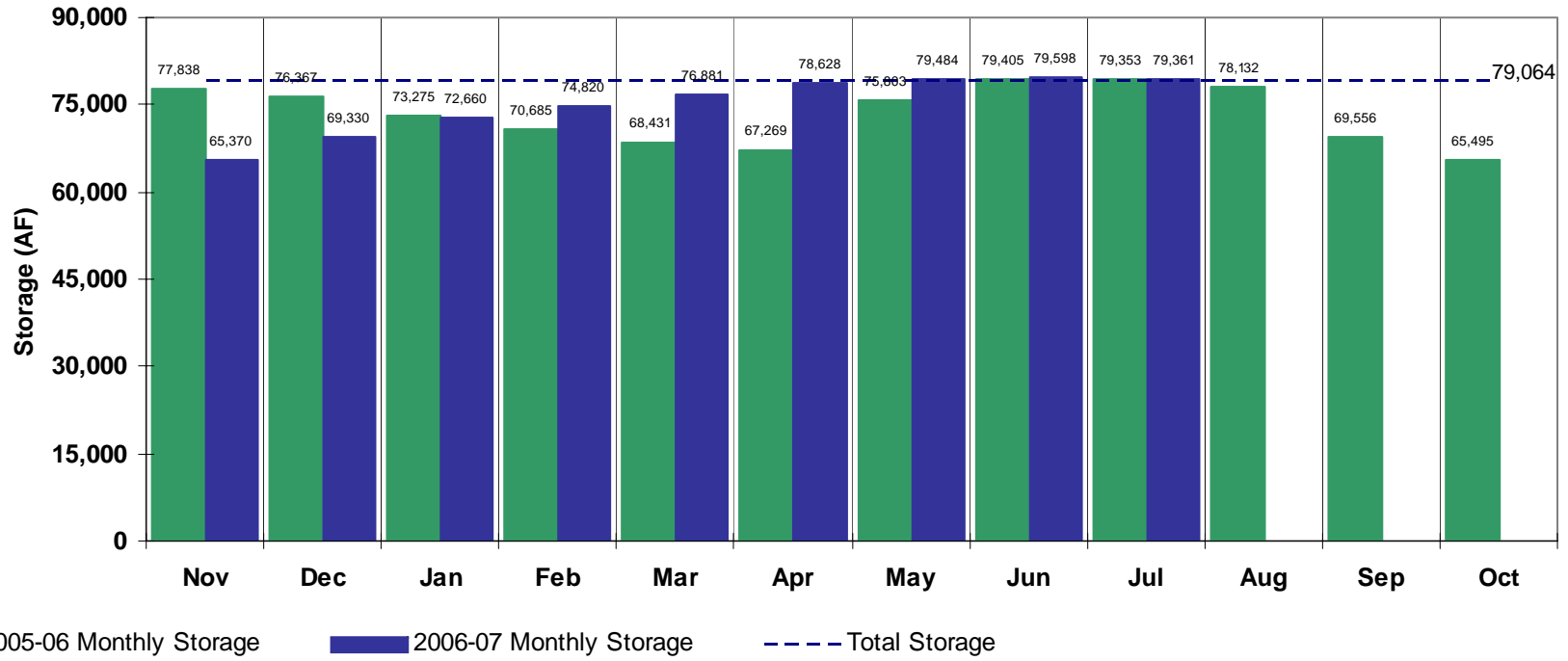
# Antero Reservoir

(District 23 - Municipal)



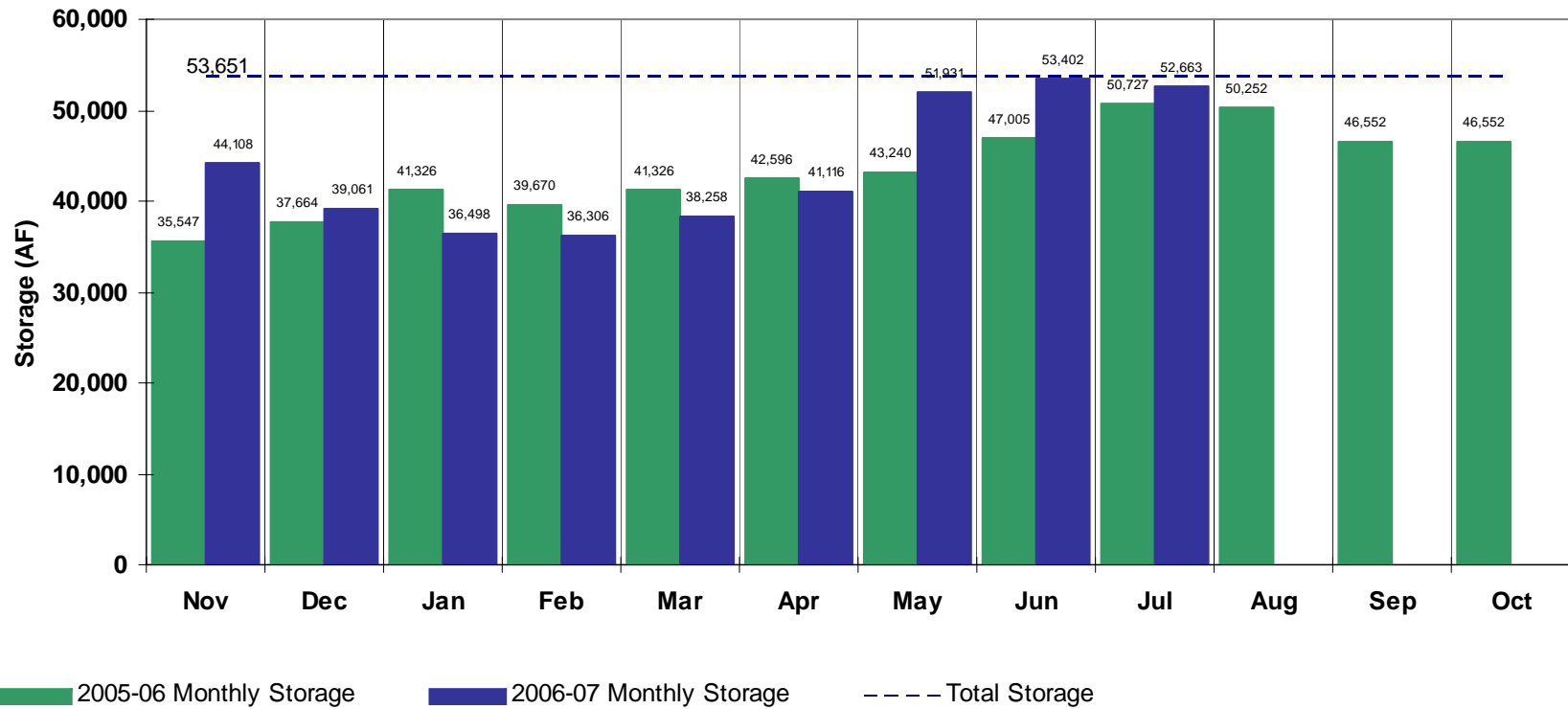
# Cheesman Reservoir

(District 80 - Municipal)



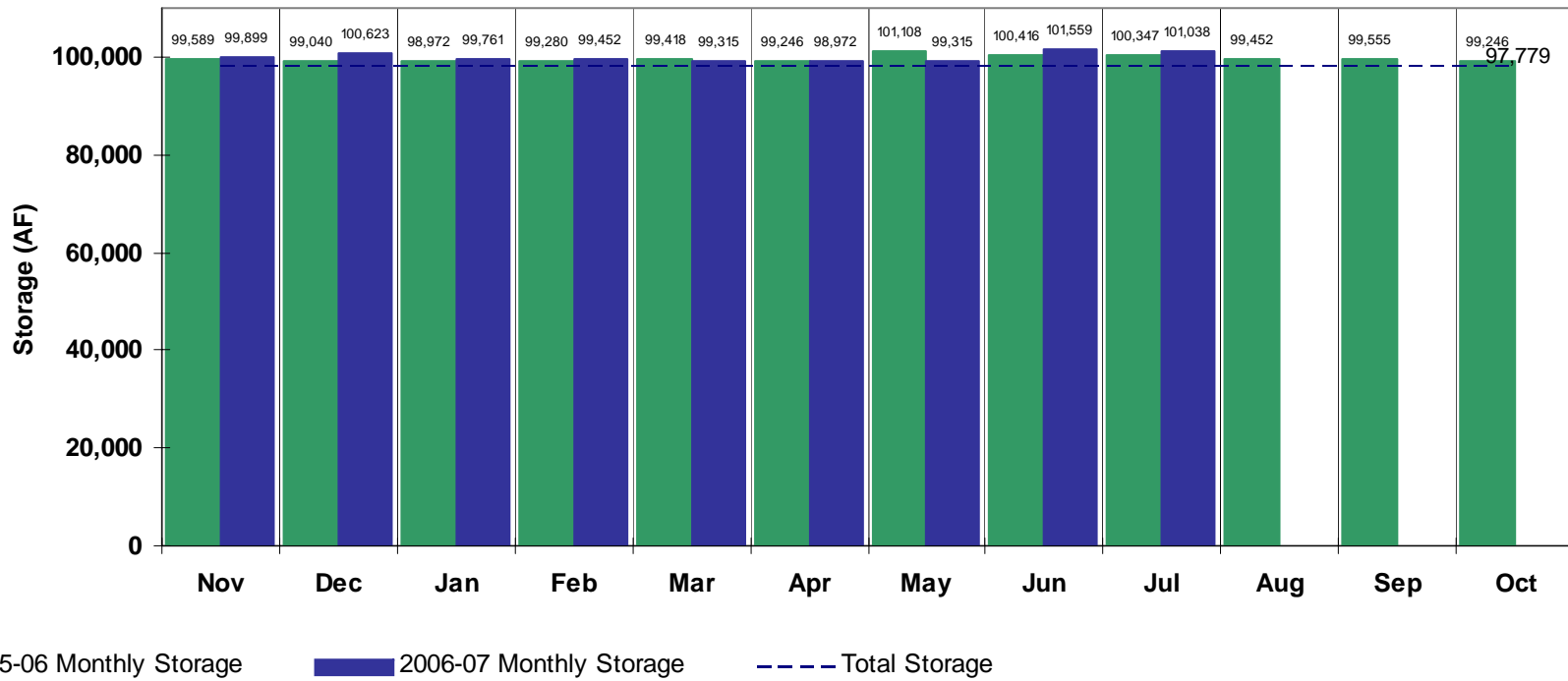
# Spinney Mountain Reservoir

(District 23 - Municipal)

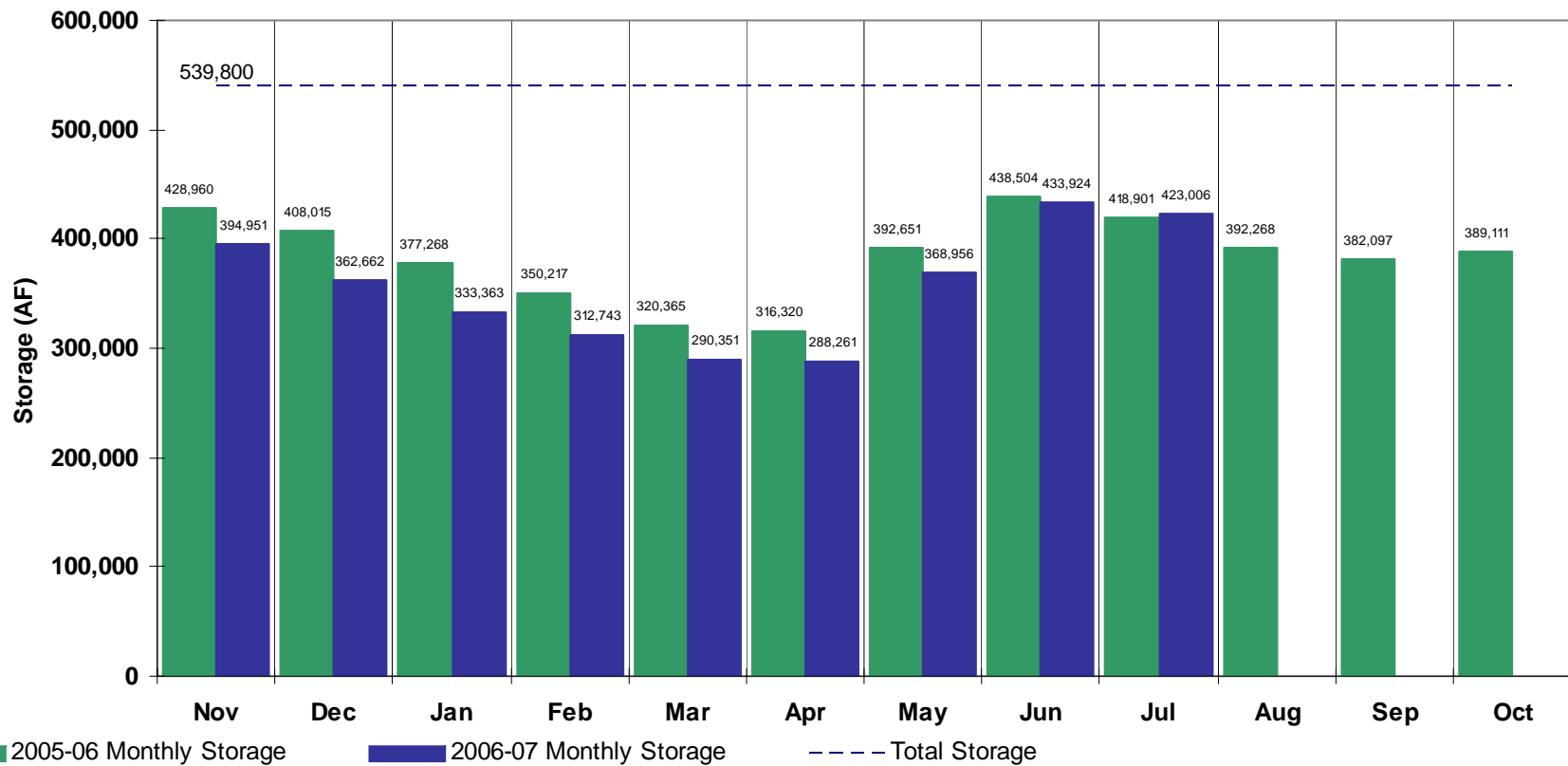


# Eleven Mile Reservoir

(District 23 - Municipal)



# Lake Granby





Shooting Levels at Antero

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

