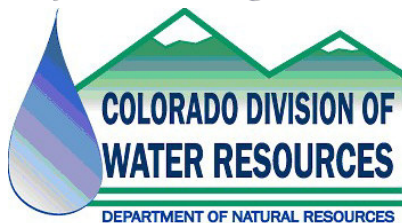




# South Platte Summary

## March 2006

By Claudia Engelmann



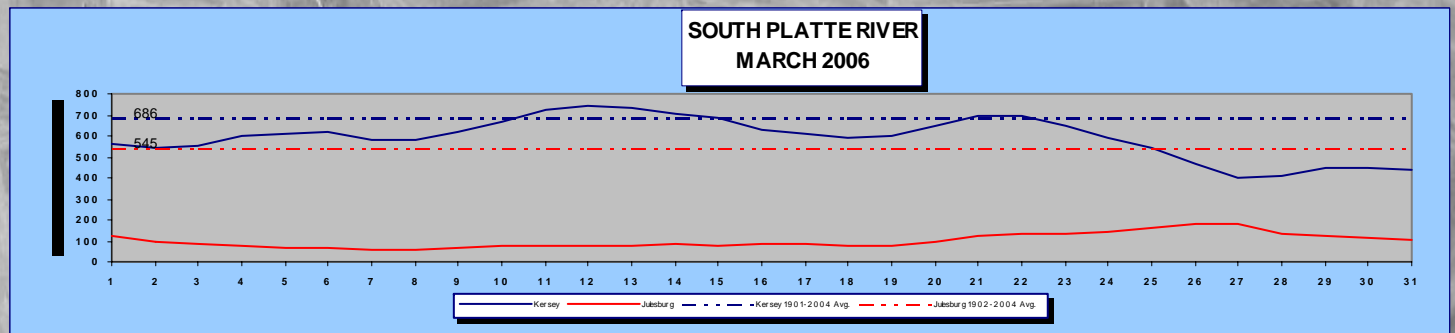
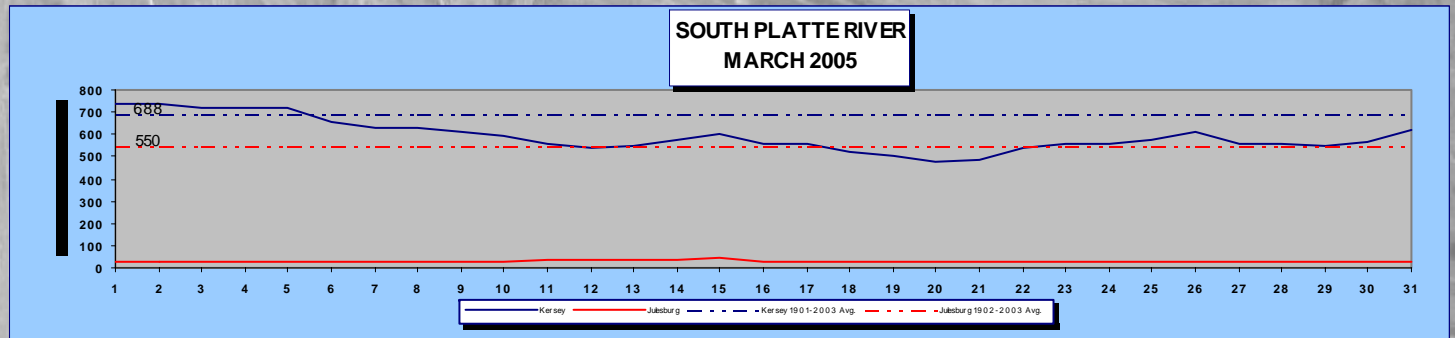
Mary's Lake

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

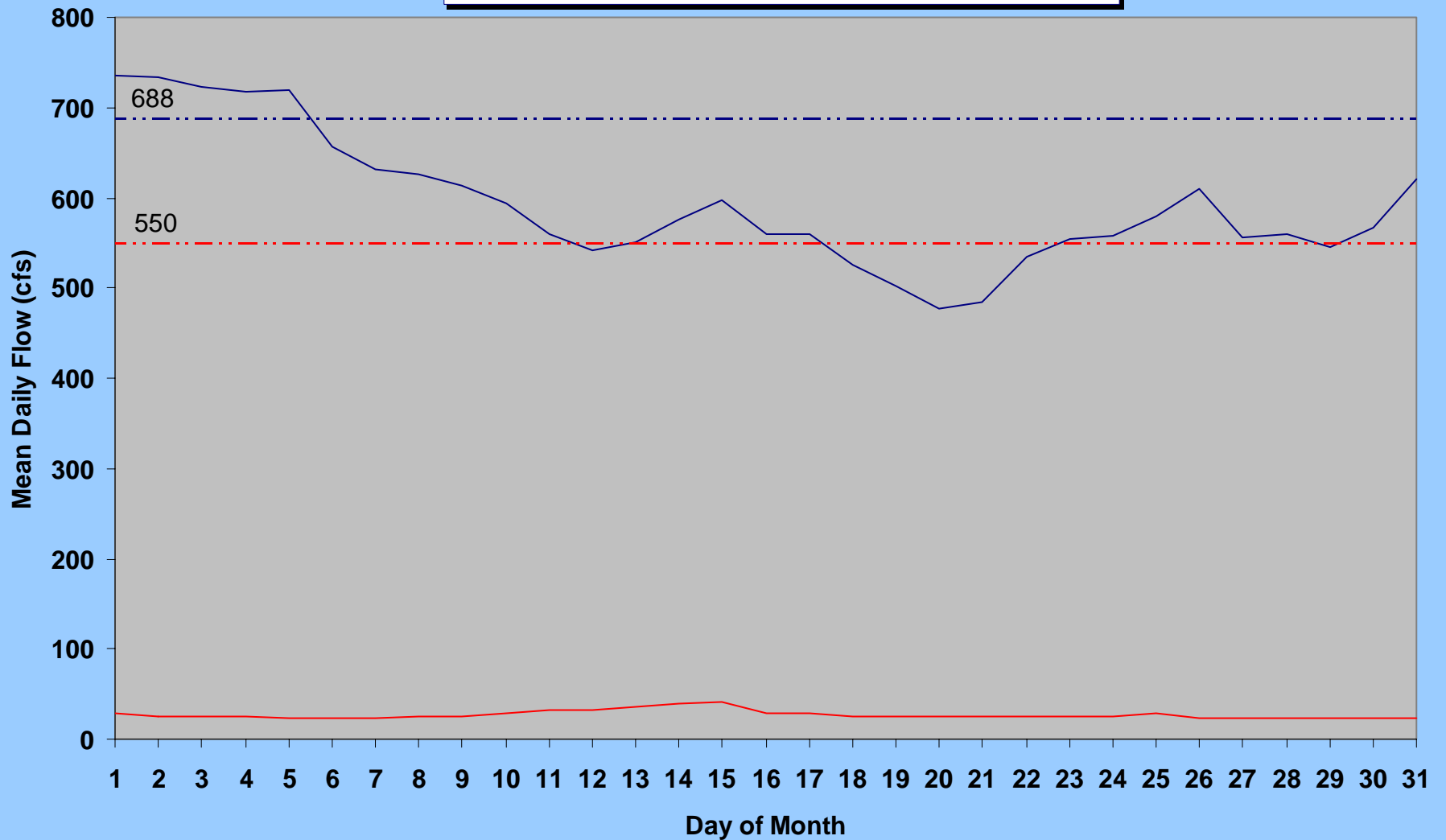
## MONTH OF MARCH 2006

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	19,655	22,666	64	3,011	15%	100%	100%	0
N STERLING	73,730	64,810	74,880	64	10,070	16%	100%	100%	1,150
PREWITT	28,500	27,310	26,540	64	-770	-3%	93%	100%	0
JACKSON	27,257	23,252	27,256	1	4,004	17%	100%	100%	0
EMPIRE	37,700	30,161	34,742	1	4,581	15%	92%	87%	0
RIVERSIDE	63,113	57,274	62,355	1	5,081	9%	99%	100%	0
BARR LAKE	31,652	28,888	29,613	2	725	3%	94%	96%	0
CHEESMAN	79,064	70,685	68,431	80	-2,254	-3%	87%	87%	0
ELEVEN MILE	97,779	99,280	99,418	23	138	0%	100%	100%	1,639
SPINNEY	53,651	39,670	41,326	23	1,656	4%	77%	43%	0
ANTERO	20,015	6,933	7,252	23	319	5%	36%	6%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>592</b>
<b>JULESBURG</b>	<b>100</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>593</b>
<b>JULESBURG</b>	<b>27</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>686</b>
<b>JULESBURG</b>	<b>545</b>
* 1901-2004	
1902-2004	

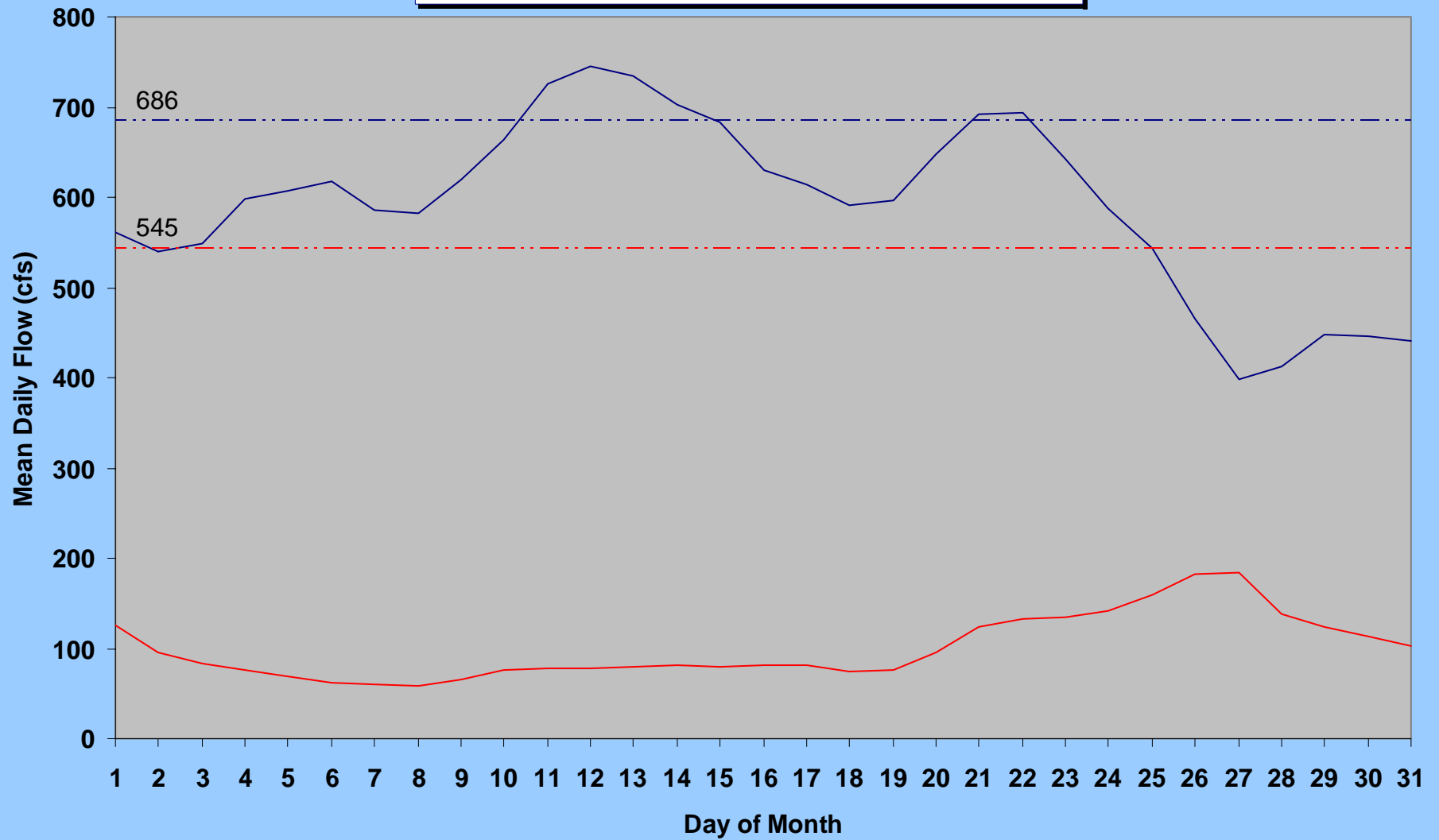


# SOUTH PLATTE RIVER MARCH 2005



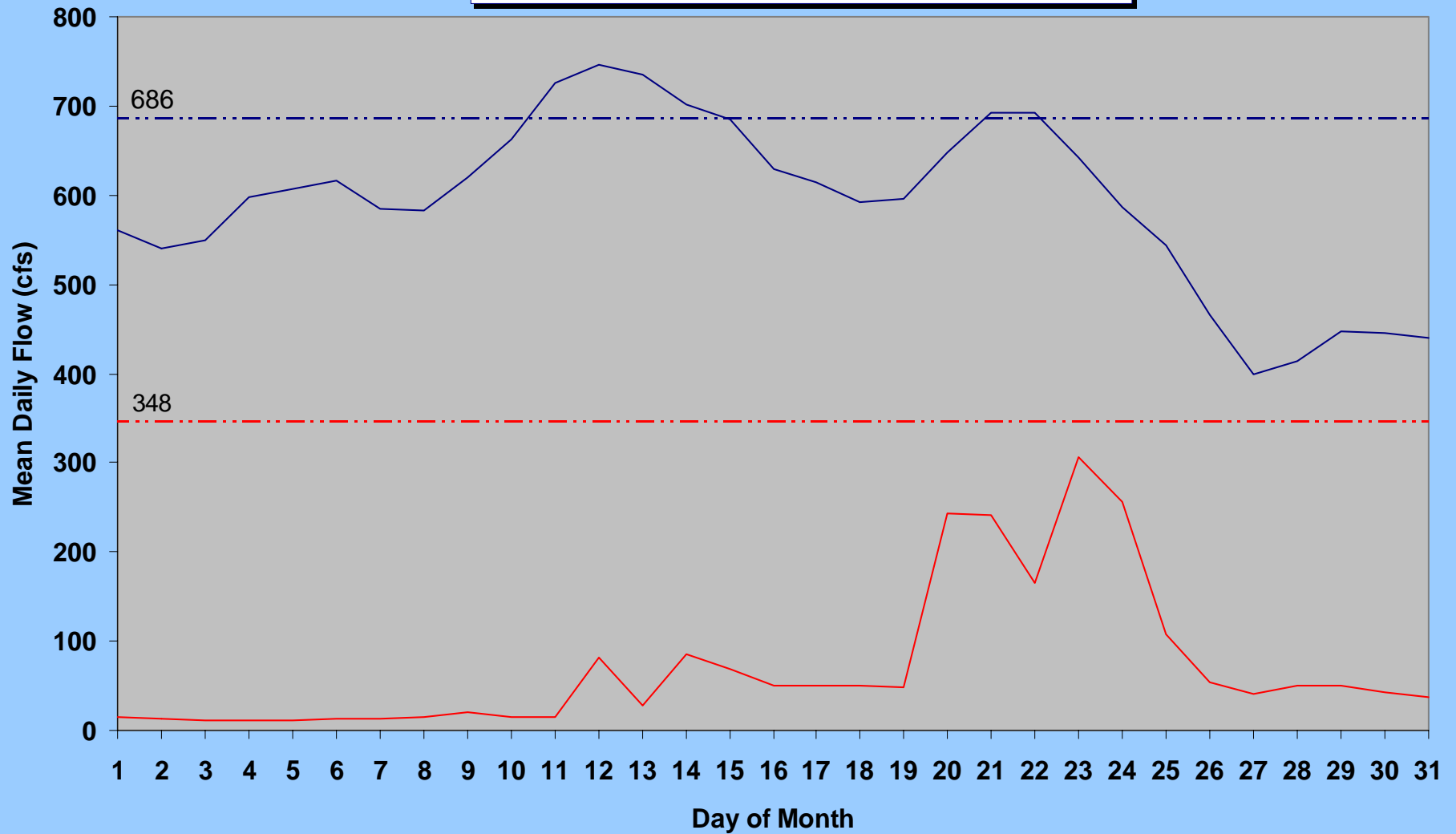
— Kersey — Julesburg - - - Kersey 1901-2003 Avg. - - - Julesburg 1902-2003 Avg.

# SOUTH PLATTE RIVER MARCH 2006



— Kersey — Julesburg - - - Kersey 1901-2004 Avg. - - - Julesburg 1902-2004 Avg.

# KERSEY and BALZAC MARCH 2006



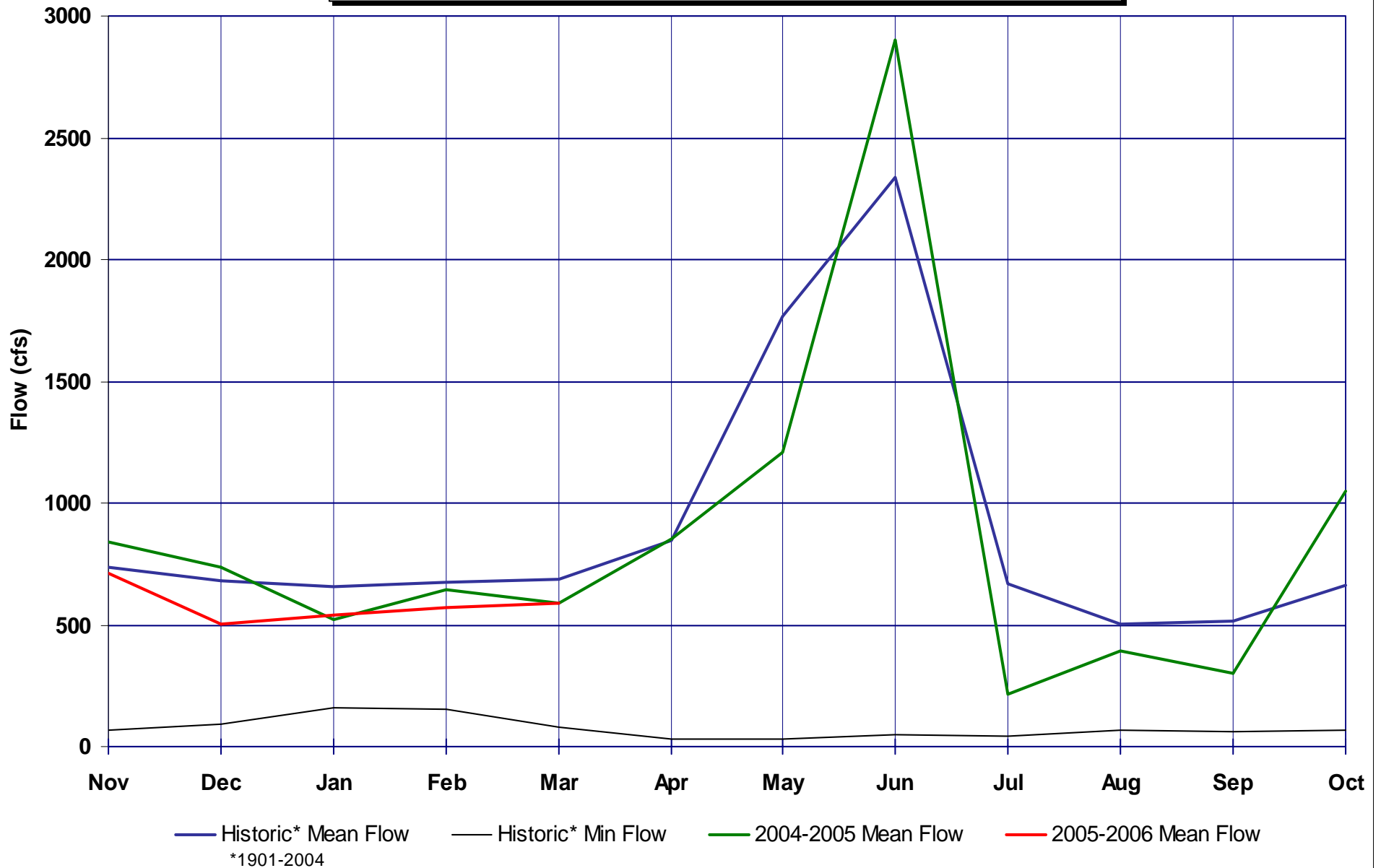
— Kersey — Balzac - - - - Kersey 1901-2004 Avg. - - - - Balzac 1917-2004 Avg.

## 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 2006 Mean Monthly Flow	Month	Historic* Mean Flow	Historic* Max Flow	Year	Historic* Min Flow	Year	IY 2006 Mean Monthly Flow
Nov	737	3650	1984	70	1934	709	Nov	346	2900	1984	4.2	1903	71
Dec	684	1890	1961	91	1934	502	Dec	408	1820	1984	13	2002	165
Jan	656	2160	1974	158	1935	537	Jan	526	2510	1970	21	2003	98
Feb	673	3060	1914	152	1935	569	Feb	604	3220	1930	22	2004	115
Mar	686	3470	1983	80	1935	592	Mar	545	12900	1910	15	1904	100
Apr	849	18100	1942	28	1955		Apr	540	14400	1942	4.0	1904	
May	1766	26100	1973	29	1955		May	1043	18100	1973	12	1911	
Jun	2336	31000	1921	52	1954		Jun	1459	30800	1921	2.0	1910	
Jul	670	12600	1983	44	1955		Jul	300	12600	1983	0.0	1903	
Aug	506	9690	1951	65	1934		Aug	184	8920	1968	0.0	1903	
Sep	517	14200	1938	62	1940		Sep	245	7130	1938	2.0	1902	
Oct	662	6180	1984	66	1954		Oct	308	3130	1984	4.2	1903	
*Period of record 1901-2004							*Period of record 1902-2004						

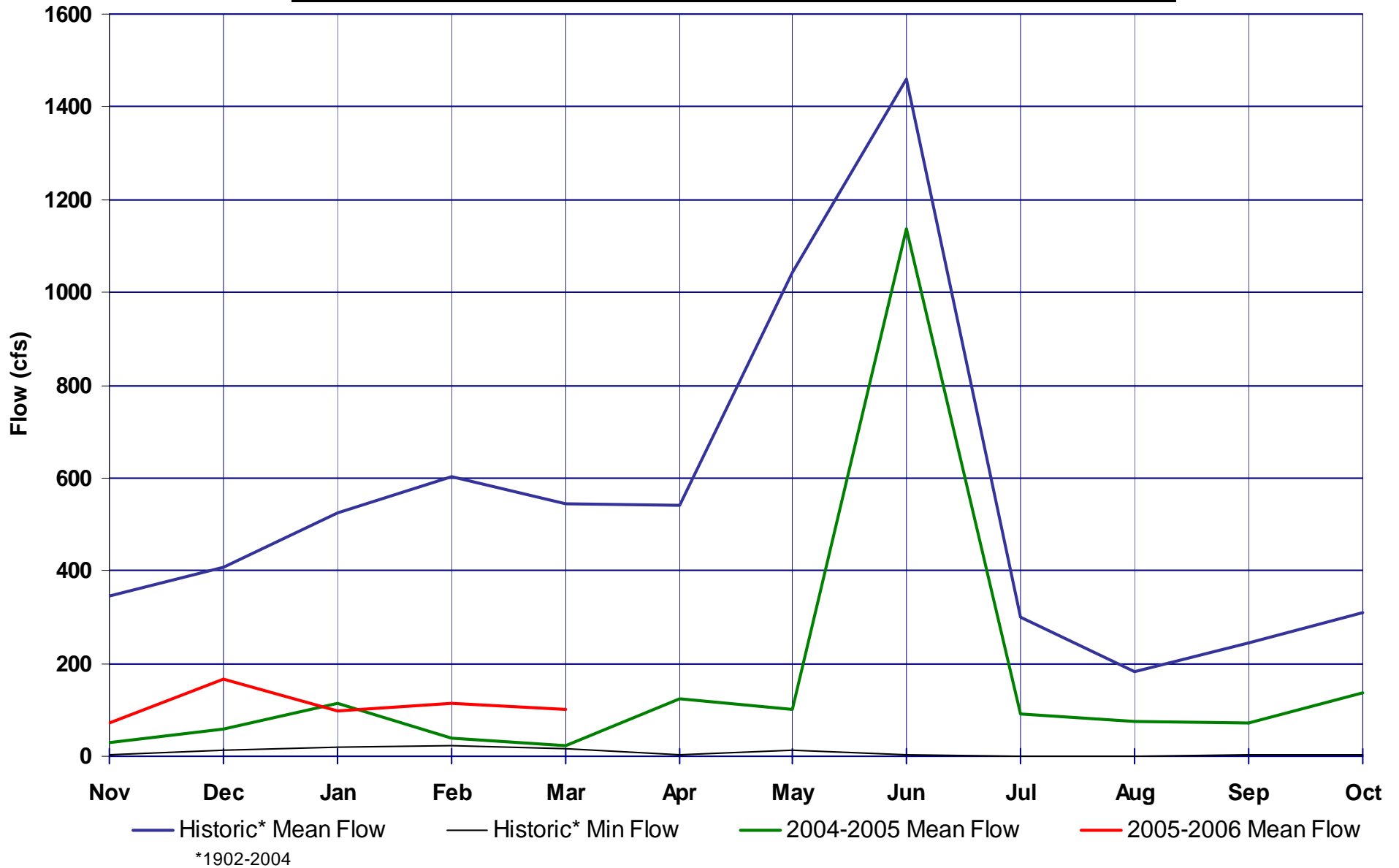
# South Platte River at Kersey

Irrigation Water Year




# South Platte River at Julesburg

Irrigation Water Year





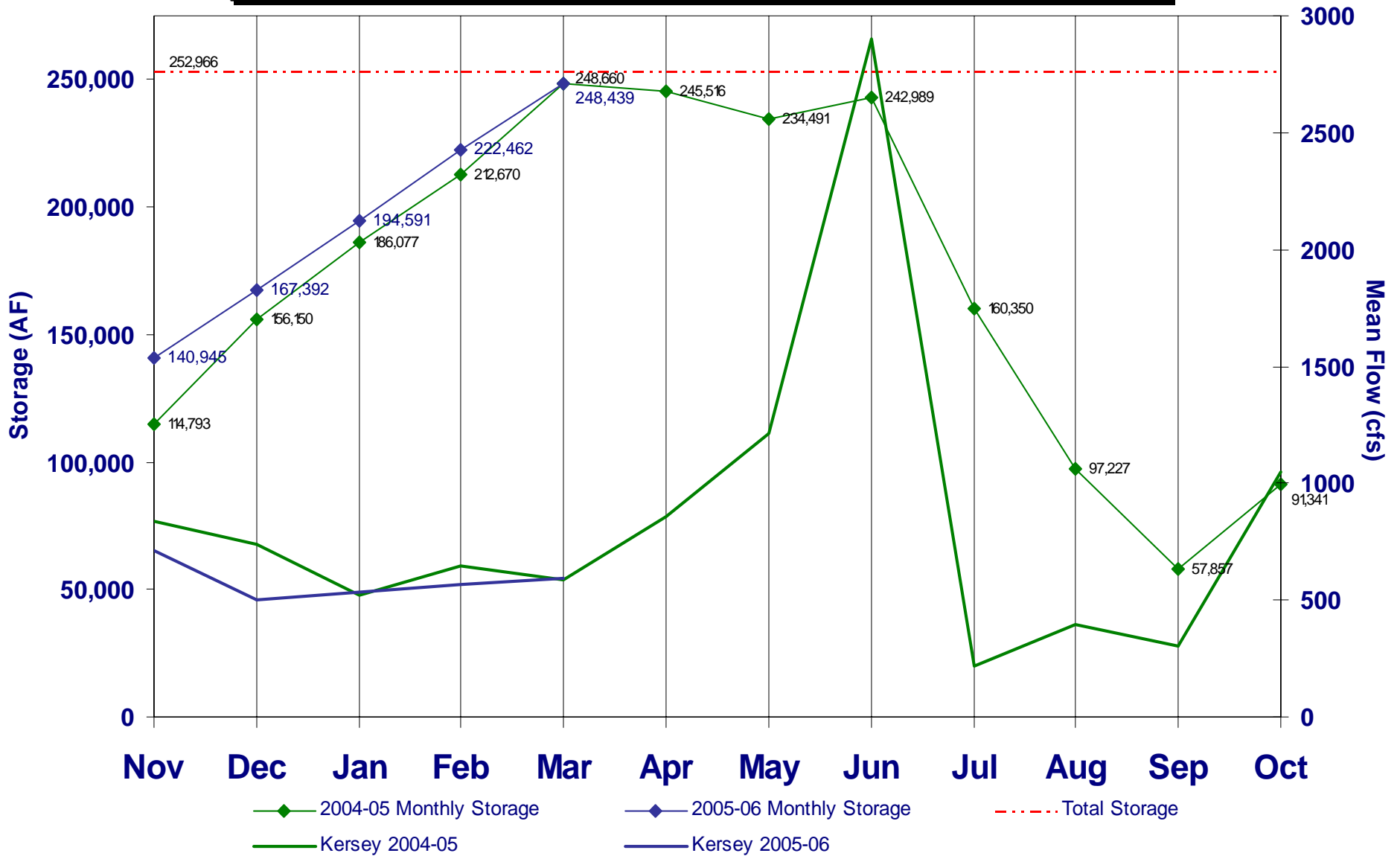
A large, white, curved structure, possibly a reservoir or storage tank, with a blue sky and clouds in the background. The structure has a series of small, dark, rectangular openings along its length. The sky is a clear blue with some light, wispy clouds. The overall scene is bright and clear.

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

**(photo by Jana Ash)**

# Reservoir Storage below Kersey

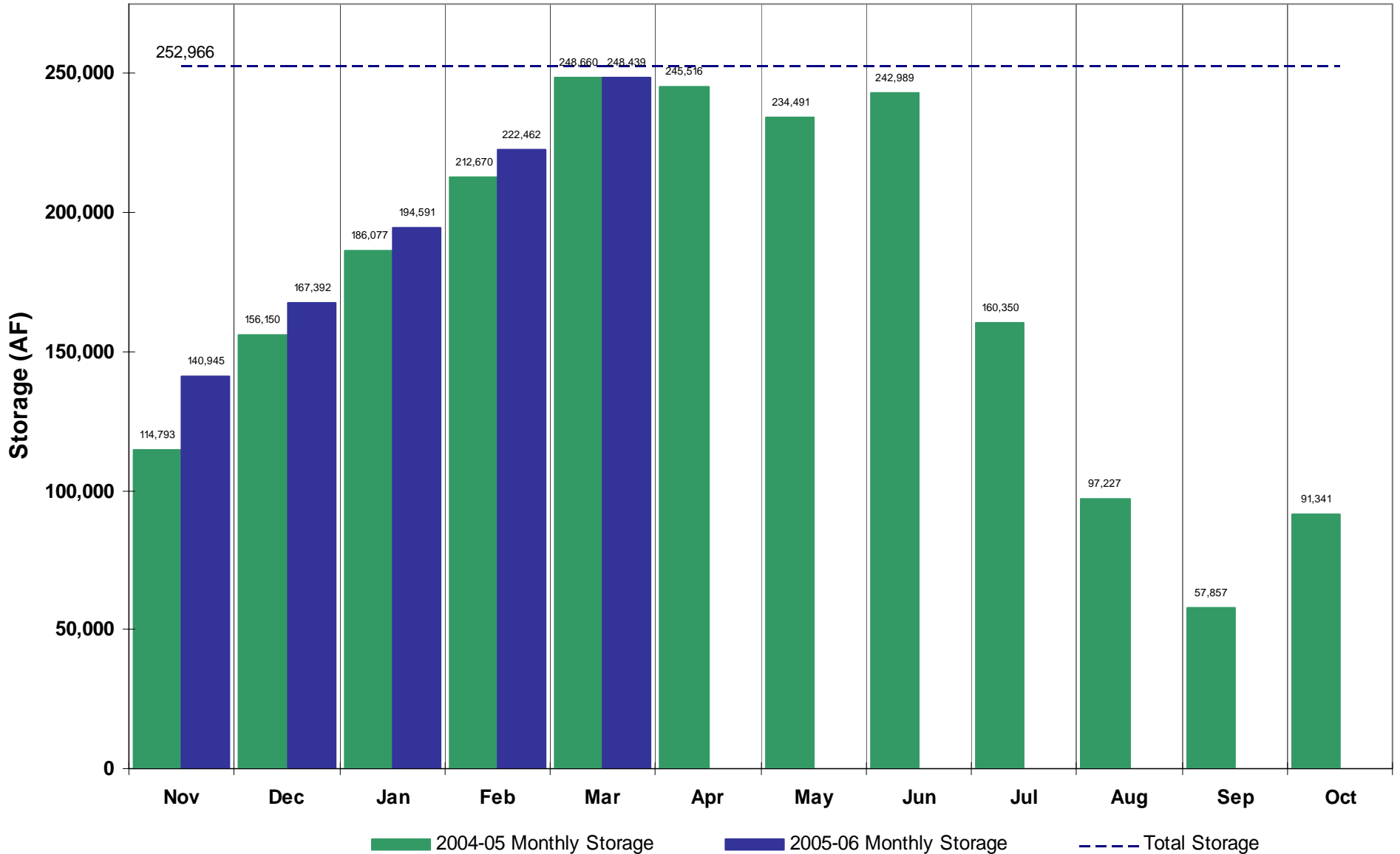
Selected Reservoirs\*



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

# South Platte Reservoirs

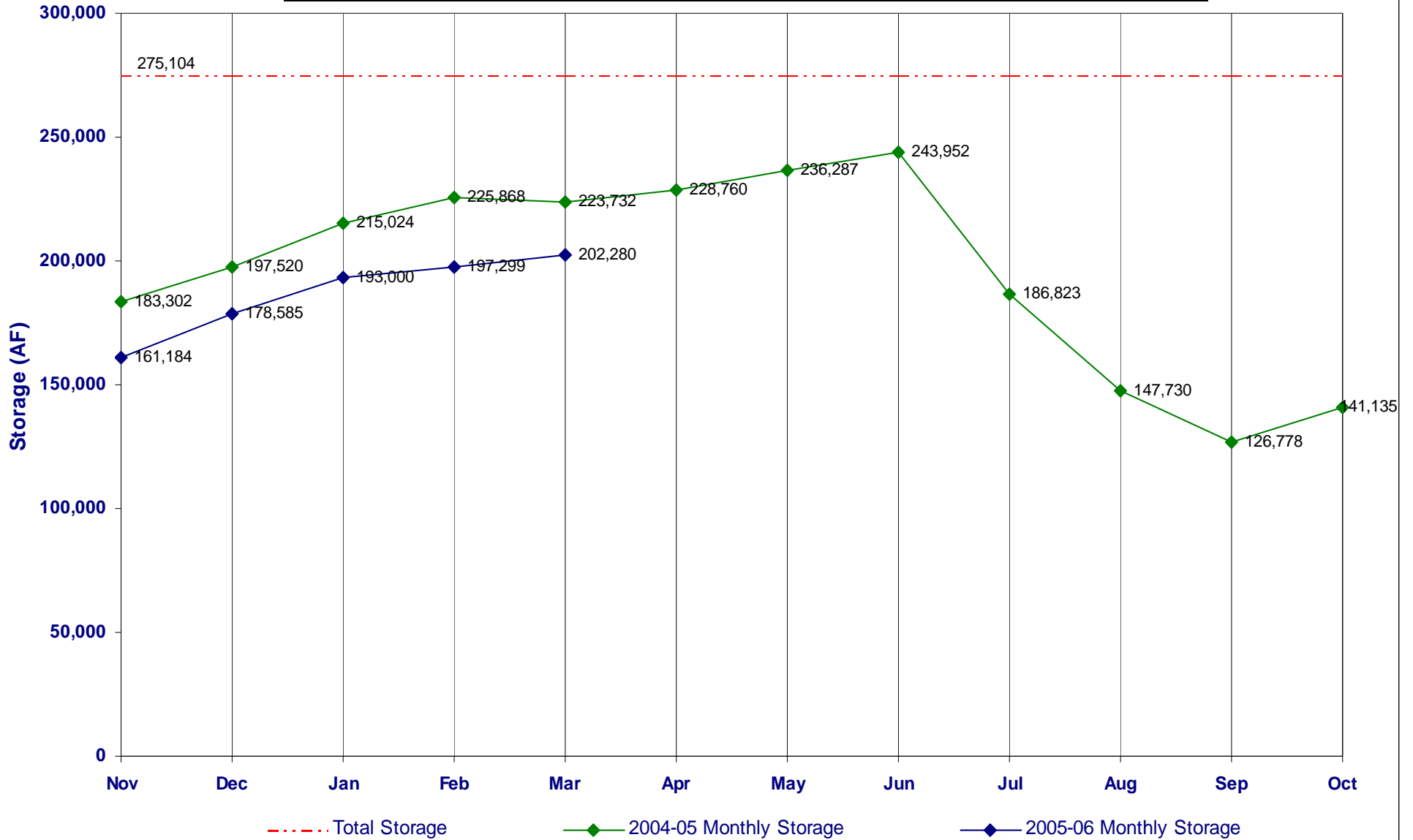
## Storage below Kersey\*



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

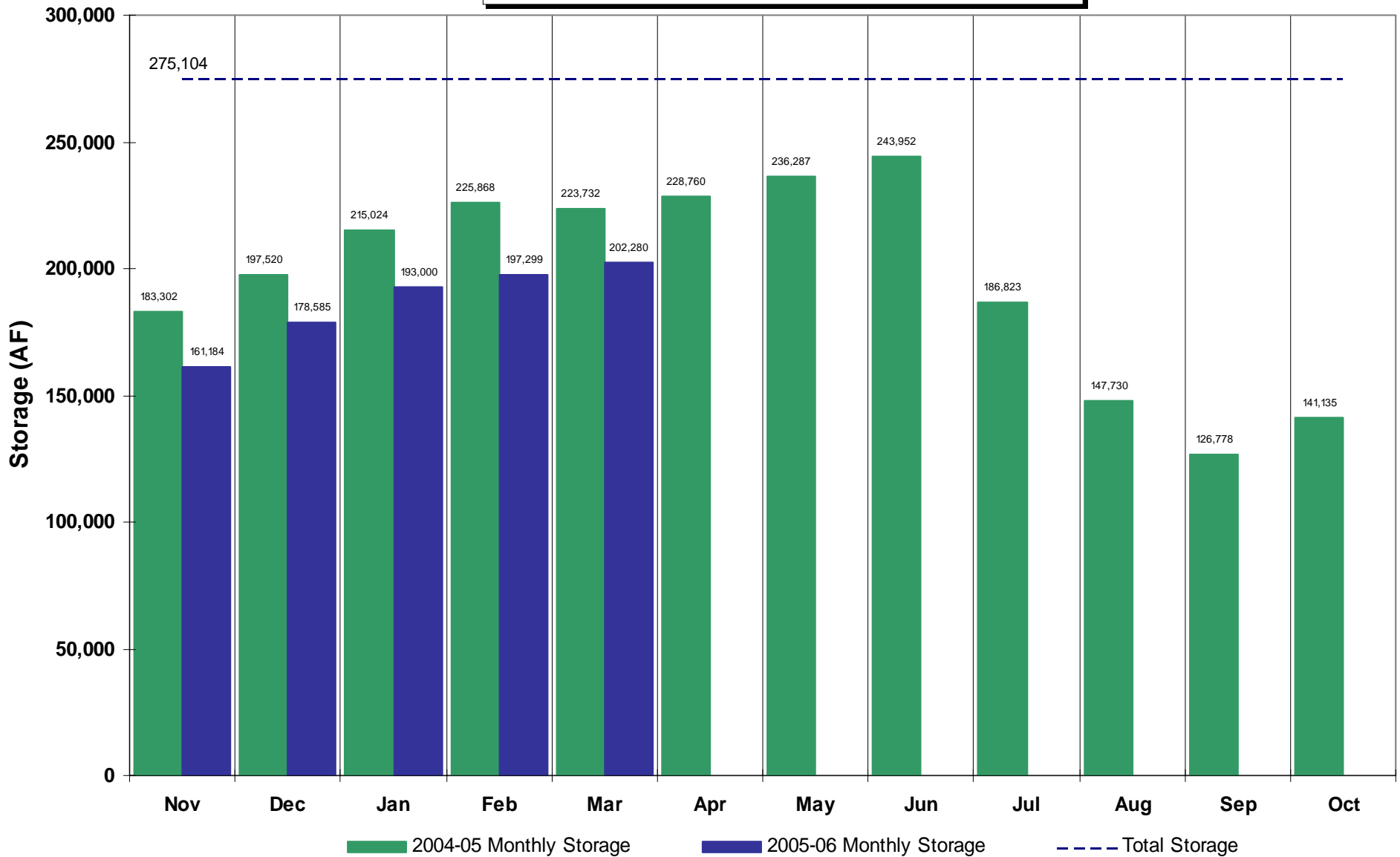
# Reservoir Storage above Kersey

Selected Reservoirs\*

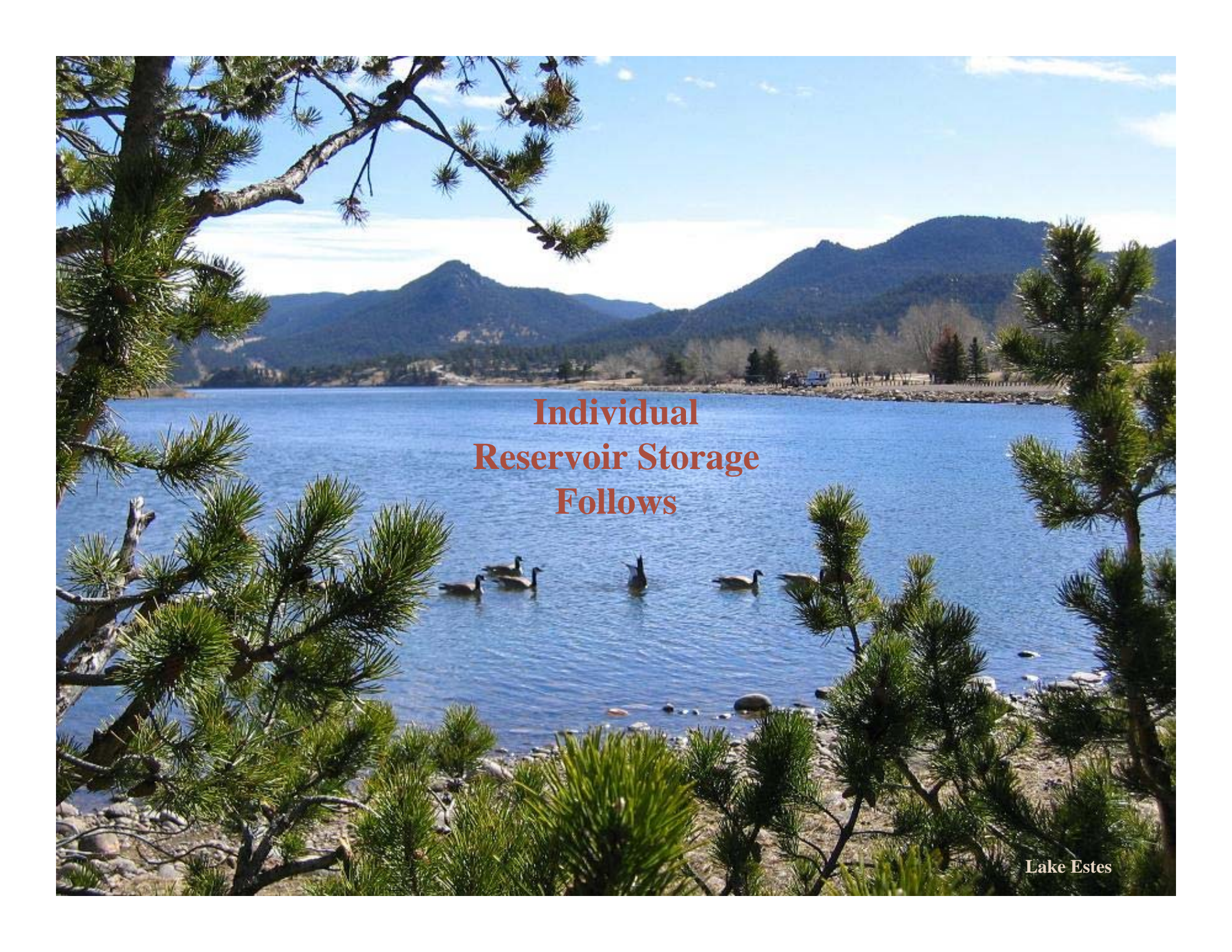


\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

# South Platte Reservoirs Storage above Kersey\*



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

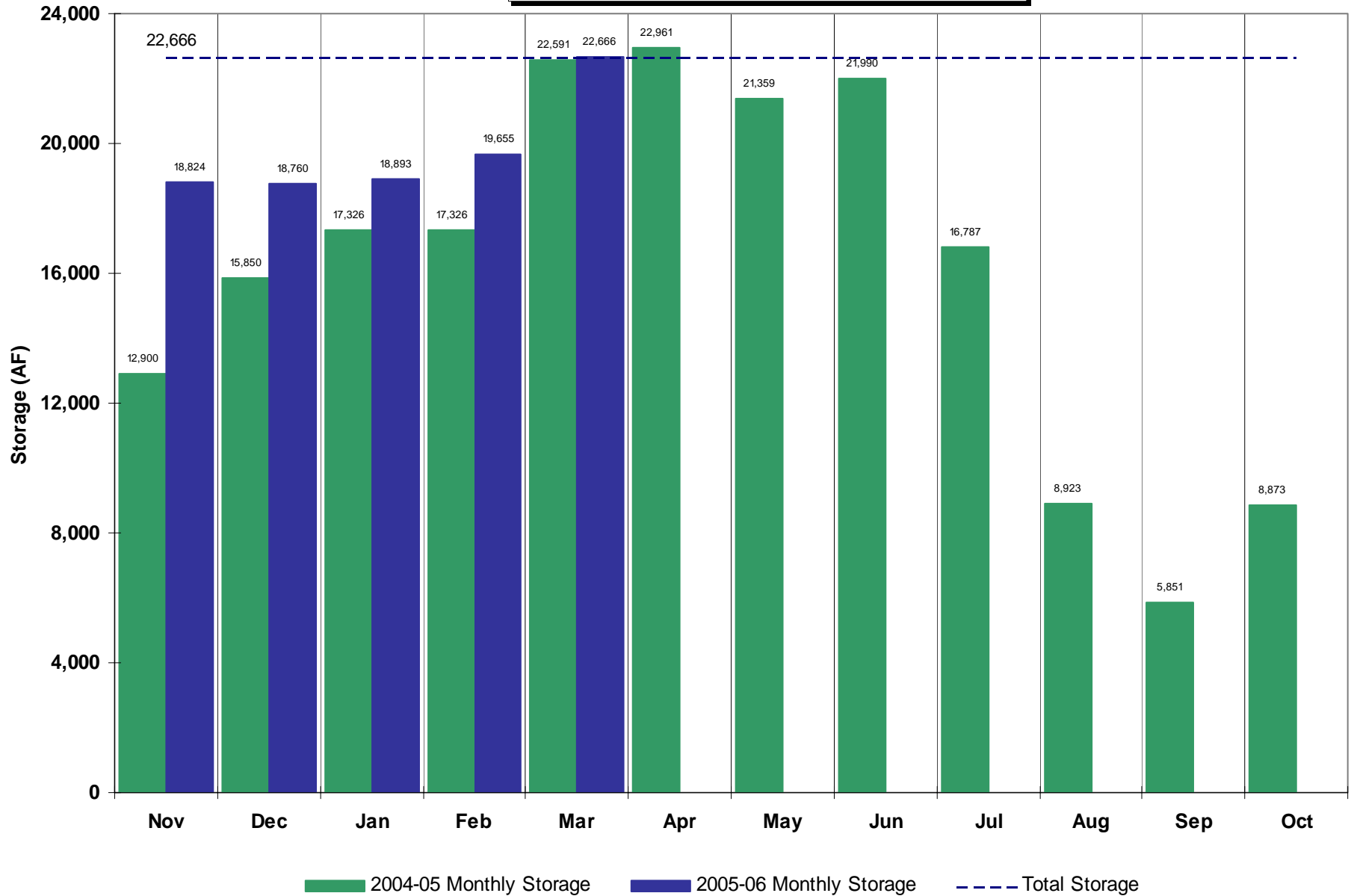


**Individual  
Reservoir Storage  
Follows**

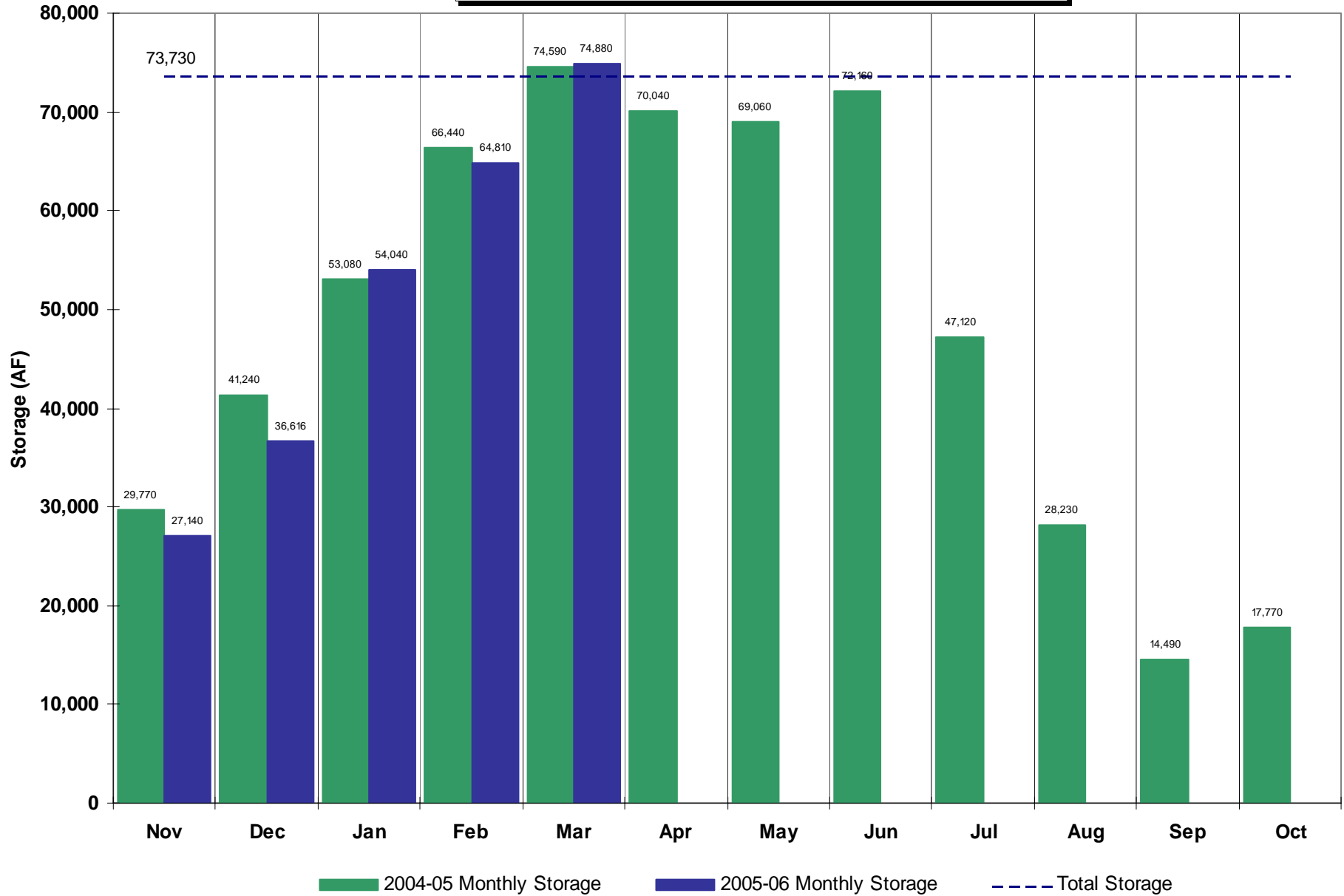
Lake Estes

# Julesburg Reservoir

## (Agricultural)

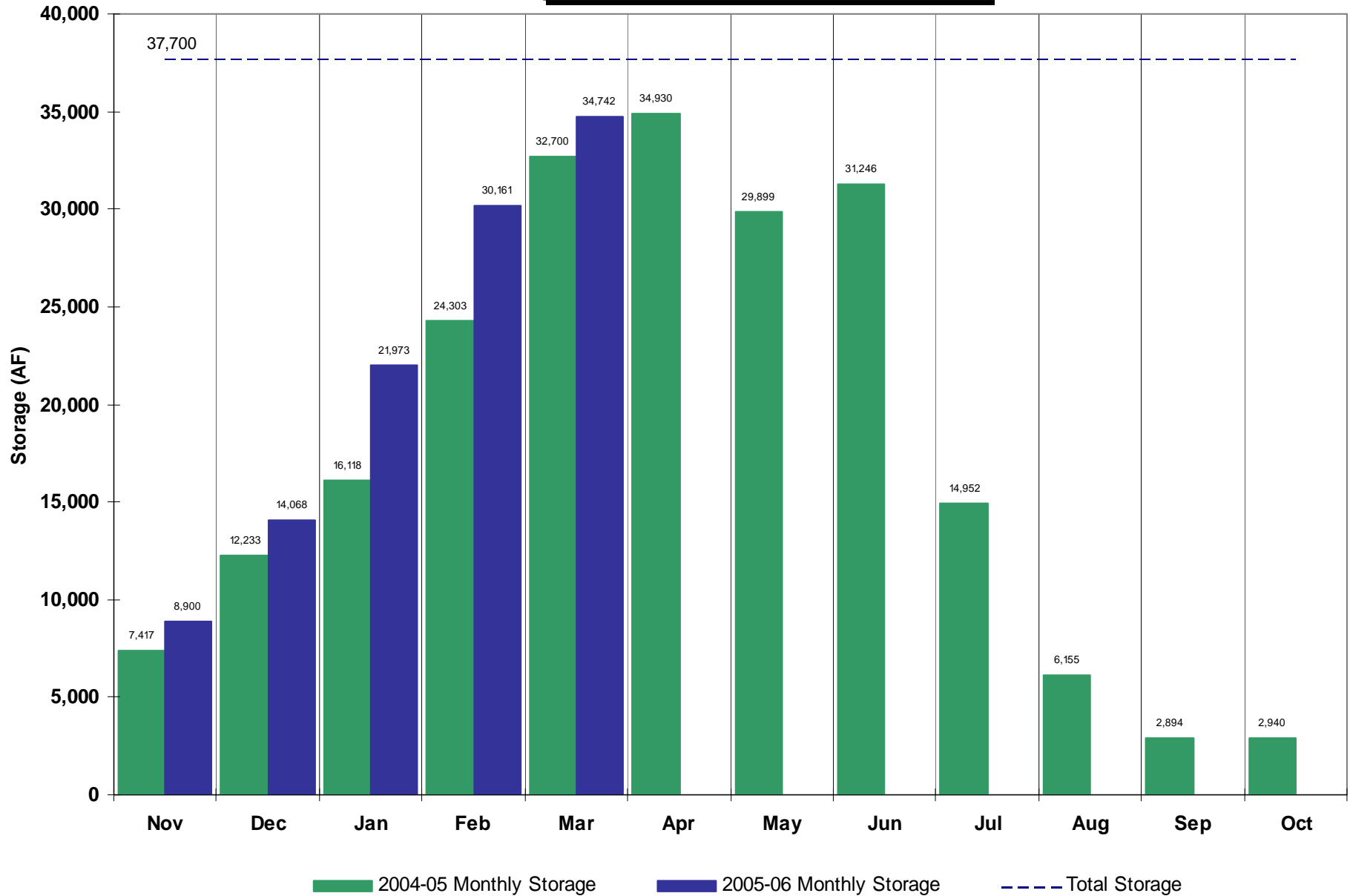


# North Sterling Reservoir (Agricultural)



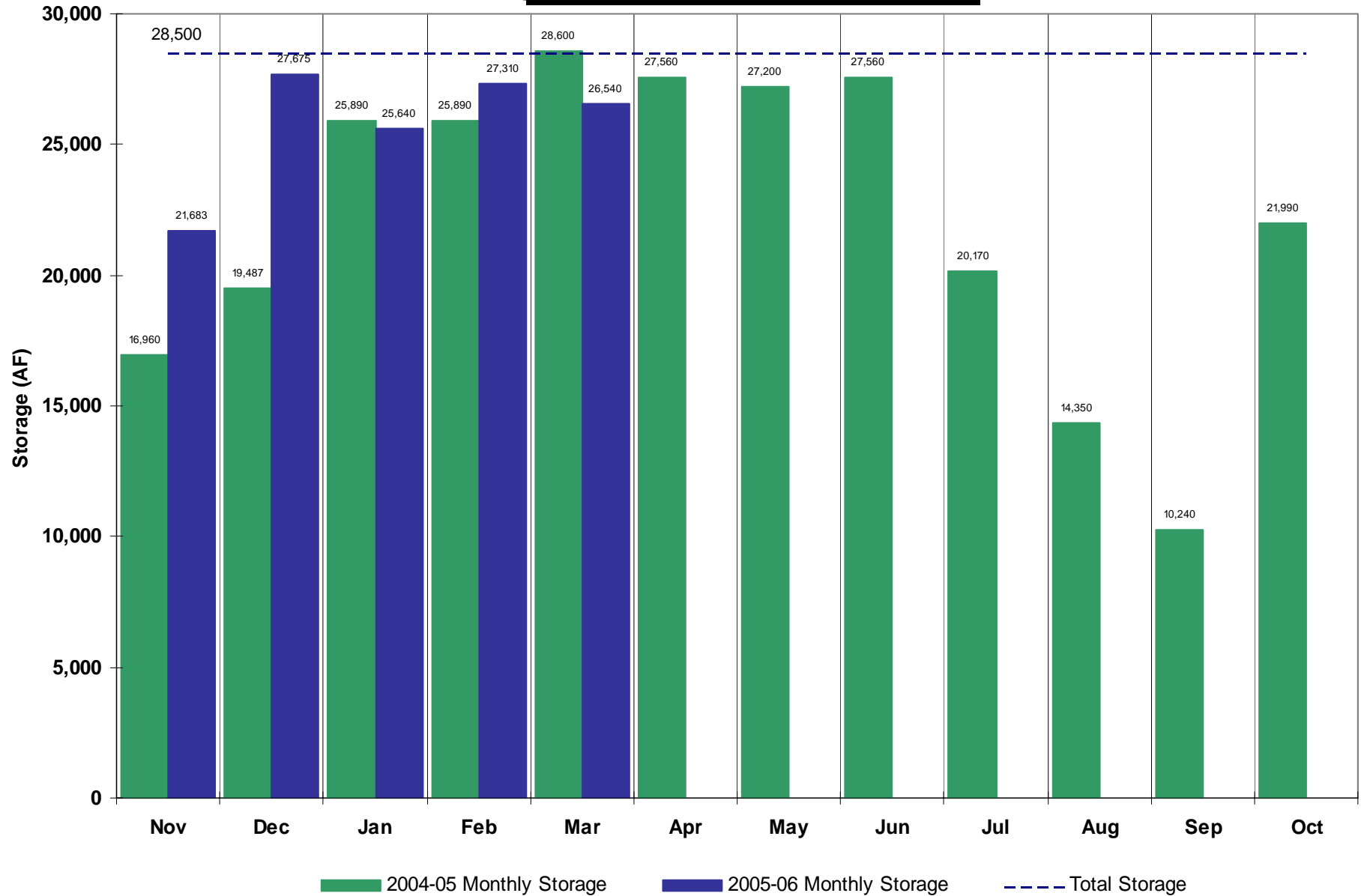


# Empire Reservoir (Agricultural)

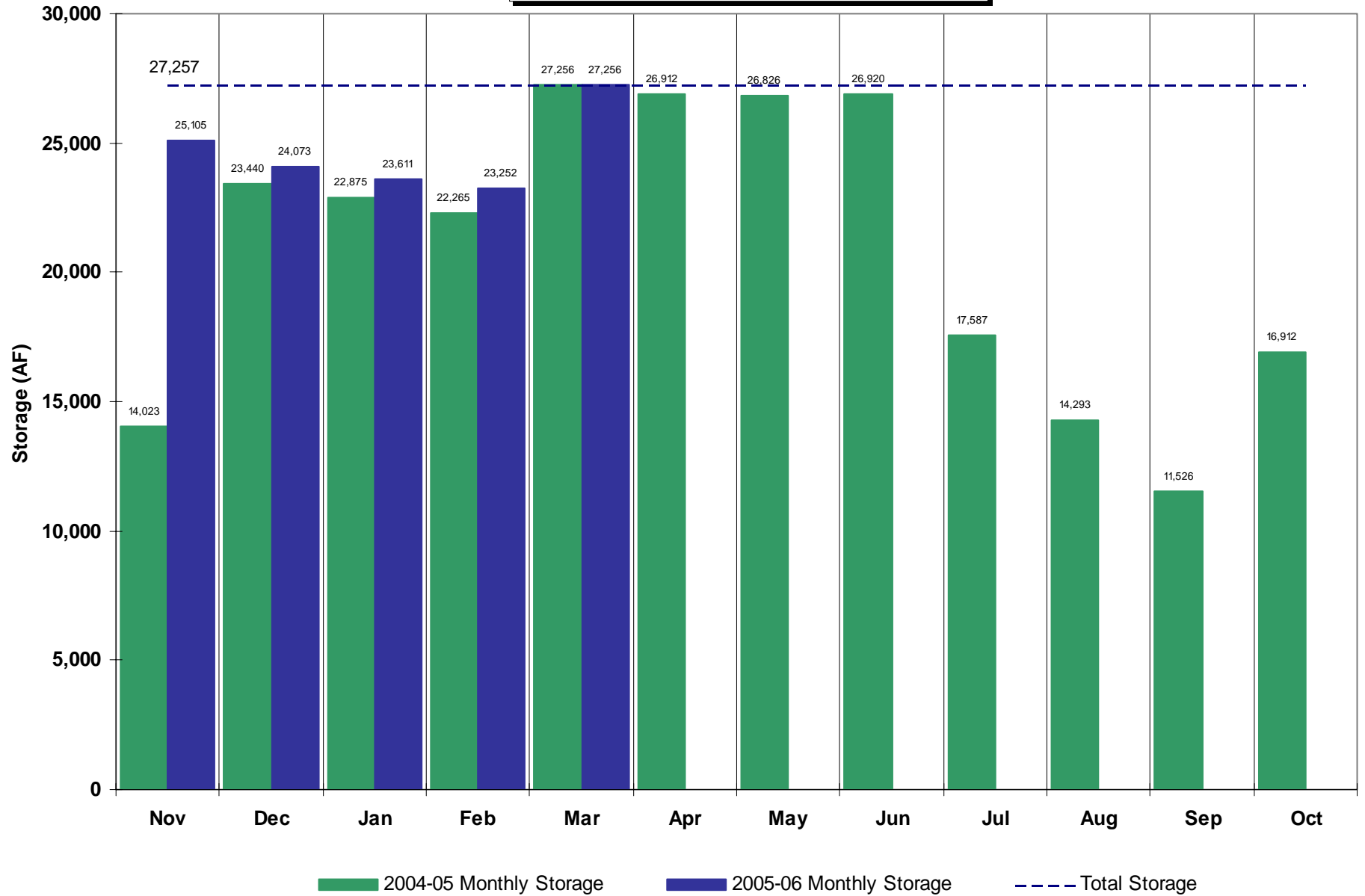


# Prewitt Reservoir

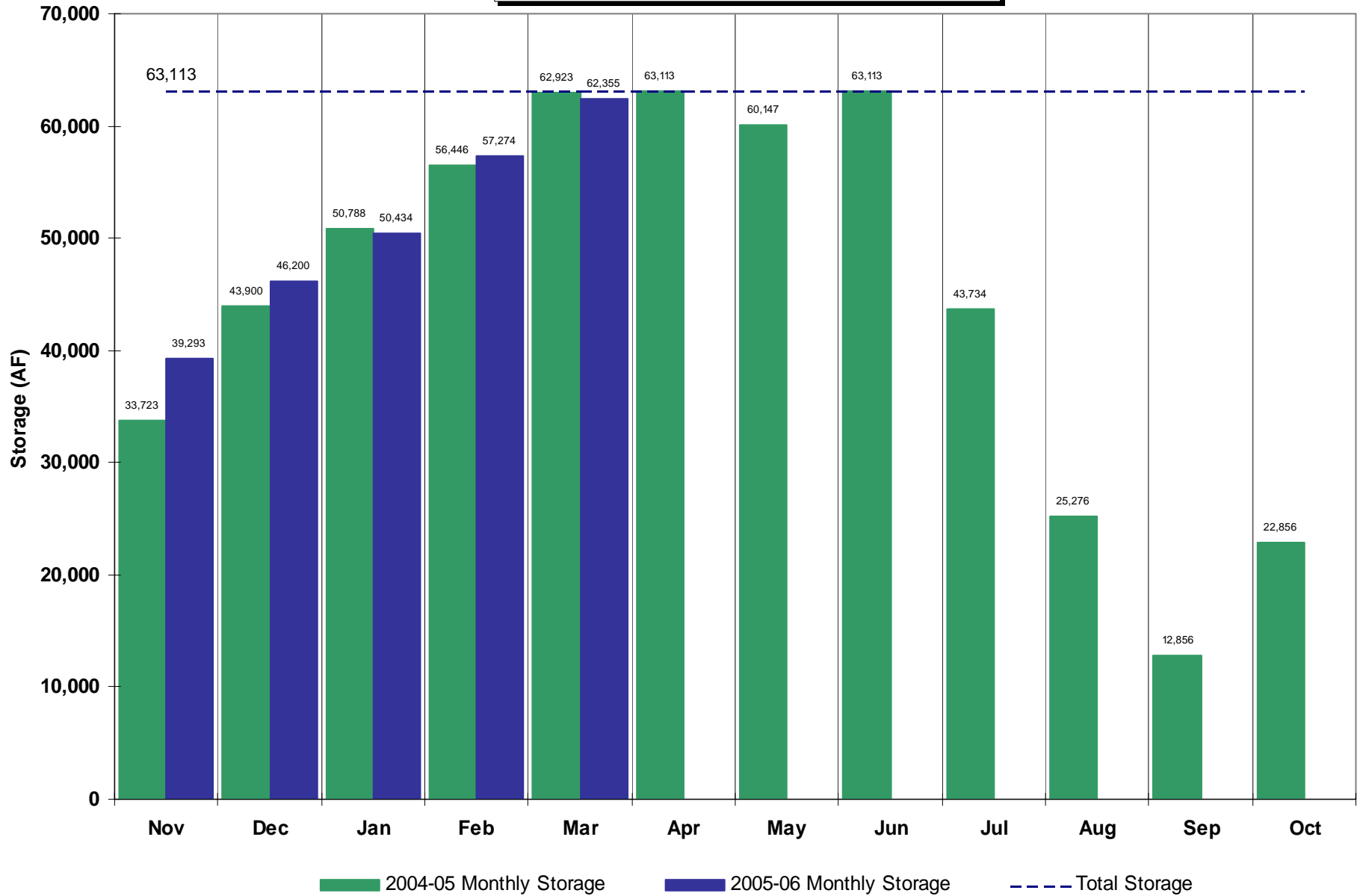
(Agricultural)



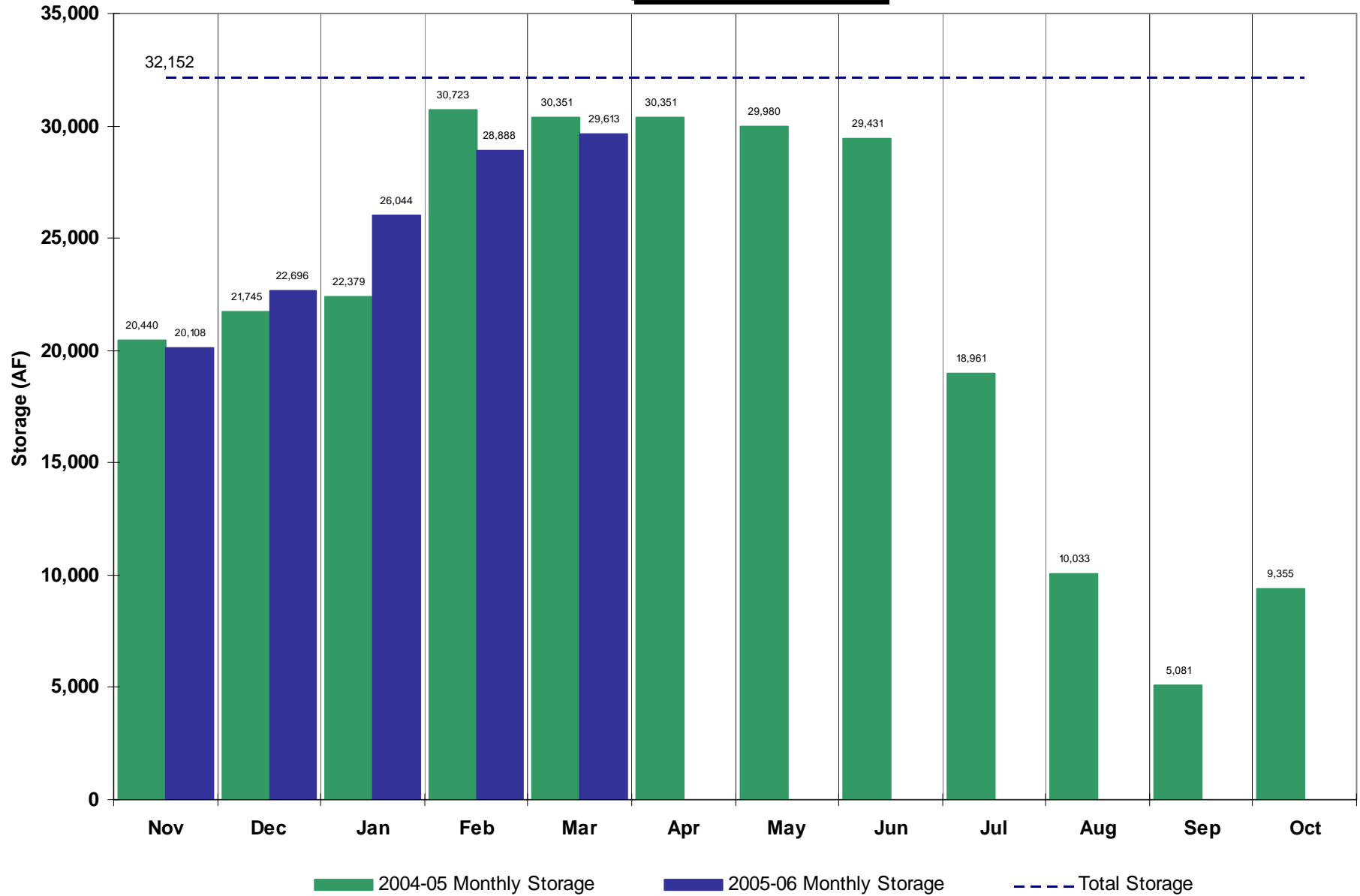
# Jackson Reservoir (Agricultural)



# Riverside Reservoir (Agricultural)

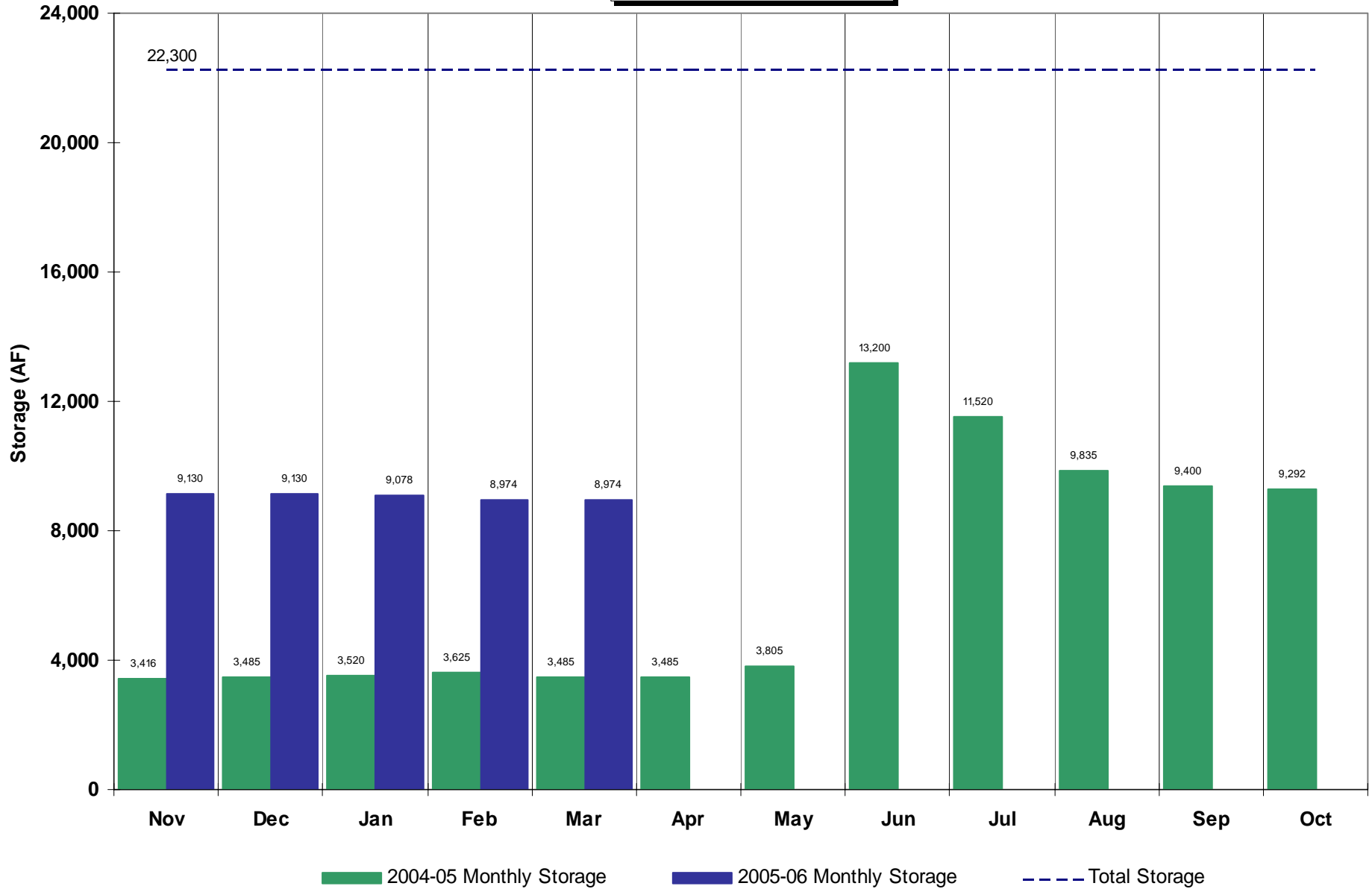


# Barr Lake (Agricultural)



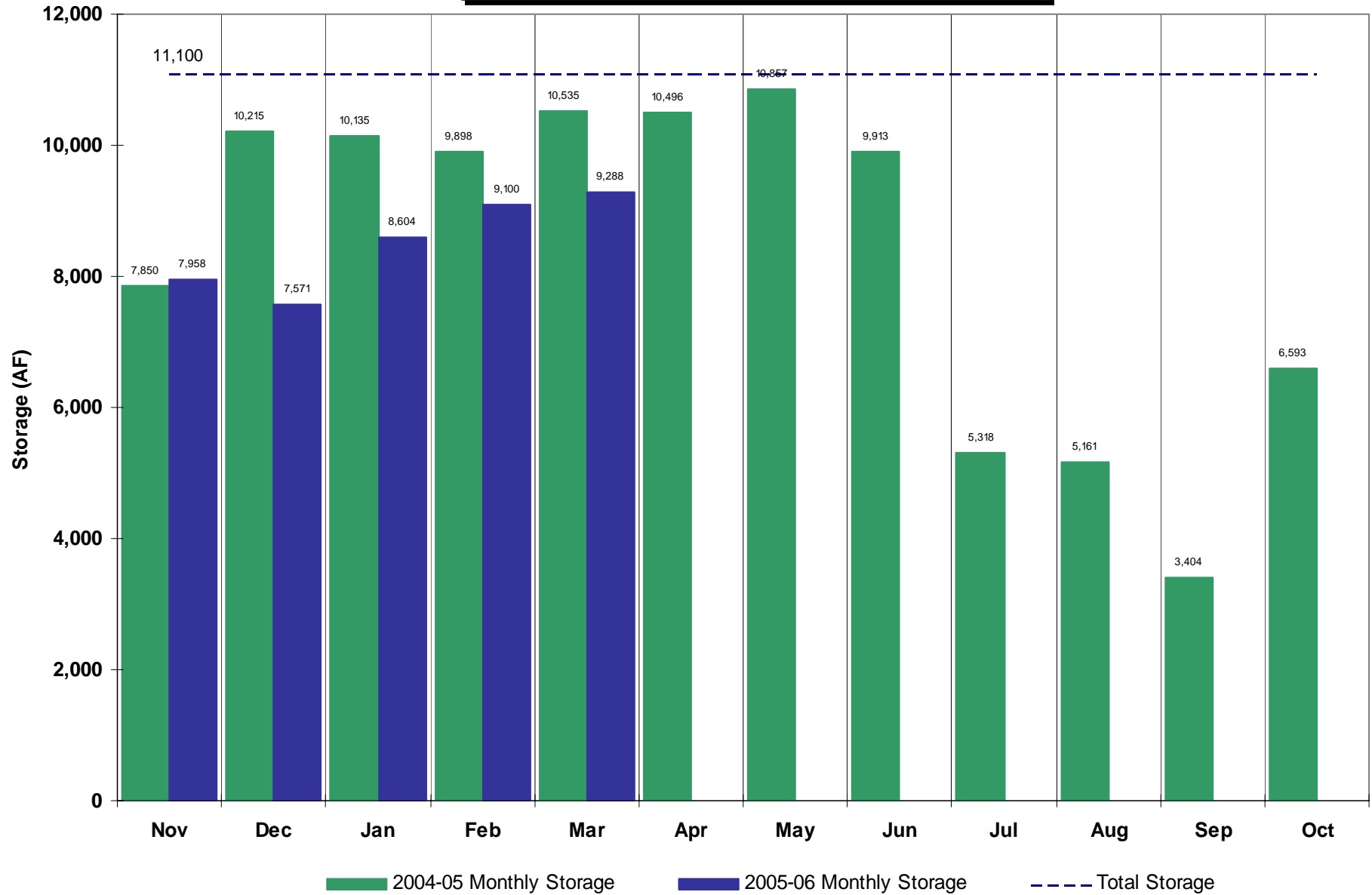
# Cobb Lake

(Agricultural)

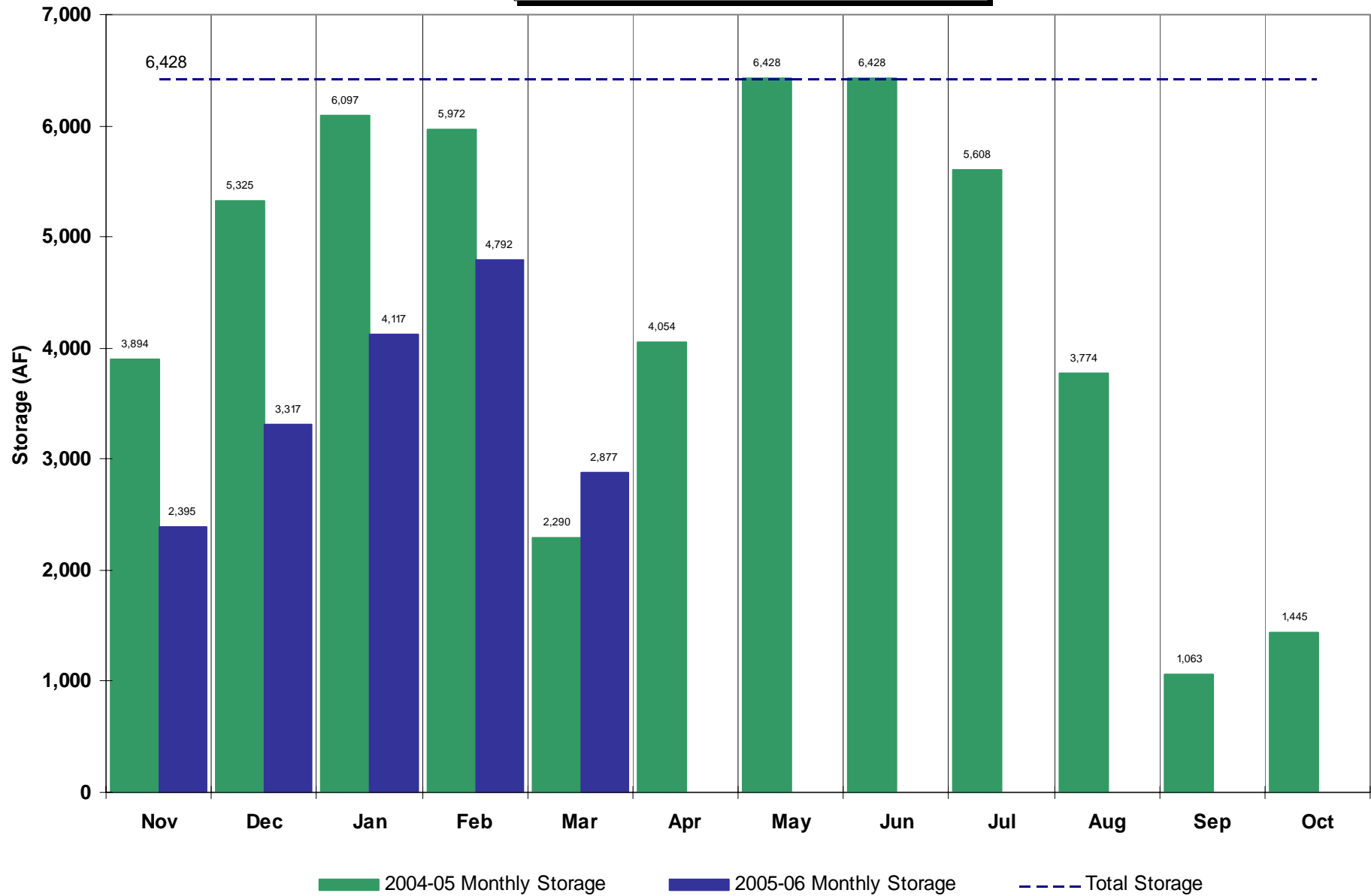


# Fossil Creek Reservoir

(Agricultural)

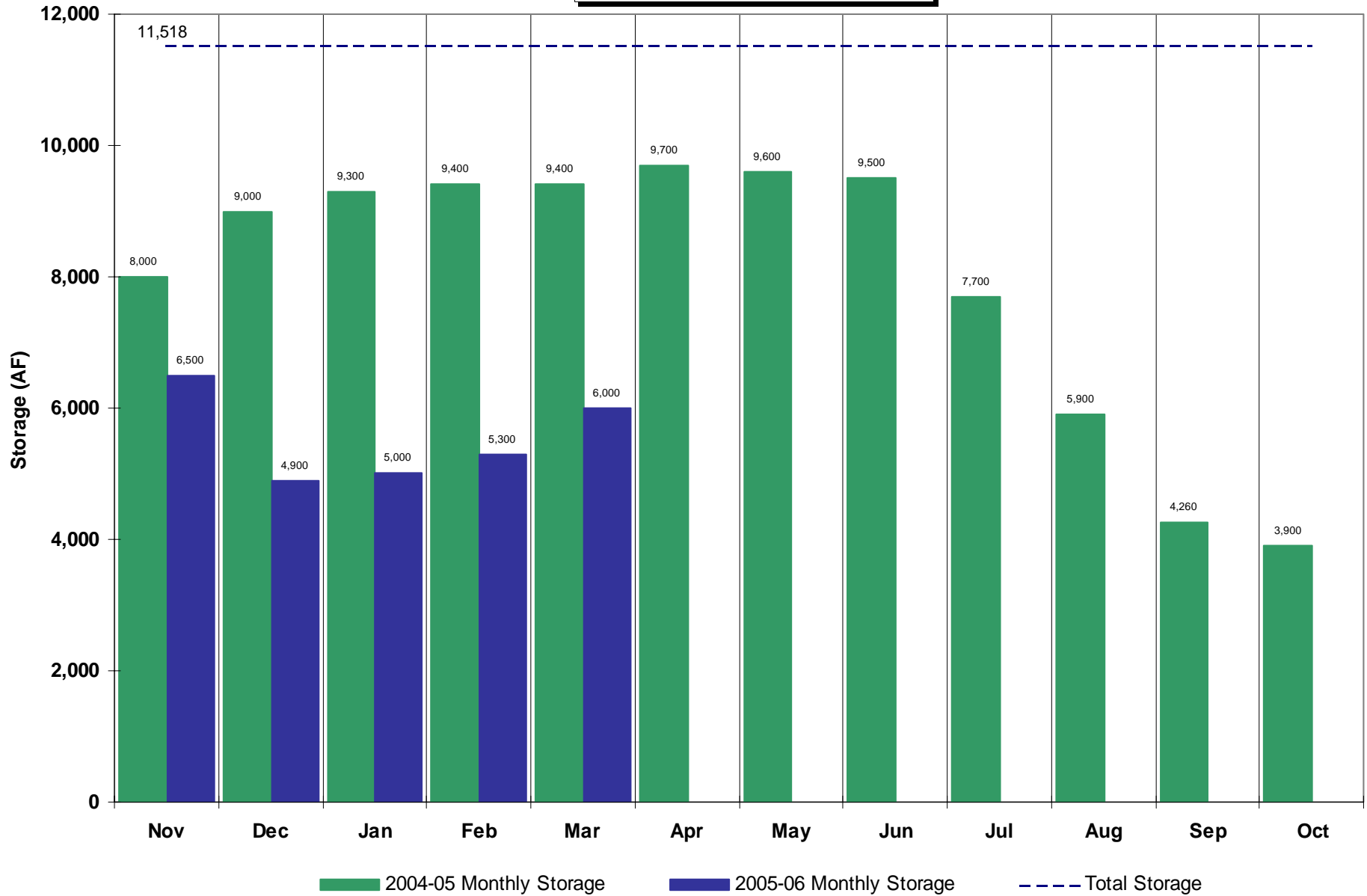


# Halligan Reservoir (Agricultural)

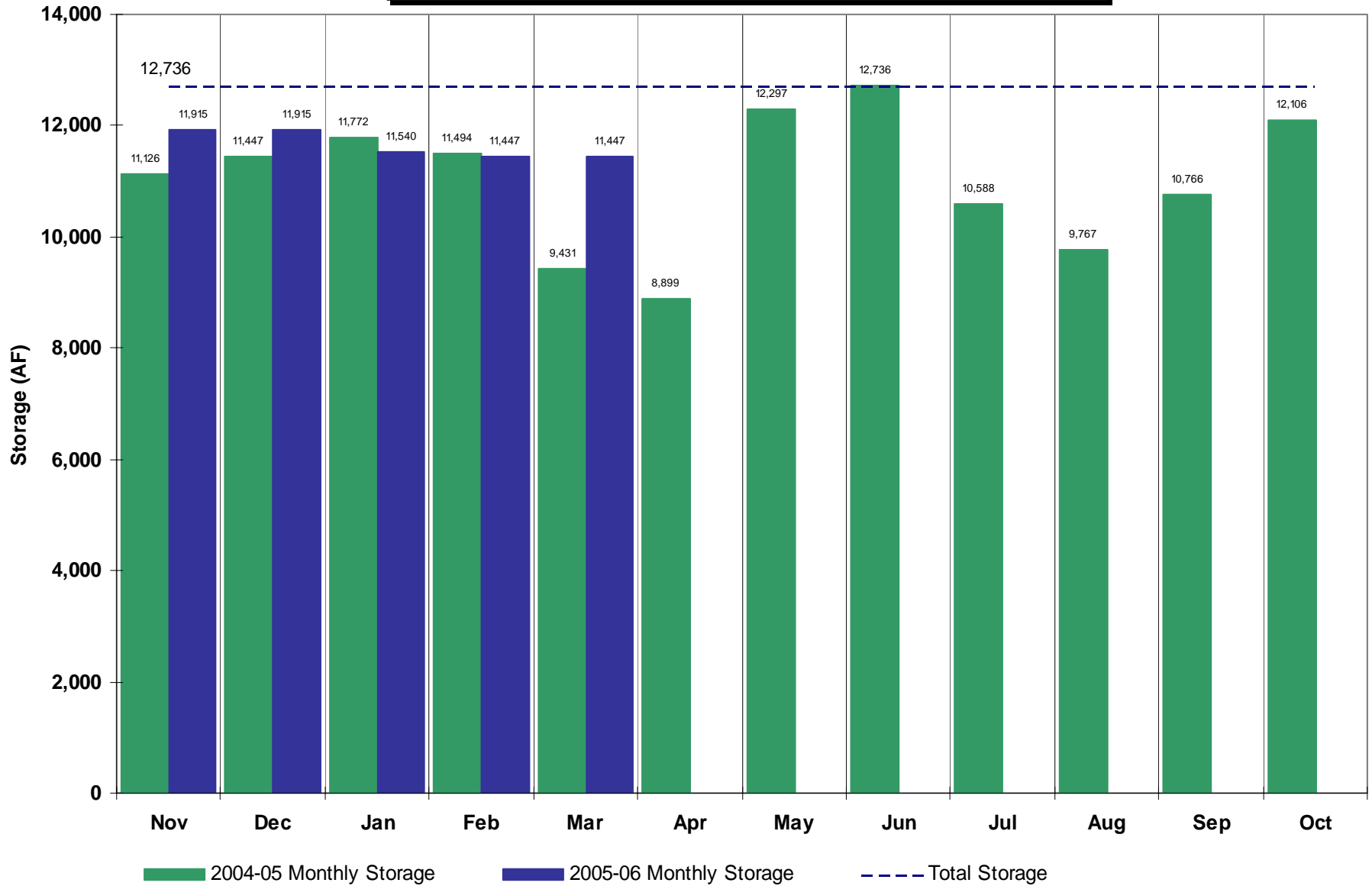




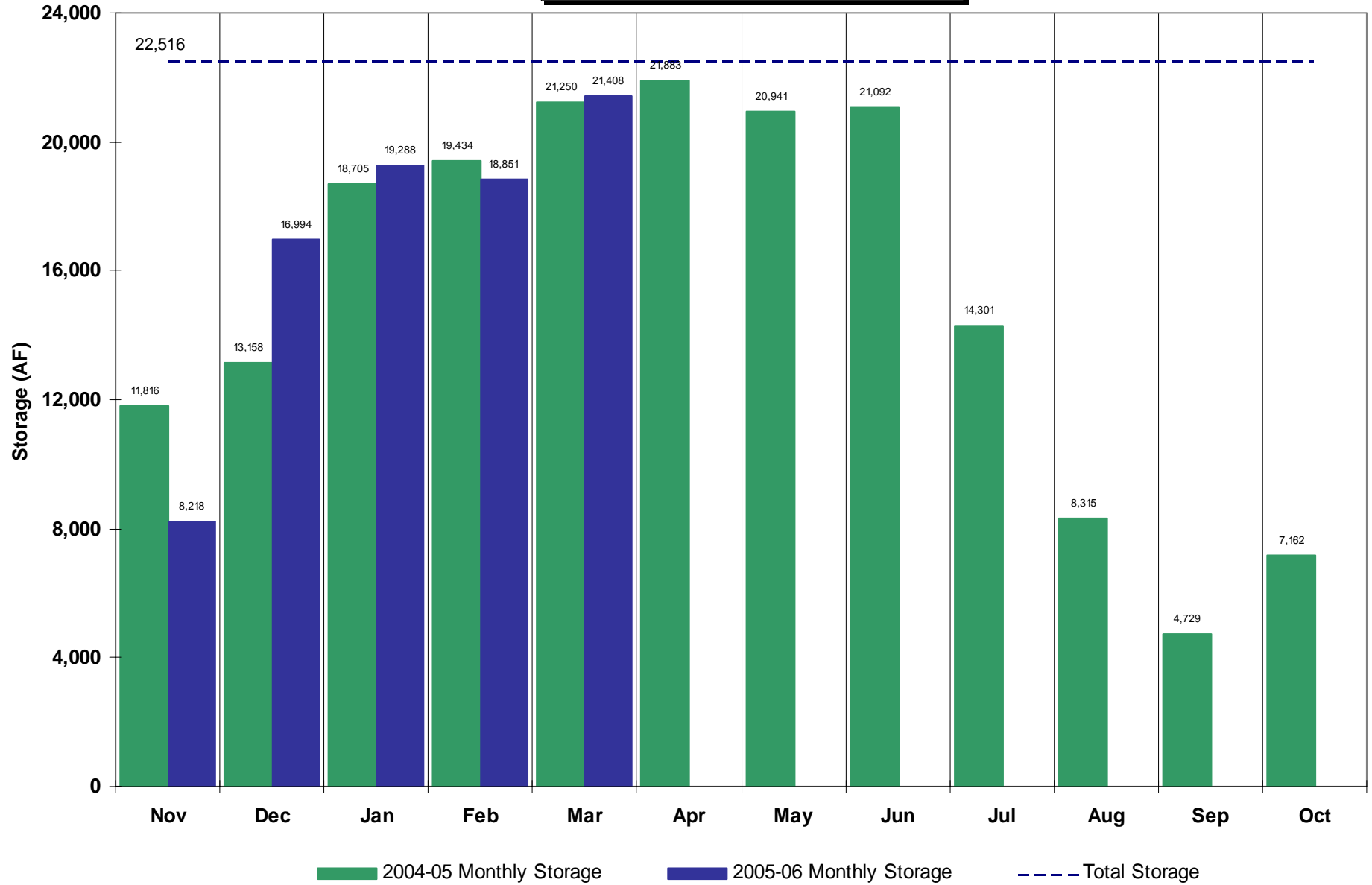
# Marshall Lake (Agricultural)



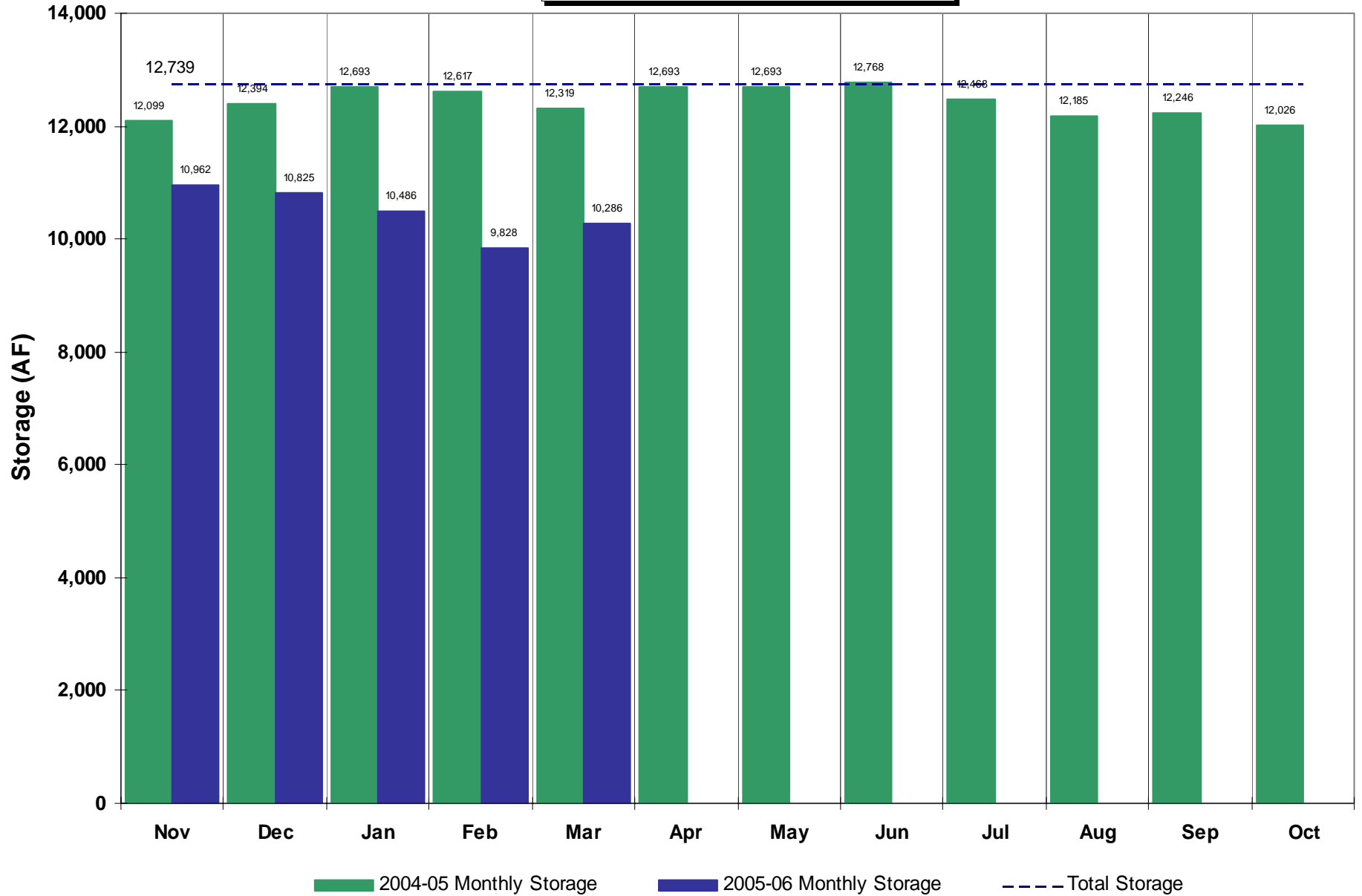
# Loveland Greeley Reservoir (Agricultural)



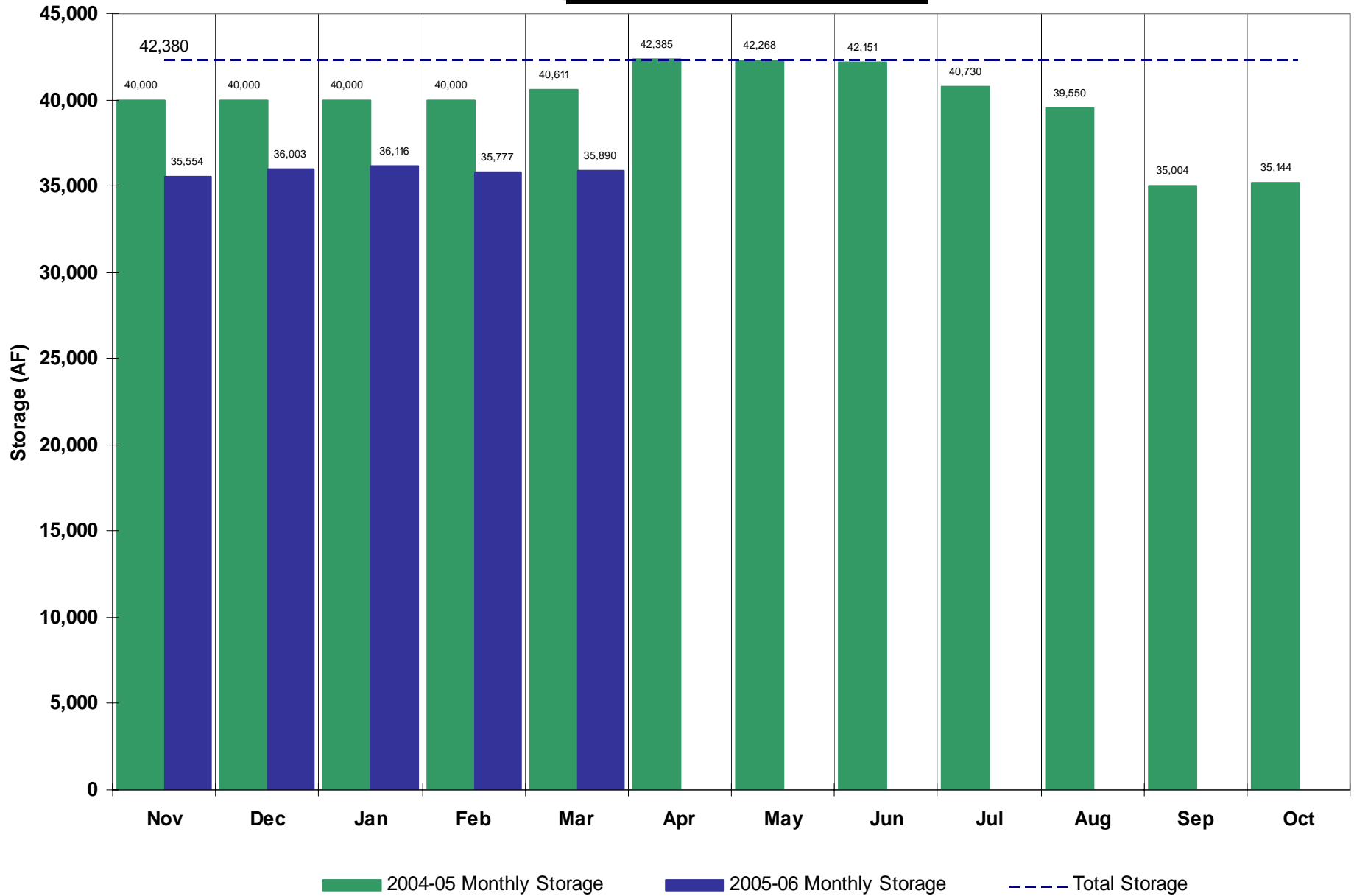
# Milton Reservoir (Agricultural)



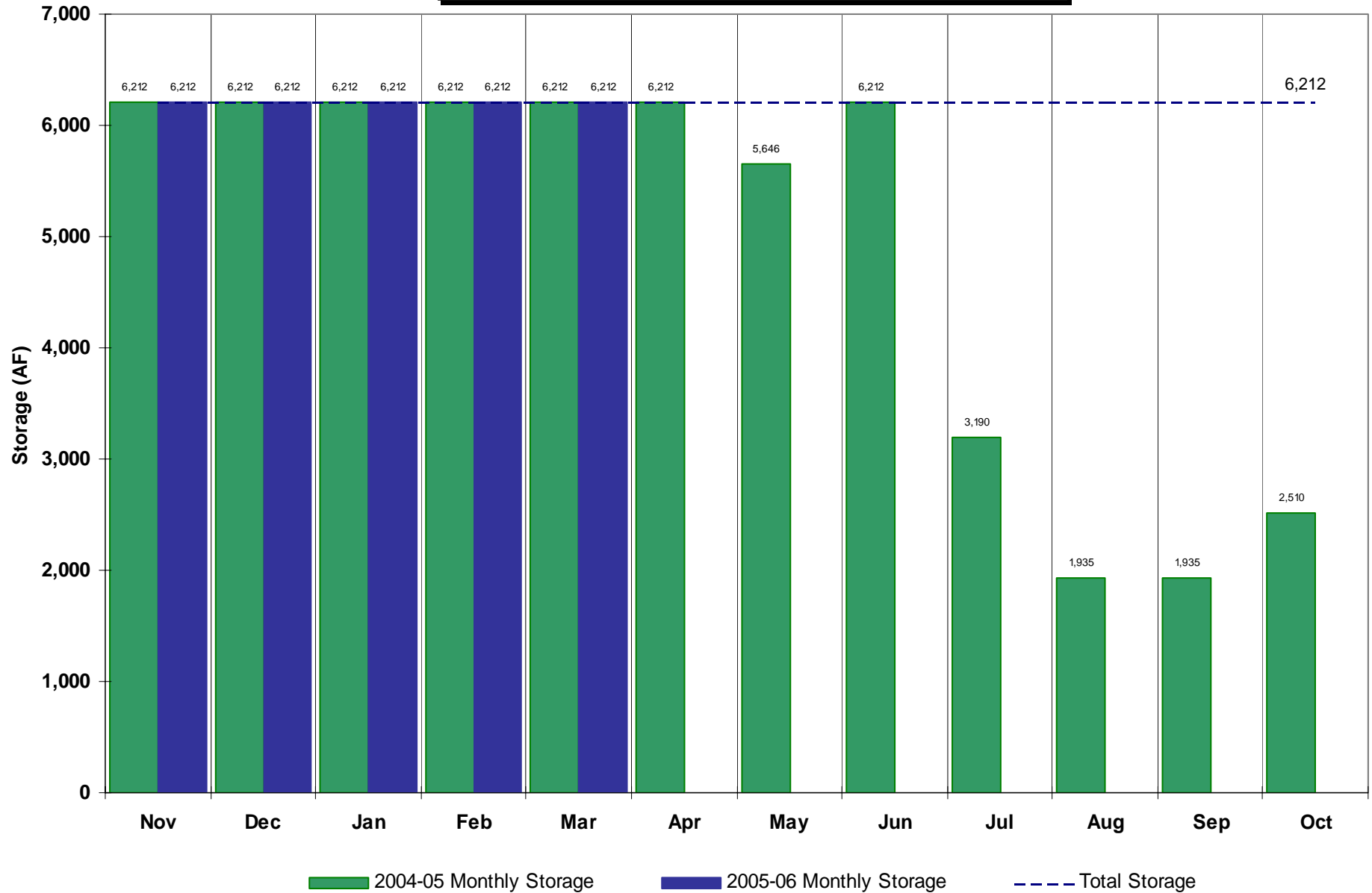
# Union Reservoir (Agricultural)



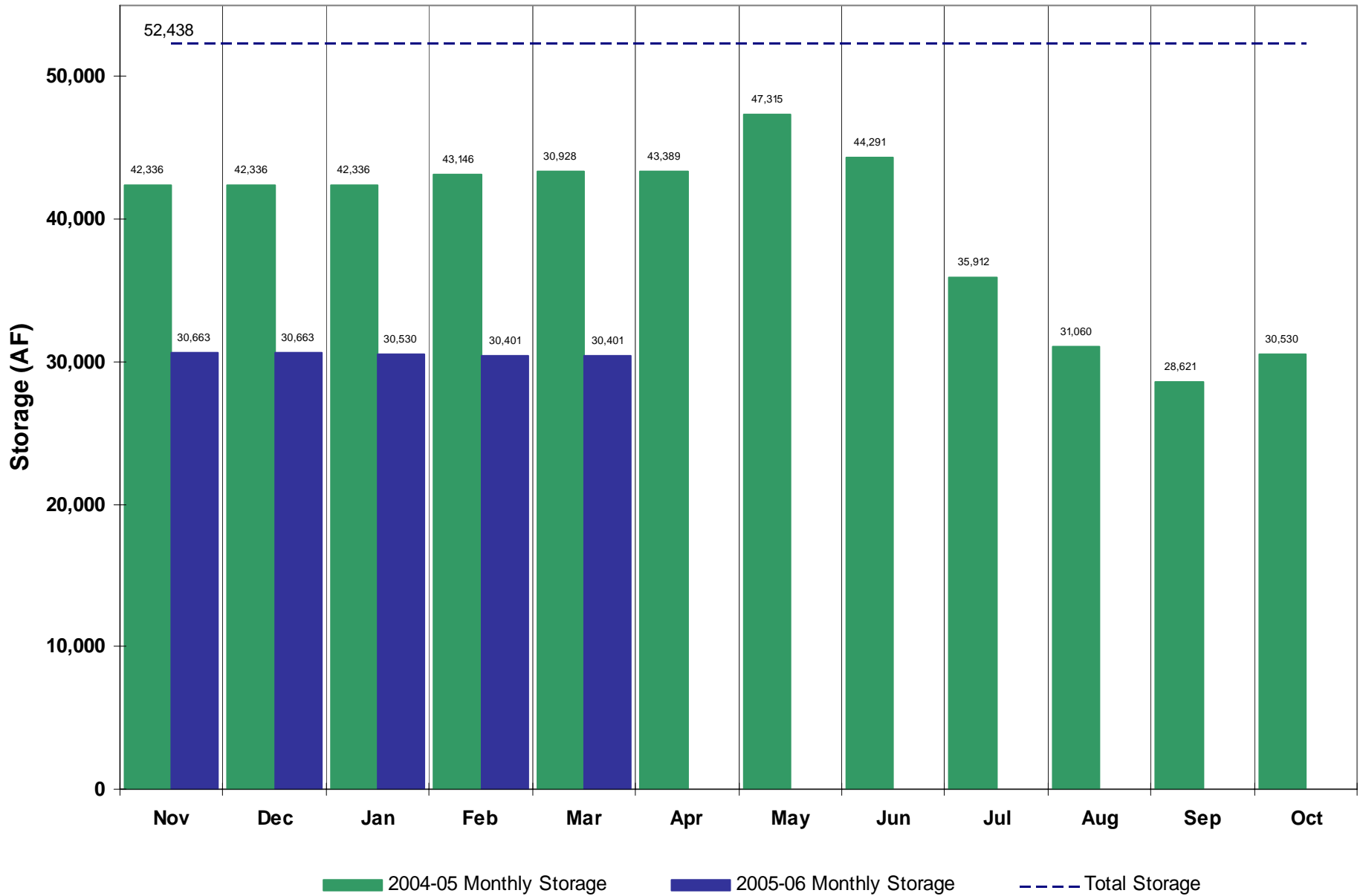
# Standley Lake (Agricultural)



# Lower Latham Reservoir (Agricultural)

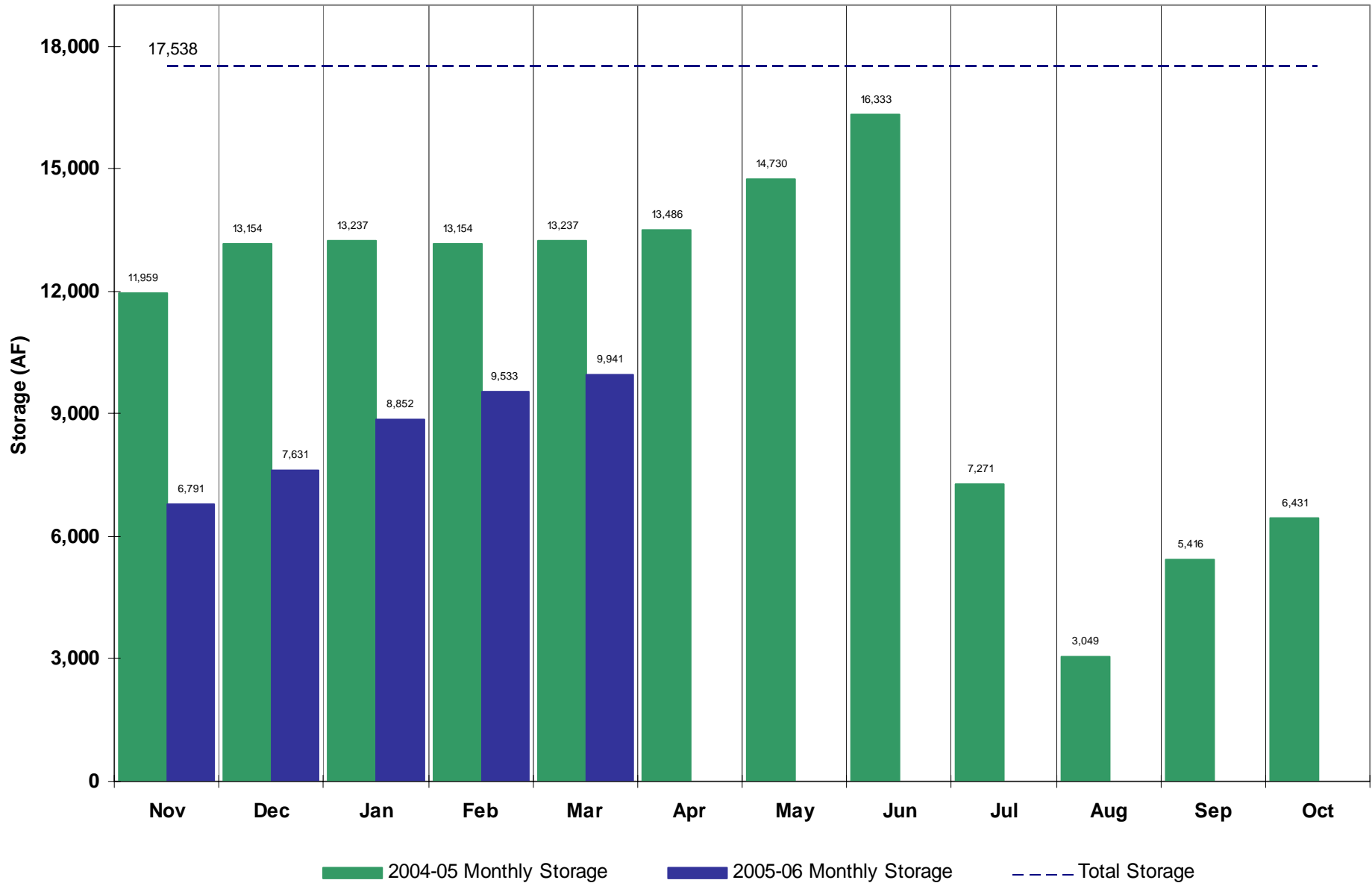


# Boyd Lake (Agricultural)



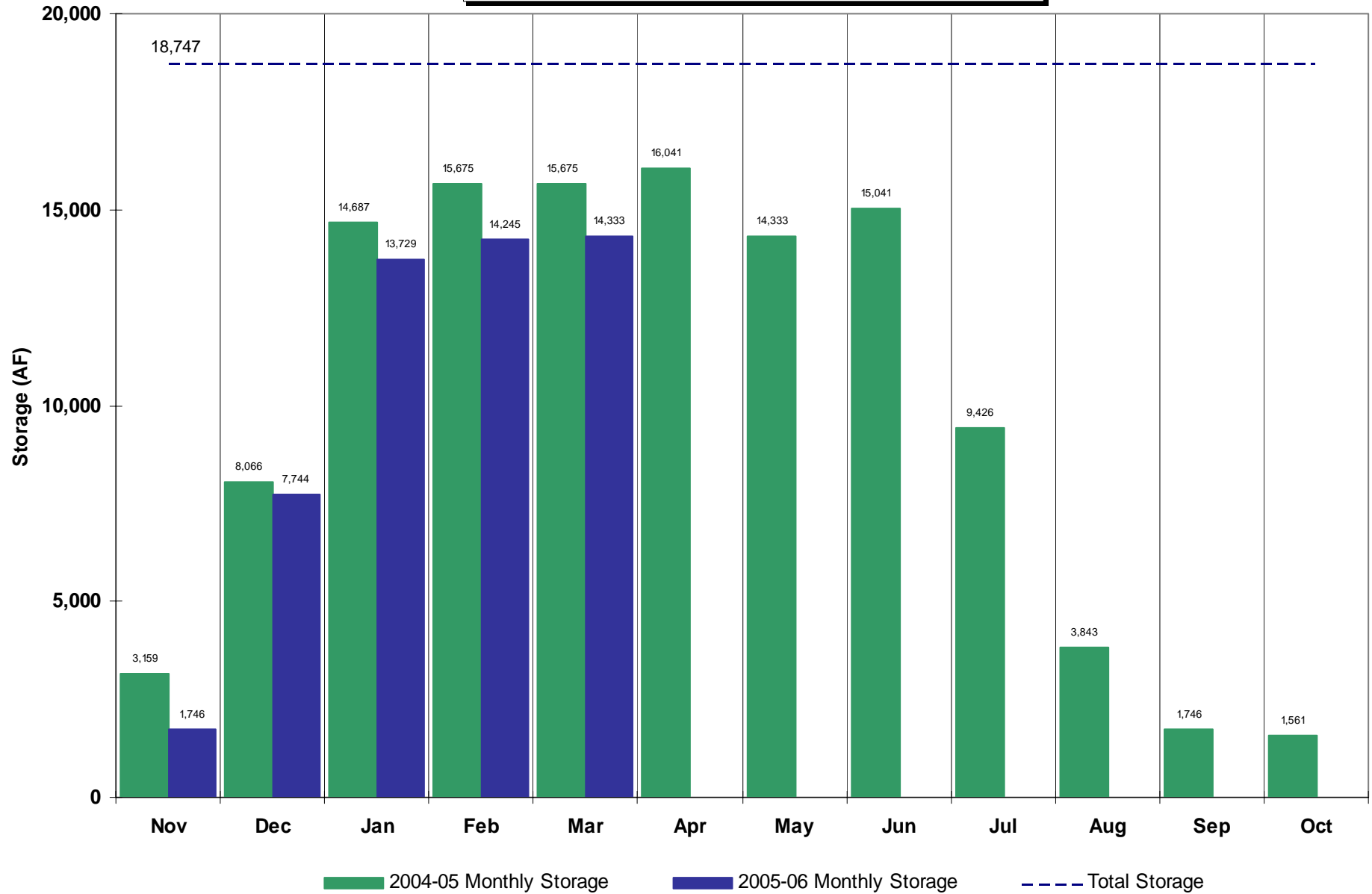
# Windsor Reservoir

(Agricultural)

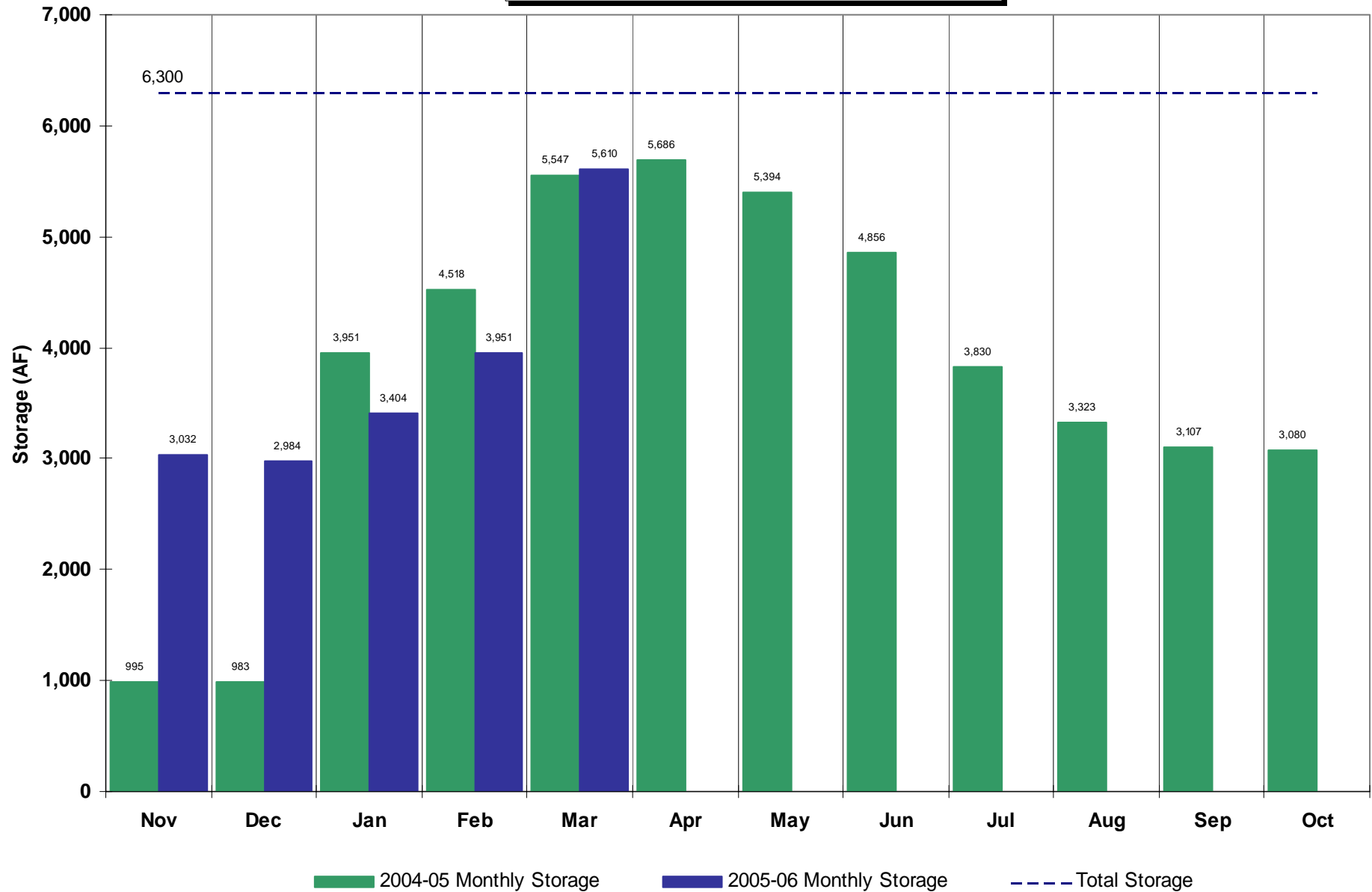




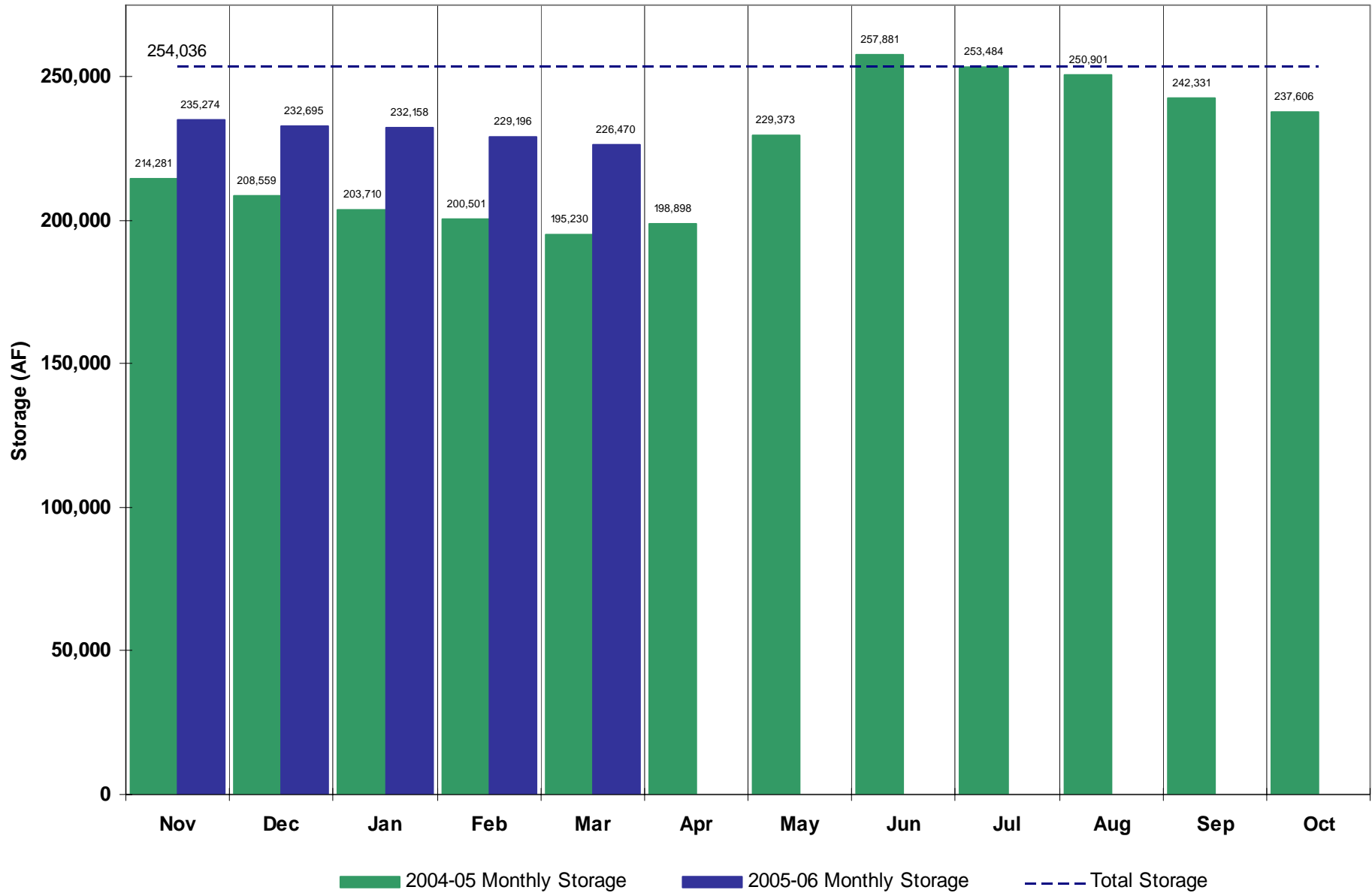
# Horse Creek Reservoir (Agricultural)



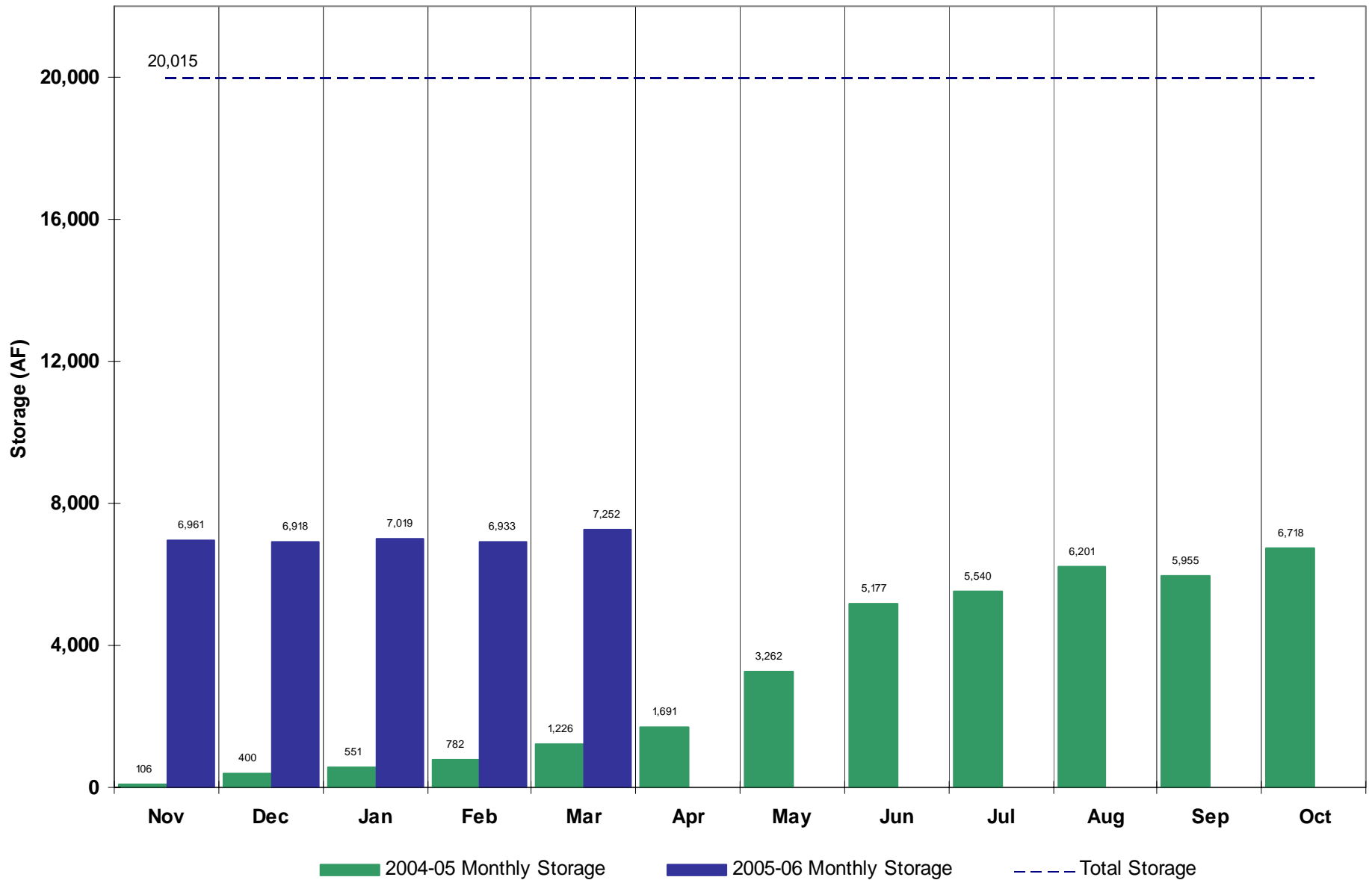
# Prospect Reservoir (Agricultural)



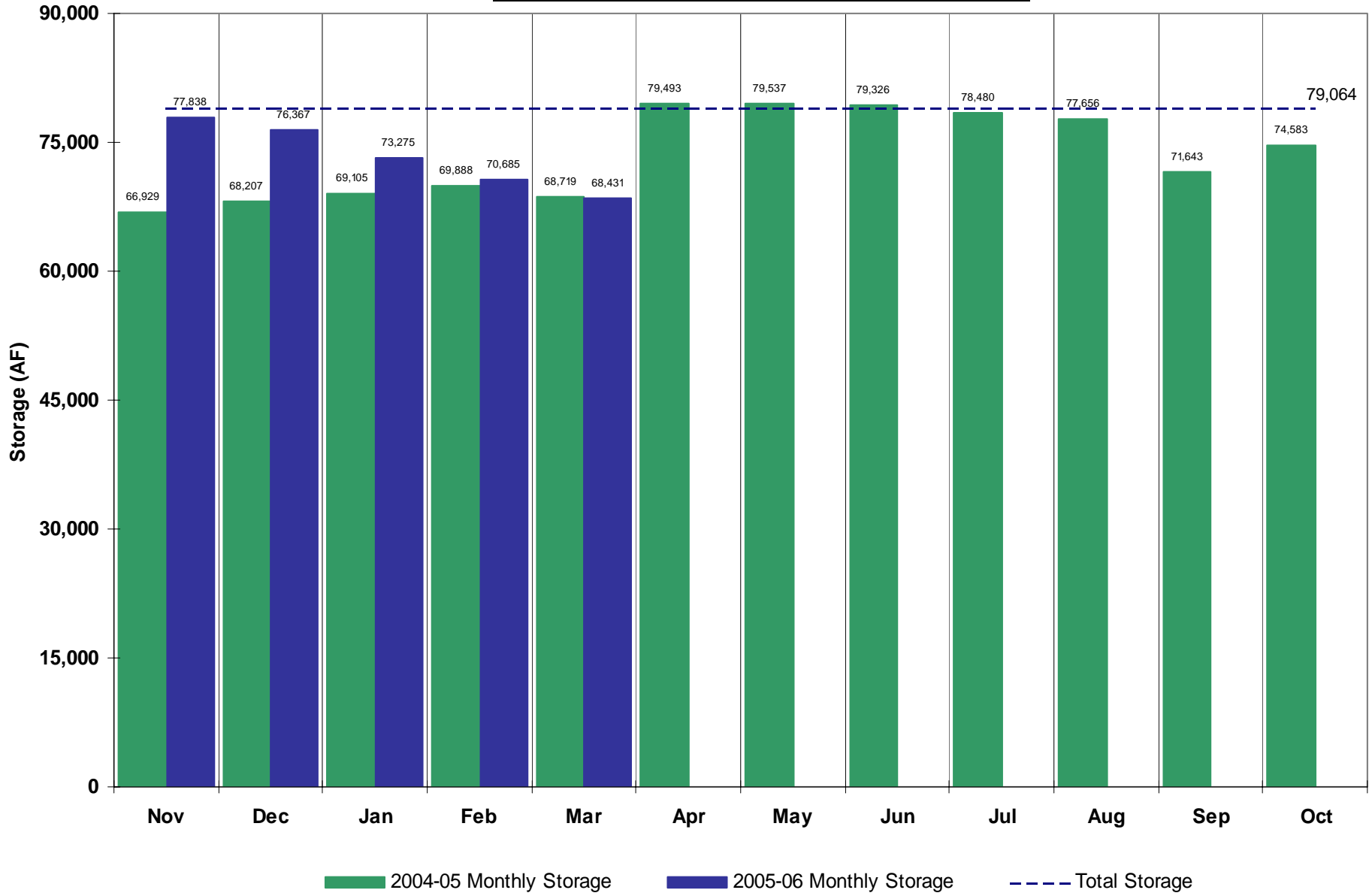
# Dillon Reservoir (Municipal)



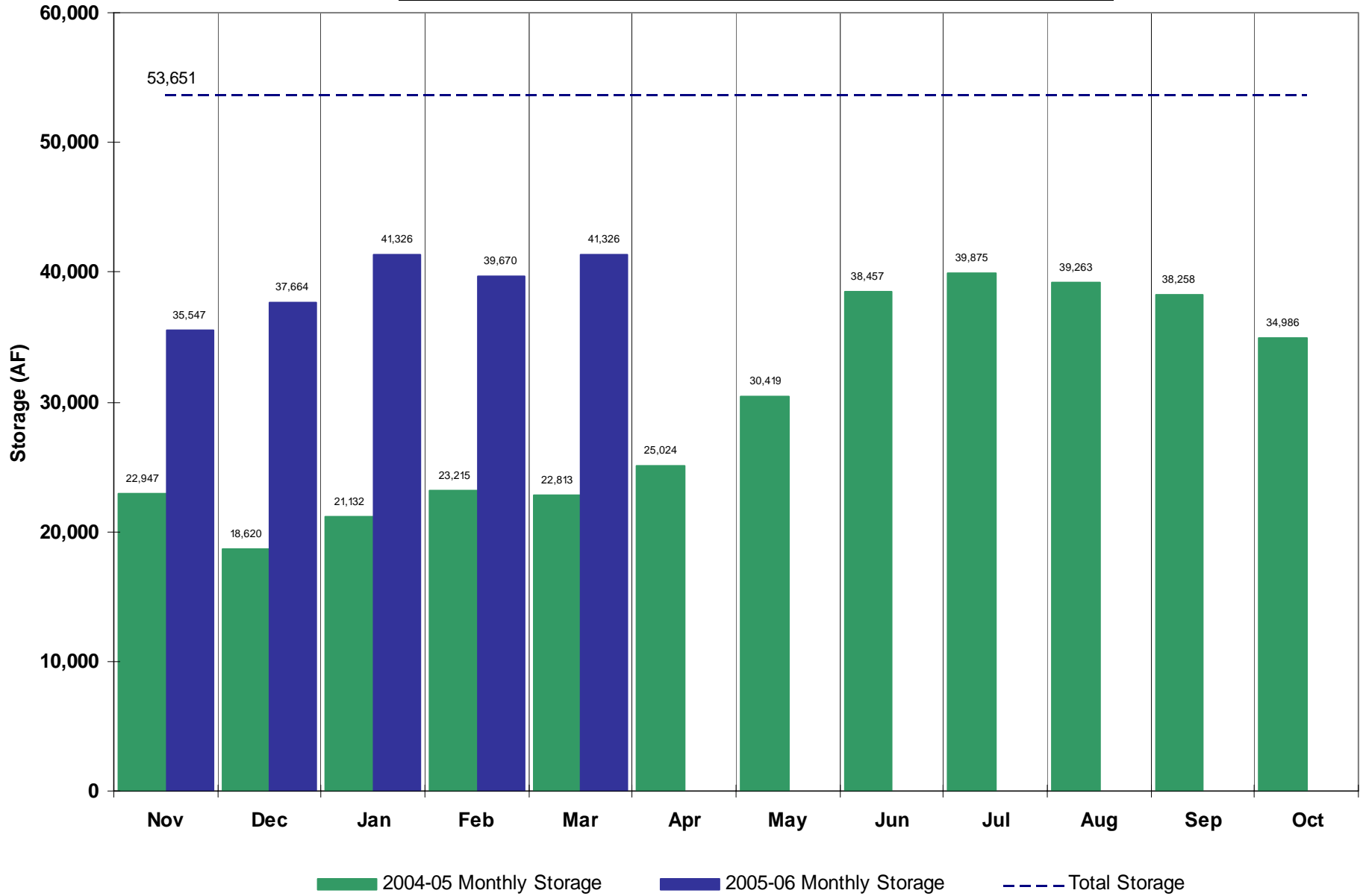
# Antero Reservoir (Municipal)



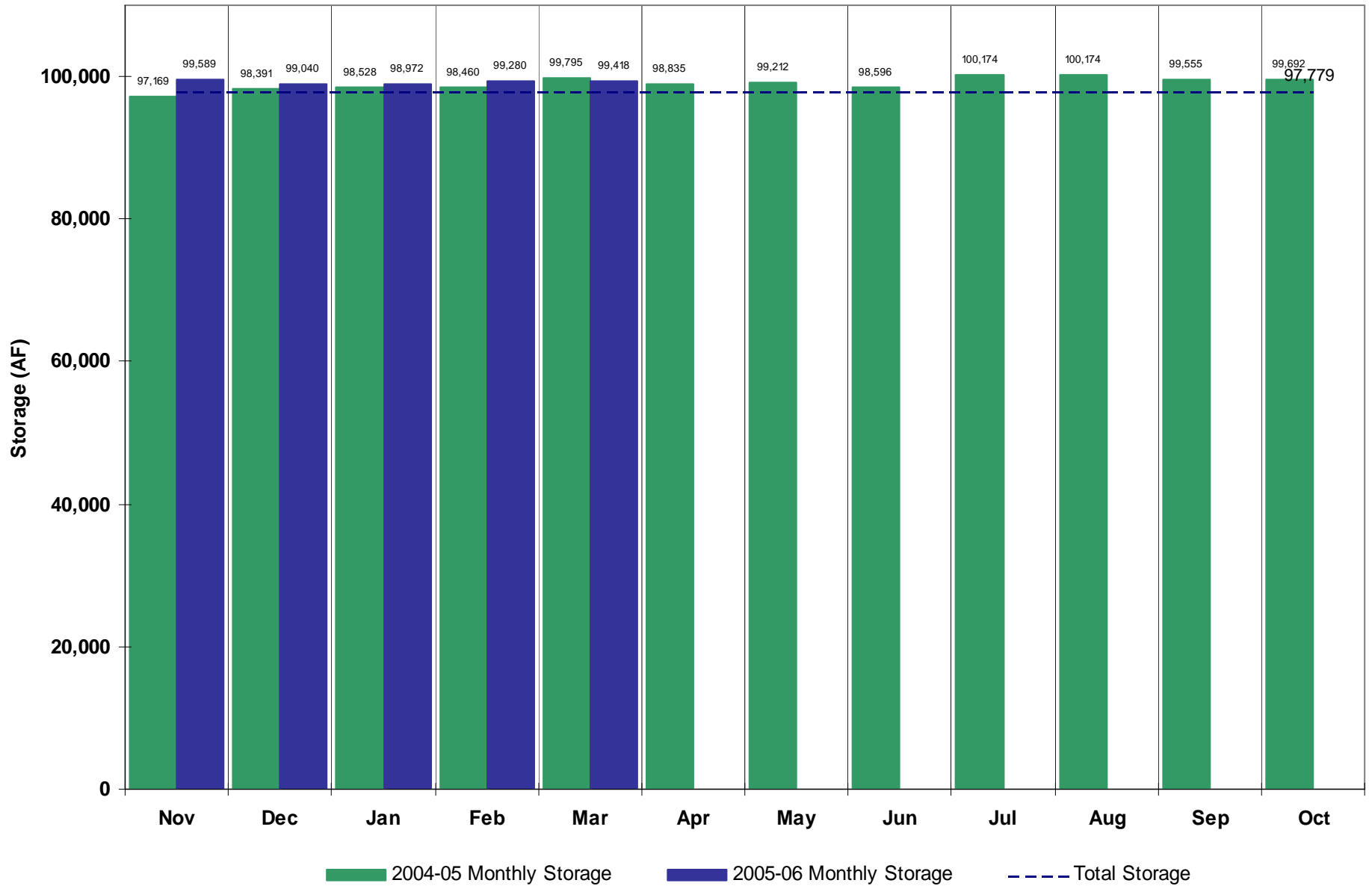
# Cheesman Reservoir (Municipal)



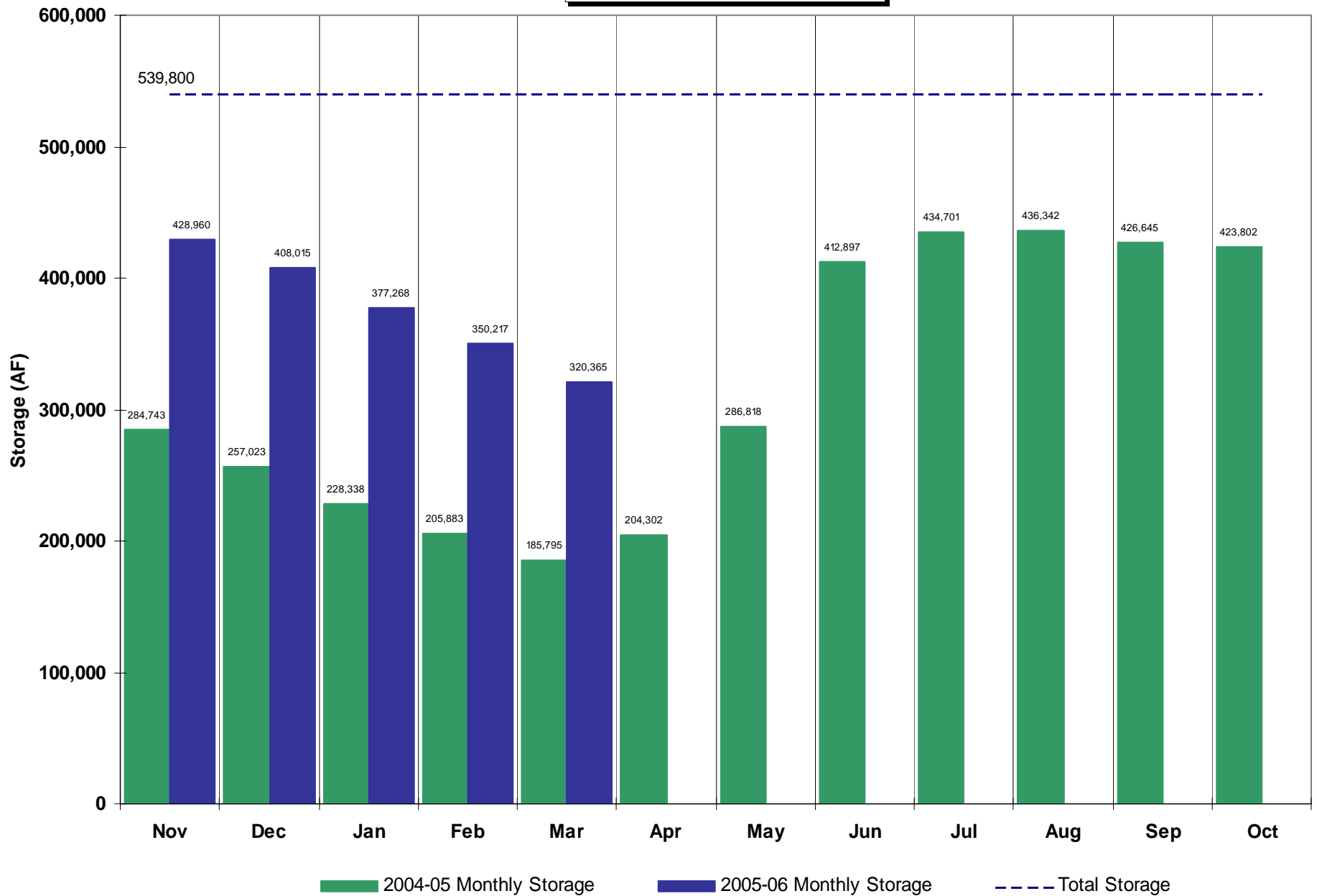
# Spinney Mountain Reservoir (Municipal)



# Eleven Mile Reservoir (Municipal)

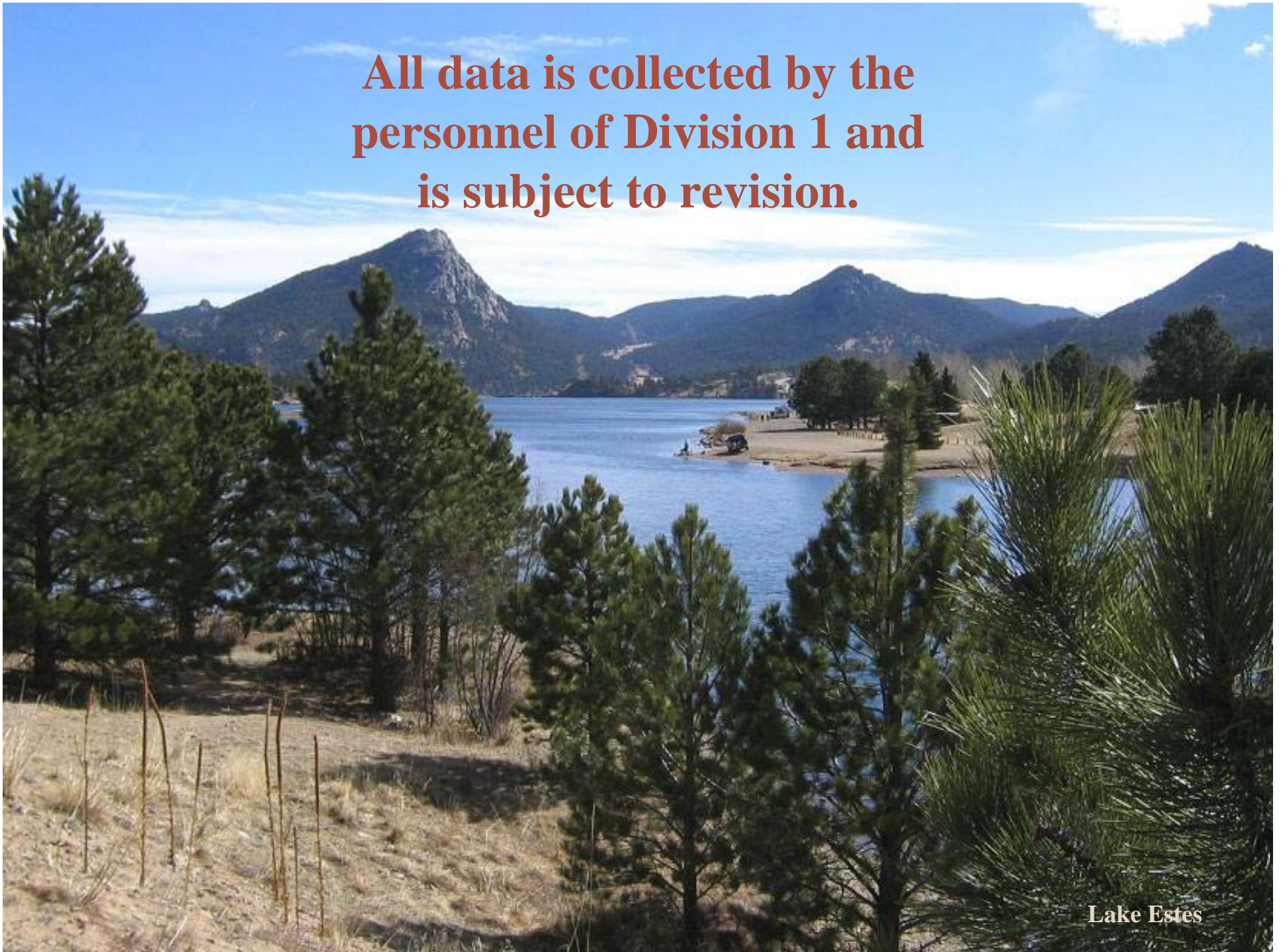


# Lake Granby





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



**Lake Estes**