

# South Platte Summary

## April 2009



Estes Park  
(Photo by Russell Stroud)

Compiled by Jana Ash

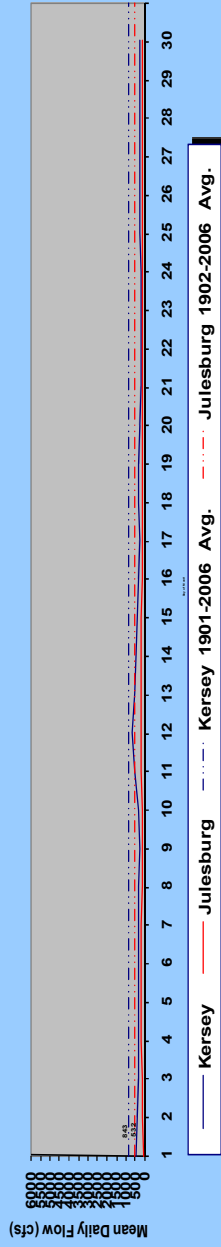


# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

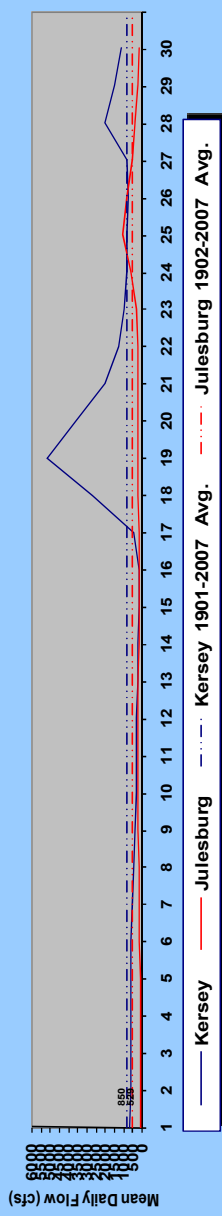
## MONTH OF APRIL 2009

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	20,503	20,503	64	0	0%	90%	99%	0
N STERLING	73,730	69,582	70,300	64	718	1%	95%	99%	0
PREWITT	28,500	24,365	24,481	64	116	0%	86%	95%	0
JACKSON	27,257	25,691	26,056	1	365	1%	96%	97%	0
EMPIRE	37,700	35,925	35,870	1	-55	0%	95%	88%	0
RIVERSIDE	63,113	55,461	55,310	1	-151	0%	88%	91%	0
BARR LAKE	31,652	23,843	28,199	2	4,356	18%	89%	88%	0
CHEESMAN	79,064	74,129	78,610	80	4,481	6%	99%	97%	0
ELEVEN MILE	97,779	100,450	99,212	23	-1,238	-1%	100%	100%	1,433
SPINNEY	53,651	44,108	45,431	23	1,323	3%	85%	77%	0
ANTERO	20,015	20,125	20,103	23	-22	0%	100%	99%	88

**SOUTH PLATTER RIVER  
APRIL 2008**

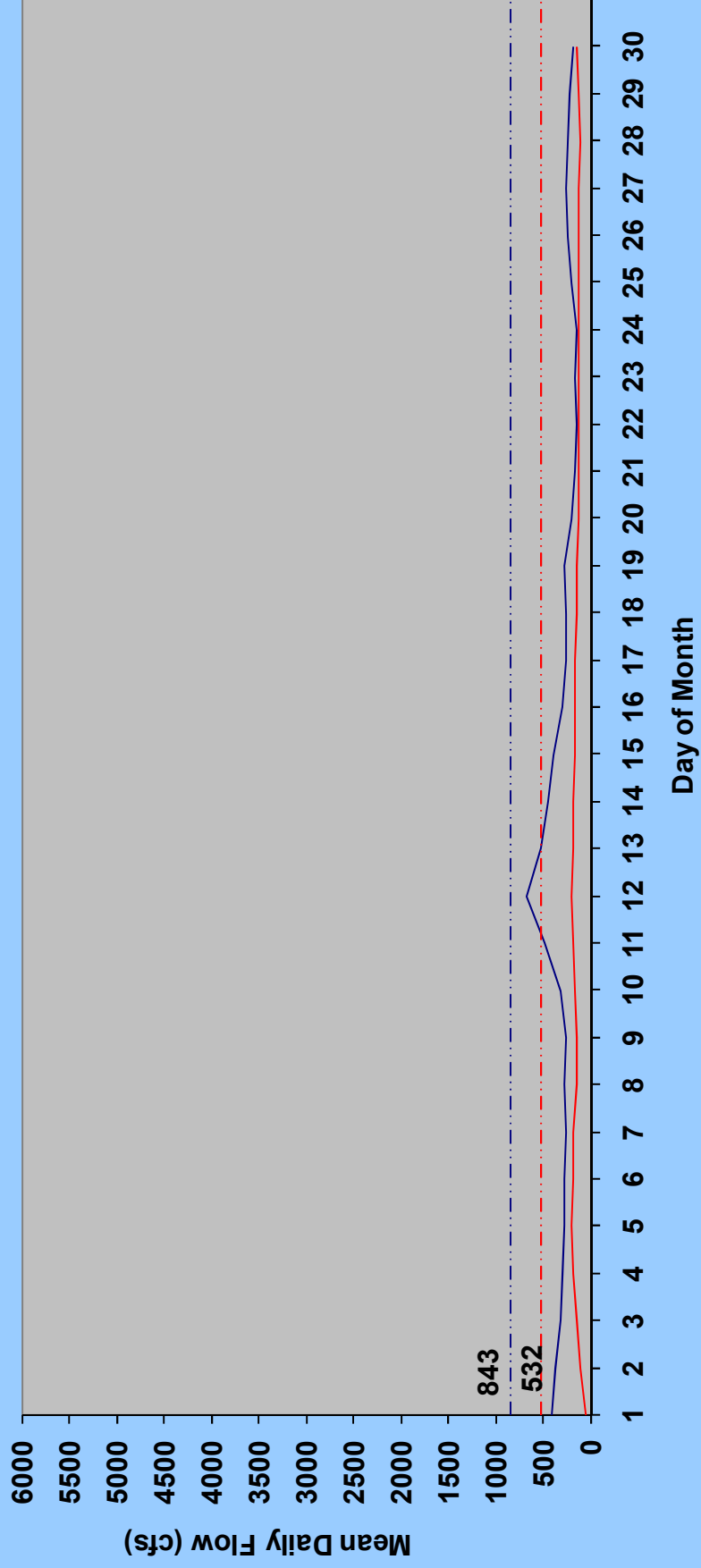


**SOUTH PLATTER RIVER  
APRIL 2009**



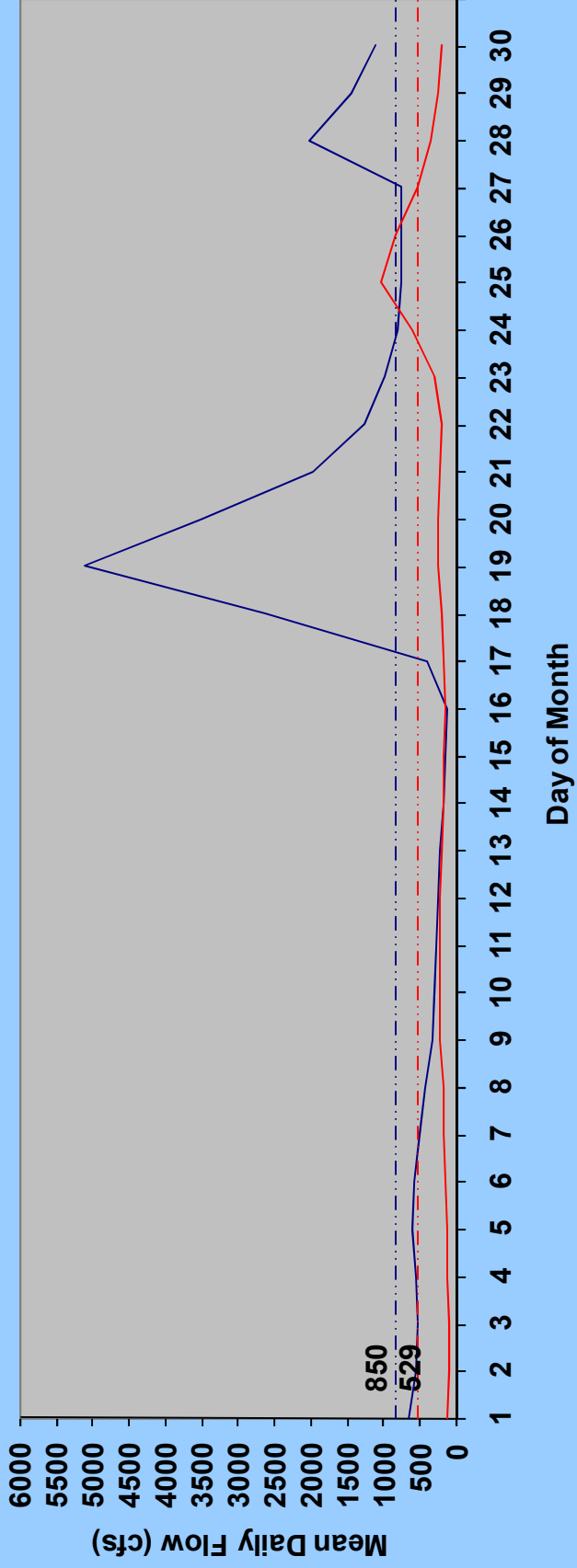
RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	<b>1008</b>
<b>JULESBURG</b>	<b>281</b>
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	<b>287</b>
<b>JULESBURG</b>	<b>152</b>
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	<b>850</b>
<b>JULESBURG</b>	<b>529</b>
*1901-2007 1902-2007	

# SOUTH PLATTE RIVER APRIL 2008



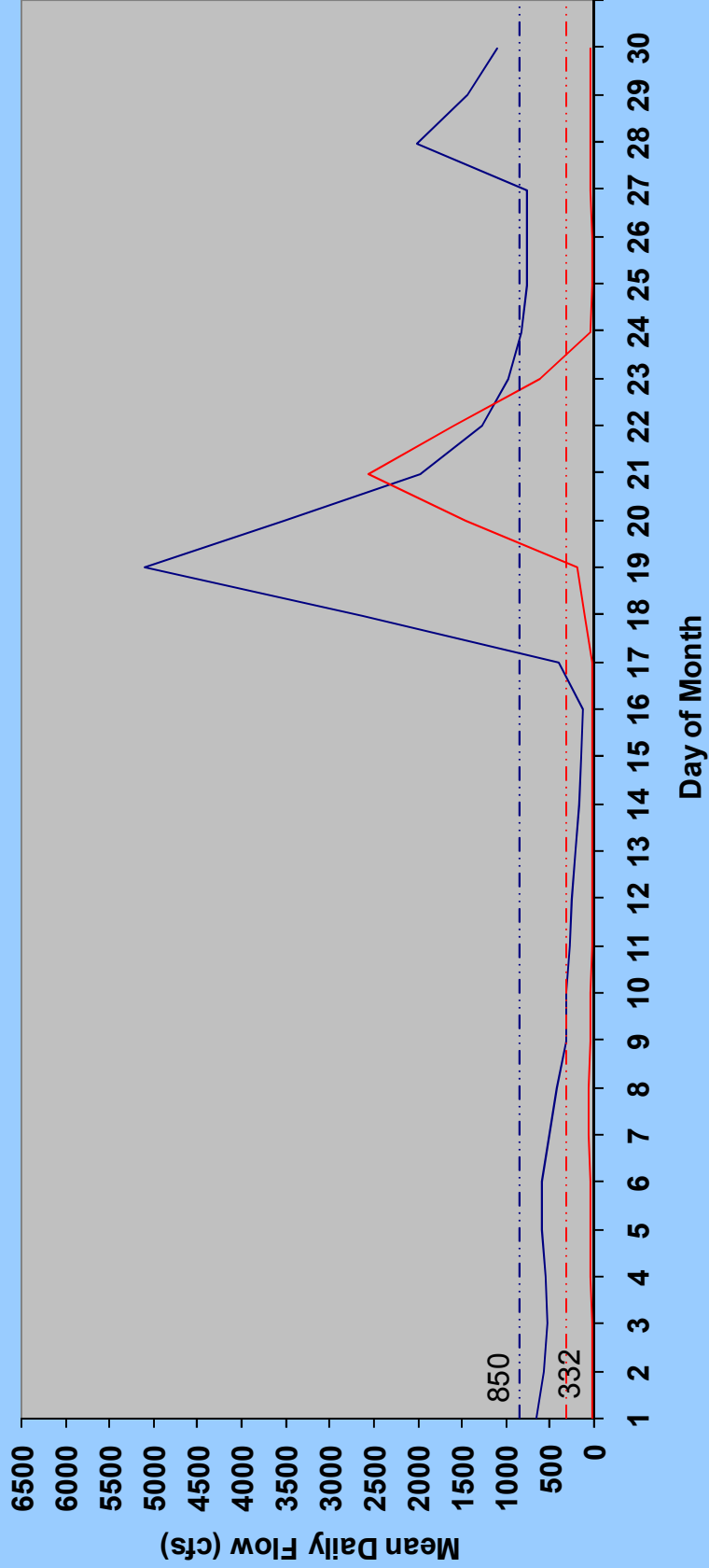
— Kersey — Julesburg —···· Kersey 1901-2006 Avg. - ····· Julesburg 1902-2006 Avg.

# SOUTH PLATTE RIVER APRIL 2009



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

# KERSEY and BALZAC APRIL 2009



— 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	707	Dec	405	1820	1984	13	2002	188
Jan	653	2160	1974	158	1935	706	Jan	514	2510	1970	21	2003	215
Feb	673	3060	1914	152	1935	642	Feb	589	3220	1930	29	2005	146
Mar	690	3470	1983	80	1935	521	Mar	531	12900	1910	15	1904	62
Apr	850	18100	1942	28	1955	1008	Apr	529	14400	1942	4.0	1904	281
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	

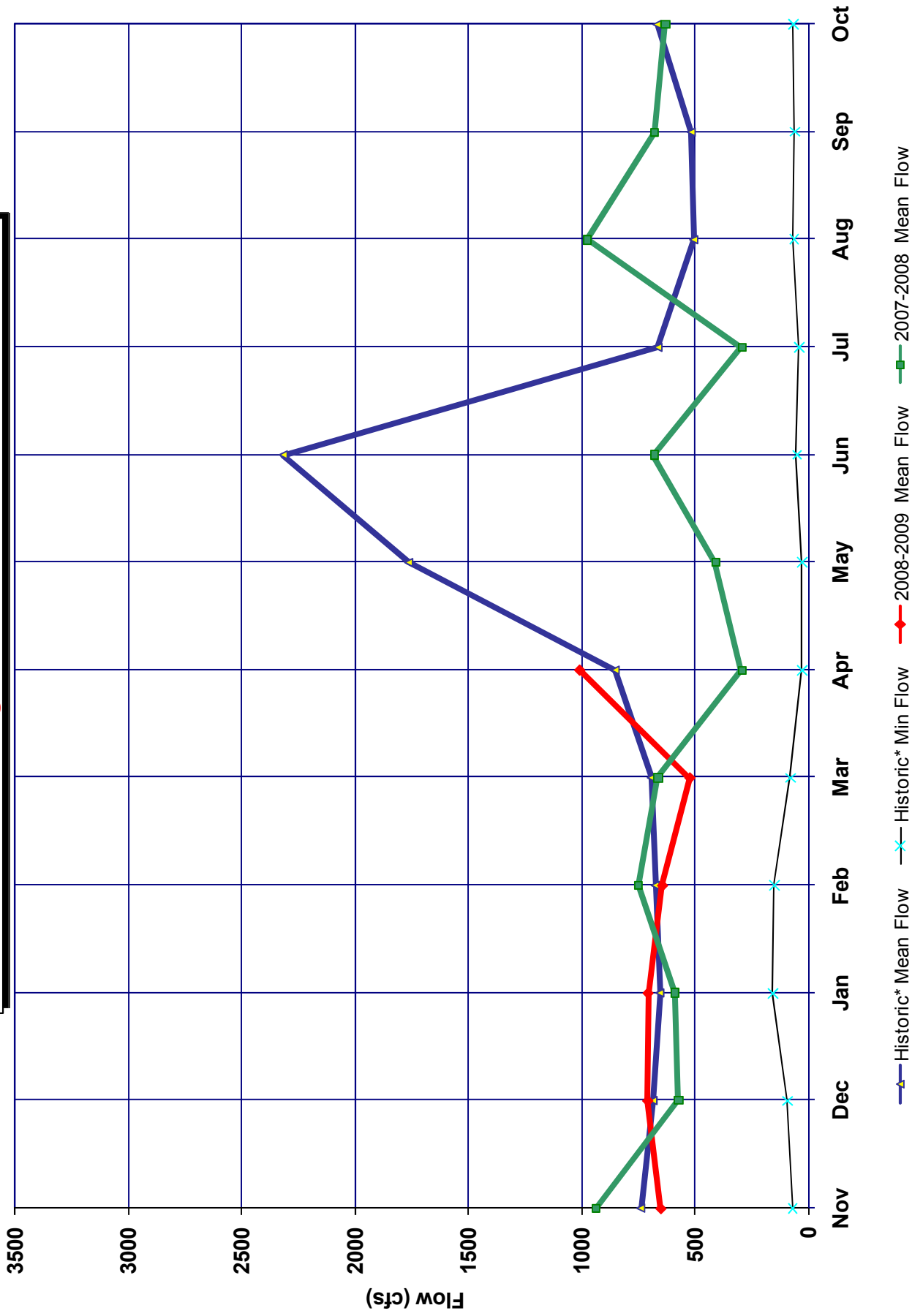
\*Period of record 1901-2007

\*Period of record 1902-2007

**Berthoud Falls Snow Survey Site  
(Photo by Garver Brown)**

# South Platte River at Kersey

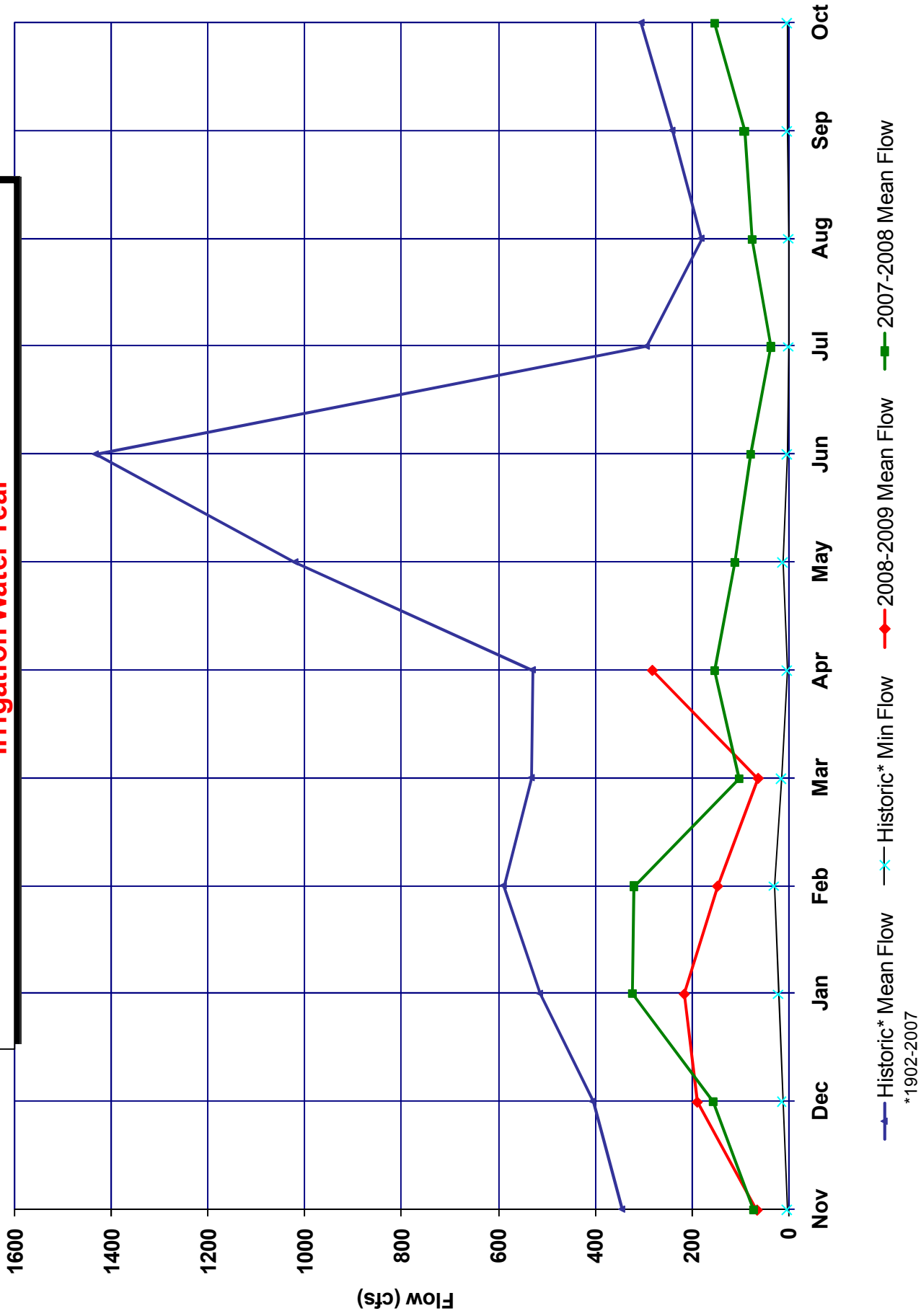
Irrigation Water Year



\*1901-2007

# South Platte River at Julesburg

Irrigation Water Year





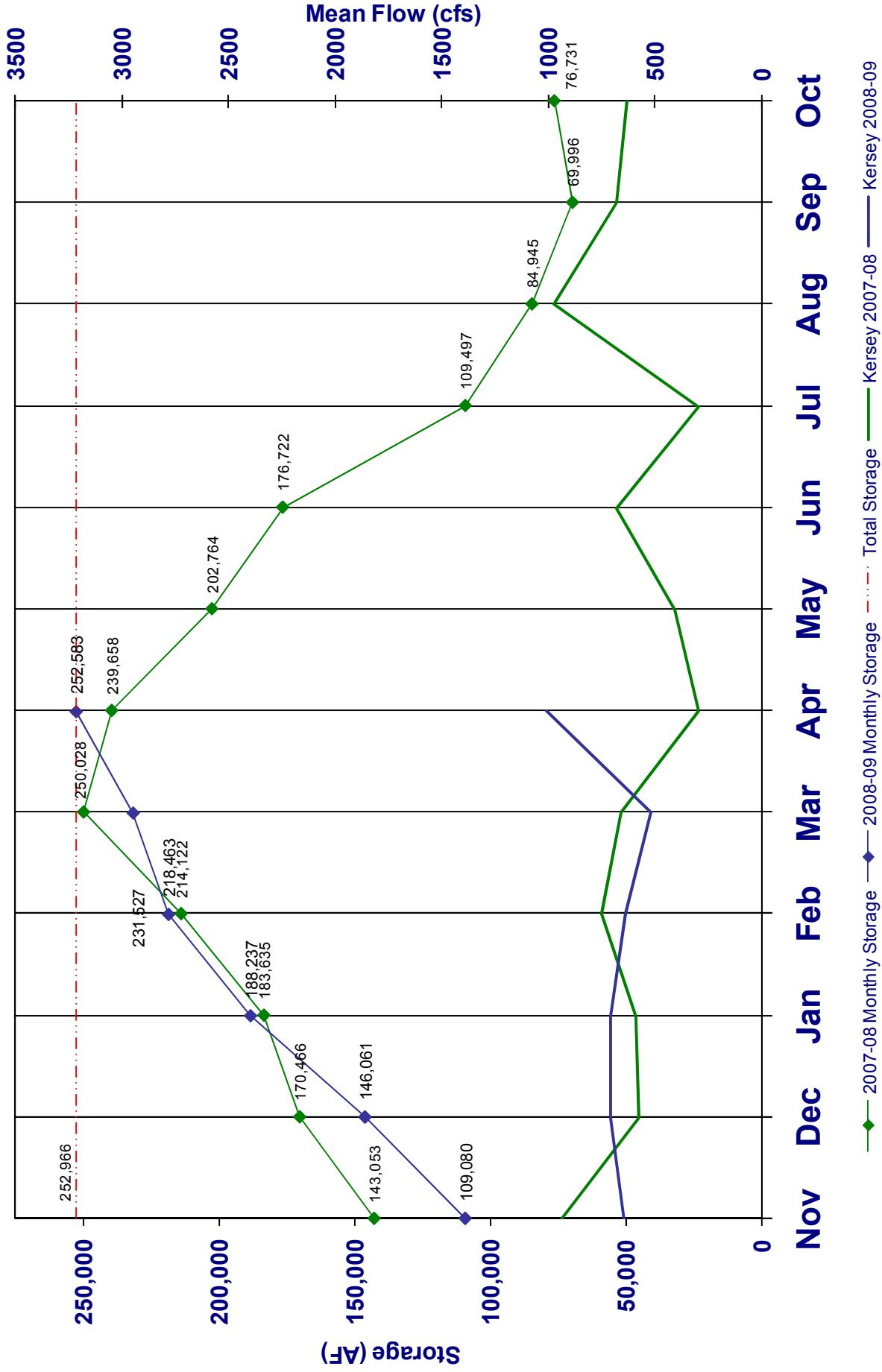
Next four slides show Reservoir Storage below and above  
Kersey



Structure on Anson A. Allen  
Ditch / Tarryall Creek  
(Photo by Garver Brpwm)

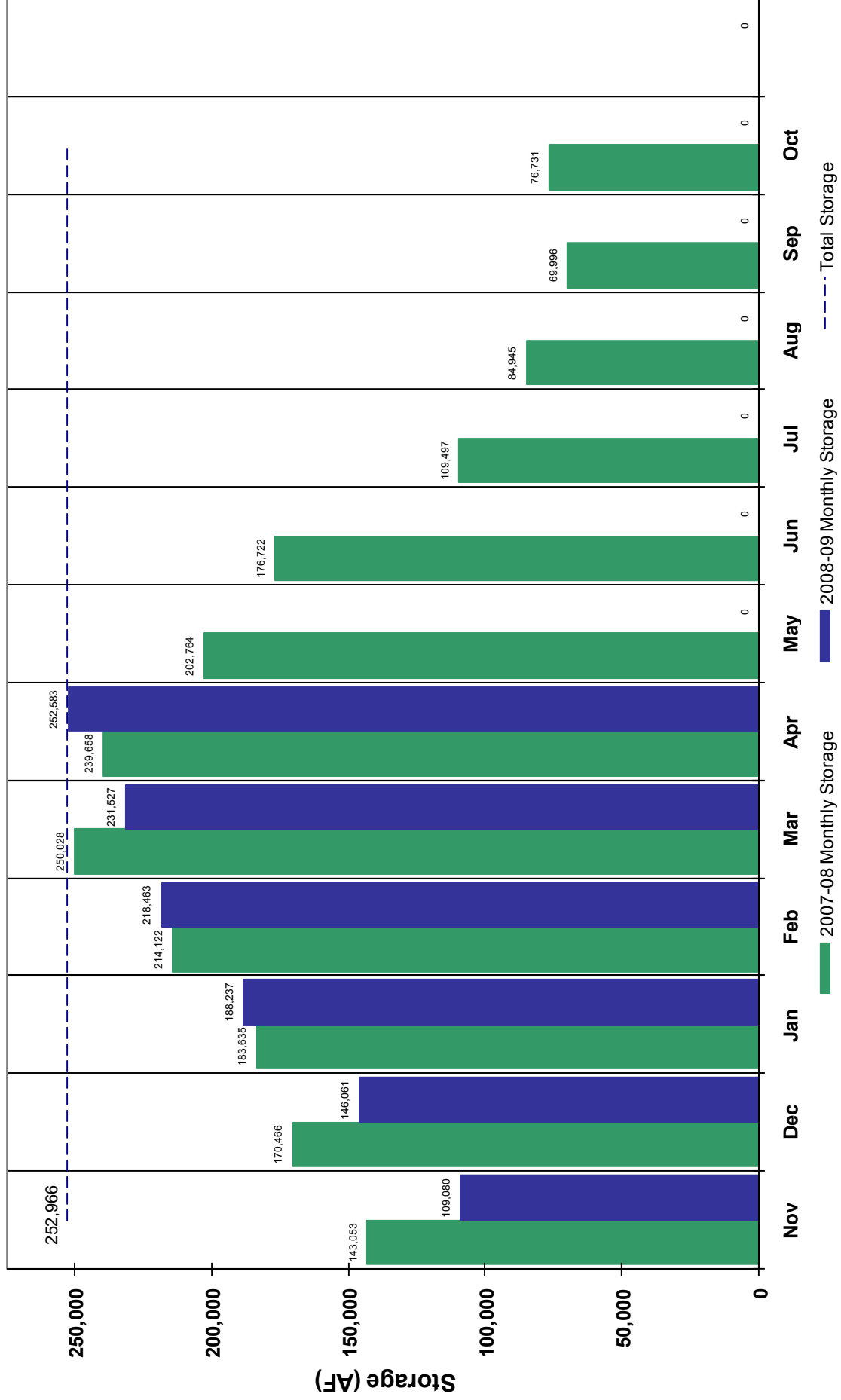
# Reservoir Storage below Kersey

Selected Reservoirs\*



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

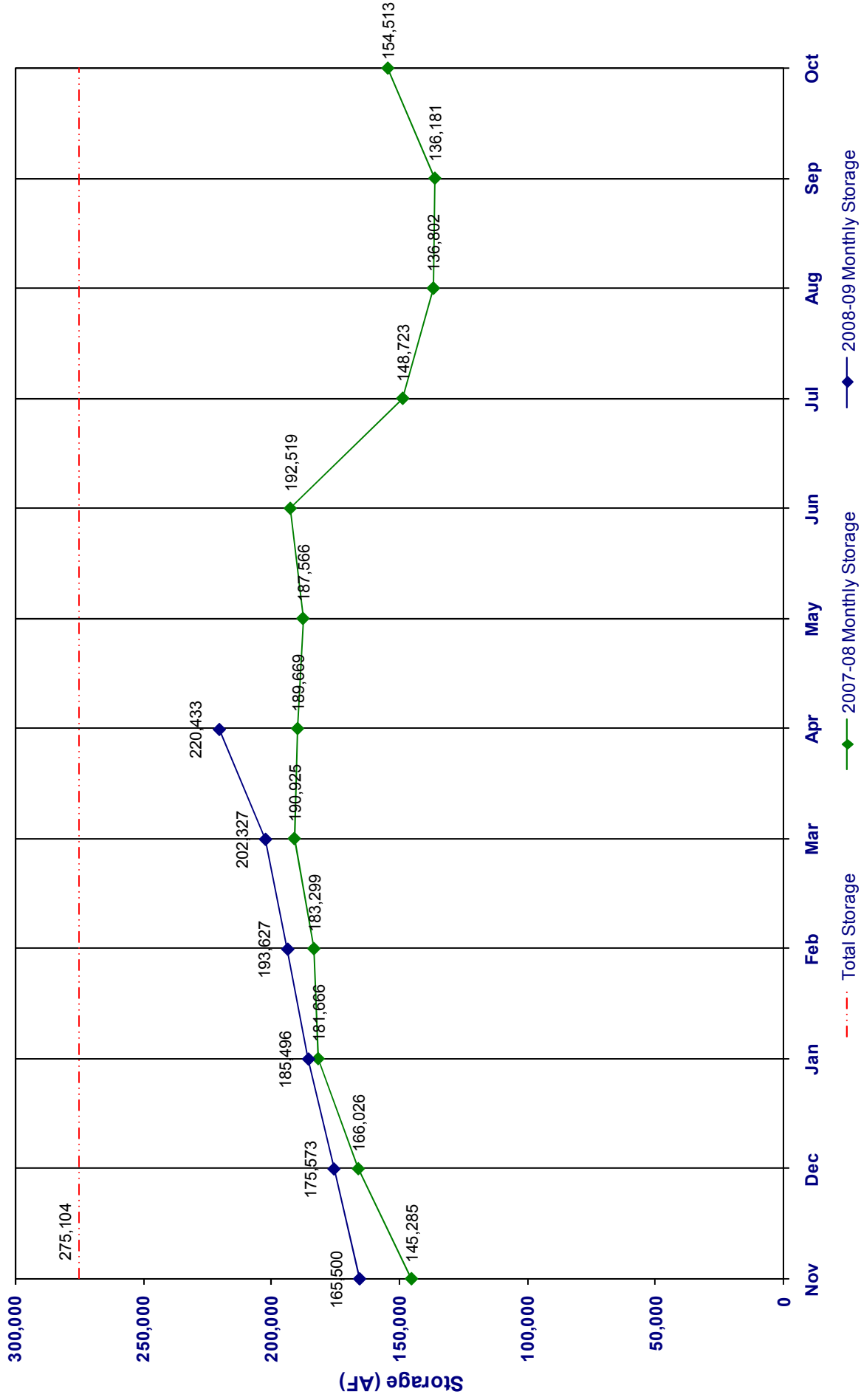
# South Platte Reservoirs Storage below Kersey\*



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

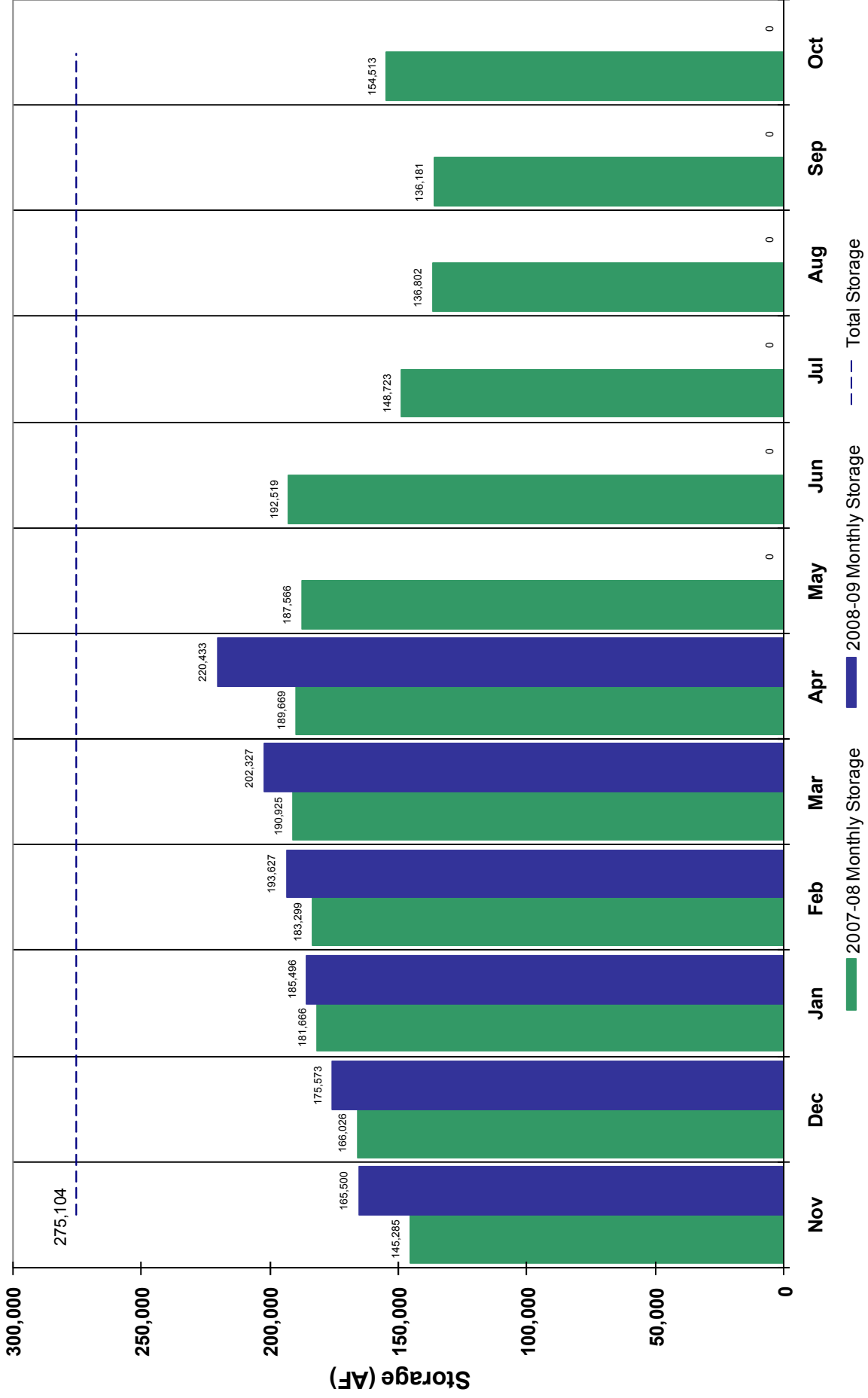
# Reservoir Storage above Kersey

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\*



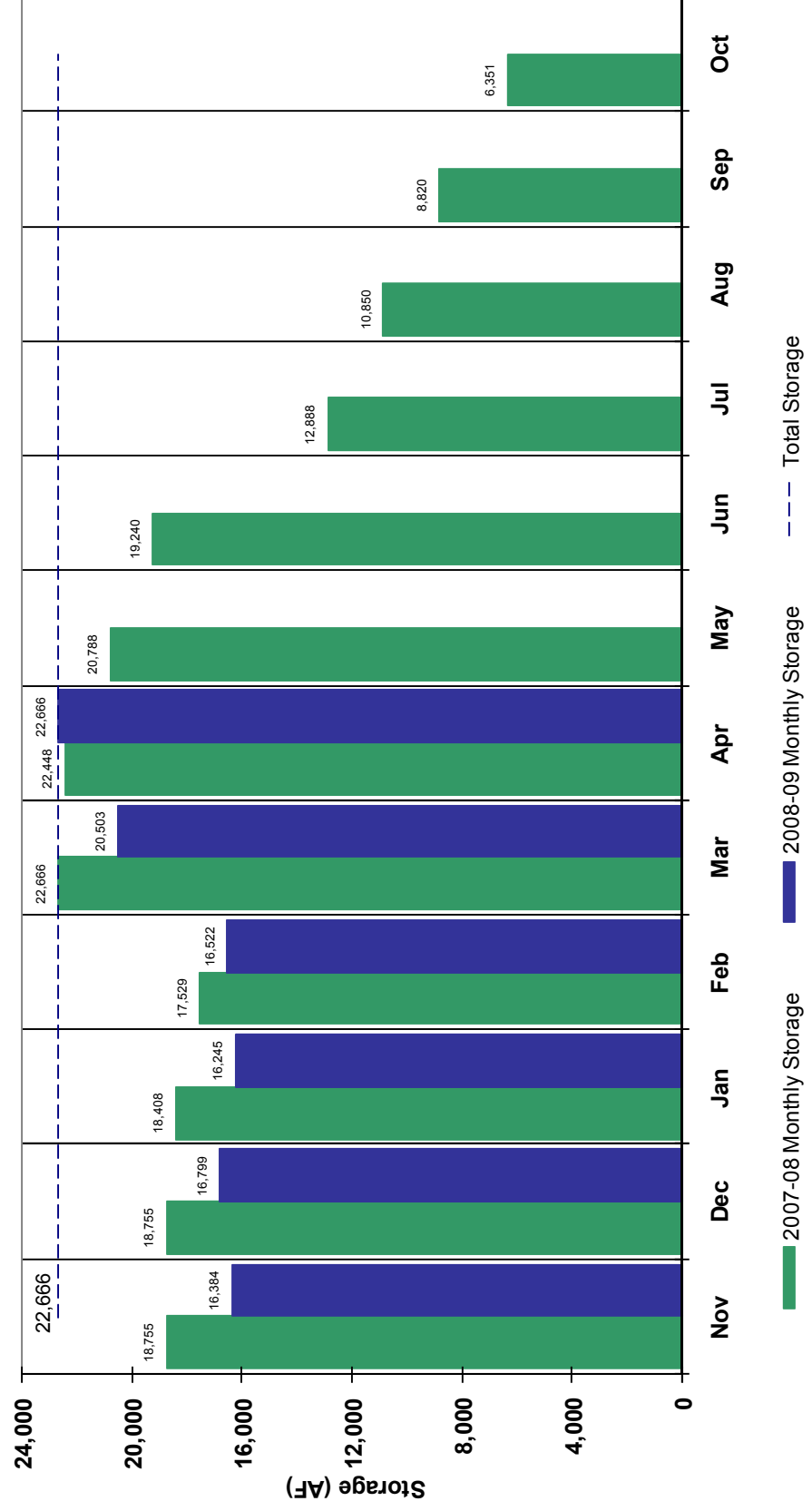
\*Barr, Cobb, Fossil Crk, Halligan, Marshall, Milton, Union, Standley, Lower Latham, Boyd, Loveland, Windsor, Horse Crk, & Prospect

# Individual Reservoir Storage Follows

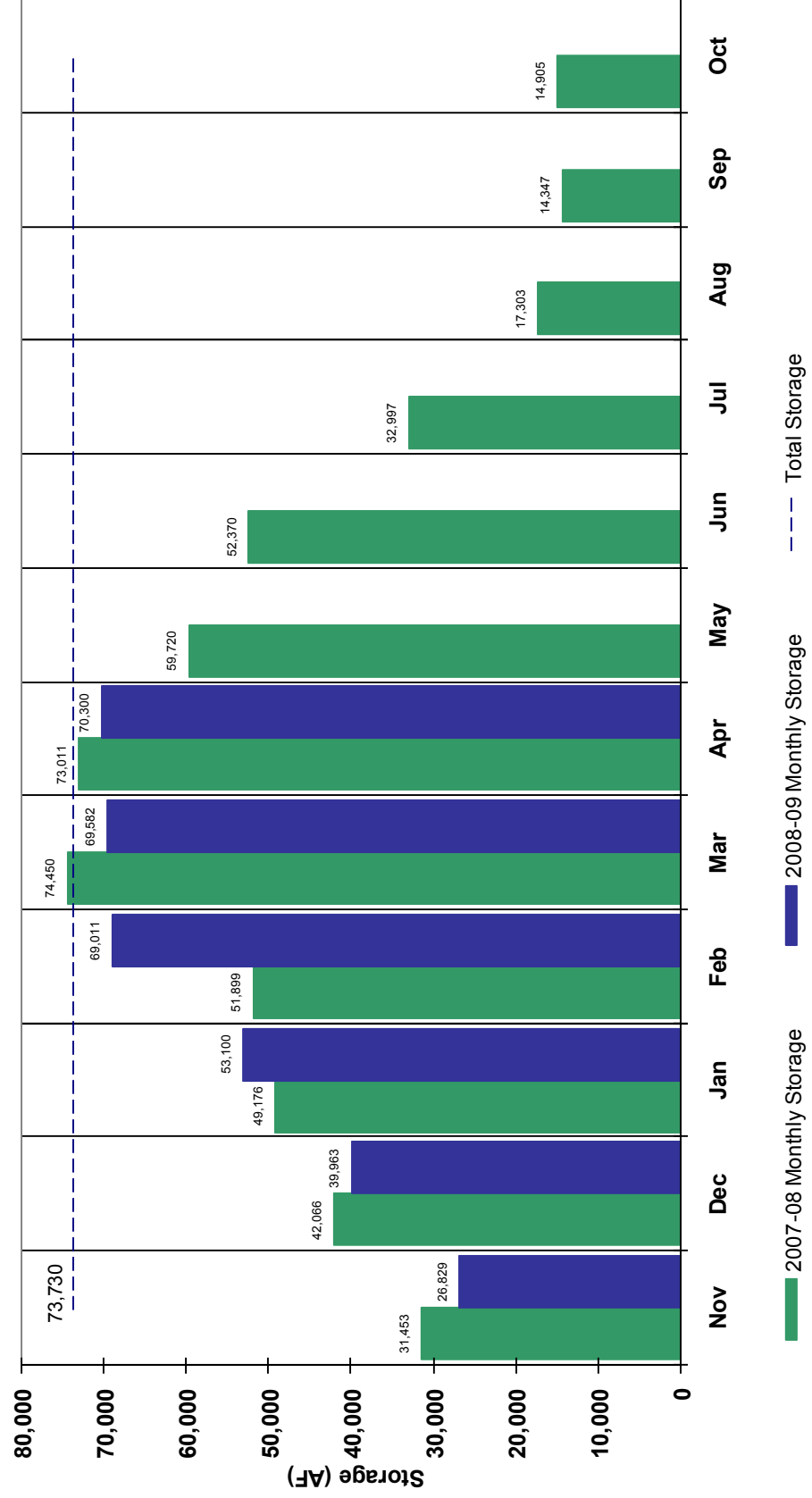


Hartsel Hot Spring, Hartsel, CO  
(Photo by Garver Brown)

# Julesburg Reservoir (District 64 - Agricultural)

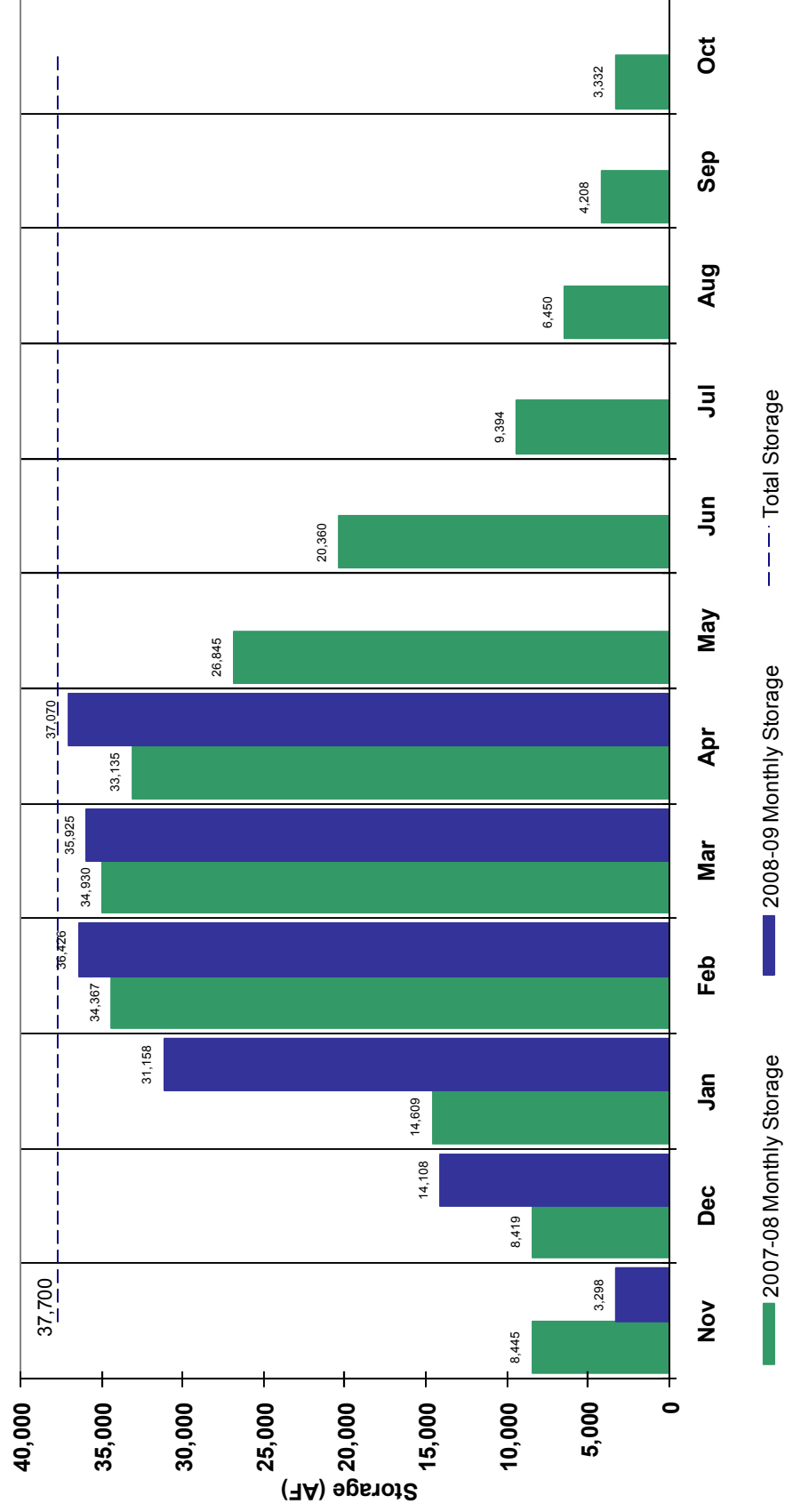


# North Sterling Reservoir (District 64-Agricultural)

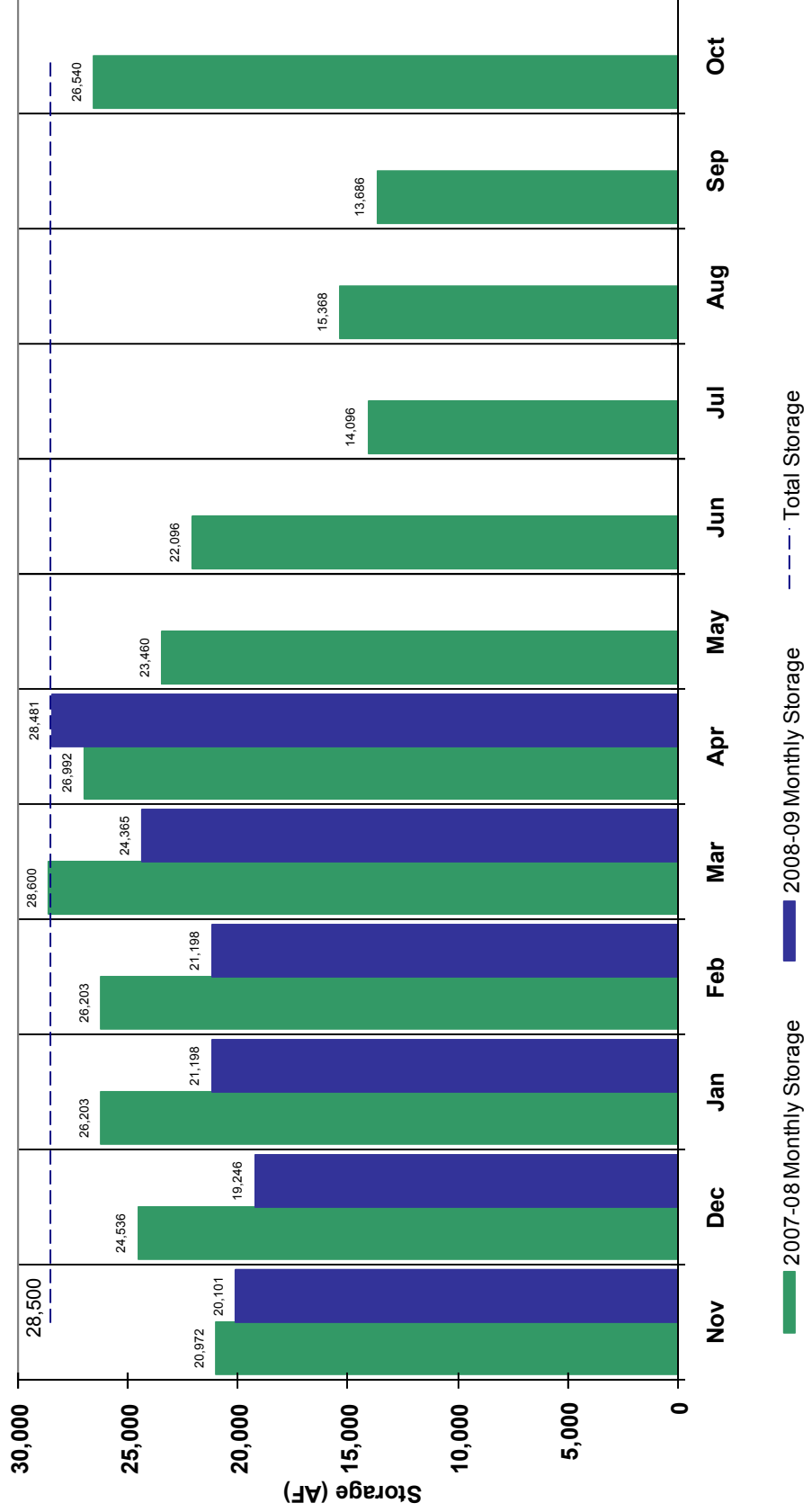




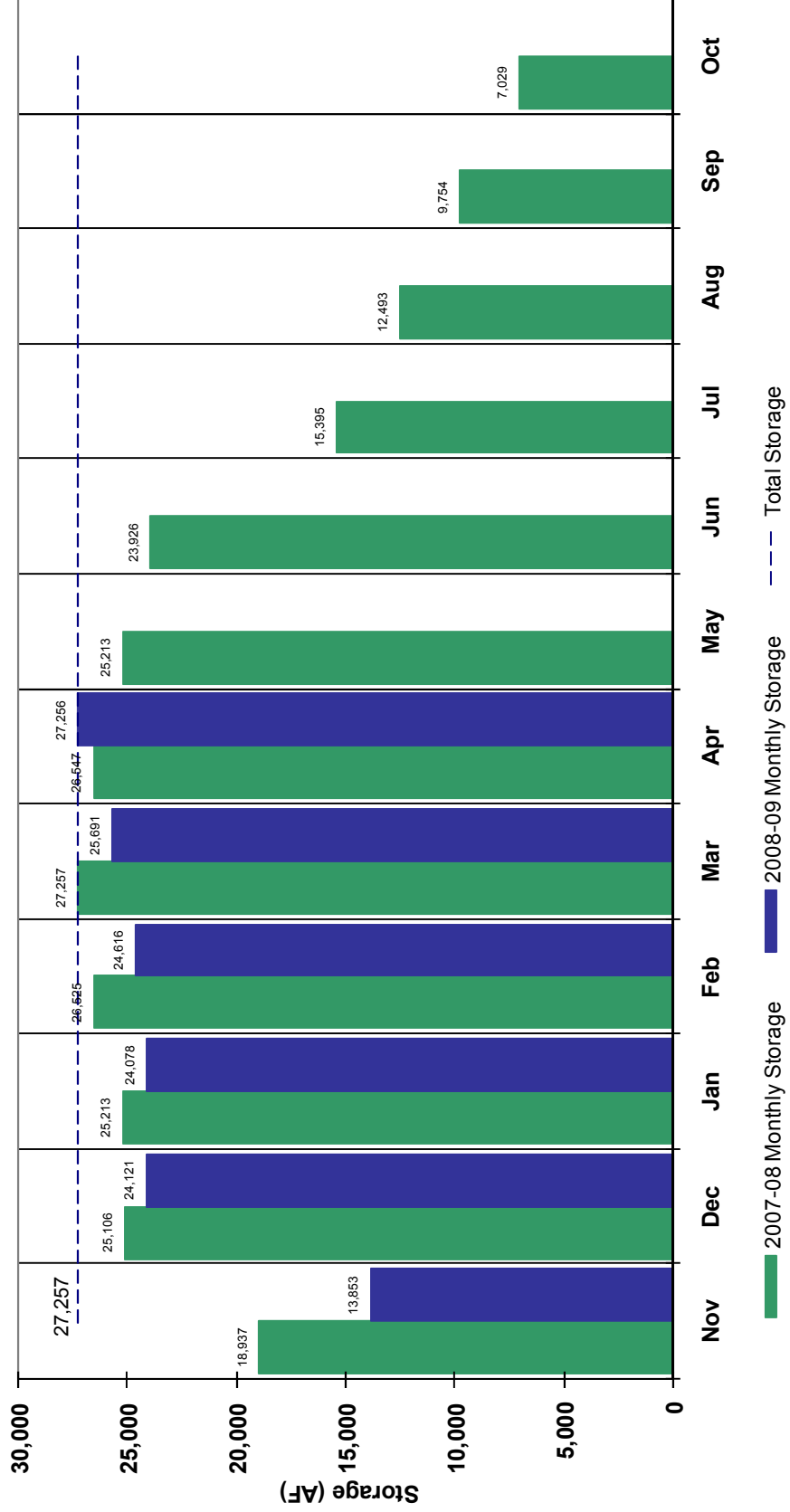
# Empire Reservoir (District 1 - Agricultural)



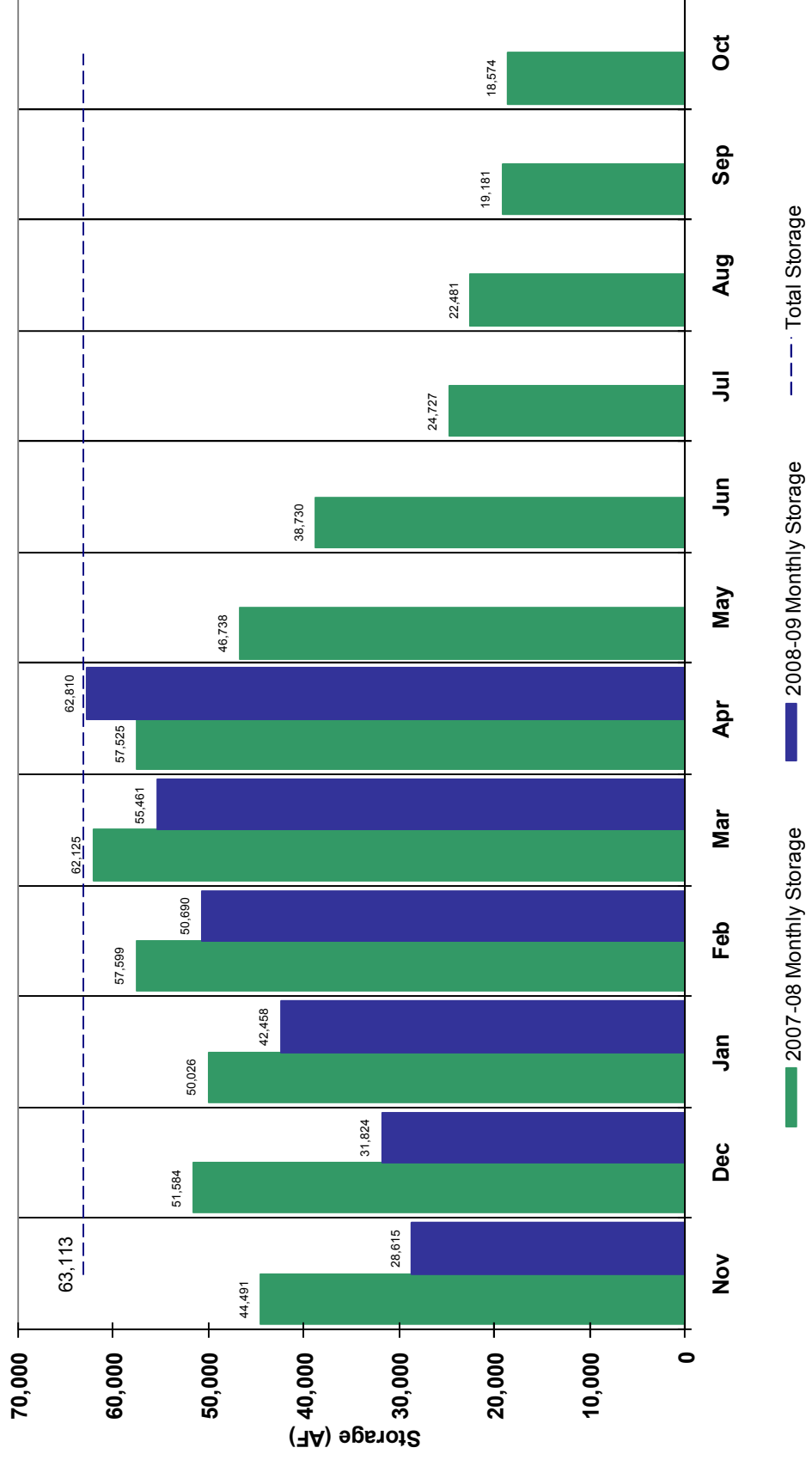
# Prewitt Reservoir (District 64- Agricultural)



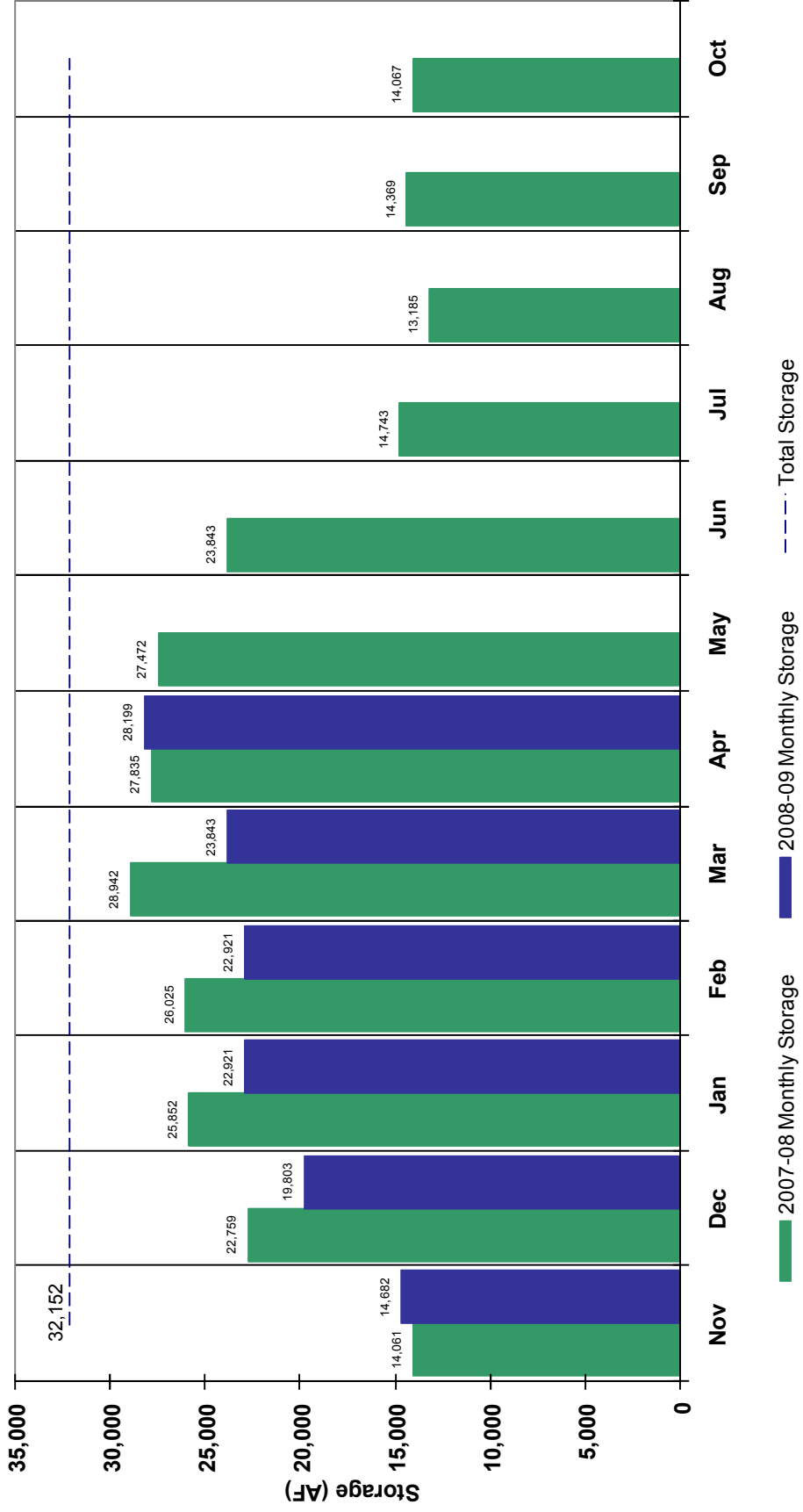
# Jackson Reservoir (District 1 - Agricultural)



# Riverside Reservoir (District 1 - Agricultural)

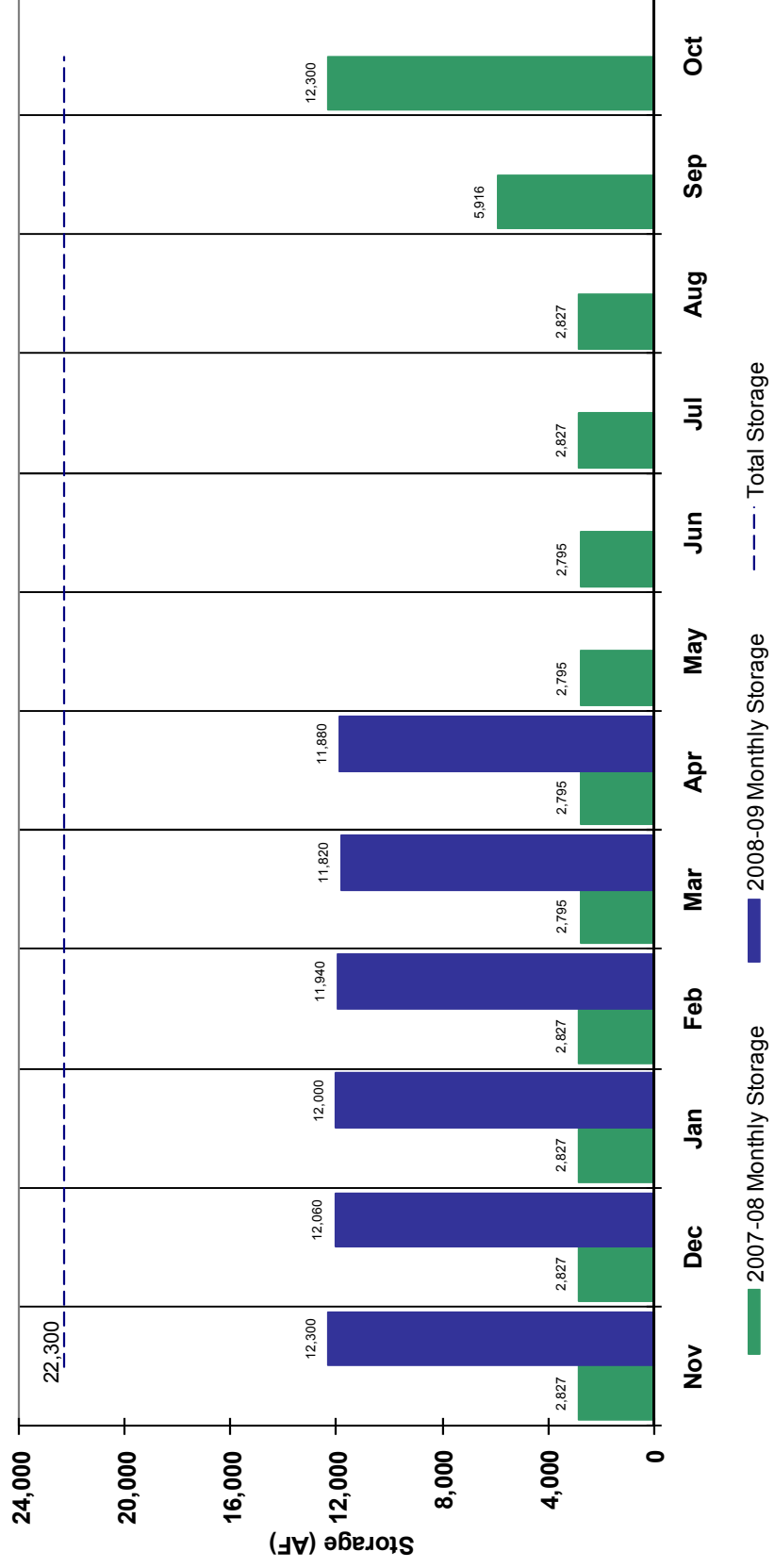


# Barr Lake (District 2 - Agricultural)



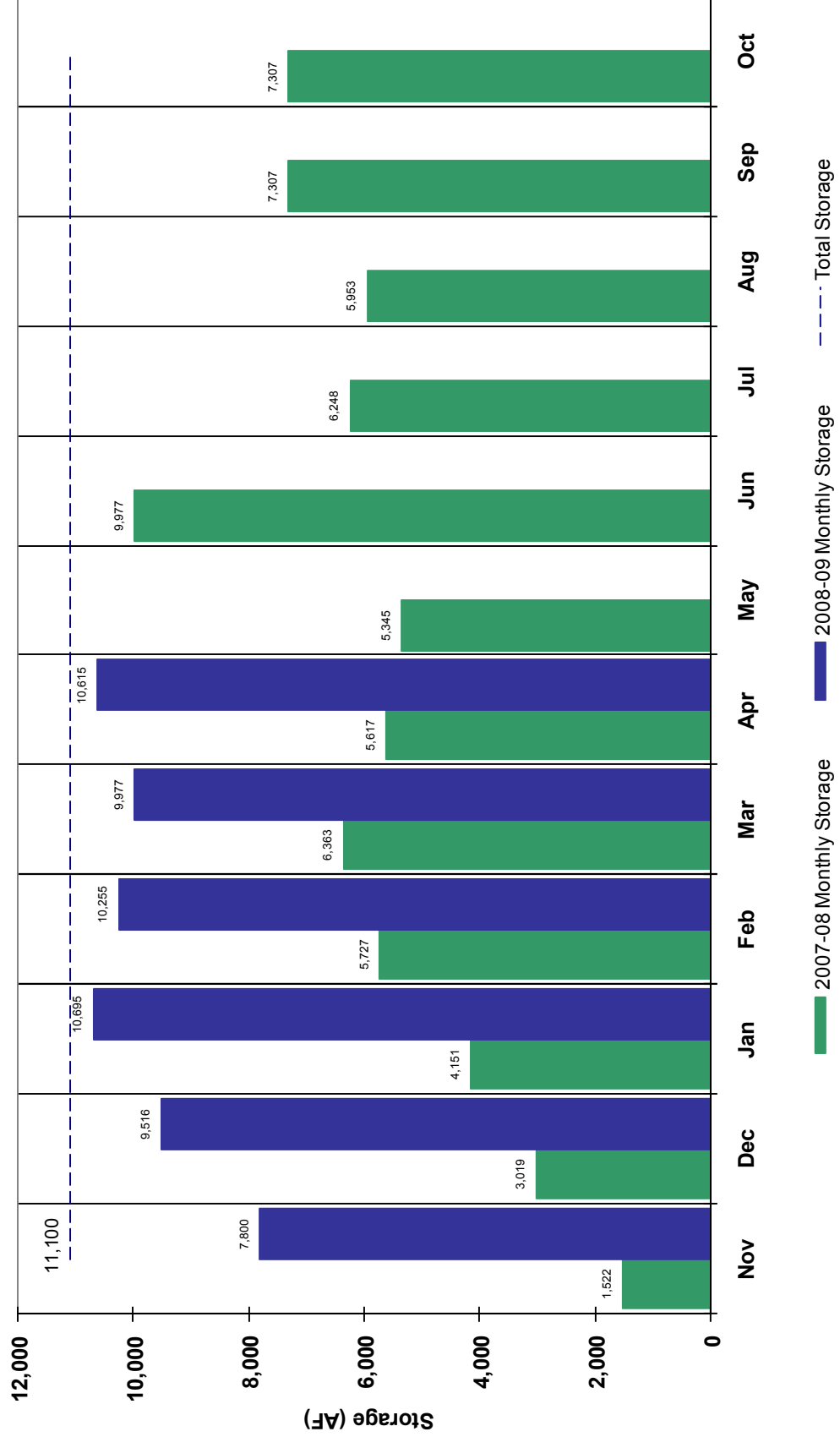
# Cobb Lake

(District 3, Poudre River - Agricultural)



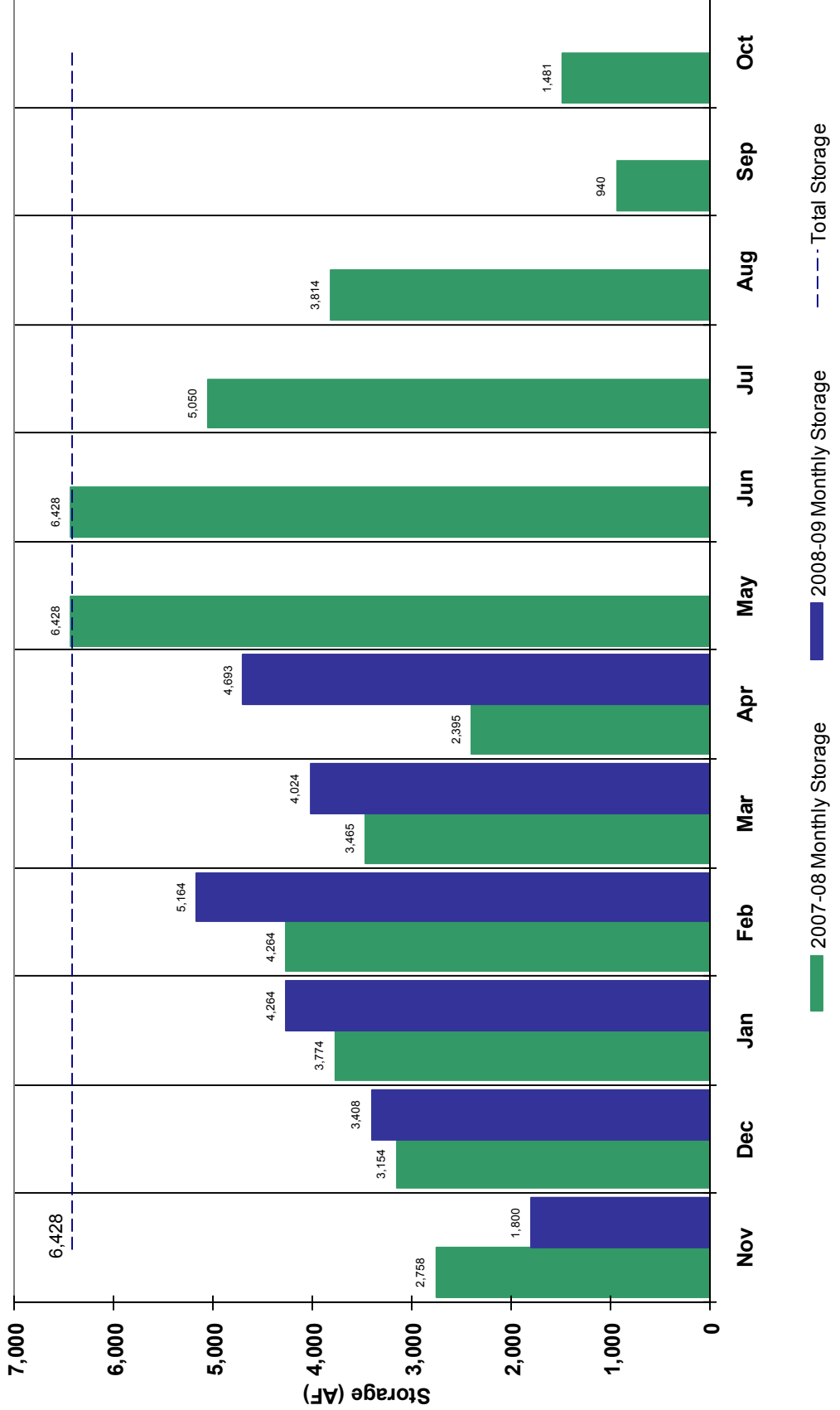
# Fossil Creek Reservoir

(District 3, Poudre River - Agricultural)



# Halligan Reservoir

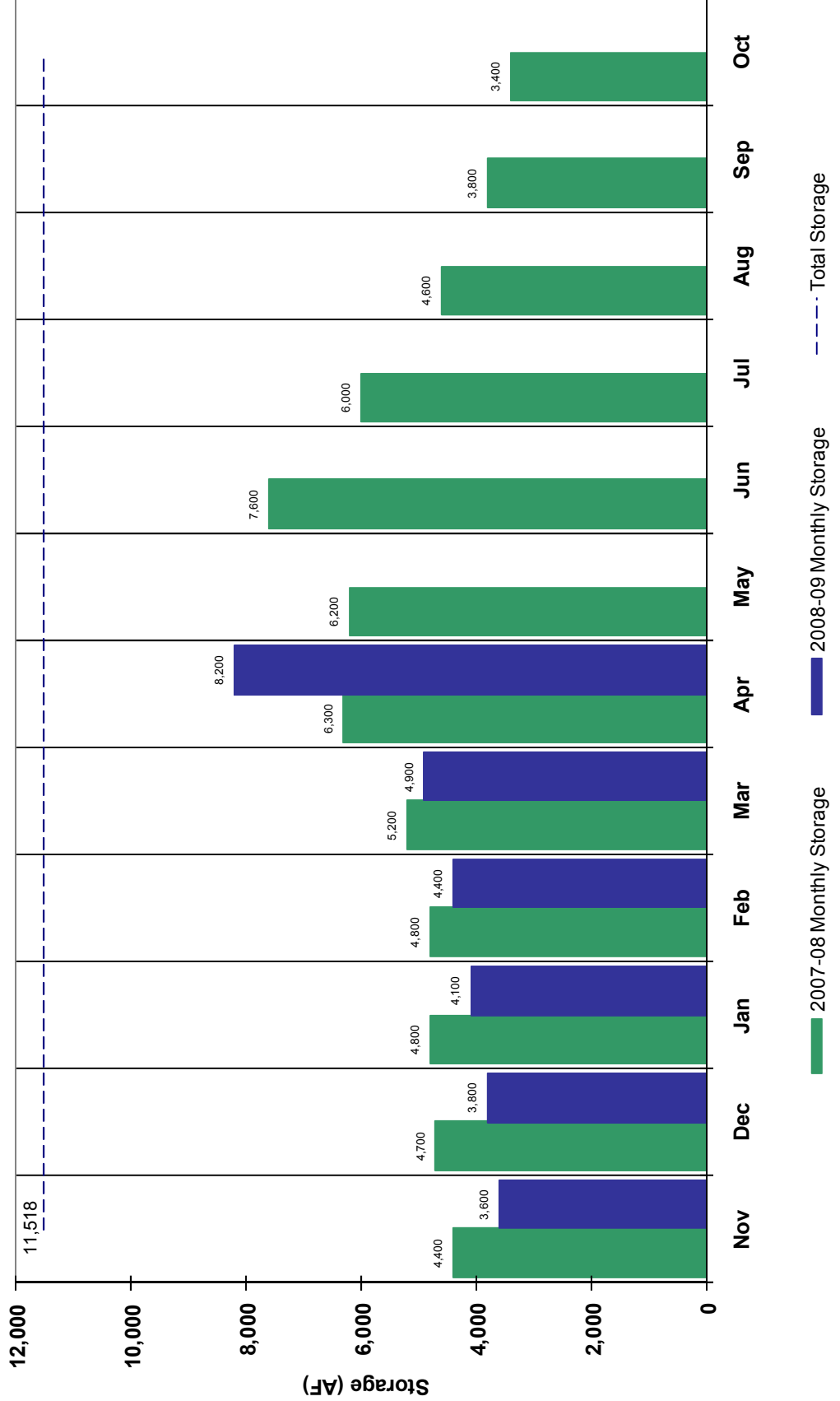
(District 3, Poudre River - Agricultural)





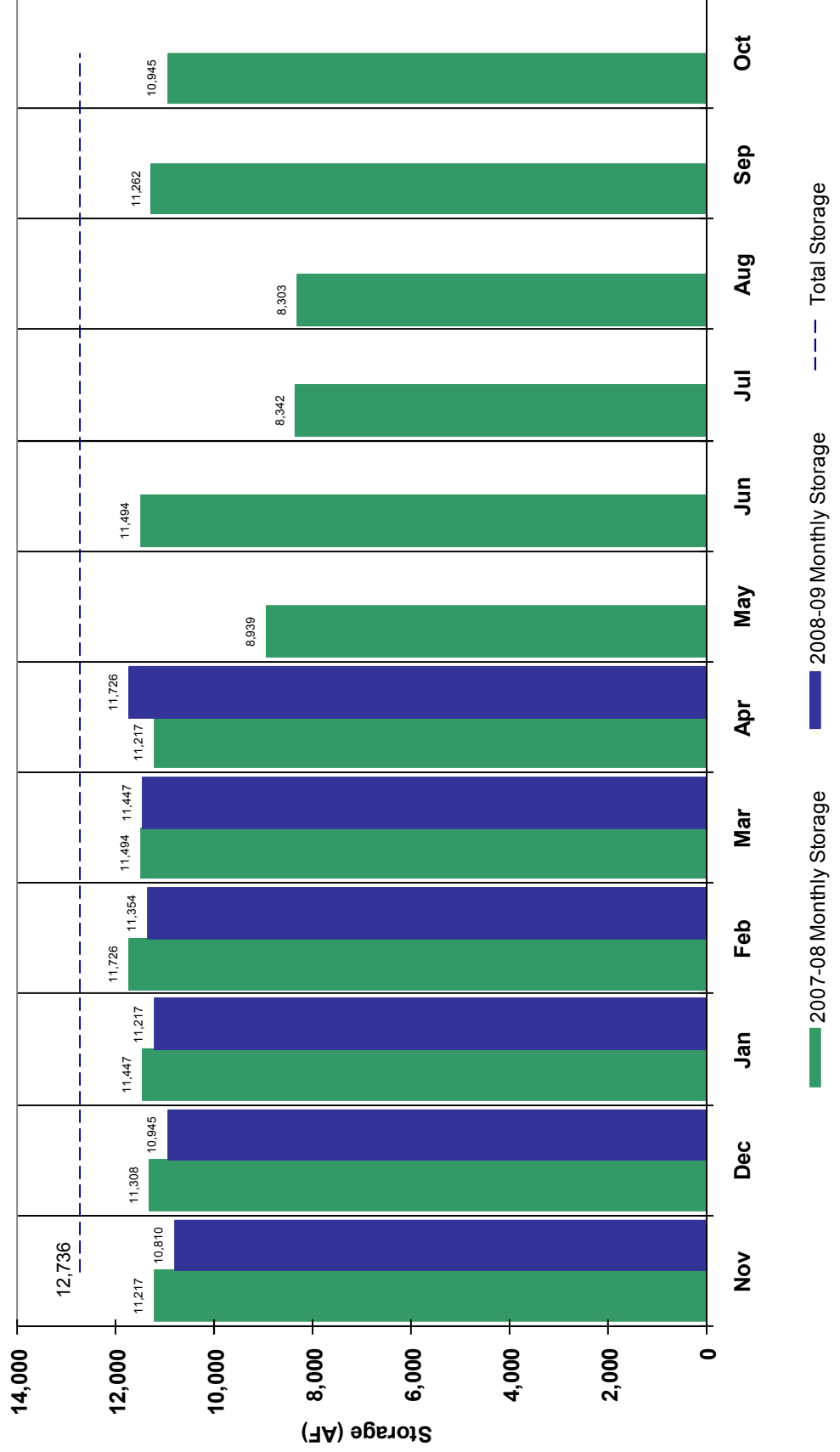
# Marshall Lake

(District 6, Boulder Creek - Agricultural)

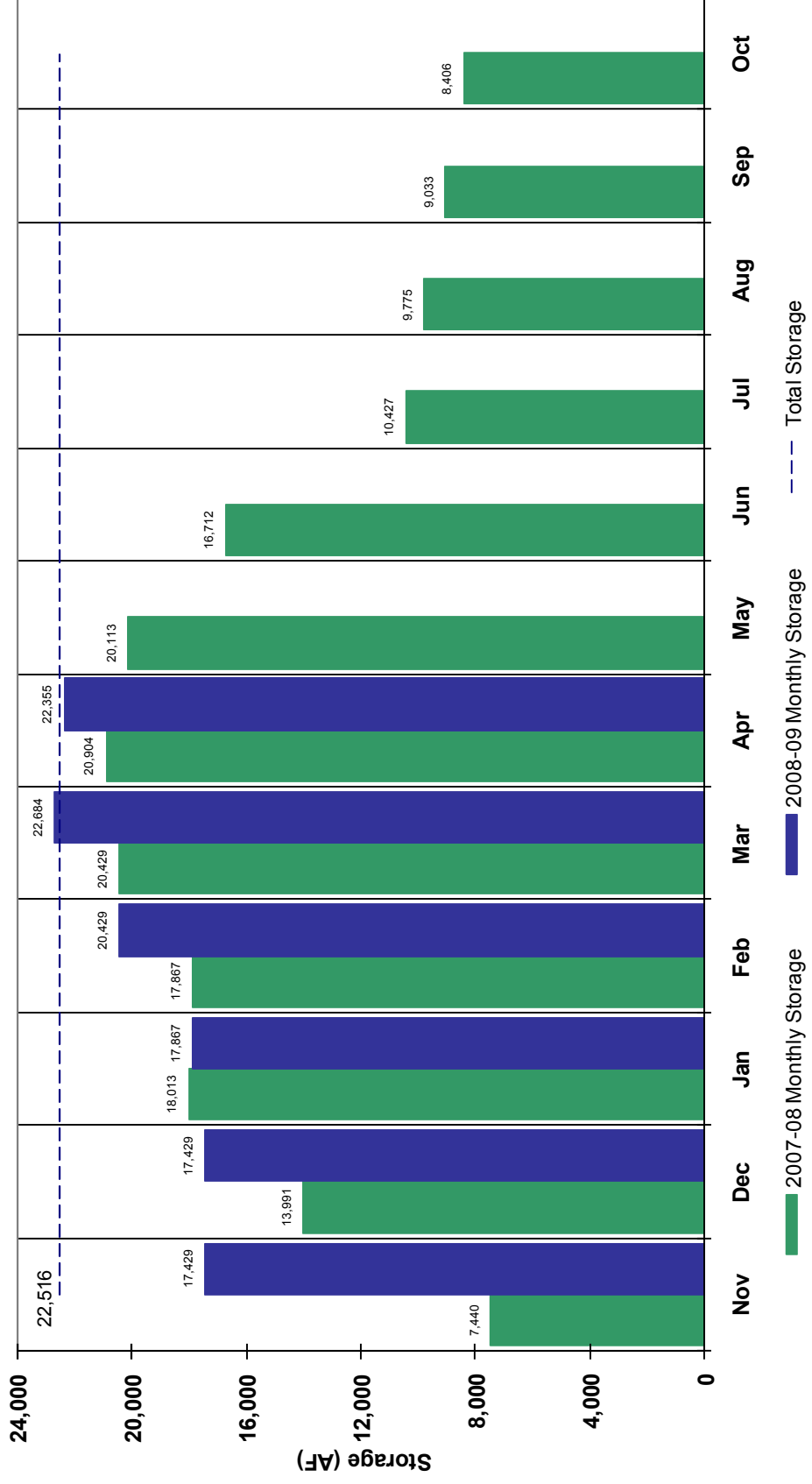


# Loveland Greeley Reservoir

(District 4, Big Thompson River - Agricultural)

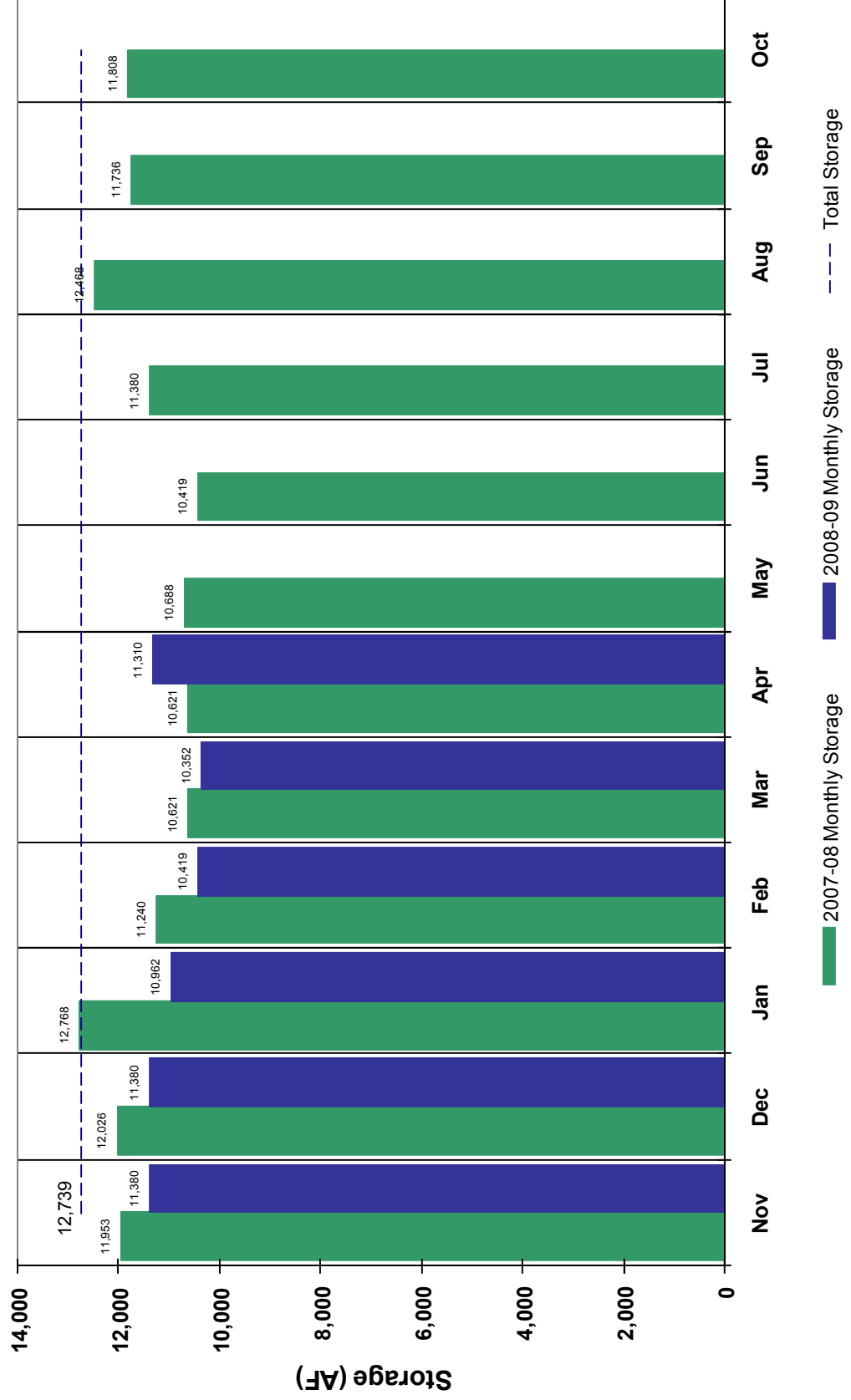


# Milton Reservoir (District 2 - Agricultural)

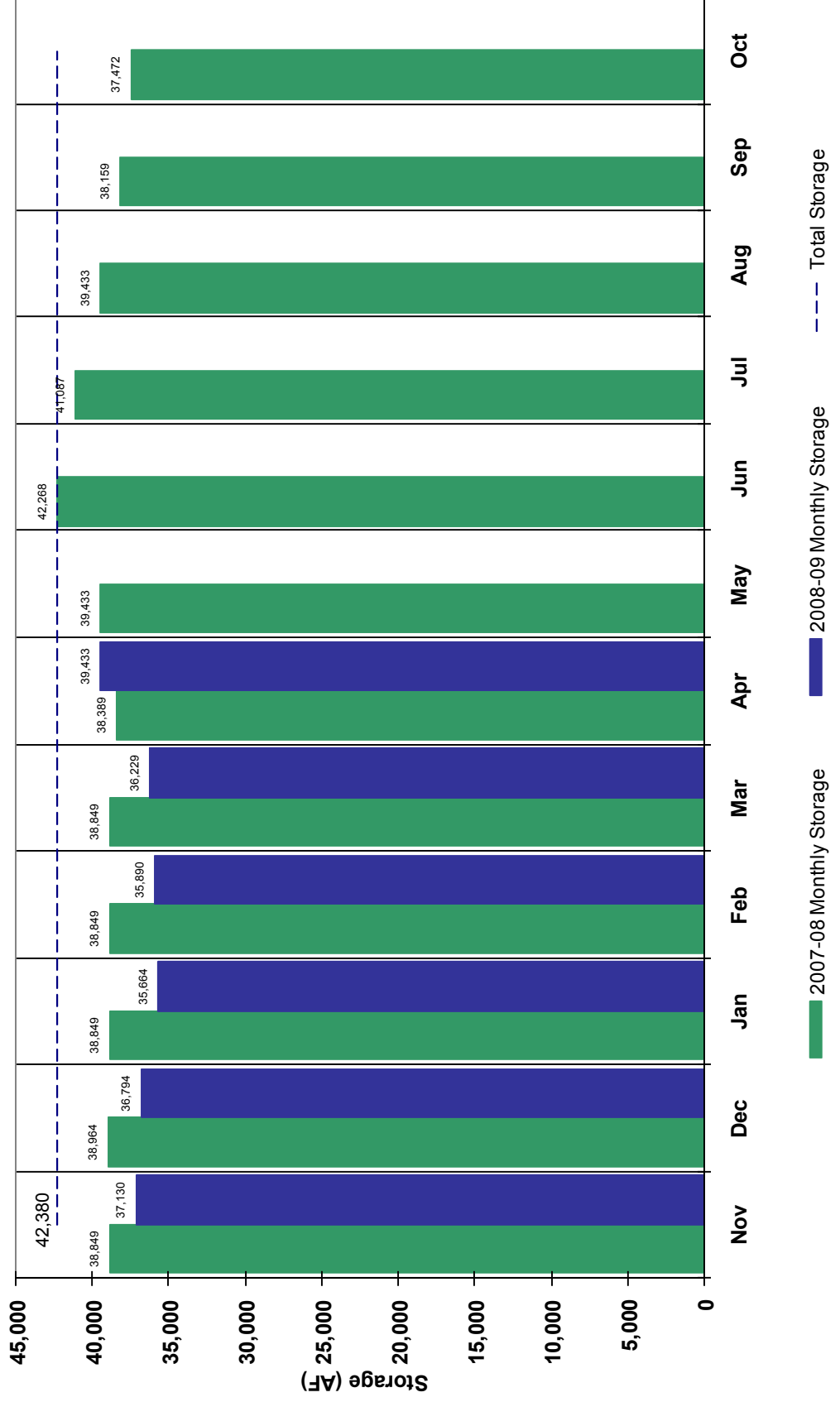


# Union Reservoir

(District 5, St. Vrain Creek - Agricultural)

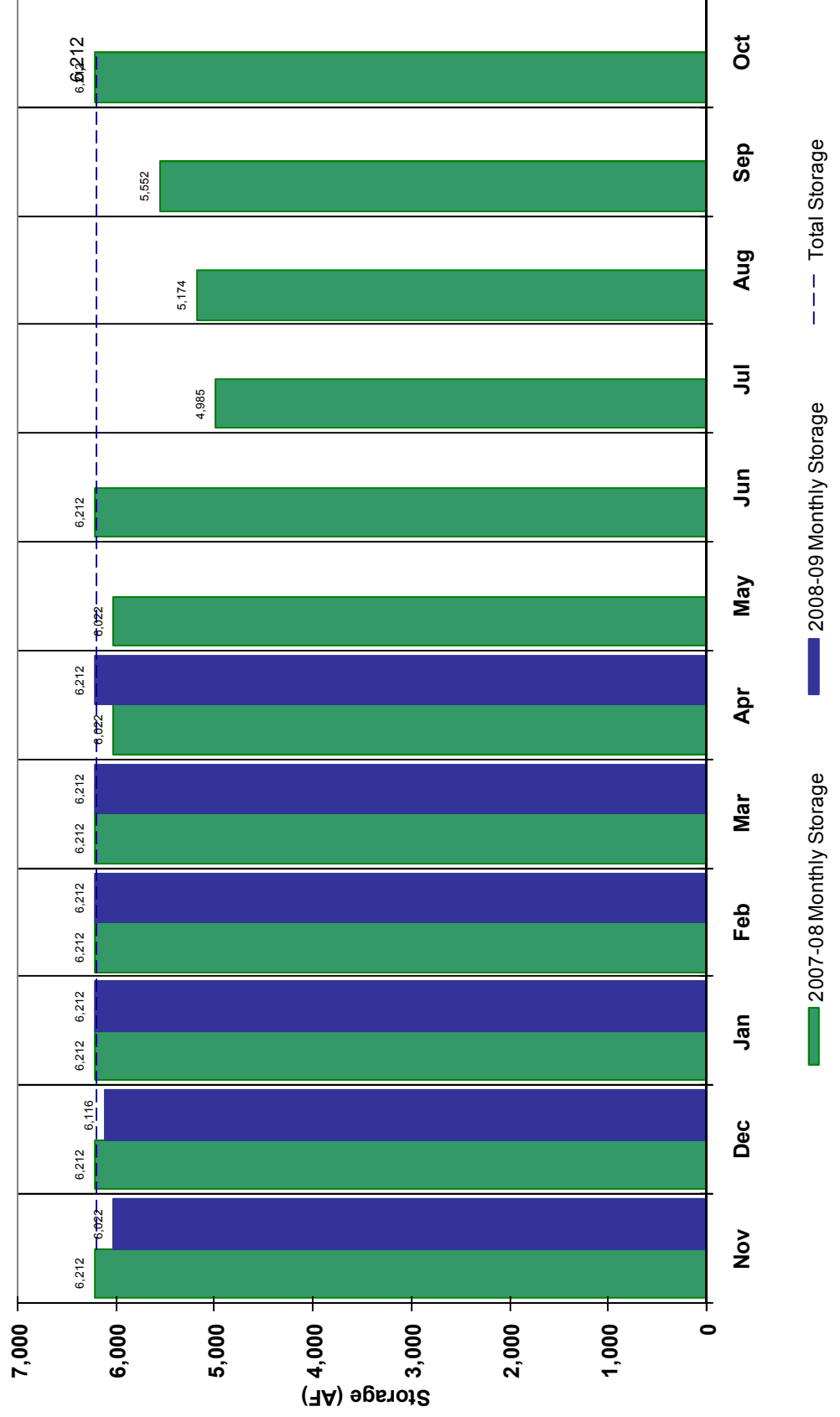


# Standley Lake (Agricultural)



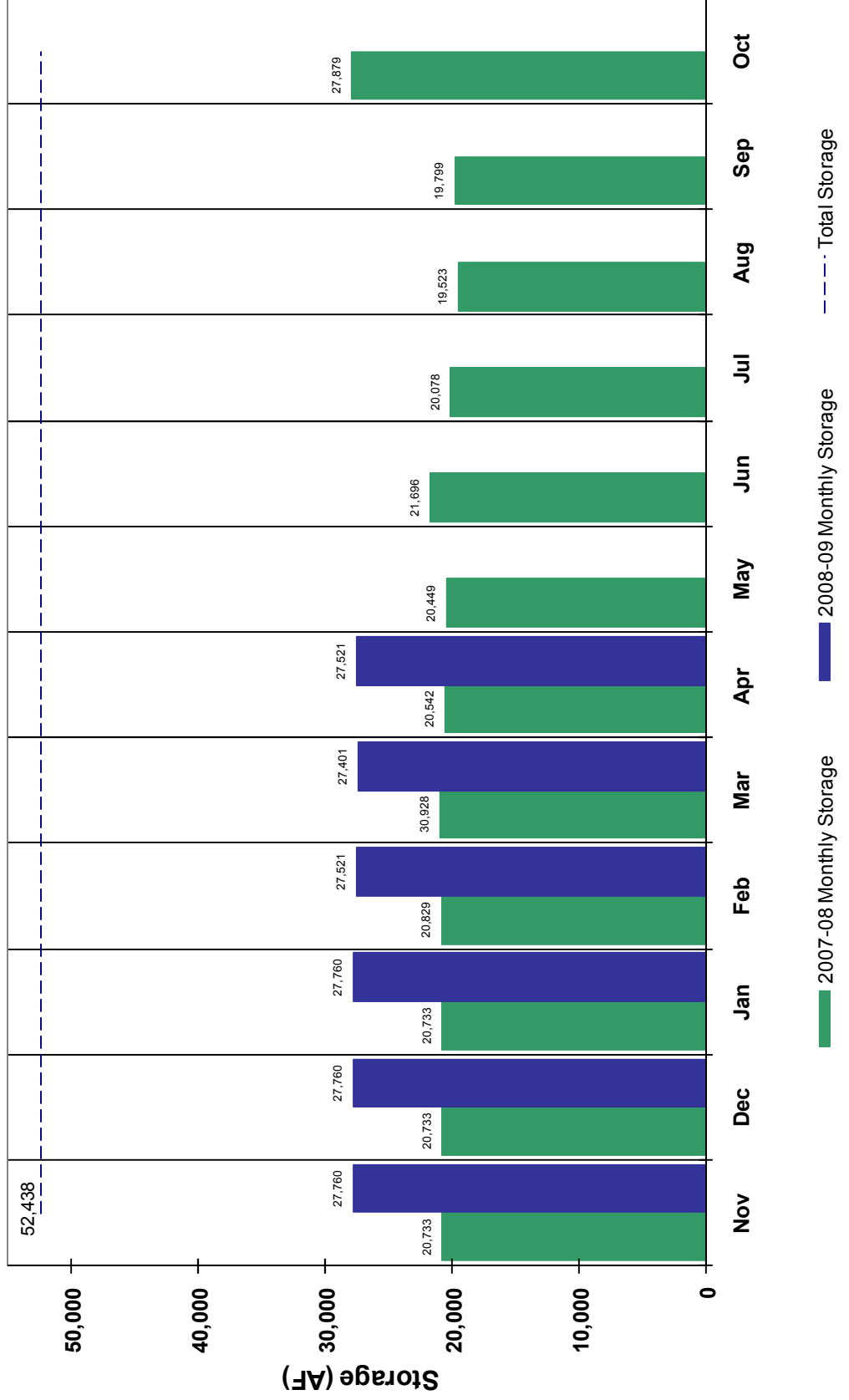
# Lower Latham Reservoir

(District 2 - Agricultural)



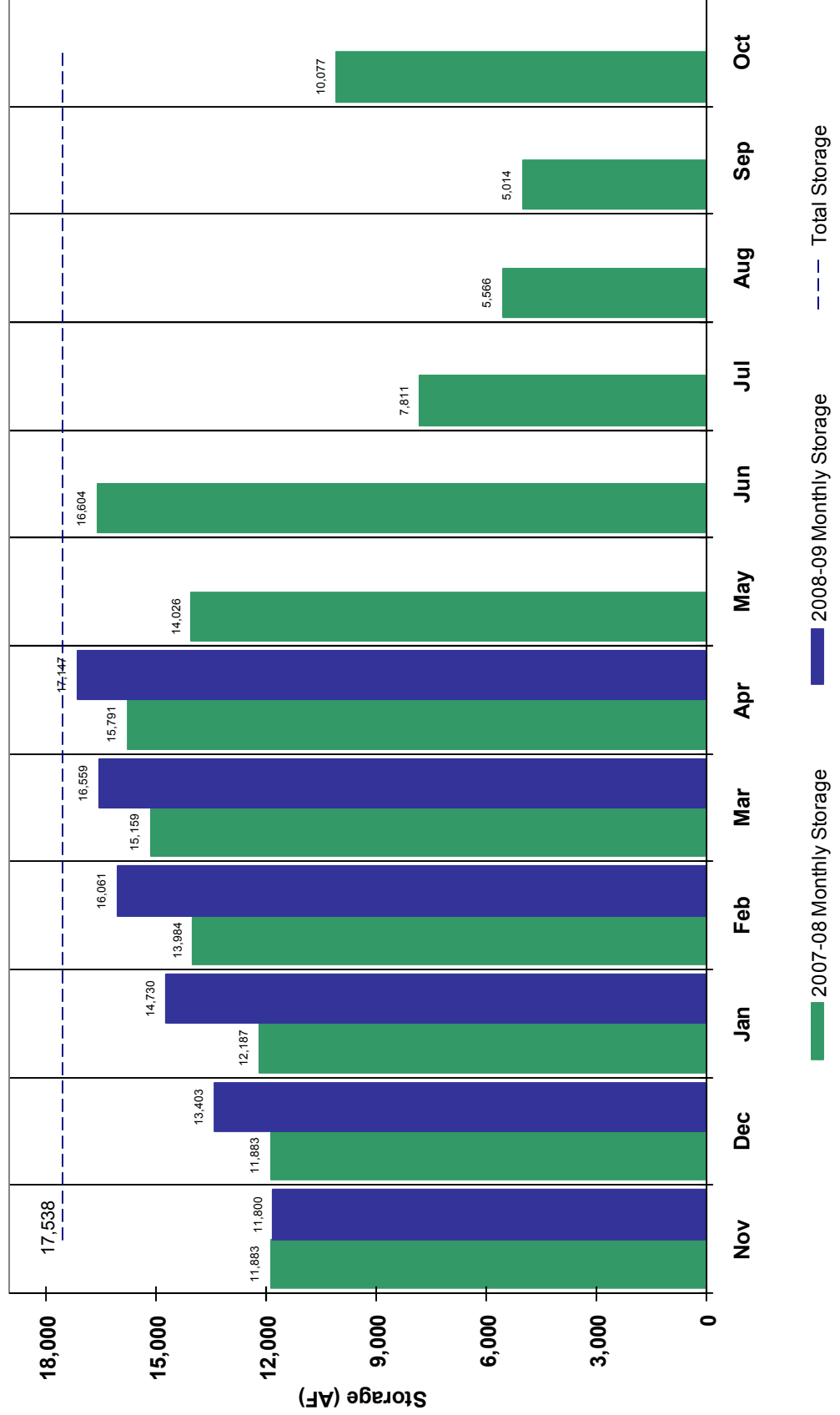
# Boyd Lake

(District 4, Big Thompson River - Agricultural)



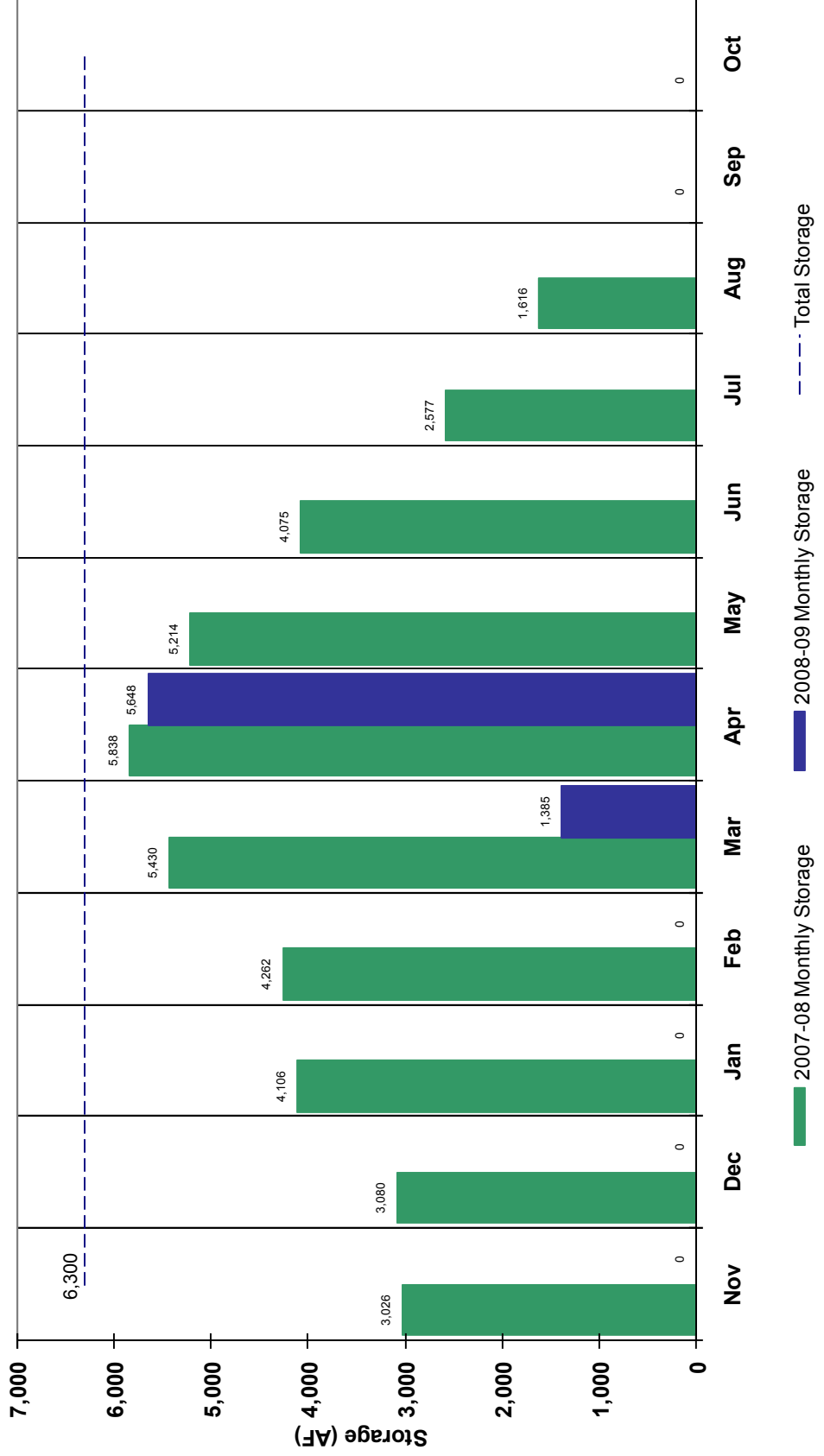
# Windsor Reservoir

(District 3, Poudre River - Agricultural)

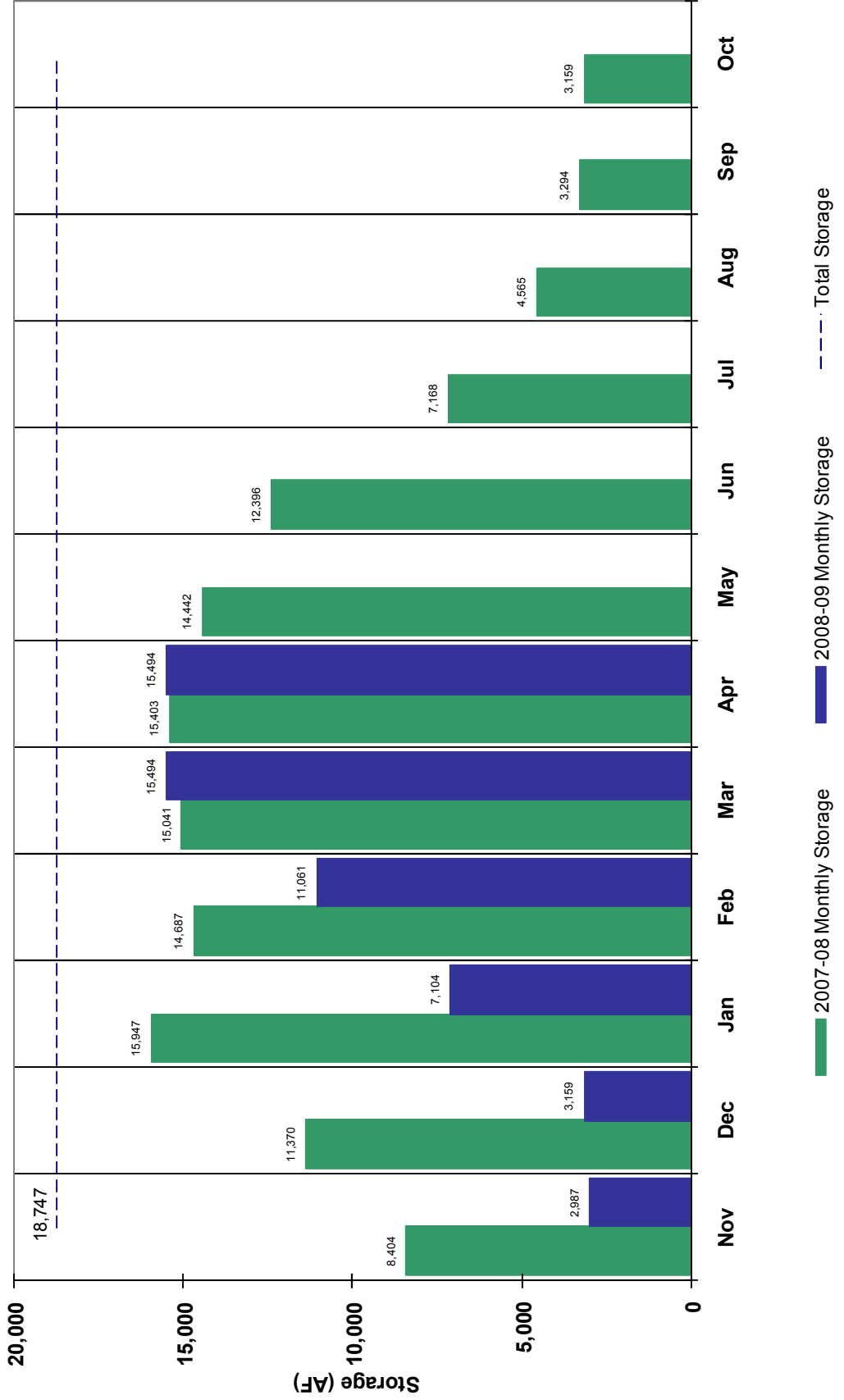




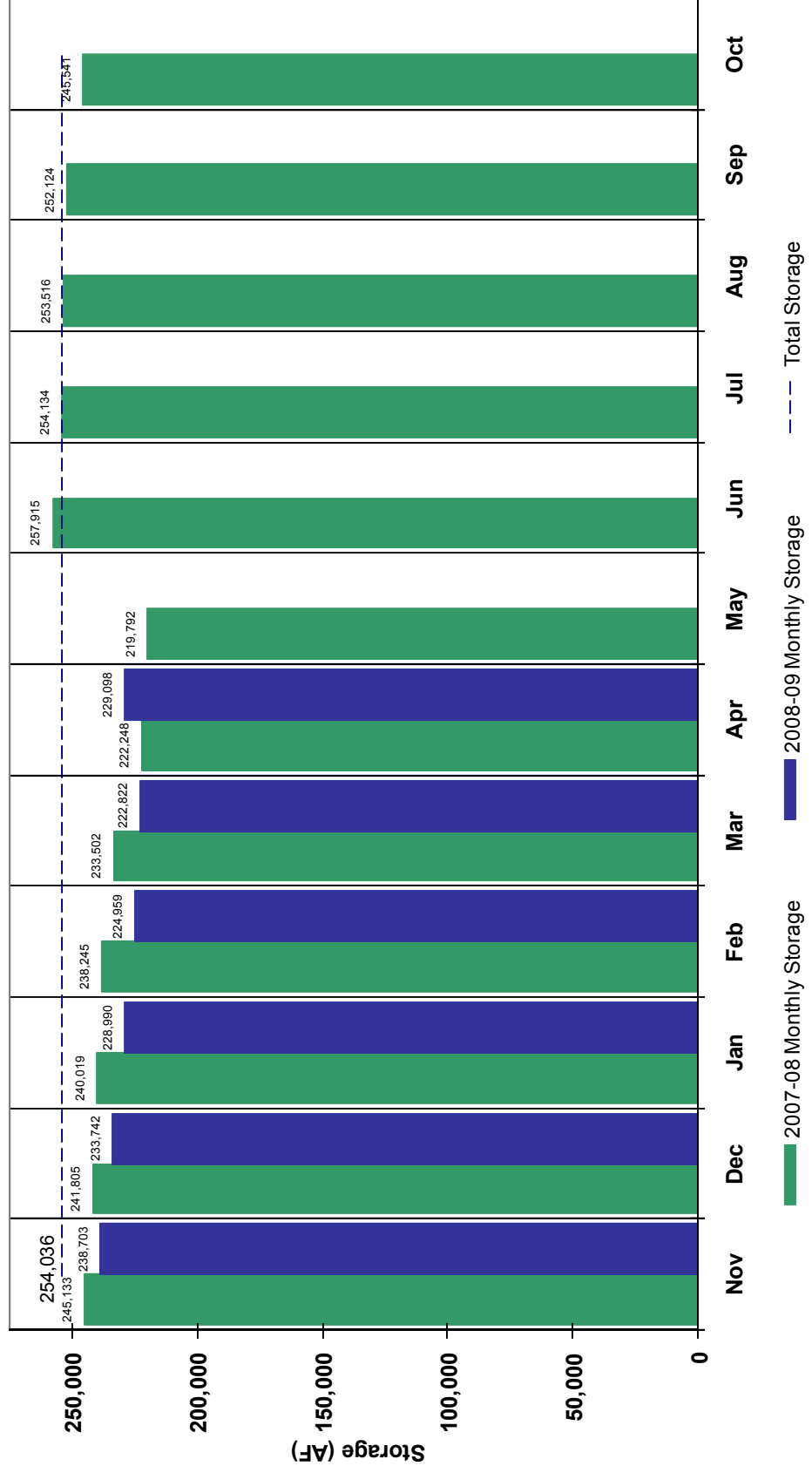
# Prospect Reservoir (District 1 - Agricultural)



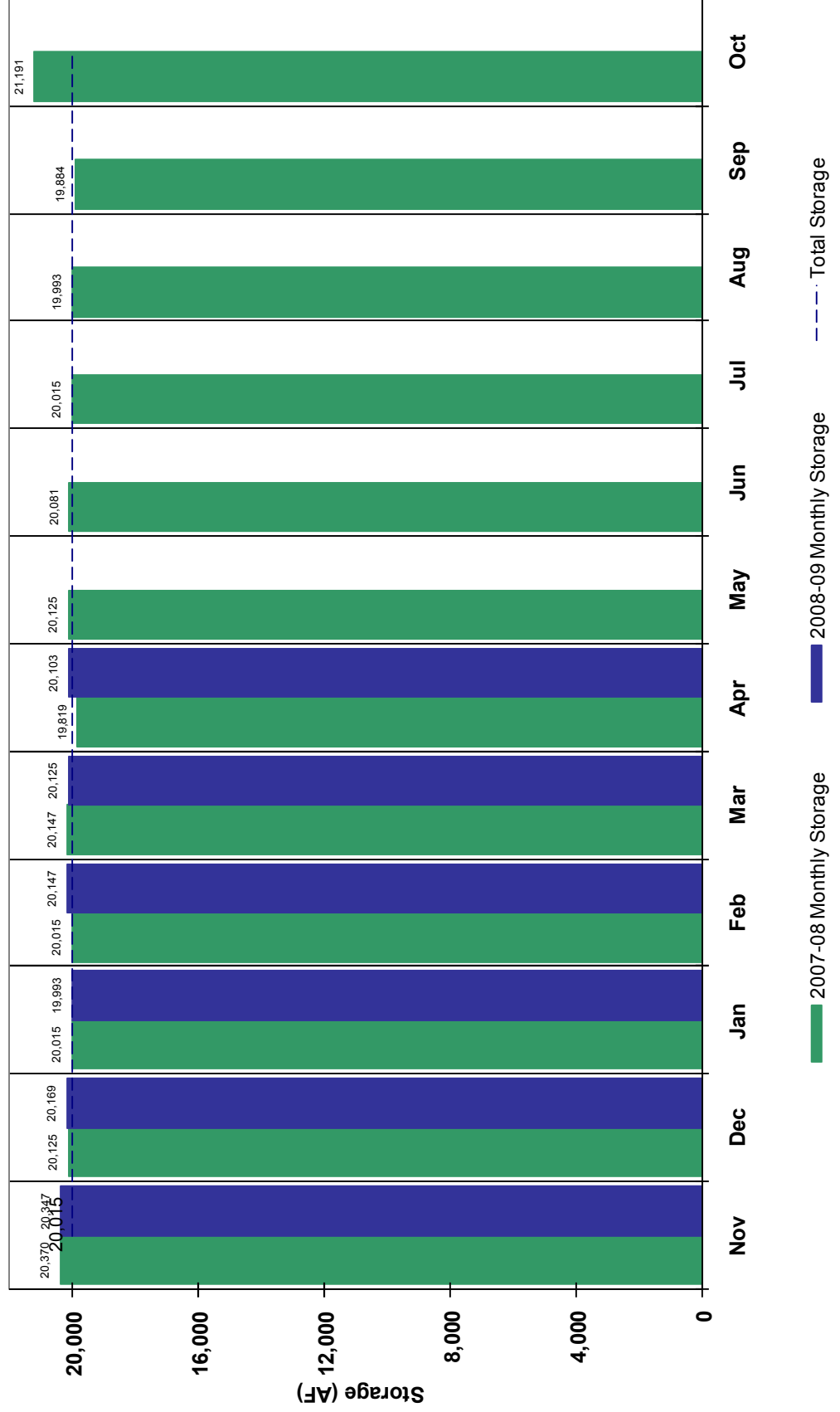
# Horse Creek Reservoir (District 1 - Agricultural)



# Dillon Reservoir (Municipal)

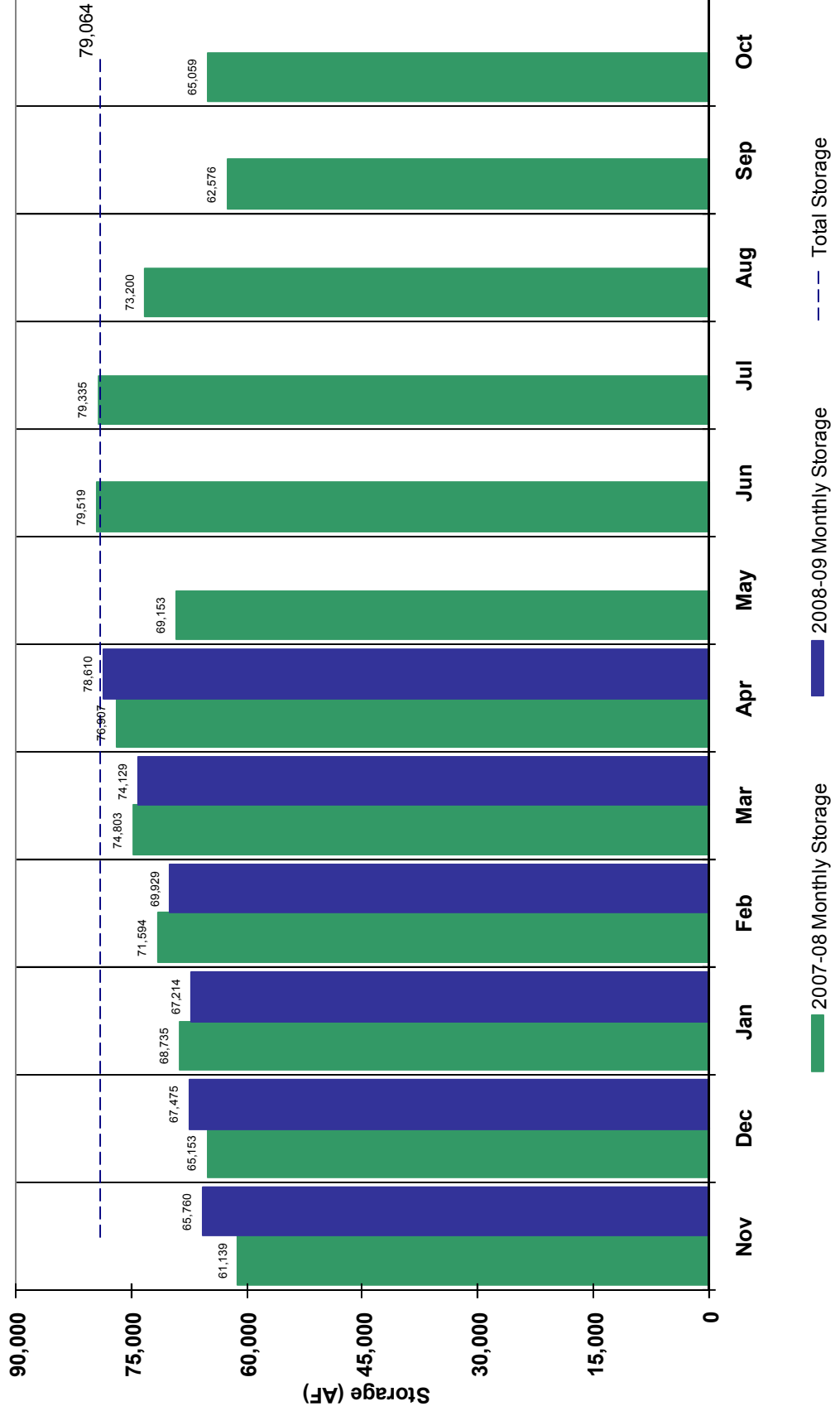


# Antero Reservoir (District 23 - Municipal)



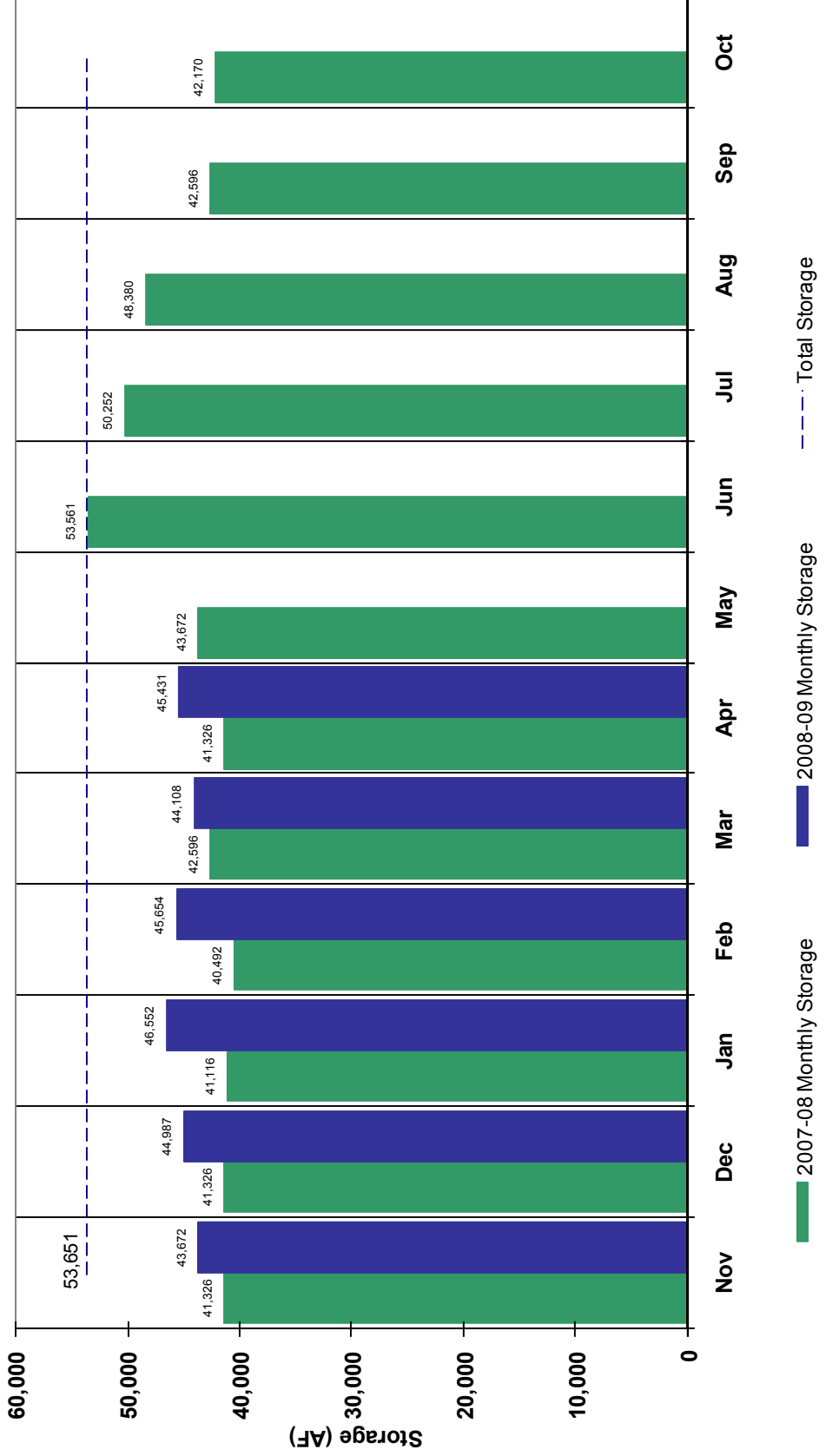
# Cheesman Reservoir

(District 80 - Municipal)

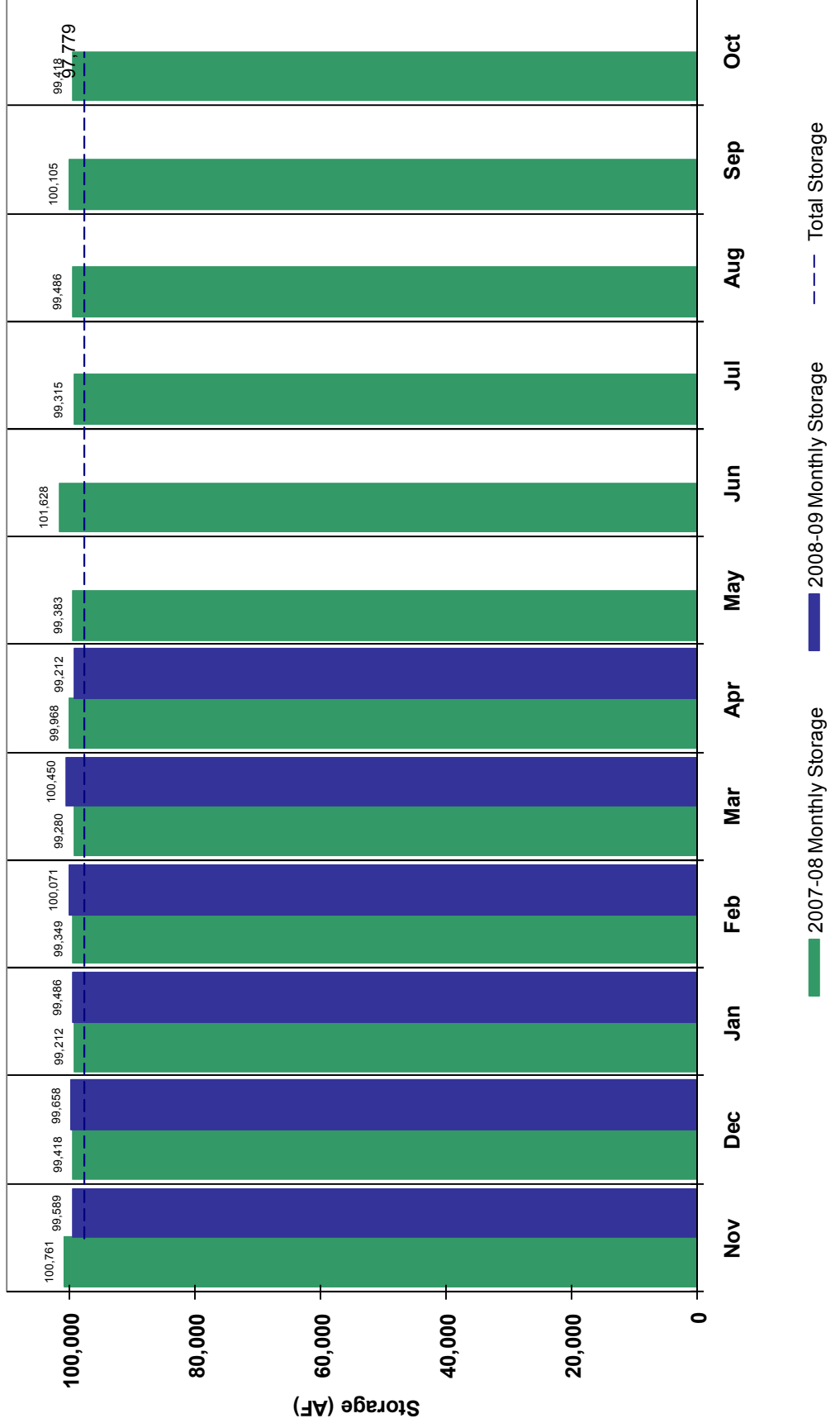


# Spinney Mountain Reservoir

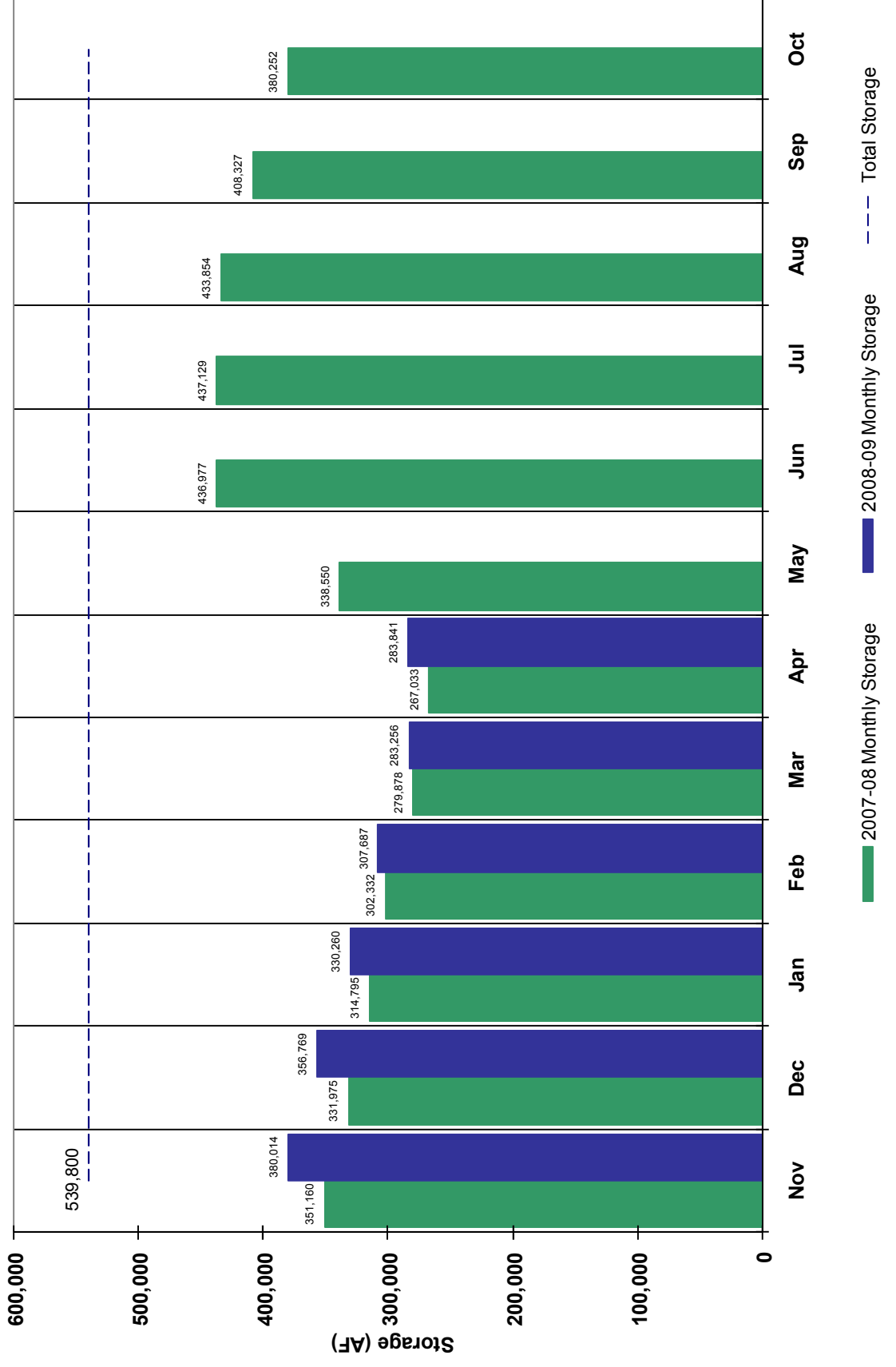
(District 23 - Municipal)



# Eleven Mile Reservoir (District 23 - Municipal)



# Lake Granby





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



Sessions Ditch and Flume above James  
Tingle Reservoir  
(Photo by Garver Brown)