



# South Platte River Summary

January 2003

# COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

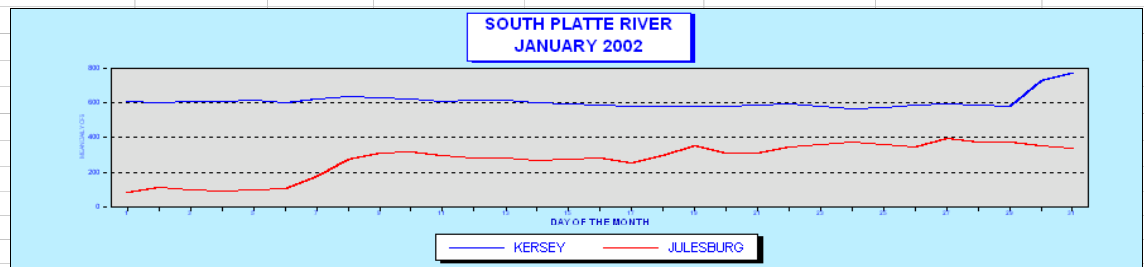
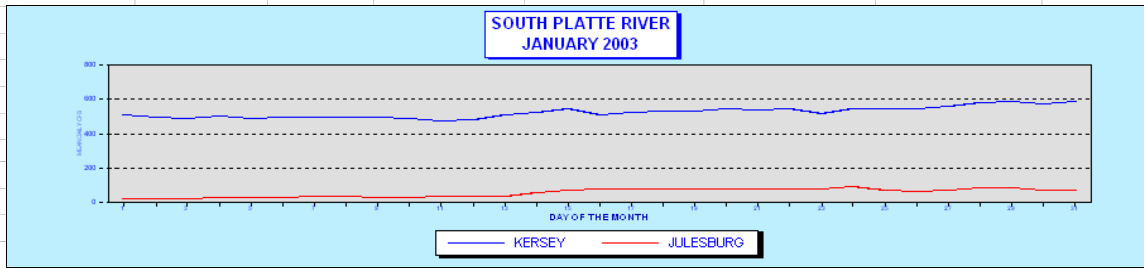
## MONTH OF JANUARY 2003

06-Feb

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)
<b>JULESBURG</b>	22,666	18,690	18,820	64	130	1%	83%	78%	0
<b>NORTH STERLING</b>	73,730	17,680	22,920	64	5,240	30%	31%	68%	0
<b>PREWITT</b>	28,500	3,570	6,340	64	2,770	78%	22%	76%	0
<b>JACKSON</b>	27,257	25,751	25,320	1	(431)	-2%	93%	37%	0
<b>EMPIRE</b>	37,700	10,710	16,428	1	5,718	53%	44%	77%	0
<b>RIVERSIDE</b>	63,113	15,863	25,523	1	9,660	61%	40%	79%	0
<b>BARR LAKE</b>	31,652	11,613	14,992	2	3,379	29%	47%	78%	0
<b>CHEESMAN</b>	79,064	50,650	47,872	80	(2,778)	-5%	61%	73%	0
<b>ELEVEN MILE</b>	97,779	44,472	44,472	23	0	0%	45%	100%	0
<b>SPINNEY</b>	53,651	21,639	19,195	23	(2,444)	-11%	36%	50%	0
<b>ANTERO</b>	20,015	8	8	23	0	0%	0%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
<b>KERSEY</b>	523
<b>JULESBURG</b>	59
<b>THIS MONTH LAST YEAR</b>	
<b>KERSEY</b>	609
<b>JULESBURG</b>	273
<b>MEAN FOR PERIOD OF RECORD*</b>	
<b>KERSEY</b>	845
<b>JULESBURG</b>	537

\* 1976-2001  
1902-2001



# South Platte River Monthly Means, Historic, Max, Min.

## South Platte River at Kersey

## South Platte River at Julesburg

	USGS		Year	Historic		Year	IY 2003 mean monthly flow	Estimated Mean	USGS		Year	Historic		Year	IY 2003 mean monthly flow	Estimated Mean
	Historic Mean *	Historic Max flow *		Min flow *	Year				Historic Min flow *	Year		Historic Min flow *	Year			
Nov	953	2585	1985	488	1978	536			Nov	358	2358	1985	23	1911	16	
Dec	863	1337	1985	568	1982	445			Dec	420	1371	1985	18.8	1912	23	
Jan	845	1434	1984	503	1982	523			Jan	538	1571	1998	89.9	1965	59	
Feb	858	1641	1984	540	1978				Feb	619	1864	1930	78.9	1935		
Mar	929	1852	1983	473	1982				Mar	559	2200	1939	56.9	1904		
Apr	1096	3894	1983	144	1982				Apr	555	2808	1983	17.3	1904		
May	2486	13060	1980	251	1977				May	1075	9922	1980	24.1	1911		
Jun	3267	14520	1983	113	1977				Jun	1504	12200	1983	8.33	1910		
Jul	1040	5784	1983	183	1994				Jul	309	5059	1983	2.15	1903		
Aug	844	2783	1984	304	1981				Aug	189	1882	1997	2.52	1902		
Sep	809	2079	1984	259	1977				Sep	252	1964	1984	5.6	1903		
Oct	894	3388	1985	415	1978				Oct	318	2427	1985	5.85	1904		

\*Period of record 1976-2001

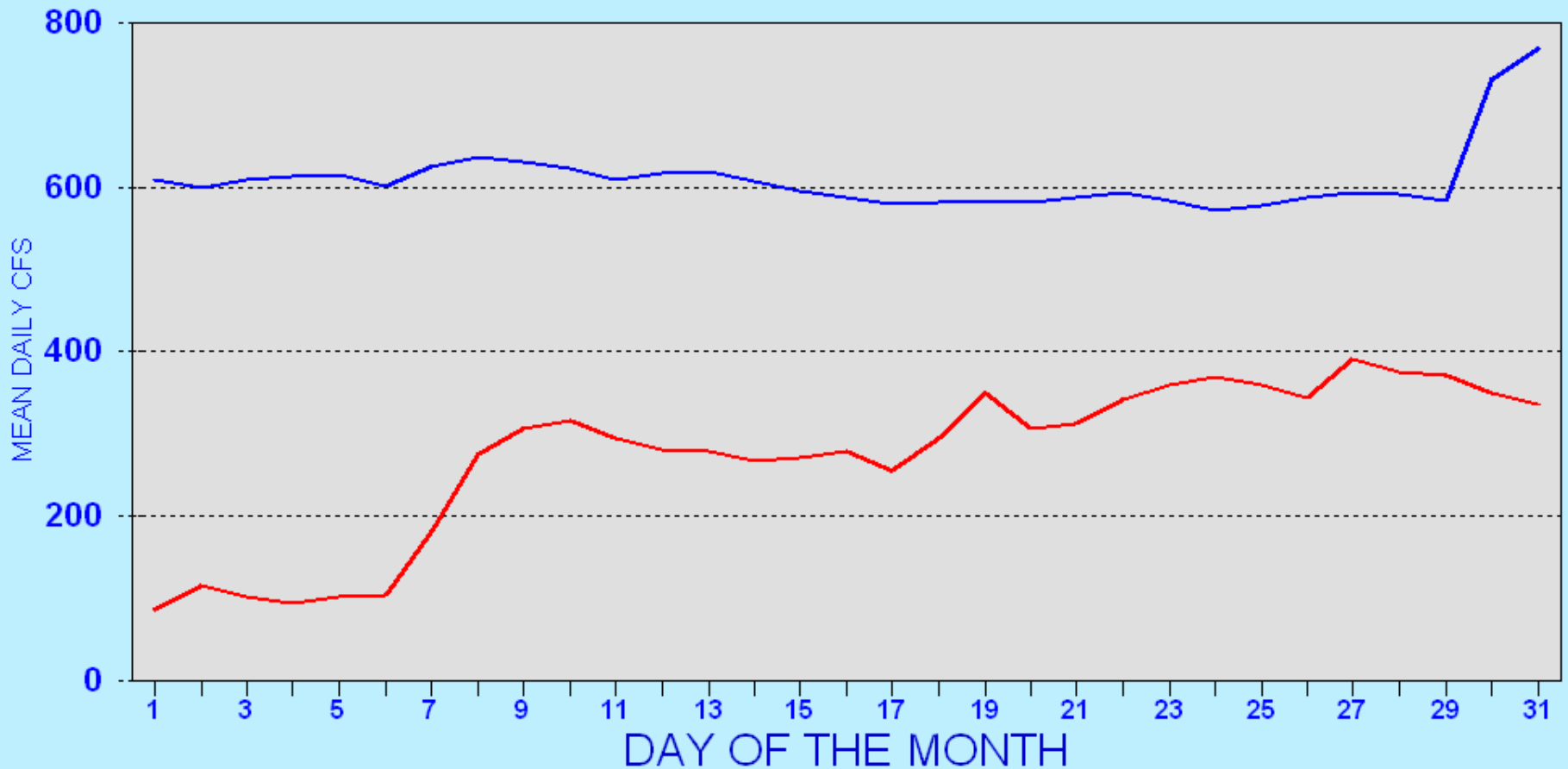
\*Period of record 1902-2001

Preliminary data indicates a new low mean monthly flow at Julesburg for January



Old Filter Plant Flume, Waterton Canyon

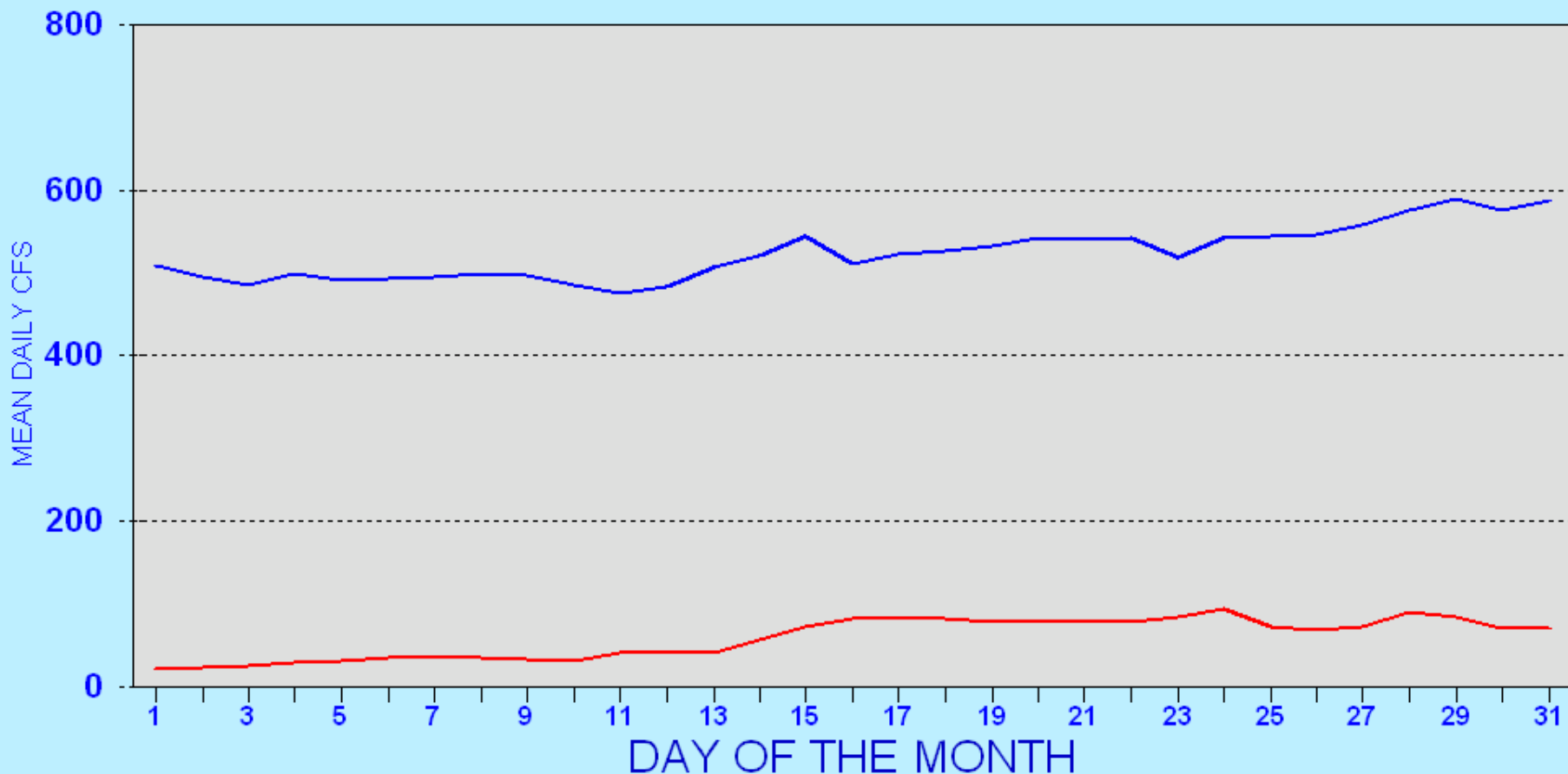
# SOUTH PLATTE RIVER JANUARY 2002



— KERSEY

— JULESBURG

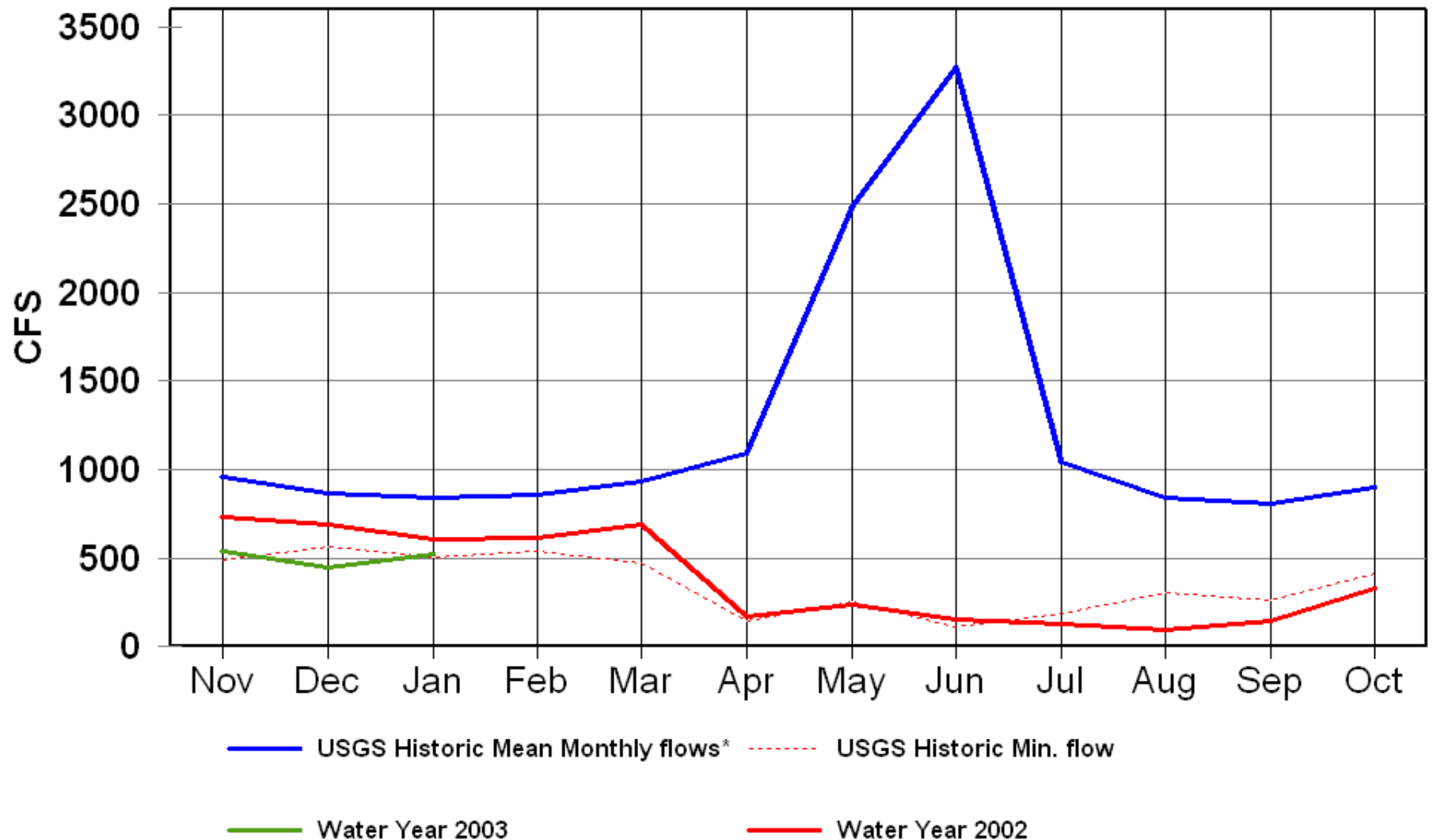
# SOUTH PLATTE RIVER JANUARY 2003



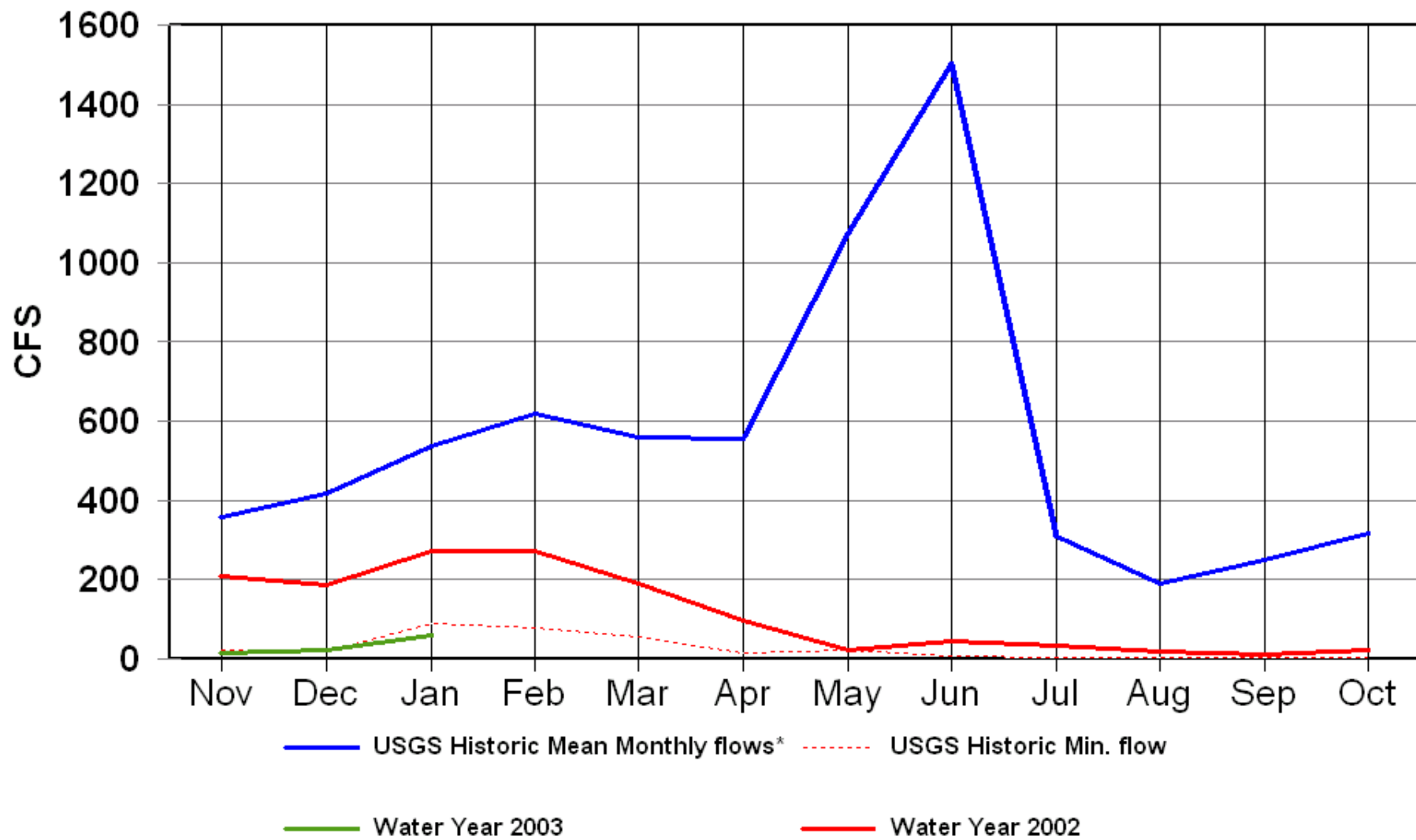
— KERSEY

— JULESBURG

# South Platte River at Kersey IY 2003

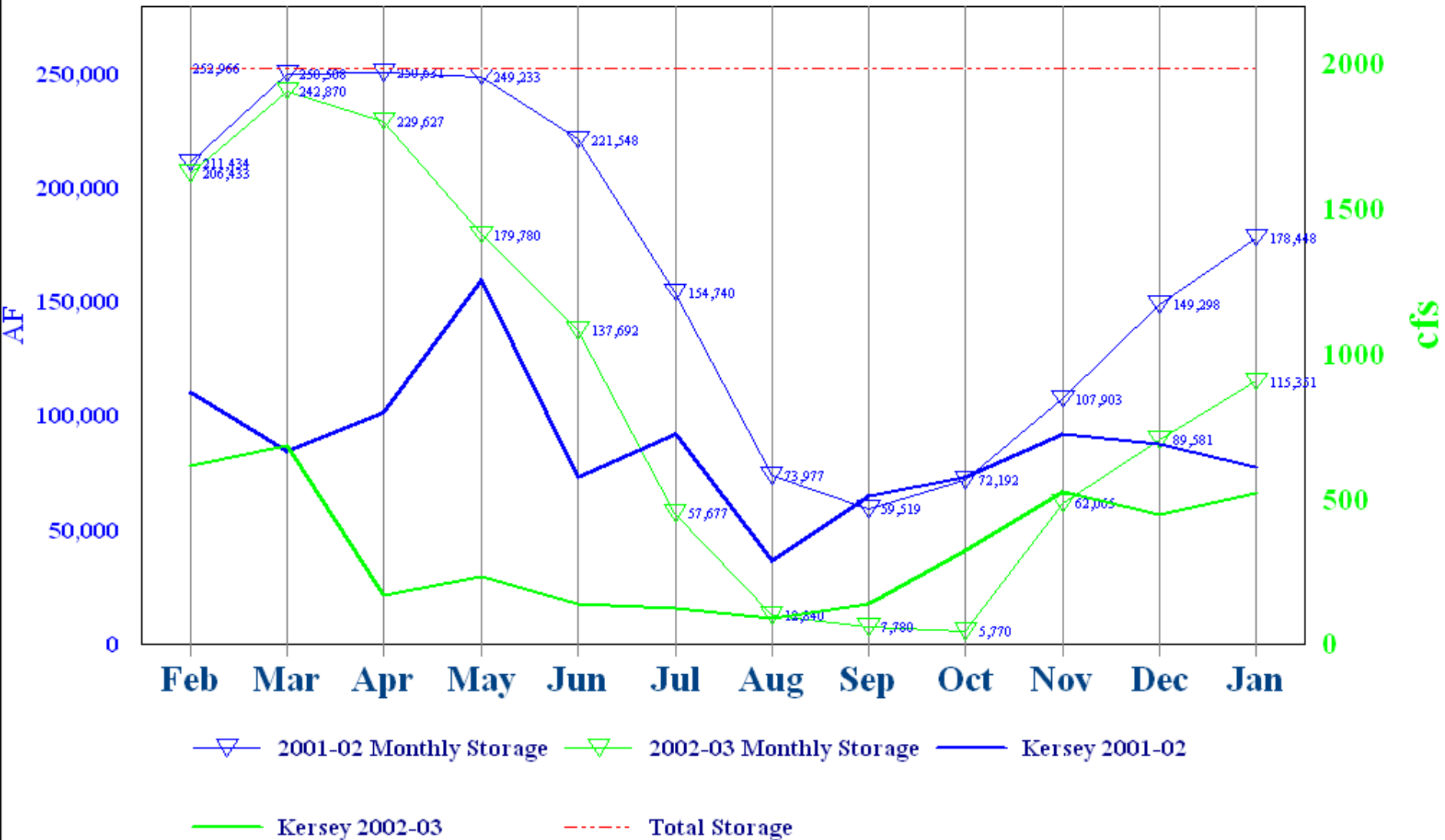


# South Platte River at Julesburg IY 2003



# Reservoir Storage below Kersey

Selected Reservoirs\*

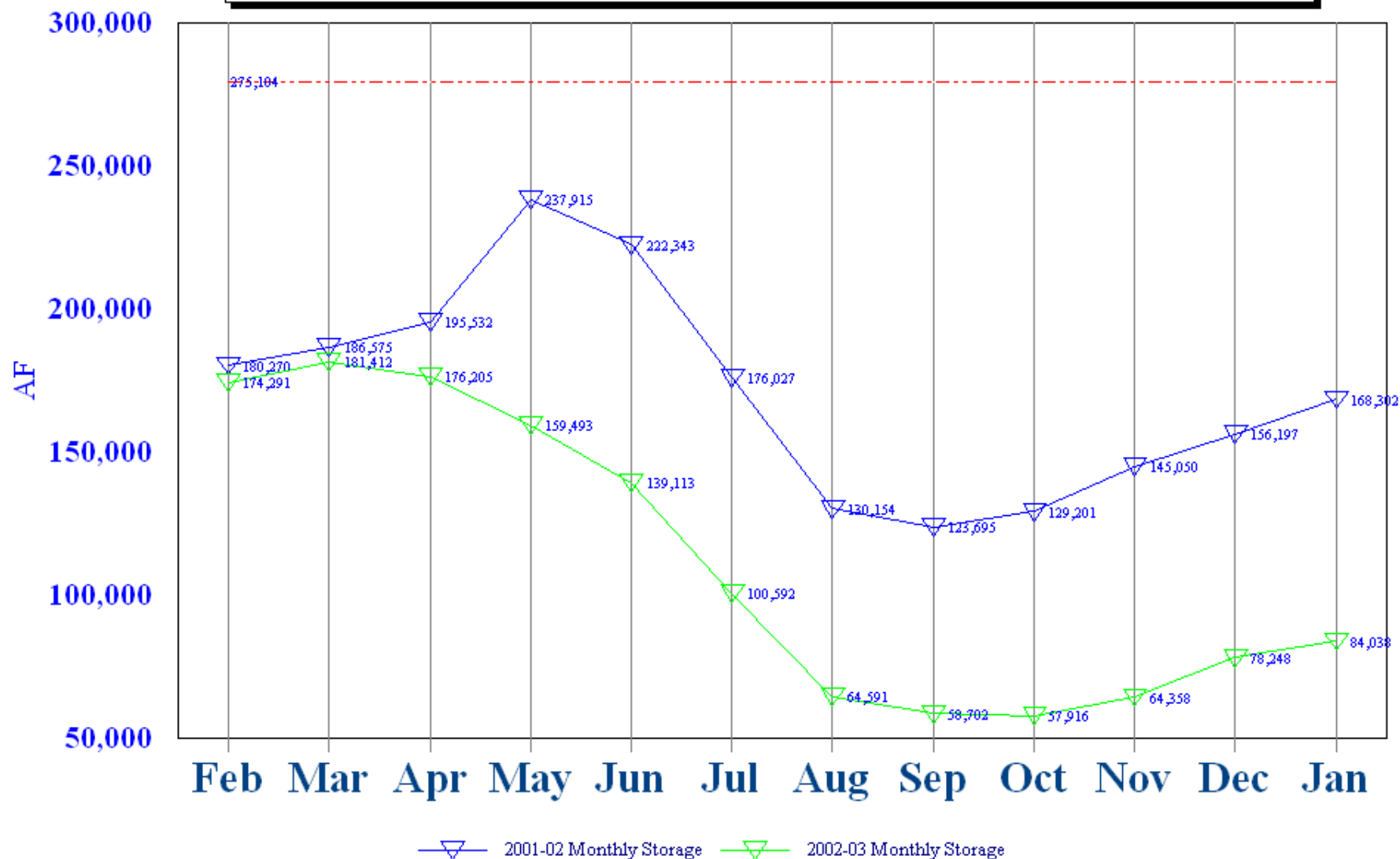


\*Emire, Riverside, Jackson, Prewitt, N. Sterling, Julesburg. by jhl



# Reservoir Storage above Kersey

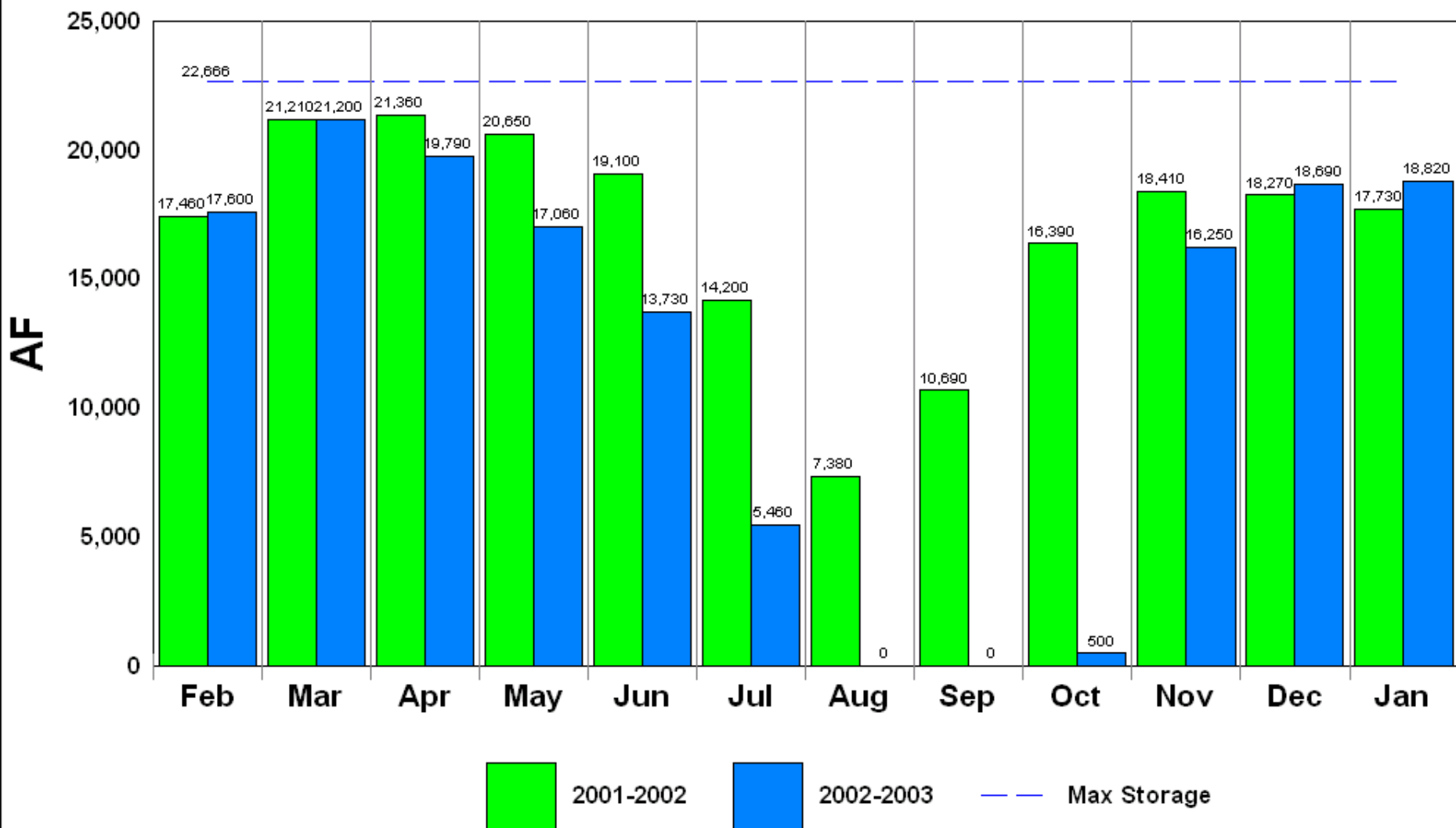
Selected Reservoirs\*



\*Barr,Cobb,FossilCrk,Halligan,Marshall,Milton,Union,Standley,LowerLatham,Boyd,Loveland,Windsor,HorseCrk,Prospect. by jhl

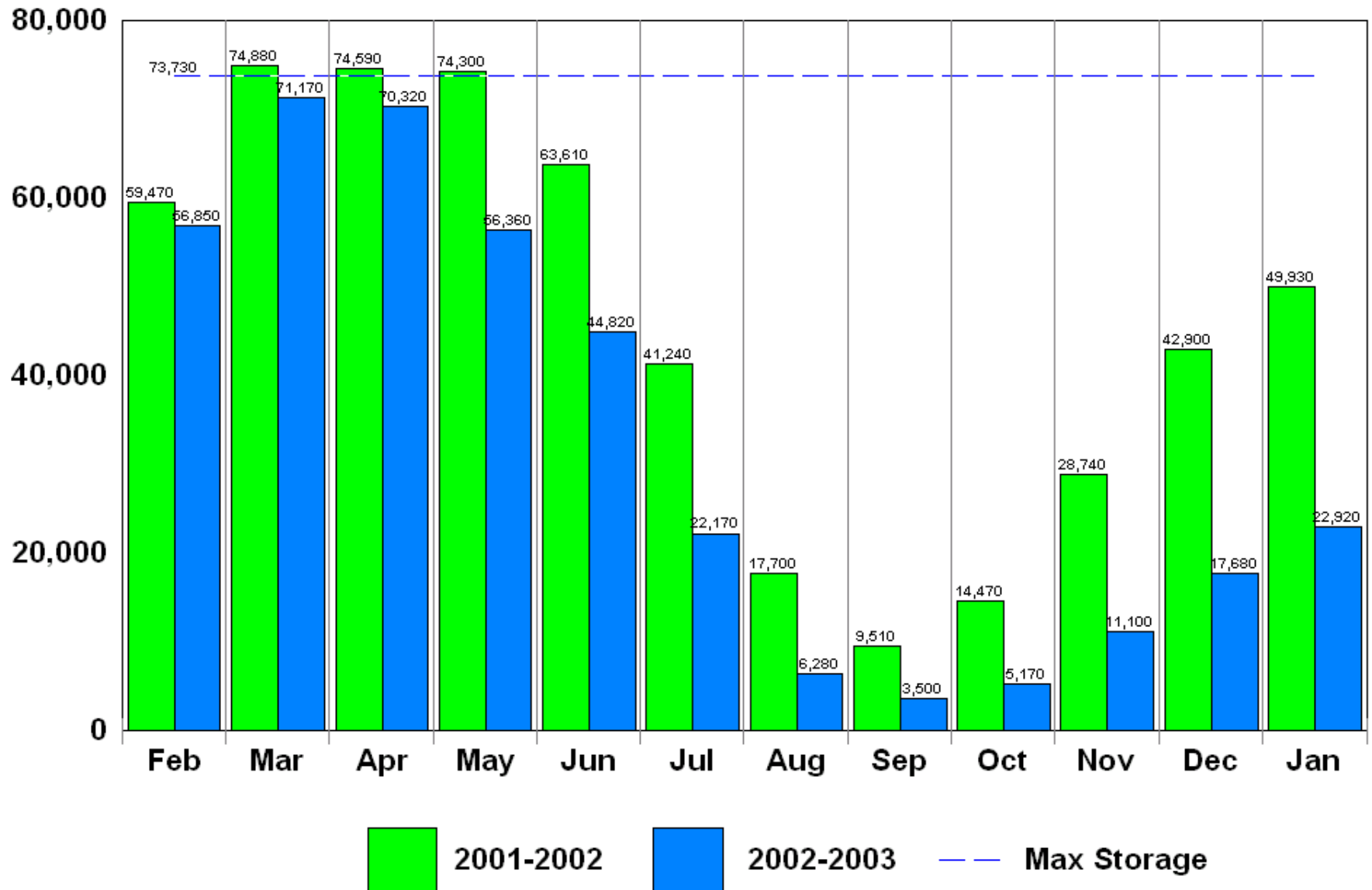
# Julesburg Reservoir

(Agricultural)



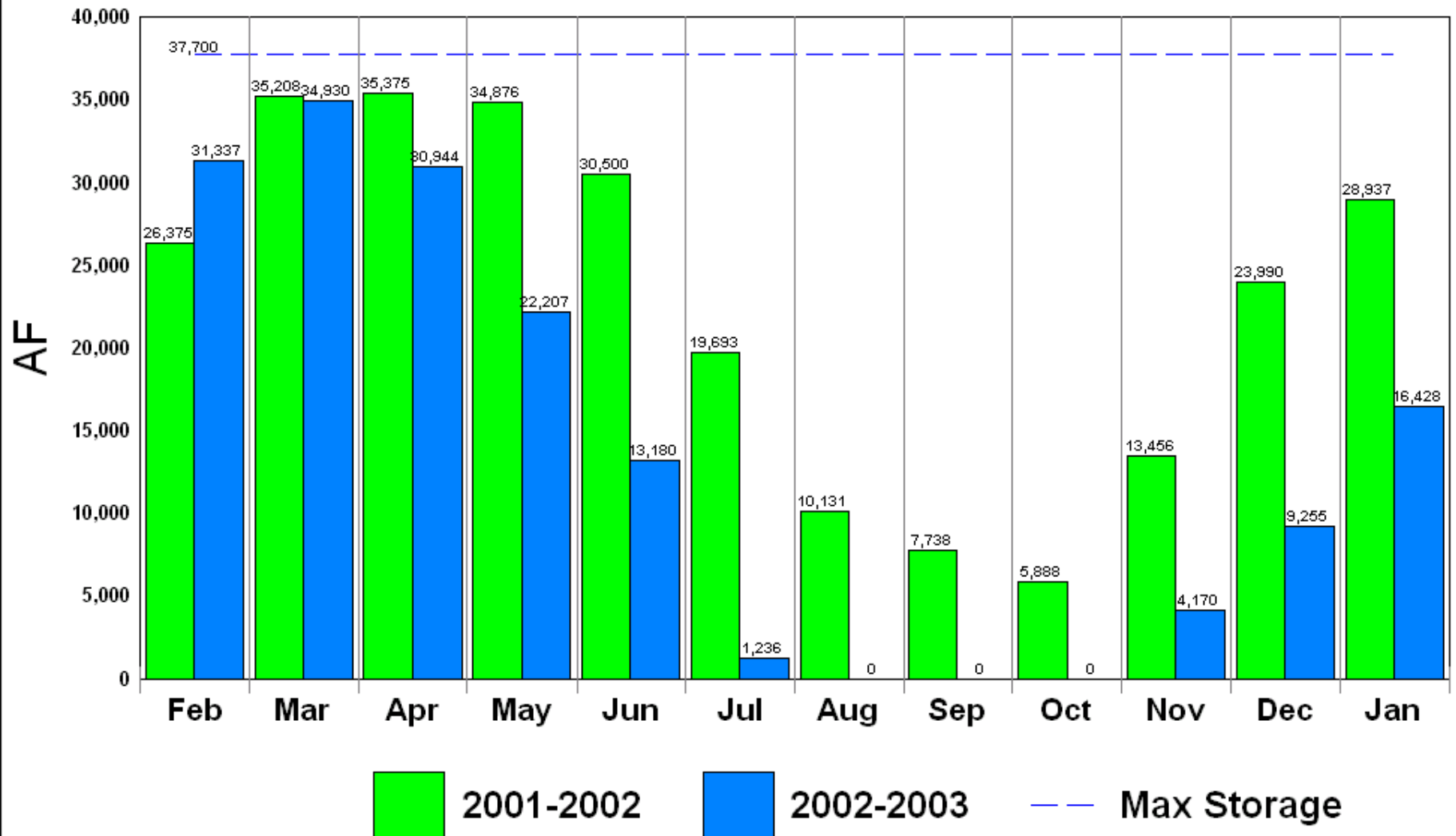
# N. Sterling Reservoir

(Agricultural)



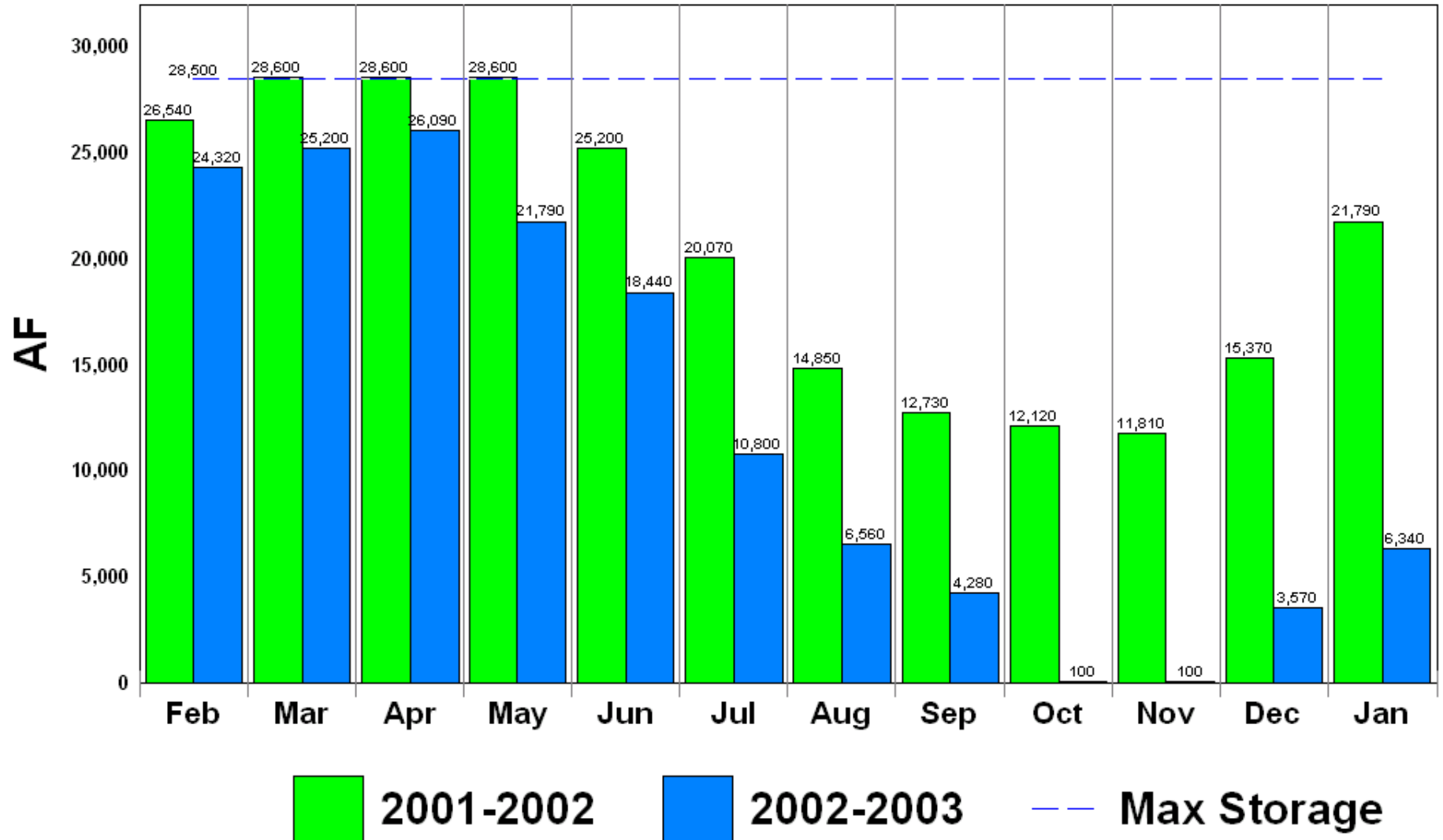
# Empire Reservoir

(Agricultural)



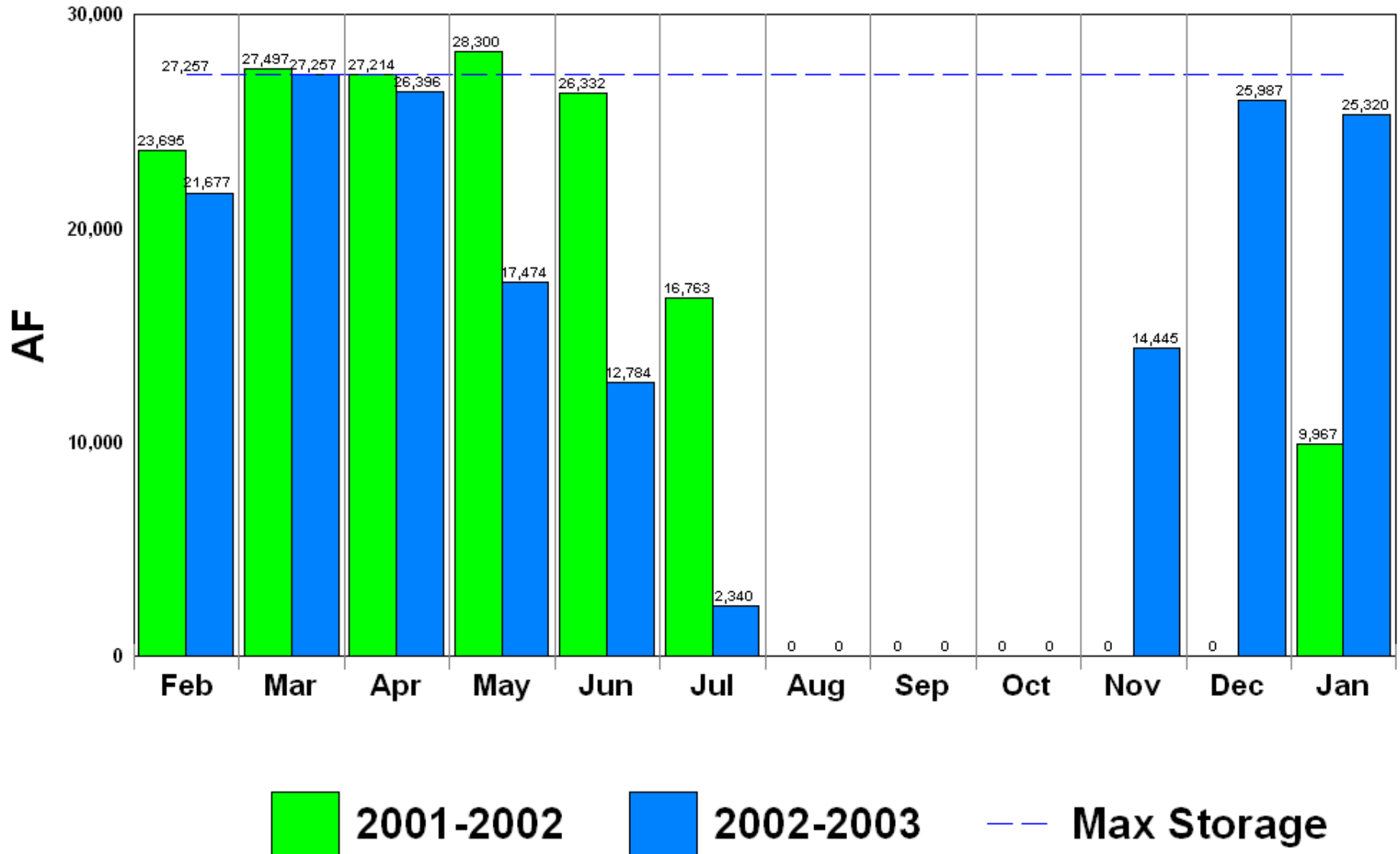
# Prewitt Reservoir

(Agricultural)



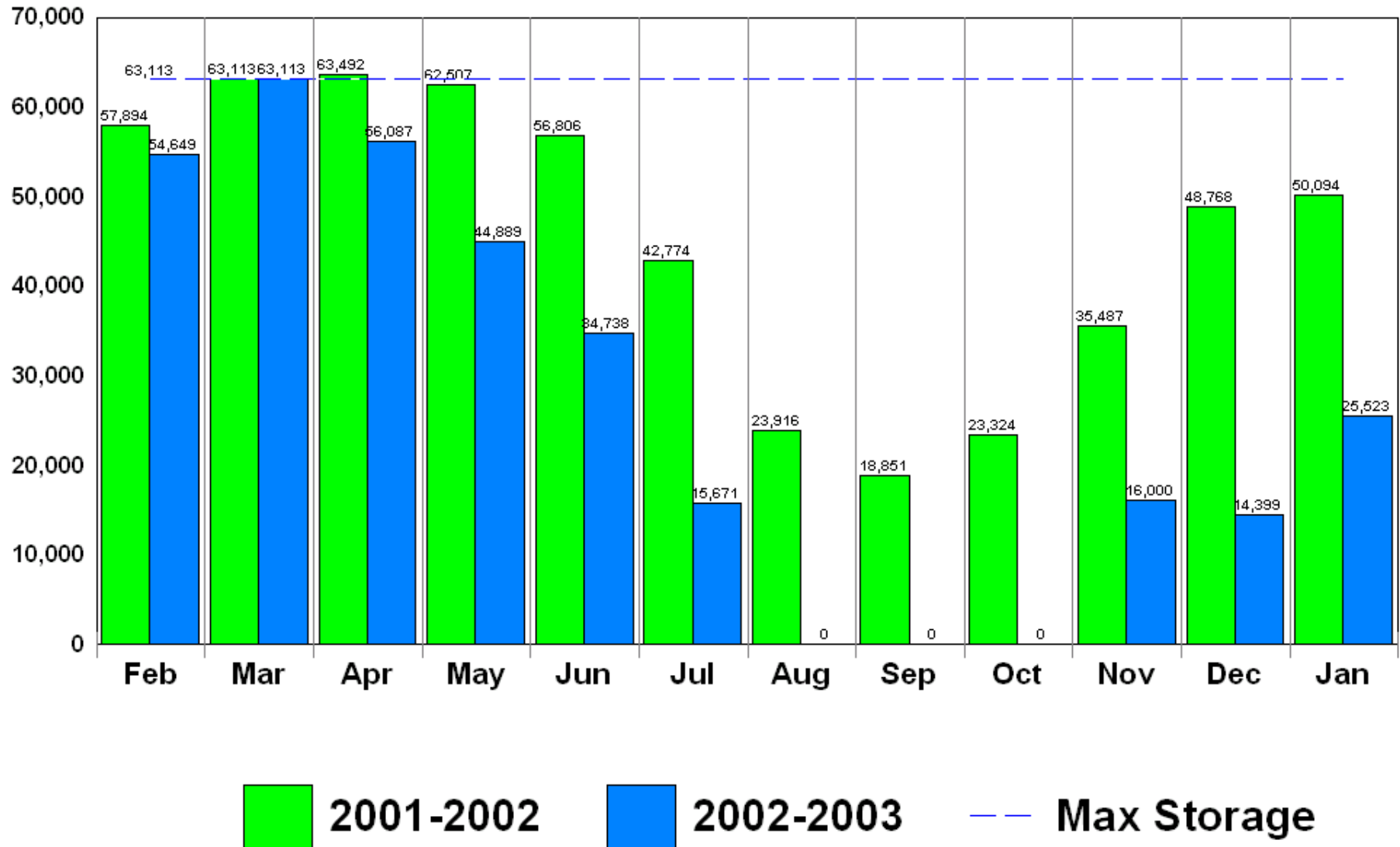
# Jackson Reservoir

(Agricultural)



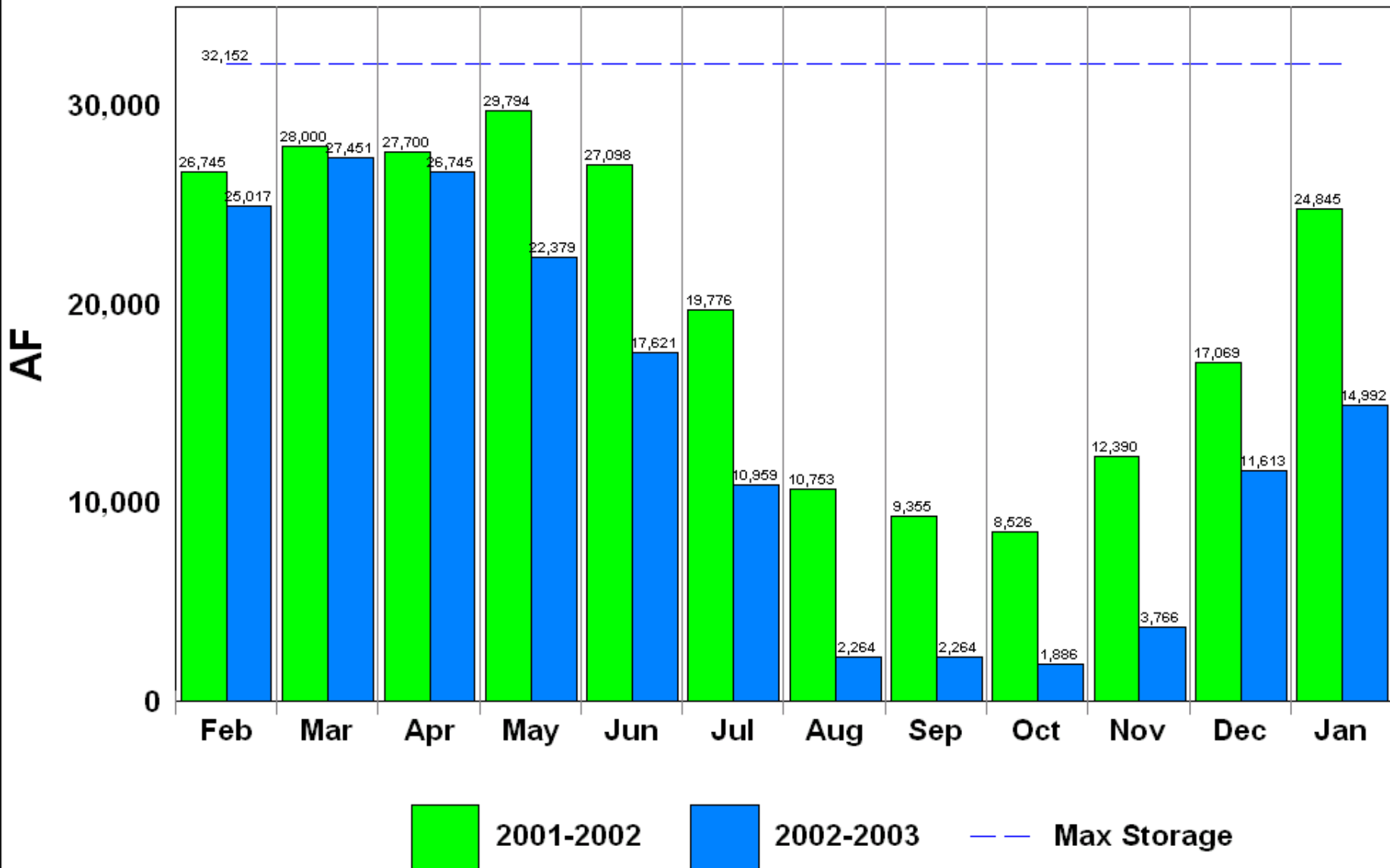
# Riverside Reservoir

(Agricultural)



# Barr Lake

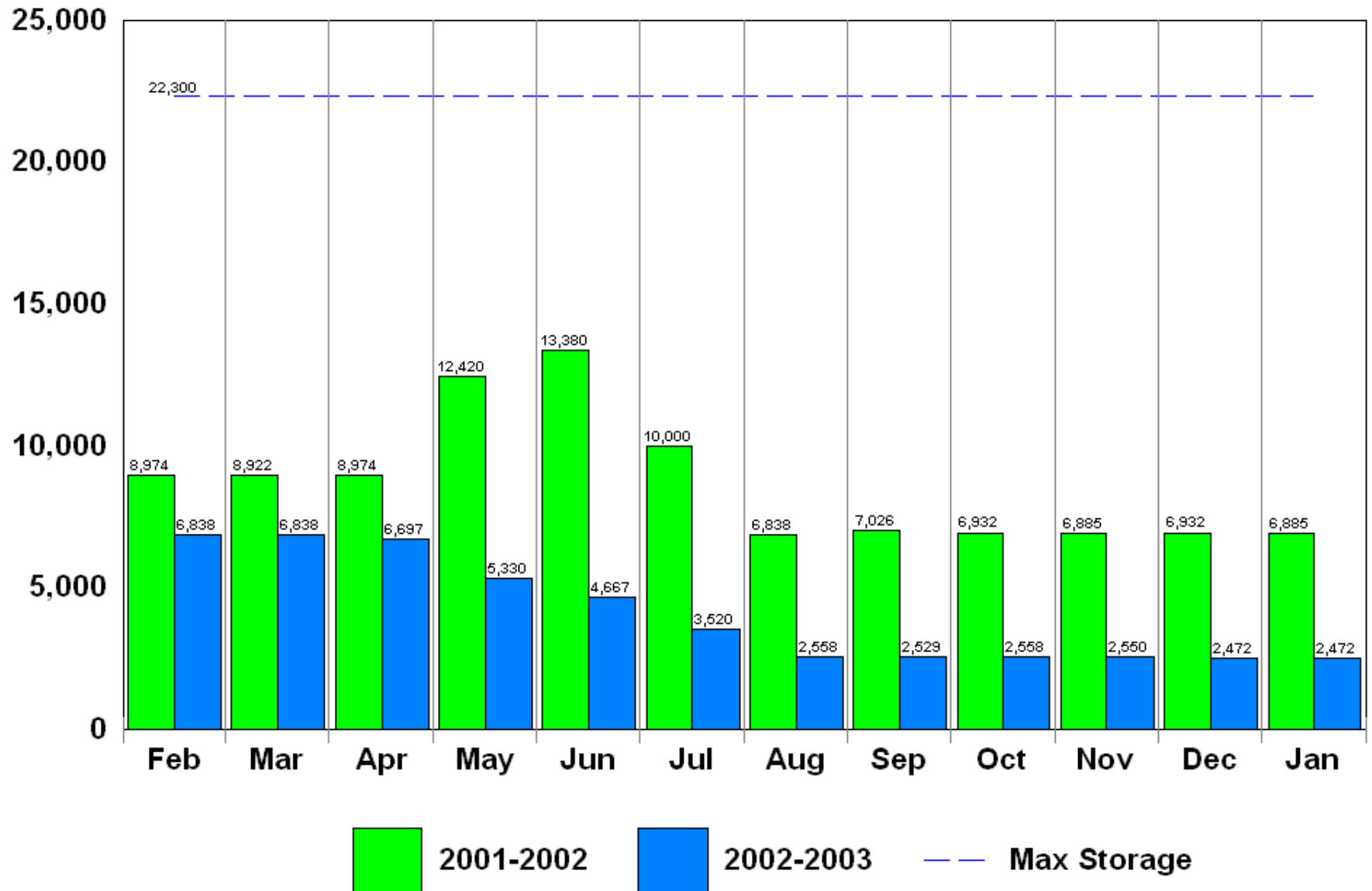
(Agricultural)





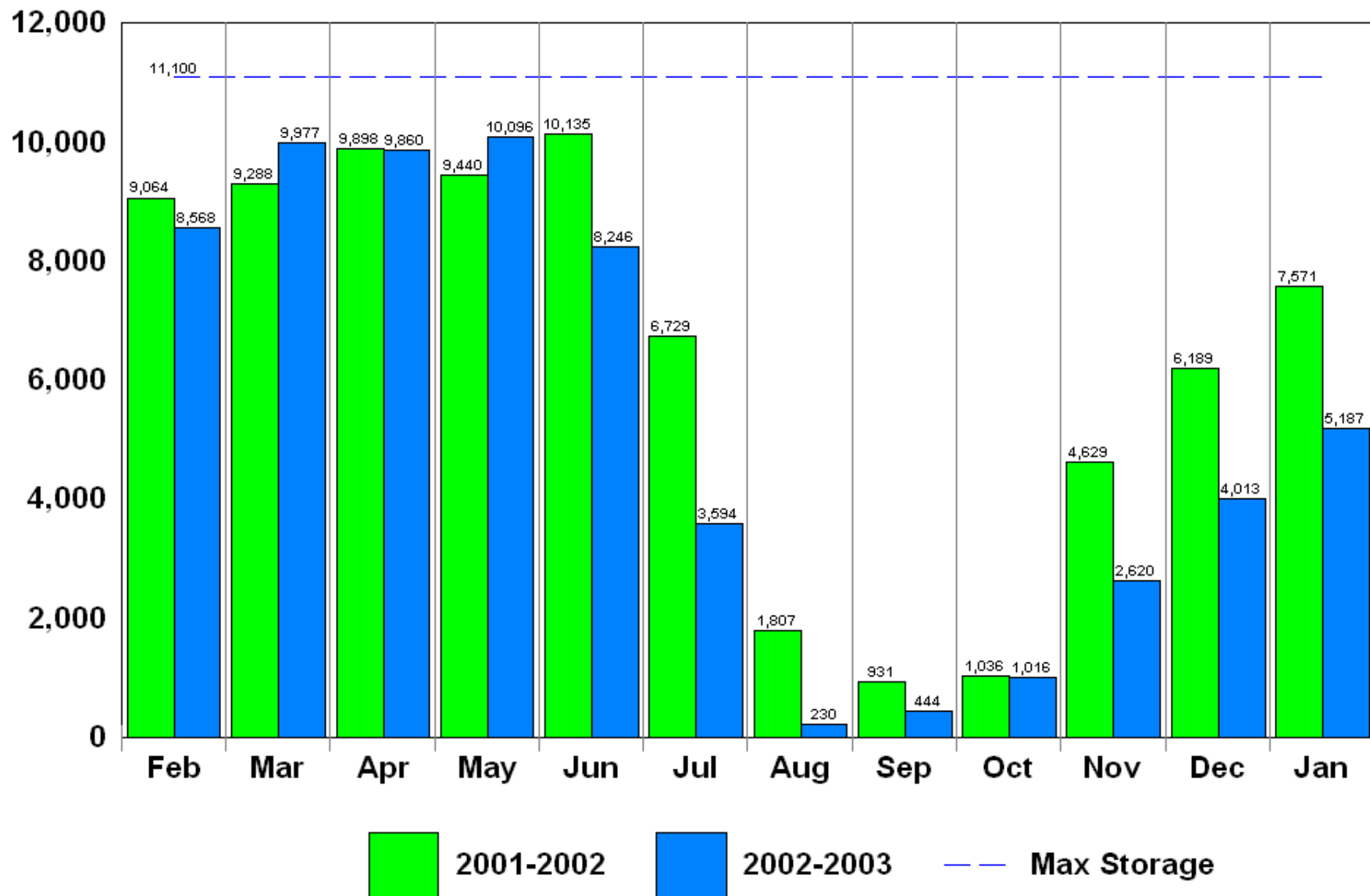
# Cobb Lake

(Agricultural)



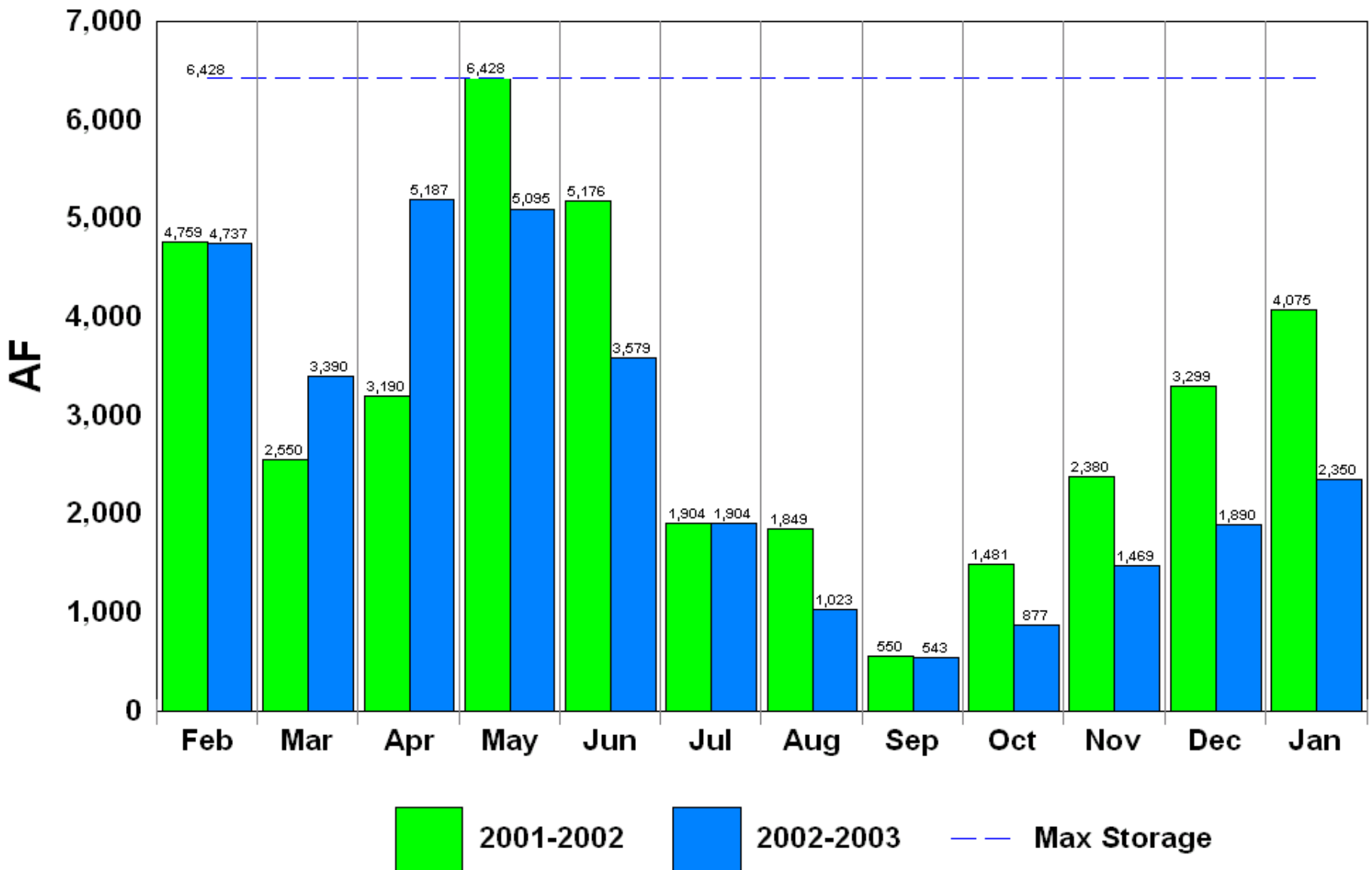
# Fossil Creek Reservoir

(Agricultural)



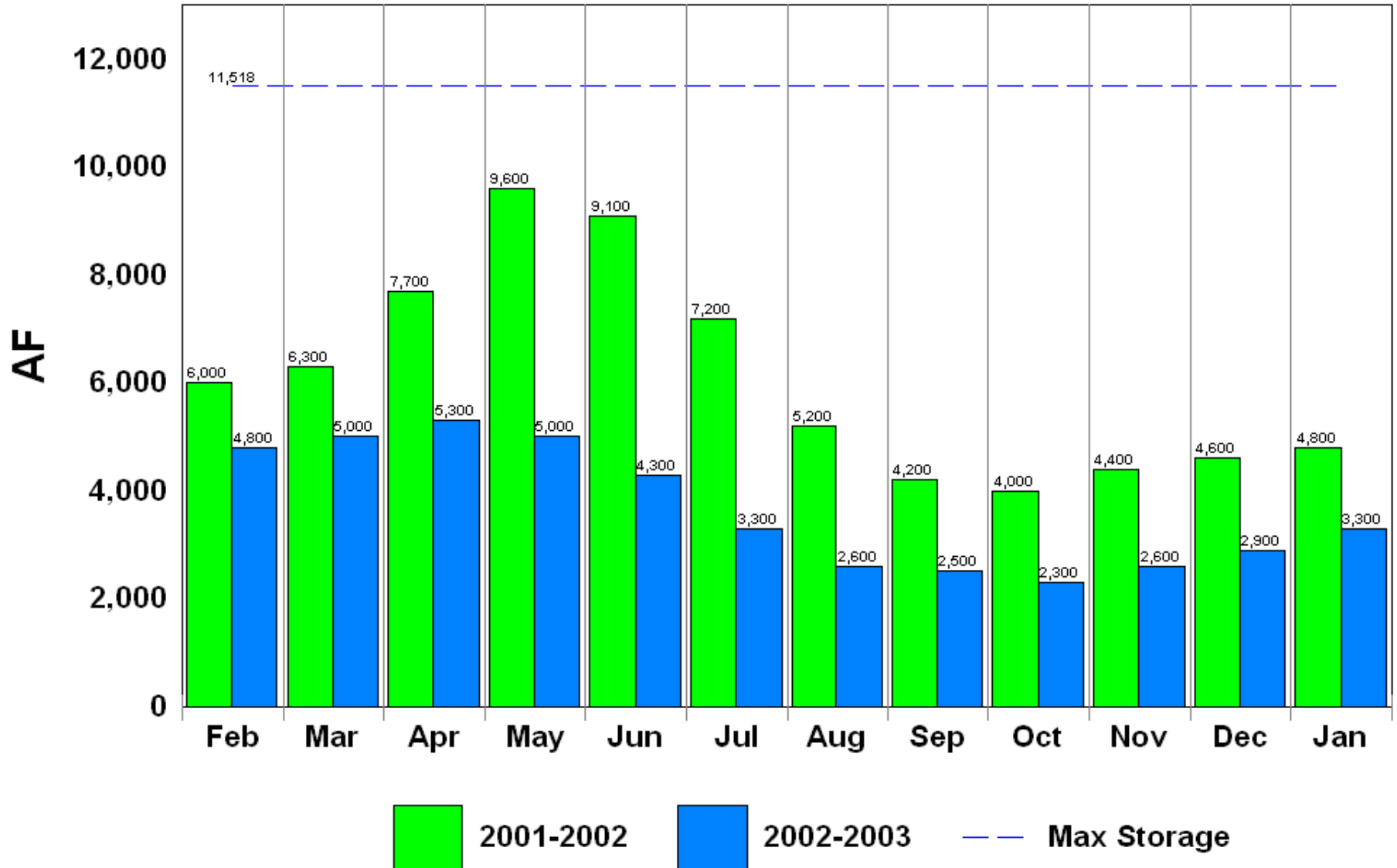
# Halligan Reservoir

(Agricultural)



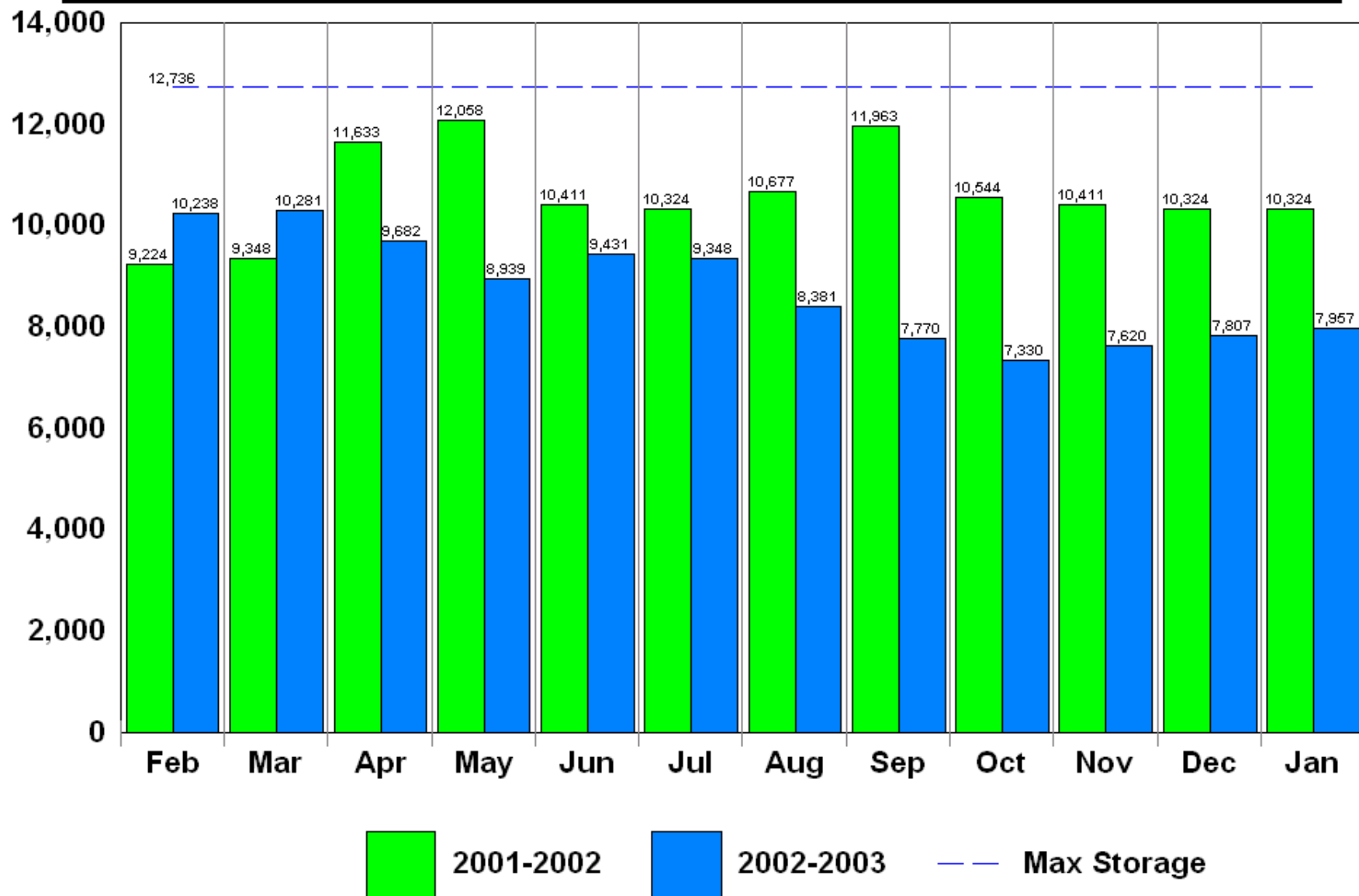
# Marshall Lake

(Agricultural)



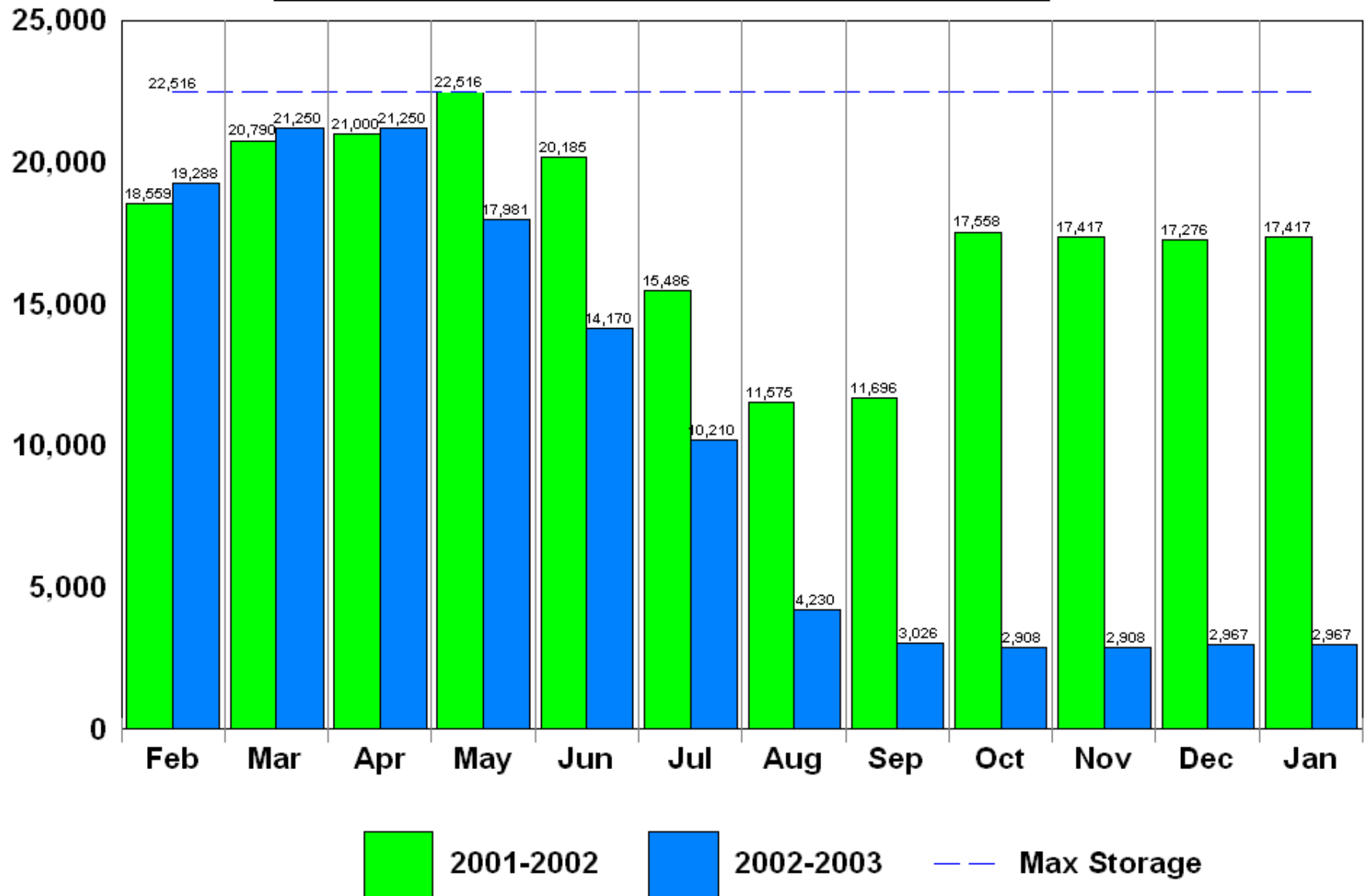
# Loveland Greeley Reservoir

(Agricultural)



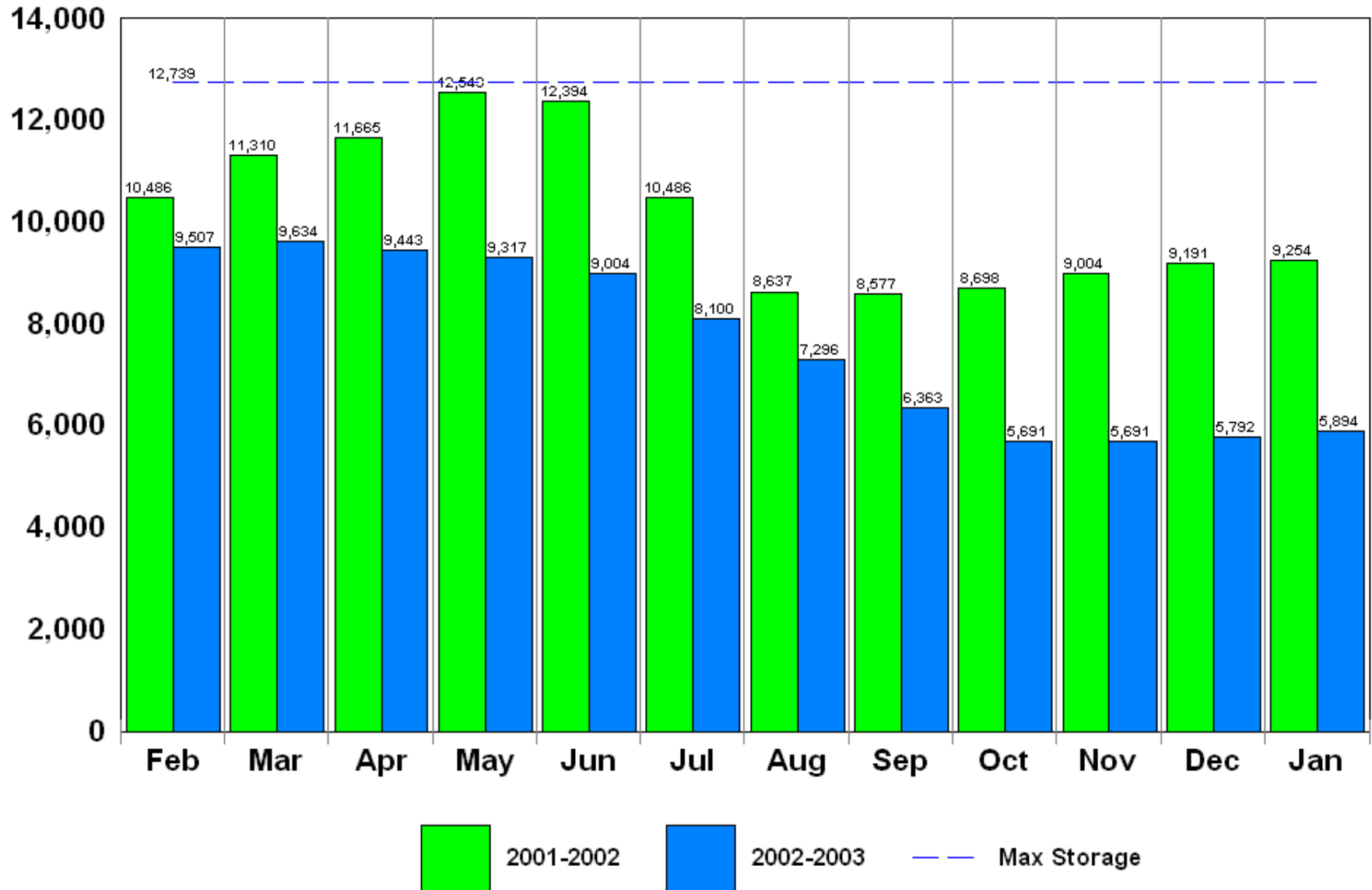
# Milton Reservoir

(Agricultural)



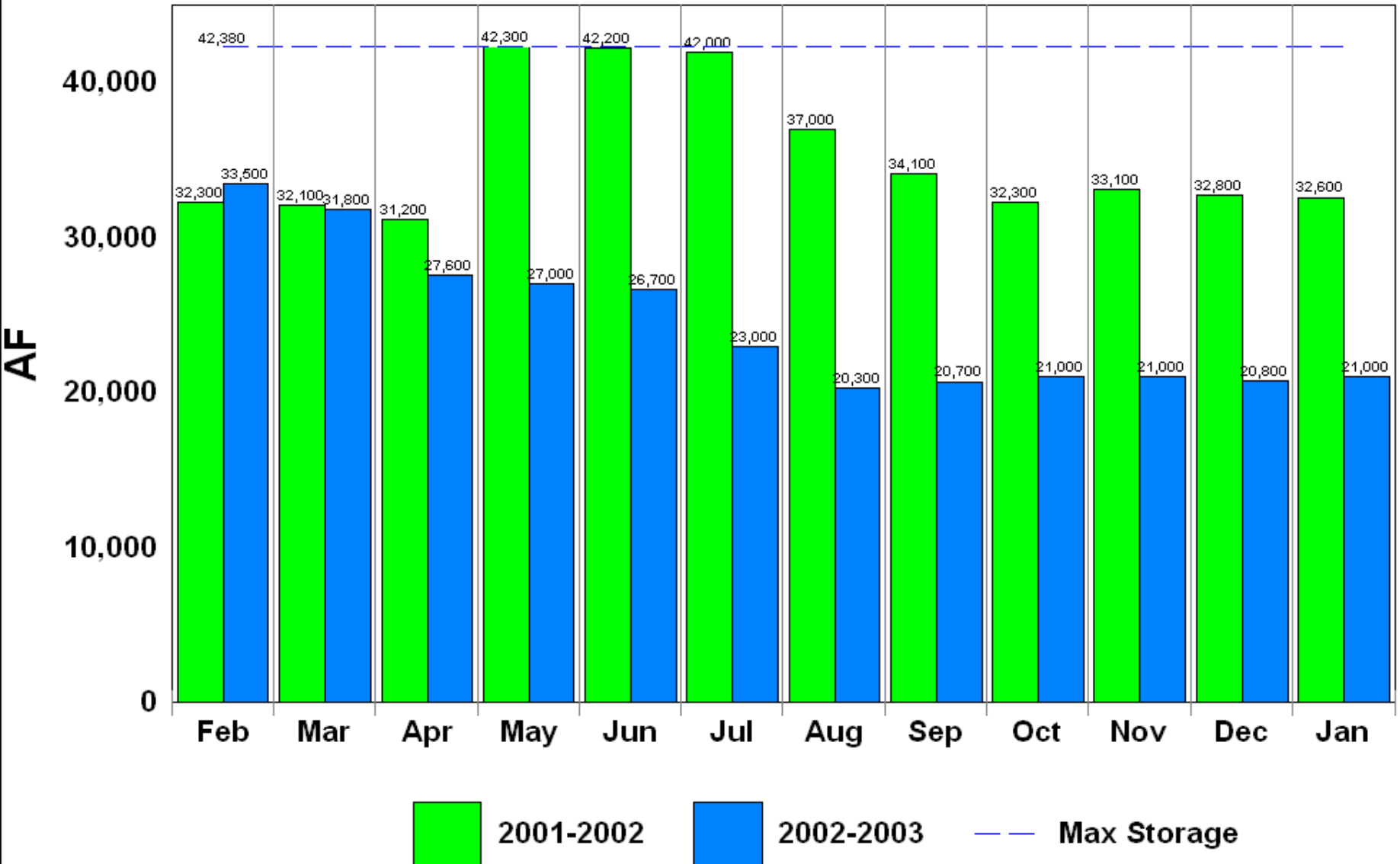
# Union Reservoir

(Agricultural)



# Standley Lake

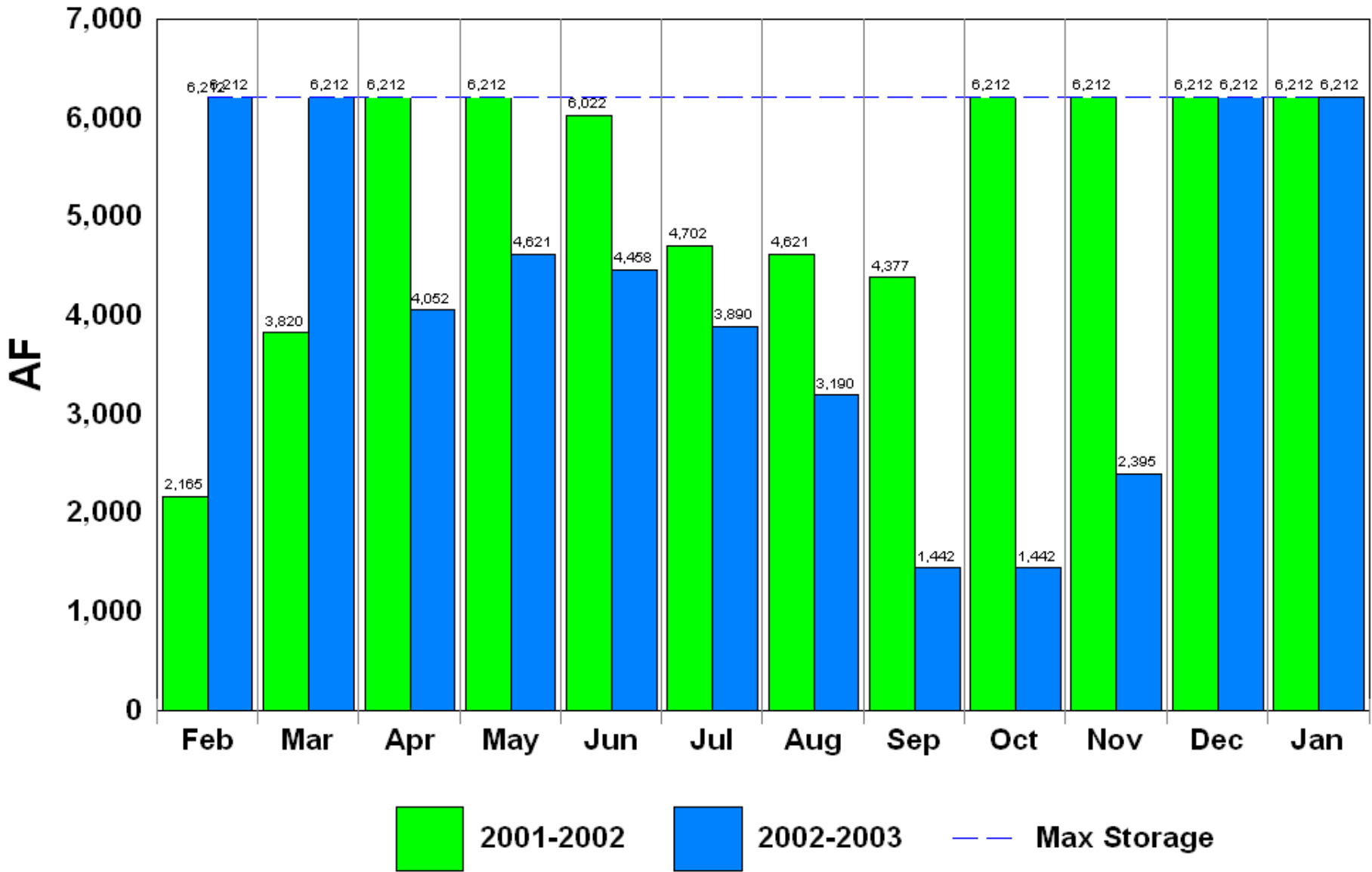
(Agricultural)





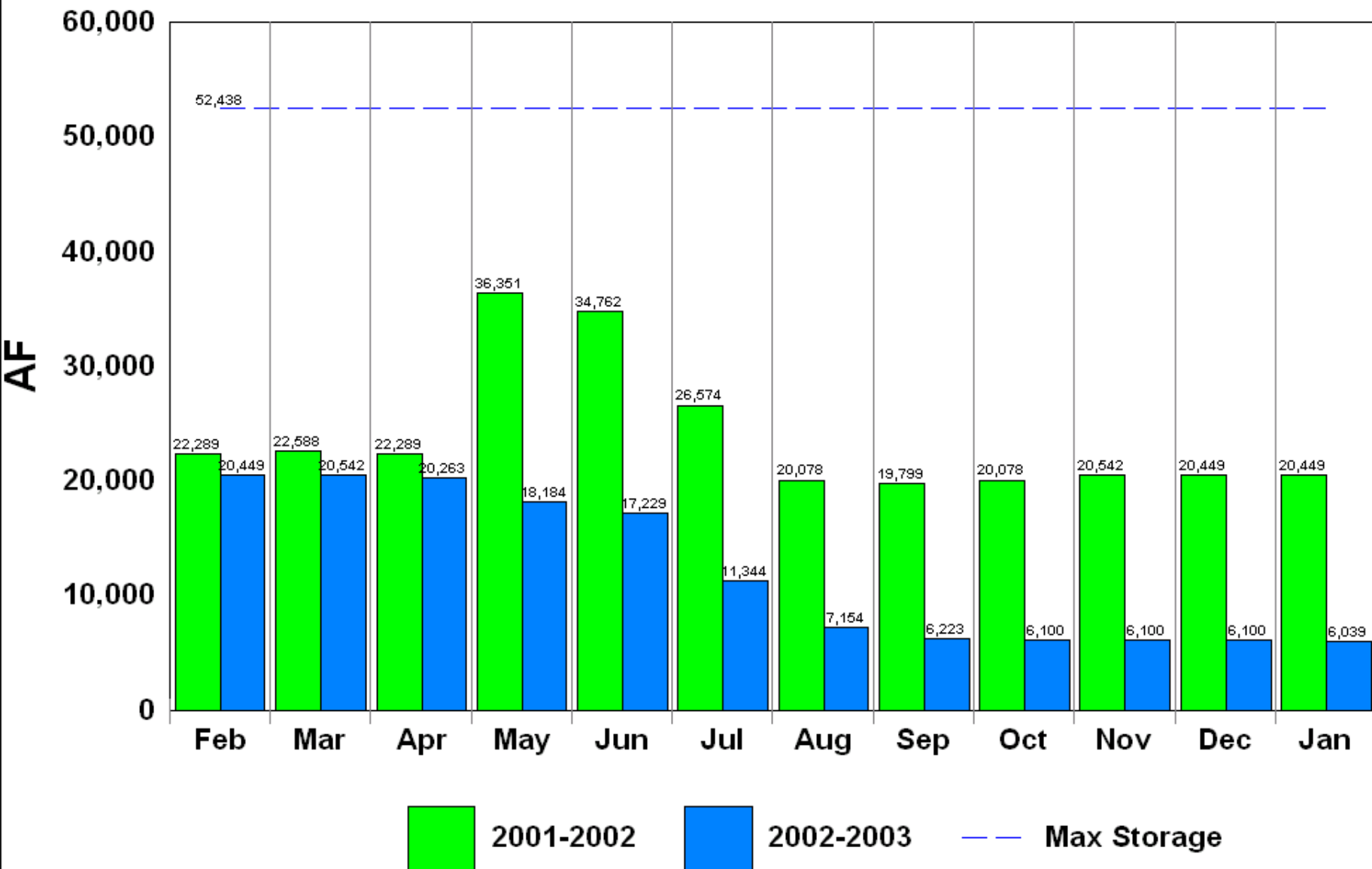
# Lower Latham Reservoir

(Agricultural)



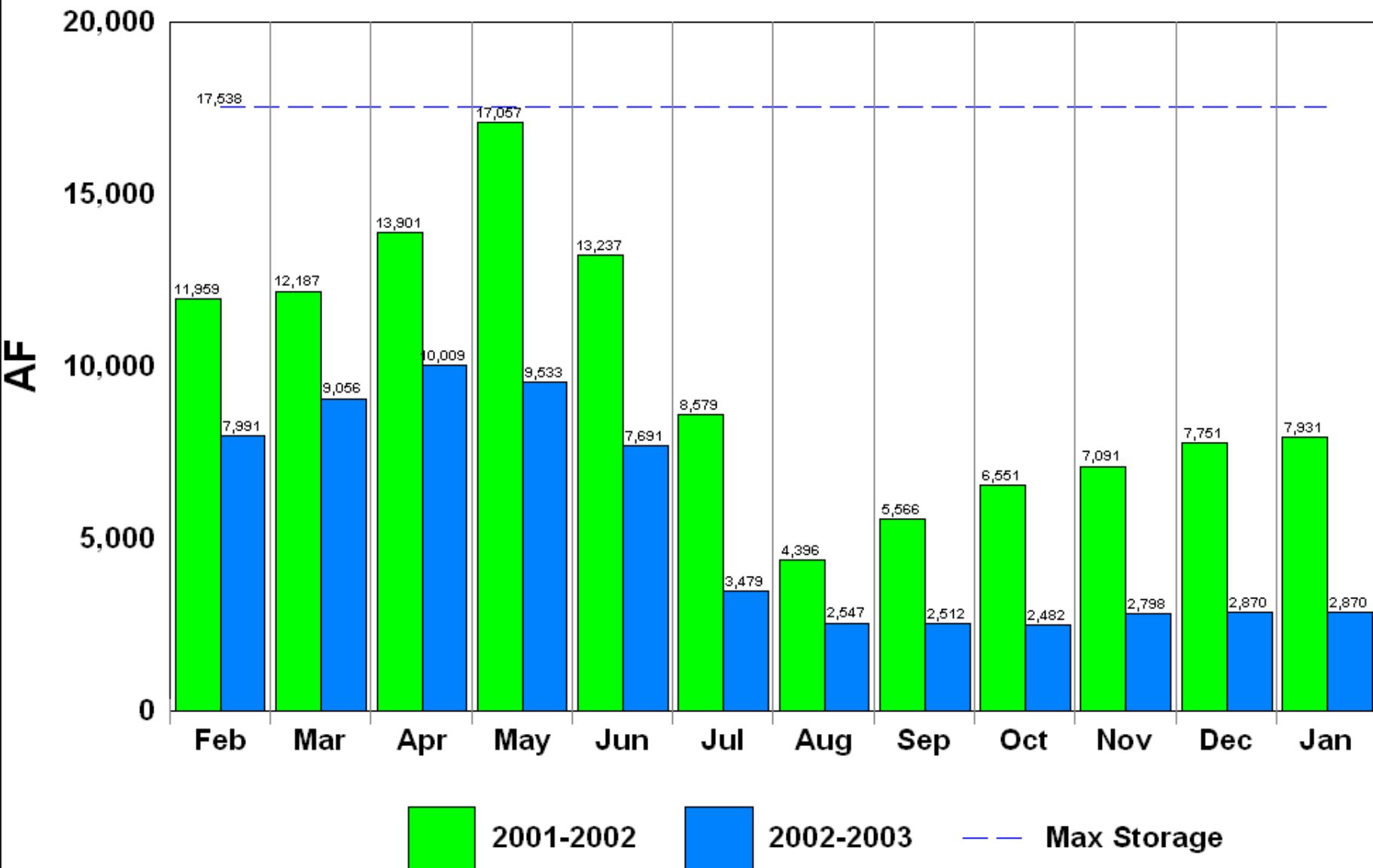
# Boyd Lake

(Agricultural)



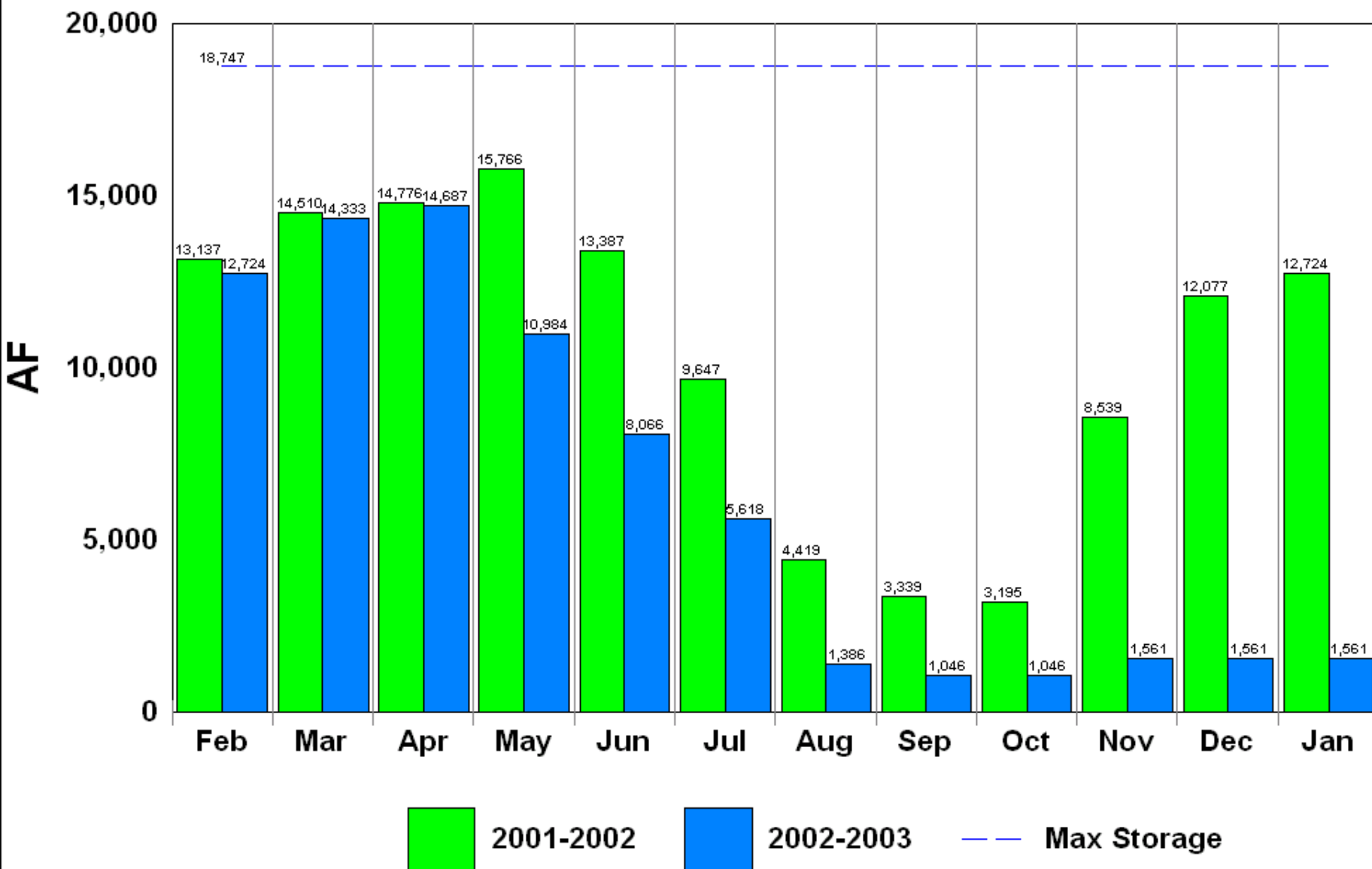
# Windsor Reservoir

(Agricultural)



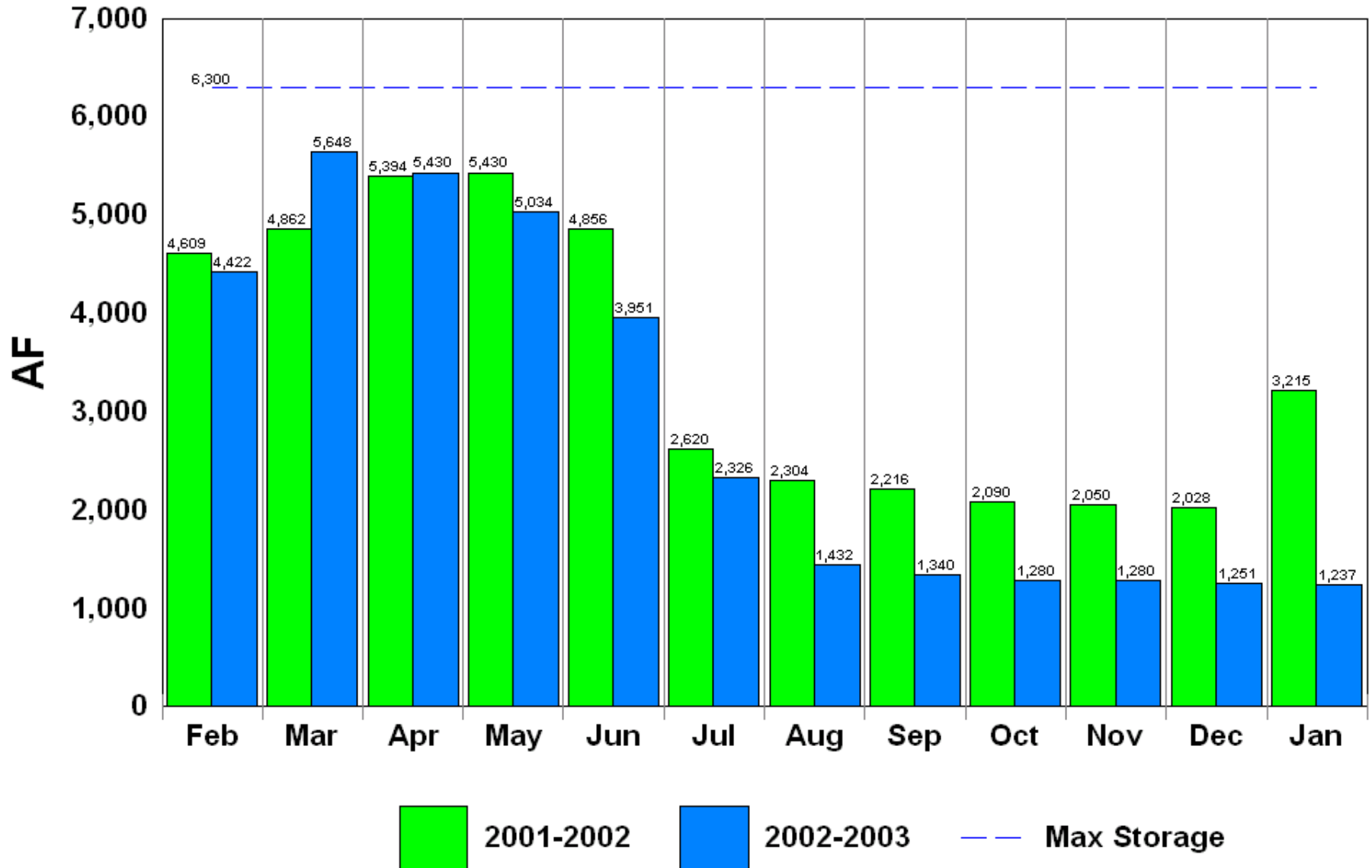
# Horse Creek Reservoir

(Agricultural)



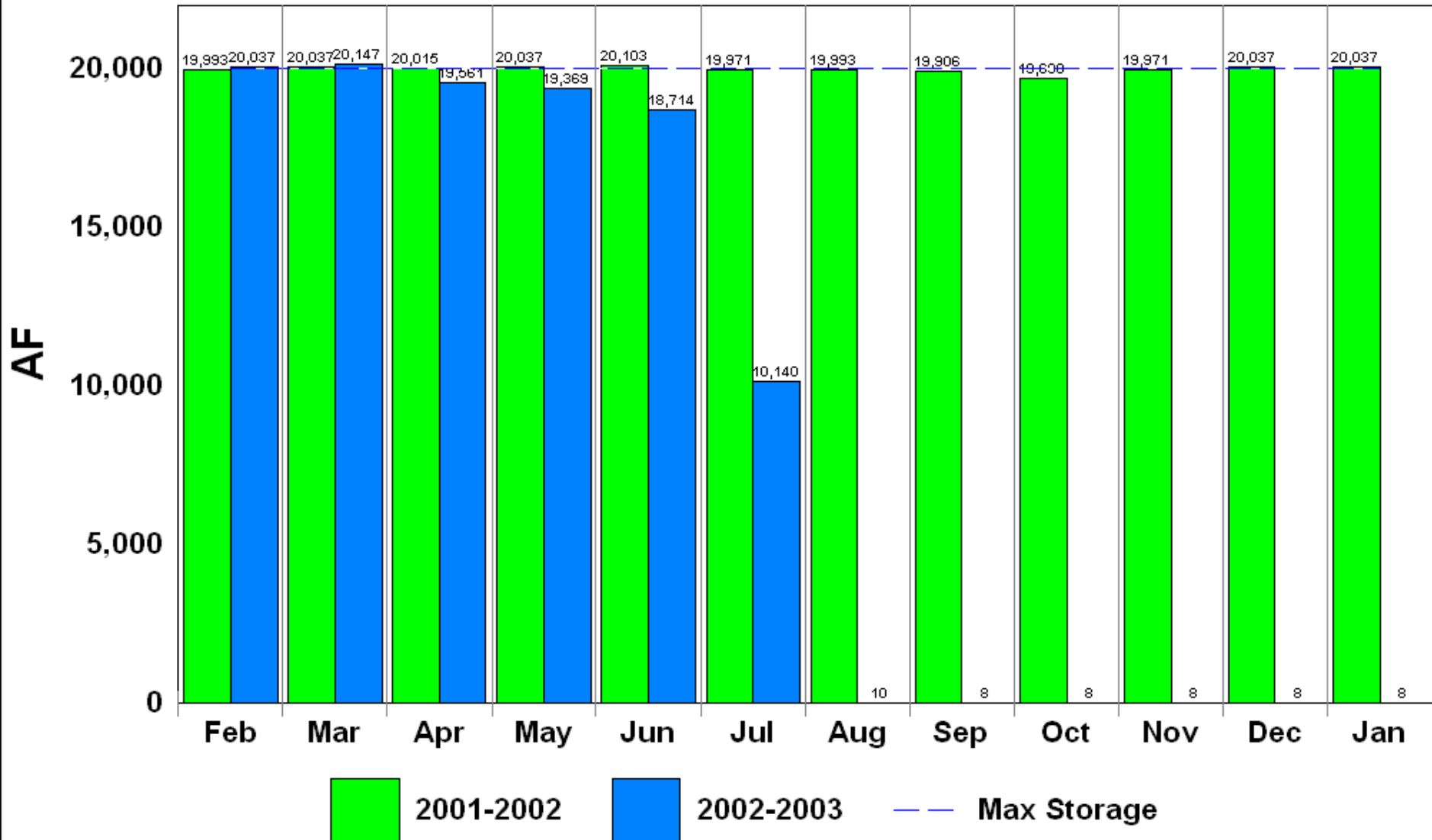
# Prospect Reservoir

(Agricultural)



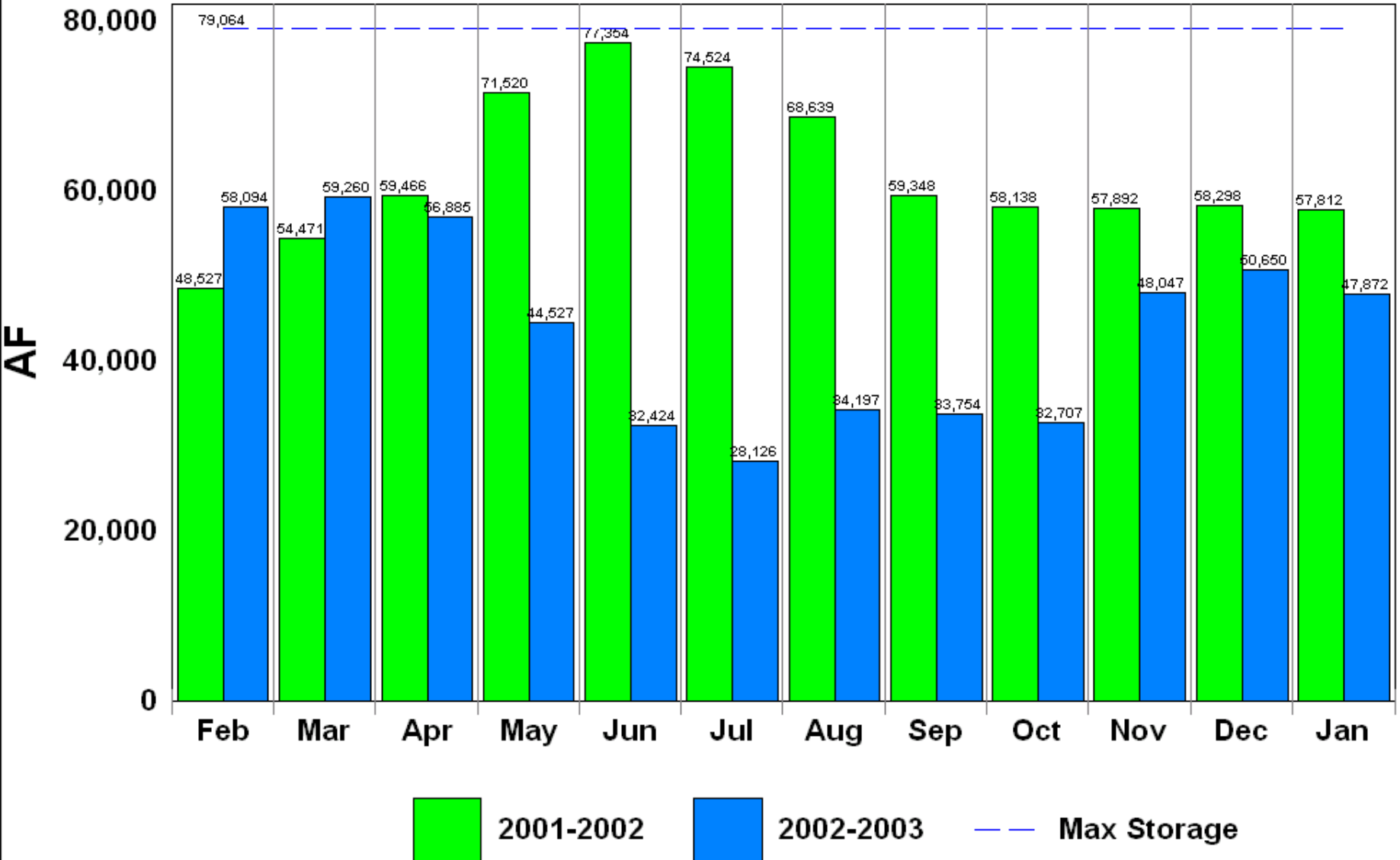
# Antero Reservoir

(Municipal)



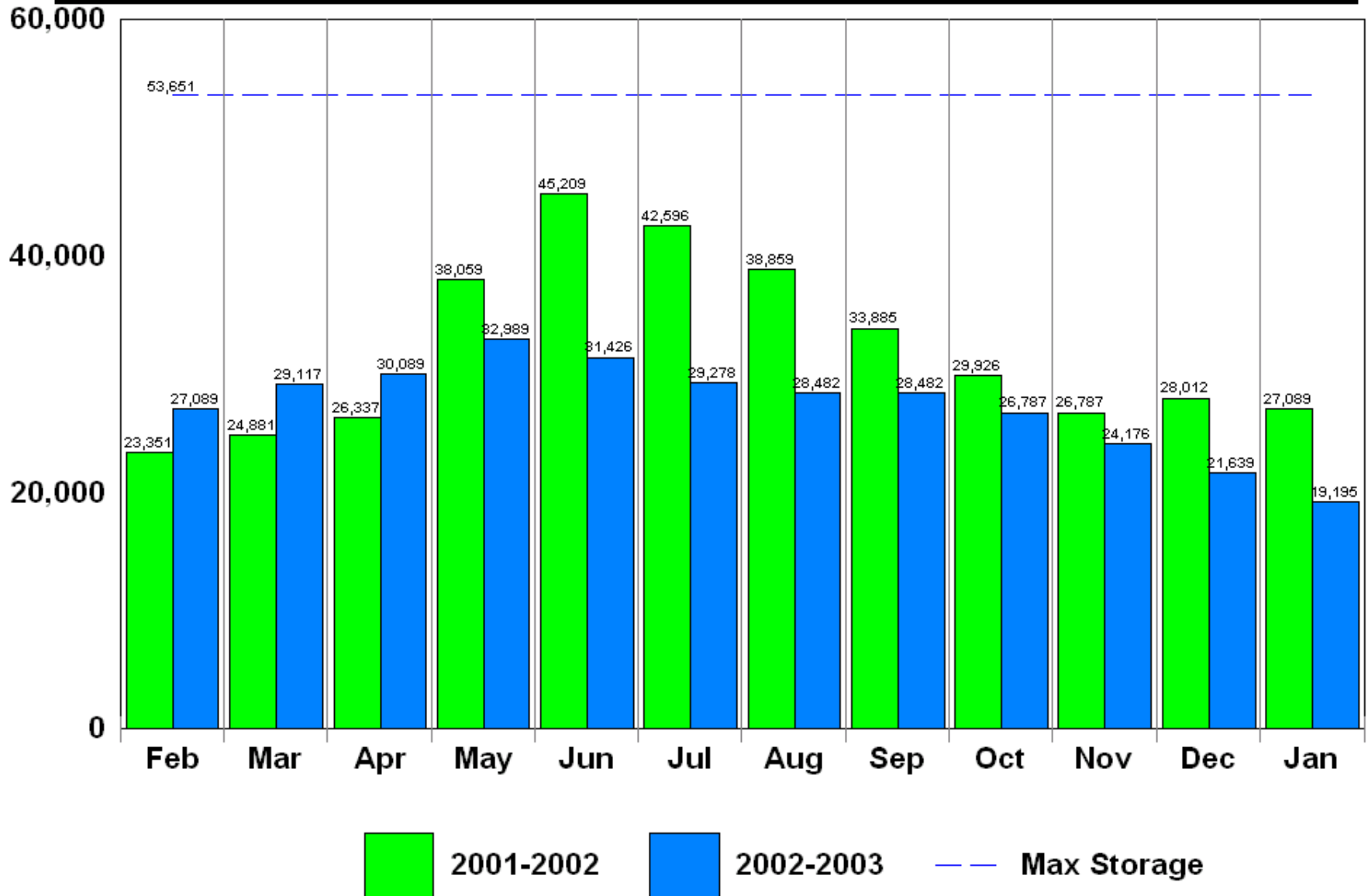
# Cheesman Reservoir

(Municipal)

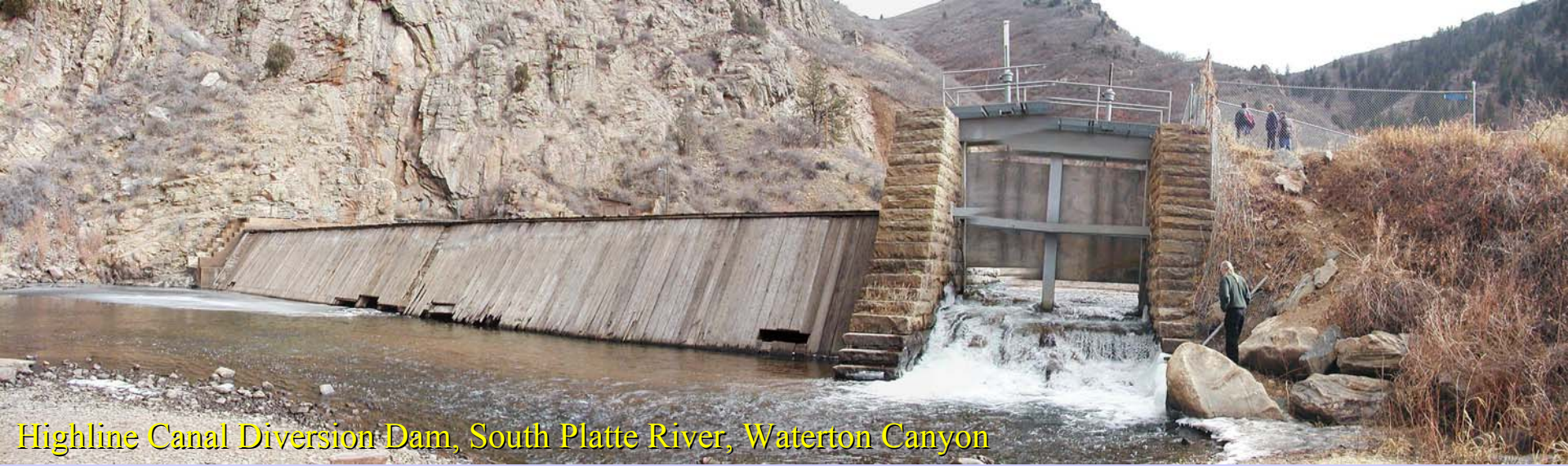


# Spinney Mountain Reservoir

(Municipal)

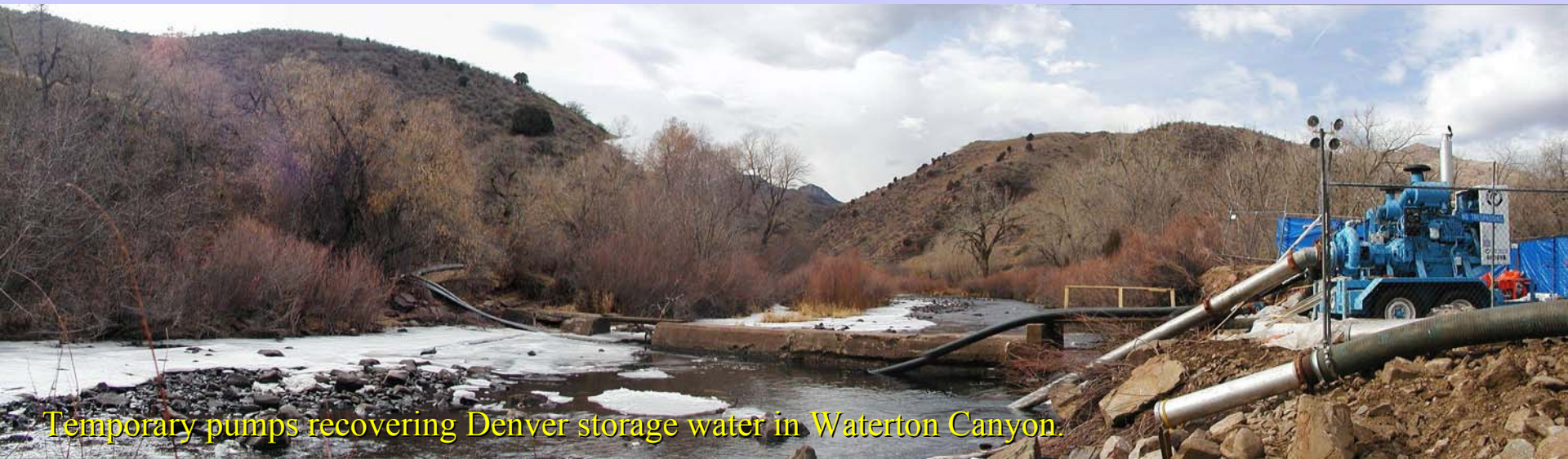






Highline Canal Diversion Dam, South Platte River, Waterton Canyon

All data is preliminary and provided by Division 1 staff.



Temporary pumps recovering Denver storage water in Waterton Canyon.