

An aerial photograph of a large reservoir, likely Chatfield Reservoir, surrounded by a mix of green fields, brownish soil, and some buildings. The text is overlaid on the top half of the image.

South Platte Summary

June 2003

By John Lochhead for SEO

Chatfield Reservoir



Dillon Reservoir May 5, 2003



Dillon Reservoir July 5, 2003

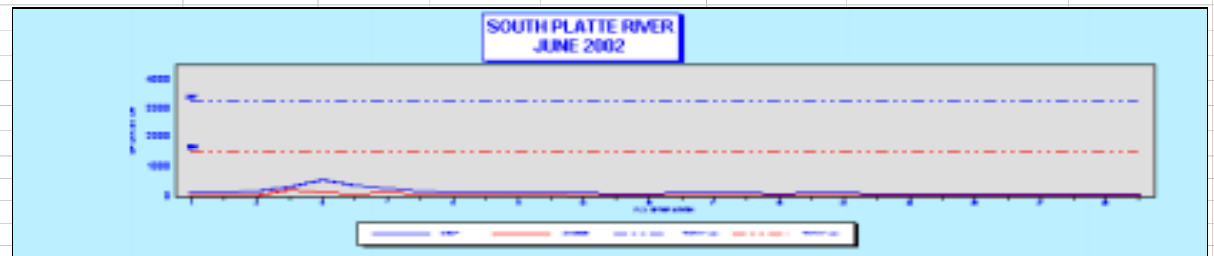
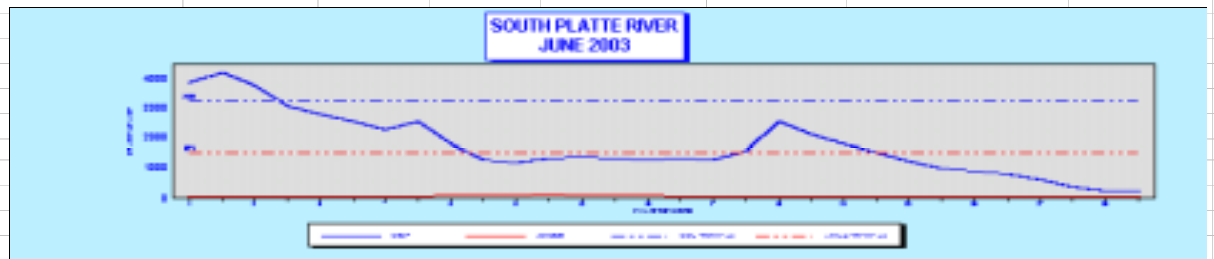
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF JUNE 2003

03-Jul

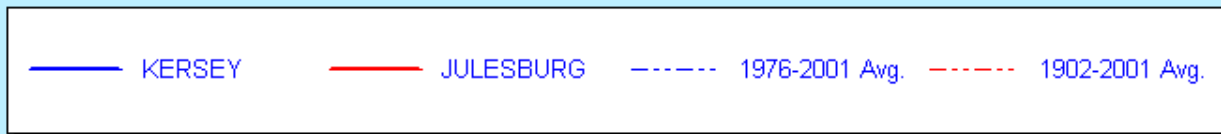
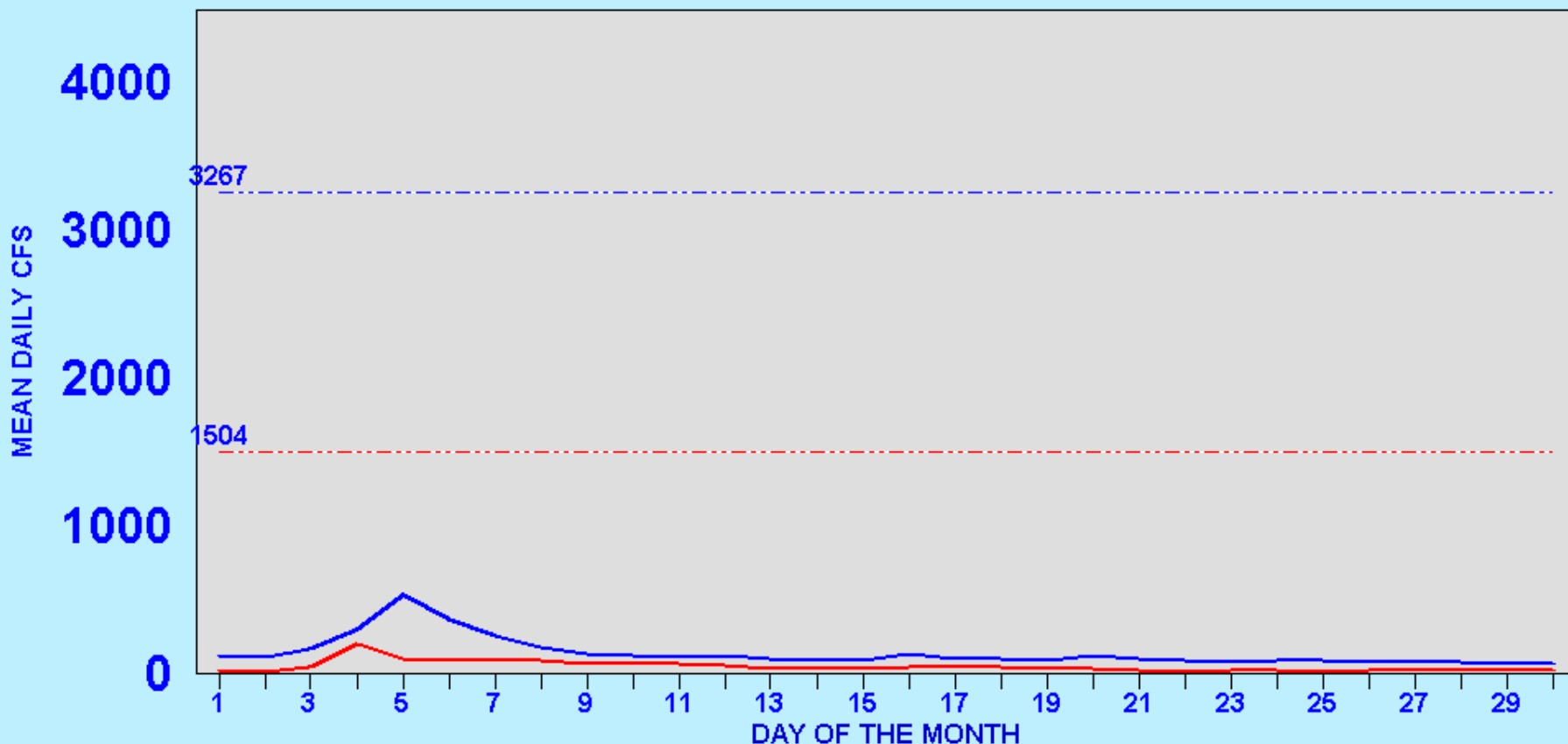
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH, (LAST YEAR)	SURCHARGE (ACRE FEET)
JULESBURG	22,666	21,650	19,660	64	(1,990)	-9%	87%	61%	0
NORTH STERLING	73,730	59,850	72,440	64	12,590	21%	98%	61%	0
PREWITT	28,500	19,780	27,220	64	7,440	38%	96%	65%	0
JACKSON	27,257	25,420	26,740	1	1,320	5%	98%	47%	0
EMPIRE	37,700	20,337	26,275	1	5,938	29%	70%	35%	0
RIVERSIDE	63,113	52,182	59,925	1	7,743	15%	95%	55%	0
BARR LAKE	31,652	31,095	30,537	2	(558)	-2%	96%	56%	0
CHEESMAN	79,064	62,690	74,482	80	11,792	19%	94%	41%	0
ELEVEN MILE	97,779	47,612	50,440	23	2,828	6%	52%	100%	0
SPINNEY	53,651	19,547	33,885	23	14,338	73%	63%	59%	0
ANTERO	20,015	8	8	23	0	0%	0%	93%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	1,748
JULESBURG	57
THIS MONTH LAST YEAR	
KERSEY	139
JULESBURG	46
MEAN FOR PERIOD OF RECORD*	
KERSEY	3267
JULESBURG	1,504



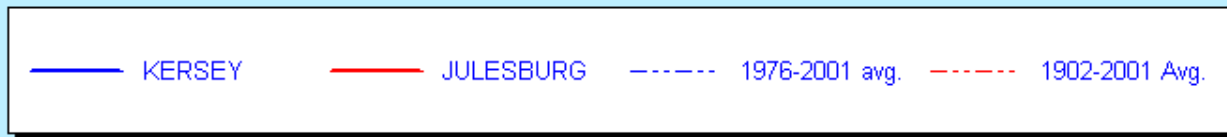
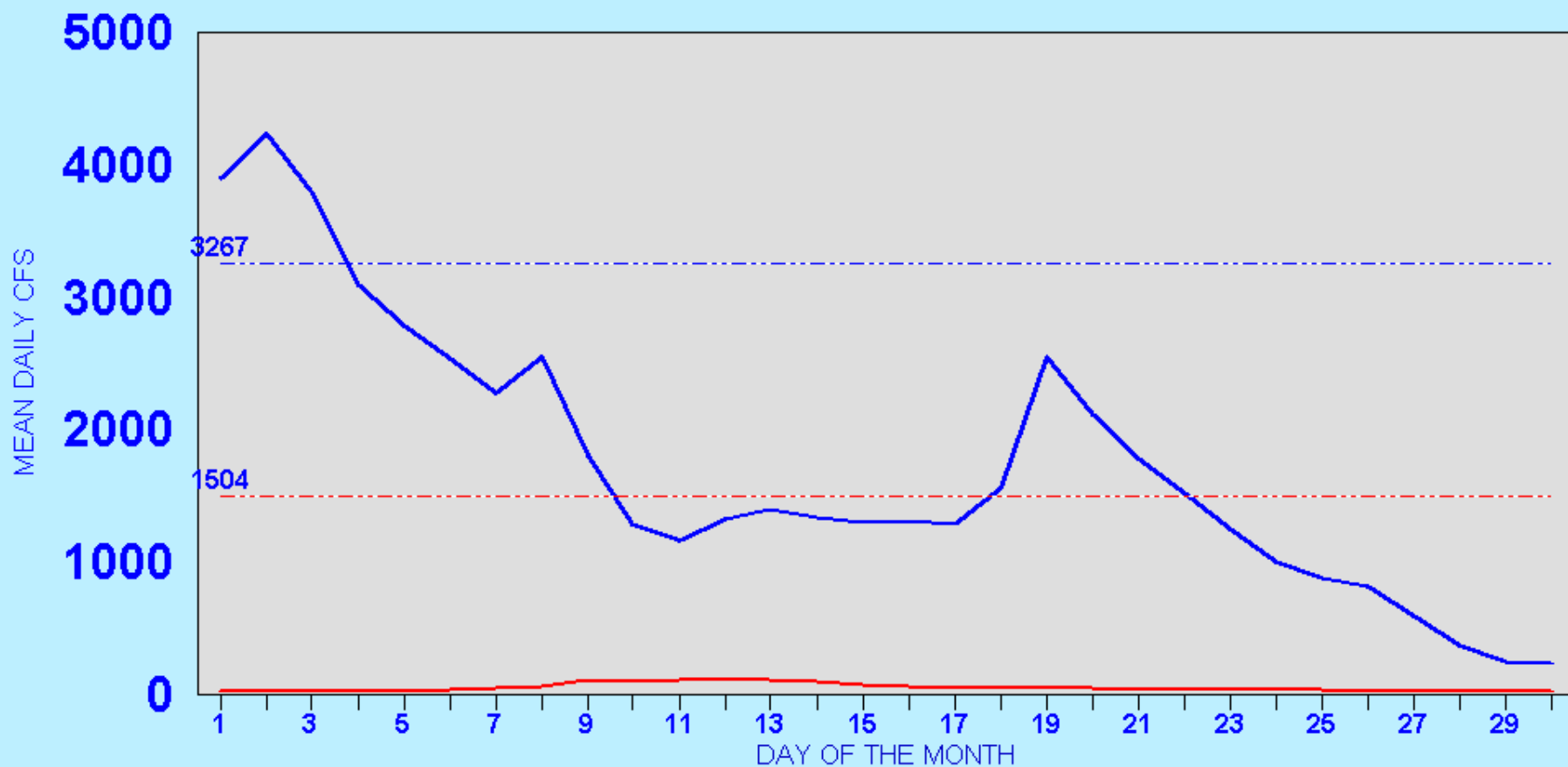
* 1976-2001
1902-2001

SOUTH PLATTE RIVER JUNE 2002



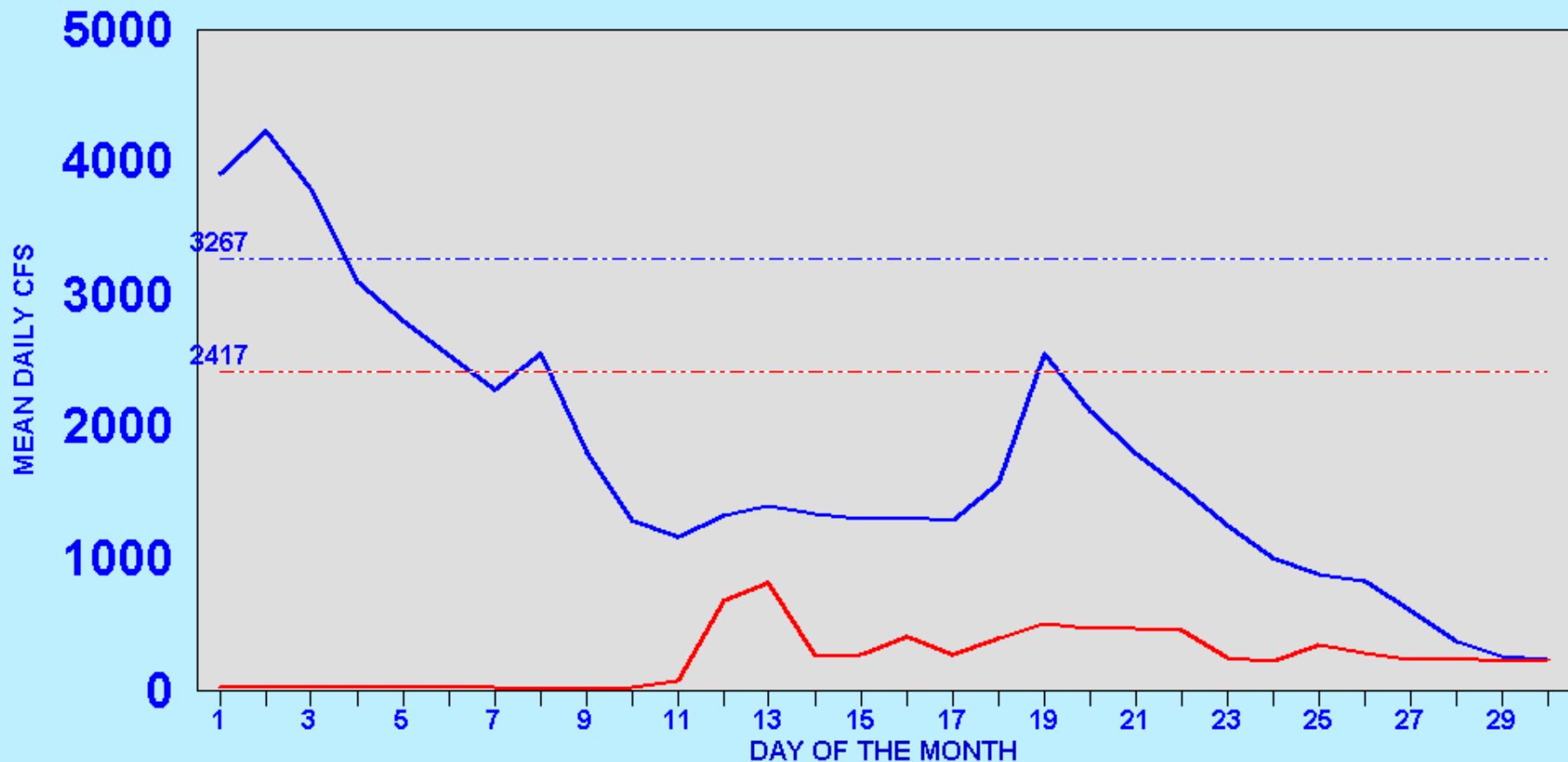
SOUTH PLATTE RIVER

June 2003



Kersey Balzac

JUNE 2003



— Kersey

— Balzac

- - - Kersey 1976-2001 Avg

- - - Balzac 1980-2001 Avg

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

South Platte River at Kersey

South Platte River at Julesburg

	USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2003 mean monthly flow	Estimated Mean		USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2003 mean monthly flow	Estimated Mean
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	576		Feb	619	1864	1930	78.9	1935	40	*
Mar	929	1852	1983	473	1982	760		Mar	559	2200	1939	56.9	1904	63	
Apr	1096	3894	1983	144	1982	584		Apr	555	2808	1983	17.3	1904	113	
May	2486	13060	1980	251	1977	871		May	1075	9922	1980	24.1	1911	87	
Jun	3267	14520	1983	113	1977	1748		Jun	1504	12200	1983	8.33	1910	57	
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

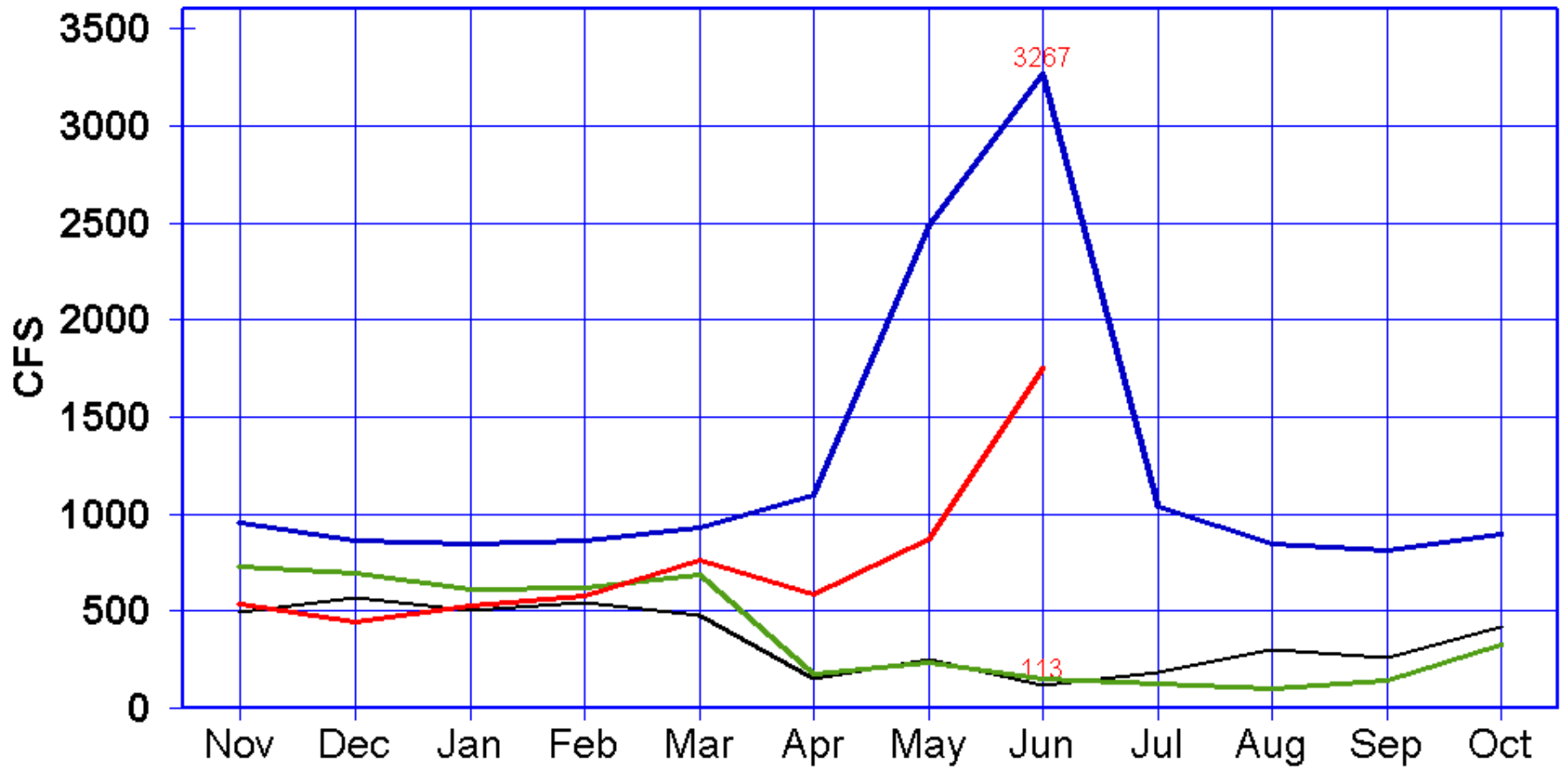
*Period of record 1902-2001



Looking downstream from the flume below Cheesman Reservoir

South Platte River at Kersey

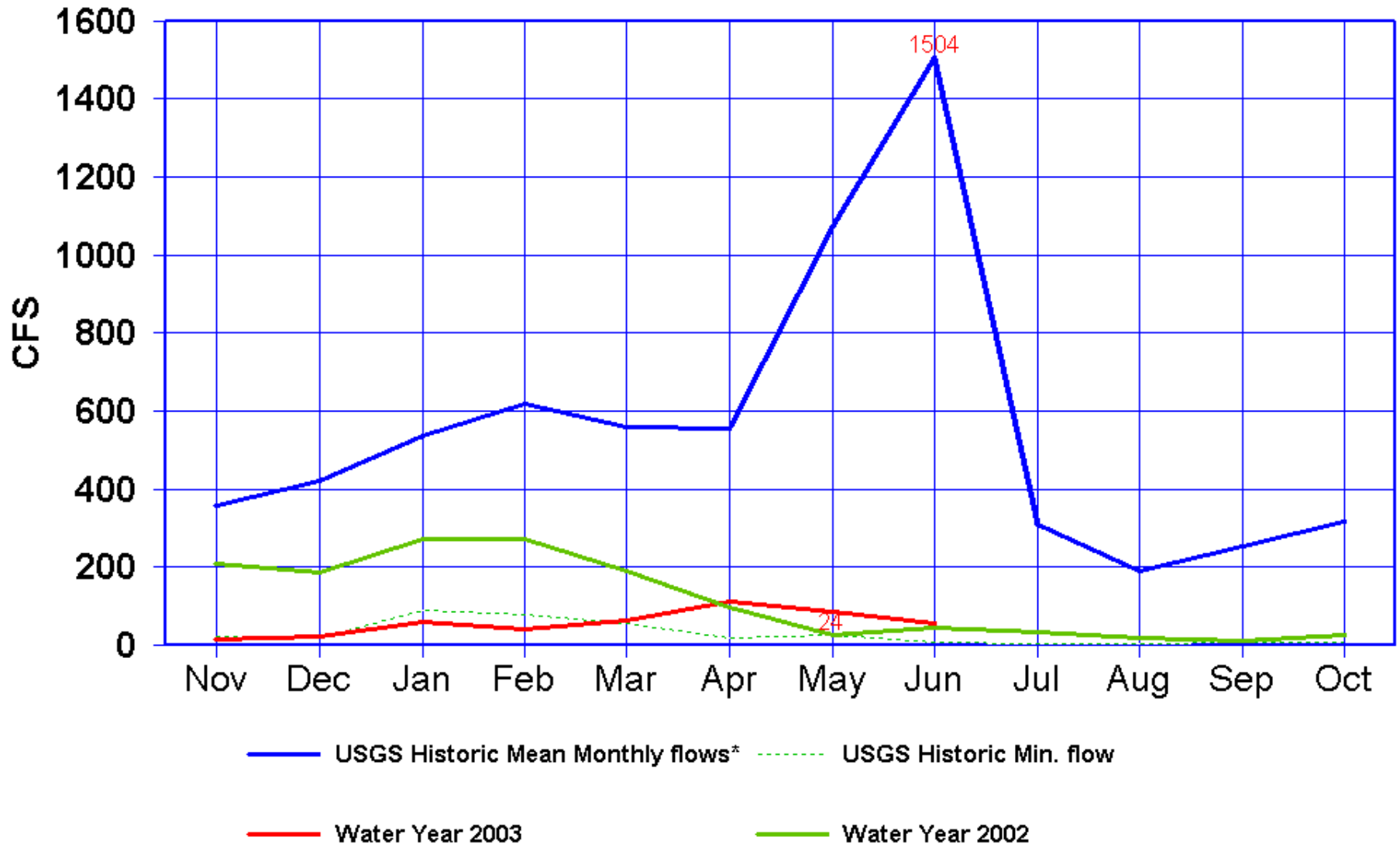
Irrigation Water Year*



— Mean monthly flows* — Min. monthly flow* — 2001-2002 mean flow — 2002-2003 mean flow

South Platte River at Julesburg

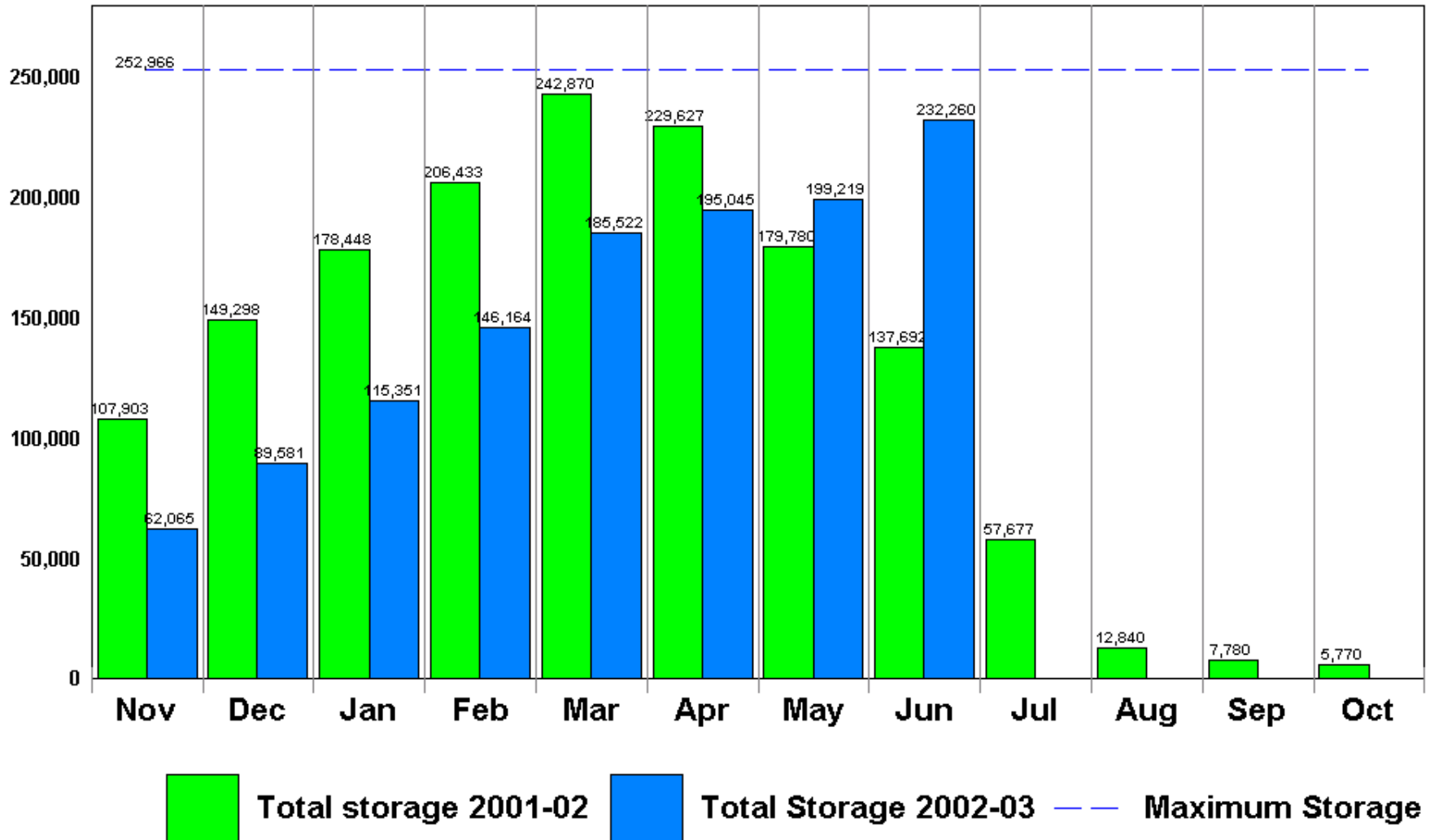
Irrigation Water Year*



Bar and line graphs for combined storage of selected reservoirs below and above Kersey.



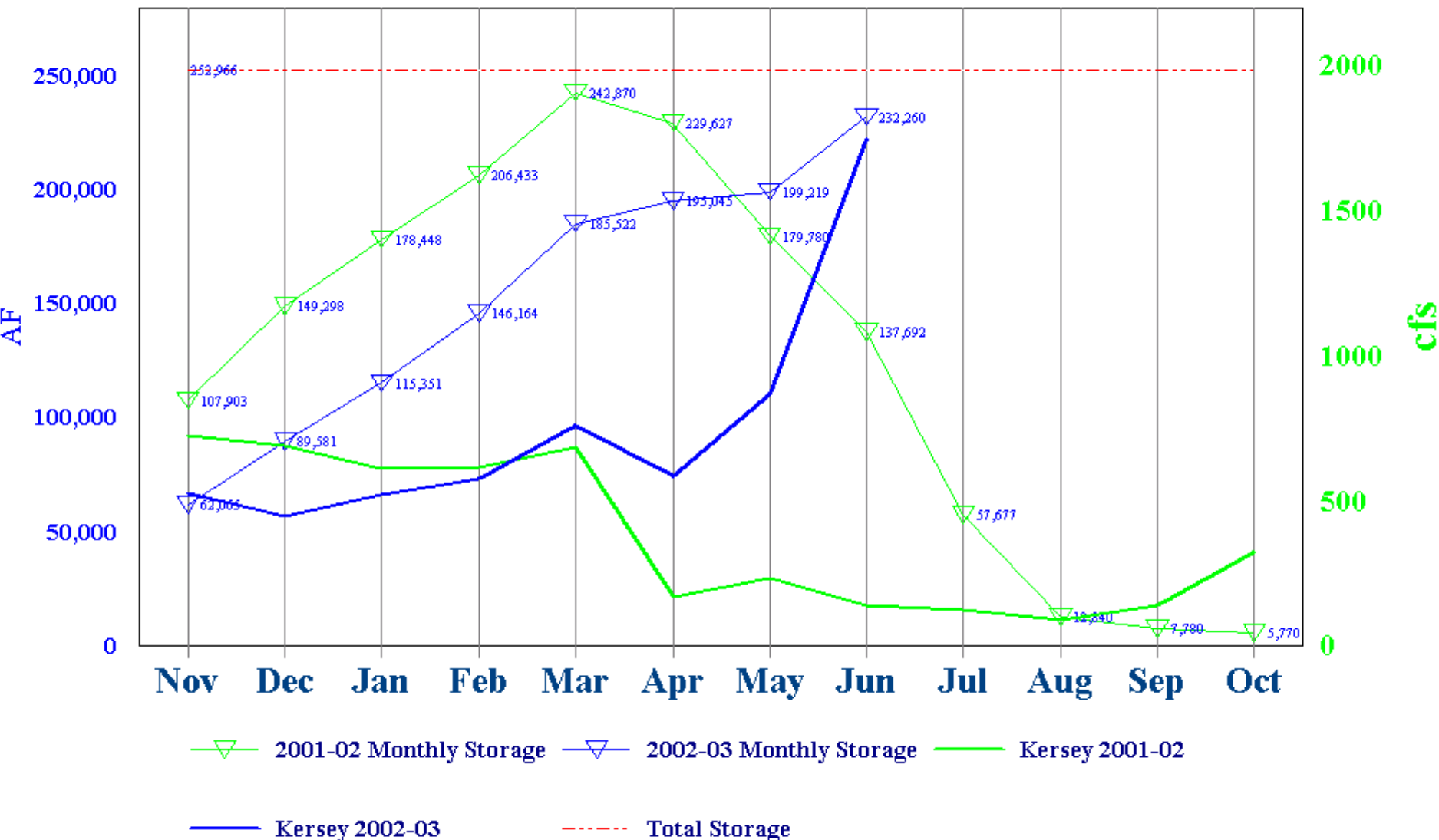
South Platte Reservoirs Storage below Kersey*



*Empire, Riverside, Jackson, Prewitt, N. Sterling, Julesburg. by jhl

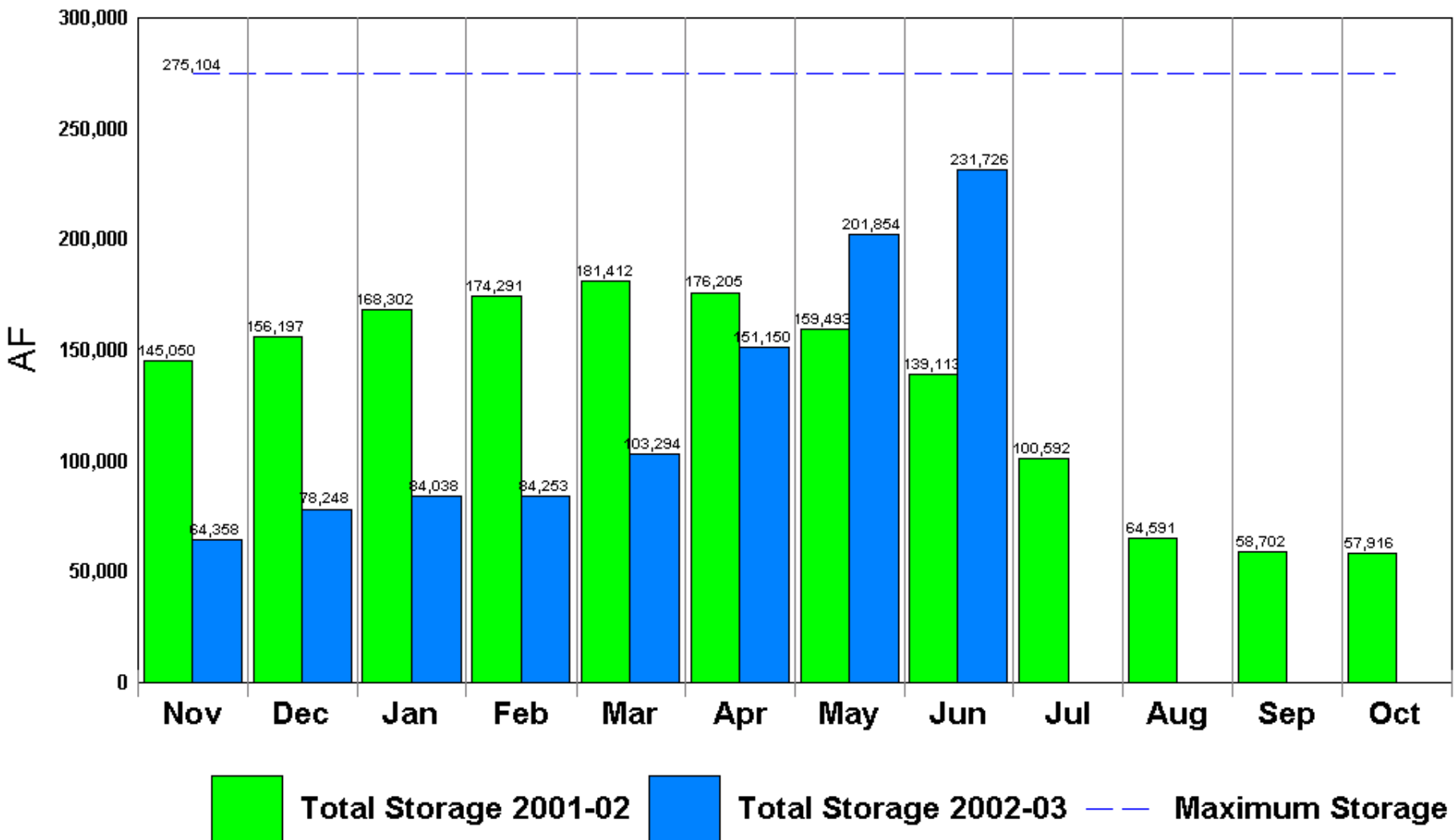
Reservoir Storage below Kersey

Selected Reservoirs*



*Empire, Riverside, Jackson, Prewitt, N. Sterling, Julesburg. by jhl

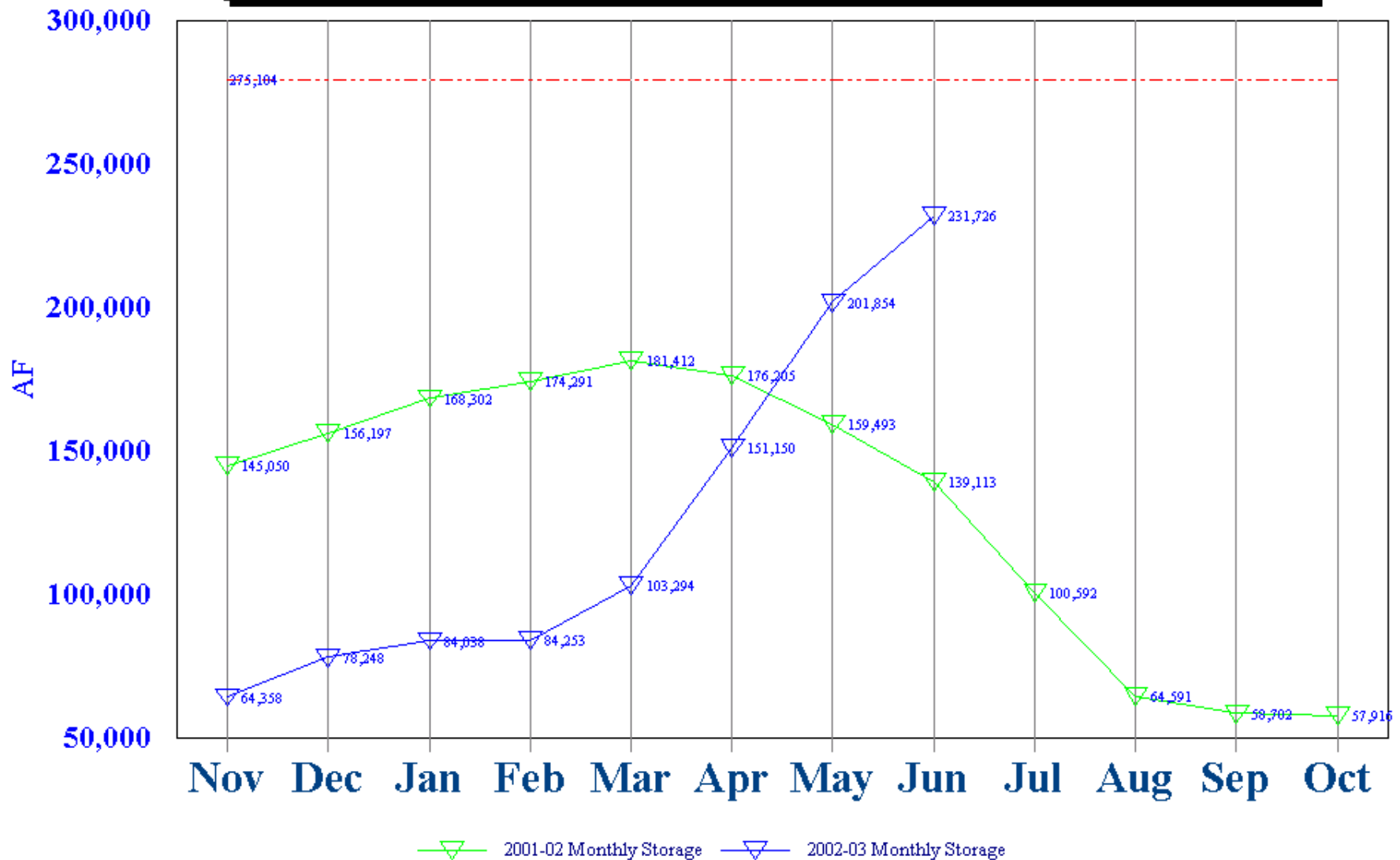
South Platte Reservoirs Storage above Kersey*



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

Reservoir Storage above Kersey

Selected Reservoirs*



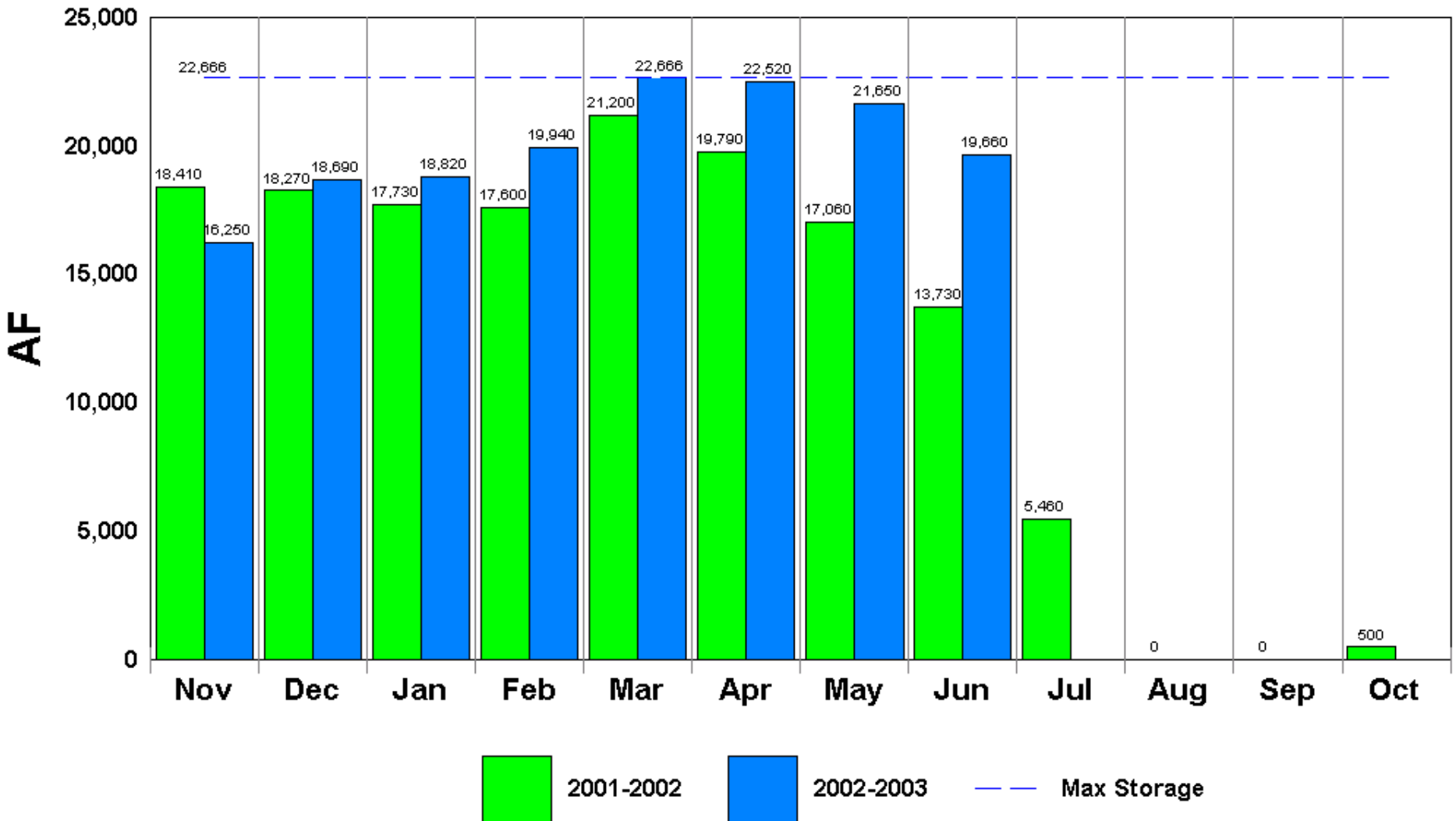
*Barr,Cobb,FossilCrk,Halligan,Marshall,Milton,Union,Standley,LowerLatham,Boyd,Loveland,Windsor,HorseCrk,Prospect. by jhl

A photograph of a stream flowing over a large, moss-covered log. The water is clear and turbulent as it cascades over the log. The surrounding area is filled with dry sticks and debris, which are being carried by the current. The scene is set in a lush, green forest with sunlight filtering through the trees.

**Selected Individual
Reservoir Storage**

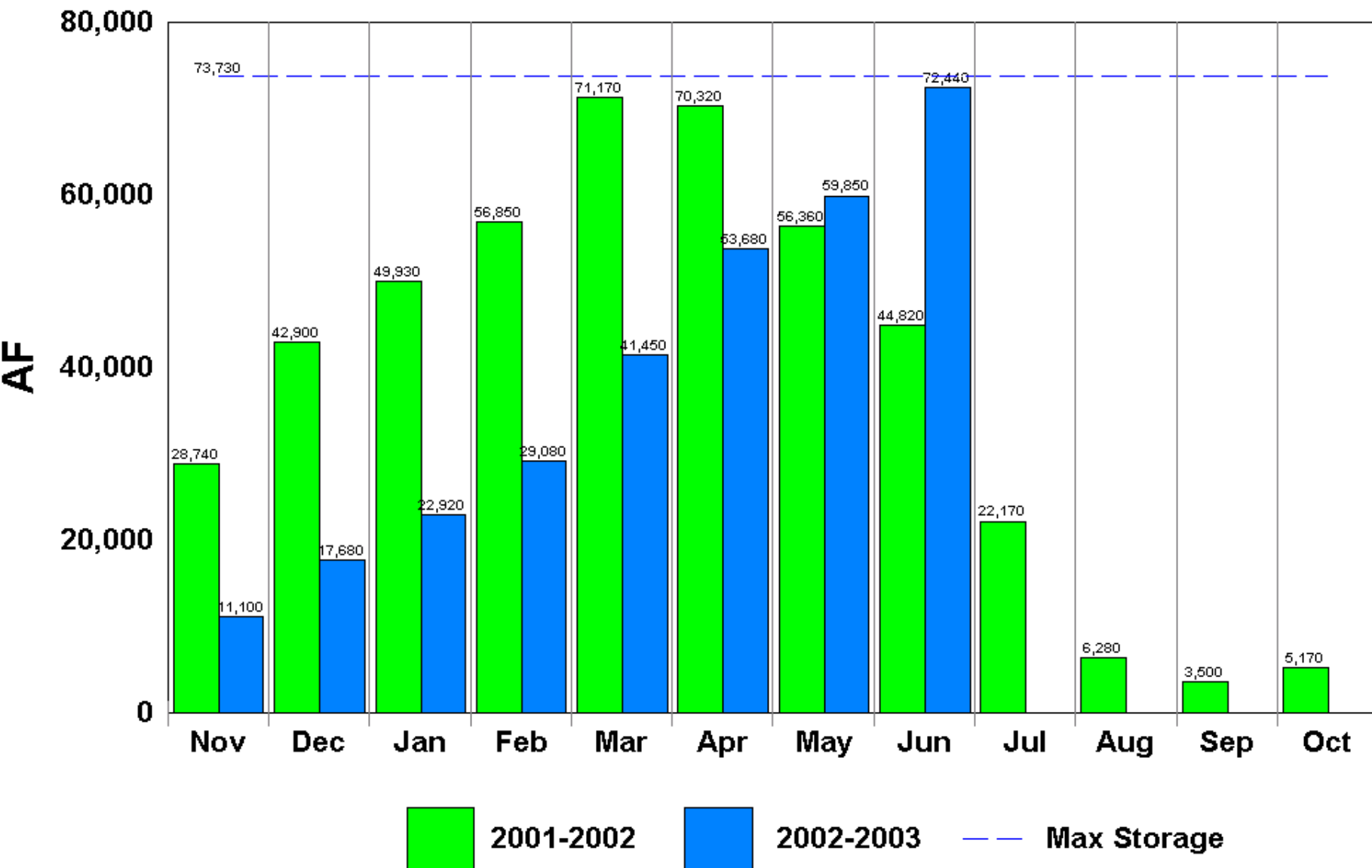
Julesburg Reservoir

(Agricultural)



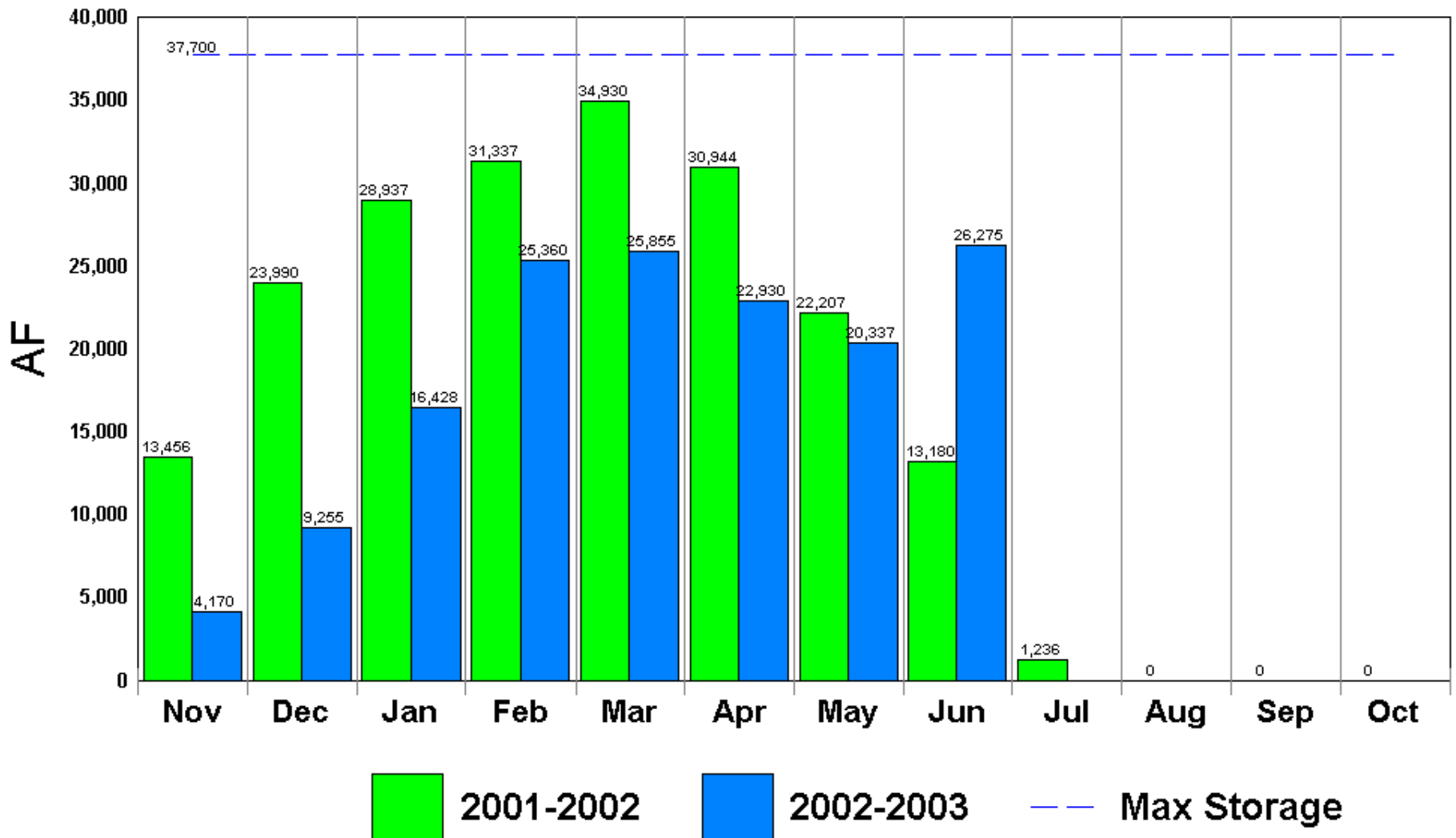
N. Sterling Reservoir

(Agricultural)



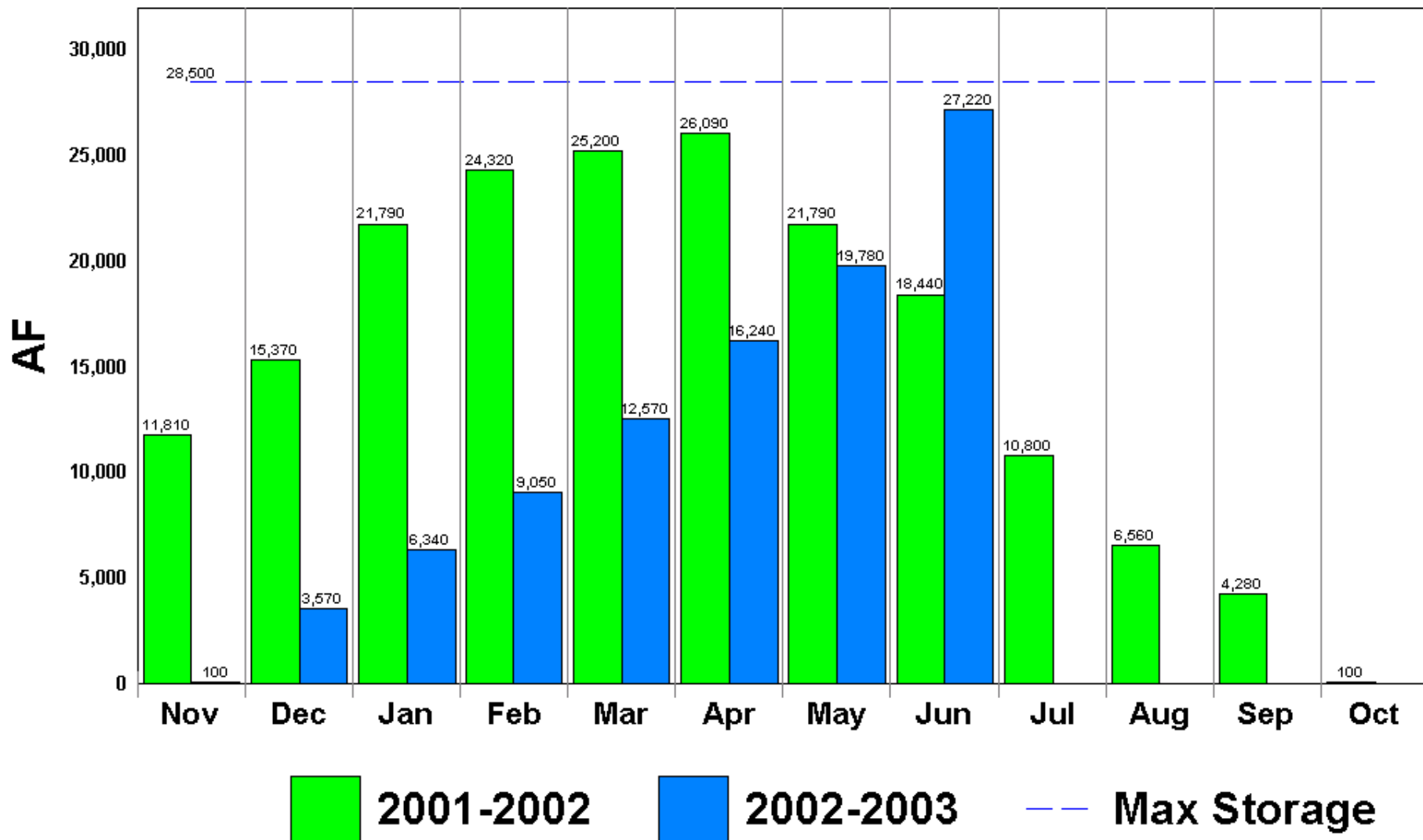
Empire Reservoir

(Agricultural)



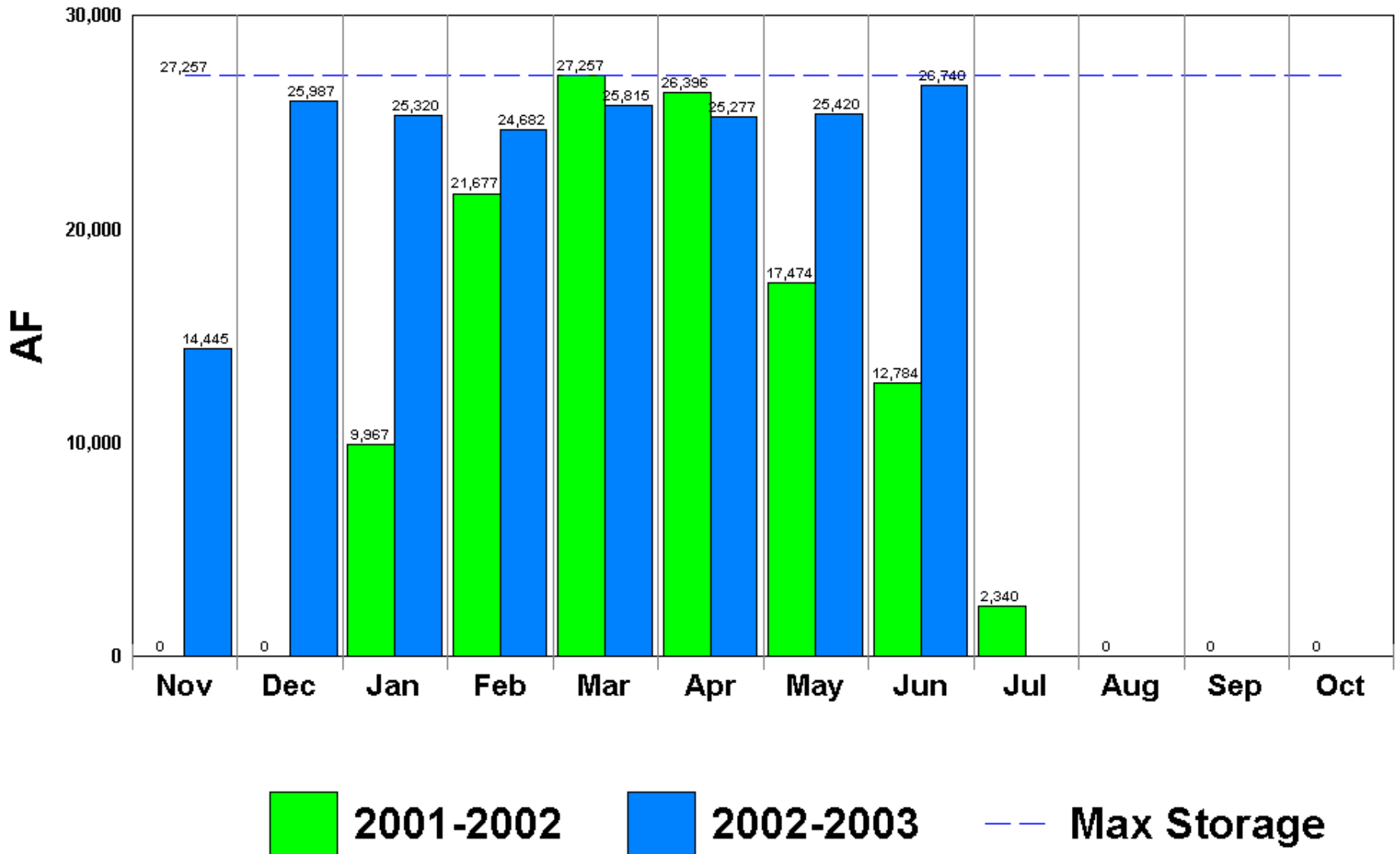
Prewitt Reservoir

(Agricultural)



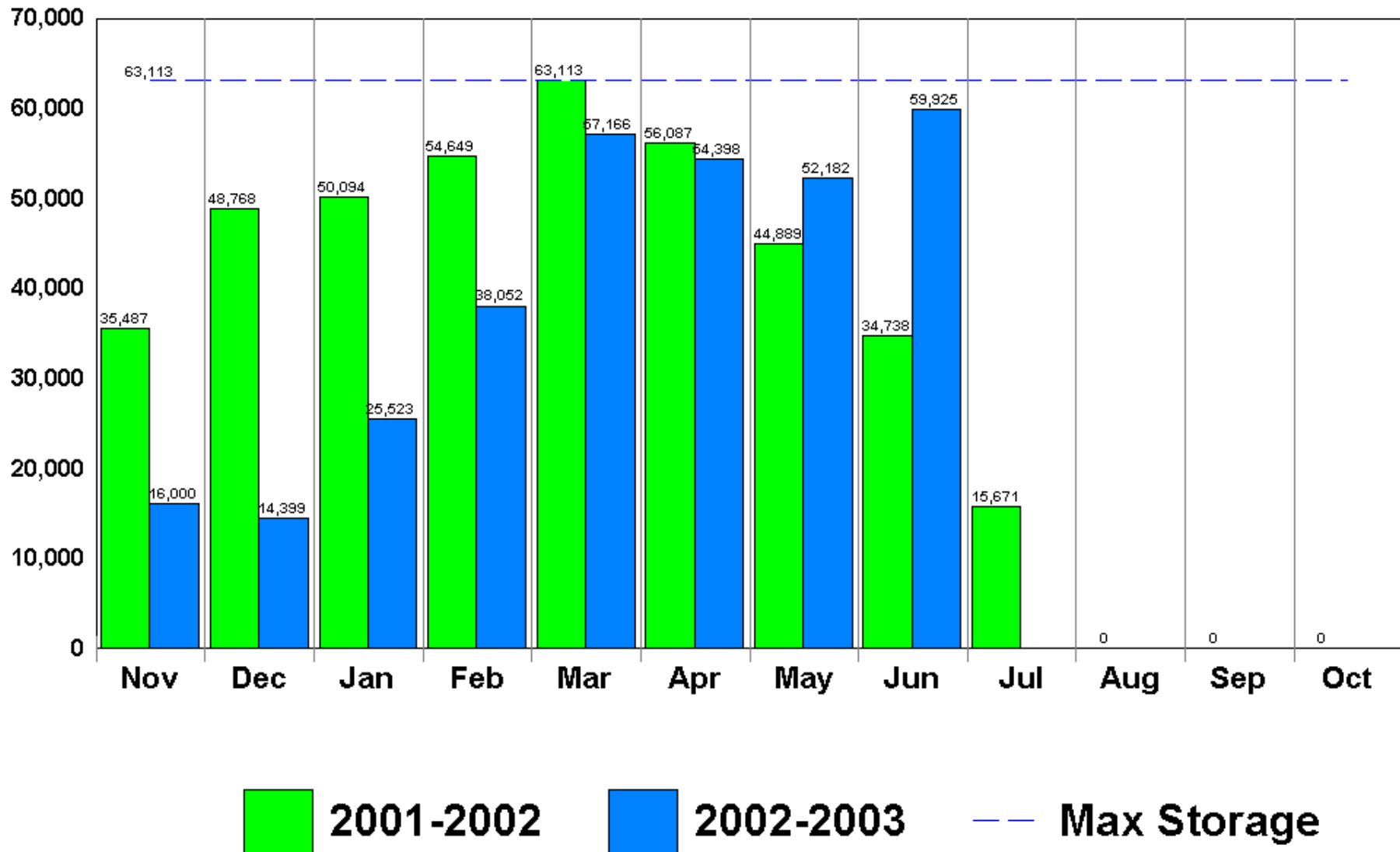
Jackson Reservoir

(Agricultural)



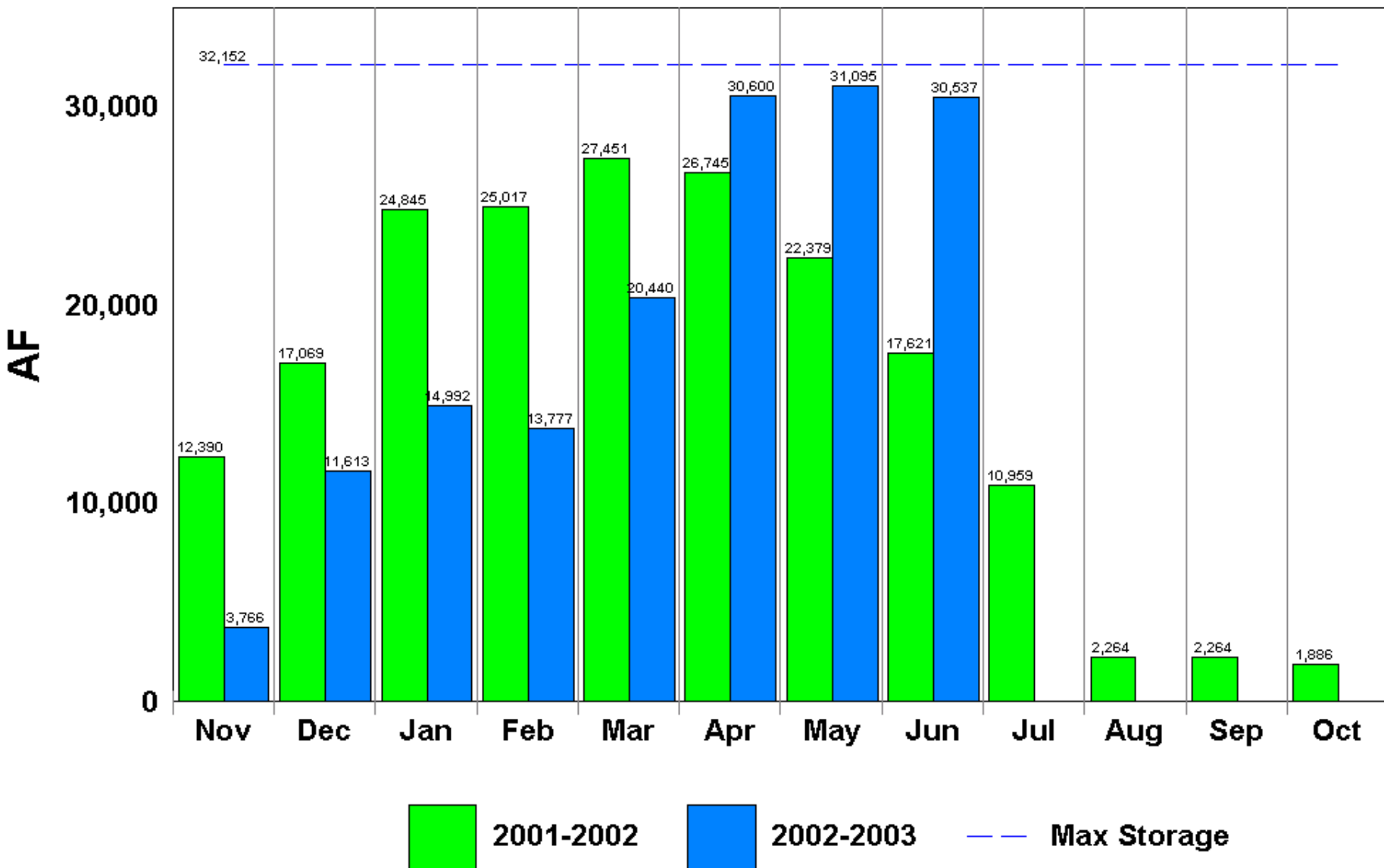
Riverside Reservoir

(Agricultural)



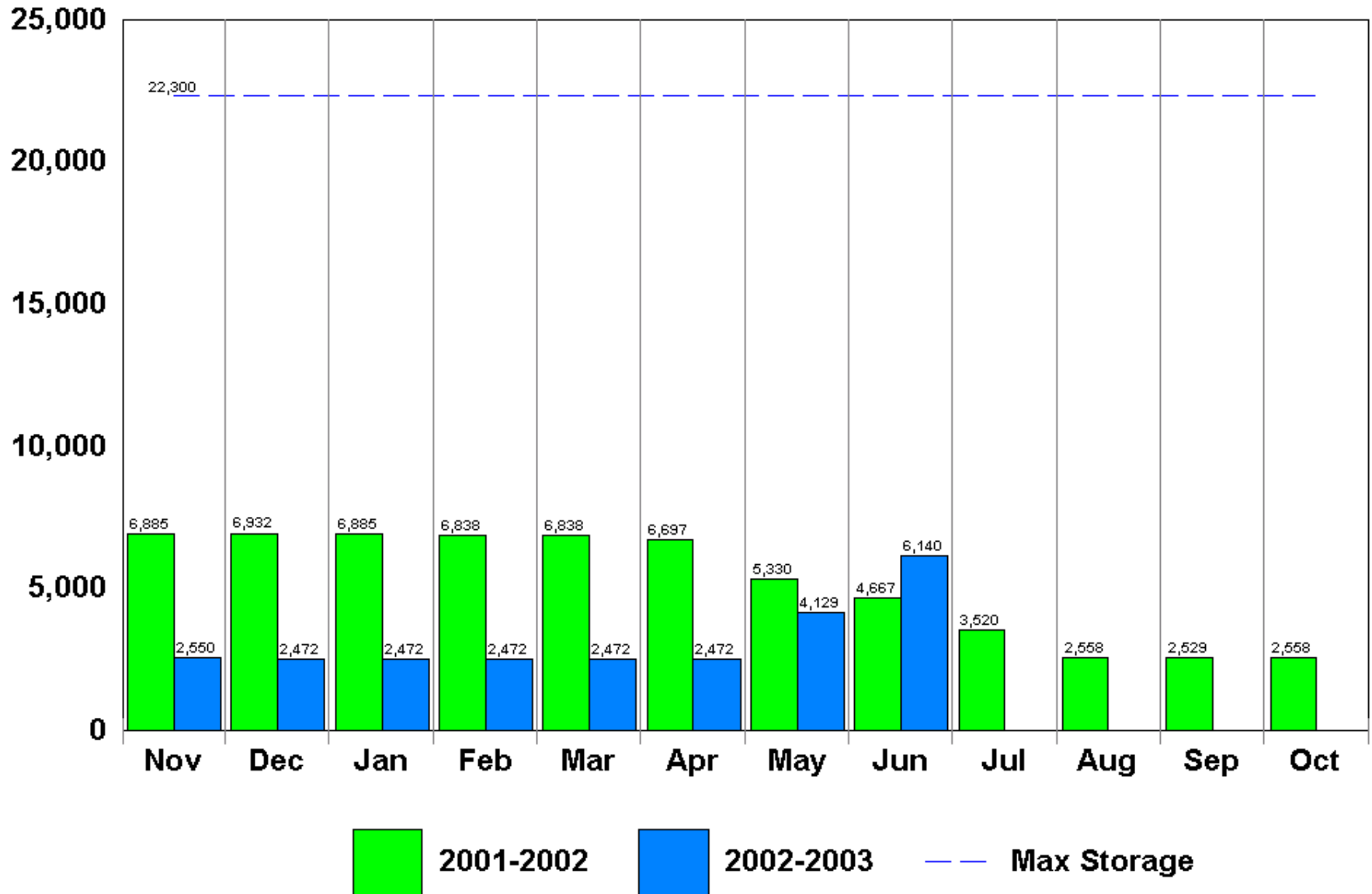
Barr Lake

(Agricultural)



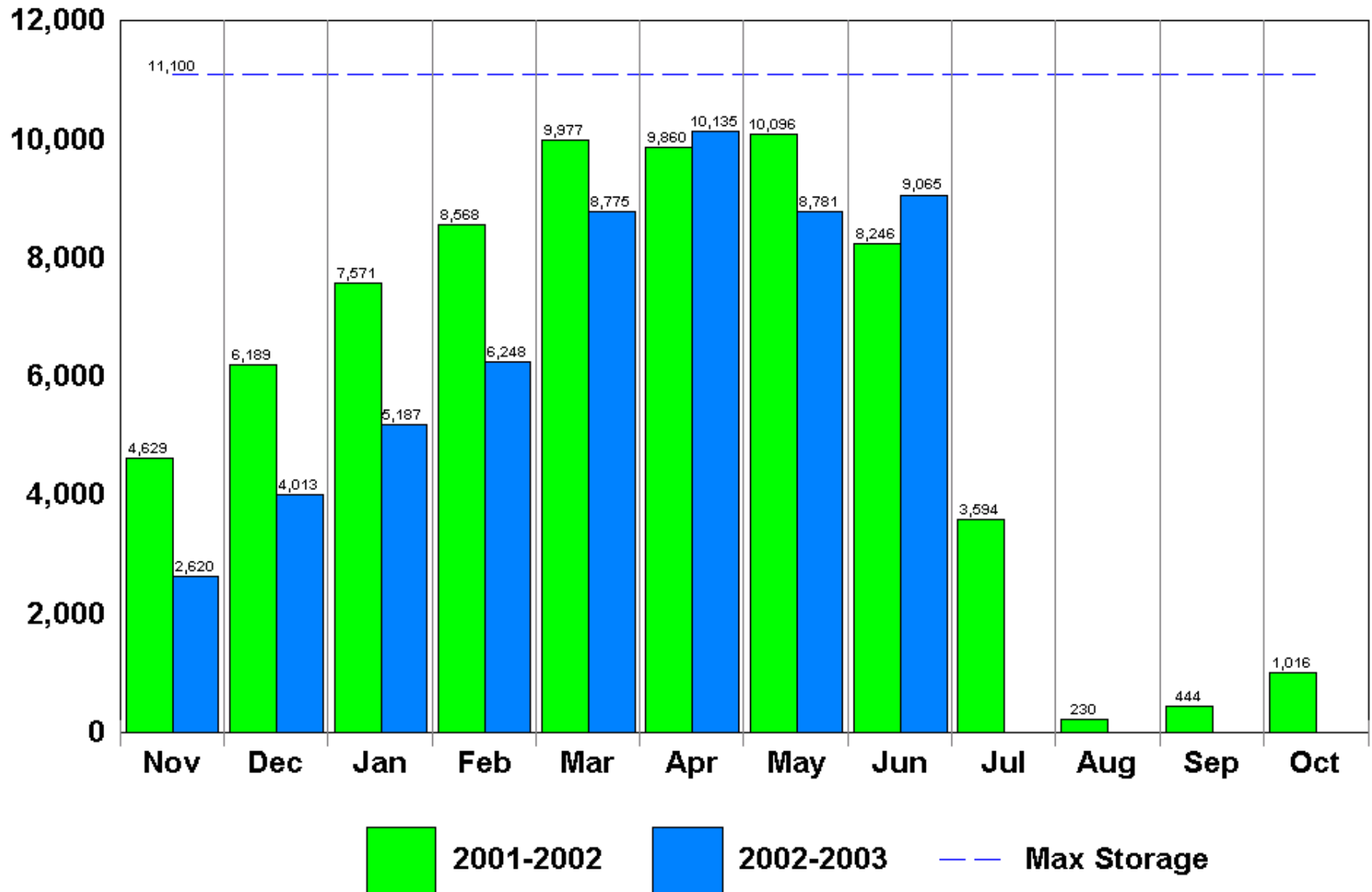
Cobb Lake

(Agricultural)



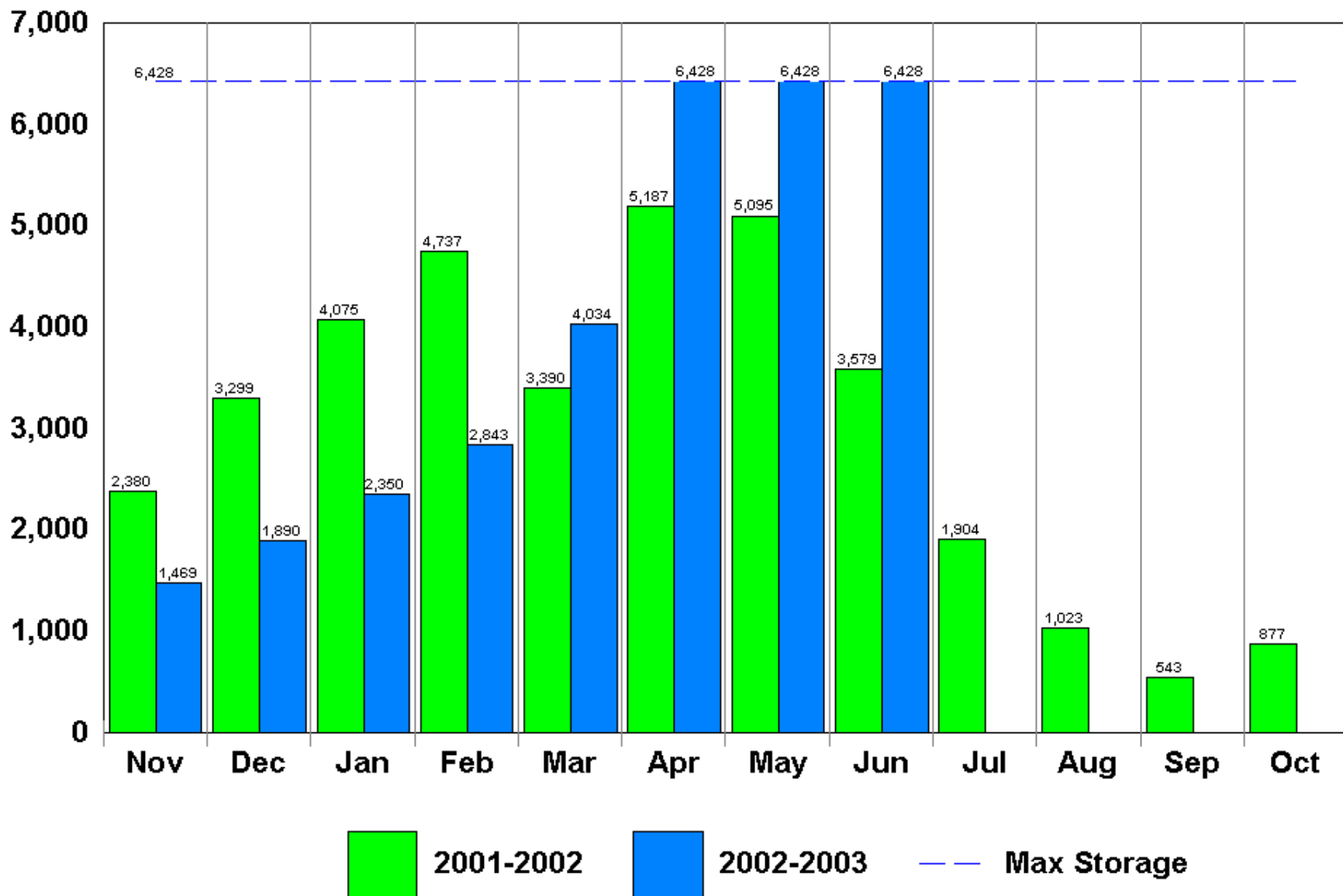
Fossil Creek Reservoir

(Agricultural)



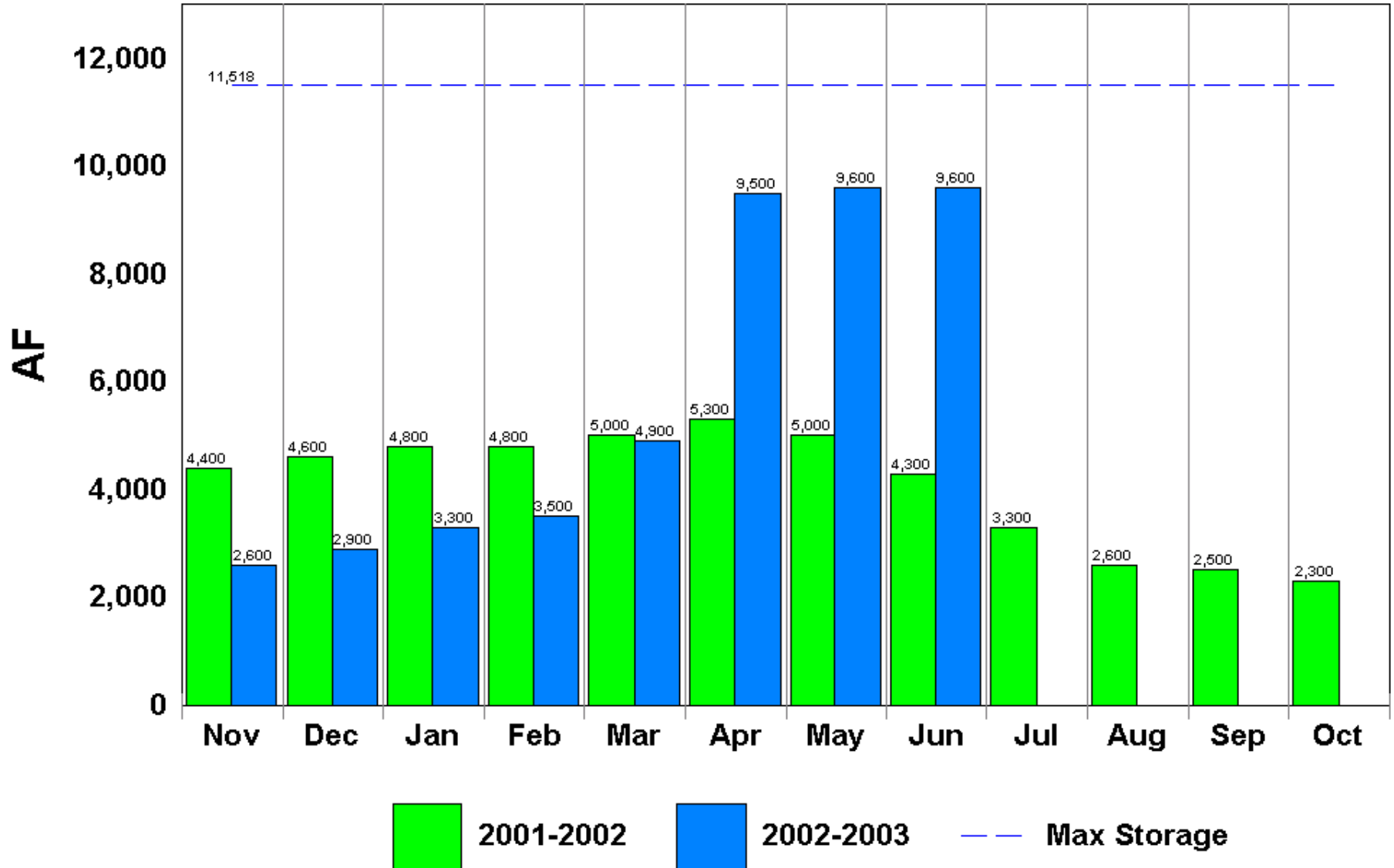
Halligan Reservoir

(Agricultural)



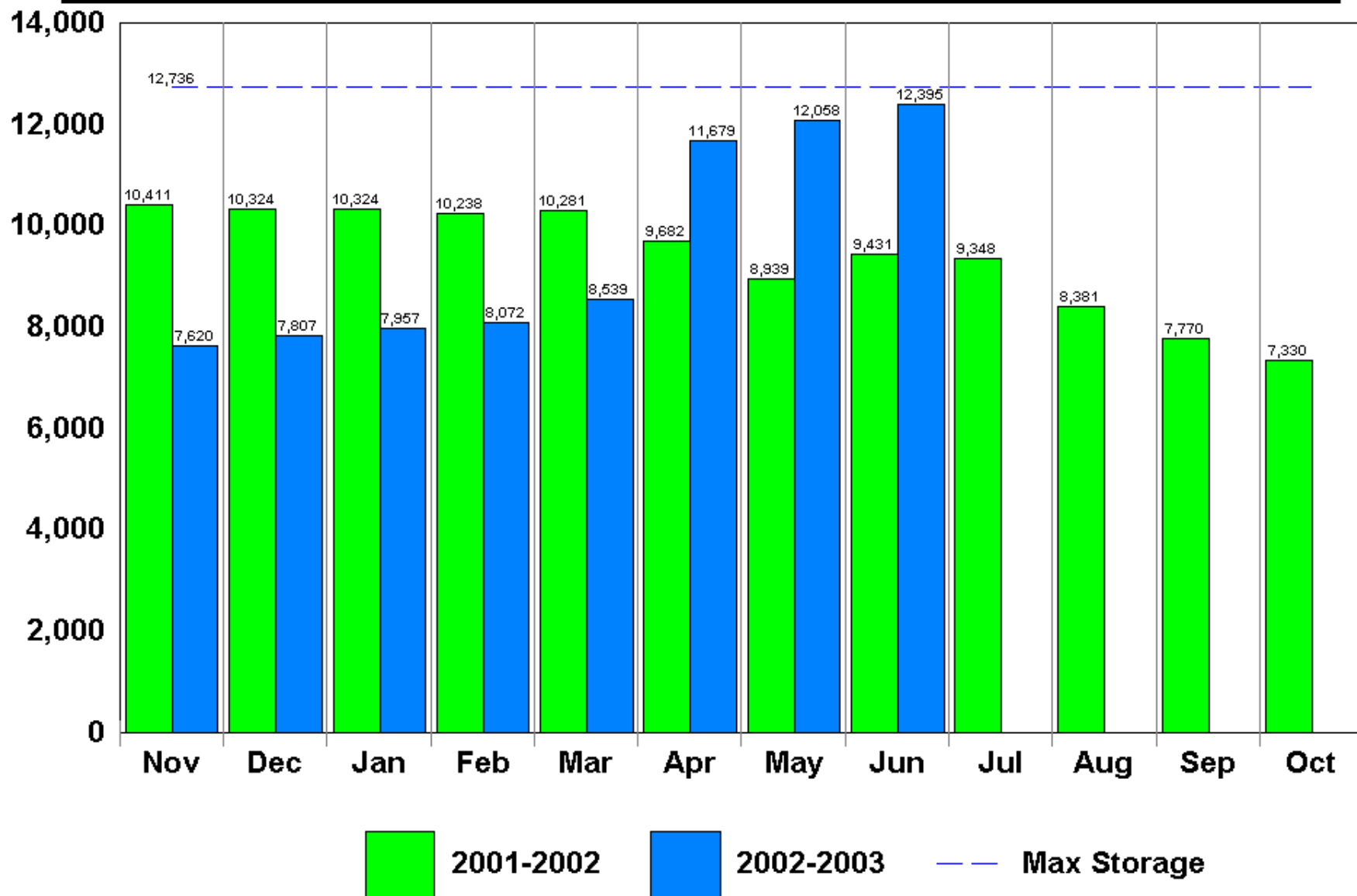
Marshall Lake

(Agricultural)



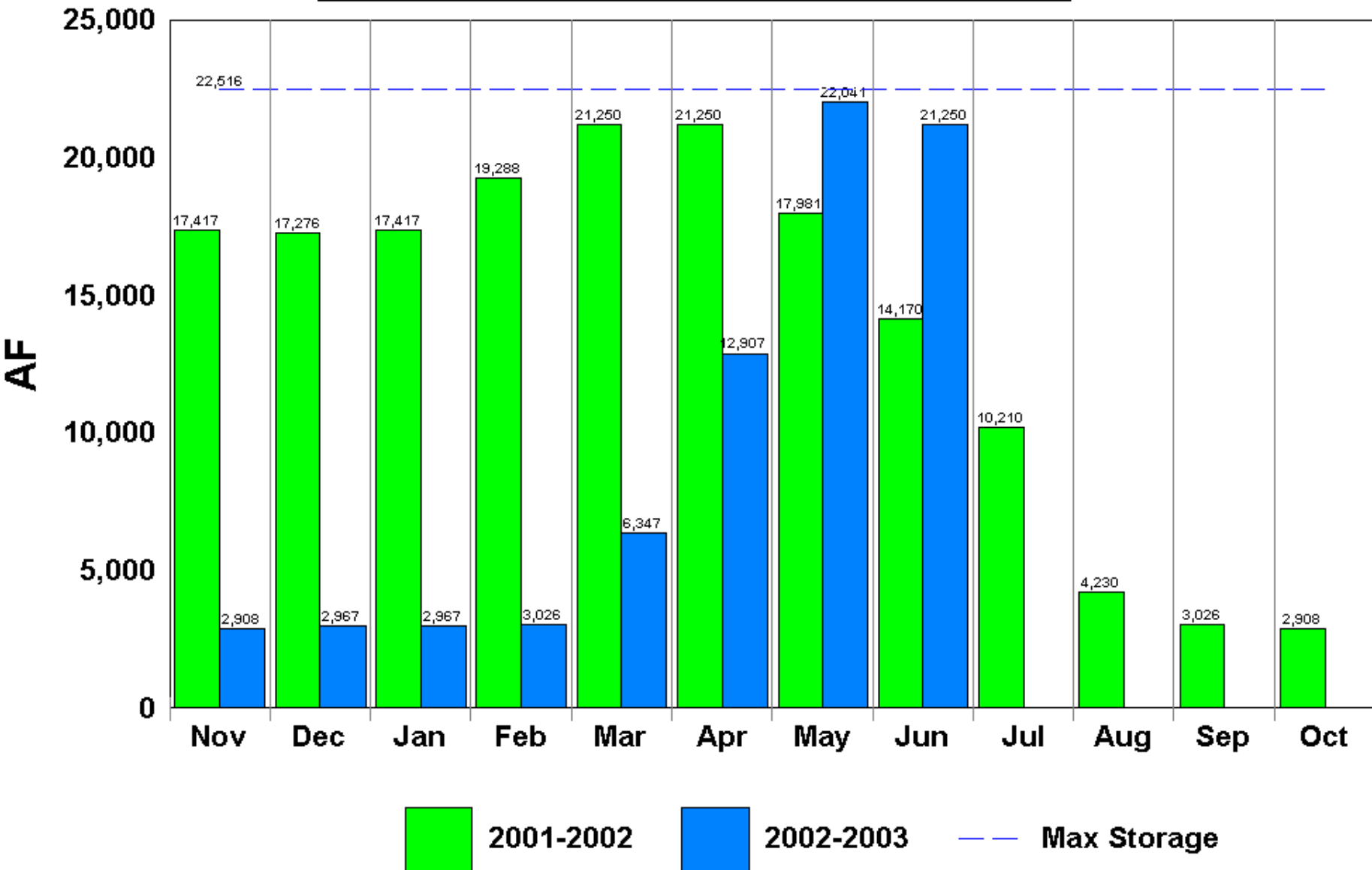
Loveland Greeley Reservoir

(Agricultural)



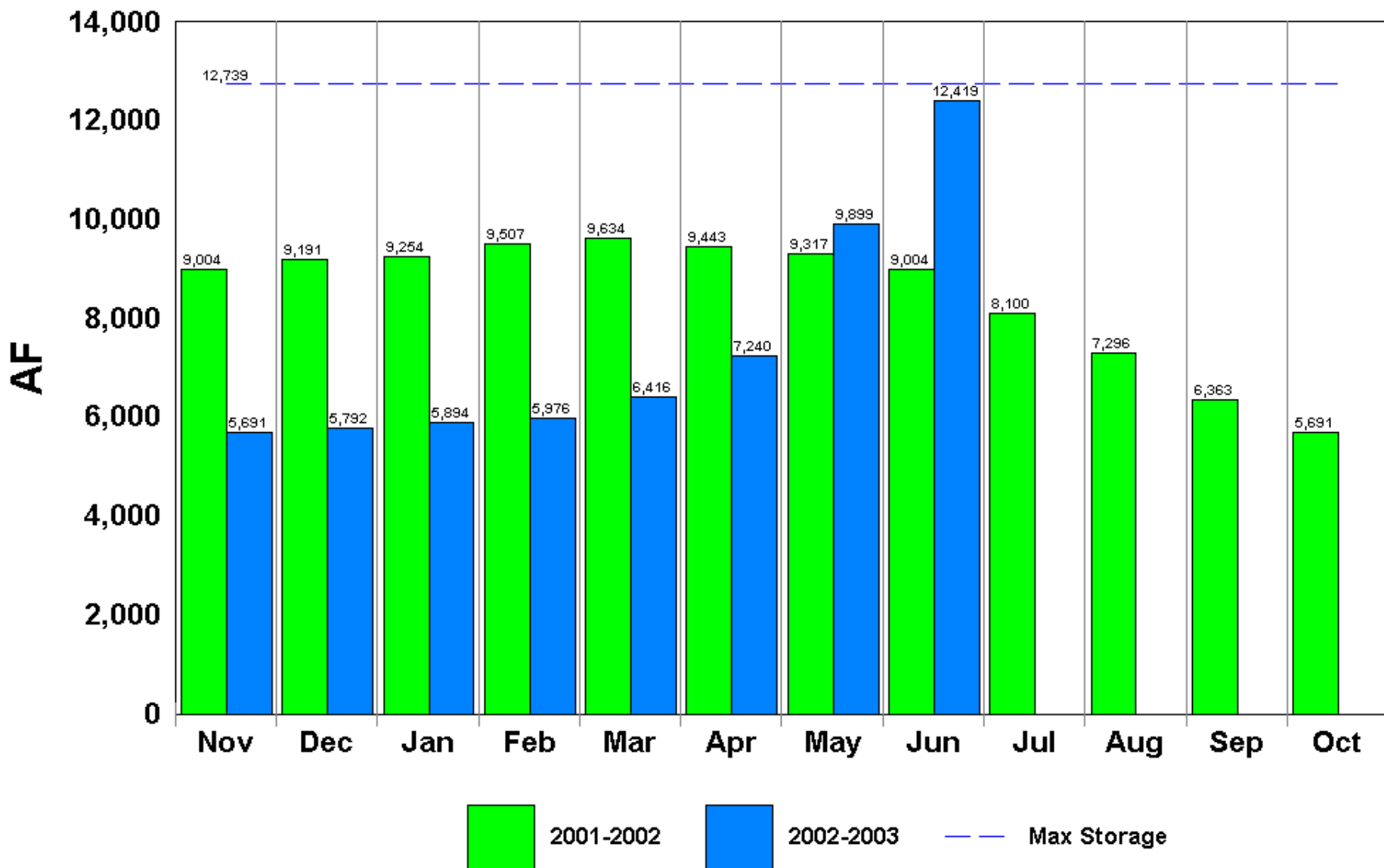
Milton Reservoir

(Agricultural)



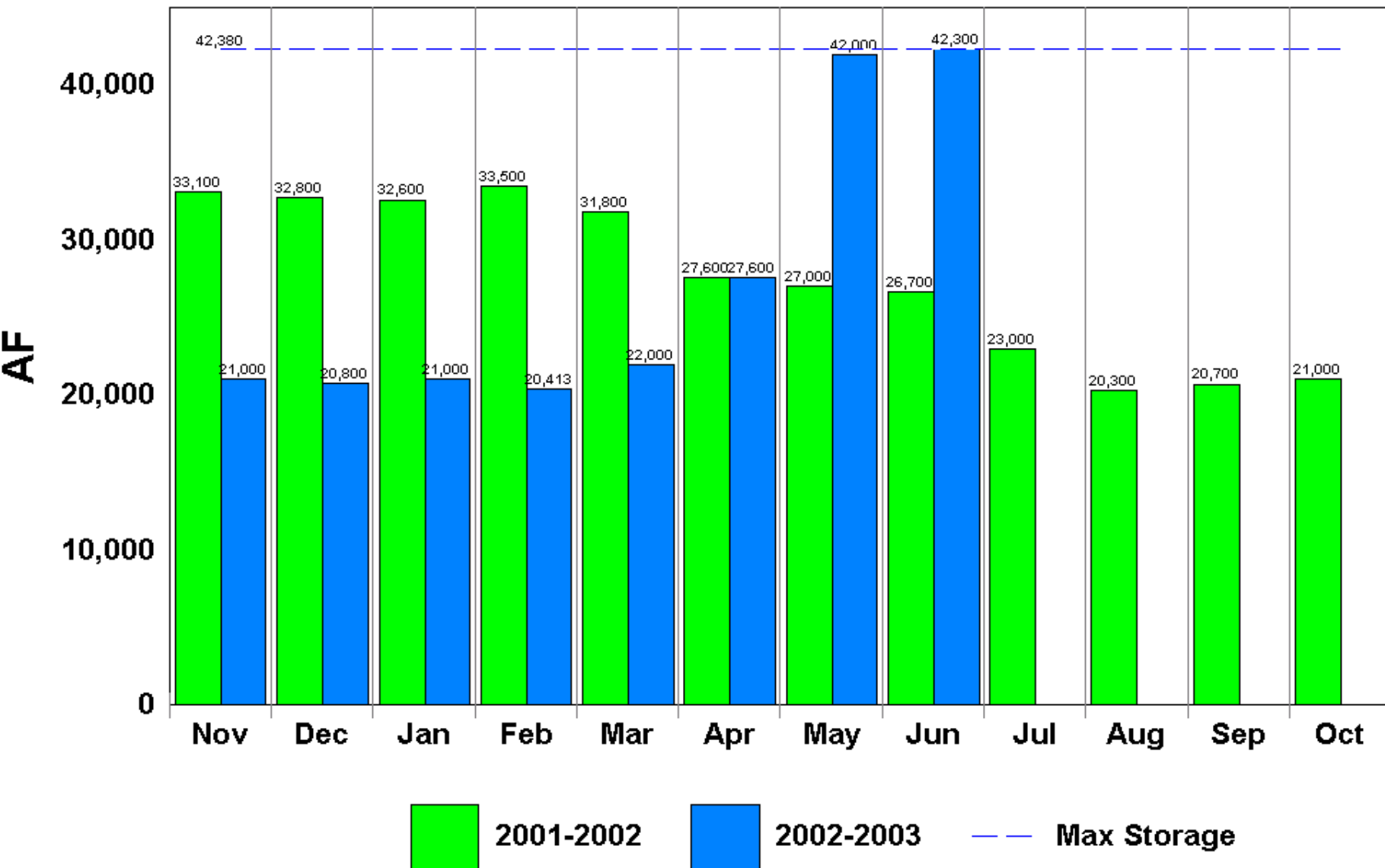
Union Reservoir

(Agricultural)



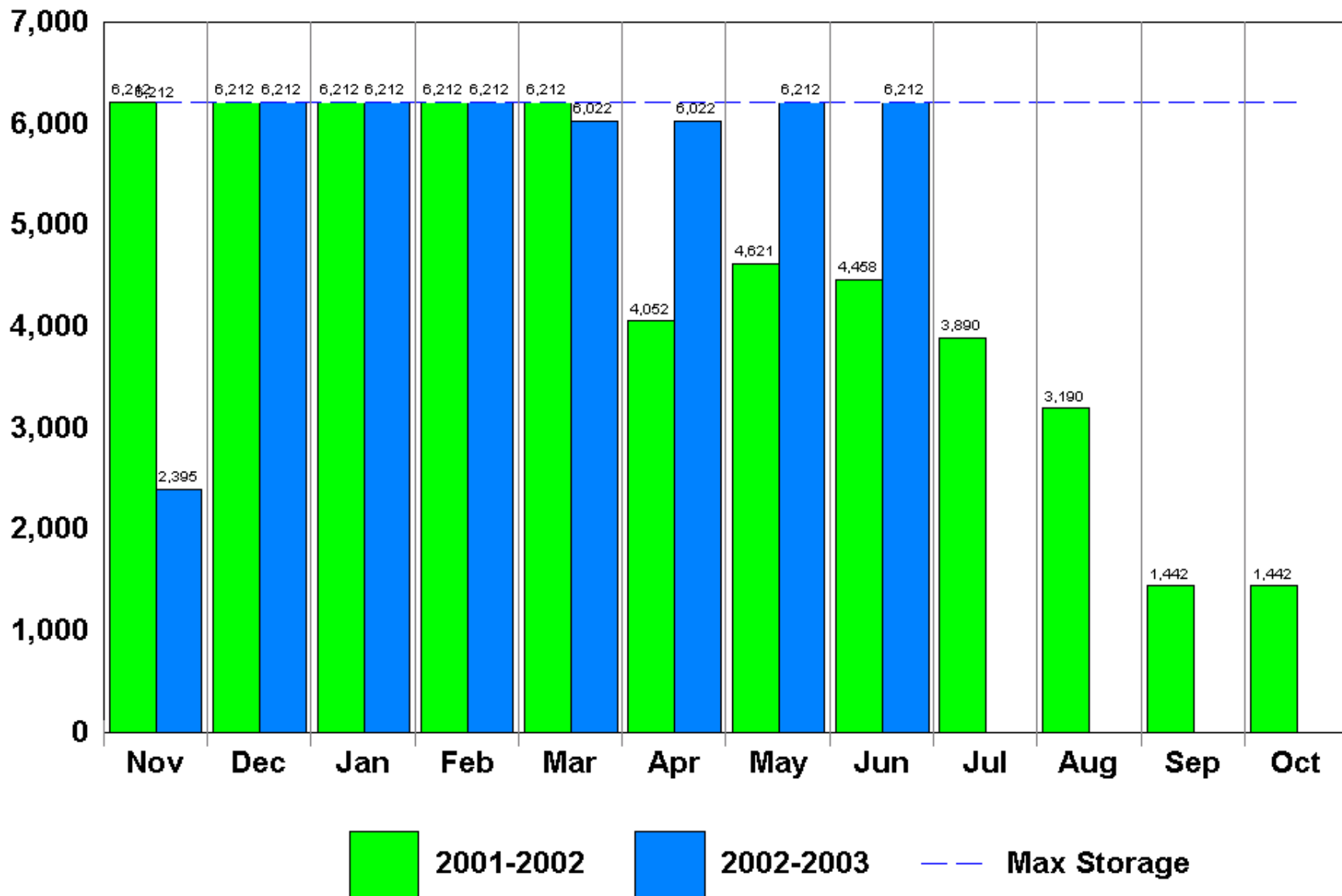
Standley Lake

(Agricultural)



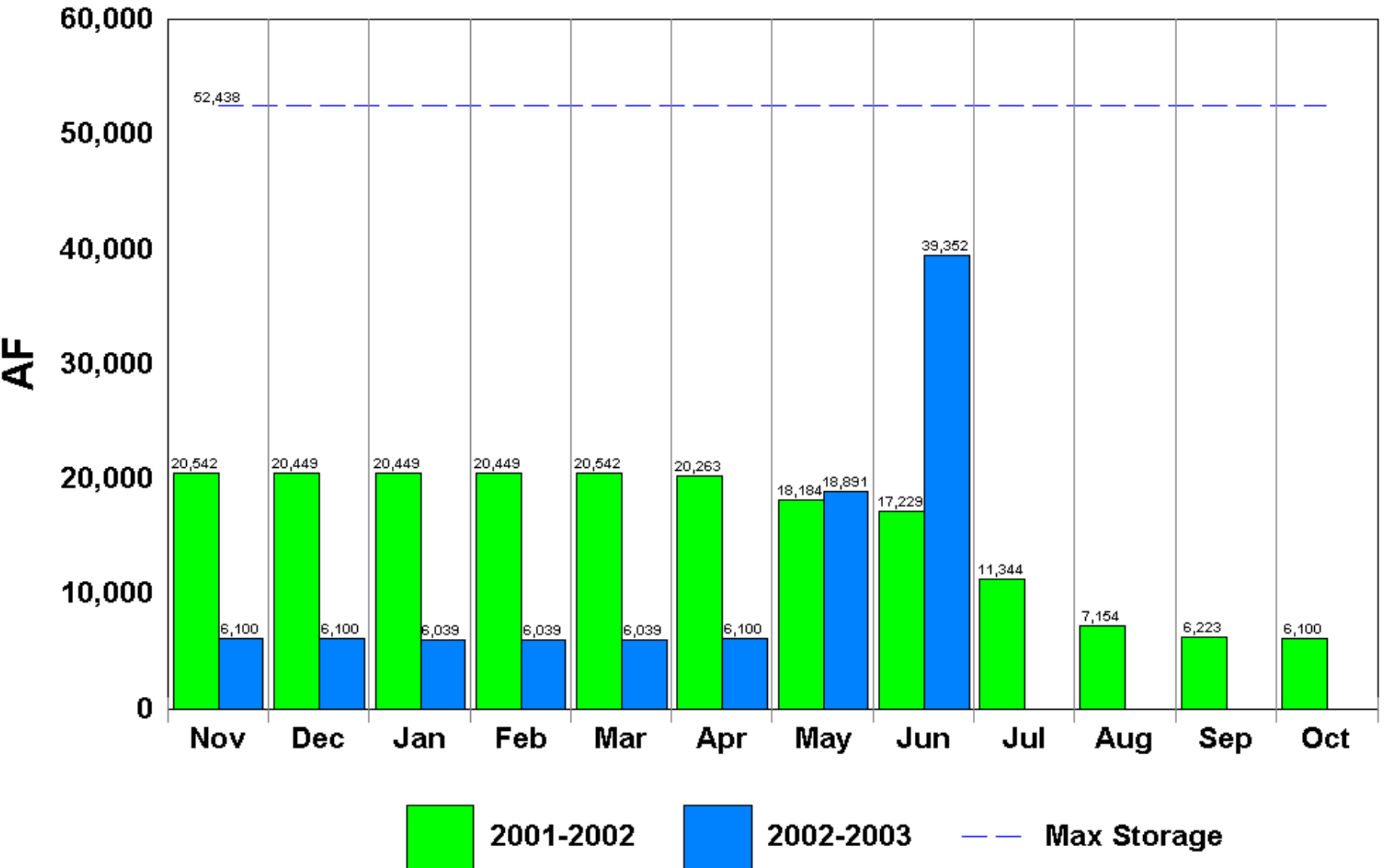
Lower Latham Reservoir

(Agricultural)



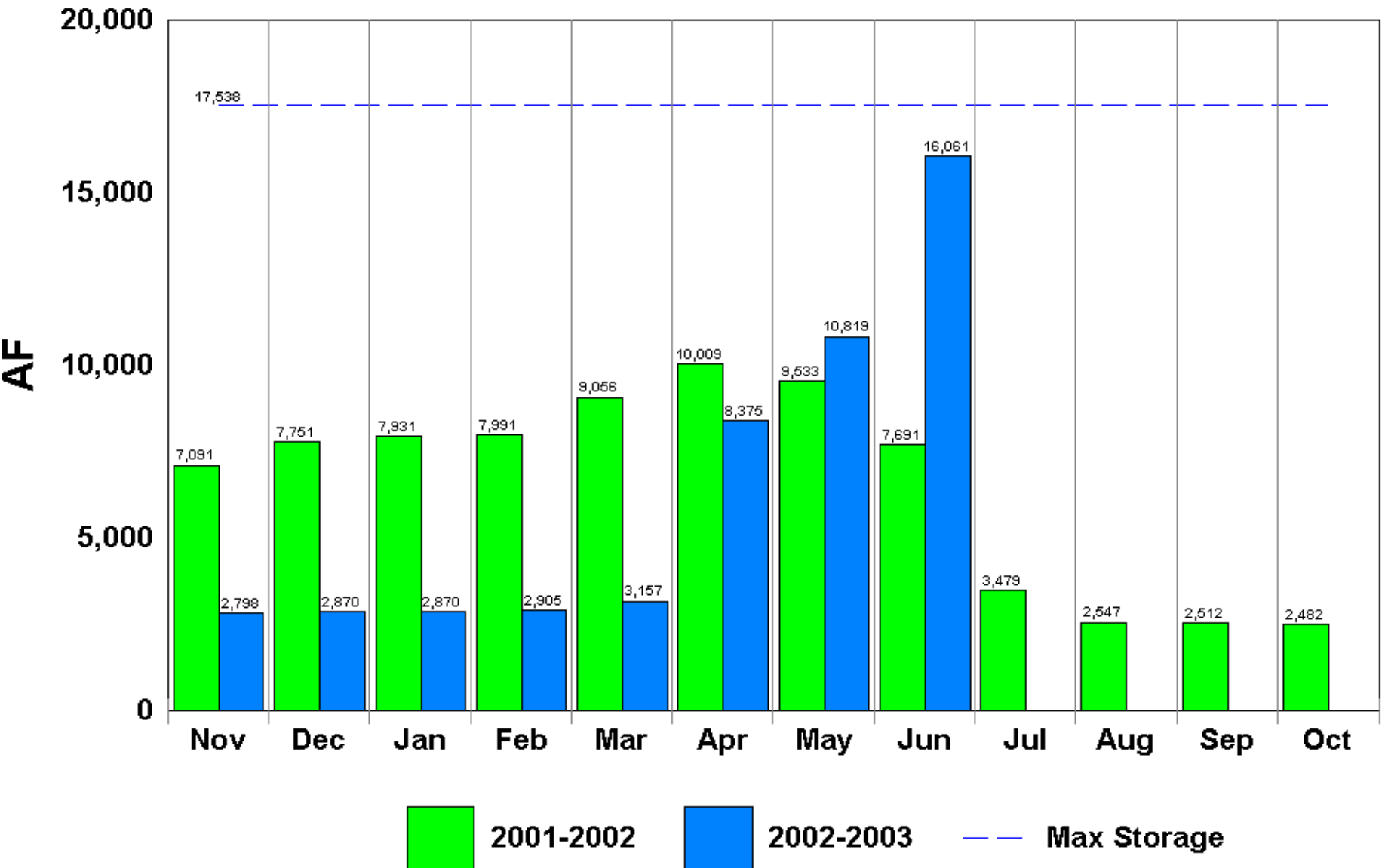
Boyd Lake

(Agricultural)



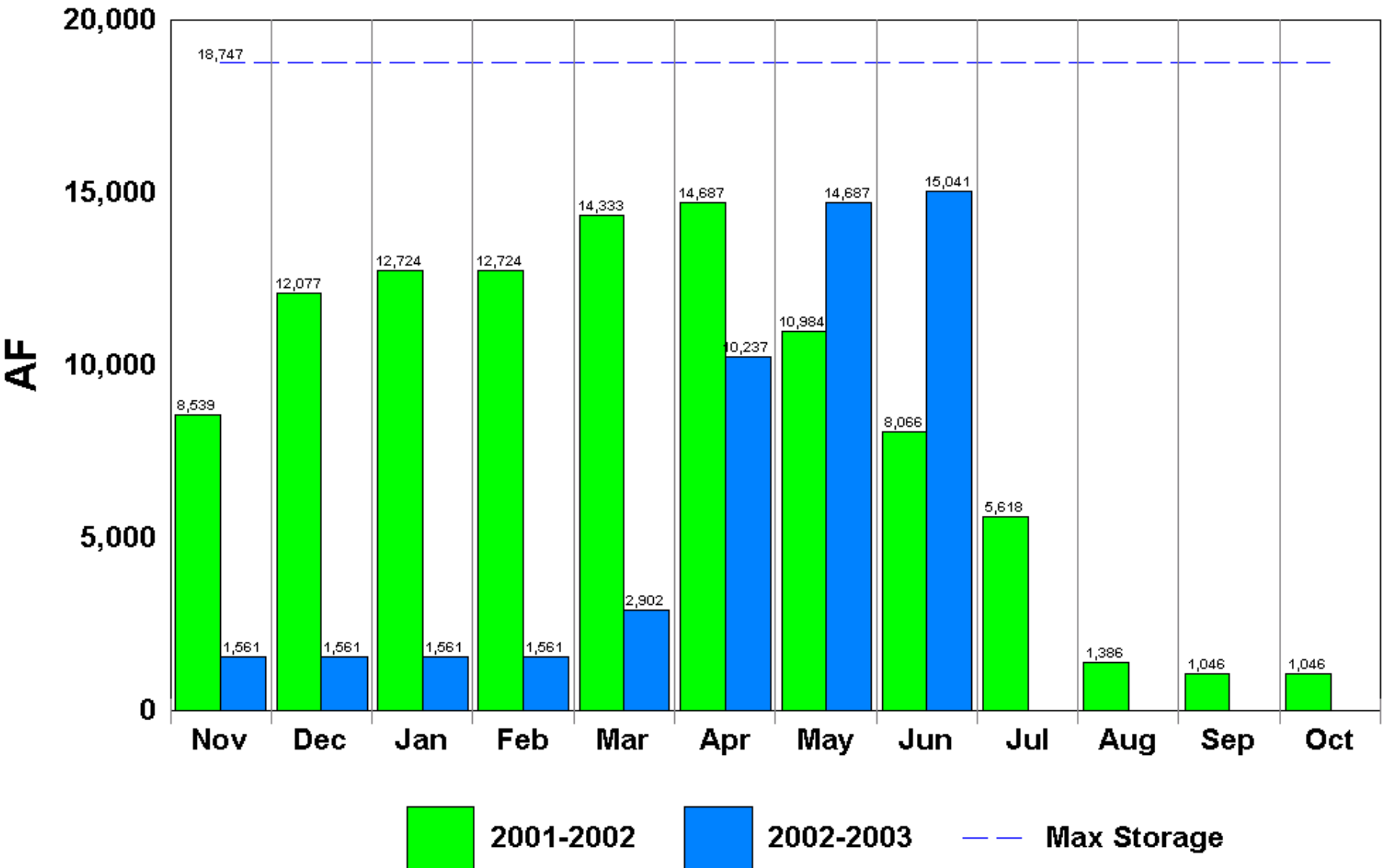
Windsor Reservoir

(Agricultural)



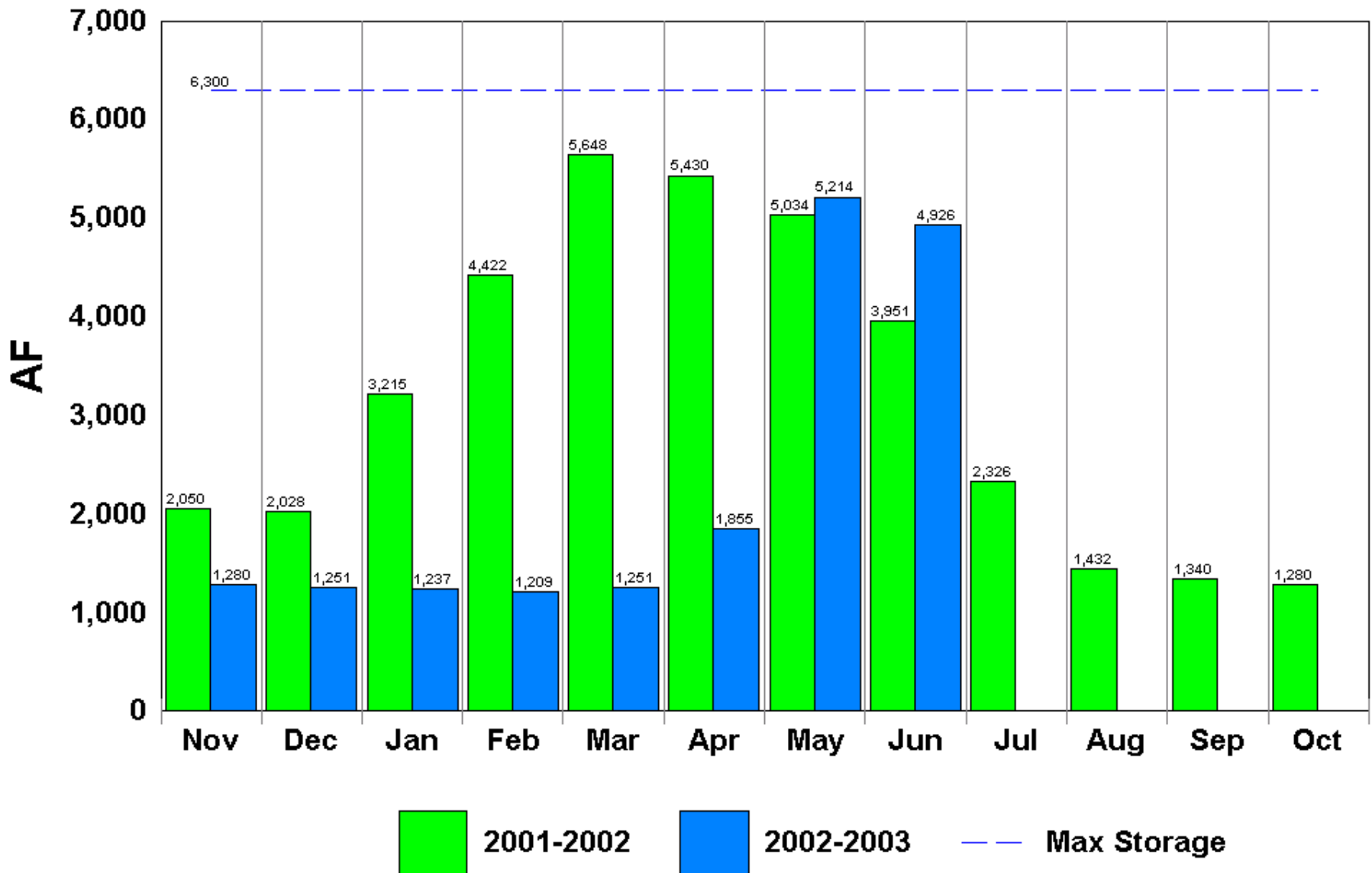
Horse Creek Reservoir

(Agricultural)



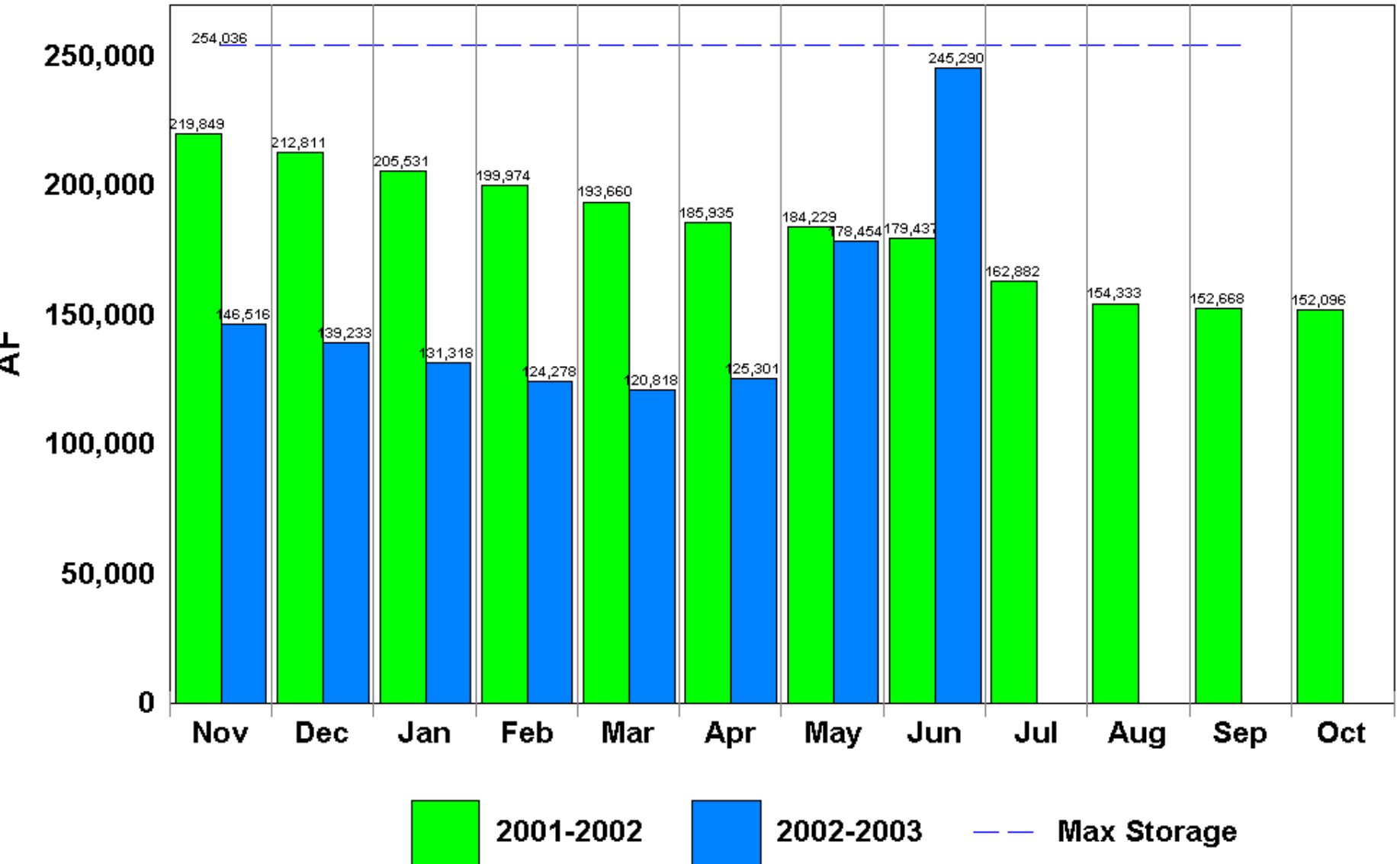
Prospect Reservoir

(Agricultural)



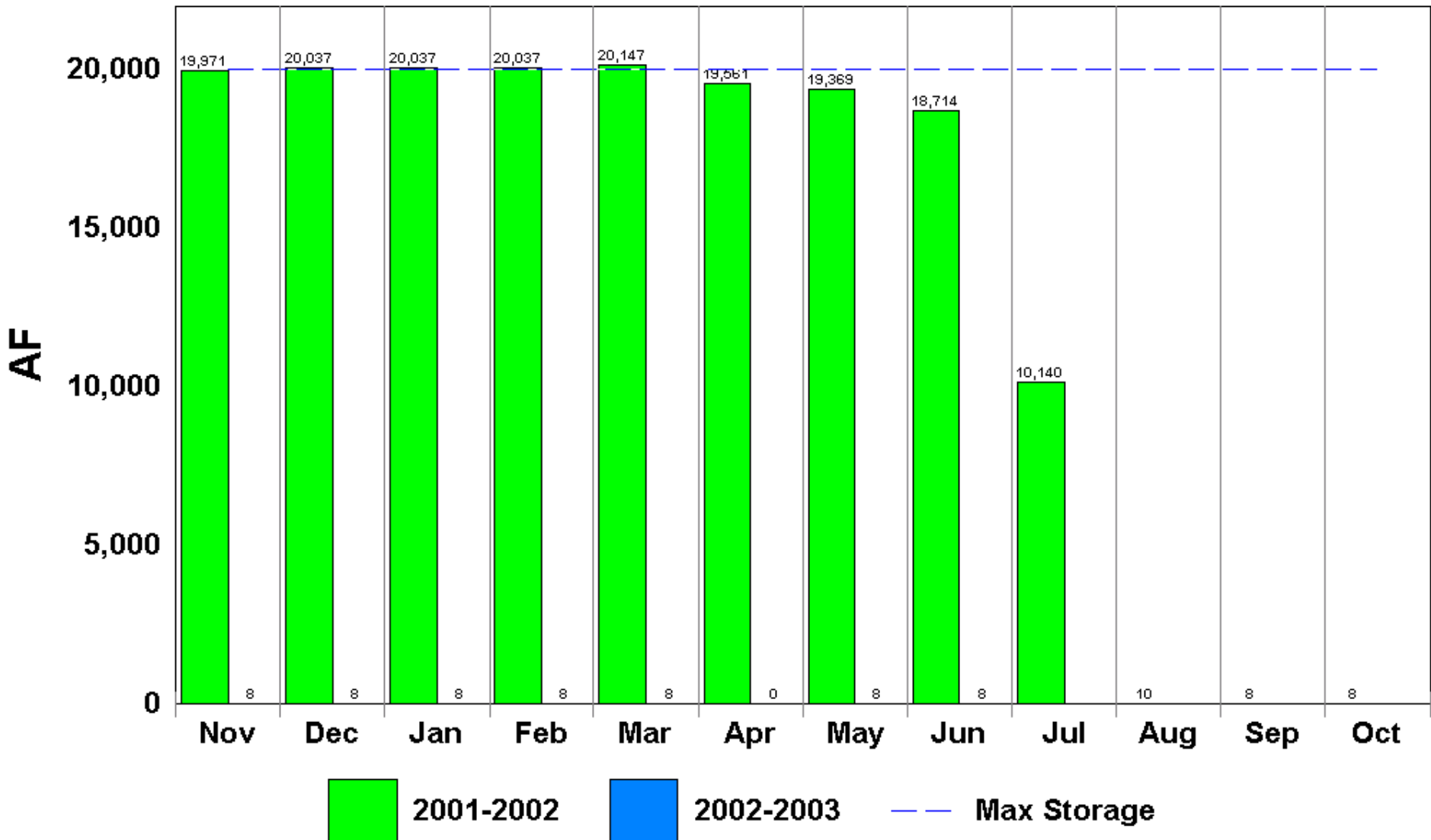
Dillon Reservoir

(Municipal)



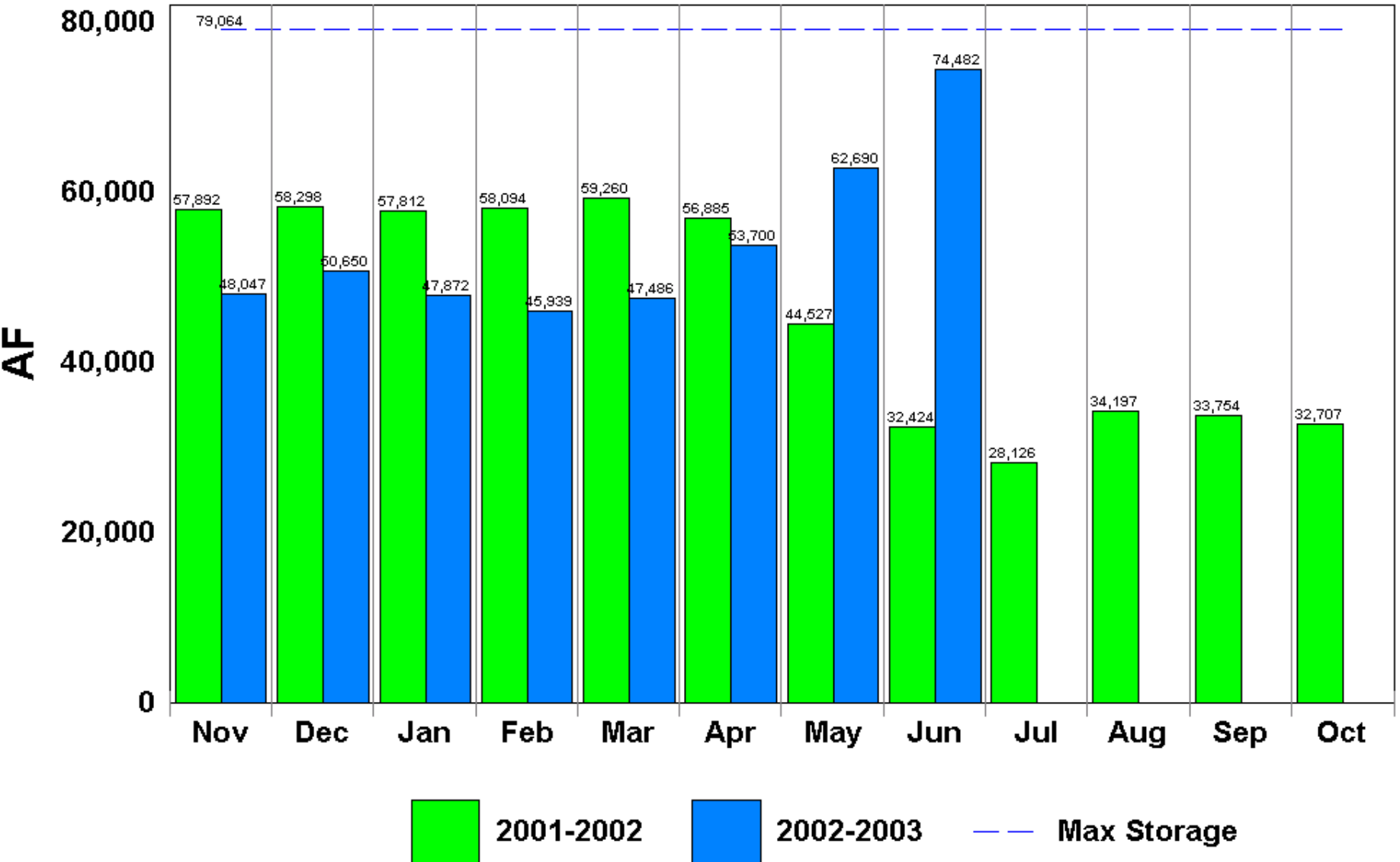
Antero Reservoir

(Municipal)



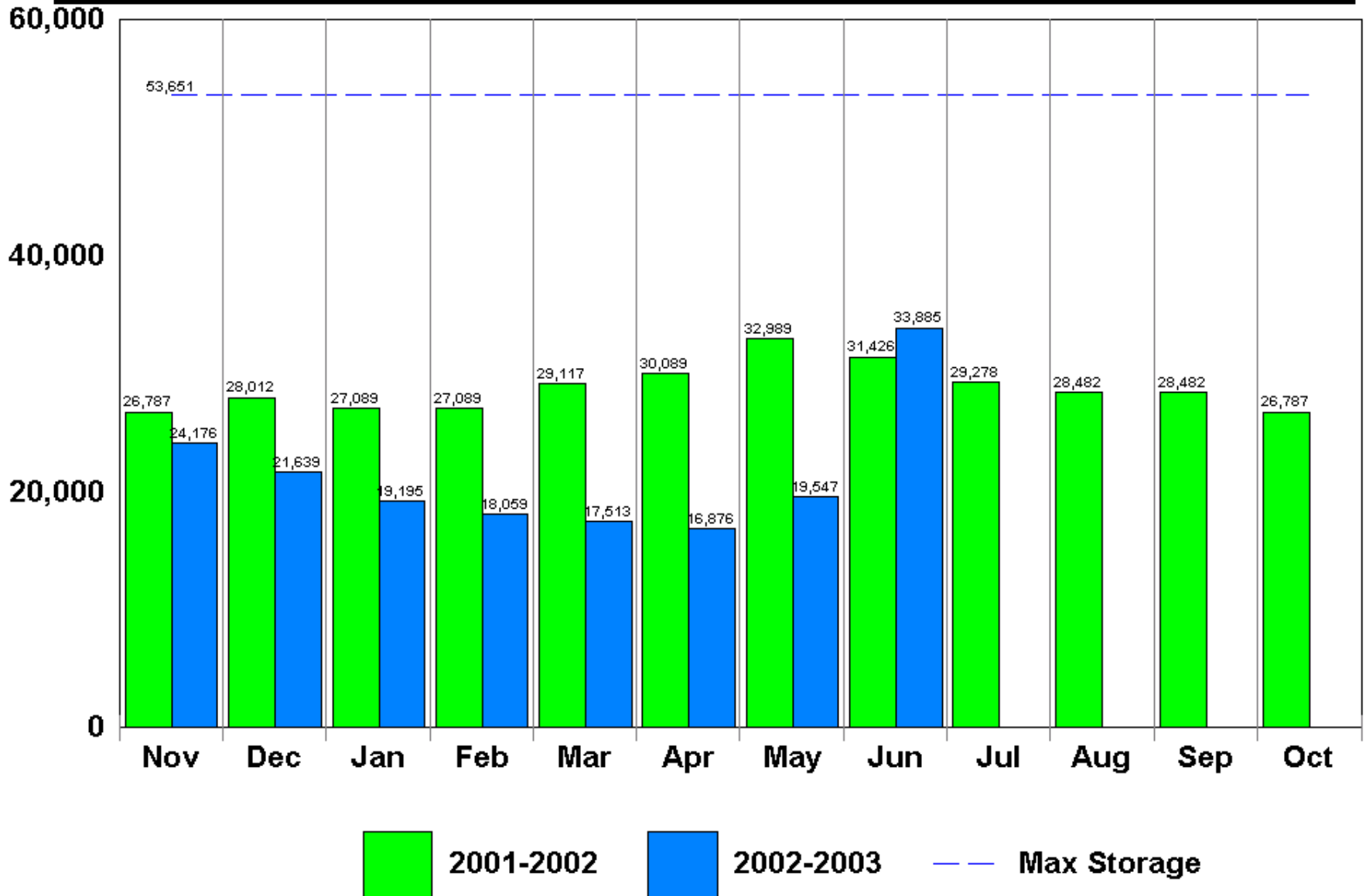
Cheesman Reservoir

(Municipal)



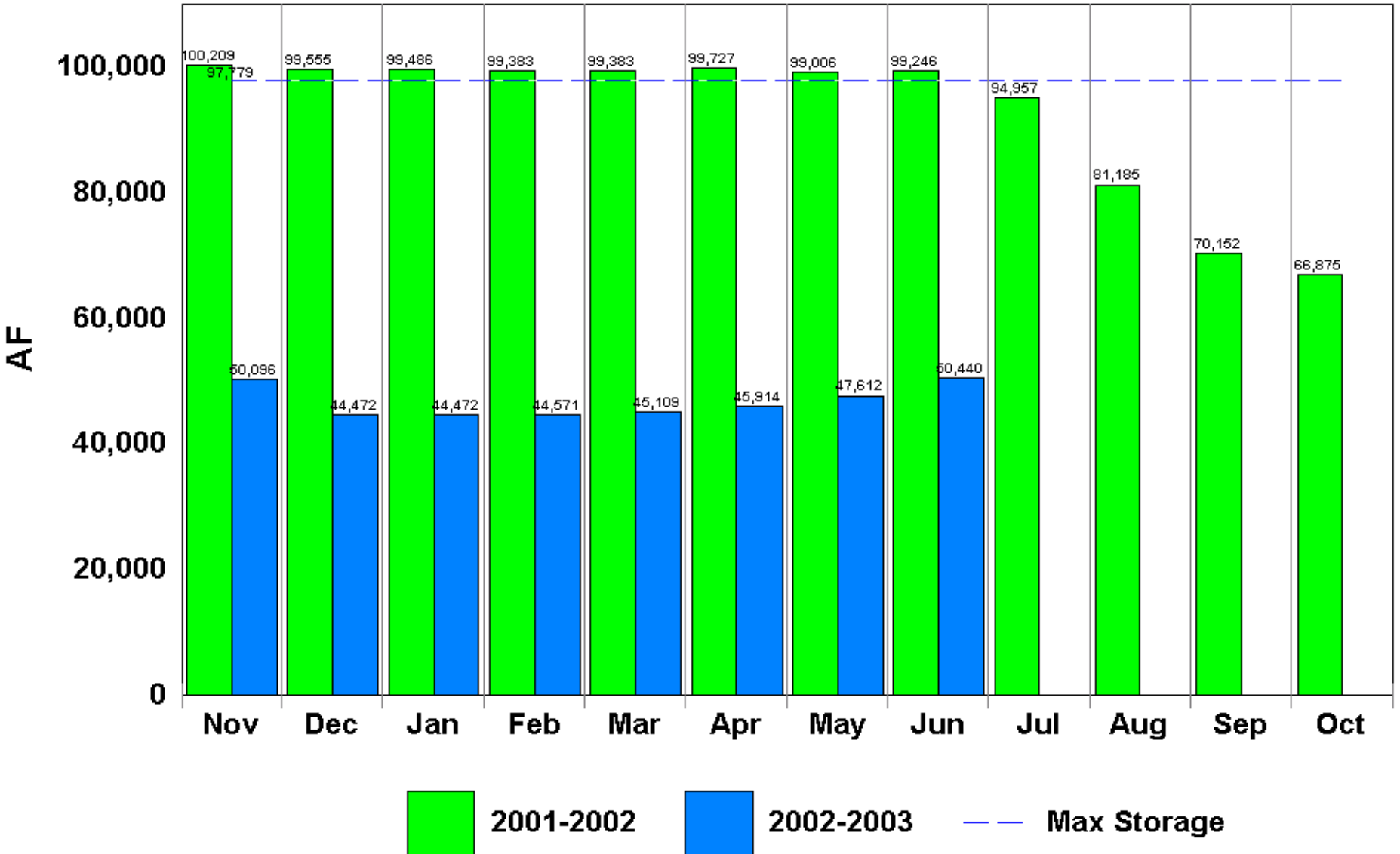
Spinney Mountain Reservoir

(Municipal)



Eleven Mile Reservoir

(Municipal)





Antero Reservoir June 22, 2003



Tarryall Reservoir June 22, 2003

All data is preliminary and collected by Colorado
Division of Water Resources, Division 1 personnel

