

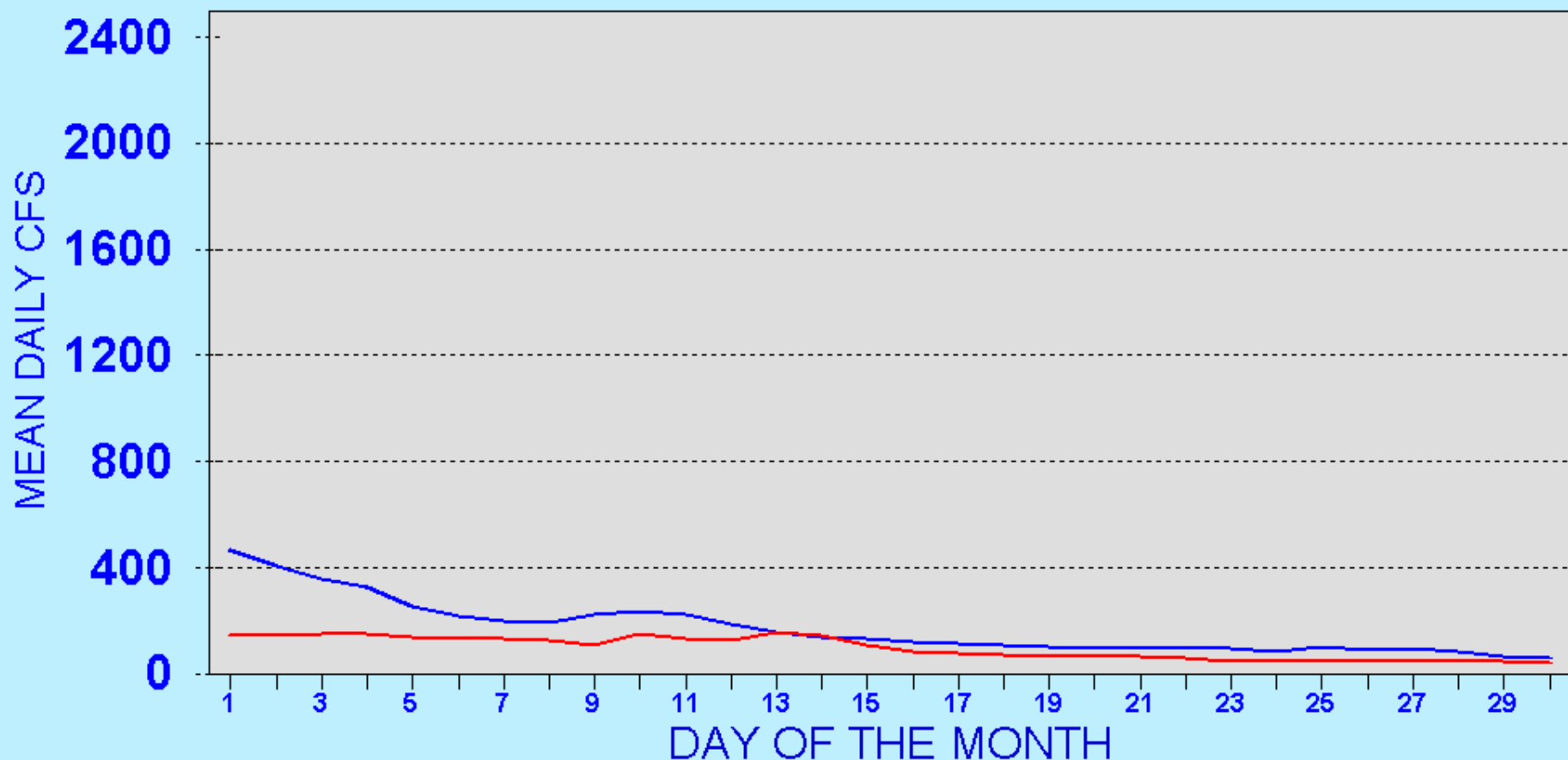
Bear Creek at Morrison

South Platte Summary

April 2003

By John Lochhead for SEO

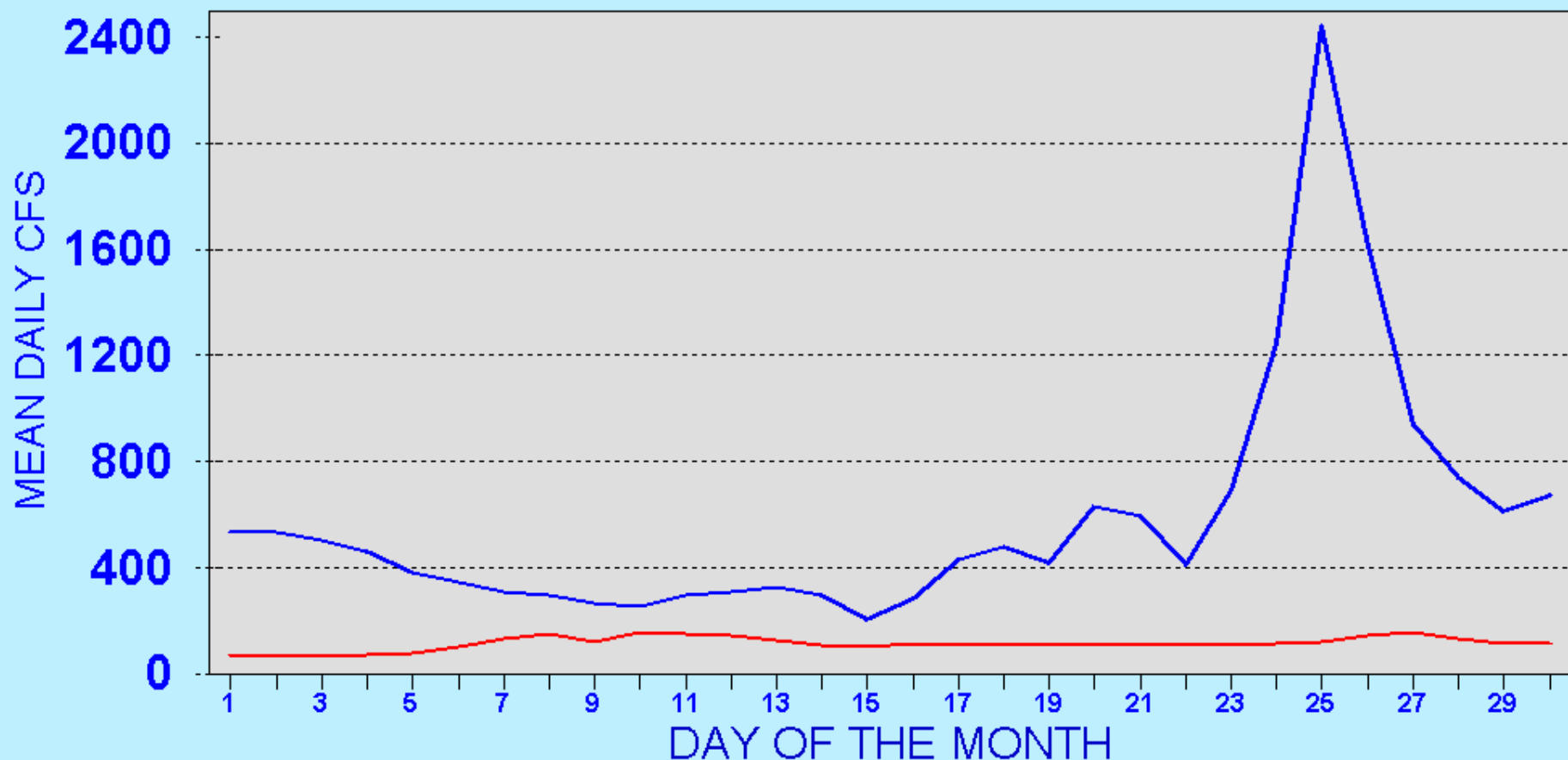
SOUTH PLATTE RIVER APRIL 2002



— KERSEY

— JULESBURG

SOUTH PLATTE RIVER APRIL 2003

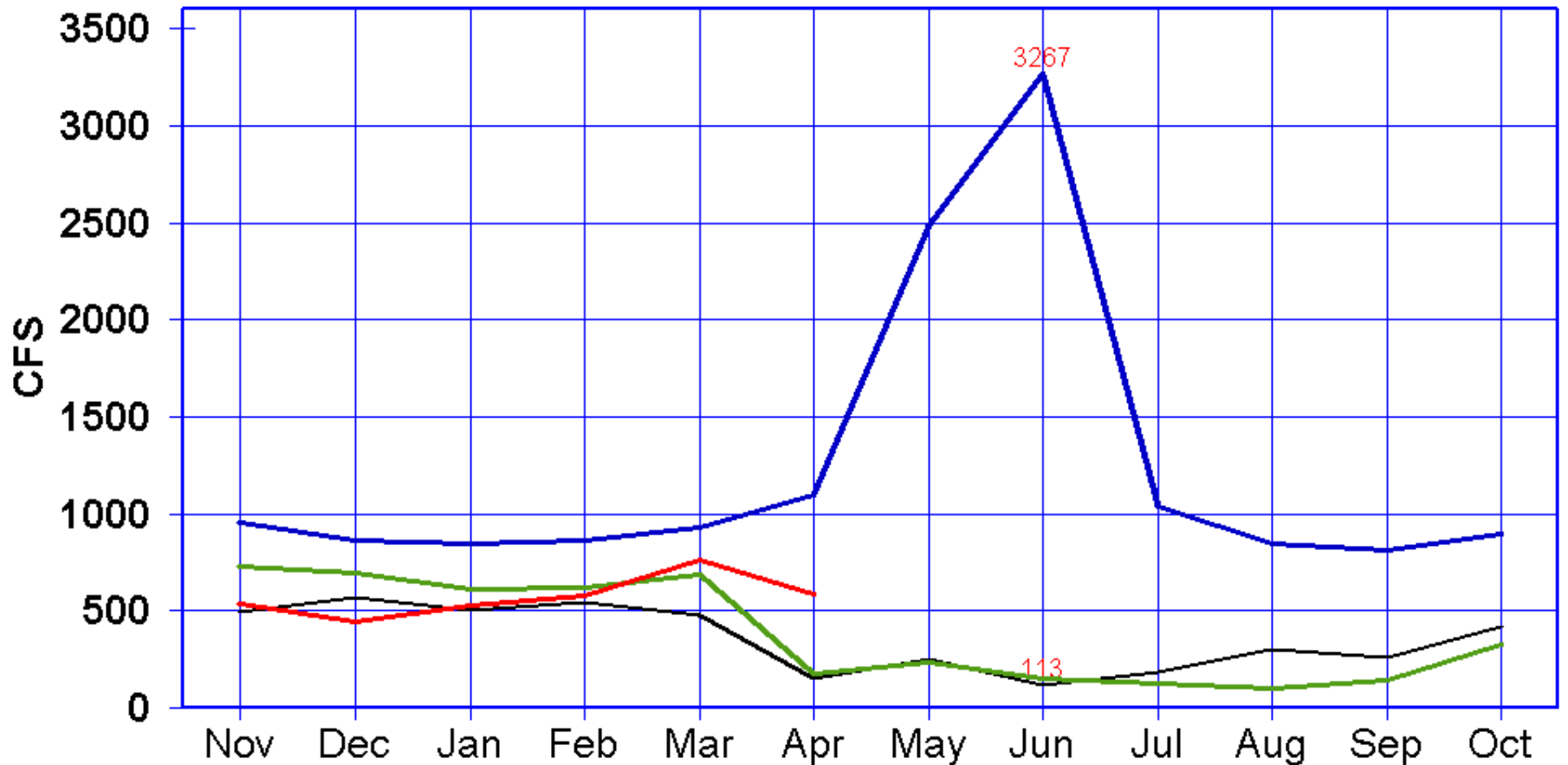


— KERSEY

— JULESBURG

South Platte River at Kersey

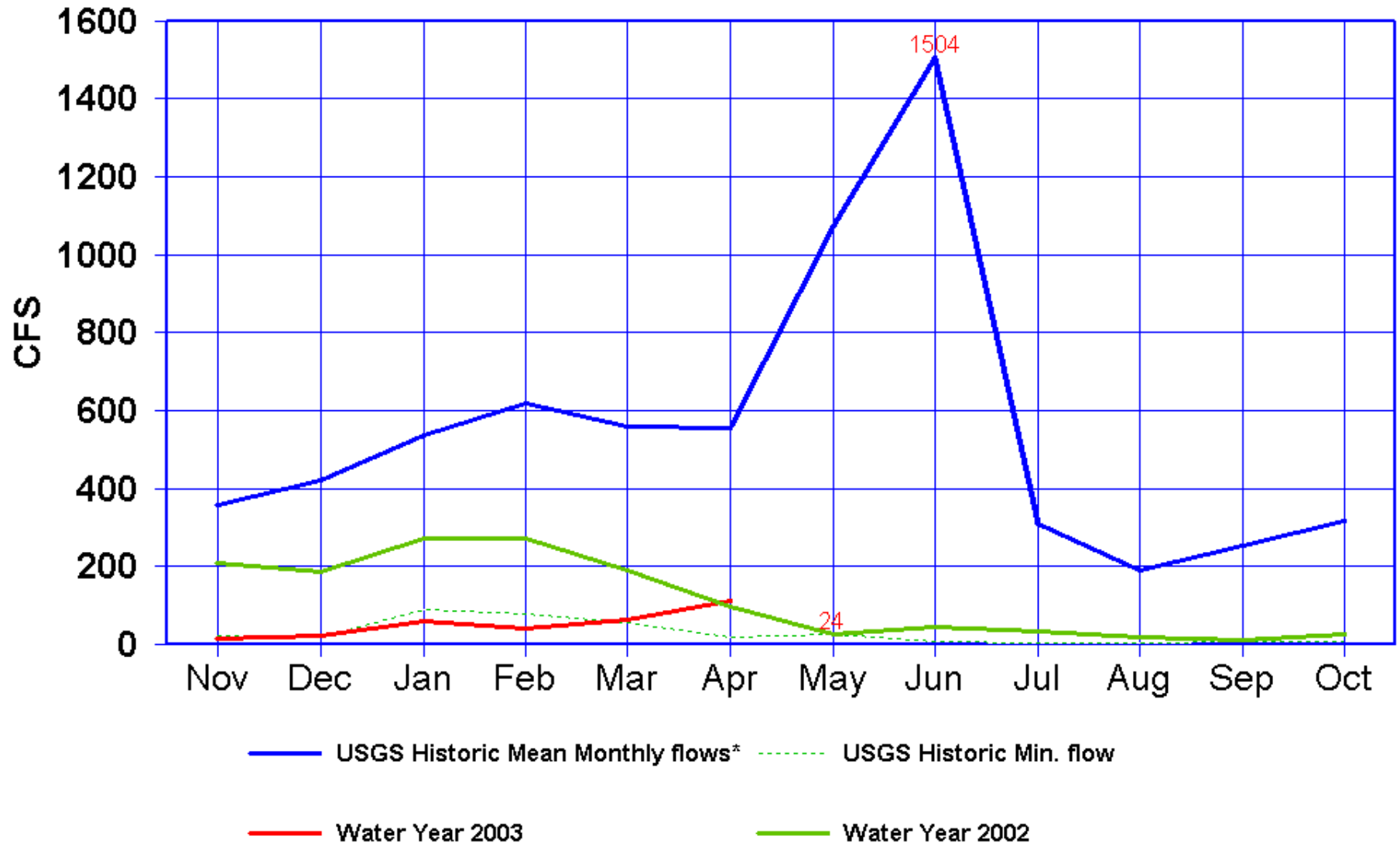
Irrigation Water Year*



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

South Platte River at Julesburg

Irrigation Water Year*



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

South Platte River at Kersey								South Platte River at Julesburg							
	USGS Histori Mean *	Historic Max flow	Year	Historic Min flow	Year	IY 2003 mean monthly flow	Estimate Mean		USGS Histori Mean *	Historic Max flow	Year	Historic M flow *	Year	IY 2003 mean monthly flow	Estimate 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			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



East Reservoir

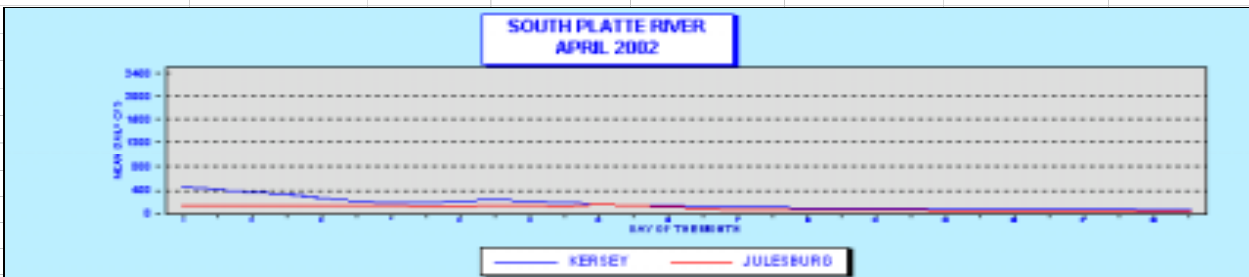
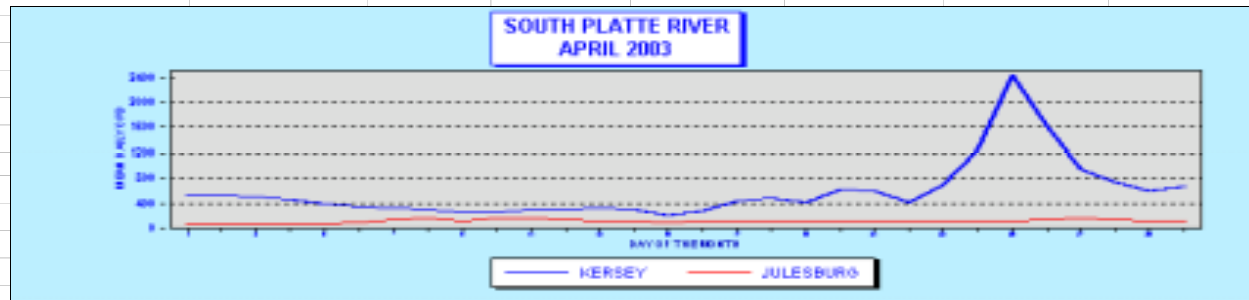
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF APRIL 2003

02-May

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	22,666	22,520	64	(146)	-1%	99%	87%	0
NORTH STERLING	73,730	41,450	53,680	64	12,230	30%	73%	95%	0
PREWITT	28,500	12,570	16,240	64	3,670	29%	57%	92%	0
JACKSON	27,257	25,815	25,277	1	(538)	-2%	93%	97%	0
EMPIRE	37,700	25,855	22,930	1	(2,925)	-11%	61%	82%	0
RIVERSIDE	63,113	57,166	54,398	1	(2,768)	-5%	86%	89%	0
BARR LAKE	31,652	20,440	30,600	2	10,160	50%	97%	84%	0
CHEESMAN	79,064	47,486	53,700	80	6,214	13%	68%	72%	0
ELEVEN MILE	97,779	45,109	45,914	23	805	2%	47%	100%	0
SPINNEY	53,651	17,513	16,876	23	(637)	-4%	31%	56%	0
ANTERO	20,015	8	0	23	(8)	-100%	0%	98%	0

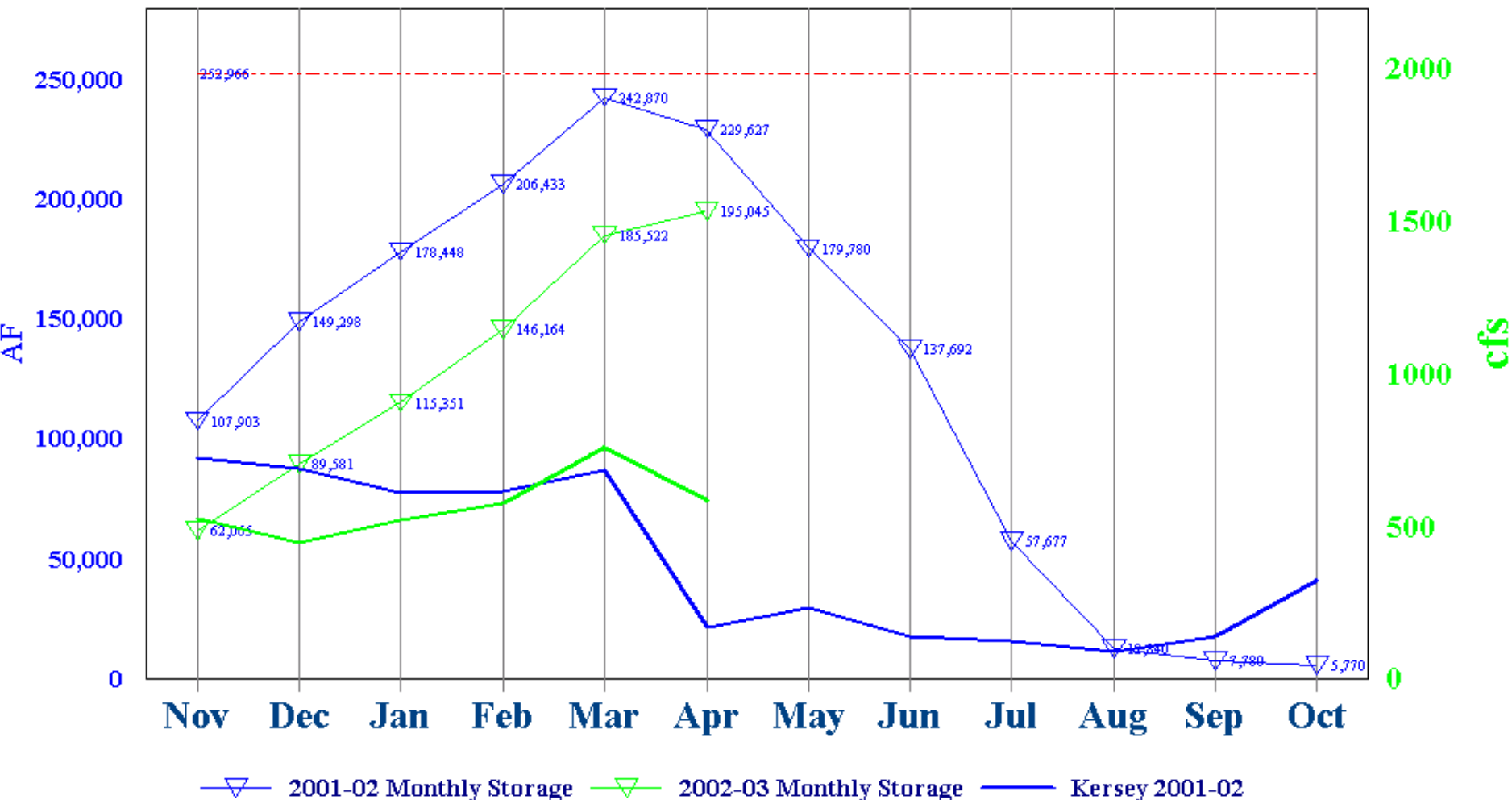
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	584
JULESBURG	113
THIS MONTH LAST YEAR	
KERSEY	171
JULESBURG	97
MEAN FOR PERIOD OF RECORD*	
KERSEY	1,096
JULESBURG	555



* 1976-2001
1902-2001

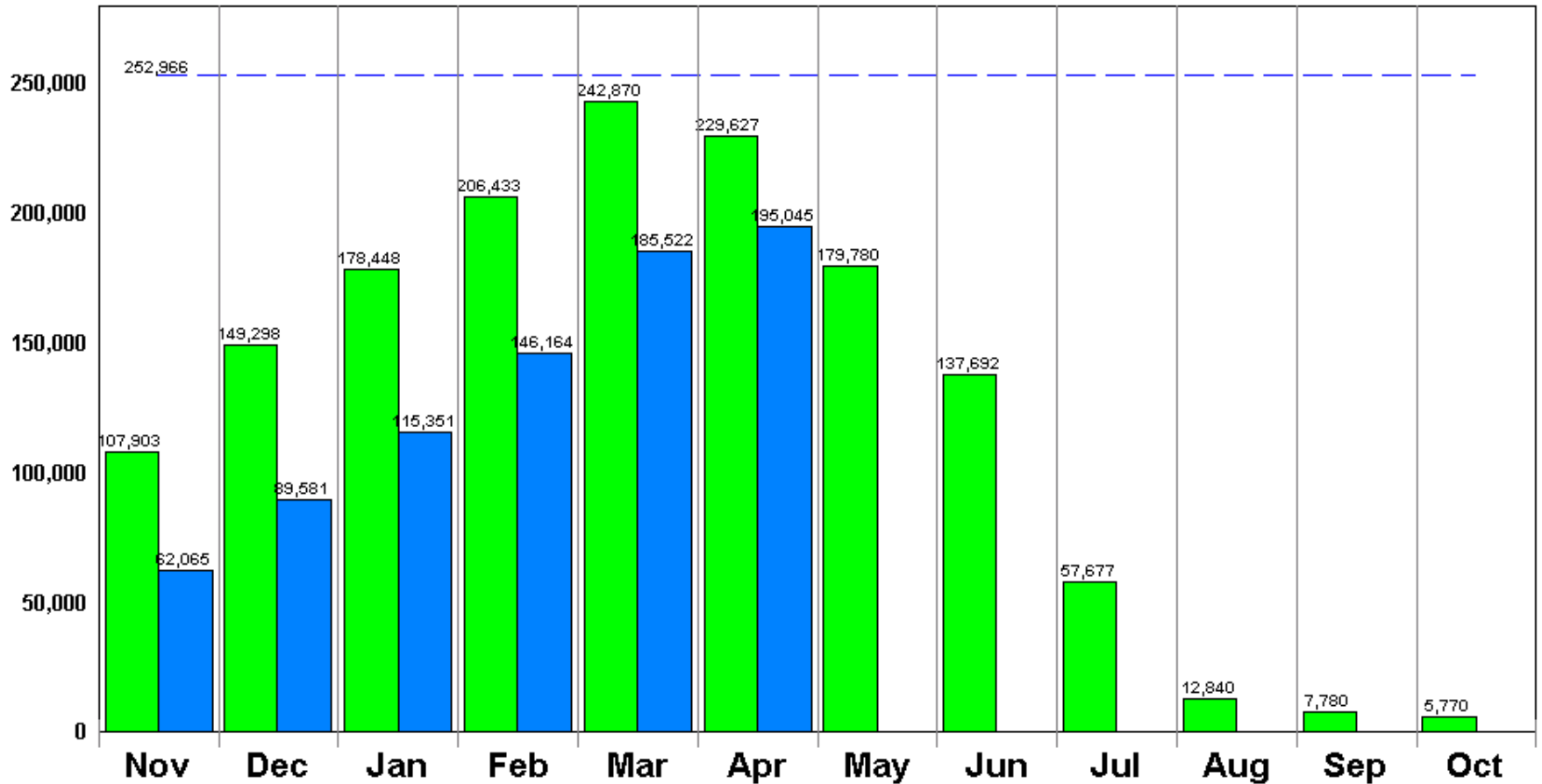
Reservoir Storage below Kersey

Selected Reservoirs*



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

South Platte Reservoirs Storage below Kersey*



Total storage 2001-02



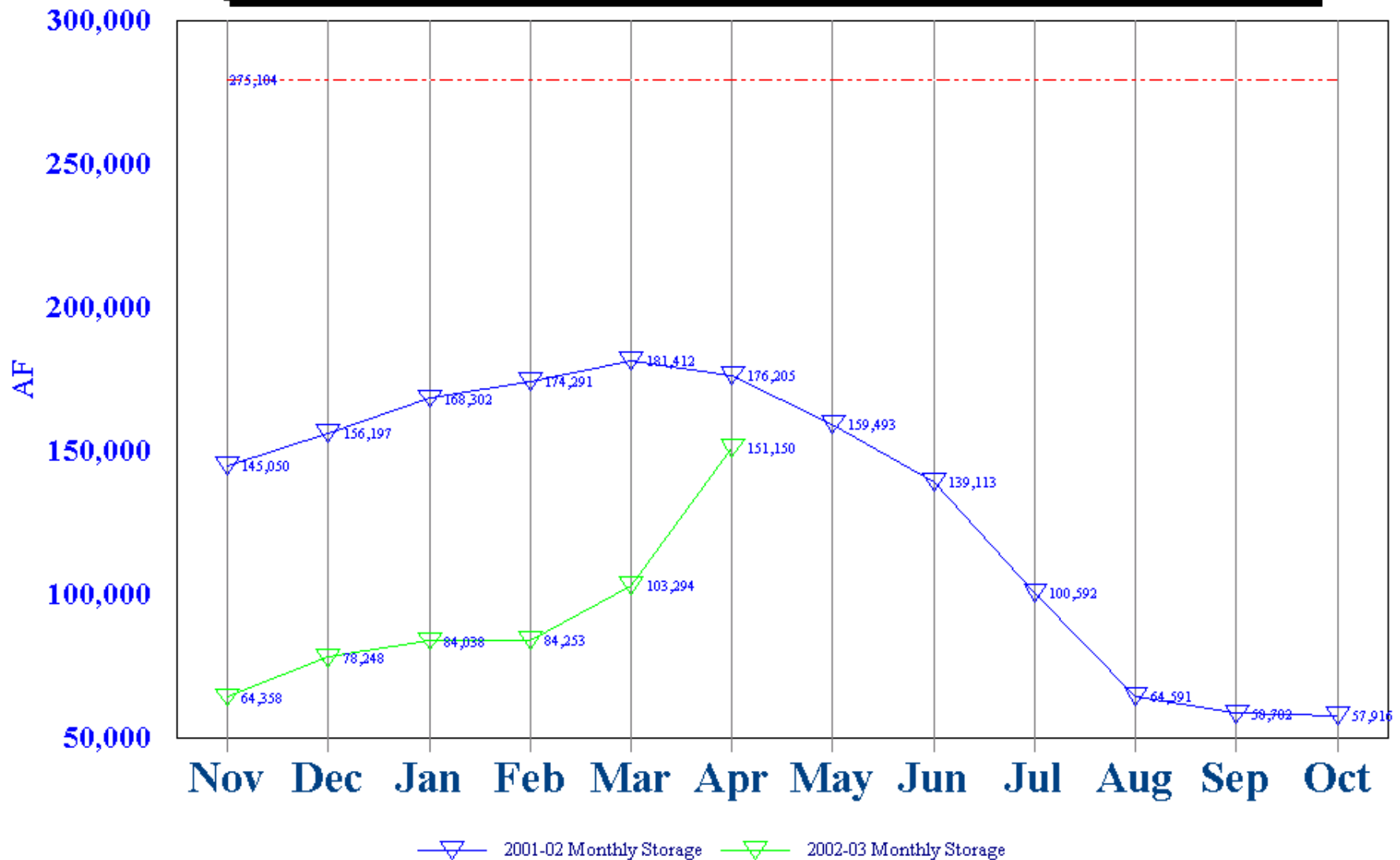
Total Storage 2002-03

— — Maximum Storage

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

Reservoir Storage above Kersey

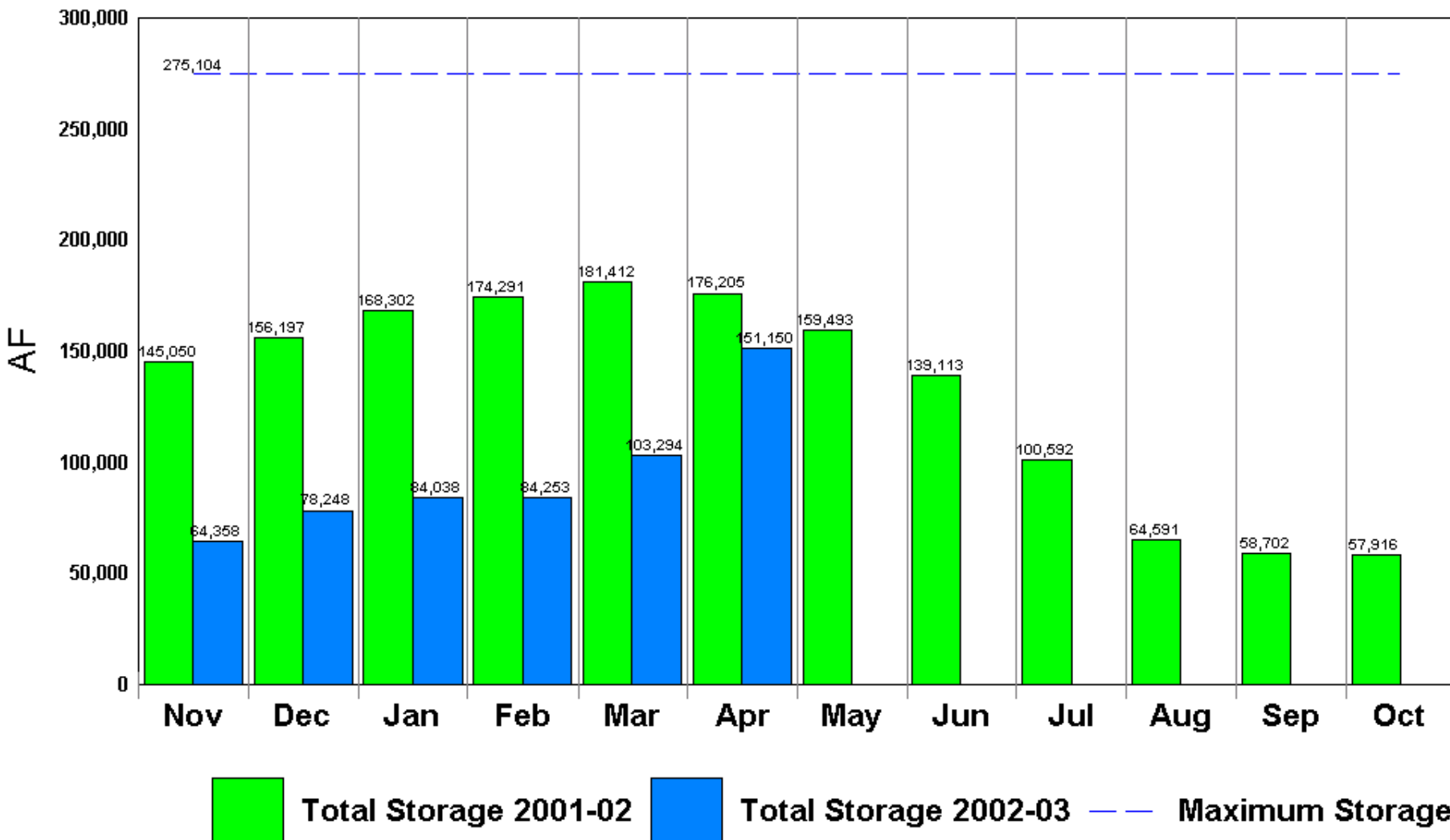
Selected Reservoirs*



—▽— 2001-02 Monthly Storage —▽— 2002-03 Monthly Storage

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

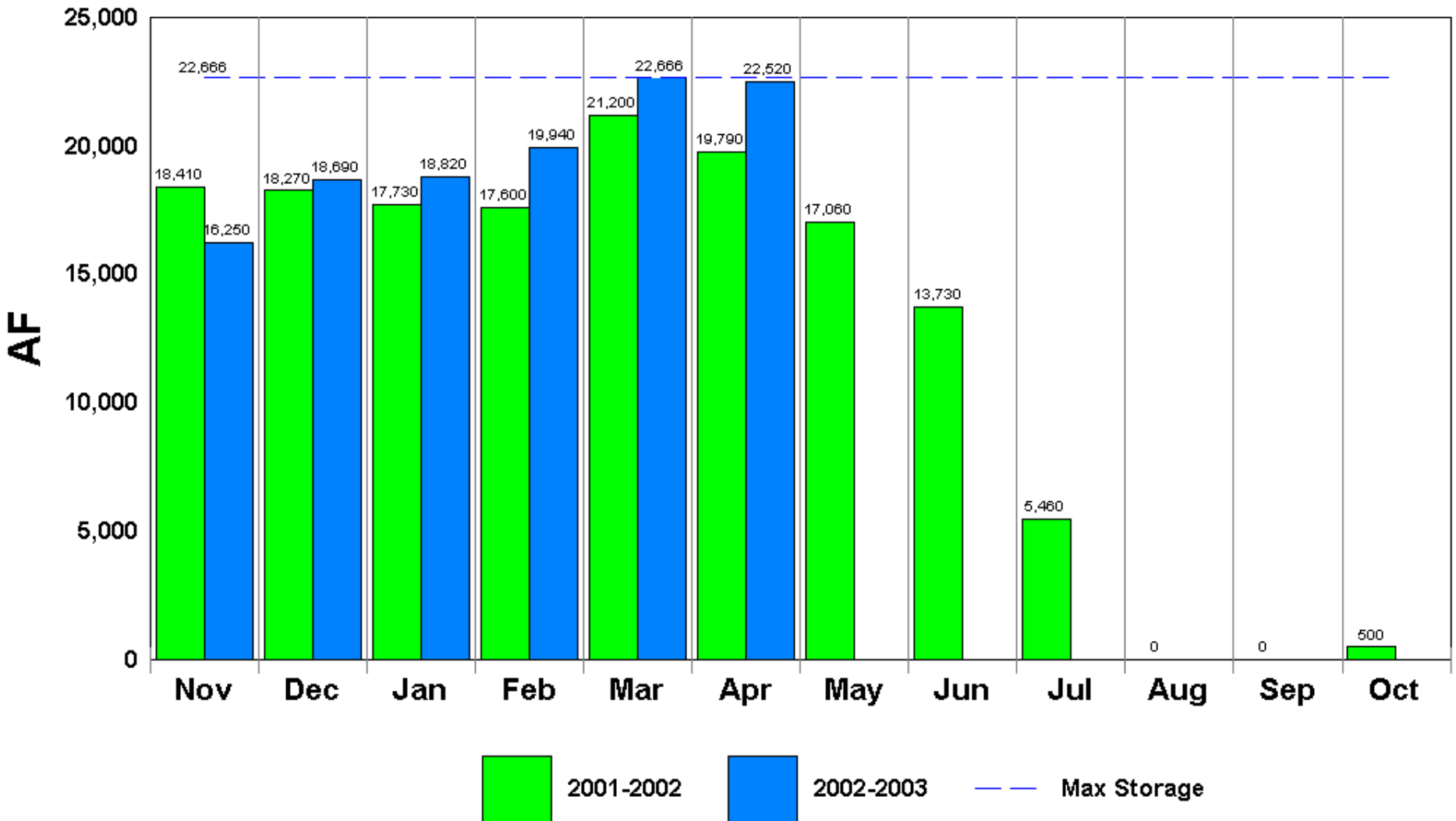
South Platte Reservoirs Storage above Kersey*



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

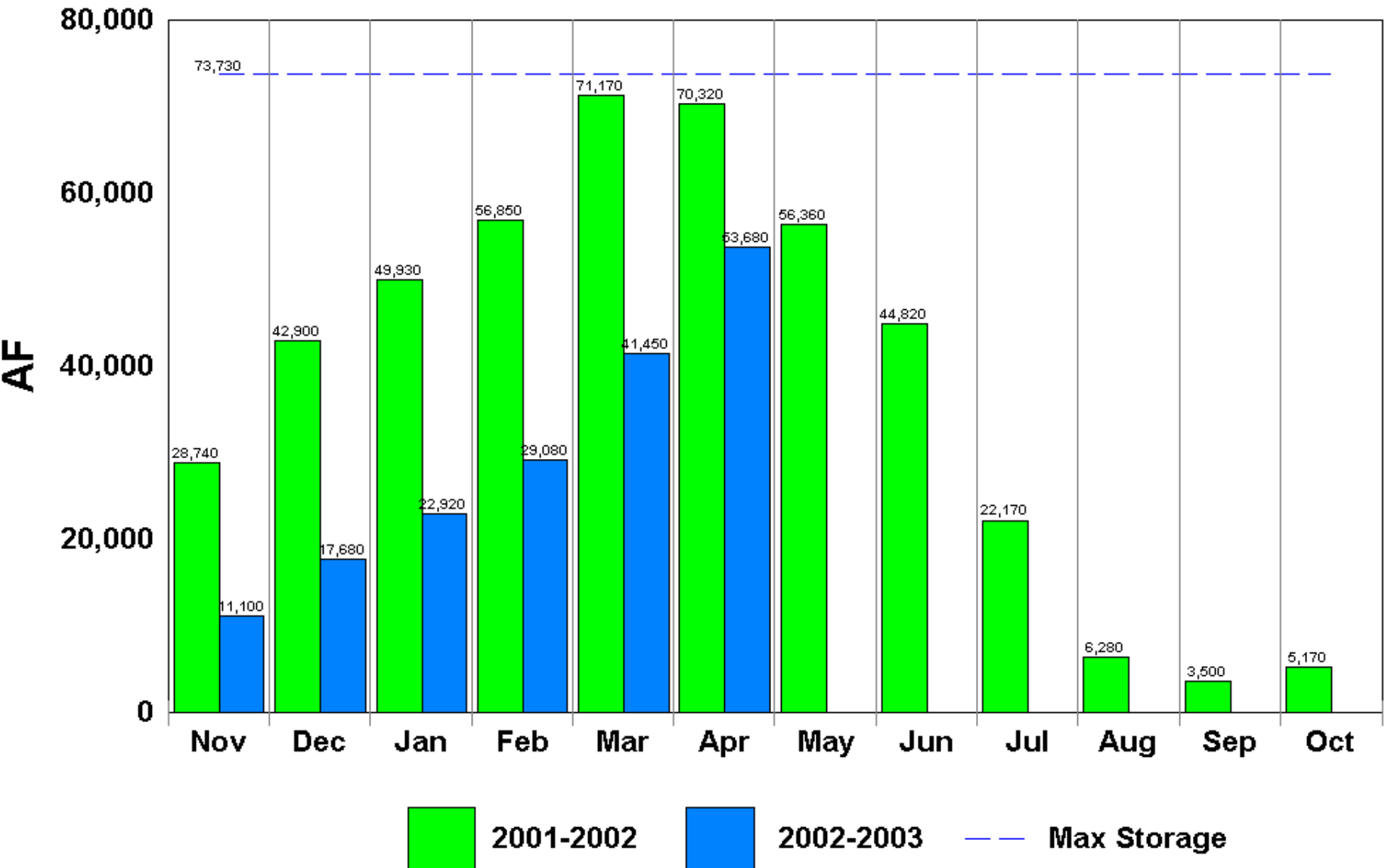
Julesburg Reservoir

(Agricultural)



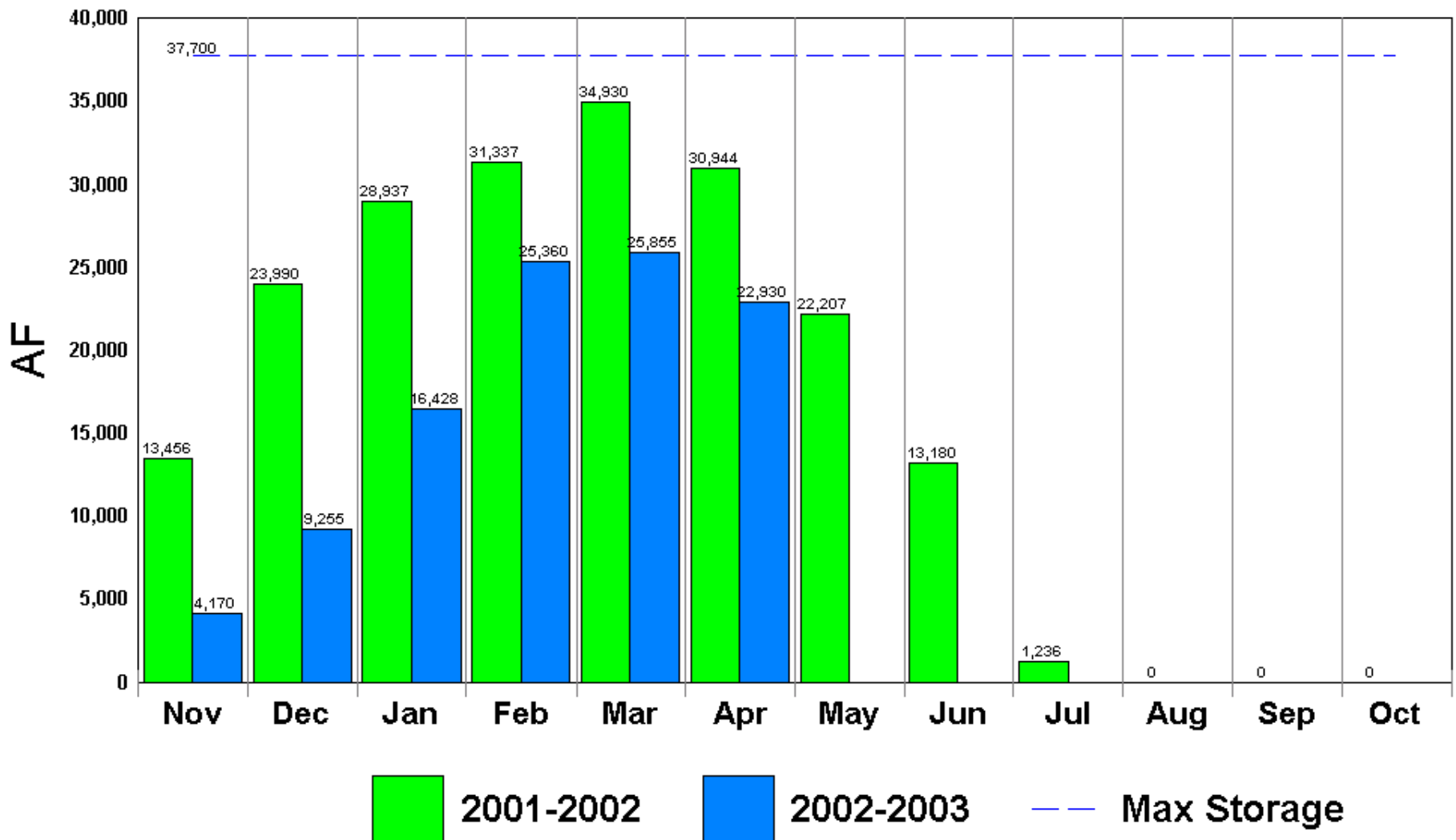
N. Sterling Reservoir

(Agricultural)



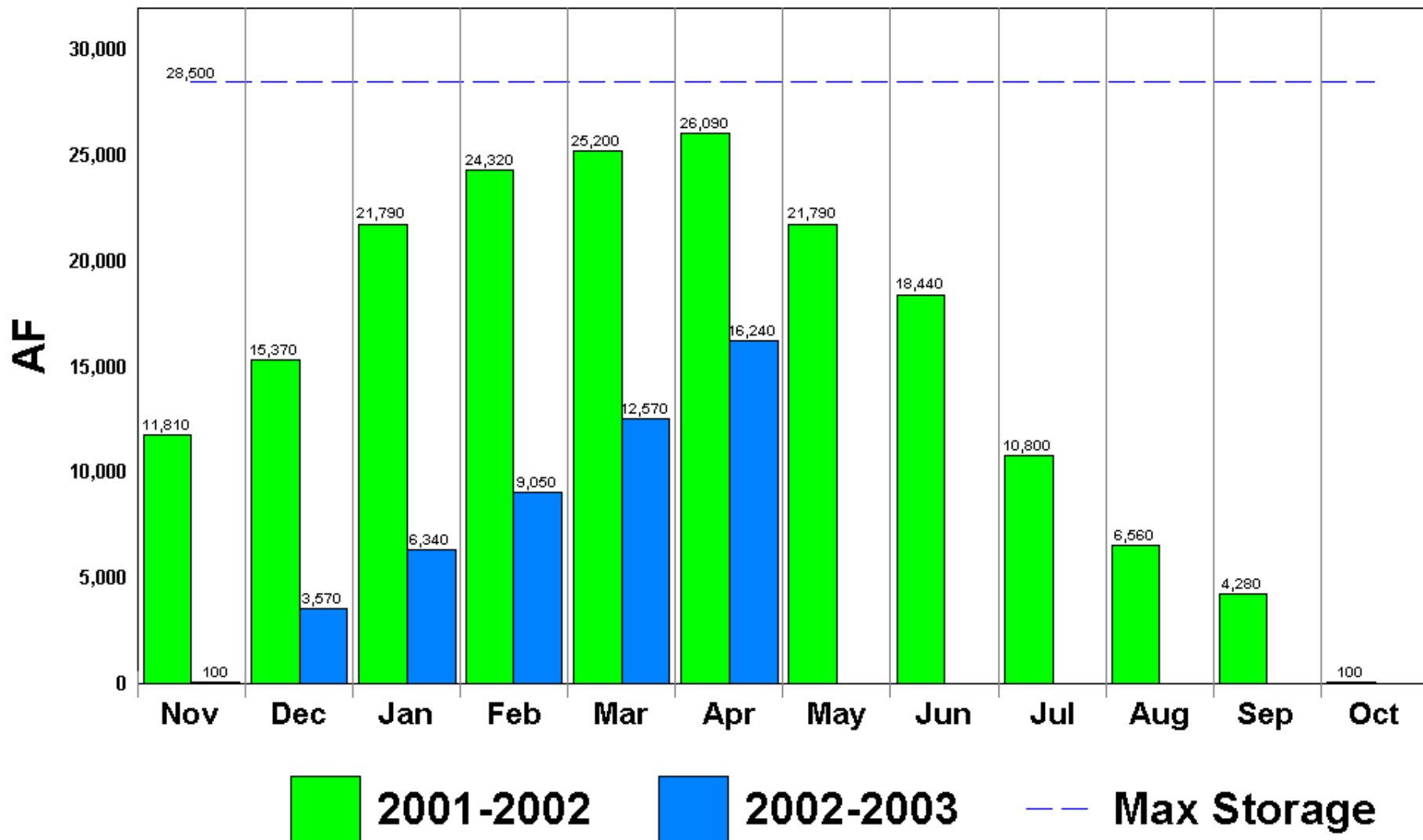
Empire Reservoir

(Agricultural)



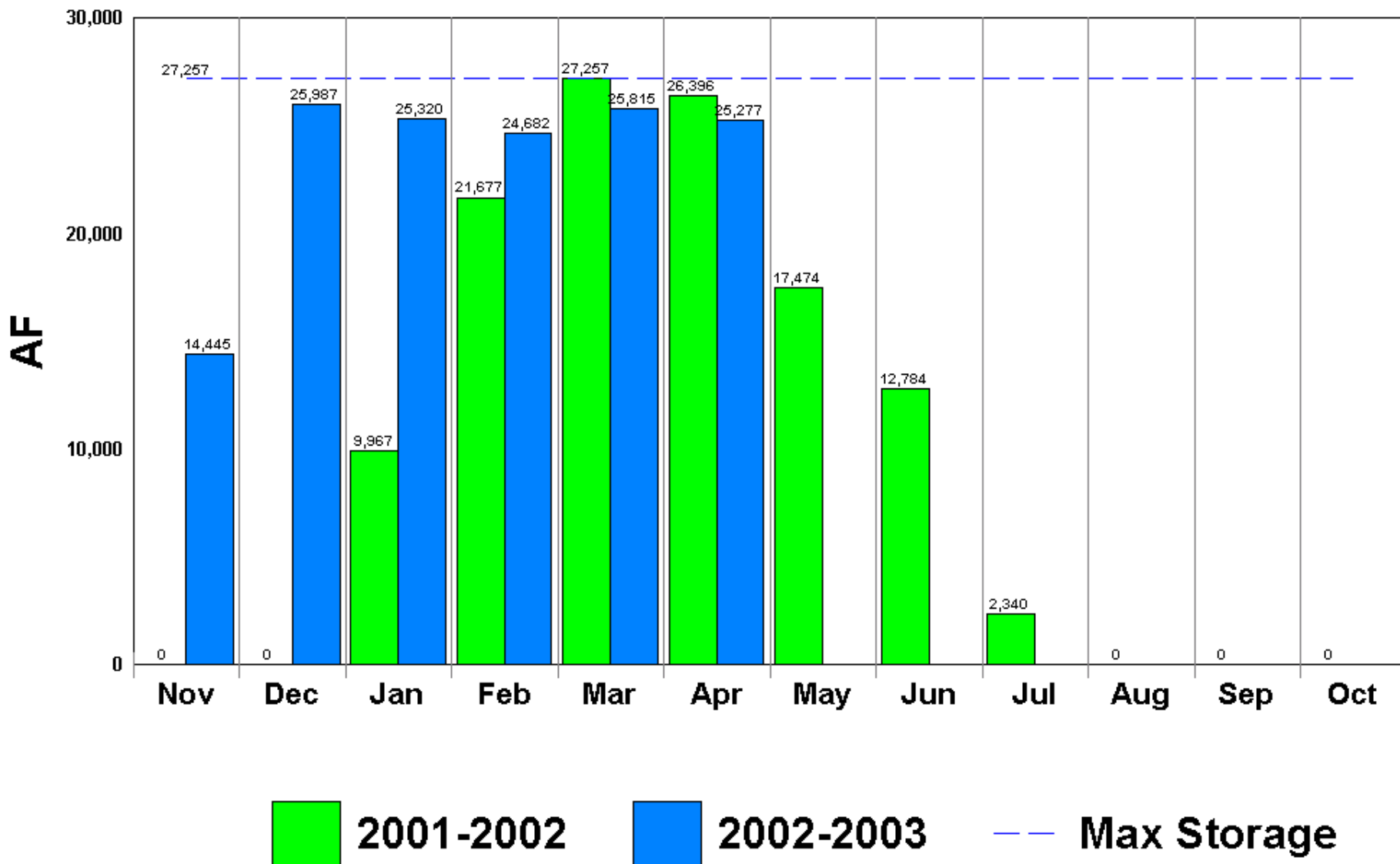
Prewitt Reservoir

(Agricultural)



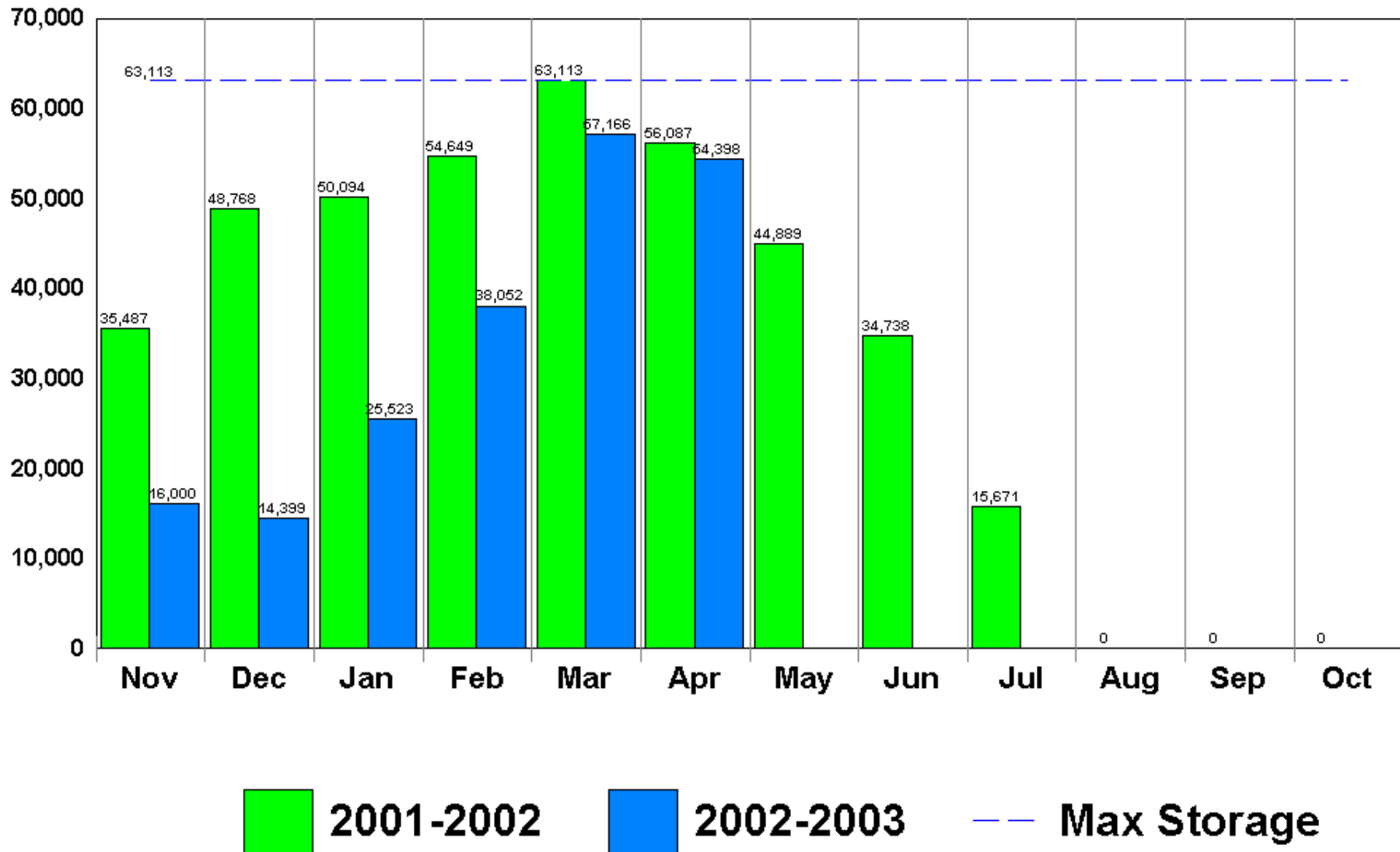
Jackson Reservoir

(Agricultural)



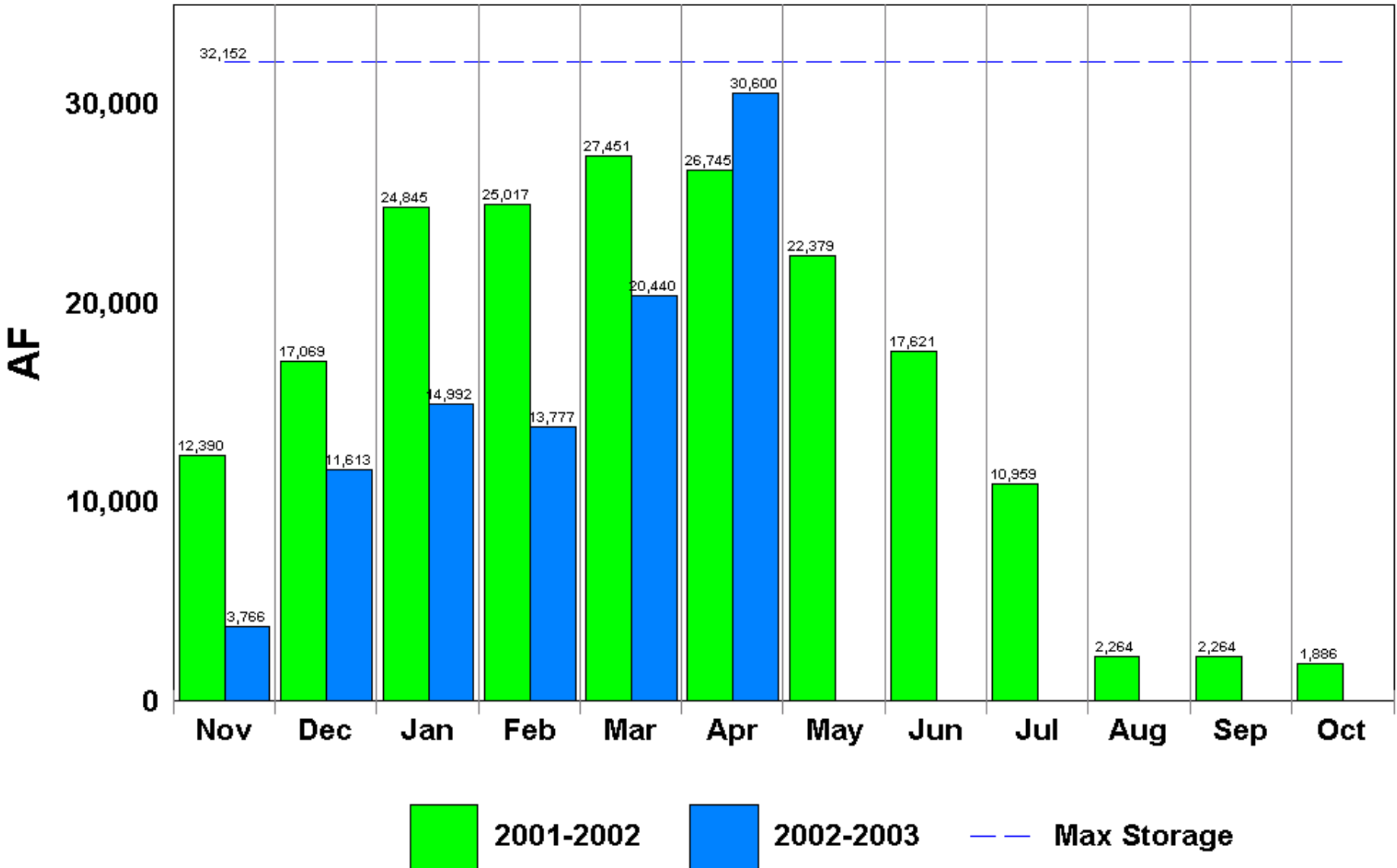
Riverside Reservoir

(Agricultural)



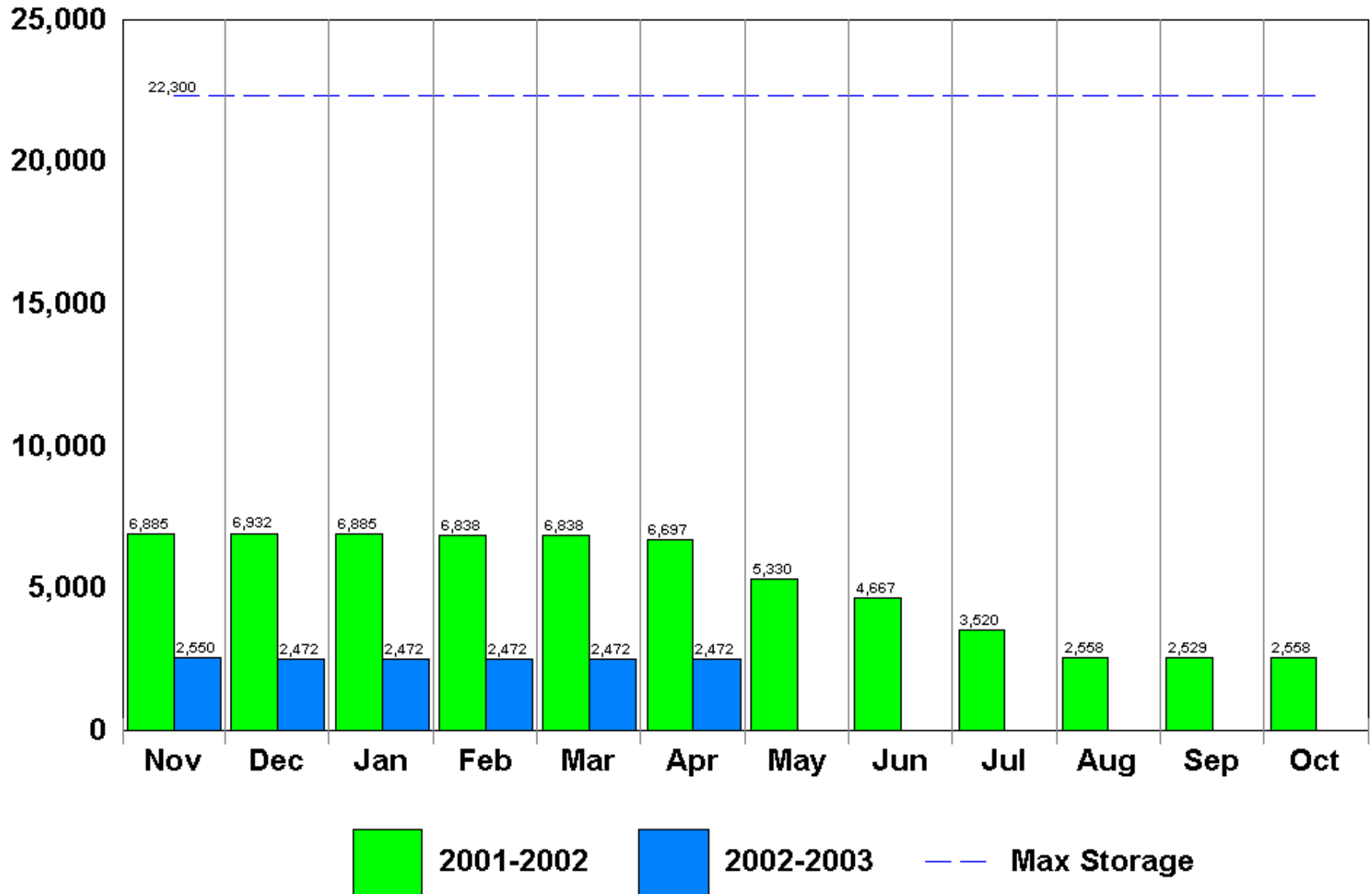
Barr Lake

(Agricultural)



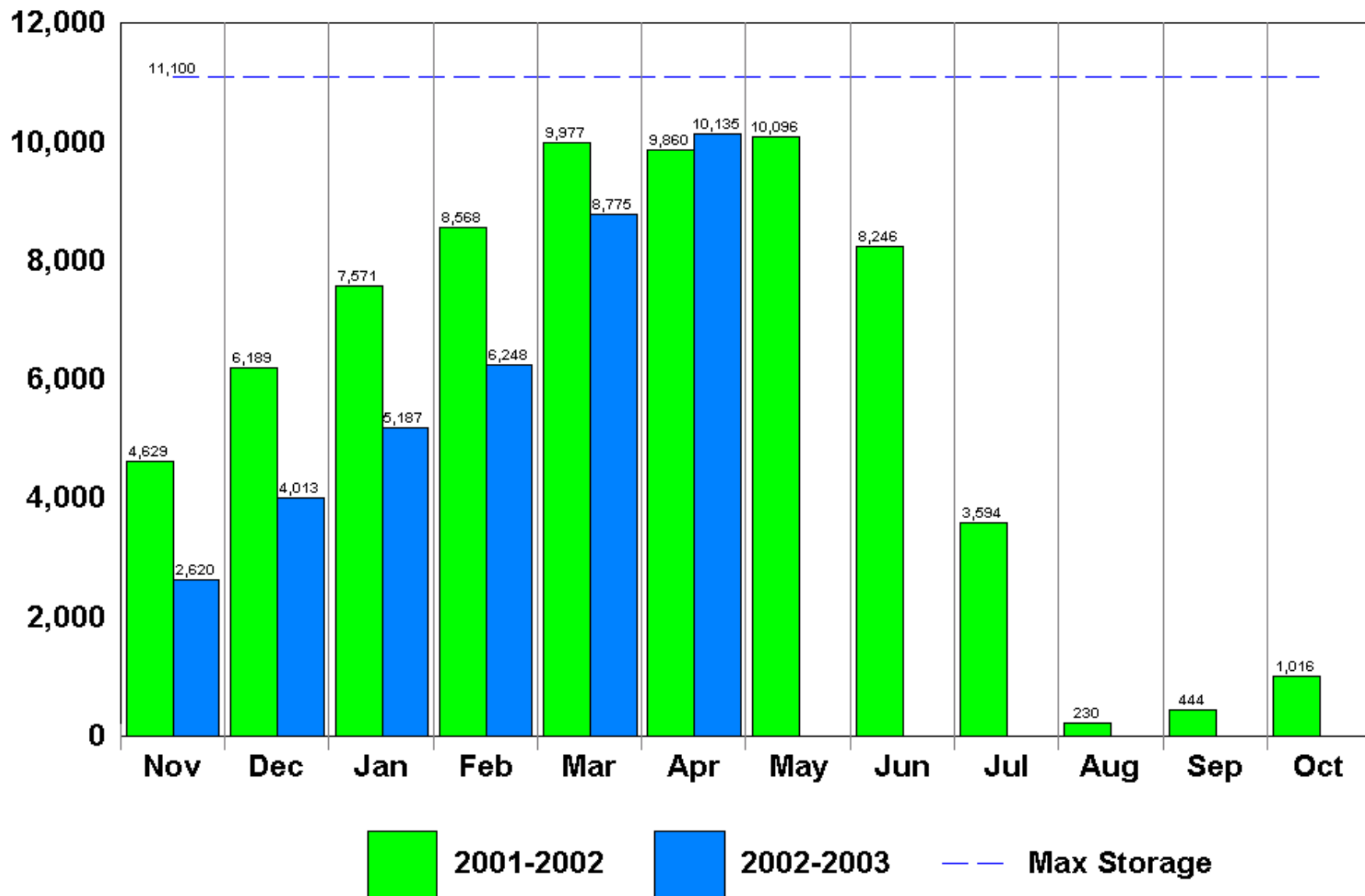
Cobb Lake

(Agricultural)



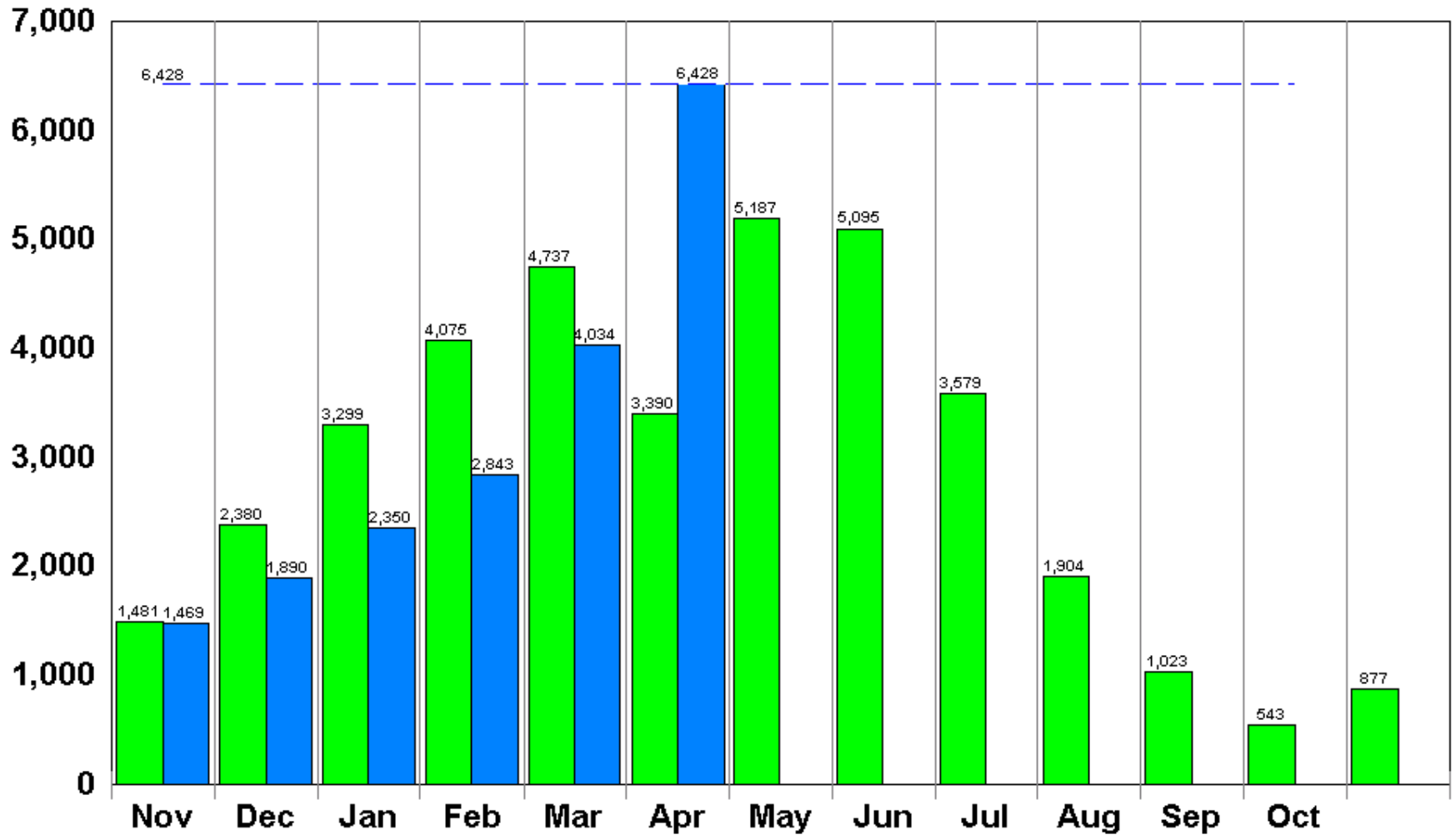
Fossil Creek Reservoir

(Agricultural)



Halligan Reservoir

(Agricultural)



2001-2002

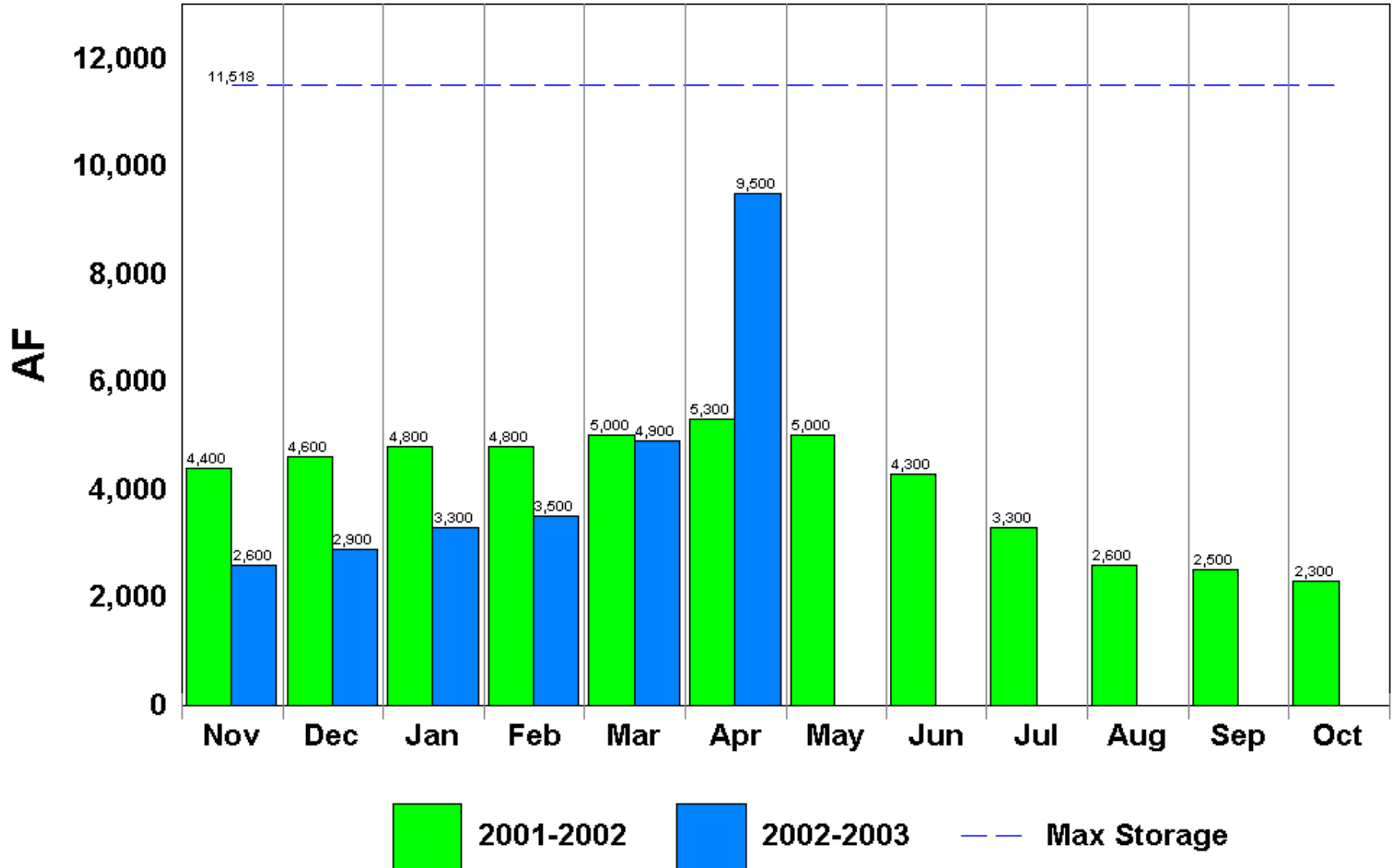


2002-2003

--- Max Storage

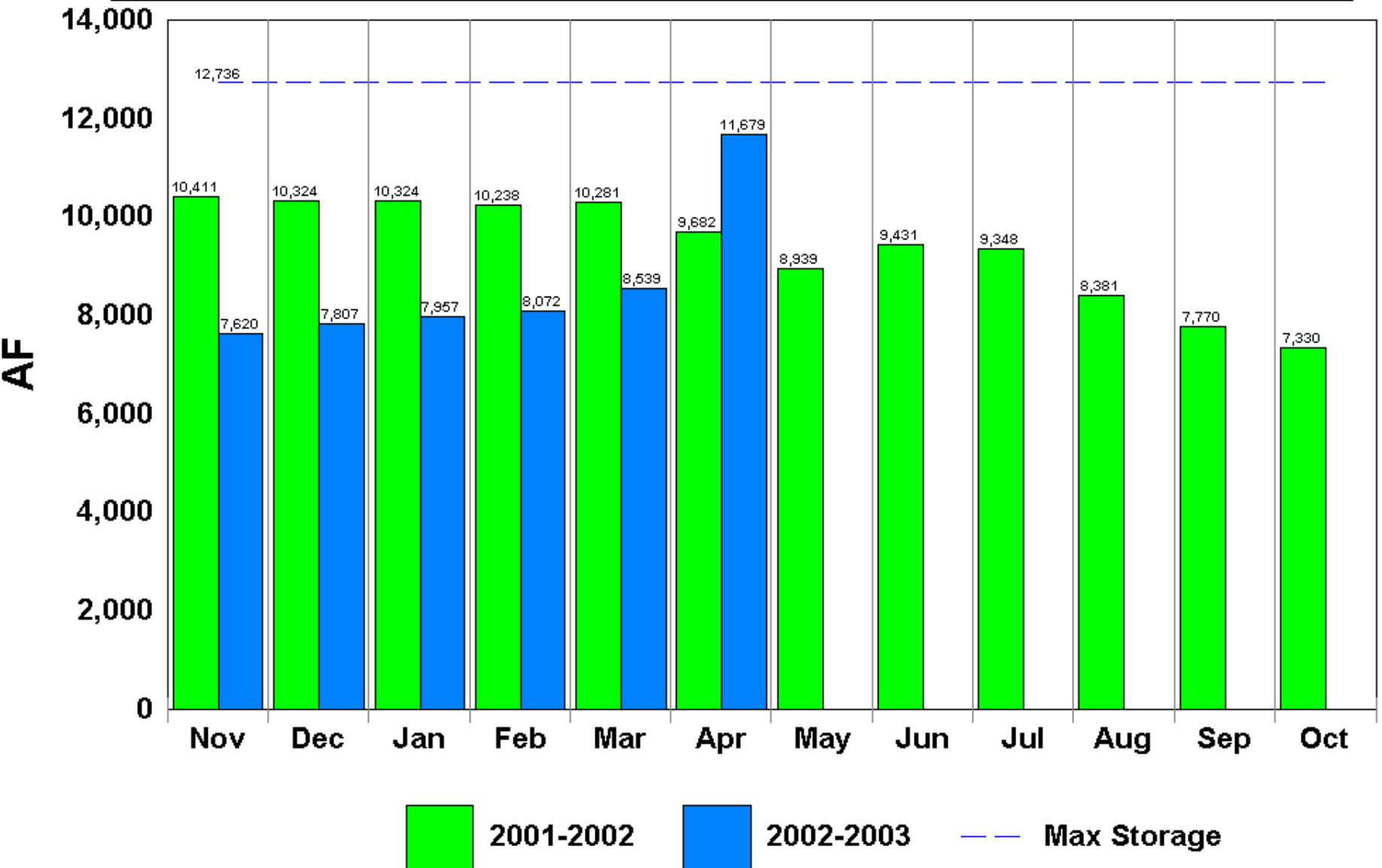
Marshall Lake

(Agricultural)



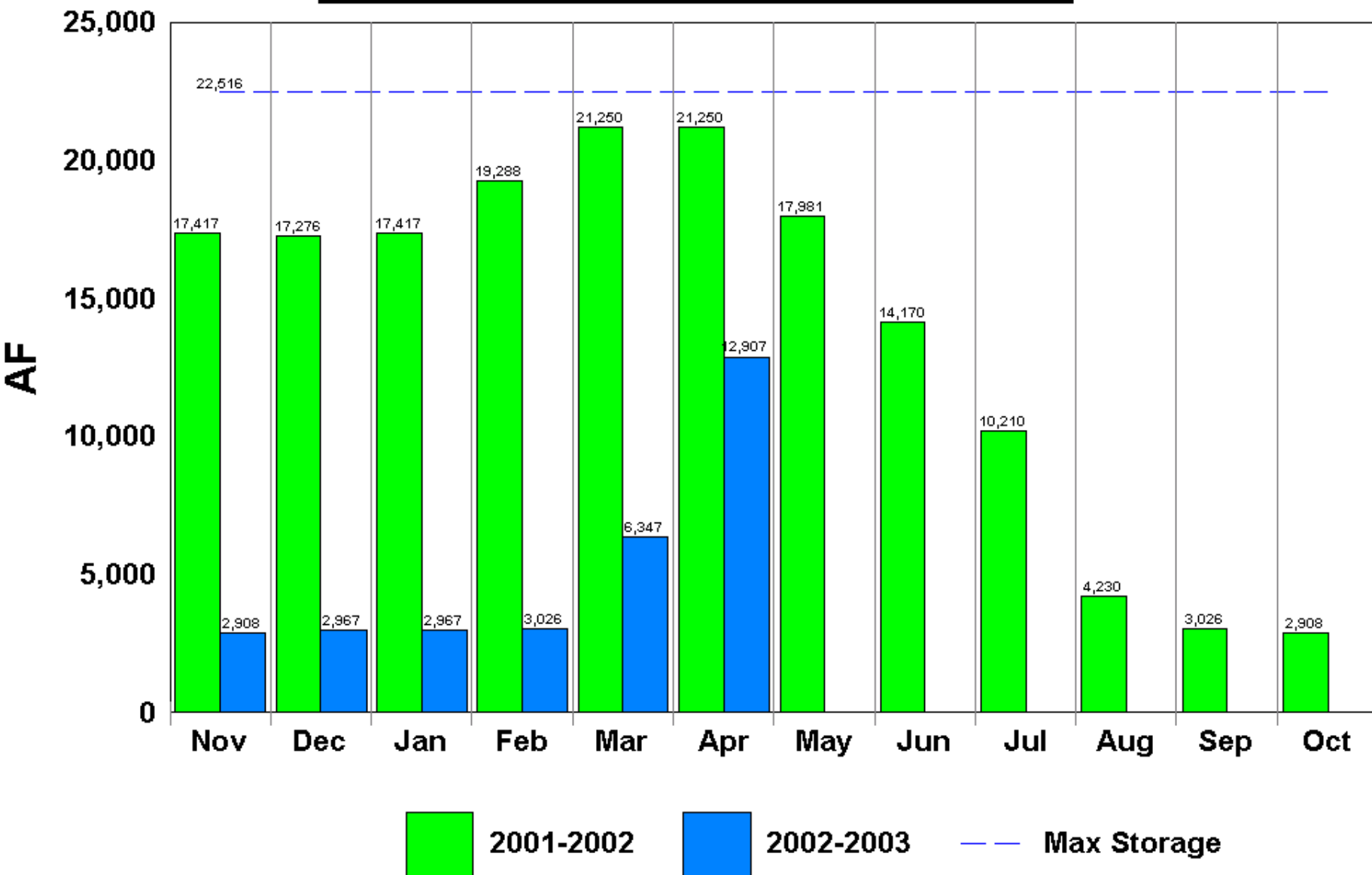
Loveland Greeley Reservoir

(Agricultural)



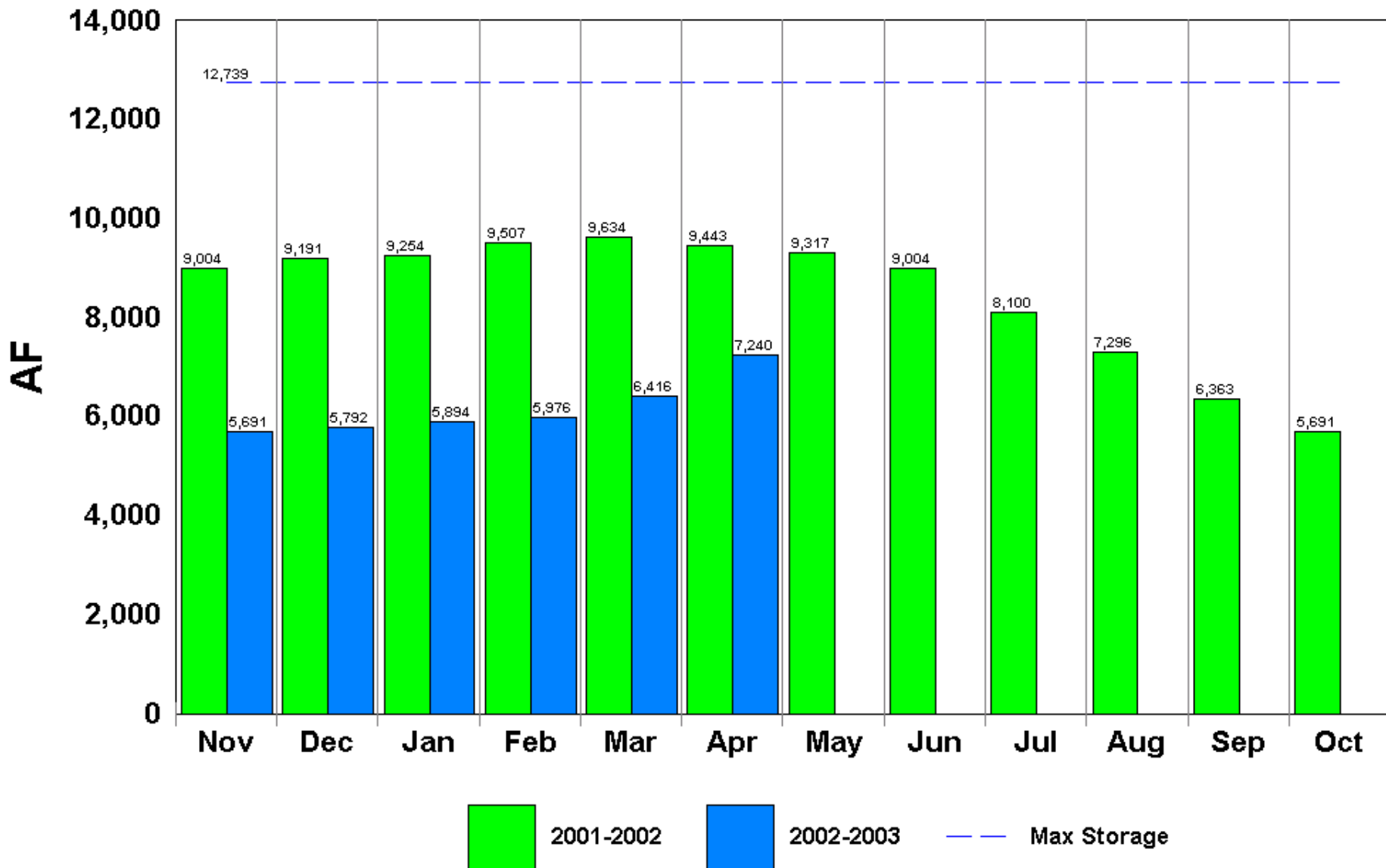
Milton Reservoir

(Agricultural)



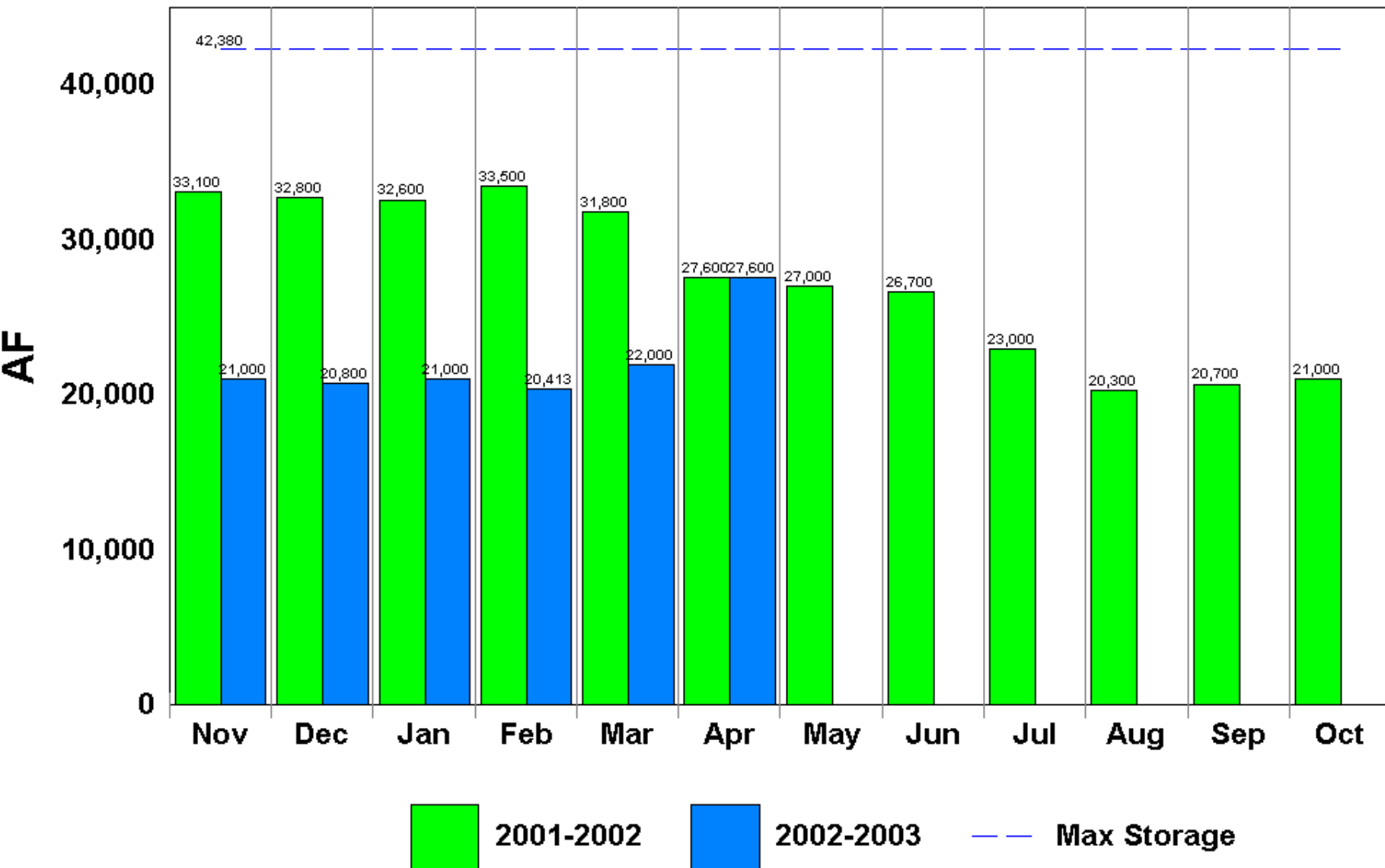
Union Reservoir

(Agricultural)



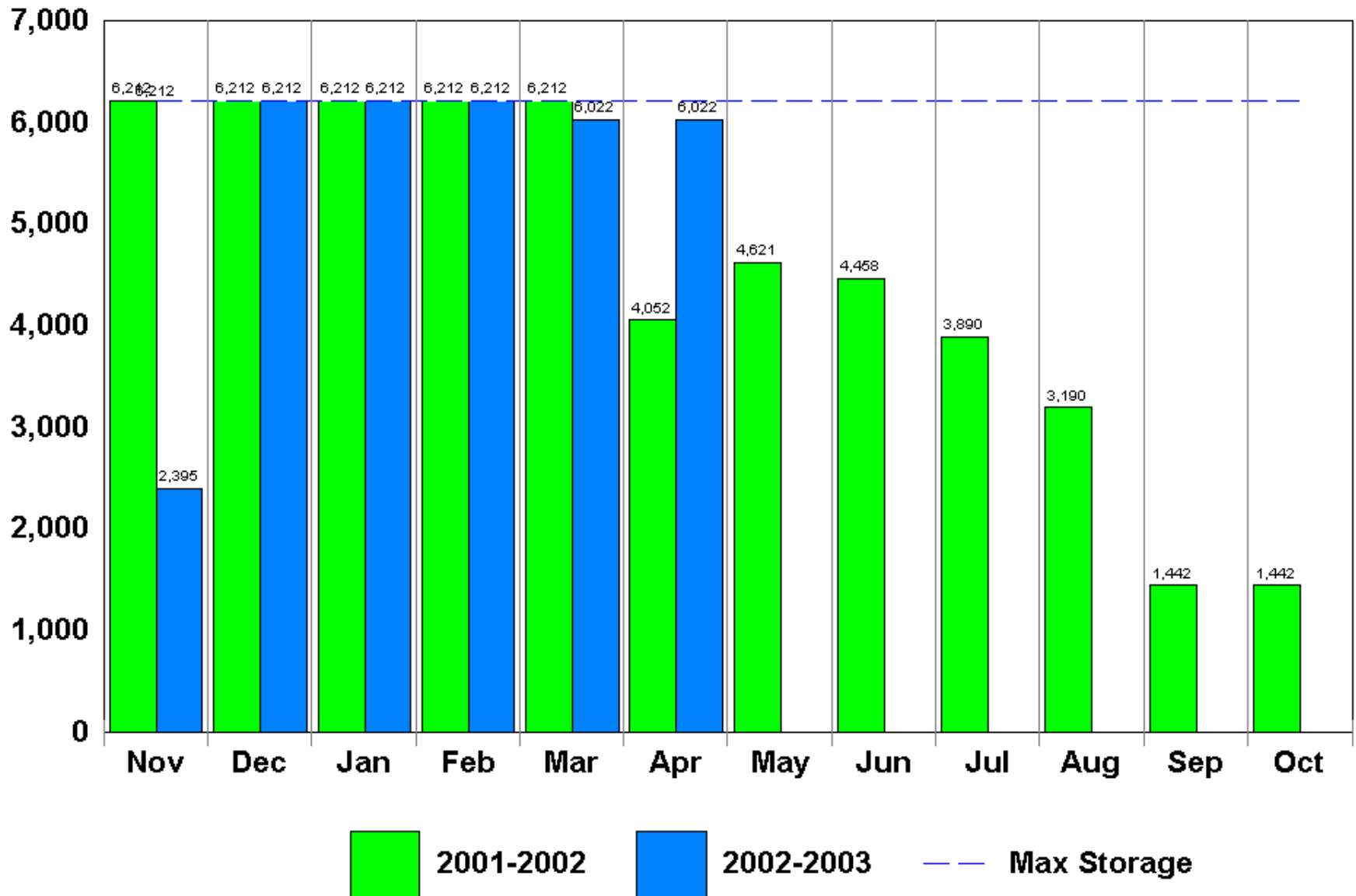
Standley Lake

(Agricultural)



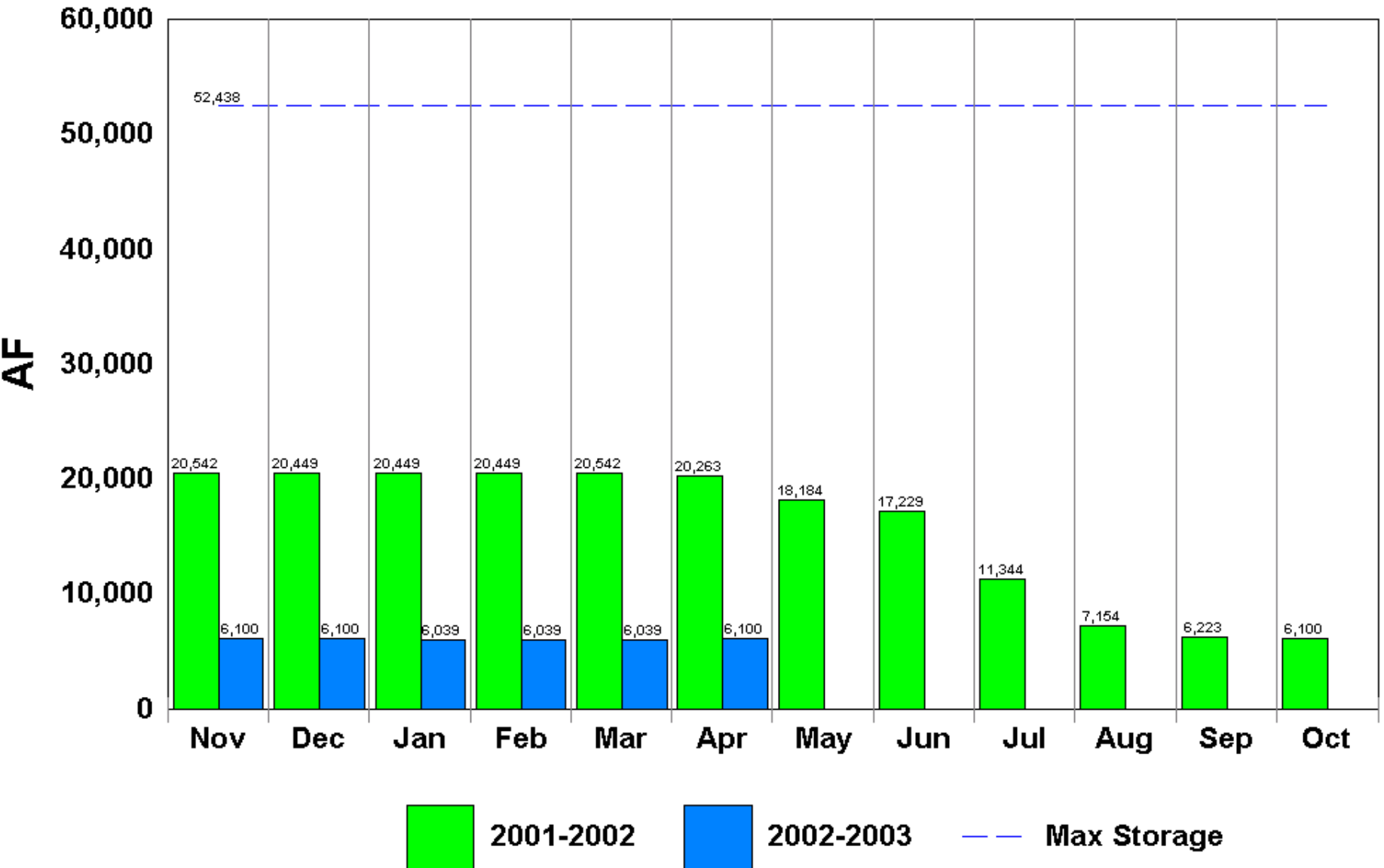
Lower Latham Reservoir

(Agricultural)



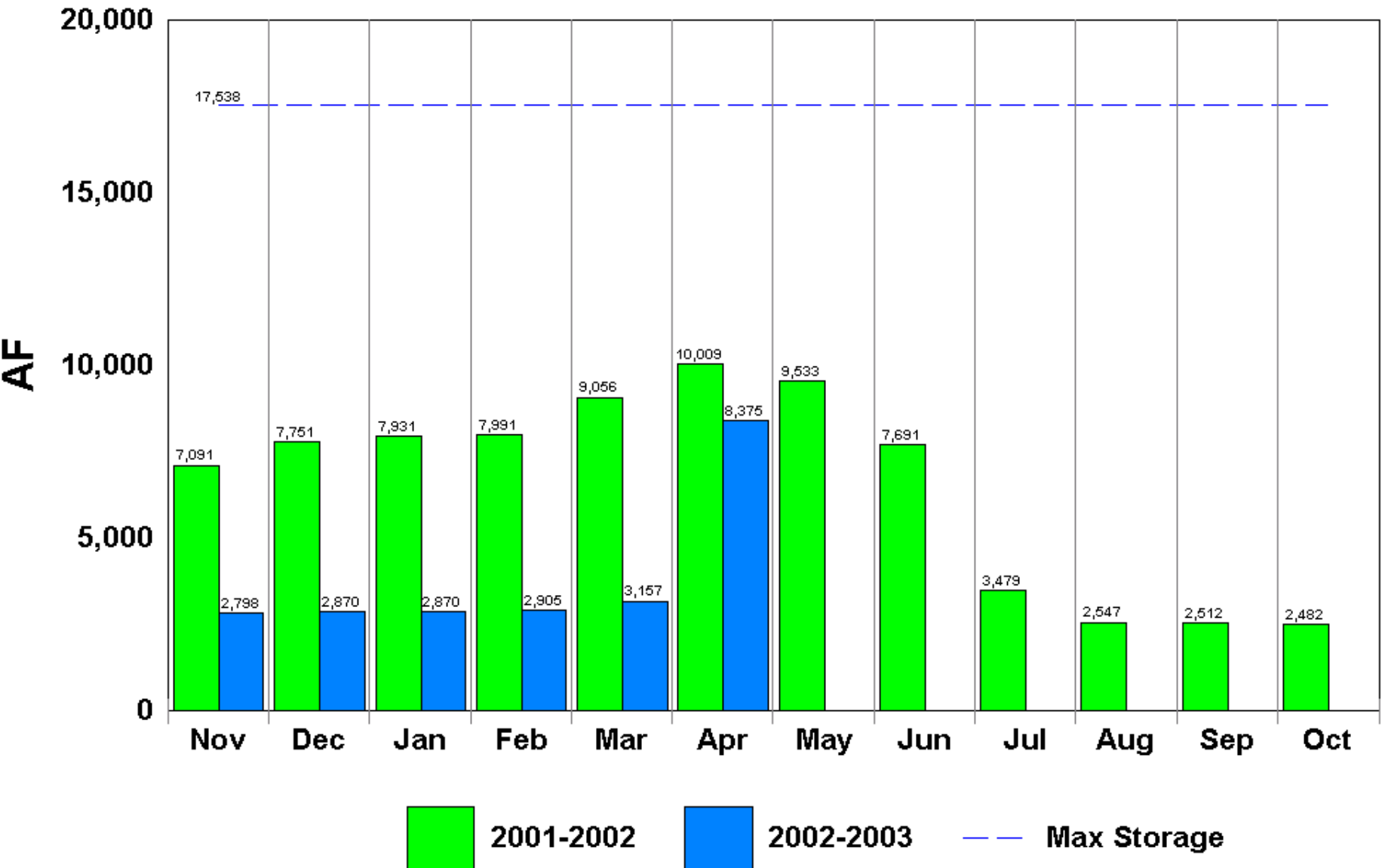
Boyd Lake

(Agricultural)



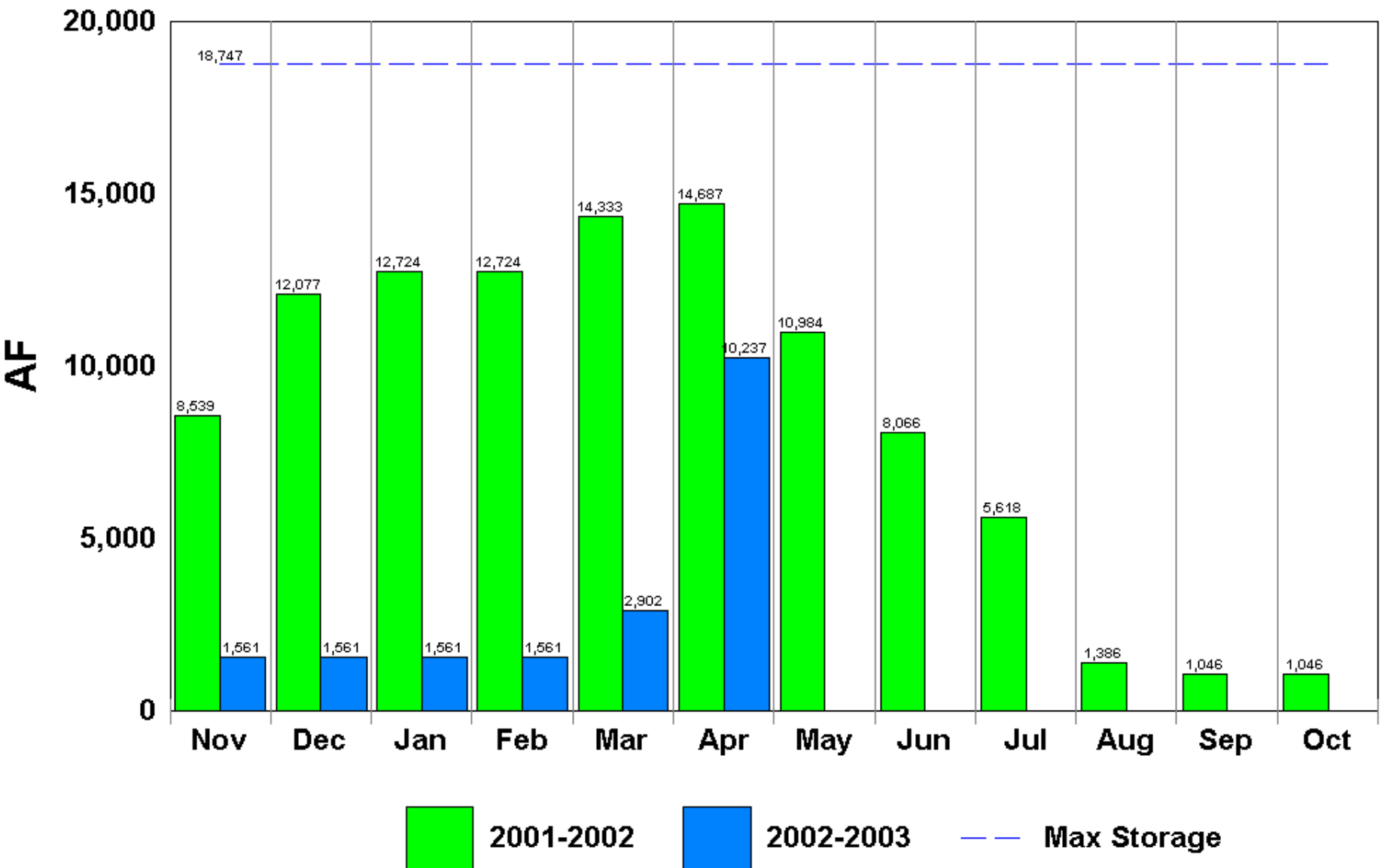
Windsor Reservoir

(Agricultural)



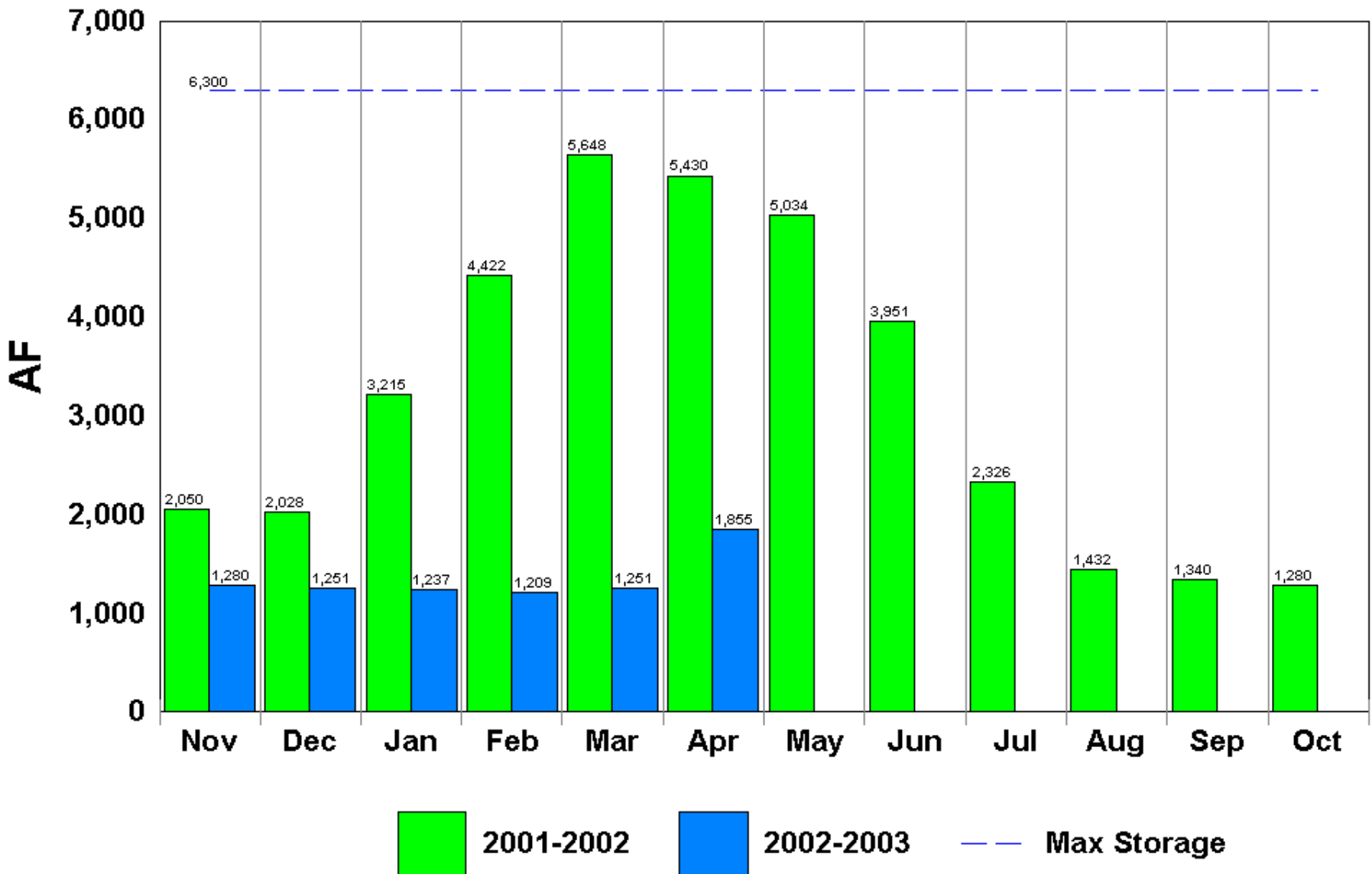
Horse Creek Reservoir

(Agricultural)



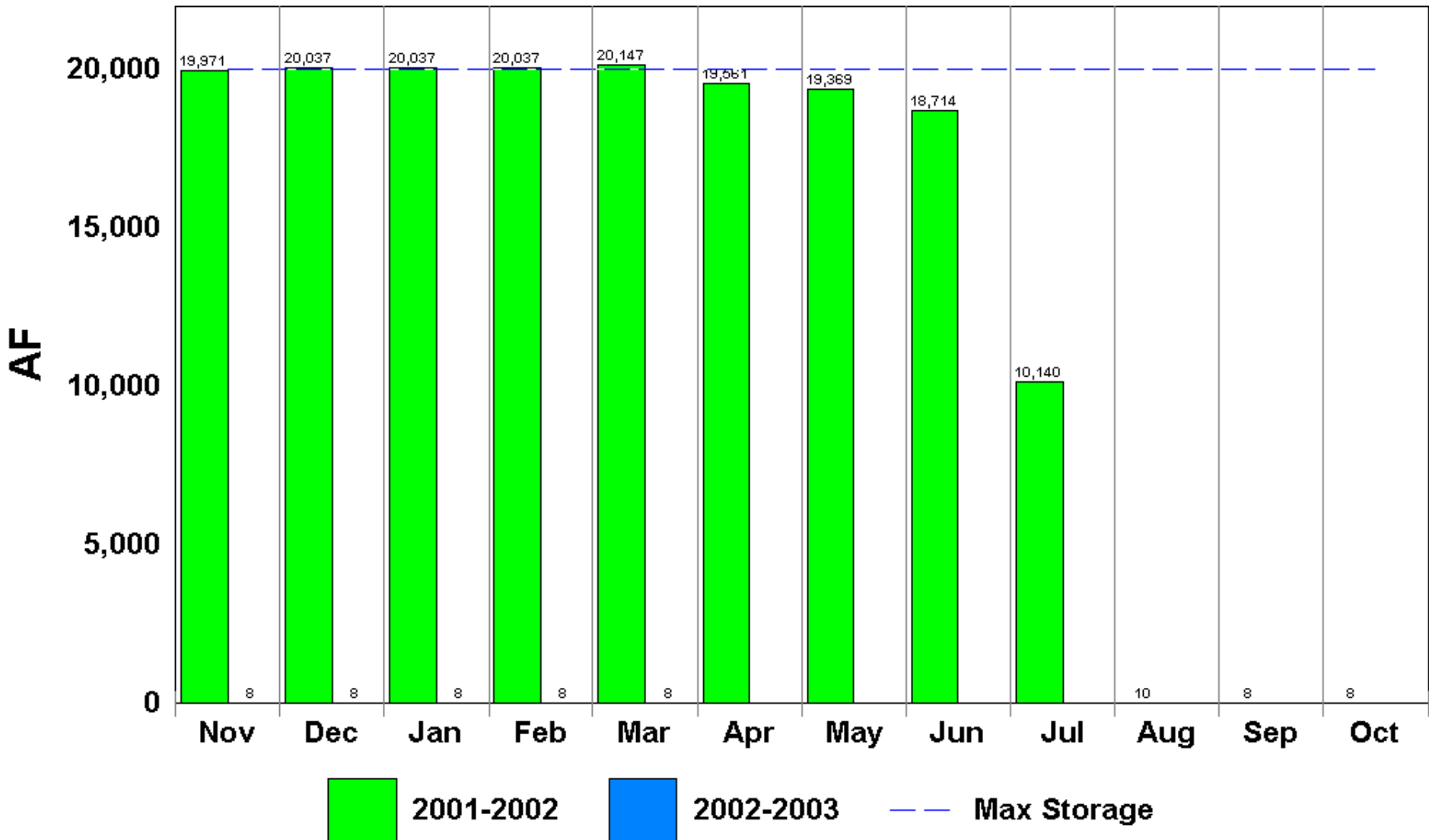
Prospect Reservoir

(Agricultural)



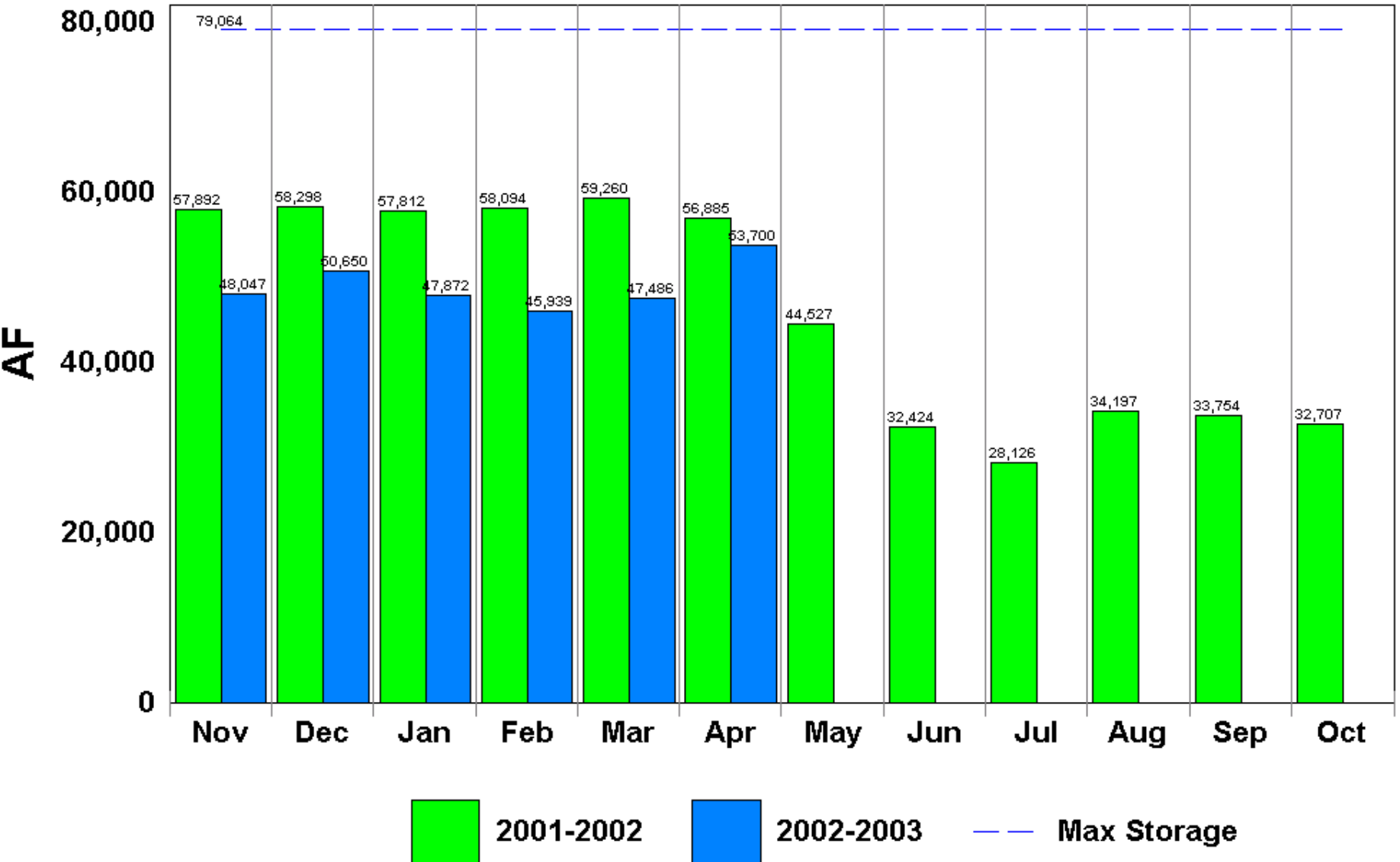
Antero Reservoir

(Municipal)



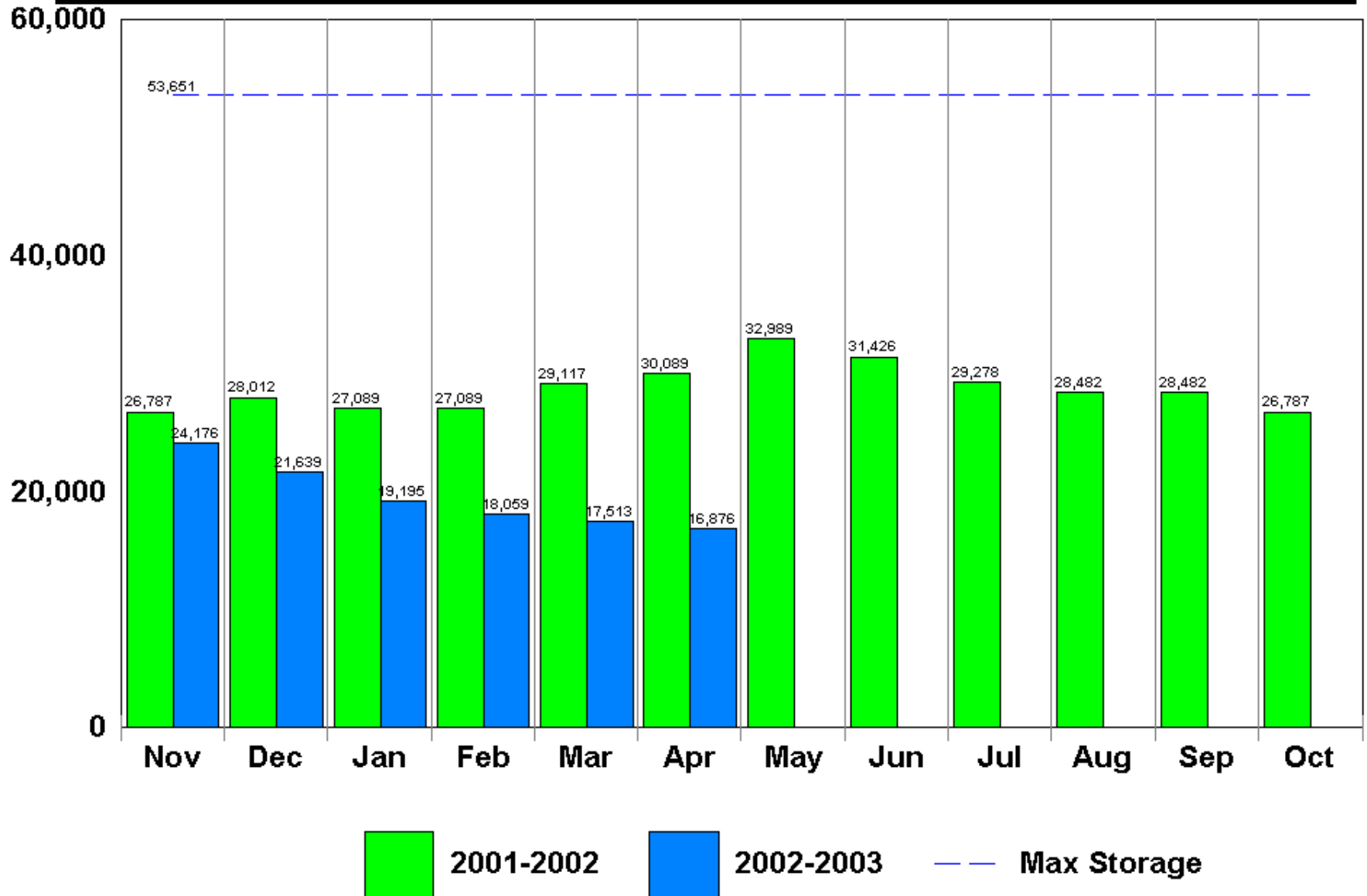
Cheesman Reservoir

(Municipal)



Spinney Mountain Reservoir

(Municipal)



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



Flood Spillway, East Reservoir