

South Platte Summary

March 2003

By John Lochhead for SEO

Mt. Evans



Mt. Evans, March 2002

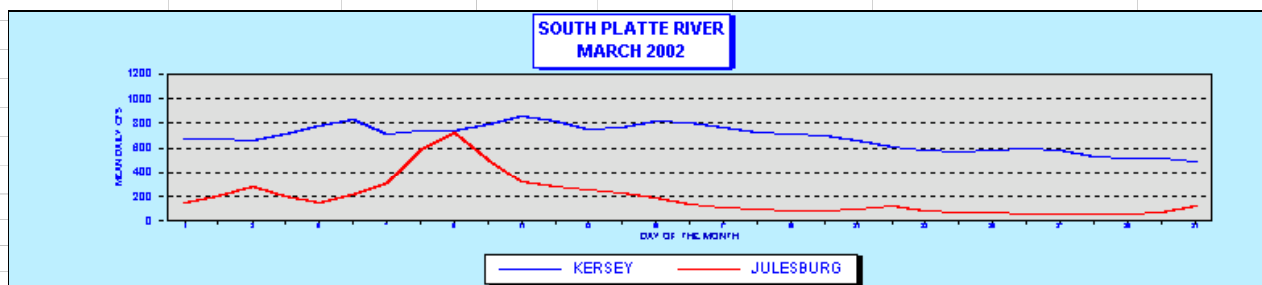
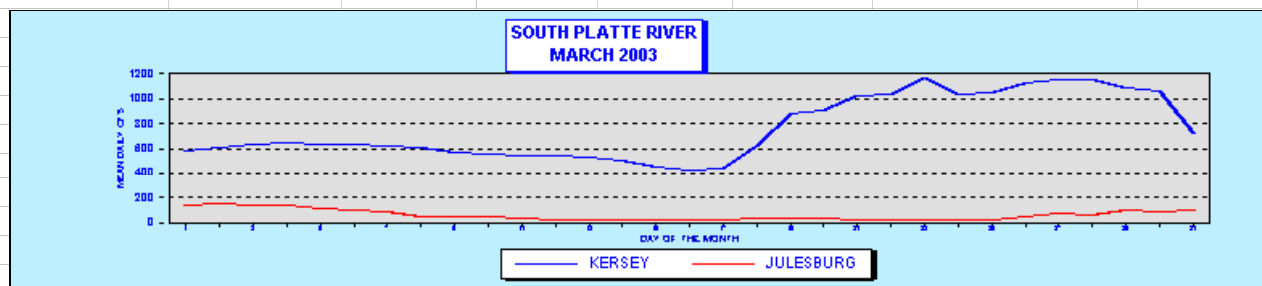
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF MARCH 2003

03-Apr

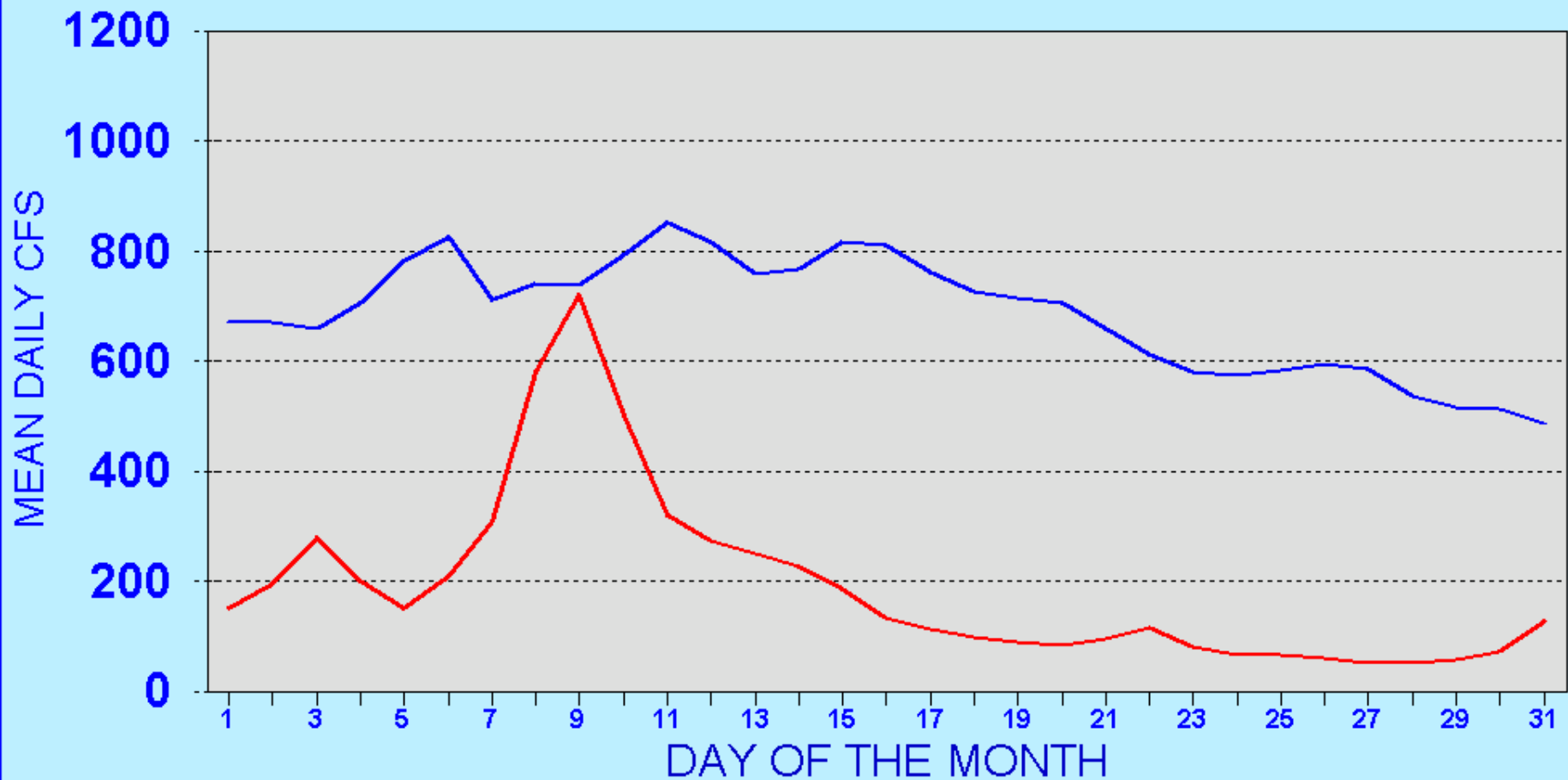
RESERVOIR	FULL ALLOWABLE CAPACITY (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (ACRE FEET)	% CHANGE IN STORAGE BASED ON FIRST OF MONTH STORAGE	% OF CURRENT FULL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACITY THIS MONTH, (LAST YEAR)	SURCHARGE (ACRE FEET)
JULESBURG	22,666	19,940	22,666	64	2,726	14%	100%	94%	0
NORTH STERLING	73,730	29,080	41,450	64	12,370	43%	56%	97%	0
PREWITT	28,500	9,050	12,570	64	3,520	39%	44%	88%	0
JACKSON	27,257	24,682	25,815	1	1,133	5%	95%	100%	0
EMPIRE	37,700	25,360	25,855	1	495	2%	69%	93%	0
RIVERSIDE	63,113	38,052	57,166	1	19,114	50%	91%	100%	0
BARR LAKE	31,652	13,777	20,440	2	6,663	48%	65%	87%	0
CHEESMAN	79,064	45,939	47,486	80	1,547	3%	60%	75%	0
ELEVEN MILE	97,779	44,571	45,109	23	538	1%	46%	100%	0
SPINNEY	53,651	18,059	17,513	23	(546)	-3%	33%	54%	0
ANTERO	20,015	8	8	23	0	0%	0%	100%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	760
JULESBURG	63
THIS MONTH LAST YEAR	
KERSEY	686
JULESBURG	190
MEAN FOR PERIOD OF RECORD*	
KERSEY	929
JULESBURG	559



* 1976-2001
1902-2001

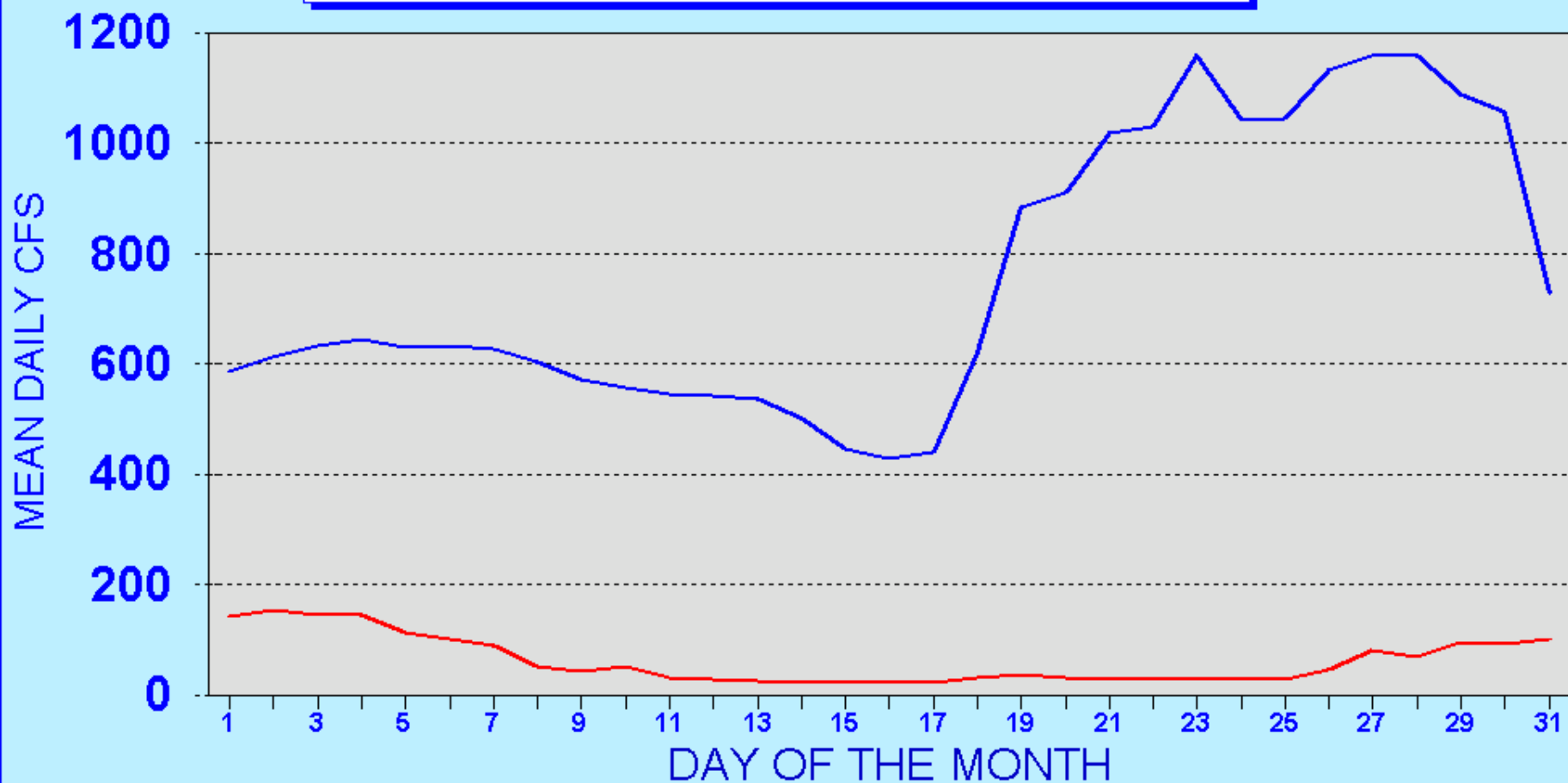
SOUTH PLATTE RIVER MARCH 2002



— KERSEY

— JULESBURG

SOUTH PLATTE RIVER MARCH 2003



— KERSEY

— JULESBURG

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

South Platte River at Kersey

South Platte River at Julesburg

	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			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		

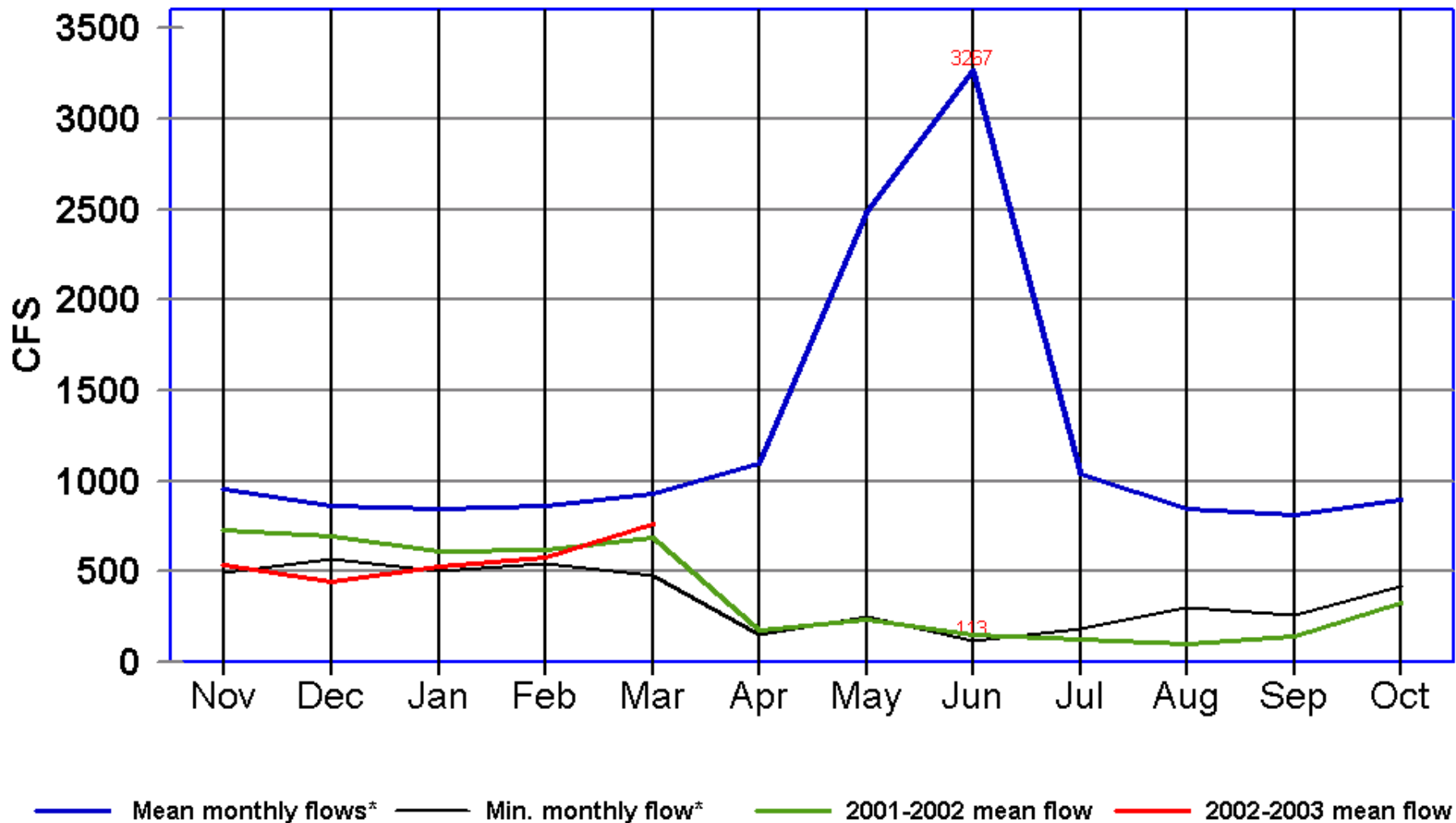
*Period of record 1976-2001

*Period of record 1902-2001



South Platte River at Kersey

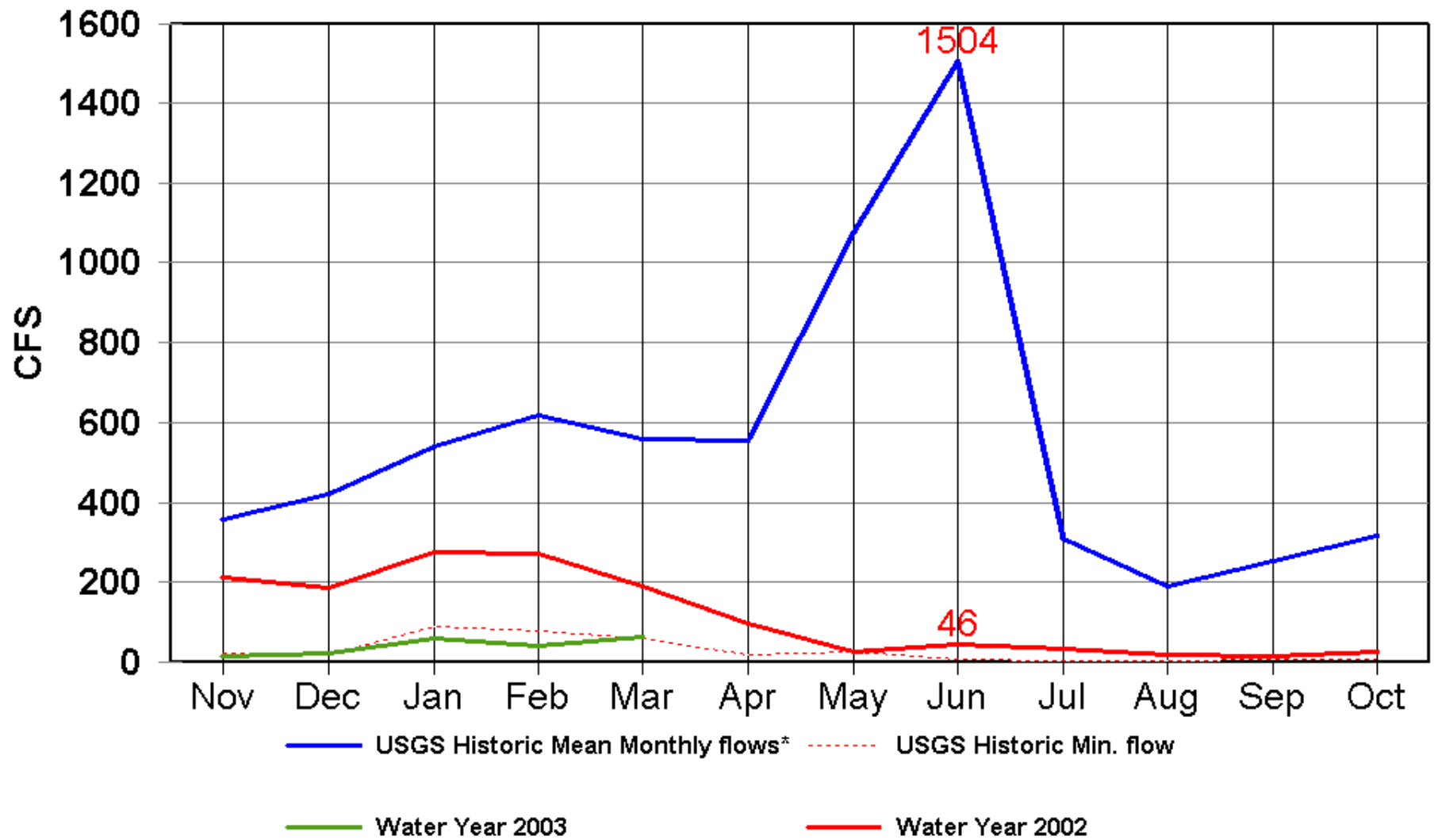
Irrigation Water Year*



*Period of Record 1976-2001

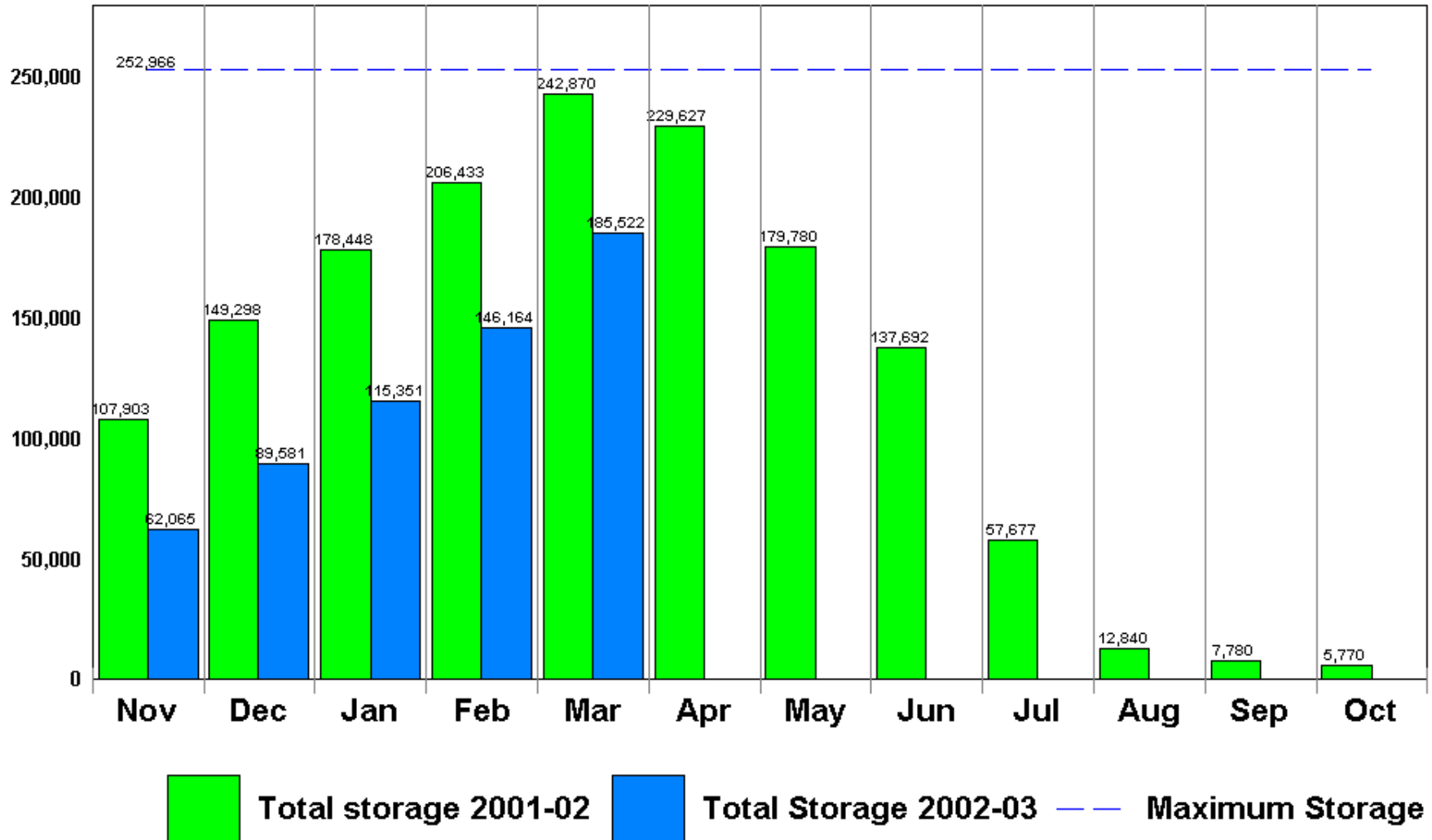
South Platte River at Julesburg

Irrigation Water Year*



*Period of Record 1902-2001

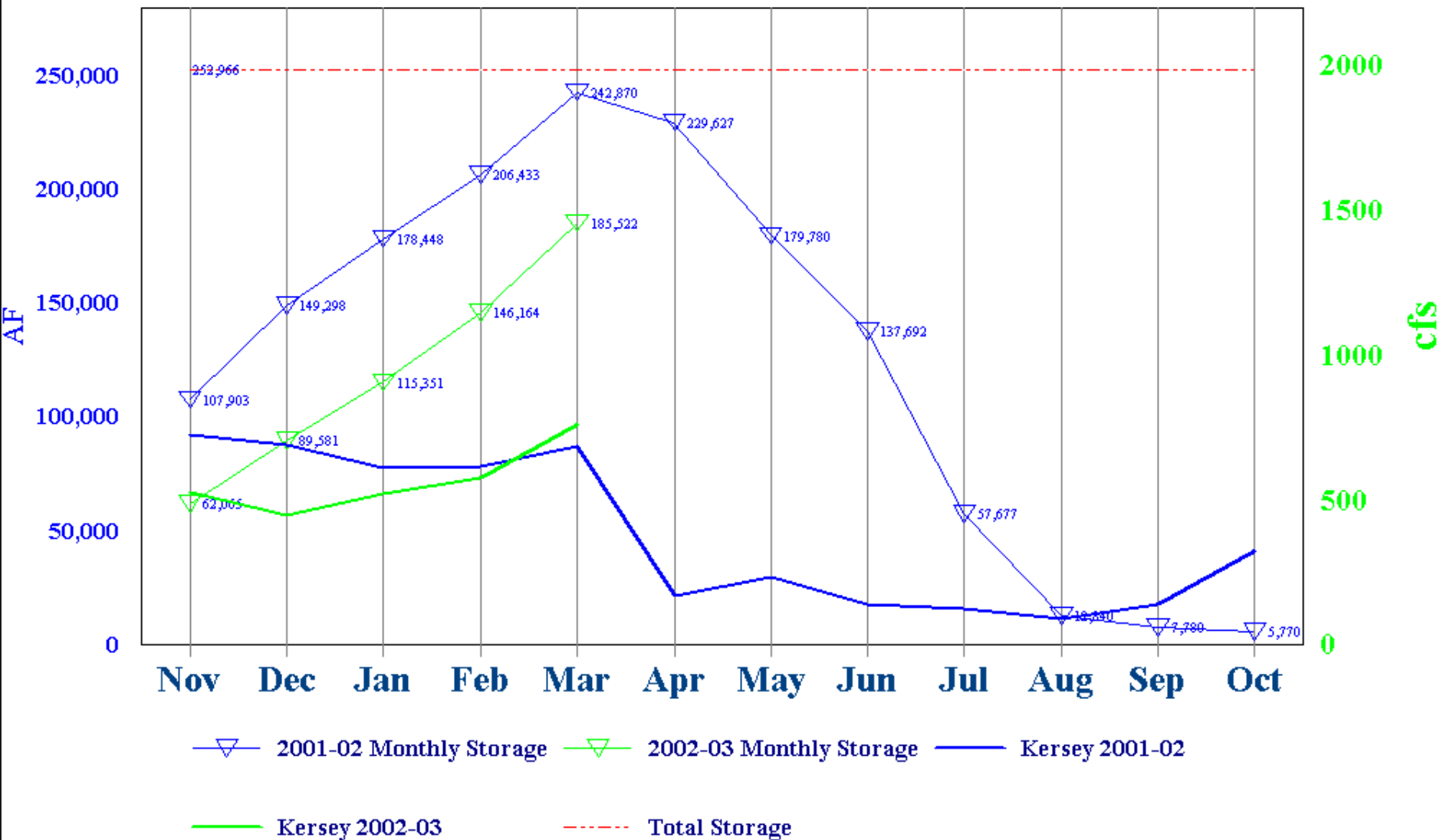
South Platte Reservoirs Storage below Kersey*



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

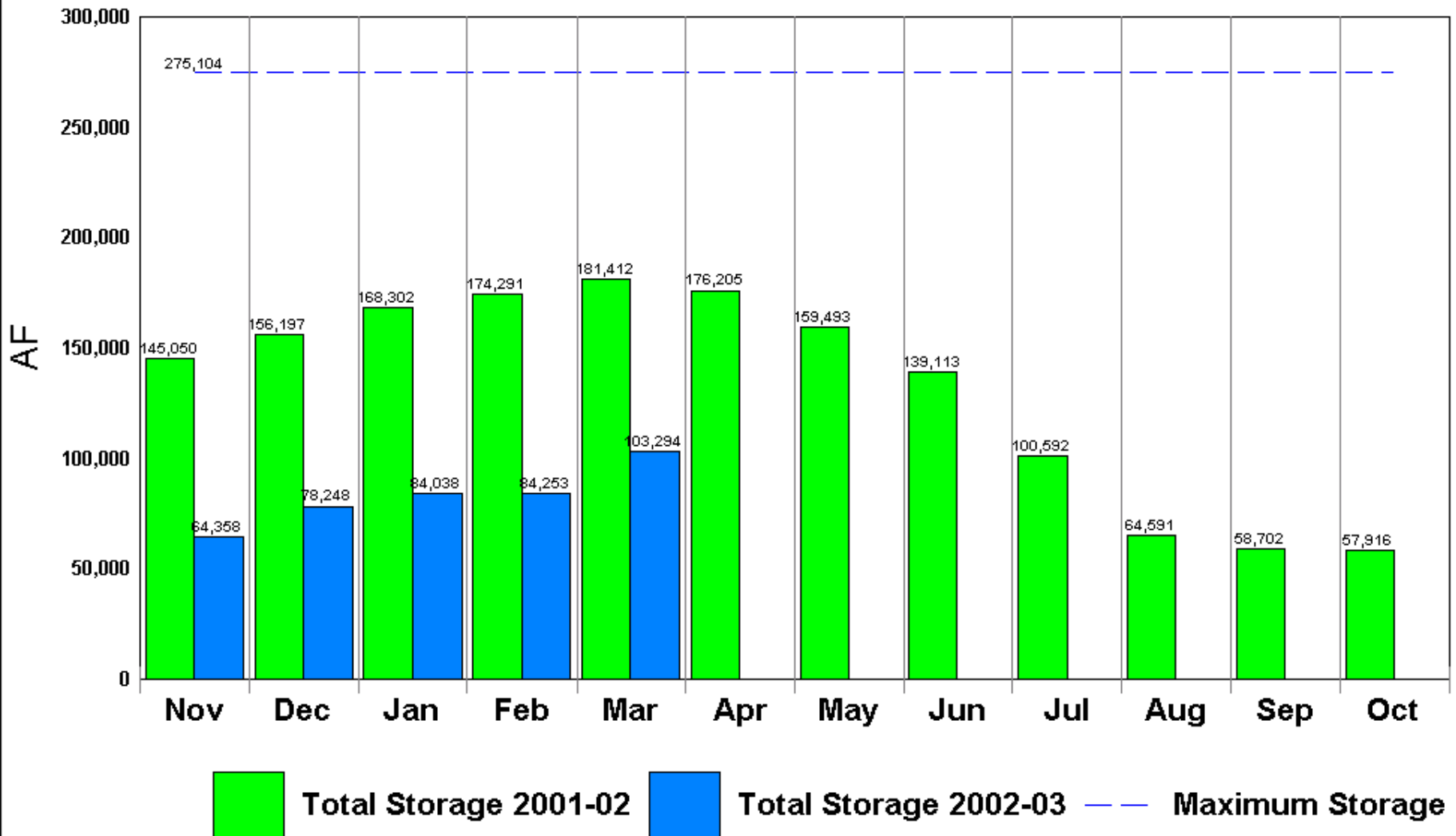
Reservoir Storage below Kersey

Selected Reservoirs*



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

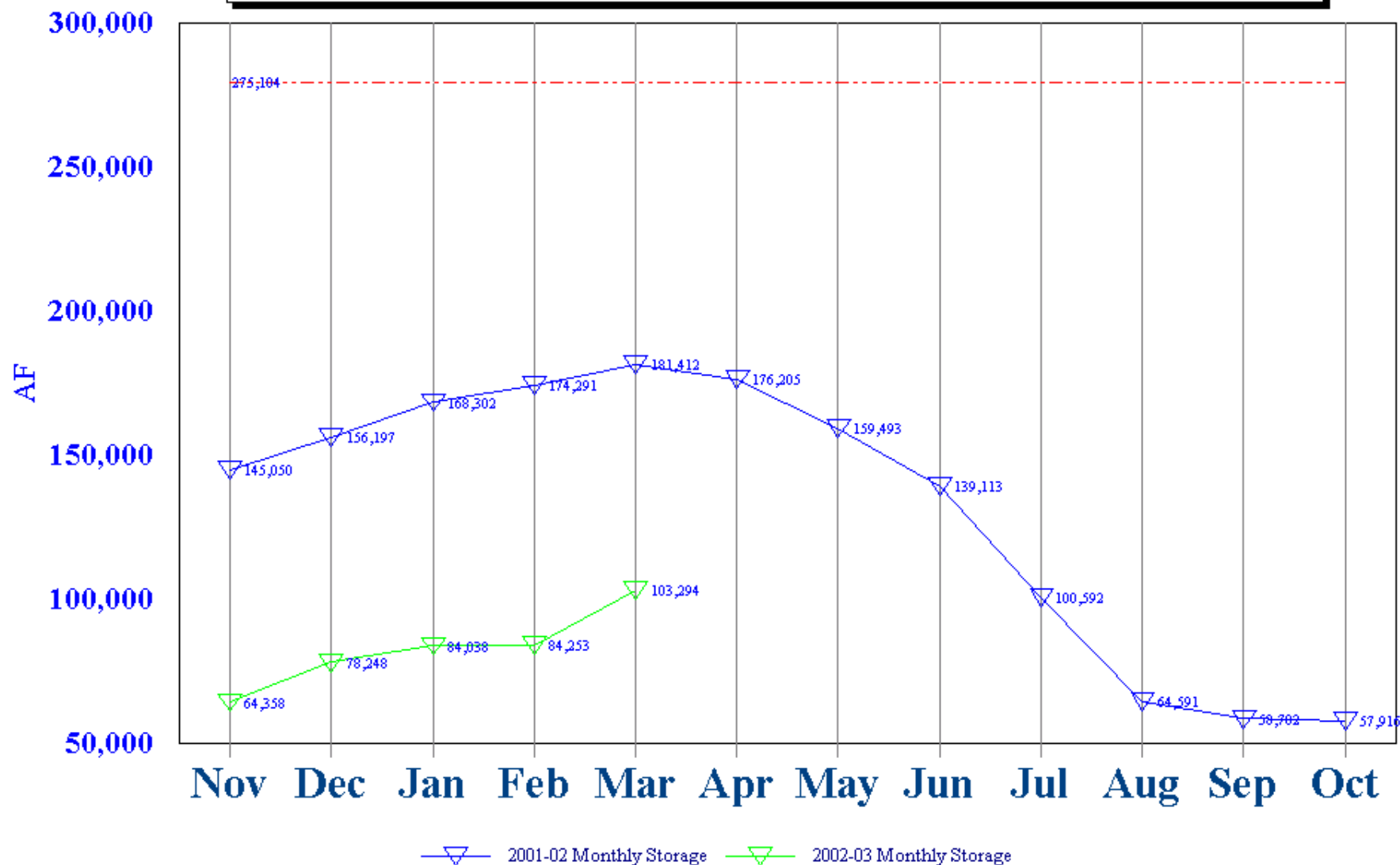
South Platte Reservoirs Storage above Kersey*



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

Reservoir Storage above Kersey

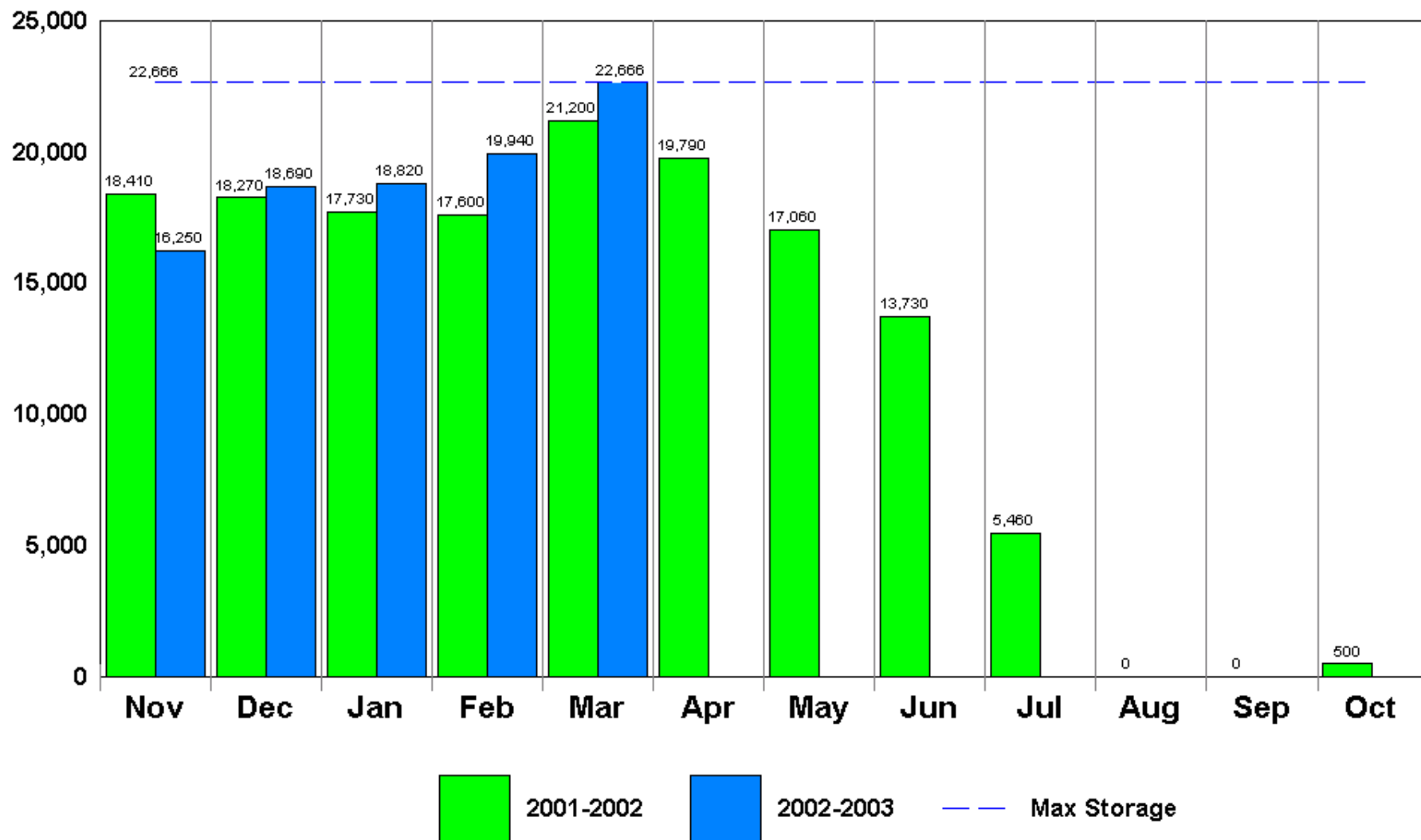
Selected Reservoirs*



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

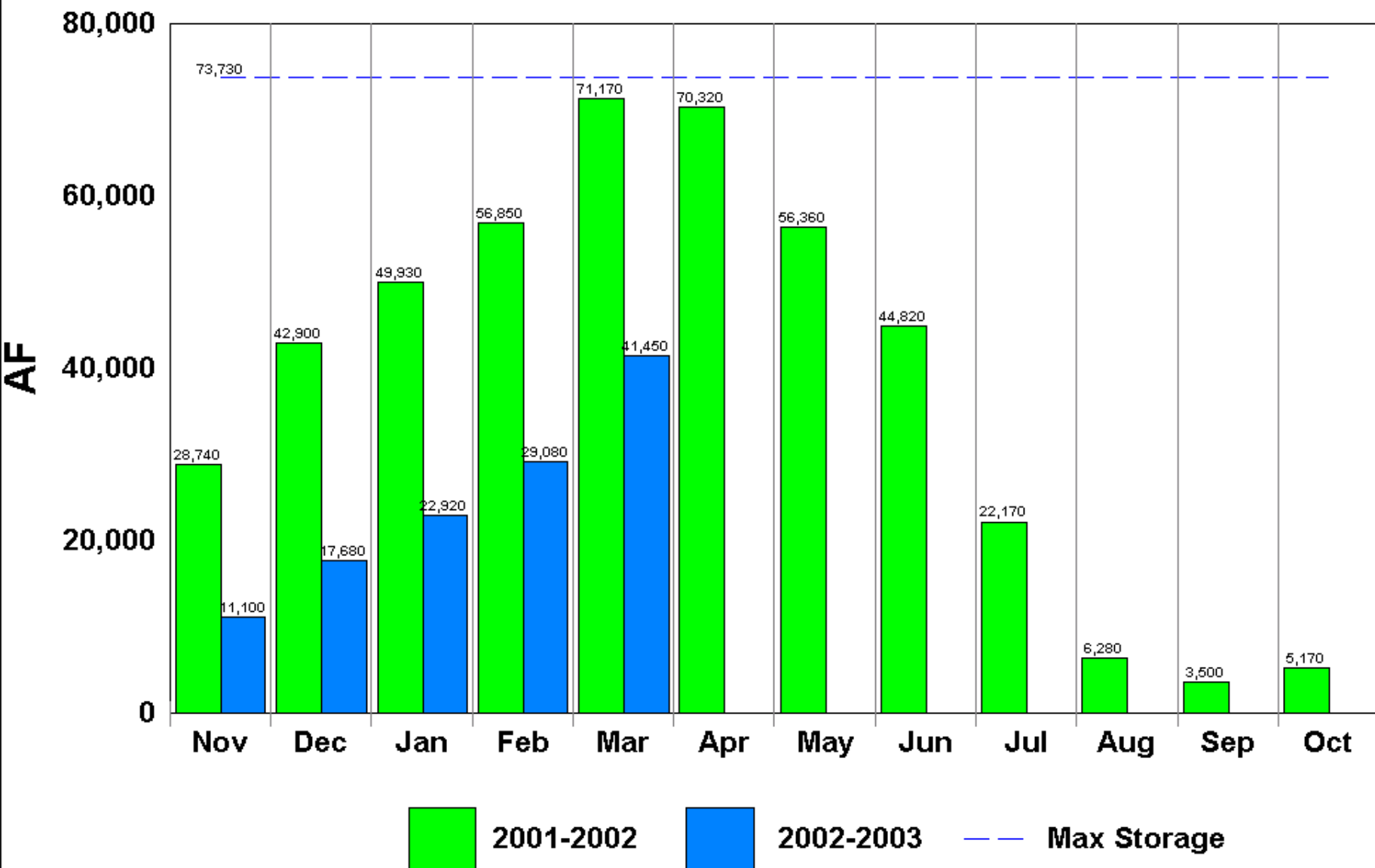
Julesburg Reservoir

(Agricultural)



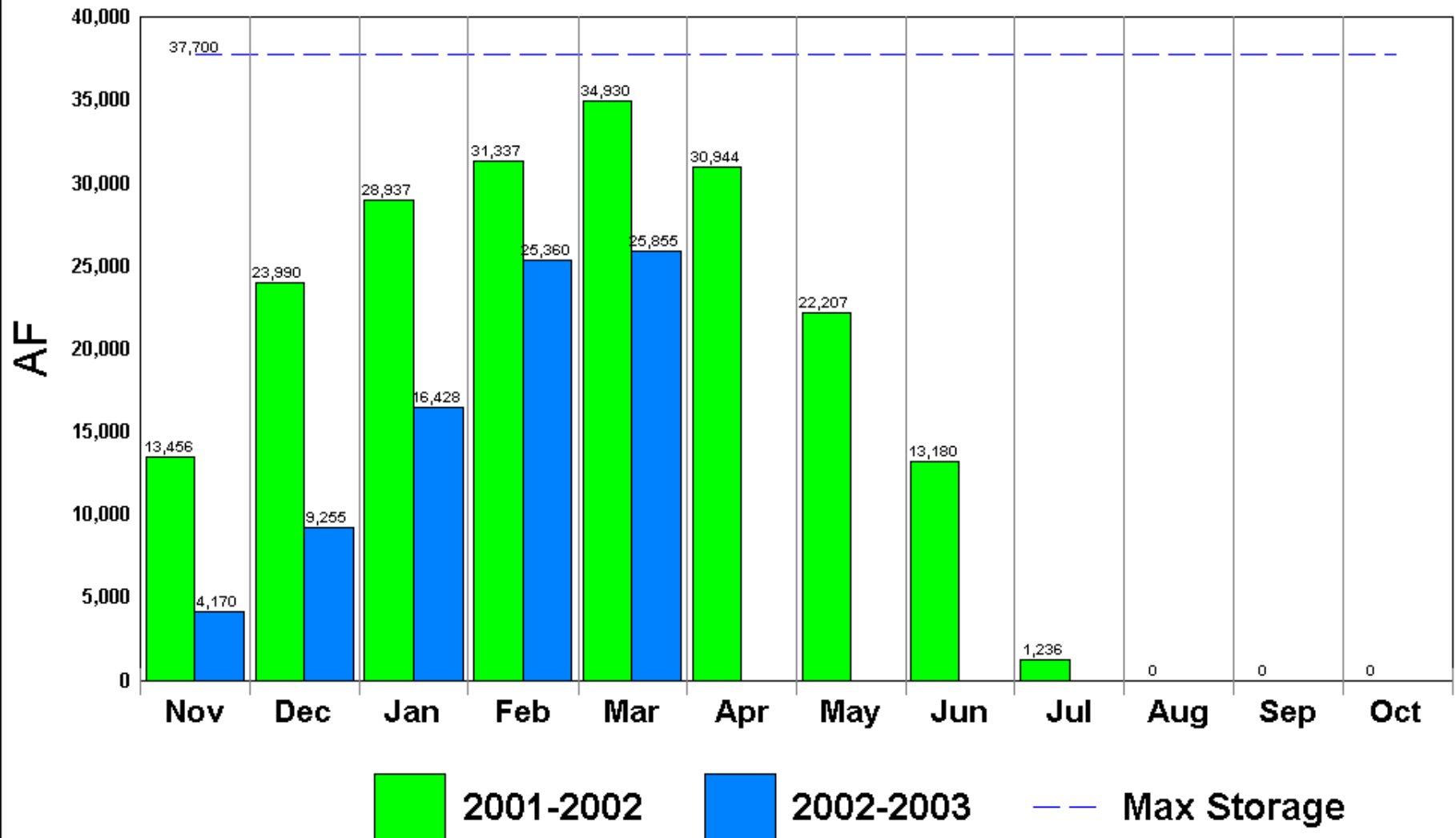
N. Sterling Reservoir

(Agricultural)



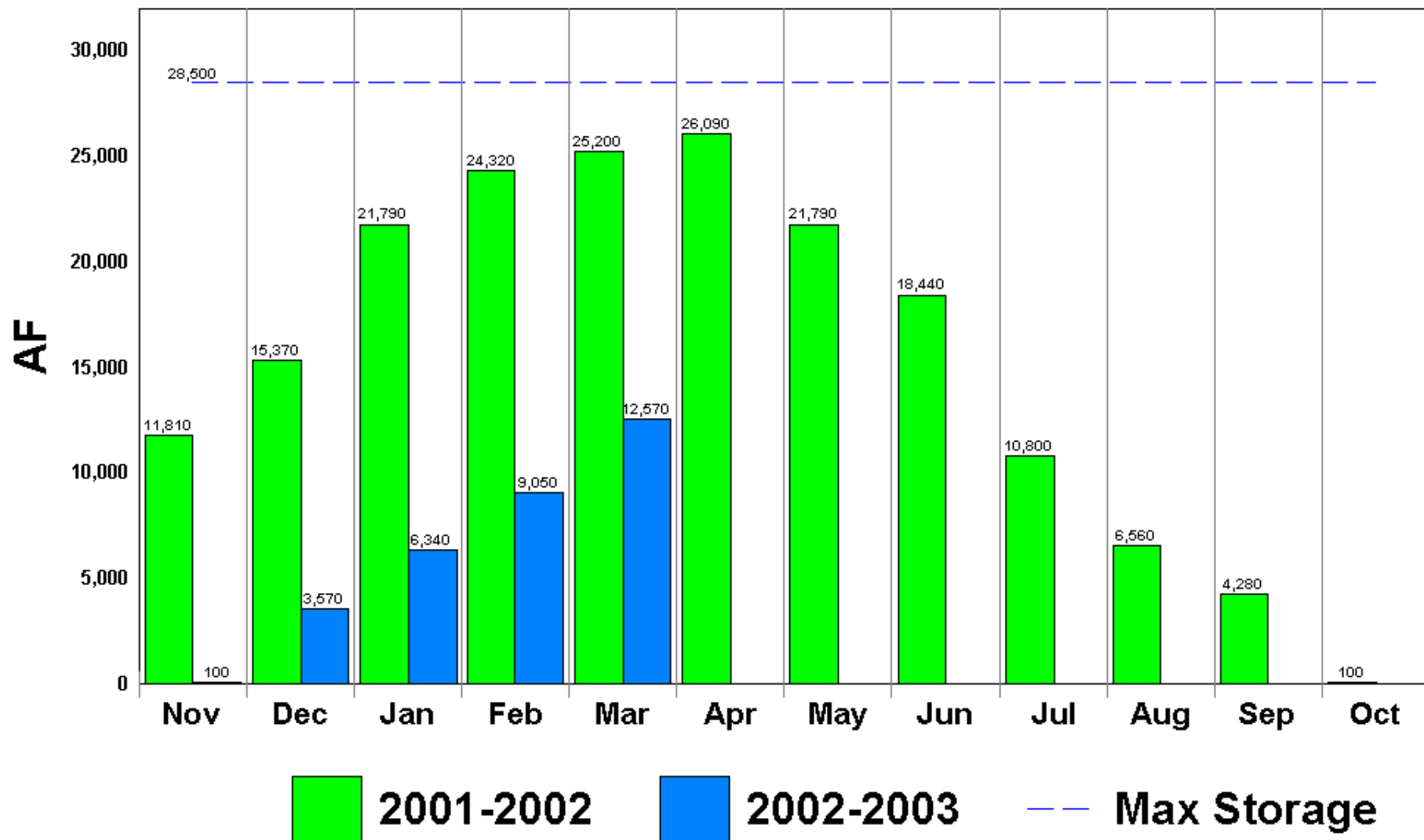
Empire Reservoir

(Agricultural)



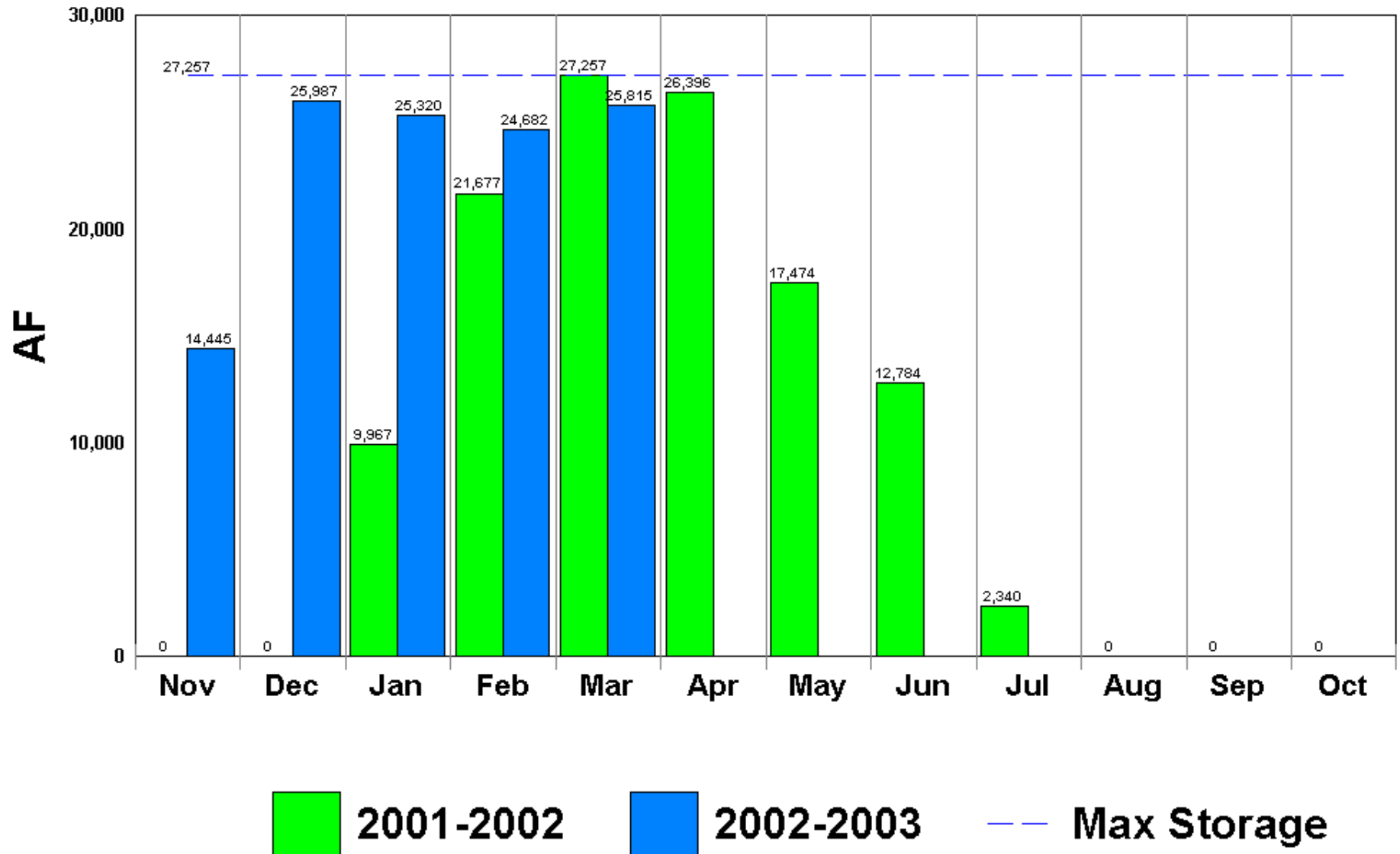
Prewitt Reservoir

(Agricultural)



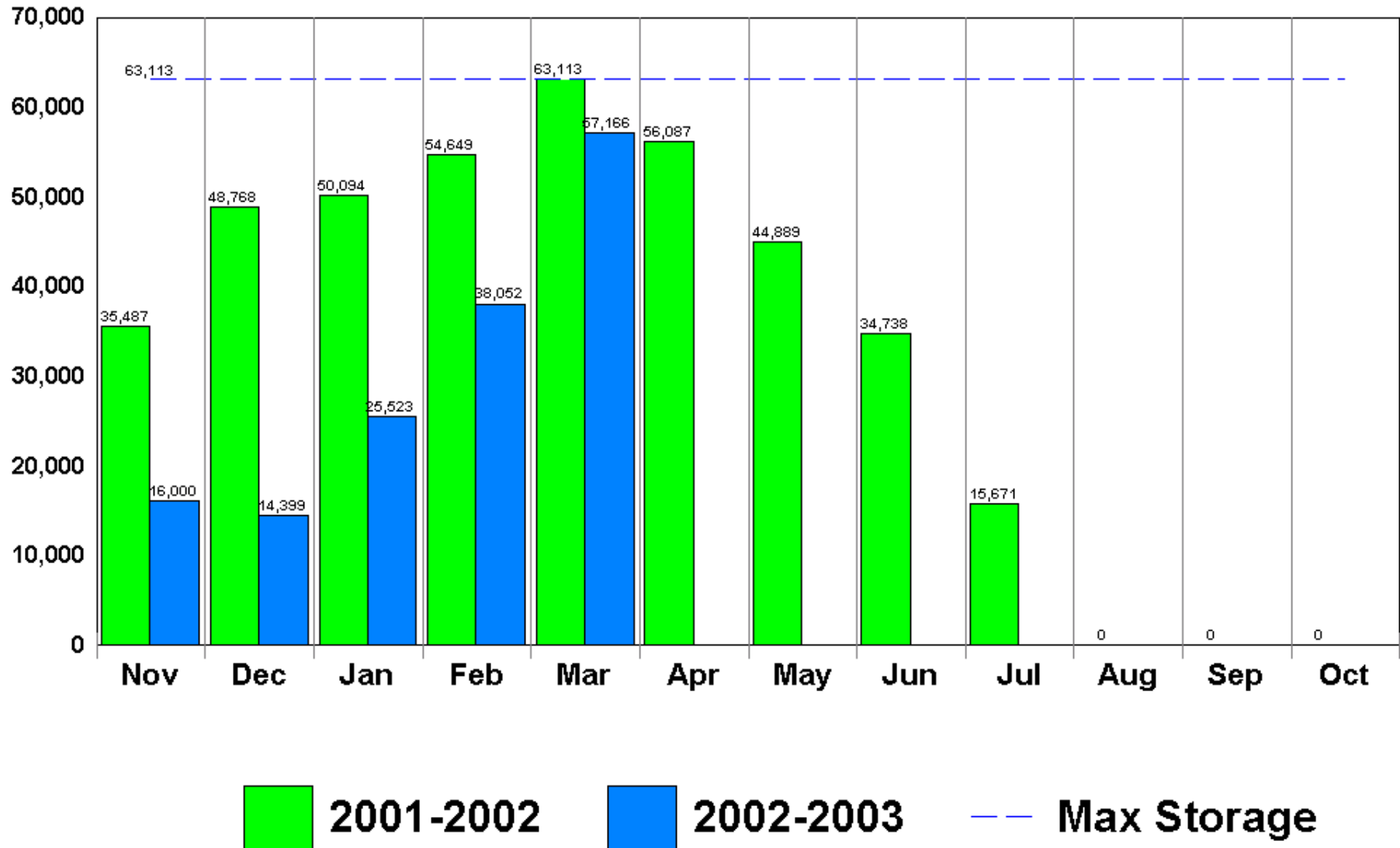
Jackson Reservoir

(Agricultural)



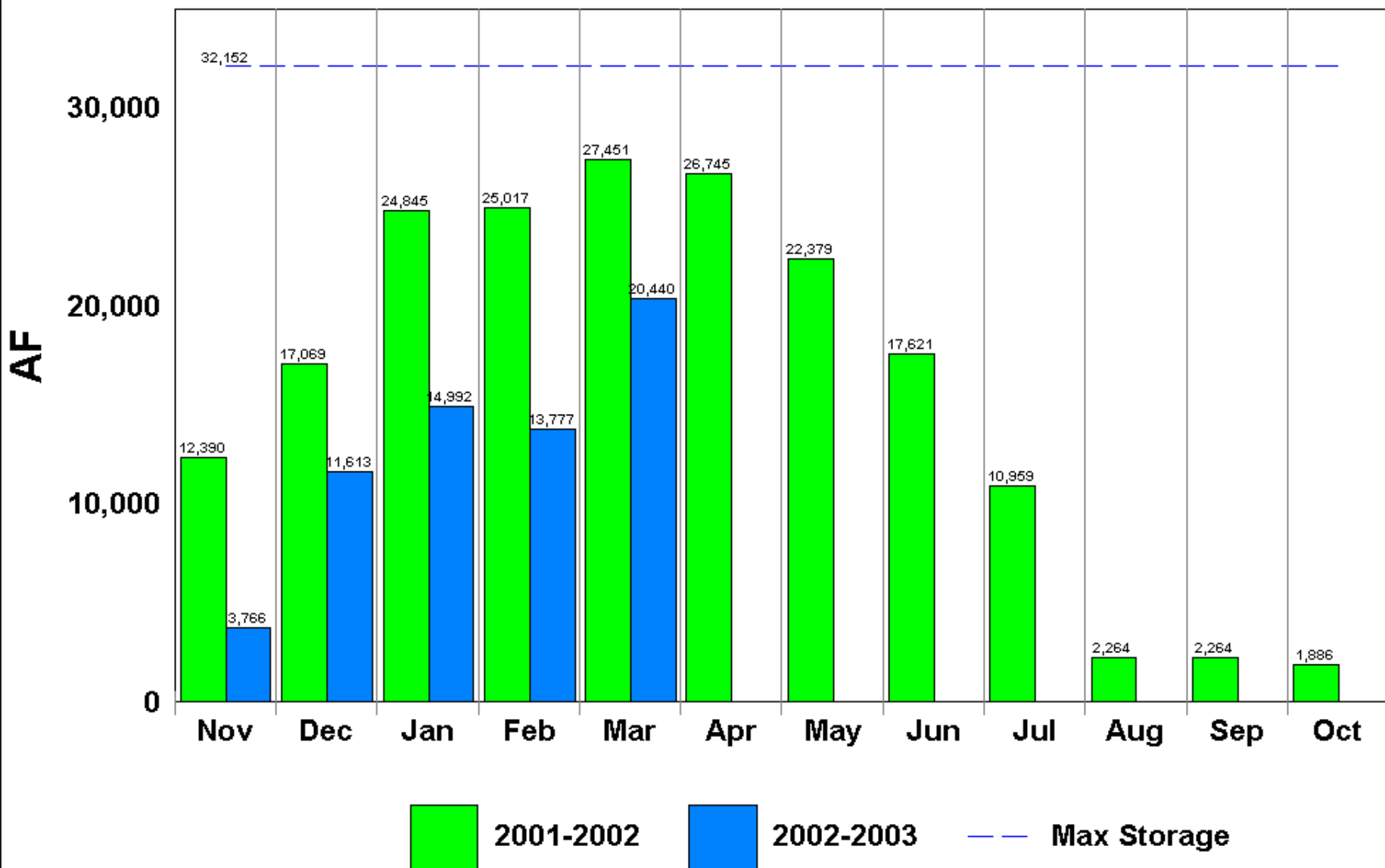
Riverside Reservoir

(Agricultural)



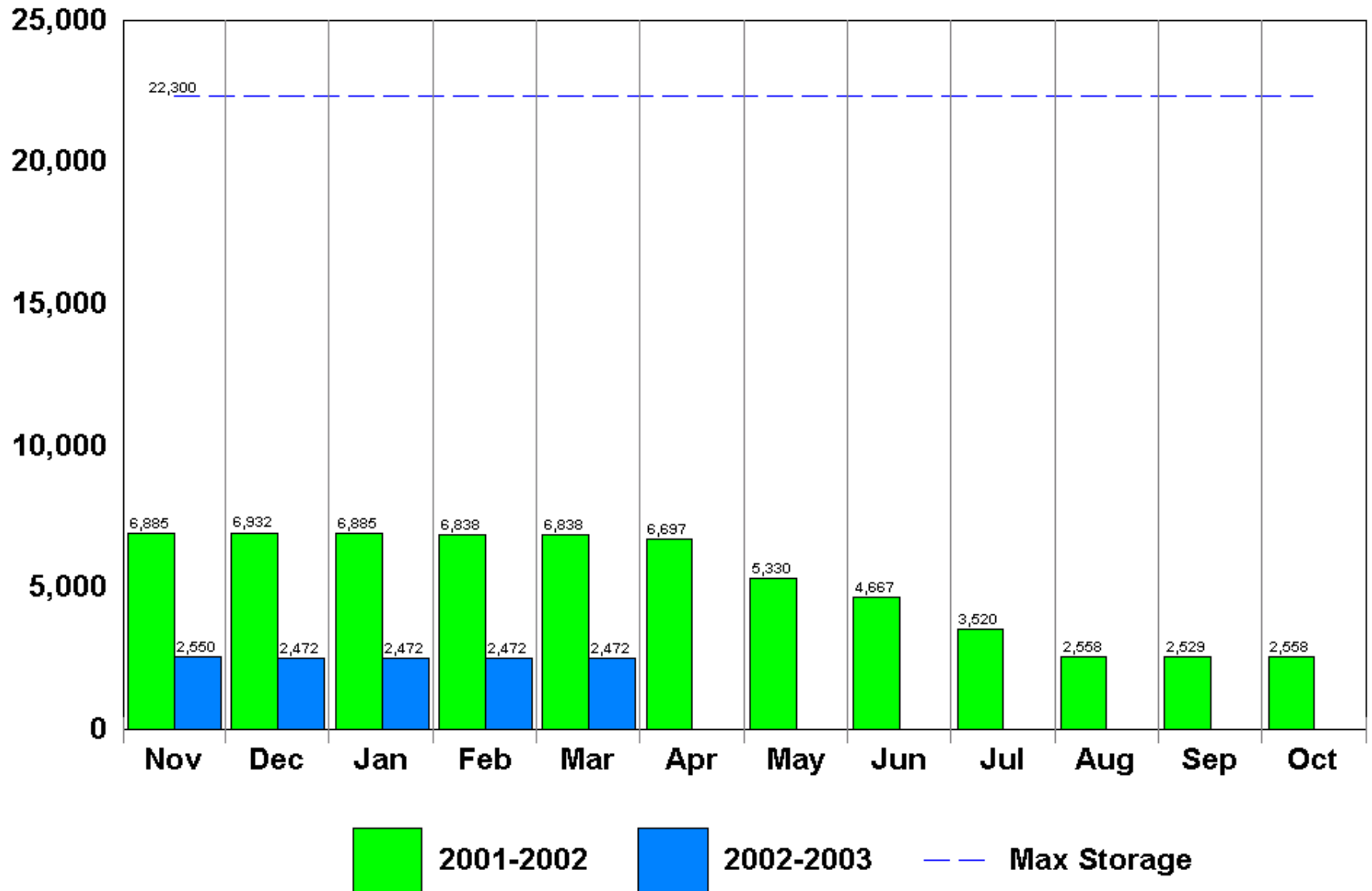
Barr Lake

(Agricultural)



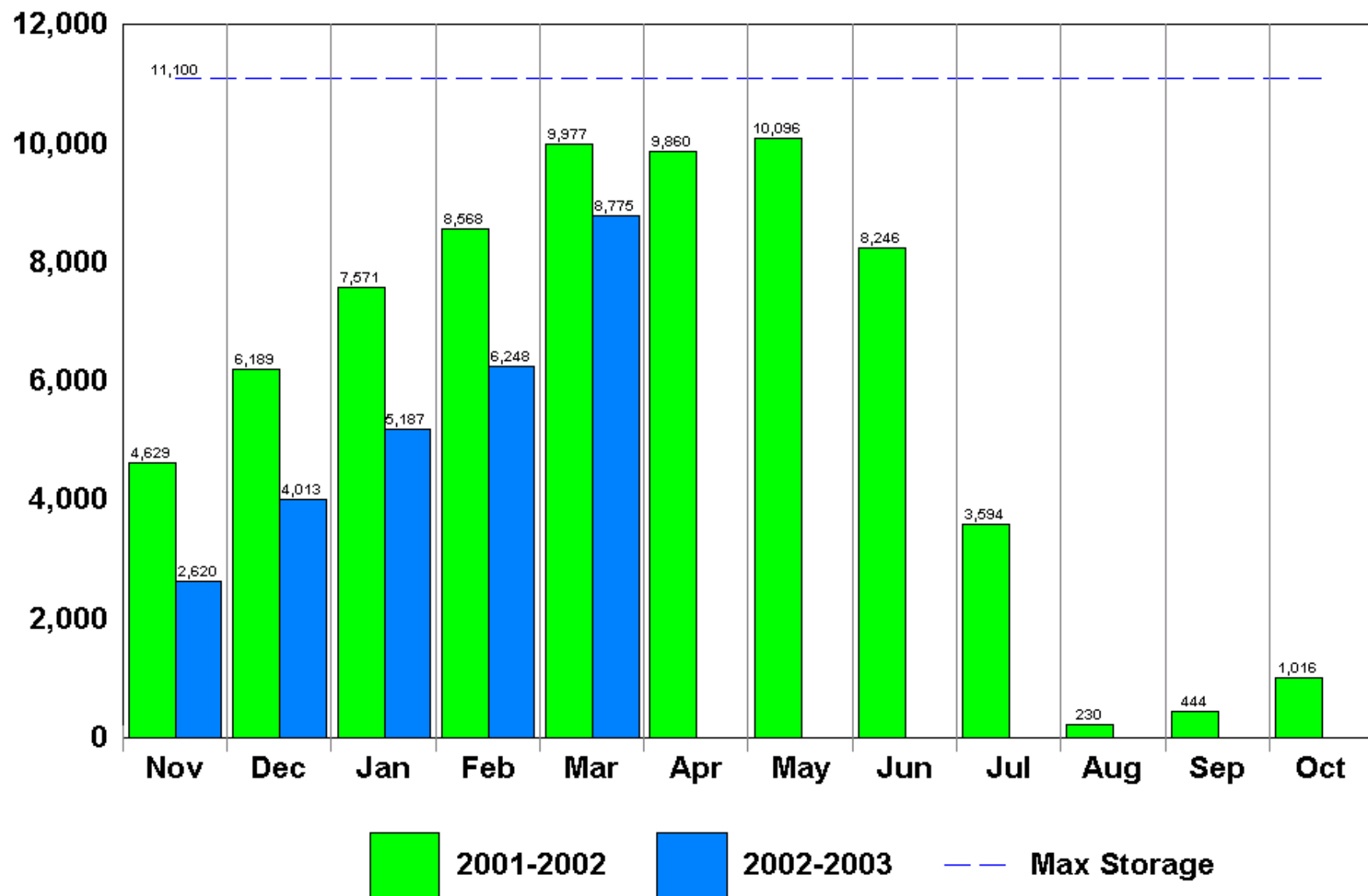
Cobb Lake

(Agricultural)



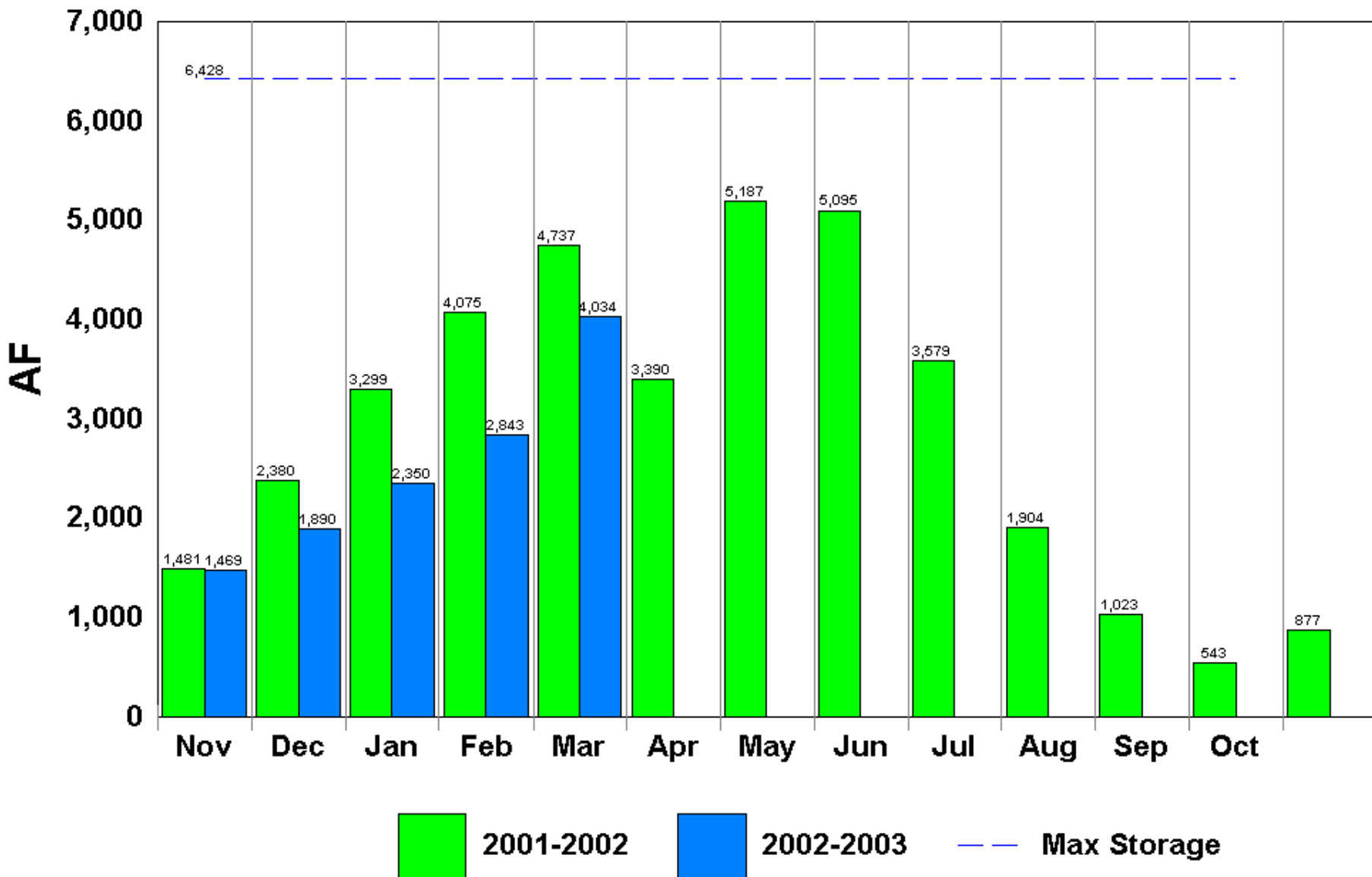
Fossil Creek Reservoir

(Agricultural)



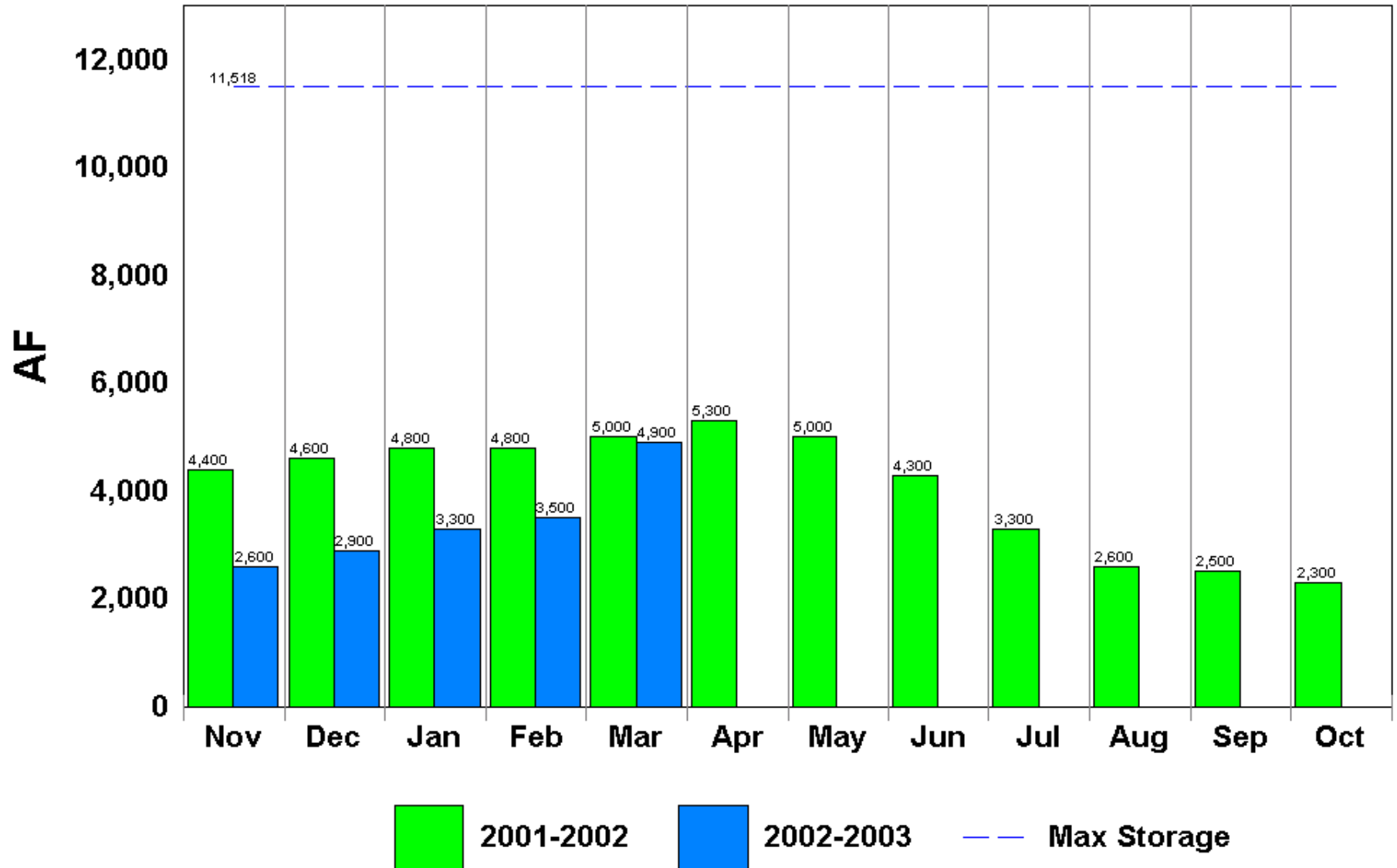
Halligan Reservoir

(Agricultural)



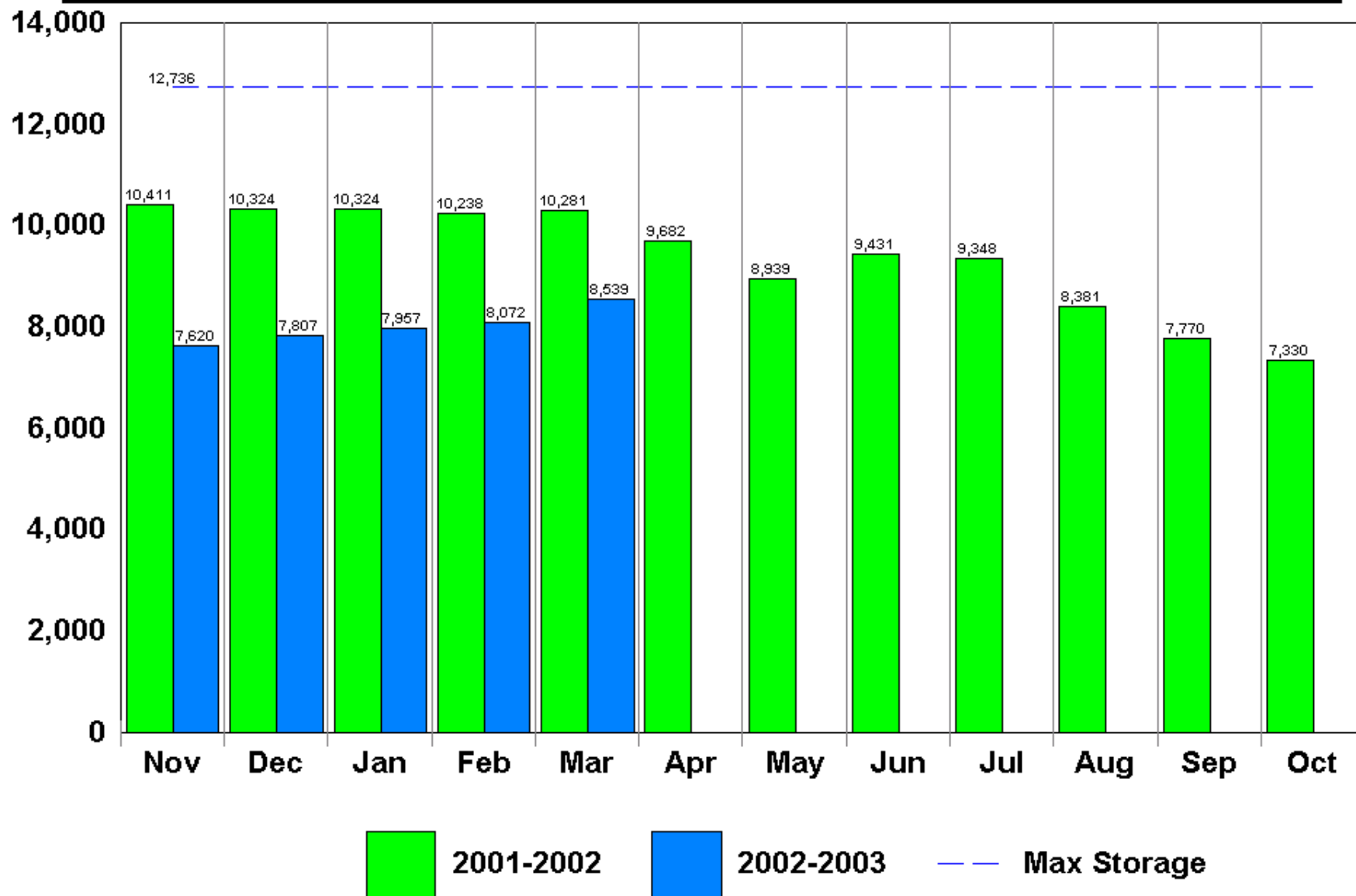
Marshall Lake

(Agricultural)



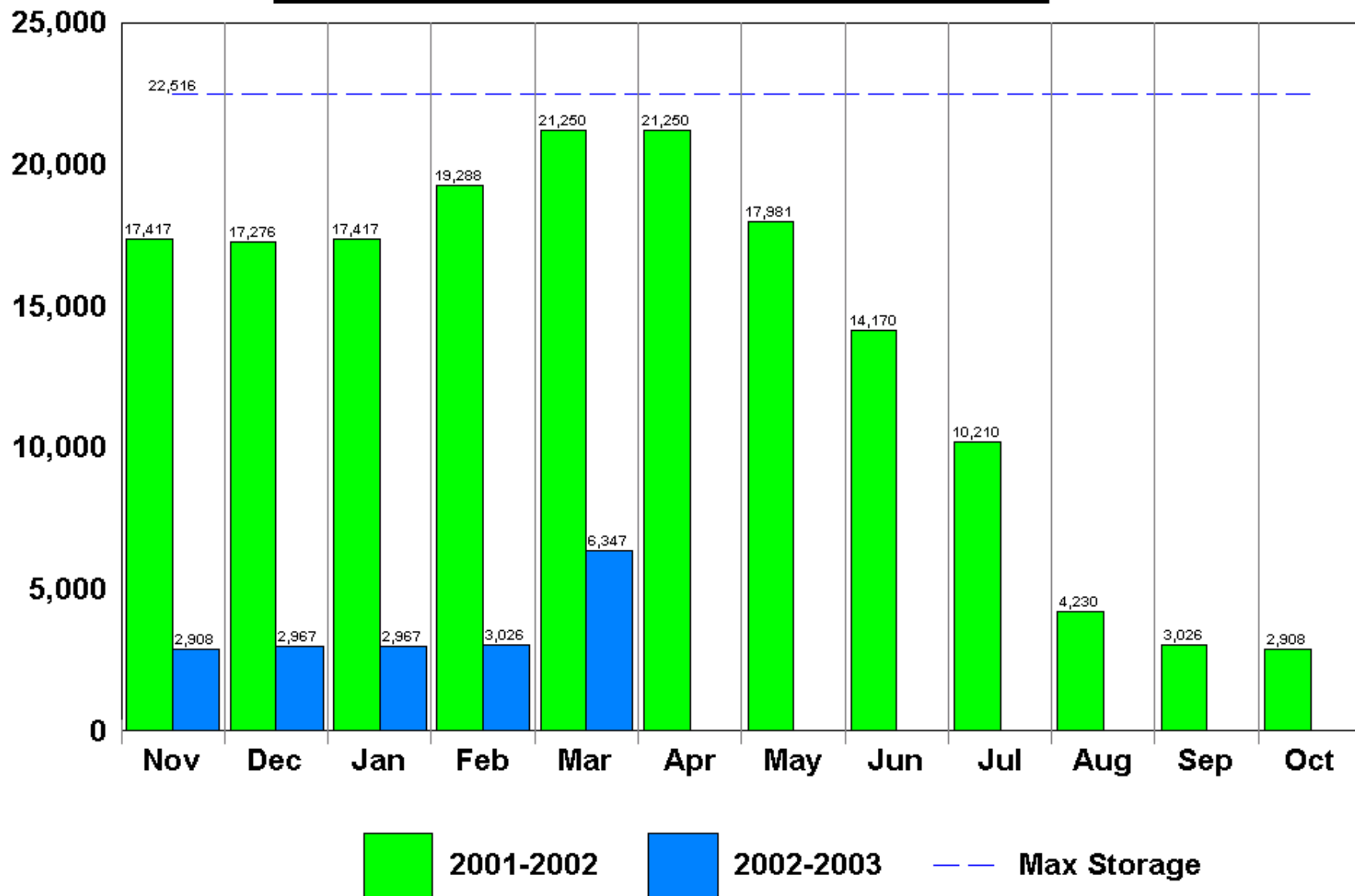
Loveland Greeley Reservoir

(Agricultural)



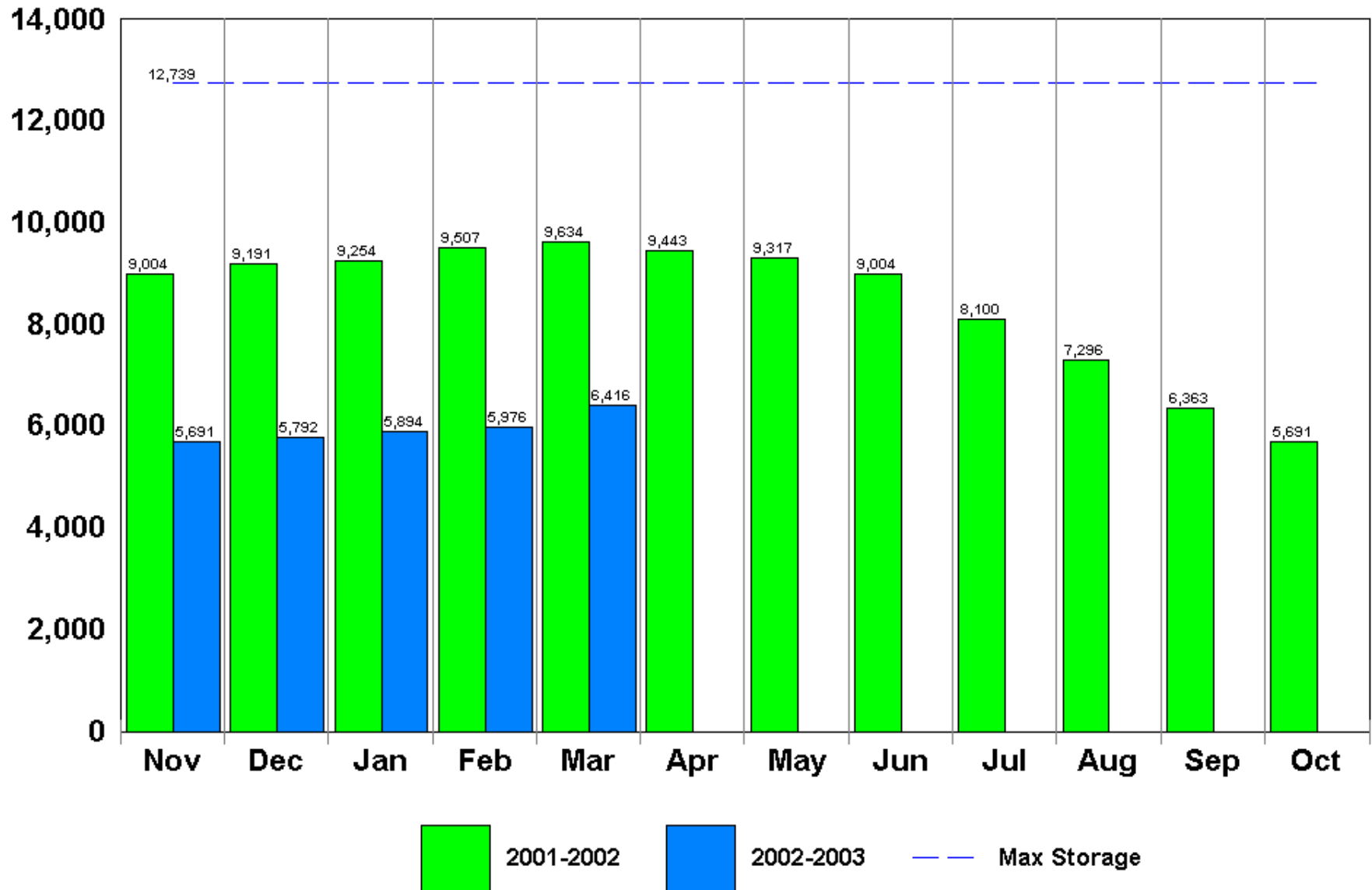
Milton Reservoir

(Agricultural)



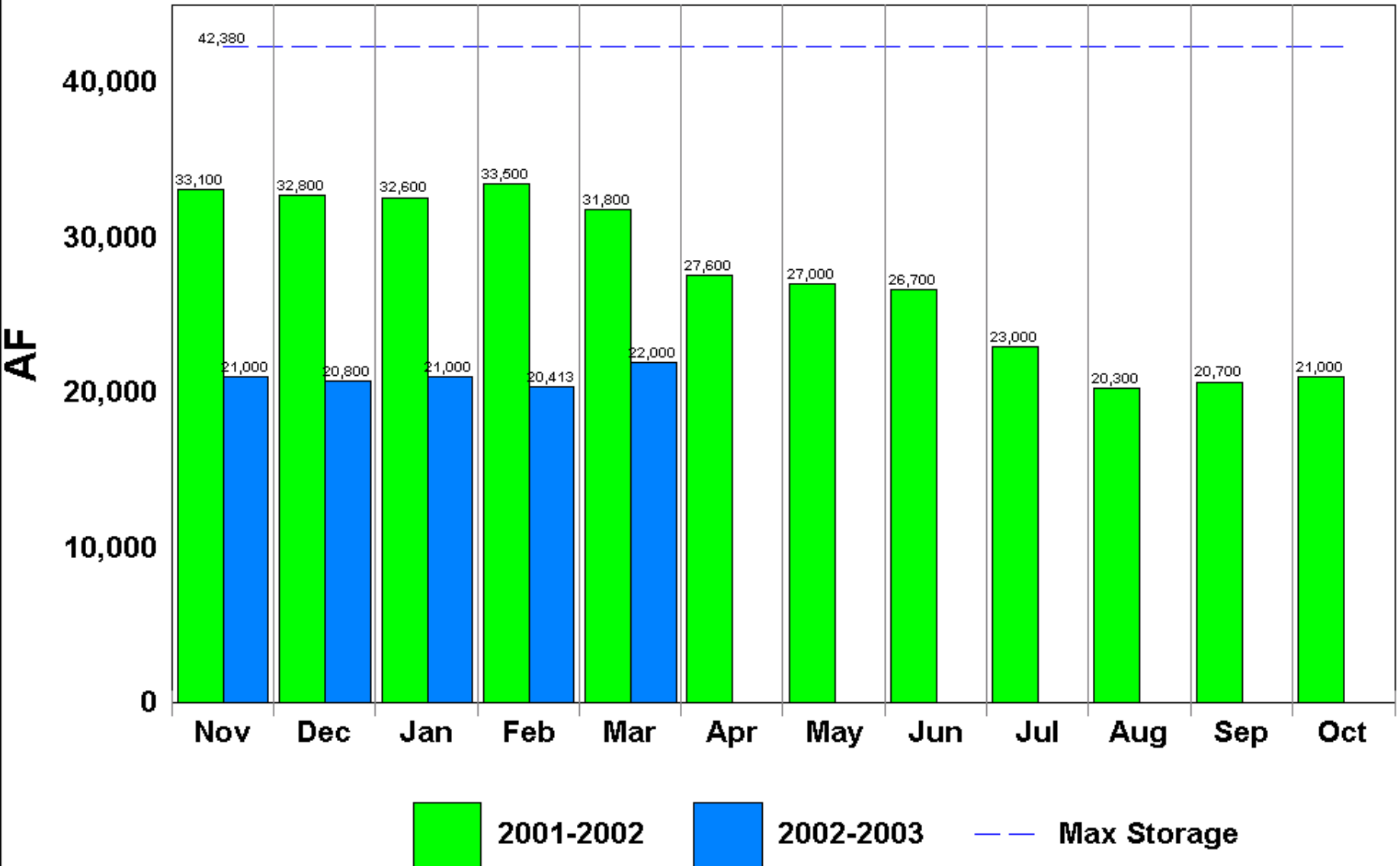
Union Reservoir

(Agricultural)



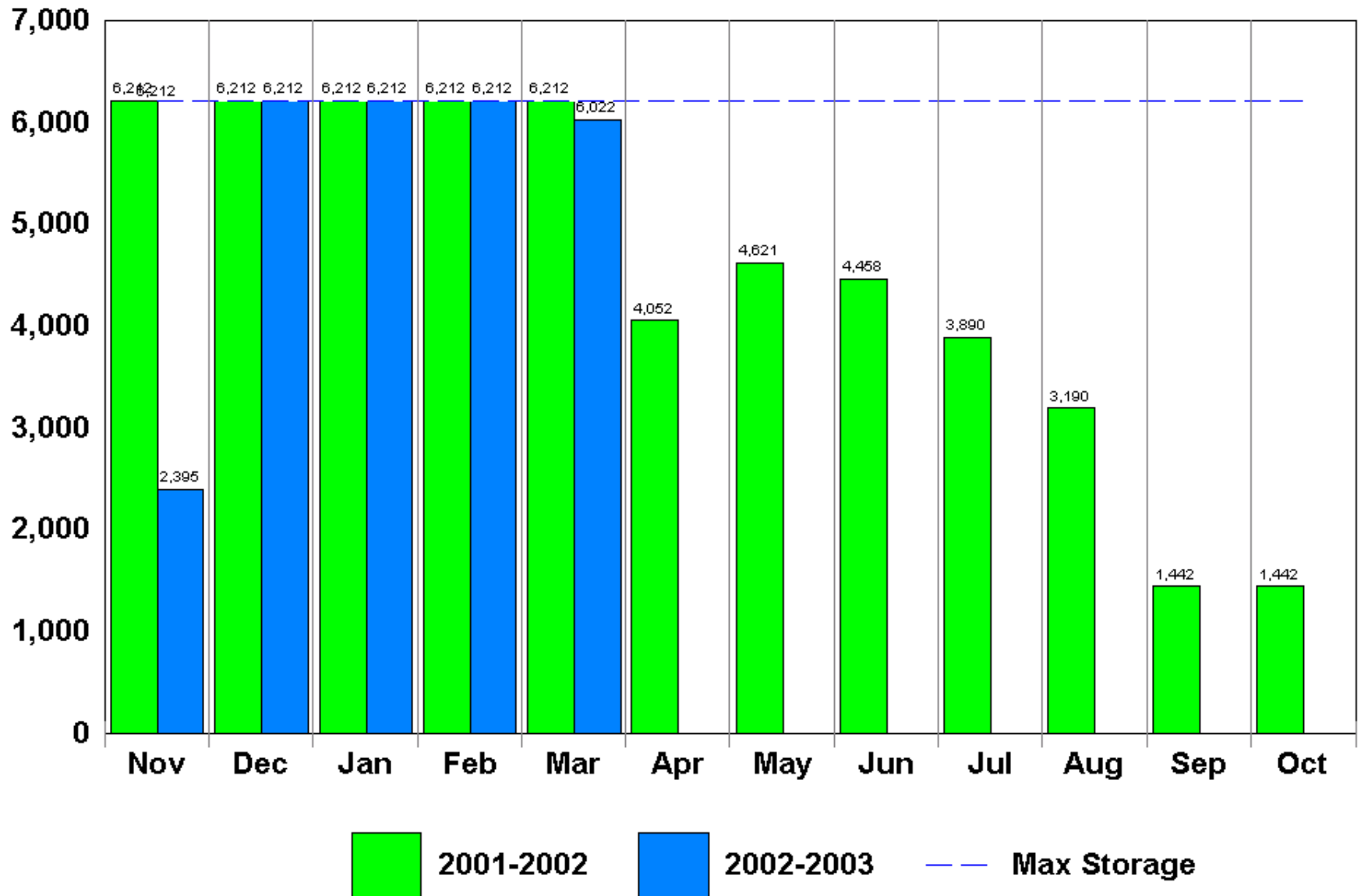
Standley Lake

(Agricultural)



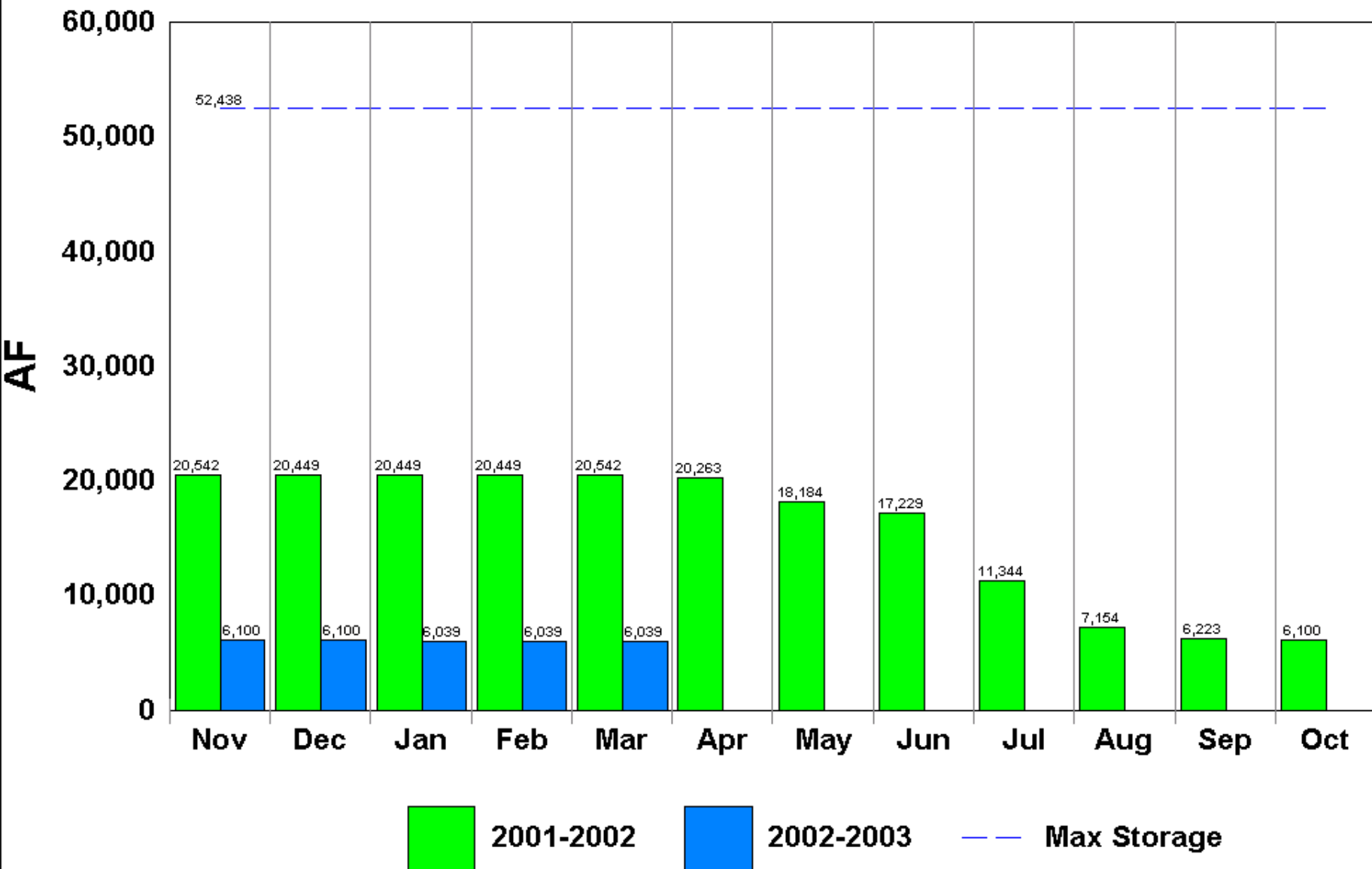
Lower Latham Reservoir

(Agricultural)



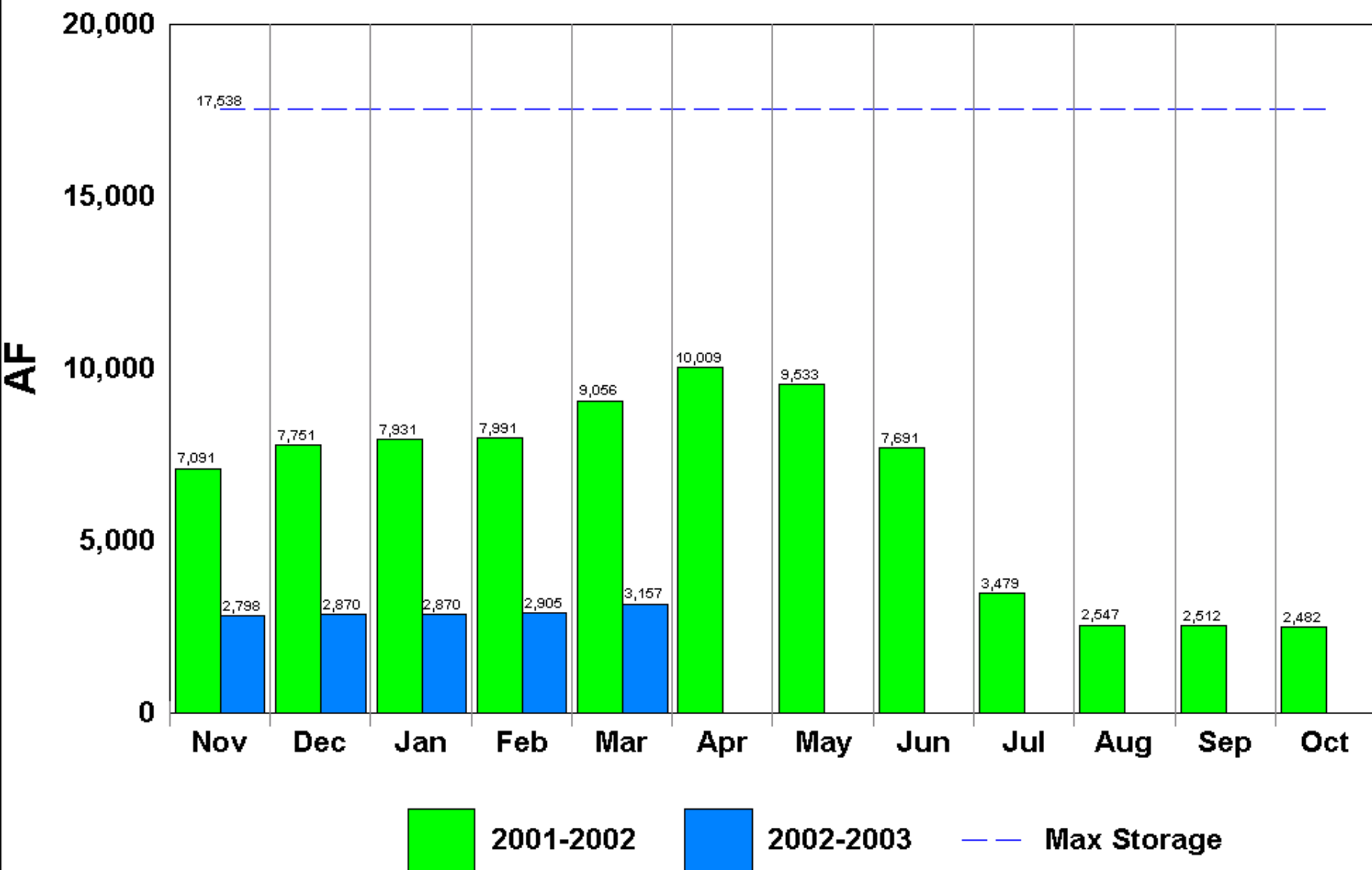
Boyd Lake

(Agricultural)



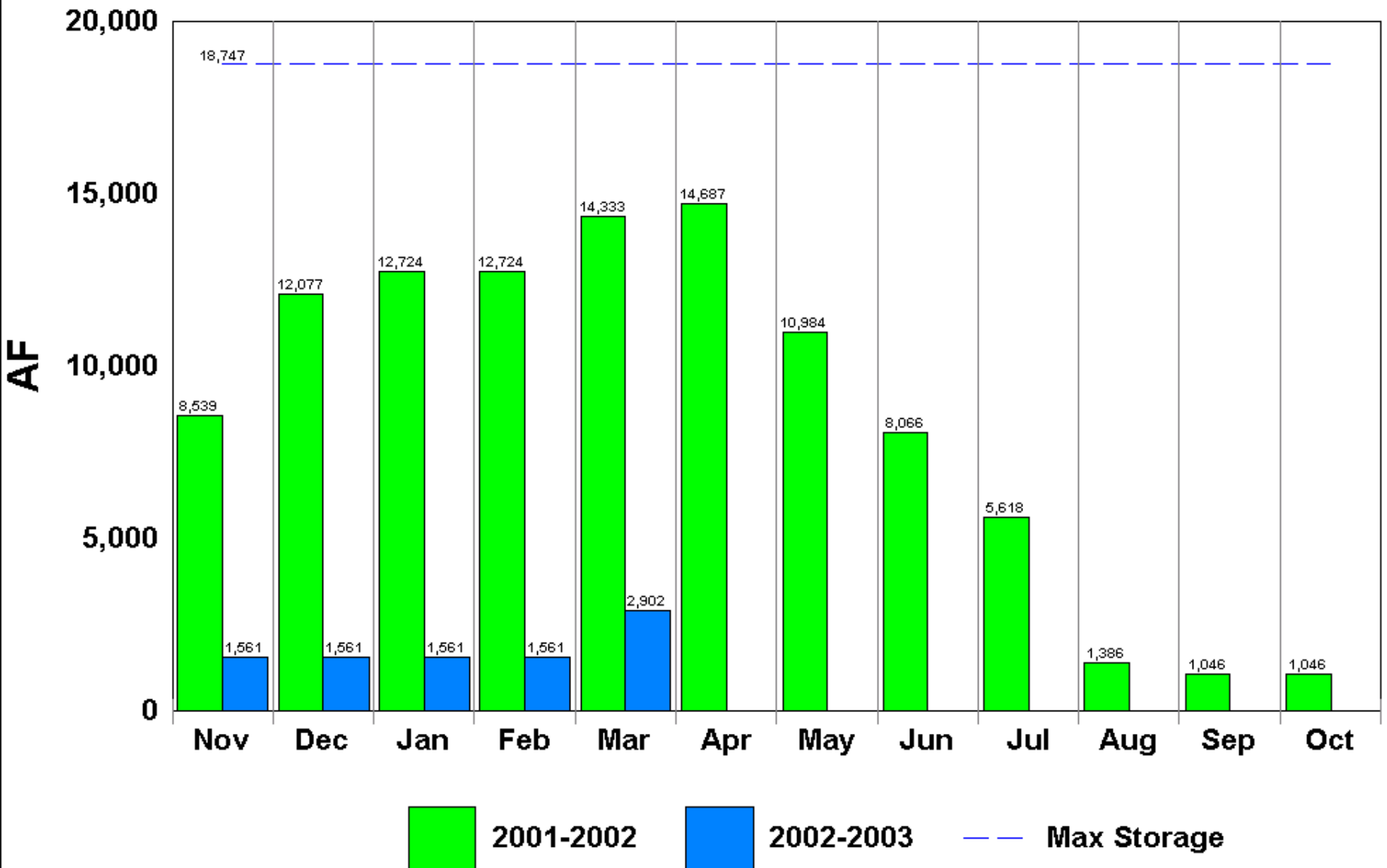
Windsor Reservoir

(Agricultural)



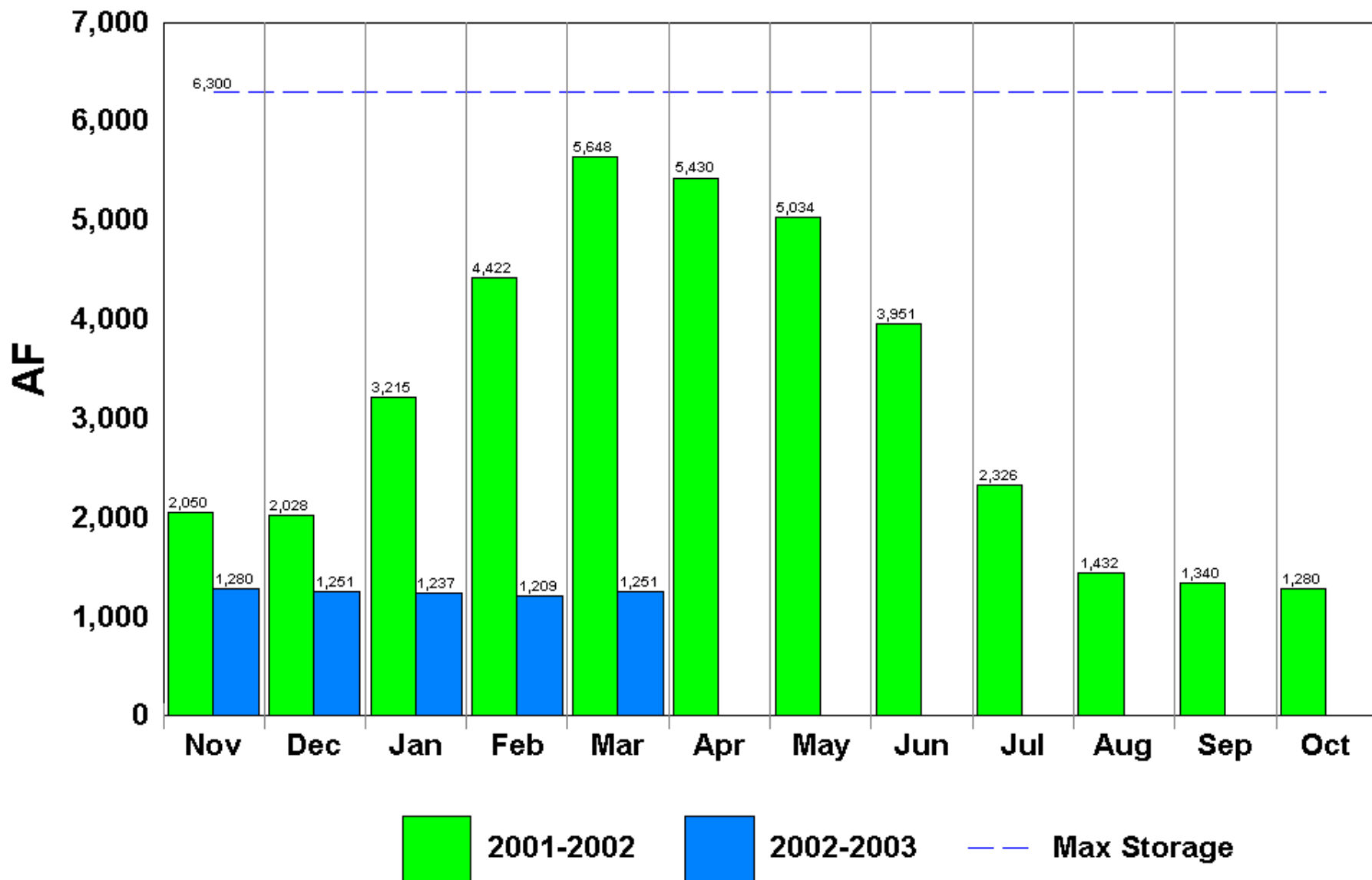
Horse Creek Reservoir

(Agricultural)



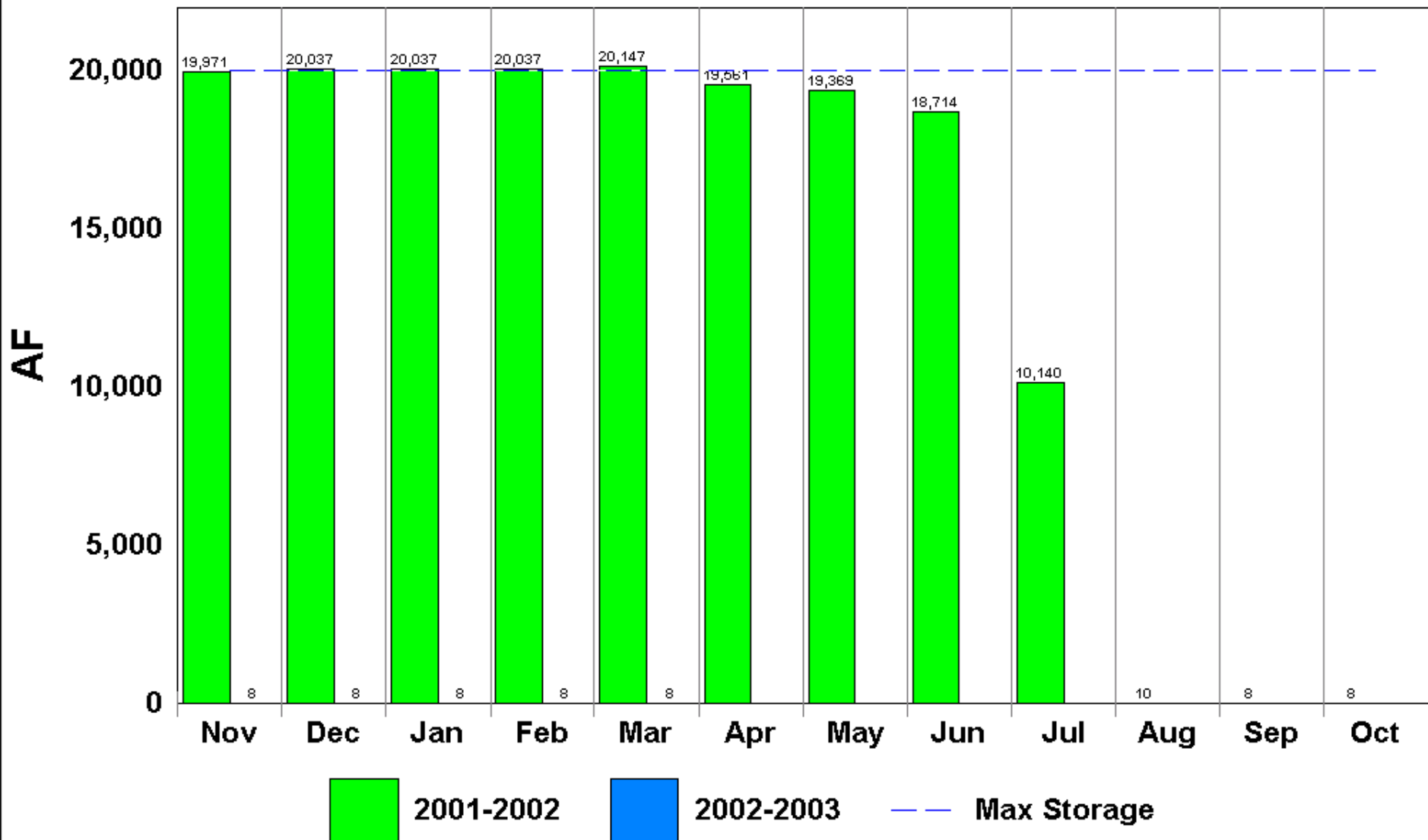
Prospect Reservoir

(Agricultural)



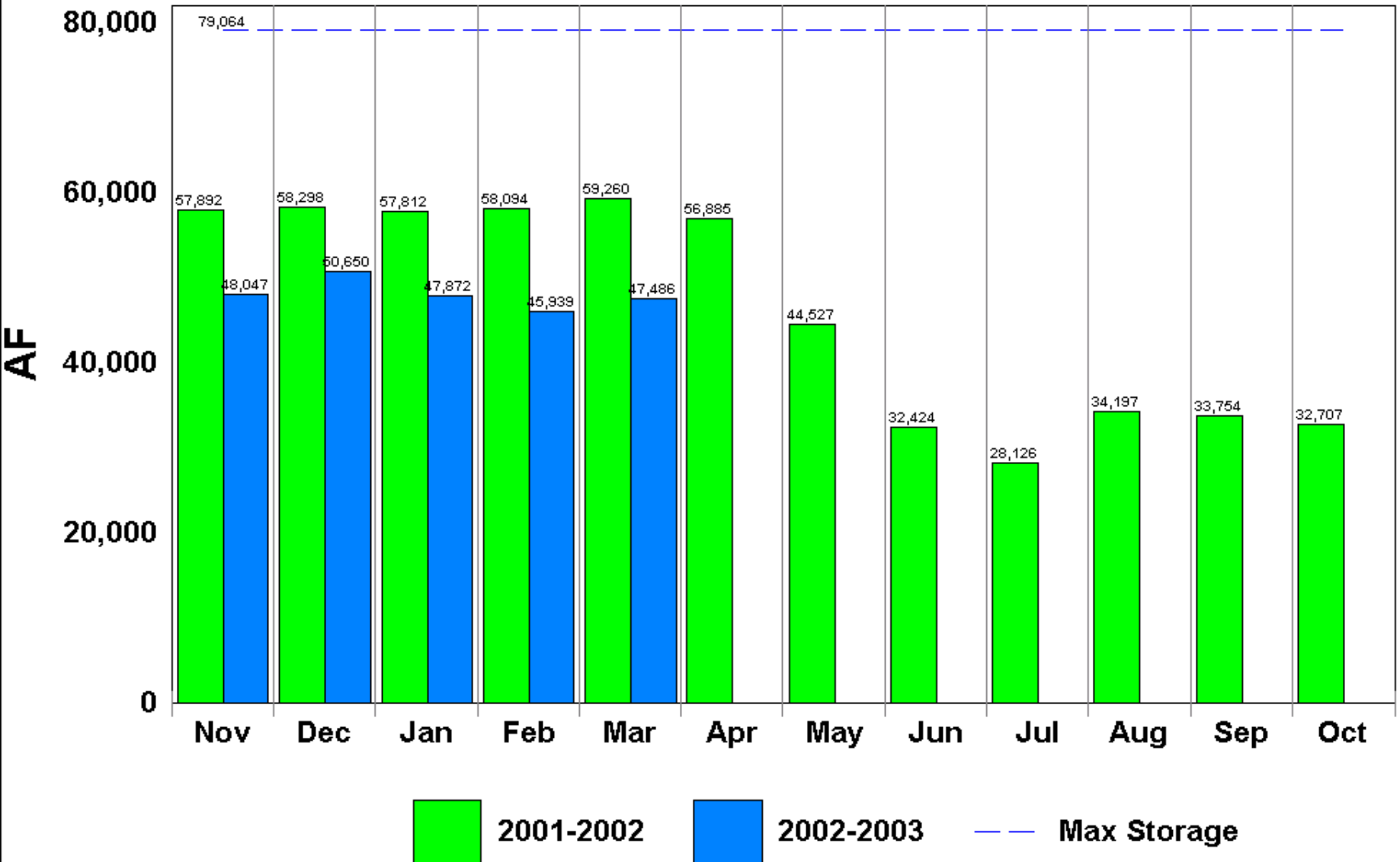
Antero Reservoir

(Municipal)



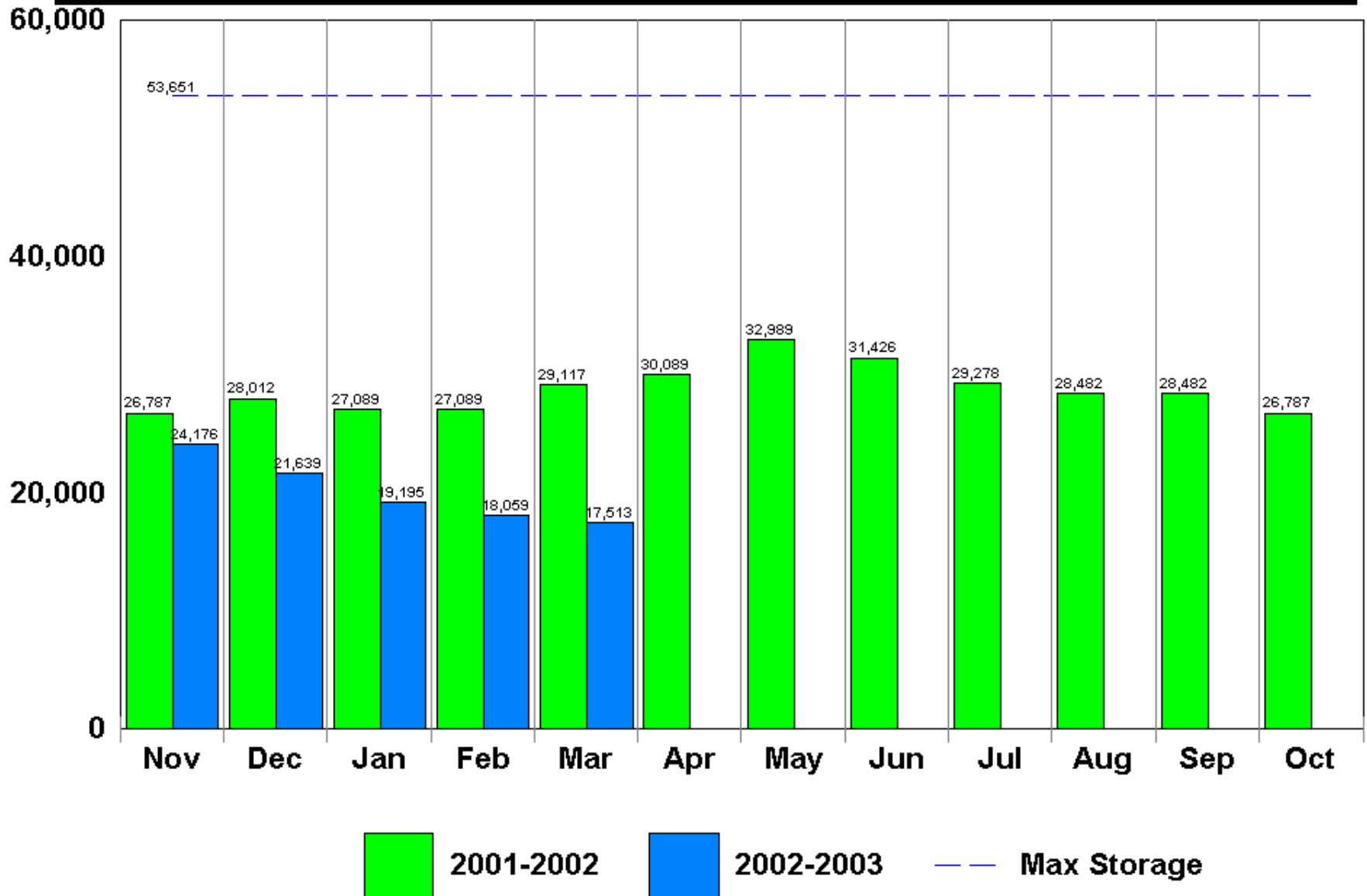
Cheesman Reservoir

(Municipal)



Spinney Mountain Reservoir

(Municipal)



All data is preliminary
and collected by the
Division One Staff.