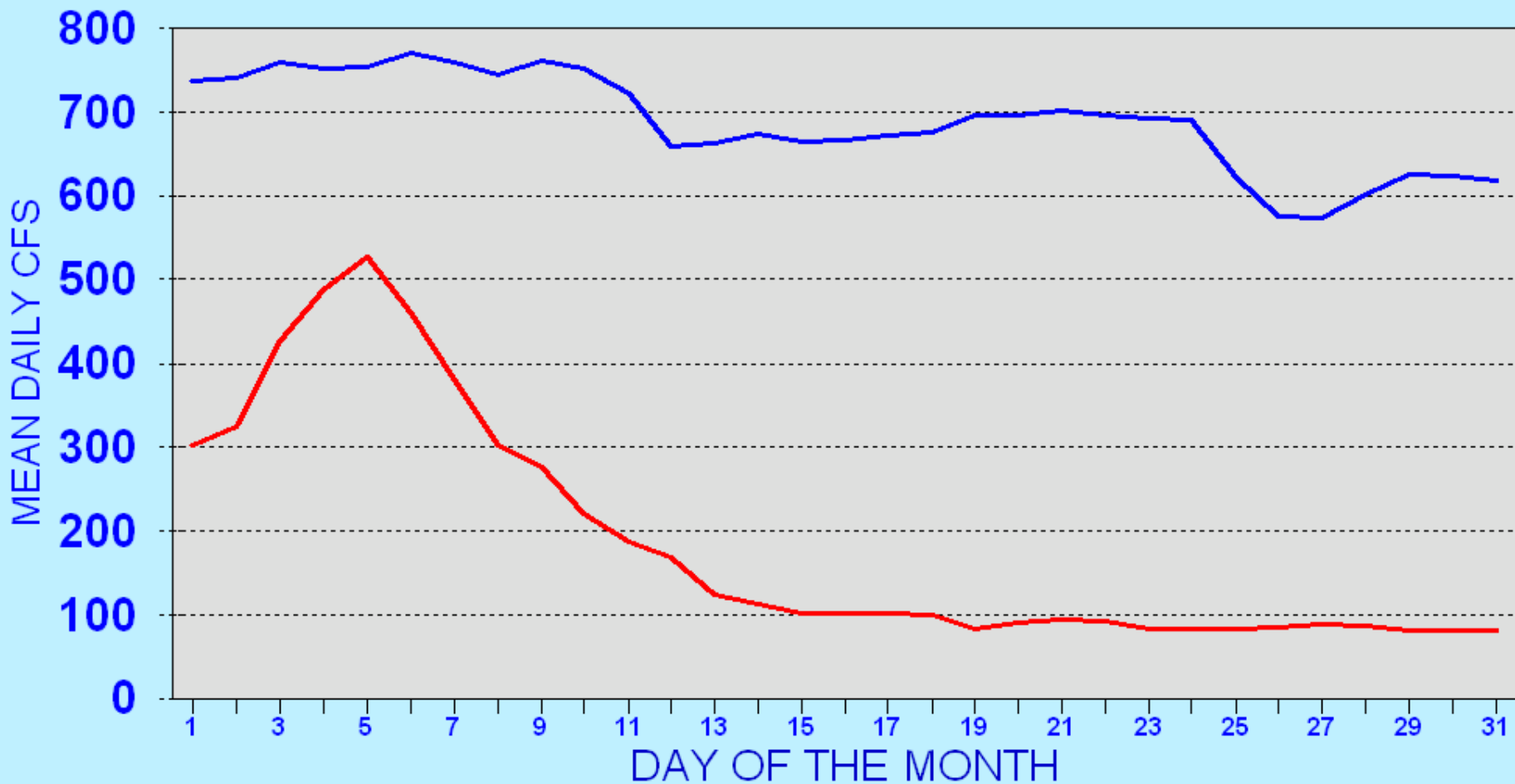


South Platte River Summary

December 2002

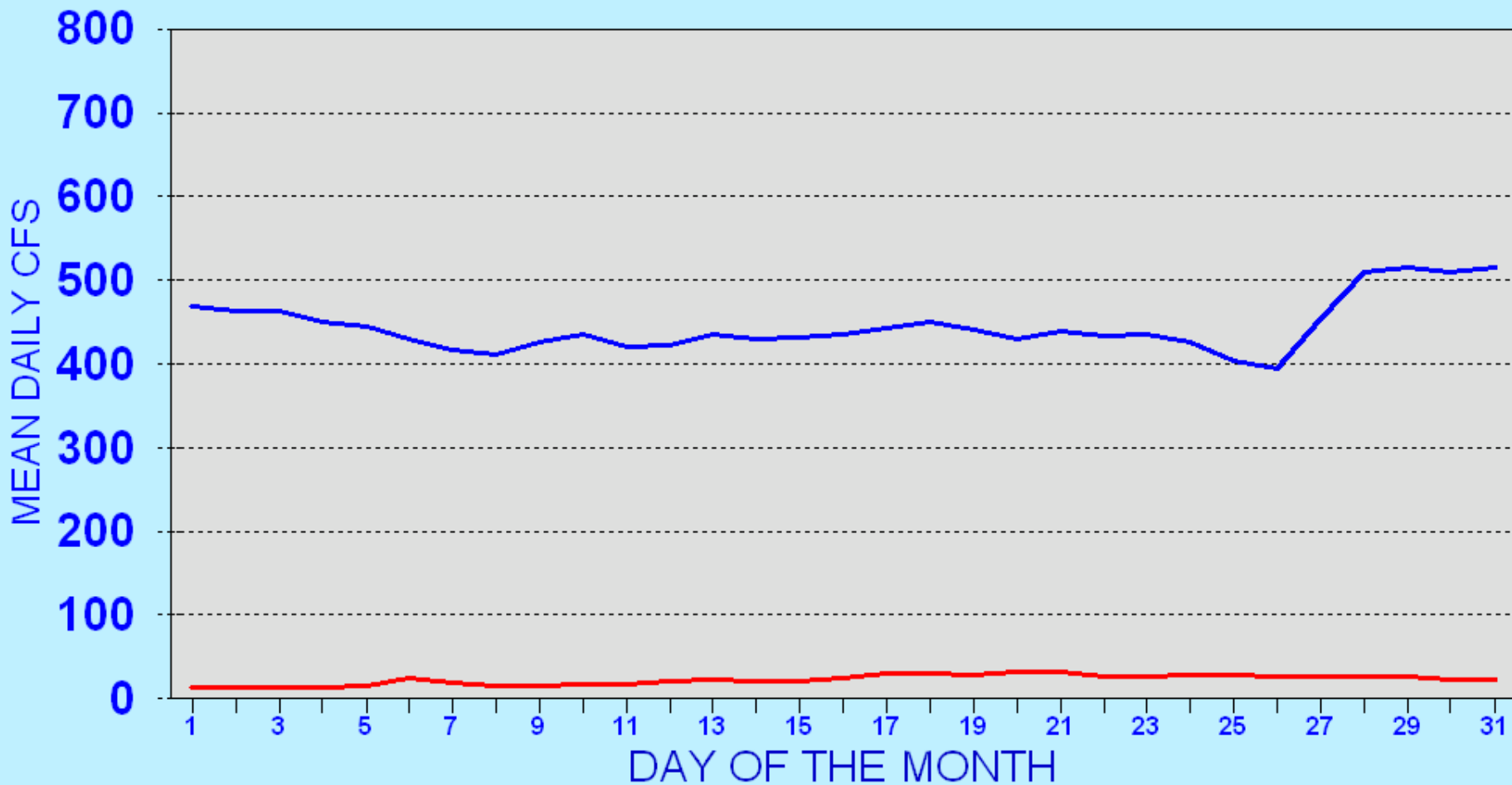
SOUTH PLATTE RIVER DECEMBER 2001



— KERSEY

— JULESBURG

SOUTH PLATTE RIVER DECEMBER 2002



— KERSEY

— JULESBURG

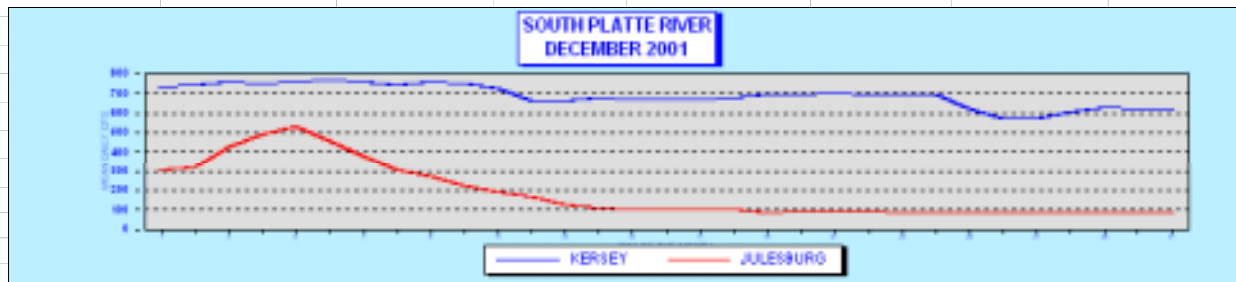
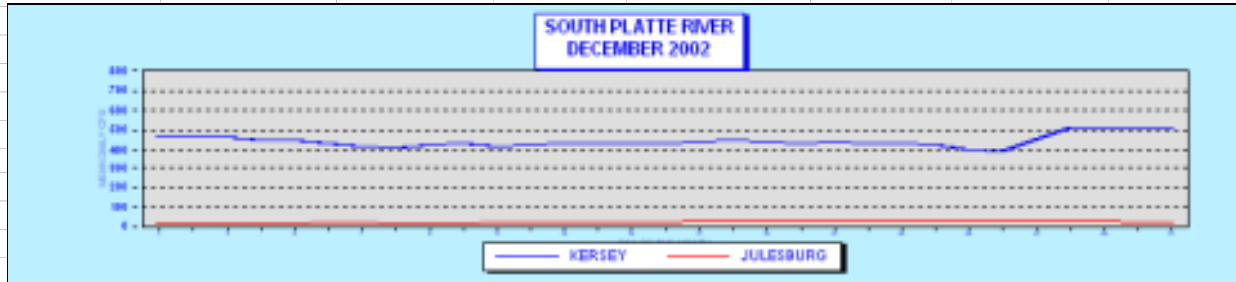
COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF DECEMBER 2002

07-Jan

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	16,250	18,690	64	2,440	15%	82%	81%	0
NORTH STERLING	73,730	11,100	17,680	64	6,580	59%	24%	58%	0
PREWITT	28,500	100	3,570	64	3,470	3470%	13%	54%	0
								0%	
JACKSON	27,257	14,445	25,751	1	11,306	78%	94%	0%	0
EMPIRE	37,700	4,170	10,710	1	6,540	157%	28%	64%	0
RIVERSIDE	63,113	16,000	15,863	1	(137)	-1%	25%	77%	0
								0%	
BARR LAKE	31,652	3,766	11,613	2	7,847	208%	37%	54%	0
								0%	
CHEESMAN	79,064	48,047	50,650	80	2,603	5%	64%	74%	0
ELEVEN MILE	97,779	50,096	44,472	23	(5,624)	-11%	45%	100%	0
SPINNEY	53,651	24,176	21,639	23	(2,537)	-10%	40%	52%	0
ANTERO	20,015	8	8	23	0	0%	0%	100%	0

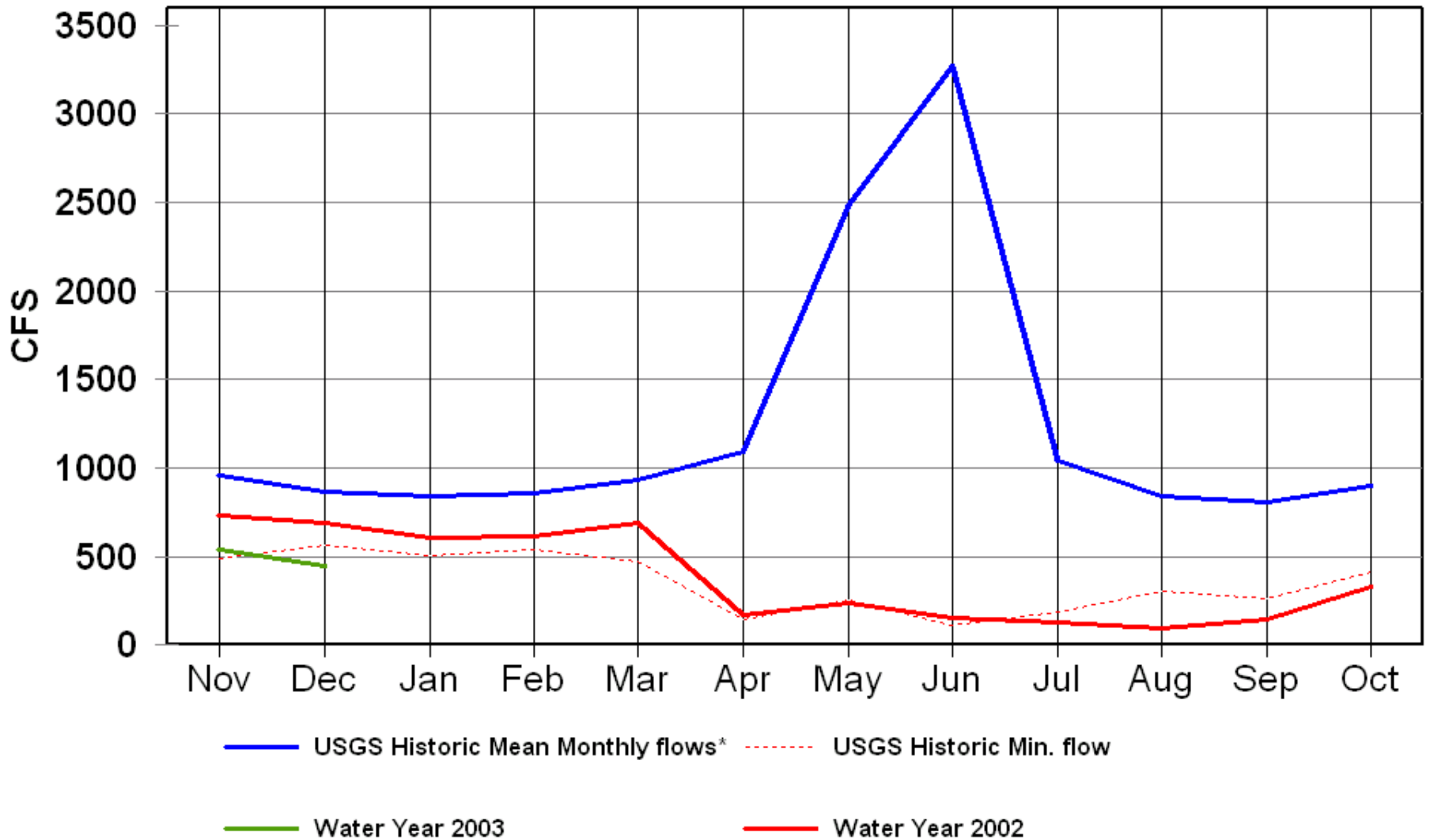
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	445
JULESBURG	23
THIS MONTH LAST YEAR	
KERSEY	689
JULESBURG	188
MEAN FOR PERIOD OF RECORD*	
KERSEY	863
JULESBURG	420



* 1976-2001

1902-2001

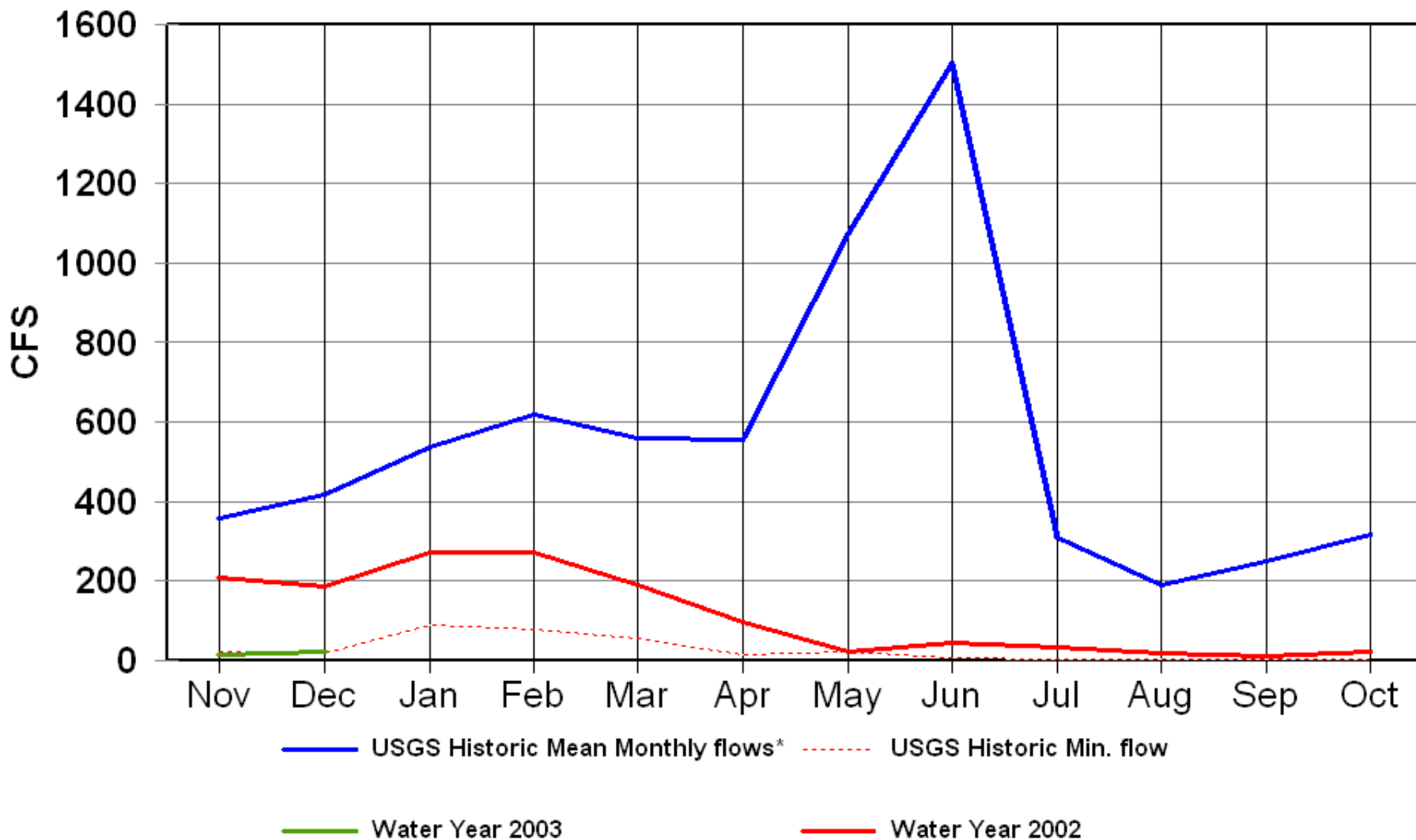
South Platte River at Kersey IY 2003



*1976-2001 record period

Note: 2002 flows have not been included in the historic min. flow record which will be published in May of 2003. Several low records were broken in 2002.

South Platte River at Julesburg IY 2003



*1902-2001 record period

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			Jan	538	1571	1998	89.9	1965		
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		

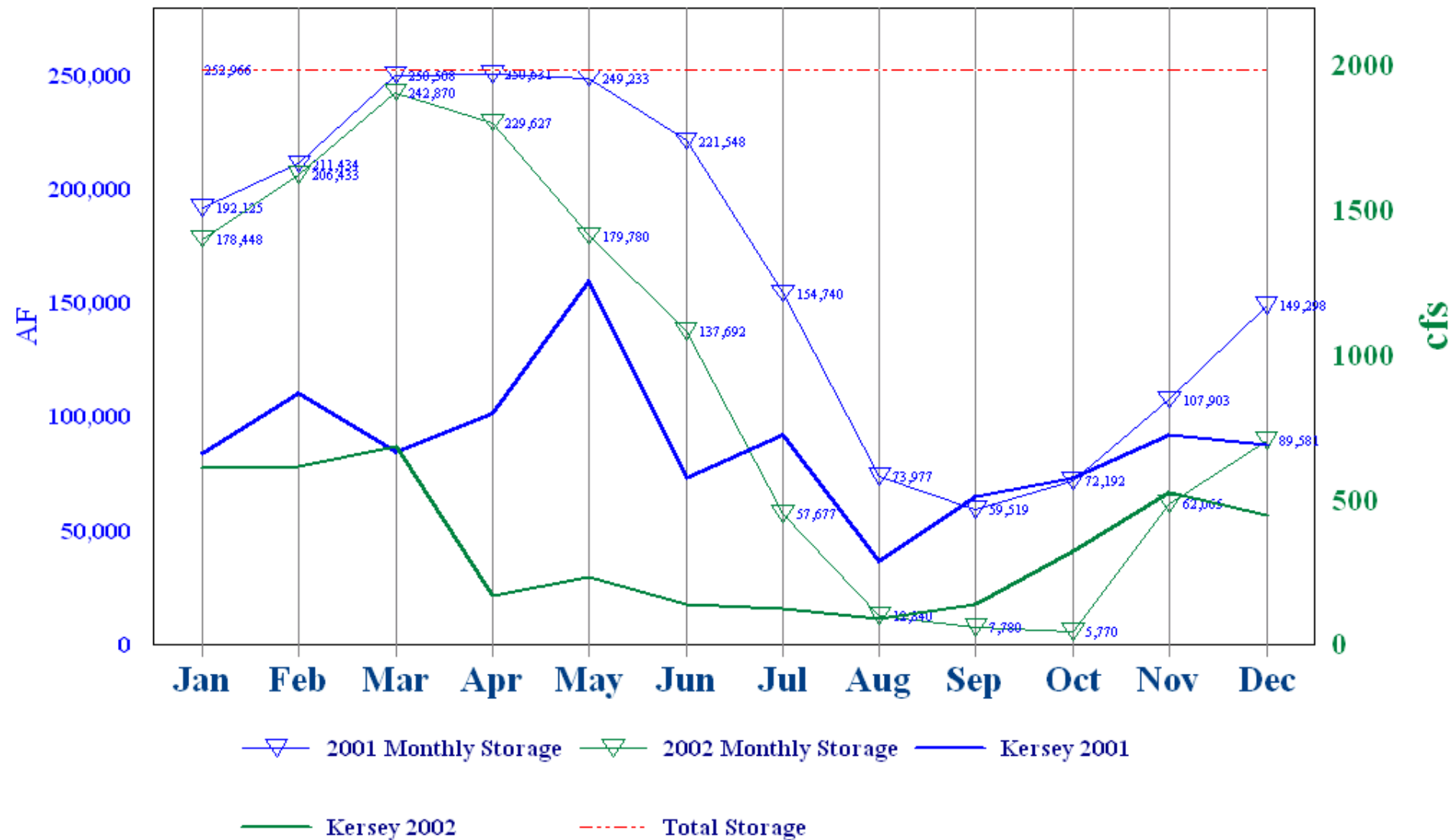
*Period of record 1976-2001

*Period of record 1902-2001

Preliminary data indicates a record low mean monthly low flow at Kersey for December.

Reservoir Storage below Kersey

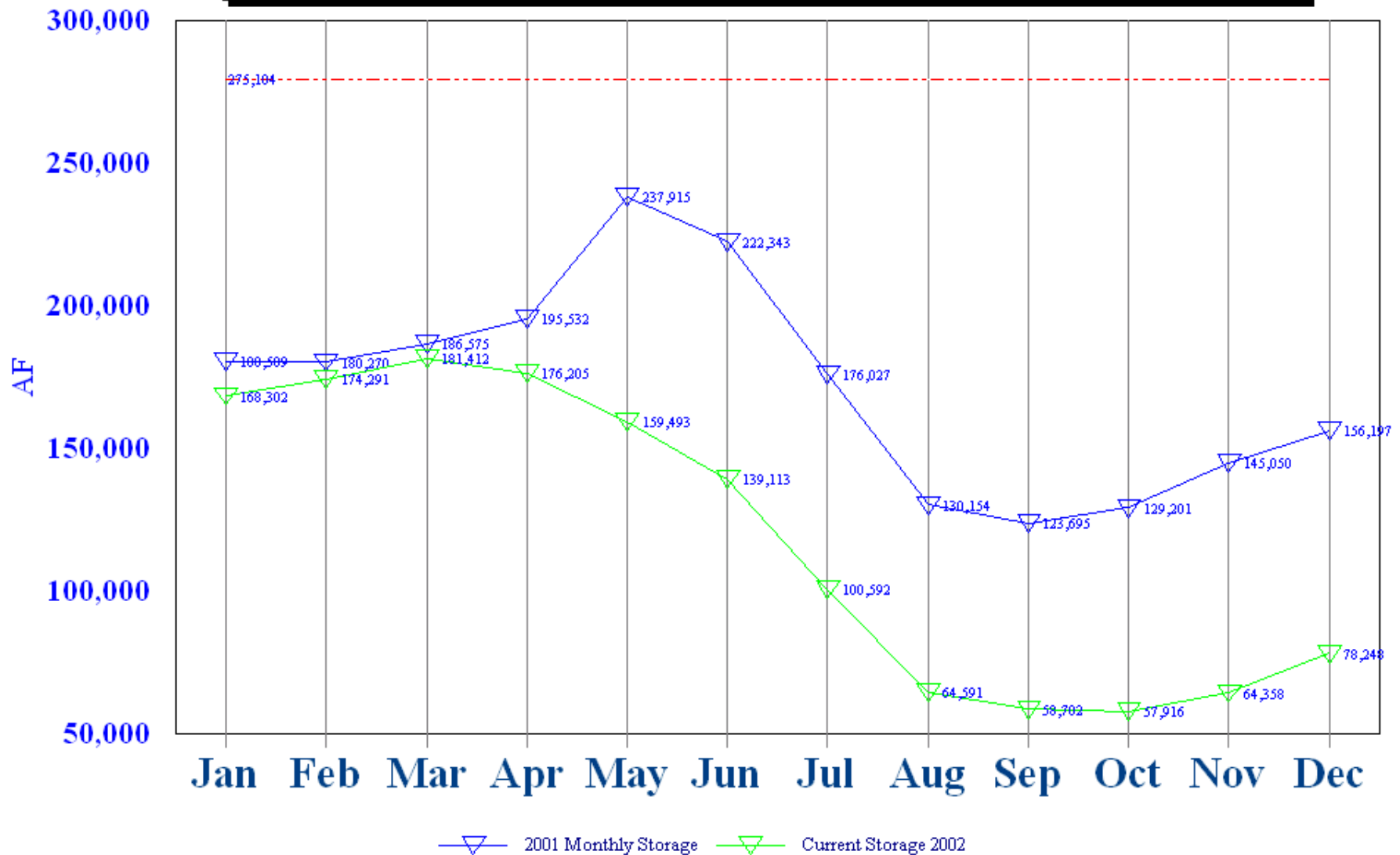
Selected Reservoirs*



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

Reservoir Storage above Kersey

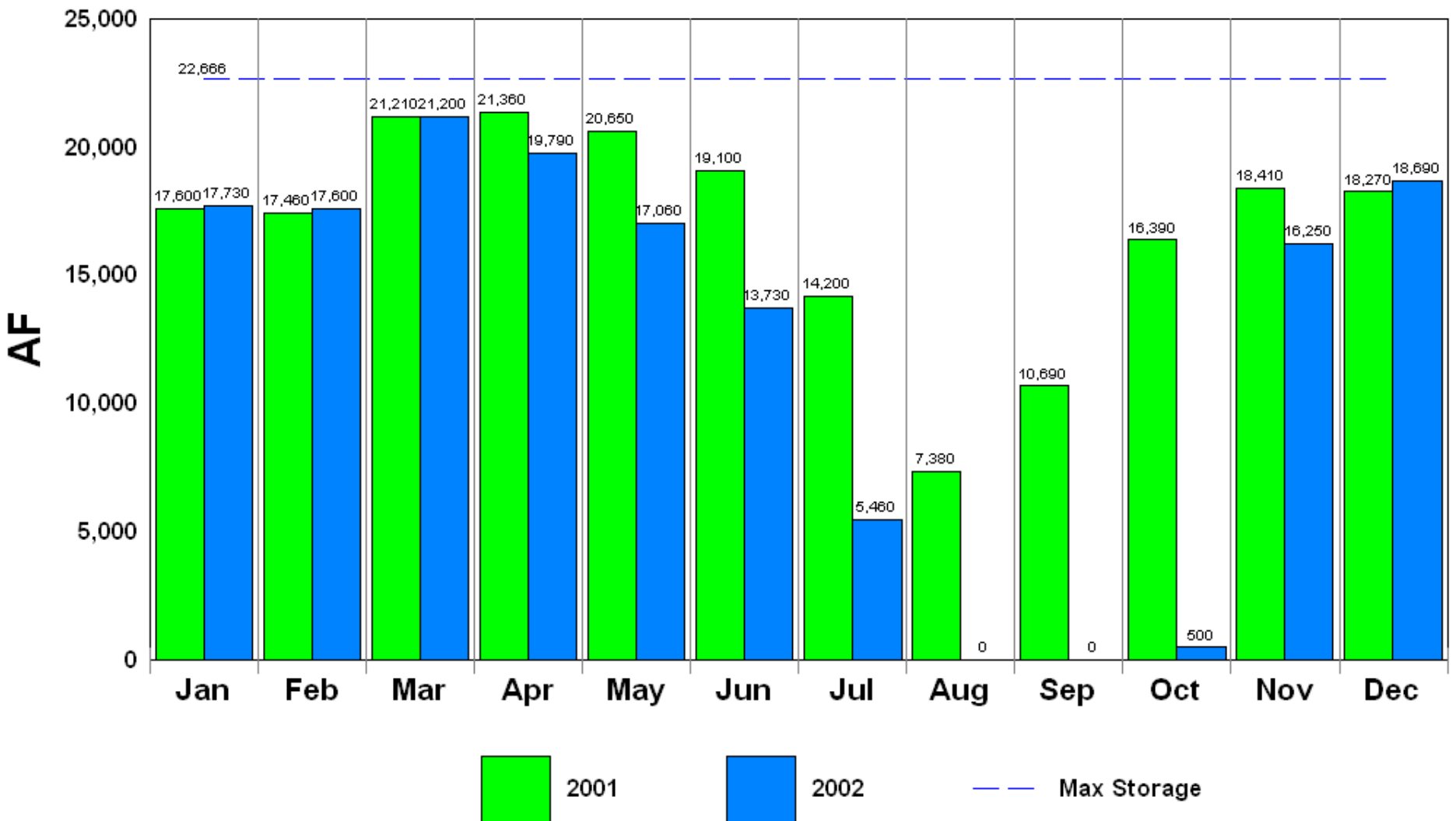
Selected Reservoirs*



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

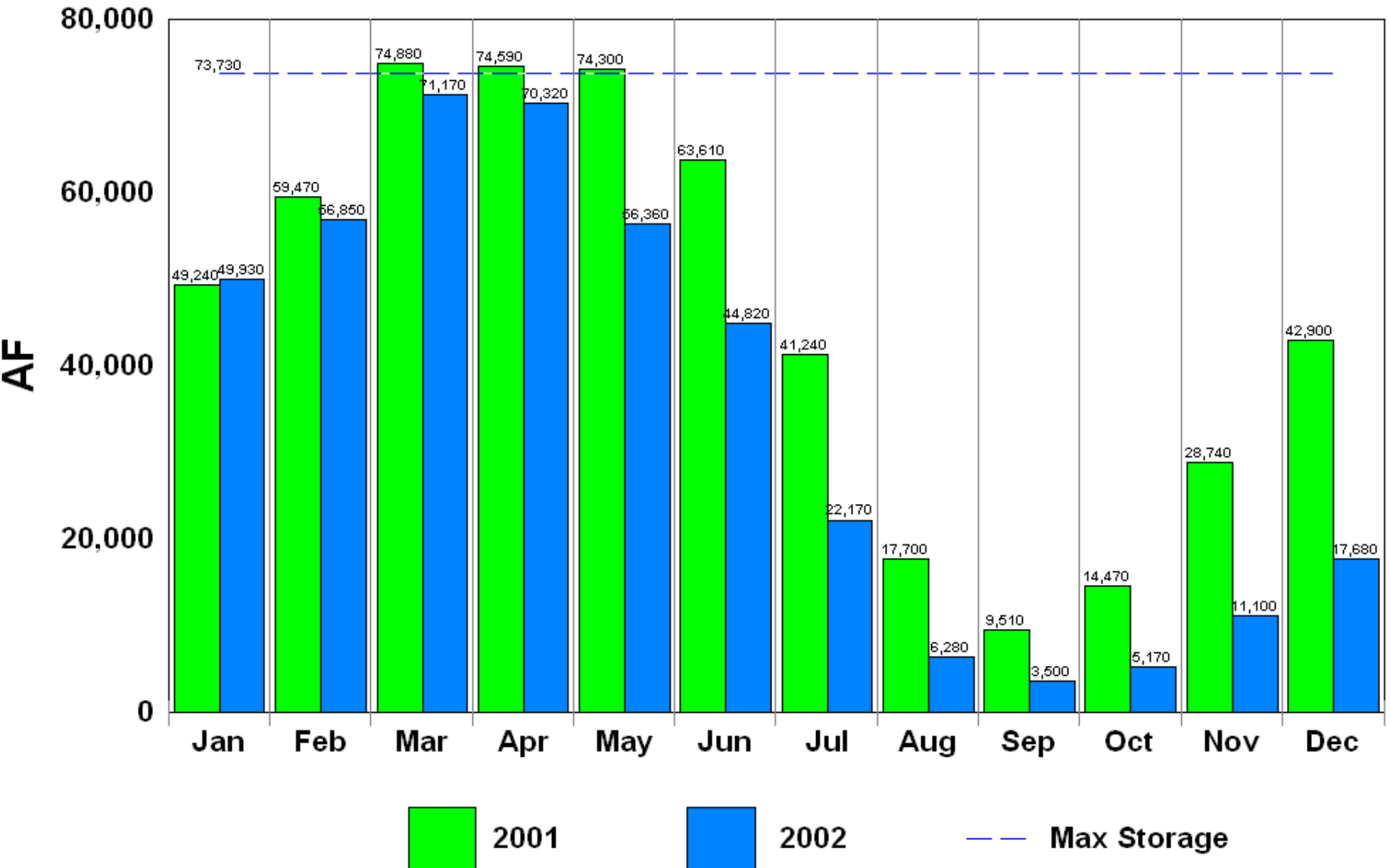
Julesburg Reservoir

(Agricultural)



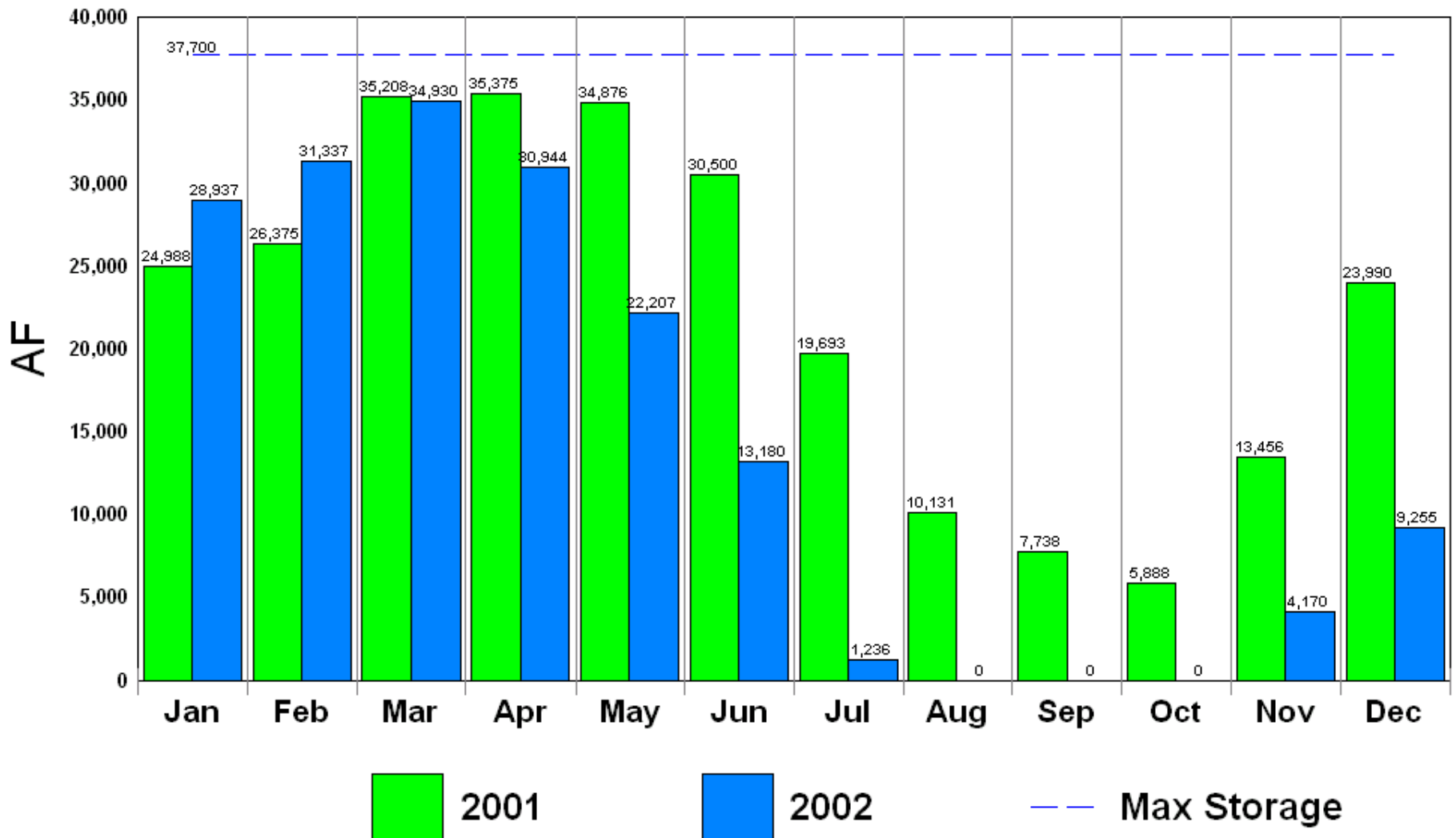
N. Sterling Reservoir

(Agricultural)



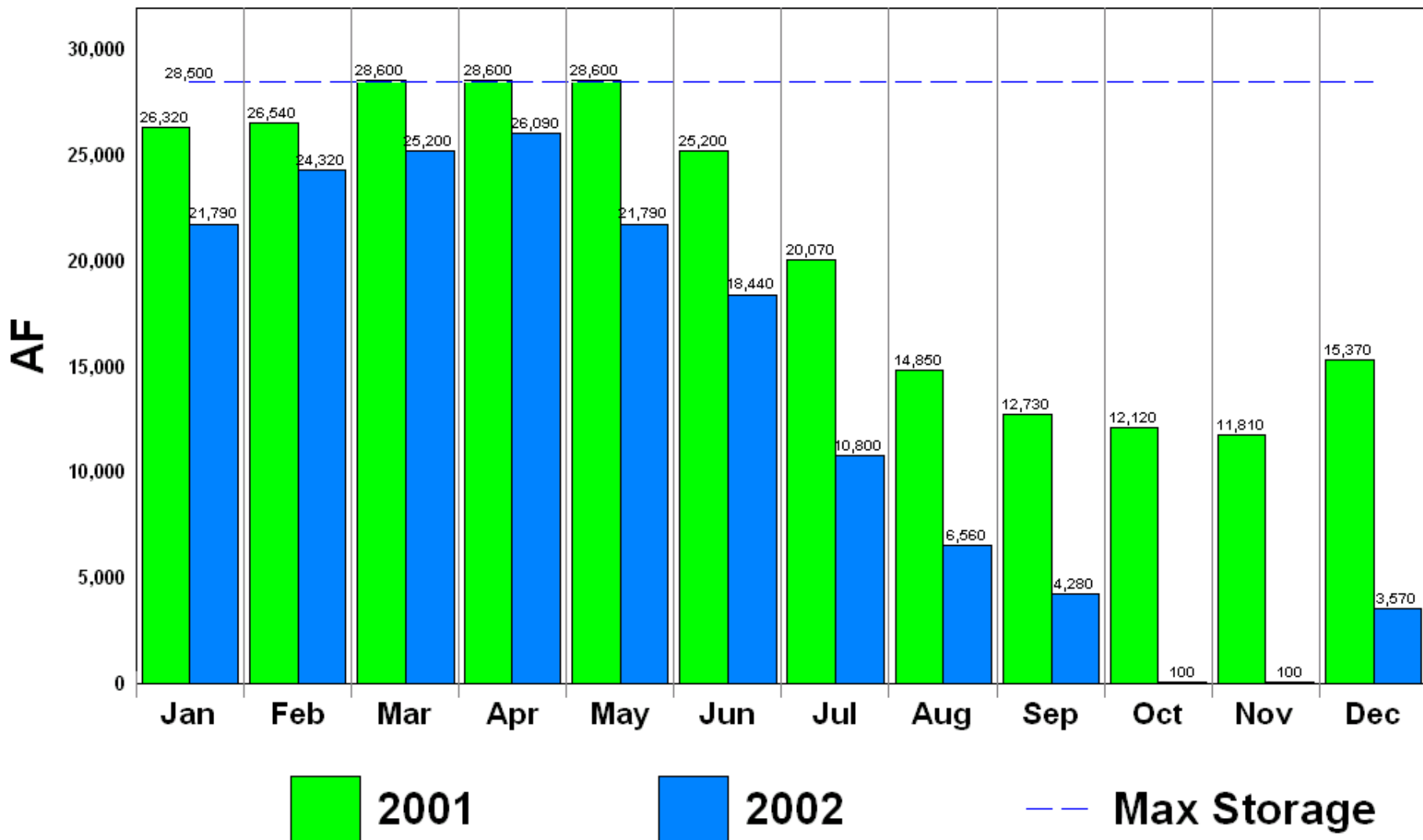
Empire Reservoir

(Agricultural)



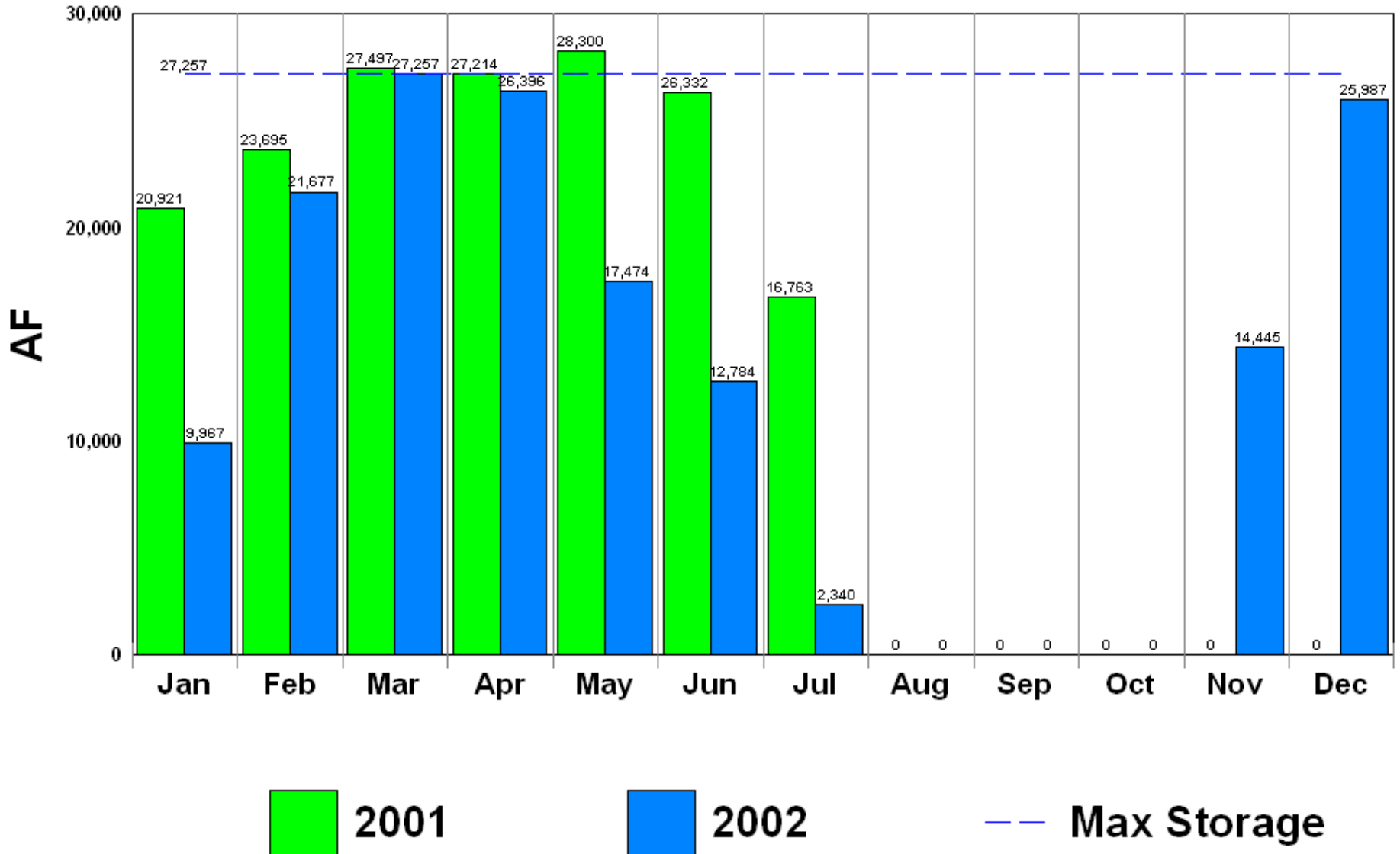
Prewitt Reservoir

(Agricultural)



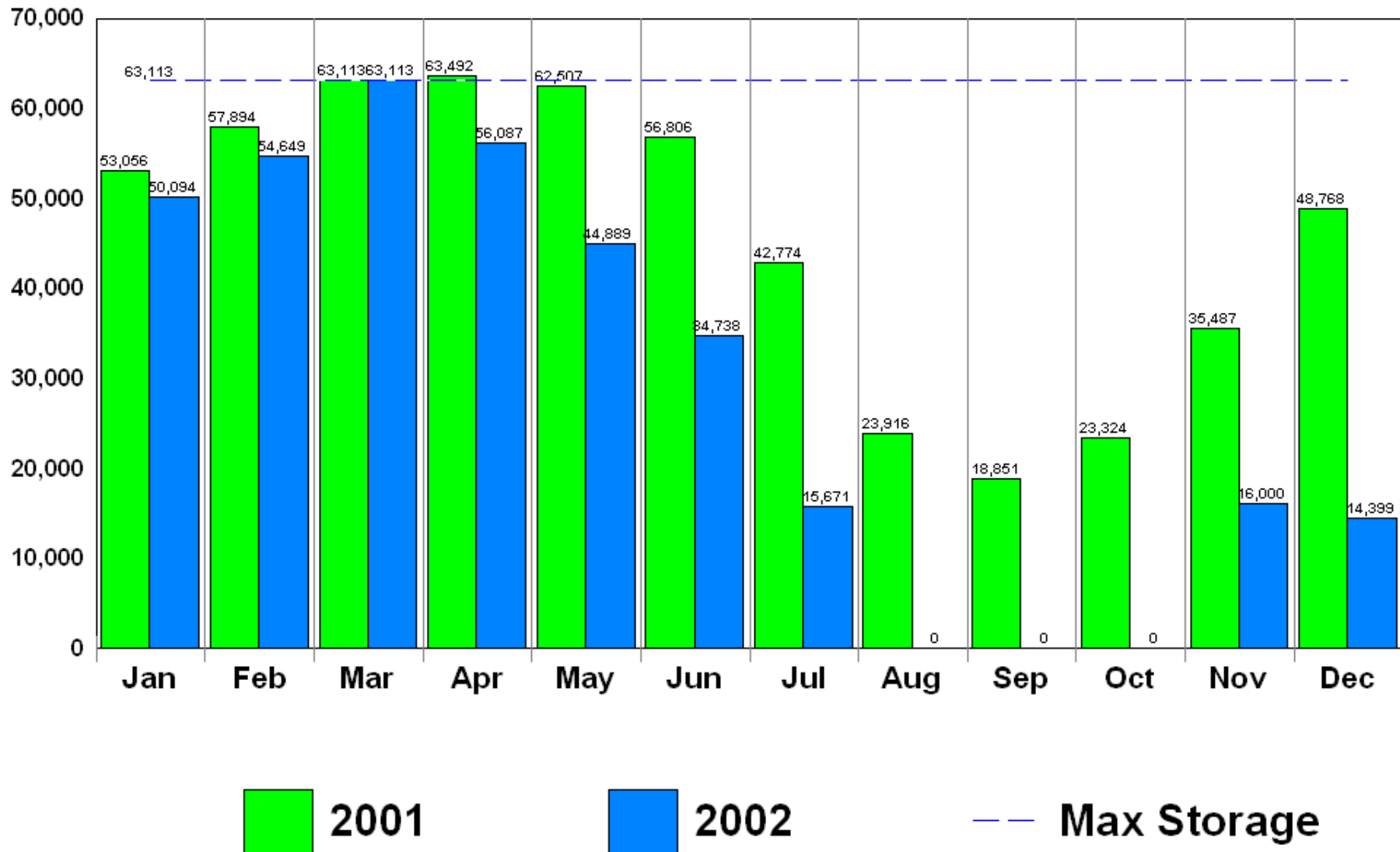
Jackson Reservoir

(Agricultural)



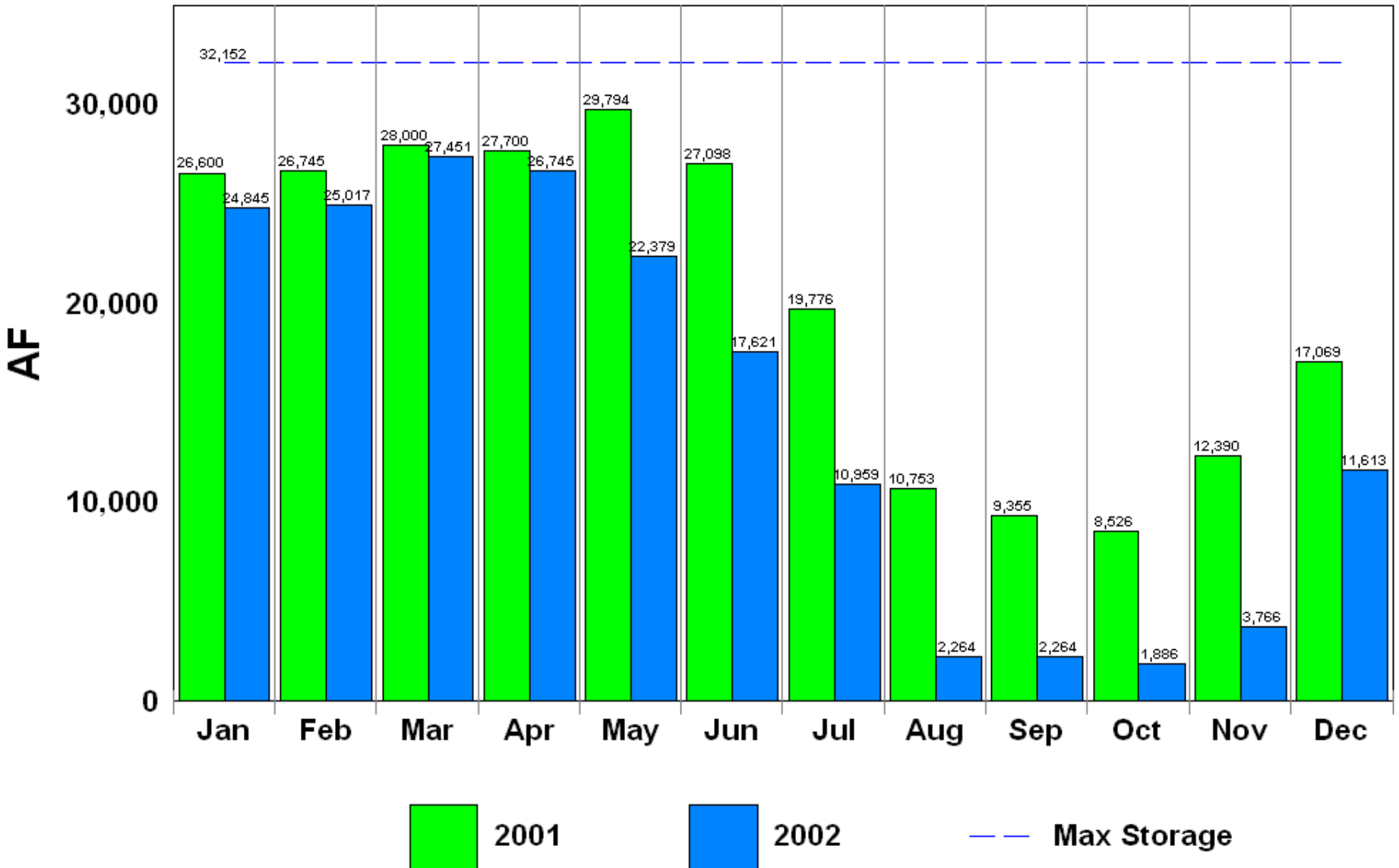
Riverside Reservoir

(Agricultural)



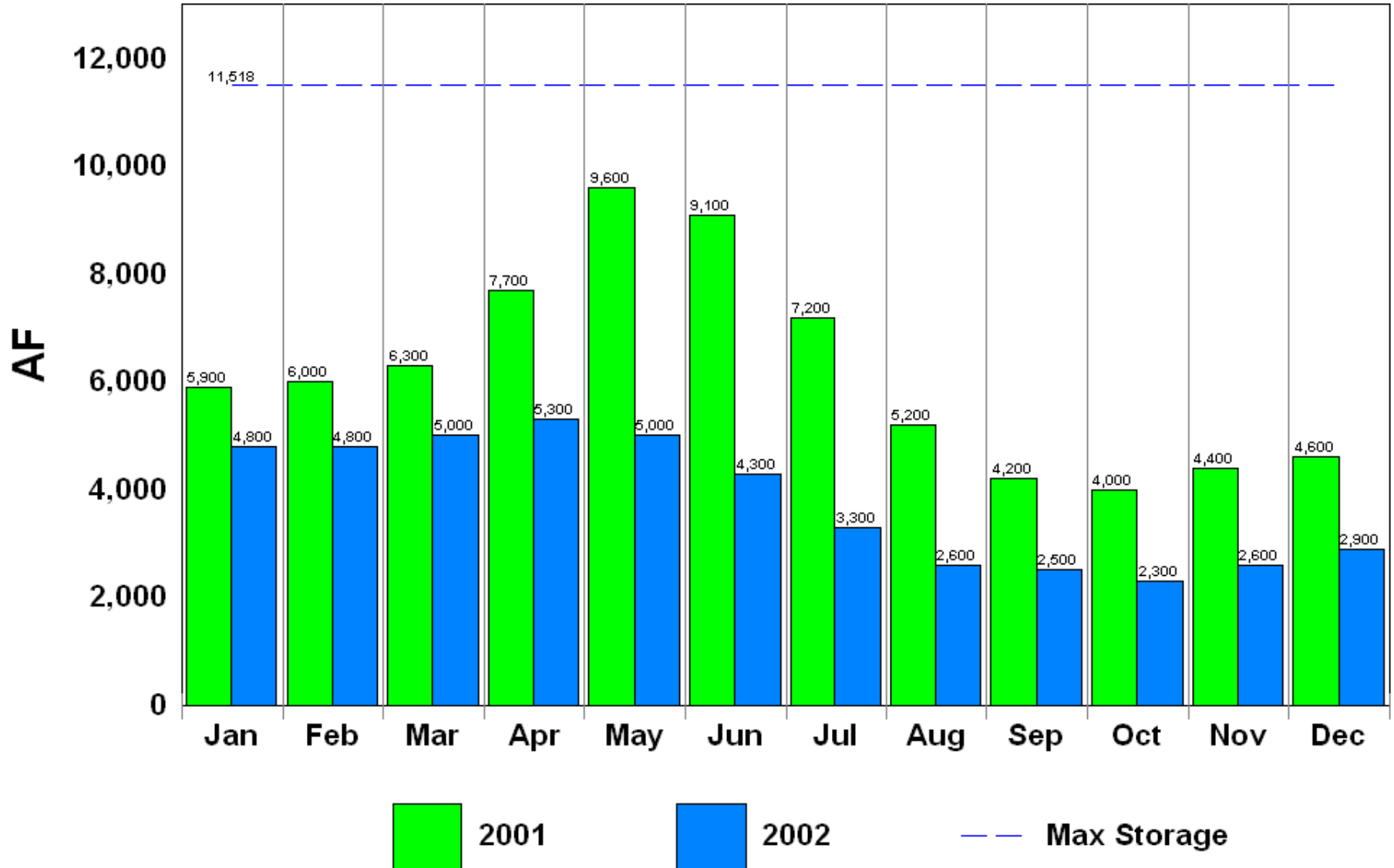
Barr Lake

(Agricultural)



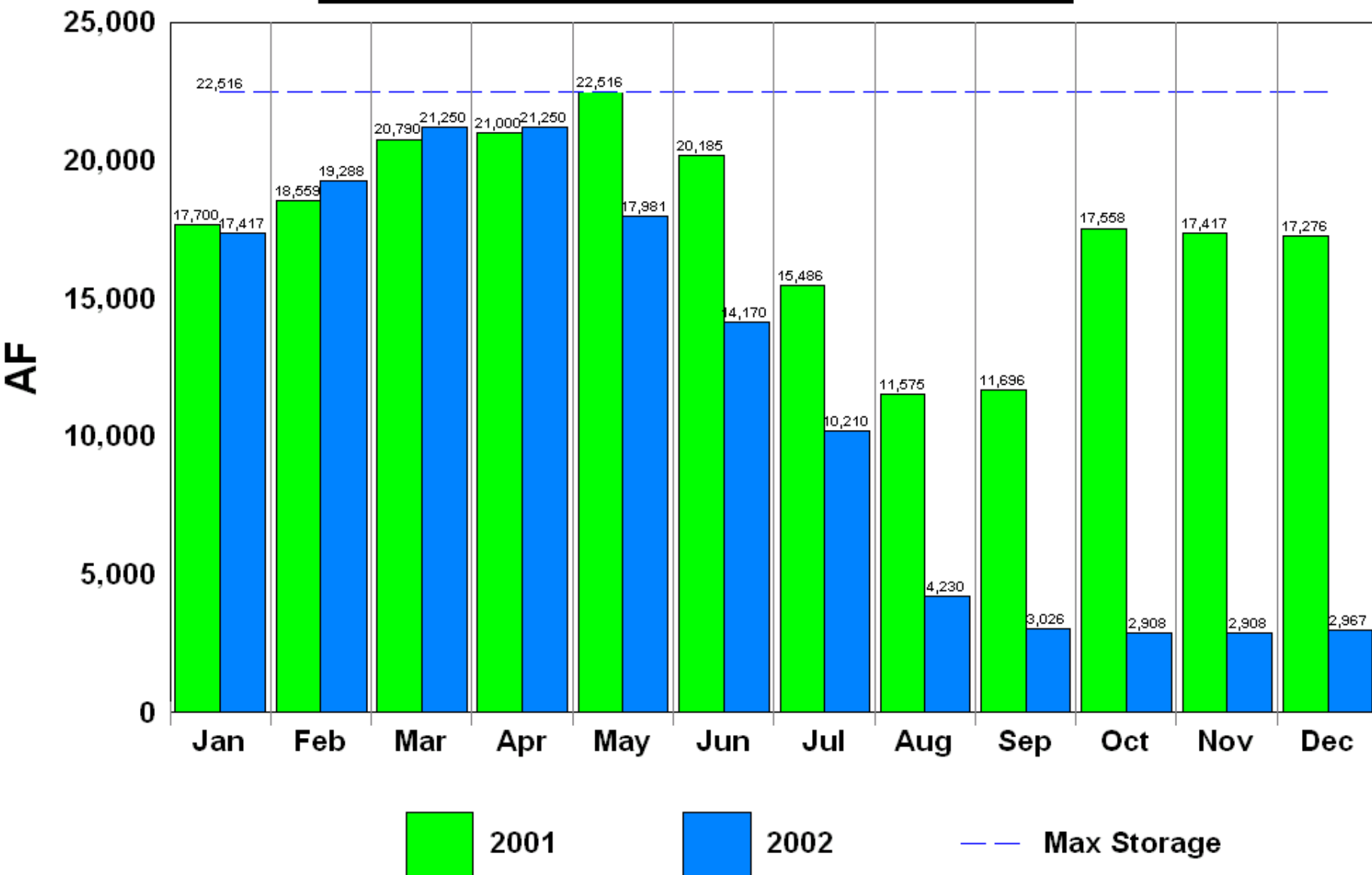
Marshall Lake

(Agricultural)



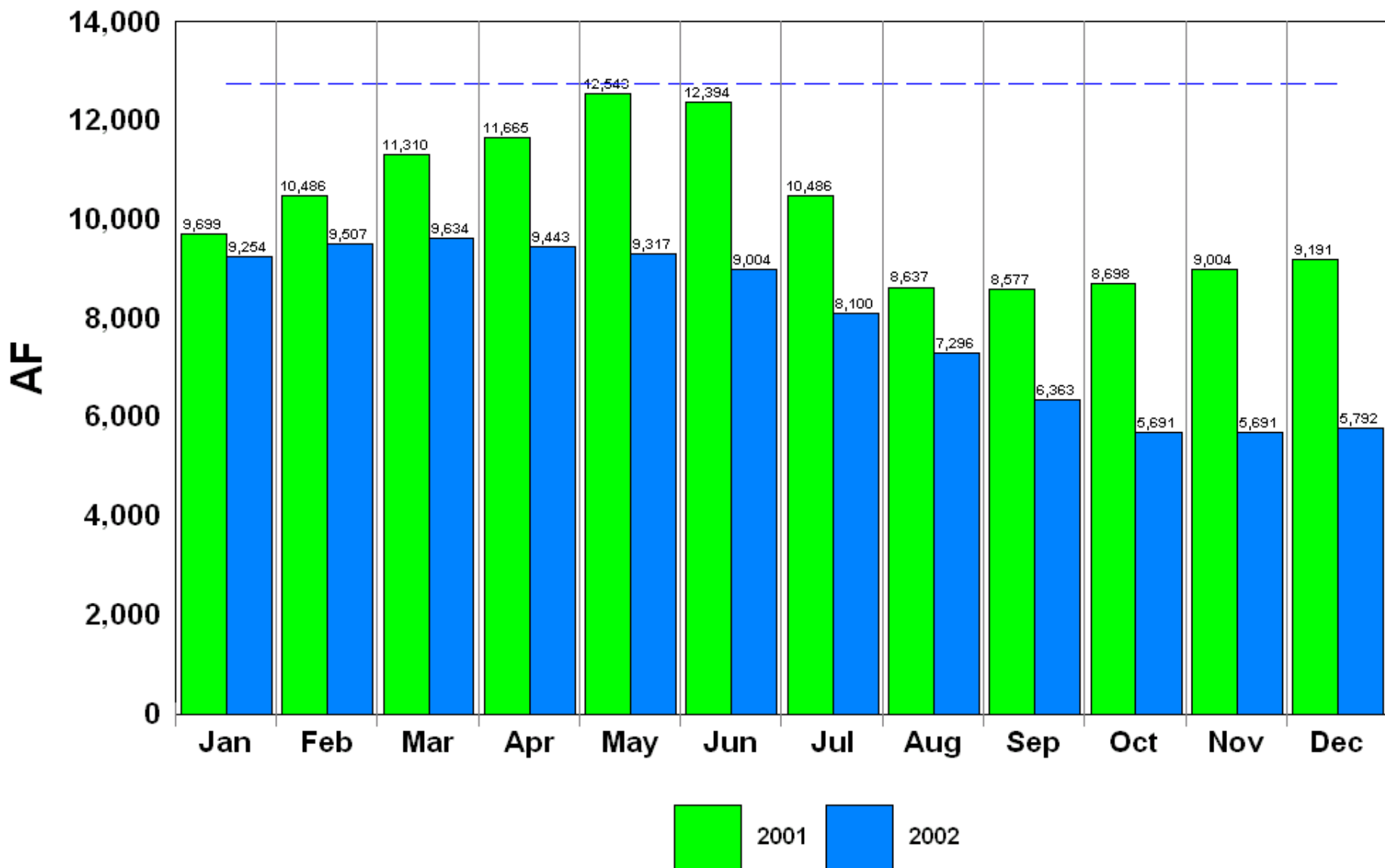
Milton Reservoir

(Agricultural)



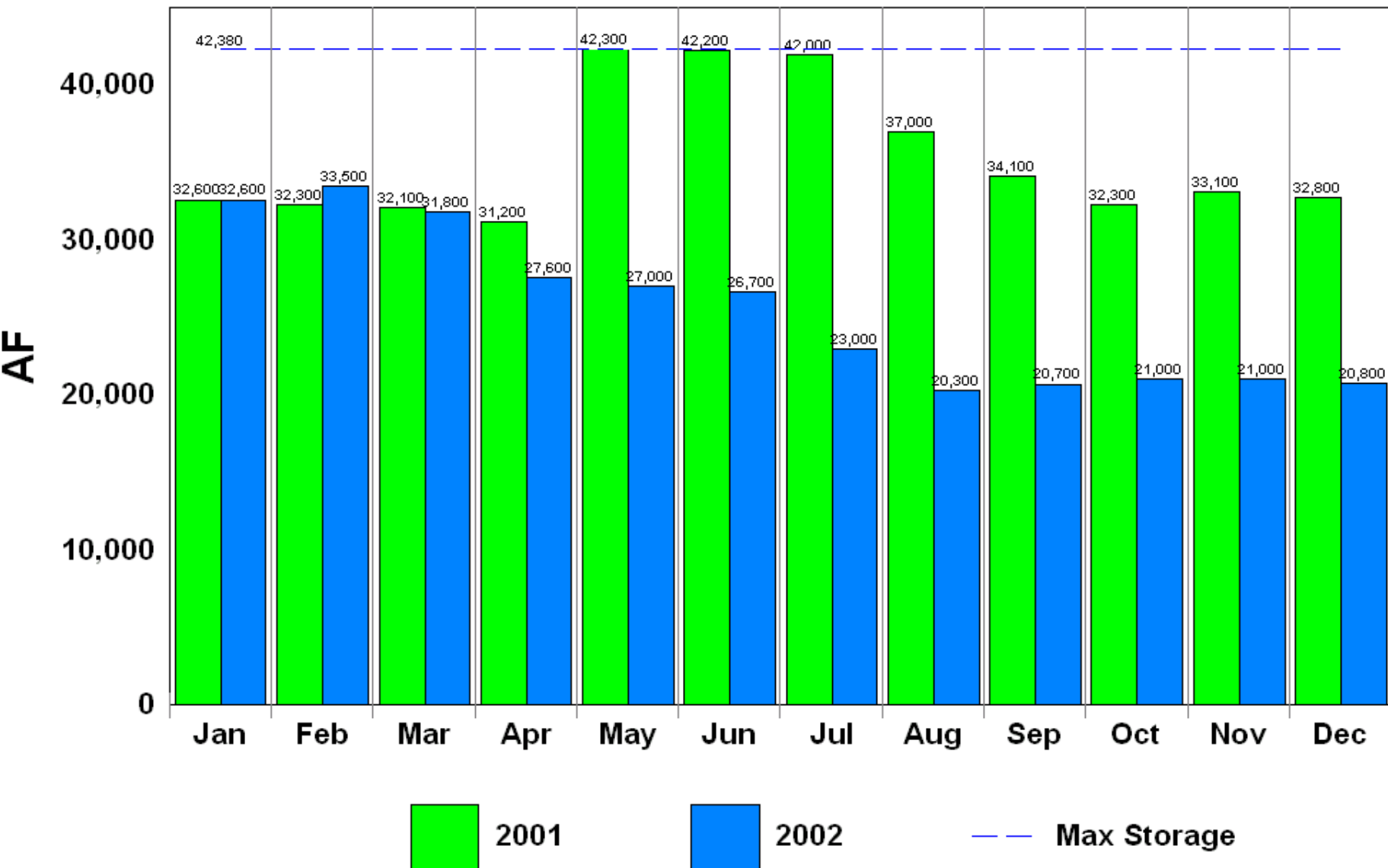
Union Reservoir

(Agricultural)



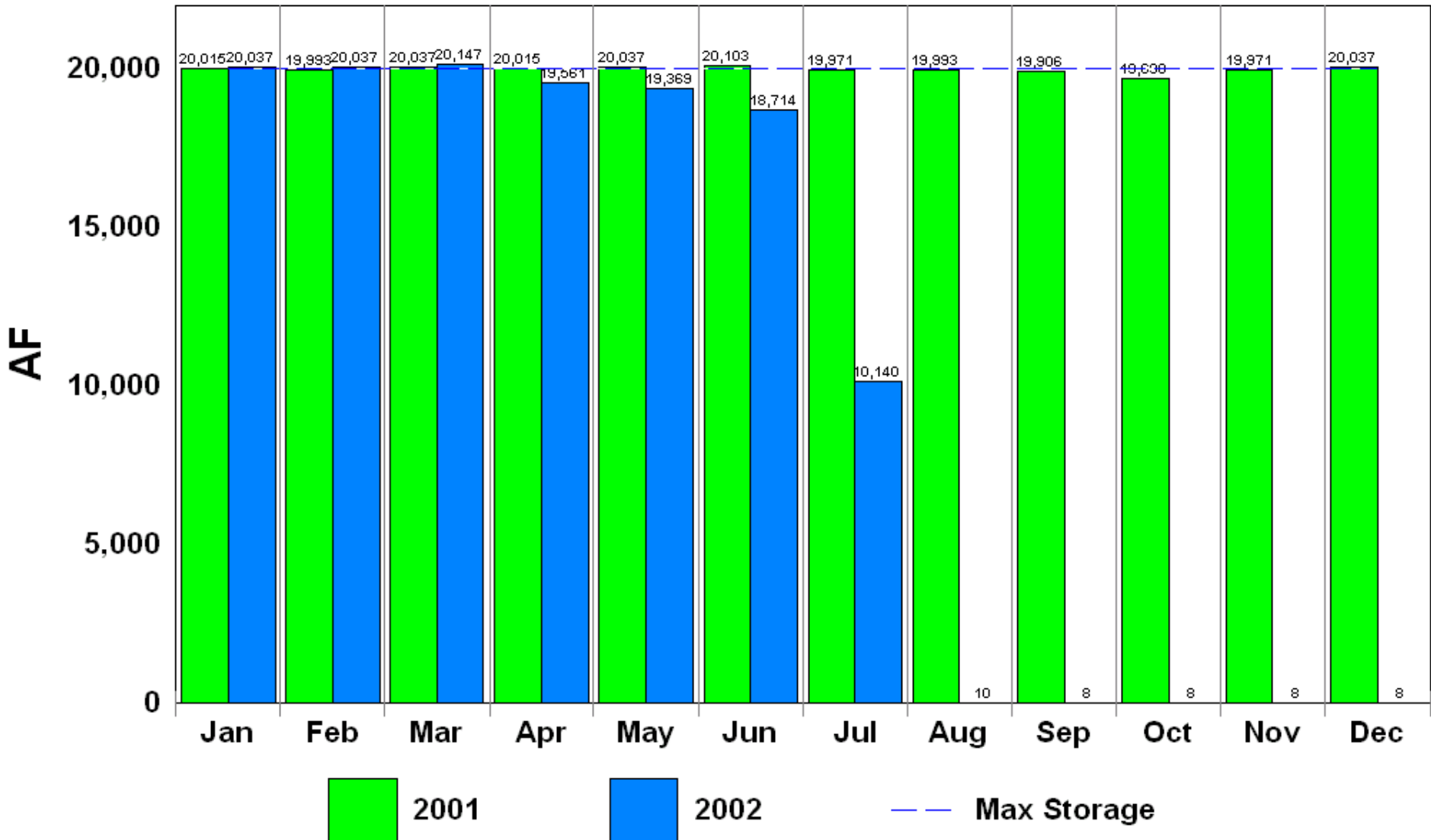
Standley Lake

(Agricultural)



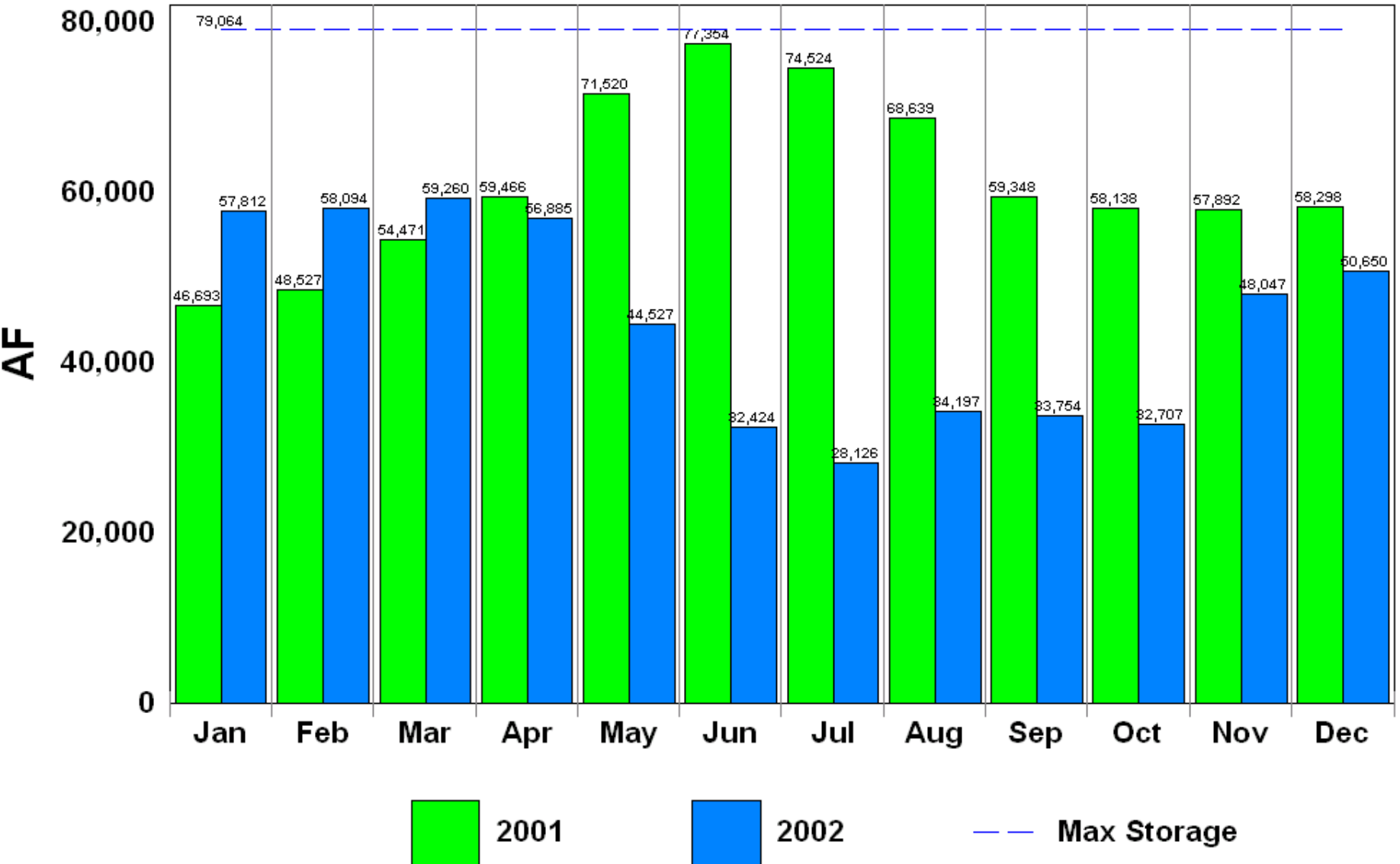
Antero Reservoir

(Municipal)



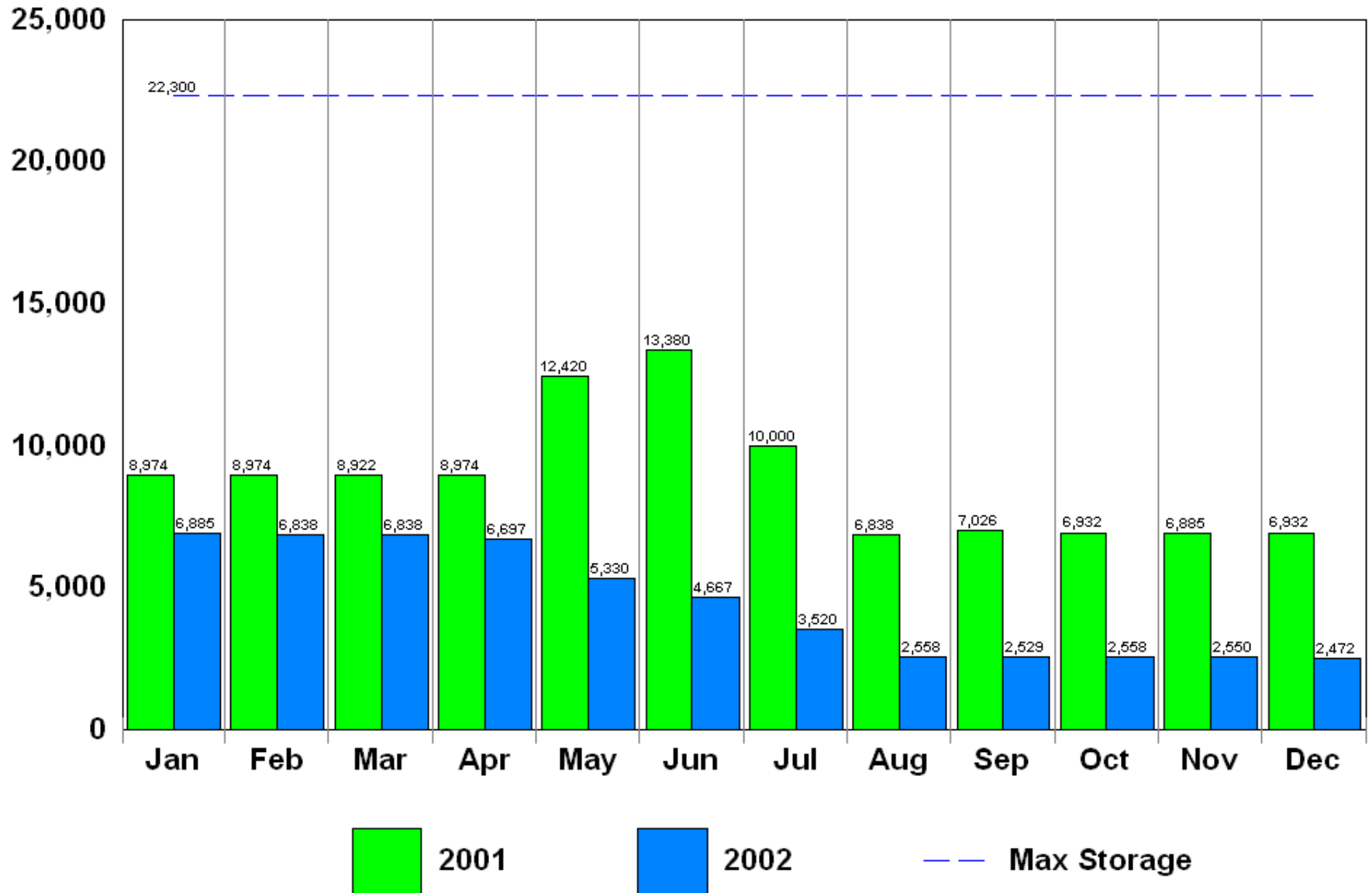
Cheesman Reservoir

(Municipal)



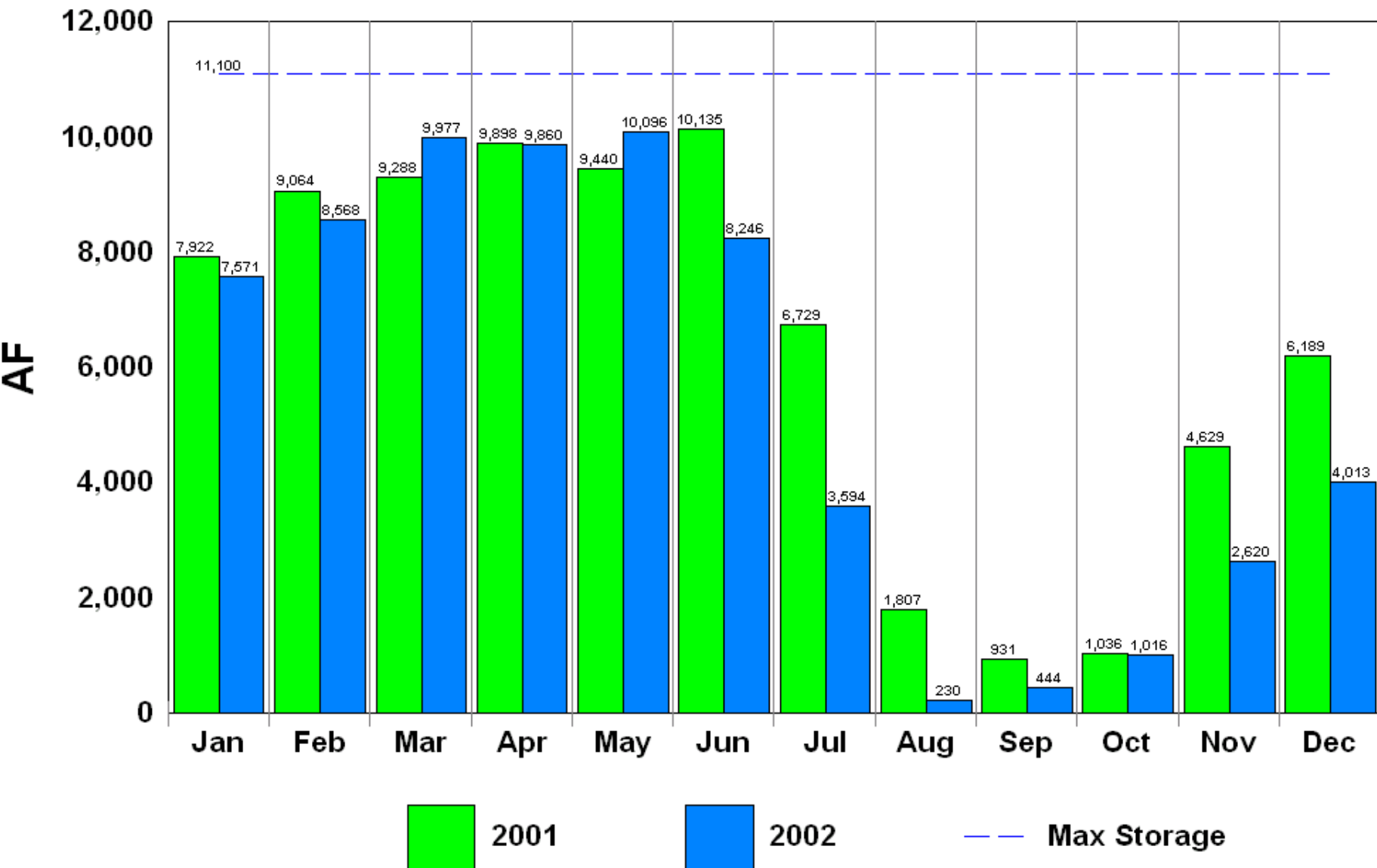
Cobb Lake

(Agricultural)



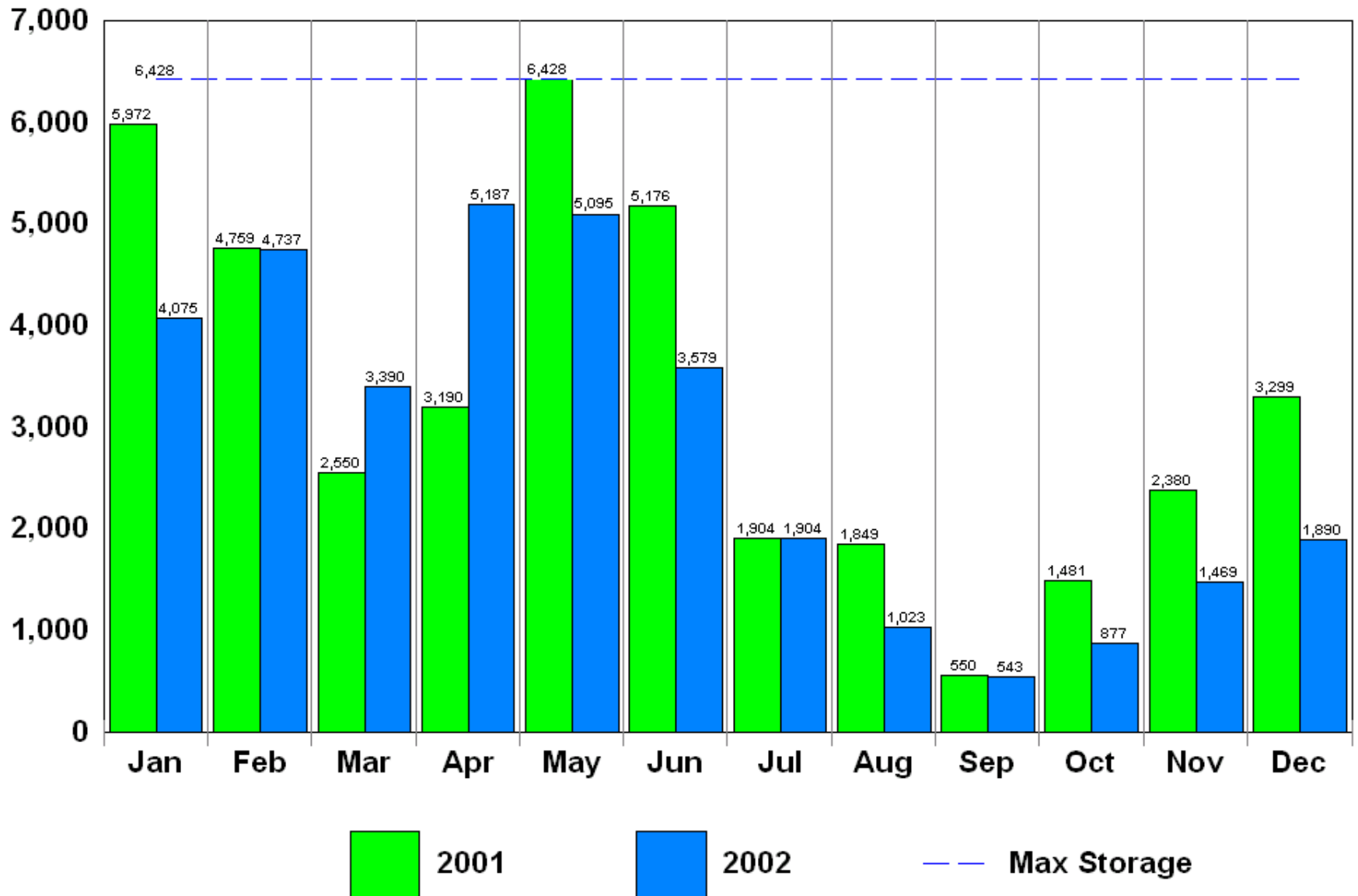
Fossil Creek Reservoir

(Agricultural)



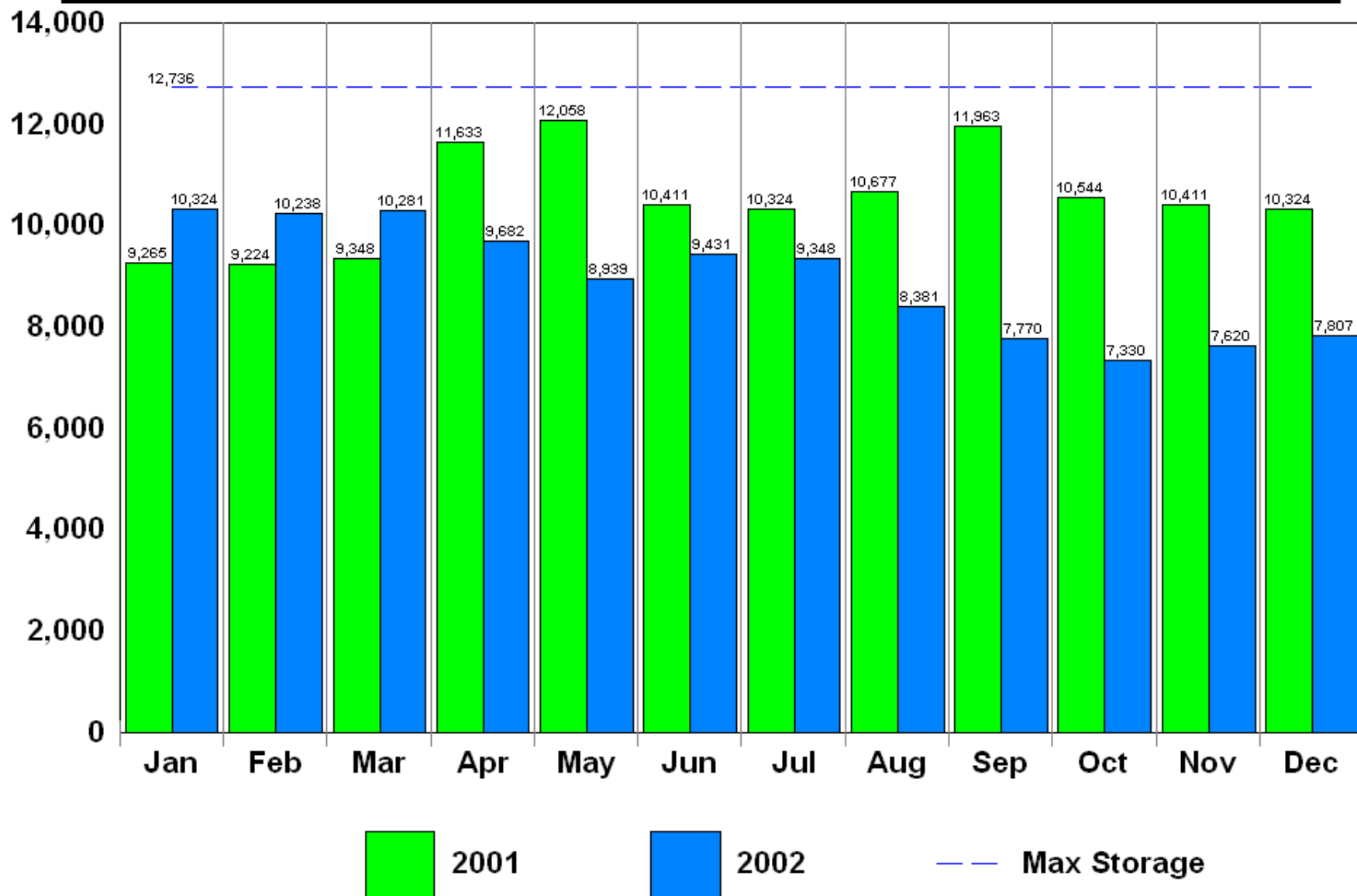
Halligan Reservoir

(Agricultural)



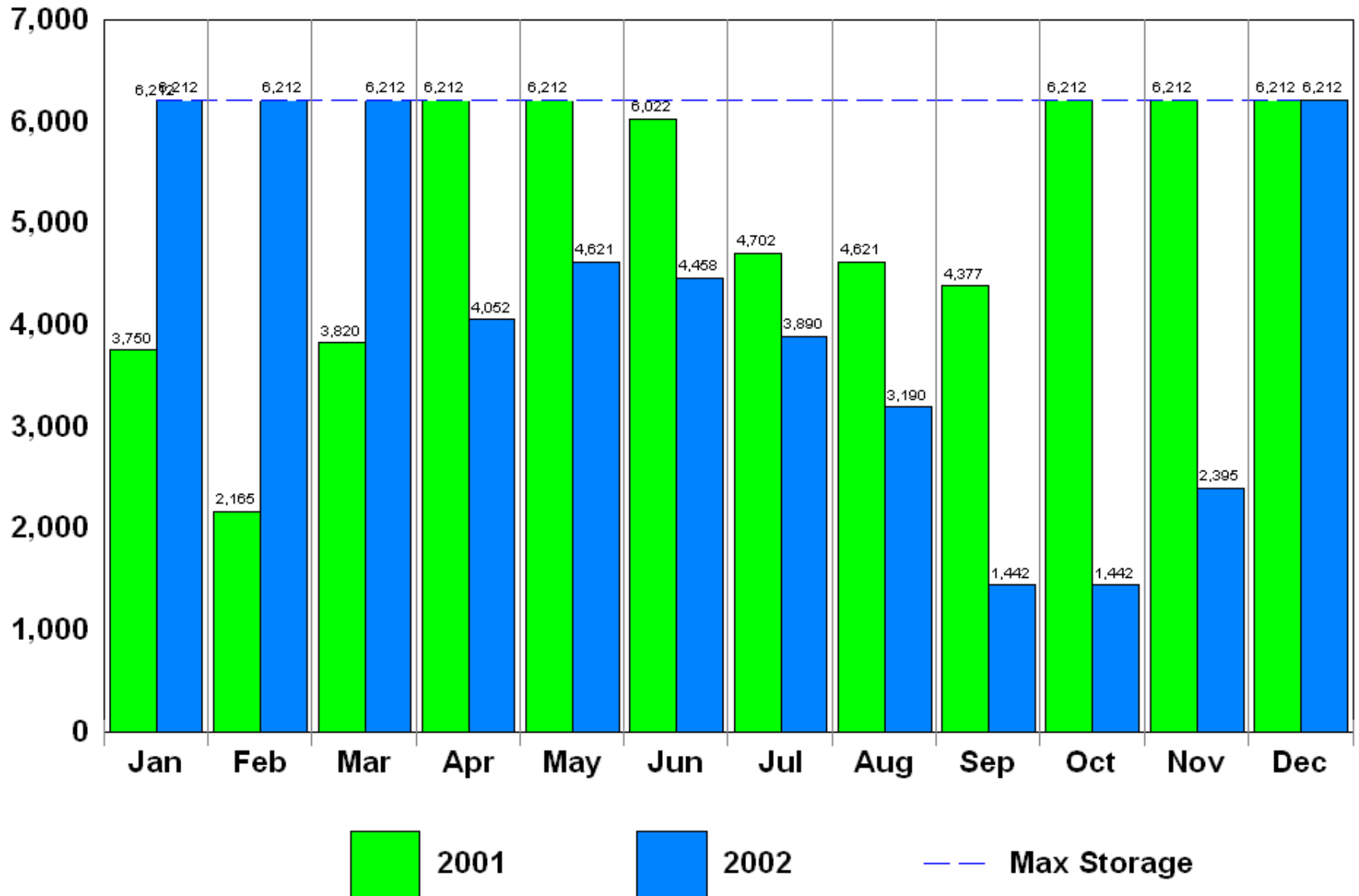
Loveland Greeley Reservoir

(Agricultural)



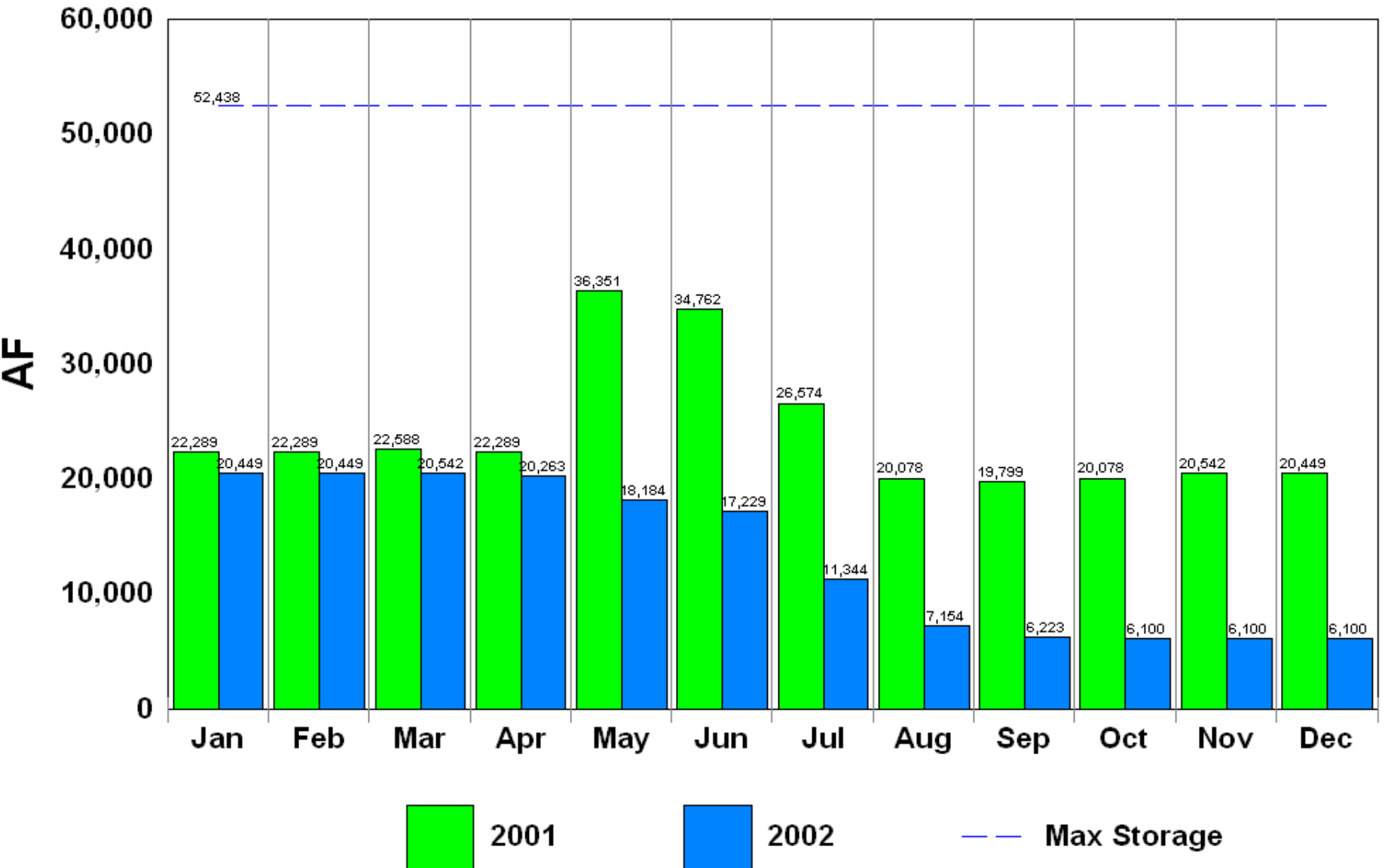
Lower Latham Reservoir

(Agricultural)



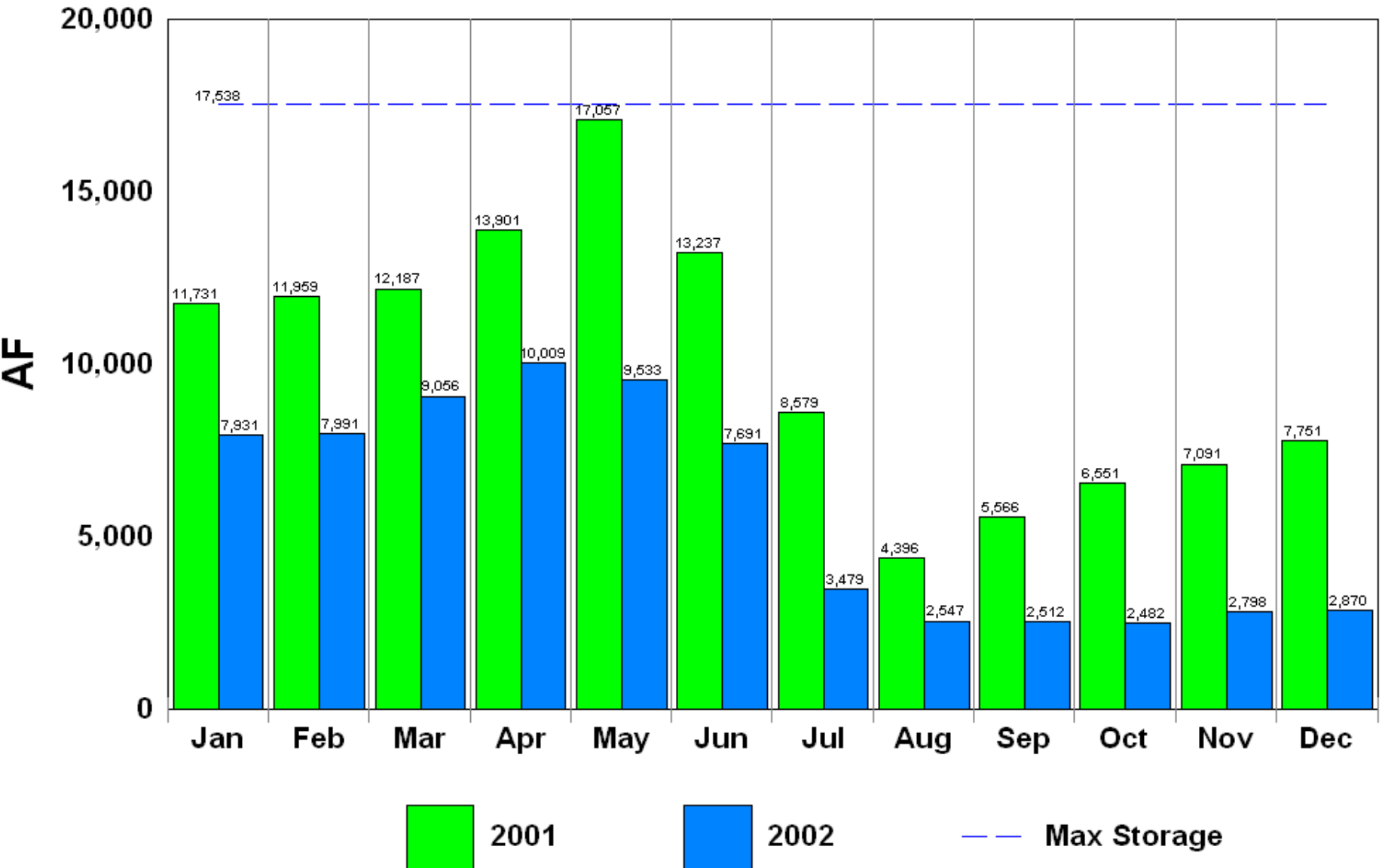
Boyd Lake

(Agricultural)



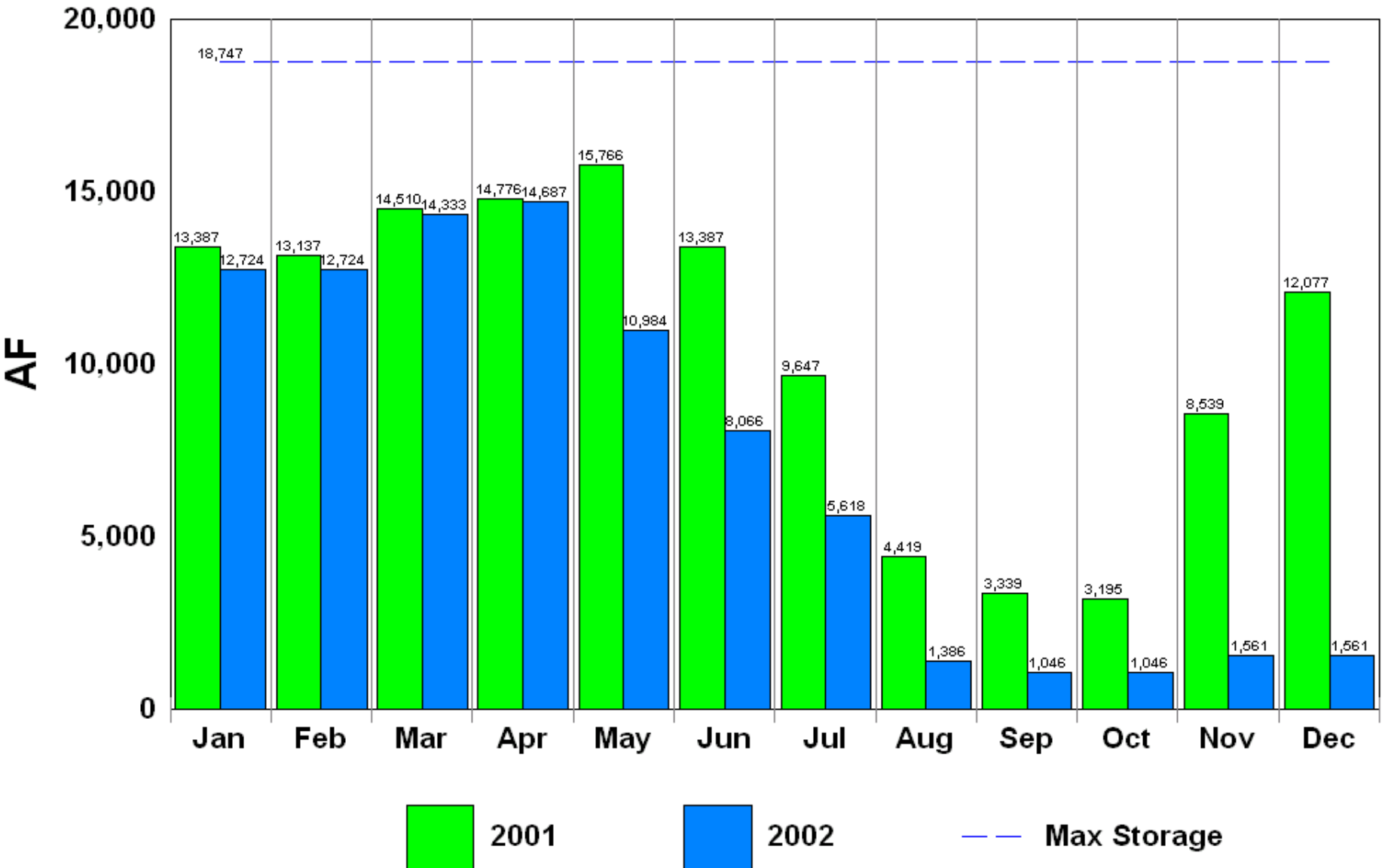
Windsor Reservoir

(Agricultural)



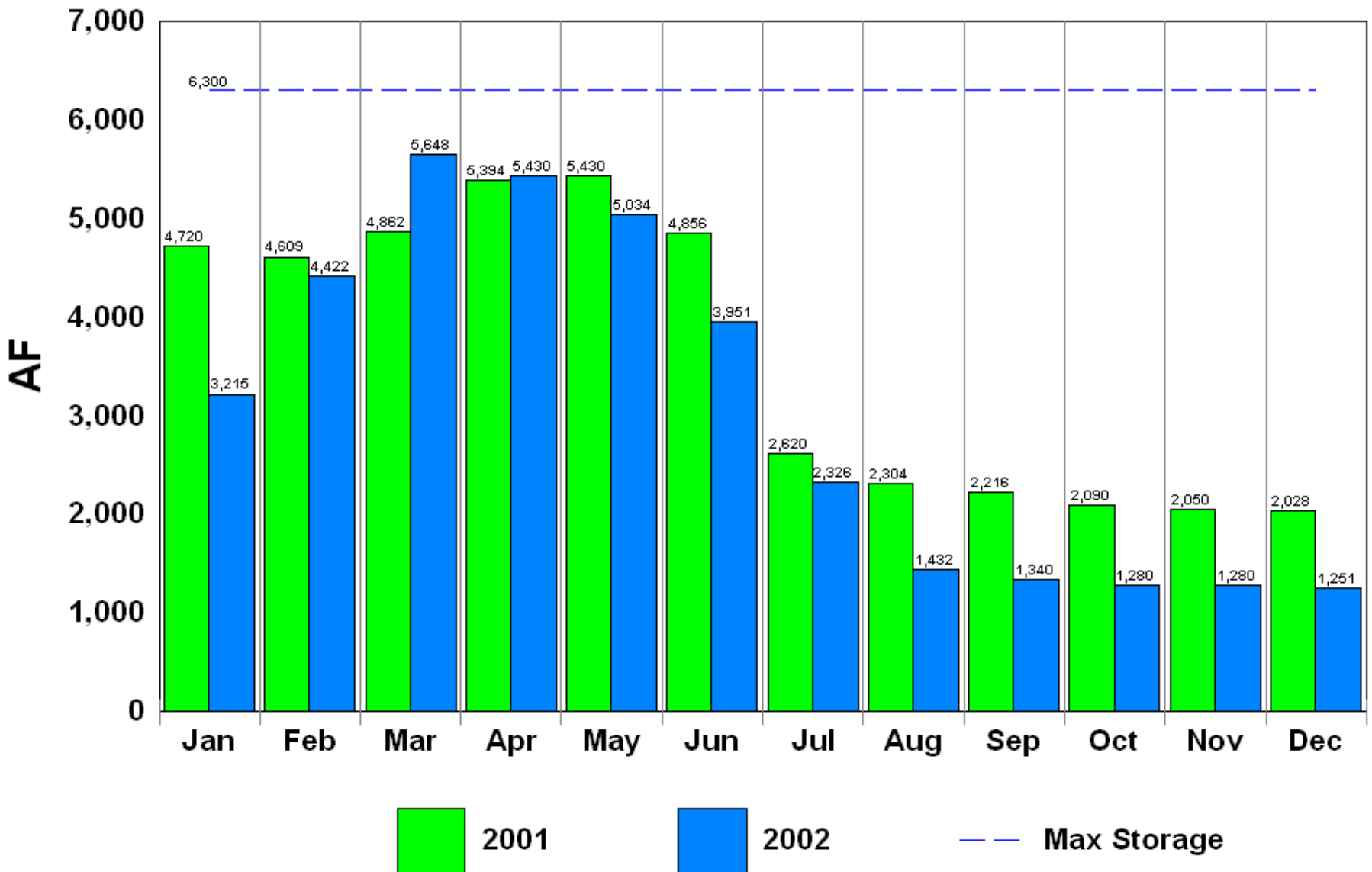
Horse Creek Reservoir

(Agricultural)



Prospect Reservoir

(Agricultural)



All data are preliminary and collected by Division One personnel for the Colorado Division of Water Resources.

