



South Platte Summary

January 2004

By John Lochhead for The
Colorado Division of Water
Resources

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

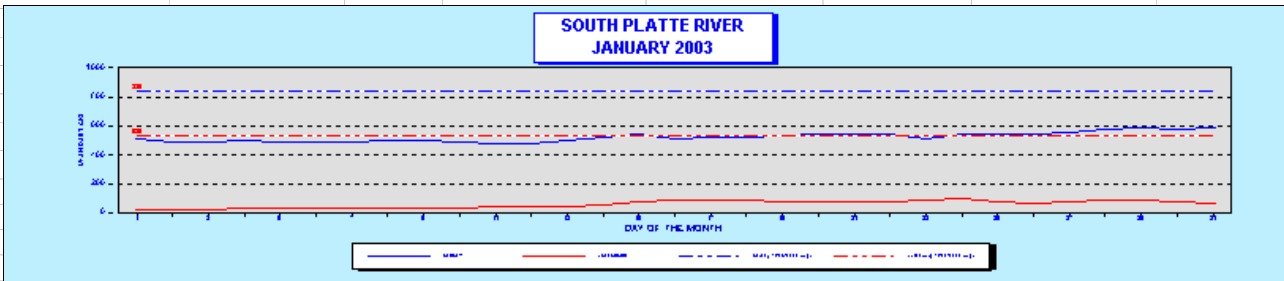
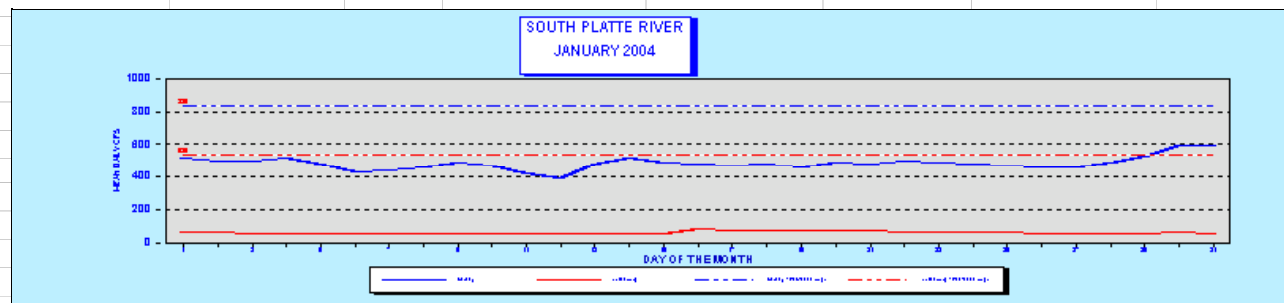
MONTH OF JANUARY 2004

03-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)
JULESBURG	22,666	18,270	18,002	64	(268)	-1%	79%	83%	0
NORTH STERLING	73,730	28,570	38,310	64	9,740	34%	52%	31%	0
PREWITT	28,500	7,460	10,380	64	2,920	39%	36%	22%	0
JACKSON	27,257	24,900	24,956	1	56	0%	92%	93%	0
EMPIRE	37,700	11,423	22,039	1	10,616	93%	58%	44%	0
RIVERSIDE	63,113	31,861	42,134	1	10,273	32%	67%	40%	0
BARR LAKE	31,652	21,104	21,104	2	0	0%	67%	47%	0
CHEESMAN	79,064	60,018	59,253	80	(765)	-1%	75%	61%	0
ELEVEN MILE	97,779	70,609	71,230	23	621	1%	73%	45%	0
SPINNEY	53,651	31,597	28,958	23	(2,639)	-8%	54%	36%	0
ANTERO	20,015	8	8	23	0	0%	0%	0%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	485
JULESBURG	63
THIS MONTH LAST YEAR	
KERSEY	523
JULESBURG	59
MEAN FOR PERIOD OF RECORD*	
KERSEY	836
JULESBURG	535

* 1976-2002
1902-2002



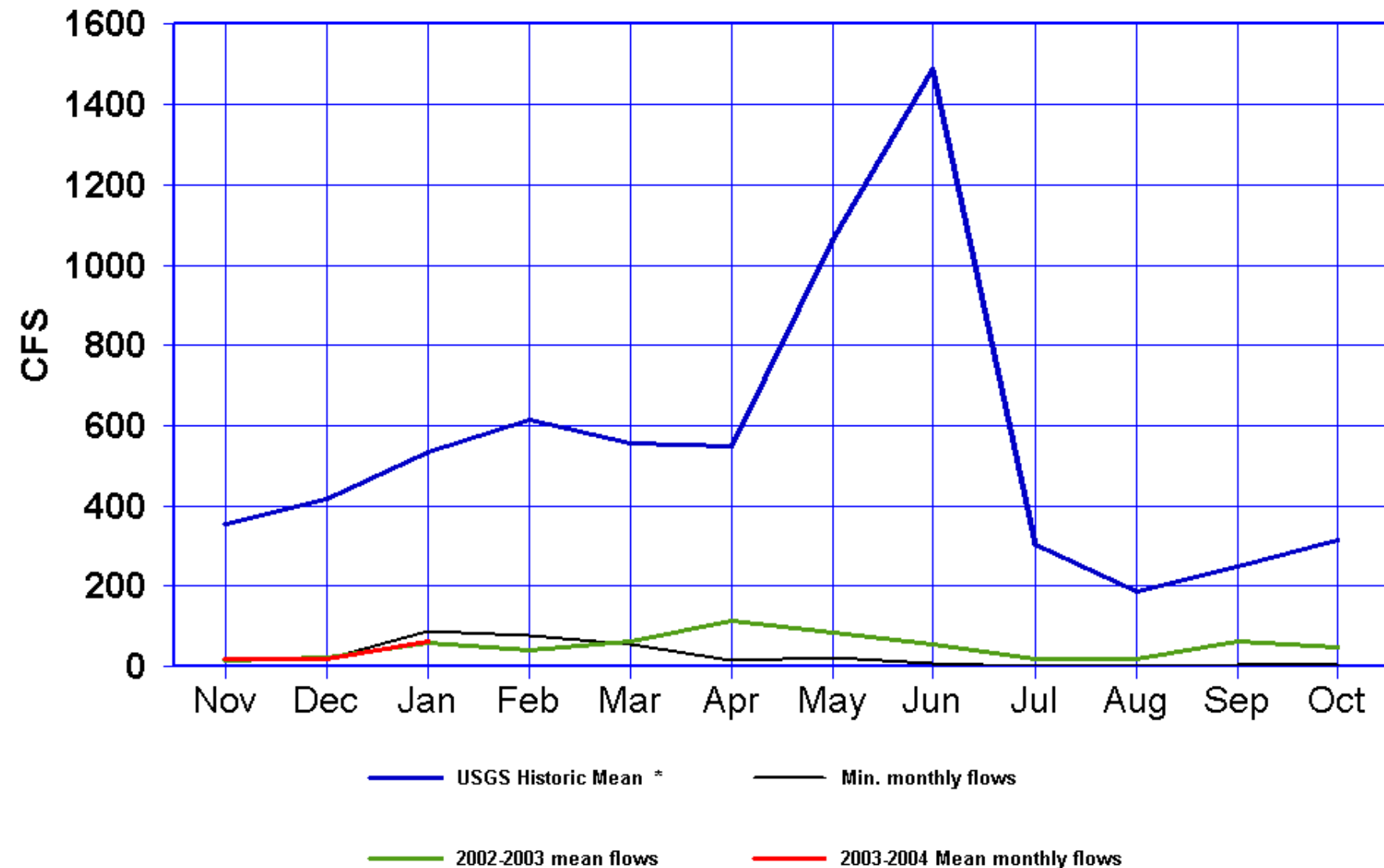
South Platte River Monthly Means, Historic, Max, Min.

South Platte River at Kersey								South Platte River at Julesburg							
	USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2004 mean monthly flow	Estimated Mean		USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2004 mean monthly flow	Estimated Mean
Nov	944	2585	1985	488	1978	671		Nov	356	2358	1985	23	1911	19	
Dec	856	1337	1985	568	1982	557		Dec	419	1371	1985	18.8	1912	19	*
Jan	836	1434	1984	503	1982	485		Jan	535	1571	1998	89.9	1965	63	*
Feb	849	1641	1984	540	1978			Feb	616	1864	1930	78.9	1935		
Mar	920	1852	1983	473	1982			Mar	555	2200	1939	56.9	1904		
Apr	1062	3894	1983	144	1982			Apr	550	2808	1983	17.3	1904		
May	2401	13060	1980	199	2002			May	1064	9922	1980	24.1	1911		
Jun	3152	14520	1983	113	1977			Jun	1489	12200	1983	8.33	1910		
Jul	1005	5784	1983	115	2002			Jul	306	5059	1983	2.15	1903		
Aug	816	2783	1984	85.5	2002			Aug	188	1882	1997	2.52	1902		
Sep	784	2079	1984	156	2002			Sep	249	1964	1984	5.6	1903		
Oct	882	3388	1985	415	1978			Oct	316	2427	1985	5.85	1904		
*Period of record 1976-2002								*Period of record 1902-2002							



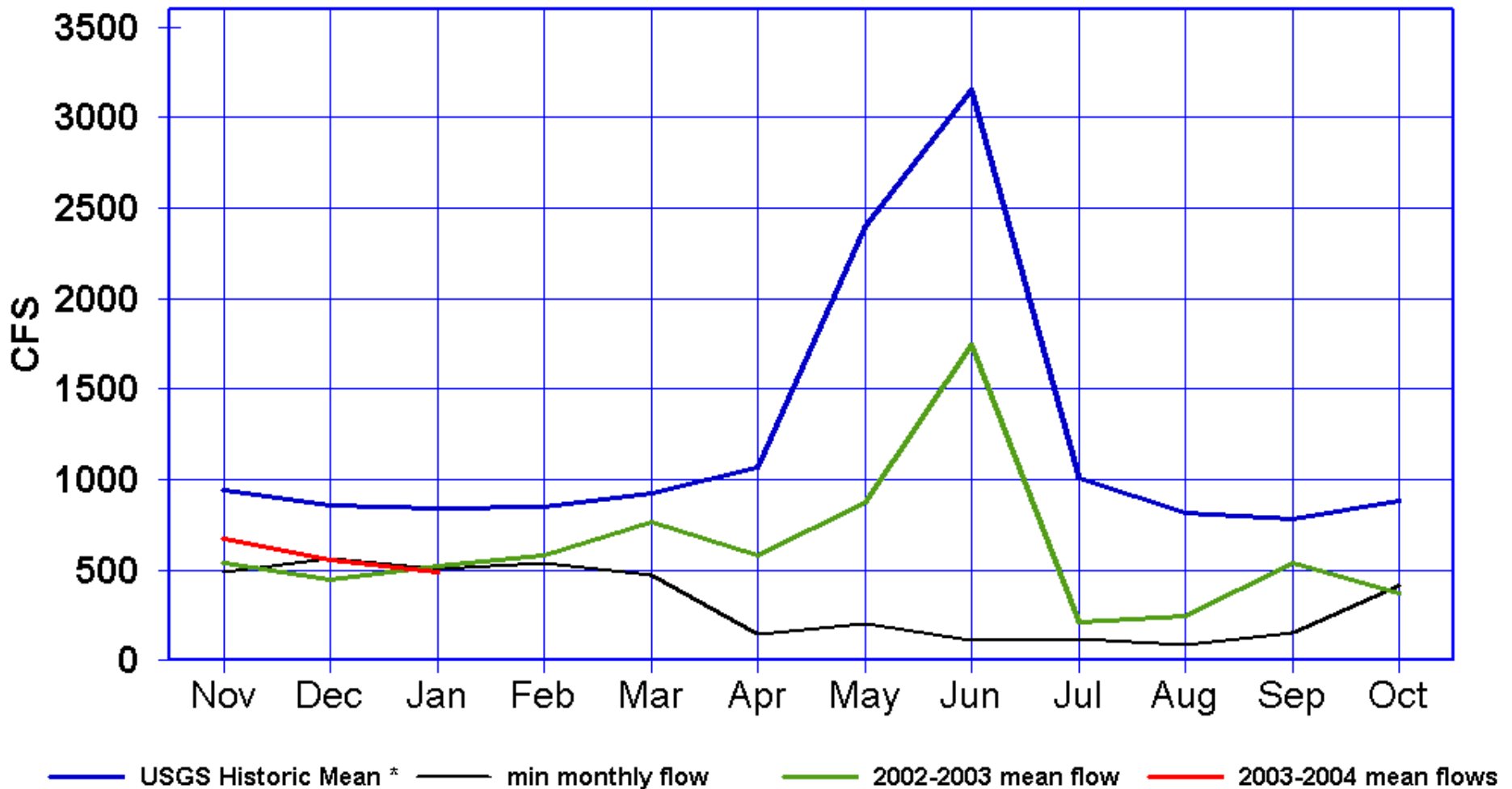
South Platte River at Julesburg

Irrigation Water Year*

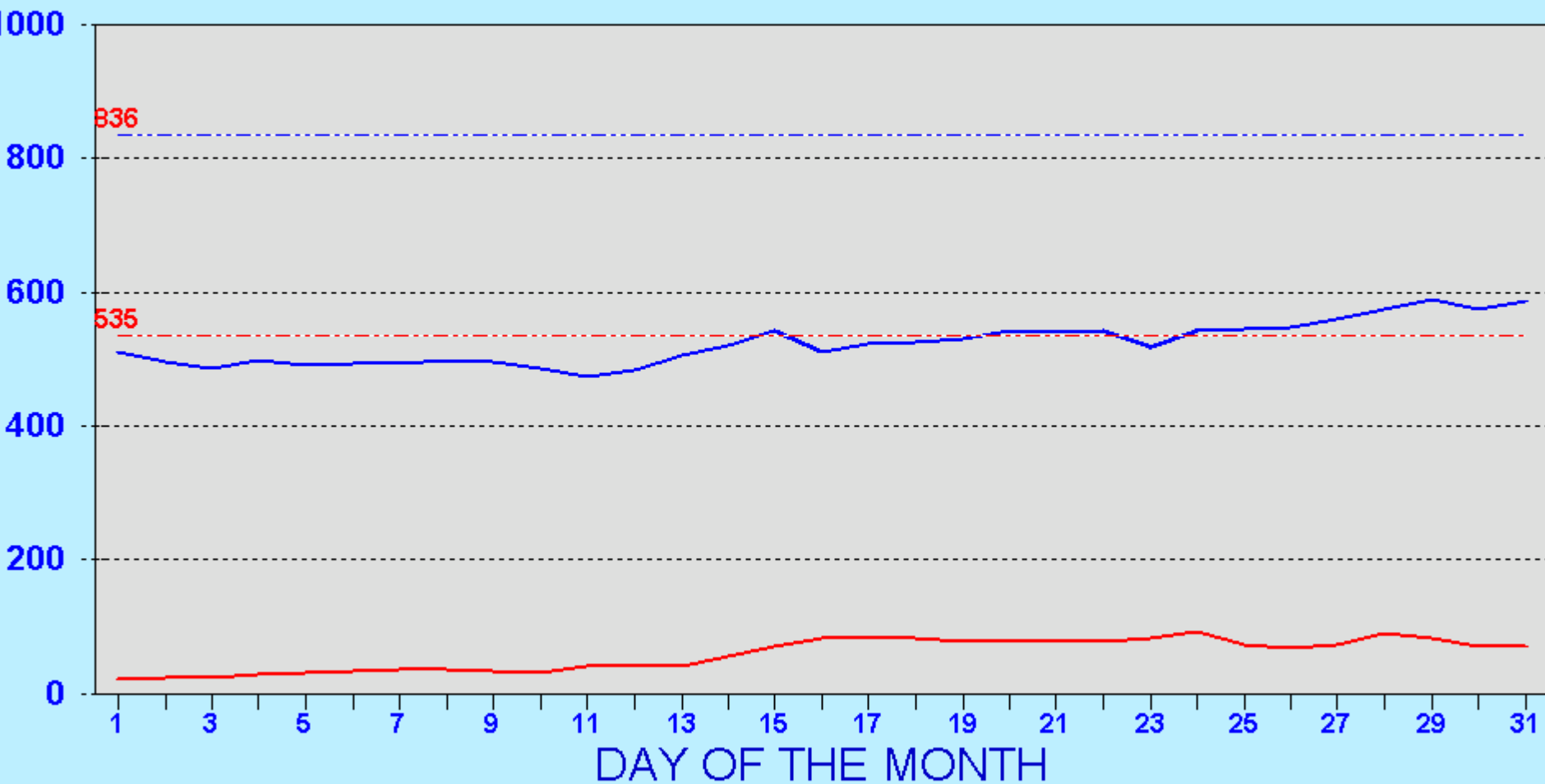


South Platte River at Kersey

Irrigation Water Year*



SOUTH PLATTE RIVER JANUARY 2003



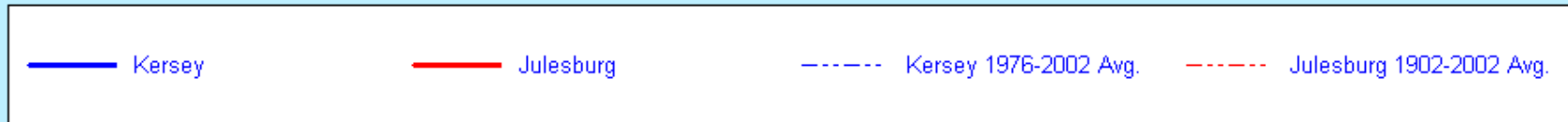
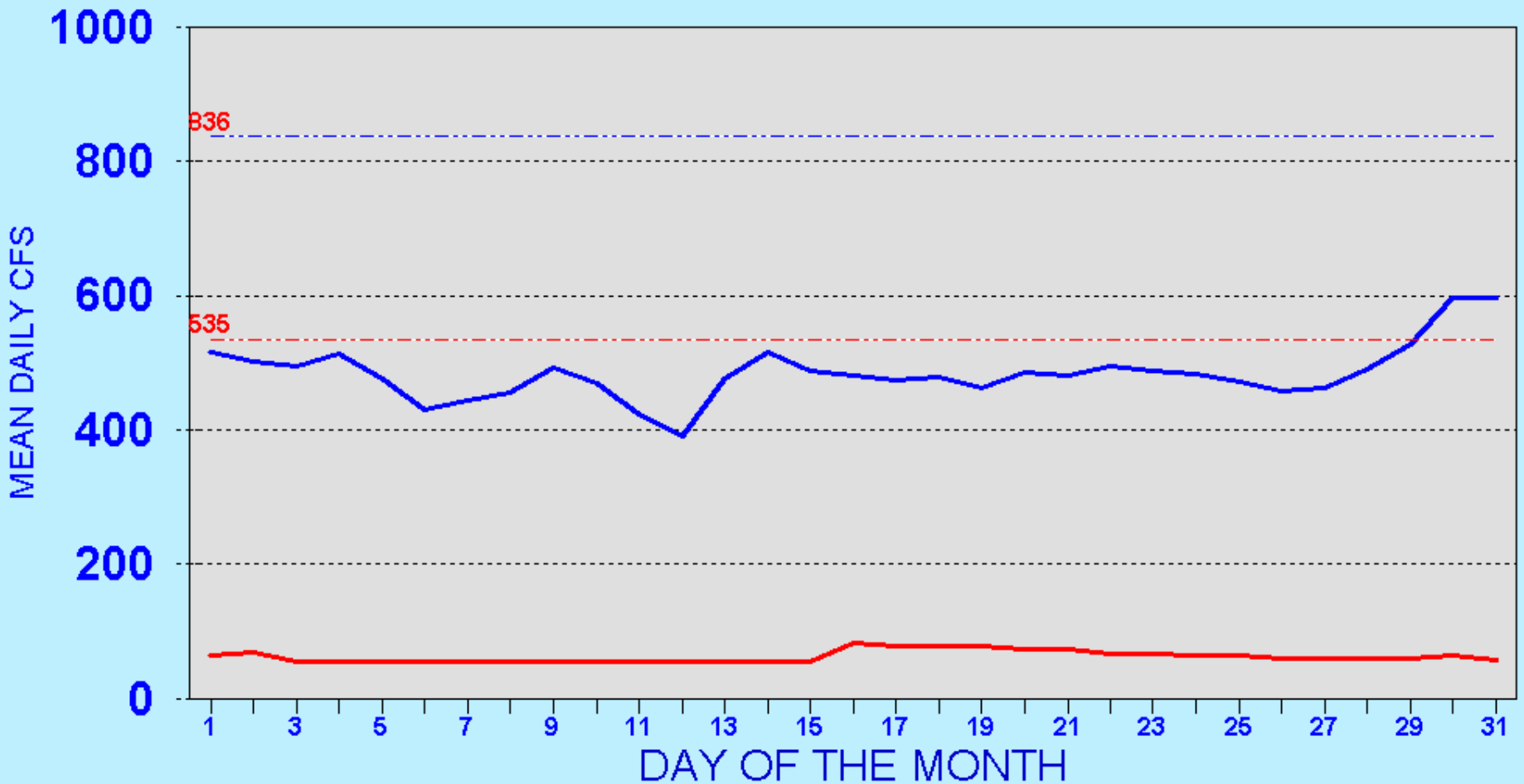
— KERSEY

— JULESBURG

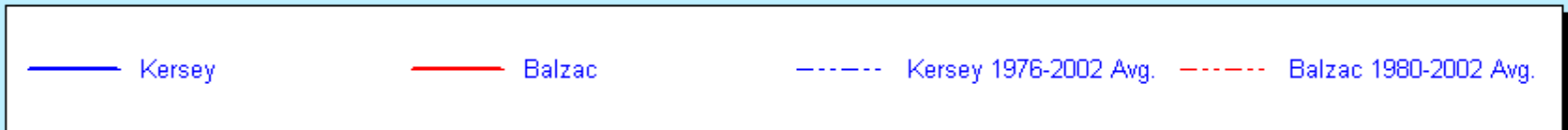
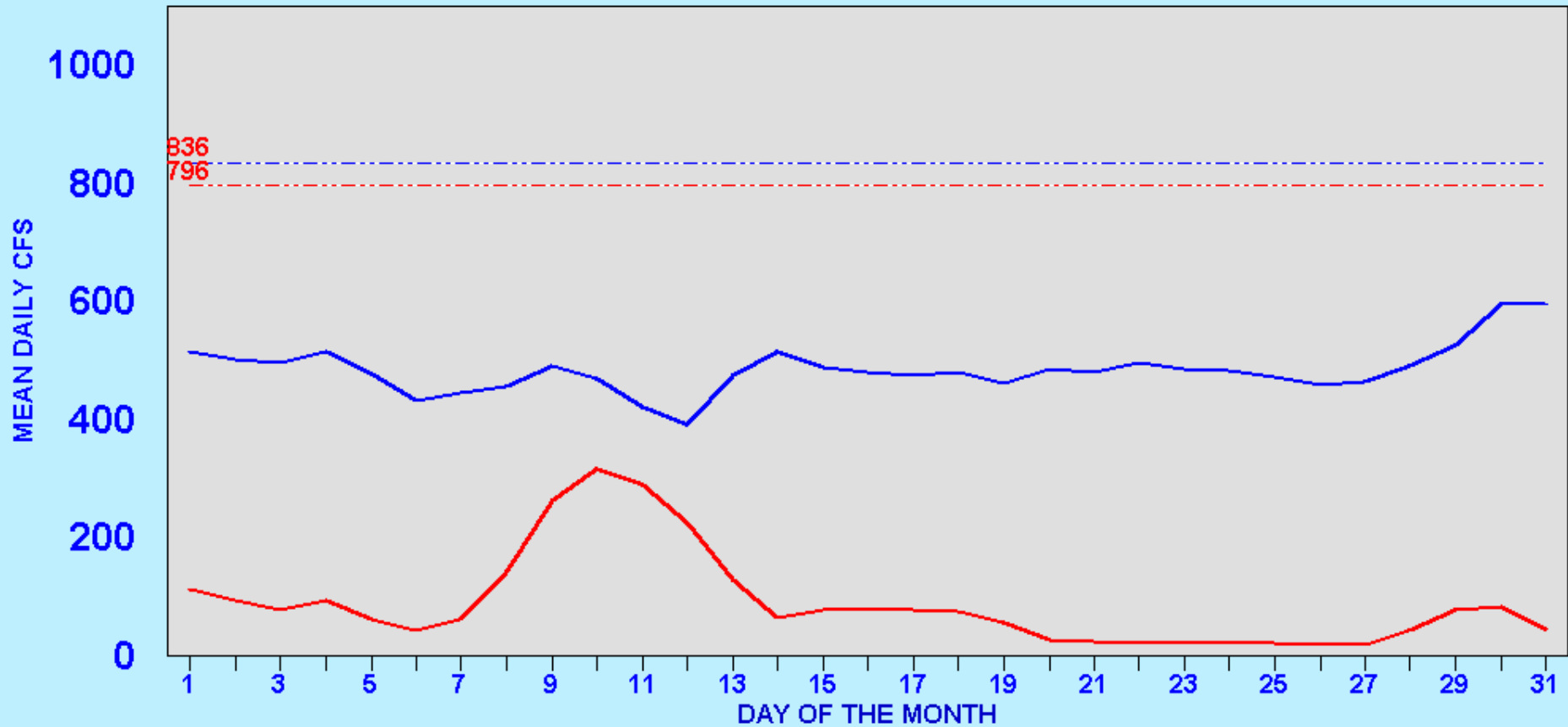
- - - Kersey 1976-2002 Avg.

- - - Julesburg 1902-2002 Avg.

SOUTH PLATTE RIVER JANUARY 2004



Kersey, Balzac JANUARY 2004



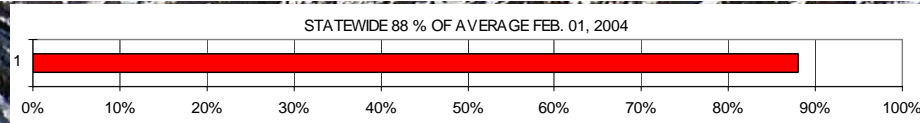
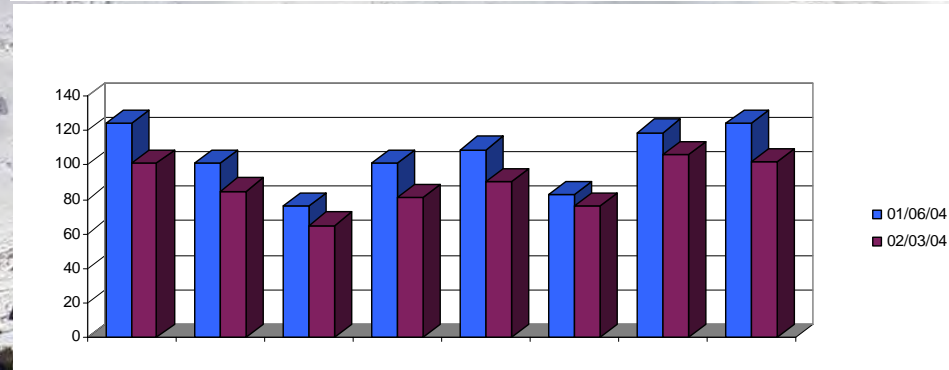
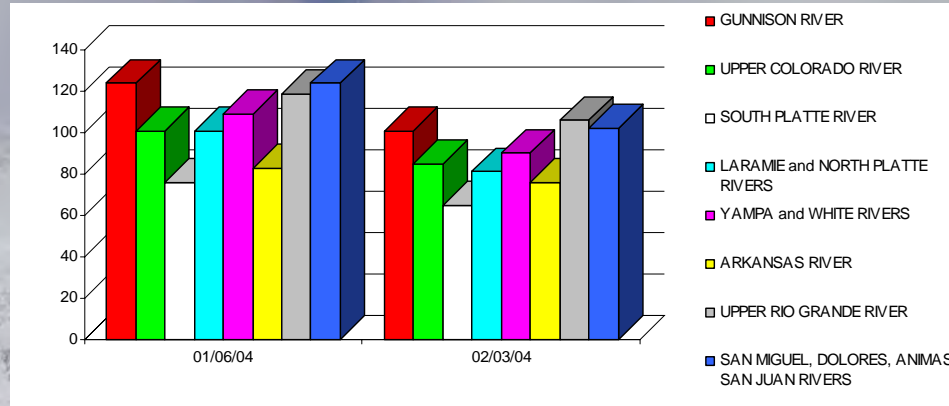
SNOTEL COURSE DATA

PRELIMINARY

SNOW WATER EQUIVALENT

PERCENT OF AVERAGE

BASINS	01/06/04	02/03/04
GUNNISON RIVER	124	101
UPPER COLORADO RIVER	101	85
SOUTH PLATTE RIVER	76	65
LARAMIE and NORTH PLATTE RIVERS	101	81
YAMPA and WHITE RIVERS	109	90
ARKANSAS RIVER	83	76
UPPER RIO GRANDE RIVER	119	106
SAN MIGUEL, DOLORES, ANIMAS, SAN JUAN RIVERS	124	102

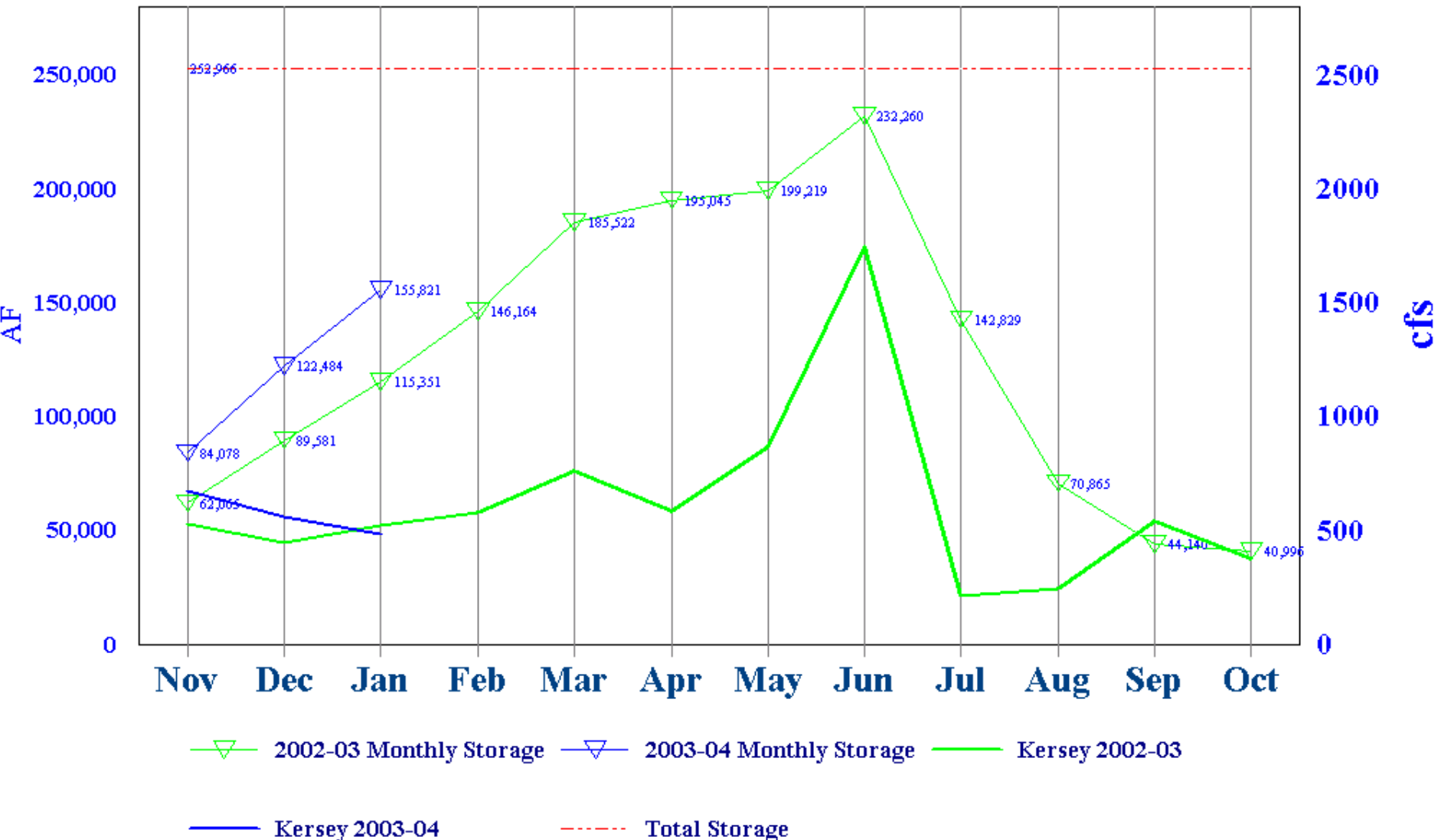


Next 4 slides show Reservoir storage below and above Kersey



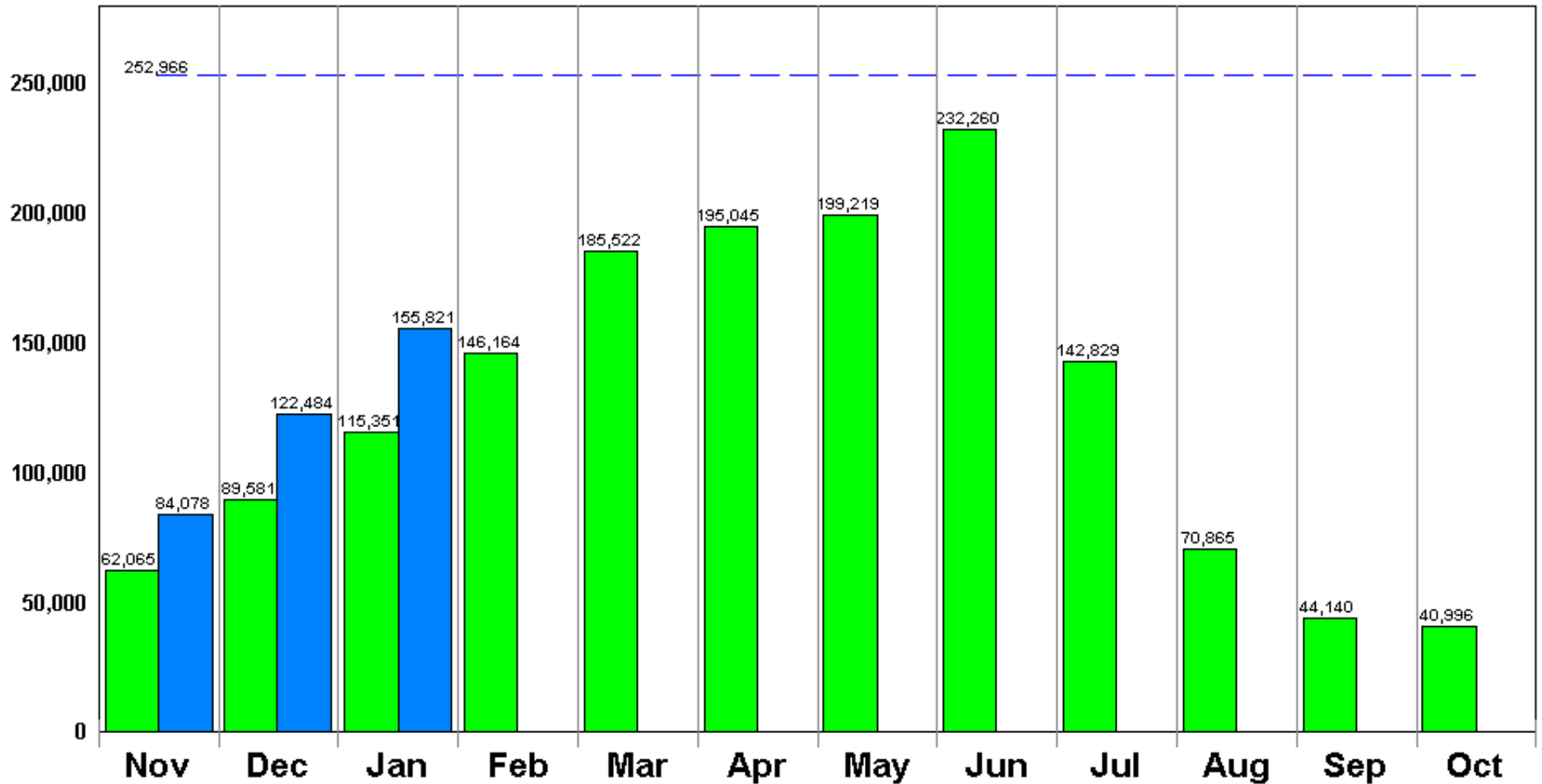
Reservoir Storage below Kersey

Selected Reservoirs*



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

South Platte Reservoirs Storage below Kersey*

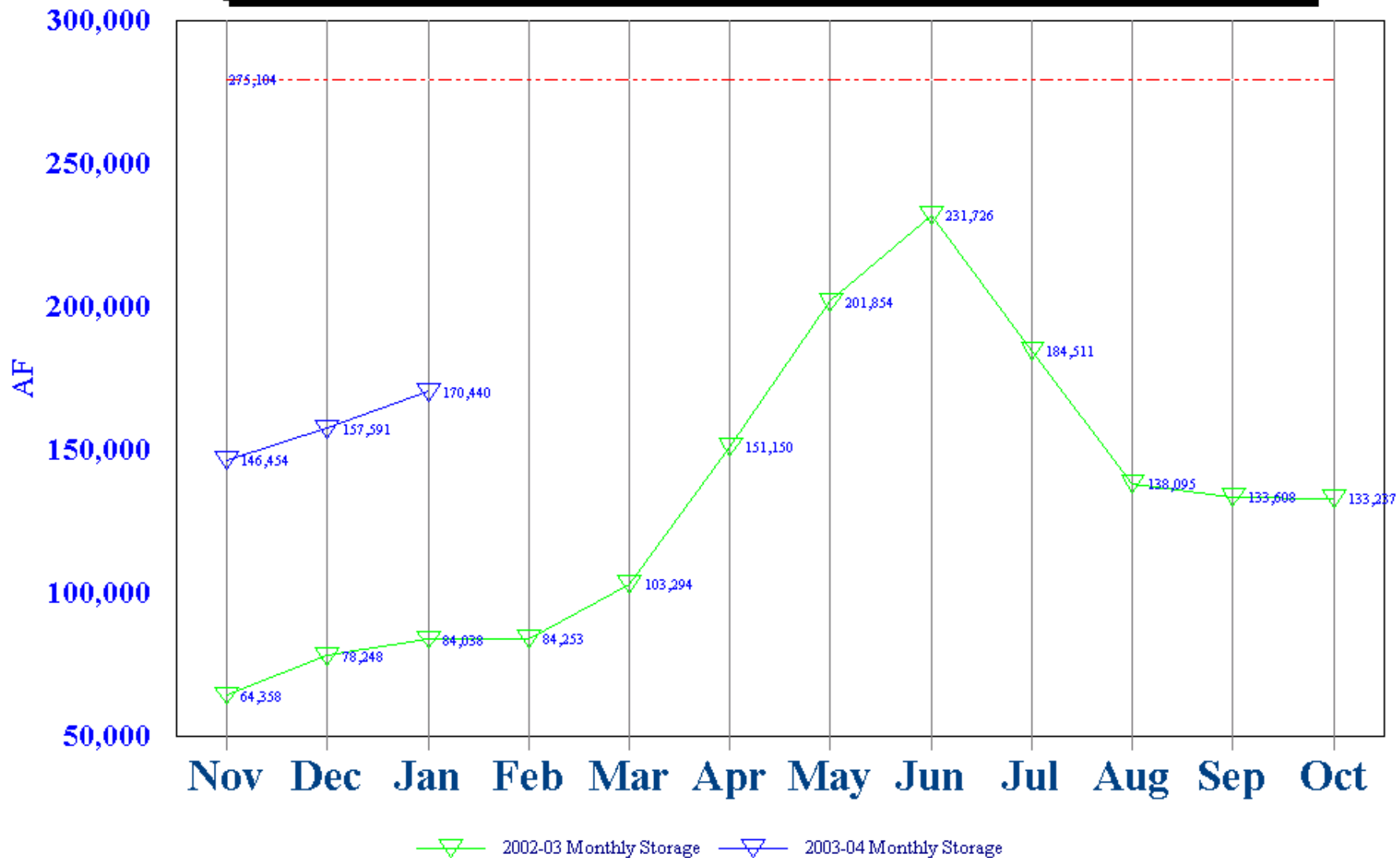


■ Total storage 2002-03
 ■ Total Storage 2003-04
 - - - Maximum Storage

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

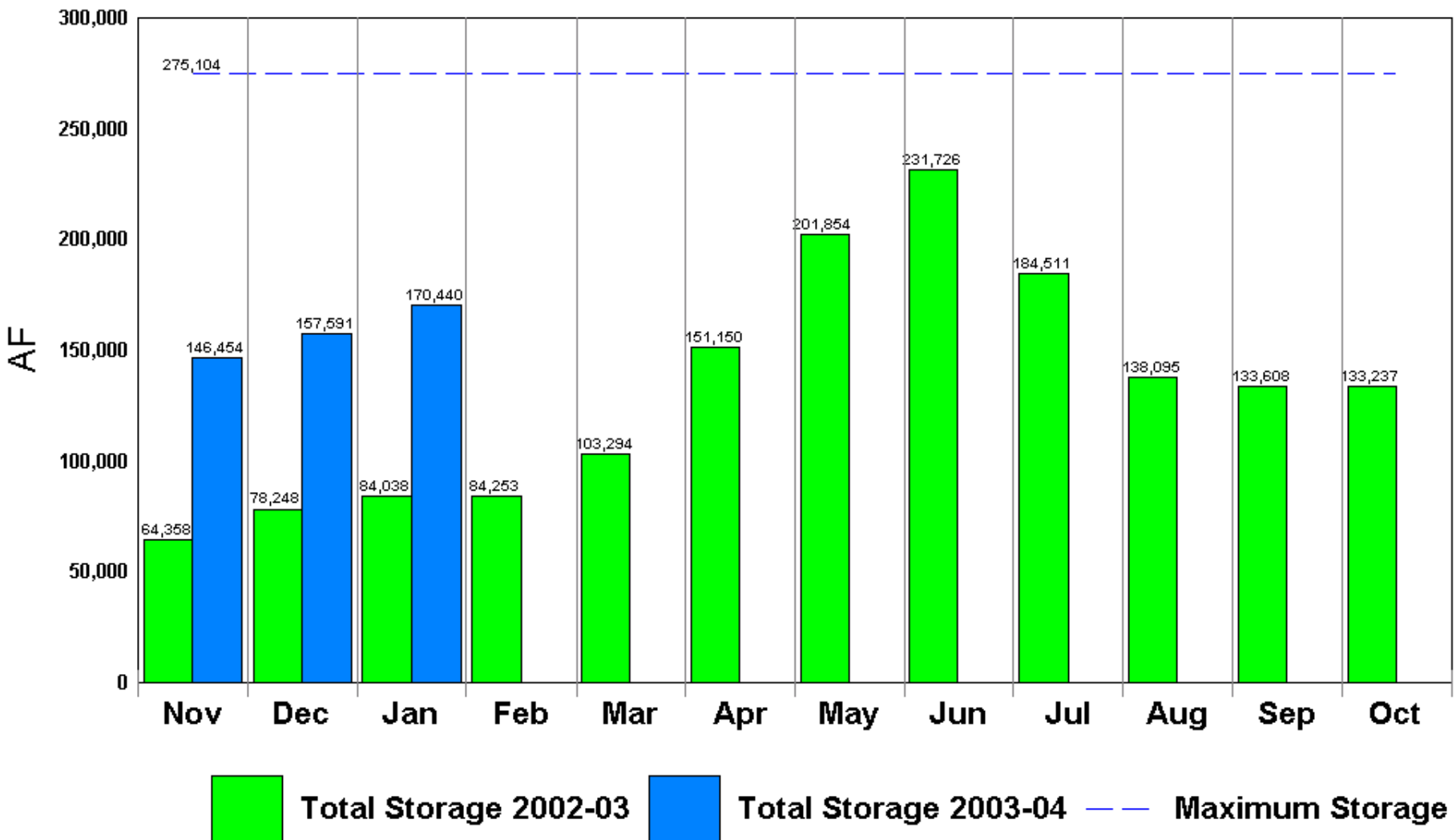
Reservoir Storage above Kersey

Selected Reservoirs*



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

South Platte Reservoirs Storage above Kersey*



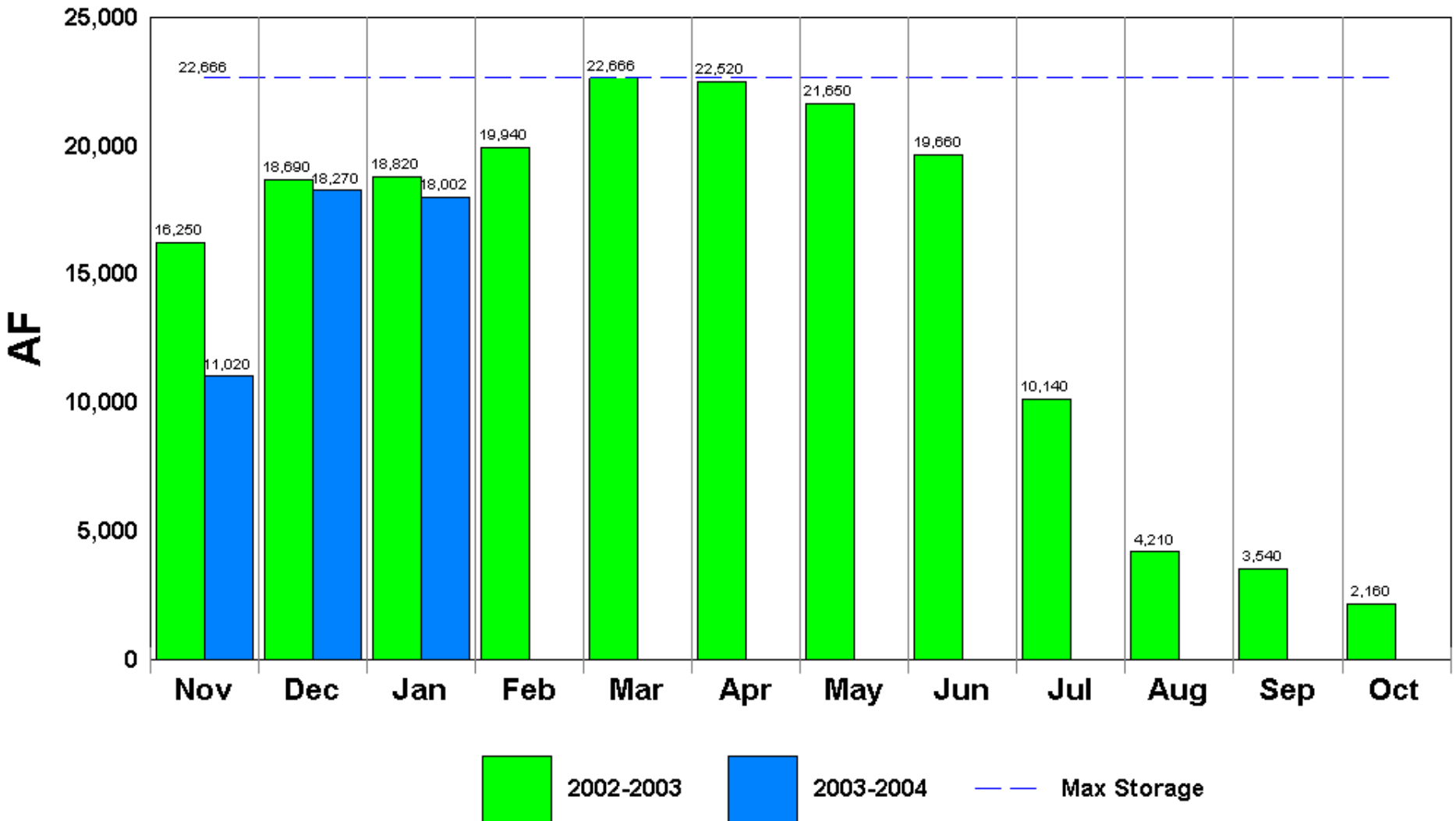
*Barr,Cobb,FossilCrk,Halligan,Marshall,Milton,Union,Standley,LowerLatham,Boyd,Loveland,Windsor,HorseCrk,Prospect. by jhl

Individual Reservoir Storage follows:



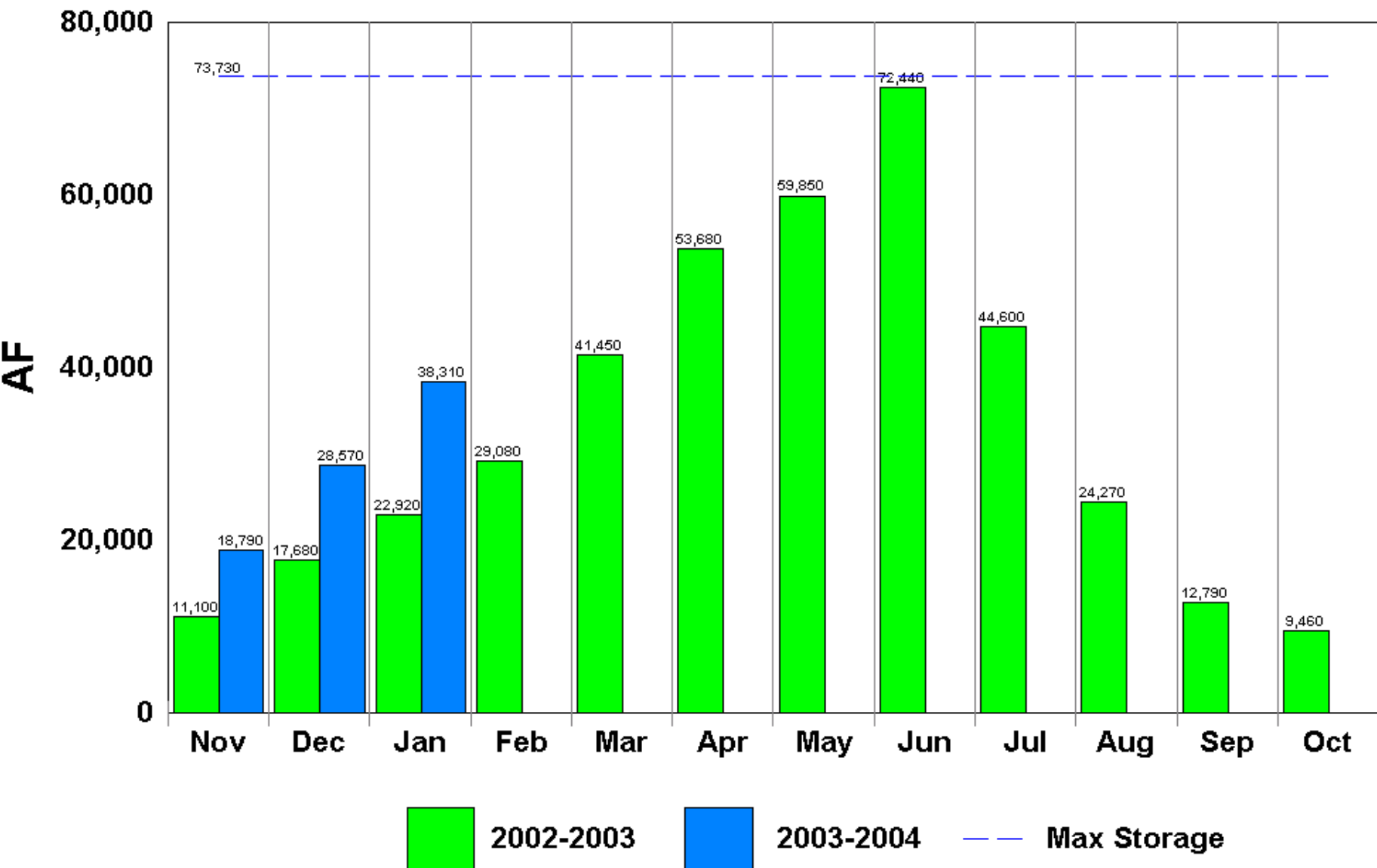
Julesburg Reservoir

(Agricultural)



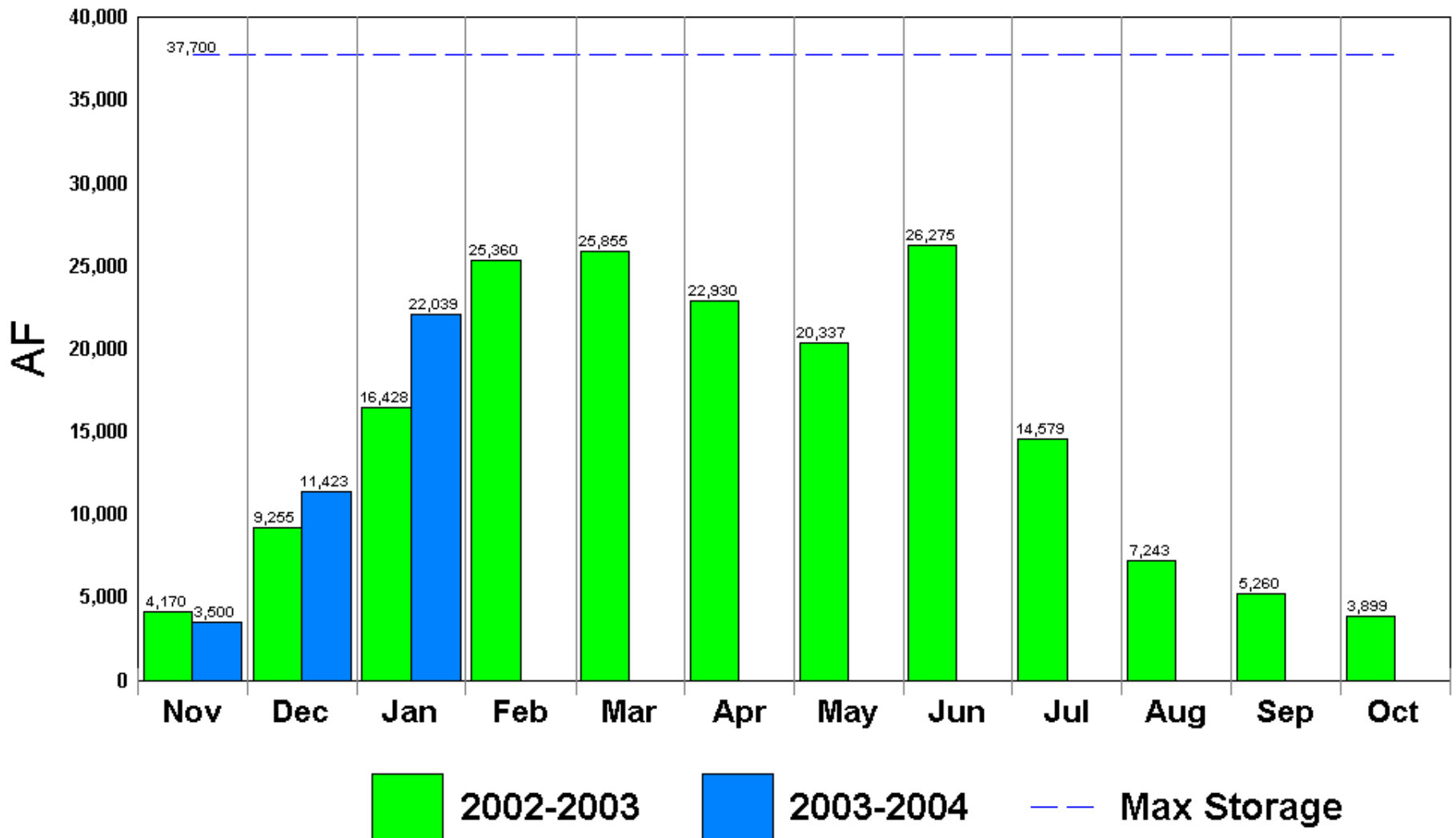
N. Sterling Reservoir

(Agricultural)



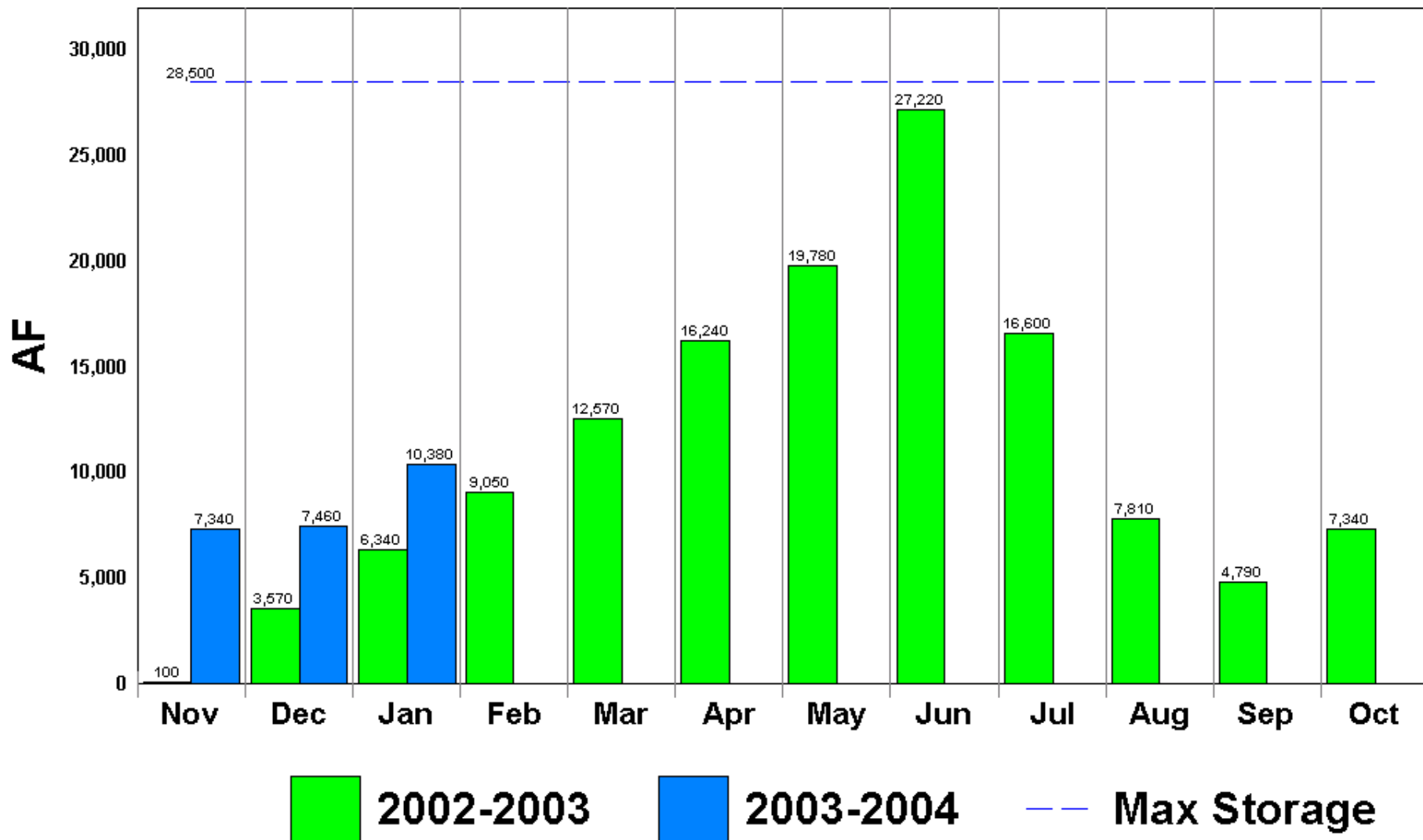
Empire Reservoir

(Agricultural)



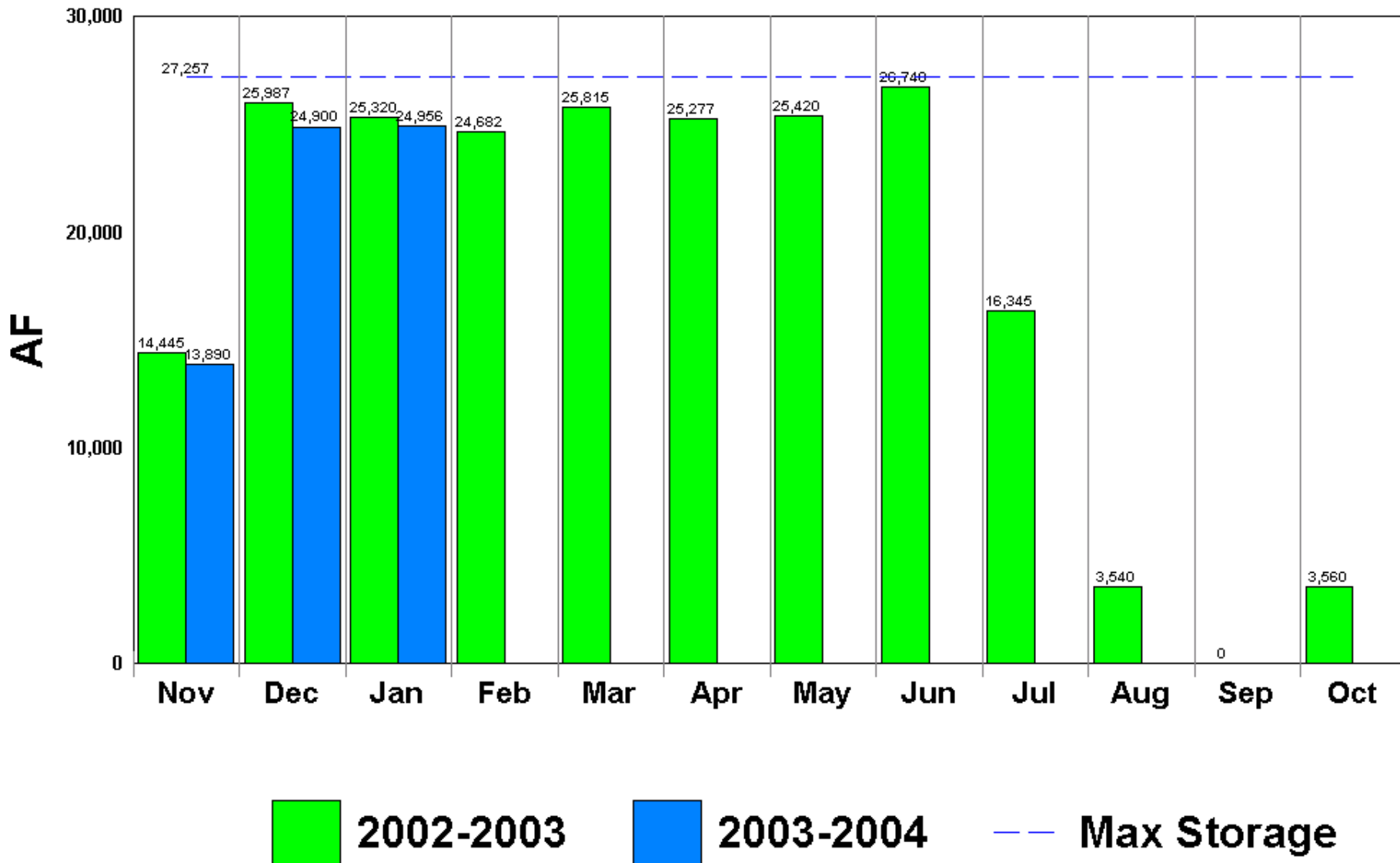
Prewitt Reservoir

(Agricultural)



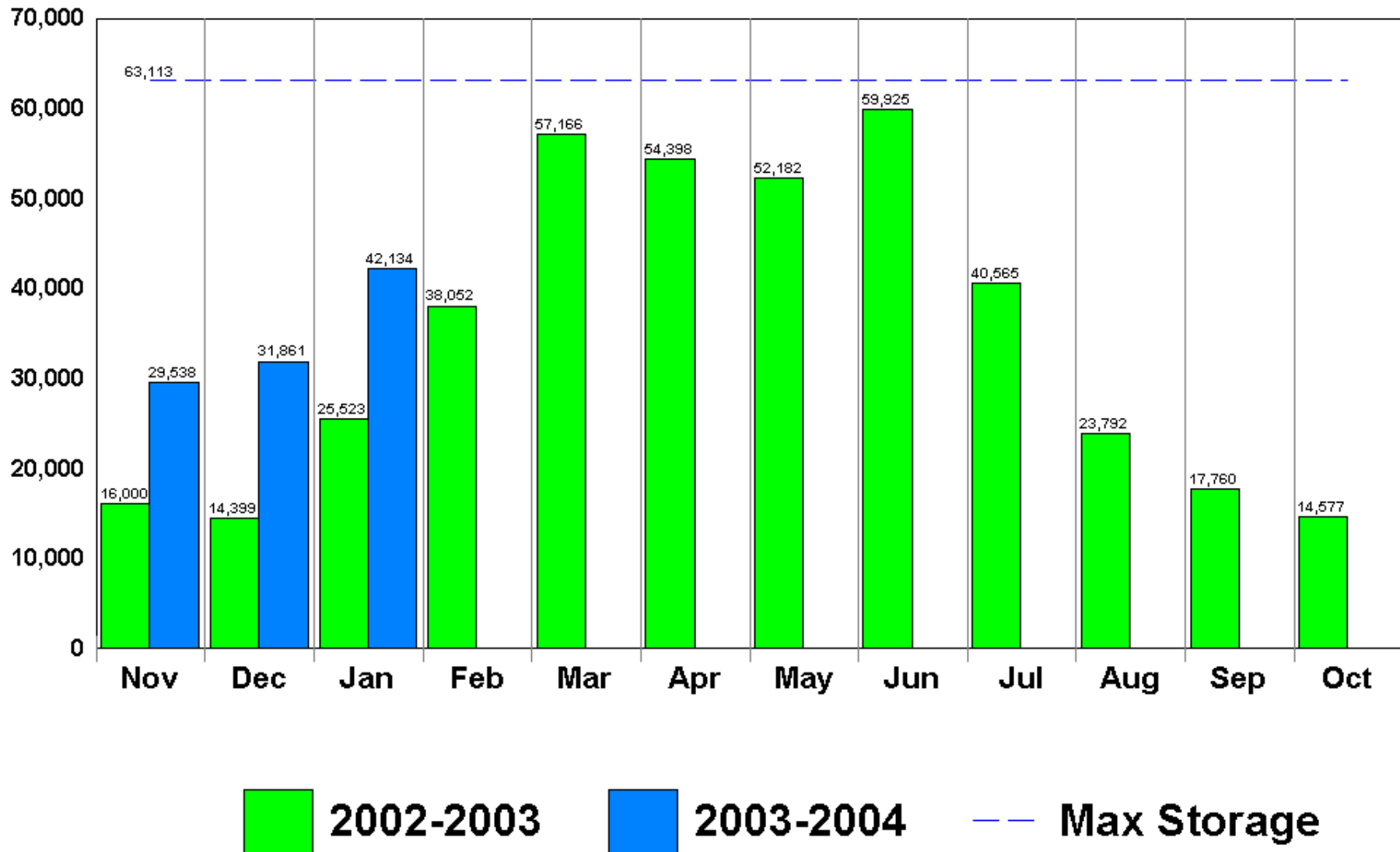
Jackson Reservoir

(Agricultural)



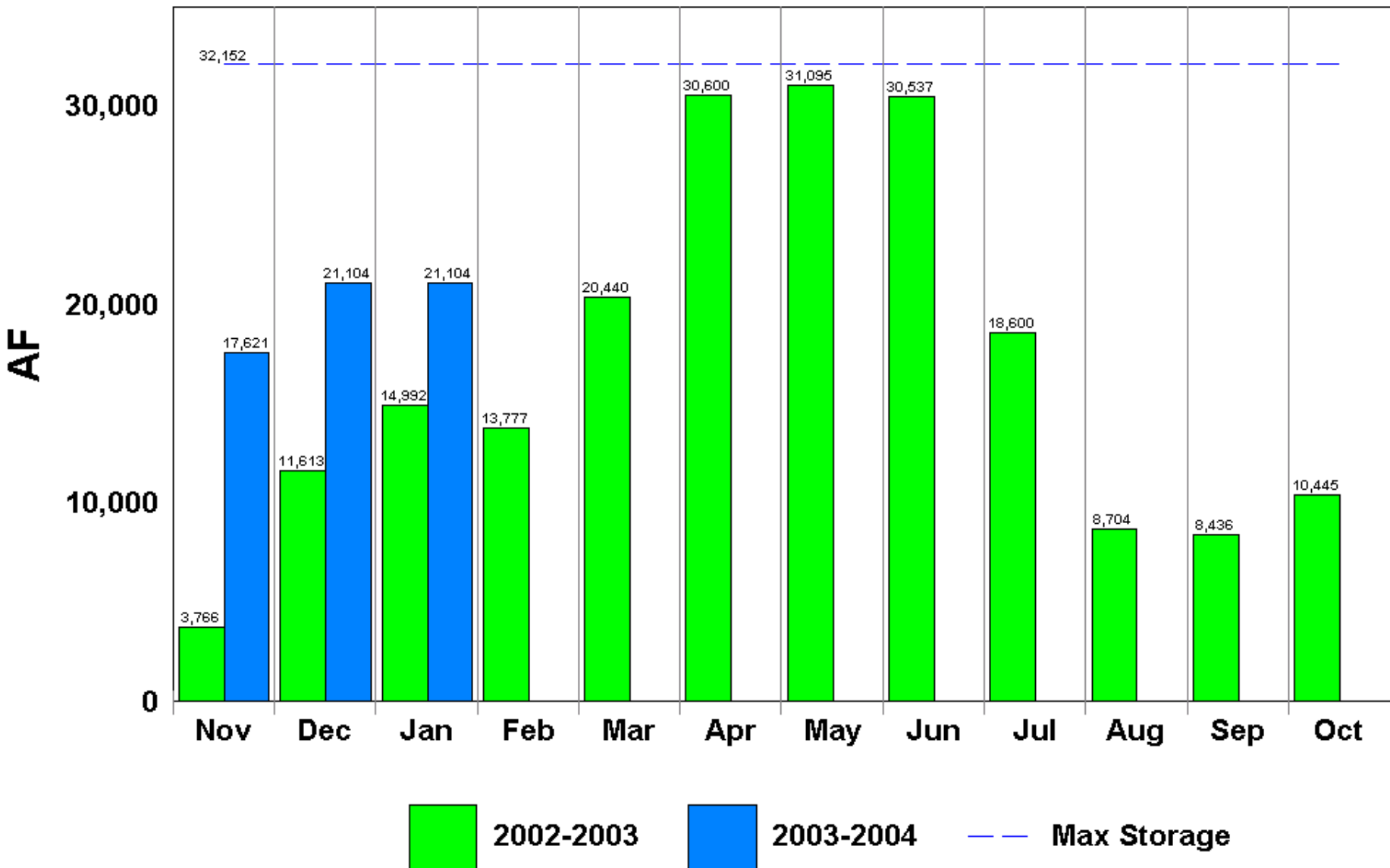
Riverside Reservoir

(Agricultural)



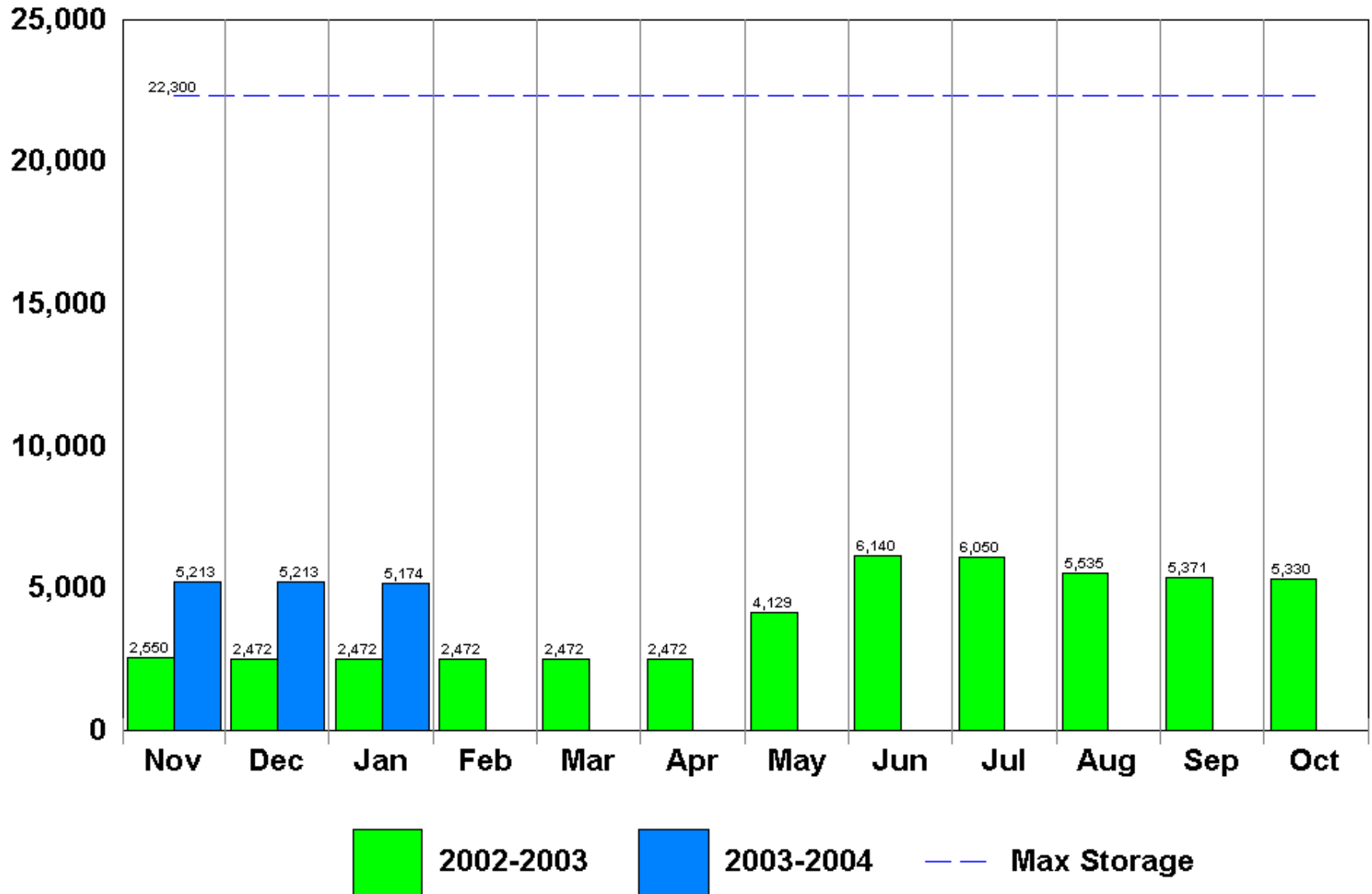
Barr Lake

(Agricultural)



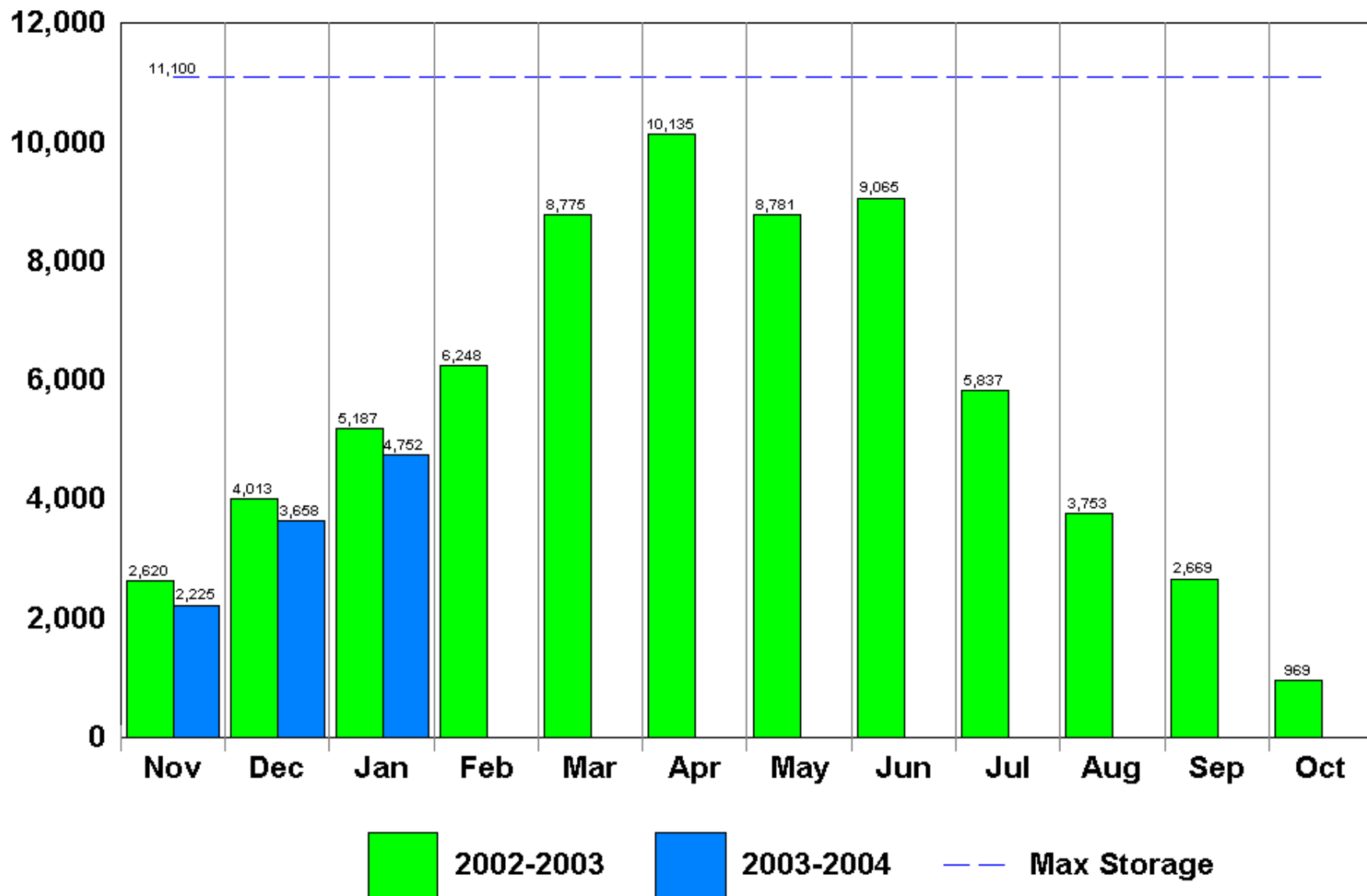
Cobb Lake

(Agricultural)



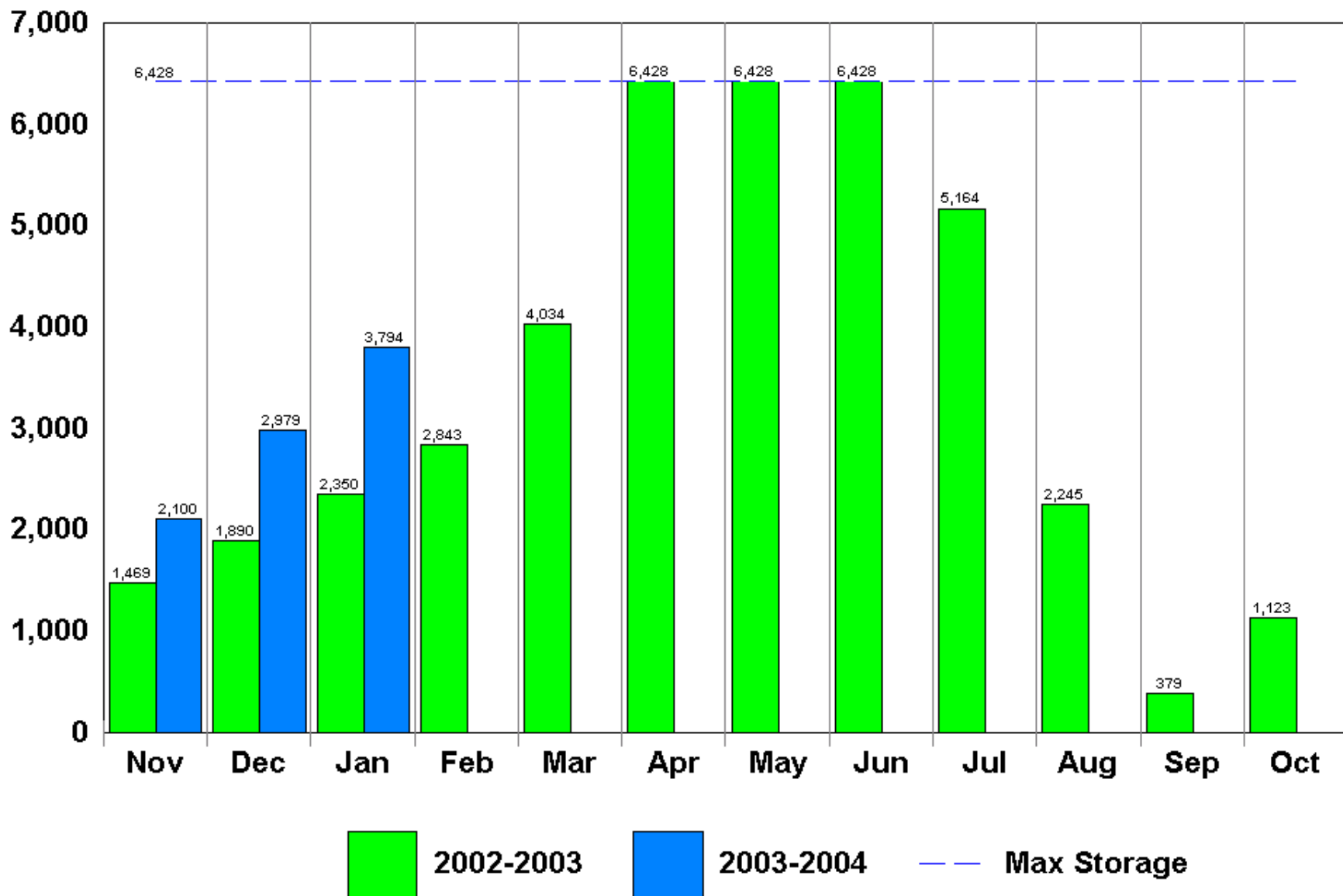
Fossil Creek Reservoir

(Agricultural)



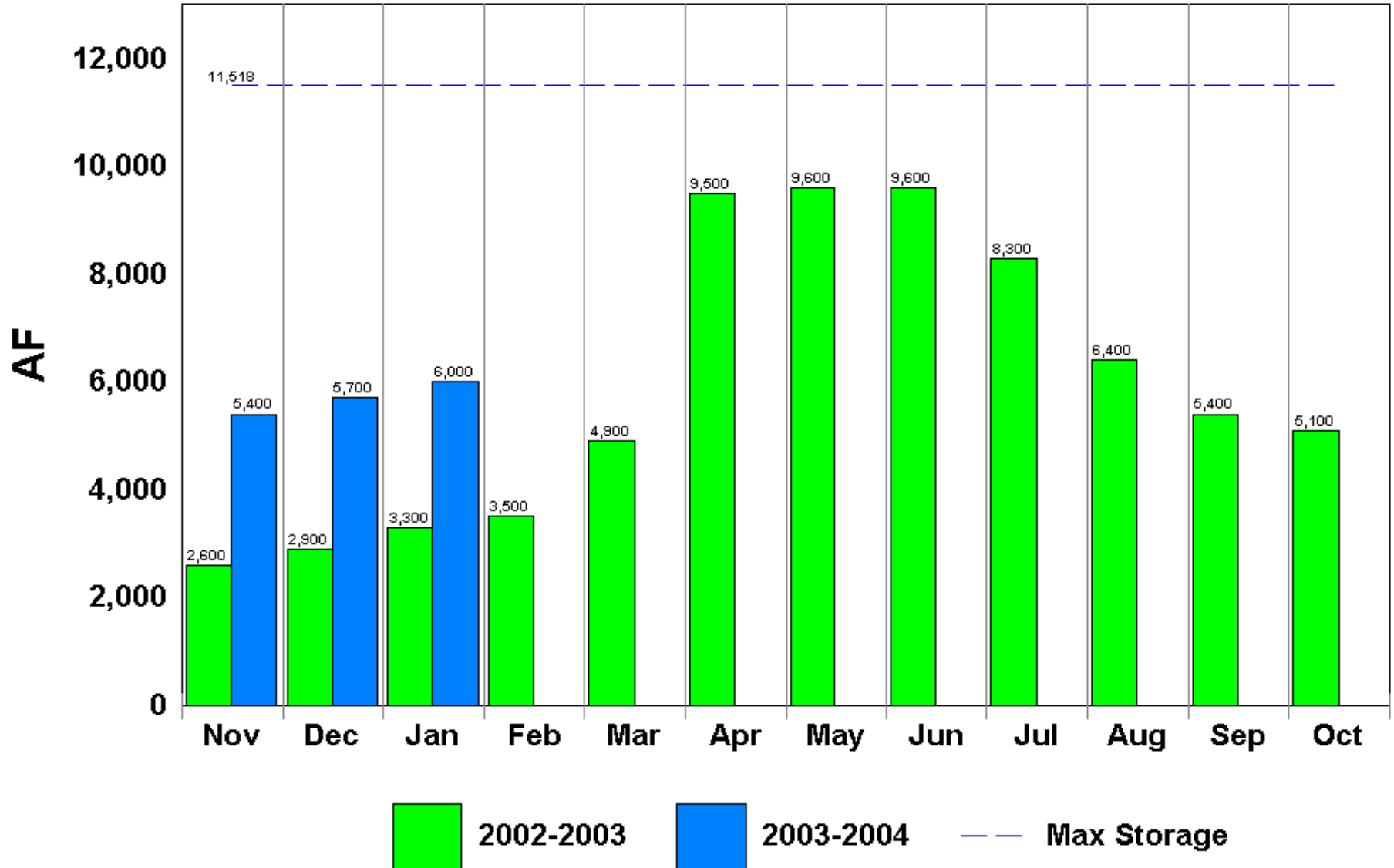
Halligan Reservoir

(Agricultural)



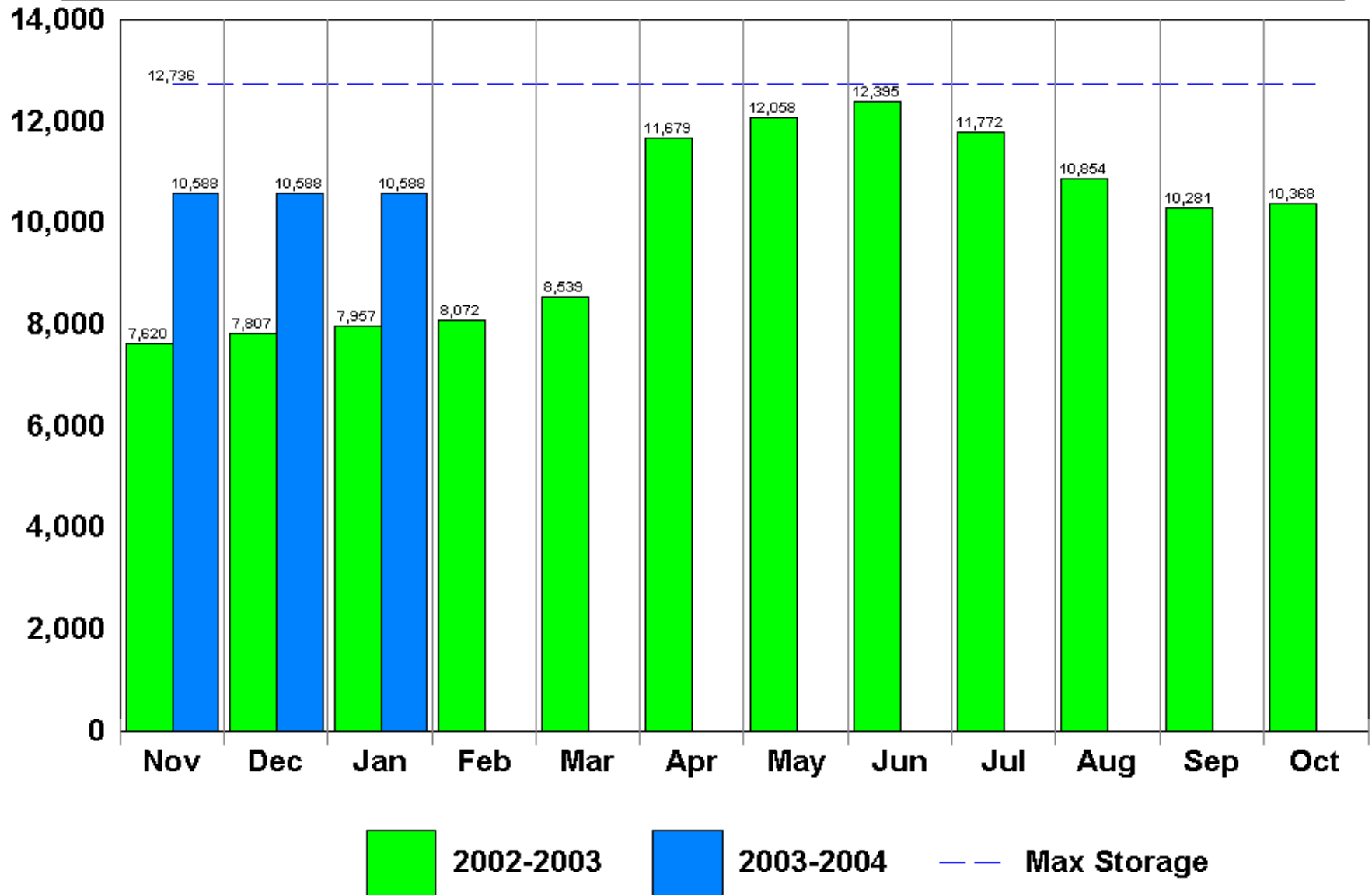
Marshall Lake

(Agricultural)



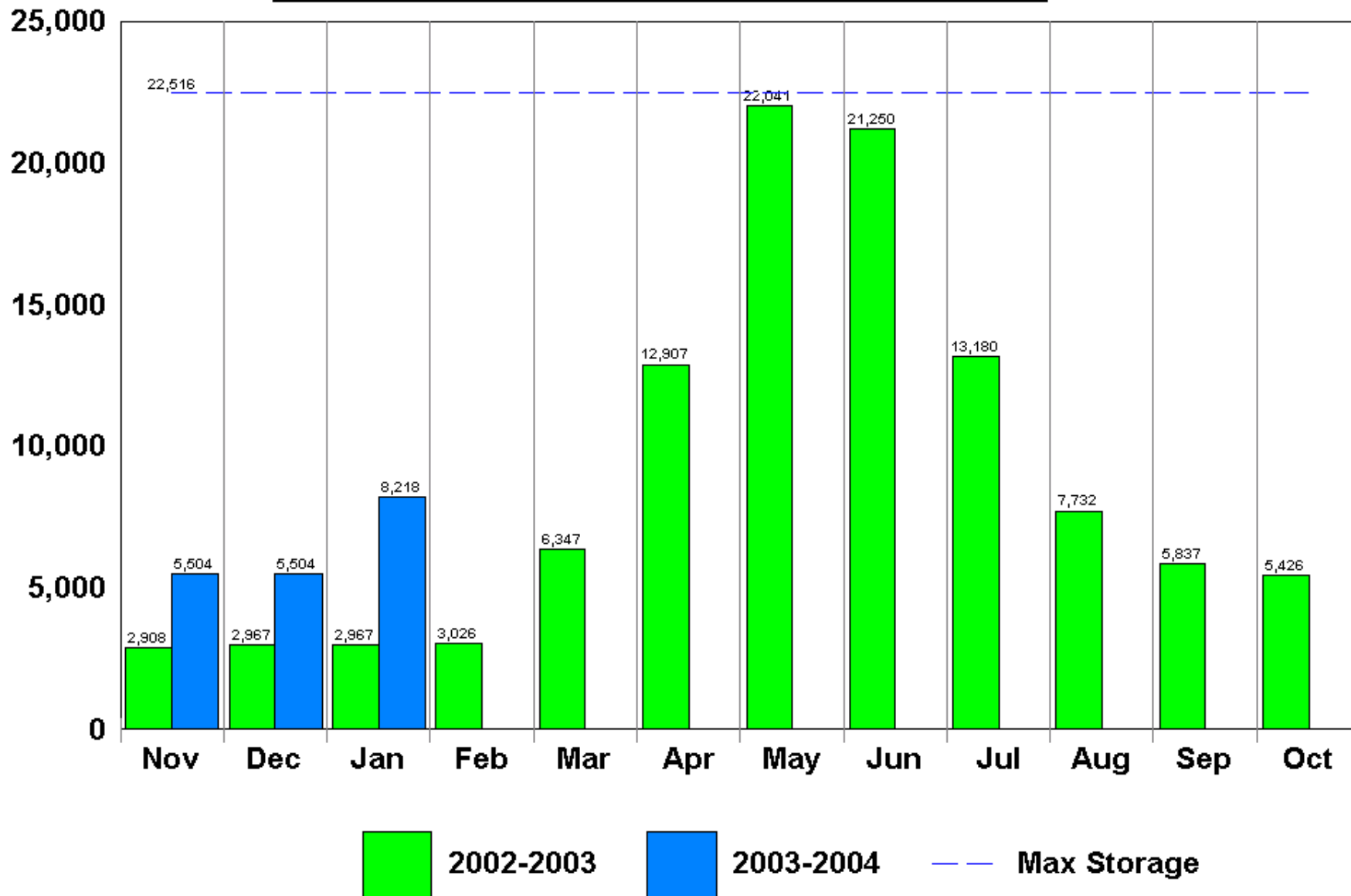
Loveland Greeley Reservoir

(Agricultural)



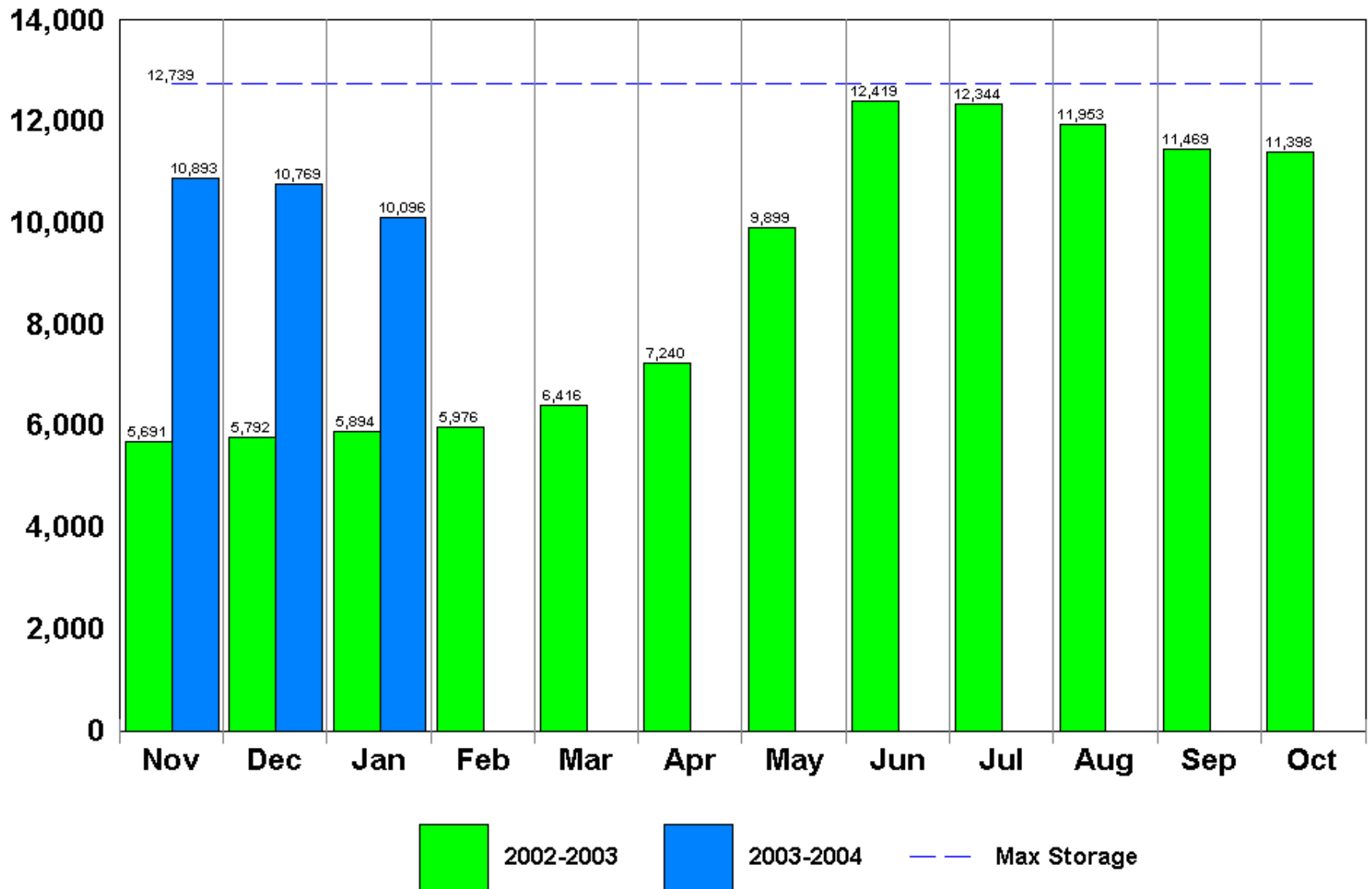
Milton Reservoir

(Agricultural)



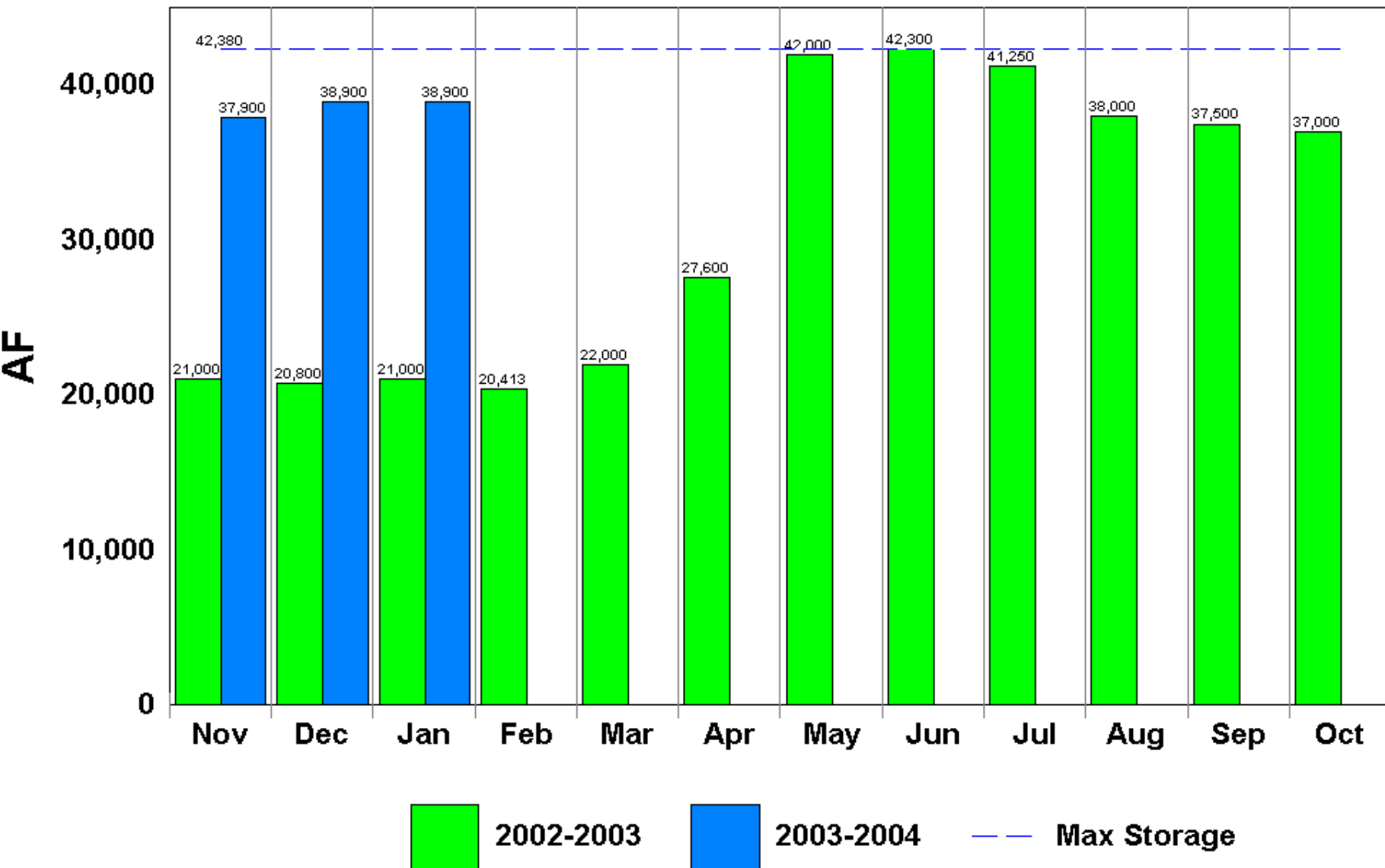
Union Reservoir

(Agricultural)



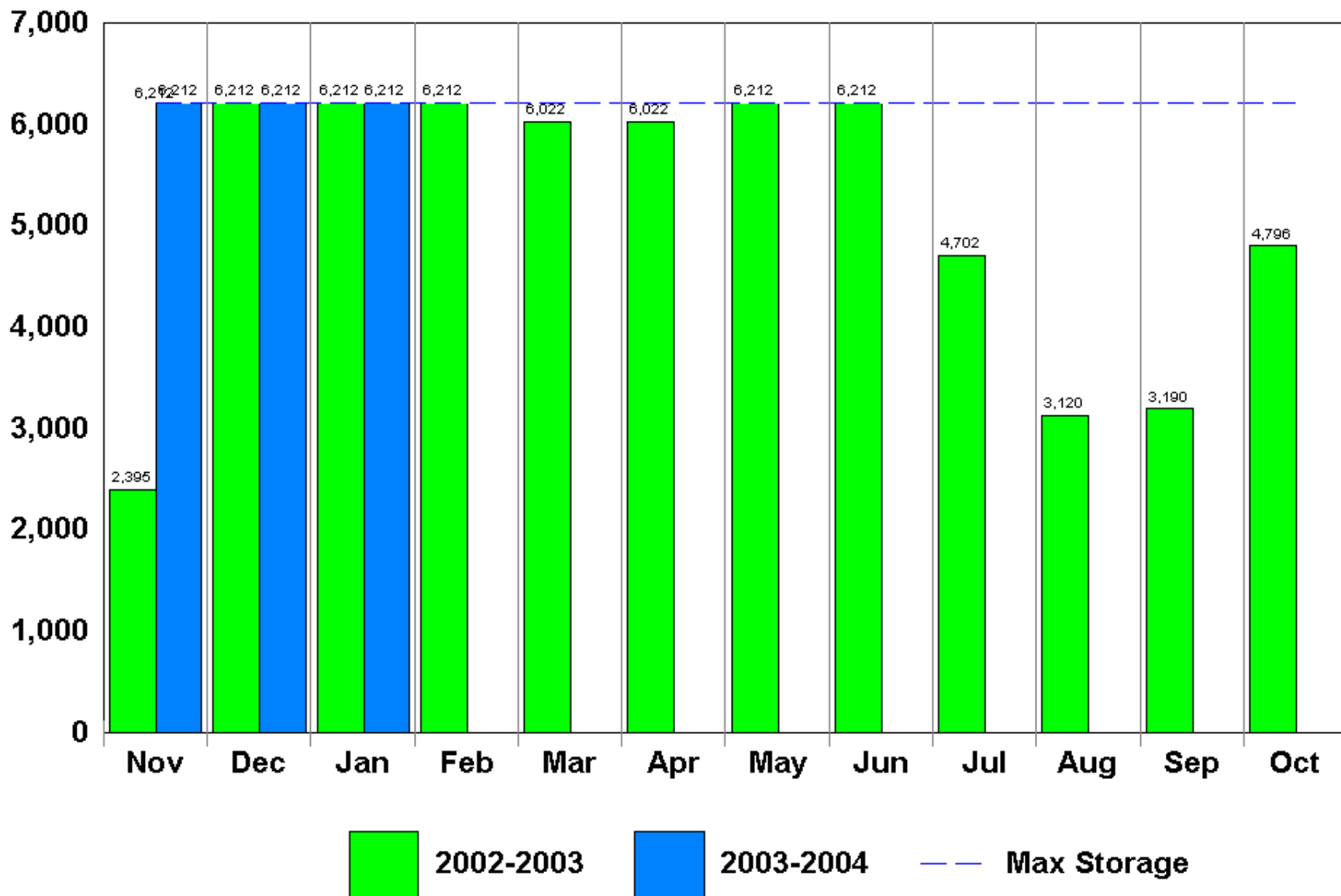
Standley Lake

(Agricultural)



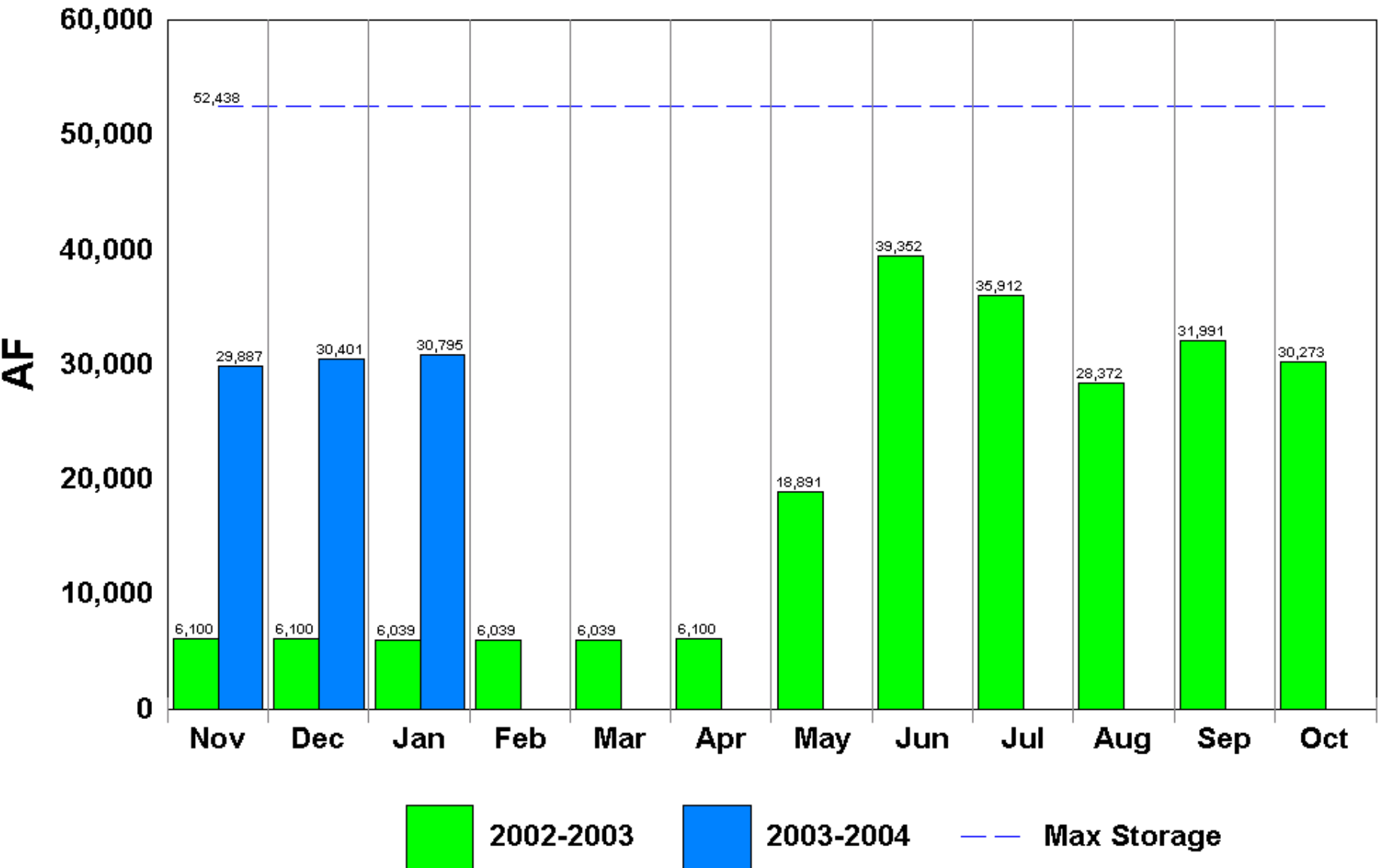
Lower Latham Reservoir

(Agricultural)



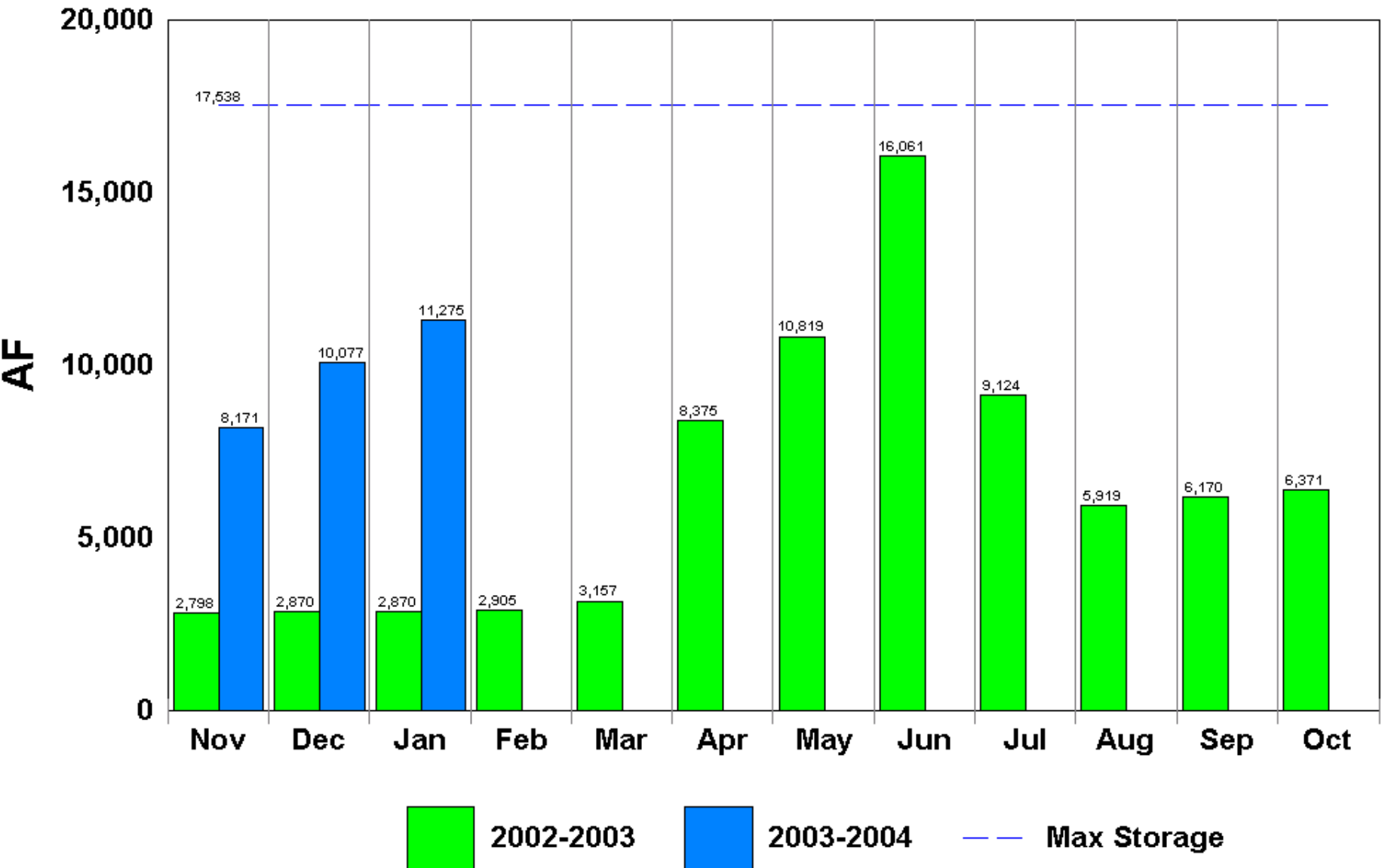
Boyd Lake

(Agricultural)



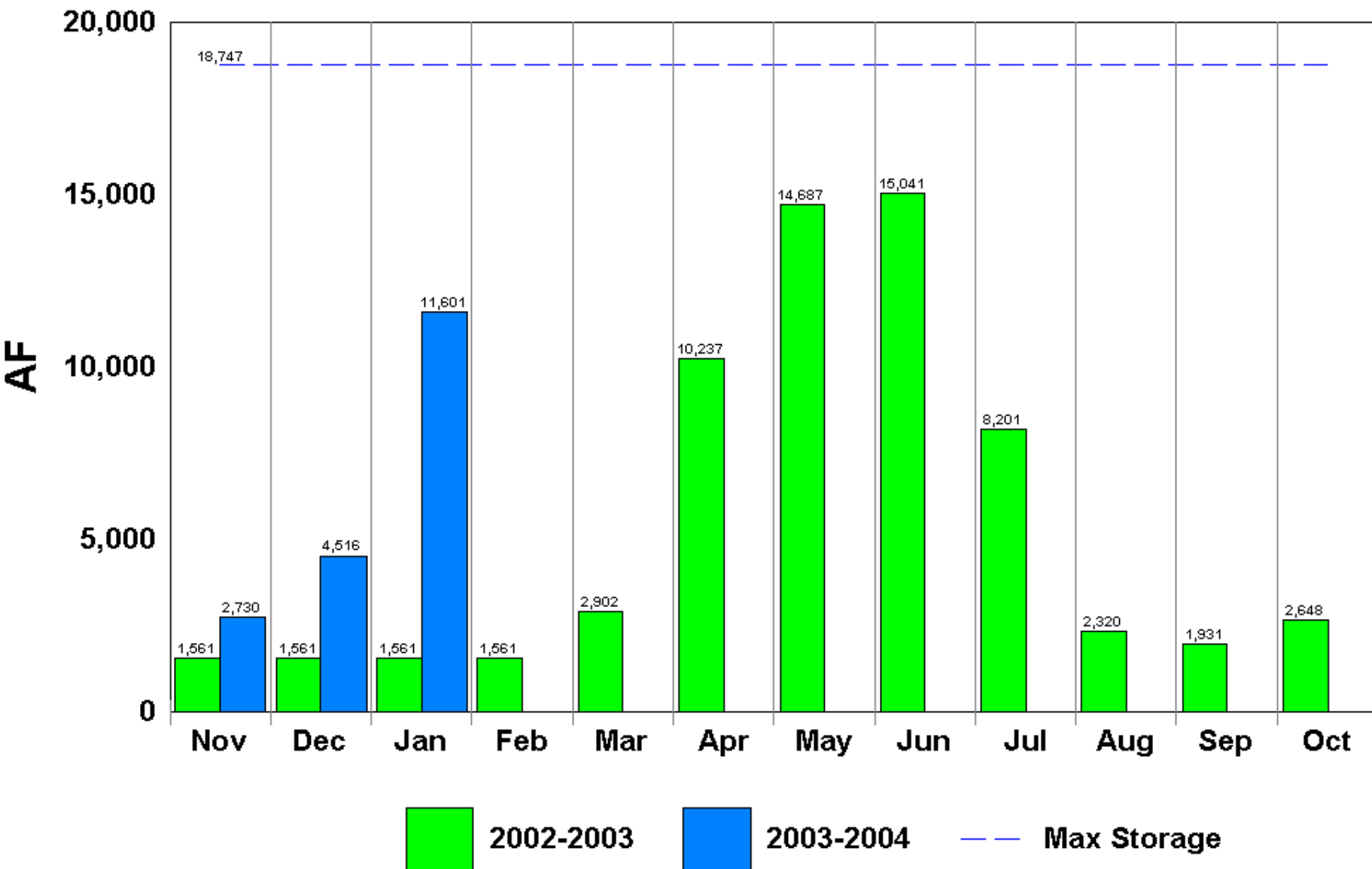
Windsor Reservoir

(Agricultural)



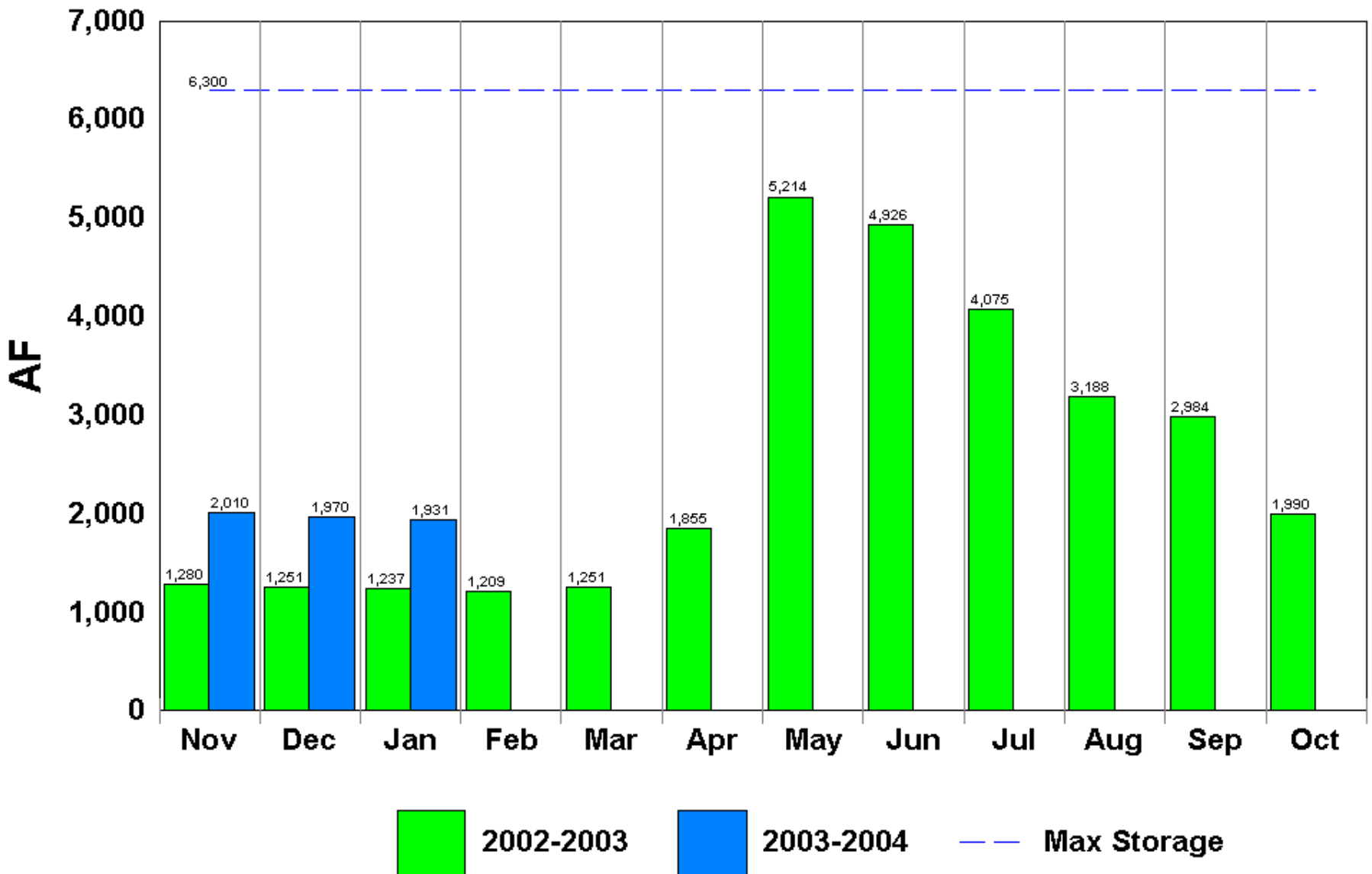
Horse Creek Reservoir

(Agricultural)



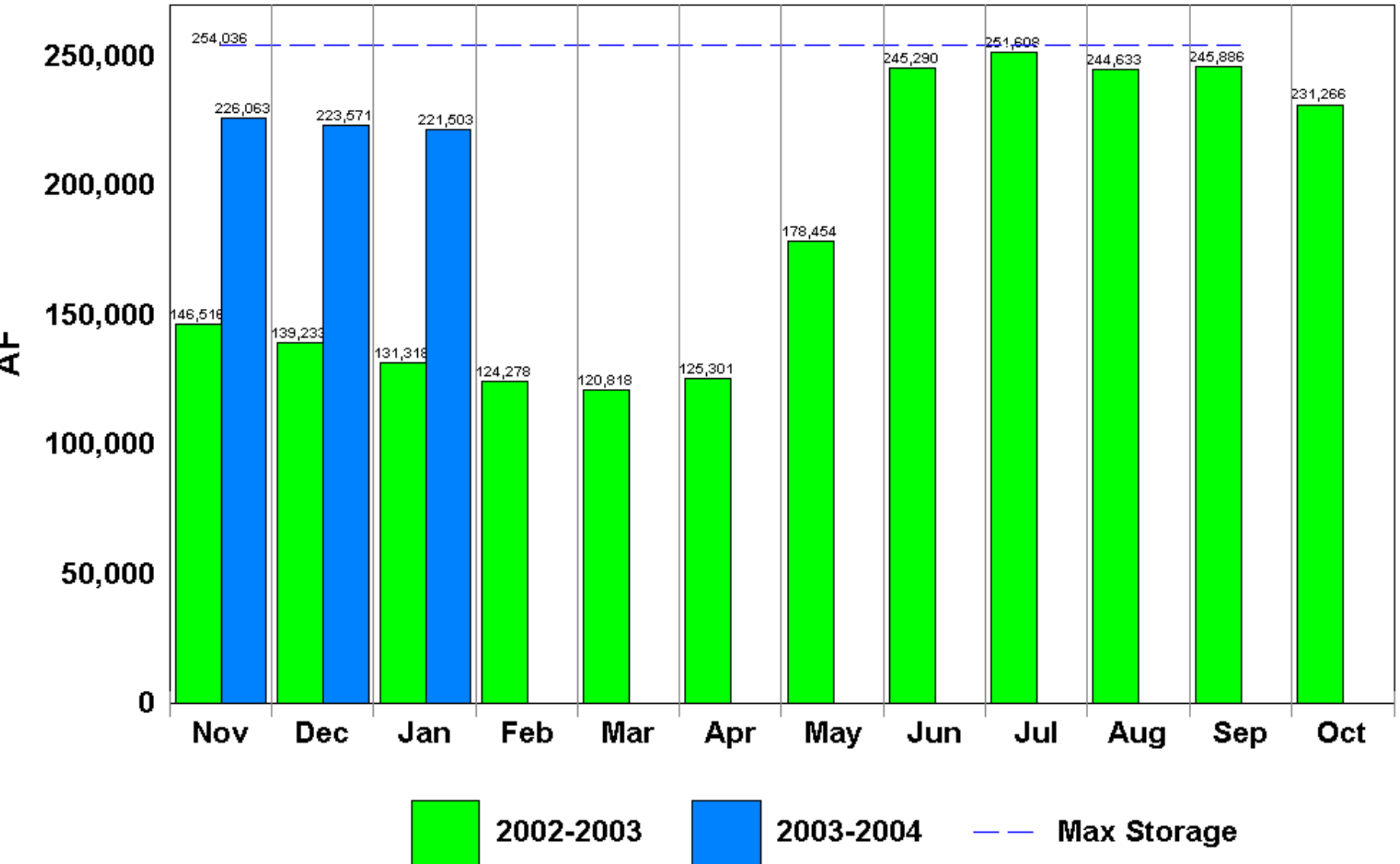
Prospect Reservoir

(Agricultural)



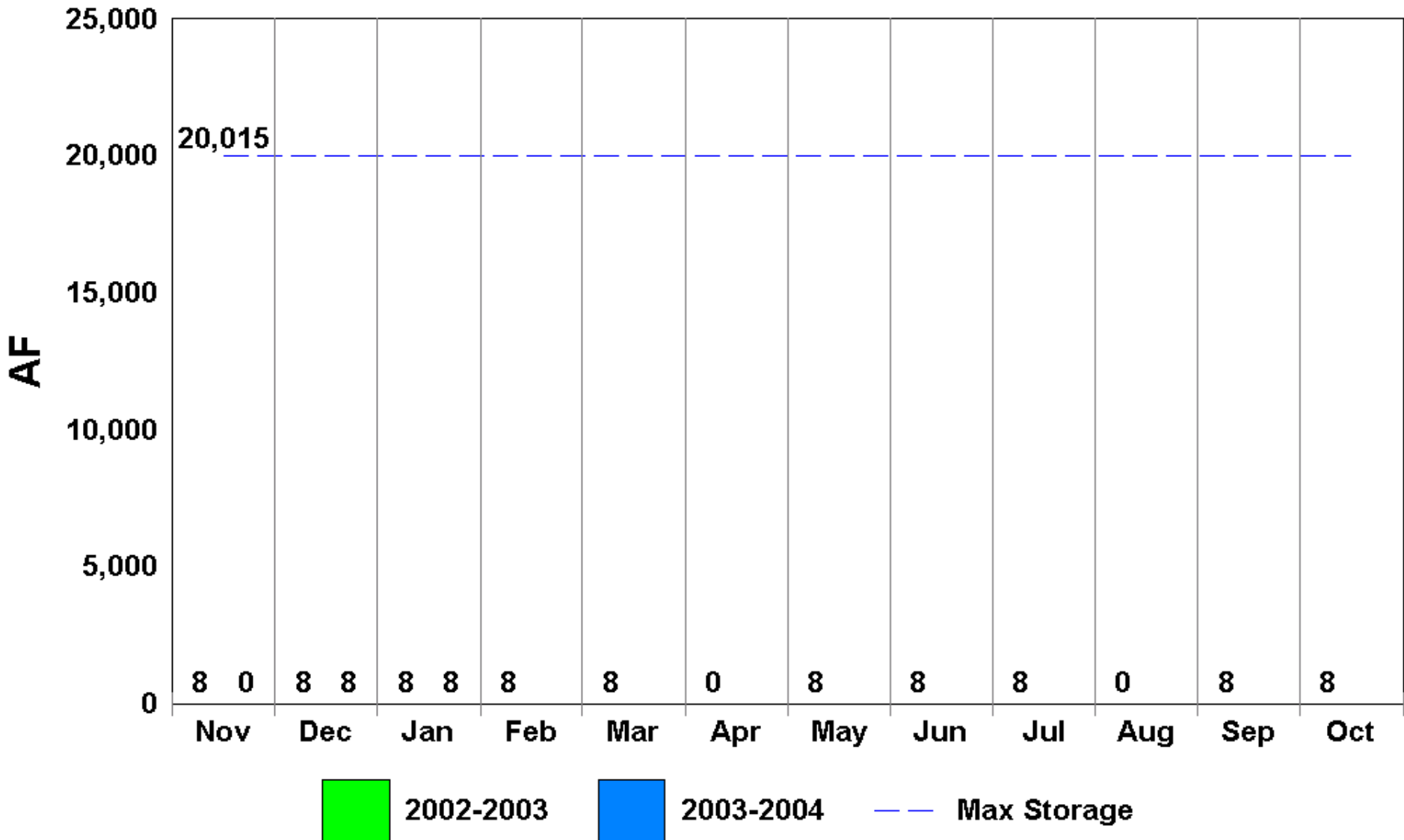
Dillon Reservoir

(Municipal)



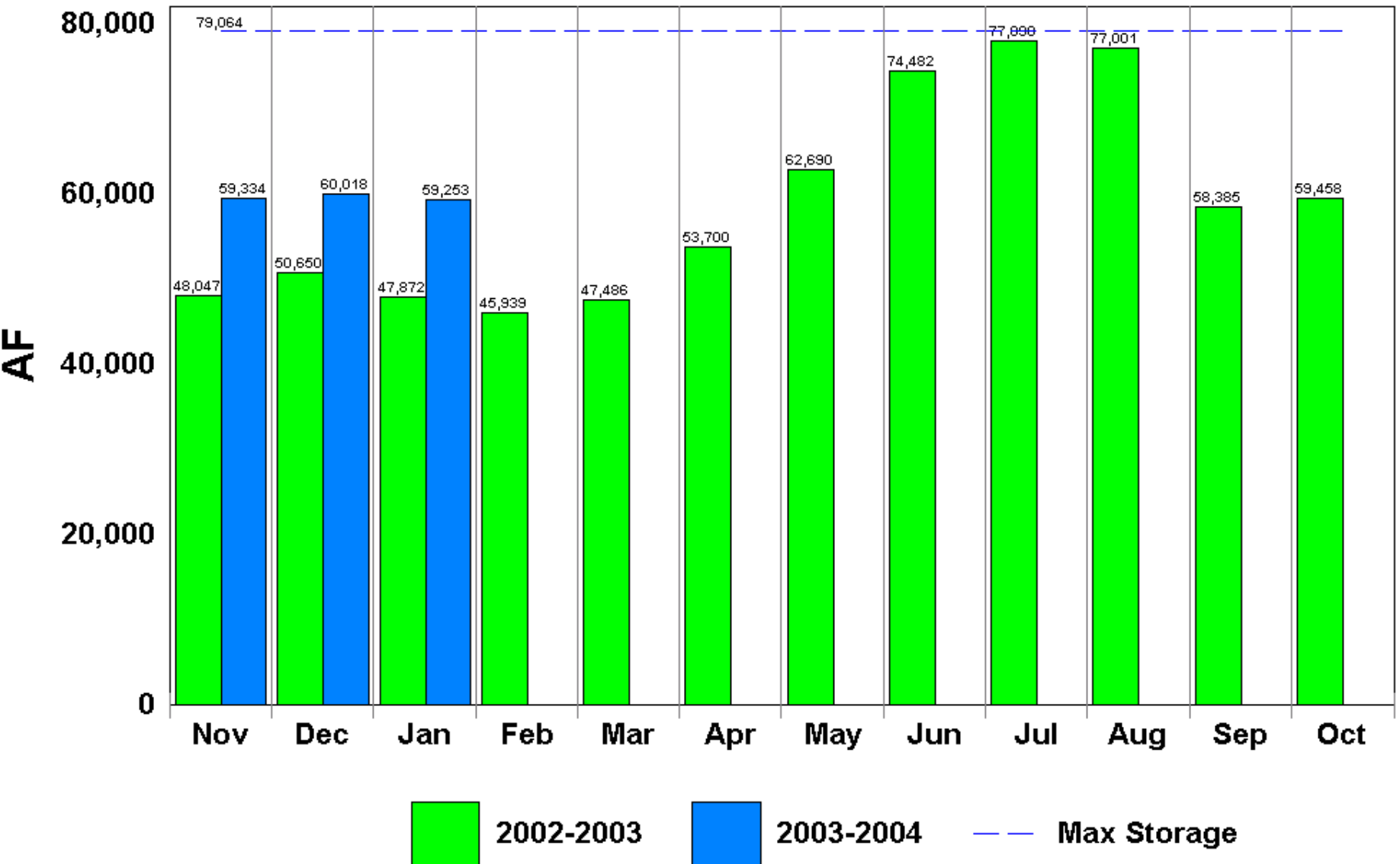
Antero Reservoir

(Municipal)



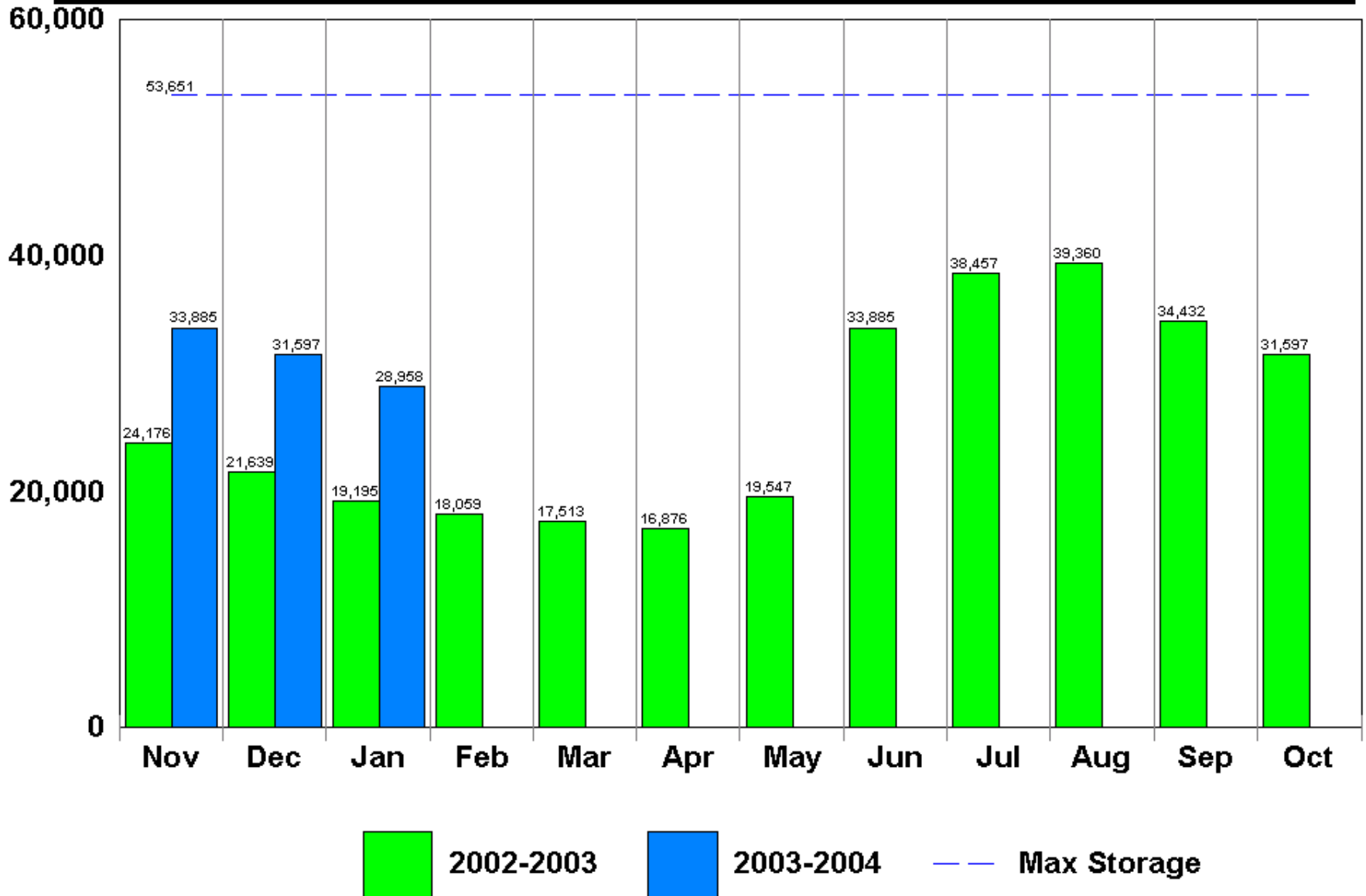
Cheesman Reservoir

(Municipal)



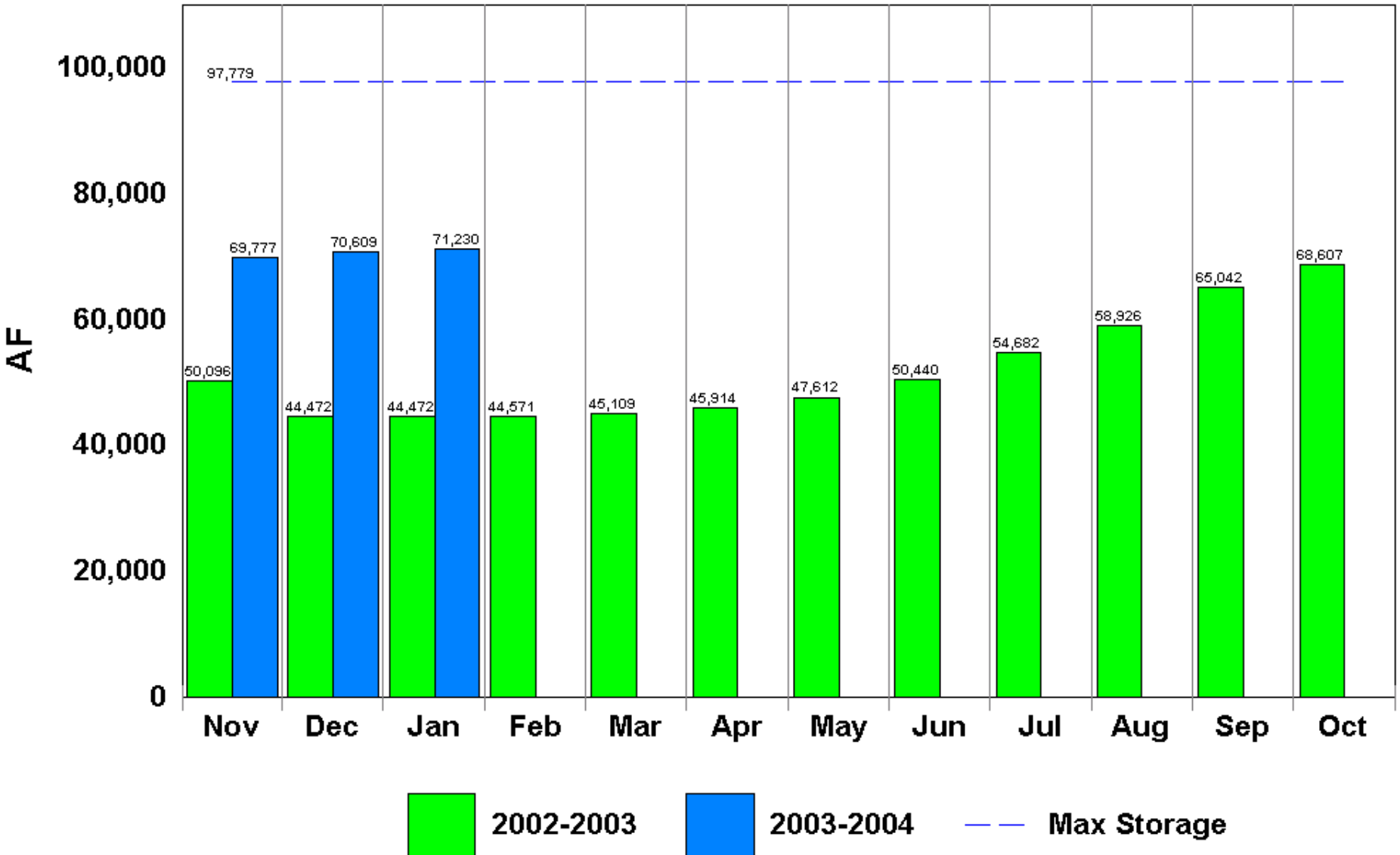
Spinney Mountain Reservoir

(Municipal)

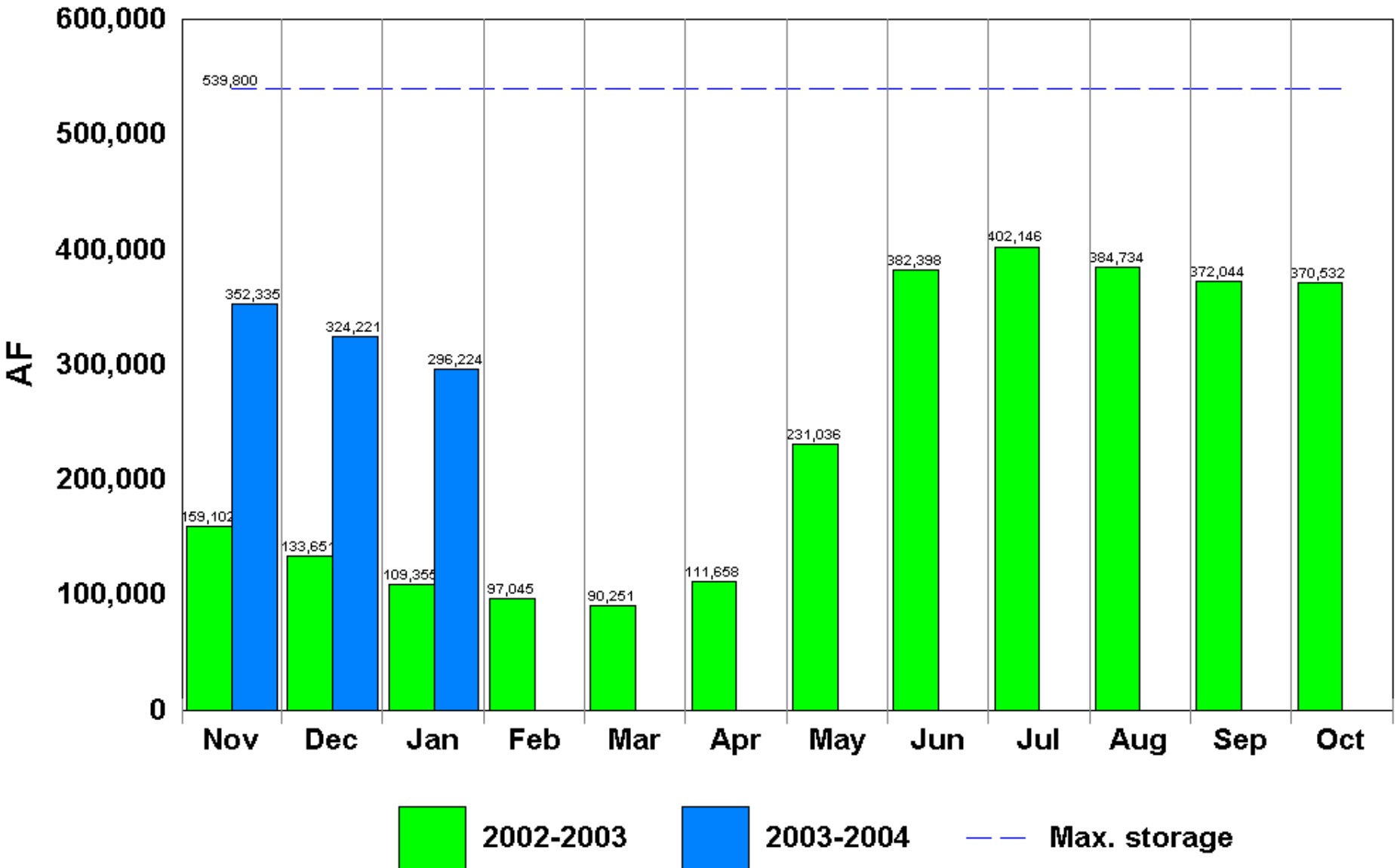


Eleven Mile Reservoir

(Municipal)



Lake Granby



**All data is collected by the personnel of
Division 1 and is subject to revision.**

