

**By John Lochhead for The
Colorado Division of Water
Resources**

South Platte Summary

August 2004

Outlet from Kendrick Lake

COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

MONTH OF AUGUST 2004

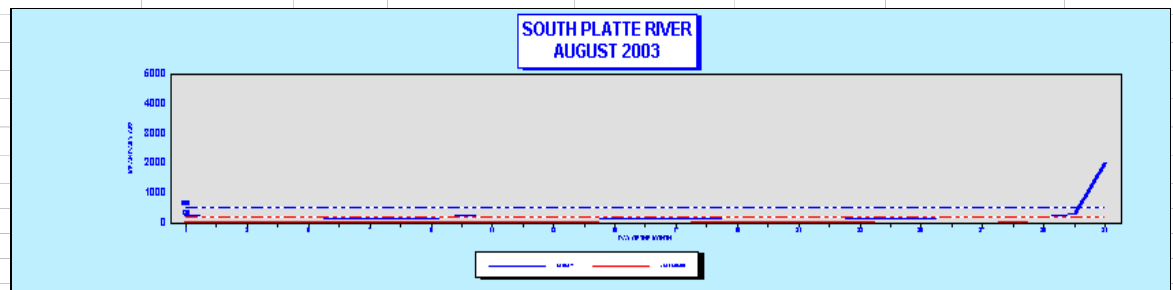
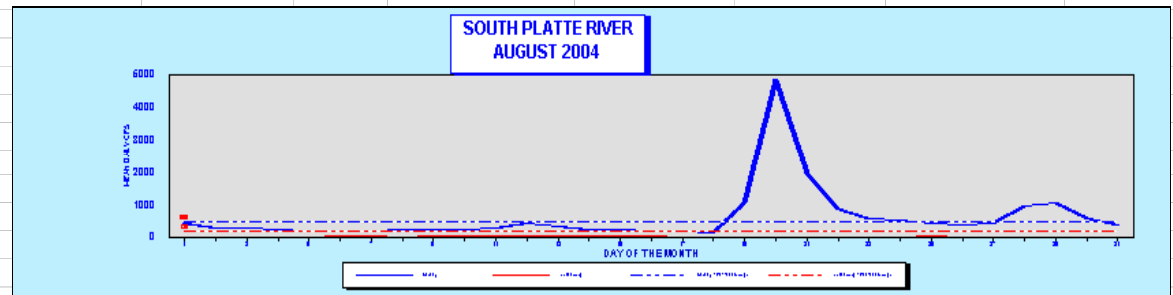
07-Sep

RESERVOIR	FULL ALLOWABLE CAPACIT (ACRE FEET)	FIRST OF MONTH (ACRE FEET)	END OF MONTH (ACRE FEET)	DISTRICT	CHANGE IN STORAGE (AC FEET)	% CHANGE IN STORA BASED ON FIRST O MONTH STORAGE	% OF CURRENT FUL ALLOWABLE CAPACITY	% OF CURRENT FULL ALLOWABLE CAPACIT THIS MONTH, (LAST YE	SURCHARGE (ACRE FEET)
JULESBURG	22,666	13,371	6,904	64	(6,467)	-48%	30%	19%	0
NORTH STERLING	73,730	28,576	10,830	64	(17,746)	-62%	15%	33%	0
PREWITT	28,500	6,666	4,740	64	(1,926)	-29%	17%	27%	0
JACKSON	27,257	16,497	8,901	1	(7,596)	-46%	33%	13%	0
EMPIRE	37,700	2,425	0	1	(2,425)	-100%	0%	19%	0
RIVERSIDE	63,113	24,781	12,692	1	(12,089)	-49%	20%	38%	0
BARR LAKE	31,652	13,777	9,451	2	(4,326)	-31%	30%	27%	0
CHEESMAN	79,064	77,492	73,928	80	(3,564)	-5%	94%	97%	0
ELEVEN MILE	97,779	82,664	85,589	23	2,925	4%	88%	60%	0
SPINNEY	53,651	38,059	36,498	23	(1,561)	-4%	68%	73%	0
ANTERO	20,015	17	10	23	(7)	-41%	0%	0%	0

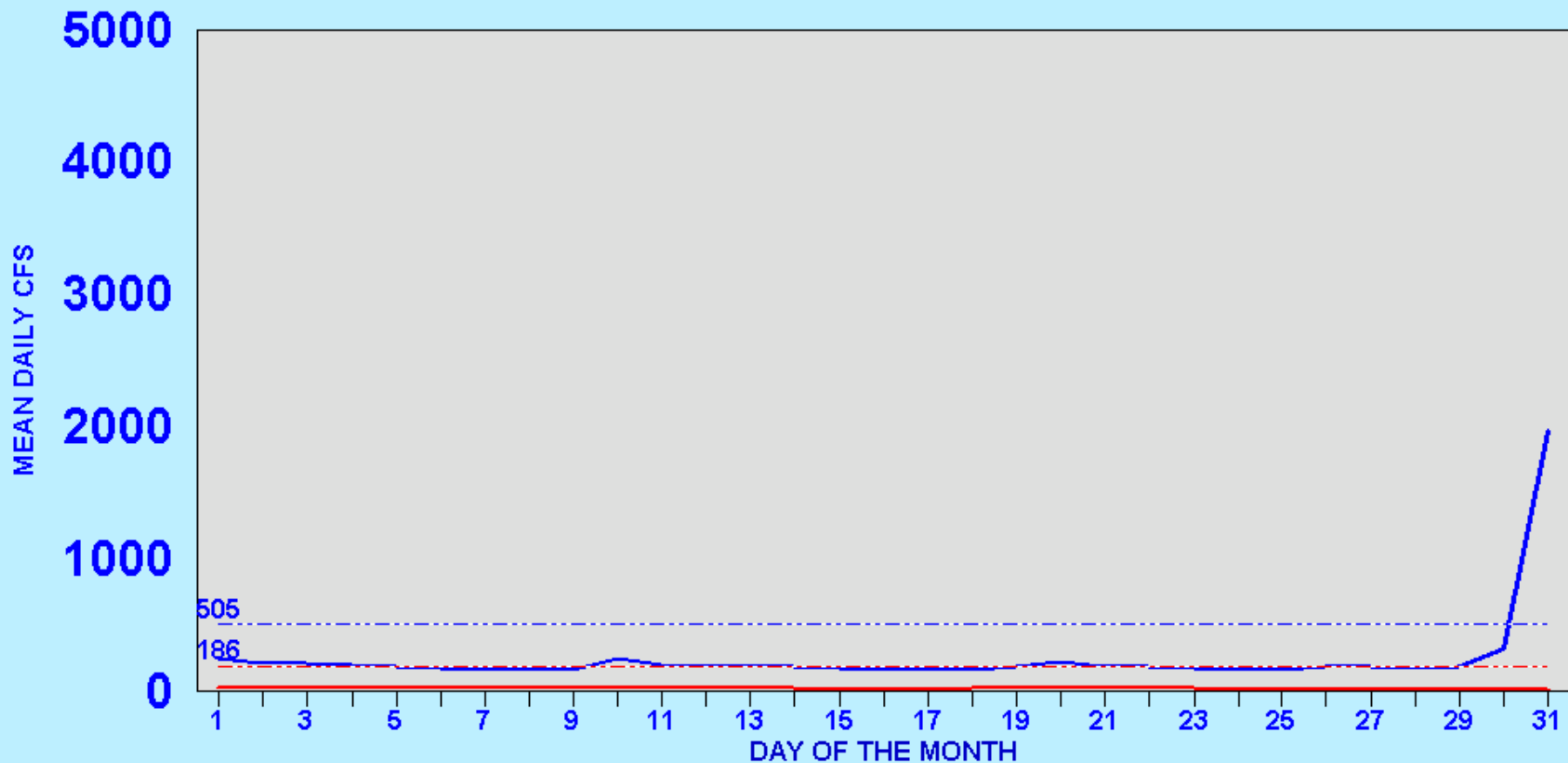
RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	622
JULESBURG	38
THIS MONTH LAST YEAR	
KERSEY	248
JULESBURG	19
MEAN FOR PERIOD OF RECORD*	
KERSEY	505
JULESBURG	186

* 1901-2003

1902-2003



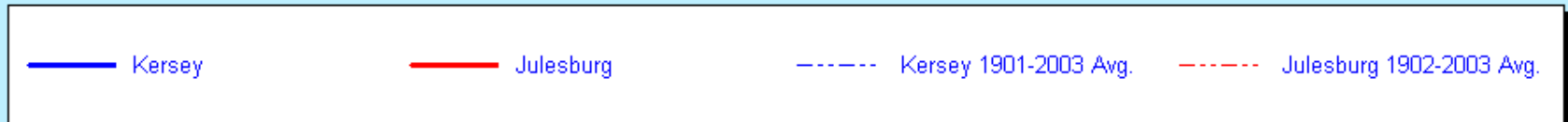
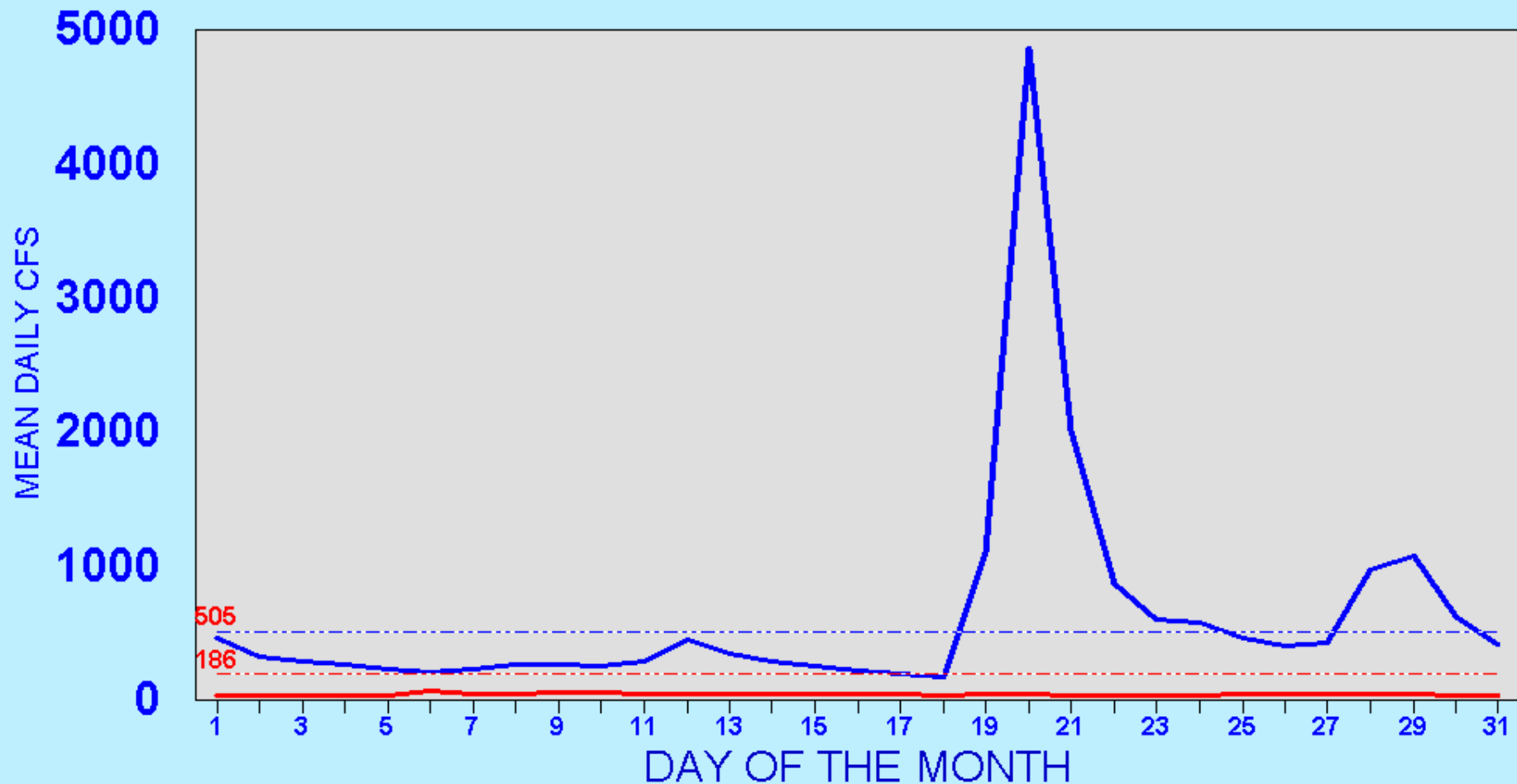
SOUTH PLATTE RIVER AUGUST 2003



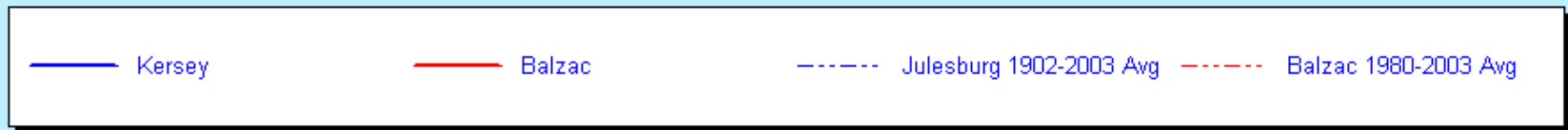
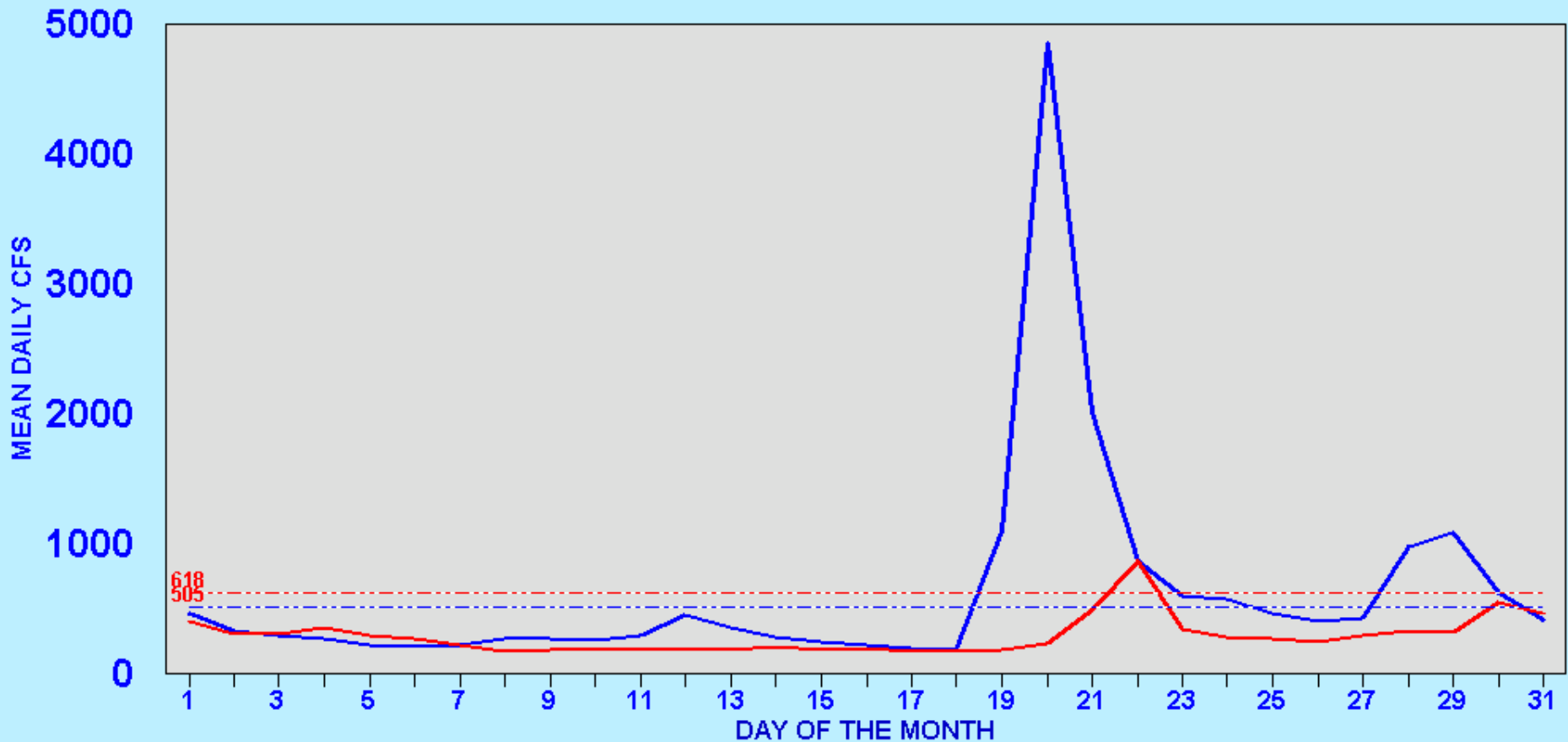
— KERSEY

— JULESBURG

SOUTH PLATTE RIVER AUGUST 2004



Kersey, Balzac AUGUST 2004



South Platte River Monthly Means, Historic, Max,

South Platte River at Kersey

South Platte River at Julesburg

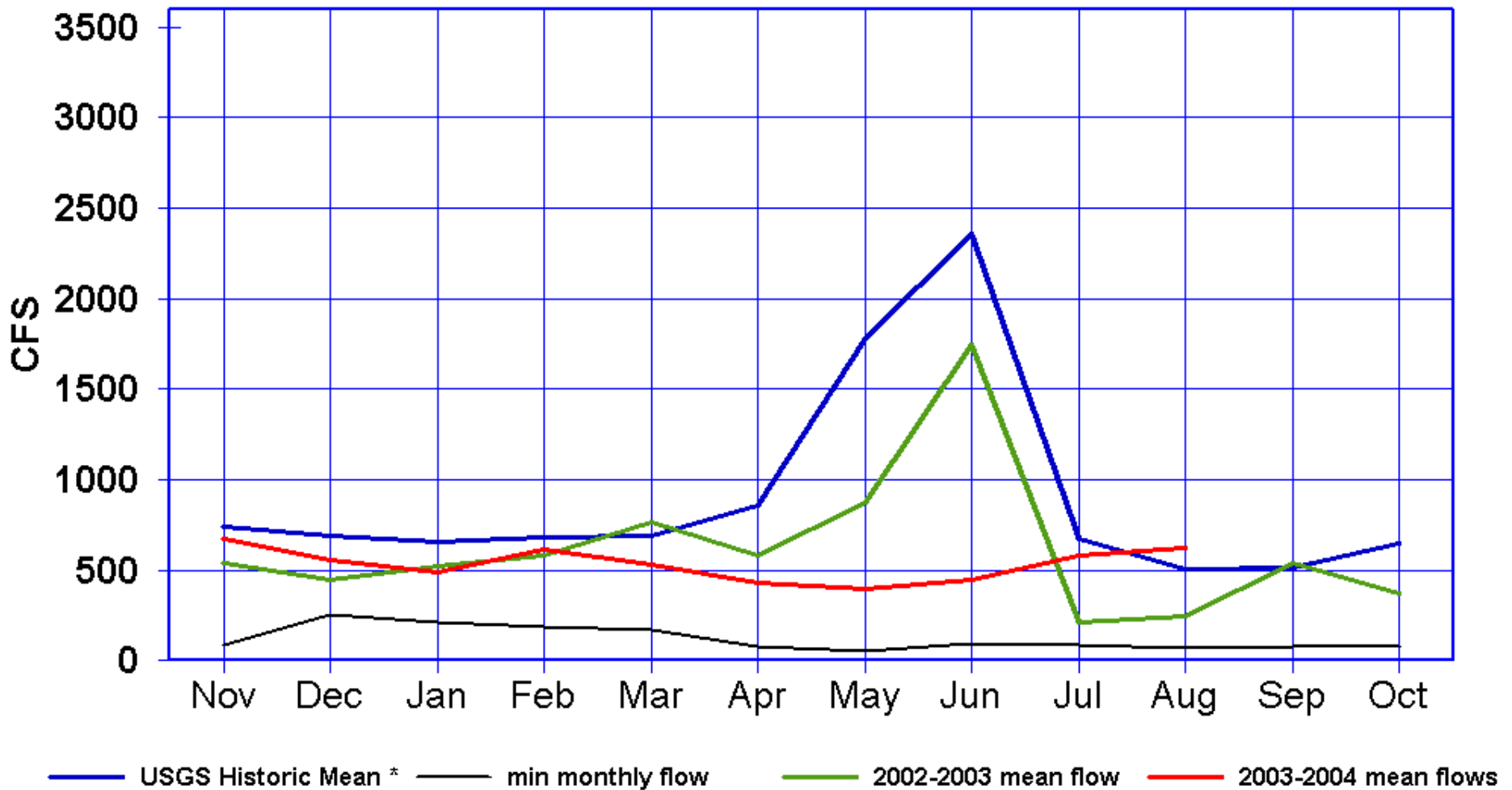
	USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2004 mean monthly flow	Estimated Mean		USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2004 mean monthly flow	Estimated Mean
Nov	737	2585	1985	87	1935	671		Nov	353	2358	1985	15.4	2003	19	
Dec	685	1375	1962	251	1935	557		Dec	415	1371	1985	18.8	1912	19	*
Jan	658	1434	1984	209	1935	485		Jan	530	1571	1998	49.6	2003	63	*
Feb	680	1861	1914	182	1935	615		Feb	610	1864	1930	49.4	2003	54	*
Mar	688	1852	1983	170	1935	528		Mar	550	2200	1939	44.9	2003	19	
Apr	853	5091	1942	82	1935	432		Apr	545	2808	1983	17.3	1904	27	
May	1780	13065	1980	52	1963	399		May	1054	9922	1980	24.1	1911	34	
Jun	2355	14517	1983	95	1940	444		Jun	1474	12200	1983	8.33	1910	39	
Jul	671	5784	1983	84	1963	575		Jul	303	5059	1983	2.15	1903	46	
Aug	505	2782	1984	68	1940	622		Aug	186	1882	1997	2.52	1902	38	
Sep	516	2769	1938	77	1954			Sep	247	1964	1984	5.6	1903		
Oct	651	3388	1985	82	1935			Oct	313	2427	1985	5.85	1904		

*Period of record 1901-2003

*Period of record 1902-2003

South Platte River at Kersey

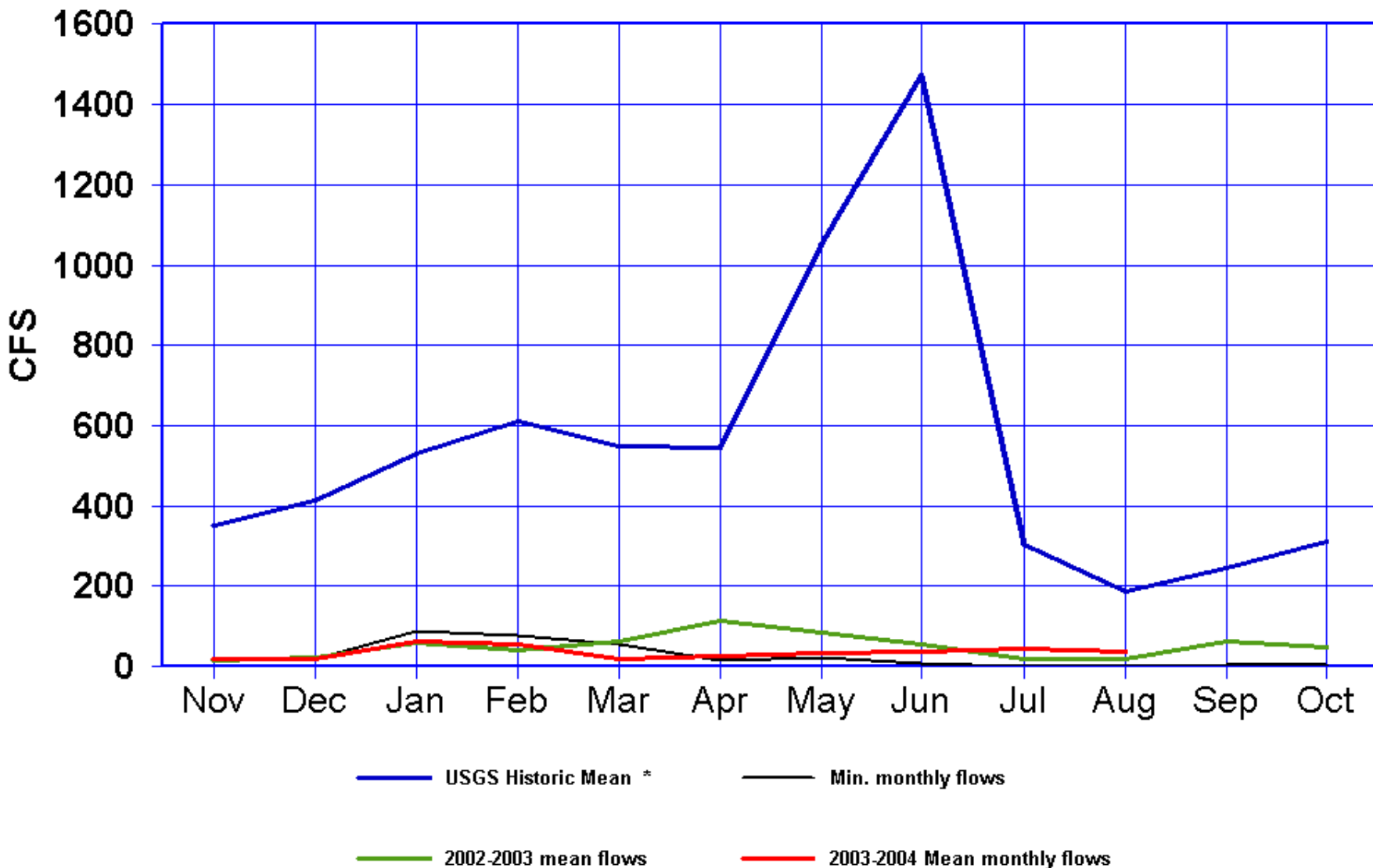
Irrigation Water Year*



*1901-2003

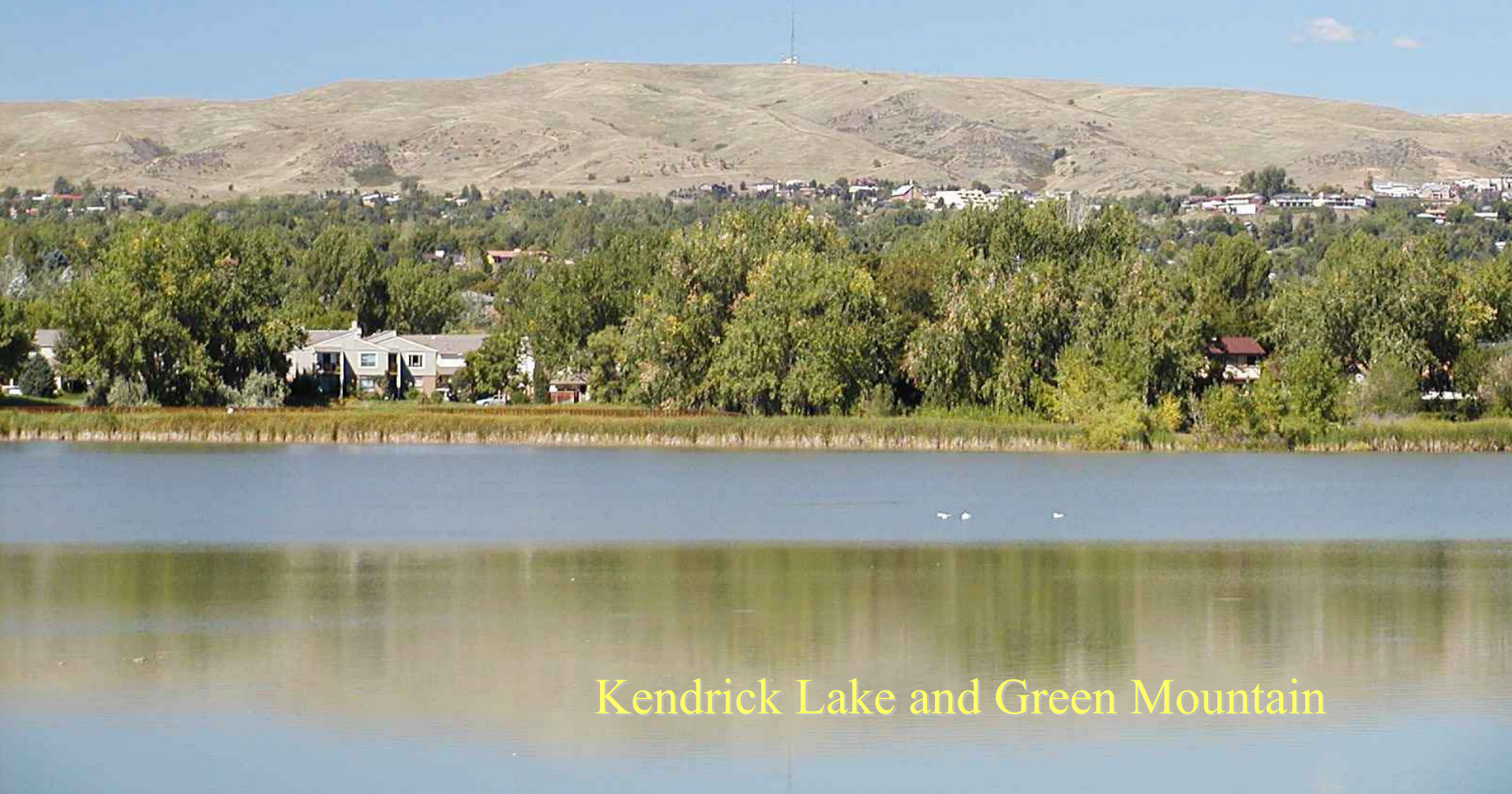
South Platte River at Julesburg

Irrigation Water Year*



* 1902-2003

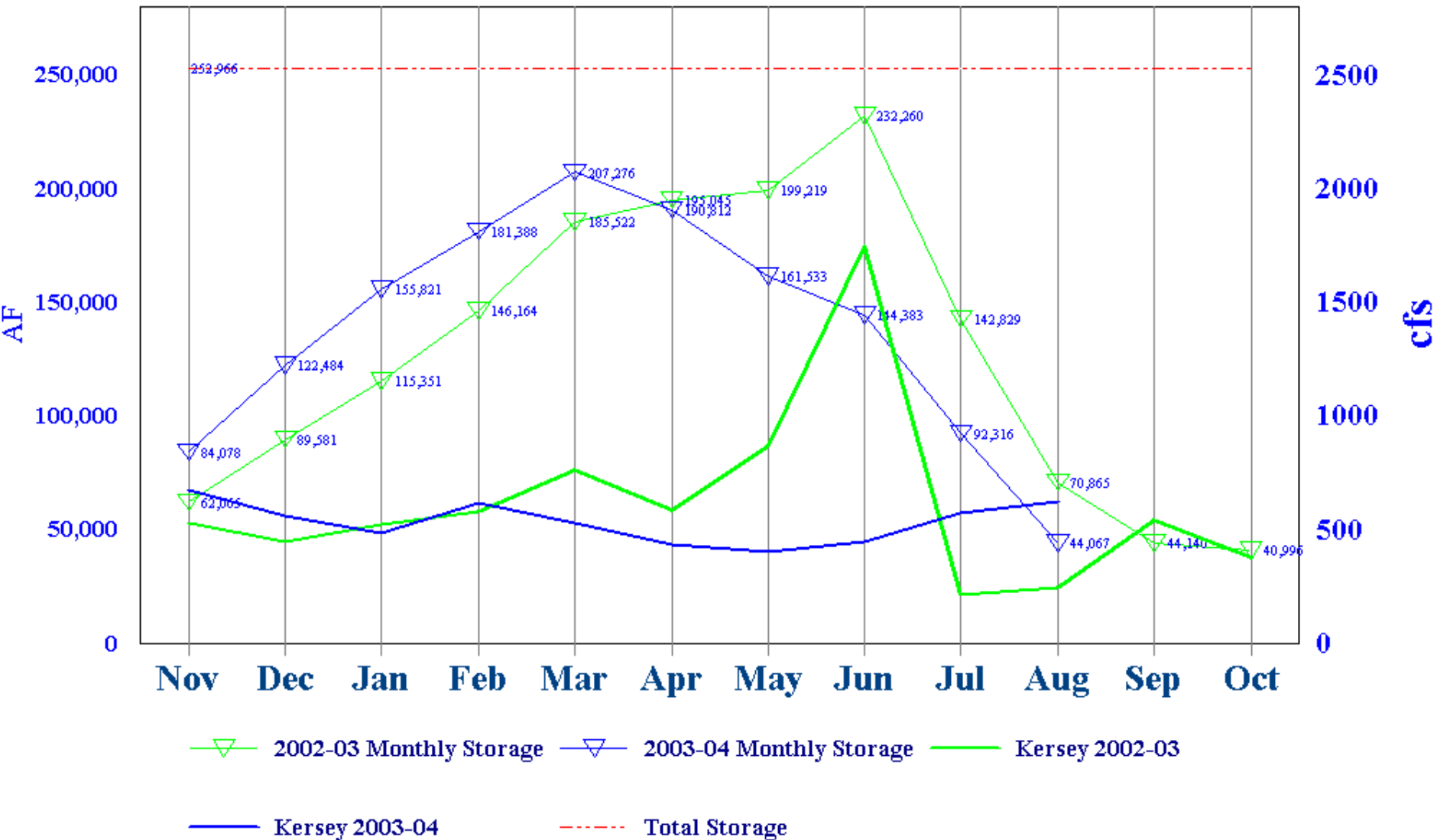
**Next 4 slides show Reservoir
storage below and above Kersey**



Kendrick Lake and Green Mountain

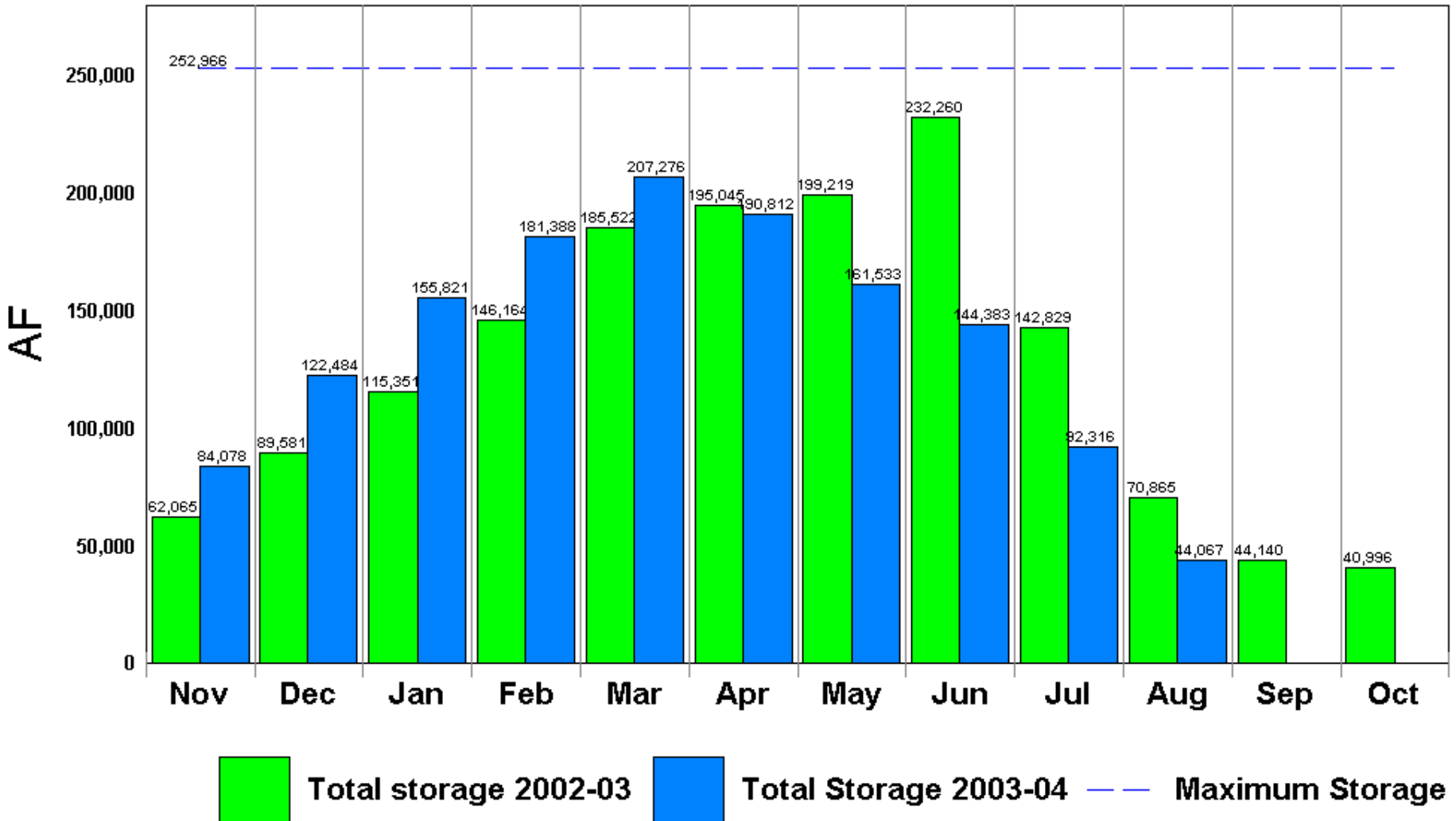
Reservoir Storage below Kersey

Selected Reservoirs*



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

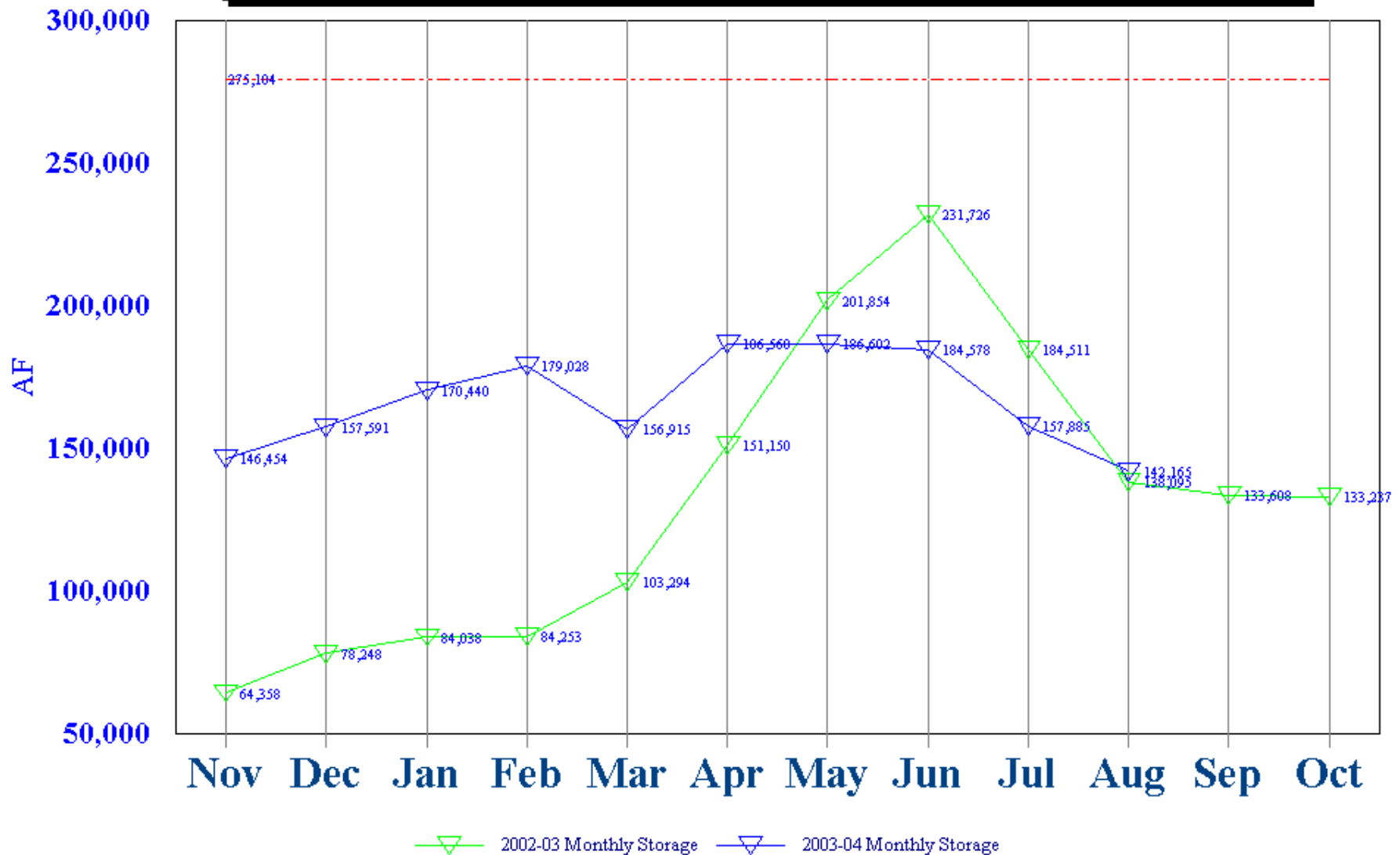
South Platte Reservoirs Storage below Kersey*



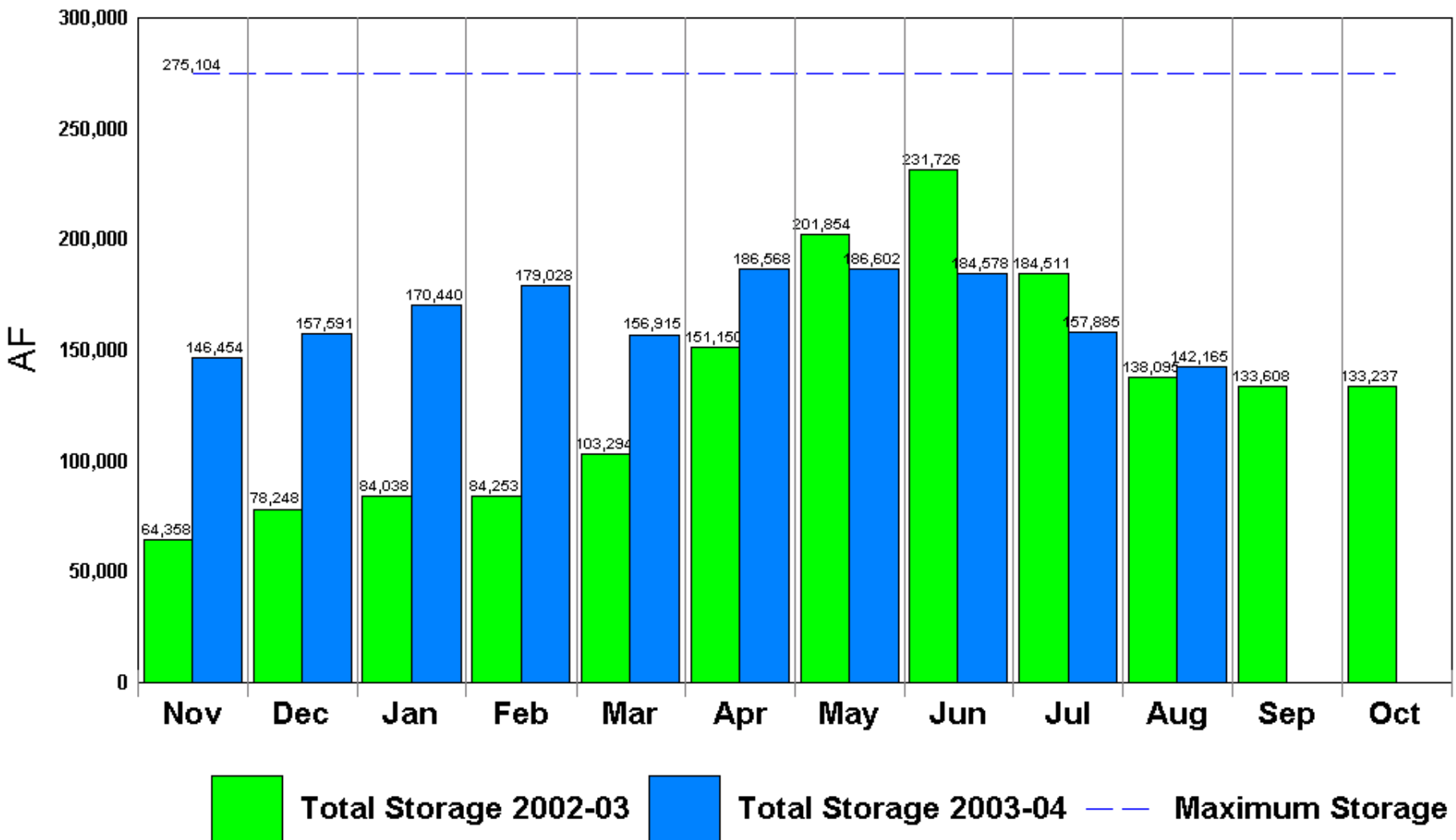
*Empire, Riverside, Jackson, Prewitt, N. Sterling, Julesburg. by jhl

Reservoir Storage above Kersey

Selected Reservoirs*



South Platte Reservoirs Storage above Kersey*



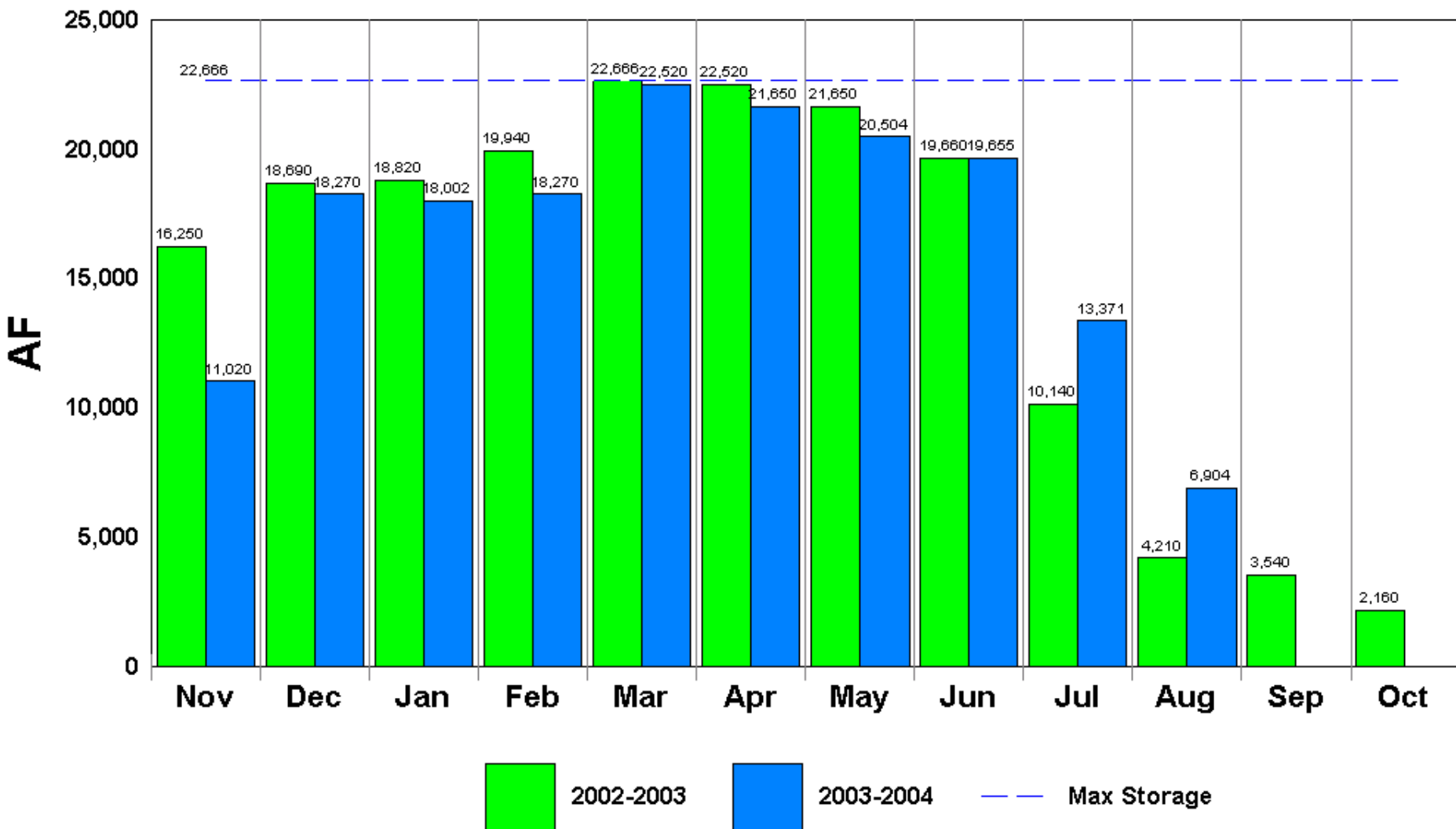
*Barr,Cobb,FossilCrk,Halligan,Marshall,Milton,Union,Standley,LowerLatham,Boyd,Loveland,Windsor,HorseCrk,Prospect. by jhl



**Individual Reservoir Storage
follows:**

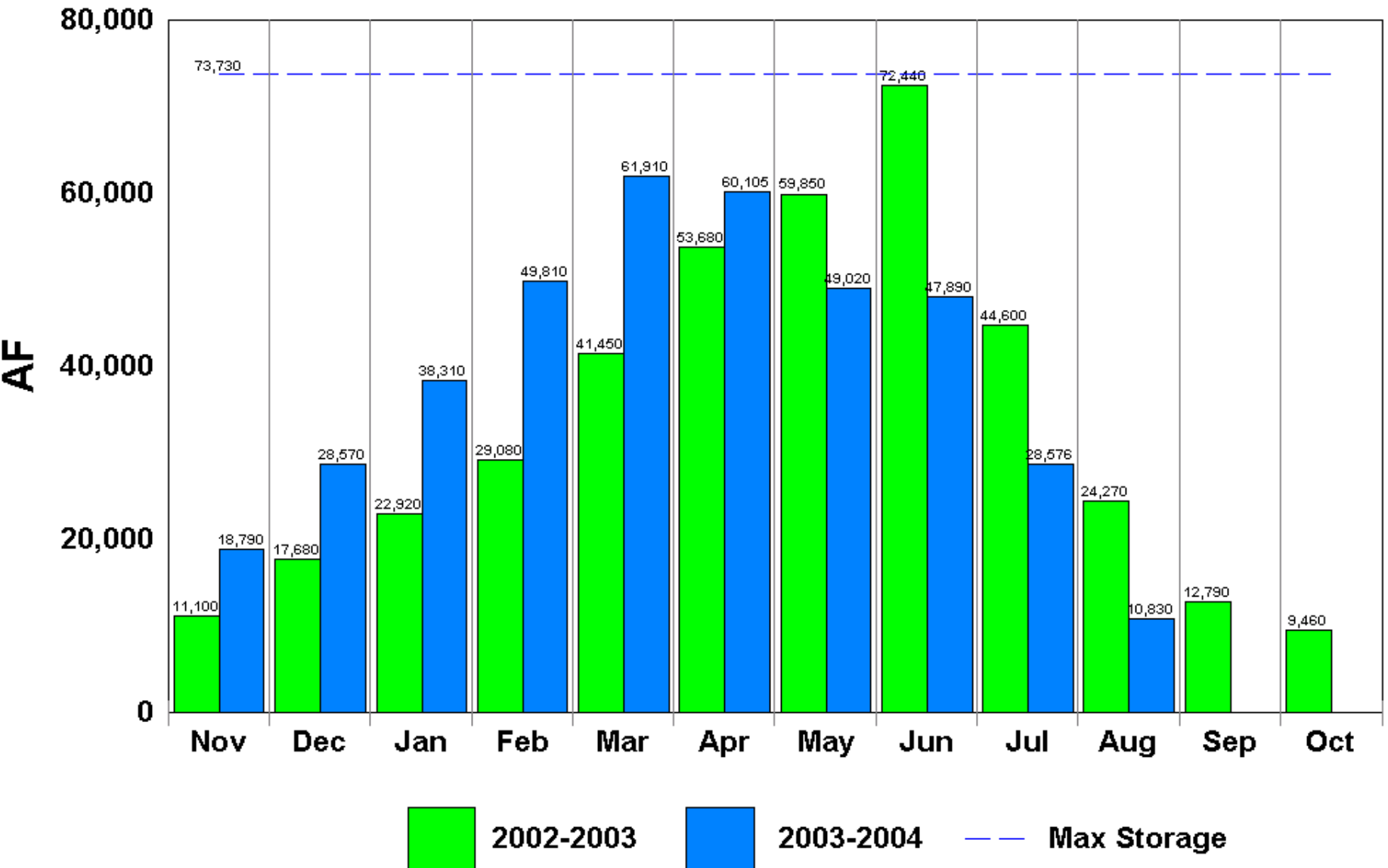
Julesburg Reservoir

(Agricultural)



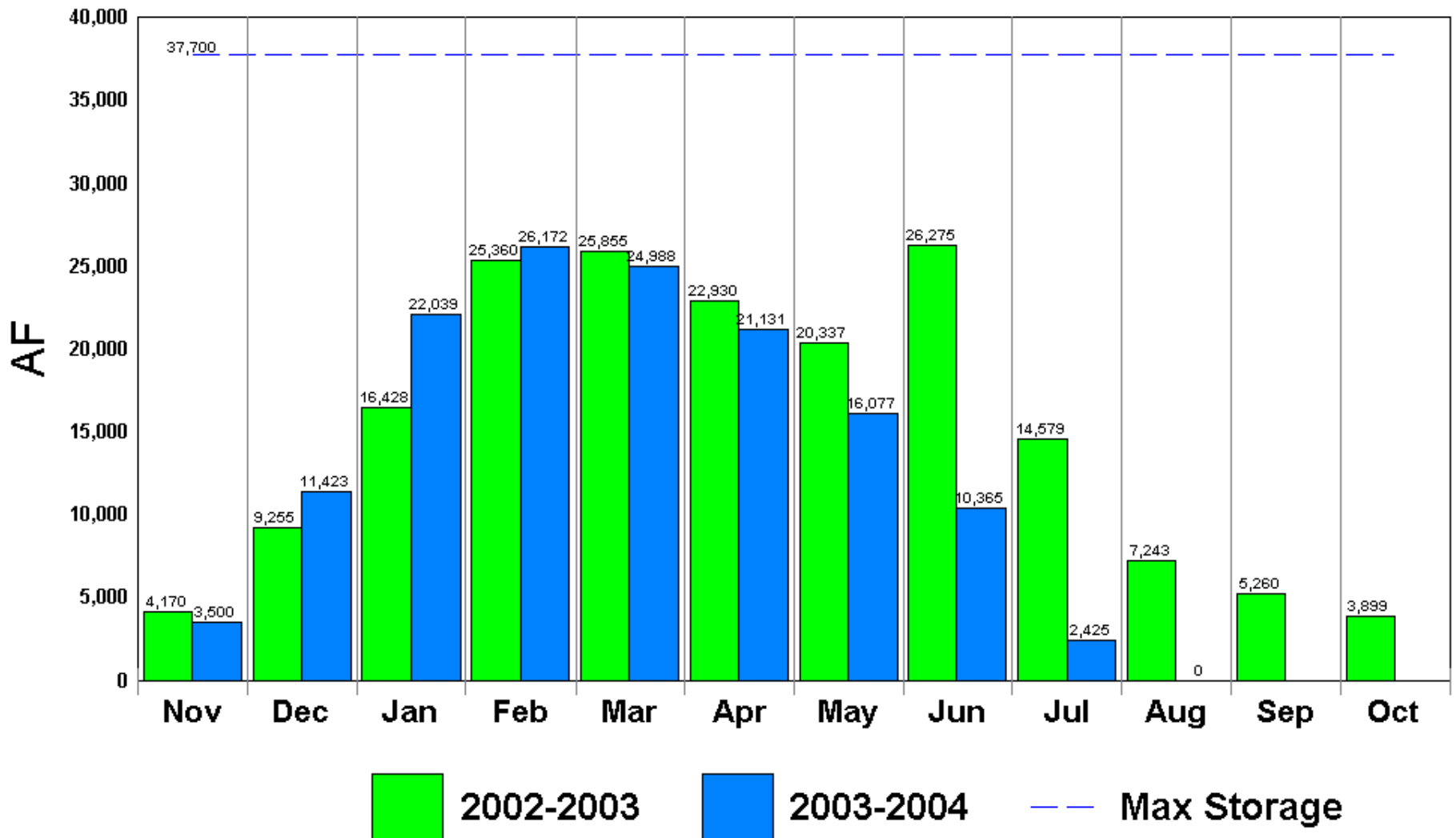
N. Sterling Reservoir

(Agricultural)



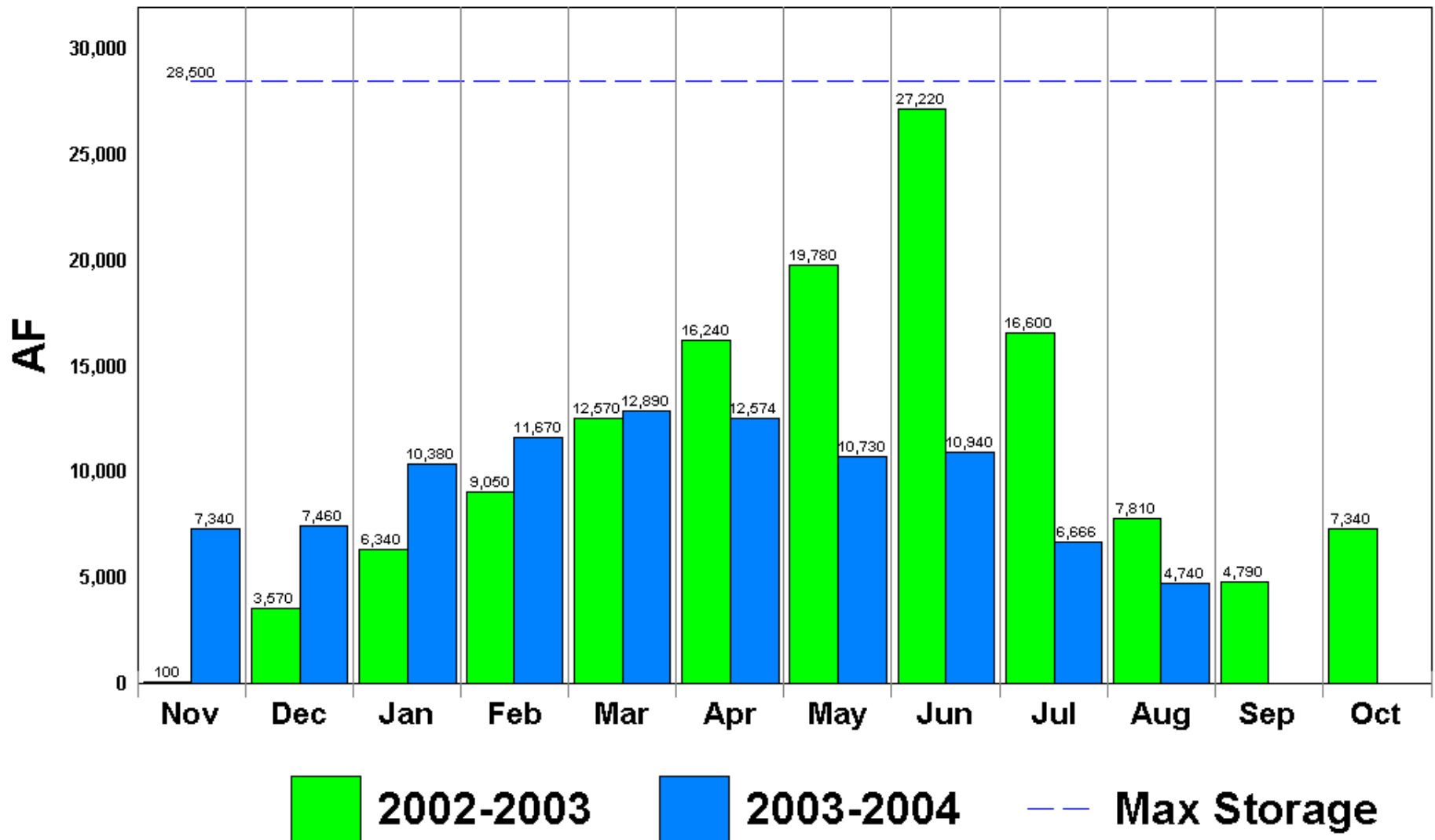
Empire Reservoir

(Agricultural)



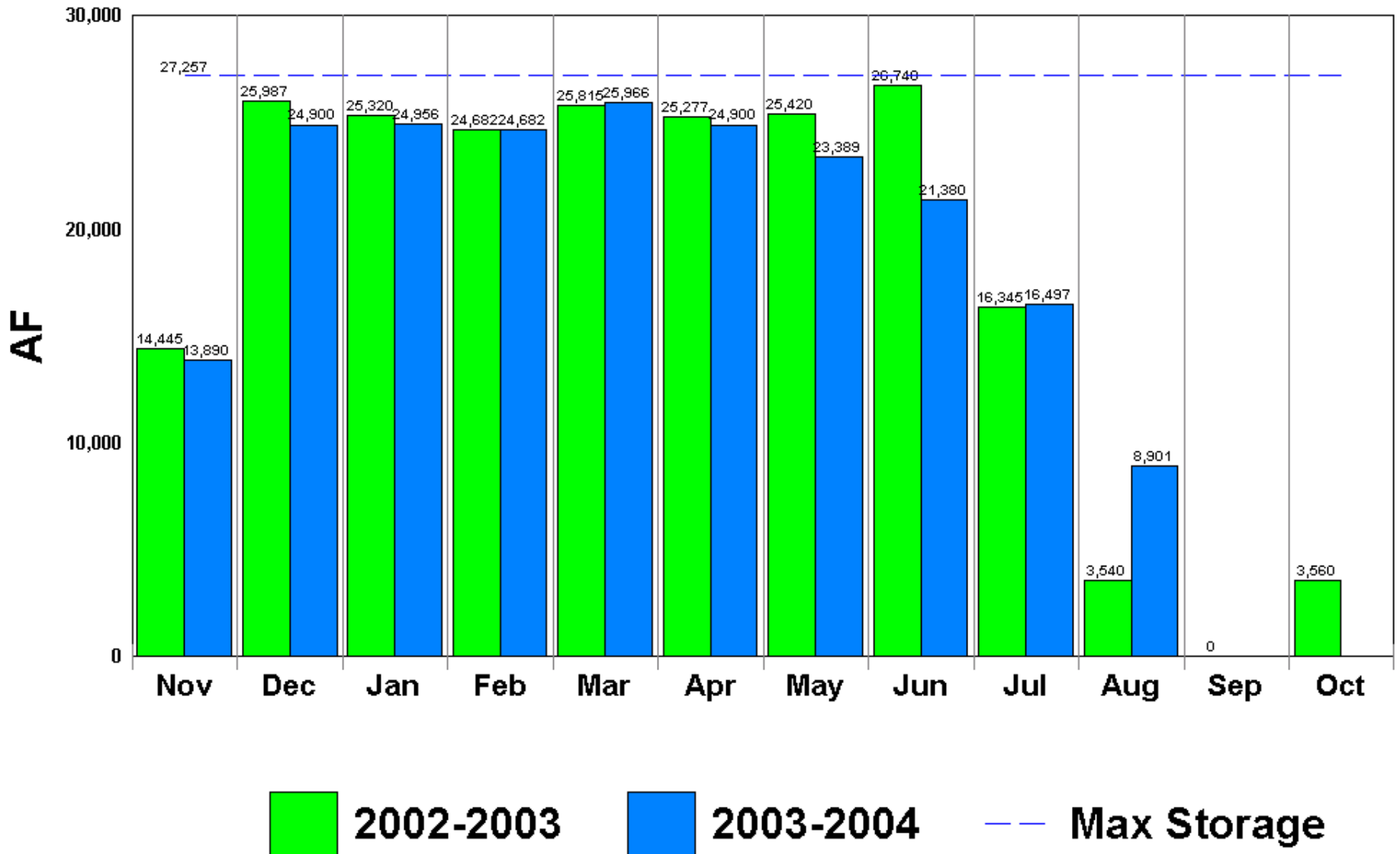
Prewitt Reservoir

(Agricultural)



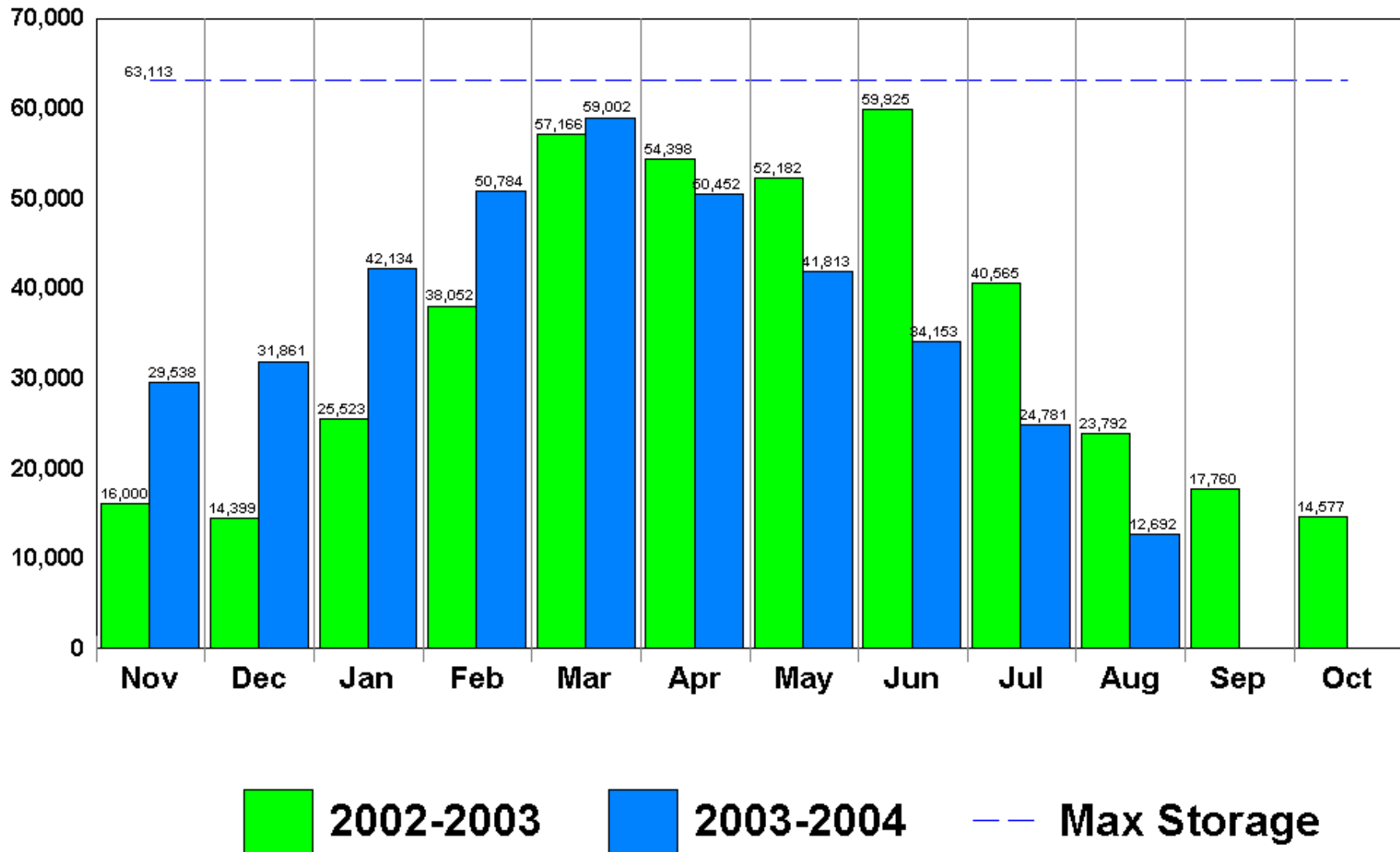
Jackson Reservoir

(Agricultural)



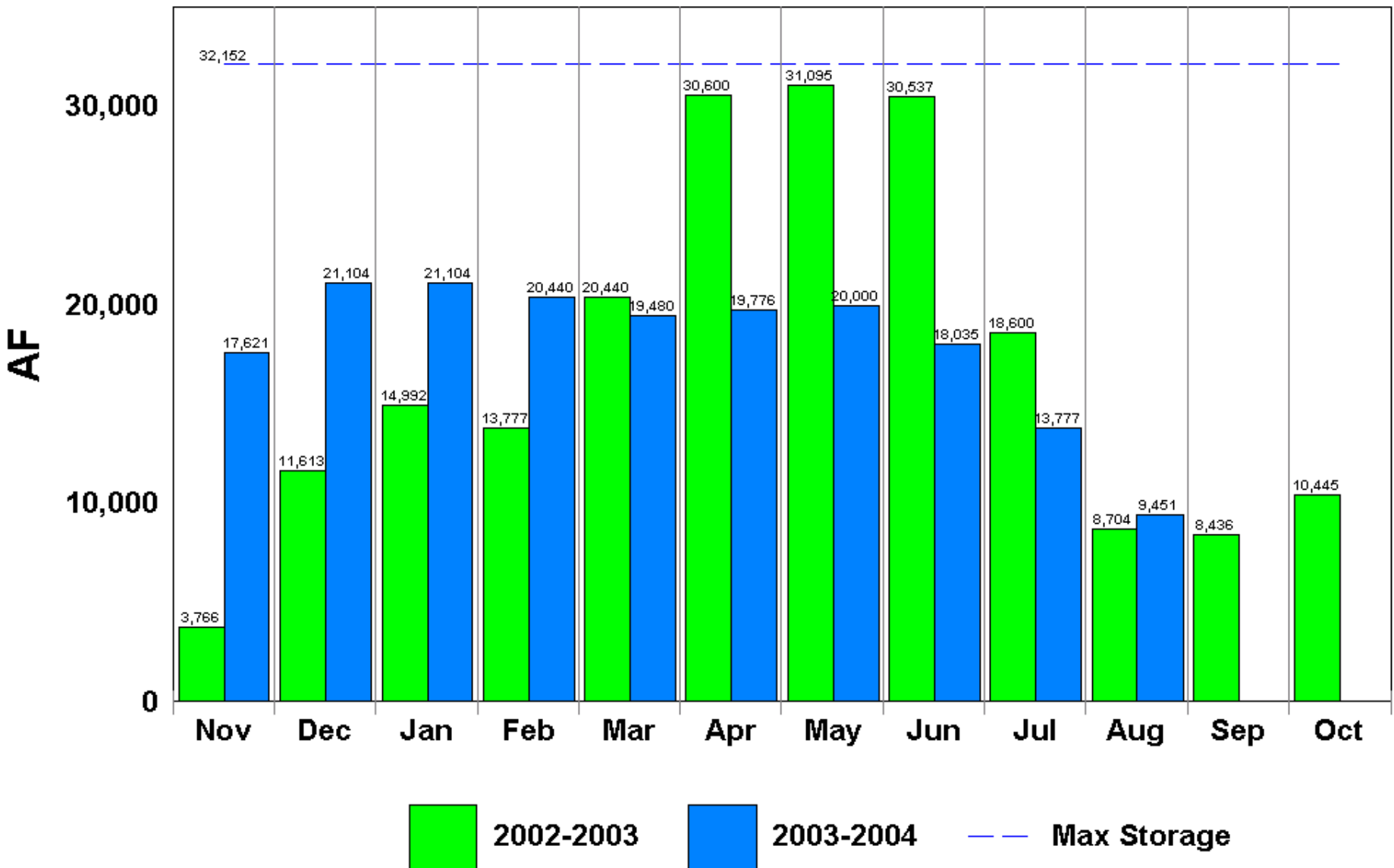
Riverside Reservoir

(Agricultural)



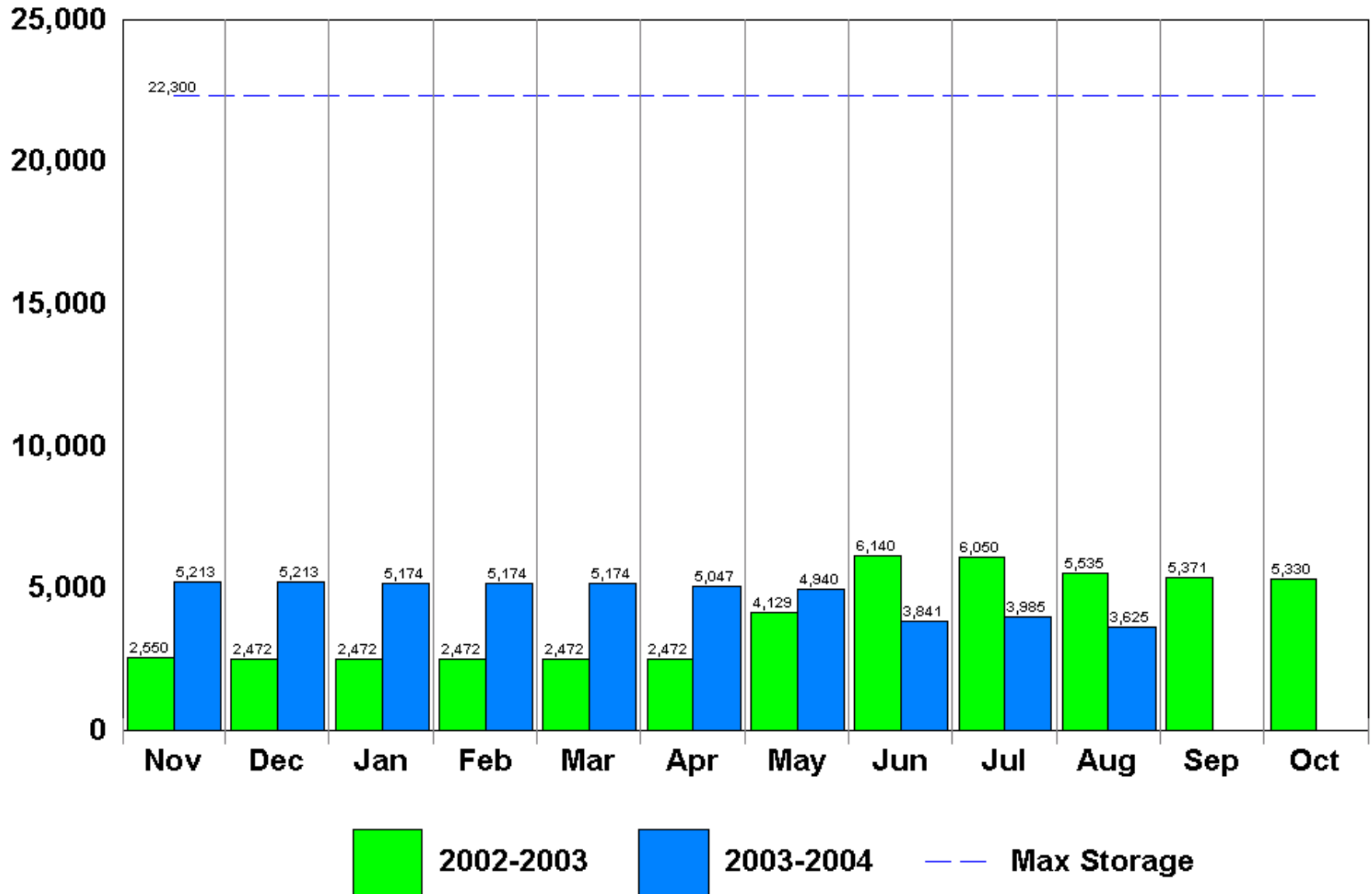
Barr Lake

(Agricultural)



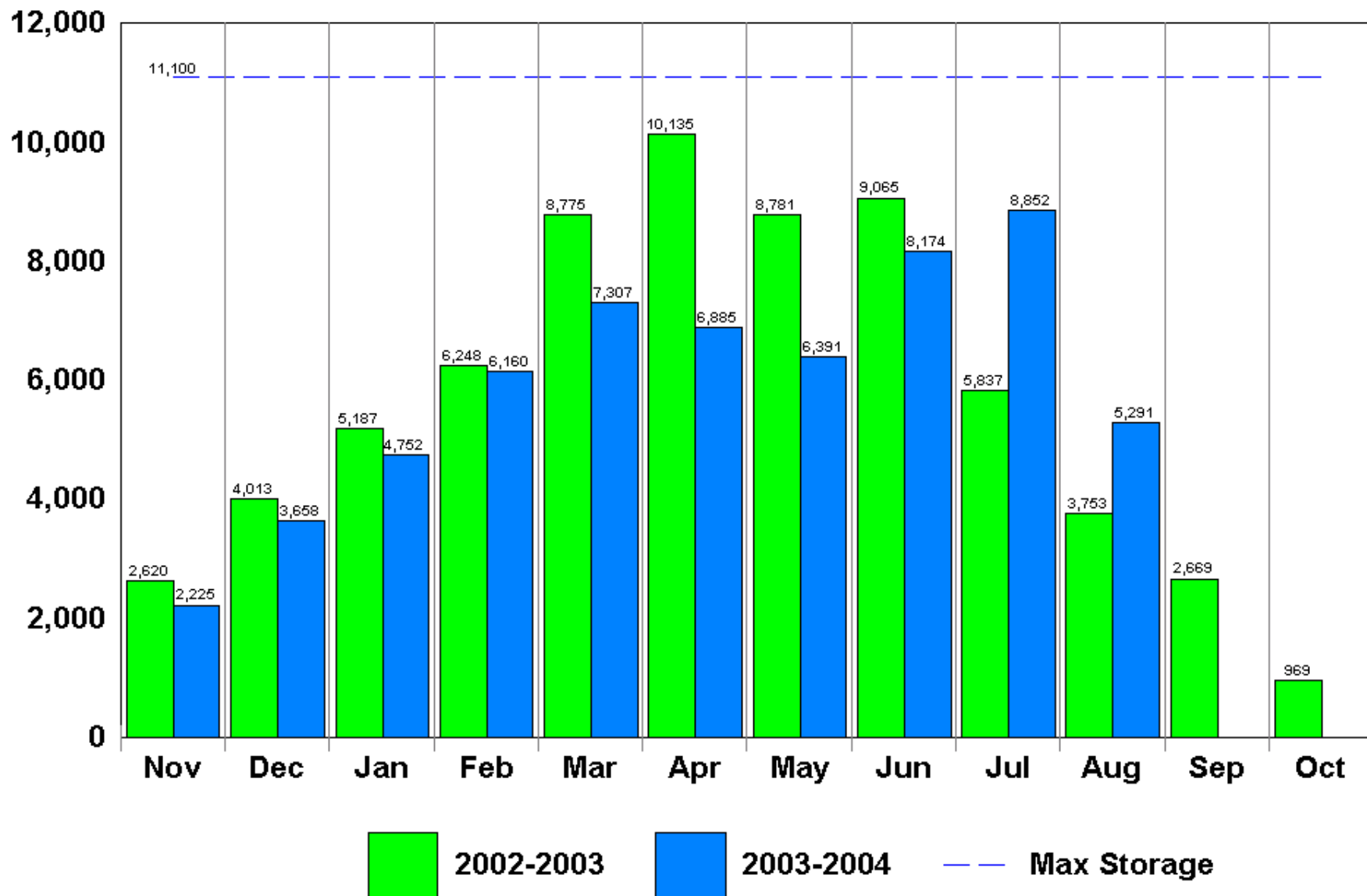
Cobb Lake

(Agricultural)



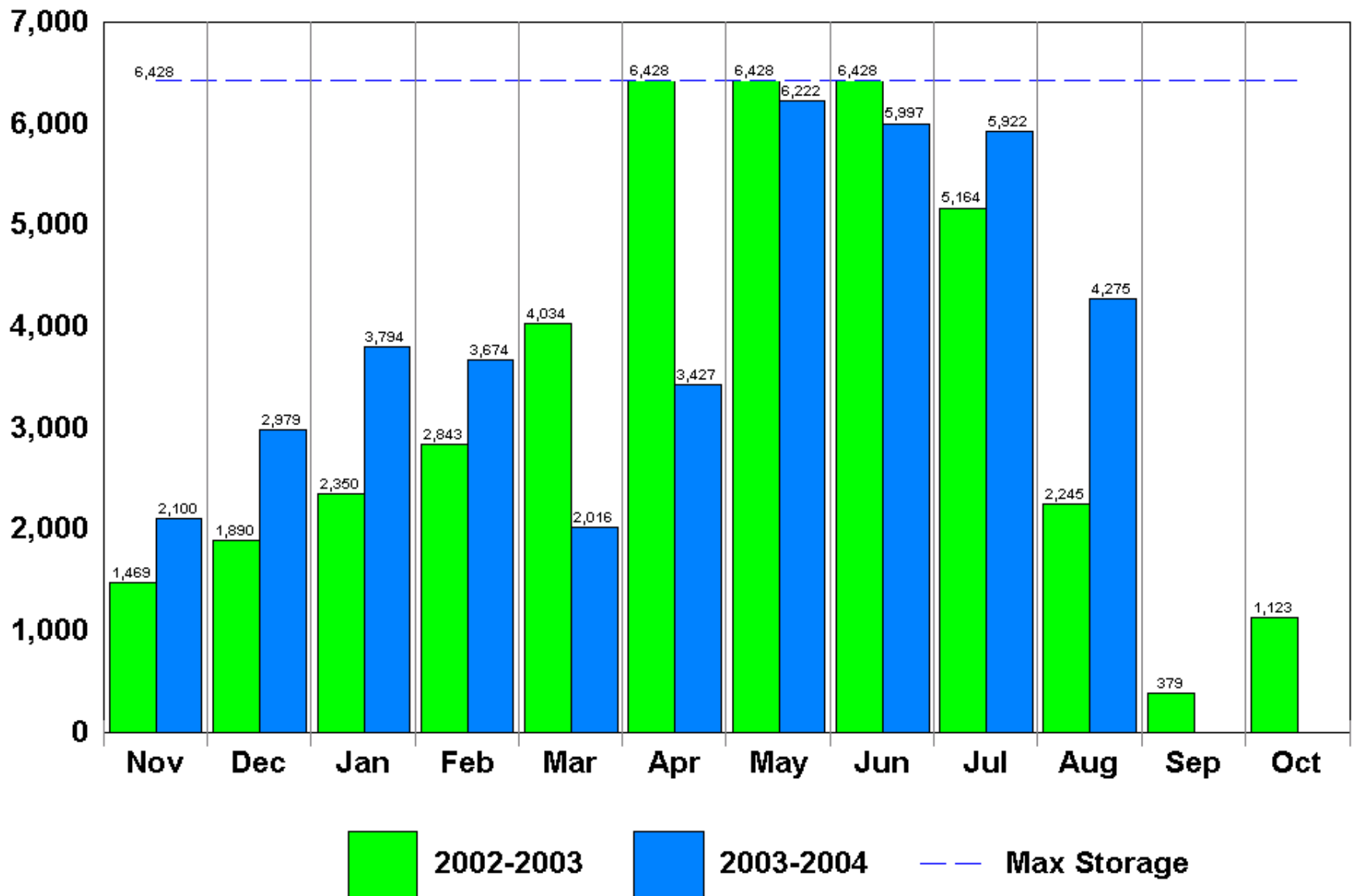
Fossil Creek Reservoir

(Agricultural)



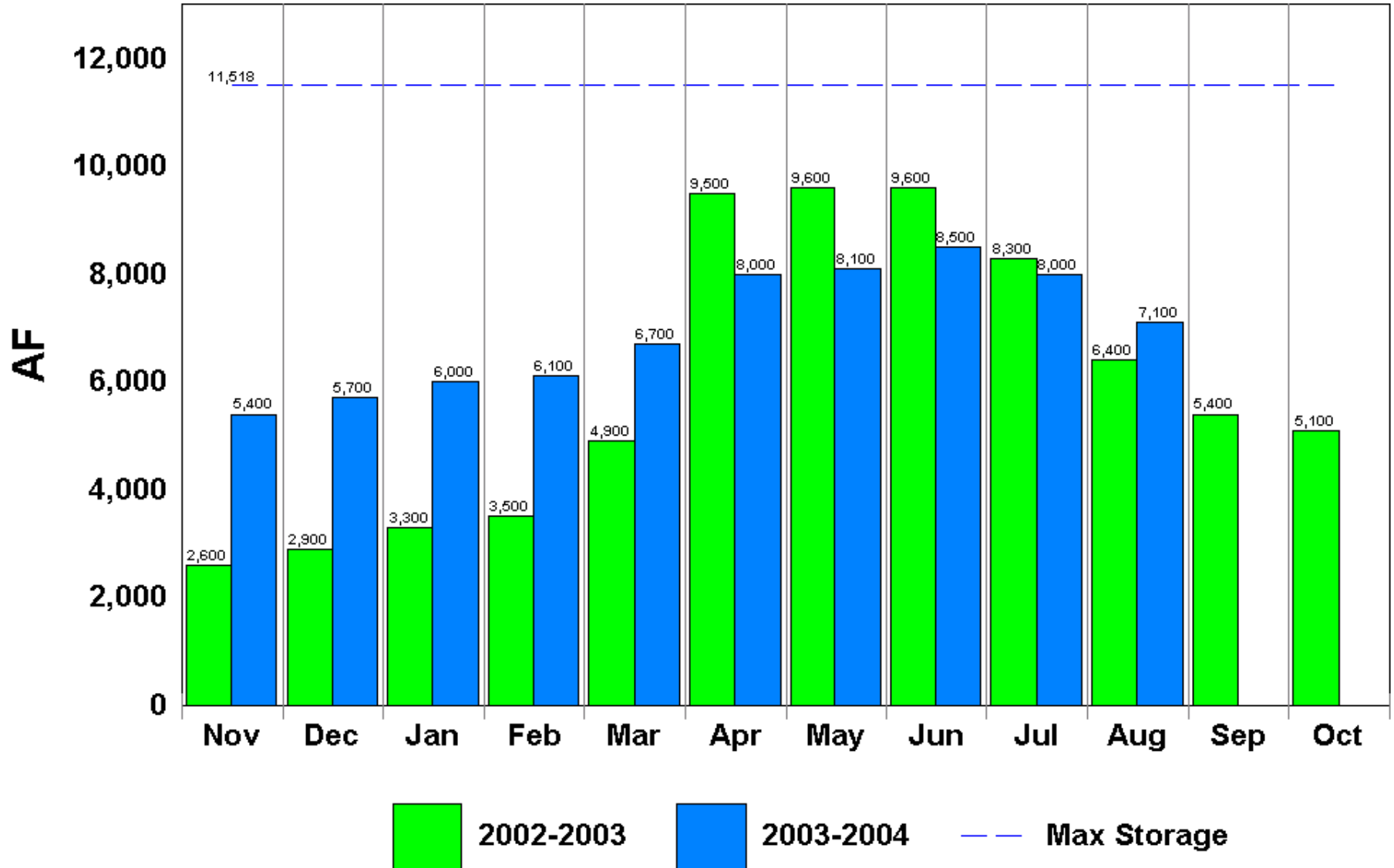
Halligan Reservoir

(Agricultural)



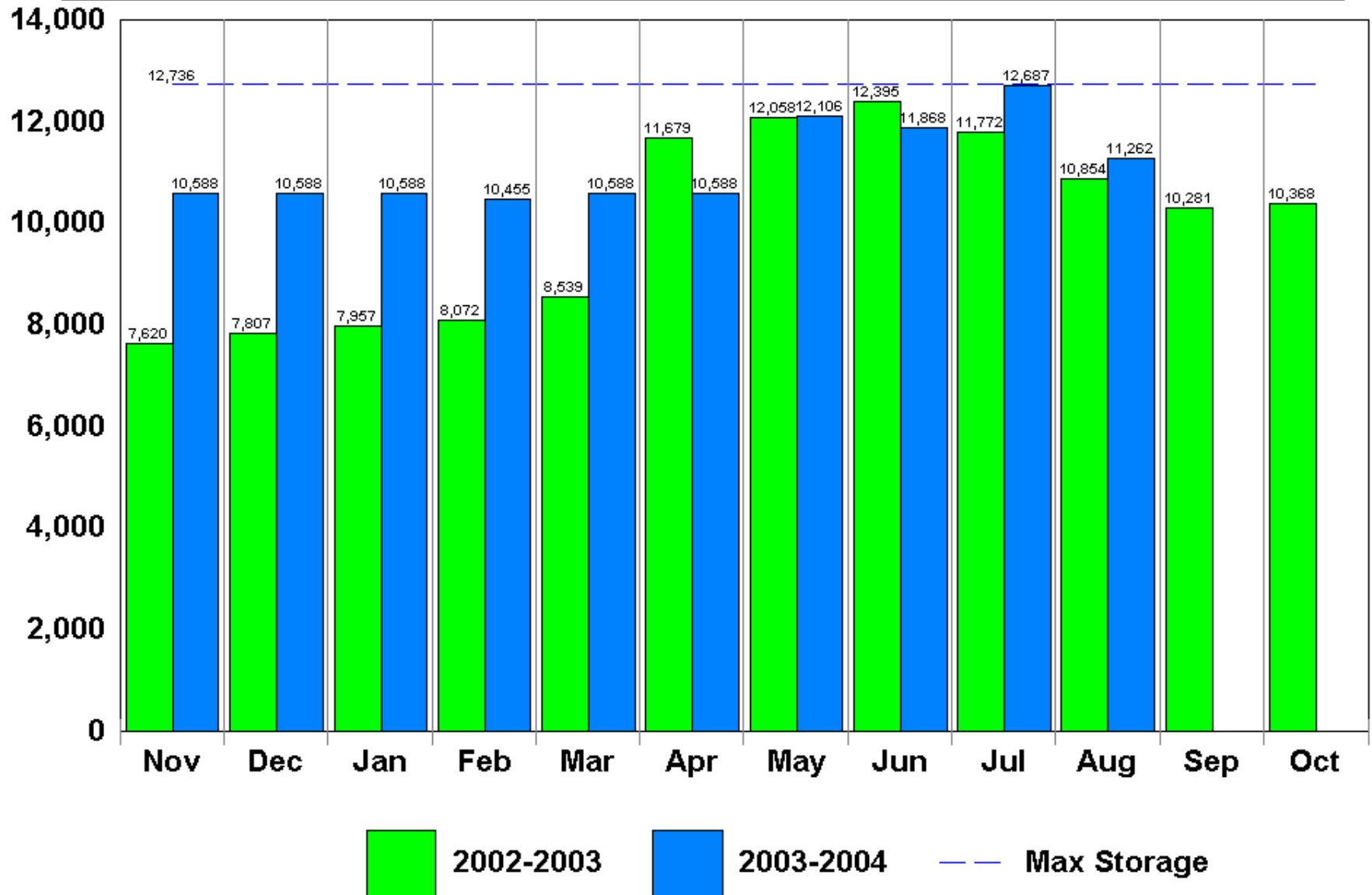
Marshall Lake

(Agricultural)



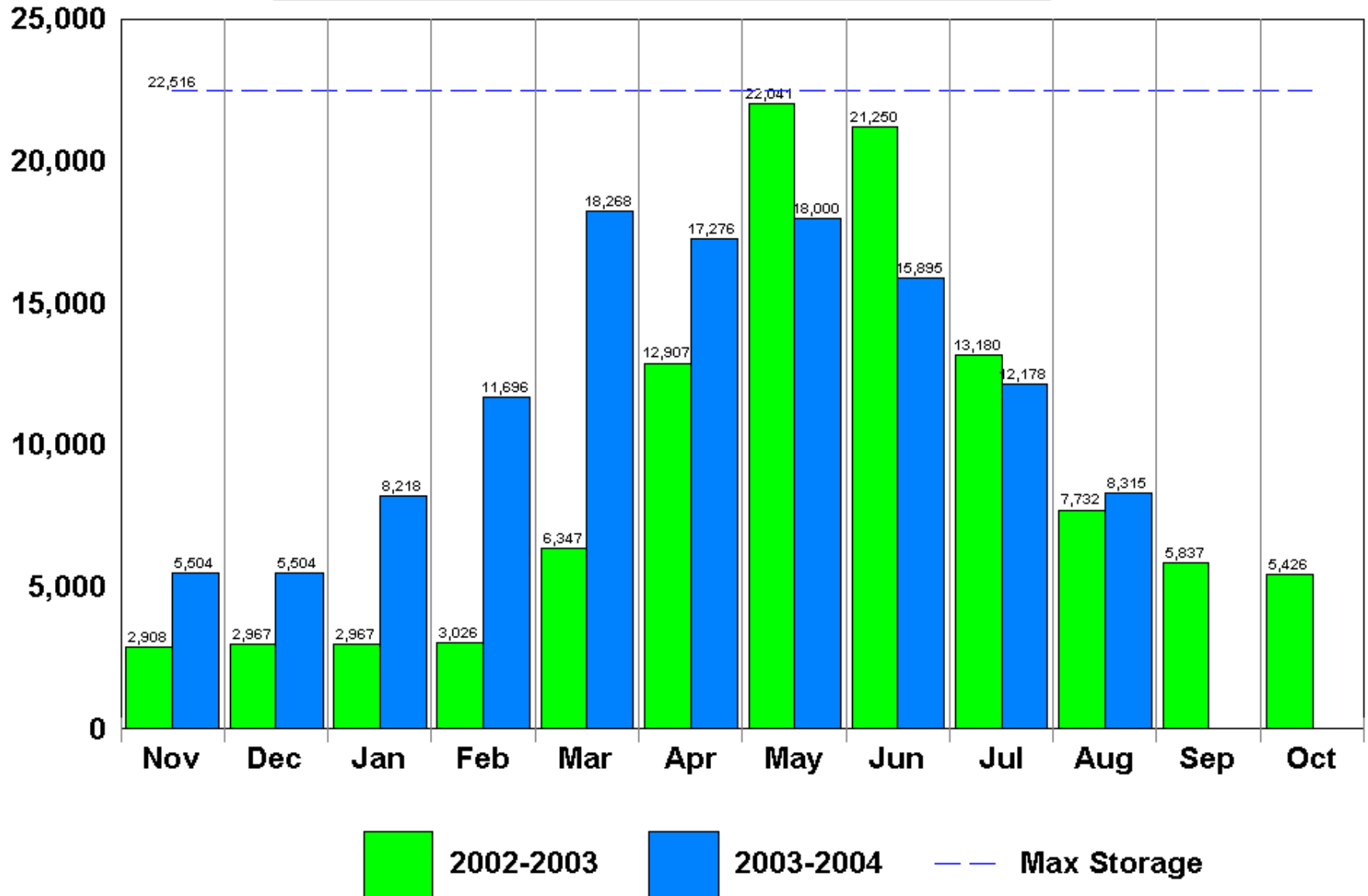
Loveland Greeley Reservoir

(Agricultural)



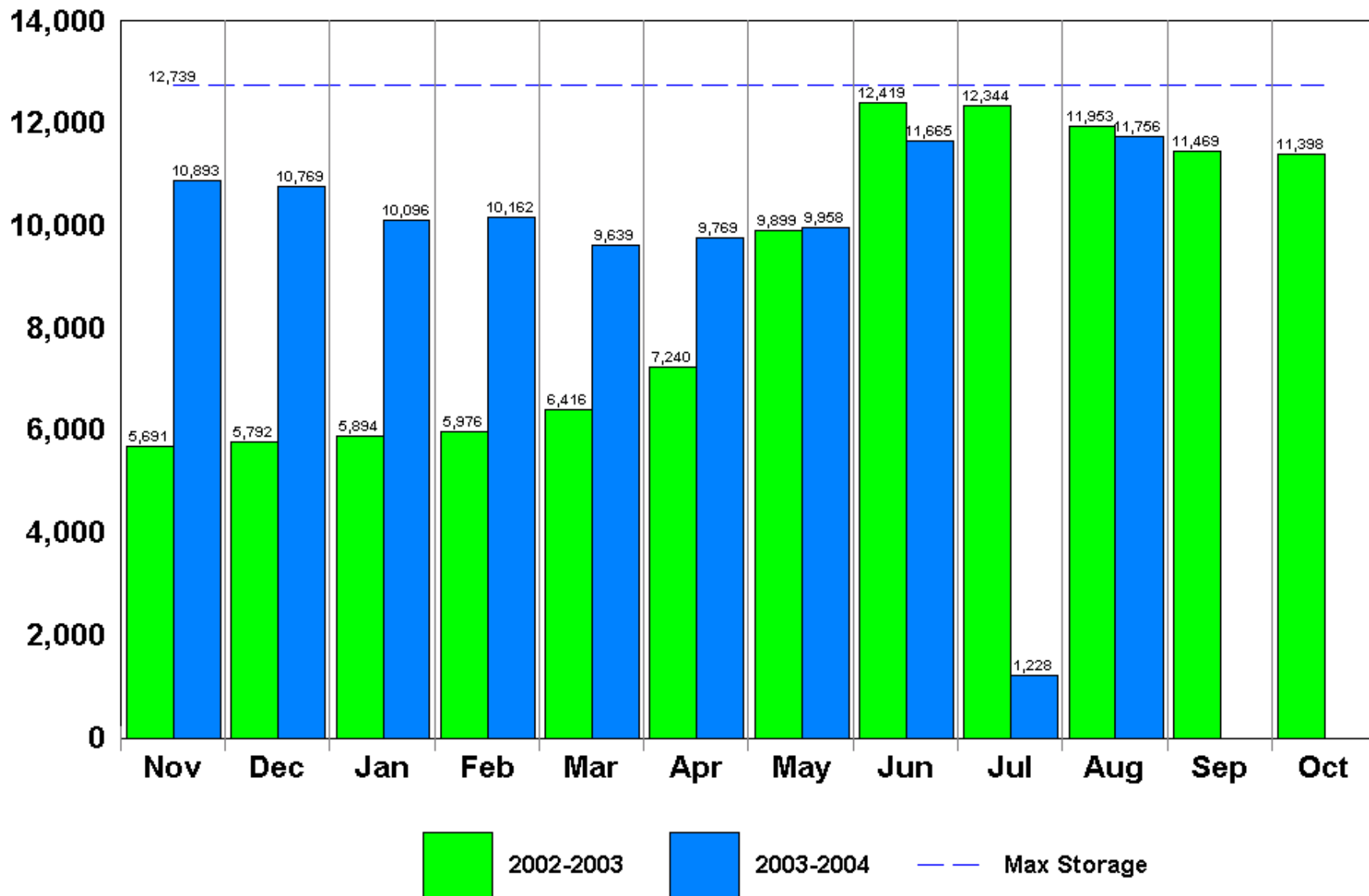
Milton Reservoir

(Agricultural)



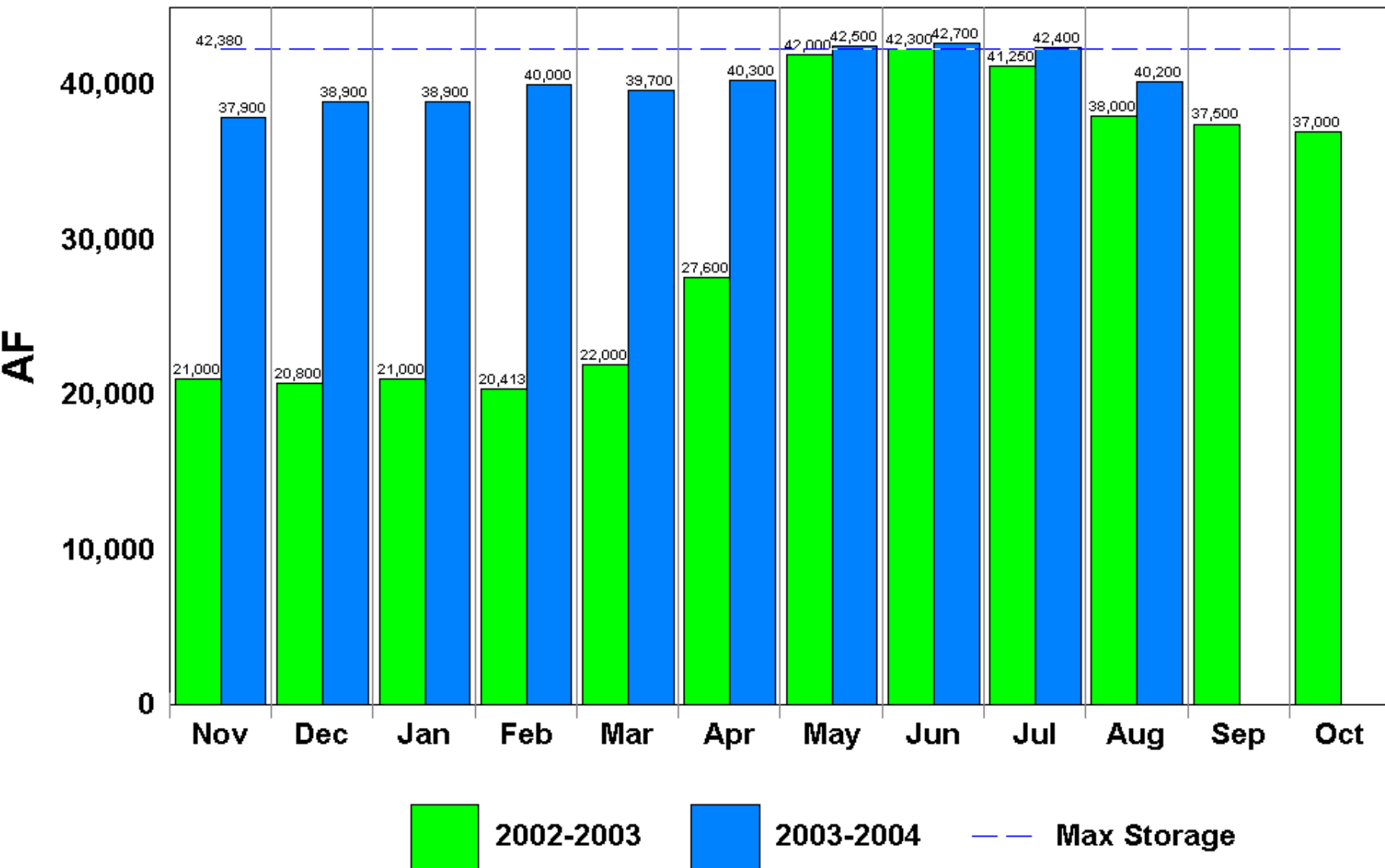
Union Reservoir

(Agricultural)



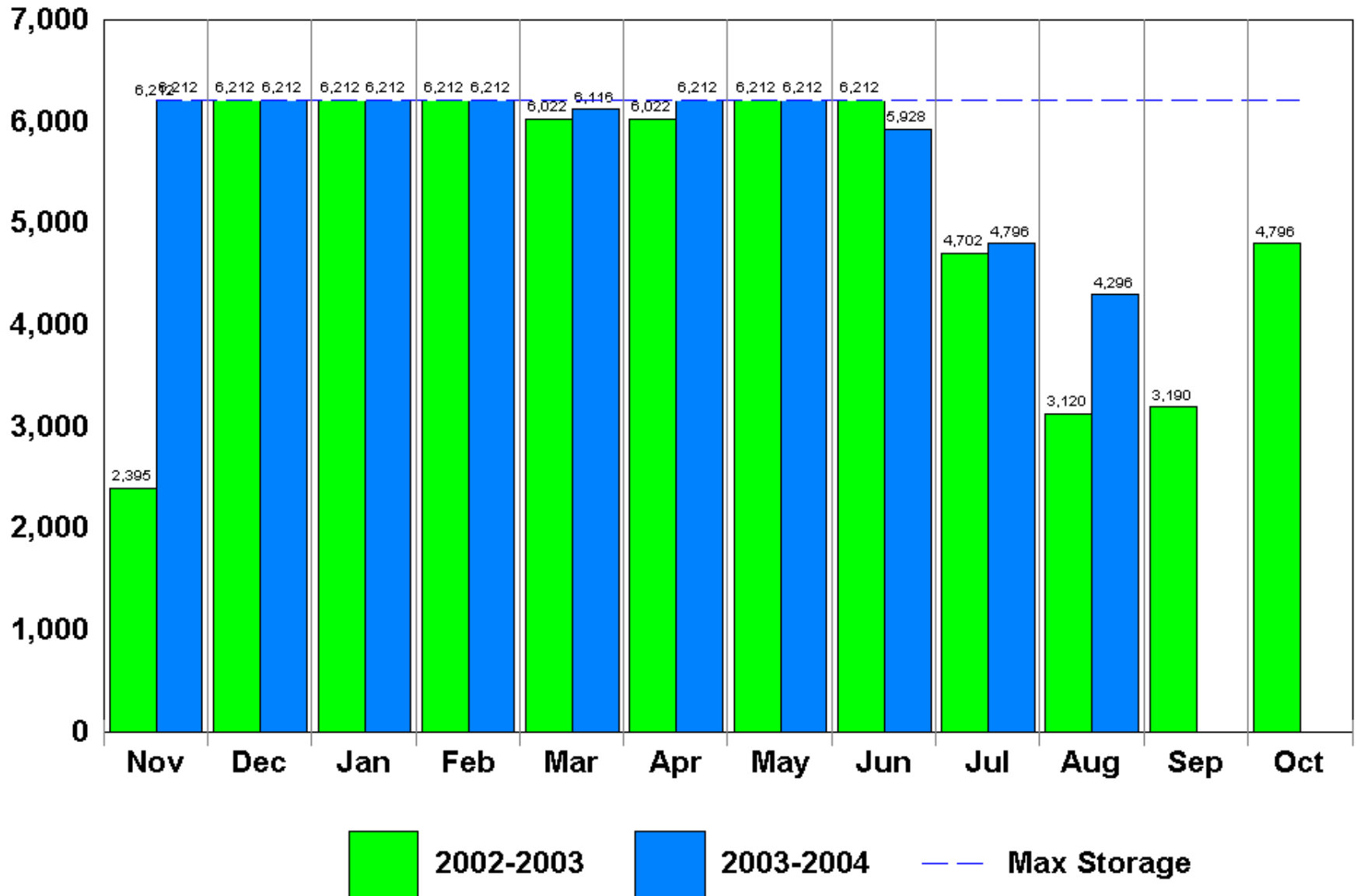
Standley Lake

(Agricultural)



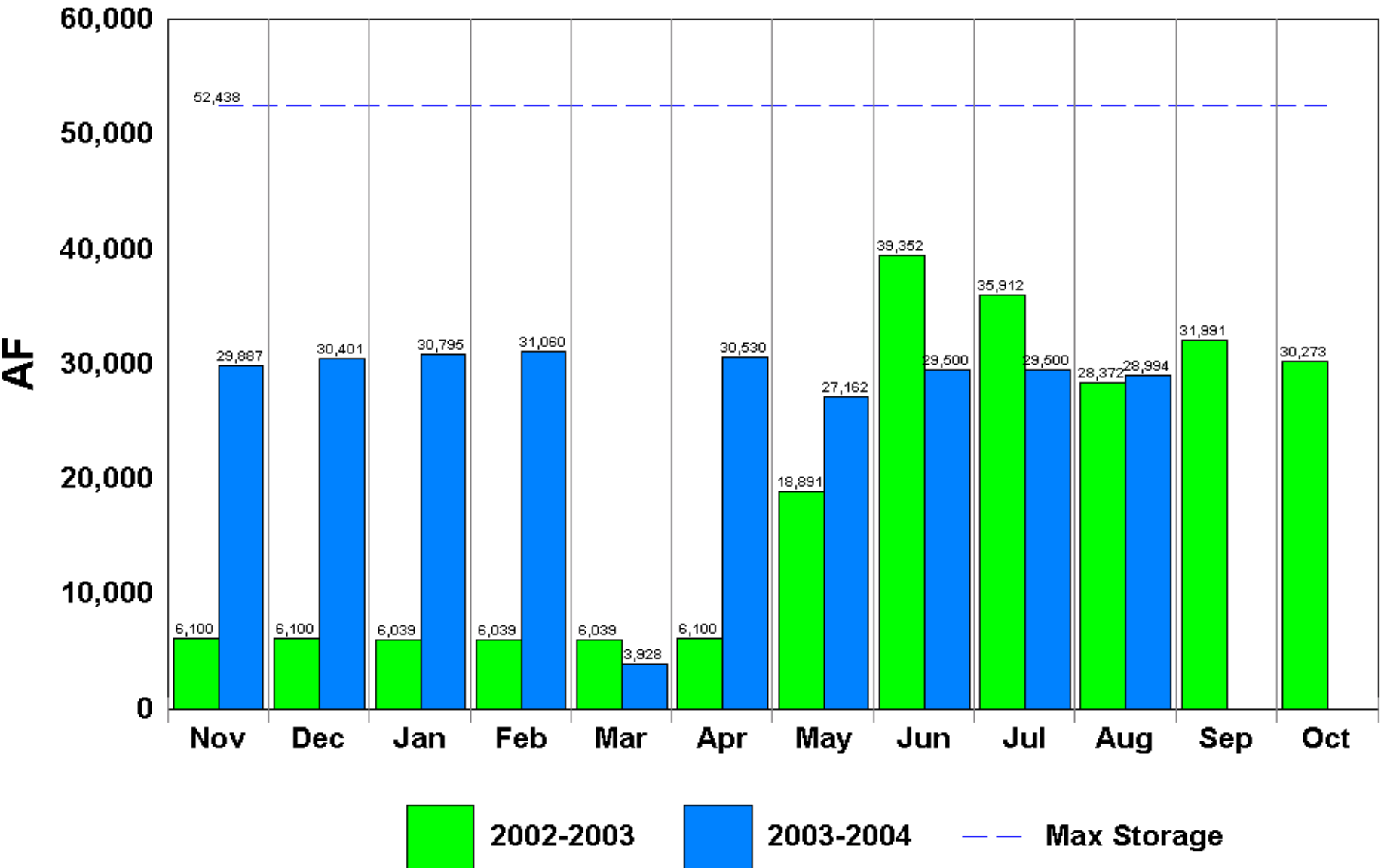
Lower Latham Reservoir

(Agricultural)



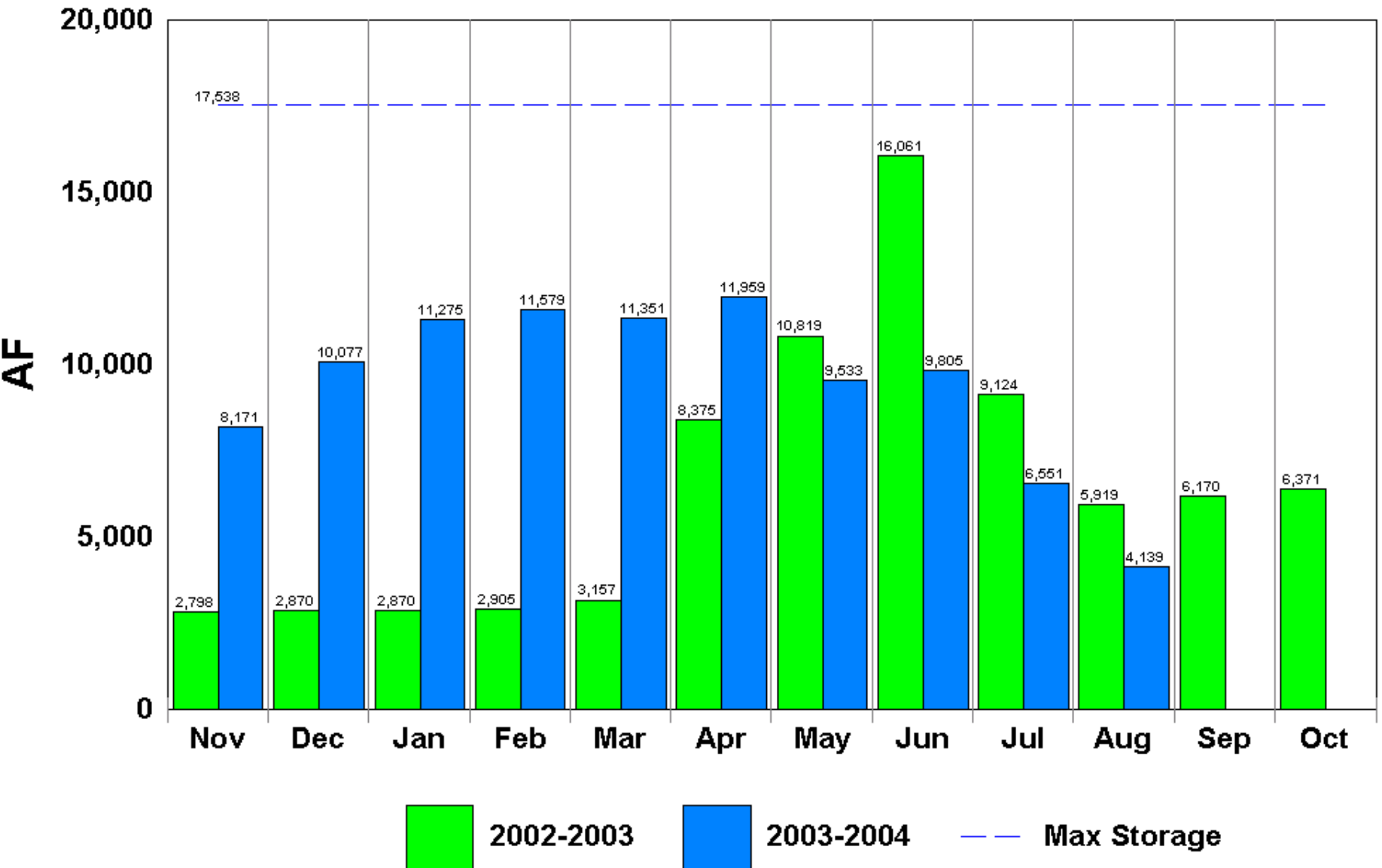
Boyd Lake

(Agricultural)



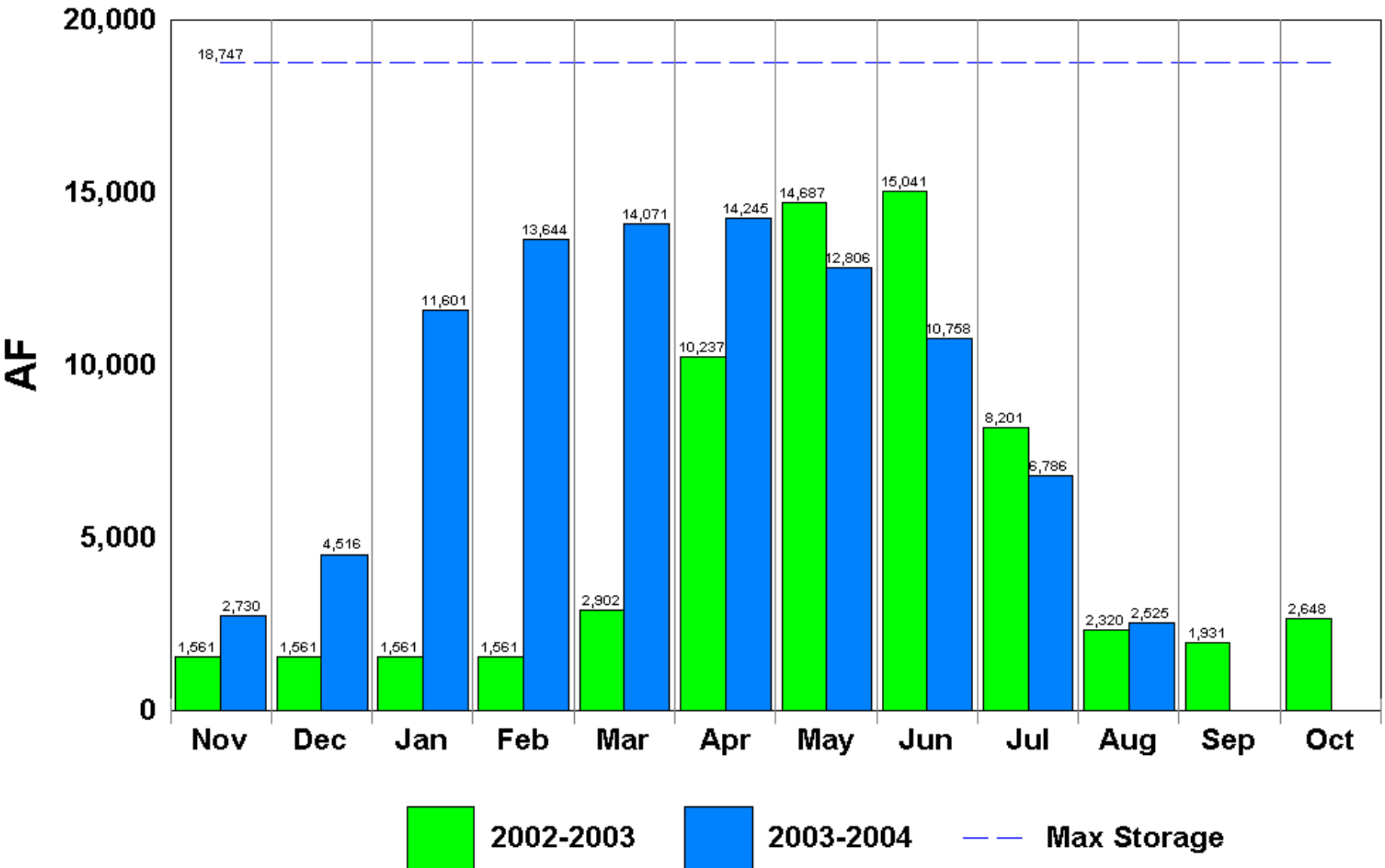
Windsor Reservoir

(Agricultural)



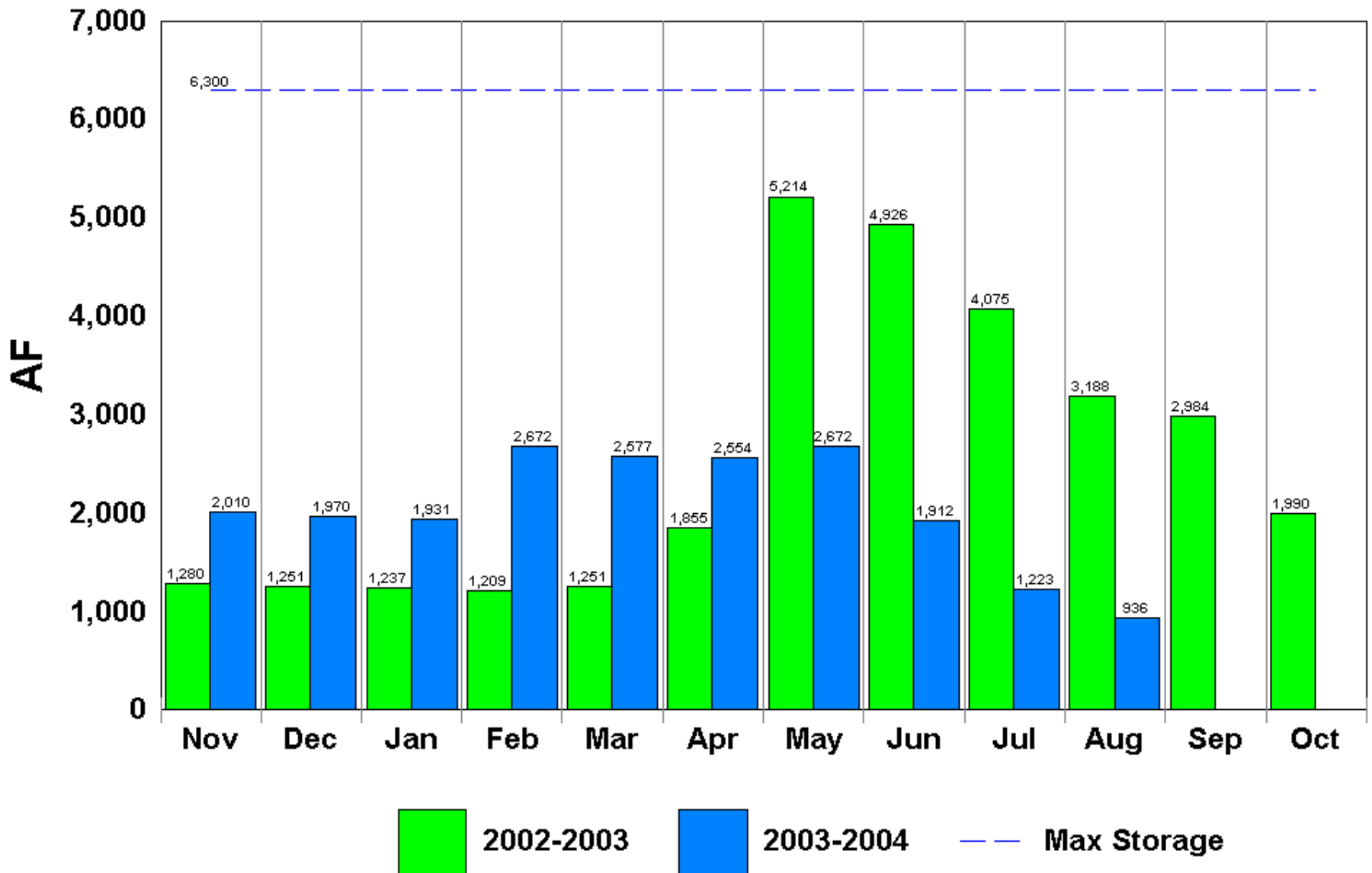
Horse Creek Reservoir

(Agricultural)



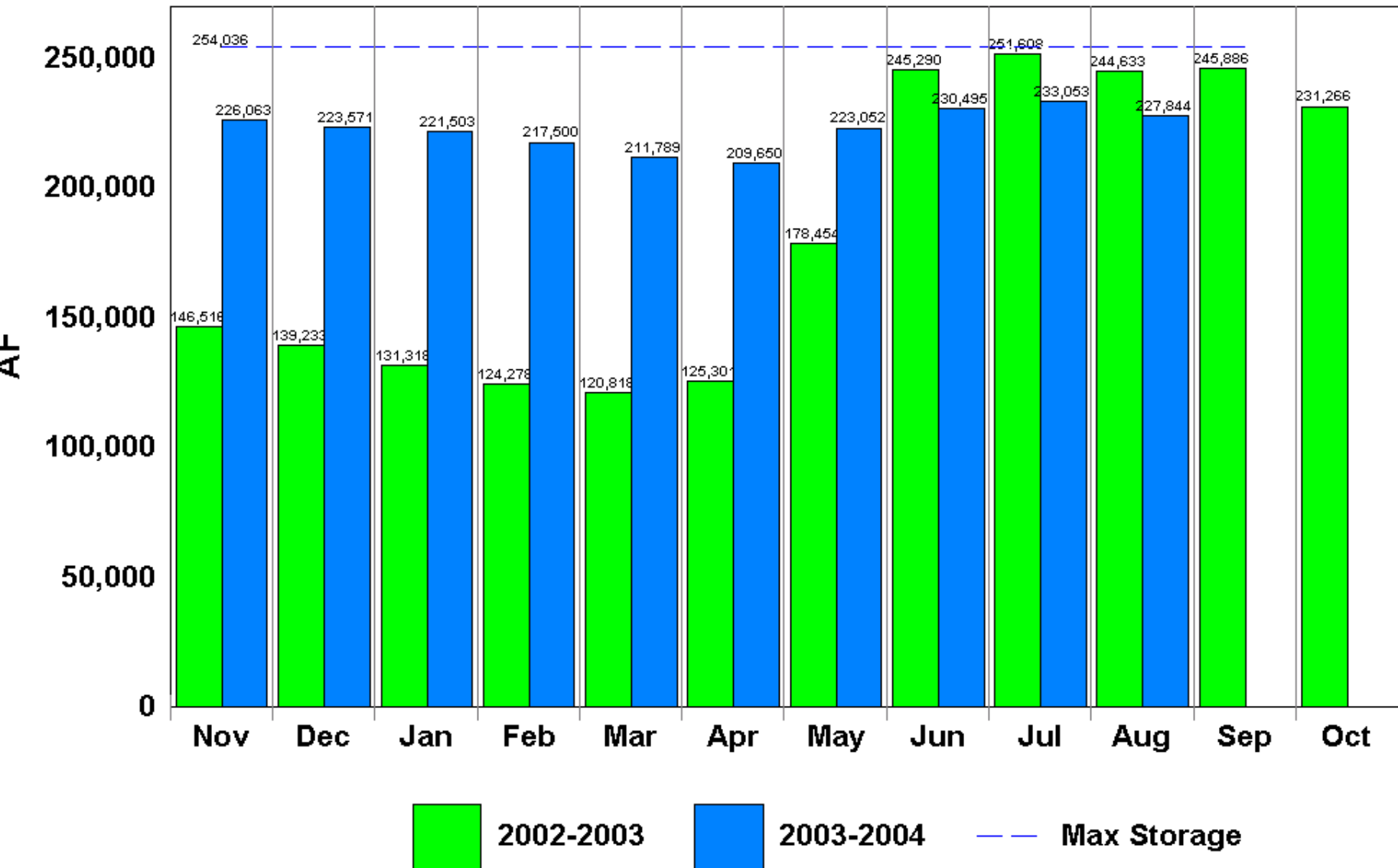
Prospect Reservoir

(Agricultural)



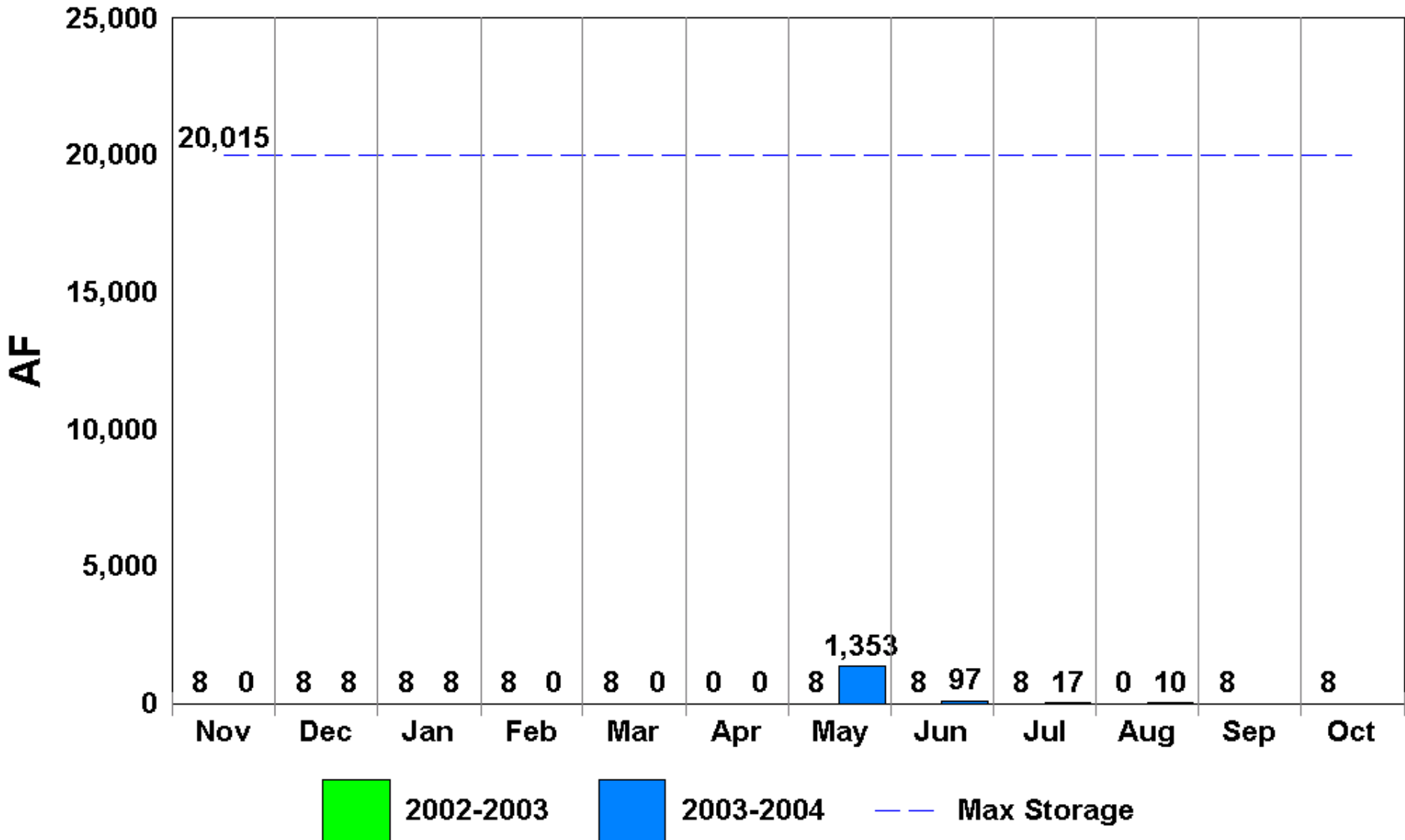
Dillon Reservoir

(Municipal)



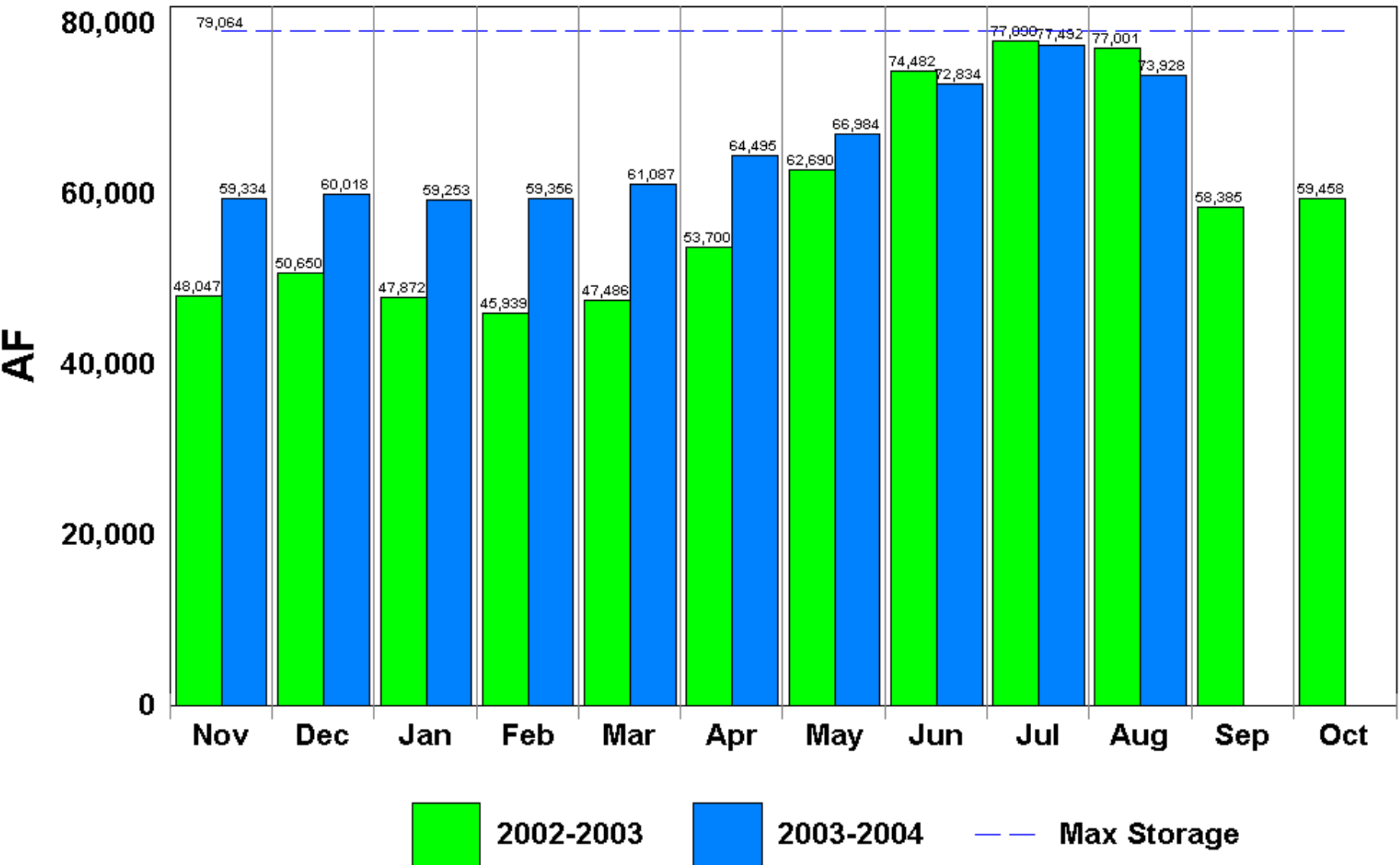
Antero Reservoir

(Municipal)



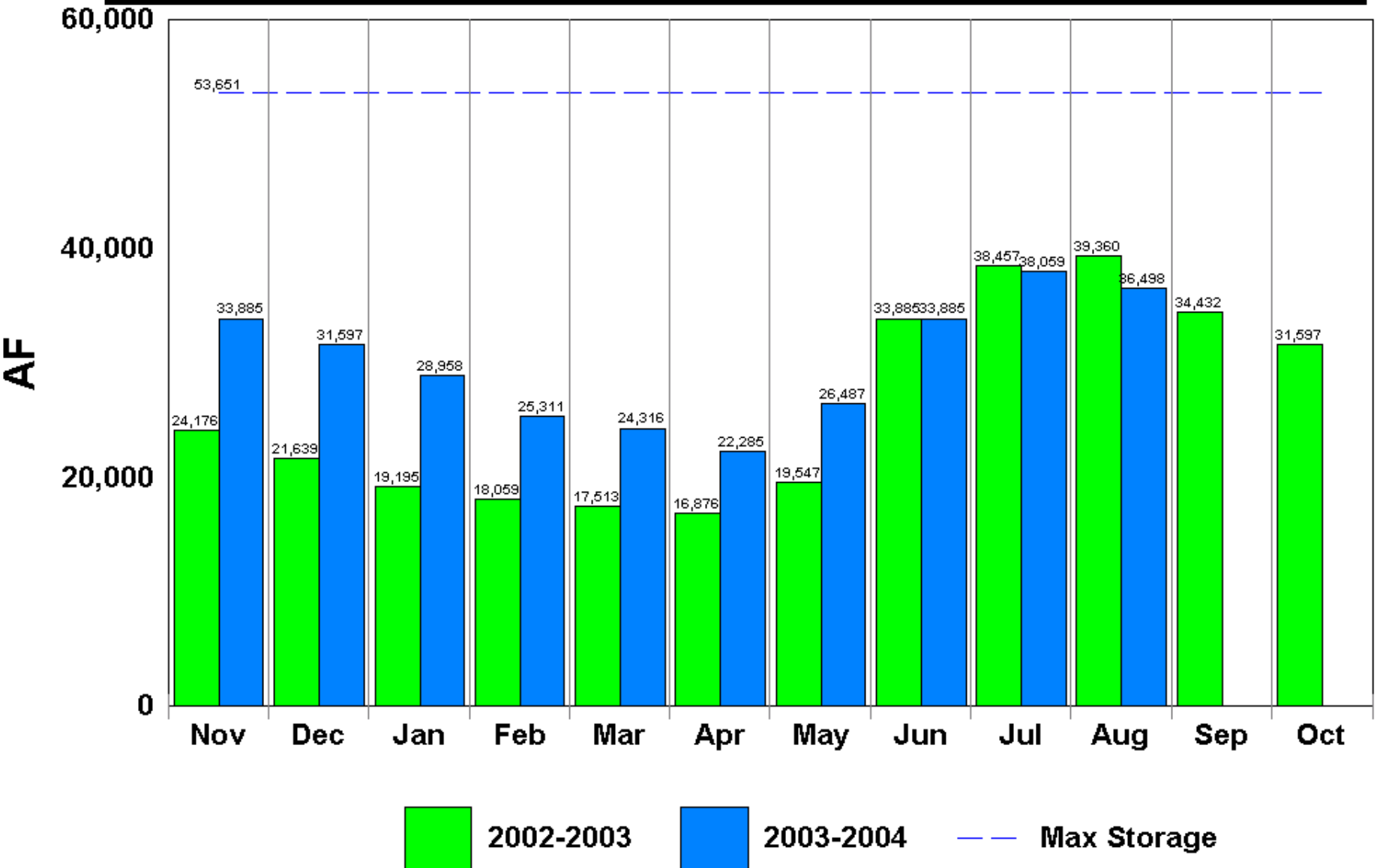
Cheesman Reservoir

(Municipal)



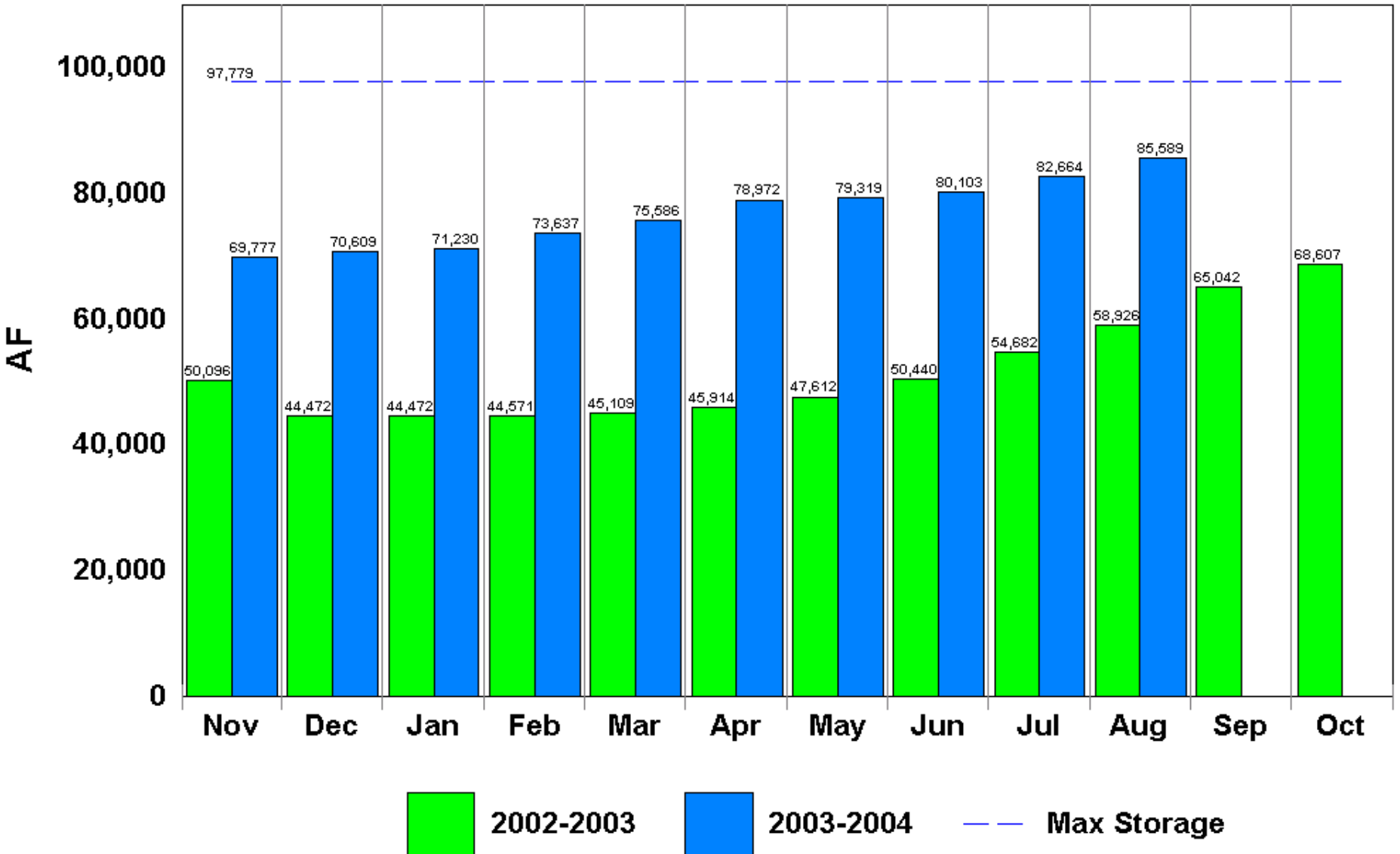
Spinney Mountain Reservoir

(Municipal)

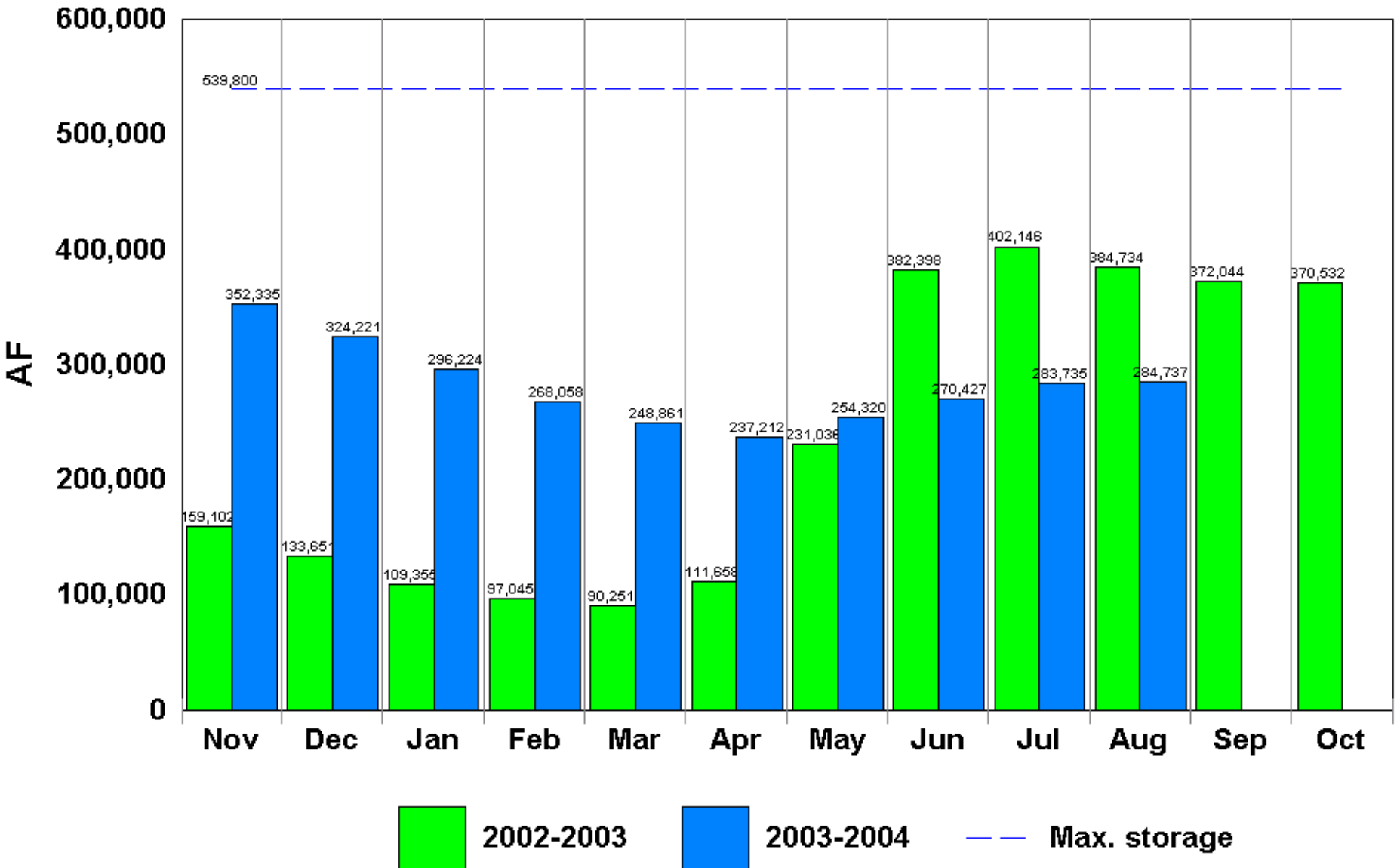


Eleven Mile Reservoir

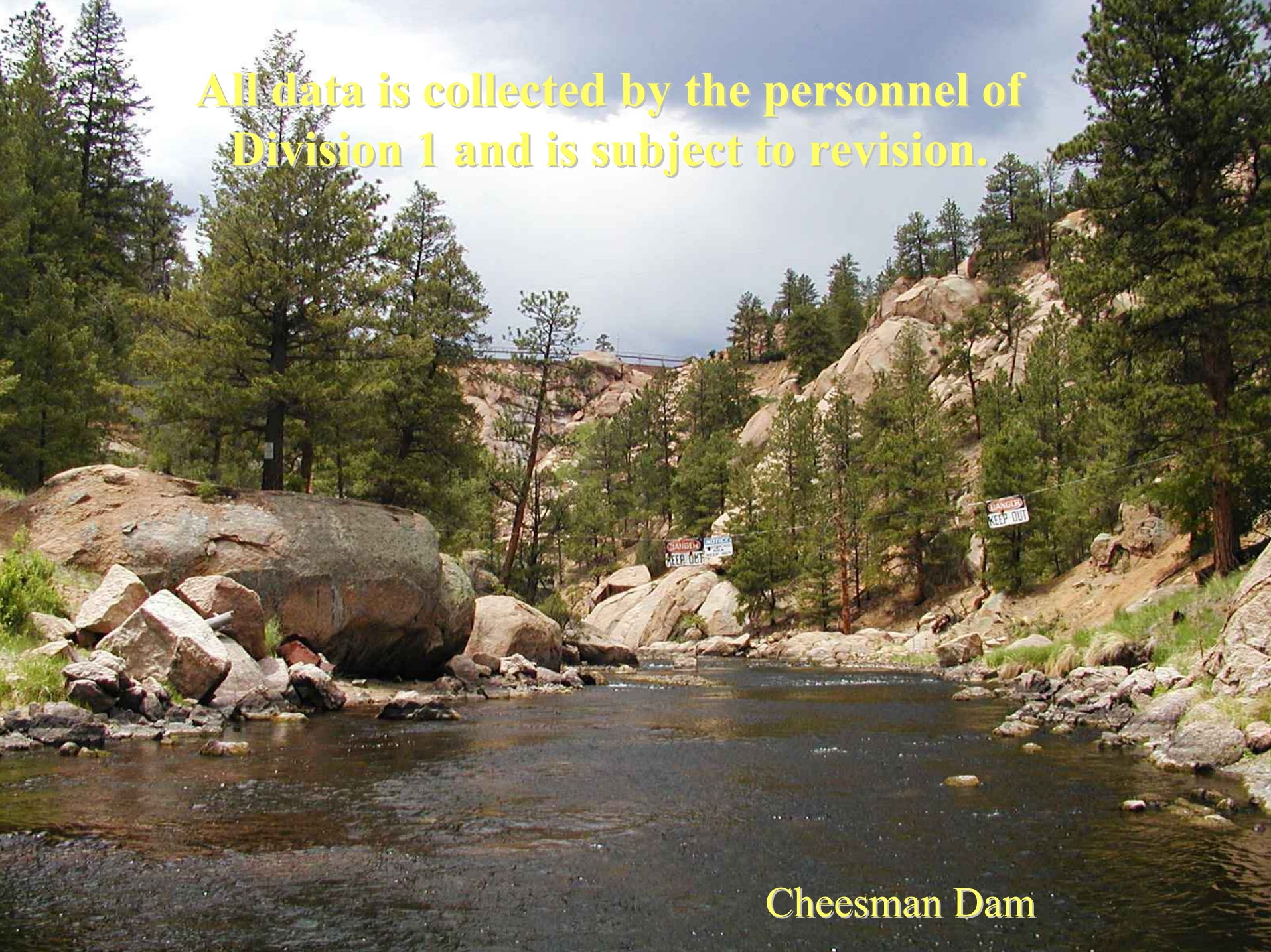
(Municipal)



Lake Granby



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



Cheesman Dam