

South Platte Summary



March 2004

By John Lochhead for
The Colorado Division of
Water Resources

Looking back at Mt. Silverheels from
the Tarryall



Mt. Evans March 2004



Mt. Evans March 2003



Mt. Evans March 2002

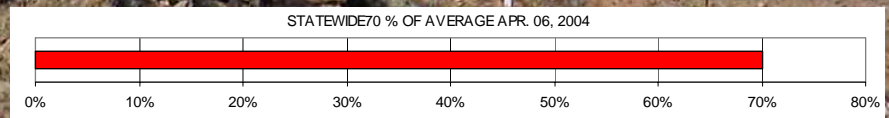
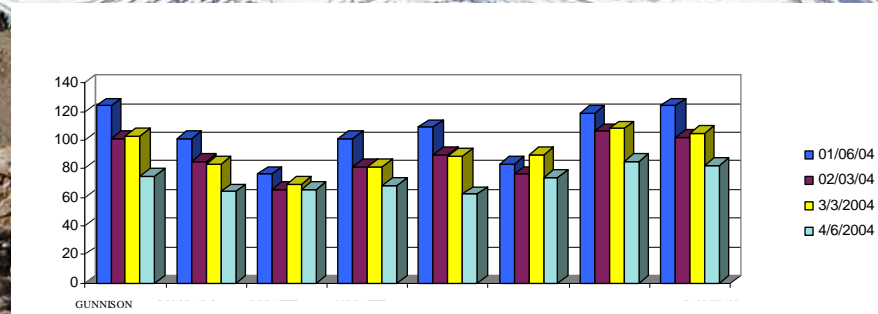
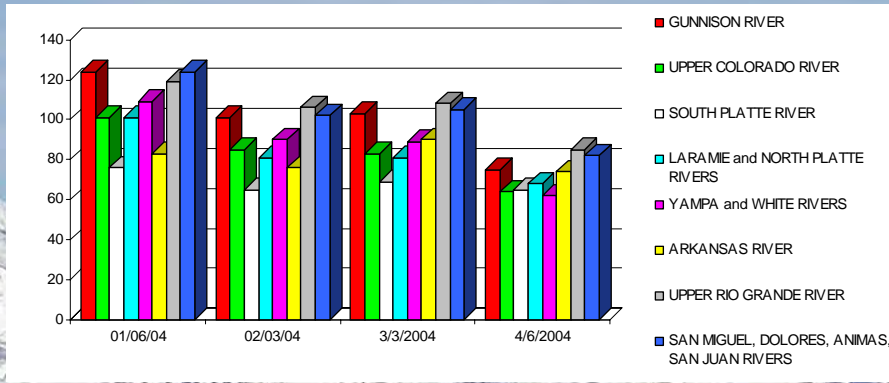
SNOTEL COURSE DATA

PRELIMINARY

SNOW WATER EQUIVALENT

PERCENT OF AVERAGE

BASINS	01/06/04	02/03/04	3/3/2004	4/6/2004
GUNNISON RIVER	124	101	103	75
UPPER COLORADO RIVER	101	85	83	64
SOUTH PLATTE RIVER	76	65	69	65
LARAMIE and NORTH PLATTE RIVERS	101	81	81	68
YAMPA and WHITE RIVERS	109	90	89	62
ARKANSAS RIVER	83	76	90	74
UPPER RIO GRANDE RIVER	119	106	108	85
SAN MIGUEL, DOLORES, ANIMAS, SAN JUAN RIVERS	124	102	105	82



COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

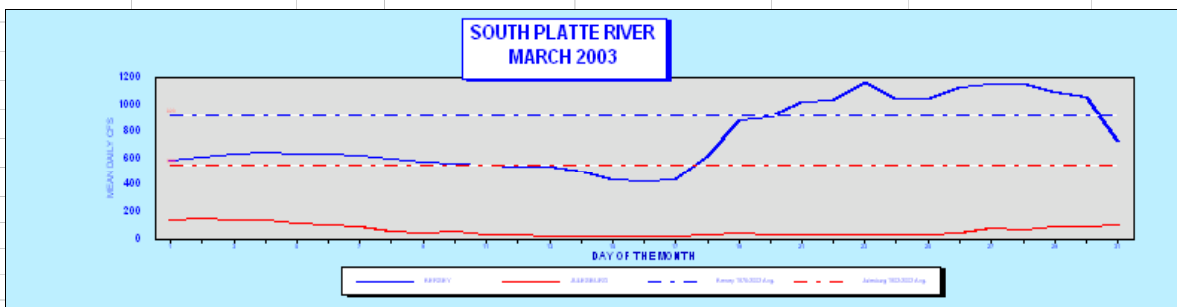
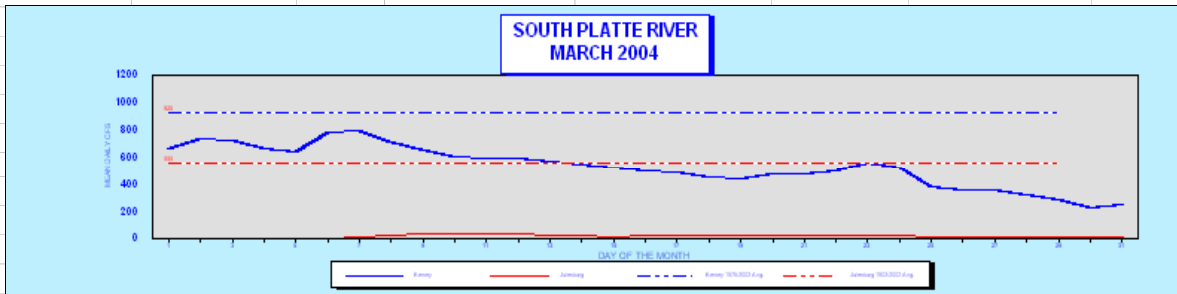
MONTH OF MARCH 2004

06-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	18,270	22,520	64	4,250	23%	99%	100%	0
NORTH STERLING	73,730	49,810	61,910	64	12,100	24%	84%	56%	0
PREWITT	28,500	11,670	12,890	64	1,220	10%	45%	44%	0
JACKSON	27,257	24,682	25,966	1	1,284	5%	95%	95%	0
EMPIRE	37,700	26,172	24,988	1	(1,184)	-5%	66%	69%	0
RIVERSIDE	63,113	50,784	59,002	1	8,218	16%	93%	91%	0
BARR LAKE	31,652	20,440	19,480	2	(960)	-5%	62%	65%	0
CHEESMAN	79,064	59,356	61,087	80	1,731	3%	77%	60%	0
ELEVEN MILE	97,779	73,637	75,586	23	1,949	3%	77%	46%	0
SPINNEY	53,651	25,311	24,316	23	(995)	-4%	45%	33%	0
ANTERO	20,015	0	0	23	0	ERR	0%	0%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	528
JULESBURG	19
THIS MONTH LAST YEAR	
KERSEY	760
JULESBURG	63
MEAN FOR PERIOD OF RECORD*	
KERSEY	920
JULESBURG	555

* 1976-2002
1902-2002



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

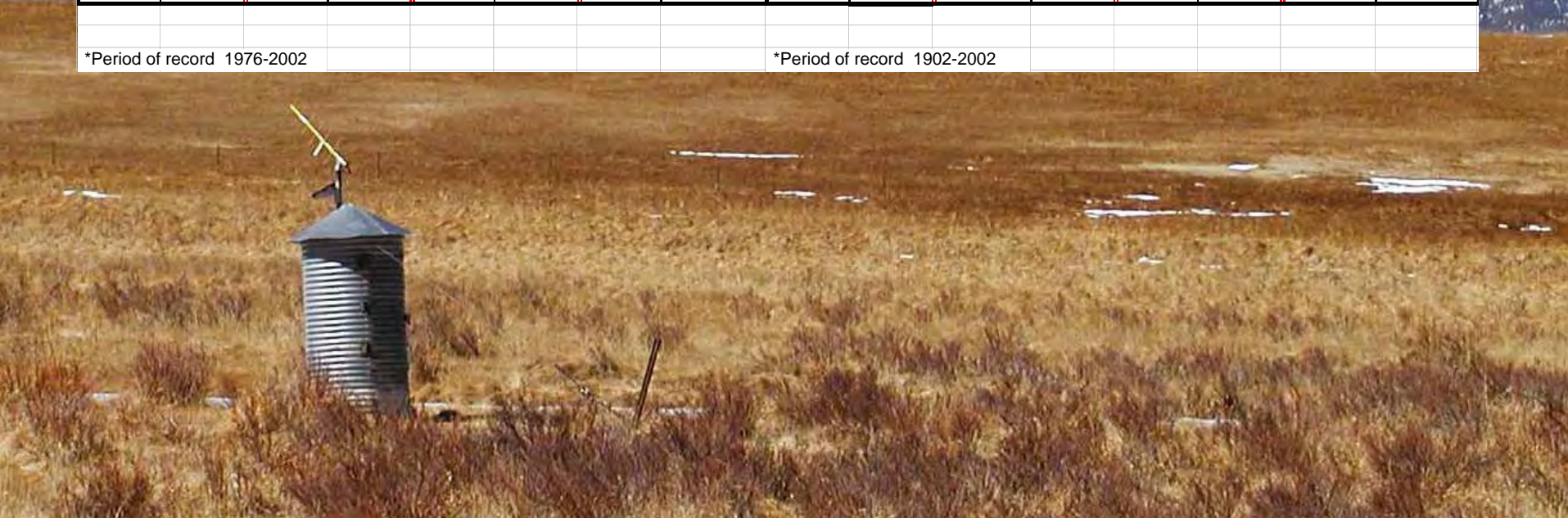
South Platte River at Kersey

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	615		Feb	616	1864	1930	78.9	1935	54	*
Mar	920	1852	1983	473	1982	528		Mar	555	2200	1939	56.9	1904	19	
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		

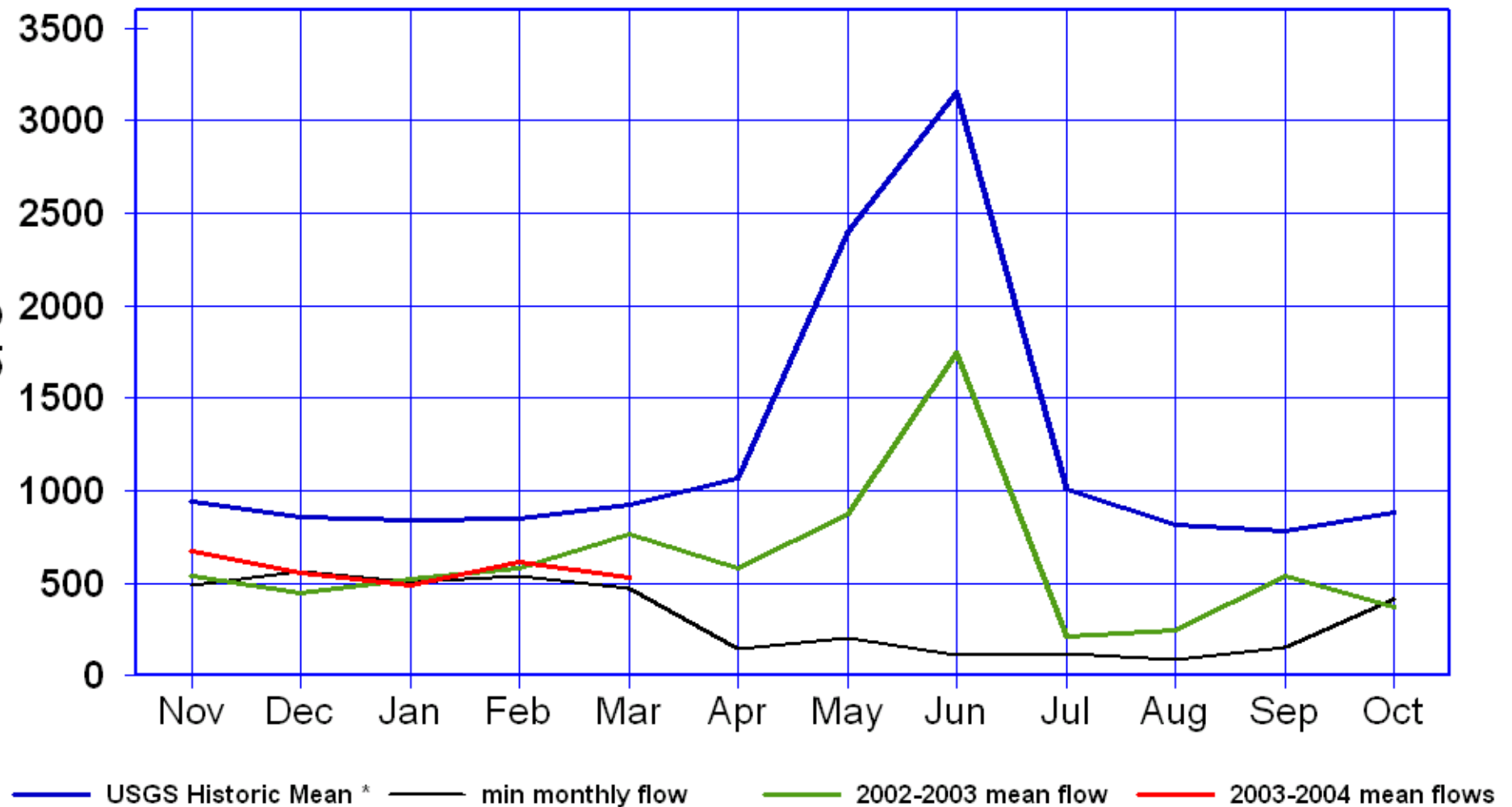
*Period of record 1976-2002

*Period of record 1902-2002



South Platte River at Kersey

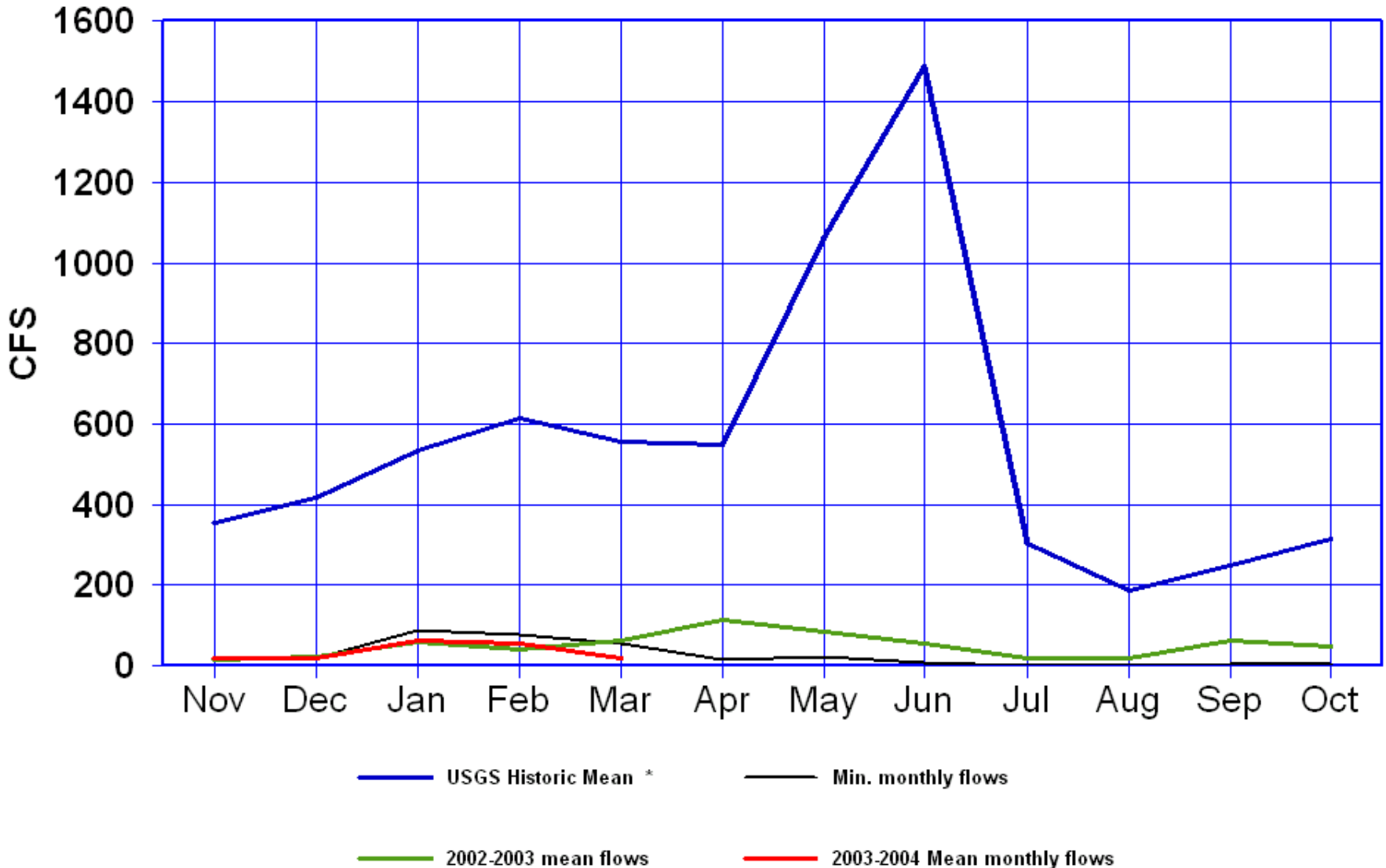
Irrigation Water Year*



*1976-2002

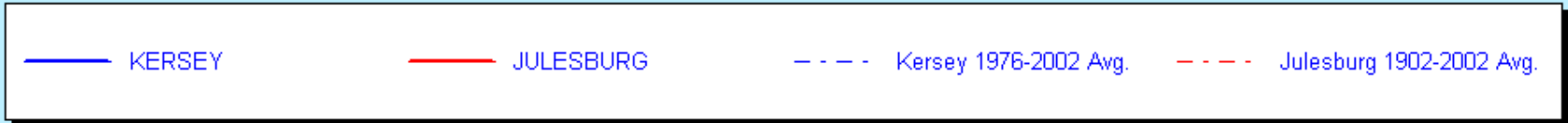
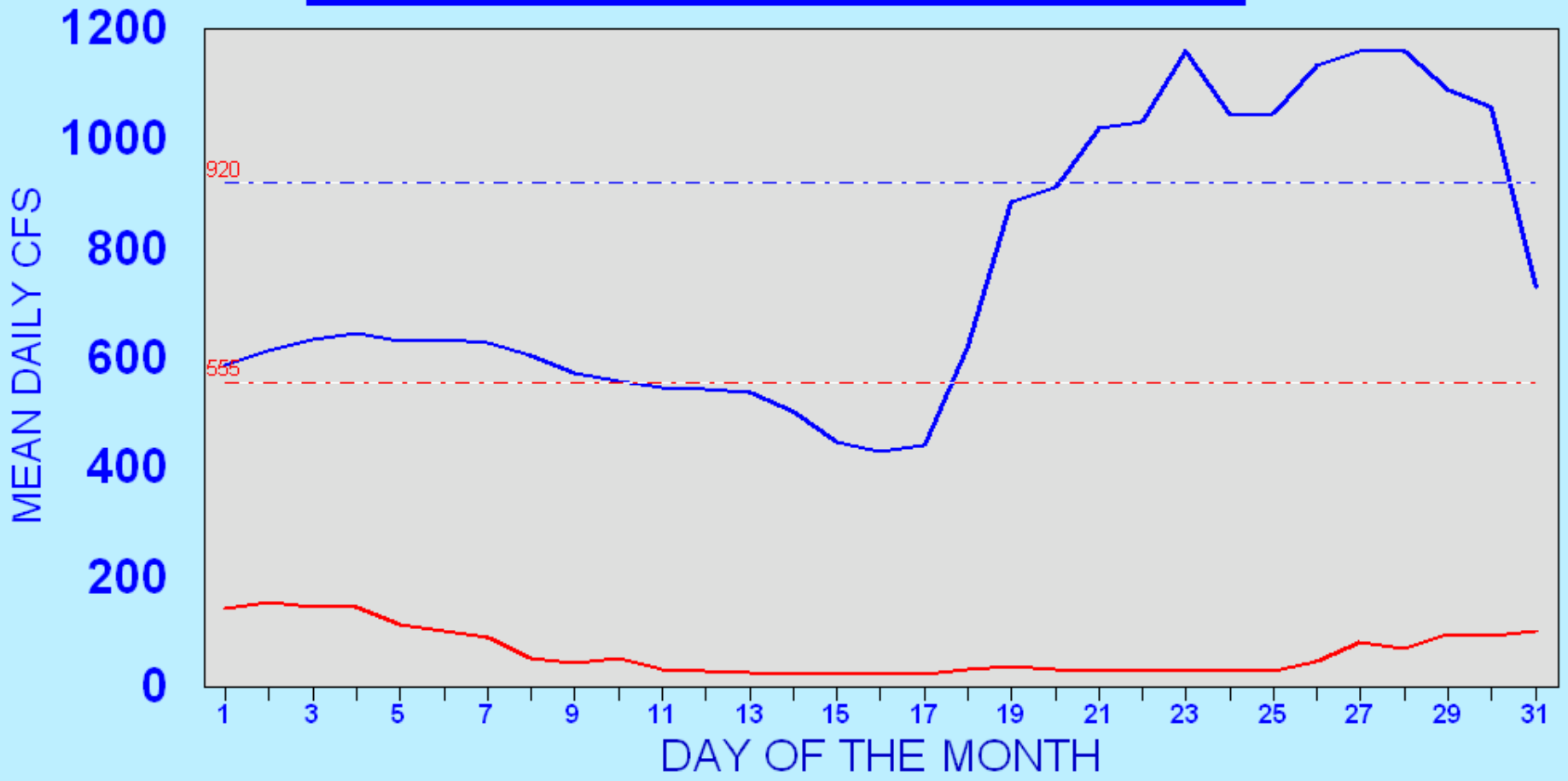
South Platte River at Julesburg

Irrigation Water Year*

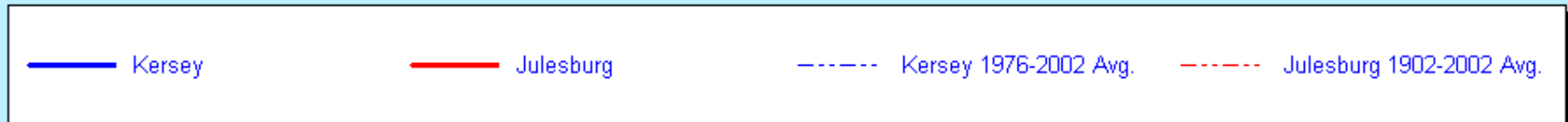
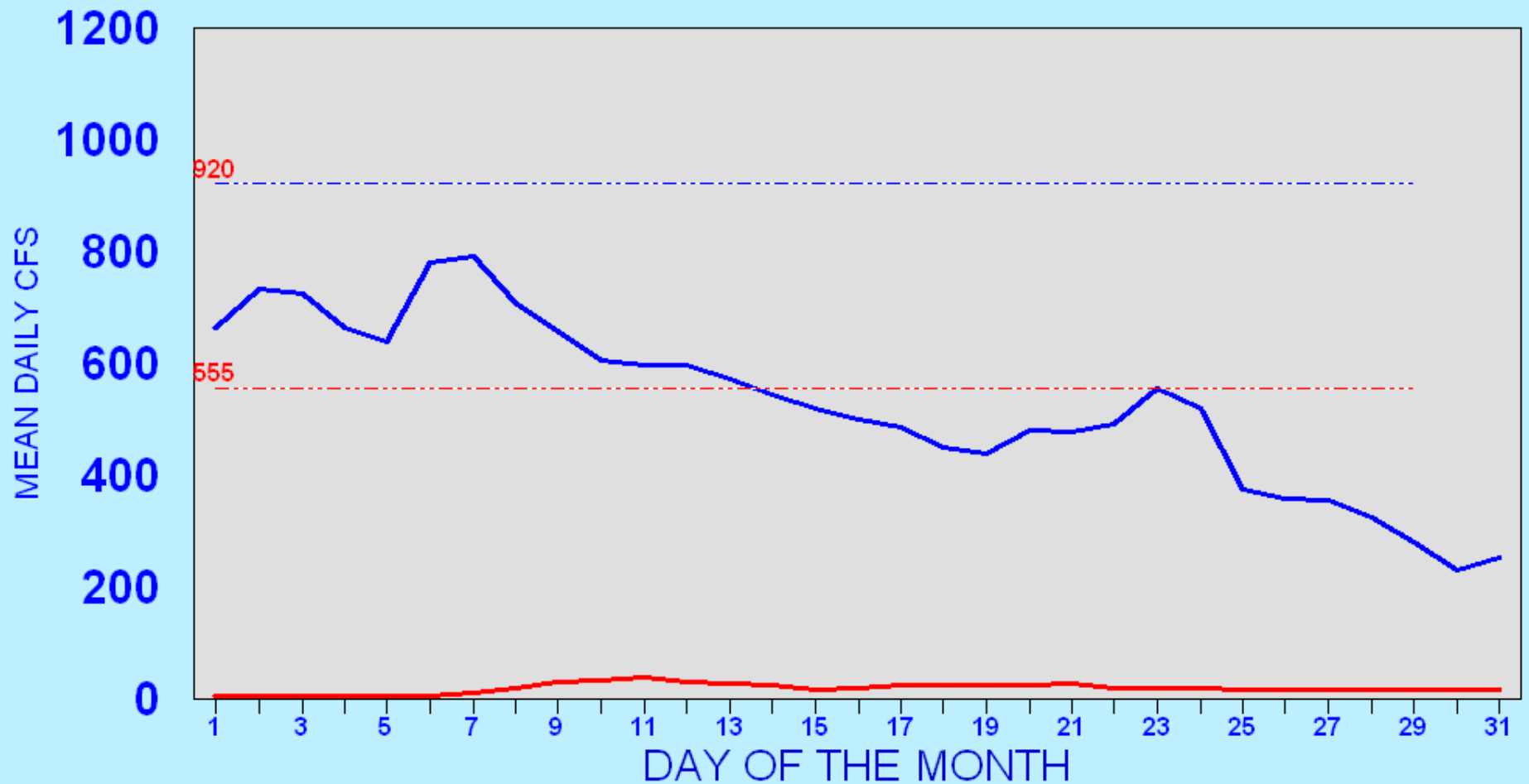


*1902-2002

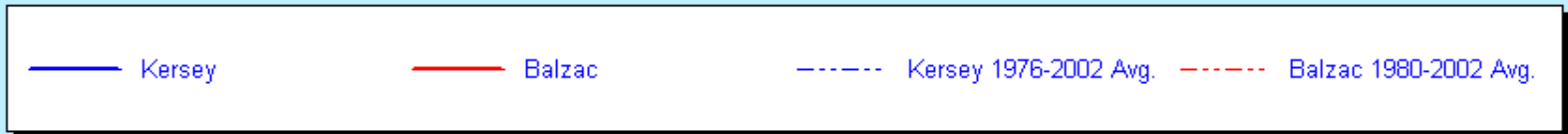
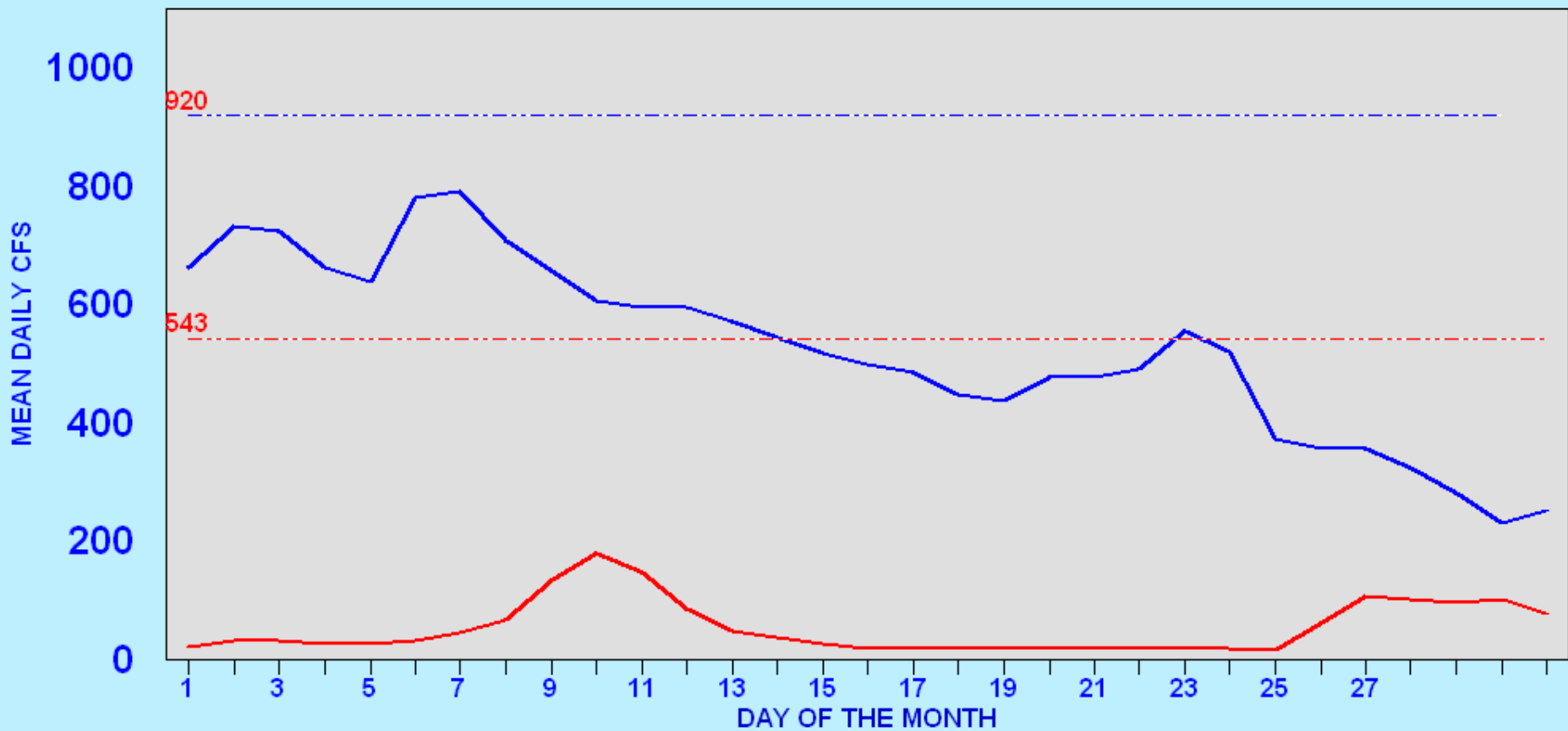
SOUTH PLATTE RIVER MARCH 2003



SOUTH PLATTE RIVER MARCH 2004



Kersey, Balzac MARCH 2004



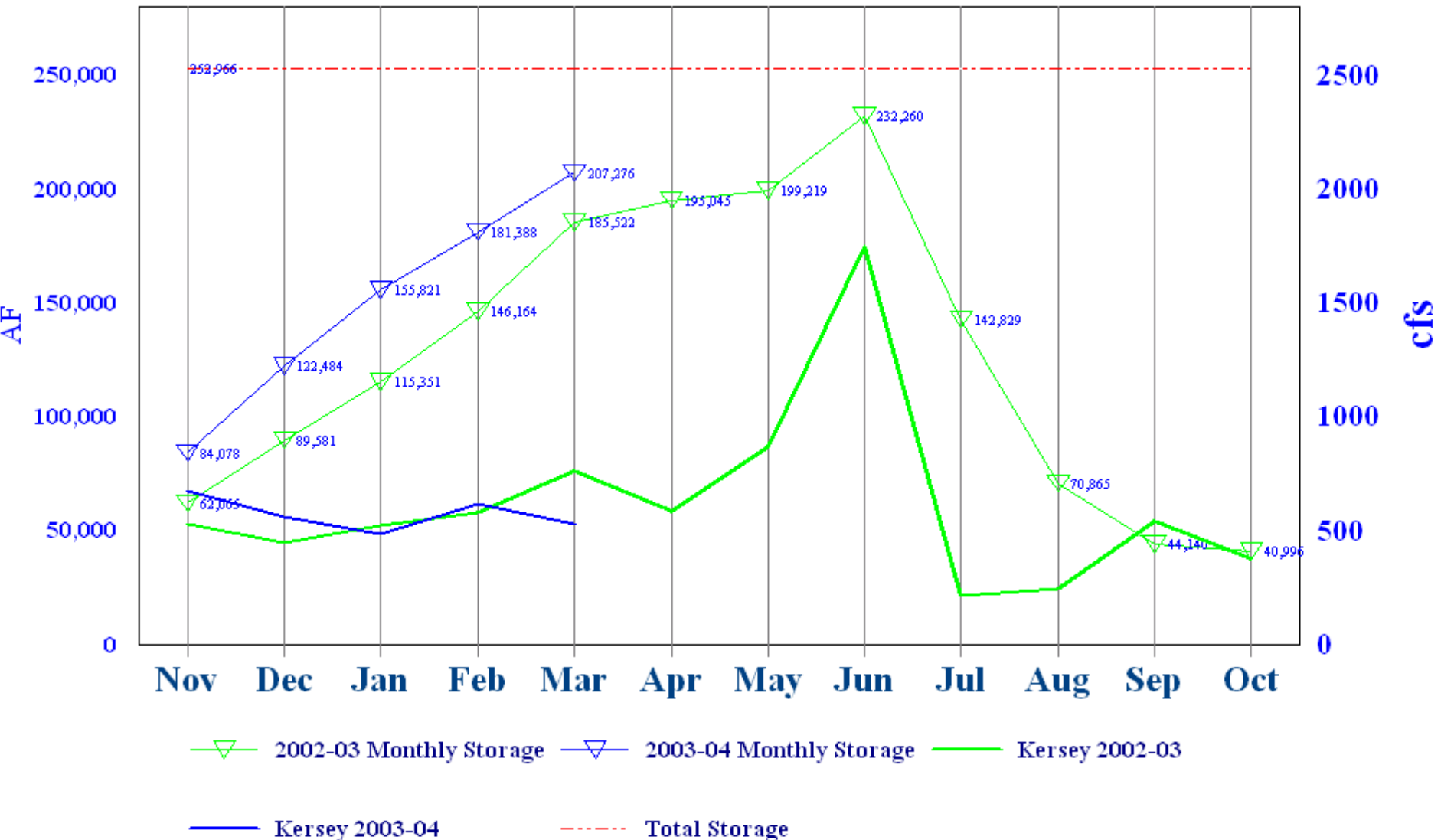
Next 4 slides show Reservoir storage below and above Kersey



Tarryall Dam

Reservoir Storage below Kersey

Selected Reservoirs*

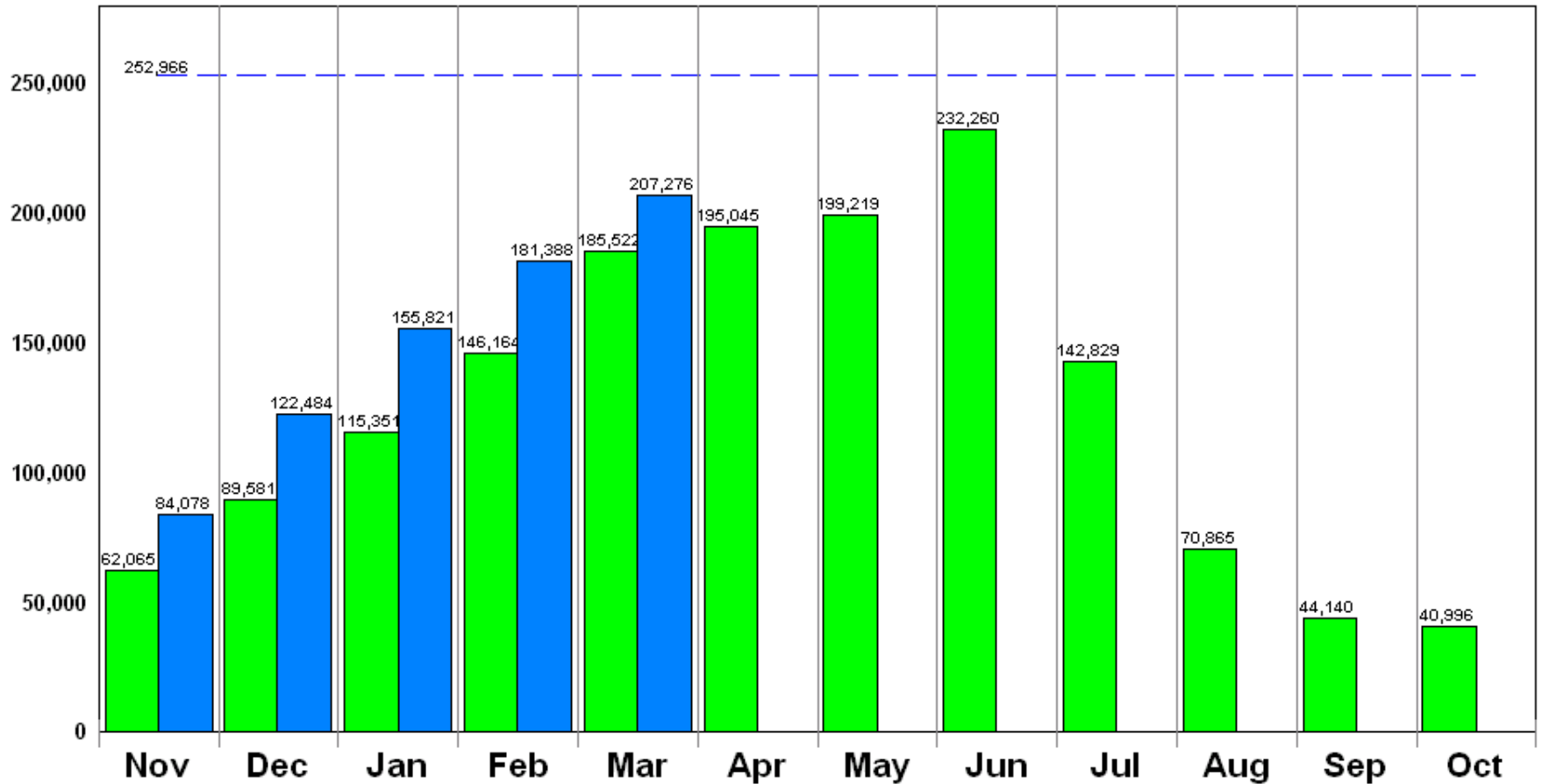


— Kersey 2003-04

- - - Total Storage

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

South Platte Reservoirs Storage below Kersey*

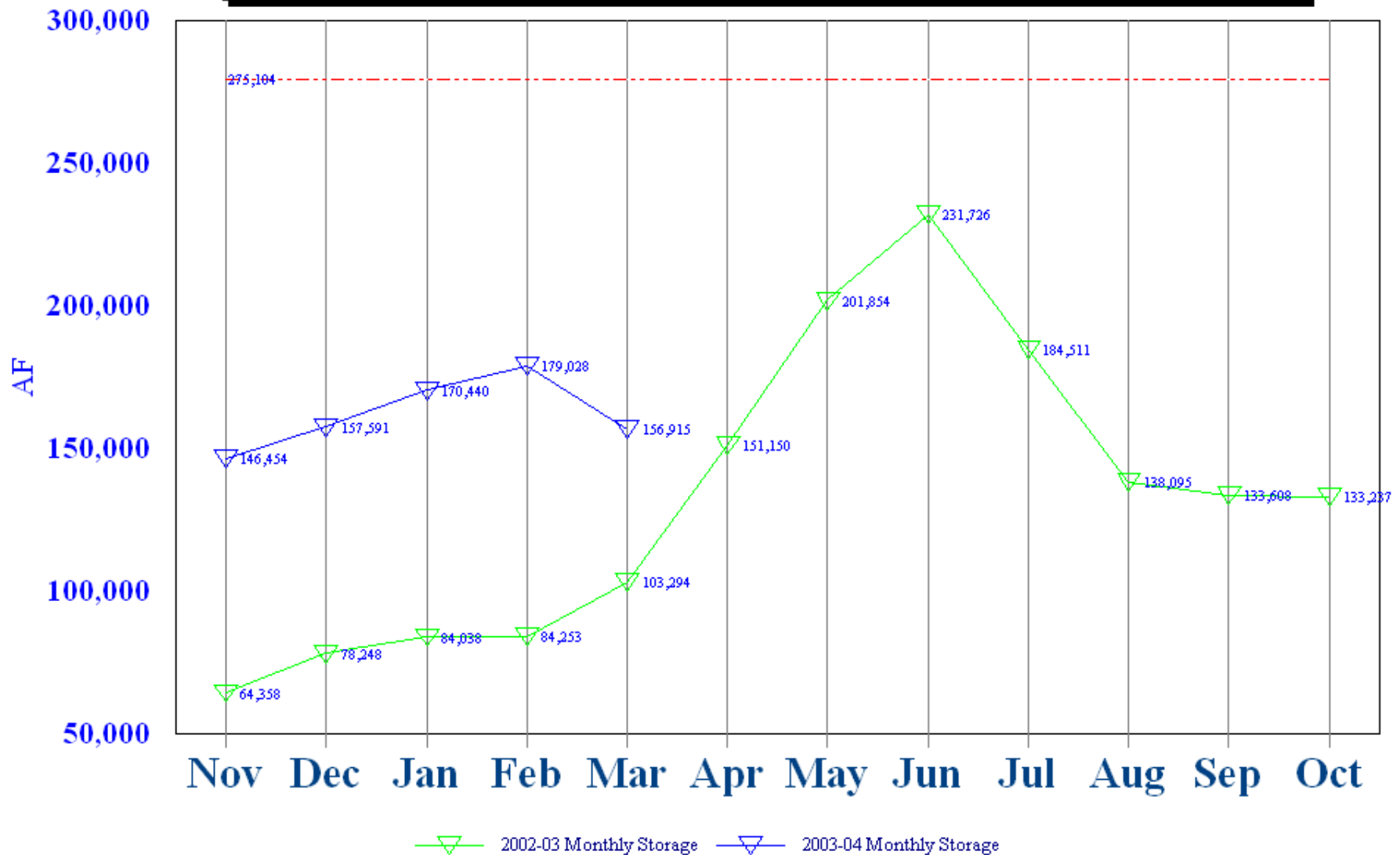


Total storage 2002-03
 Total Storage 2003-04
 Maximum Storage

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

Reservoir Storage above Kersey

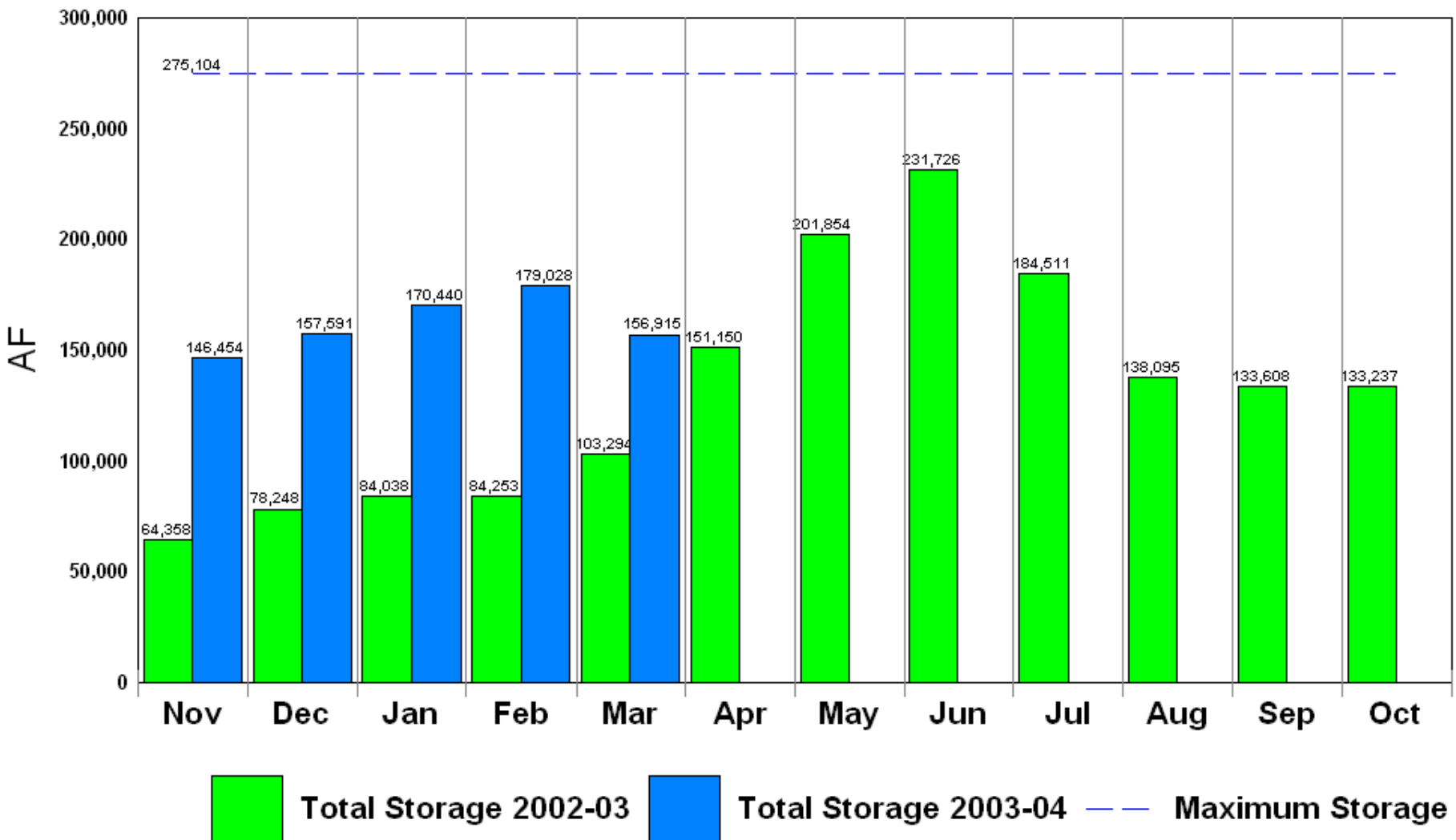
Selected Reservoirs*



*

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

South Platte Reservoirs Storage above Kersey*



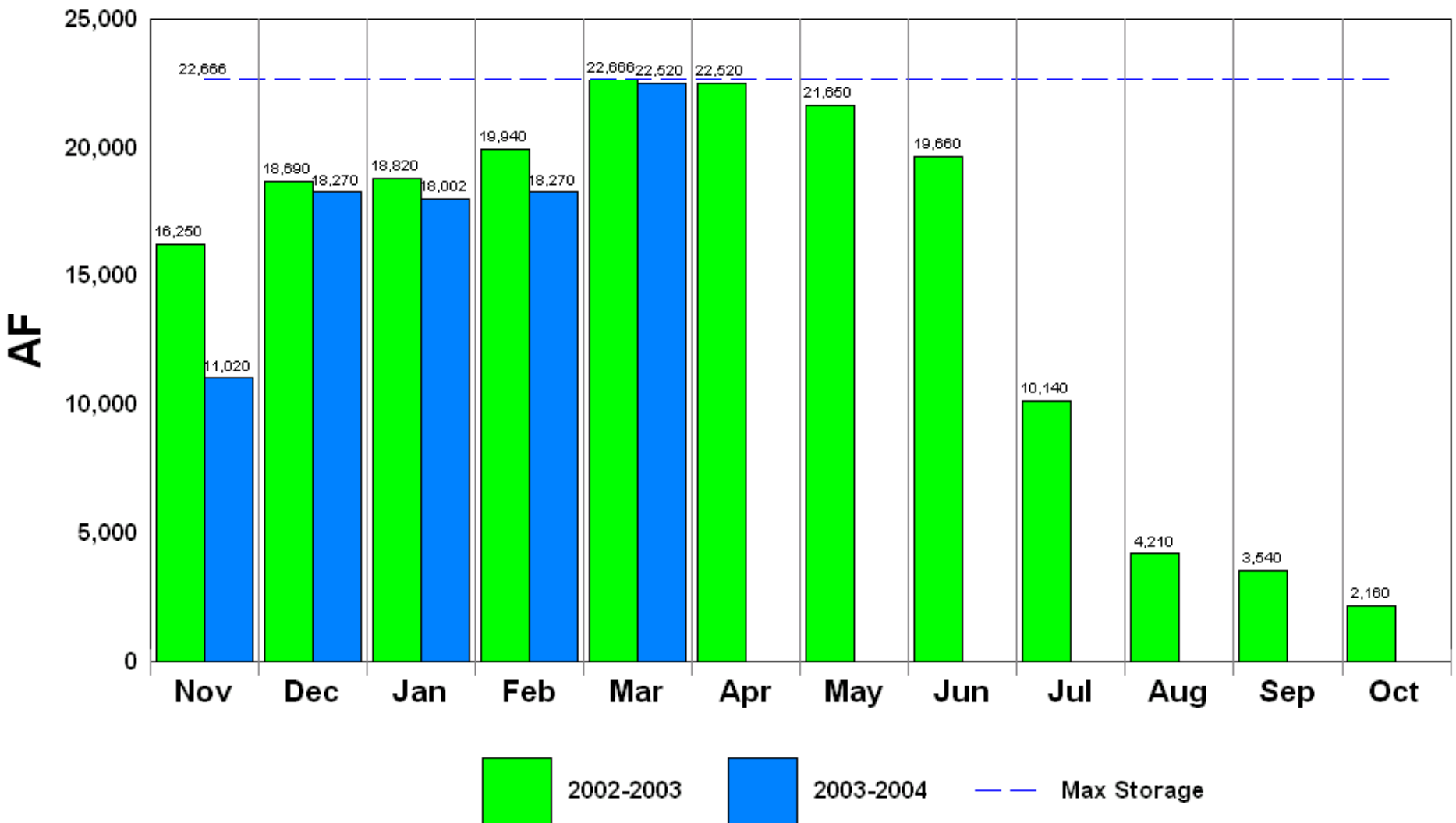
*Barr,Cobb,FossilCrk,Halligan,Marshall,Milton,Union,Standley,LowerLatham,Boyd,Loveland,Windsor,HorseCrk,Prospect. by jhl

Individual Reservoir Storage follows:



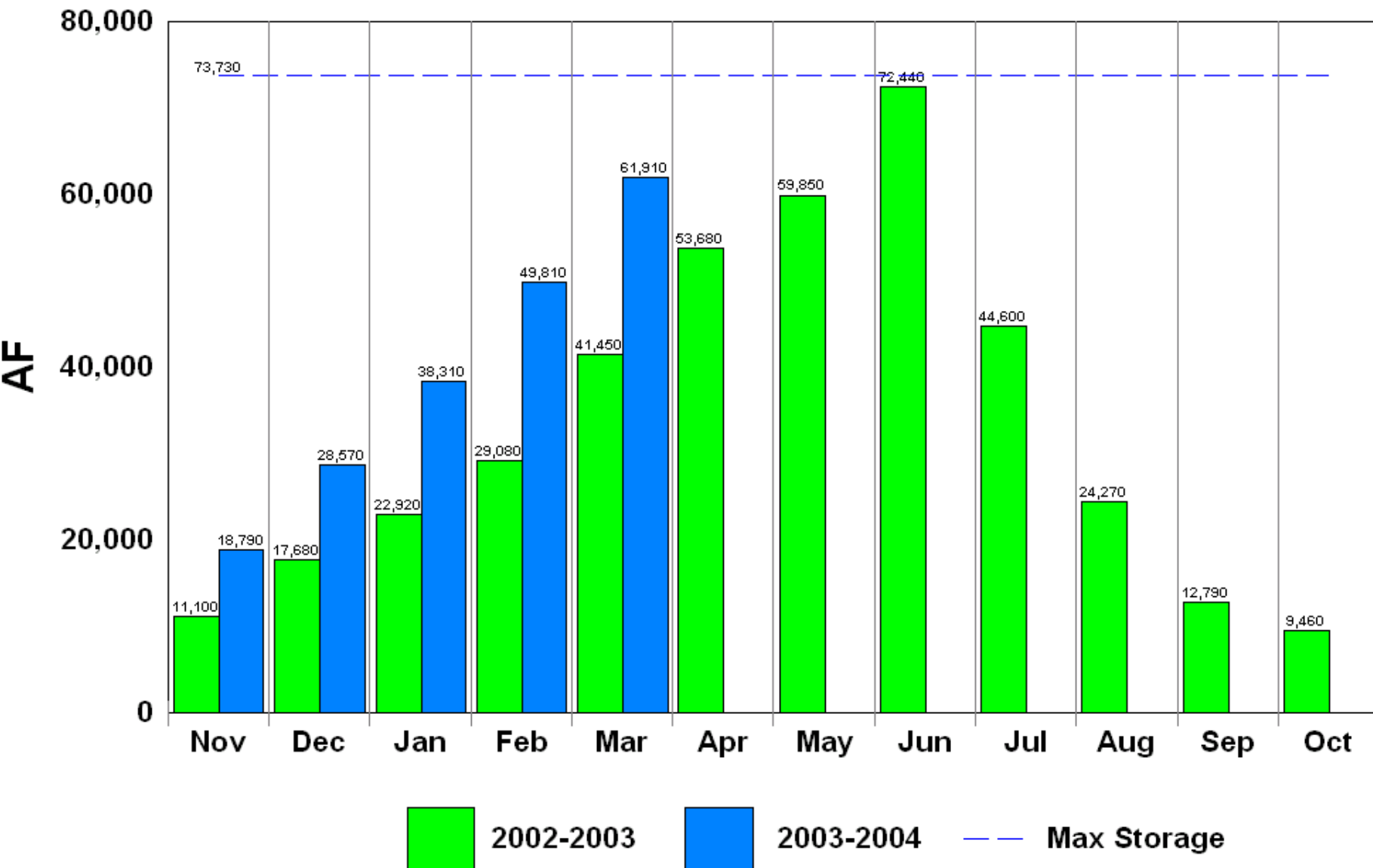
Julesburg Reservoir

(Agricultural)



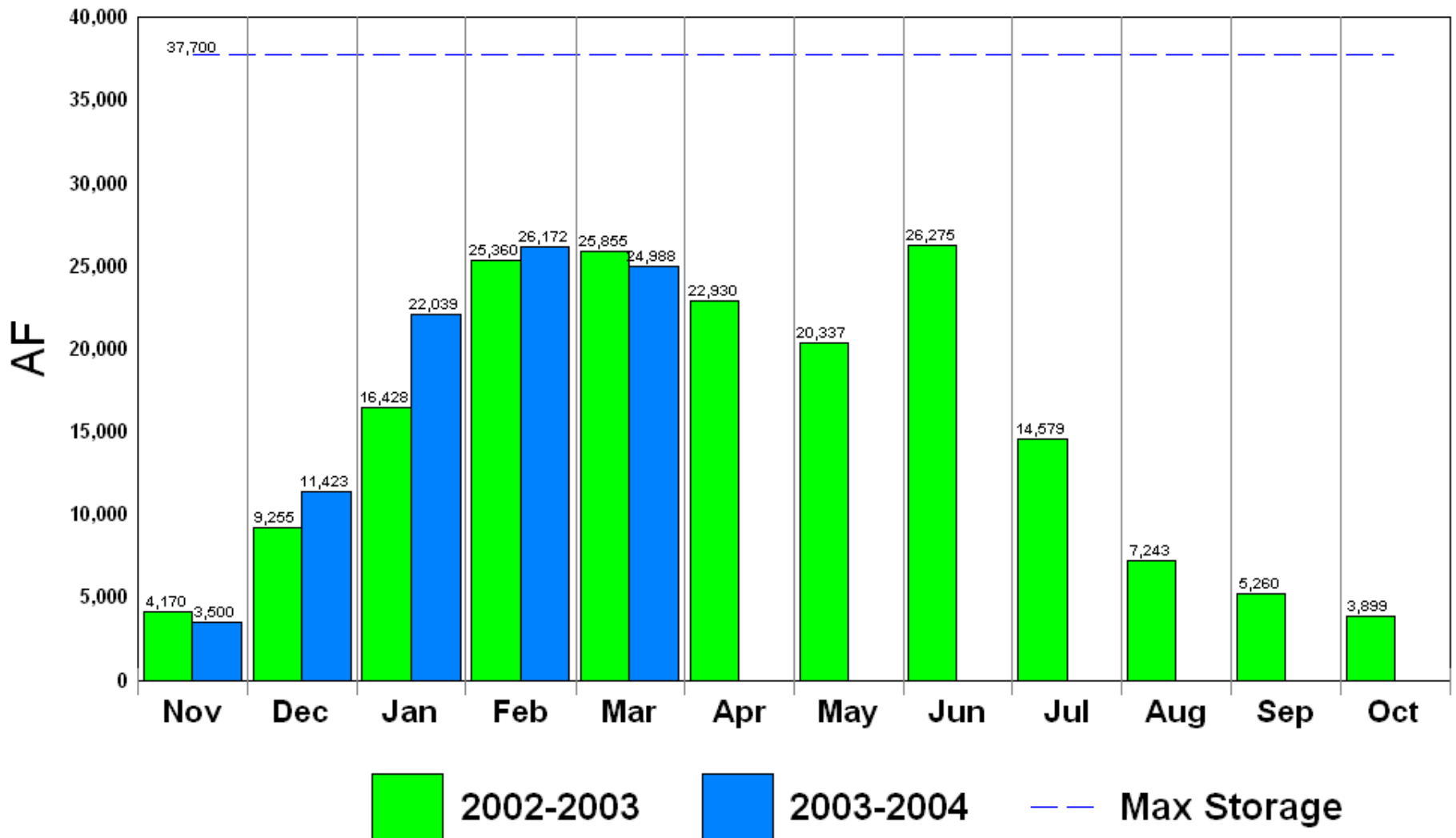
N. Sterling Reservoir

(Agricultural)



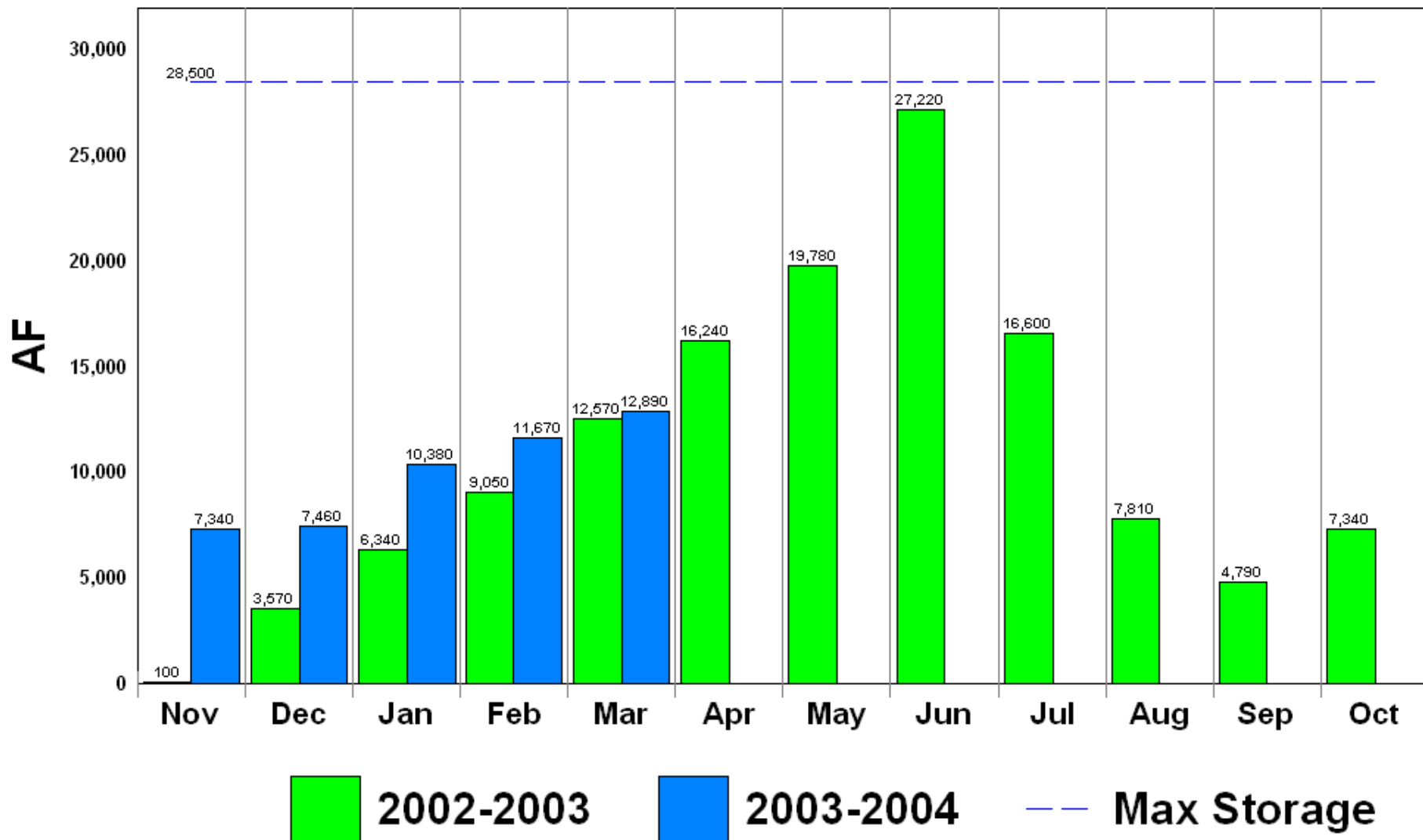
Empire Reservoir

(Agricultural)



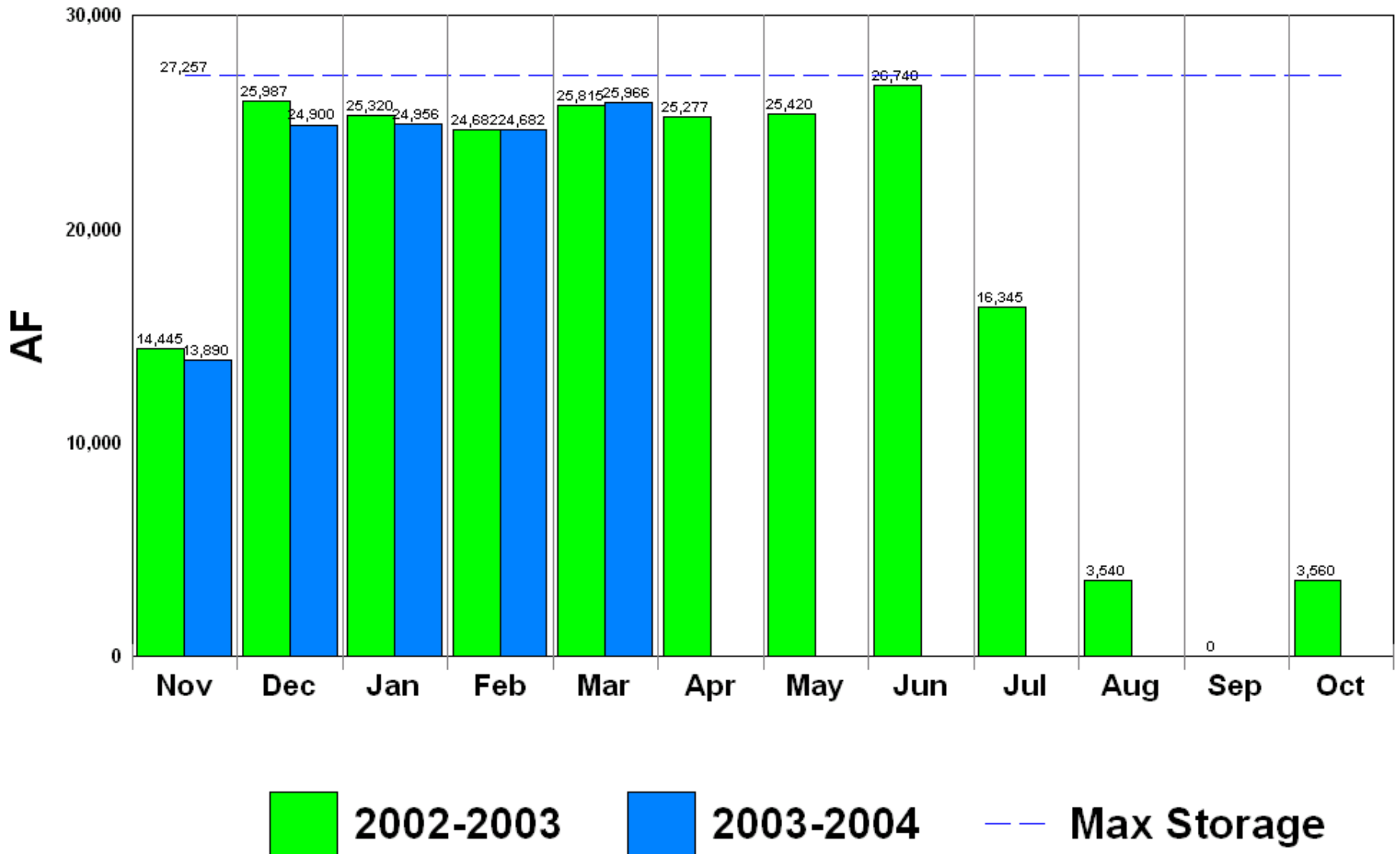
Prewitt Reservoir

(Agricultural)



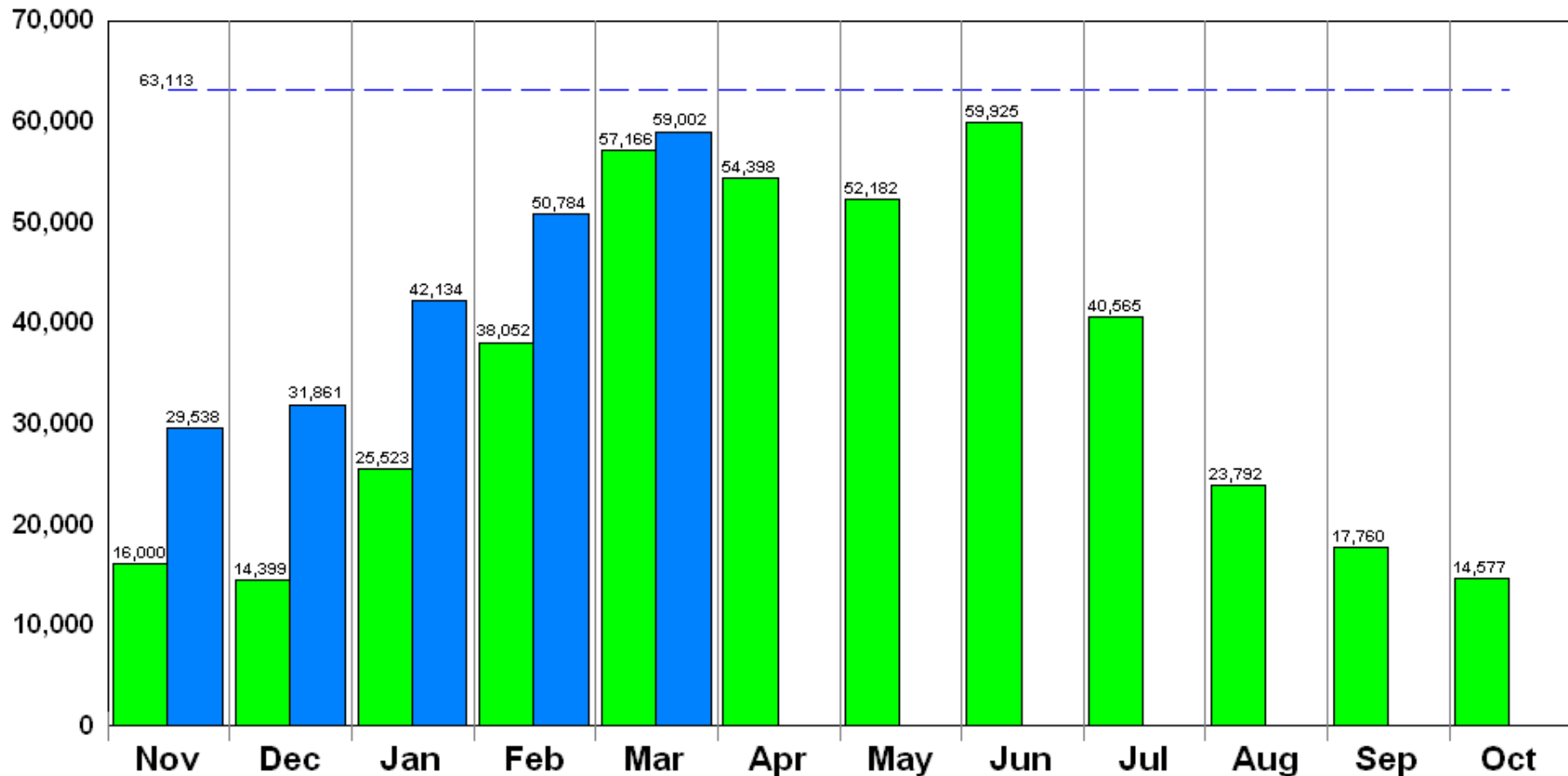
Jackson Reservoir

(Agricultural)



Riverside Reservoir

(Agricultural)



2002-2003



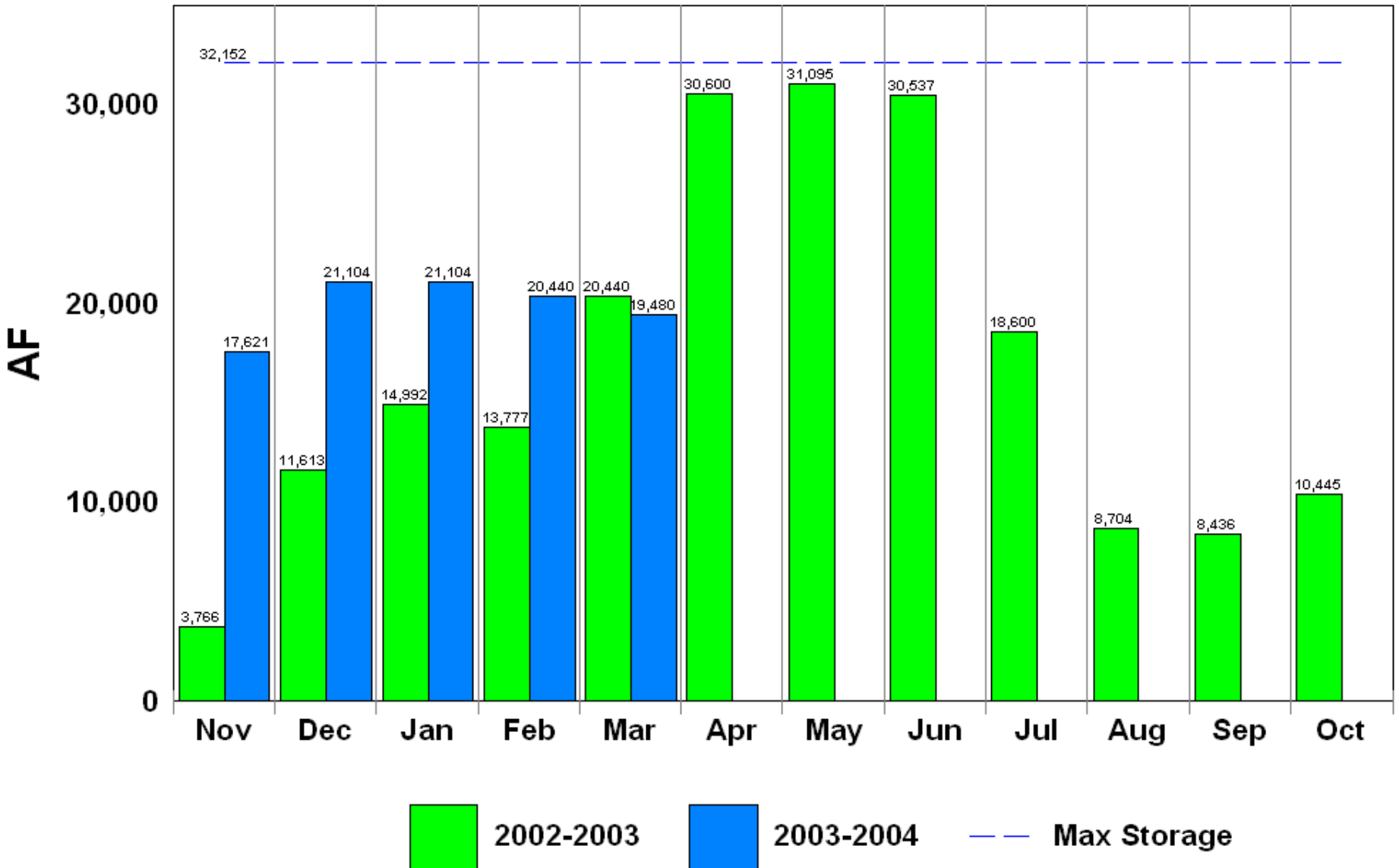
2003-2004



Max Storage

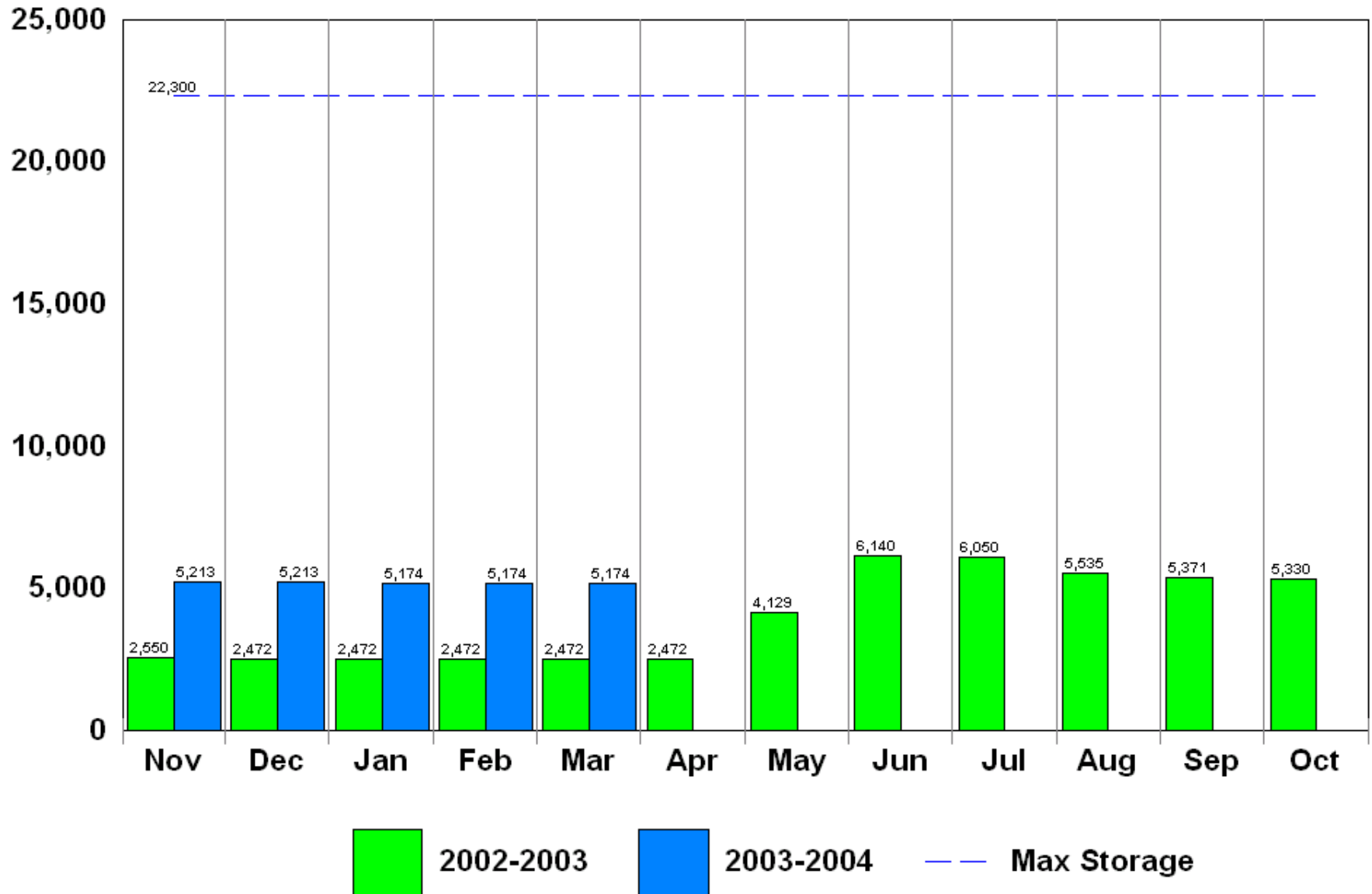
Barr Lake

(Agricultural)



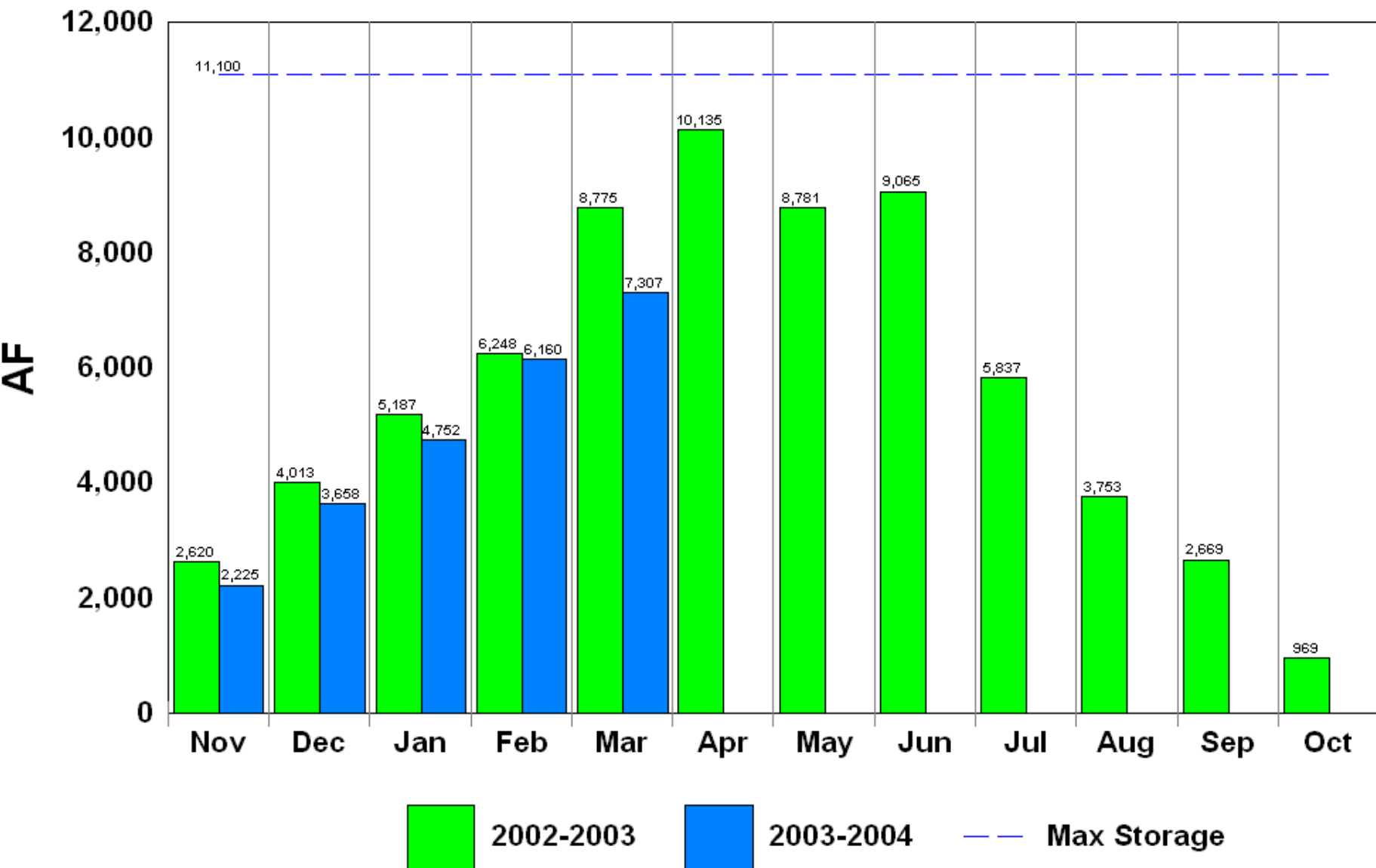
Cobb Lake

(Agricultural)



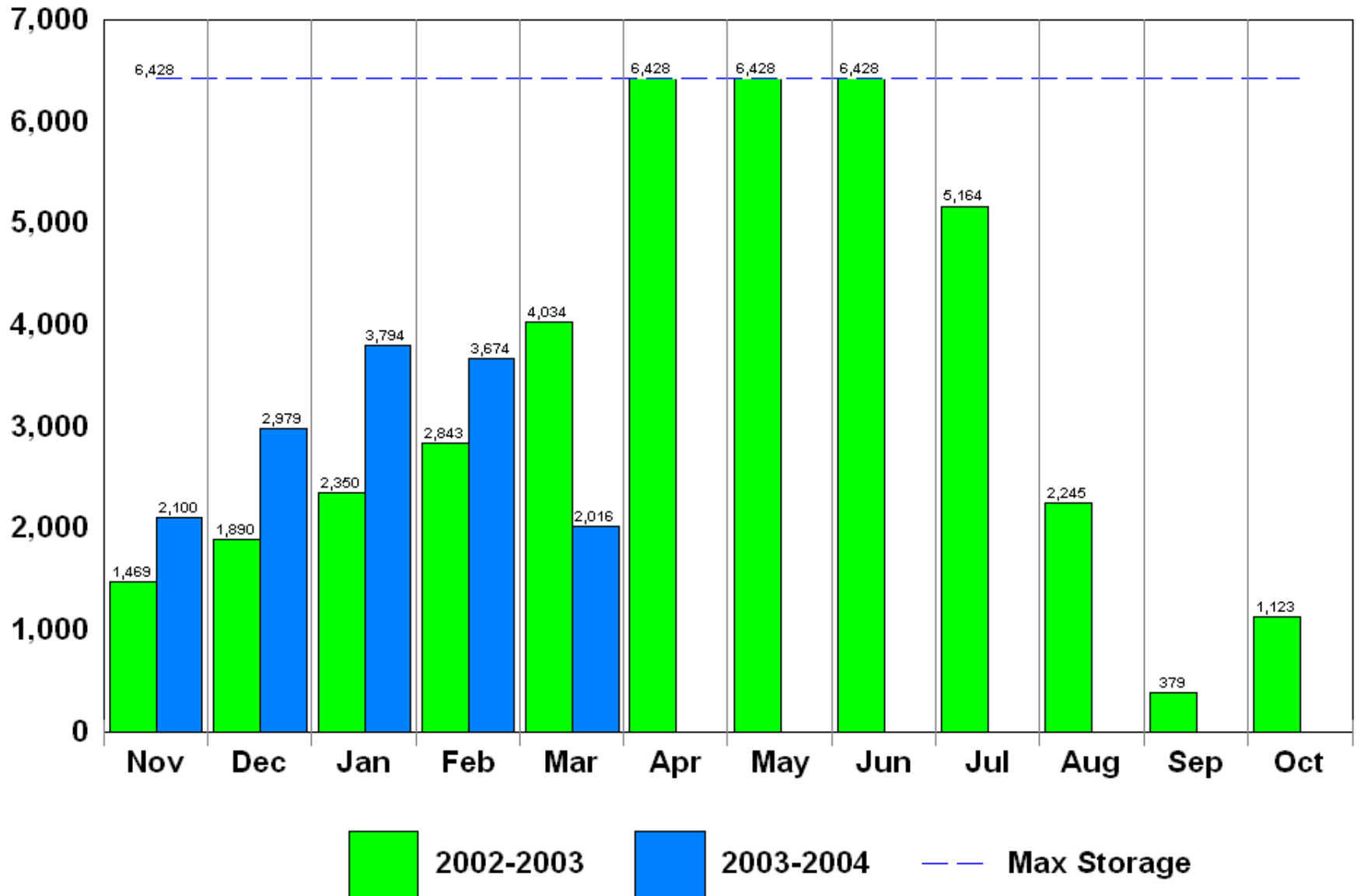
Fossil Creek Reservoir

(Agricultural)



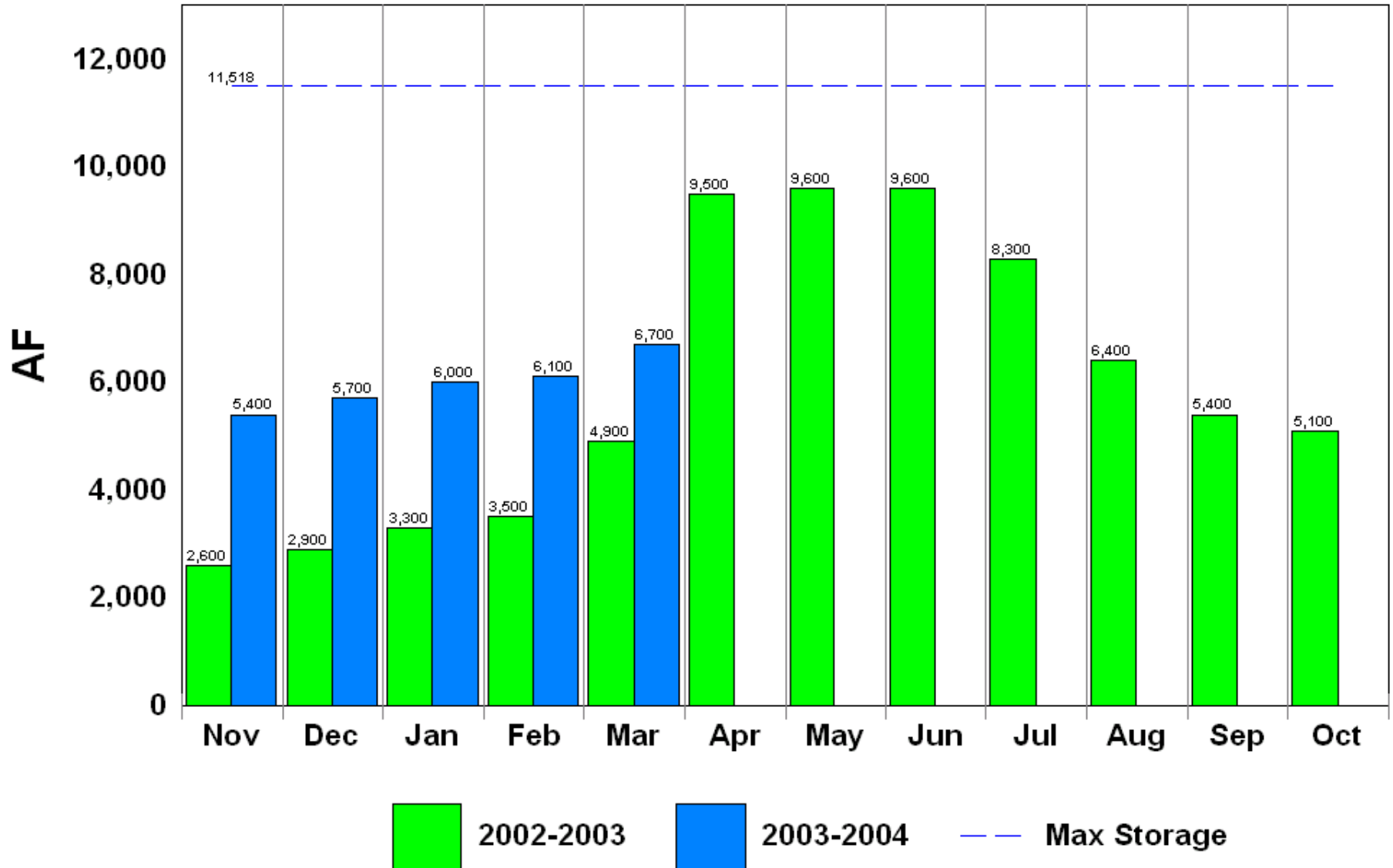
Halligan Reservoir

(Agricultural)



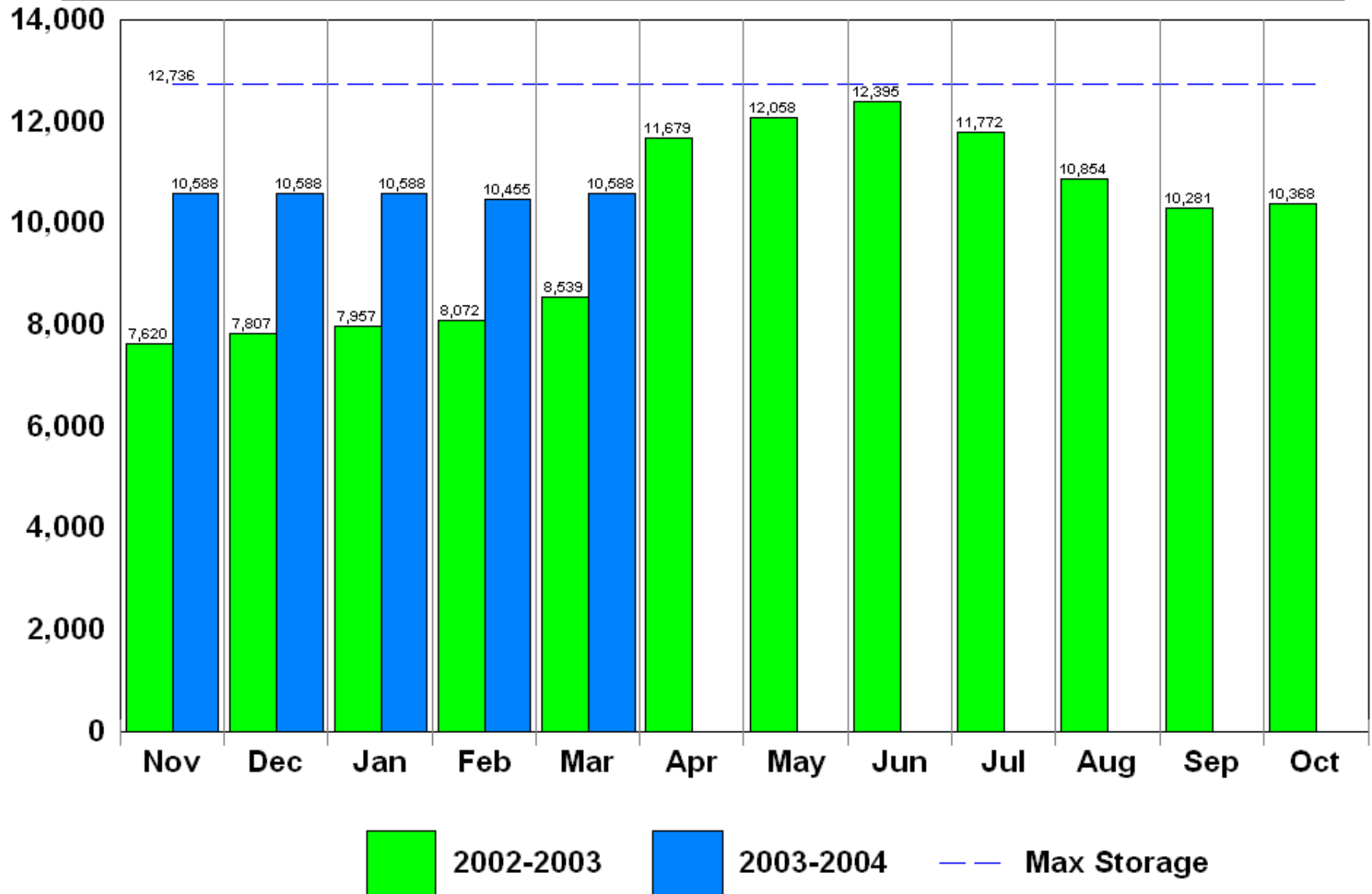
Marshall Lake

(Agricultural)



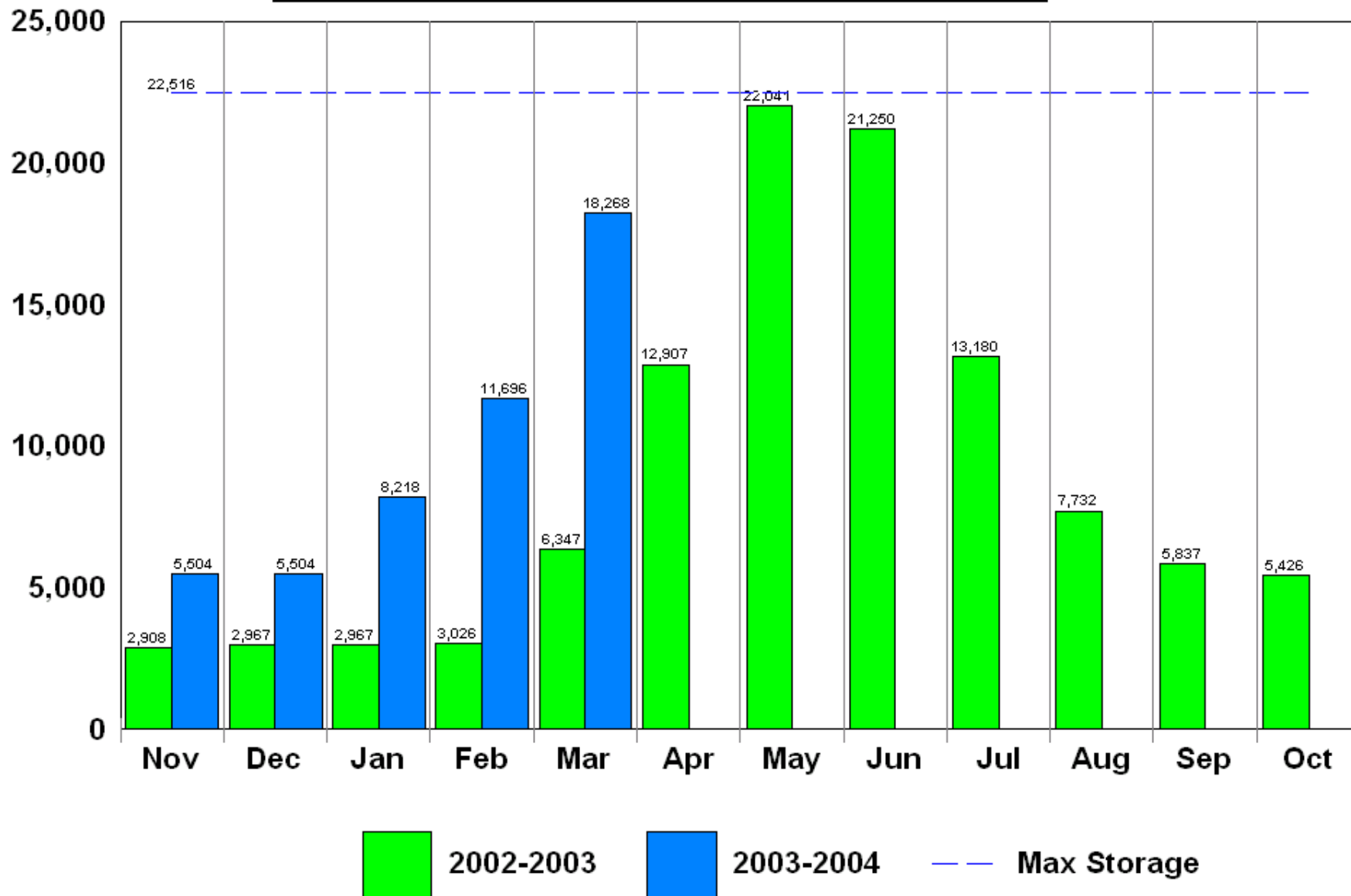
Loveland Greeley Reservoir

(Agricultural)



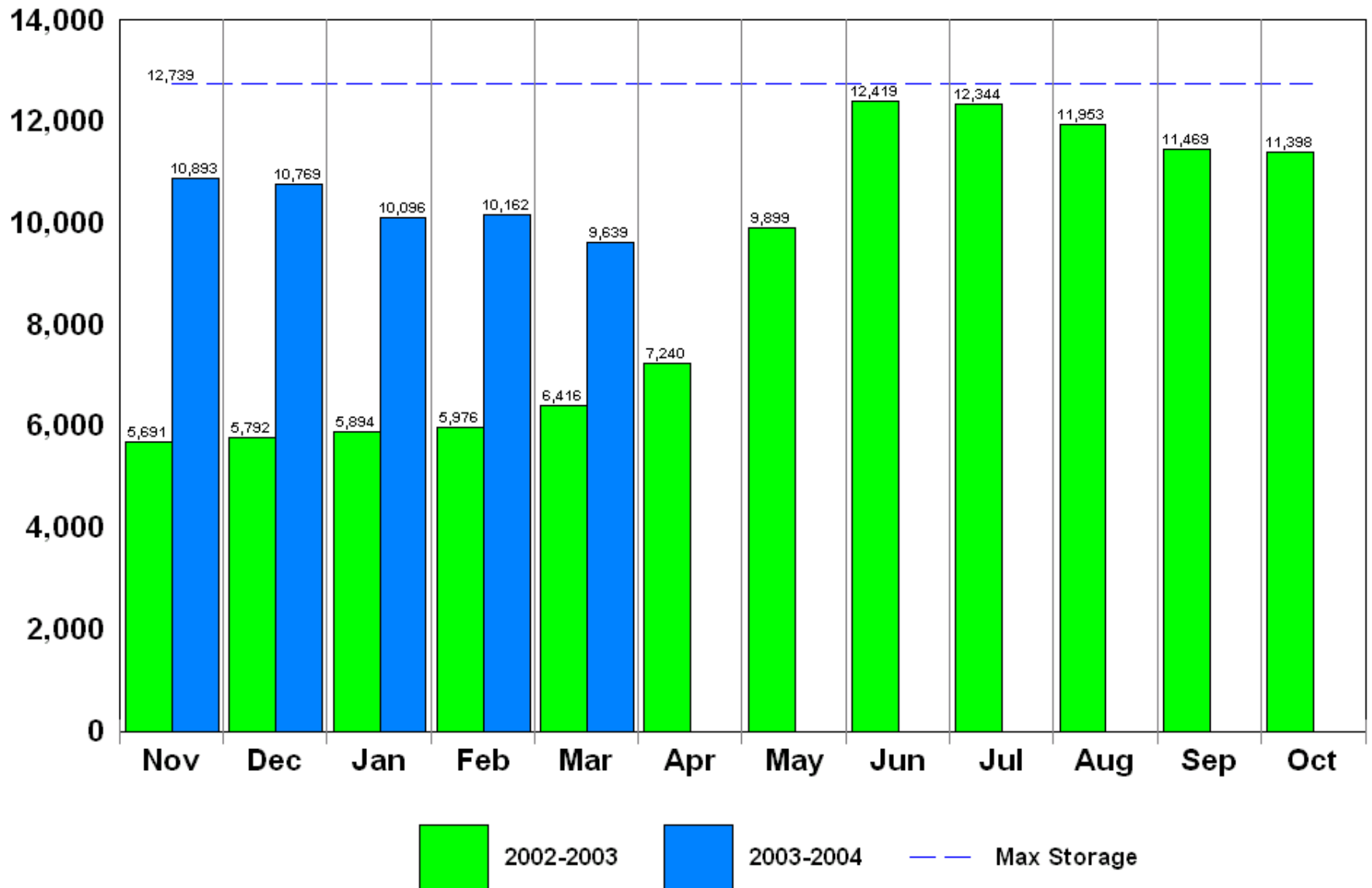
Milton Reservoir

(Agricultural)



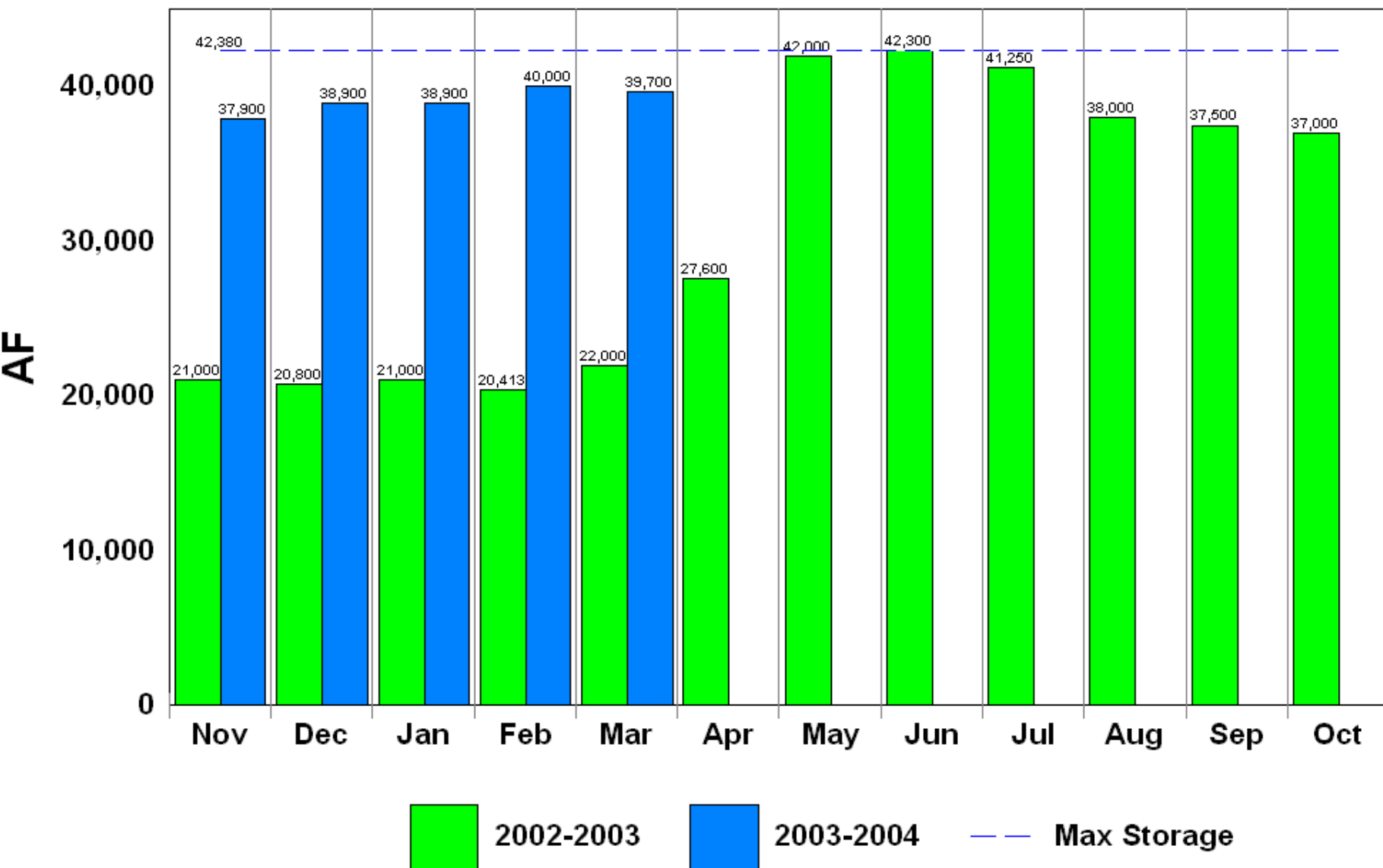
Union Reservoir

(Agricultural)



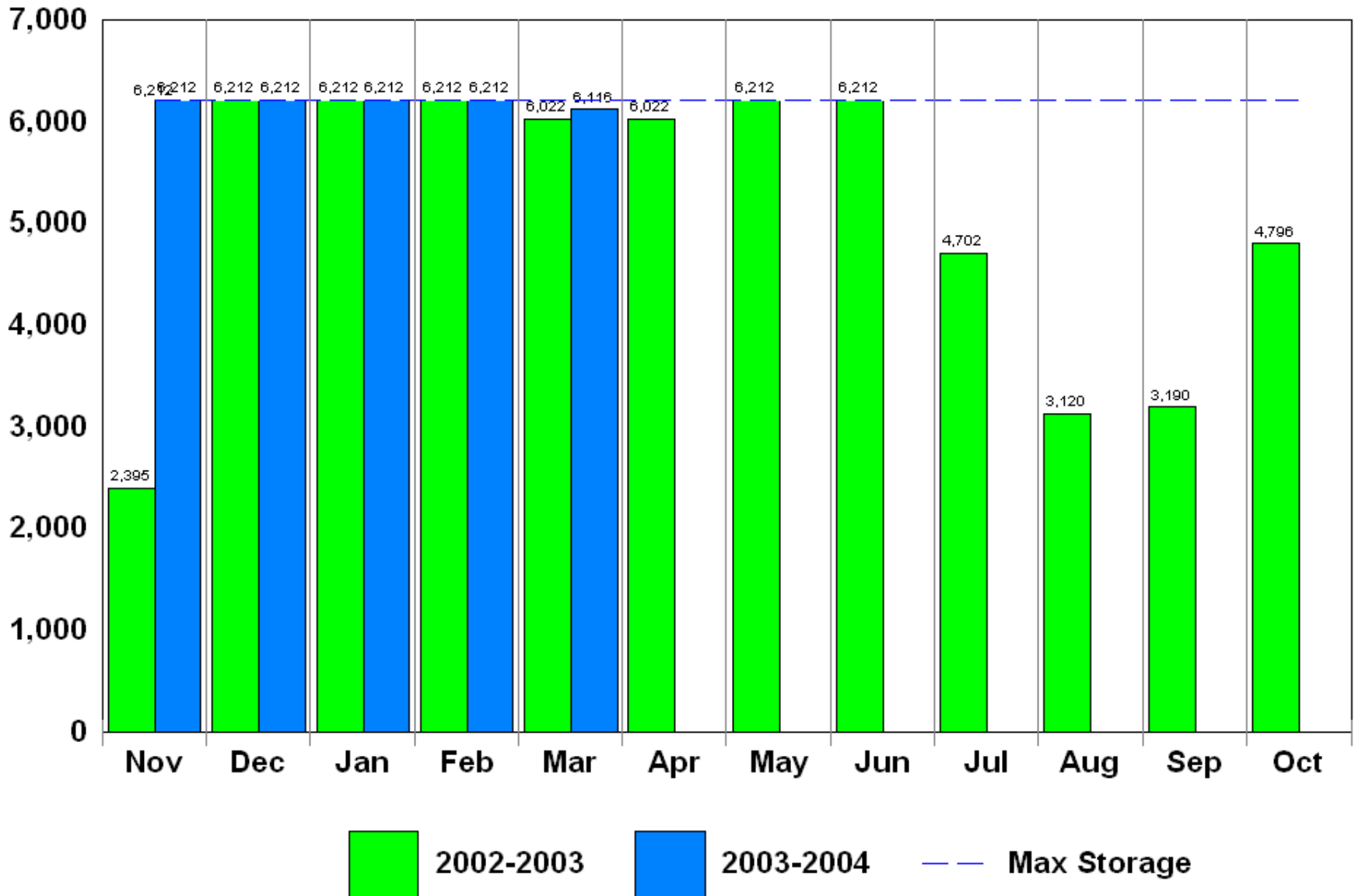
Standley Lake

(Agricultural)



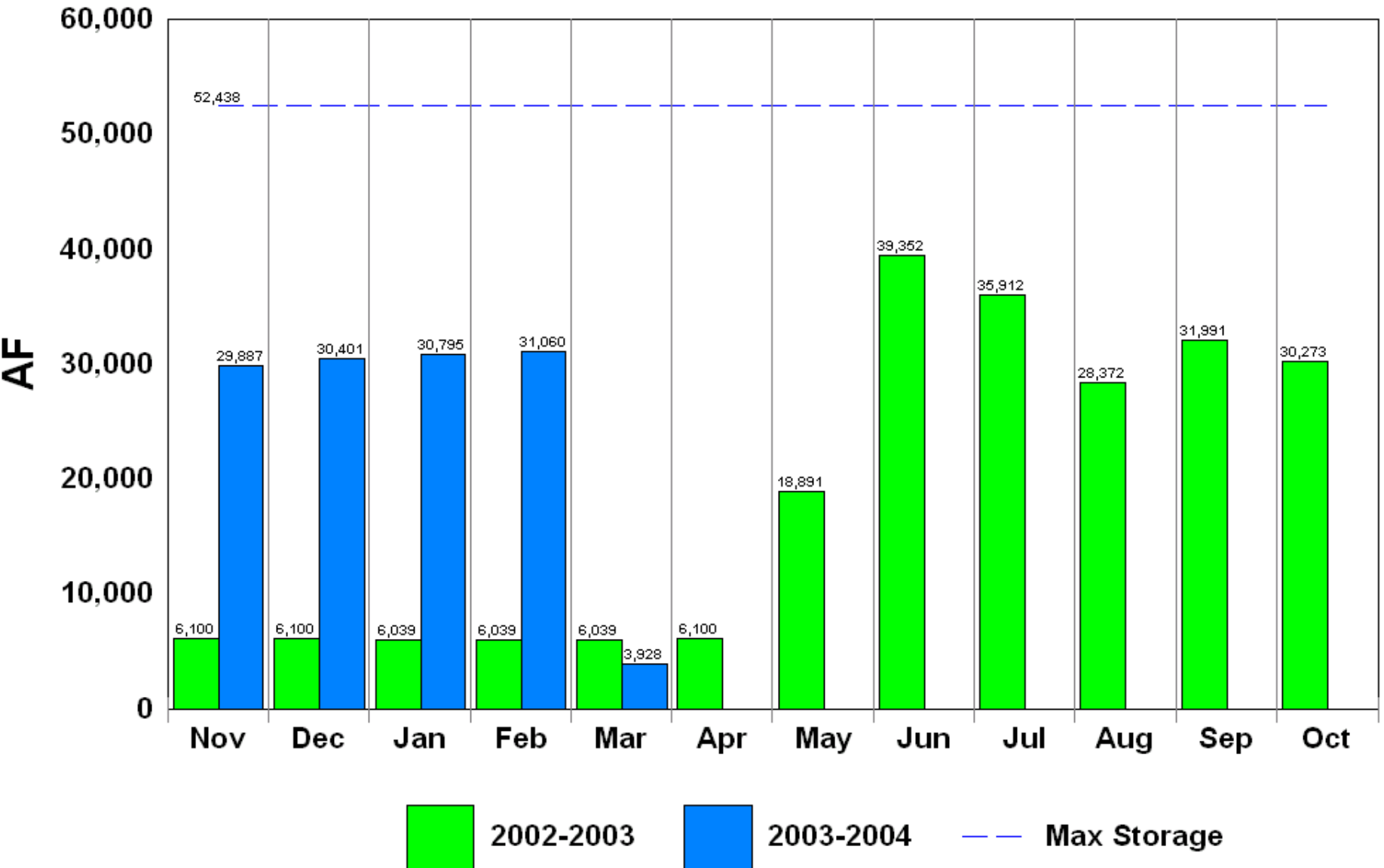
Lower Latham Reservoir

(Agricultural)



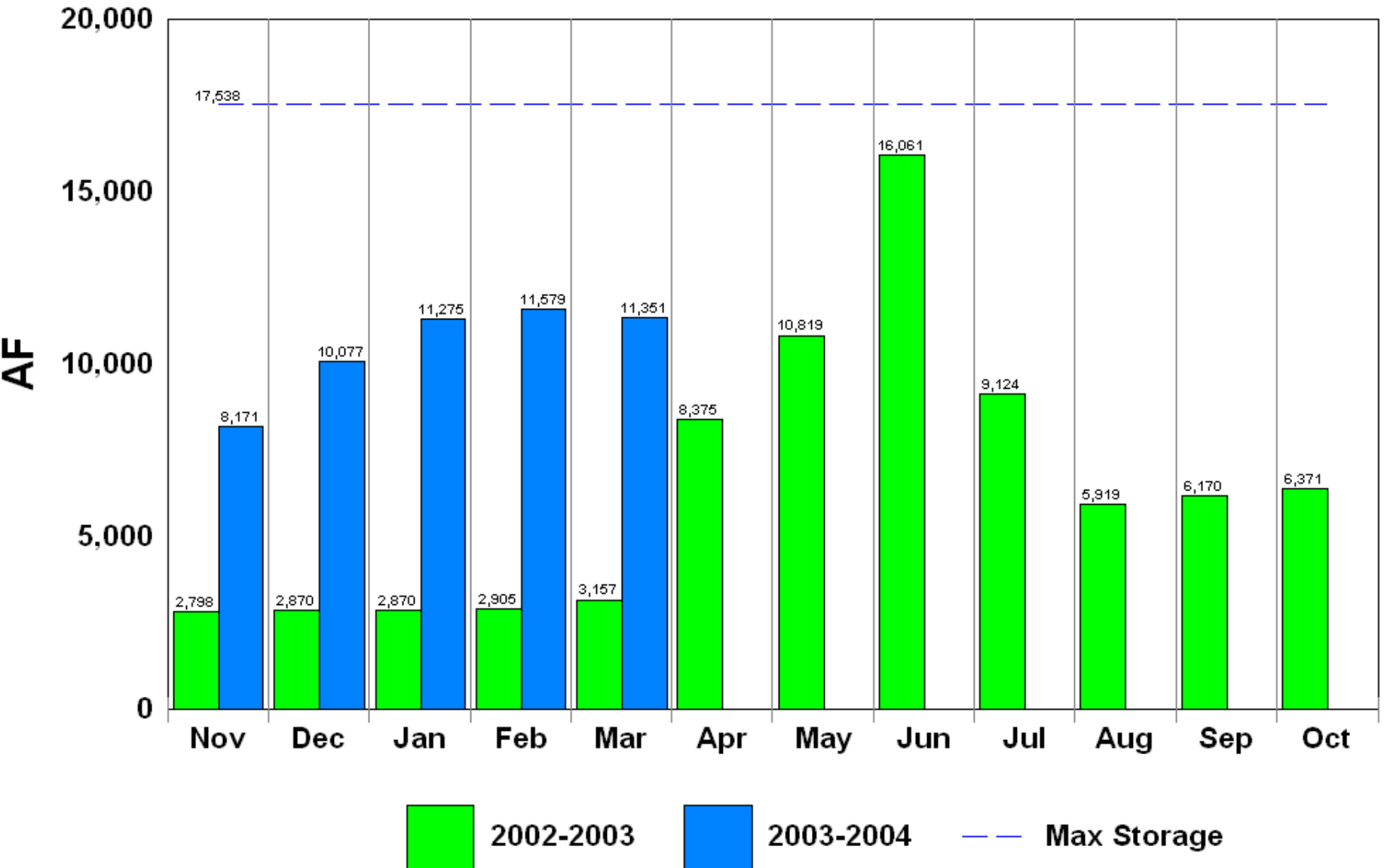
Boyd Lake

(Agricultural)



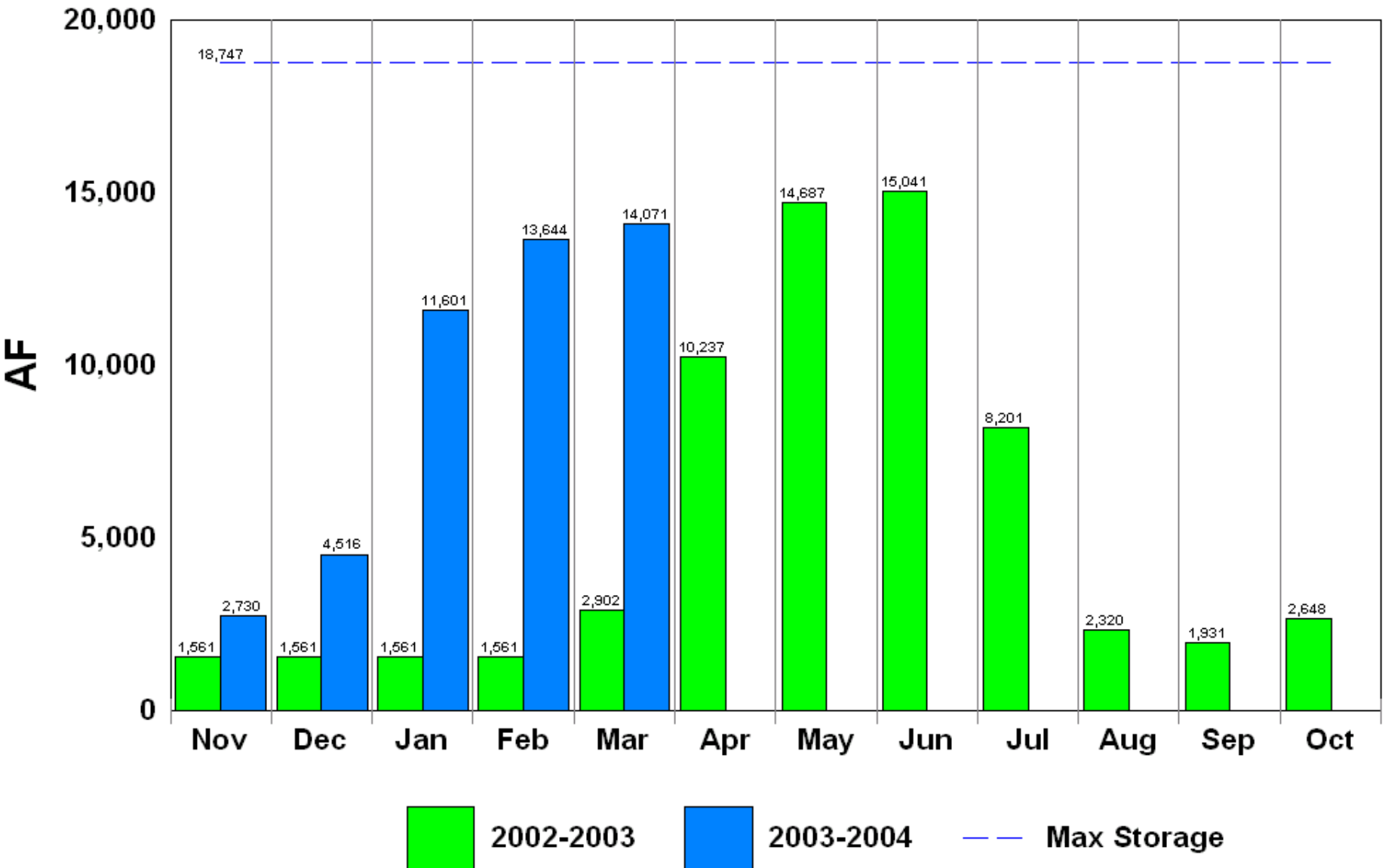
Windsor Reservoir

(Agricultural)



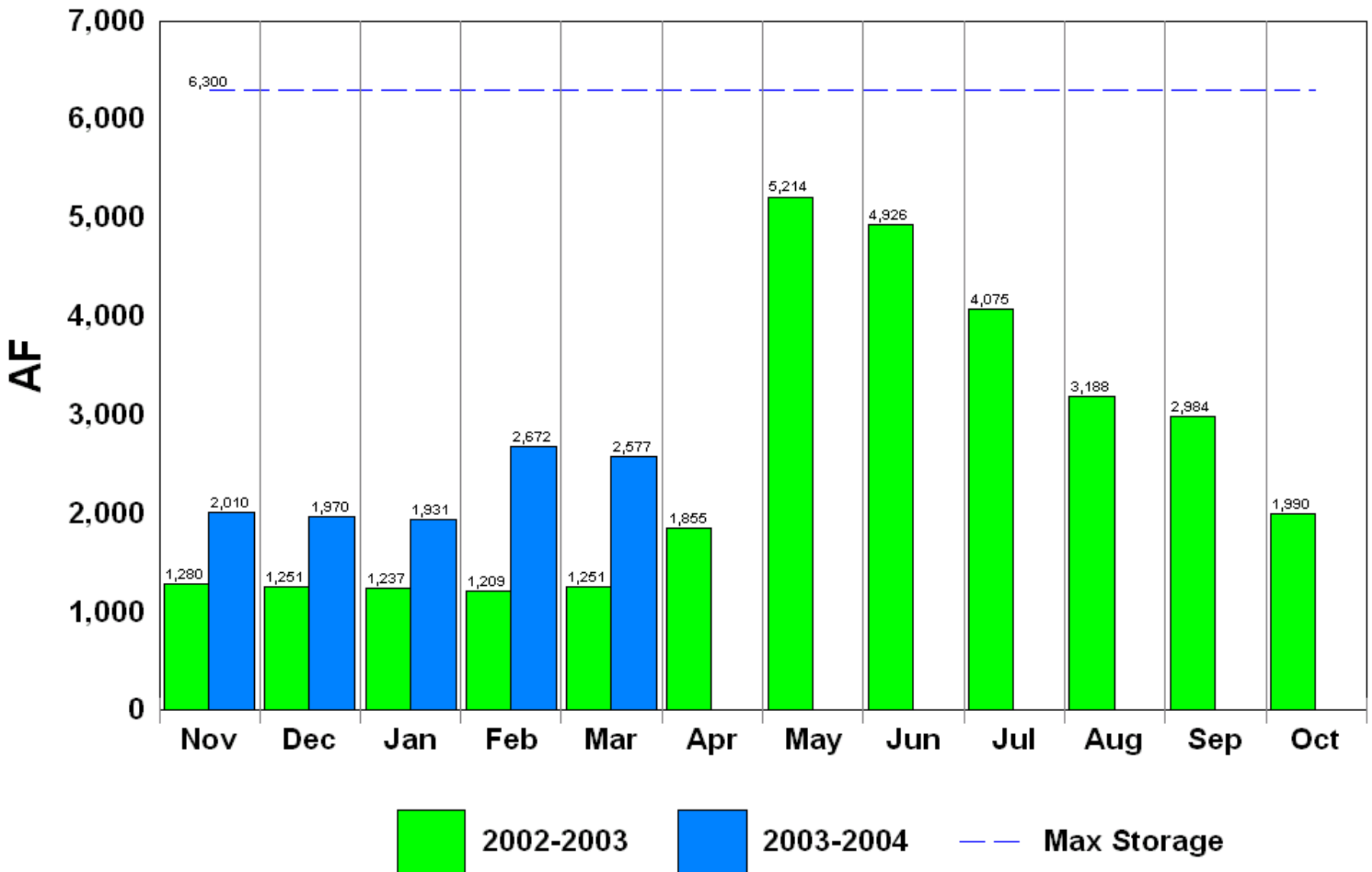
Horse Creek Reservoir

(Agricultural)



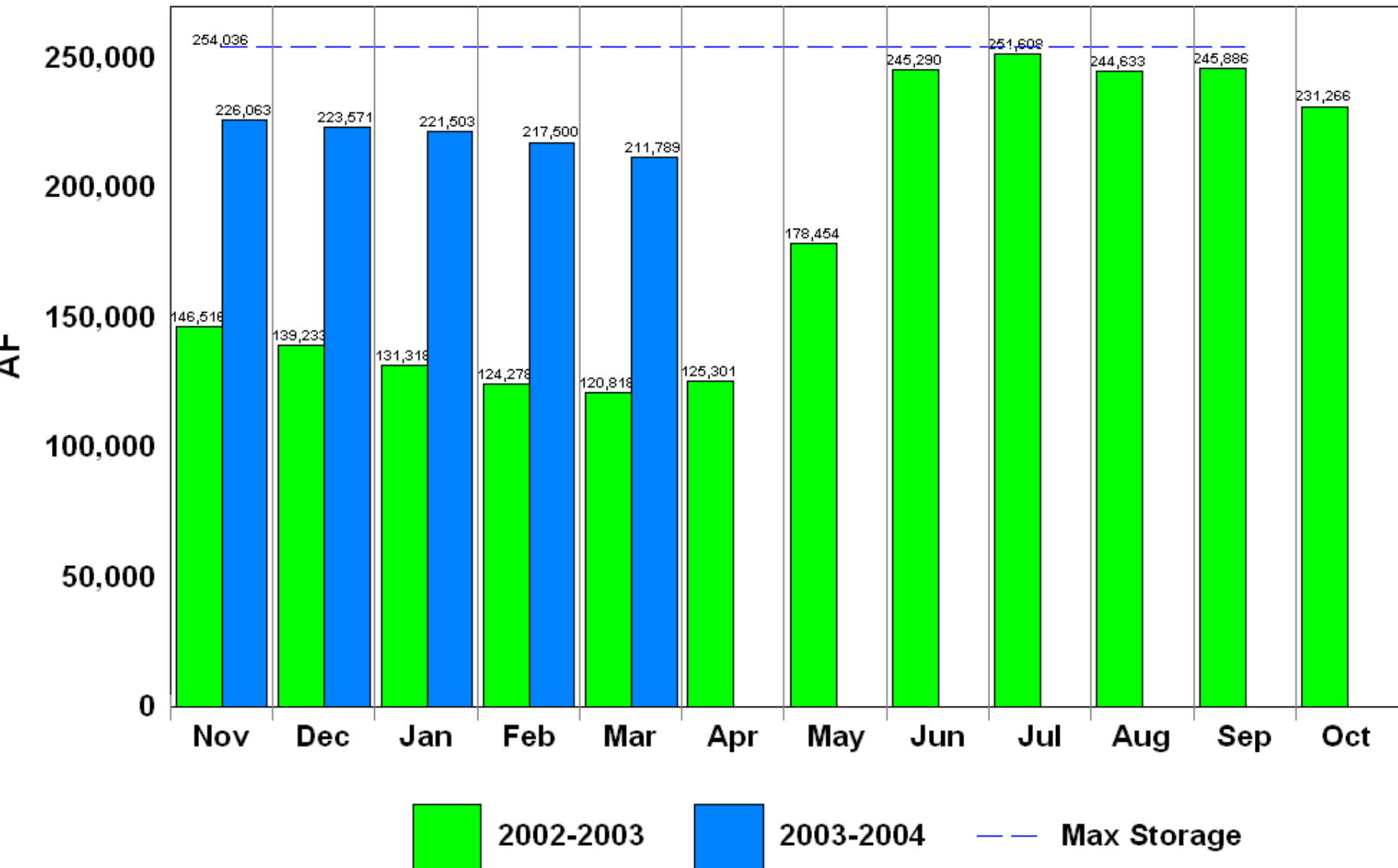
Prospect Reservoir

(Agricultural)



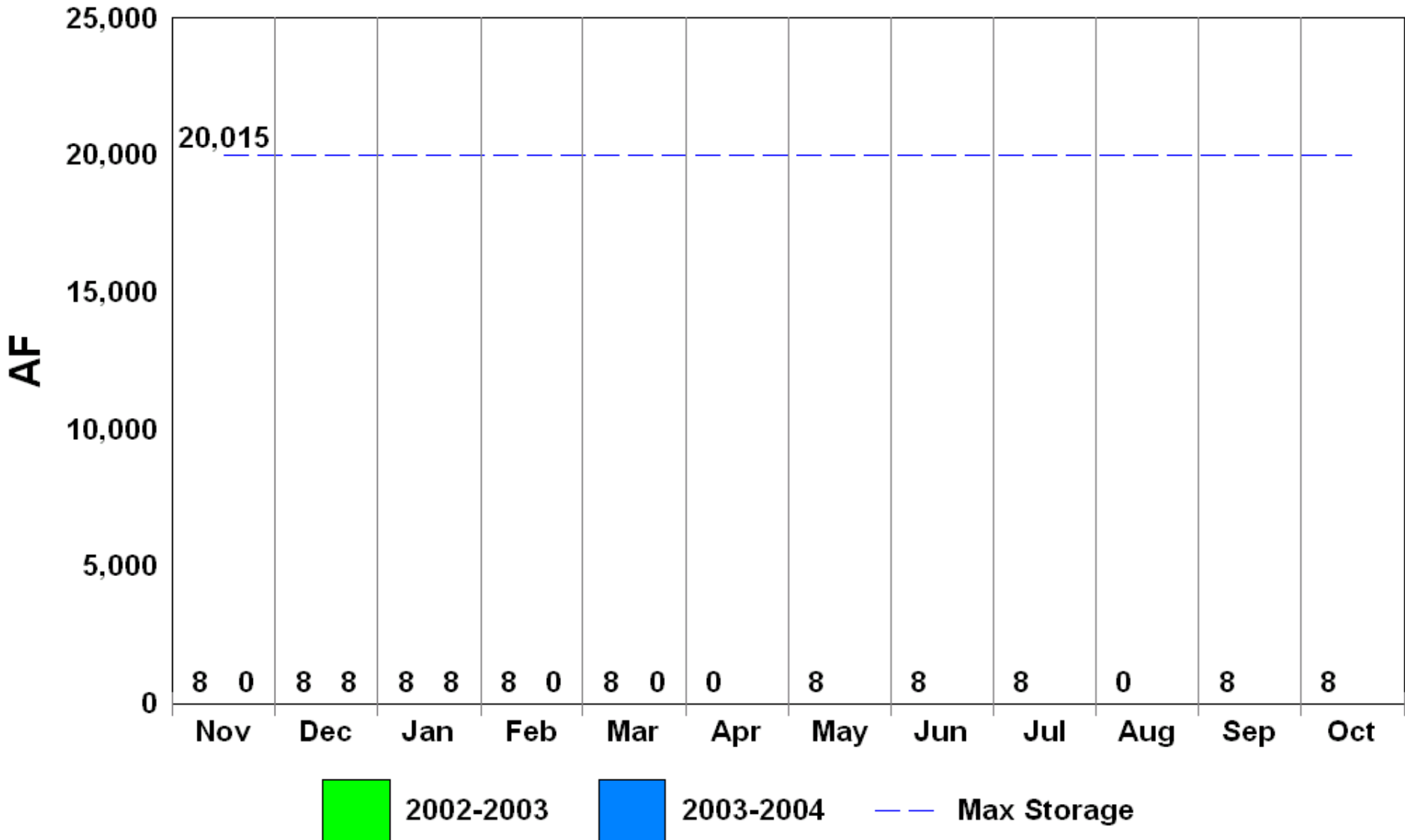
Dillon Reservoir

(Municipal)



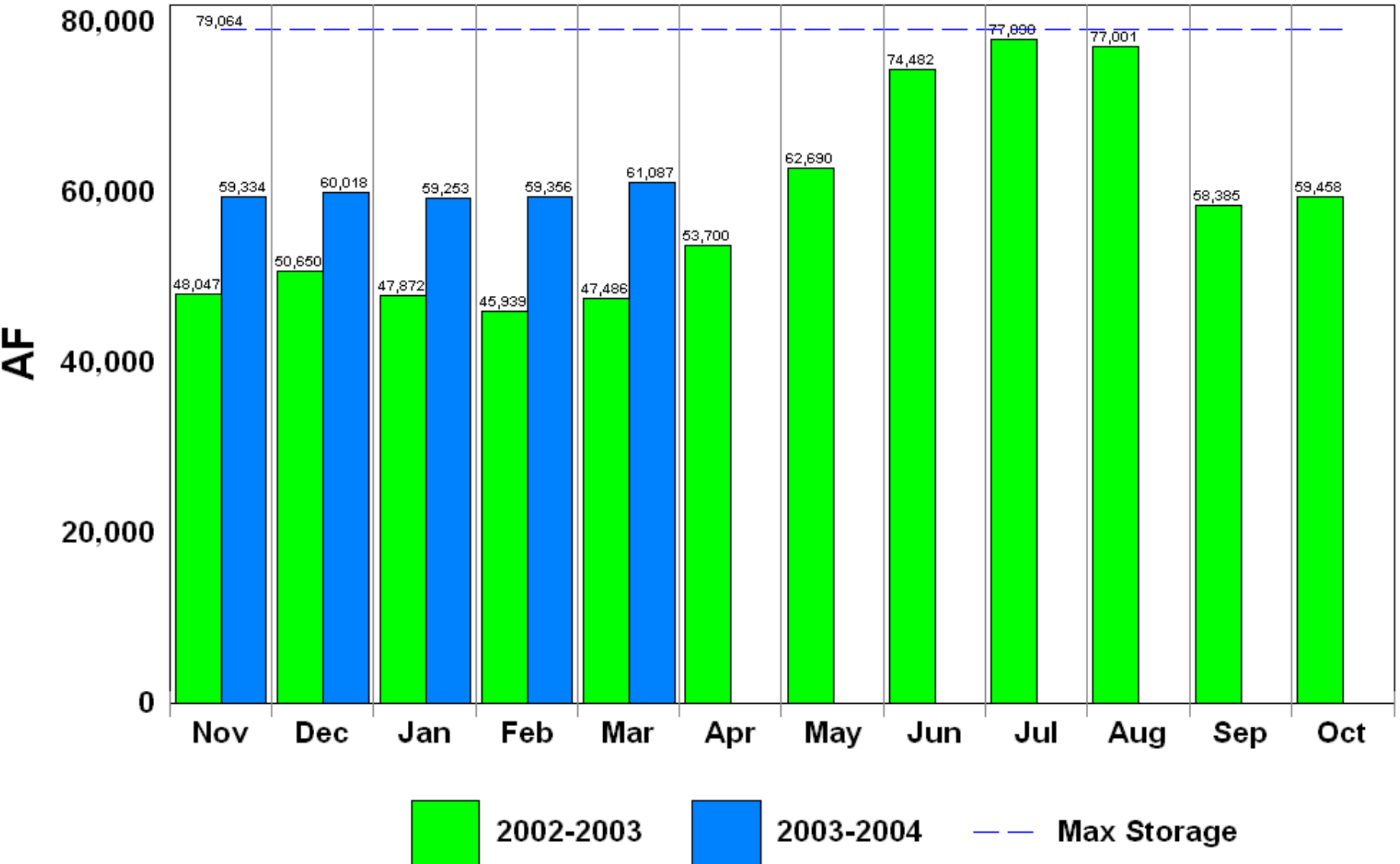
Antero Reservoir

(Municipal)



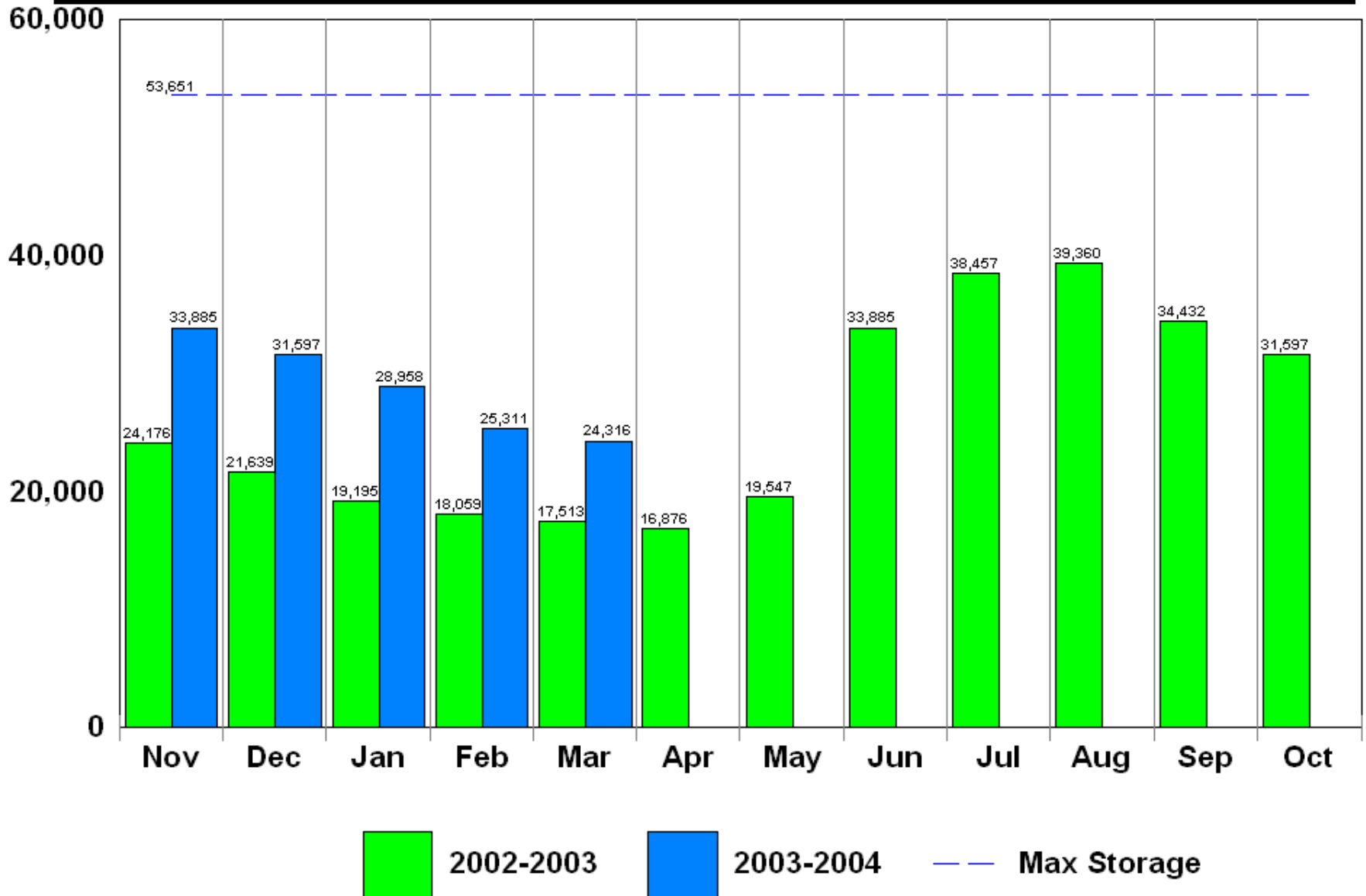
Cheesman Reservoir

(Municipal)



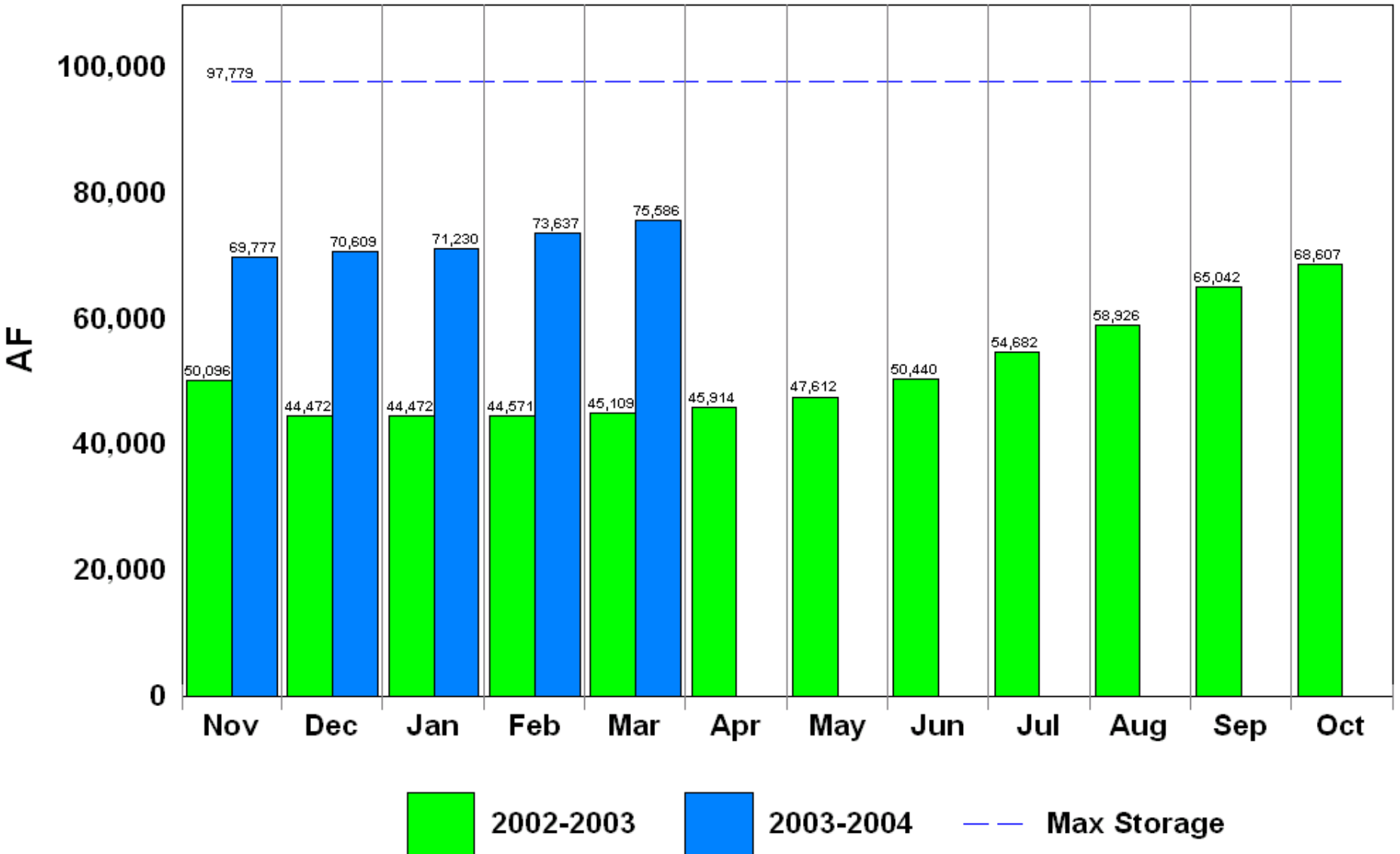
Spinney Mountain Reservoir

(Municipal)

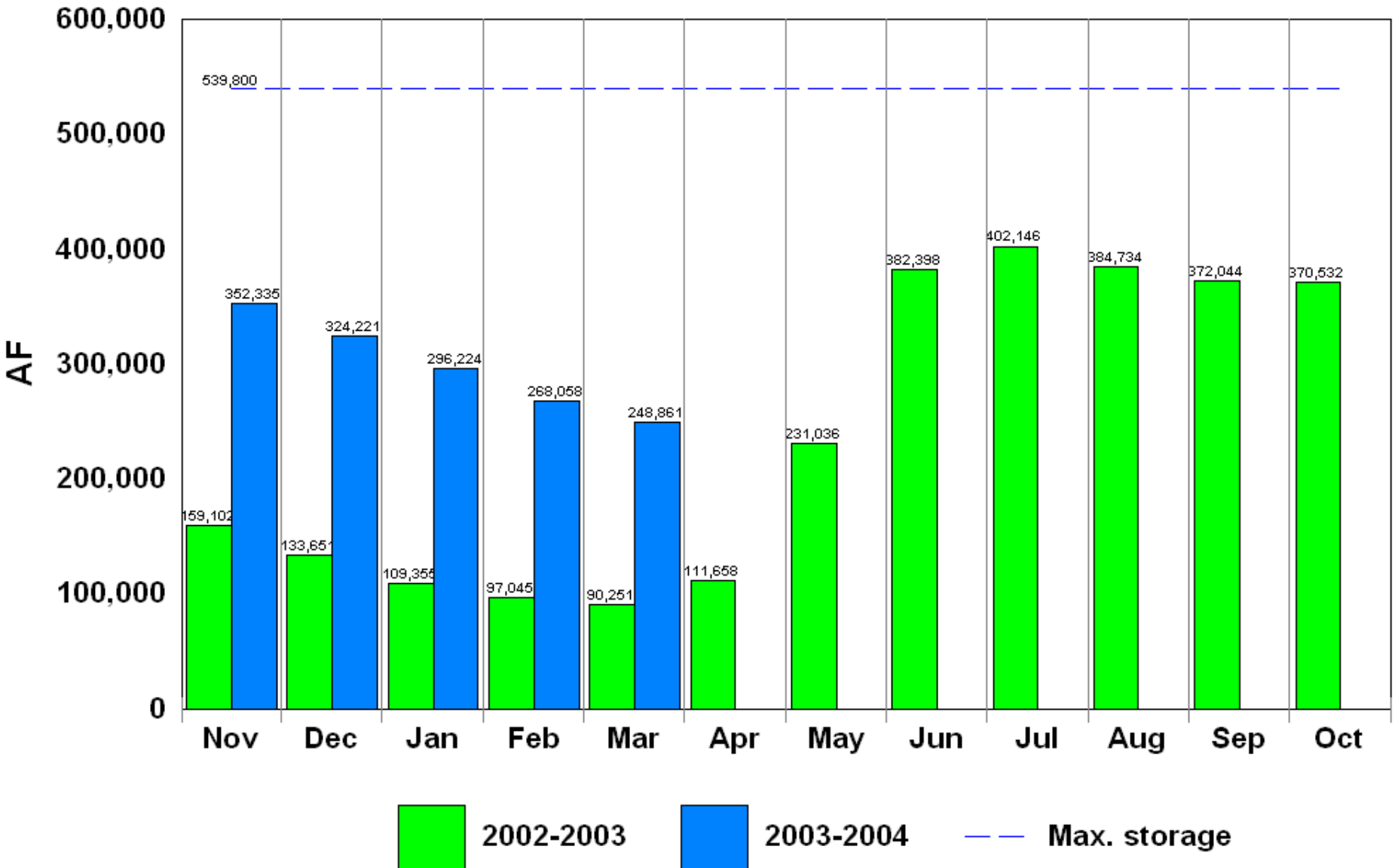


Eleven Mile Reservoir

(Municipal)



Lake Granby



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

