

Second Feet

Rocky Mountain Ditch.
June 18-96.

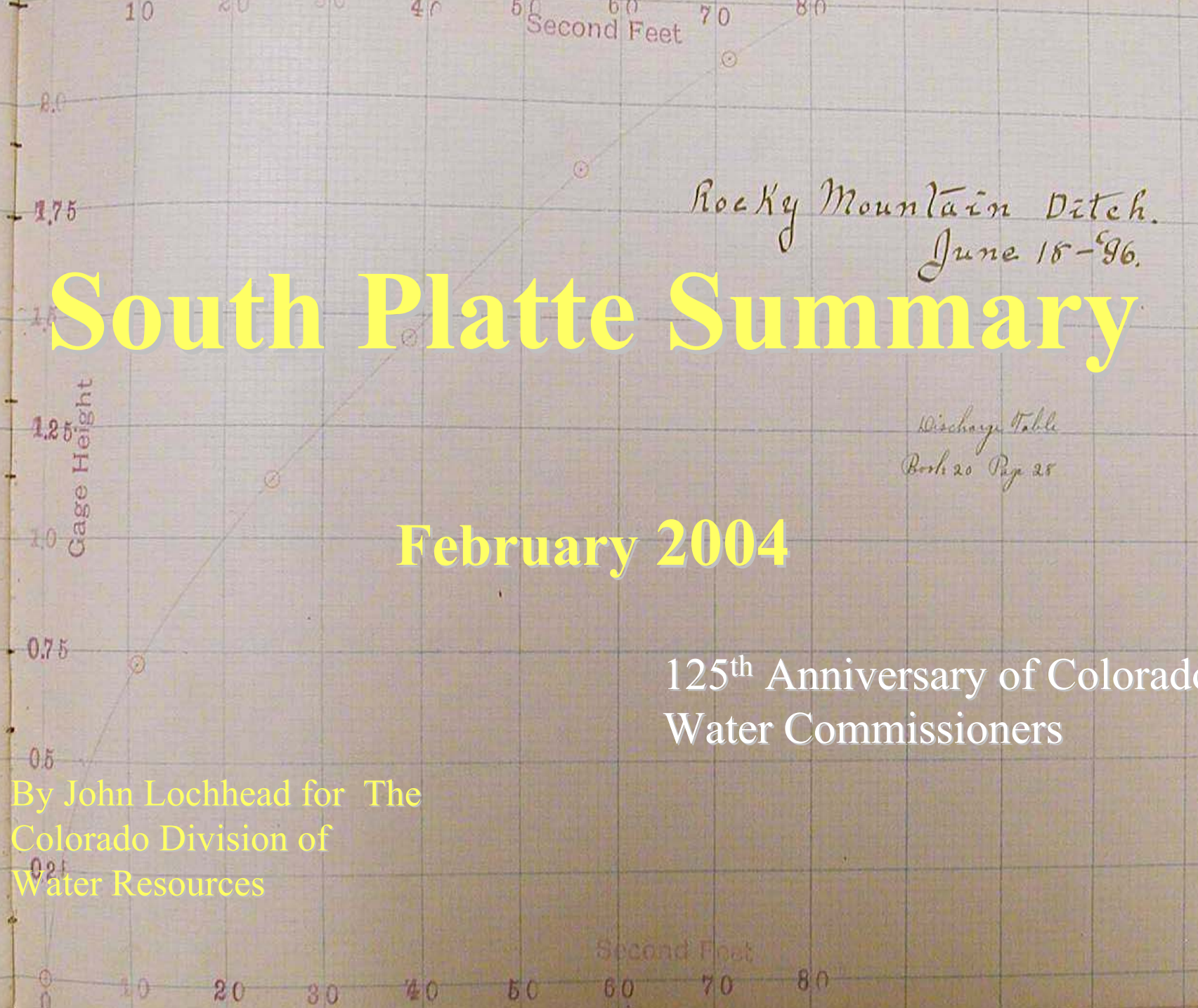
Discharge Table
Book 20 Page 28

South Platte Summary

February 2004

125th Anniversary of Colorado Water Commissioners

By John Lochhead for The
Colorado Division of
Water Resources



COLORADO DIVISION OF WATER RESOURCES, DIVISION 1

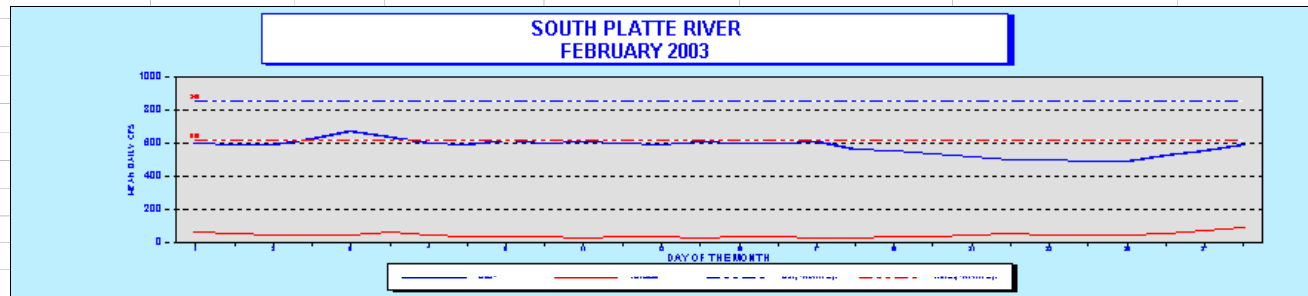
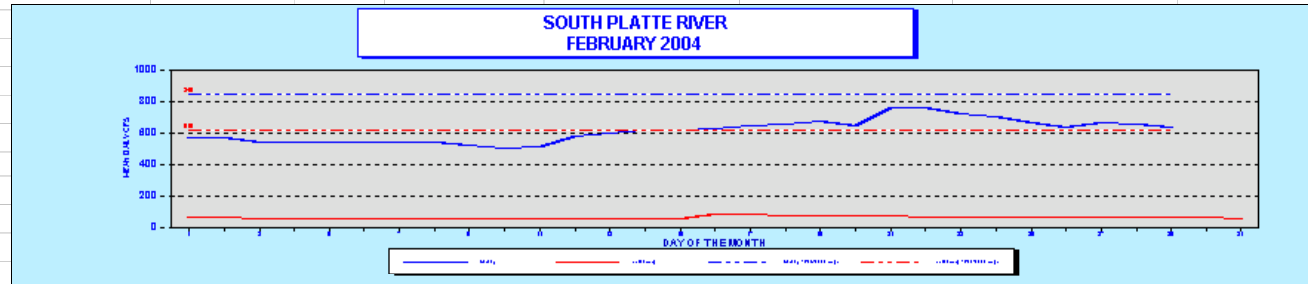
MONTH OF FEBRUARY 2004

05-Mar

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	18,002	18,270	64	268	1%	81%	88%	0
NORTH STERLING	73,730	38,310	49,810	64	11,500	30%	68%	39%	0
PREWITT	28,500	10,380	11,670	64	1,290	12%	41%	32%	0
JACKSON	27,257	24,956	24,682	1	(274)	-1%	91%	91%	0
EMPIRE	37,700	22,039	26,172	1	4,133	19%	69%	67%	0
RIVERSIDE	63,113	42,134	50,784	1	8,650	21%	80%	60%	0
BARR LAKE	31,652	21,104	20,440	2	(664)	-3%	65%	44%	0
CHEESMAN	79,064	59,253	59,356	80	103	0%	75%	58%	0
ELEVEN MILE	97,779	71,230	73,637	23	2,407	3%	75%	46%	0
SPINNEY	53,651	28,958	25,311	23	(3,647)	-13%	47%	34%	0
ANTERO	20,015	8	0	23	(8)	-100%	0%	0%	0

RIVER GAGES	MEAN DAILY FLOW (CFS)
KERSEY	615
JULESBURG	54
THIS MONTH LAST YEAR	
KERSEY	576
JULESBURG	40
MEAN FOR PERIOD OF RECORD*	
KERSEY	849
JULESBURG	616

* 1976-2002
1902-2002



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

South Platte River at Kersey

South Platte River at Julesburg

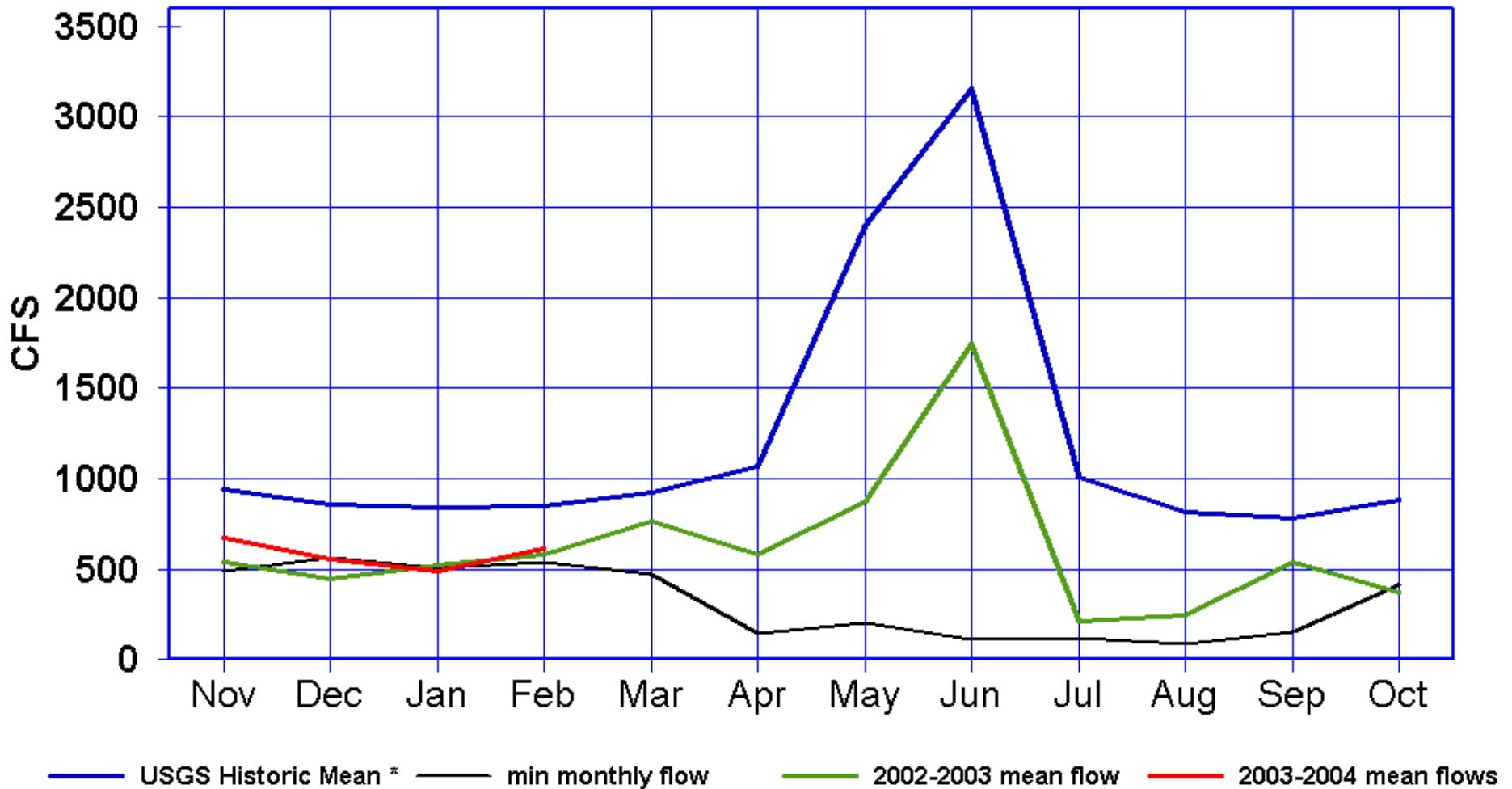
	USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2004 mean monthly flow	Estimated Mean		USGS Historic Mean *	Historic Max flow *	Year	Historic Min flow *	Year	IY 2004 mean monthly flow	Estimated Mean
Nov	944	2585	1985	488	1978	671		Nov	356	2358	1985	23	1911	19	
Dec	856	1337	1985	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			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 Kersey

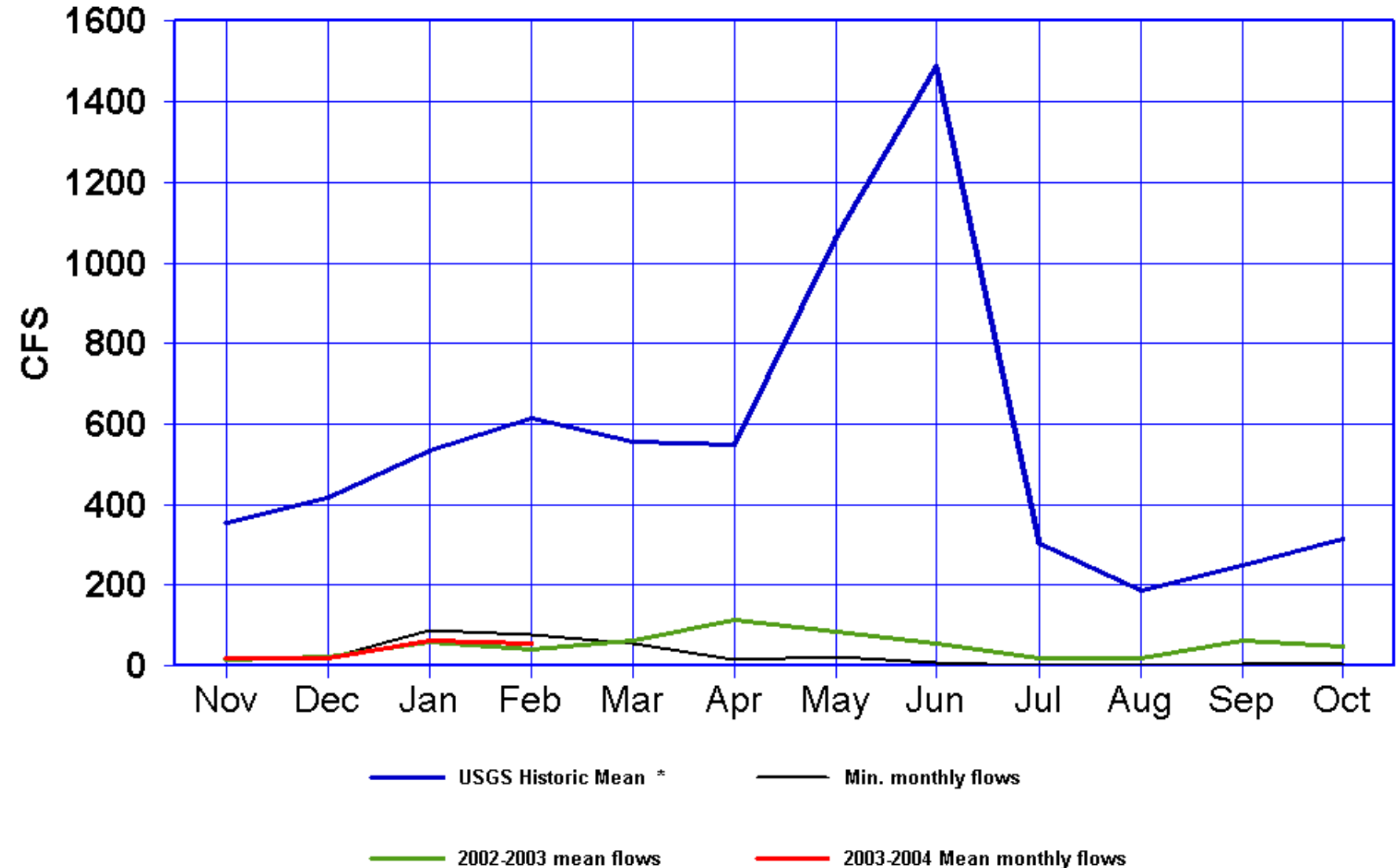
Irrigation Water Year*



*1976-2002 Avg.

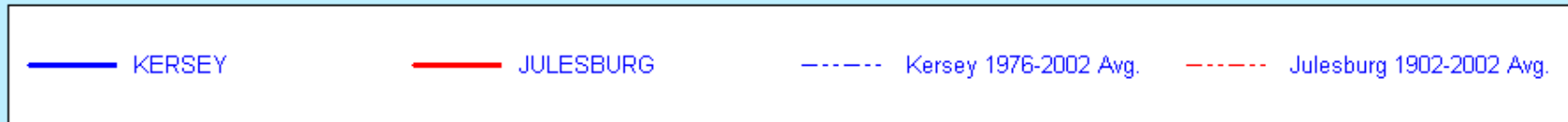
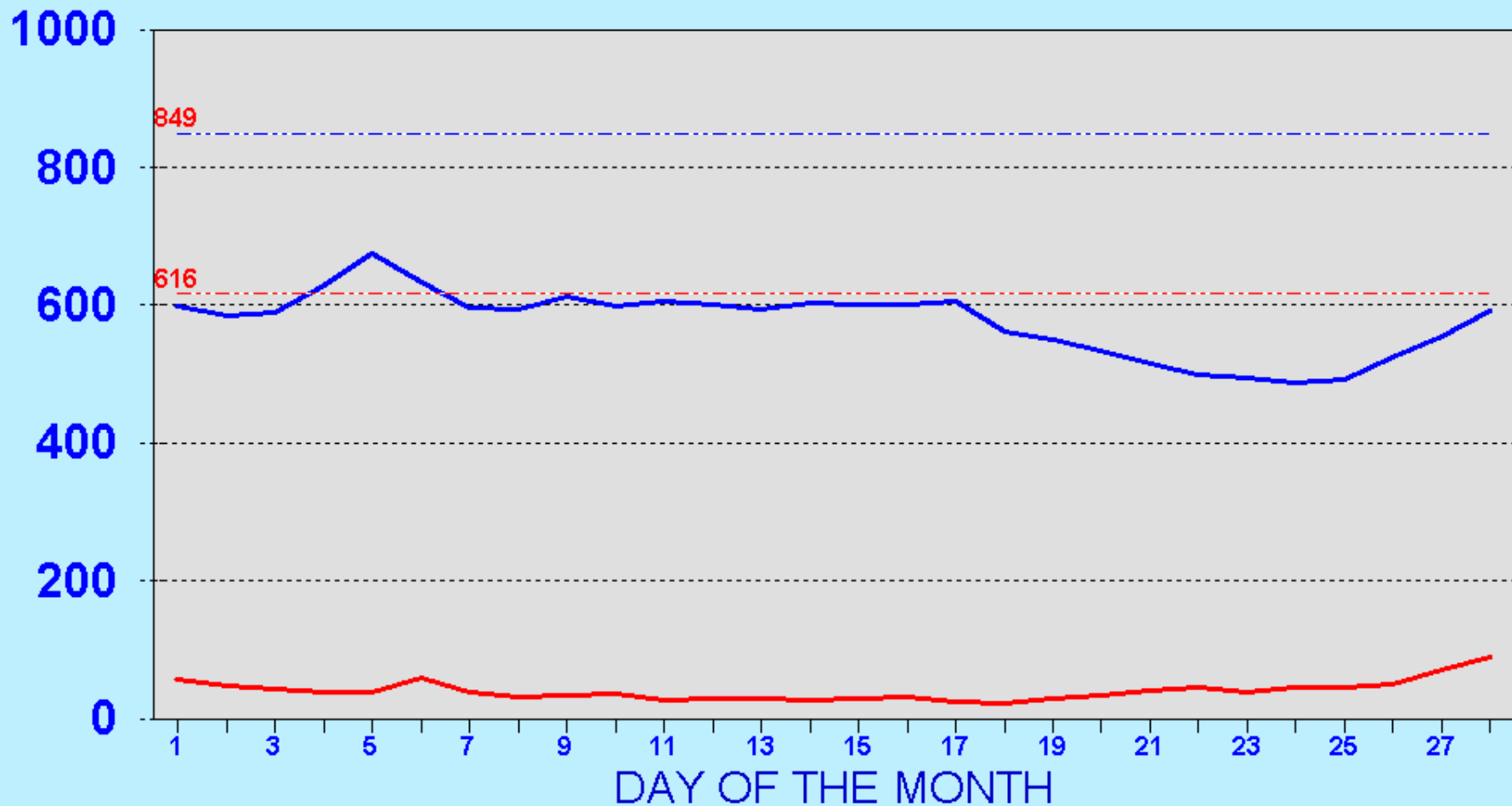
South Platte River at Julesburg

Irrigation Water Year*

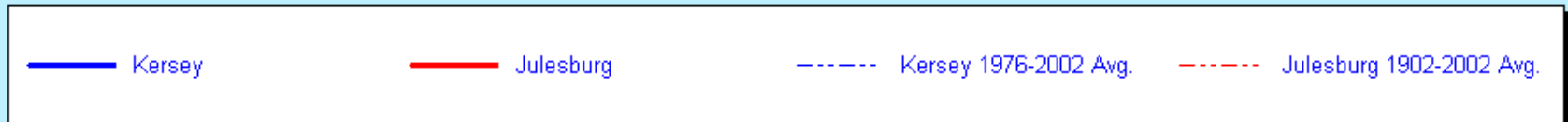
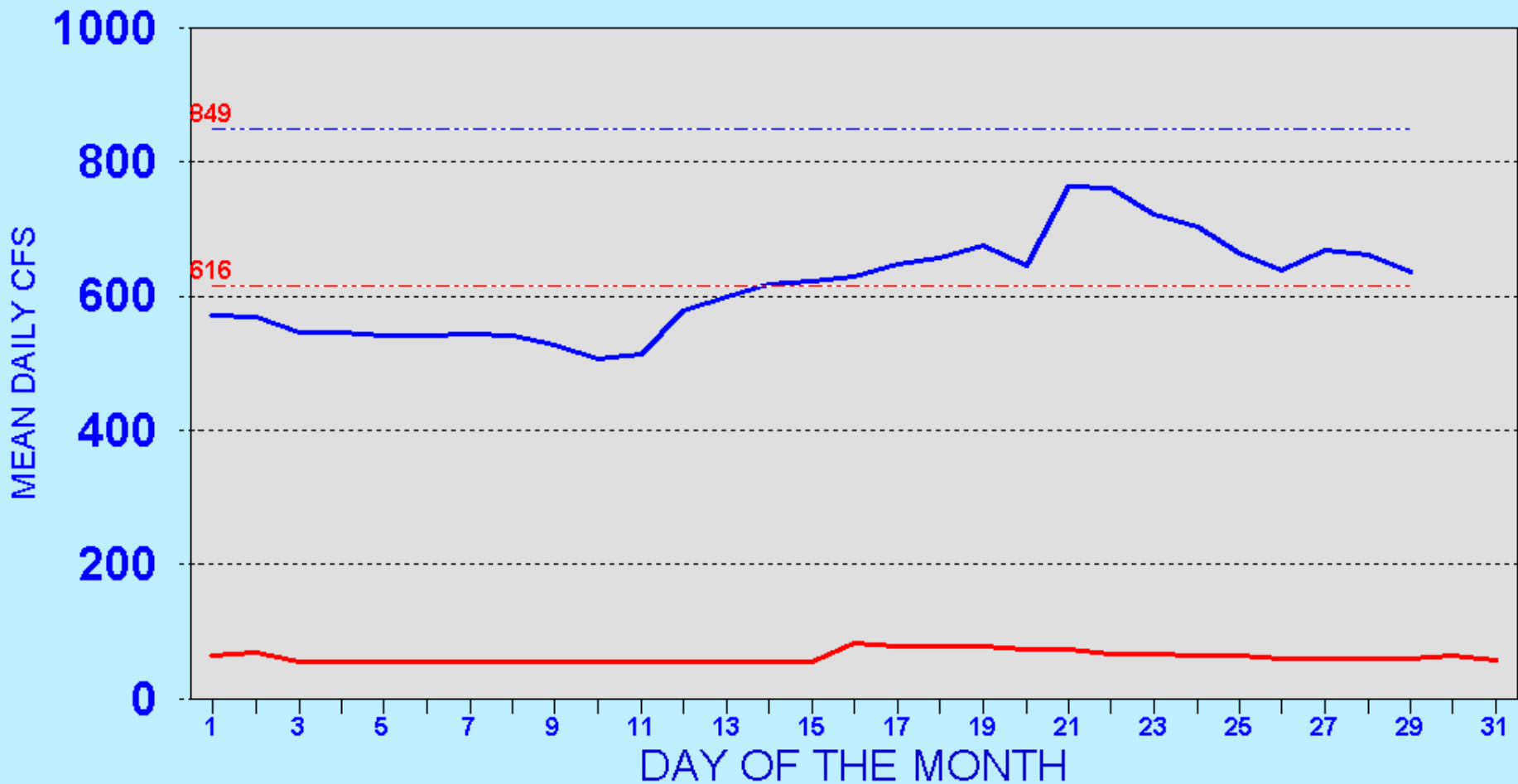


*1902-2002 Avg.

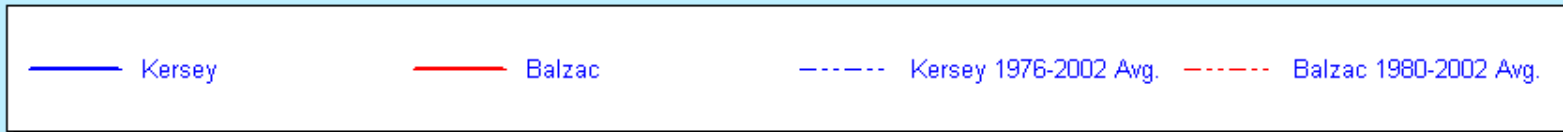
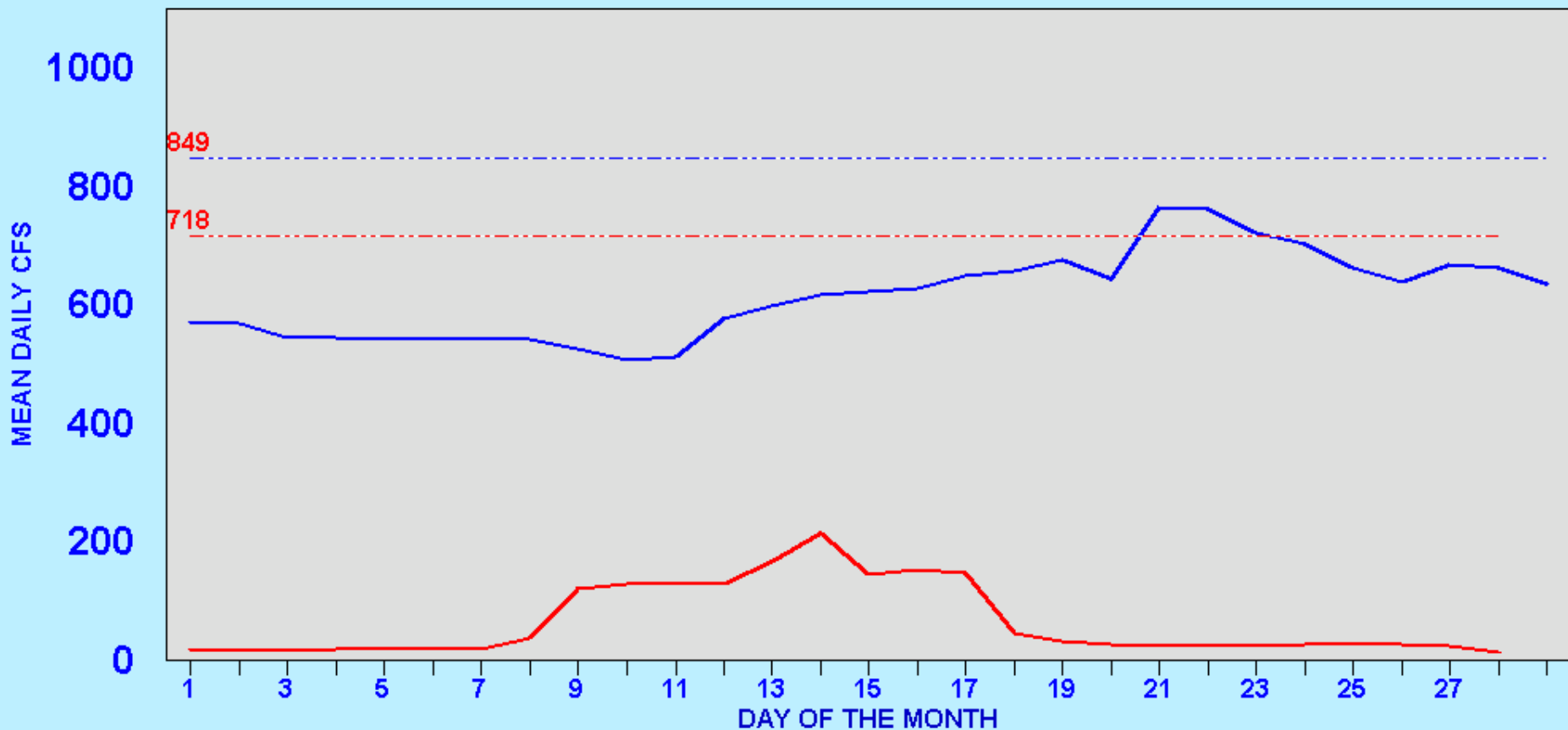
SOUTH PLATTE RIVER FEBRUARY 2003



SOUTH PLATTE RIVER FEBRUARY 2004



Kersey, Balzac FEBRUARY 2004



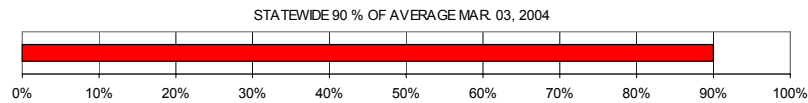
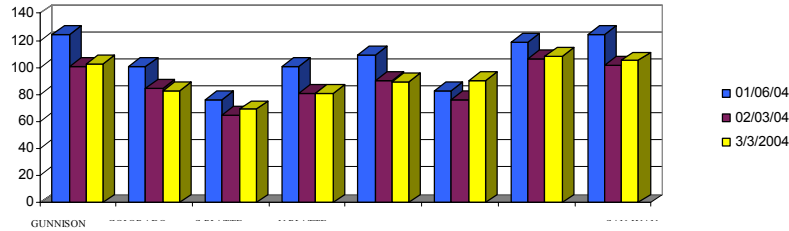
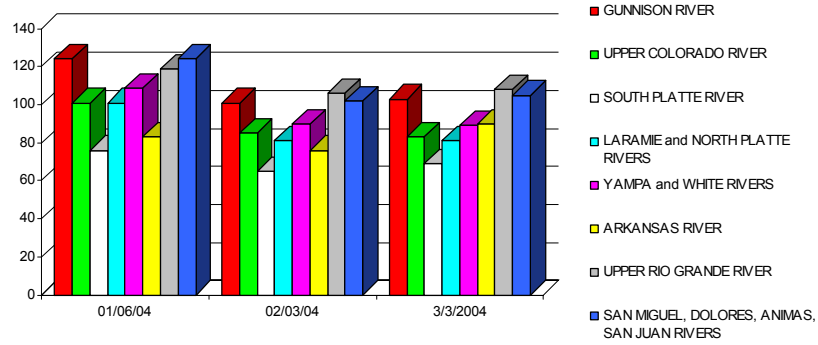
SNOTEL COURSE DATA

PRELIMINARY

SNOW WATER EQUIVALENT

PERCENT OF AVERAGE

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

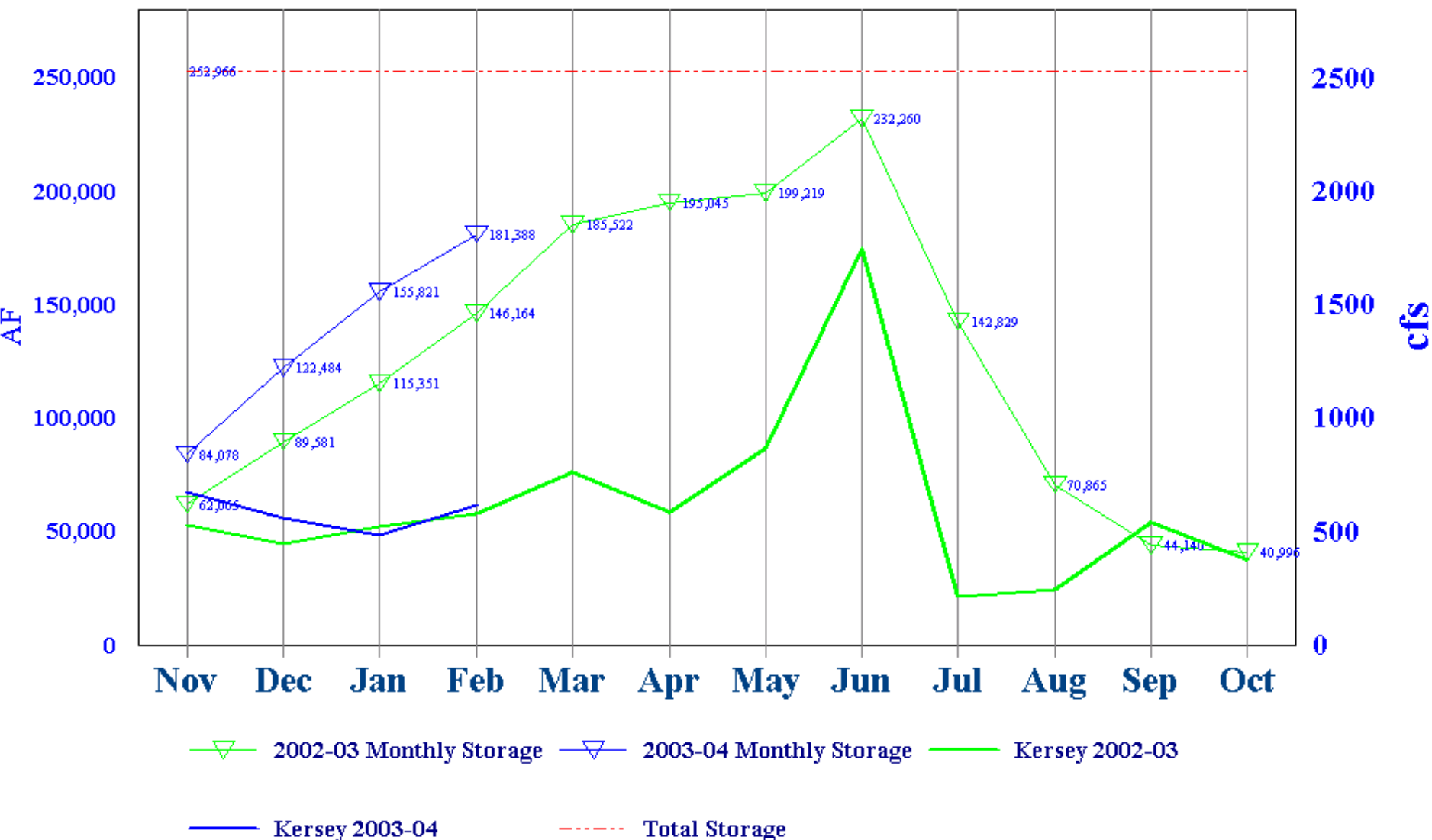


Next 4 slides show Reservoir storage below and above Kersey



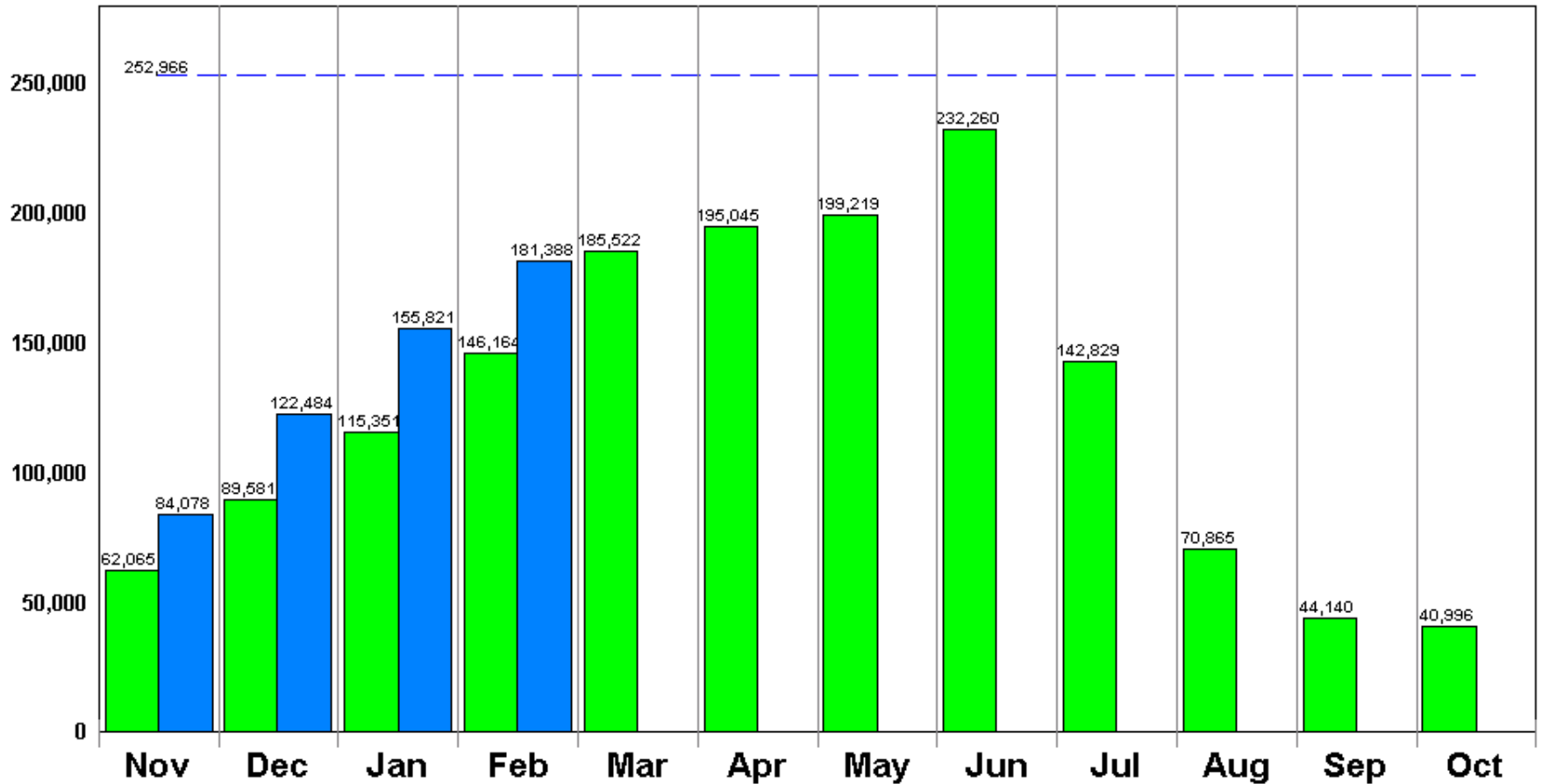
Reservoir Storage below Kersey

Selected Reservoirs*



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

South Platte Reservoirs Storage below Kersey*



Total storage 2002-03



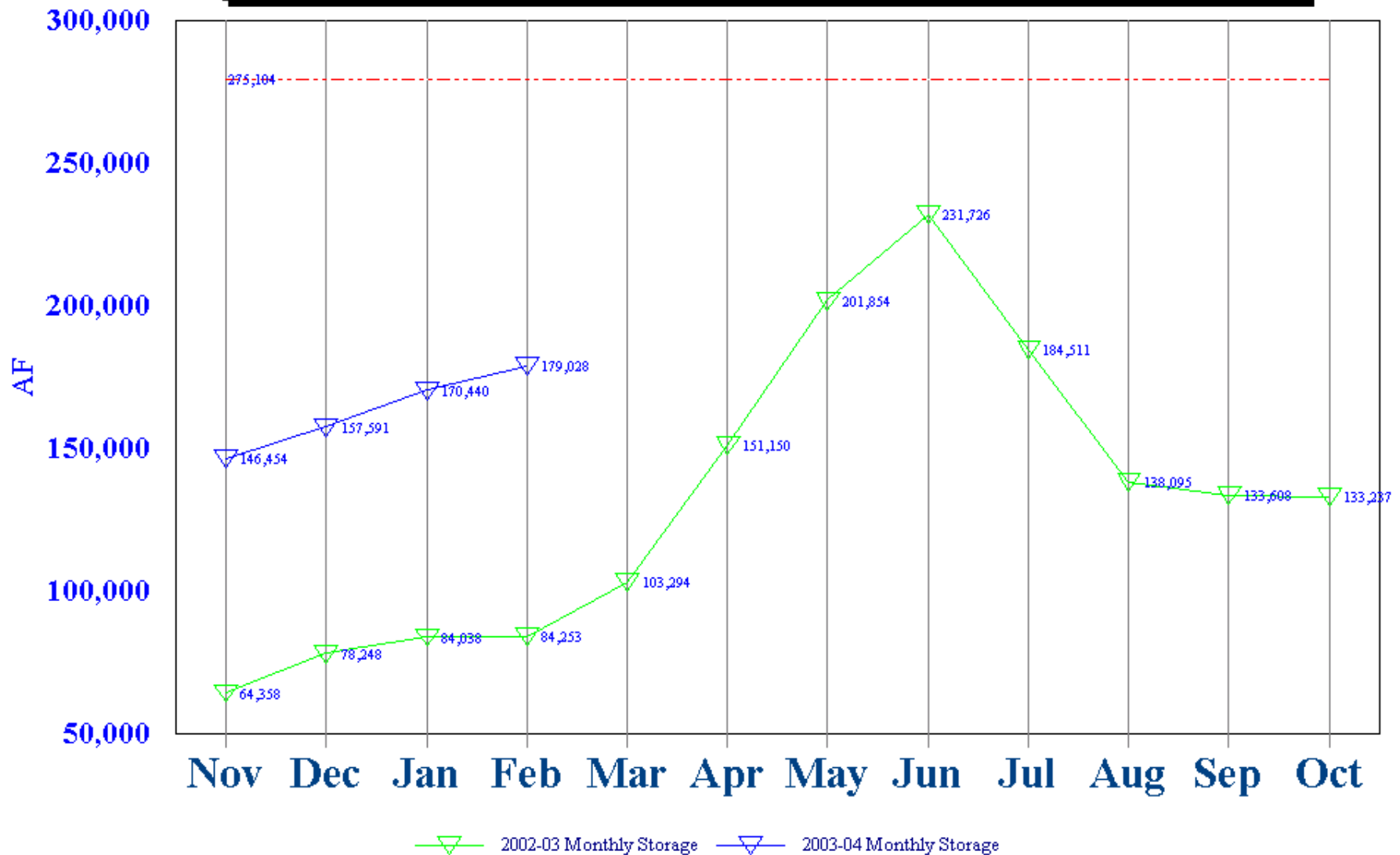
Total Storage 2003-04

— — Maximum Storage

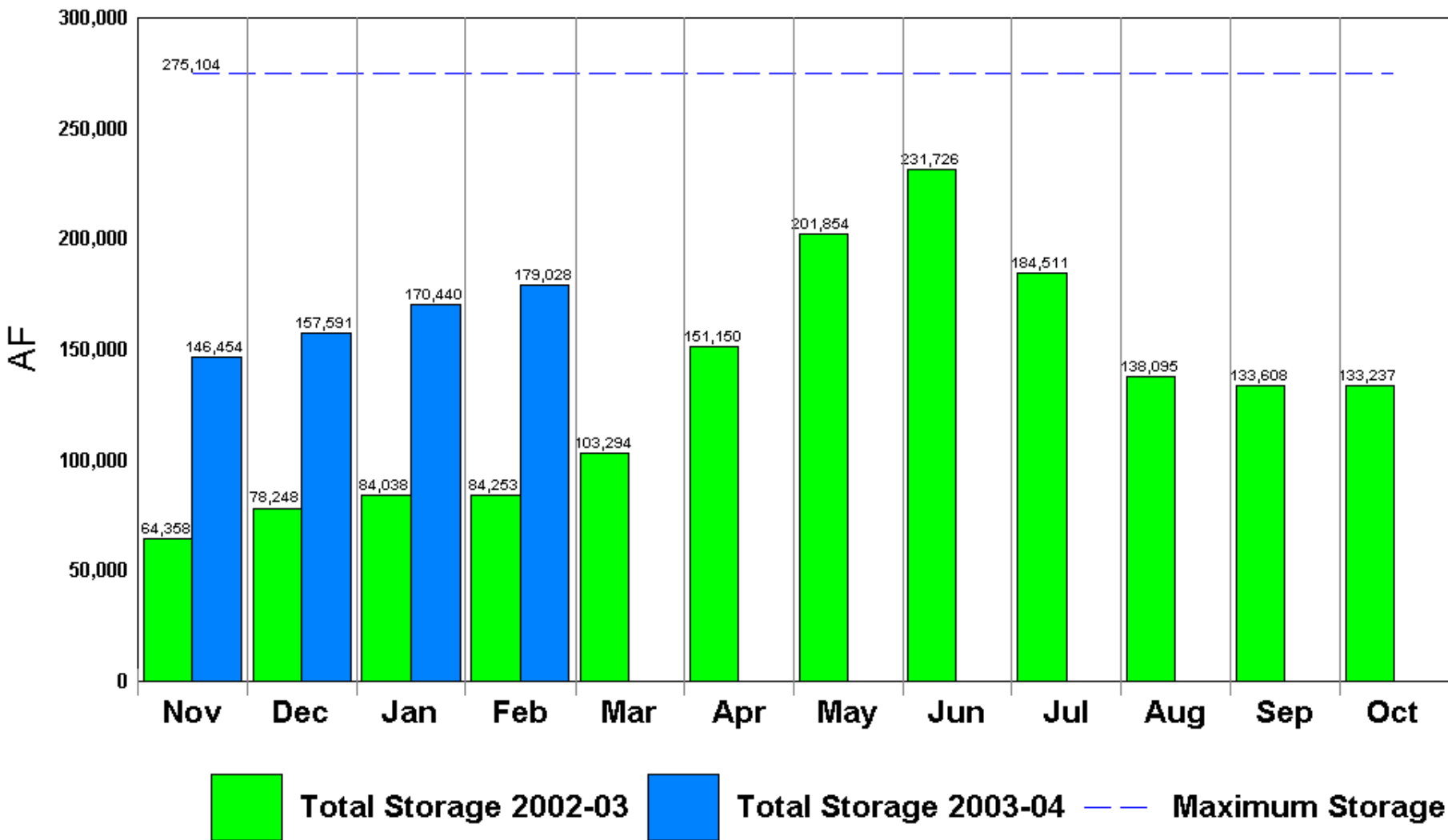
*Empire, Riverside, Jackson, Prewitt, N. Sterling, Julesburg. by jhl

Reservoir Storage above Kersey

Selected Reservoirs*



South Platte Reservoirs Storage above Kersey*



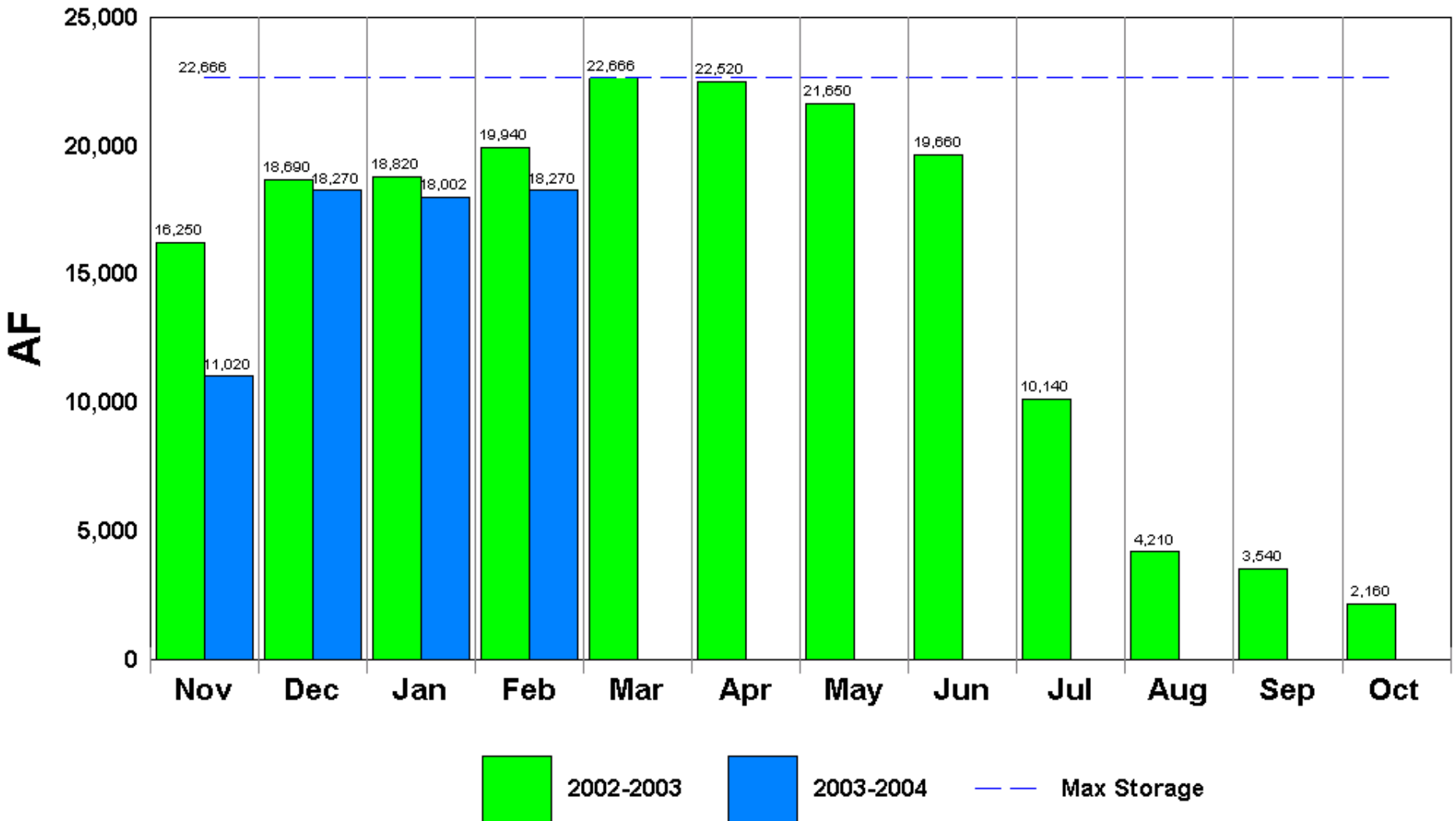
*Barr,Cobb,FossilCrk,Halligan,Marshall,Milton,Union,Standley,LowerLatham,Boyd,Loveland,Windsor,HorseCrk,Prospect. by jhl

Individual Reservoir Storage follows:



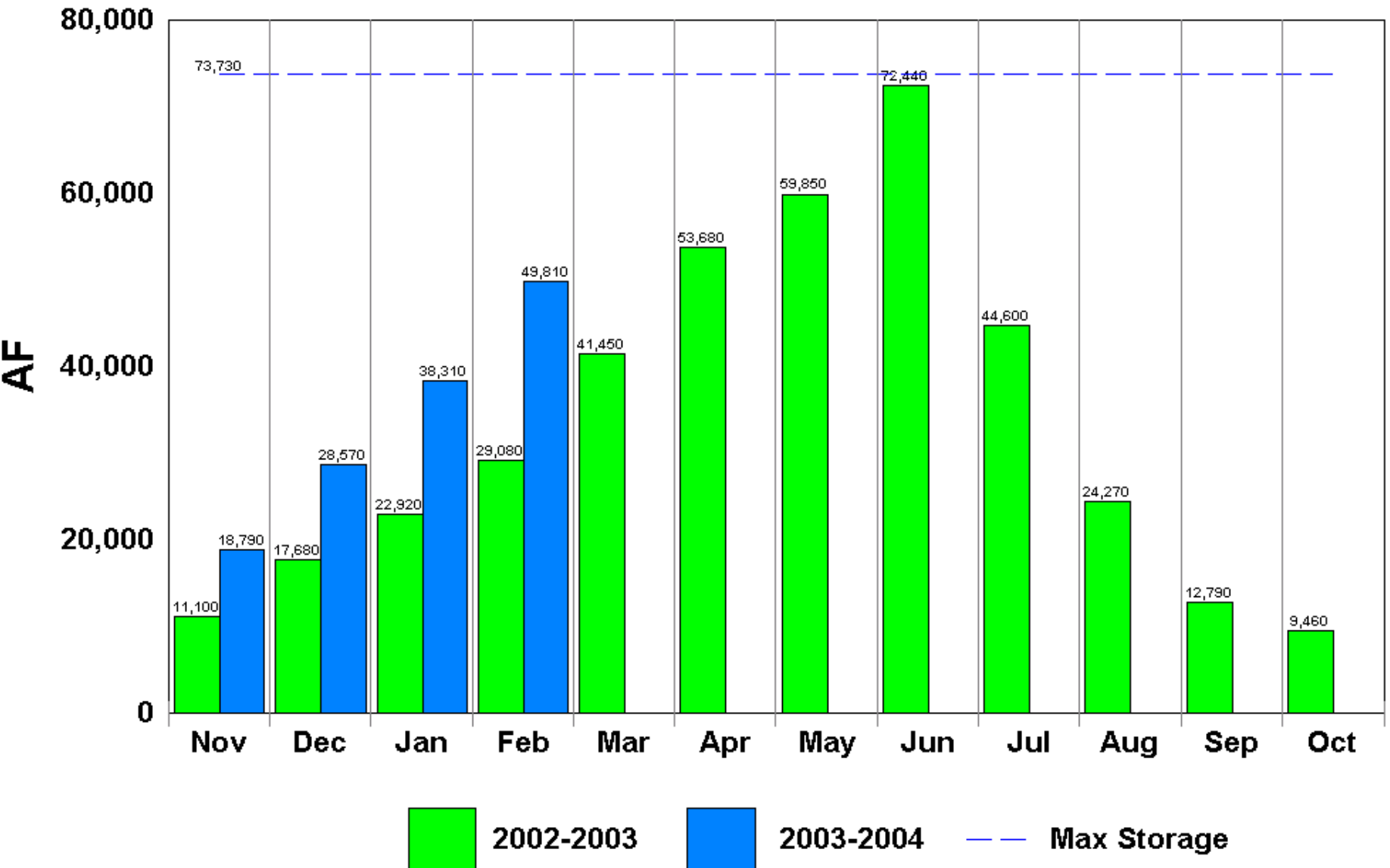
Julesburg Reservoir

(Agricultural)



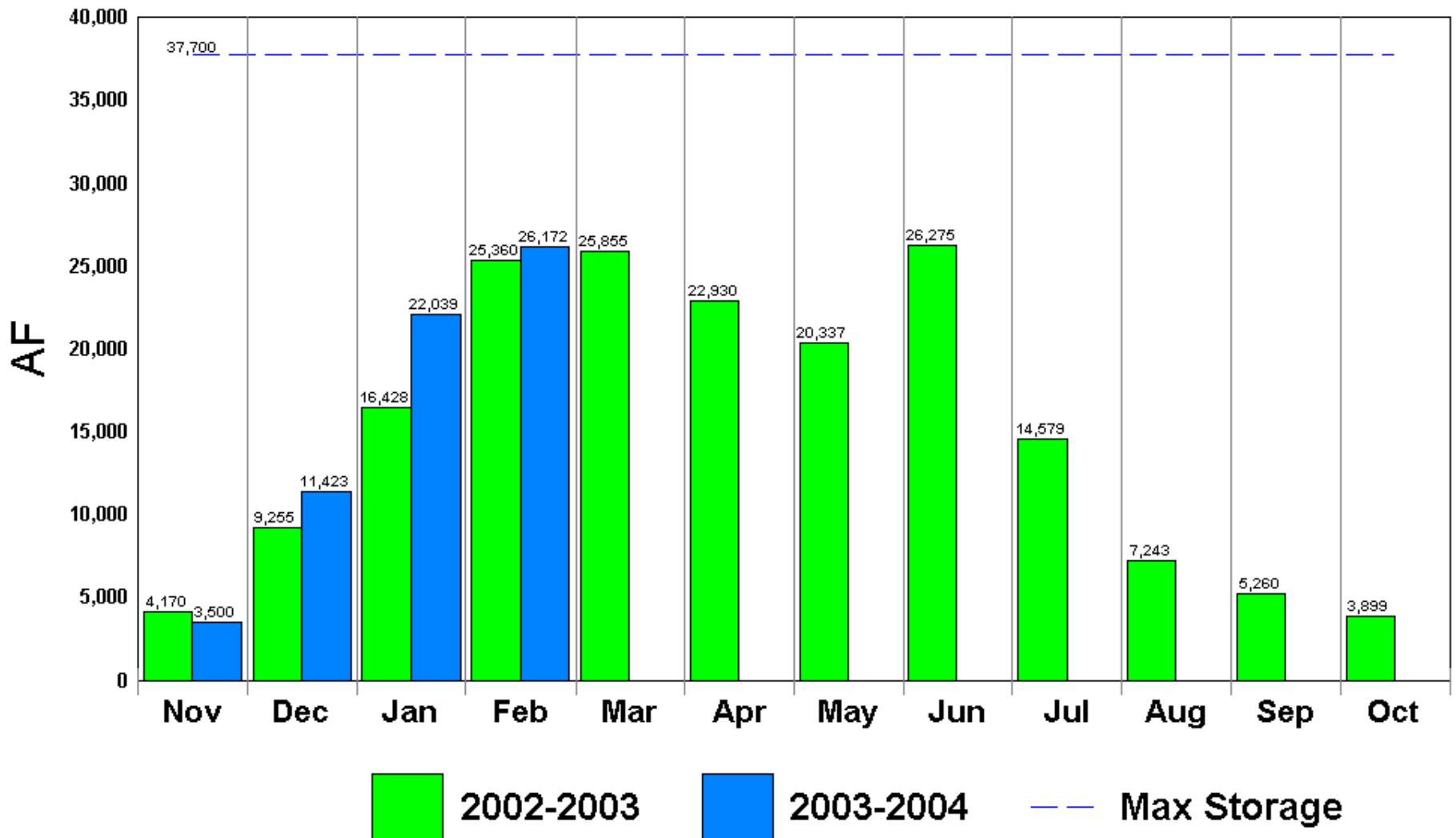
N. Sterling Reservoir

(Agricultural)



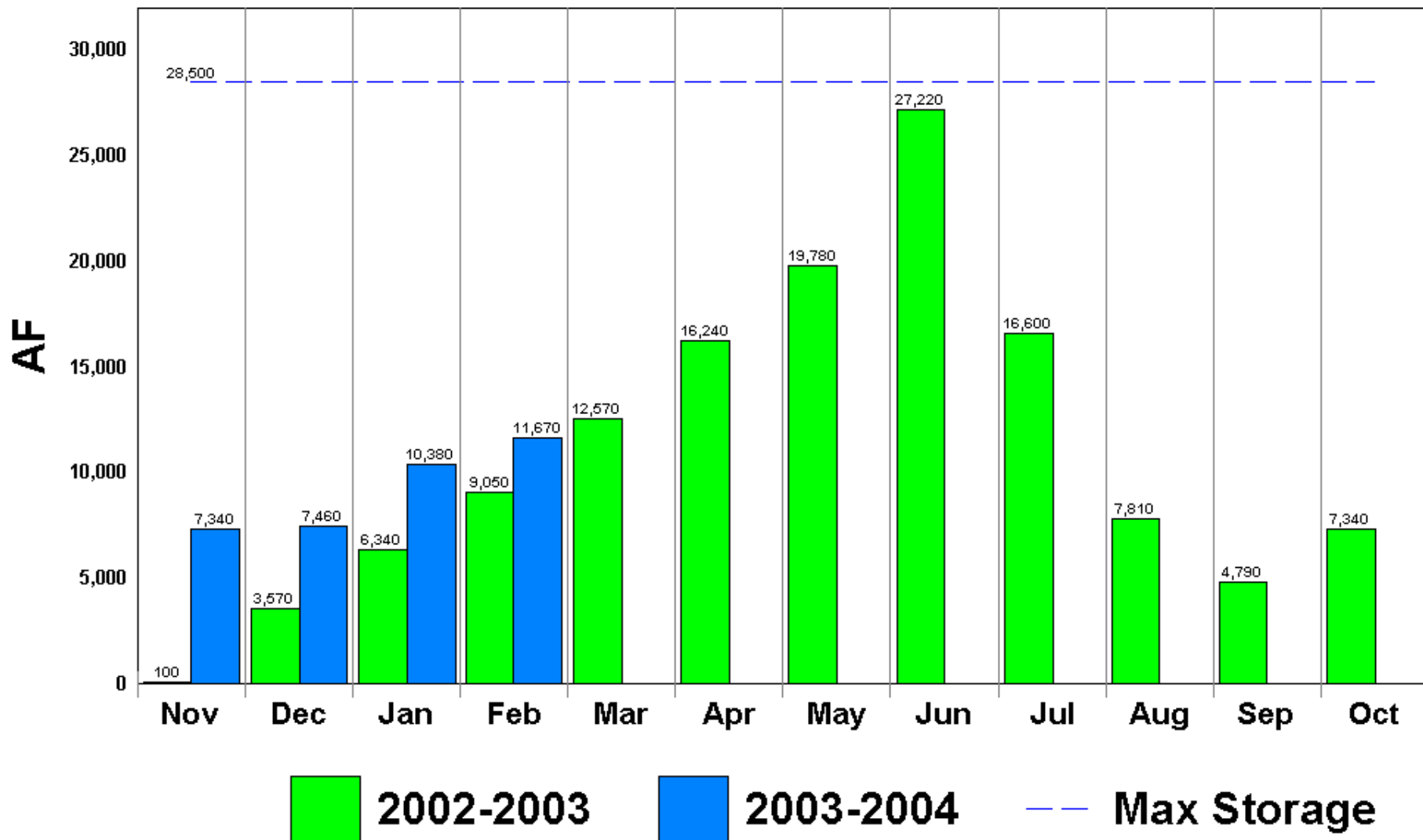
Empire Reservoir

(Agricultural)



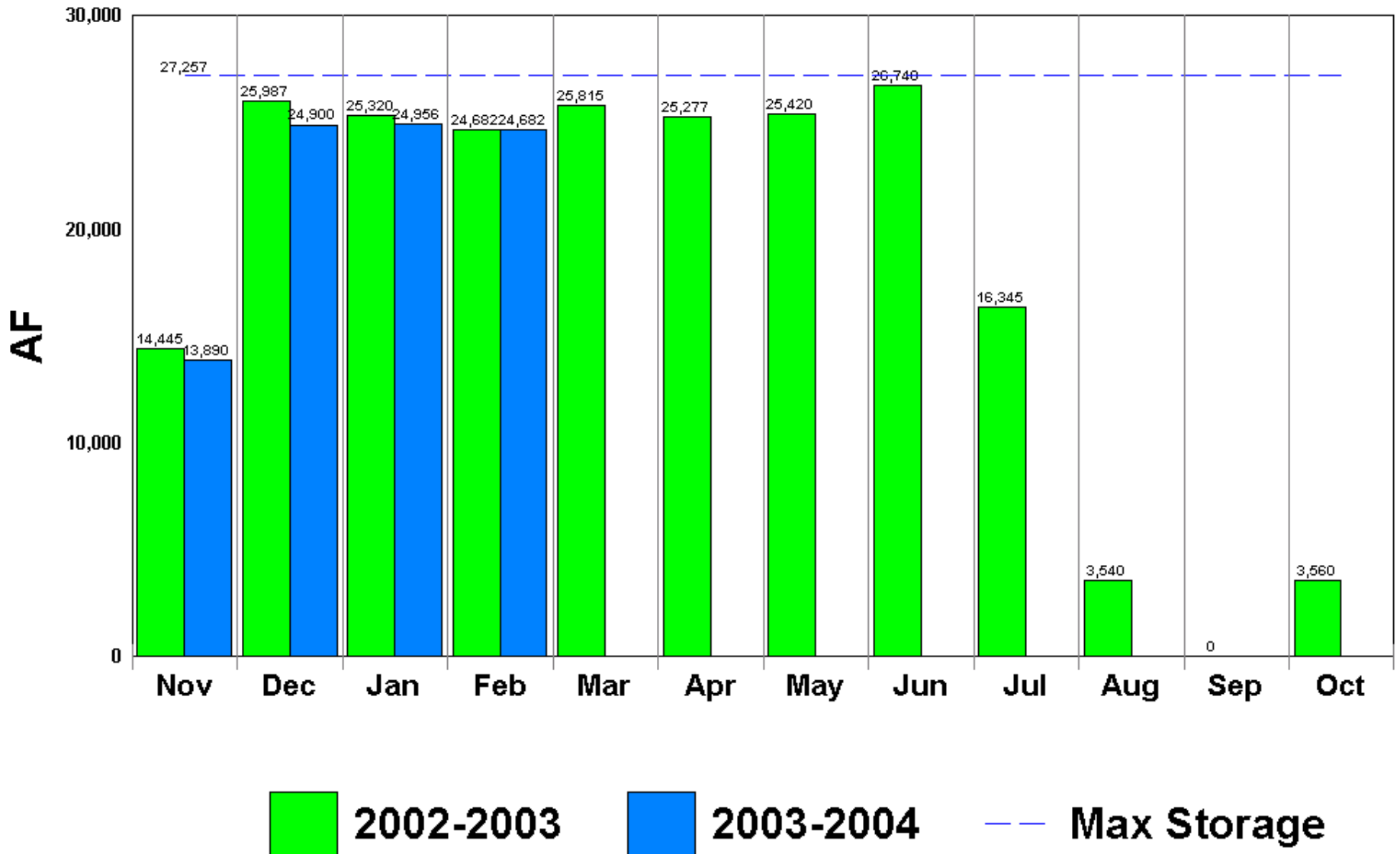
Prewitt Reservoir

(Agricultural)



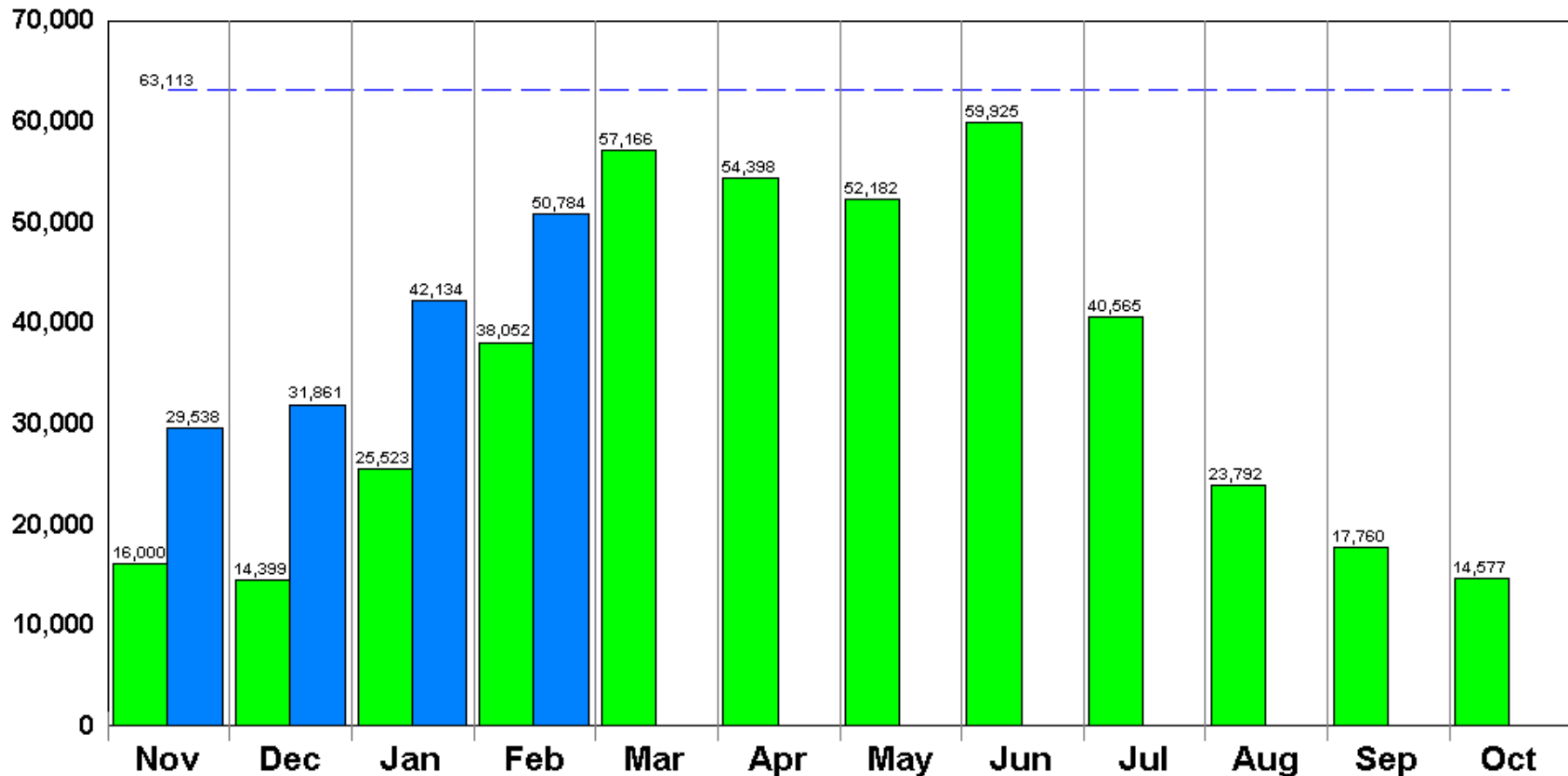
Jackson Reservoir

(Agricultural)



Riverside Reservoir

(Agricultural)



2002-2003



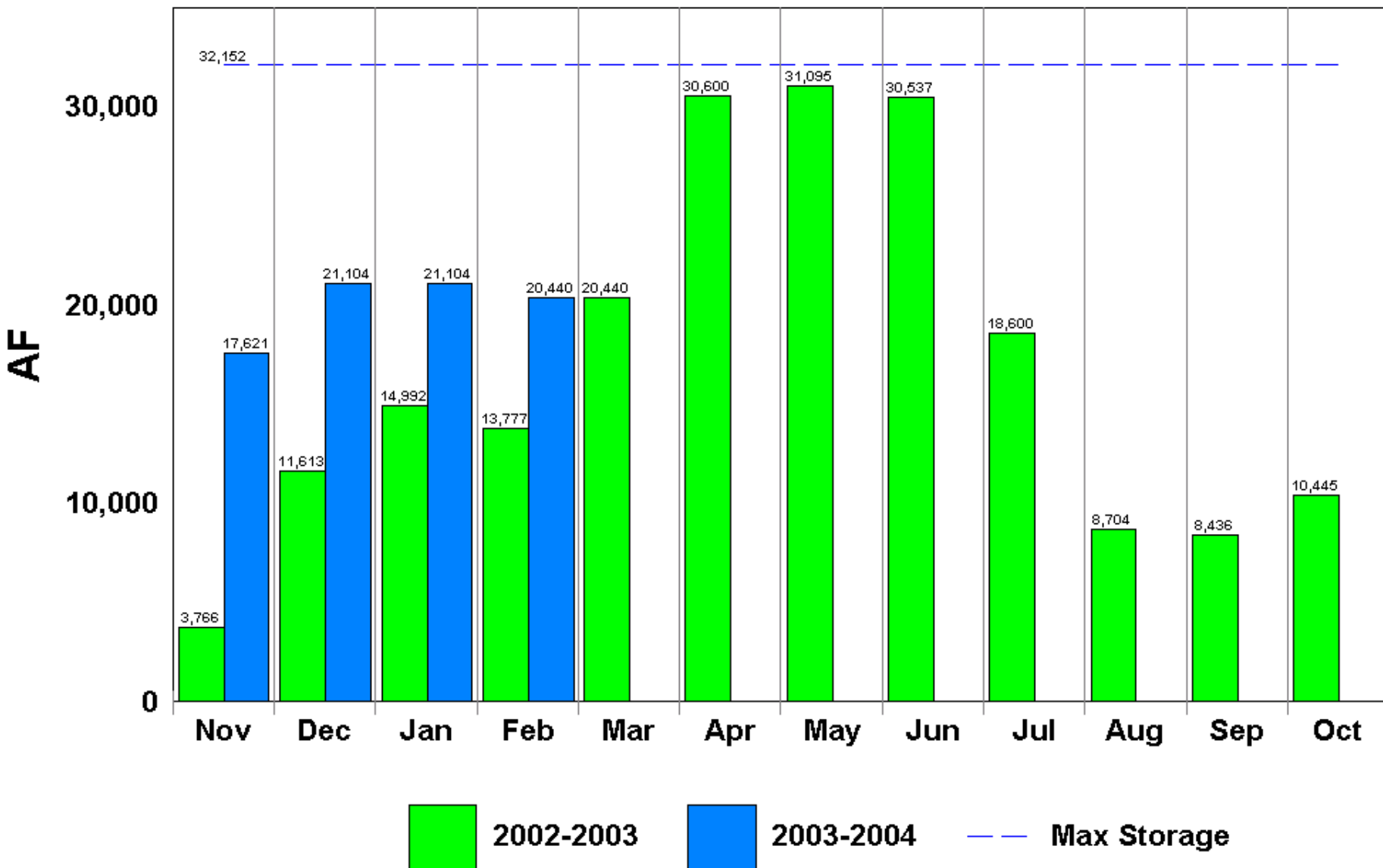
2003-2004



Max Storage

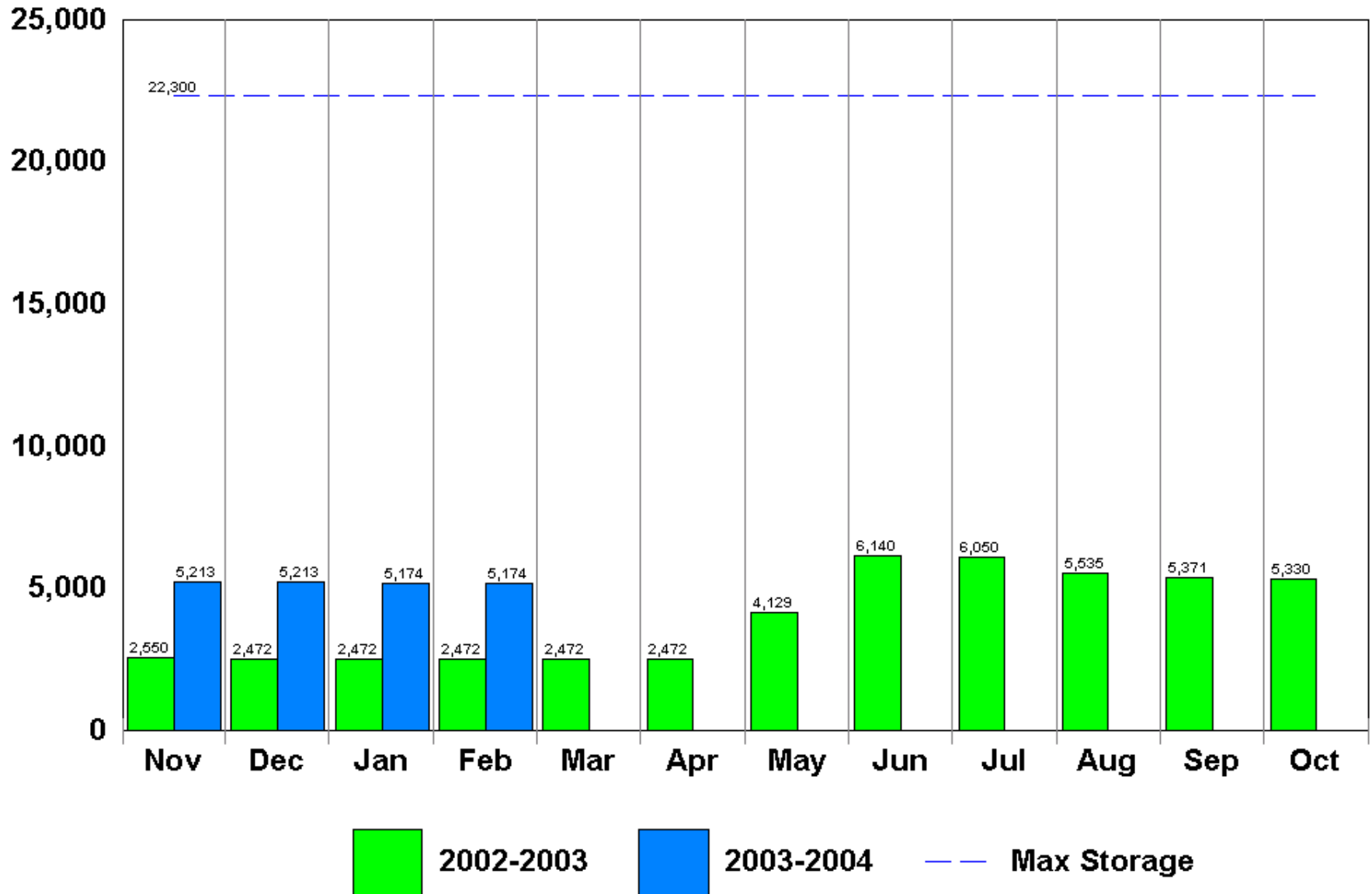
Barr Lake

(Agricultural)



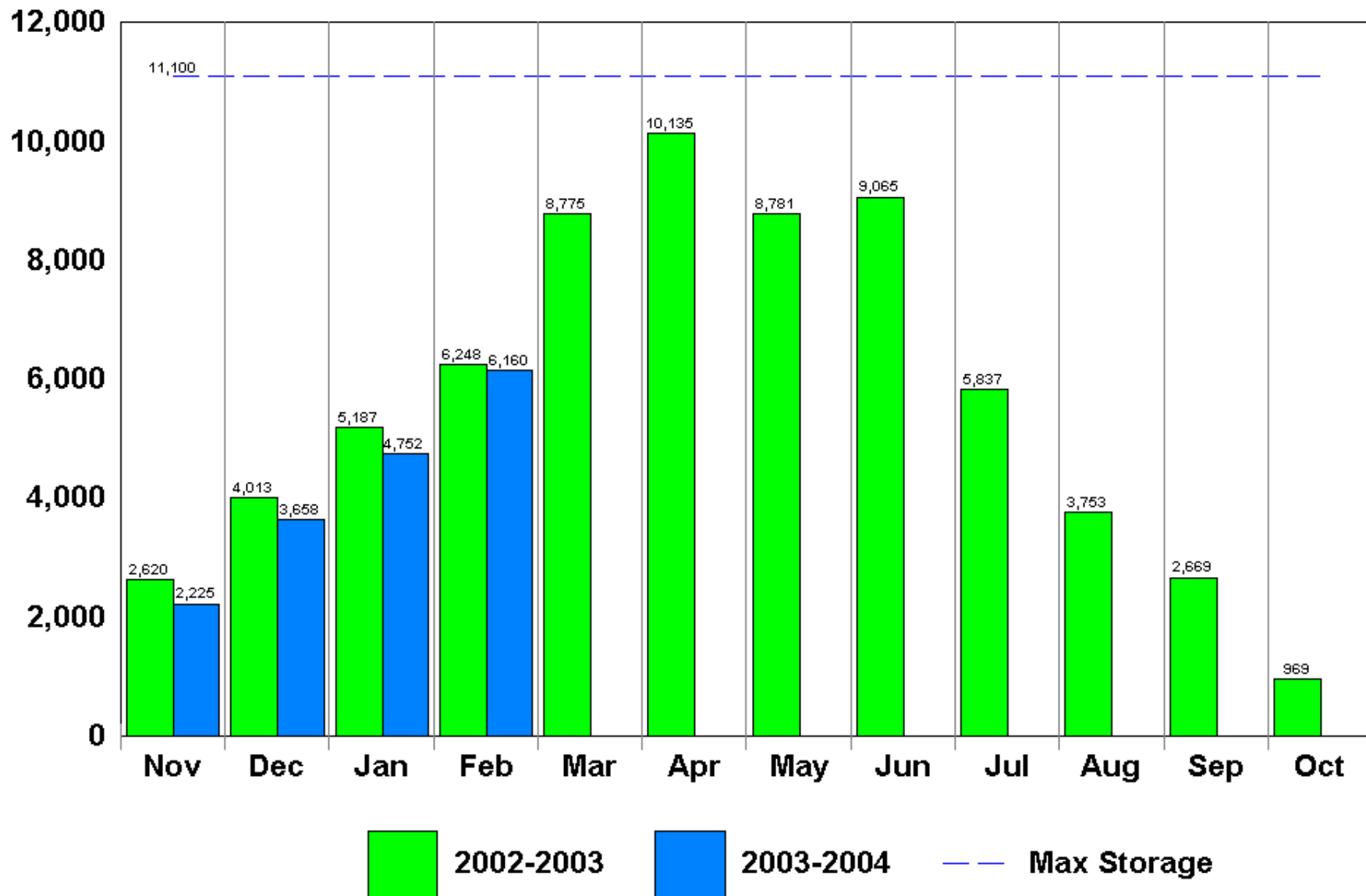
Cobb Lake

(Agricultural)



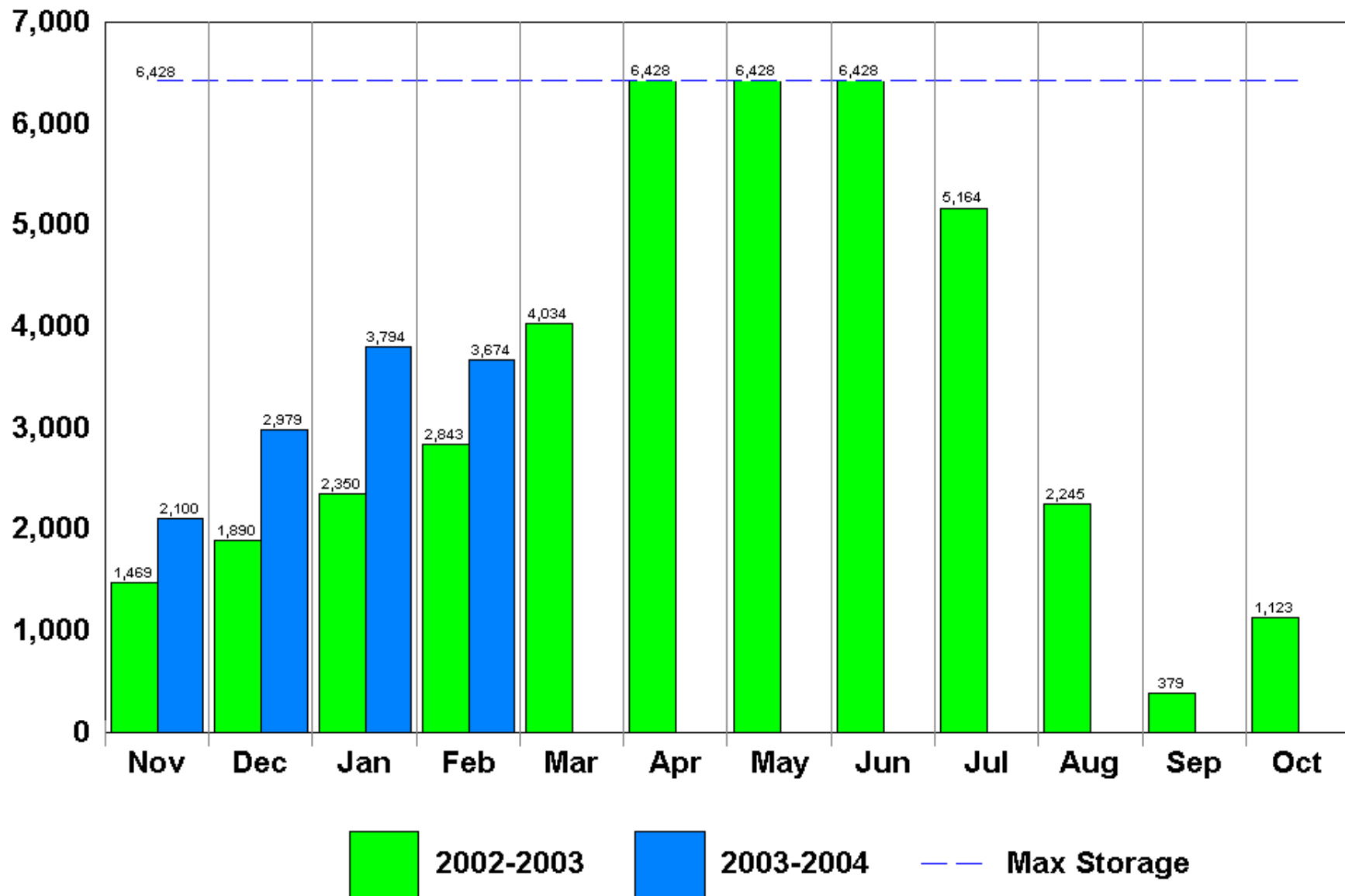
Fossil Creek Reservoir

(Agricultural)



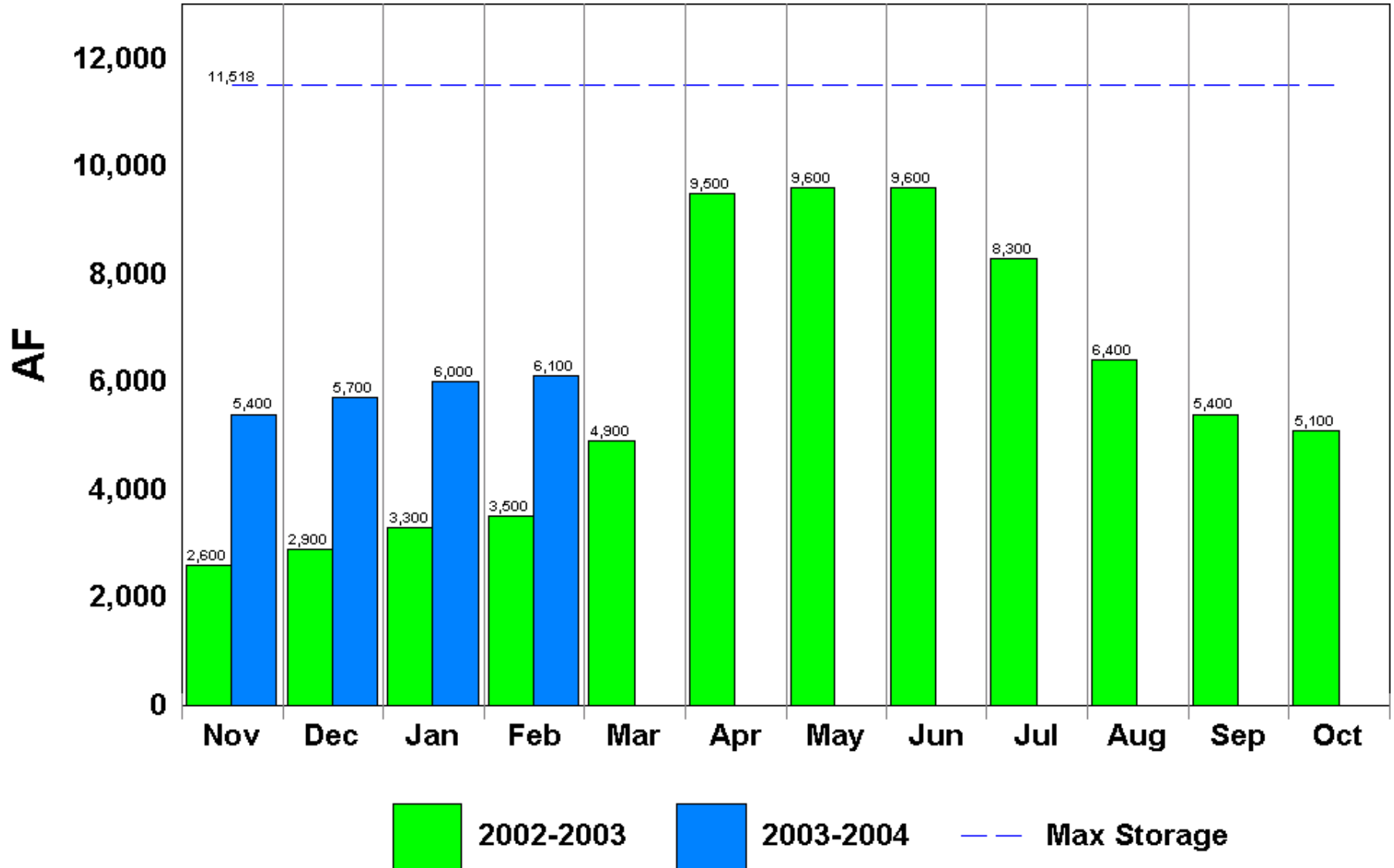
Halligan Reservoir

(Agricultural)



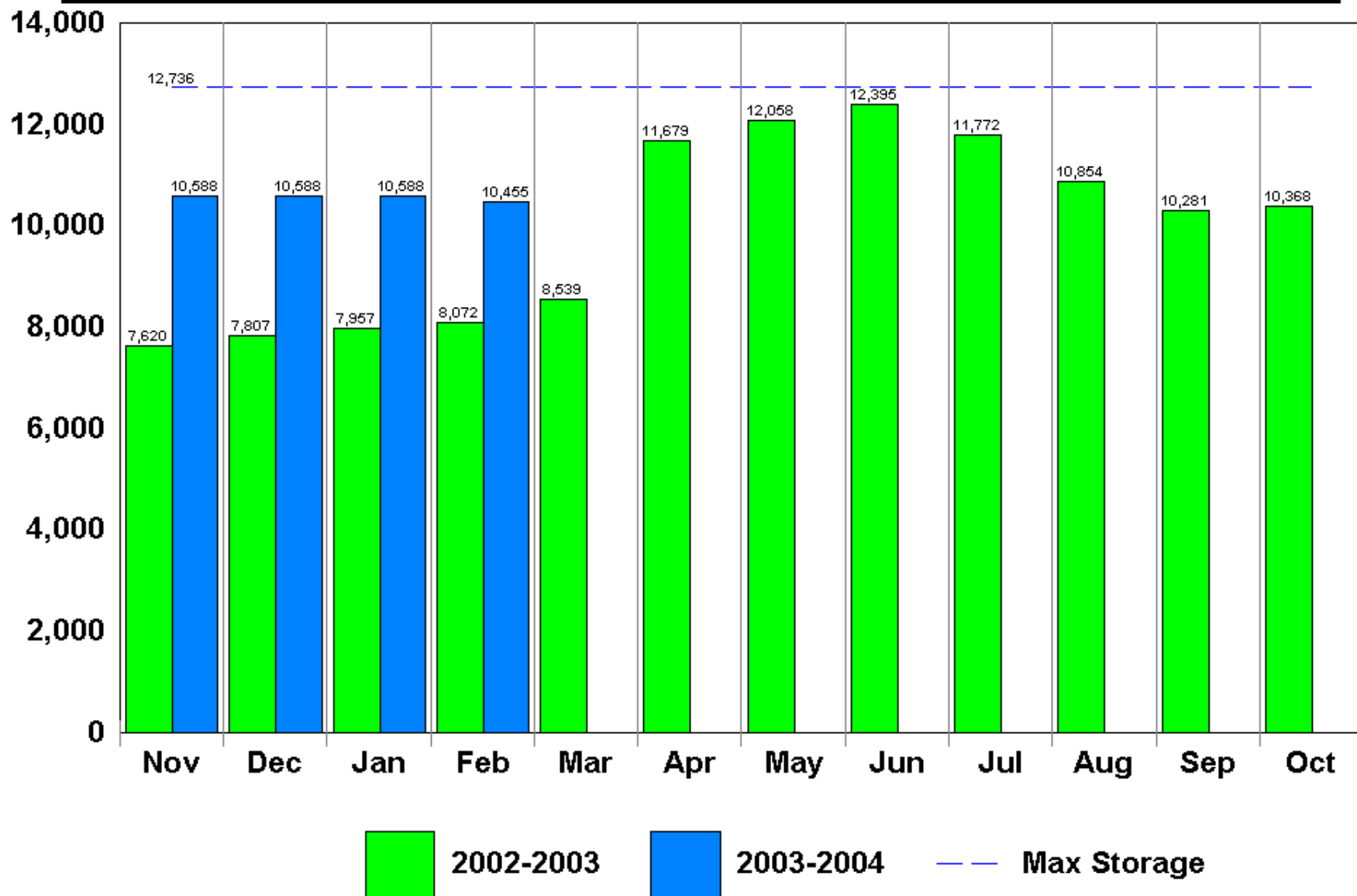
Marshall Lake

(Agricultural)



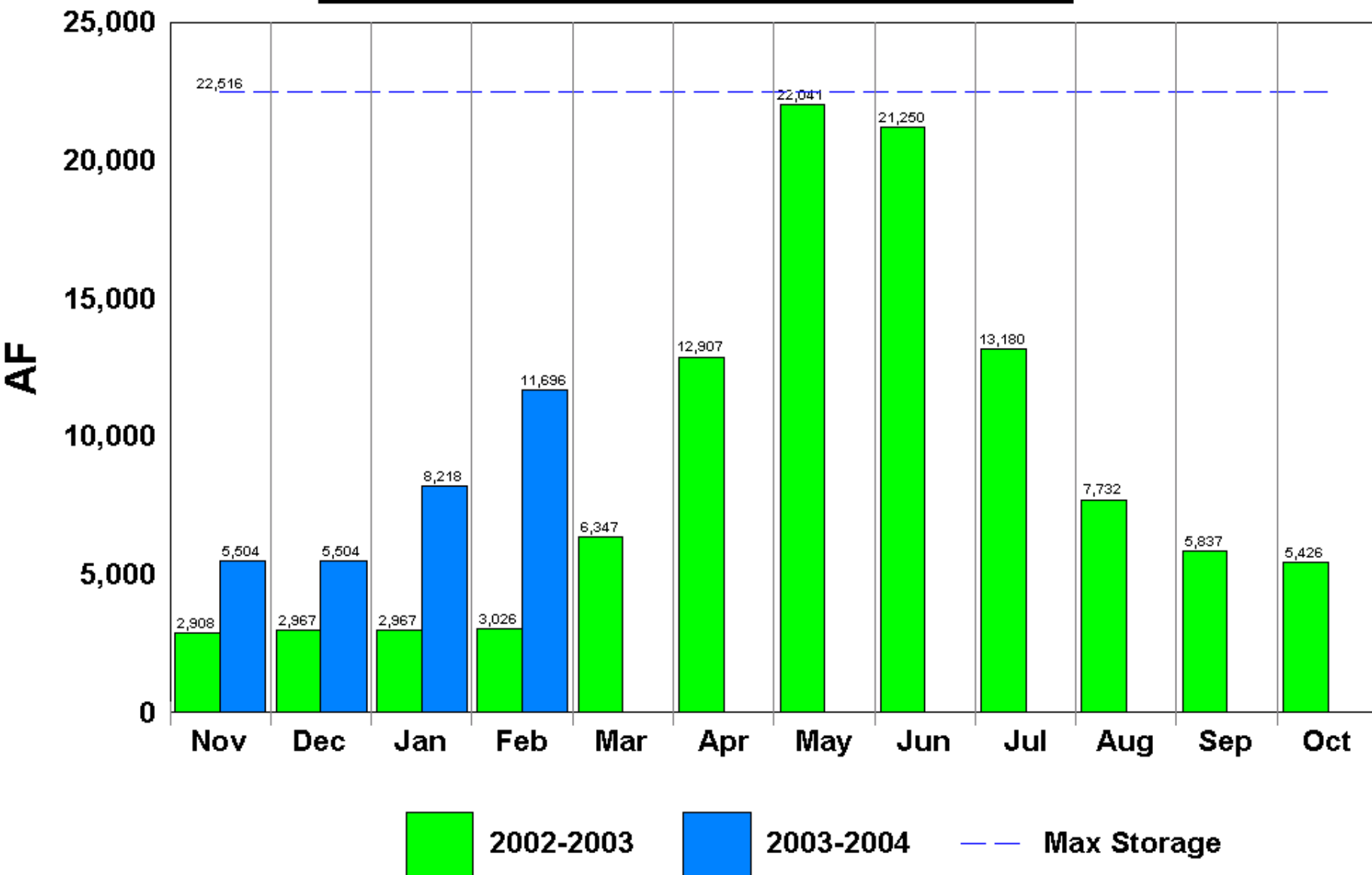
Loveland Greeley Reservoir

(Agricultural)



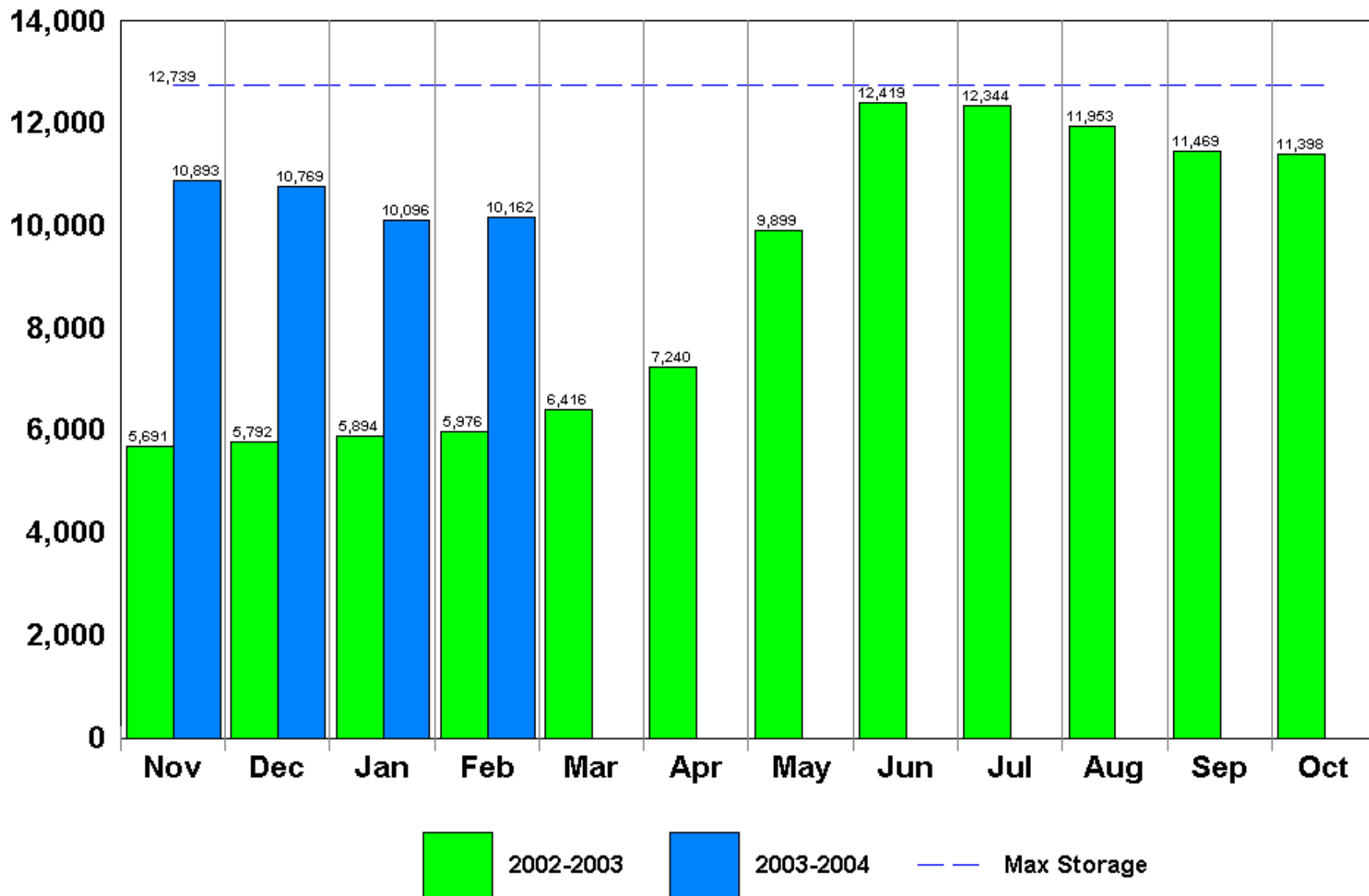
Milton Reservoir

(Agricultural)



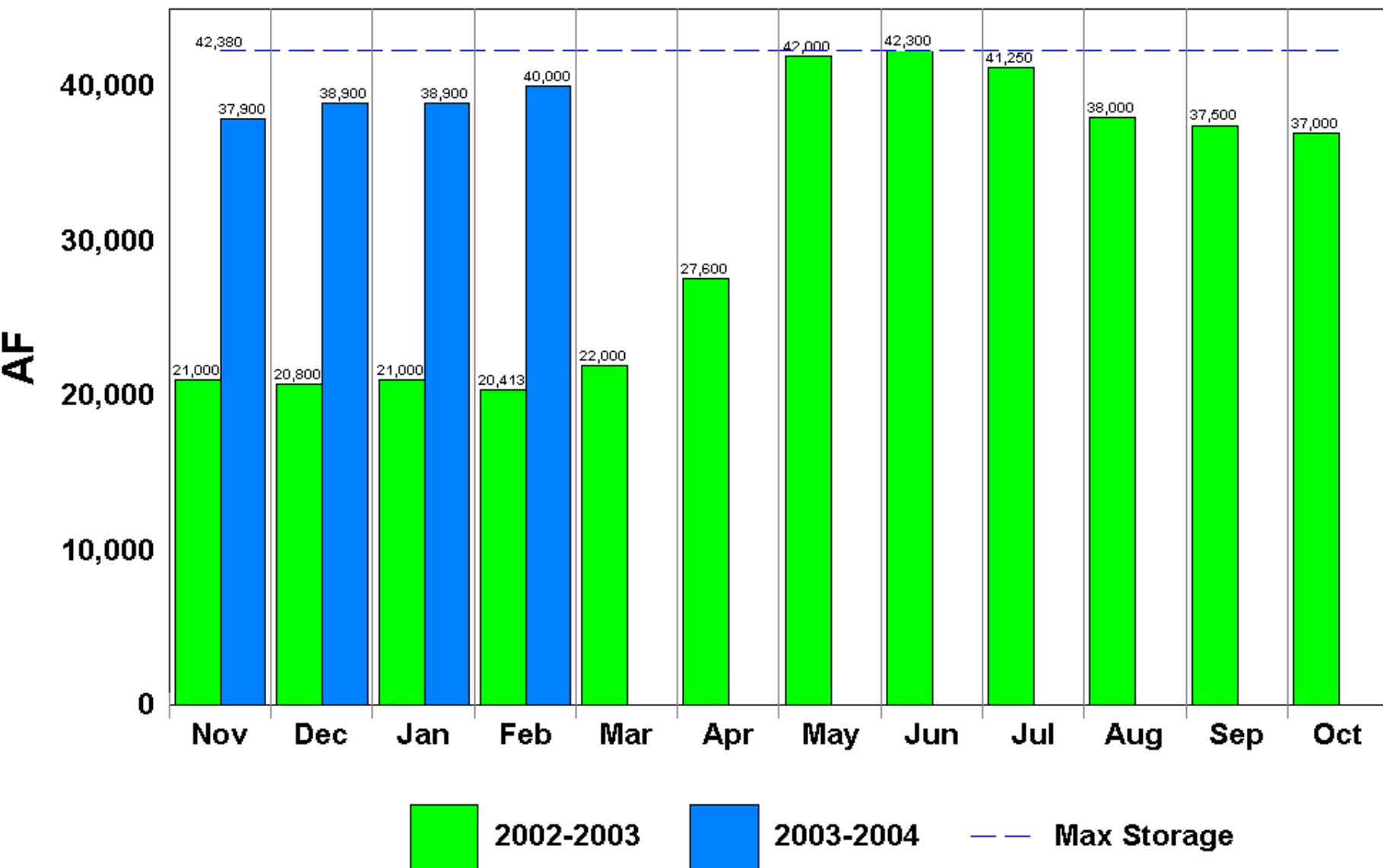
Union Reservoir

(Agricultural)



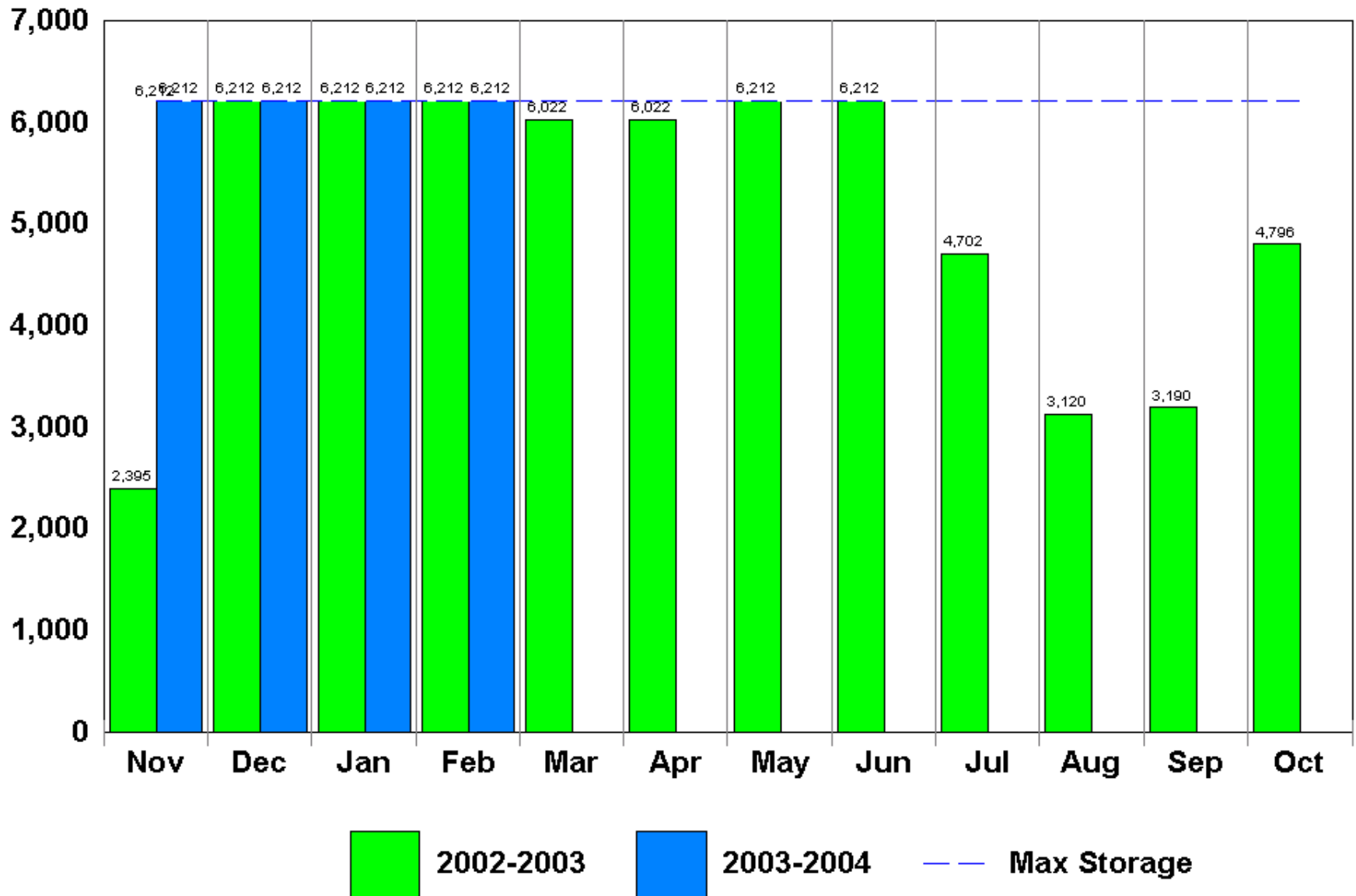
Standley Lake

(Agricultural)



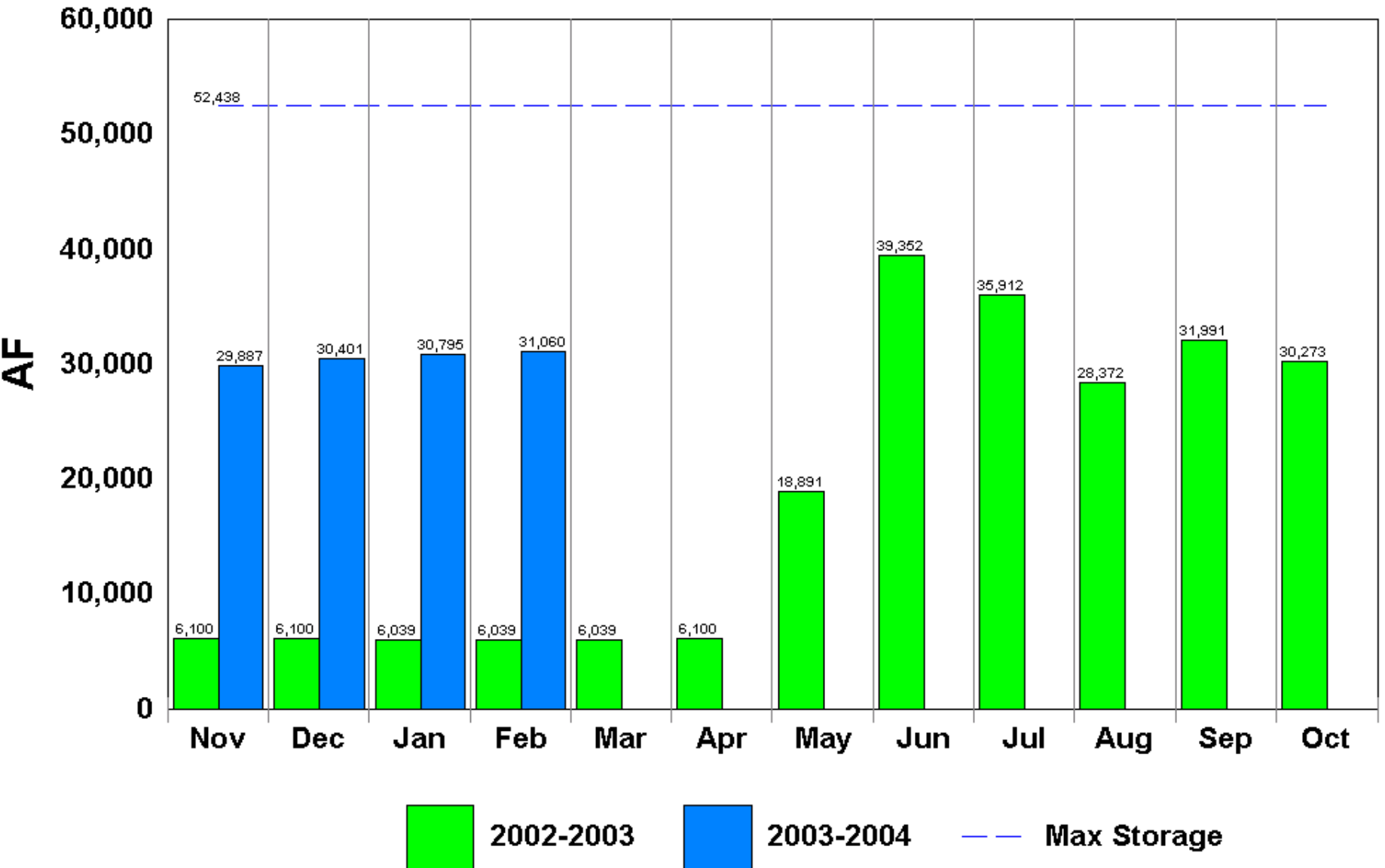
Lower Latham Reservoir

(Agricultural)



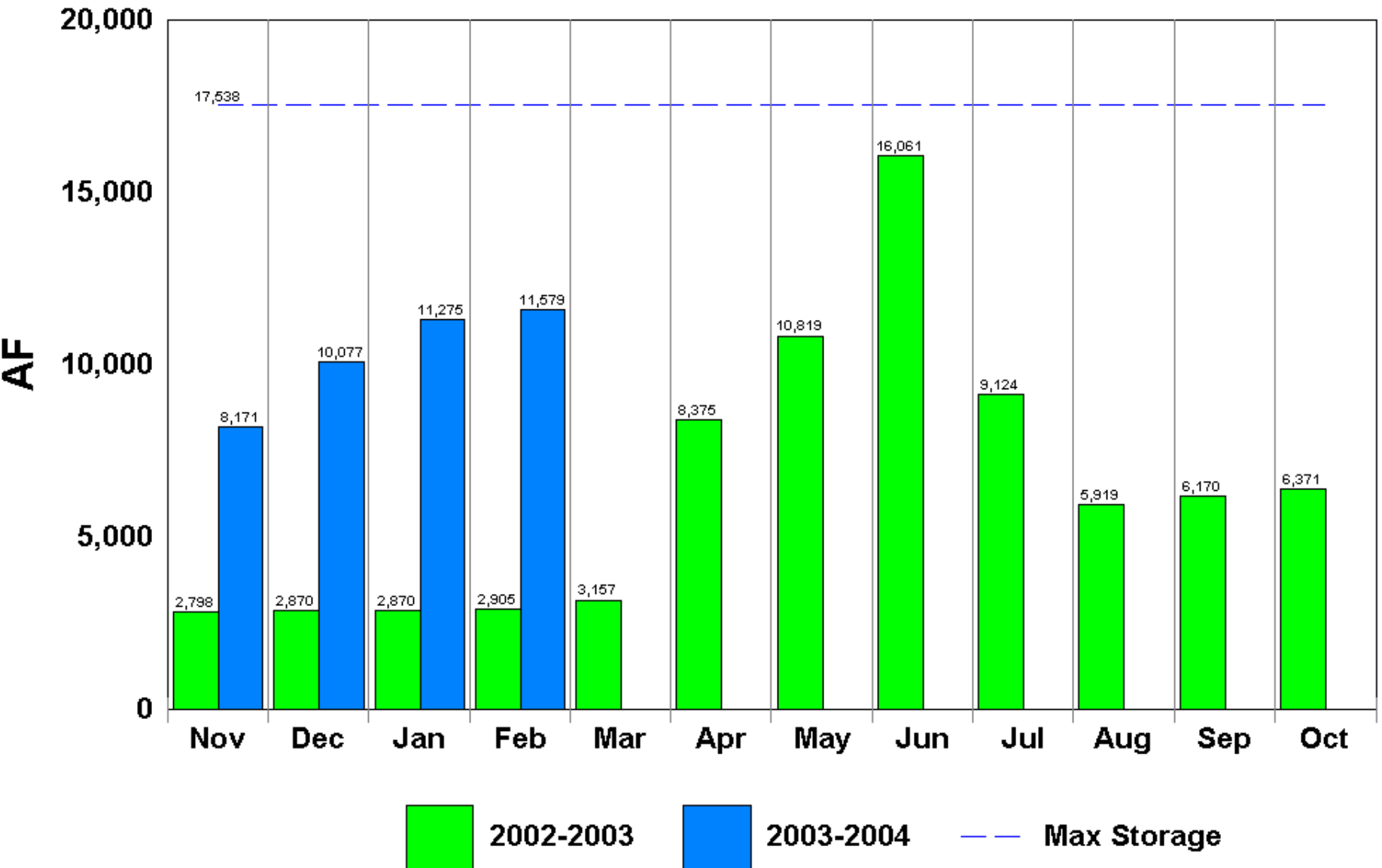
Boyd Lake

(Agricultural)



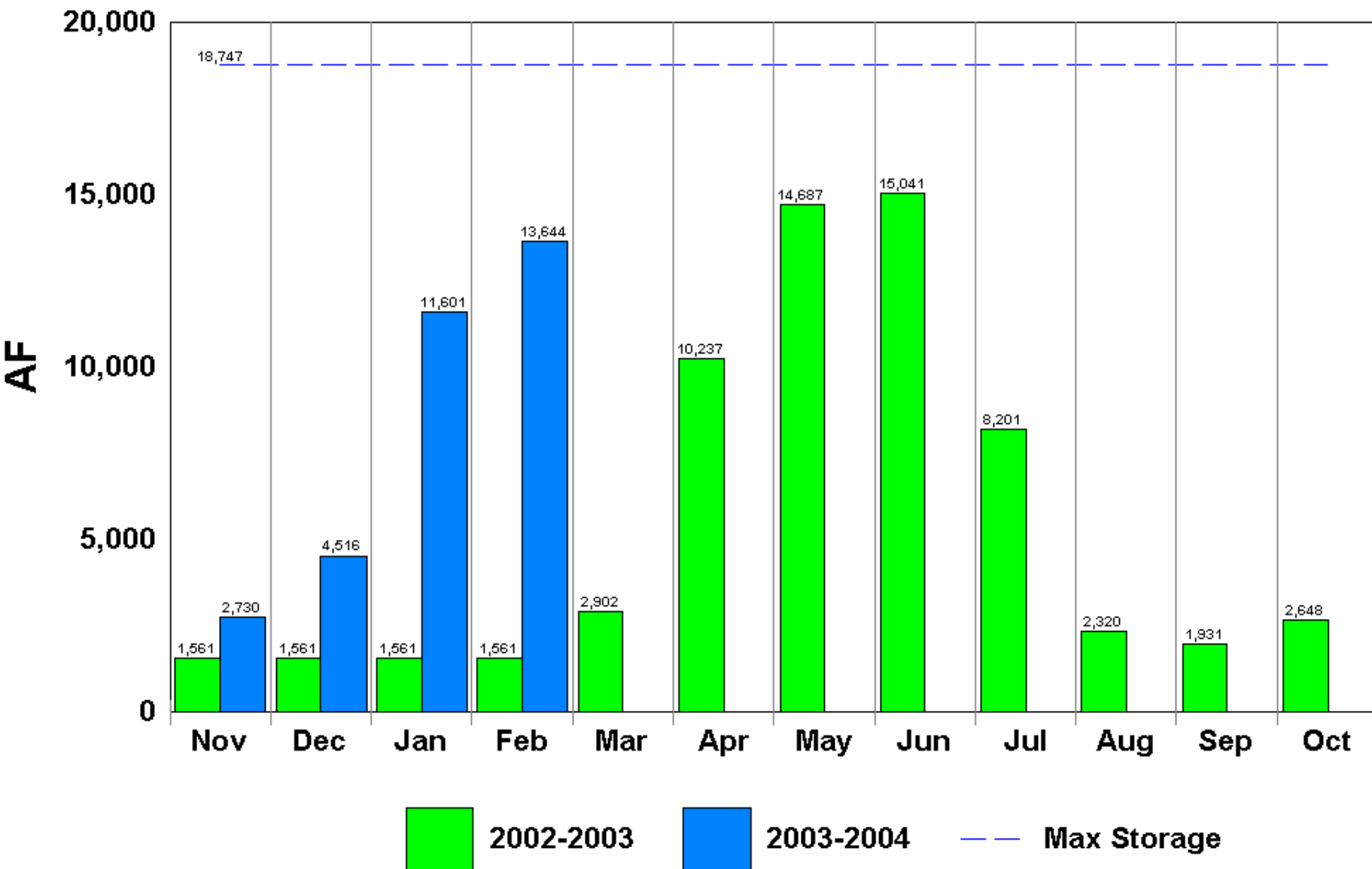
Windsor Reservoir

(Agricultural)



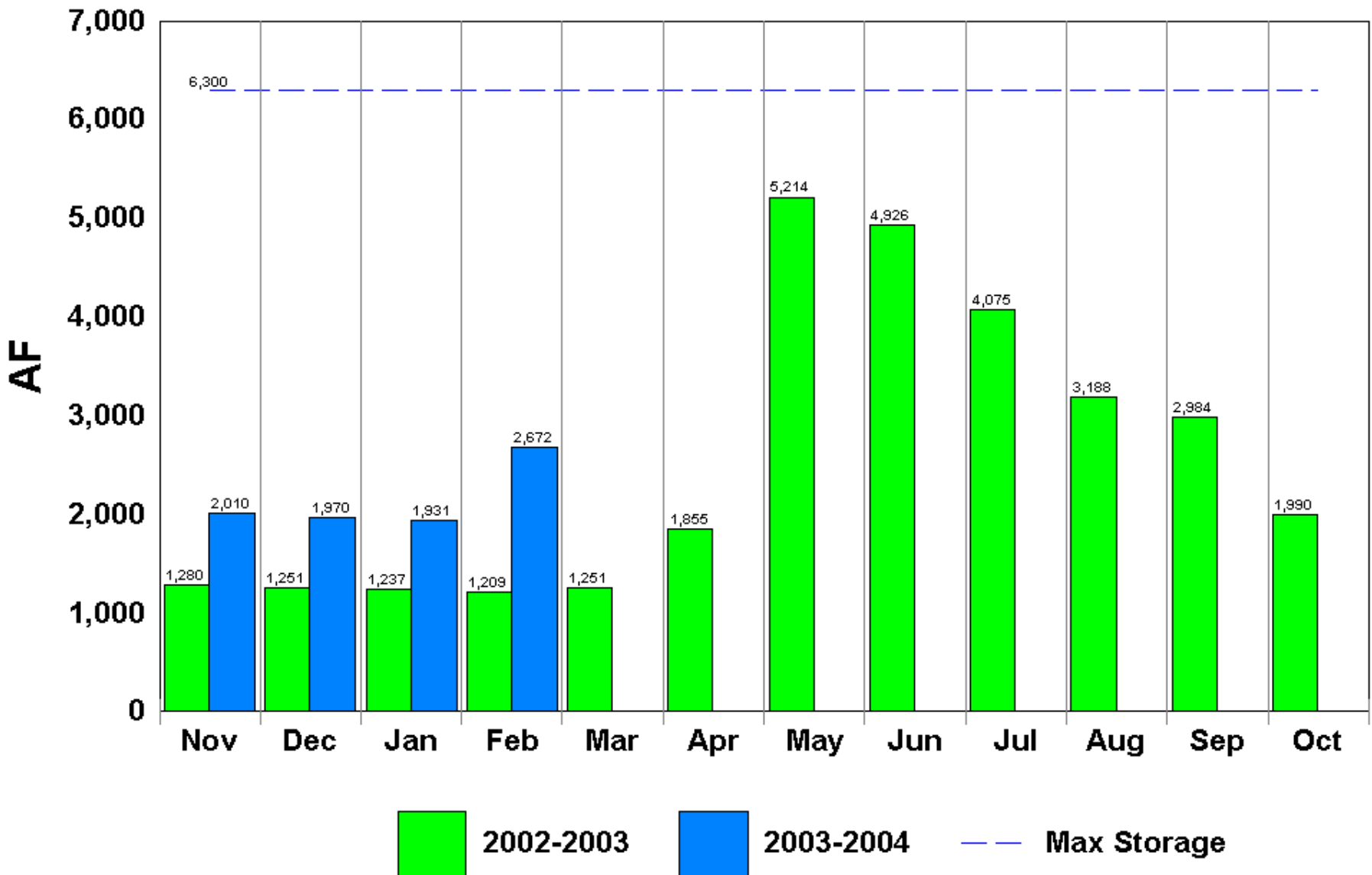
Horse Creek Reservoir

(Agricultural)



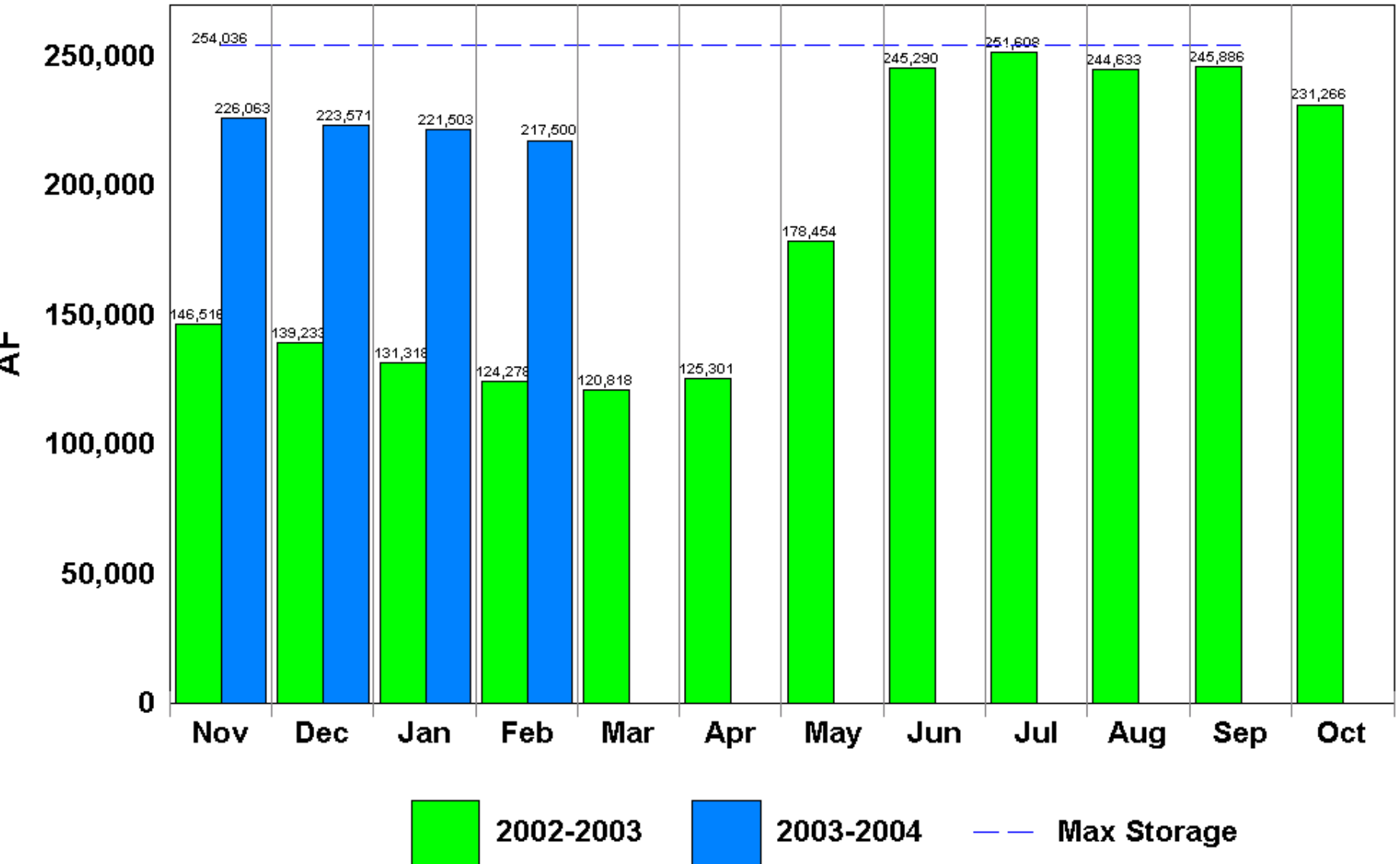
Prospect Reservoir

(Agricultural)



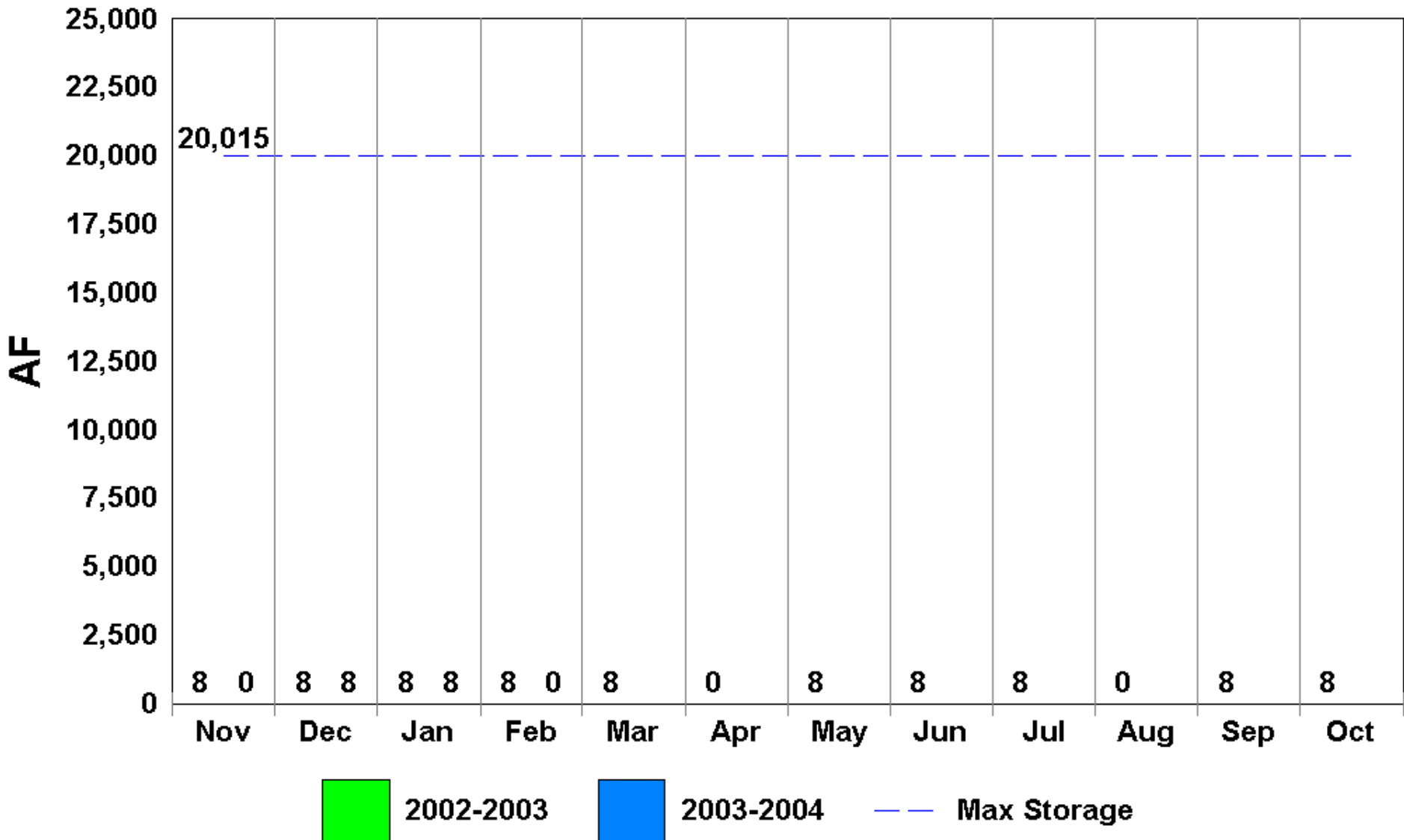
Dillon Reservoir

(Municipal)



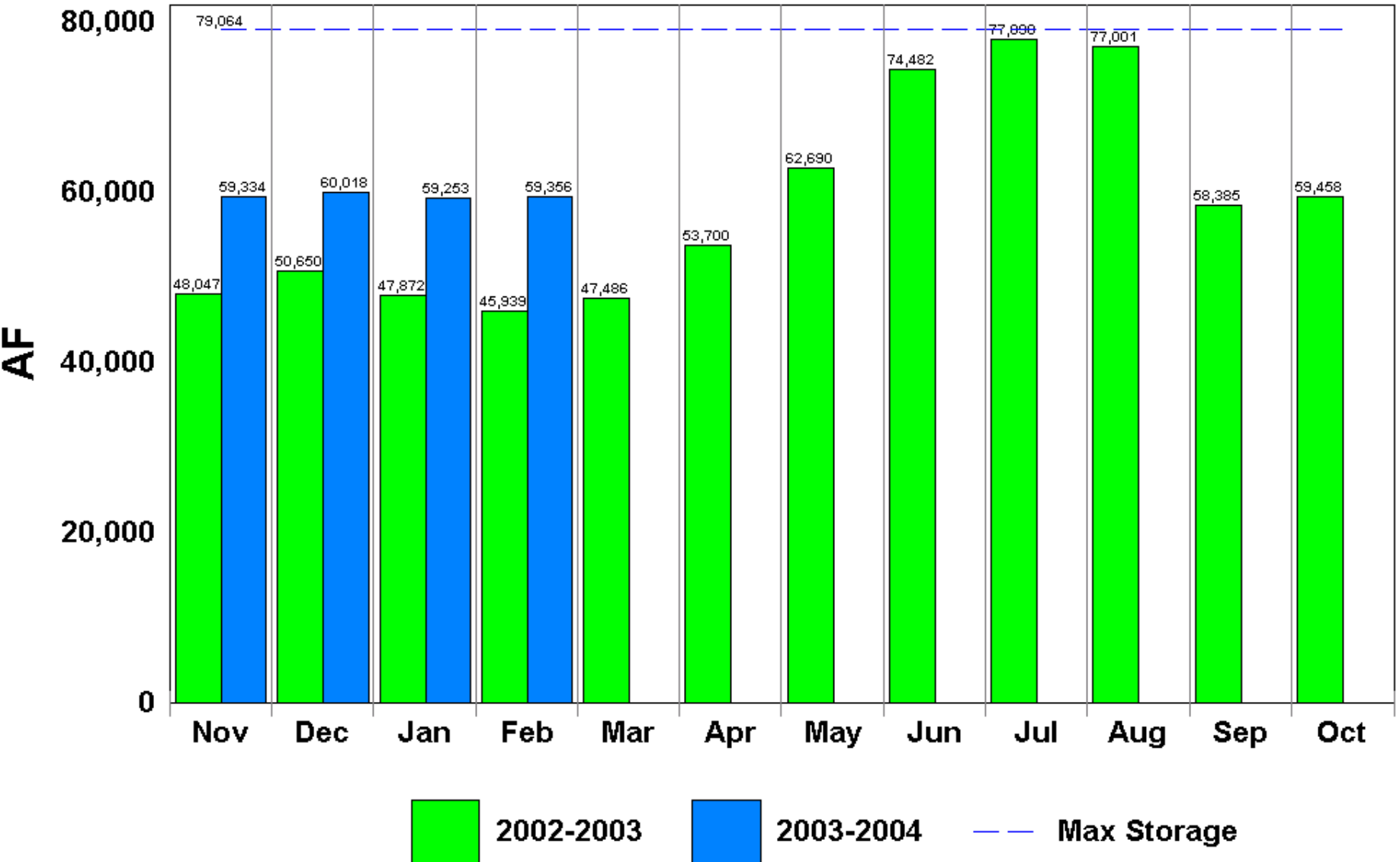
Antero Reservoir

(Municipal)



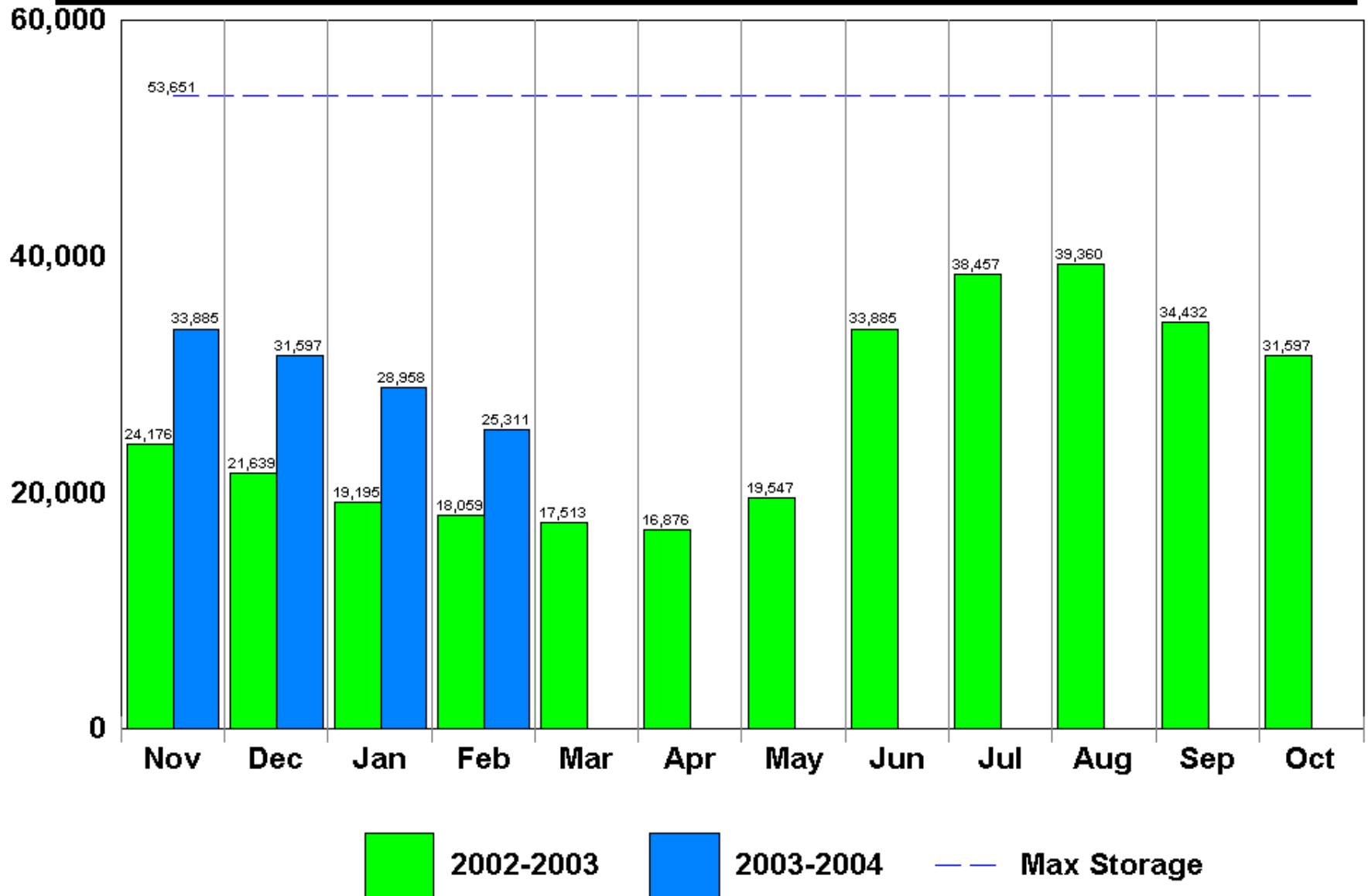
Cheesman Reservoir

(Municipal)



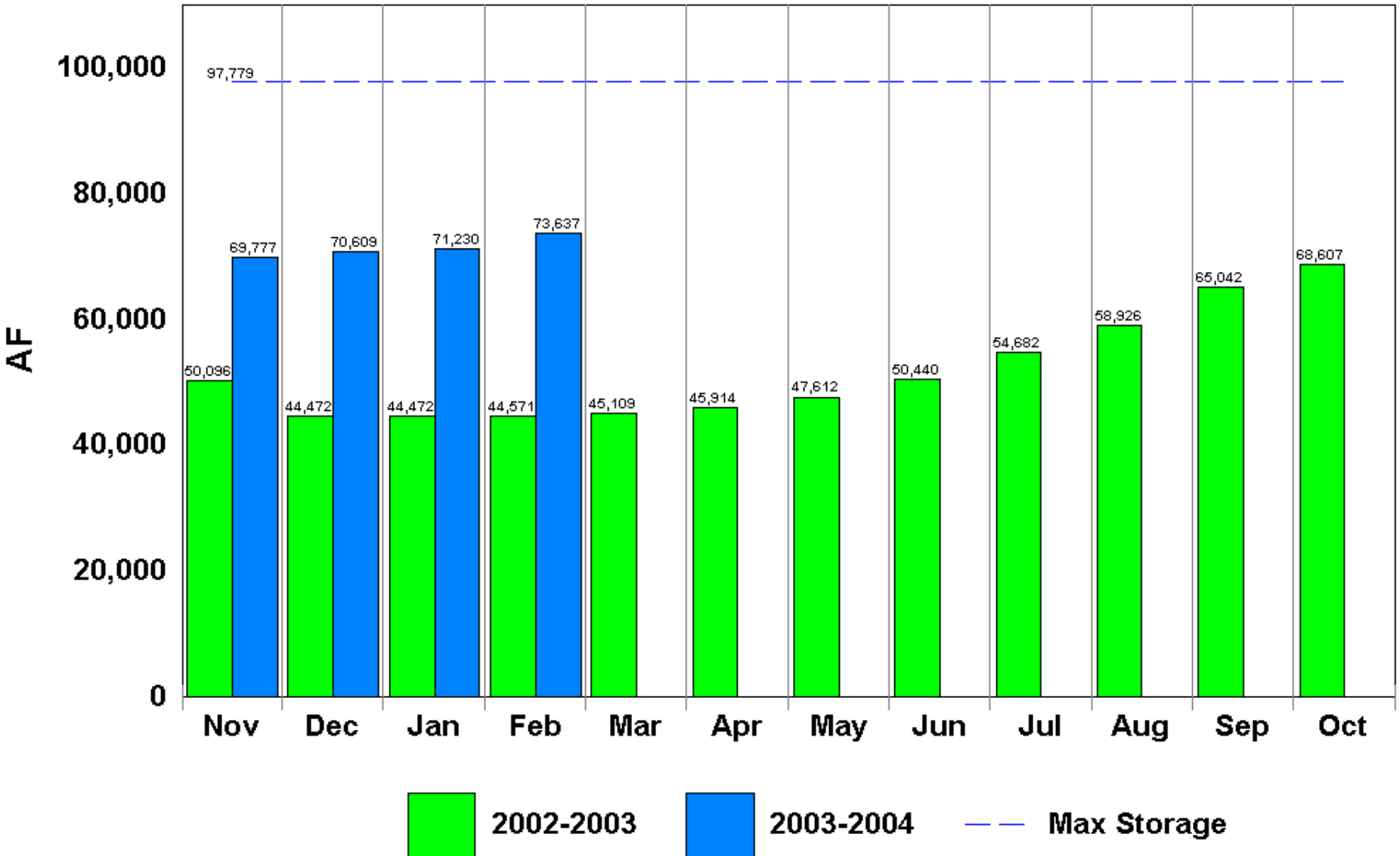
Spinney Mountain Reservoir

(Municipal)



Eleven Mile Reservoir

(Municipal)



Lake Granby

