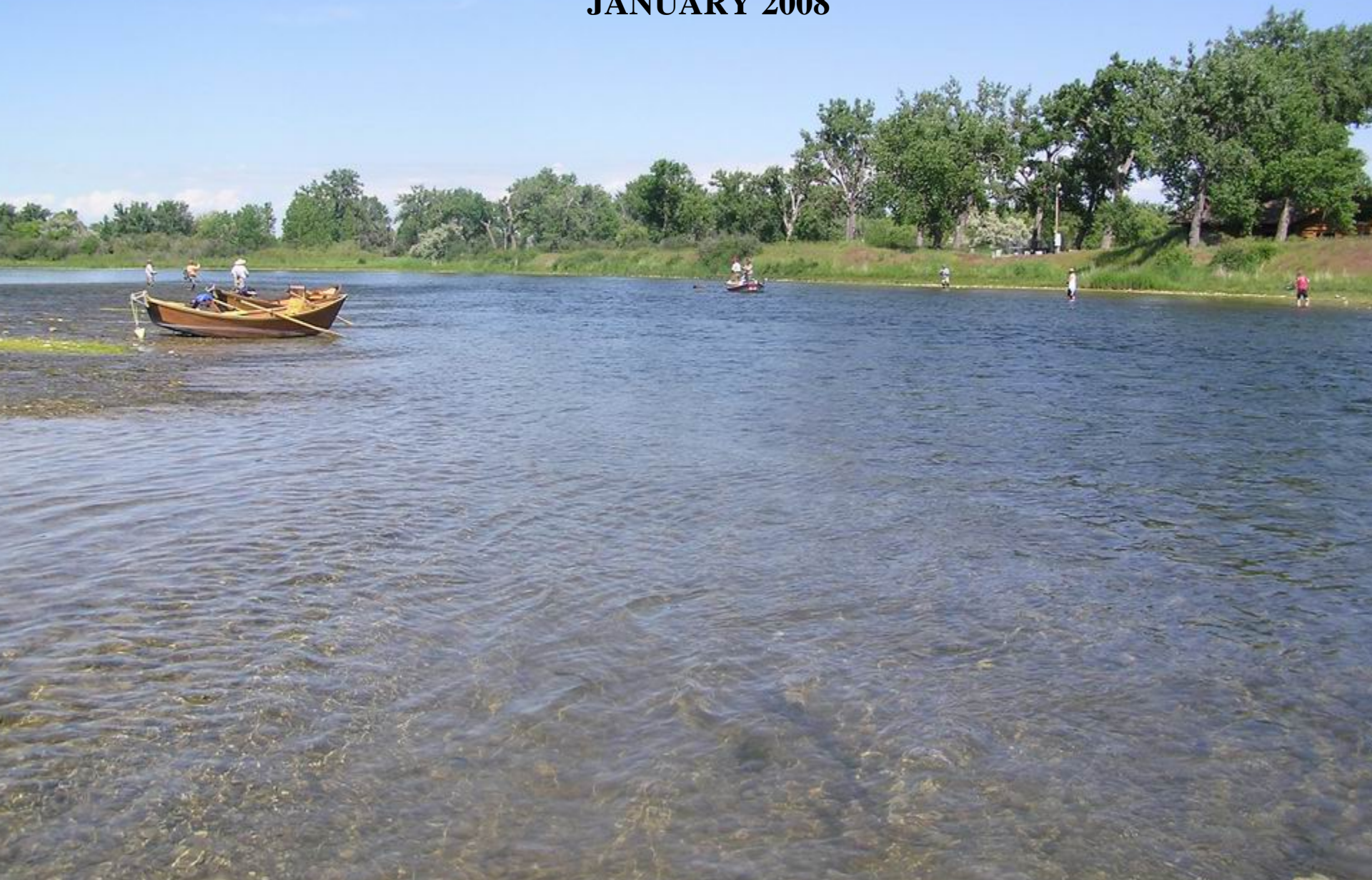


MT FWP PRESENTATION ON BIGHORN RIVER AND LAKE MANAGEMENT

LONG-TERM WORKING GROUP

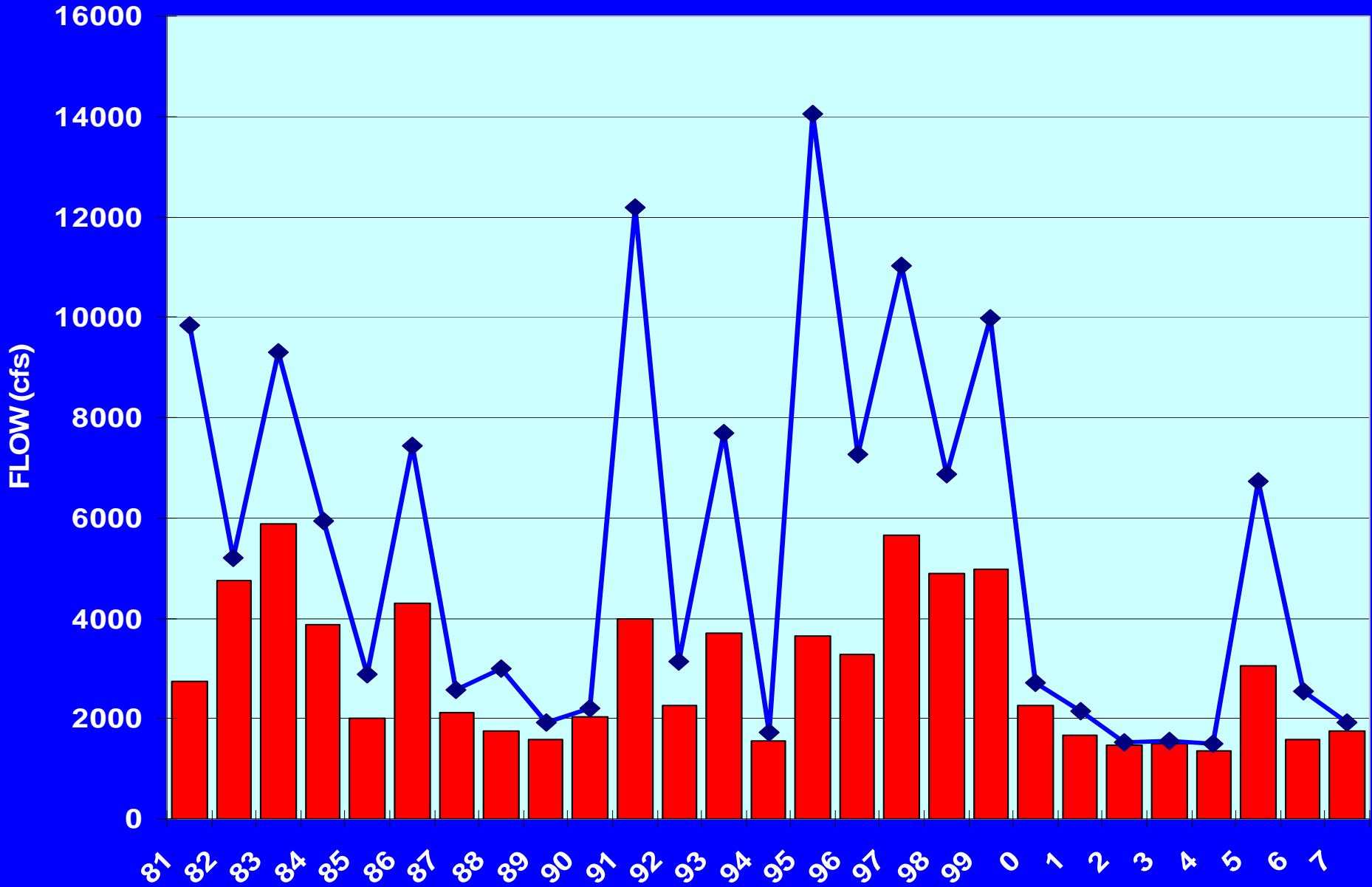
JANUARY 2008







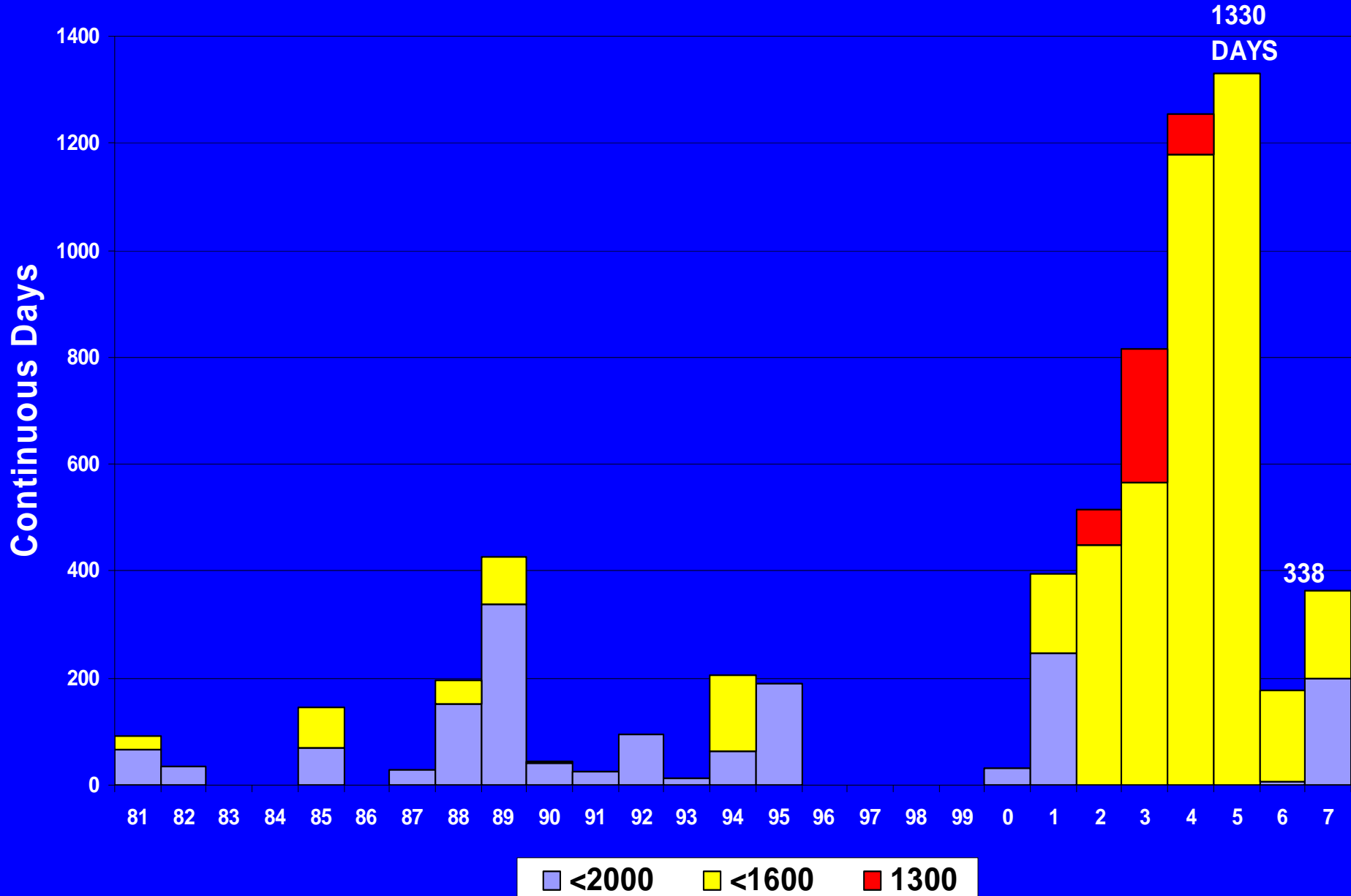
BIGHORN RIVER FLOWS



BIGHORN FLOW RECOMENDATIONS

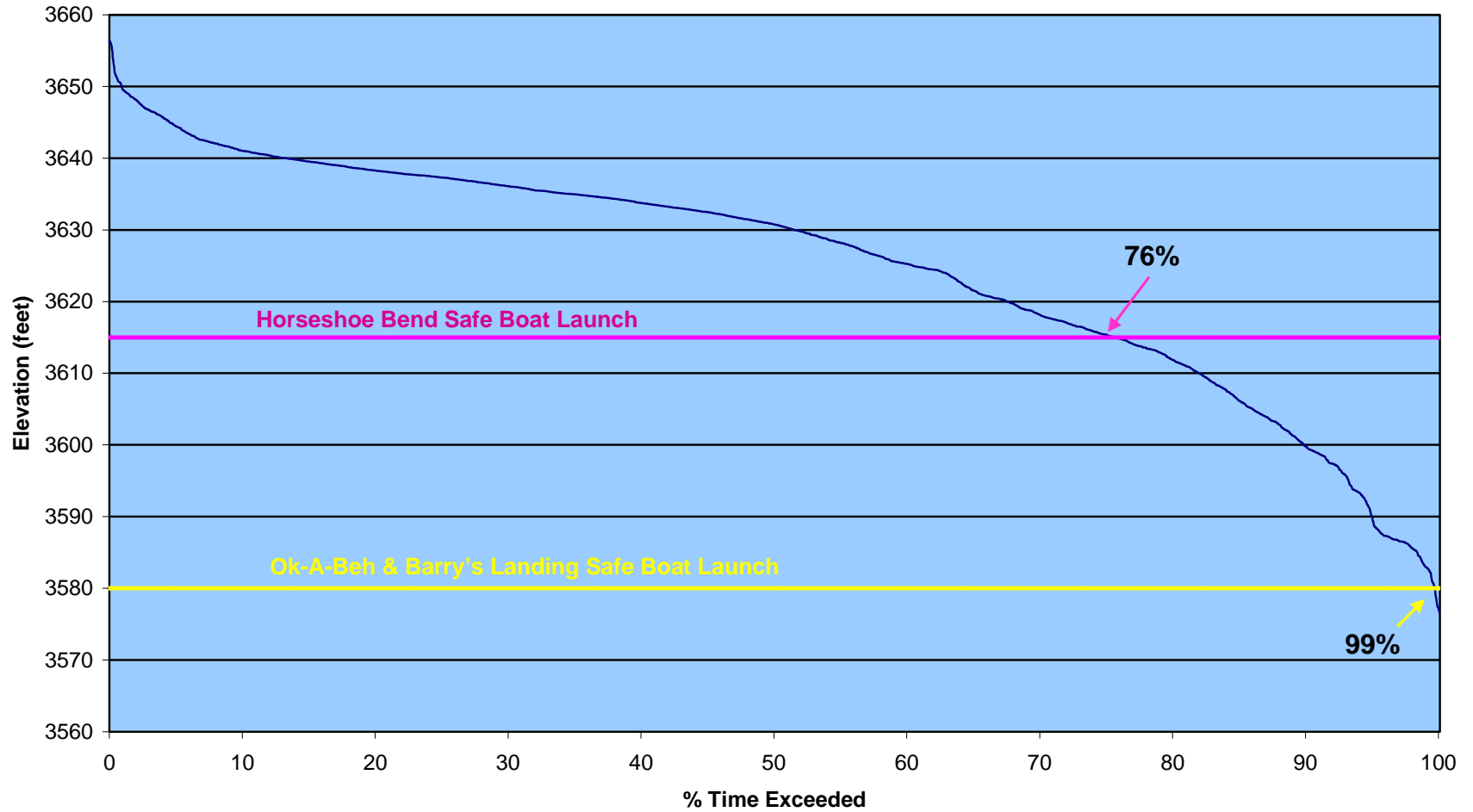
- Target Minimum Flow – **2,500 cfs**
- Preferred Min. Fisheries Flow – **2,000 cfs**
- Absolute Min. Fisheries Flow - **1,500 cfs**

BIGHORN DROUGHT FLOWS



Lake Level Duration Curve During Recreation Season

Bighorn Lake Elevation May 20-September 5 1967-2006



1,900 cfs
12/2007



1,500 cfs

7/2007



1,900 cfs
12/2007

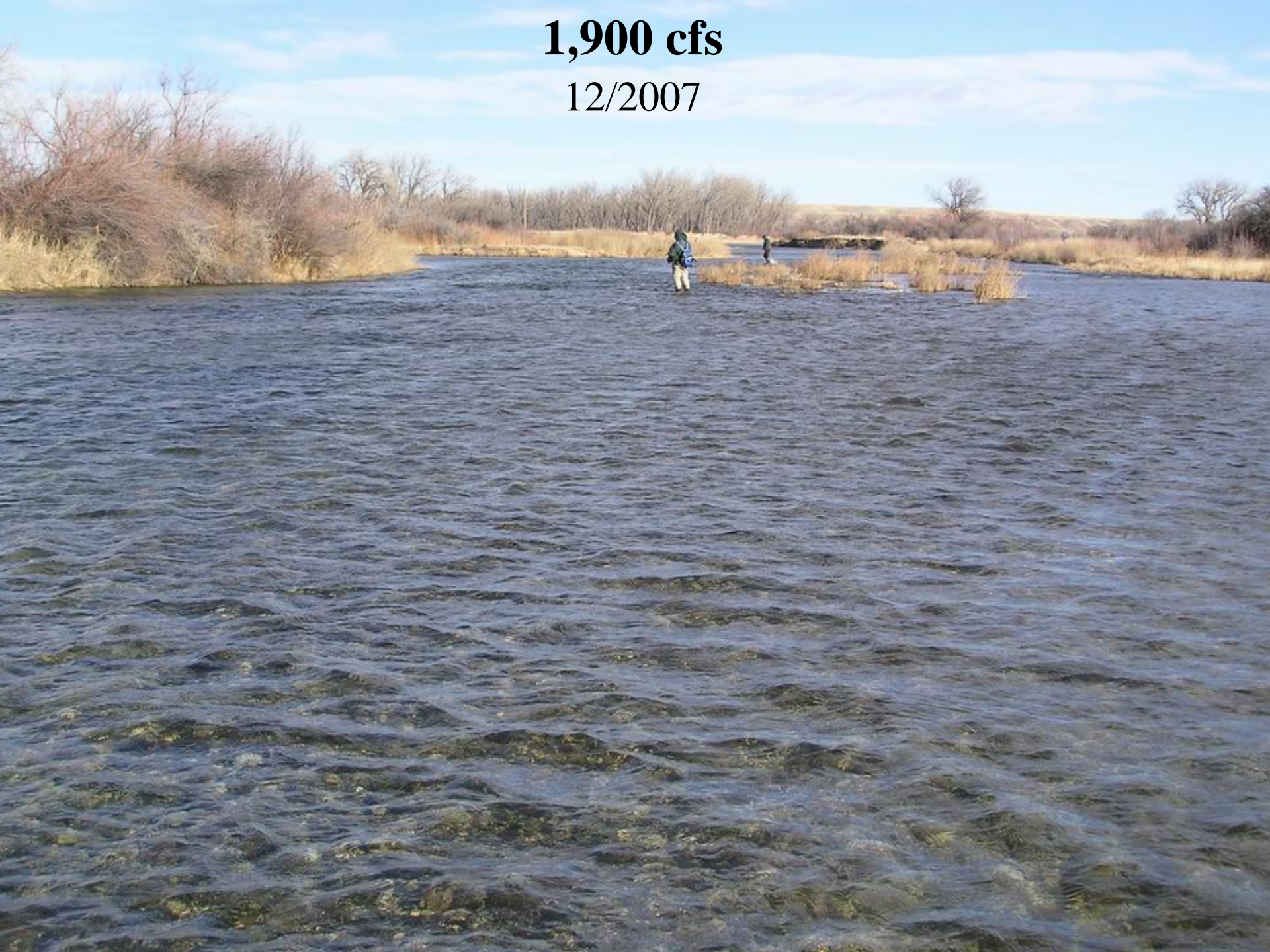


1,500 cfs

7/2007



1,900 cfs
12/2007



1,500 cfs

7/2007



1,900 cfs
12/2007



1,500 cfs

7/2007



1,900 cfs
12/2007



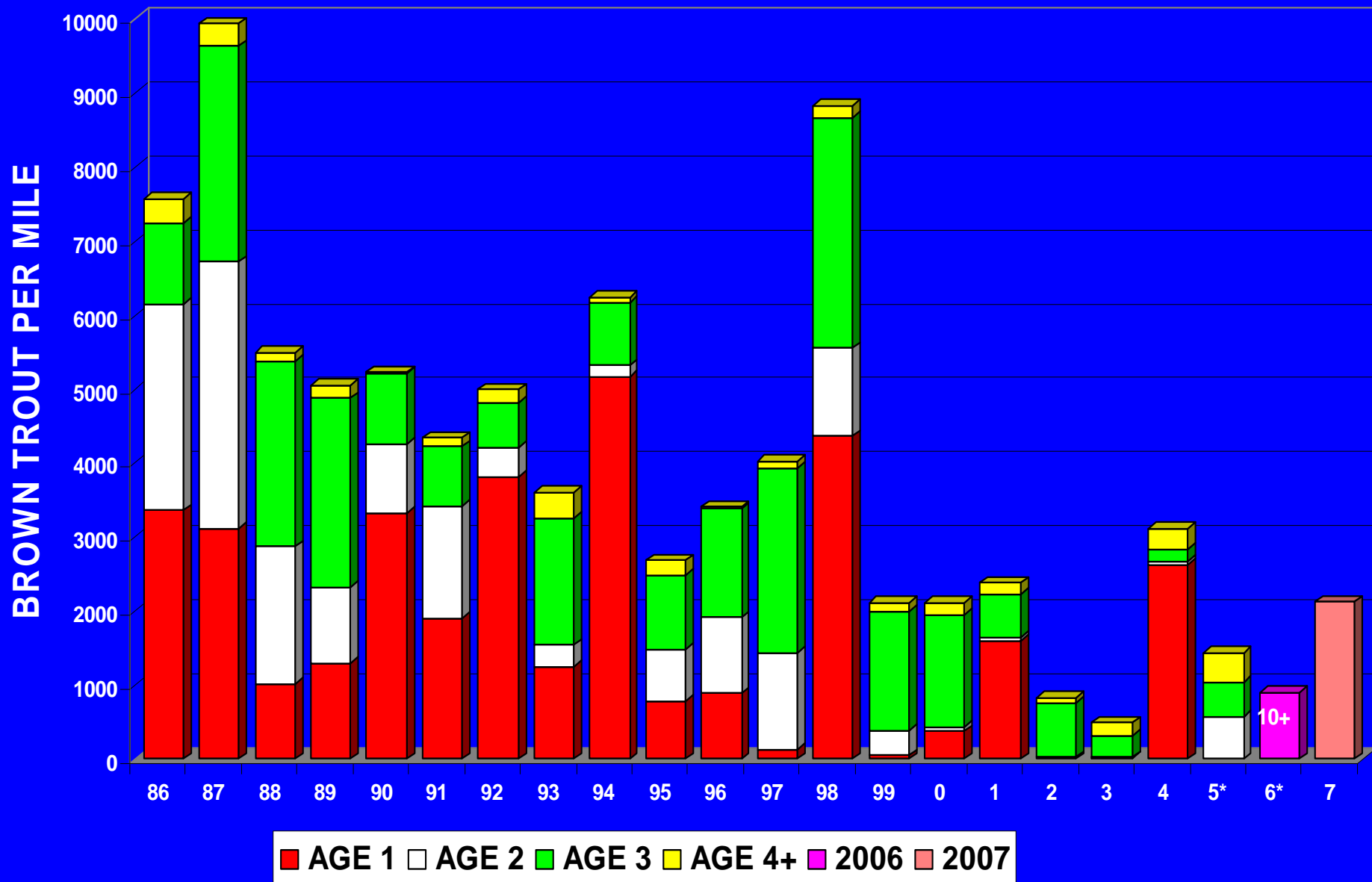
1,500 cfs

7/2007

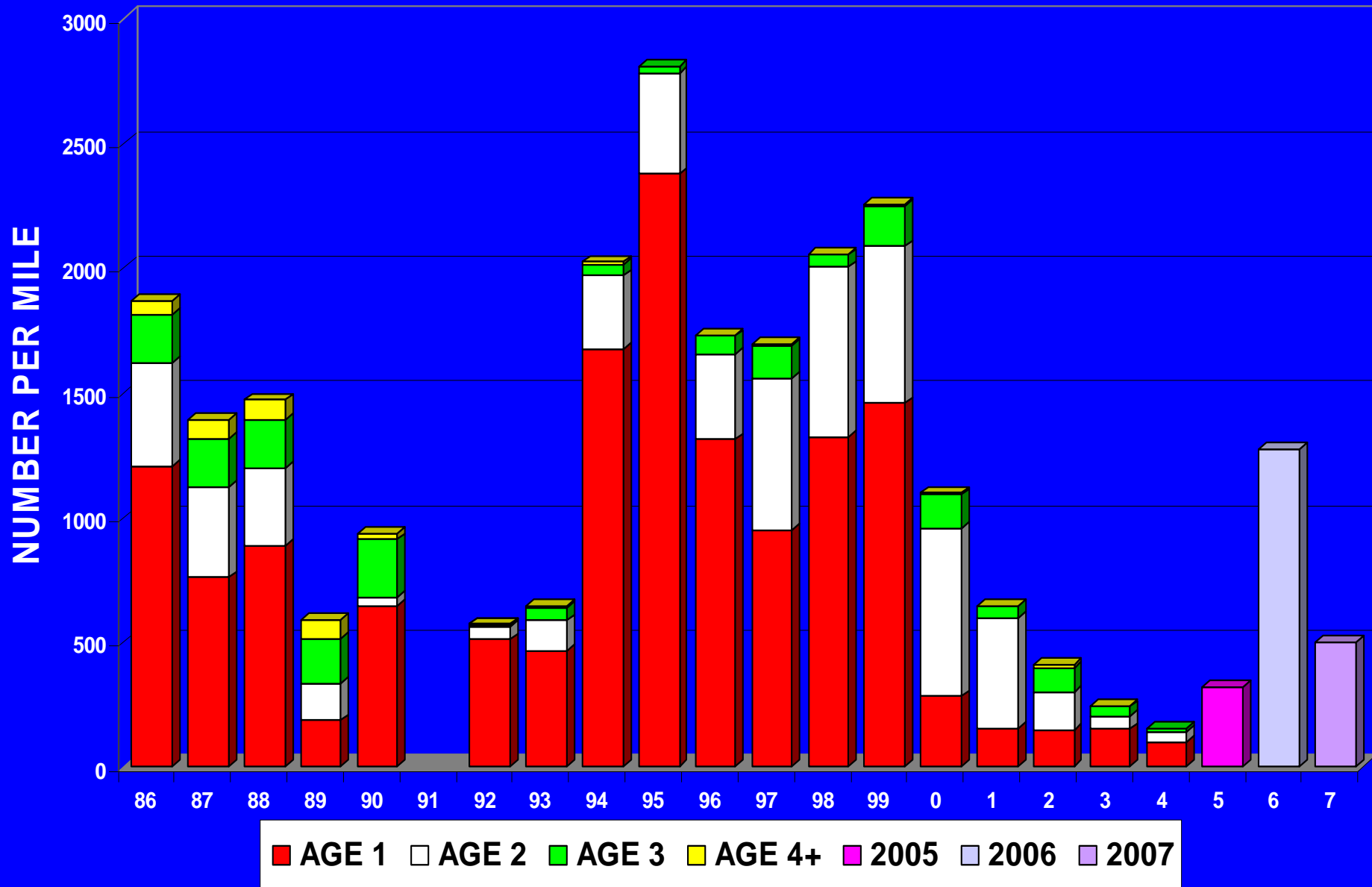




BROWN TROUT - UPPER SECTION

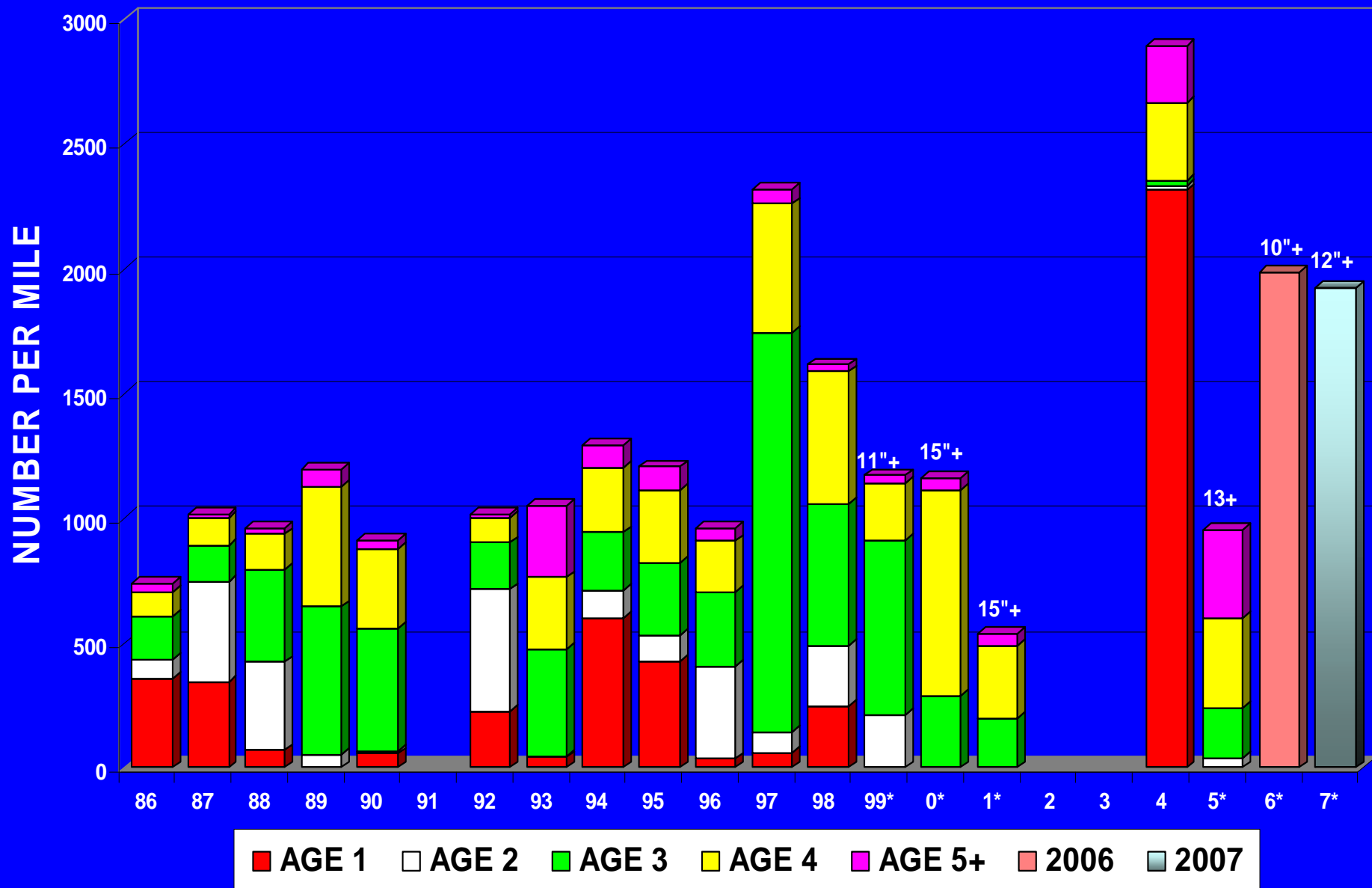


BROWN TROUT - LOWER SECTION





RAINBOW - UPPER SECTION

















FALL GILL NETTING

NUMBER PER NET	2000	2001	2002	2003	2004	2005	2006	2007
	Lower Reservoir							
WALLEYE	1.3	0.3	___	0.8	0.2	4.8	2.2	5.7
SAUGER	___	2.0	___	0.2	___	___	1.8	4.7
SMALLMOUTH BASS	1.3	___	___	0.2	0.3	4.0	2.0	3.5
CHANNEL CATFISH	1.8	0.2	___	0.2	0.8	0.6	1.2	0.2
BURBOT	0.2	___	___	___	___	0.2	0.2	0.7
BROWN TROUT	1.2	0.3	___	1.3	0.5	0.3	0.8	0.7
	Upper Reservoir							
WALLEYE		14.0	___	___	0.6	6.7	1.5	7.3
SAUGER		2.0	___	___	0.6	0.5	17.2	14.5
SMALLMOUTH BASS		1.0	___	___	0.1	1.2	0.5	3.5
CHANNEL CATFISH		1.8	___	___	0.8	7.8	2.2	5.7
BURBOT		0.2	___	___	___	___	0.3	0.5
BROWN TR		0.5	___	___	0.7	2.5	0.2	1.3





SPRING GILL NETTING

NUMBER PER NET	2000	2001	2002	2003	2004	2005	2006	2007
Lower Reservoir								
WALLEYE				1.5	1.8	1.0	2.2	3.3
SAUGER				0.2	—	—	0.3	2.3
SMALLMOUTH BASS				0.2	—	0.2	2.0	—
CHANNEL CATFISH				0.5	—	—	0.3	1.5
BURBOT				0.2	0.2	—	—	1.2
BROWN TROUT				0.6	—	1.0	0.5	1.7
Upper Reservoir								
WALLEYE				0.8	1.3	0.2	0.2	1.5
SAUGER				—	—	—	6.2	17.0
SMALLMOUTH BASS				0.2	0.5	—	—	—
CHANNEL CATFISH				0.5	—	—	6.3	5.5
BURBOT				—	—	0.3	1.5	0.8
BROWN TR				—	—	—	0.5	1.2

