



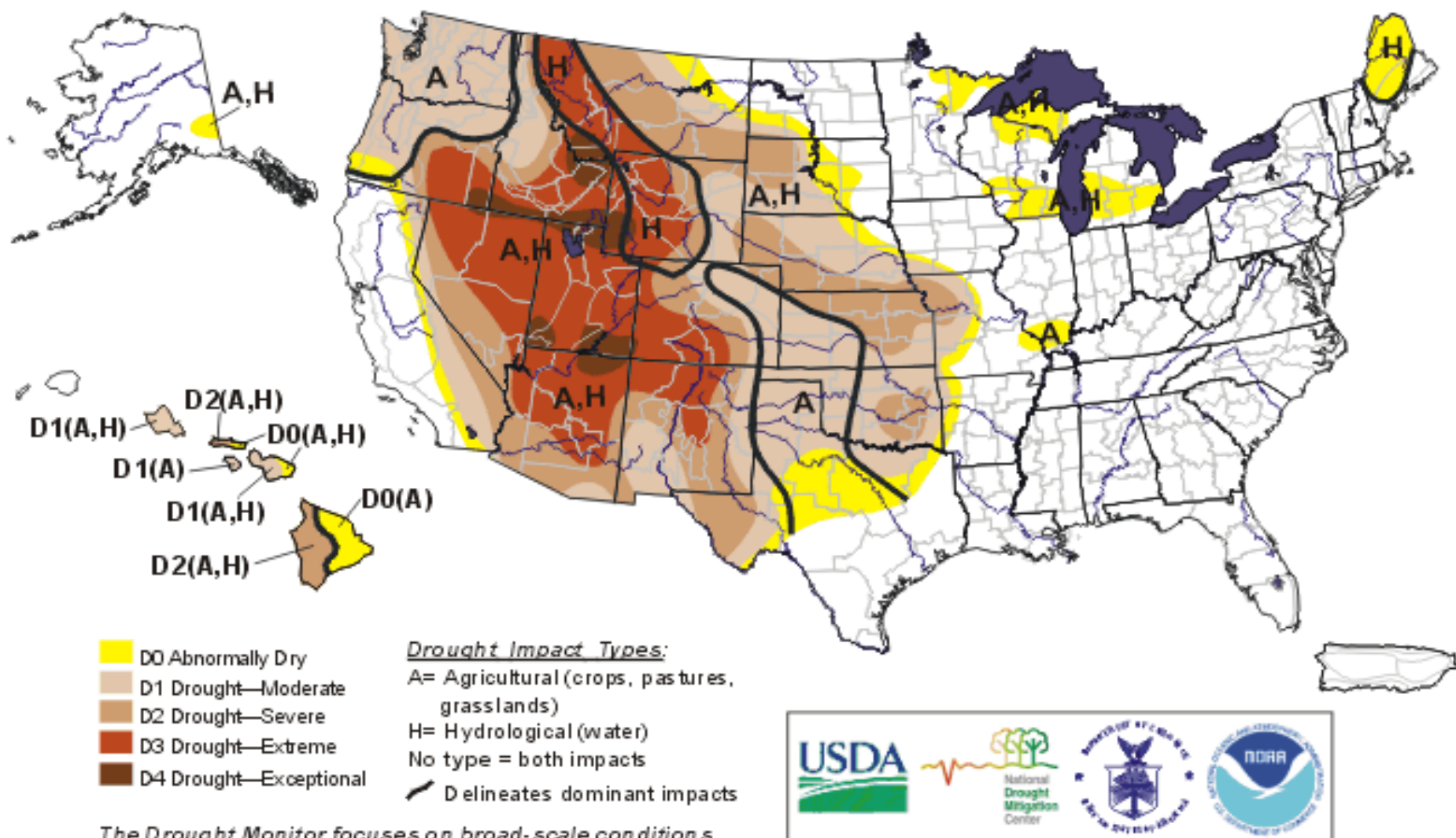
Upper Colorado River Basin Hydrology Glen Canyon Dam Operations

Glen Canyon Dam
Adaptive Management Work Group
Phoenix, Arizona
August 14, 2003

U.S. Drought Monitor

July 29, 2003

Valid 8 a.m. EDT



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

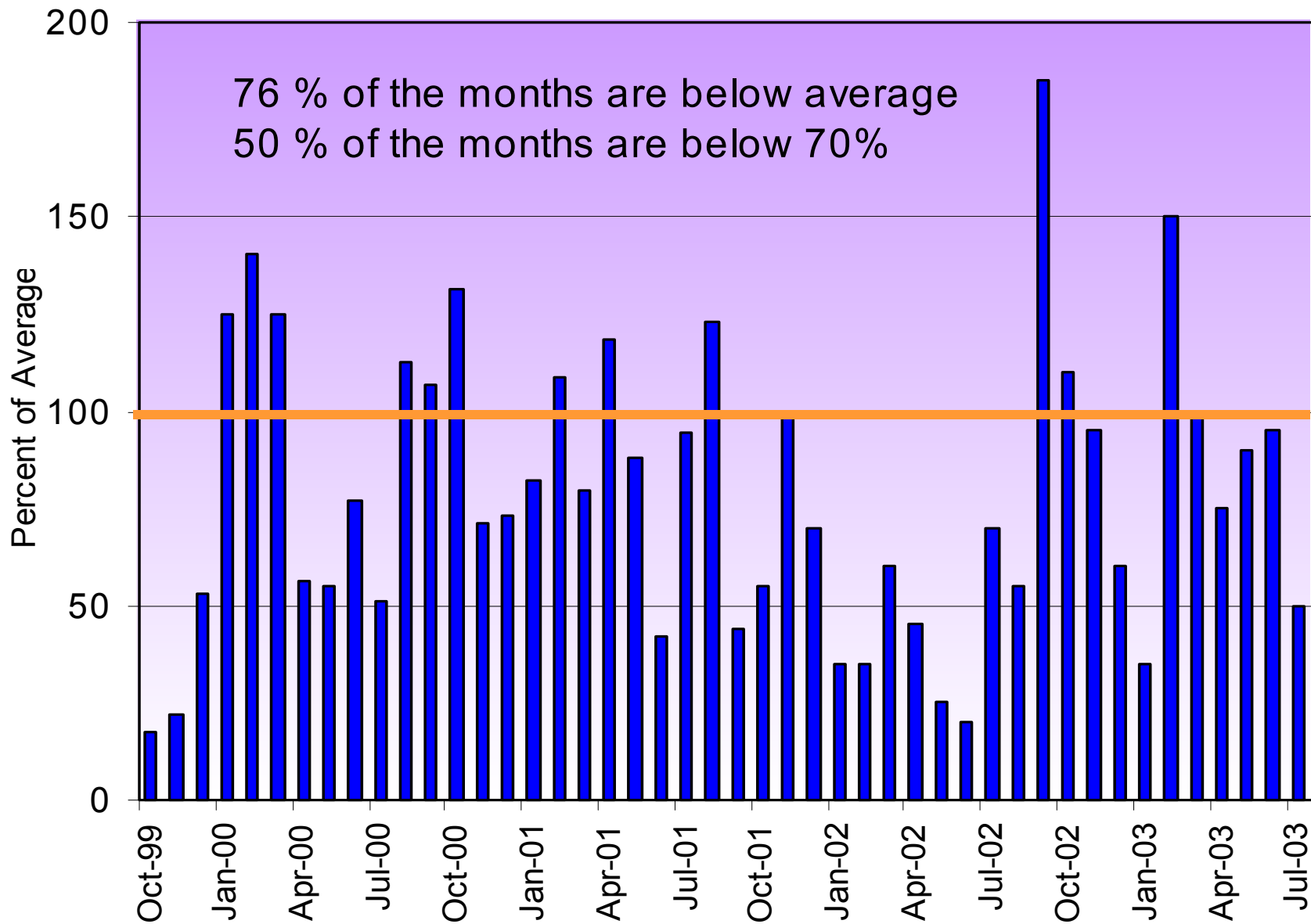
<http://drought.unl.edu/dm>



Released Thursday, July 31, 2003

Authors: David Miskus, NOAA/CPC/JAWF
and Brad Rippey, USDA/JAWF

Upper Colorado River Basin Precipitation October 1999- July 2003



Droughts - Colorado River

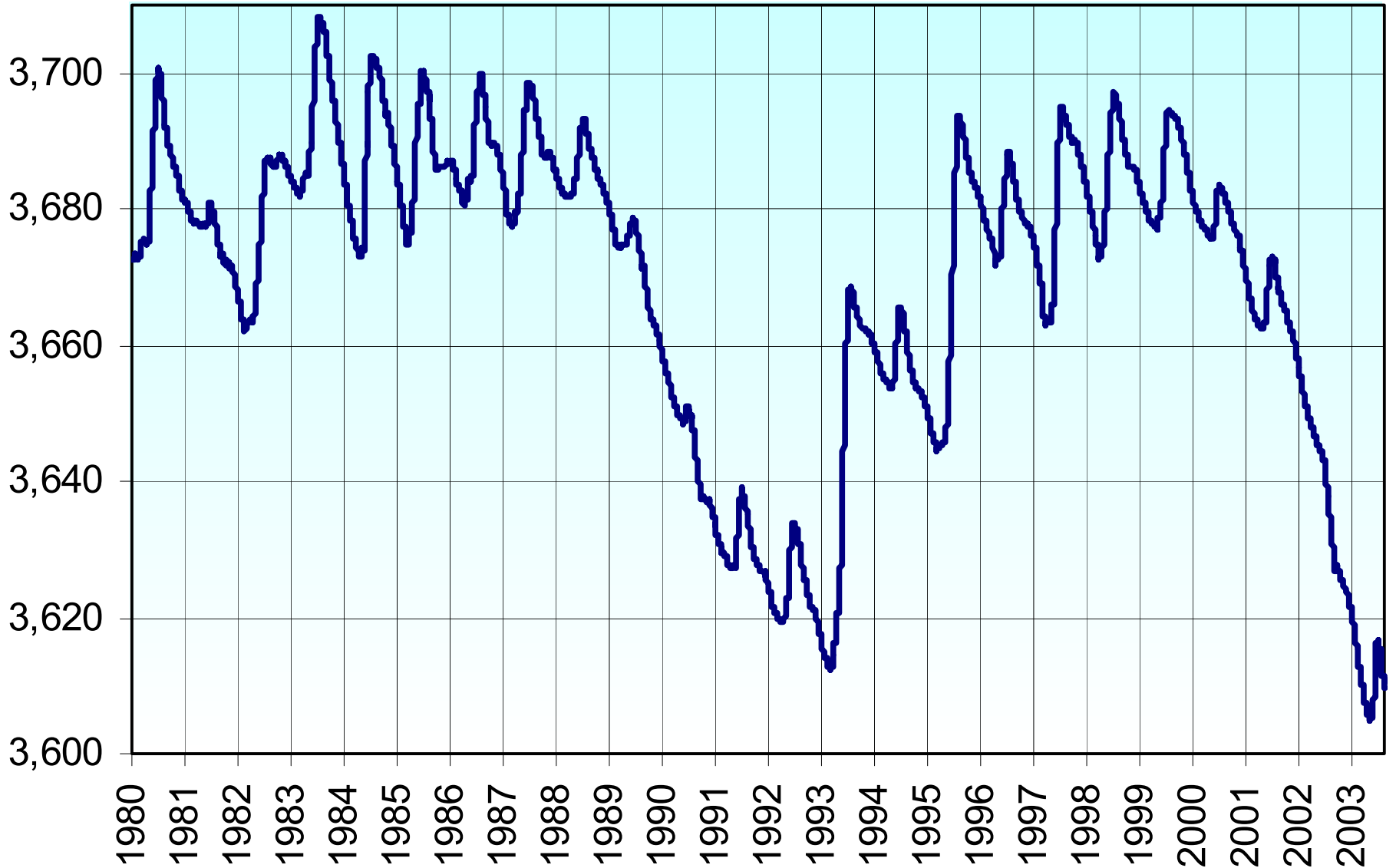
Natural Flow

(Average Natural Flow 15.0 maf)

<u>Years</u>	<u>Duration</u>	<u>Average Flow</u>
• 1931-1935	5 years	11.4 maf
• 1953-1956	4 years	10.2 maf
• 1959-1964	6 years	11.4 maf
• 1988-1992	5 years	10.5 maf
• 2000-2003*	4 years	10.5 maf

* Estimated

Lake Powell Water Surface Elevations 1980 through Present



Four Years of Drought

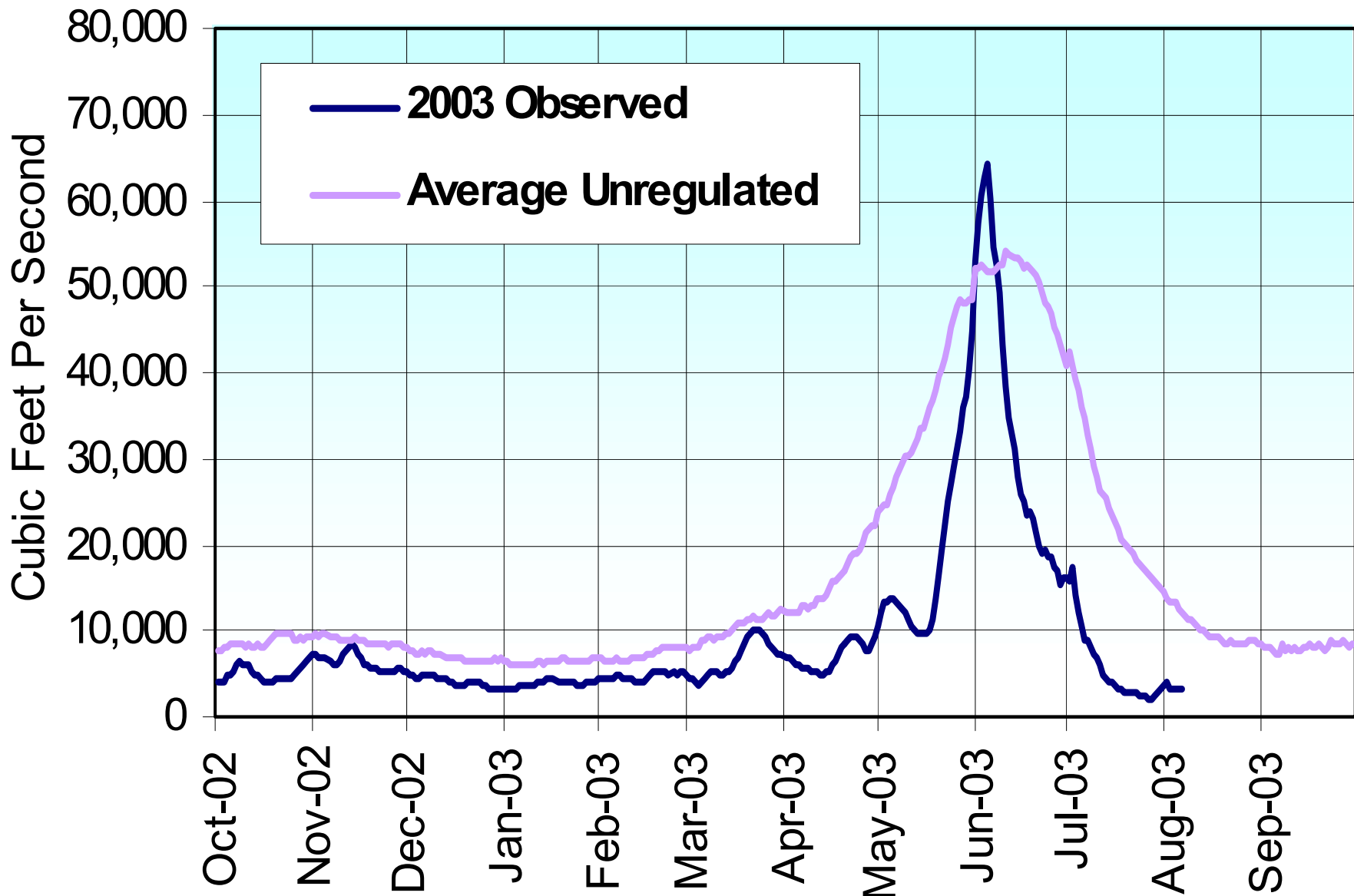
Lake Powell Unregulated Inflow 2000-2003

- WY 2000 62 percent of average
- WY 2001 59 percent of average
- WY 2002 25 percent of average
- WY 2003 52 percent of average*

* Estimated

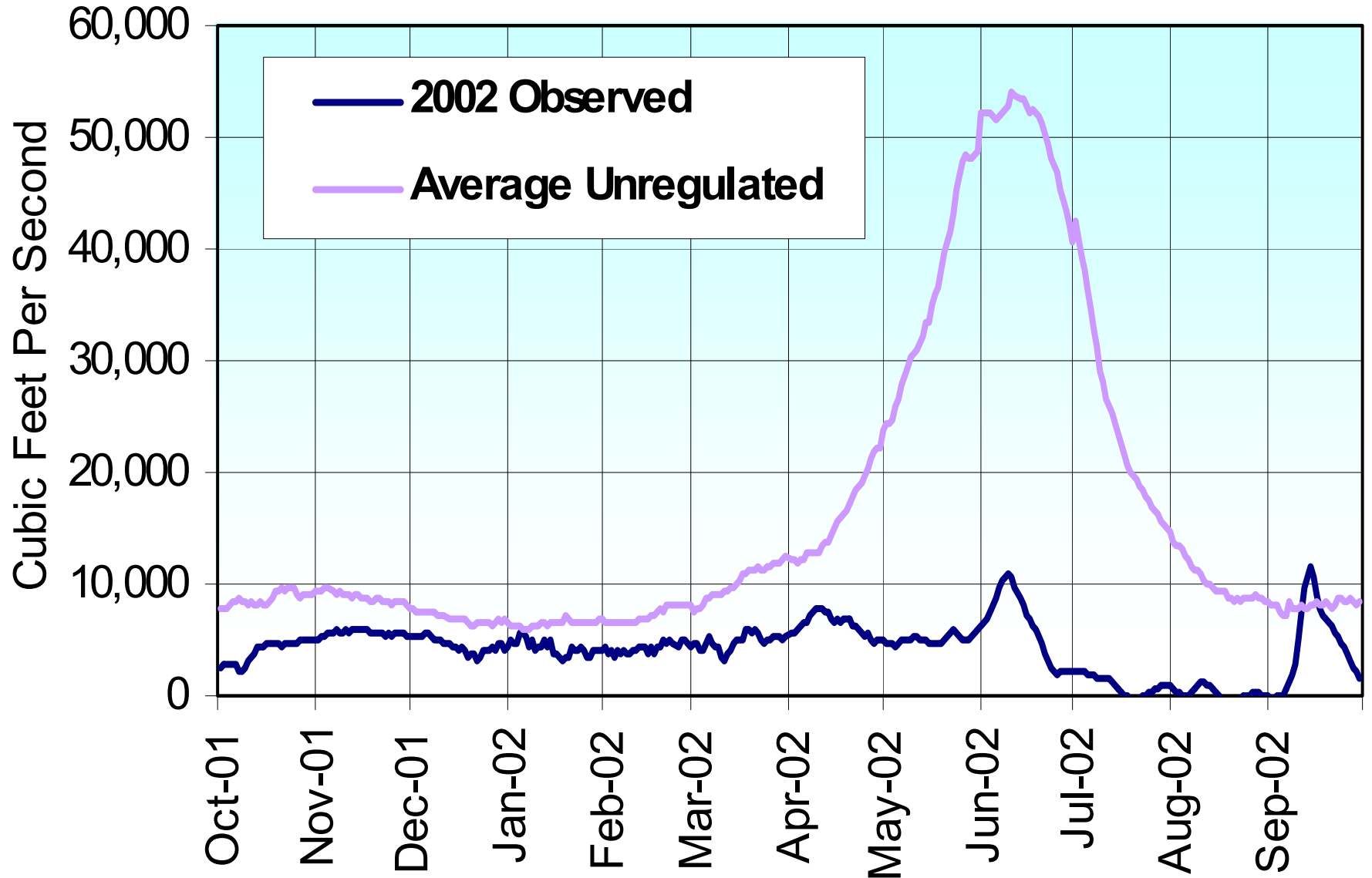
Lake Powell Unregulated Inflow

Water year 2003



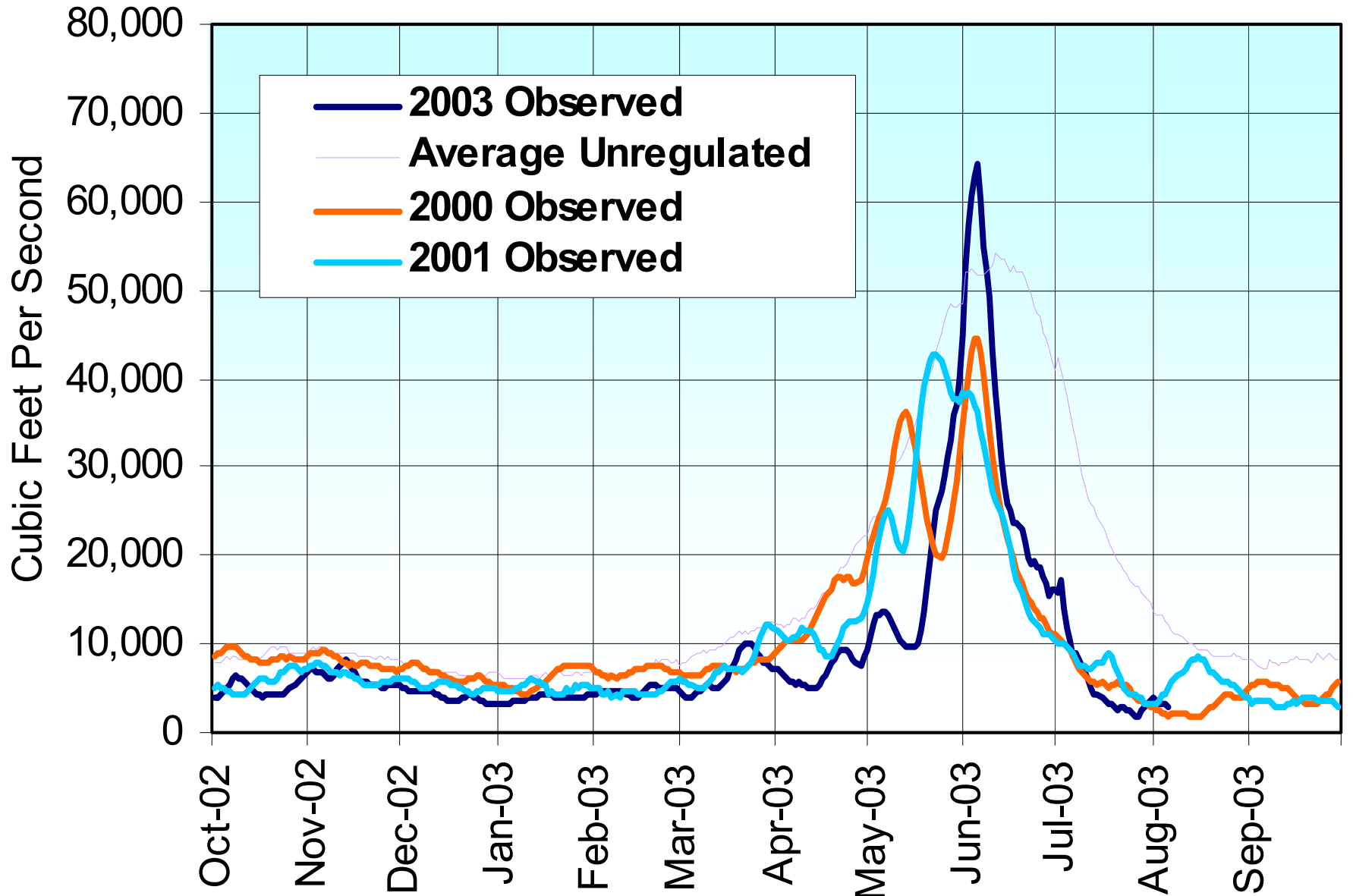
Lake Powell Unregulated Inflow

Water year 2002

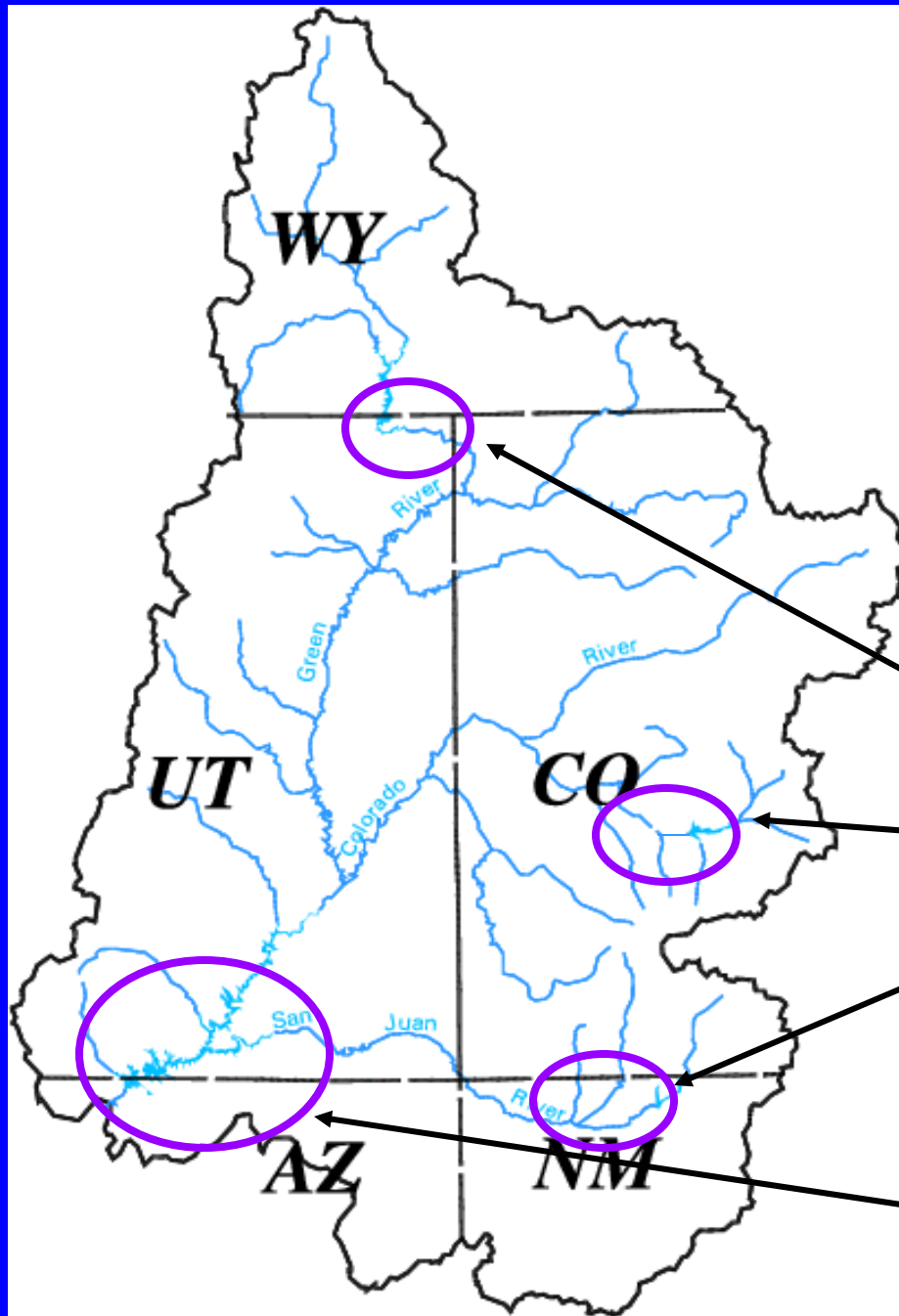


Lake Powell Unregulated Inflow

Water years 2000, 2001, 2003



2003 Upper Colorado Apr–Jul Inflow



Flaming Gorge – 40 %

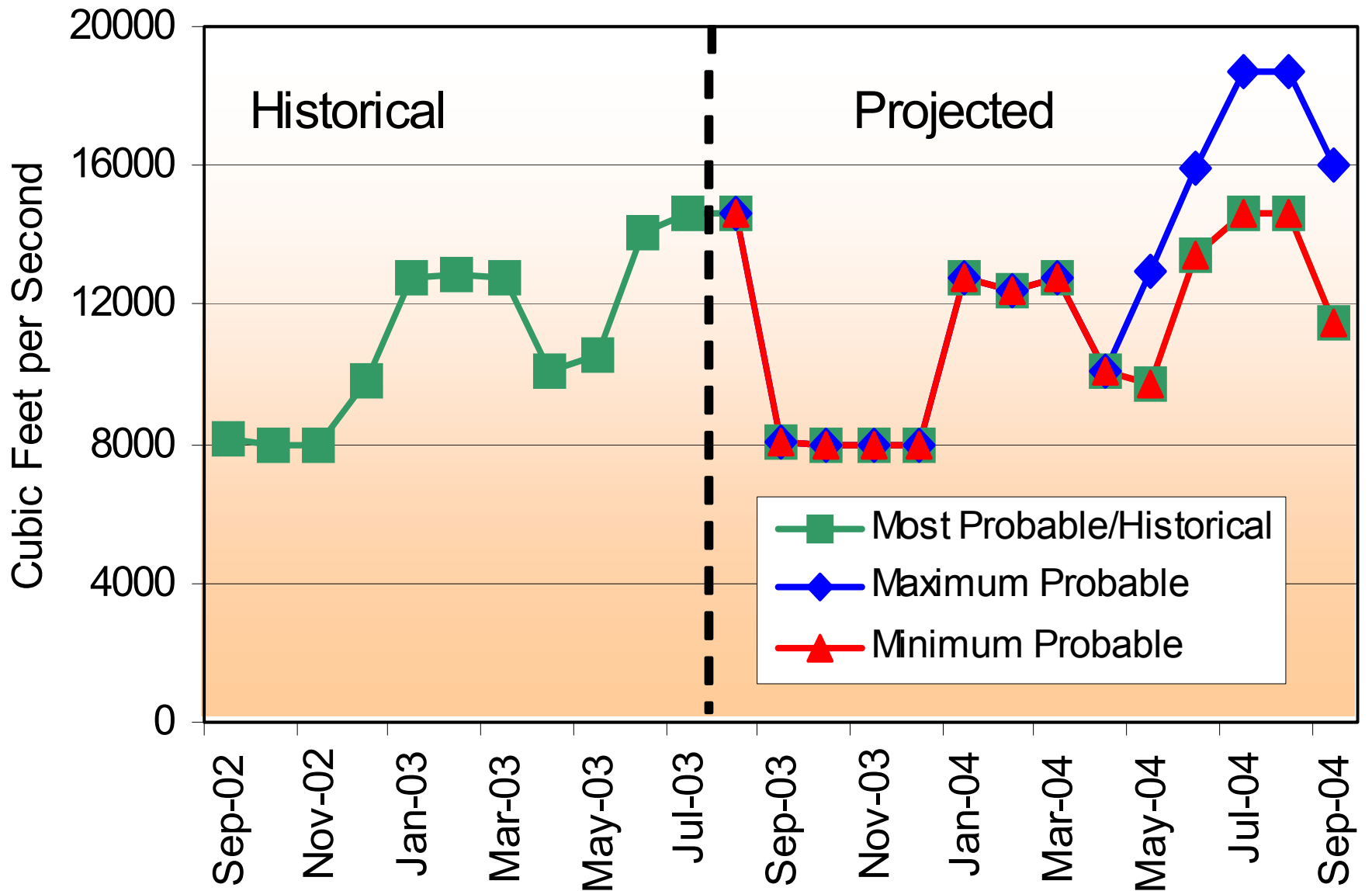
Blue Mesa – 60 %

Navajo – 39 %

Lake Powell – 49 %

Lake Powell Releases

Based on August, 2003 Inflow Projections



Lake Powell Water Surface Elevations Based on August, 2003 Inflow Projections

