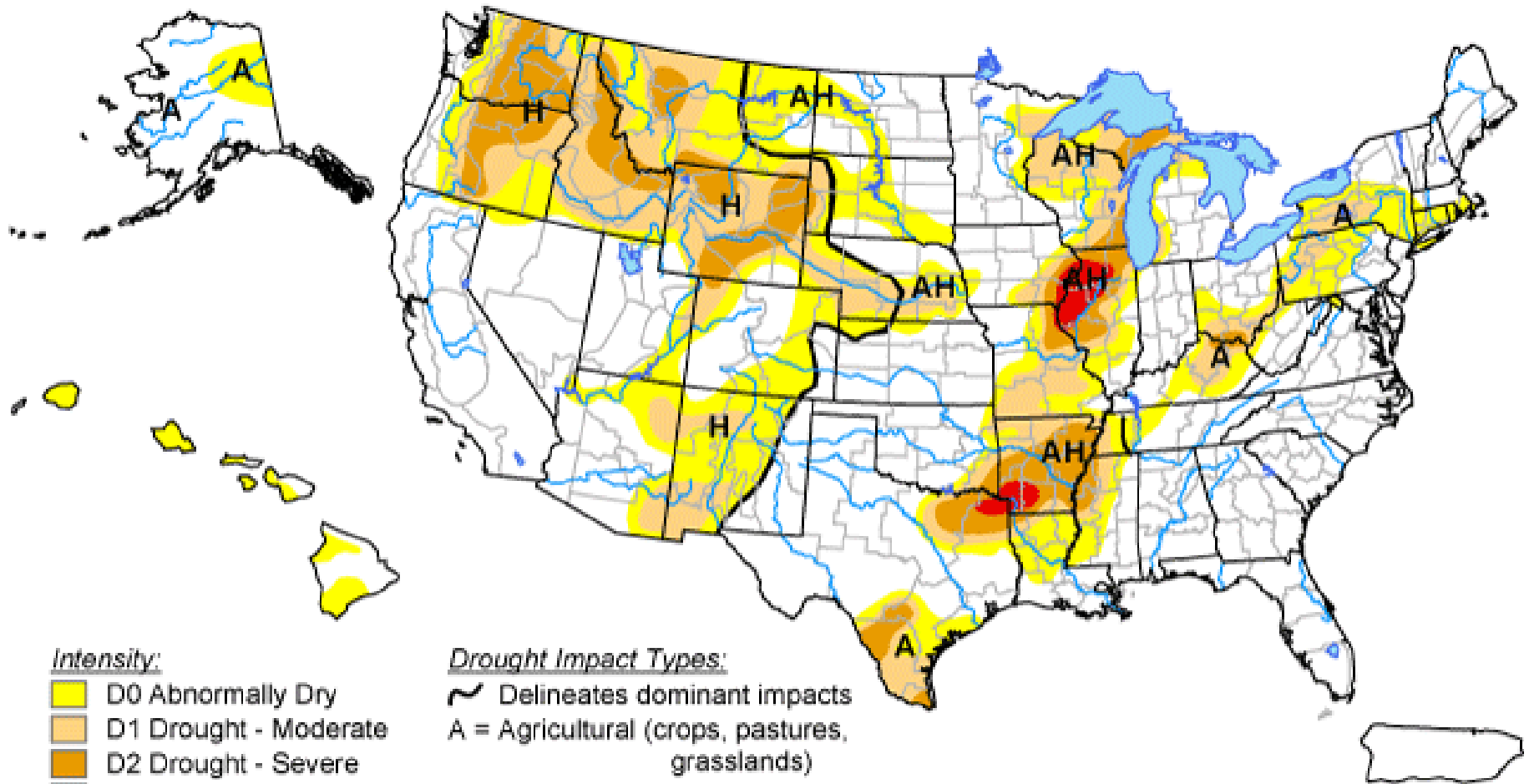


Upper Basin Hydrology And Operations

**Adaptive Management Work Group Meeting
August 31, 2005
Phoenix, Arizona**

U.S. Drought Monitor

August 23, 2005
Valid 8 a.m. EDT



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
- H = Hydrological (water)
- (No type = Both impacts)

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

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

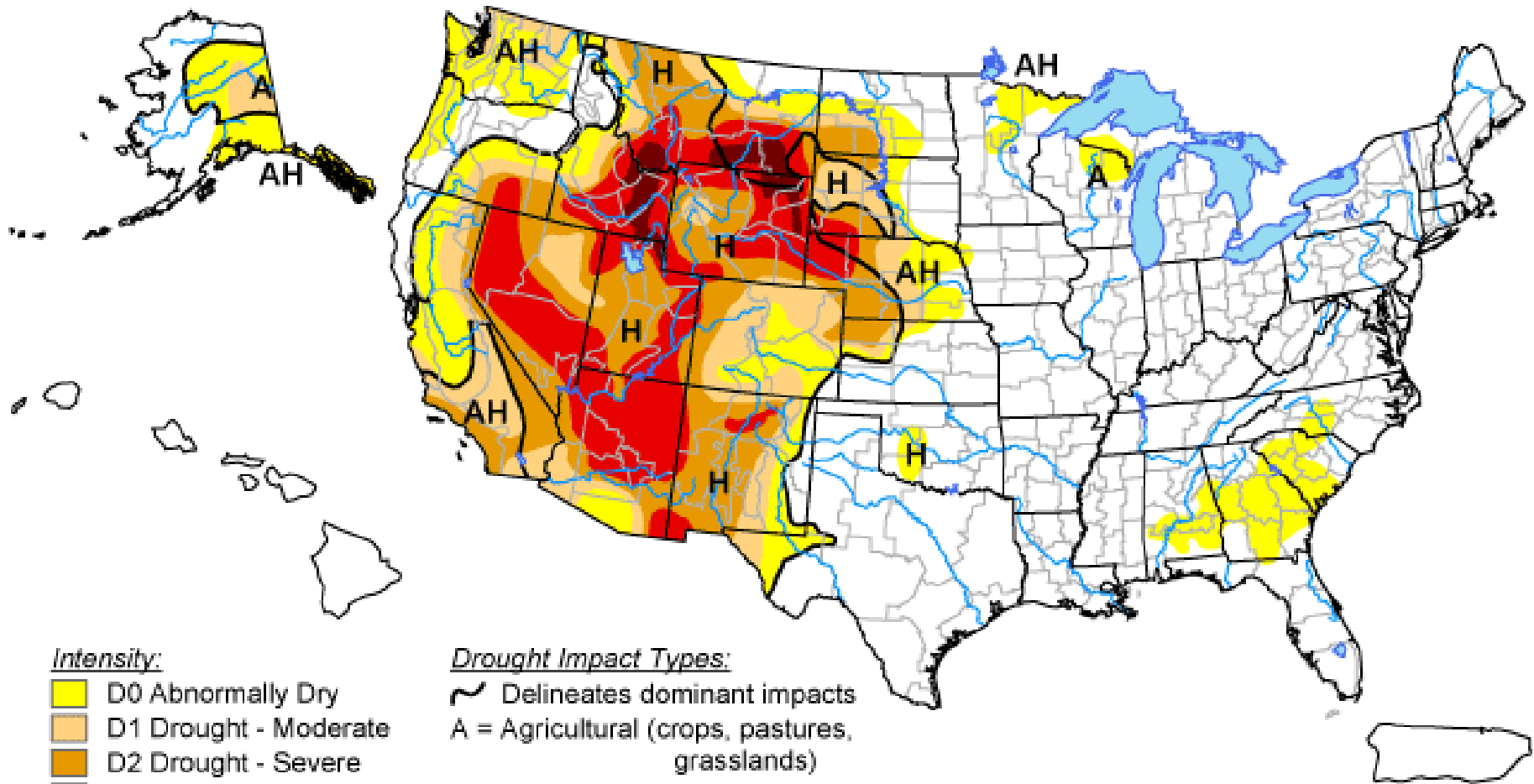


Released Thursday, August 25, 2005

Author: David Miskus, JAWF/CPC/NOAA

U.S. Drought Monitor

August 10, 2004
Valid 8 a.m. EDT



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

Drought Impact Types:

- Delineates dominant impacts
- A = Agricultural (crops, pastures, grasslands)
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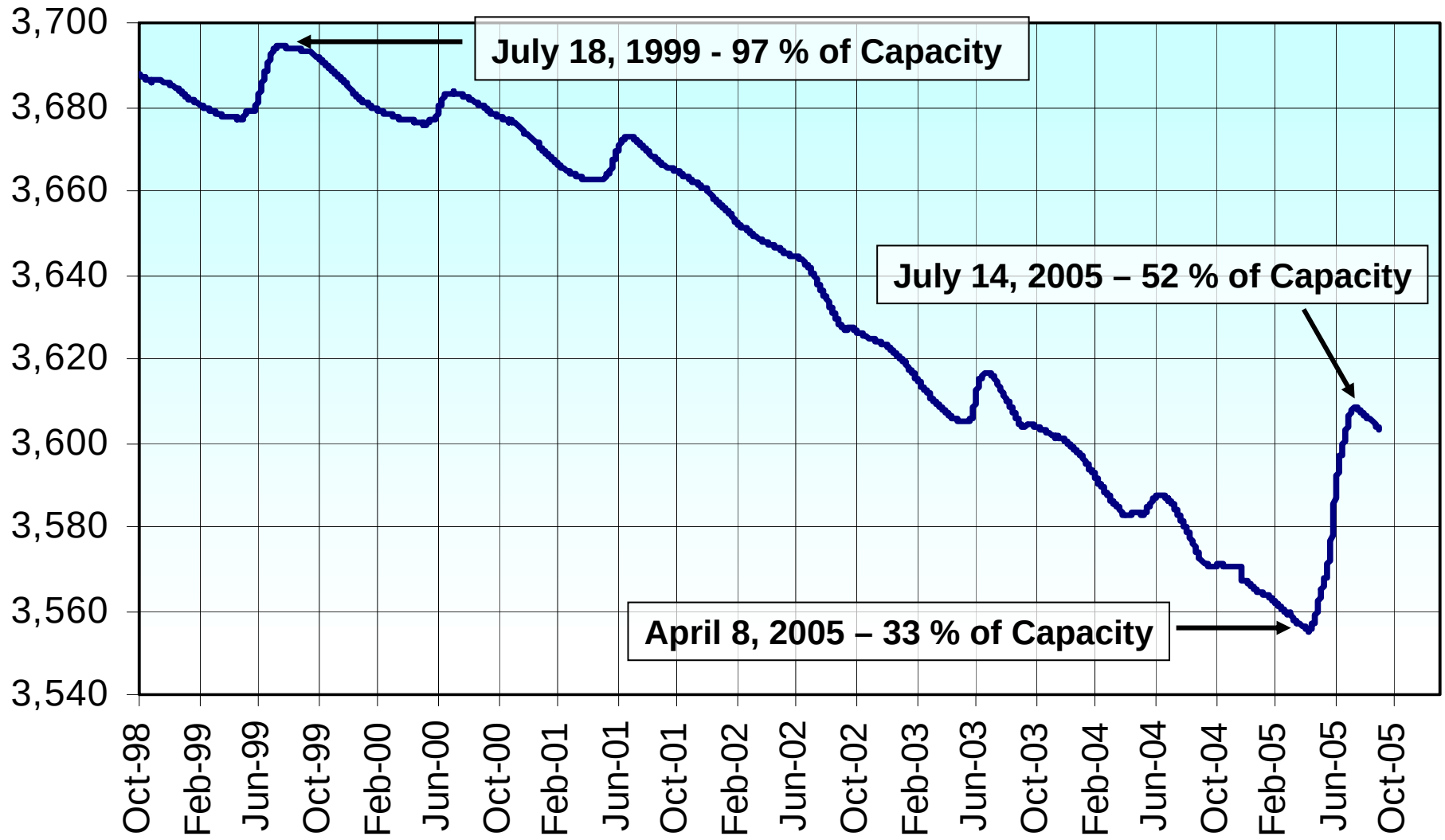
<http://drought.unl.edu/dm>



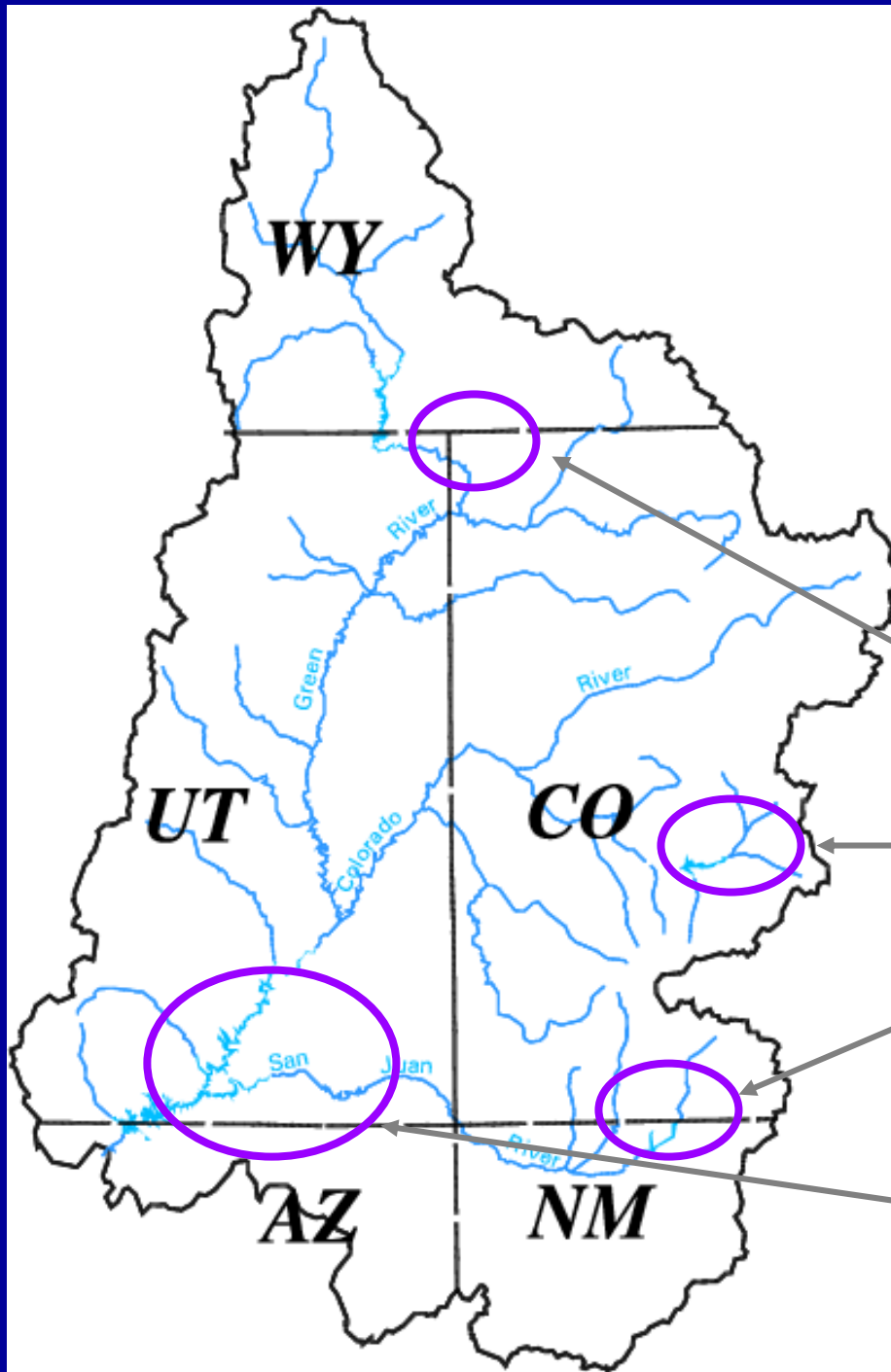
Released Thursday, August 12, 2004
Author: Rich Tinker, CPC/NCEP/NWS/NOAA

Lake Powell Water Surface Elevations

October 1998 through December 31, 2005



**2005
April–July
Unregulated
Inflow**



Flaming Gorge – 93 %

Blue Mesa – 82 %

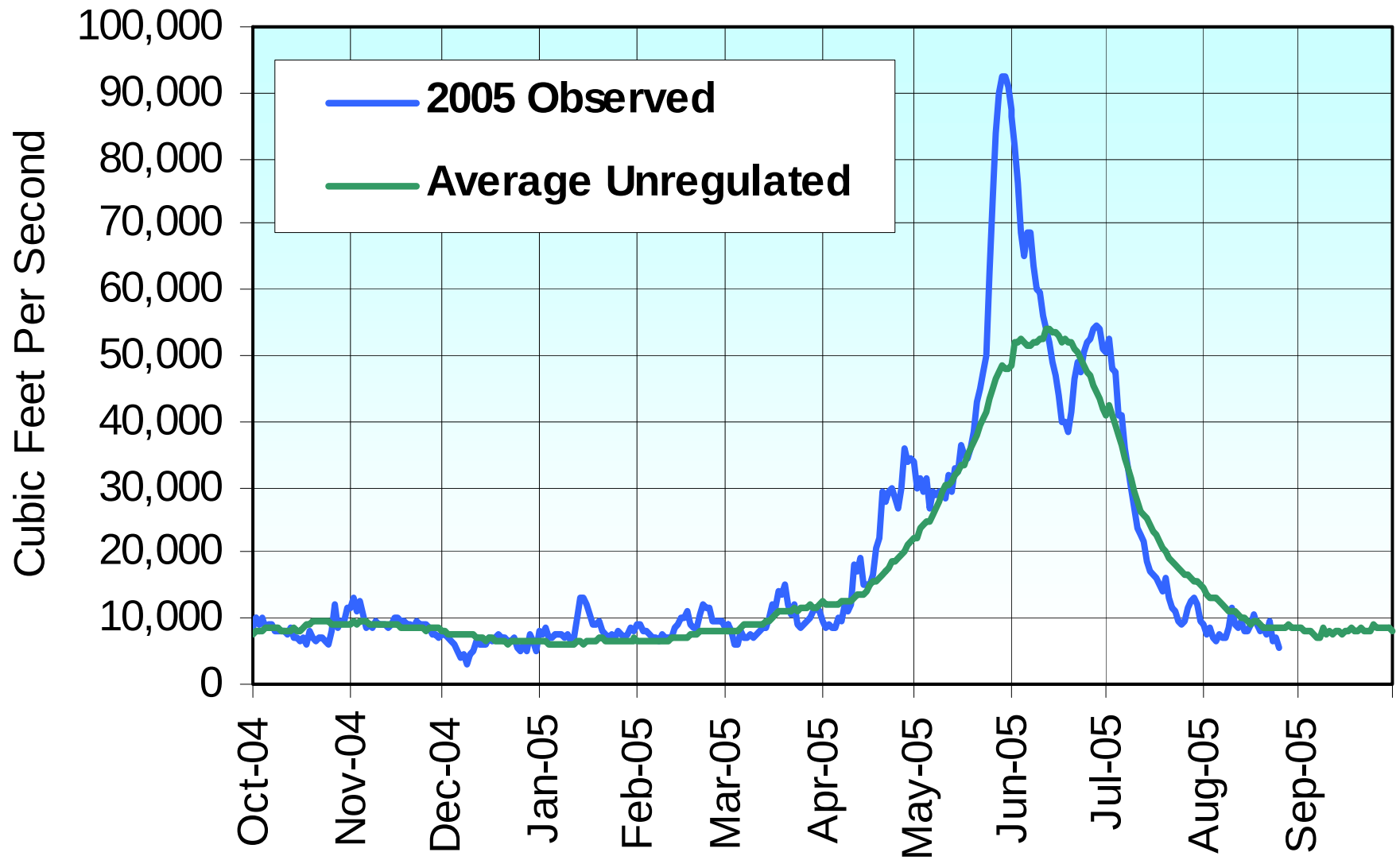
Navajo – 148 %

Lake Powell – 111 %

RECLAMATION

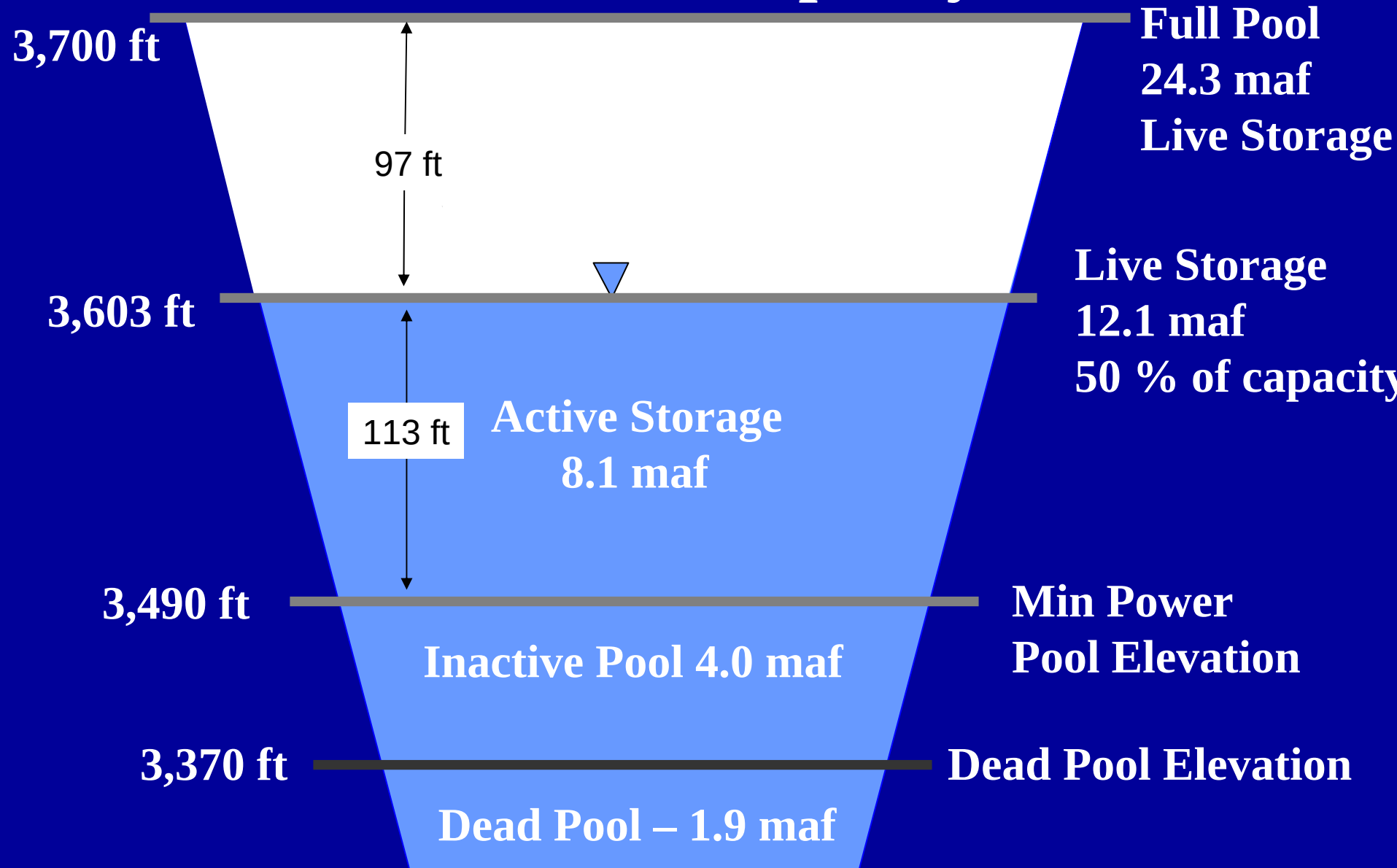
Lake Powell Unregulated Inflow

Water year 2005



RECLAMATION

Lake Powell Capacity



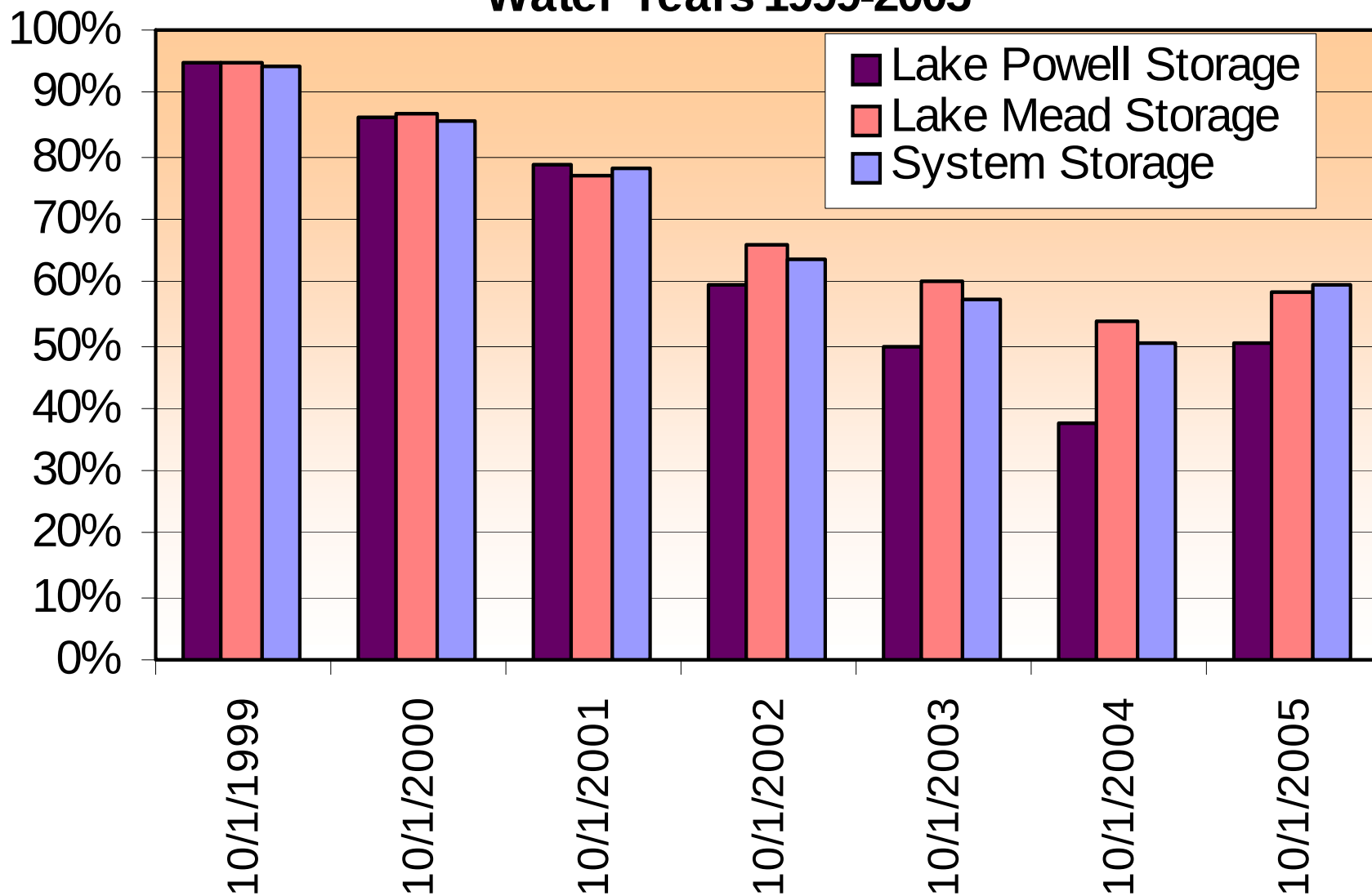
Not to scale

August 30, 2005

RECLAMATION

Powell, Mead and System Storage

Water Years 1999-2005



October 1, 2005 storage is projected

RECLAMATION

Annual Operating Plan

Lake Powell Inflow Scenarios

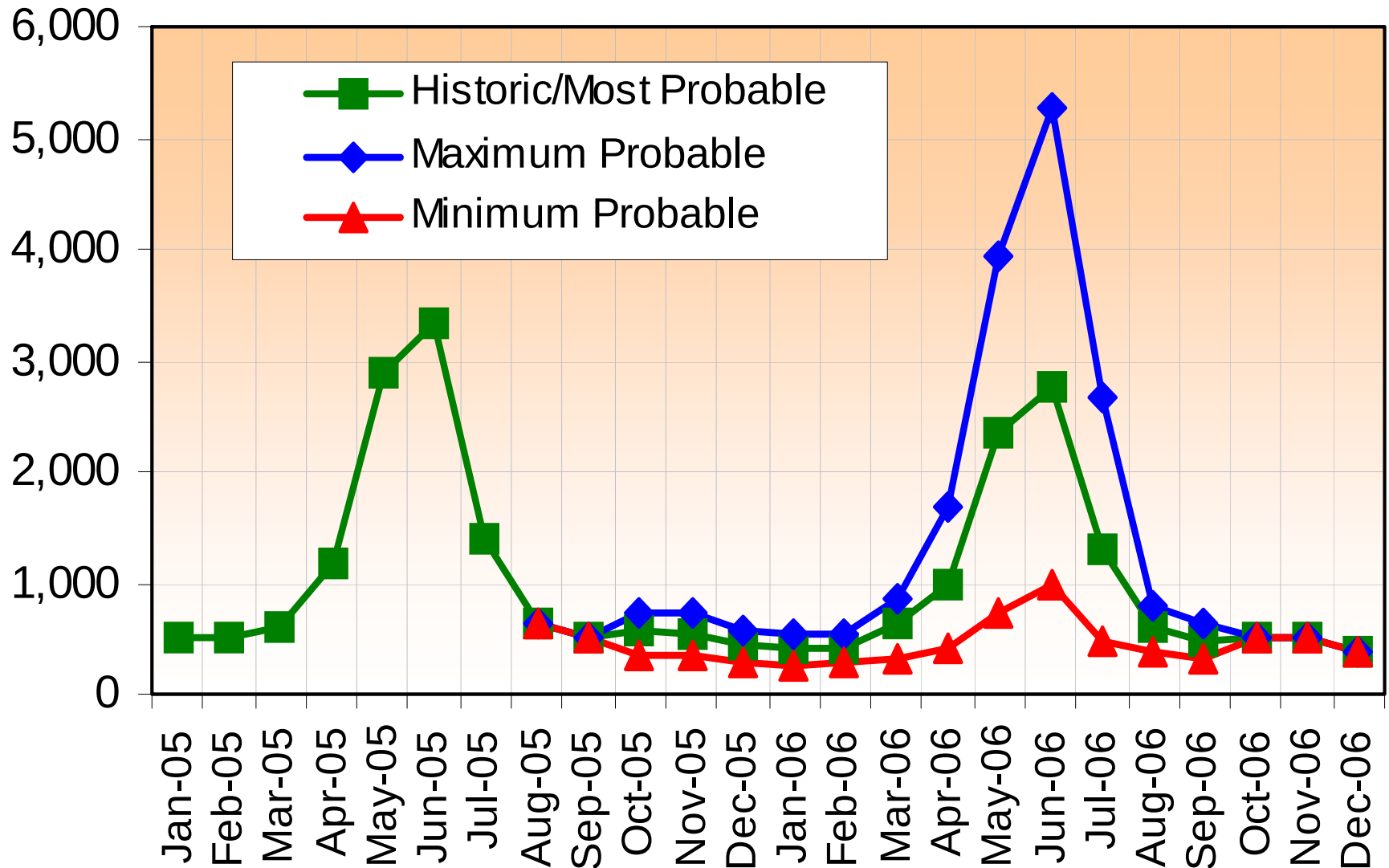
Scenario	2006 AOP WY 2006 Developed July 2005
Minimum Probable	5.2 maf (43 %)
Most Probable	11.4 maf (95 %)
Maximum Probable	18.9 maf (157 %)

maf = million acre-feet

RECLAMATION

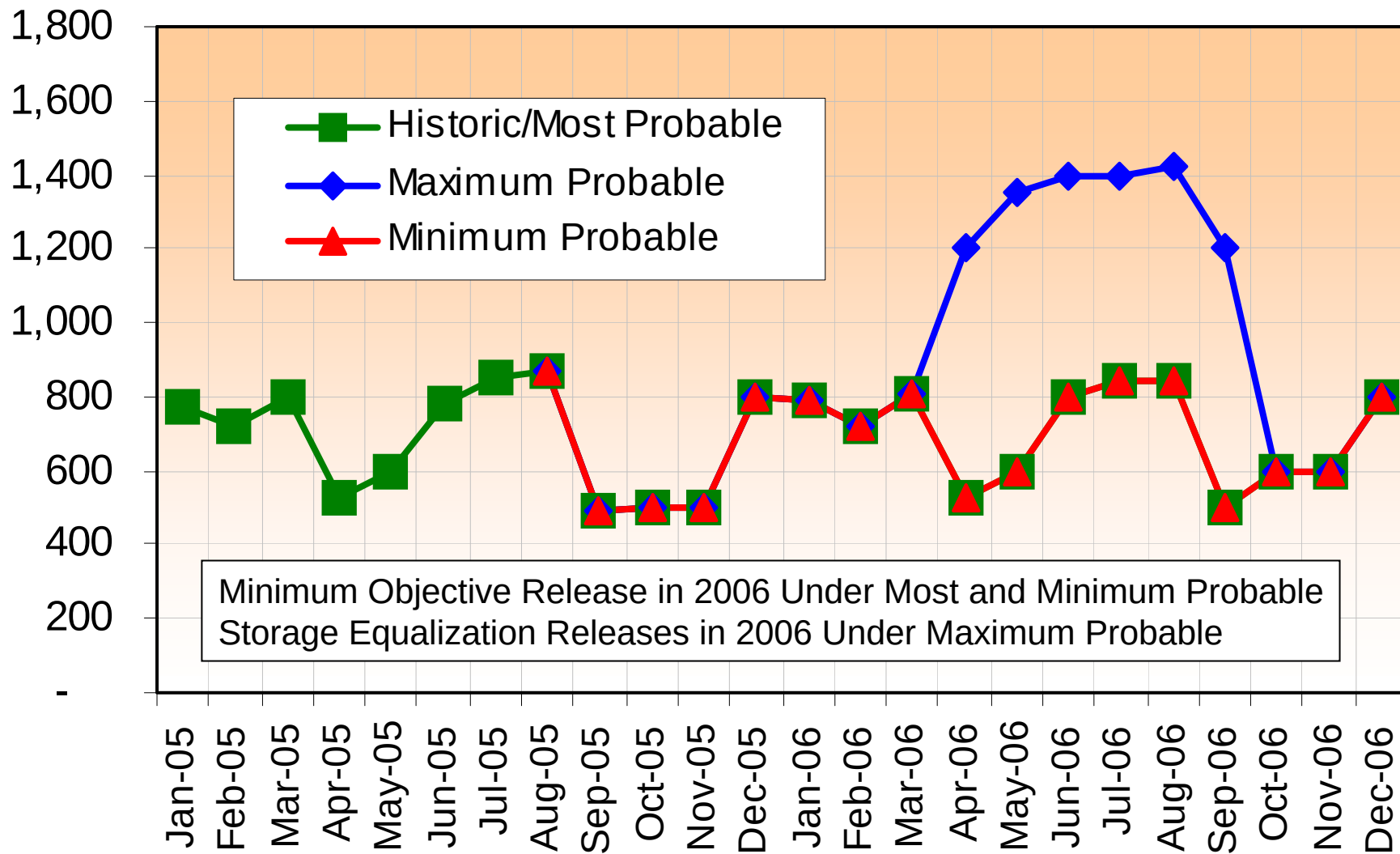
Lake Powell Unregulated Inflow (Thousand AF)

Based on August 2005 Inflow Projections



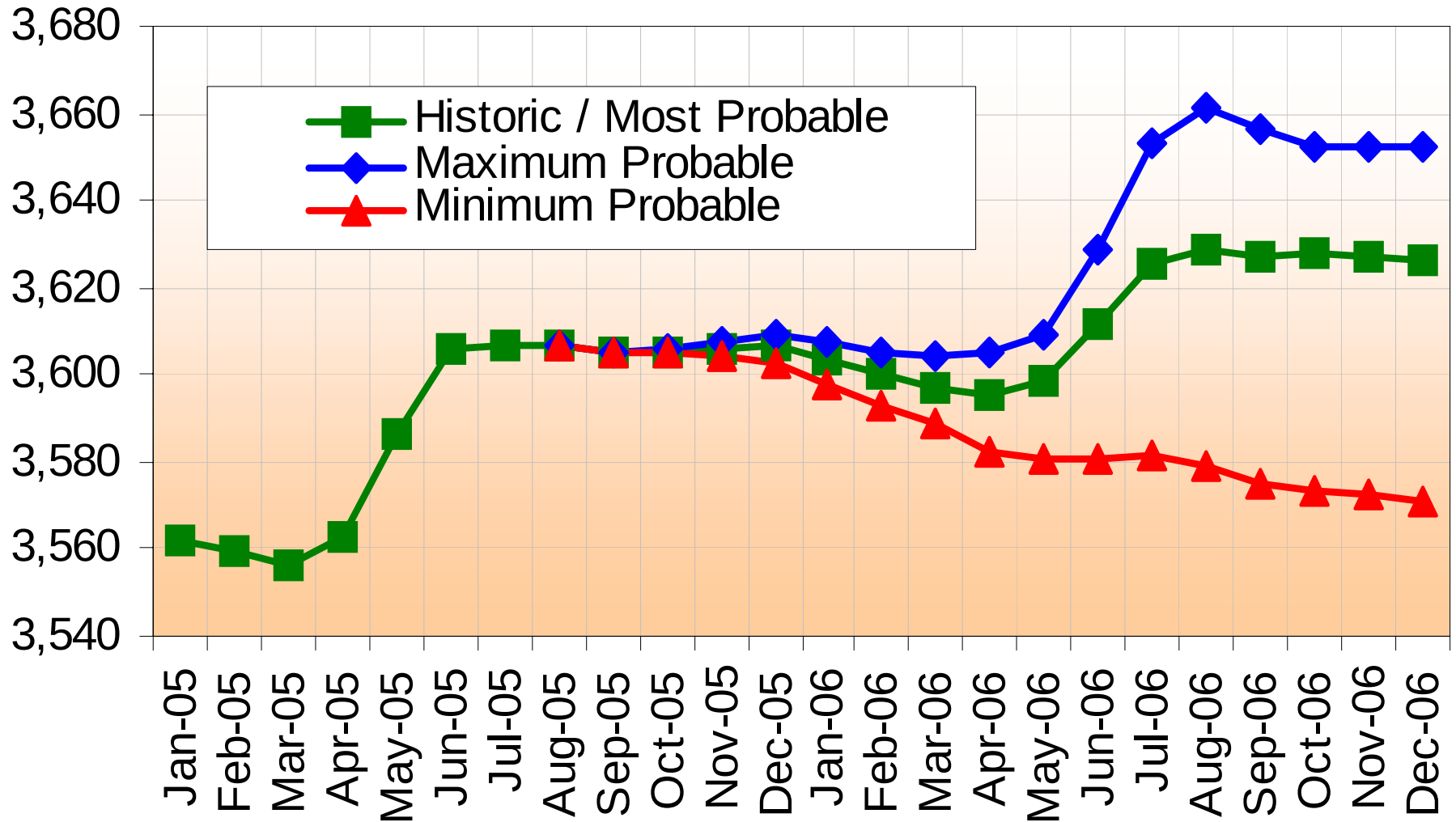
RECLAMATION

Lake Powell Releases (Thousand Acre-Feet) Based on August 2005 Inflow Projections



Lake Powell End of Month Elevation (Feet)

Based on August 2005 Inflow Projections



Sediment Conservation/Native Fish Flows (CFS)

September and October 2005

