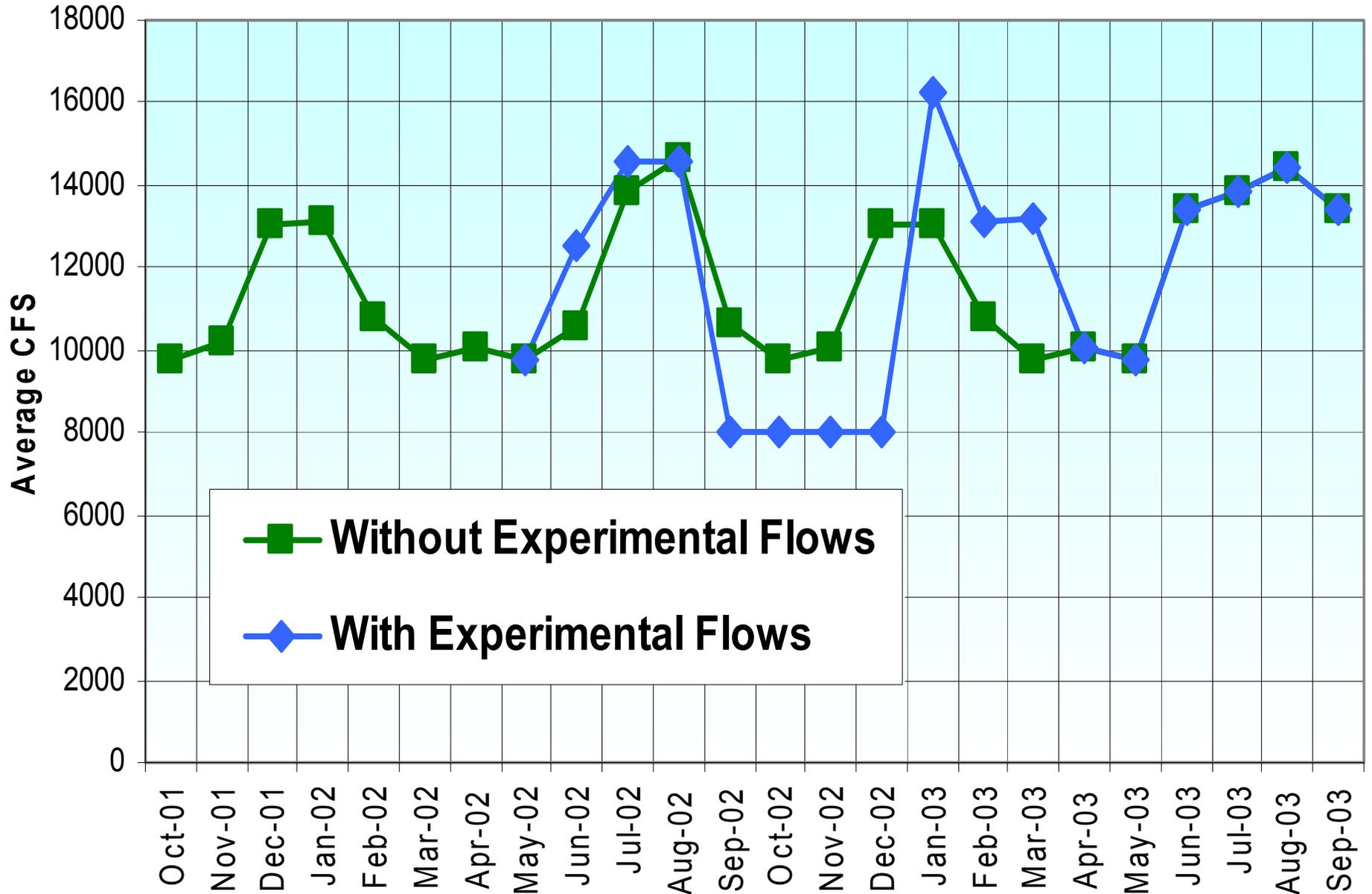


# Glen Canyon Dam Releases

Most Probably Hydrology (based on May 2002 Final Forecast)



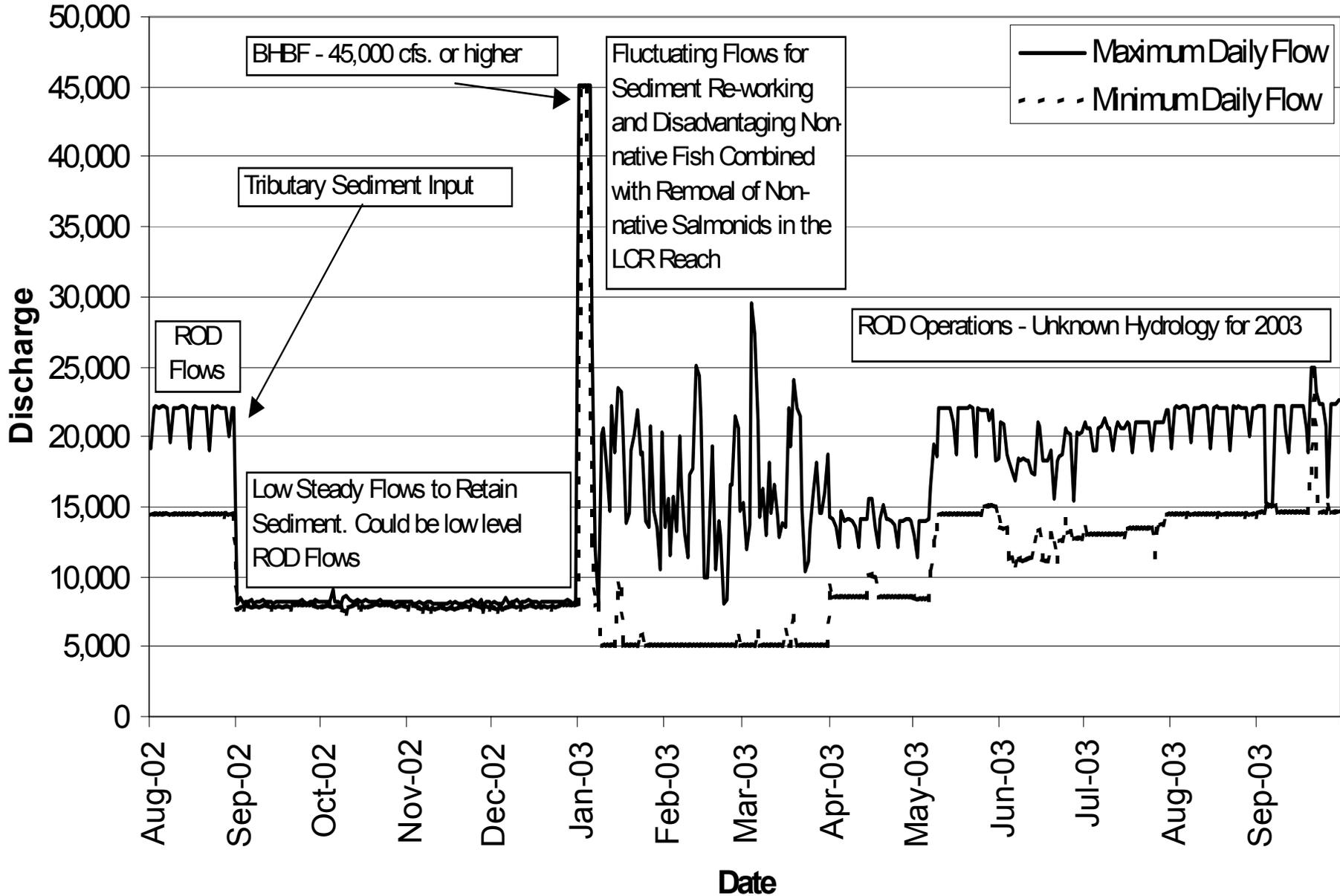
# Exp Flows - Specific Objectives

- ◆ **decrease downstream export of tributary input sediment from Marble Canyon**
- ◆ **increase short term retention of sediment stored in channel through low flows and long term retention of sediment in shorelines through BHBFs**
- ◆ **reduce non-native fish abundance and thereby improve survival and recruitment of HBC by reducing competition and predation**
- ◆ **improve and maintain habitat for young native fish**

# Remaining discussion items

- **Nature of Scenario 1 fall flows**
- **Economic impact of experimental flows**
- **What is the sediment input resource? (sand, silt, clay, native fish habitat)**
- **Attenuation of fluctuations**
- **Paria input trigger volume (1.4 m m tons)**

# Scenario 1. GCMRC Recommended Water Year 2002-03 Treatment



# Next Steps

- **Final discussion with TWG today**
- **Receive comments from Colorado River Management Work Group (AOP)**
- **Prepare monitoring and research plan (GCMRC, scientists and AMP)**
- **Decision by Secretary Norton**
- **Environmental compliance (ESA, NEPA, NHPA)**