

# **COLUMBIA RIVER PROGRAM**

## **2011 WATER SUPPLY & DEMAND FORECAST**

**Policy Advisory Group  
Meeting**

March 5, 2009

# Overview

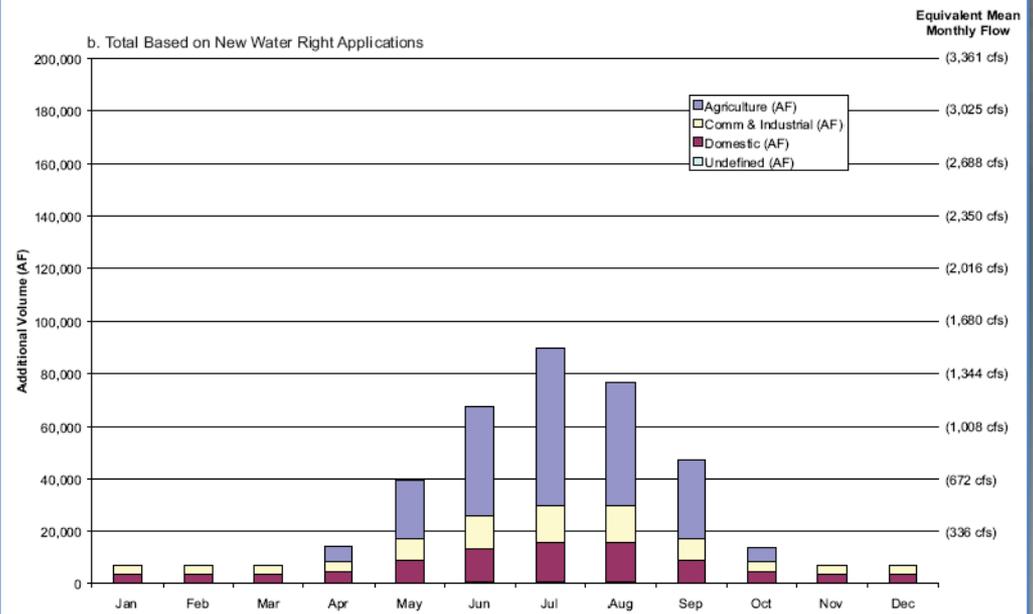
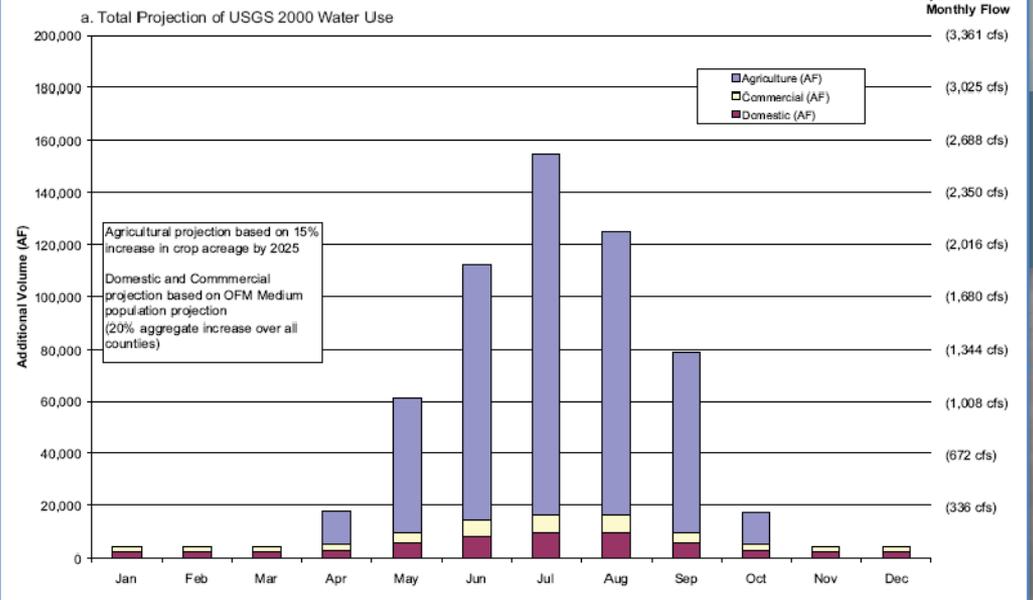
- **Water Supply Changes Through 2030**
  - Legal / Regulatory / Treaty Issues
  - Availability, Drought Susceptibility
  - Climate Change
- **Water Demand Changes Through 2030**
  - **Agriculture**, Municipal, Industrial

# Columbia Projected Future Water Use (2000 – 2025)



## What Did 2006 Report Say?

- USGS Projections
- Pending Applications
- WSU Study



NOTES:  
 1. Includes only total demand for counties adjacent to the Columbia River one-mile Management Zone.  
 2. Does not compensate for return flows.

FIGURE 5-7  
**PROJECTED TOTAL WATER USE INCREASE (2000-2025)**  
 WSDOE/COLUMBIA BASIN WATER SUPPLY/WA

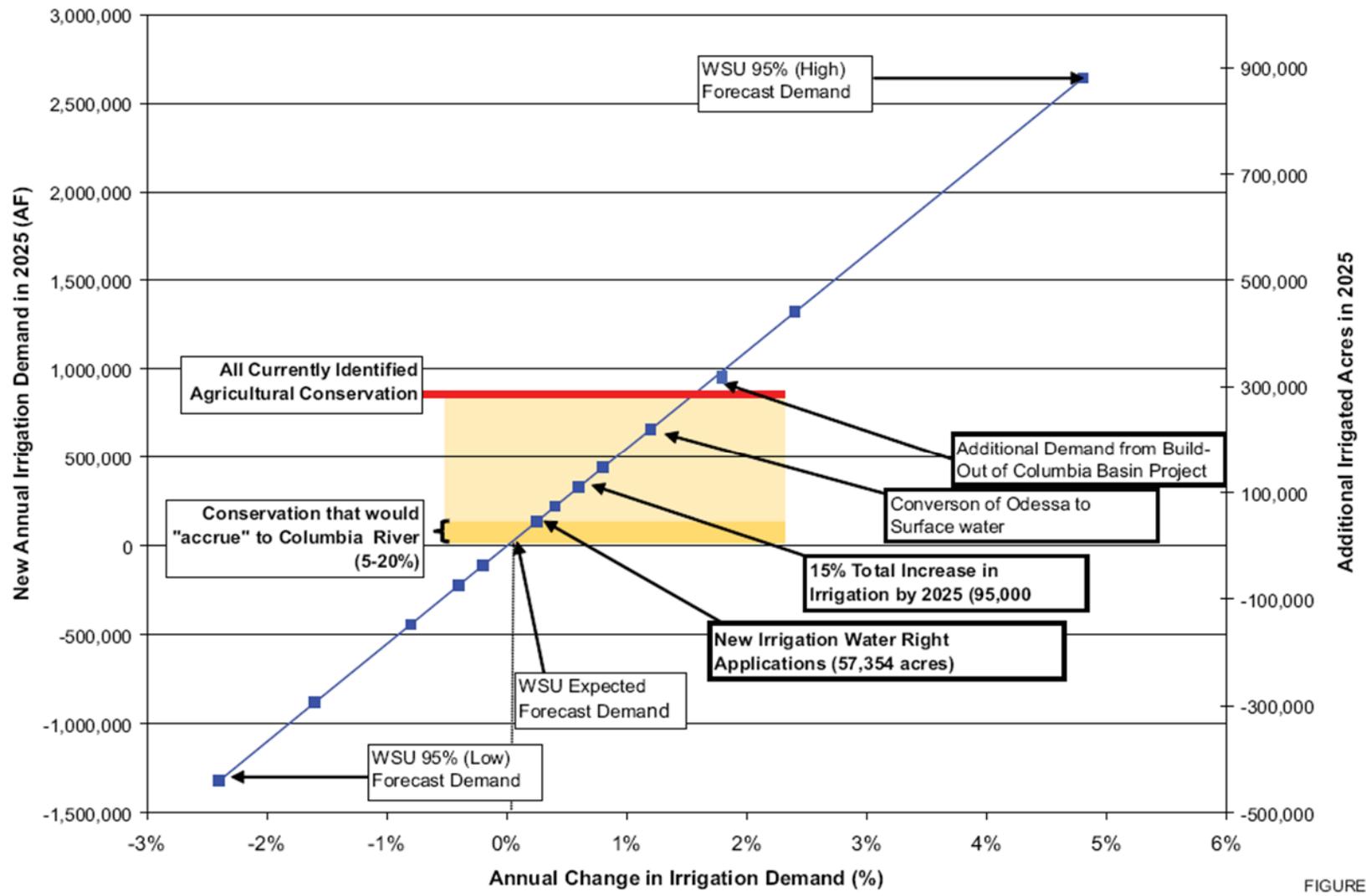


FIGURE 5-5  
RANGE OF POTENTIAL  
FUTURE IRRIGATION WATER DEMAND IN 2025  
WSDOE/COLUMBIA BASIN WATER SUPPLY/WA

# Proposed Elements of the Ag Study

- **WSU as lead contractor.**
- **Peer school (to be determined)**
- **PAG collaboration / input on Scope of Work**
- **State Agency collaboration / input**
- **Proposed contract by July 1, 2009**
- **Study is expected to last approximately 1 year**
- **Scope elements:**
  - **CAFTA**
  - **NAFTA**
  - **International Ag. Stats**
  - **Washington Wine**
  - **Biofuels**
  - **USDA Farmgate Stats**
  - **Odessa**
  - **Water Right Applications**
  - **Interruptible Conversion**
  - **Climate Change Demand**