Figure 1: Location of the Arvin-Edison Water Storage District

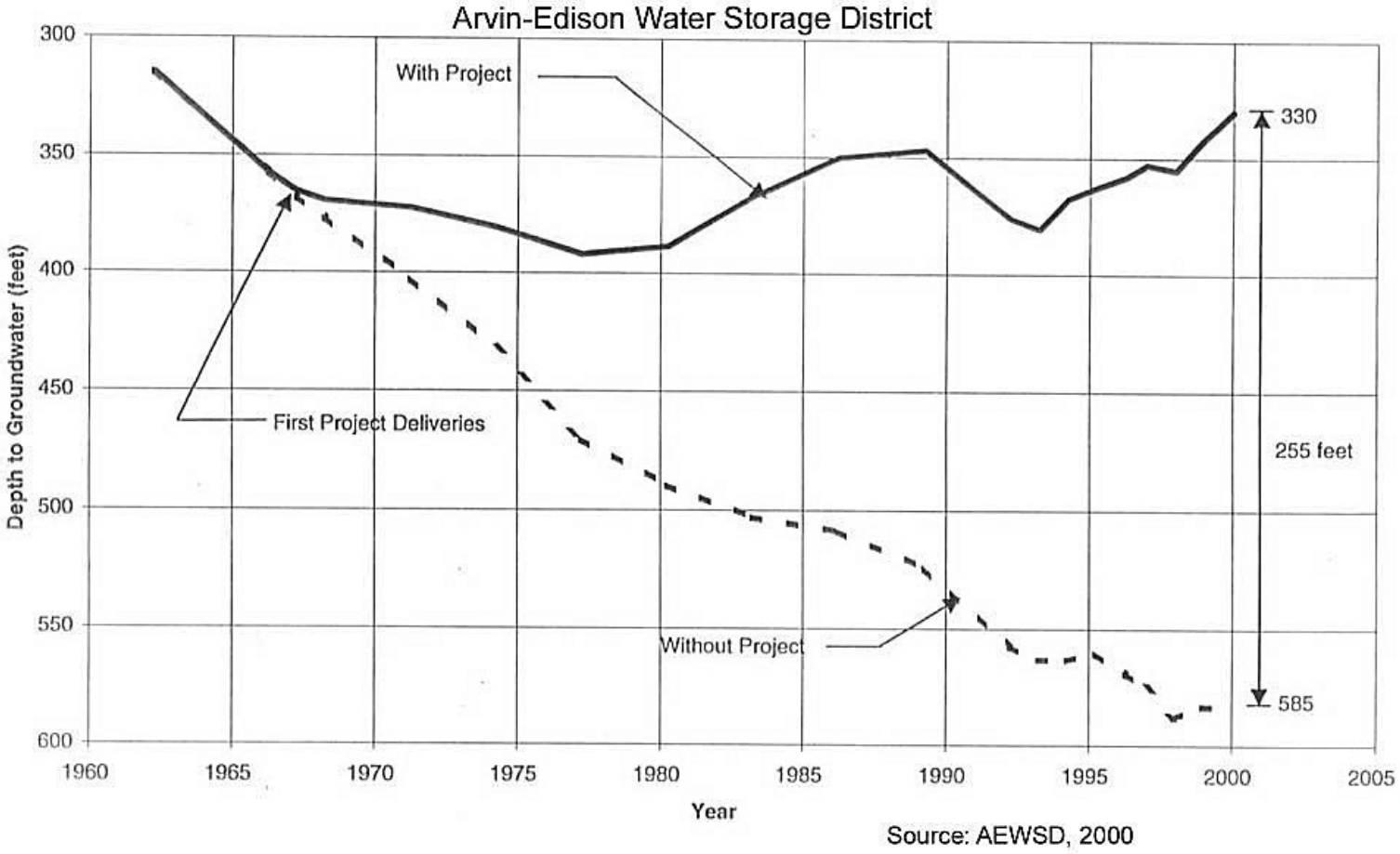
Basic Supplemental Supply

Class 1 (Firm): 158 million m^3 (48%)

Class 2 (Interruptible): 171 million m^3 (52%)

Figure 3

Average Static Groundwater Depth in District



Source: AEWSD, 2000

Cost Analysis

- Cost Savings 3.8 – 6.5 cents/m^3

Total Costs = 6.5 cents/m^3

Project Benefits

1. Increase Reliability (Firmness) of Supply
2. Minimize Cost of Distribution
3. Reduce Pumping Lifts
4. Improve Water Quality

Factors for Success

1. Permeable Soils
2. Good Hydraulic Conductivity
3. Water Availability
4. Absence of Competing Pumpers