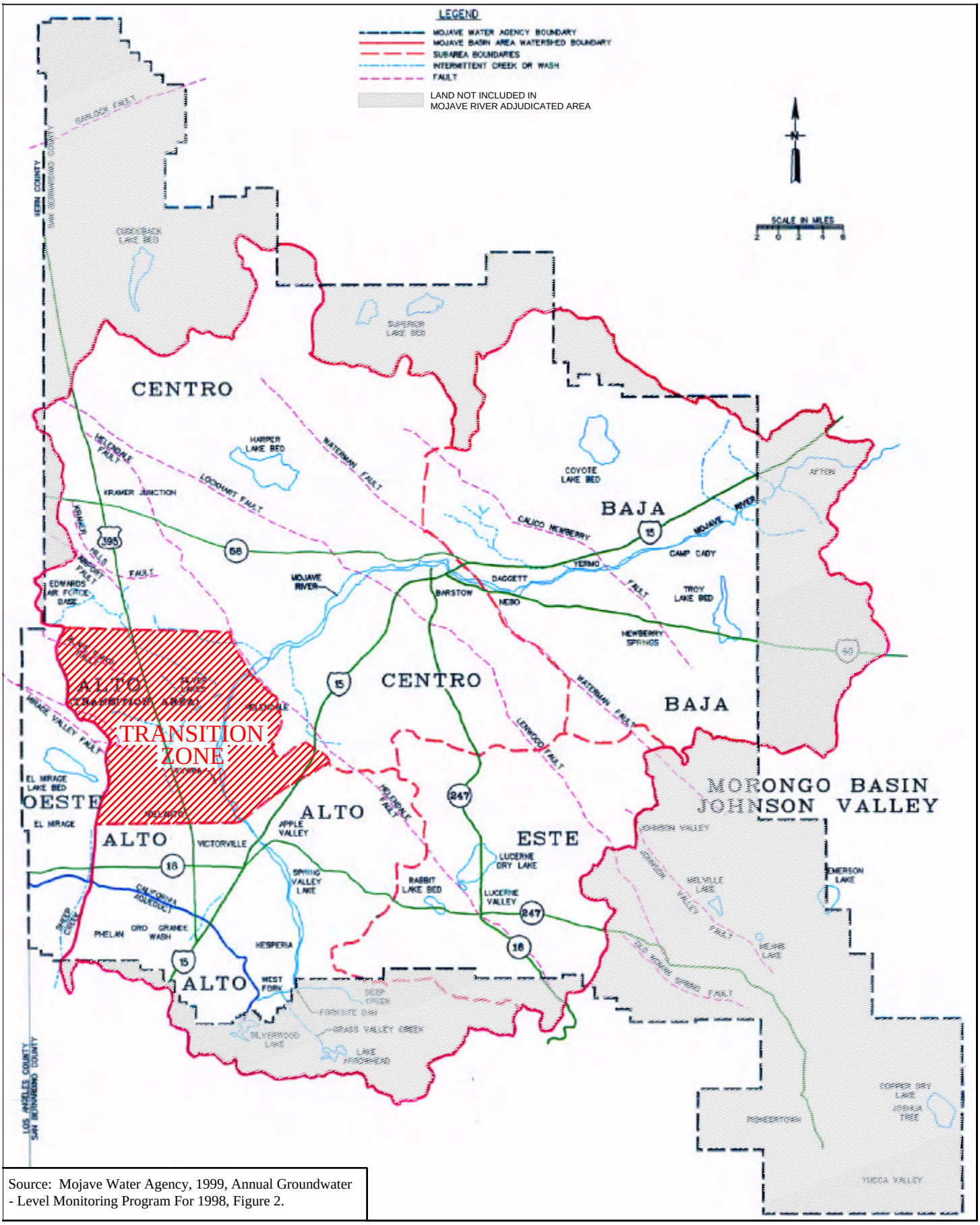
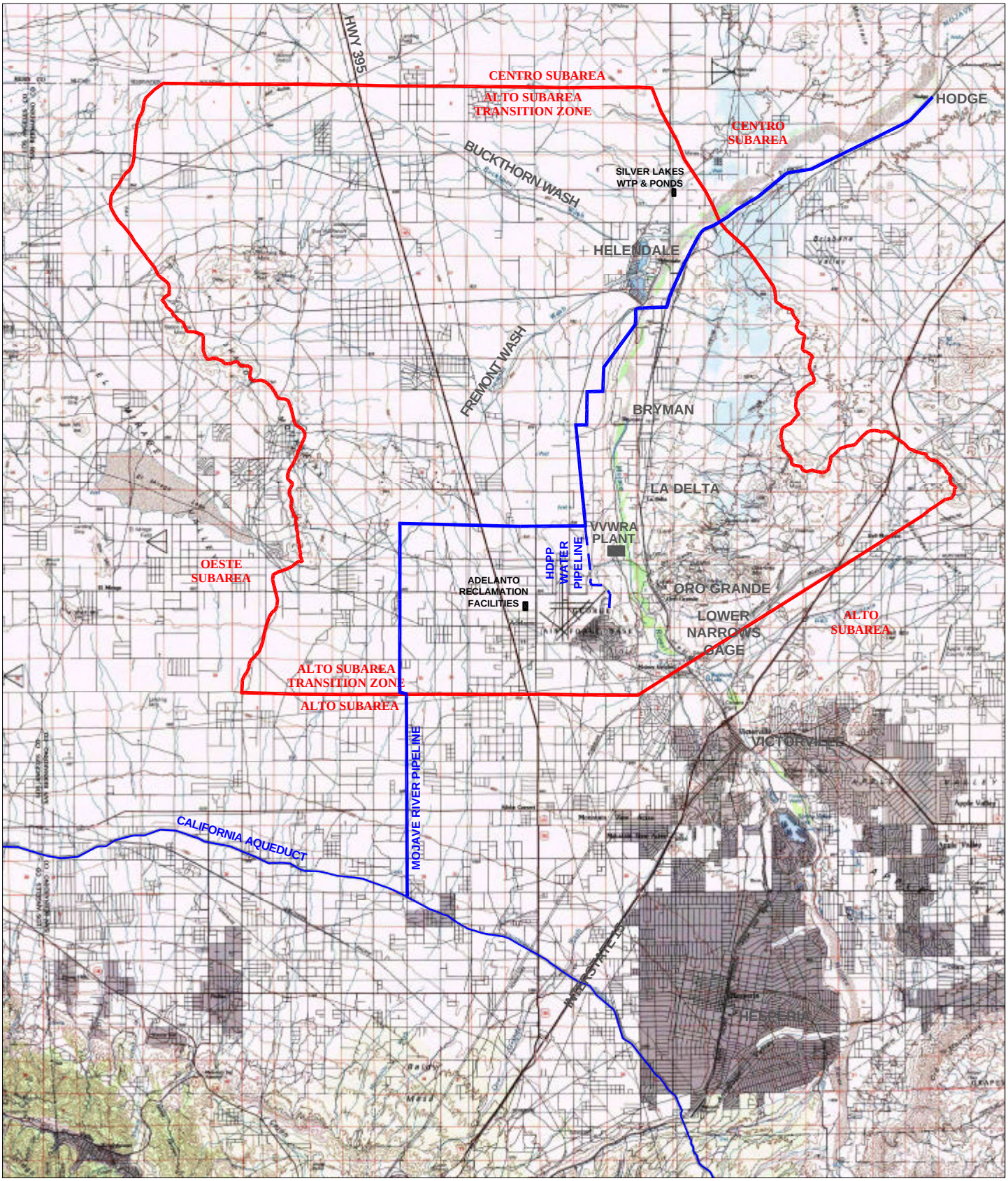


Source: Mojave Water Agency, 1999, Annual Groundwater - Level Monitoring Program For 1998, Figure 2.

URS

Figure
MWA Subarea Location Map



Modified From:
USGS, 1982a, Topographic Map Of San Bernardino California, 1:100 000-Scale Metric and
USGS, 1982b, Topographic Map Of Victorville California, 1:100 000-Scale Metric

NORTH

0 1 2 3 4 5 10

Scale In Miles

URS

Figure 2
Physiographic Map of the Transition Zone and Surrounding Area

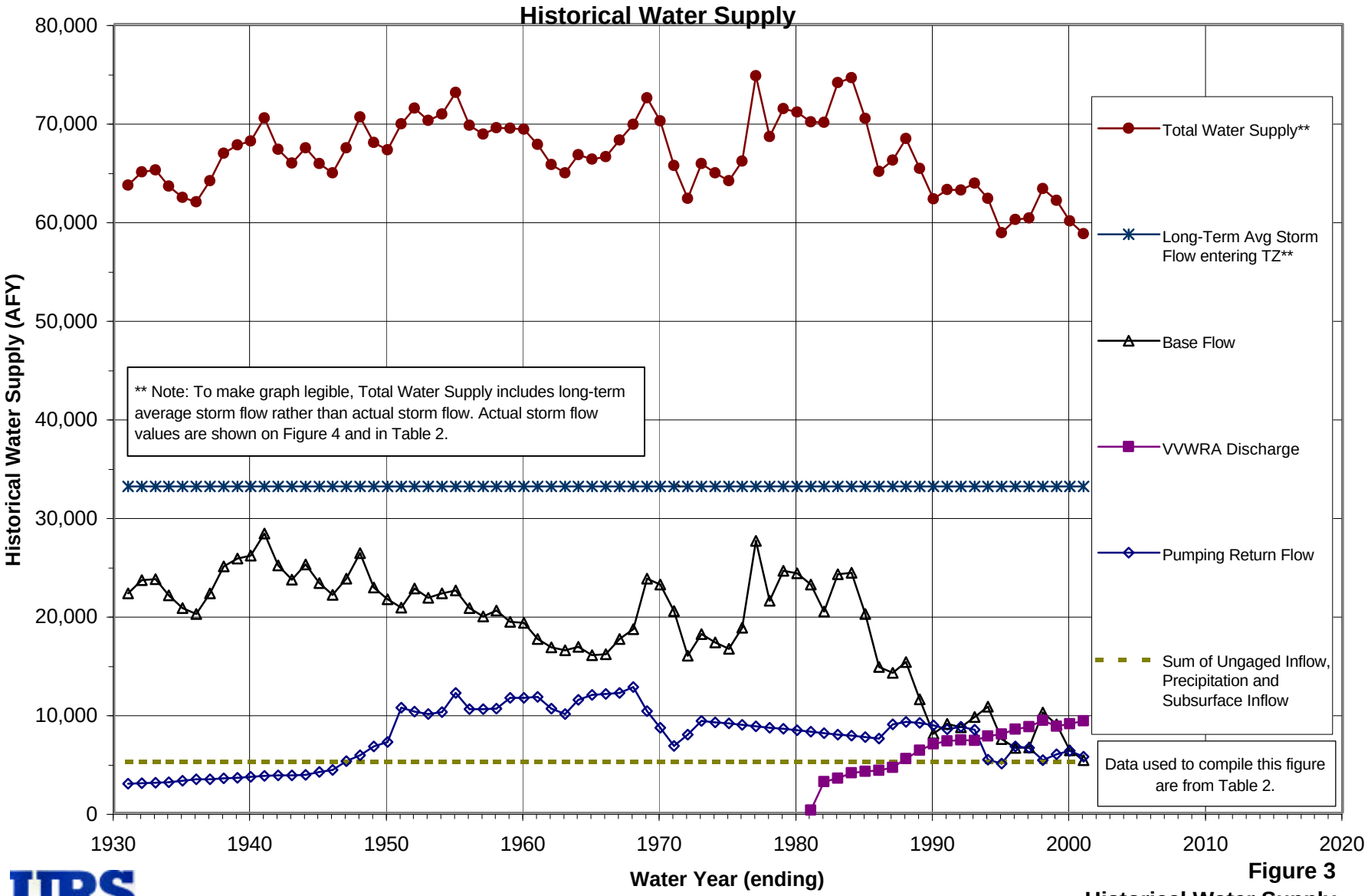


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Figure 3
Historical Water Supply

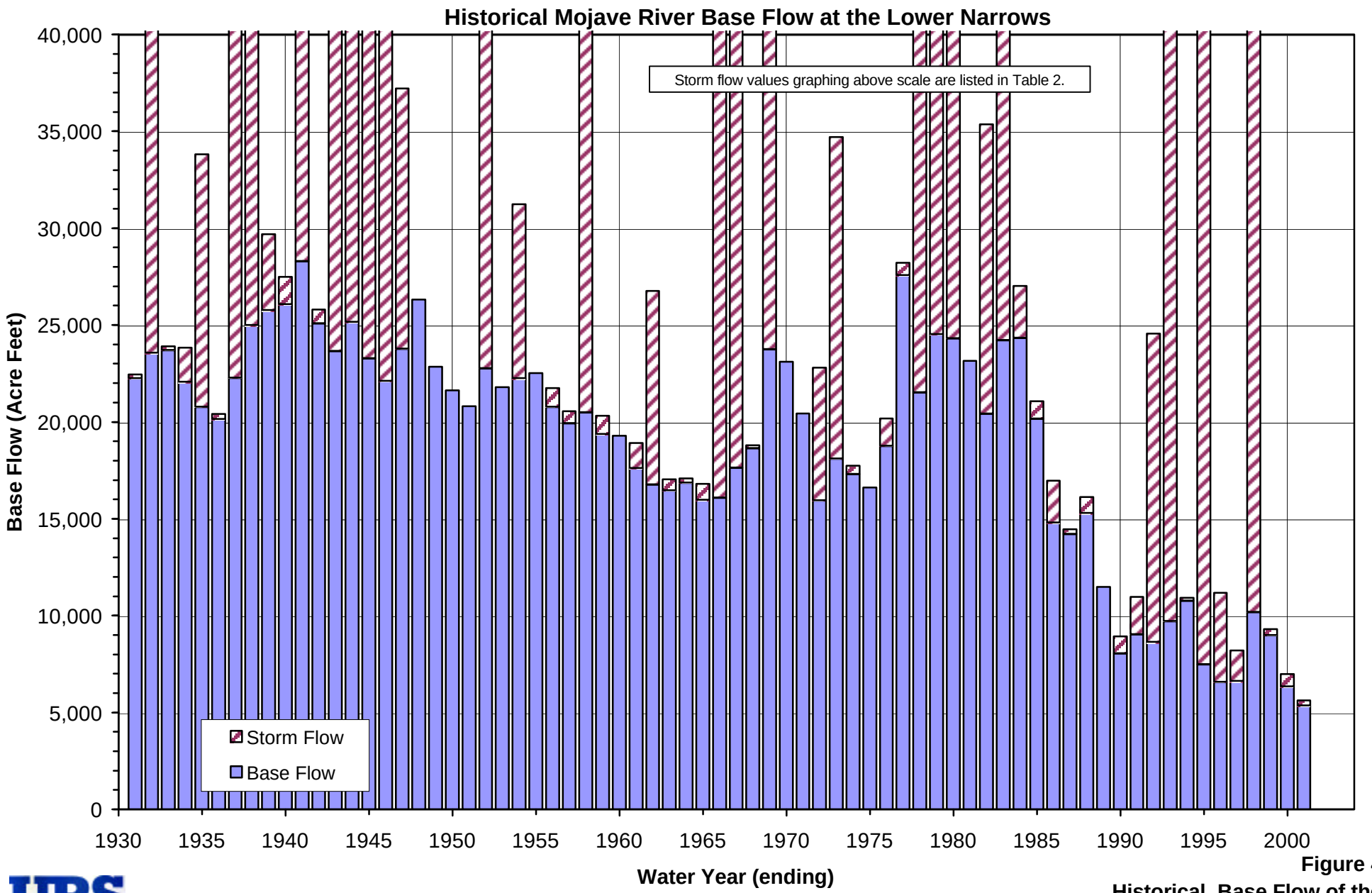

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Figure 4
Historical Base Flow of the Mojave River at the Lower Narrows

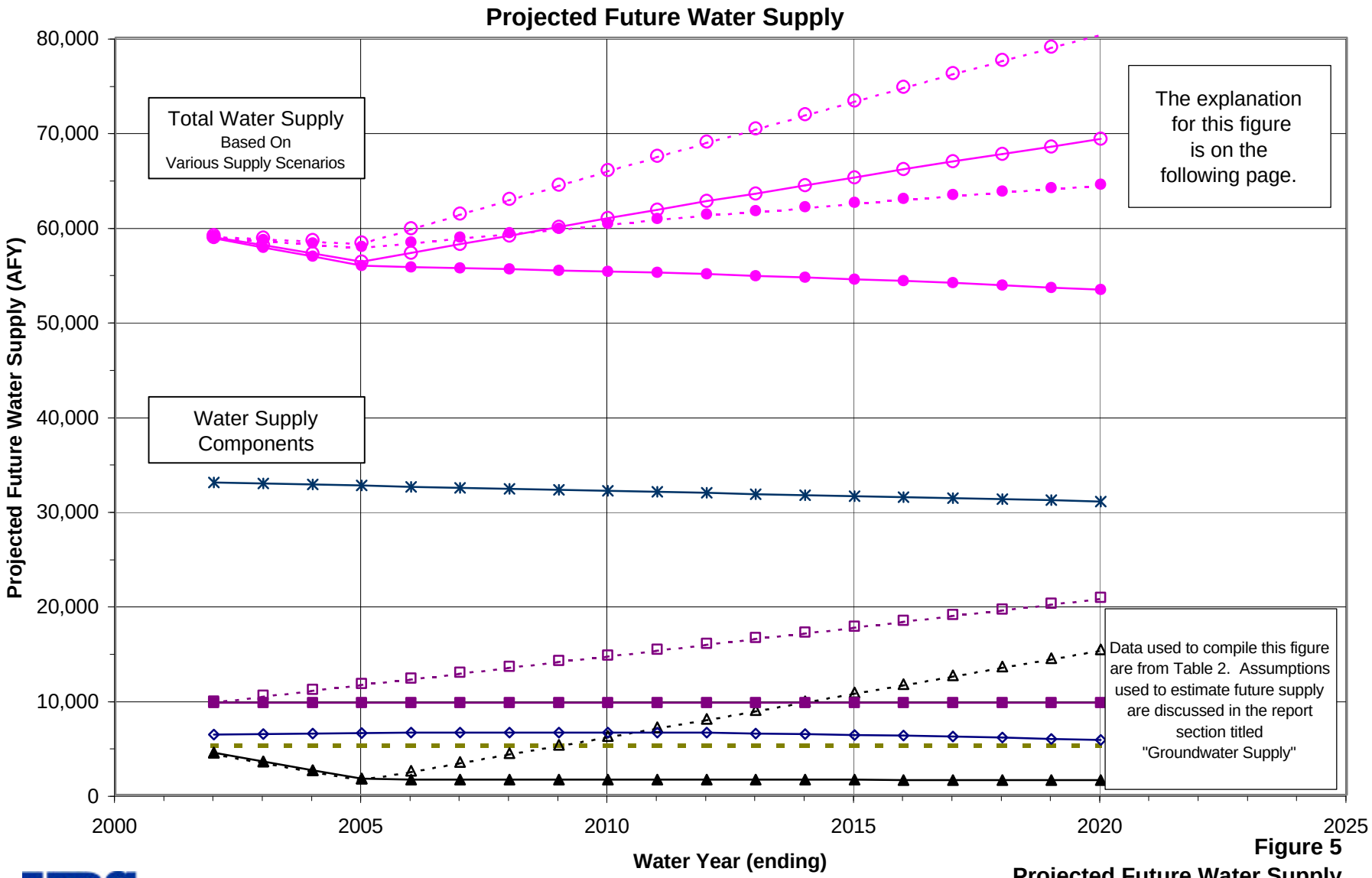

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Figure 5
Projected Future Water Supply
Based on Continuation of Existing Trends

Explanation for Figure 5
Projected Future Water Supply
Based on Continuation of Existing Trends

- Total Water Supply (With Out Base Flow Recovery And With VVWRA Discharge Tied to Growth)
- Total Water Supply (With Out Base Flow Recovery And With VVWRA Discharge Limited)
- Total Water Suppy (With Base Flow Recovery And With VVWRA Dischage Tied to Growth)
- Total Water Supply (With Base Flow Recovery And With VVWRA Limited)
- Long-Term Average Storm Flow
- Base Flow (With Out Recovery)
- Base Flow With Recovery
- VVWRA Discharge Stabilzed at 8.66 mgd (9,700 AFY)
- VVWRA Discharge Tied to Growth
- Pumping Return Flow
- Ungaged Inflow, Precipitation, and Subsurface Inflow

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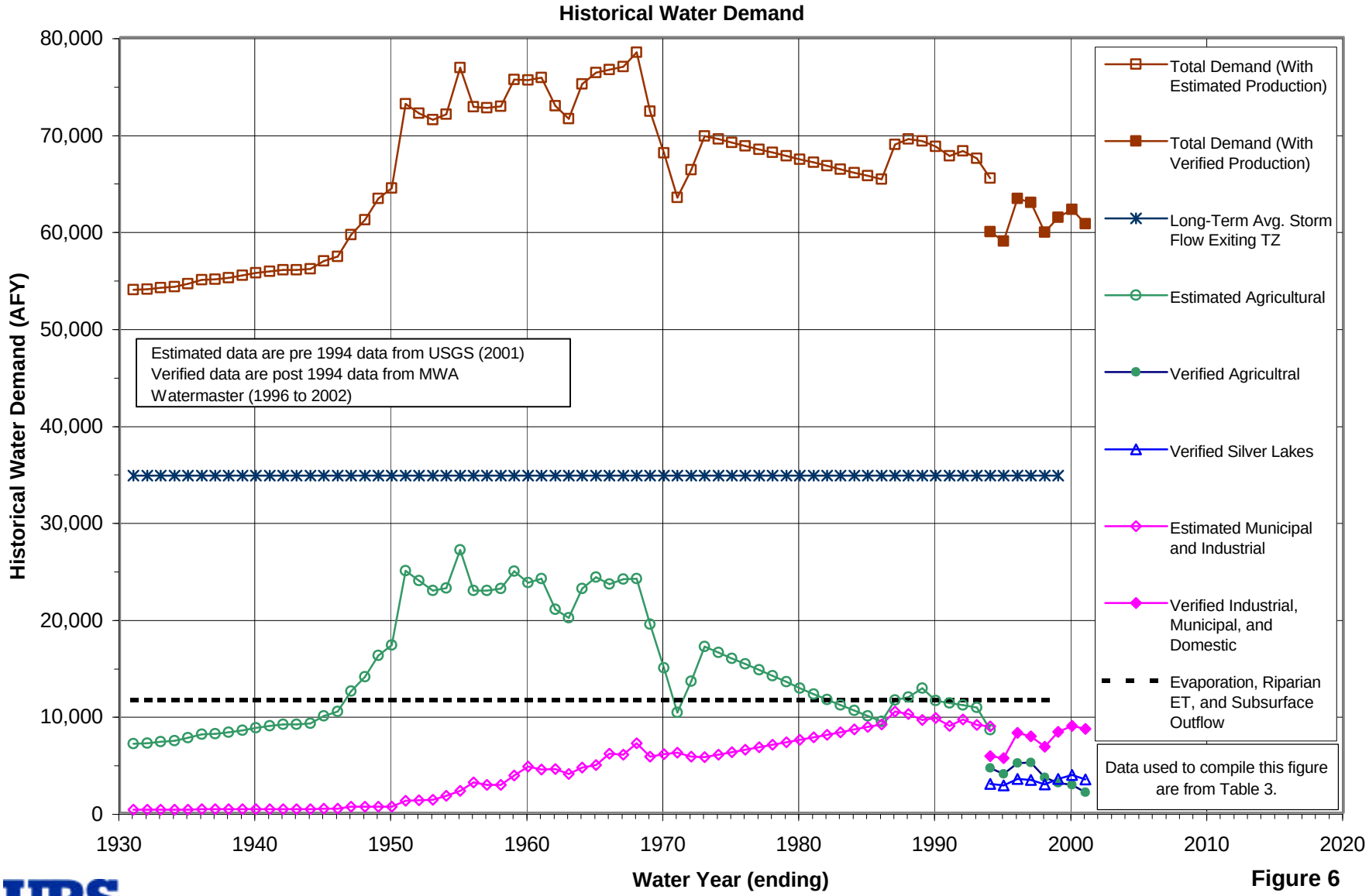
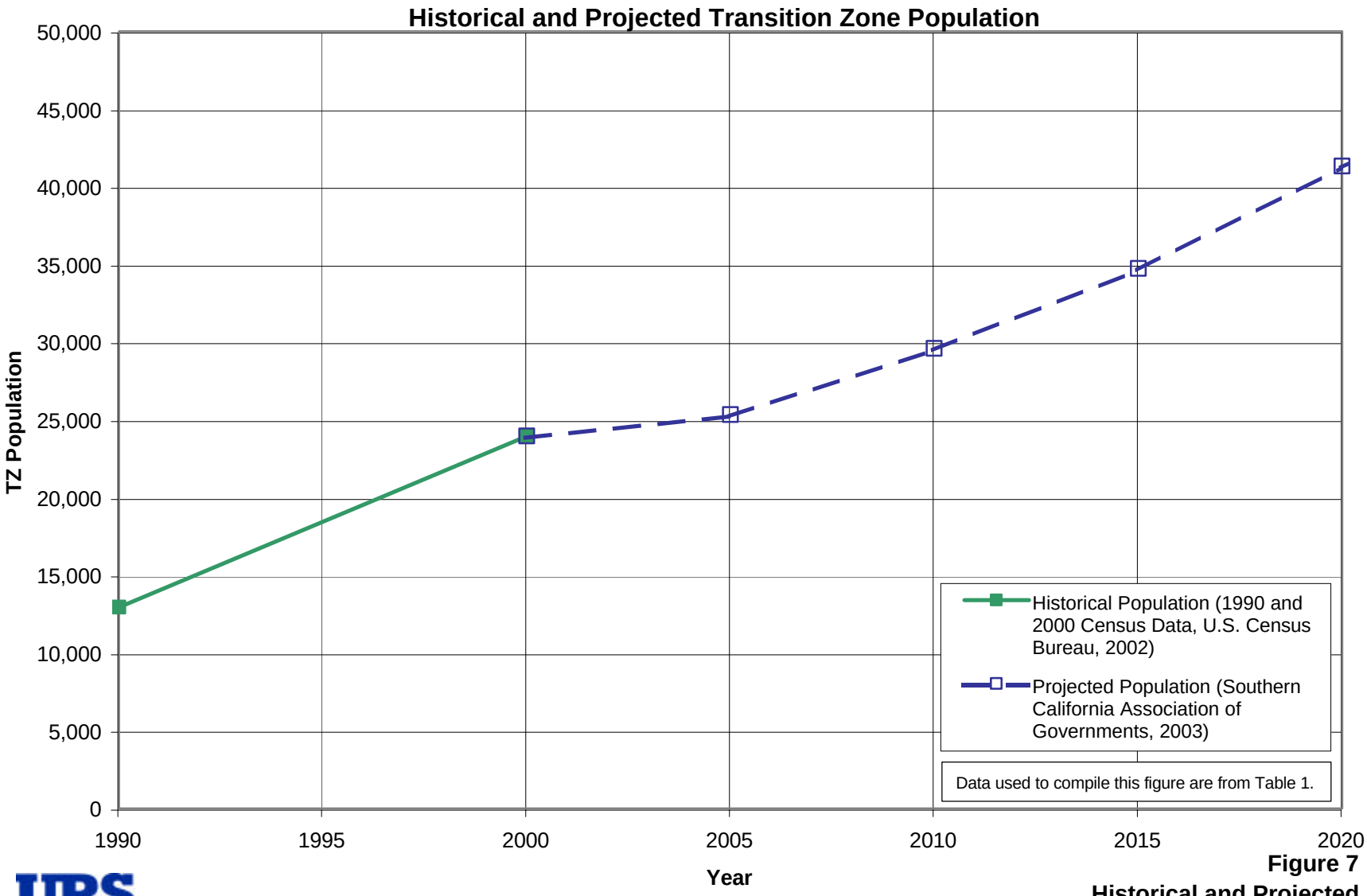


URS

Figure 6
Historical Water Demand



URS

Figure 7
Historical and Projected Transition Zone Population

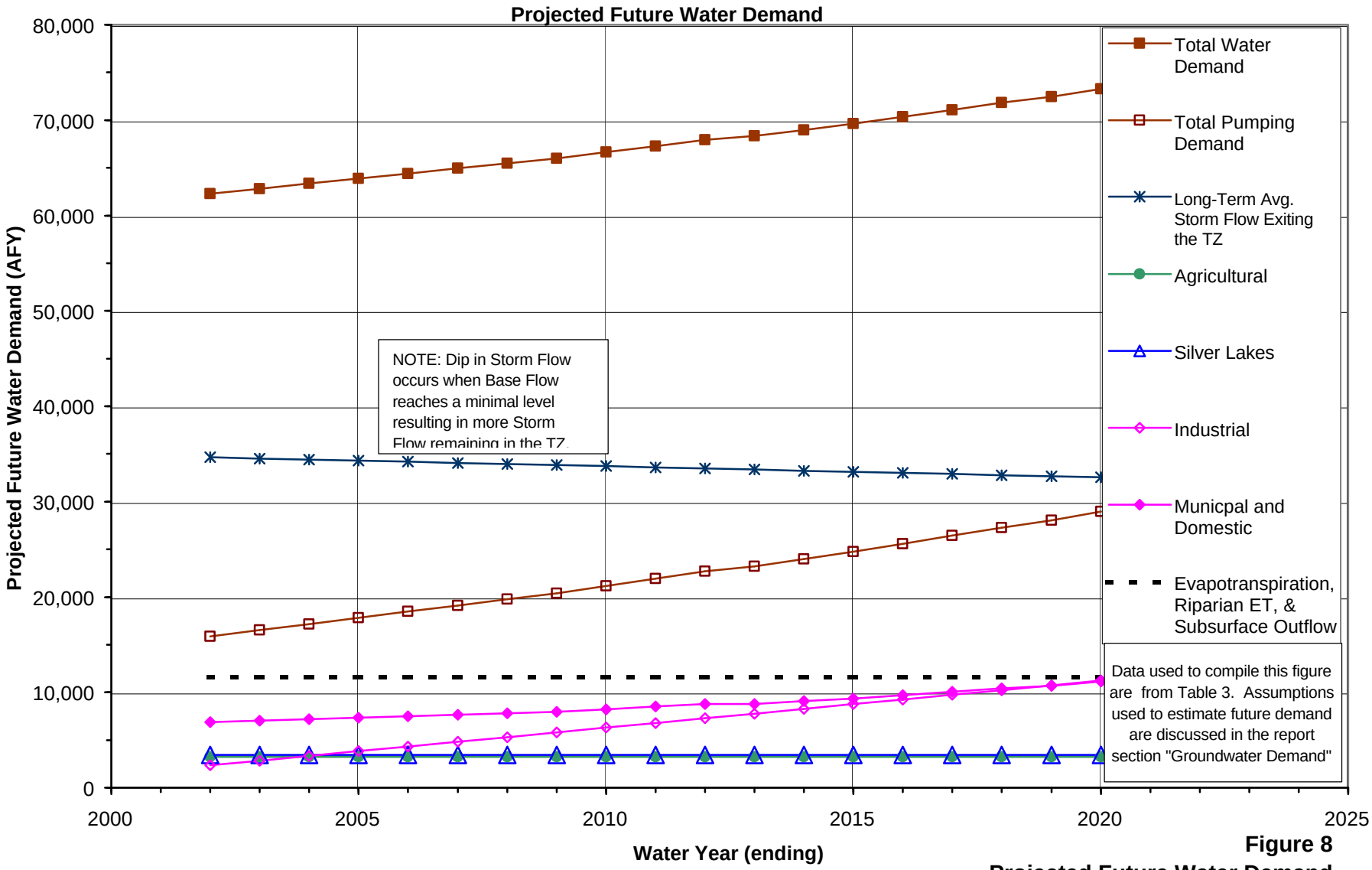


Figure 8
Projected Future Water Demand
Based on Continuation of Existing Trends

URS

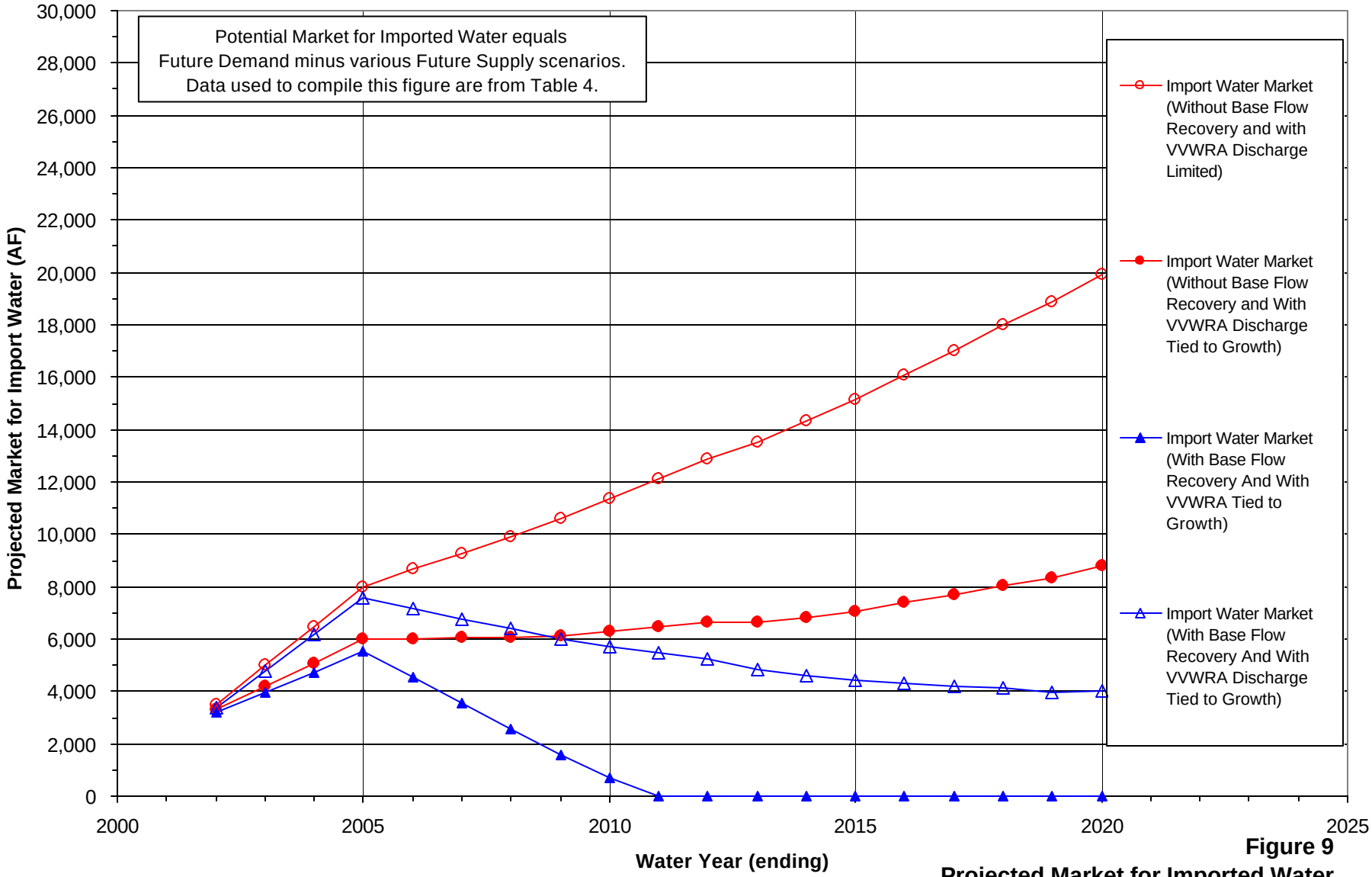


Figure 9
Projected Market for Imported Water
Based On Total Water Supply and Demand

URS

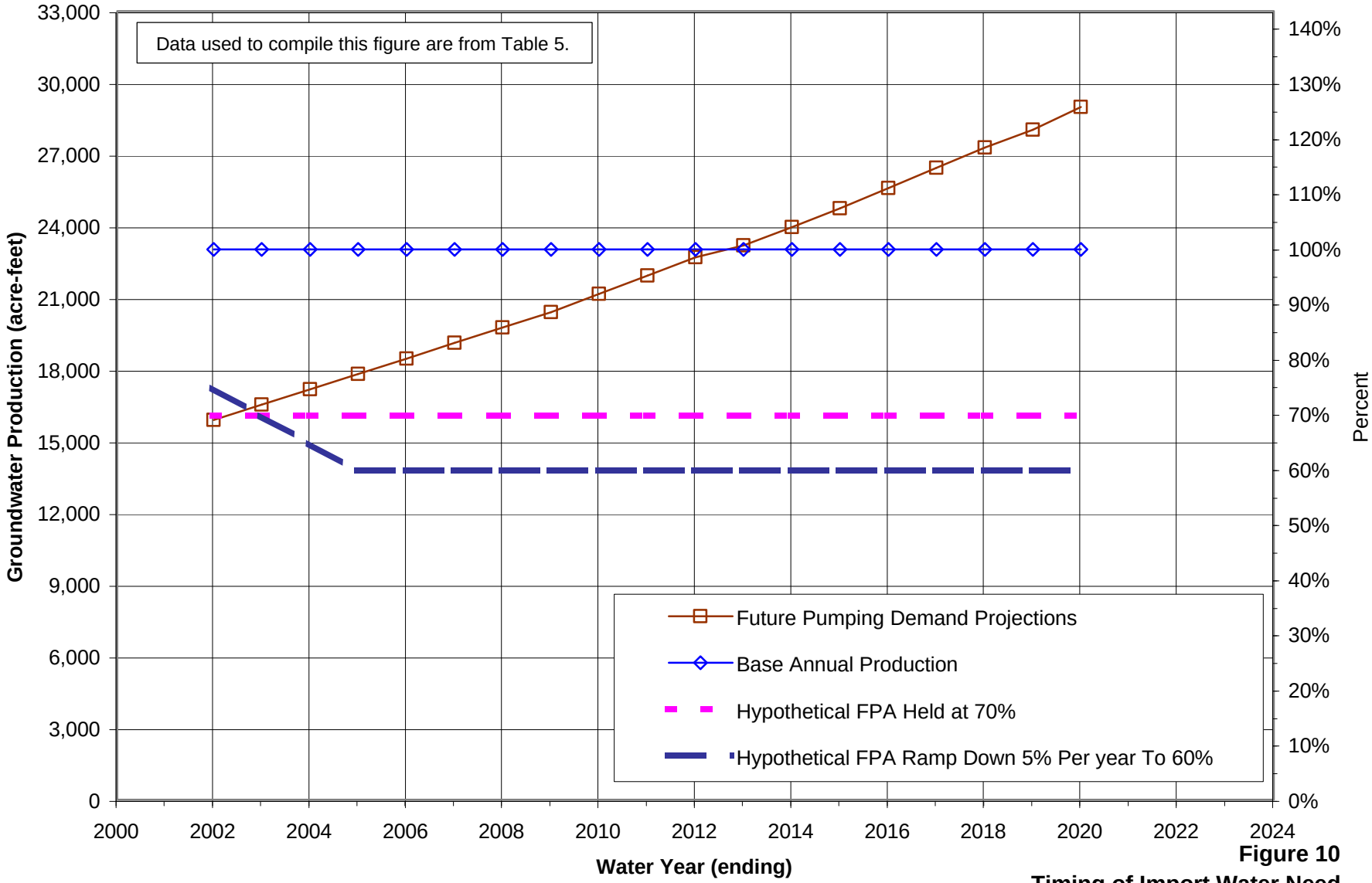


Figure 10
Timing of Import Water Need
Based on Pumping Projections Exceeding BAP and FPA

URS

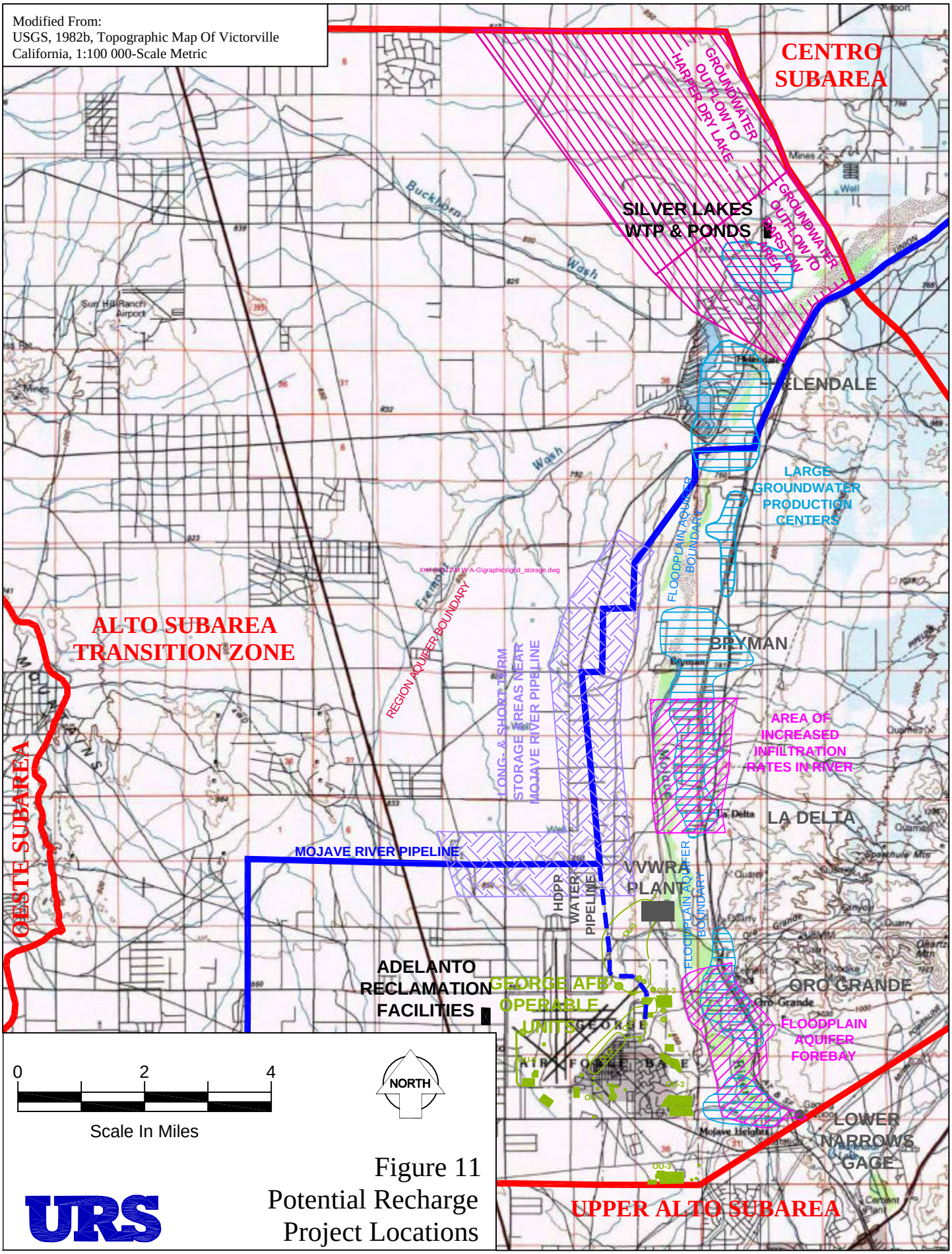


Figure 11
Potential Recharge
Project Locations