

Figure 7-1
Effect of the Loma Prieta Earthquake on Streamflow During WY 1987-1992 Drought

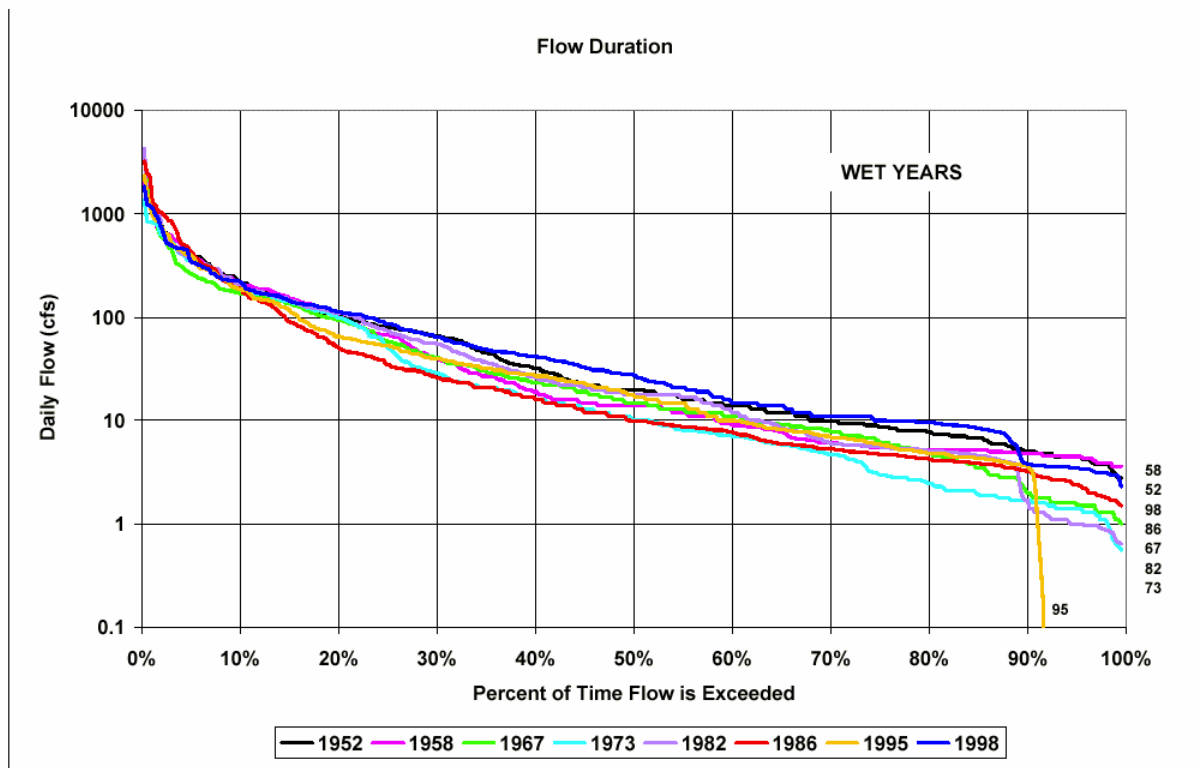


Figure 7-2

Flow-Duration Curves for Soquel Creek at Main Street in Wet Years

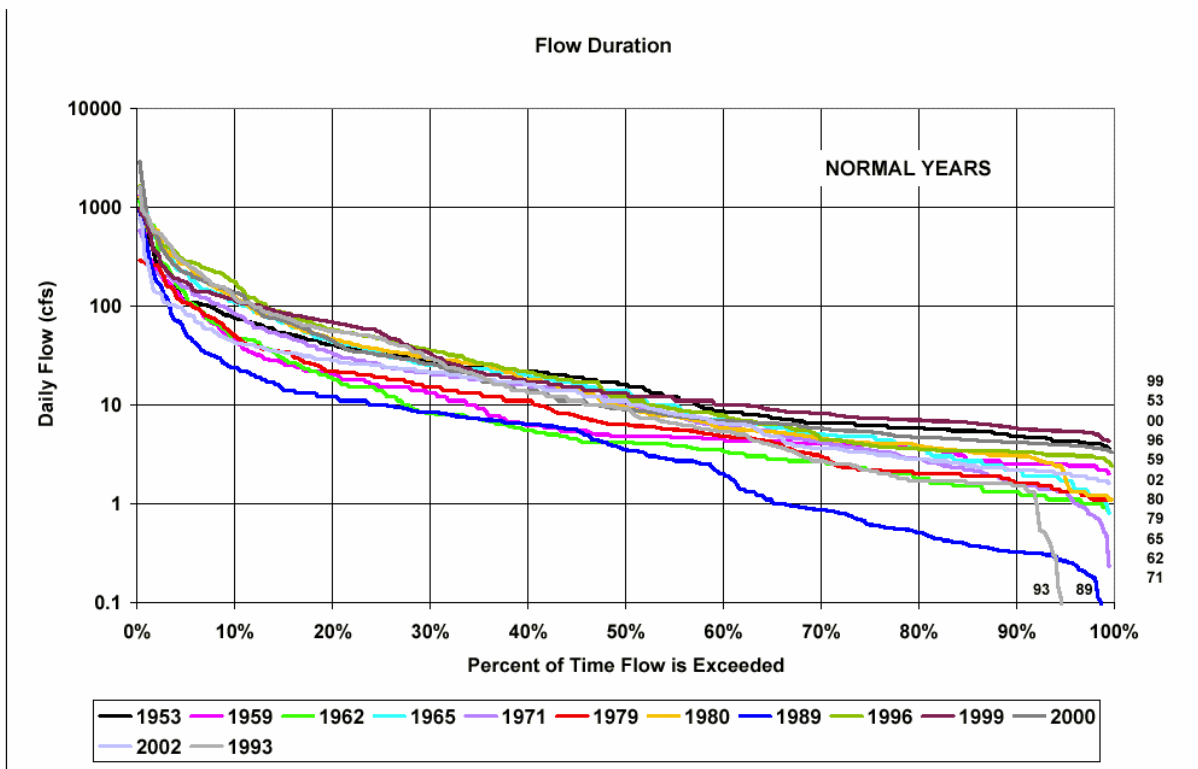


Figure 7-3

Flow-Duration Curves for Soquel Creek at Main Street in Normal Years

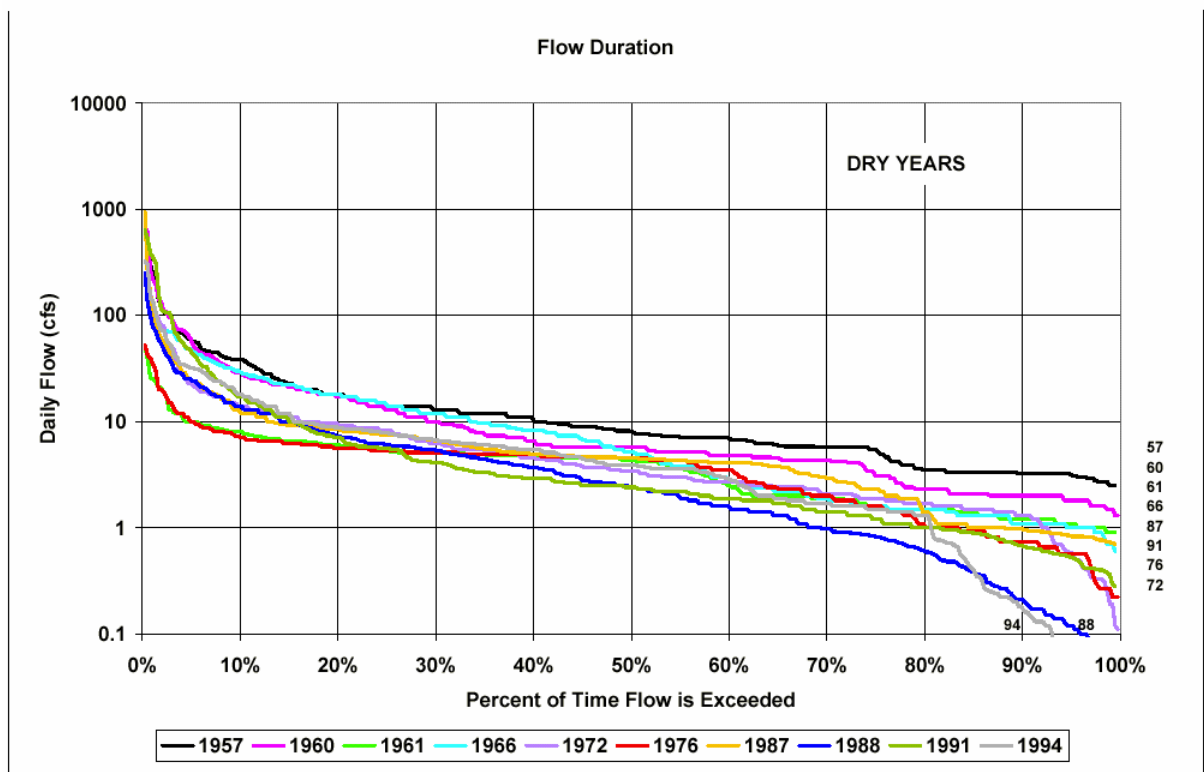


Figure 7-4
Flow-Duration Curves for Soquel Creek at Main Street in Dry Years

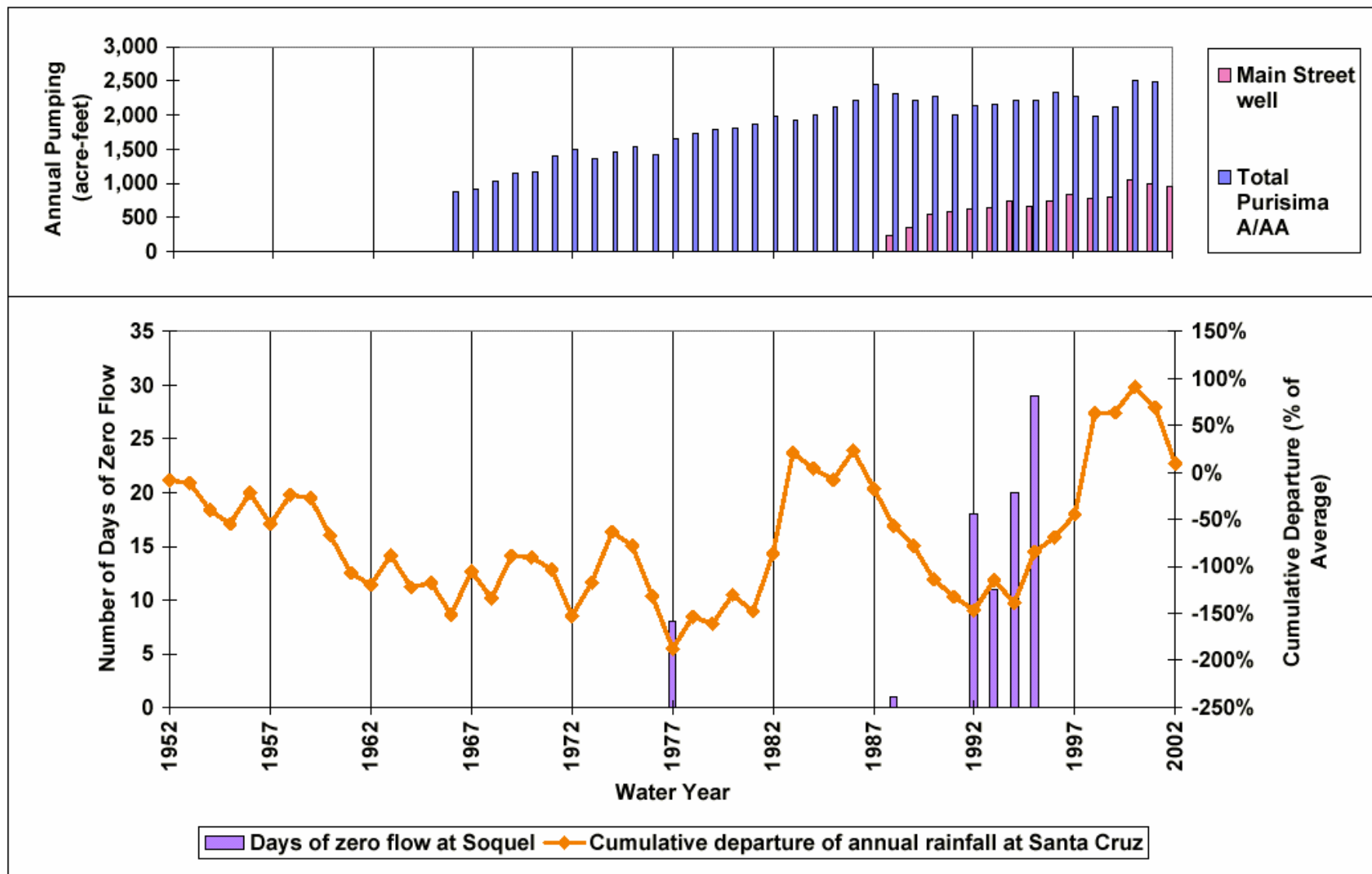


Figure 7-5
Comparison of Annual Pumping, Rainfall Departure, and Zero-Flow Days During WYs 1951-2002

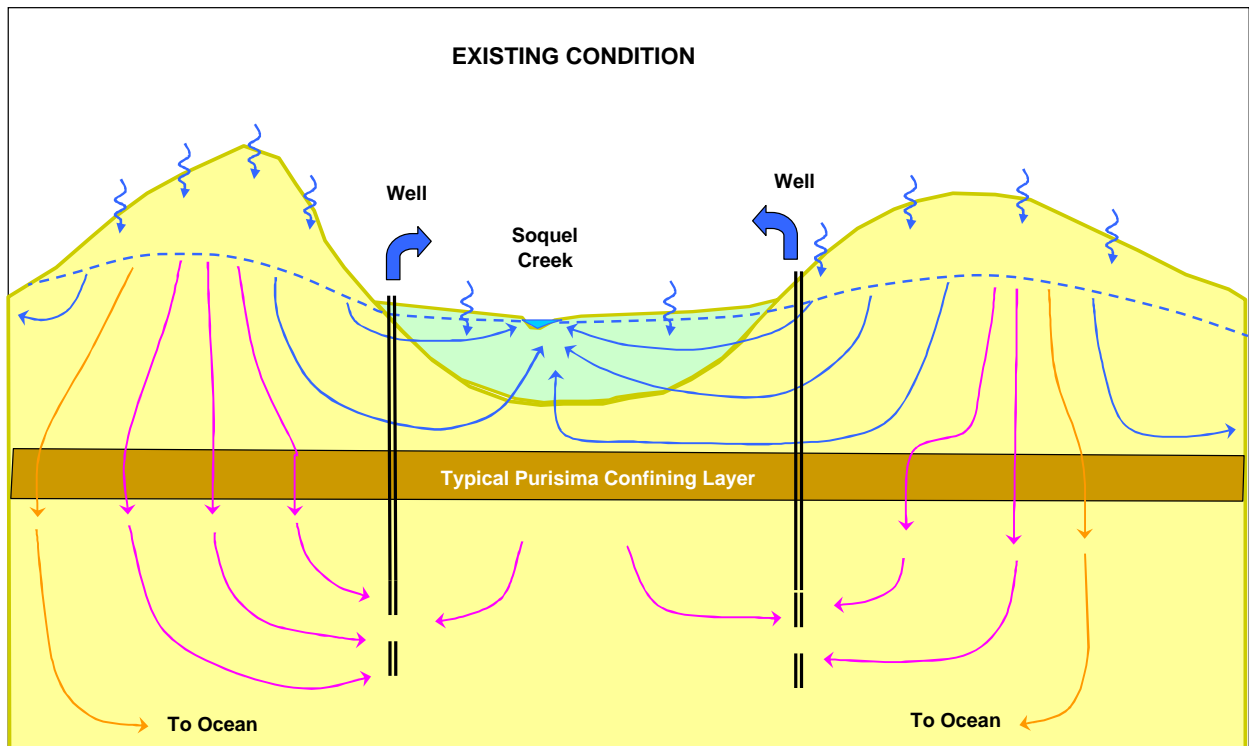
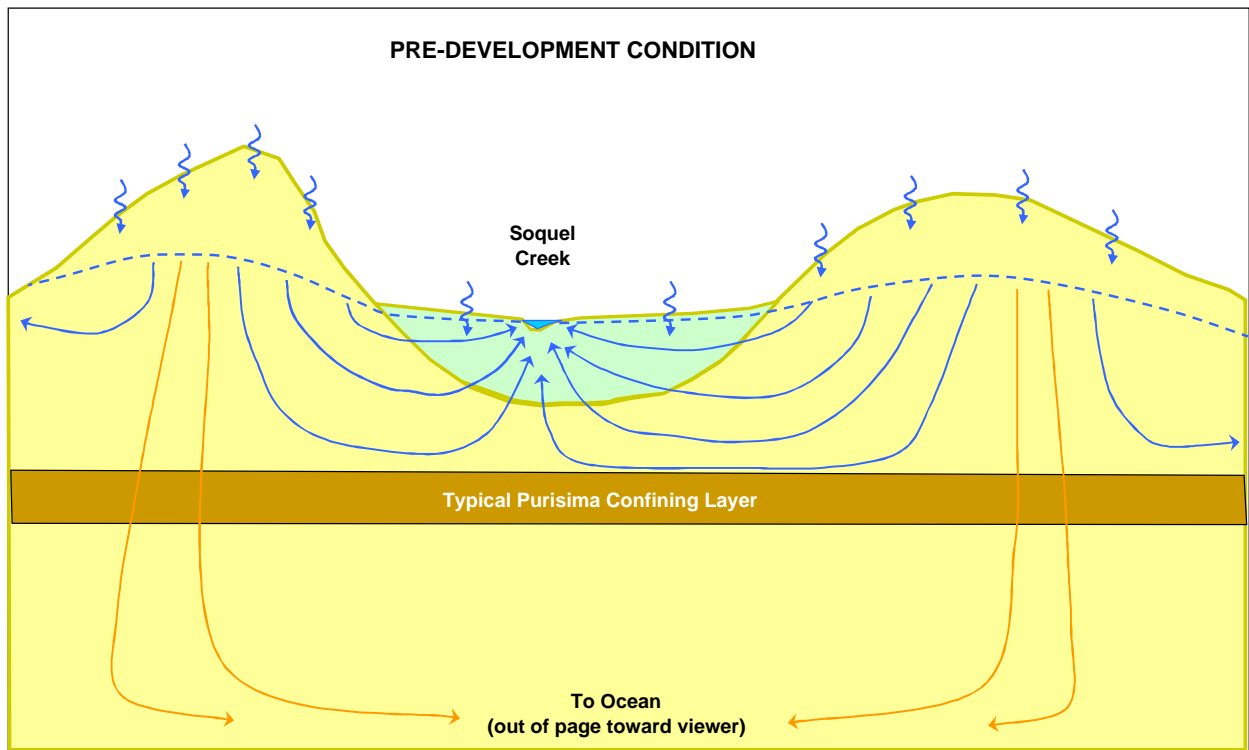


Figure 7-6
Conceptualized Hydrogeologic Sections Across Soquel Creek, View Upstream

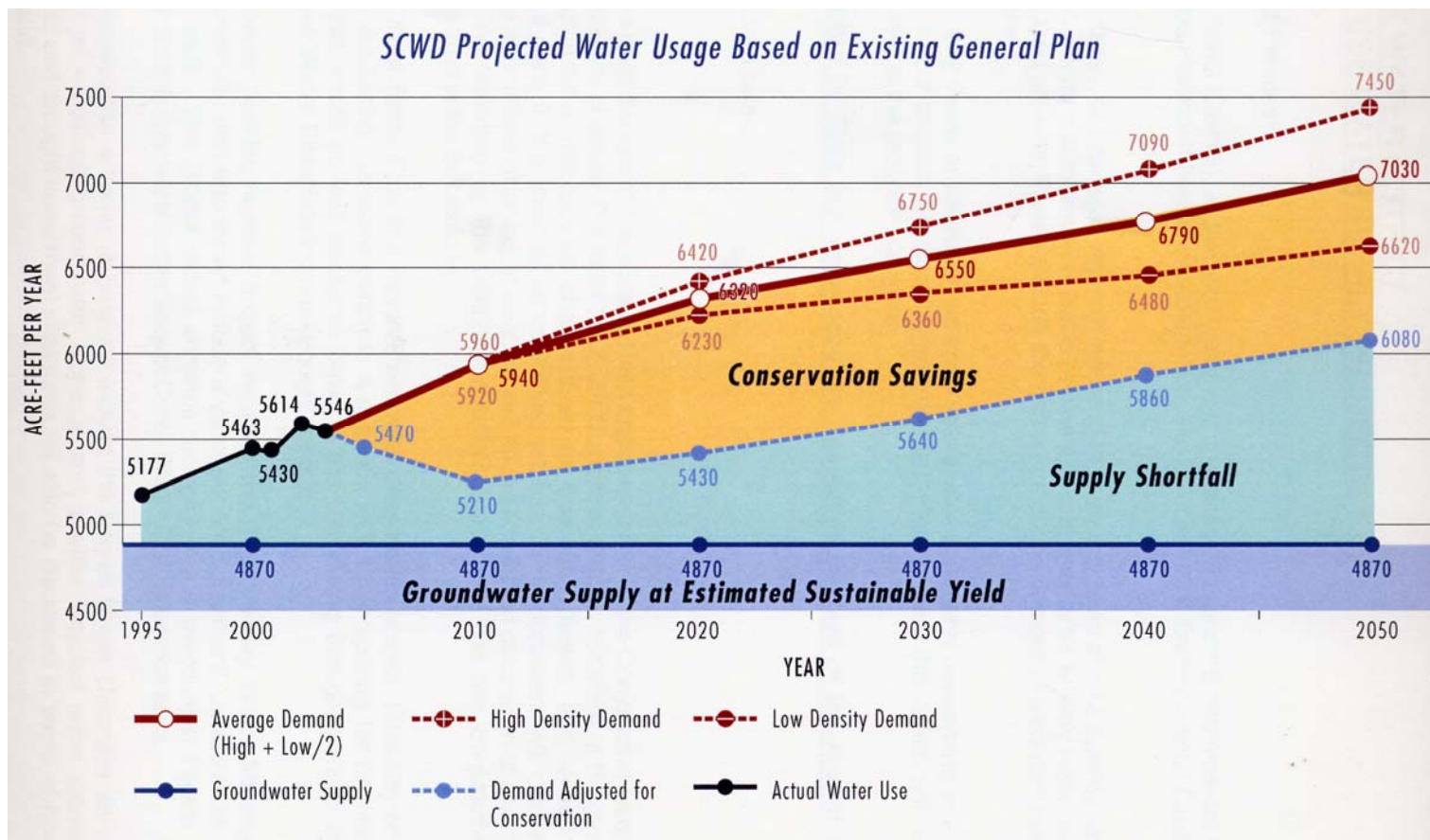
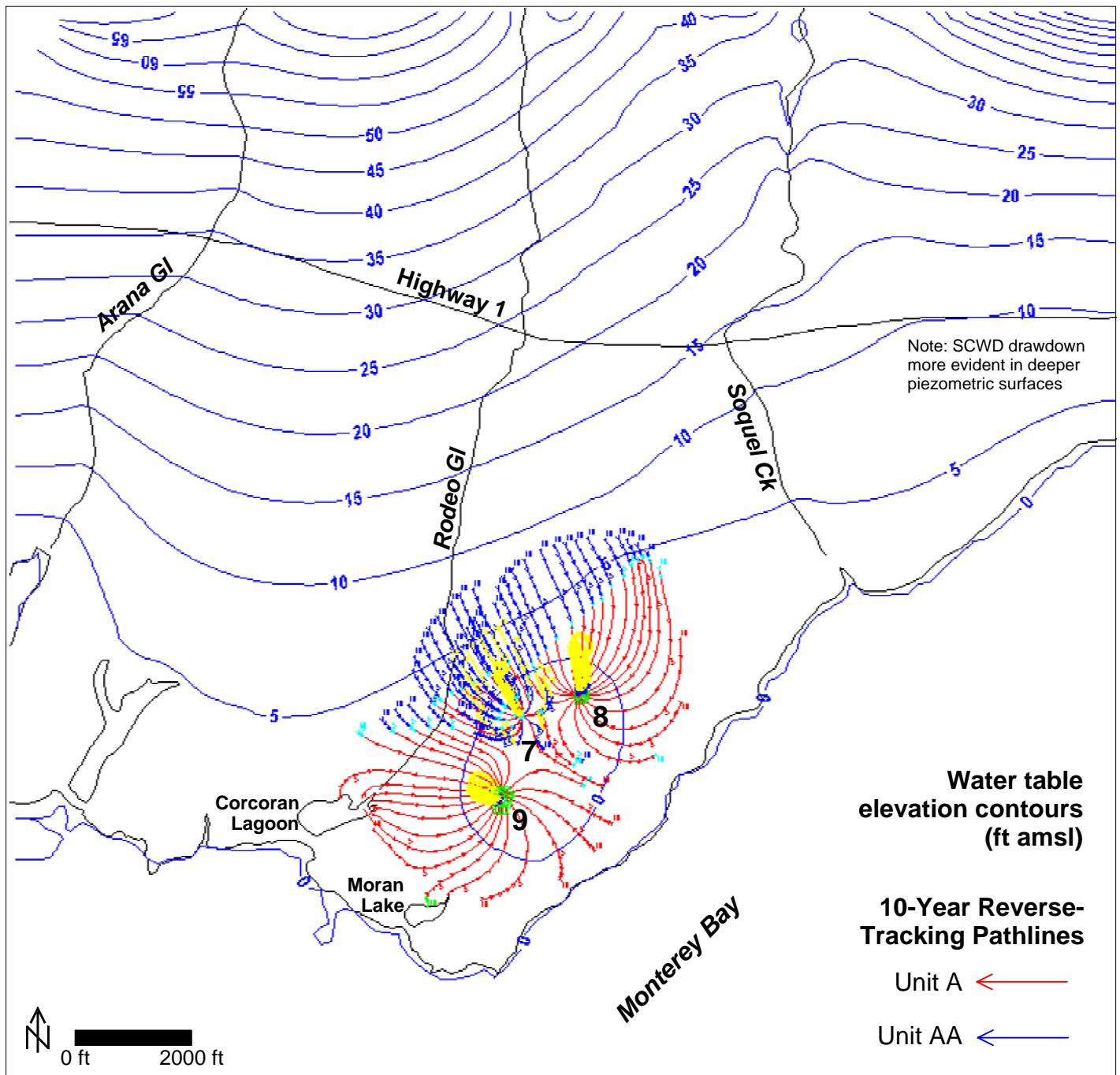


Figure 8-1
SCWD Projected Water Supply and Use
 (from SCWD, May 2004)



Assumes constant total pumping rate of 1.1.mgd for three Beltz wells and 2.1 mgd for six SCWD Service Area I wells.
 Assumed areal recharge is 6.5 in/yr.
 See Table 3-12 for assumed aquifer properties.

Figure 8-2
Simulated Water Table and Groundwater
Pathlines for Beltz Wellfield
(from Johnson, 2003)