

both the Santa Rosa and San Simeon Creeks, it is possible to divert up to 5.17 cfs of wet weather flow into long term storage, as envisioned by the San Simeon Off-channel Storage, Hard Rock ASR, and Whale Rock Reservoir water supply concepts. Potential runoff capture with the considered water supply concepts was estimated using a daily water balance analysis of historical hydrology, minimum Steelhead Trout flow requirements, consumptive demand, and diversion permit limits. If constrained to the currently permitted diversions of 5.17 cfs, the estimated long term average annual runoff capture and storage potential is 470 afy.

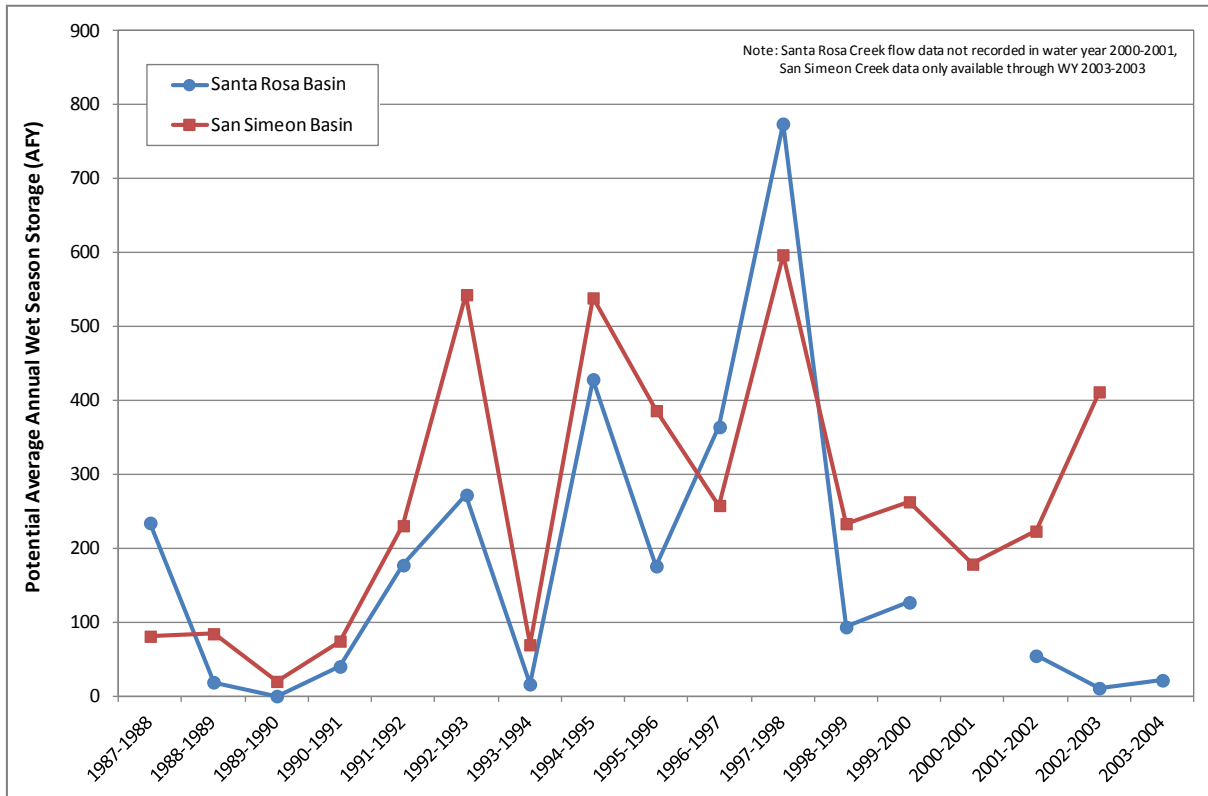


Figure 2-1 Hydrologic Variability in Estimated Wet Season Diversion from Santa Rosa Creek to the Proposed Hard Rock ASR Project

Table 2-1 Storage and Capacity Requirements to Allow for Long-Term Average Annual Wet Season Storage of 250 afy for San Simeon and Santa Rosa Creeks

Groundwater Basin	Pumping/Conveyance/ Recharge Capacity of Project (cfs)	Storage Capacity of Project (af)	Average Annual Wet Season Storage (afy)
San Simeon Creek	2.5	1,200	268
Santa Rosa Creek	2.67		202
Total	5.17	1,200	470