

TABLE 3- CALSIM 2015 v. 2010

Region	Update	Rational
American River	American River Flow Management Standard	Incorporation of existing regulatory standard. (2009 NMFS BiOp)
Contra Costa County	Los Vaqueros Expansion	Incorporation of existing physical feature. Capacity increased from 100 TAF to 160 TAF.
Sacramento Valley	Feather River rice decomposition demands and return flows	Update to better match existing diversion and use by non CVP-SWP water right holders on Feather River.
Sacramento Valley	Fremont Weir notch	Update to model future facility to reflect existing regulatory obligations
Sacramento Valley	American River and Sacramento River demand assumptions	Incorporation of existing upstream demand; full water rights and full contracts including Freeport Regional Water Project
Sacramento Valley	Folsom flood control improvements	Incorporation of existing physical feature
Delta	Hood minimum instream flow	Modification to improve performance of ANN when modeling proposed additional point of diversion
Delta	COA sharing	Fixed coding error to improve modeling of existing COA requirements.
Delta	Health and safety pumping limits	Incorporate recent drought year operations. 2014-2015 TUCP health and safety CVP-SWP diversion rate was a minimum of 1,500 cfs
San Joaquin River	Stanislaus River and New Melones operations consistent with FWS 2008 BiOp and 2009 NMFS BiOp	Incorporation of existing regulatory standard
San Joaquin River	Removed Vernalis Adaptive Management Program (VAMP)	Incorporation of existing regulatory standard. VAMP expired. Incorporated existing San Joaquin River WQCP obligations.
San Joaquin River	San Joaquin River Restoration Program Flows	San Joaquin River Restoration Program included qualitatively, however, releases as part of the program were not simulated because recapture/recirculation component has not been fully defined
South Delta	Update to south-of-Delta SWP demand	Incorporation of existing demand
General	Updated climate change inputs	Correction to Friant inflow adjustments; improvements to water year index adjustments for climate change
General	Software updates	Maintenance of model

Figure 11. Simulated Combined SWP and CVP Delta Exports

