Model/*results*	Tributaries
IFIM (PHABSIM, RIVER2D)/ *Spawing WUA, Fry & Juvenile rearing WUA*	Sacramento River - spawning WUA, fry & juvenile rearing WUA
	Clear Creek - spawning WUA
	Clear Creek - fry & juvenile rearing WUA
	American - spawning WUA
	Stanislaus - spawning WUA, fry & juvenile rearing WUA
IFIM (PHABSIM)/*Spawning WUA, Fry & Juvenile rearing WUA*	Feather - spawning WUA
	Feather - juvenile rearing WUA
IFIM (PHABSIM, RIVER2D)/ *Fry & Juvenile rearing WUA*	Trinity
Redd Dewatering Models/*% of redds dewatered*	Sacramento River
Redd Dewatering Data	Clear Creek
Redd Scour Analysis/*% of months with scouring flows*	Sacramento River American River
SALMOD - post-processing	Sacramento River
Egg Mortality model - post-processing	Sacramento River Stanislaus, Feather, Trinity
Floodplain Inundation Area vs. Flow Relationships	Stanislaus River Lower San Joaquin River
Floodplain Inundation Area vs. Flow Relationships	Stanislaus River Lower San Joaquin River Sacramento, upper Sacramento, upper-mid Sacramento, lower Feather American

	Sutter Bypass Yolo Bypass
Flow-Habitat Relationship for Benthic Macroinvertebrates (prey for juveniles salmonids)	Sacramento River

Species/Runs/Life Stages	Level of Effort*	Source
Winter-run, Spring-run (use fall-run as proxy), FR, LFR, Steelhead	5 days	USFWS 2006, Appdx G USFWS 2005a, Appdx I USFWS 2005b, Appdx J
Fall-run (spring-run proxy?) Steelhead	3 days	USFWS 2011a, Appdx K
Spring-run and SH (Upper CC) SR, FR, and SH (Lower CC)	4 days	USFWS 2011b, Appdx K USFWS 2013, Appdx L
Fall-run Steelhead	2 days	USFWS 2003, Appdx E
Fall-run, fry & juvenile rearing Steelhead, fry & juvenile rearing	3 days	Reclamation 2012, Tbl.14
Fall-run, spawning/incubation Steelhead spawning/incubation		Aceituno 1993, Appdx D
Chinook (fall-run) Steelhead	4 days	DWR 2004, Figs. 5.5-1 & 5.5-2 Sites DEIR/S Tbl. 12L-8&9
Chinook (fall-run) Steelhead		Payne, SWRI, DWR 2002, Fig. 2
Chinook, fry & juvenile rearing Coho, fry & juvenile rearing Steelhead, fry & juvenile rearing	5 days	Gallagher-USFWS 1999
Winter-run, Steelhead Fall-run and Late fall-run Spring-run (using fall-run as proxy)	8 days	USFWS 2006
Fall-run	2 days	USFWS 2105, Table 4
All Chinook salmon runs and Steelhead	3 days	CWF BA, Appdx 5D
All Chinook salmon runs	7 days	
All Chinook salmon runs Fall-run	2 days	
All Chinook salmon runs and Steelhead	5 days	SWRCB 2018, Table 19-18 USFWS 2014, Fig. 12 SWRCB 2018, Table 19-21
All Chinook salmon runs and Steelhead, depending on stream.	8 days	Results from SIT model

All Chinook salmon runs and Steelhead	5 days	USFWS 2006

*Level of effort assumes CalSim II results already received.

Comments
Flow vs. WUA relationships for Sac, American, Stanislaus rivers and Clear Creek may be taken from lookup tables in SITS model.
Validity of spawning WUA results uncertain. Use not recommended
Flow vs spawning WUA relationship for Feather may be taken from lookup tables in SITS model.
Validity of rearing WUA results uncertain. Use not recommended
Applicability of results unceratin Use not recommended
Uses daily time-step. Files very large
Flows vs.floodplain inundation rearing habitat area relationships will be taken from lookup tables in SIT Model.