

| Model/results | Tributaries |
|---|---|
| IFIM (PHABSIM, RIVER2D)/ <i>Spawning WUA, Fry & Juvenile rearing WUA</i> | 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 |
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| IFIM (PHABSIM)/ <i>Spawning WUA, Fry & Juvenile rearing WUA</i> | Feather - spawning WUA |
| | Feather - juvenile rearing WUA |
| IFIM (PHABSIM, RIVER2D)/ <i>Fry & Juvenile rearing WUA</i> | Trinity |
| Redd Dewatering Models/ <i>% of redds dewatered</i> | Sacramento River |
| Redd Dewatering Data | Clear Creek |
| Redd Scour Analysis/ <i>% of months with scouring flows</i> | 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 |

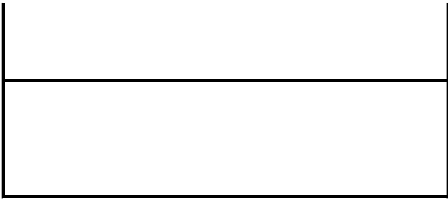
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|---|------------------------------|
| | Sutter Bypass Yolo Bypass |
| Flow-Habitat Relationship for Benthic Macroinvertebrates (prey for juveniles salmonids) | Sacramento River |

| 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 |

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| All Chinook salmon runs and Steelhead | 5 days | USFWS 2006 |
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*Level of effort assumes
CalSim II results already
received.

| Comments |
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| 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 uncertain Use not recommended |
| Uses daily time-step. Files very large |
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| Flows vs.floodplain inundation rearing habitat area relationships will be taken from lookup tables in SIT Model. |
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