

Table 19-15. Summary of Mean Annual Temperature Benefits Combined for the Stanislaus, Tuolumne, and Merced Rivers from Different February through June Unimpaired Flow (UF) Percentages for all Modeled Water Years.

Life Stage	Month	USEPA Criteria (°F)	Maximum Compliance Possible (Mile-Days)	Total Compliance under Baseline (Mile-Days)	% of Maximum Compliance Achieved					
					Baseline	20% UF	30% UF	40% UF	50% UF	60% UF
AM	Sep	64.4	4,926	1,222	25%	26%	25%	30%	29%	28%
AM	Oct	64.4	5,090	3,268	64%	70%	69%	72%	72%	71%
R	Oct	55.4	5,090	343	7%	7%	6%	7%	5%	5%
R	Nov	55.4	4,926	1,430	29%	31%	29%	30%	28%	26%
R	Dec	55.4	5,090	4,677	92%	95%	95%	95%	94%	94%
R	Jan	55.4	5,090	4,972	98%	98%	98%	98%	98%	98%
R	Feb	55.4	4,762	3,806	80%	80%	81%	83%	84%	85%
R	Mar	55.4	5,090	2,574	51%	52%	55%	57%	62%	66%
CR	Mar	60.8	5,090	4,382	86%	87%	90%	93%	95%	96%
CR	Apr	60.8	4,926	3,388	69%	71%	78%	83%	87%	91%
CR	May	60.8	5,090	2,730	54%	60%	68%	73%	78%	82%
S	Apr	57.2	4,926	2,353	48%	49%	53%	56%	61%	66%
S	May	57.2	5,090	1,612	32%	34%	38%	42%	49%	54%
S	Jun	57.2	4,926	851	17%	19%	21%	23%	26%	28%
SR	Jun	64.4	4,926	2,275	46%	53%	59%	63%	68%	71%
SR	Jul	64.4	5,090	1,387	27%	28%	27%	30%	30%	29%
SR	Aug	64.4	5,090	1,007	20%	21%	19%	19%	19%	18%

AM = Adult Migration
R = Reproduction (Spawning, Egg Incubation, and Fry Emergence)
CR = Core Rearing
S = Smoltification
SR = Summer Rearing