

Table 3D-33. Summary of Simulated Daily Water Temperatures in August and October at Two Locations in the Middle Owens River for the Point of Reference and the No-Diversion Alternative

Alternative or Condition	Pleasant Valley Reservoir Release (cfs)	Flow Percentile	Owens River at Five Bridges Road			Owens River at Big Pine Canal			
			Occurrences at 53-66°F ^a	Occurrences at 66-80°F ^b	Occurrences Exceeding 80°F ^c	Occurrences Less Than 55°F	Occurrences at 53-66°F ^a	Occurrences at 66-80°F ^b	Occurrences Exceeding 80°F ^c
August									
Point of reference	209	20	12	19	0	--	0	31	0
	521	50	20	11	0	--	2	29	0
	628	80	22	9	0	--	8	23	0
No diversion	153	20	9	22	0	--	0	31	0
	231	50	13	18	0	--	0	31	0
	609	80	22	9	0	--	9	22	0
October									
Point of reference	186	20	31	0	0	1	31	0	0
	332	50	31	0	0	1	31	0	0
	467	80	31	0	0	1	31	0	0
No diversion	121	20	31	0	0	3	31	0	0
	220	50	30	1	0	2	29	2	0
	315	80	31	0	0	1	31	0	0

^a Number of days that mean daily water temperatures fall within the optimum range for brown trout juveniles and adults reported by Raleigh et al. 1986.

^b Number of days that mean daily water temperatures fall within the suboptimum range for brown trout juveniles and adults reported by Raleigh et al. 1986.

^c Number of days that maximum daily water temperatures exceed the upper tolerance limit for brown trout juveniles and adults reported by Raleigh et al. 1986.

^d Number of days that mean daily water temperatures fall within the optimum range for brown trout spawning and incubation reported by Raleigh et al. 1986.