

Table 3D-20. Brown Trout and Rainbow Trout Adult and Spawning Habitat (Weighted Usable Area) in Upper Owens River for Dry (20%), Normal (50%), and Wet (80%) Hydrologic Conditions by Alternative, 1940-1989 Hydrologic Period

Alternative and Flow Percentile	Brown Trout Adult WUA	Percent Difference from Point of Reference	Brown Trout Spawning WUA	Percent Difference from Point of Reference	Rainbow Trout Adult WUA	Percent Difference from Point of Reference	Rainbow Trout Spawning WUA	Percent Difference from Point of Reference
Point of Reference								
20	396,742	0.0	312,223	0.0	410,713	0.0	732,197	0.0
50	493,695	0.0	369,621	0.0	501,671	0.0	610,590	0.0
80	536,347	0.0	243,317	0.0	544,416	0.0	504,925	0.0
No Restriction								
20	421,561	6.3	355,022	13.7	434,370	5.8	725,055	-1.0
50	526,389	6.6	348,997	-5.6	532,205	6.1	554,575	-9.2
80	526,634	-1.8	222,370	-8.6	536,555	-1.4	457,368	-9.4
6,372-Ft								
20	342,029	-13.8	268,677	-13.9	356,981	-13.1	766,937	4.7
50	491,195	-0.5	351,739	-4.8	499,836	-0.4	684,690	12.1
80	542,344	1.1	136,301	-44.0	548,501	0.8	580,082	14.9
6,377-Ft								
20	287,745	-27.5	252,864	-19.0	303,260	-26.2	754,223	3.0
50	443,913	-10.1	347,042	-6.1	454,060	-9.5	728,470	19.3
80	541,583	1.0	195,703	-19.6	547,512	0.6	594,276	17.7
6,383.5-Ft								
20	264,590	-33.3	247,610	-20.7	280,332	-31.7	727,363	-0.7
50	364,666	-26.1	349,508	-5.4	378,999	-24.5	754,169	23.5
80	521,712	-2.7	339,572	39.6	528,399	-2.9	683,214	35.3
6,390-Ft								
20	250,315	-36.9	231,709	-25.8	266,280	-35.2	697,534	-4.7
50	339,674	-31.2	349,508	-5.4	354,181	-29.4	750,032	22.8
80	489,943	-8.7	339,572	39.6	497,668	-8.6	732,975	45.2
6,410-Ft								
20	243,030	-38.7	225,214	-27.9	258,799	-37.0	685,944	-6.3
50	304,237	-38.4	277,825	-24.8	319,175	-36.4	747,303	22.4
80	373,612	-30.3	336,802	38.4	385,931	-29.1	748,778	48.3
No Diversion								
20	241,059	-39.2	212,088	-32.1	256,729	-37.5	669,205	-8.6
50	303,314	-38.6	264,818	-28.4	318,267	-36.6	730,493	19.6
80	371,697	-30.7	307,873	26.5	383,984	-29.5	767,279	52.0

WUA = weighted usable area.