

Table 1.— Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs)	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY03 Fall	BY04 Late-fall	BY04 Winter	BY03 Spring	BY04 Steelhead
7/12/04	15,700	14.1	2.4	9,311 (66 – 140)	1,276 (43 – 65)	0	63 (147)	696 (25 – 90)
7/13/04	15,600	14.1	2.1	6,058 (66 – 100)	1,120 (37 – 65)	0	0	185 (28 – 66)
7/14/04	15,600	-	-	-	-	-	-	-
7/15/04	15,600	-	-	-	-	-	-	-
7/16/04	15,600	-	-	-	-	-	-	-
7/17/04	15,700	14.3	2.3	6,788 (68 – 100)	1,248 (57 – 67)	0	0	977 (30 – 157)
7/18/04	15,600	14.2	2.4	5,182 (69 – 98)	1,019 (58 – 67)	255 (31 – 36)	0	1,020 (24 – 66)
7/19/04	15,600	14.2	2.1	6,730 (69 – 99)	1,616 (38 – 68)	258 (33 – 37)	0	1,408 (26 – 85)
7/20/04	15,500	14.3	2.1	5,623 (69 – 102)	1,687 (39 – 68)	420 (34 – 38)	0	1,530 (25 – 59)
7/21/04	15,400	14.4	2.3	8,026 (70 – 114)	2,437 (51 – 69)	126 (31 – 32)	0	1,791 (35 – 62)
7/22/04	16,700	14.4	2.4	5,660 (70 – 105)	1,685 (39 – 69)	290 (36 – 38)	0	983 (27 – 140)
7/23/04	16,600	14.0	2.5	9,187 (71 – 102)	2,902 (39 – 70)	187 (35 )	0	1,309 (27 – 64)
7/24/04	16,700	-	-	-	-	-	-	-
7/25/04	16,600	13.8	2.5	4,376 (72 – 109)	1,690 (40 – 71)	485 (34 – 38)	62 (164)	804 (25 – 131)
<b>Biweekly total<sup>1</sup></b>				95,302	22,714	2,615	156	14,268
<b>Brood-year total</b>				28,891,066	54,086	2,676	621,690	31,117

<sup>1</sup> Biweekly totals reflect estimated passage for each date of the biweekly period. Therefore, biweekly totals may be greater than the sum of the daily estimates presented in this table. To estimate daily passage for days that were not sampled, we used a mean daily passage from the sample immediately preceding and following the un-sampled day. When consecutive days were not sampled, we calculated a mean daily passage for that period by noting the number of days not sampled and then calculating a mean daily passage using the same number of samples immediately preceding and following the un-sampled period (e.g., if three consecutive days were not sampled, we calculated a mean daily passage for each day using the three samples immediately preceding and following the un-sampled period).