

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	BY04 Spring <sup>1</sup>	BY04 Steelhead
10/7/04	7,550	15.2	1.2	0	296 (65 – 98)	35,597 (28 – 61)	0	195 (57 – 145)
10/8/04	7,550	15.1	1.4	0	297 (66 – 110)	30,007 (29 – 59)	0	167 (59 – 78)
10/9/04	7,580	14.8	1.3	0	572 (68 – 111)	42,262 (29 – 62)	0	70 (68 – 84)
10/10/04	7,970	14.0	1.4	0	723 (65 – 102)	50,854 (29 – 64)	0	82 (73 – 76)
10/11/04	7,960	14.1	1.3	0	374 (73 – 112)	51,638 (30 – 65)	0	79 (59 – 124)
10/12/04	7,990	14.3	1.2	0	1,156 (66 – 108)	41,298 (29 – 65)	0	119 (55 – 67)
10/13/04	8,210	14.6	1.3	0	308 (68 – 110)	40,287 (29 – 66)	0	78 (78 – 84)
10/14/04	8,110	14.7	1.3	0	569 (67 – 97)	35,130 (31 – 63)	0	40 (64)
10/15/04	8,010	14.5	1.3	0	114 (69 – 100)	20,619 (30 – 67)	0	38 (64)
10/16/04	8,370	14.2	1.3	0	251 (69 – 111)	20,669 (34 – 67)	2,405 (29 – 33)	125 (54 – 78)
10/17/04	8,450	14.0	1.3	0	348 (69 – 112)	28,253 (34 – 66)	2,393 (30 – 33)	87 (67 – 72)
10/18/04	8,850	13.2	1.7	0	624 (69 – 102)	17,830 (35 – 68)	2,303 (30 – 34)	0
10/19/04	8,710	12.7	2.0	0	699 (69 – 107)	51,282 (35 – 68)	13,986 (30 – 34)	232 (61 – 69)
10/20/04	10,000	12.7	1.9	0	949 (70 – 123)	48,925 (35 – 67)	9,800 (31 – 34)	95 (72)
<b>Biweekly total<sup>2</sup></b>				0	7,280	514,651	30,887	1,407
<b>Brood-year total</b>				28,953,778	134,269	2,933,183	30,887	152,843

<sup>1</sup> BY04 spring run emergence begins 10/16/04, according to length-at-date criteria. BY03 estimated annual passage: 621,690.

<sup>2</sup> Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. 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).