

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				
				BY04 Fall	BY05 Late-fall	BY05 Winter	BY04/05 Spring ¹	BY05 Steelhead
10/8/05	8,670	14.1	1.6	0	736 (66-68)	163,957 (32 – 57)	0	209 (59 – 84)
10/9/05	8,740	14.0	1.7	0	0	126,638 (31 – 61)	0	104 (62 – 68)
10/10/05	9,610	14.0	2.4	0	970 (67 – 68)	199,327 (33 – 64)	0	59 (52)
10/11/05	9,850	14.0	1.6	0	0	222,843 (32 – 64)	0	120 (64 – 74)
10/12/05	10,000	14.0	1.9	0	0	147,937 (30 – 63)	0	0
10/13/05	9,850	14.0	1.6	144 (126)	184 (112)	170,696 (32 – 64)	0	130 (44 – 89)
10/14/05	9,570	14.3	1.6	0	398 (73 - 115)	106,815 (30 – 64)	0	0
10/15/05	8,790	14.2	1.7	0	329 (70 – 117)	50,129 (30 – 65)	0	0
10/16/05	8,900	13.6	2.3	0	133 (111 - 112)	72,049 (34 – 67)	1,862 (30 - 33)	67 (68)
10/17/05	8,880	14.3	1.8	0	390 (68 - 118)	52,409 (34 – 67)	1,851 (31 - 33)	58 (62)
10/18/05	8,950	14.3	1.7	0	316 (69 – 88)	44,262 (35 – 67)	9,772 (30 – 34)	0
10/19/05	8,910	14.4	1.5	39 (128)	317 (70 – 87)	31,067 (35 – 68)	4,576 (31 – 34)	0
10/20/05	7,800	14.1	1.7	0	381 (70 – 106)	34,215 (35 – 69)	2,511 (32 – 34)	151 (82 – 119)
10/21/05	7,890	14.2	2.0	0	578 (70 – 123)	49,061 (35 – 68)	4,959 (30 – 34)	82 (57 – 91)
Biweekly total²				183	4,732	1,471,405	25,531	980
Brood-year total				13,124,296	95,896	7,667,627	25,531	80,797

¹ Brood-year 2004 ends on 10/15/05 according to length at date criteria. Total estimated passage of BY 2004 Spring Chinook = 421,341. Daily estimates beginning 10/16/05 refer to BY 05 spring Chinook.

² 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).