

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	BY04 Steelhead
11/4/04	6,860	12.5	1.3	0	36 (90)	2,010 (40 – 73)	108 (29 – 36)	0
11/5/04	6,760	12.8	1.6	0	74 (101 – 117)	6,794 (39 – 75)	222 (29 – 35)	0
11/6/04	6,530	13.2	1.2	0	178 (87 – 115)	5,563 (40 – 76)	143 (34 – 35)	0
11/7/04	6,240	13.4	1.4	0	309 (80 – 110)	4,650 (40 – 74)	34 (36)	34 (99)
11/8/04	6,010	13.4	1.5	0	136 (83 – 94)	2,549 (40 – 74)	34 (35)	34 (79)
11/9/01	5,990	13.7	1.3	0	0	982 (42 – 77)	34 (33)	0
11/10/04	5,970	13.5	1.3	0	0	699 (42 – 71)	31 (39)	0
11/11/04	6,010	13.4	1.2	0	34 (121)	504 (45 – 72)	101 (31 – 39)	34 (72)
11/12/04	5,910	13.4	1.0	0	131 (92 – 135)	1,775 (41 – 77)	66 (32 – 33)	66 (71 – 78)
11/13/04	6,530	13.6	1.1	0	183 (84 – 108)	2,848 (44 – 78)	36 (34)	0
11/14/04	6,390	13.4	0.8	0	178 (87 – 109)	2,986 (41 – 80)	178 (34 – 35)	71 (97 – 101)
11/15/04	6,180	12.9	1.1	0	140 (87 – 106)	2,162 (41 – 79)	35 (34)	0
11/16/04	5,950	13.0	1.1	0	35 (85)	2,037 (44 – 77)	211 (31 – 35)	0
11/17/04	5,680	13.1	1.2	0	192 (88 – 106)	3,414 (42 – 75)	97 (30 – 34)	33 (127)
Biweekly total¹				0	1,626	38,973	1,330	272
Brood-year total				28,954,040	144,123	3,175,066	56,334	153,997

¹ 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).