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.

				Estimated passage				
Date	Discharge volume (cfs) [1]	Water temperature (°C)	Water turbidity (NTU)	BY08 Fall	BY08 Late-fall	BY08 Winter	BY08 Spring	BY09 Steelhead
1/1/09	4,910	8.9	3.4	27,044 (30 − 41)	69 (115 − 130)	169 (72 − 90)	144 (42 − 43)	0 (−)
1/2/09	4,630	8.5	2.6	33,738 (31 − 40)	0 (−)	144 (85 − 111)	73 (42)	0 (−)
1/3/09	5,570	7.8	4.1	36,466 (31 − 41)	77 (114 − 118)	193 (58 − 108)	80 (44 − 45)	0 (−)
1/4/09	5,130	7.0	4.4	82,670 (29 − 39)	0 (−)	175 (85 − 95)	204 (45)	0 (−)
1/5/09	4,630	7.2	3.1	39,424 (30 − 40)	60 (119)	0 (−)	0 (−)	0 (−)
1/6/09	4,610	7.9	2.3	20,145 (29 − 40)	60 (188)	0 (−)	0 (−)	0 (−)
1/7/09	4,610	8.5	2.8	20,054 (32 − 42)	35 (140)	217 (59 − 109)	105 (46 − 56)	0 (−)
1/8/09	4,610	8.9	2.6	7,621 (32 − 42)	0 (−)	121 (66 − 105)	61 (49)	0 (−)
1/9/09	4,590	8.8	2.5	11,702 (29 − 41)	0 (−)	116 (63 − 65)	57 (46)	0 (−)
1/10/09	4,610	8.3	2.0	55,475 (32 − 41)	0 (−)	75 (83 − 96)	75 (45 − 52)	0 (−)
1/11/09	4,610	8.3	2.2	53,985 (32 − 42)	0 (−)	0 (−)	33 (46)	0 (−)
1/12/09	4,610	9.3	1.8	48,880 (29 − 42)	0 (−)	36 (88)	0 (−)	101 (79 − 123)
1/13/09	4,610	9.7	1.9	38,788 (31 − 44)	73 (121)	210 (76 − 104)	0 (−)	0 (−)
1/14/09	4,610	9.3	2.6	57,389 (29 − 44)	0 (−)	0 (−)	0 (−)	0 (−)
Biweekly total [2]				533,381	374	1,456	832	101
Biweekly Lower 90% Confidence Interval				412,035	29	671	267	-16
Biweekly Upper 90% Confidence Interval				654,727	719	2,241	1,397	218
Brood-year total				968,761	91,677	1,230,225	41,465	101
Brood-year Lower 90% Confidence Interval				713,224	49,224	800,804	27,203	-16
Brood-year Upper 90% Confidence Interval				1,224,298	134,130	1,659,645	55,727	218

[1] Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd).

[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 impute missed sample days with the weekly mean value of days sampled within the week.