

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) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY08 Fall	BY09 Late-fall	BY08 Winter	BY08 Spring	BY09 Steelhead
4/23/09	7,560	11.3	6.1	8,218 (40 – 85)	508 (34 – 39)	116 (137 – 170)	1,185 (86 – 95)	39 (63)
4/24/09	8,430	11.3	5.2	169,391 (60 – 86)	482 (36 – 38)	0 (-)	1,987 (87 – 88)	60 (42)
4/25/09	8,630	12.2	-	-	-	-	-	-
4/26/09	8,850	12.8	-	-	-	-	-	-
4/27/09	8,960	13.3	-	-	-	-	-	-
4/28/09	9,530	12.3	-	-	-	-	-	-
4/29/09	9,560	11.6	6.3	11,540 (45 – 89)	916 (33 – 38)	0 (-)	216 (91 – 95)	54 (48)
4/30/09	9,950	11.9	5.2	17,627 (44 – 89)	733 (32 – 39)	46 (146)	302 (90 – 100)	43 (48)
5/1/09	10,300	12.6	6.3	11,082 (47 – 89)	478 (32 – 39)	42 (162)	422 (91 – 119)	42 (199)
5/2/09	10,900	13.4	-	-	-	-	-	-
5/3/09	12,600	13.9	-	-	-	-	-	-
5/4/09	14,100	14.3	-	-	-	-	-	-
5/5/09	16,100	14.7	-	-	-	-	-	-
5/6/09	17,500	14.8	-	-	-	-	-	-
Biweekly total ²				558,193	8,687	580	10,438	657
<i>Biweekly Lower 90% Confidence Interval</i>				-430,936	-11,062	-2,709	-11,780	-2,852
<i>Biweekly Upper 90% Confidence Interval</i>				1,547,322	28,436	3,869	32,656	4,166
Brood-year total				7,906,431	16,557	1,242,249	162,046	2,901
<i>Brood-year Lower 90% Confidence Interval</i>				3,628,227	6,571	794,884	65,638	-656
<i>Brood-year Upper 90% Confidence Interval</i>				12,184,635	26,543	1,689,614	258,455	6,459

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.