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) | BY09 Fall | BY09 Late-fall | BY09 Winter | BY09 Spring | BY10 Steelhead |
| 2/26/10 | 11,000 | 10.6 | 12.6 | 7,002 (33 − 39) | 0 ( − ) | 0 ( − ) | 0 ( − ) | 0 ( − ) |
| 2/27/10 | 24,100 | 10.2 | – | – | – | – | – | – |
| 2/28/10 | 19,000 | 10.6 | 94.9 | 130,342 (29 − 57) | 0 ( − ) | 357 (123) | 0 ( − ) | 0 ( − ) |
| 3/1/10 | 11,700 | 10.8 | 30.5 | 22,741 (31 − 56) | 48 (196) | 144 (95 − 152) | 99 (65 − 71) | 0 ( − ) |
| 3/2/10 | 9,570 | 10.8 | 16.2 | 8,365 (31 − 53) | 0 ( − ) | 73 (126 − 152) | 0 ( − ) | 0 ( − ) |
| 3/3/10 | 11,000 | 10.1 | 39.6 | 5,962 (33 − 60) | 0 ( − ) | 43 (108) | 86 (66 − 76) | 0 ( − ) |
| 3/4/10 | 21,600 | 9.2 | – | – | – | – | – | – |
| 3/5/10 | 13,000 | 9.8 | 13.7 | 22,461 (30 − 61) | 0 ( − ) | 270 (101 − 140) | 0 ( − ) | 0 ( − ) |
| 3/6/10 | 9,810 | 10.5 | – | 12,485 (31 − 55) | 0 ( − ) | 121 (111 − 112) | 40 (66) | 0 ( − ) |
| 3/7/10 | 8,600 | 11.2 | 9.7 | 7,352 (31 − 56) | 0 ( − ) | 0 ( − ) | 0 ( − ) | 0 ( − ) |
| 3/8/10 | 7,840 | 11.5 | 8.3 | 2,908 (32 − 48) | 0 ( − ) | 34 (111) | 33 (74) | 0 ( − ) |
| 3/9/10 | 7,460 | 10.1 | 5.2 | 3,265 (27 − 48) | 0 ( − ) | 102 (111 − 140) | 0 ( − ) | 0 ( − ) |
| 3/10/10 | 7,360 | 9.6 | 5.9 | 1,993 (30 − 55) | 35 (185) | 0 ( − ) | 35 (66) | 0 ( − ) |
| 3/11/10 | 7,270 | 10.3 | 4.9 | 1,445 (33 − 62) | 0 ( − ) | 35 (125) | 35 (70) | 0 ( − ) |
| **Biweekly total** [2] | | | | **296,085** | **103** | **1,425** | **402** | **0** |
| *Biweekly Lower 90% Confidence Interval* | | | | -9,240 | -490 | -981 | -778 | 0 |
| *Biweekly Upper 90% Confidence Interval* | | | | 601,410 | 696 | 3,831 | 1,582 | 0 |
| **Brood-year total** | | | | **7,347,719** | **225,976** | **4,455,877** | **314,206** | **977** |
| *Brood-year Lower 90% Confidence Interval* | | | | 2,249,920 | 98,734 | 2,578,499 | 74,306 | -184 |
| *Brood-year Upper 90% Confidence Interval* | | | | 12,058,021 | 353,217 | 6,333,255 | 541,552 | 2,138 |

[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.