

TABLE 6. Chinook salmon observed and estimated total spawners in tributaries surveyed during the 1989-90 Trinity River spawner survey.

Tributary	Number observed	% flag recovery <sup>a/</sup>	Number estimated <sup>b/</sup>	% of total spawning <sup>c/</sup>	Estimated total spawners <sup>d/</sup>
Rush Ck.	29	59.3	49	100.0	49
Grass Valley Ck.	7	14.3	49	100.0	49
Indian Ck.	4	50.0	8	100.0	8
Reading Ck.	4	50.0	8	100.0	8
Browns Ck.	7	28.6	24	95.0	25
Weaver Ck.	37	60.6	61	100.0	61
Canyon Ck.	31	18.5	168	97.0	173
North Fork Trinity R.	8	33.3	24	20.0	120
Totals:	127		391		493

a/ Percent of flagged chinook salmon which were subsequently recovered.

b/ The number of spawners estimated to have occurred in the survey zone computed from 'Number observed' divided by the decimal percentage of % flag recovery'.

c/ Percent of total spawning in each tributary that occurred in its respective survey zone. Determined from aerial and ground surveys.

d/ The total number of spawners estimated to have occurred in the tributary computed from 'Number estimated' divided by the decimal percentage of % of total spawning'.