

Appendix 1. Summary of chinook salmon carcasses recovered during the 1989-90 mainstem Trinity River spawner survey.

Survey week	Date begun	Ad-clips	Program c/ marks d/	Chinook flagged b/		Flag recovery f/	Unmarked chinook a/					Week totals h/
				A&I ts	Grilse e/		Females			Unknown g/		
							Males	Spawned	Unspawned		Percent unspawned	
1	18-Sep	22	16	222	0	0	19	4	53	93.0	195	531
2	25-Sep	21	11	496	7	73	22	13	85	86.7	186	841
3	02-Oct	21	20	423	13	201	47	57	59	50.9	140	780
4	09-Oct	21	18	449	9	187	29	22	13	37.1	79	640
5	16-Oct	12	9	264	14	189	33	24	18	42.9	139	513
6	23-Oct	4	13	257	9	112	29	23	16	41.0	117	468
7	30-Oct	28	21 (2)	487	16	105	84	64	40	38.5	134	872
8	06-Nov	27	29 (3)	803	18	198	97	78	44	36.1	107	1,200
9	13-Nov	30	26 (1)	656	13	254	119	88	20	18.5	72	1,023
10	20-Nov	6	25	538	6	367	44	51	14	21.5	74	758
11	27-Nov	1	17	176	6	346	111	181	26	12.6	111	629
12	04-Dec	2	4	3	1	182	49	75	32	29.9	111	277
13	11-Dec	0	2	0	0	30	11	23	2	8.0	37	75
14	18-Dec	0	1	0	0	23	20	5	8	61.5	41	75
15	25-Dec	0	2	0	0	6	7	4	2	33.3	25	40
16	01-Jan	0	1	0	0	1	3	2	1	33.3	27	34
17	08-Jan	0	0	0	0	2	2	3	0	0.0	14	19
18	15-Jan	0	0	0	0	0	0	0	0		3	3
19	22-Jan	0	0	0	0	0	1	0	0		6	7
<b>Totals:</b>		195	215 (6)	4,774	112	2,276	727	717	433		1,618	8,785
<b>Average:</b>										37.7		

a/ Includes chinook salmon which were not flagged, Ad-clipped, or Program-marked and were chopped in half upon recovery.

b/ Includes chinook salmon which were flagged that week for later recovery.

c/ Adipose fin-clipped fish.

d/ Includes chinook salmon which were previously marked (spaghetti tag/operculum punch) at various sites downstream of the survey area. Numbers in parenthesis were also Ad-clipped.

e/ During the survey, prior to analysis of this year's coded-wire tag data, chinook salmon <56 cm are assumed to be grilse, for tally purposes.

f/ Includes all recoveries that were flagged in previous weeks.

g/ Includes chinook salmon of unknown sex.

h/ Includes all newly observed chinook salmon. Does not include flagged fish recoveries that were re-examined that week.