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## A Review of the Babine River Counting Fence Biological Program 1987 and 1988

M.J. Jakubowski

Department of Fisheries and Oceans  
Prince Rupert, British Columbia  
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Sciences No.792

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Department of Fisheries and Oceans  
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#### ABSTRACT

Jakubowski, M.J., 1990. Review of the Babine River Counting Fence Biological Program for 1987 and 1988. Can. Data Rep. Fish. Aquat. Sci. 792: iii + 96 p.

This data report contains daily fence counts for, Sockeye, Chinook, Pink, Coho and Steelhead salmon (*Oncorhynchus*). Length, sex and where available age information for Sockeye, Pink, Chinook and Coho are presented as well.

In 1987 1,307,852 large Sockeye, 638,641 jack Sockeye, 711 large Chinook, 513 jack Chinook, 169,568 Pink, 1,894 Coho and 12 Steelhead were enumerated as they passed through the counting fence

In 1988 1,408,879 large Sockeye, 77,631 jack Sockeye, 1,057 large Chinook, 210 jack Chinook, 59,765 Pink 3,026 Coho and 58 Steelhead were counted. Population estimates for Sockeye escapement to the upper and lower Babine River for 1987 and 1988 are also included.

#### ABSTRACT

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La present rapport renferme le nombre de saumons (*Oncorhynchus*) nerkas, quinnats, roses, cohos et arc-en-ciels qui ont passe les barriers chaque jour. On y trouve egalement des donnees sur la longueur, le sexe et, le cas echeant, l'age des saumons rouges, roses, quinnats et cohos.

En 1987, 1 307 852 gros saumons nerkas, 638 641 saumons rouges juveniles a maturite precoce, 711 gros saumons quinnats, 513 saumons quinnats juveniles a maturite precoce, 169 568 saumons roses 1 894 saumons coho et 12 arc-en-ciels ont ete denombres aux barrieres.

En 1988, 1 408 879 gros saumons rouges, 77 631 saumons rouges juveniles a maturite precoce, 1 057 gros saumons quinnats 210 saumons quinnats juvenile a maturite precoce, 59 765 saumons roses, 3 026 saumons cohos et 58 arc-en-ciels ont ete denombres. Figurent egalement une estimation du nombres de saumons rouges qui se sont echappes dans les parties superieure et inferieure de la riviere Babine en 1987 et 1988.

## INTRODUCTION

The Babine River salmon counting fence is located one kilometre downstream of Nilkitkwa Lake, 360 kilometres from the commercial fishing boundary at the mouth of the Skeena River (see figures 1 and 2). The counting fence on site was established in 1946 and is used to provide an accurate escapement count of Sockeye and other species of salmon entering Babine Lake, where in excess of 90% of the Skeena River Sockeye are produced.

## METHODS

The counting fence is normally installed in early July depending on water levels in the Babine River. In 1987 the fence was installed on July 3, and on July 18 in 1988. Installing the fence entails positioning 66, 4 by 7 foot aluminum panels in their respective places along the 330 foot frame that spans the entire width of the Babine River. After the fence is in place each of the seven traps are made operational by positioning sliding doors and counting chutes.

All species of Salmonids are present in the Babine River with Sockeye being the most numerous. Large numbers of Pink salmon are also present and spawn directly above the counting fence. When post spawning mortalities occur the fence soon becomes littered with the carcasses which are subsequently pitched over the fence. The fence is opened to allow fish through from 0600 to 2200 hrs daily and counting between these times is performed in a series of two hour shifts by two, three, and sometimes (depending on the strength of that days run) four persons. When members of the crew are not counting they are carrying out maintenance duties or sampling that days migration. At the end of the salmon migration the fence is removed and the camp closed down. This occurred on September 30 in 1987 and on October 4 in 1988.

## SAMPLING

Every day of the migration 25 sockeye are randomly removed from the traps for the purpose of sampling. The procedure consists of sampling for sex, nose fork and hypural lengths and scales. Every fifth day 100 or 150 sockeye are sampled for sex and nose fork length. These samples are used to determine the general age, size and sex make-up of that year's migration, therefore enabling potential egg deposition to be estimated. Chinook salmon are sampled after spawning as they are removed from the fence during that day's deadpitch. All Chinook, with the scarce exception of those that are badly decomposed are sampled for scales, sex, nose fork and hypural lengths, origin ( hatchery or wild stock by adipose fin ) and in the case of females, egg retention. Pink salmon are sampled for sex and nose fork length. As is the case with chinooks, pink salmon are easily recovered from the fence during that day's deadpitch and it is at this time that the 100 daily samples are obtained.

## TAGGING PROGRAM

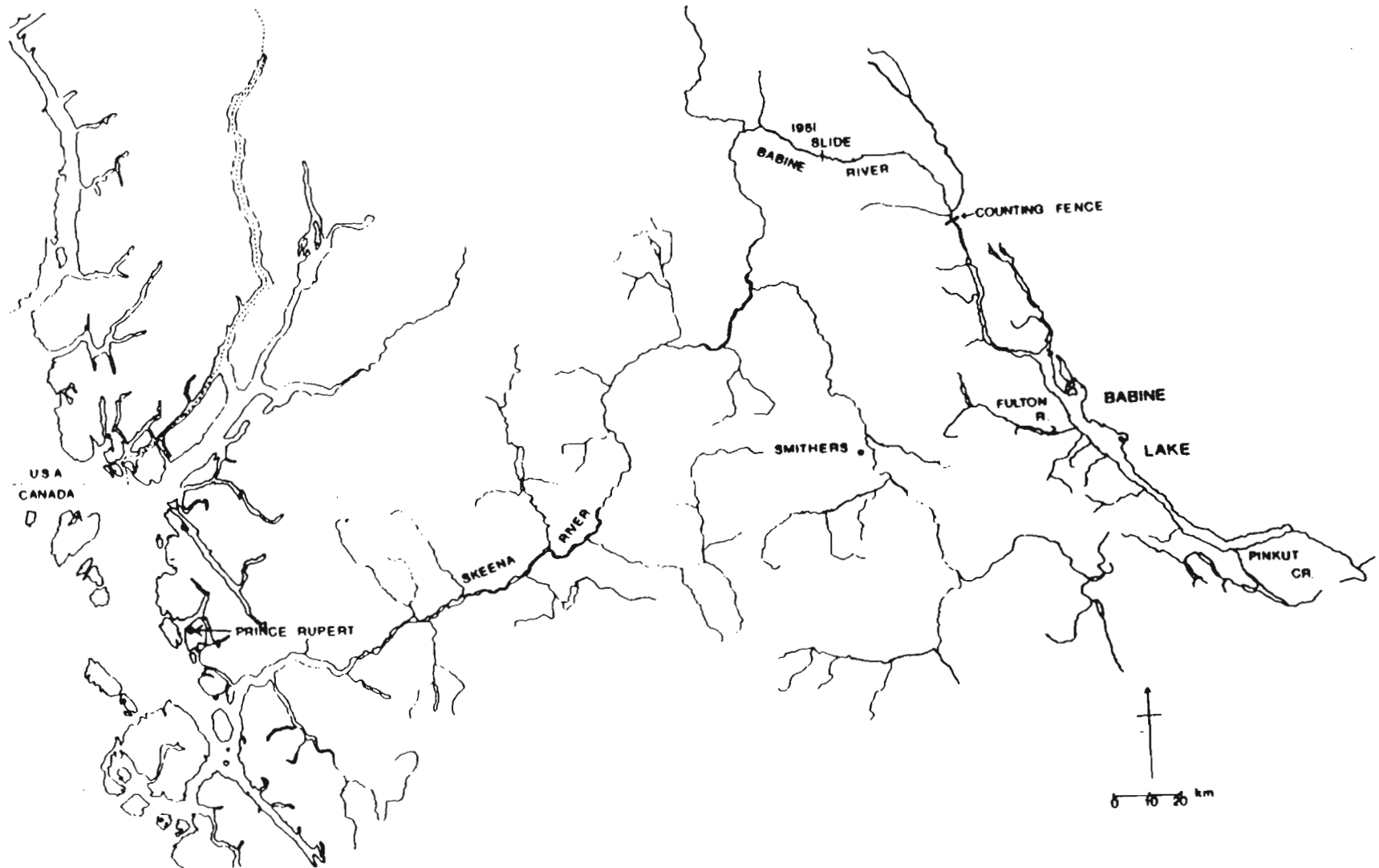
In the fall of each year a tagging program is conducted to determine the Sockeye spawning escapement in the upper and lower sections of the Babine River. A crew is assembled and, using a jet boat and beach seine net, a number of Sockeye are tagged. After a few weeks to allow for distribution and spawning of the tagged fish, a deadpitch\recovery program is started to determine the percentage of tagged to untagged fish, therefore providing the basis for population estimates on the upper and lower Babine River.

## JACK FISHERY

If enough jack Sockeye are present in the salmon migration a jack fishery is conducted by the natives from Fort Babine. In 1987 jack Sockeye were harvested from August 8 through to September 3 for a total of 27 days. During the 1987 harvest a total of 370,580 jack Sockeye were taken. Generally this fishery consists of persons dipping jacks from each of the seven traps and depositing them in buckets. At intervals another person collects the buckets and transfers the fish to a large tub and eventually to a refrigerator truck on site where the fish are iced down and made ready for market. There was no jack fishery in 1988.



Figure 1: Location of the Babine River and Lake in the Skeena River drainage.



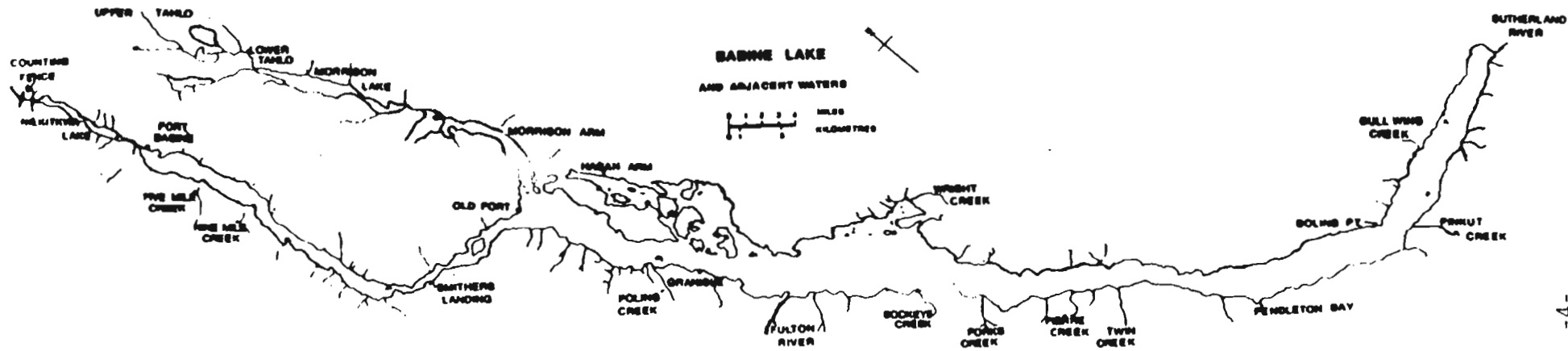


Figure 2: Location of the Babine River Counting Fence in relationship to Babine Lake.

## RESULTS

The Babine River Counting Fence was operational from July 3 through to September 30 in 1987 and from July 18 to October 4 in 1988. Cumulative counts for both large and jack Sockeye were 1,307,852 and 638,641 during 1987 and 1,408,879 large, 77,631 jack for 1988. The Sockeye counts are presented as daily enumerations in Table 1 for 1987 and in Table 2 for 1988. A graph presenting both 1987 and 1988 daily Sockeye counts is shown on Figure 4. Sockeye escapement, estimated by a tag/recovery program, indicates that in 1987 there were 175,000 spawners in the upper Babine River and 17,500 in the lower Babine River. The data for 1988 shows 185,000 Sockeye in the upper river while the lower Babine had an escapement of 11,500.

The 1987 Chinook migration through the Babine Fence totaled 771 large and 513 jacks, whereas in 1988, 1057 large and 210 jacks were counted. Table 3 presents the daily migration of Chinook for 1987 while Table 4 shows the 1988 daily tally. A graph showing both years Chinook counts is presented in Figure 5.

Pink enumeration totaled 169,568 in 1987 and 59,765 in 1988. Daily counts of Pink salmon are presented for 1987 in Table 5 and for 1988 in Table 6. A graph showing both the 1987 and 1988 daily Pink migration is presented in Figure 6. Coho counted through the fence totaled 1,894 in 1987 and 3,026 in 1988. A graph showing the daily migration of Coho for 1987 and 1988 is available in Figure 7. Incomplete Steelhead counts were 12 for 1987 and 58 for 1988. A daily breakdown of both Coho and Steelhead enumeration is available in the same Tables as Pink salmon, Table 5 for 1987 and Table 6 in 1988.

Water levels of the Babine River taken just below the counting fence are presented as a graph in Figure 3.

Daily biological information from the Babine River Fence is available for Sockeye in Tables 7 and 8, for Pink in Table 9 and for Chinook in Tables 10 and 11.

# Babine River Water Levels

1987 & 1988

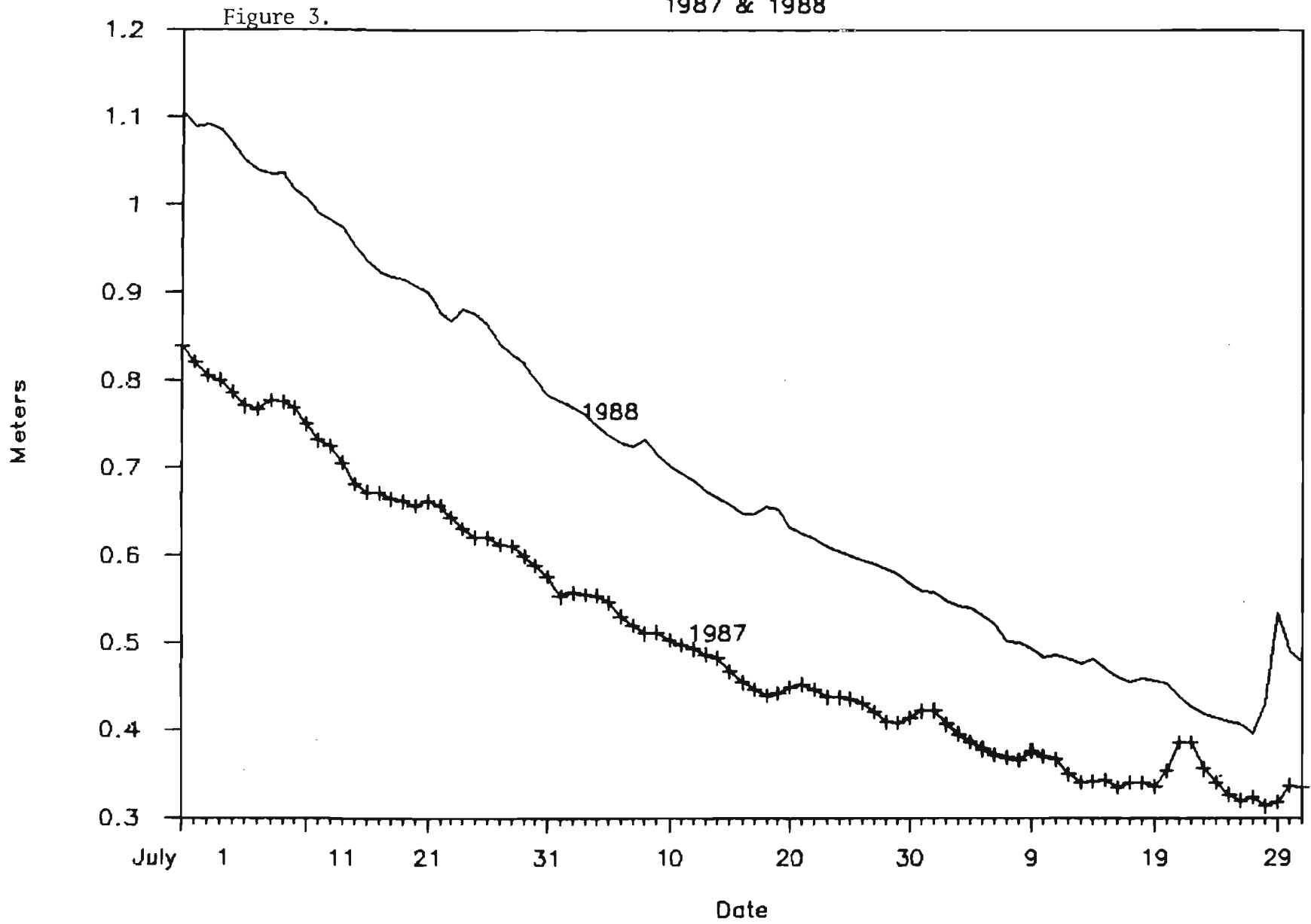


Table 1 : Daily and cumulative counts of large and jack  
Sockeye from the Babine River Fence, 1987.

DATE	JACK		LARGE		TOTAL DAILY	TOTAL CUMULATIVE
	DAILY	CUMULATIVE	DAILY	CUMULATIVE		
Jul	14	0	0	2	2	2
	15	0	0	4	4	6
	16	0	0	2	2	8
	17	0	0	4	4	12
	18	0	0	3	3	15
	19	2	2	13	15	30
	20	1	3	6	7	37
	21	8	11	120	128	165
	22	33	44	1215	1248	1413
	23	299	343	6194	6493	7906
	24	419	762	10677	11096	19002
	25	708	1470	28073	28781	47783
	26	1103	2573	31981	33084	80867
	27	1375	3948	27495	28870	109737
	28	760	4708	11251	12011	121748
	29	1402	6110	16670	18072	139820
	30	1733	7843	17997	19730	159550
	31	2282	10125	30986	33268	192818
Aug	1	2882	13007	31657	34539	227357
	2	4765	17772	50281	55046	282403
	3	4334	22106	48509	52843	335246
	4	4790	26896	56361	61151	396397
	5	6685	33581	57523	64208	460605
	6	7125	40706	51334	58459	519064
	7	8704	49410	44102	522460	571870
	8	10953	60363	45130	567590	627953
	9	17247	77610	40853	608443	686053
	10	13242	90852	40419	648862	739714
	11	19104	109956	40436	689298	799254
	12	19886	129842	41869	731167	861009
	13	20884	150726	38359	769526	920252
	14	22320	173046	37926	807452	980498
	15	16878	189924	32612	840064	1029988
	16	25561	215485	28450	868514	1083999
	17	24573	240058	29187	897701	1137759
	18	24574	264632	28512	926213	1190845
	19	26338	290970	29753	955966	1246936
	20	24418	315388	27177	983143	1298531
	21	33053	348441	30938	1014081	1362522
	22	27744	376185	30159	1044240	1420425
	23	24130	400315	28422	1072662	1472977
	24	22376	422691	24872	1097534	1520225
	25	22100	444791	23493	1121027	1565818
	26	21621	466412	18390	1139417	1605829
	27	21399	487811	16268	1155685	1643496

Table 1 cont'd: Daily and cumulative counts of large and jack  
Sockeye from the Babine River Fence, 1987.

DATE	JACK		LARGE		TOTAL DAILY	TOTAL CUMULATIVE	
	DAILY	CUMULATIVE	DAILY	CUMULATIVE			
Aug	28	16922	504733	14844	1170529	31766	1675262
	29	16566	521299	10648	1181177	27214	1702476
	30	14655	535954	11012	1192189	25667	1728143
	31	14973	550927	9751	1201940	24724	1752867
Sept	1	13049	563976	10240	1212180	23289	1776156
	2	11558	575534	6196	1218376	17754	1793910
	3	9119	584653	6618	1224994	15737	1809647
	4	3373	588026	7223	1232217	10596	1820243
	5	5403	593429	7873	1240090	13276	1833519
	6	8206	601635	6568	1246658	14774	1848293
	7	6677	608312	6516	1253174	13193	1861486
	8	8062	616374	9565	1262739	17627	1879113
	9	3440	619814	5404	1268143	8844	1887957
	10	3762	623576	5728	1273871	9490	1897447
	11	3894	627470	4375	1278246	8269	1905716
	12	2042	629512	5523	1283769	7565	1913281
	13	1704	631216	5503	1289272	7207	1920488
	14	1180	632396	3825	1293097	5005	1925493
	15	762	633158	2347	1295444	3109	1928602
	16	681	633839	2126	1297570	2807	1931409
	17	457	634296	1361	1298931	1818	1933227
	18	679	634975	1654	1300585	2333	1935560
	19	616	635591	1383	1301968	1999	1937559
	20	691	636282	1457	1303425	2148	1939707
	21	557	636839	1146	1304571	1703	1941410
	22	482	637321	950	1305521	1432	1942842
	23	450	637771	761	1306282	1211	1944053
	24	162	637933	326	1306608	488	1944541
	25	108	638041	196	1306804	304	1944845
	26	136	638177	315	1307119	451	1945296
	27	123	638300	223	1307342	346	1945642
	28	99	638399	195	1307537	294	1945936
	29	242	638641	315	1307852	557	1946493

Table 2 : Daily and cumulative counts of large and jack  
Sockeye for the Babine River Fence, 1988.

DATE	JACK		LARGE		TOTAL	TOTAL
	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE
Jul 18	0	0	29	29	29	29
19	0	0	100	129	100	129
20	0	0	1014	1143	1014	1143
21	0	0	2085	3228	2085	3228
22	0	0	2363	5591	2363	5591
23	28	28	9085	14676	9113	14704
24	11	39	14783	29459	14794	29498
25	27	66	24002	53461	24029	53527
26	51	117	28927	82388	28978	82505
27	25	142	16673	99061	16698	99203
28	75	217	28192	127253	28267	127470
29	57	274	18963	146216	19020	146490
30	39	313	15490	161706	15529	162019
31	90	403	26871	188577	26961	188980
Aug 1	103	506	29017	217594	29120	218100
2	96	602	31768	249362	31864	249964
3	119	721	35122	284484	35241	285205
4	145	866	38351	322835	38496	323701
5	196	1062	42000	364835	42196	365897
6	249	1311	33907	398742	34156	400053
7	199	1510	22310	421052	22509	422562
8	167	1677	13897	434949	14064	436626
9	259	1936	19924	454873	20183	456809
10	344	2280	20761	475634	21105	477914
11	396	2676	22741	498375	23137	501051
12	515	3191	23343	521718	23858	524909
13	667	3858	27492	549210	28159	553068
14	809	4667	36948	586158	37757	590825
15	1063	5730	39975	626133	41038	631863
16	1196	6926	47862	673995	49058	680921
17	1219	8145	41964	715959	43183	724104
18	2308	10453	44271	760230	46579	770683
19	3774	14227	54154	814384	57928	828611
20	3095	17322	43056	857440	46151	874762
21	3593	20915	44499	901939	48092	922854
22	3161	24076	35337	937276	38498	961352
23	3203	27279	31308	968584	34511	995863
24	3488	30767	36306	1004890	39794	1035657
25	3438	34205	33523	1038413	36961	1072618
26	5400	39605	42330	1080743	47730	1120348
27	4159	43764	37008	1117751	41167	1161515
28	2987	46751	30326	1148077	33313	1194828
29	3625	50376	29729	1177806	33354	1228182
30	2917	53293	25281	1203087	28198	1256380
31	3364	56657	25308	1228395	28672	1285052

Table 2 cont'd: Daily and cumulative counts of large and jack Sockeye for the Babine Fence, 1988.

DATE	JACK		LARGE		TOTAL	TOTAL
	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE
Sept 1	3637	60294	19927	1248322	23564	1308616
2	2837	63131	14547	1262869	17384	1326000
3	2484	65615	16760	1279629	19244	1345244
4	2101	67716	13069	1292698	15170	1360414
5	1527	69243	11500	1304198	13027	1373441
6	1064	70307	9457	1313655	10521	1383962
7	846	71153	7515	1321170	8361	1392323
8	642	71795	5073	1326243	5715	1398038
9	834	72629	10147	1336390	10981	1409019
10	848	73477	10487	1346877	11335	1420354
11	840	74317	12449	1359326	13289	1433643
12	691	75008	9922	1369248	10613	1444256
13	544	75552	7653	1376901	8197	1452453
14	443	75995	7373	1384274	7816	1460269
15	278	76273	4162	1388436	4440	1464709
16	283	76556	2979	1391415	3262	1467971
17	166	76722	2576	1393991	2742	1470713
18	107	76829	2150	1396141	2257	1472970
19	117	76946	1620	1397761	1737	1474707
20	76	77022	1125	1398886	1201	1475908
21	87	77109	922	1399808	1009	1476917
22	109	77218	1317	1401125	1426	1478343
23	91	77309	860	1401985	951	1479294
24	42	77351	534	1402519	576	1479870
25	38	77389	454	1402973	492	1480362
26	47	77436	489	1403462	536	1480898
27	31	77467	453	1403915	484	1481382
28	19	77486	280	1404195	299	1481681
29	93	77579	2199	1406394	2292	1483973
30	16	77595	1159	1407553	1175	1485148
Oct 1	24	77619	650	1408203	674	1485822
2	5	77624	319	1408522	324	1486146
3	5	77629	244	1408766	249	1486395
4	2	77631	113	1408879	115	1486510



BABINE RIVER JACK SOCKEYE HARVEST  
1987

DATE	DAILY HARVEST	CUMULATIVE HARVEST
Aug 8	2034	2034
9	11784	13818
10	7373	21191
11	13144	34335
12	14411	48746
13	15735	64481
14	16302	80783
15	6020	86803
16	19784	106587
17	16822	123409
18	18593	142002
19	19311	161313
20	16794	178107
21	24599	202706
22	19094	221800
23	15717	237517
24	16210	253727
25	14306	268033
26	14362	282395
27	14453	296848
28	11481	308329
29	11768	320097
30	9966	330063
31	12478	342541
Sept 1	10376	352917
2	9854	362771
3	7809	370580

There was no Jack Harvest in 1988.

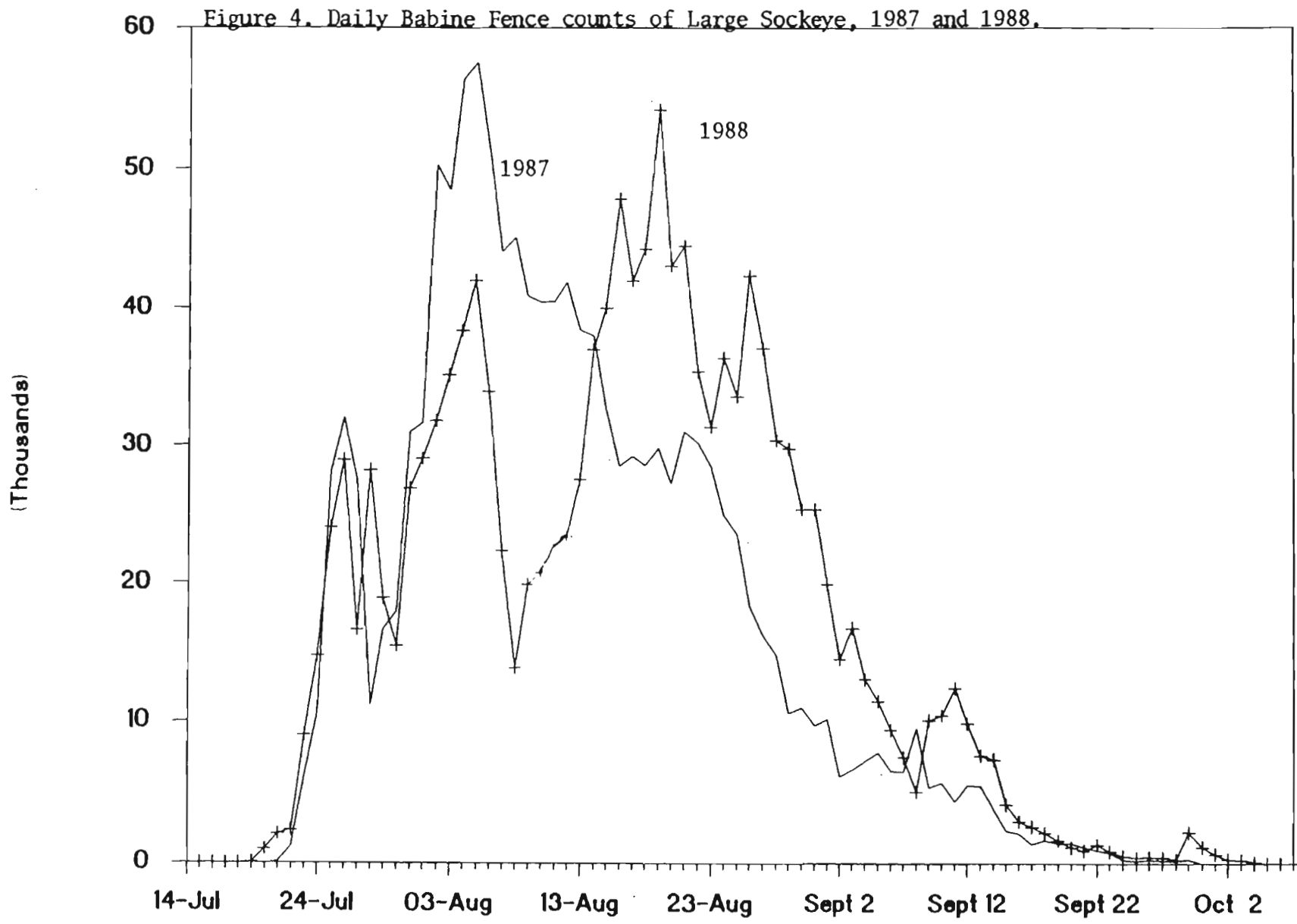


Figure 4. Daily Babine Fence counts of Jack Sockeye, 1987 and 1988.

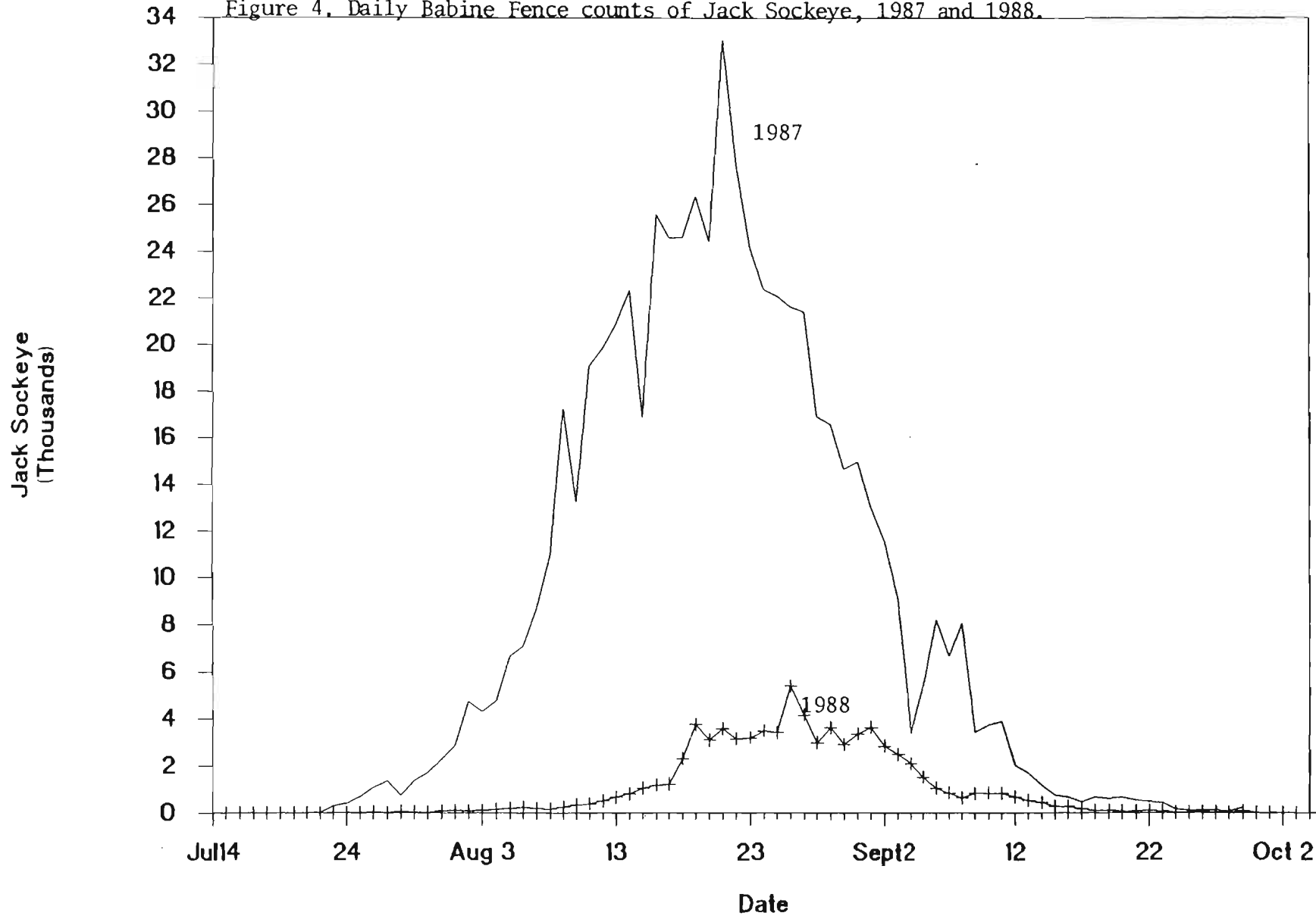


Table 3 : Daily and cumulative counts of large and jack Chinook from the Babine River Counting Fence, 1987.

DATE	JACK		LARGE		DAILY TOTAL	CUMULATIVE TOTAL
	DAILY	CUMULATIVE	DAILY	CUMULATIVE		
Jul 18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	1	1	1	1
26	0	0	1	2	1	2
27	0	0	1	3	1	3
28	0	0	0	3	0	3
29	0	0	3	6	3	6
30	0	0	2	8	2	8
31	0	0	2	10	2	10
Aug 1	0	0	1	11	1	11
2	0	0	2	13	2	13
3	6	6	3	16	9	22
4	2	8	1	17	3	25
5	6	14	0	17	6	31
6	1	15	1	18	2	33
7	1	16	1	19	2	35
8	1	17	0	19	1	36
9	6	23	2	21	8	44
10	5	28	2	23	7	51
11	3	31	2	25	5	56
12	6	37	2	27	8	64
13	6	43	4	31	10	74
14	2	45	2	33	4	78
15	3	48	7	40	10	88
16	4	52	2	42	6	94
17	2	54	2	44	4	98
18	1	55	3	47	4	102
19	0	55	1	48	1	103
20	4	59	2	50	6	109
21	4	63	2	52	6	115
22	7	70	5	57	12	127
23	5	75	7	64	12	139
24	12	87	14	78	26	165
25	11	98	19	97	30	195
26	22	120	21	118	43	238
27	20	140	17	135	37	275
28	12	152	21	156	33	308
29	12	164	1	157	13	321
30	7	171	5	162	12	333
31	9	180	9	171	18	351
Sept 1	6	186	13	184	19	370

Table 3 cont'd: Daily and cumulative counts of large and jack Chinook from the Babine River Fence, 1987

DATE	JACK		LARGE		DAILY TOTAL	CUMULATIVE TOTAL
	DAILY	CUMULATIVE	DAILY	CUMULATIVE		
Sept 2	8	194	10	194	18	388
3	6	200	7	201	13	401
4	4	204	8	209	12	413
5	8	212	20	229	28	441
6	35	247	10	239	45	486
7	17	264	23	262	40	526
8	6	270	6	268	12	538
9	4	274	6	274	10	548
10	5	279	10	284	15	563
11	4	283	3	287	7	570
12	11	294	6	293	17	587
13	10	304	24	317	34	621
14	5	309	17	334	22	643
15	16	325	15	349	31	674
16	18	343	29	378	47	721
17	16	359	14	392	30	751
18	21	380	28	420	49	800
19	16	396	27	447	43	843
20	32	428	30	477	62	905
21	21	449	37	514	58	963
22	17	466	43	557	60	1023
23	27	493	39	596	66	1089
24	13	506	26	622	39	1128
25	0	506	27	649	27	1155
26	4	510	14	663	18	1173
27	2	512	11	674	13	1186
28	1	513	25	699	26	1212
29	0	513	12	711	12	1224

Table 4 : Daily and cumulative counts of large and jack  
Chinook from the Babine River Counting Fence, 1988.

DATE	JACK		LARGE		DAILY TOTAL	CUMULATIVE TOTAL
	DAILY	CUMULATIVE	DAILY	CUMULATIVE		
Jul 18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	1	1	3	3	4	4
24	5	6	4	7	9	13
25	5	11	3	10	8	21
26	8	19	1	11	9	30
27	2	21	0	11	2	32
28	4	25	1	12	5	37
29	14	39	4	16	18	55
30	3	42	3	19	6	61
31	2	44	1	20	3	64
Aug 1	3	47	3	23	6	70
2	6	53	3	26	9	79
3	6	59	2	28	8	87
4	8	67	7	35	15	102
5	6	73	4	39	10	112
6	6	79	6	45	12	124
7	5	84	6	51	11	135
8	8	92	1	52	9	144
9	4	96	3	55	7	151
10	1	97	6	61	7	158
11	3	100	7	68	10	168
12	3	103	7	75	10	178
13	5	108	3	78	8	186
14	4	112	3	81	7	193
15	13	125	6	87	19	212
16	6	131	6	93	12	224
17	3	134	5	98	8	232
18	8	142	7	105	15	247
19	2	144	9	114	11	258
20	2	146	13	127	15	273
21	2	148	10	137	12	285
22	2	150	13	150	15	300
23	1	151	13	163	14	314
24	3	154	19	182	22	336
25	2	156	14	196	16	352
26	1	157	21	217	22	374
27	1	158	17	234	18	392
28	3	161	25	259	28	420
29	1	162	43	302	44	464
30	1	163	31	333	32	496
31	4	167	53	386	57	553
Sept 1	6	173	49	435	55	608

Table 4 cont'd: Daily and cumulative counts of large and jack Chinook from the Babine Fence, 1988.

DATE	JACK		LARGE		DAILY TOTAL	CUMULATIVE TOTAL
	DAILY	CUMULATIVE	DAILY	CUMULATIVE		
Sept 2	3	176	30	465	33	641
3	1	177	25	490	26	667
4	2	179	27	517	29	696
5	2	181	28	545	30	726
6	0	181	18	563	18	744
7	5	186	15	578	20	764
8	0	186	9	587	9	773
9	2	188	22	609	24	797
10	0	188	29	638	29	826
11	0	188	35	673	35	861
12	0	188	44	717	44	905
13	3	191	43	760	46	951
14	2	193	83	843	85	1036
15	1	194	30	873	31	1067
16	0	194	25	898	25	1092
17	2	196	15	913	17	1109
18	1	197	21	934	22	1131
19	1	198	18	952	19	1150
20	3	201	21	973	24	1174
21	1	202	19	992	20	1194
22	2	204	26	1018	28	1222
23	2	206	4	1022	6	1228
24	0	206	4	1026	4	1232
25	0	206	0	1026	0	1232
26	0	206	8	1034	8	1240
27	1	207	6	1040	7	1247
28	0	207	4	1044	4	1251
29	0	207	4	1048	4	1255
30	0	207	3	1051	3	1258
Oct 1	2	209	3	1054	5	1263
2	1	210	1	1055	2	1265
3	0	210	0	1055	0	1265
4	0	210	2	1057	2	1267

Figure 5. Daily Babine Fence counts of Large Chinook, 1987 and 1988.

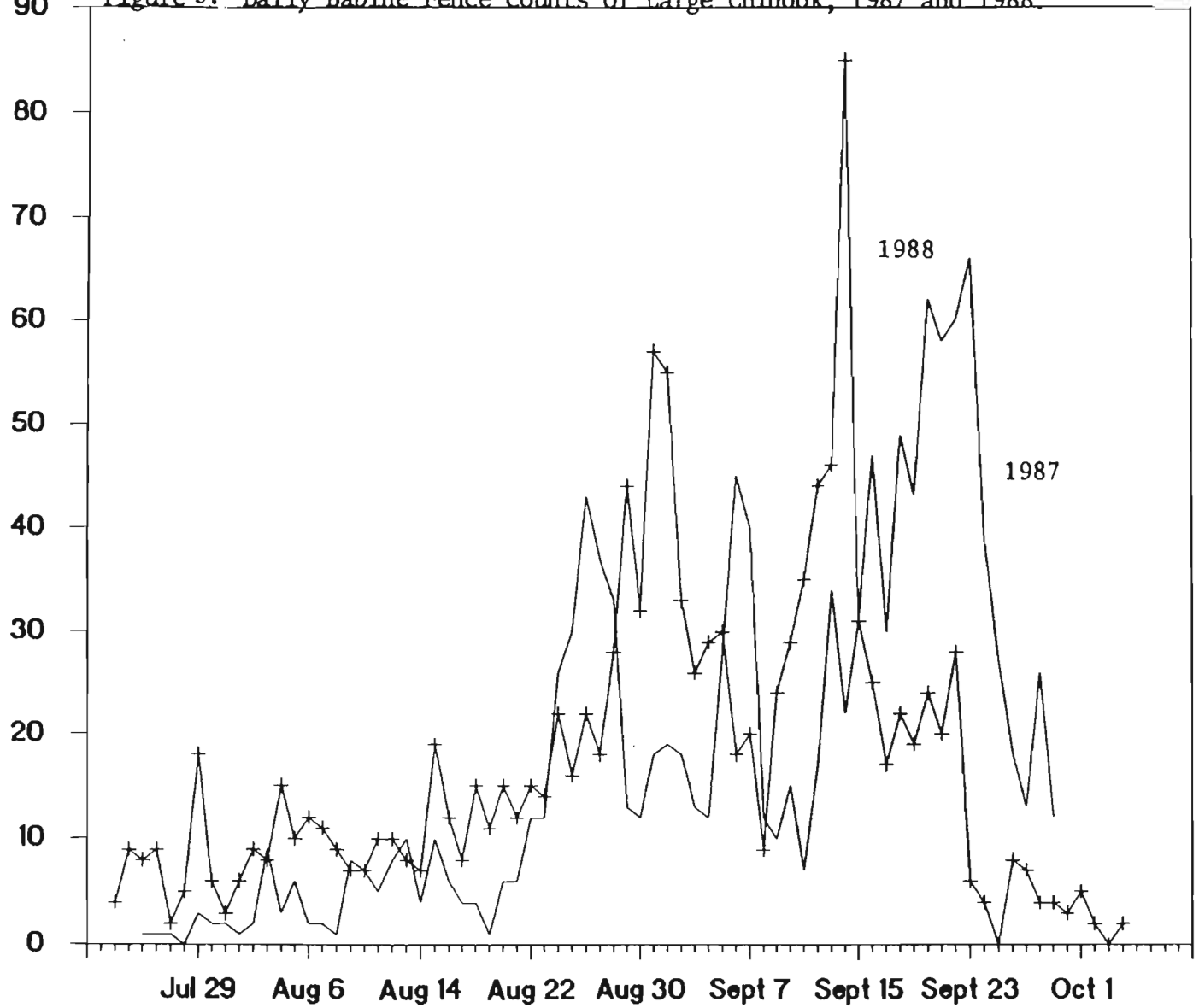




Figure 5. Daily Babine Fence counts of Jack Chinook, 1987 and 1988.

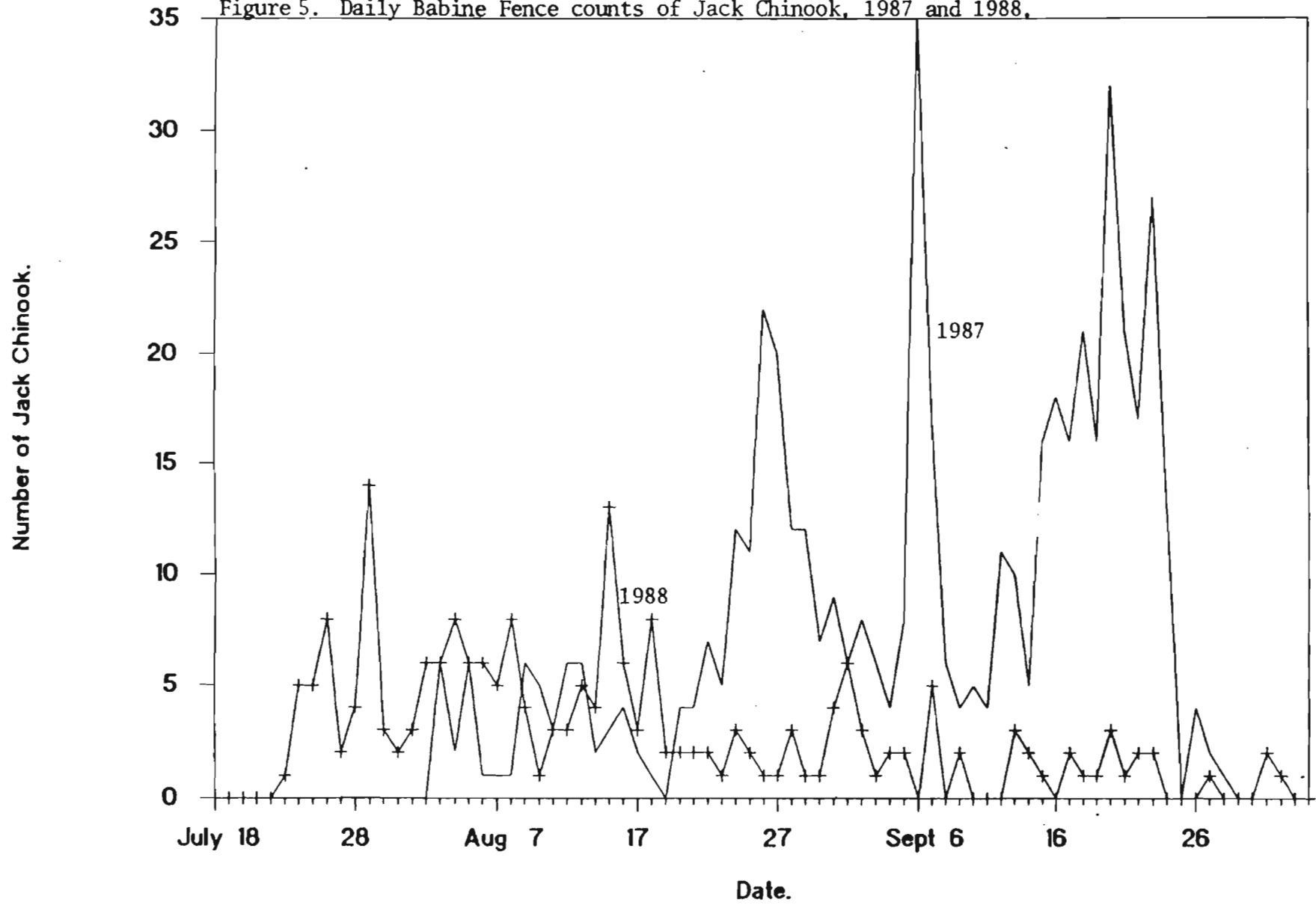


Table 5: Daily and cumulative counts of Pink, Coho and Steelhead from the Babine River Fence, 1987.

DATE	PINK		COHO		STEELHEAD	
	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE
Jul 24	5	5	0	0	0	0
25	0	5	0	0	0	0
26	3	8	0	0	0	0
27	0	8	0	0	0	0
28	1	9	0	0	0	0
29	0	9	0	0	0	0
30	1	10	0	0	0	0
31	1	11	0	0	0	0
Aug 1	4	15	0	0	0	0
2	0	15	0	0	0	0
3	5	20	0	0	0	0
4	13	33	0	0	0	0
5	21	54	0	0	0	0
6	77	131	0	0	0	0
7	103	234	0	0	0	0
8	200	434	0	0	0	0
9	294	728	1	1	0	0
10	423	1151	0	1	0	0
11	971	2122	0	1	0	0
12	1519	3641	2	3	0	0
13	1764	5405	0	3	0	0
14	2099	7504	0	3	0	0
15	2721	10225	0	3	0	0
16	3382	13607	4	7	0	0
17	3554	17161	1	8	0	0
18	4343	21504	3	11	0	0
19	4647	26151	1	12	0	0
20	4116	30267	2	14	0	0
21	4128	34395	5	19	0	0
22	4569	38964	8	27	0	0
23	4776	43740	7	34	0	0
24	4727	48467	7	41	0	0
25	5003	53470	13	54	0	0
26	4775	58245	14	68	0	0
27	4945	63190	28	96	0	0
28	5672	68862	17	113	0	0
29	4360	73222	21	134	0	0
30	3902	77124	19	153	0	0
31	3580	80704	14	167	0	0
Sept 1	3747	84451	37	204	0	0
2	8458	92909	45	249	0	0
3	6083	98992	39	288	0	0
4	5894	104886	39	327	0	0
5	5577	110463	31	358	2	2
6	6584	117047	68	426	0	2
7	6198	123245	84	510	0	2
8	4378	127623	80	590	0	2

Table 5 cont'd: Daily and cumulative counts of Pink, Coho and Steelhead from the Babine River Fence, 1987.

DATE	PINK		COHO		STEELHEAD	
	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE
Sept 9	3747	131370	68	658	0	2
10	3881	135251	54	712	0	2
11	3060	138311	91	803	1	3
12	4026	142337	64	867	1	4
13	4037	146374	81	948	1	5
14	4074	150448	104	1052	0	5
15	4730	155178	127	1179	1	6
16	4190	159368	85	1264	1	7
17	2690	162058	84	1348	1	8
18	1626	163684	33	1381	0	8
19	2154	165838	57	1438	1	9
20	1217	167055	64	1502	1	10
21	1100	168155	69	1571	0	10
22	860	169015	34	1605	0	10
23	352	169367	37	1642	1	11
24	116	169483	37	1679	0	11
25	34	169517	25	1704	0	11
26	13	169530	14	1718	0	11
27	14	169544	32	1750	0	11
28	17	169561	24	1774	0	11
29	2	169563	51	1825	1	12
30	5	169568	69	1894	0	12

Table 6: Daily and cumulative counts of Pink, Coho and Steelhead from the Babine River Fence, 1988.

DATE	PINK		COHO		STEELHEAD	
	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE
Aug 4	2	2	0	0	0	0
5	1	3	0	0	0	0
6	2	5	0	0	0	0
7	1	6	1	1	0	0
8	6	12	0	1	0	0
9	17	29	3	4	0	0
10	22	51	1	5	0	0
11	52	103	0	5	0	0
12	58	161	0	5	1	1
13	103	264	4	9	0	1
14	153	417	3	12	0	1
15	158	575	3	15	0	1
16	204	779	9	24	1	2
17	182	961	2	26	1	3
18	417	1378	7	33	0	3
19	1360	2738	14	47	1	4
20	1776	4514	24	71	0	4
21	2845	7359	47	118	0	4
22	3441	10800	31	149	0	4
23	3919	14719	33	182	0	4
24	4470	19189	56	238	0	4
25	3053	22242	35	273	0	4
26	3794	26036	41	314	0	4
27	4652	30688	39	353	0	4
28	3771	34459	38	391	0	4
29	4652	39111	109	500	1	5
30	4482	43593	79	579	2	7
31	3259	46852	88	667	0	7
Sept 1	2757	49609	57	724	0	7
2	1627	51236	70	794	0	7
3	2027	53263	91	885	0	7
4	1408	54671	71	956	2	9
5	956	55627	42	998	0	9
6	752	56379	62	1060	1	10
7	559	56938	64	1124	1	11
8	312	57250	37	1161	3	14
9	430	57680	84	1245	2	16
10	471	58151	114	1359	3	19
11	399	58550	144	1503	1	20
12	326	58876	136	1639	2	22
13	224	59100	109	1748	0	22
14	253	59353	121	1869	0	22
15	120	59473	81	1950	3	25
16	101	59574	95	2045	3	28
17	79	59653	85	2130	3	31
18	38	59691	67	2197	3	34
19	28	59719	88	2285	0	34

Table 6 cont'd: Daily and cumulative counts of Pink, Coho and Steelhead from the Babine River Fence, 1988.

DATE	PINK		COHO		STEELHEAD	
	DAILY	CUMULATIVE	DAILY	CUMULATIVE	DAILY	CUMULATIVE
Sept 20	16	59735	47	2332	1	35
21	8	59743	40	2372	0	35
22	12	59755	68	2440	3	38
23	0	59755	36	2476	0	38
24	3	59758	18	2494	1	39
25	2	59760	28	2522	0	39
26	1	59761	15	2537	0	39
27	1	59762	14	2551	0	39
28	2	59764	10	2561	0	39
29	1	59765	185	2746	4	43
30	0	59765	39	2785	2	45
Oct 1	0	59765	67	2852	1	46
2	0	59765	50	2902	3	49
3	0	59765	52	2954	3	52
4	0	59765	72	3026	6	58

Figure 6. Daily Babine Fence counts of Pinks, 1987 and 1988.

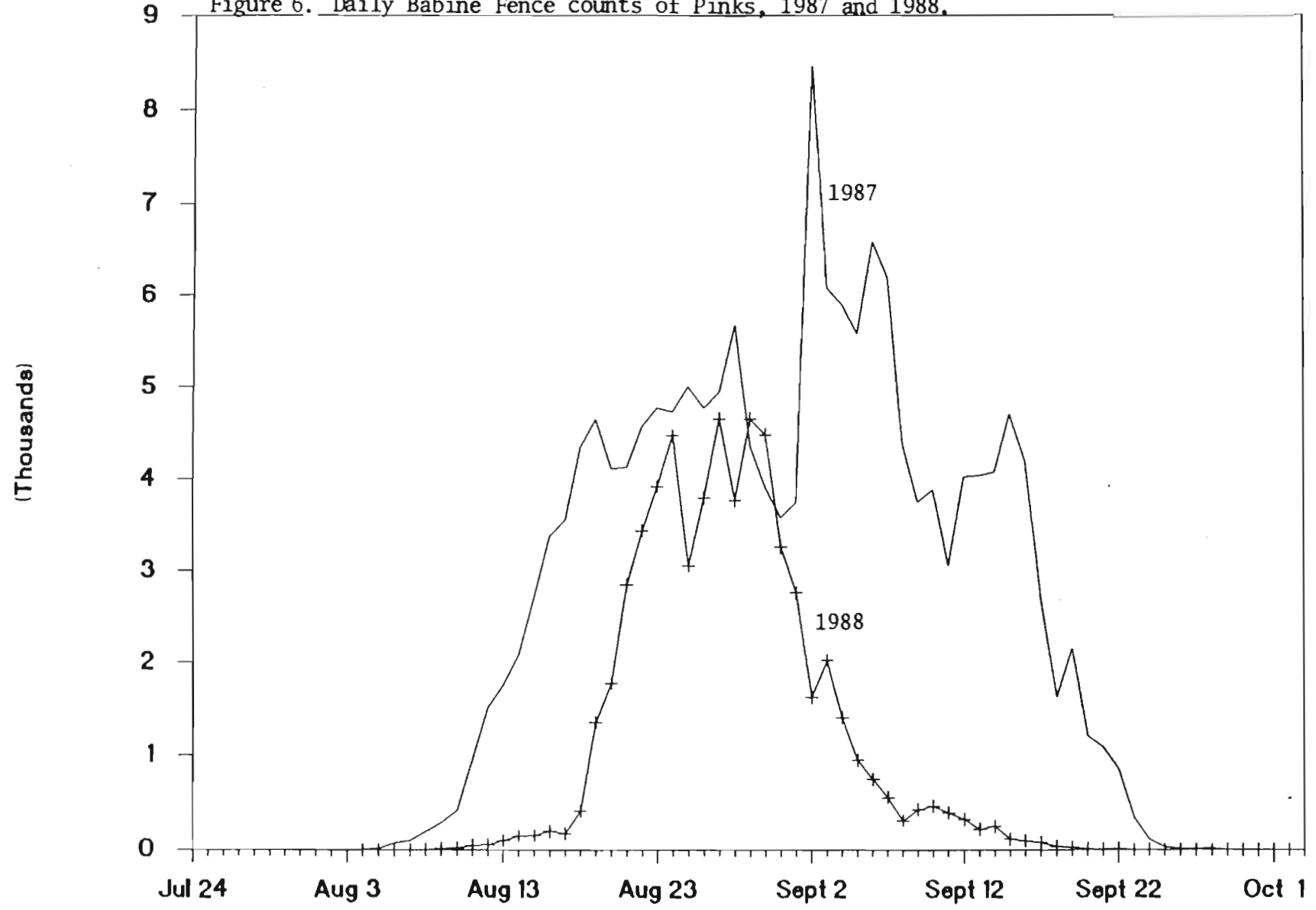


Figure 7. Daily Babine Fence counts of Coho, 1987 and 1988.

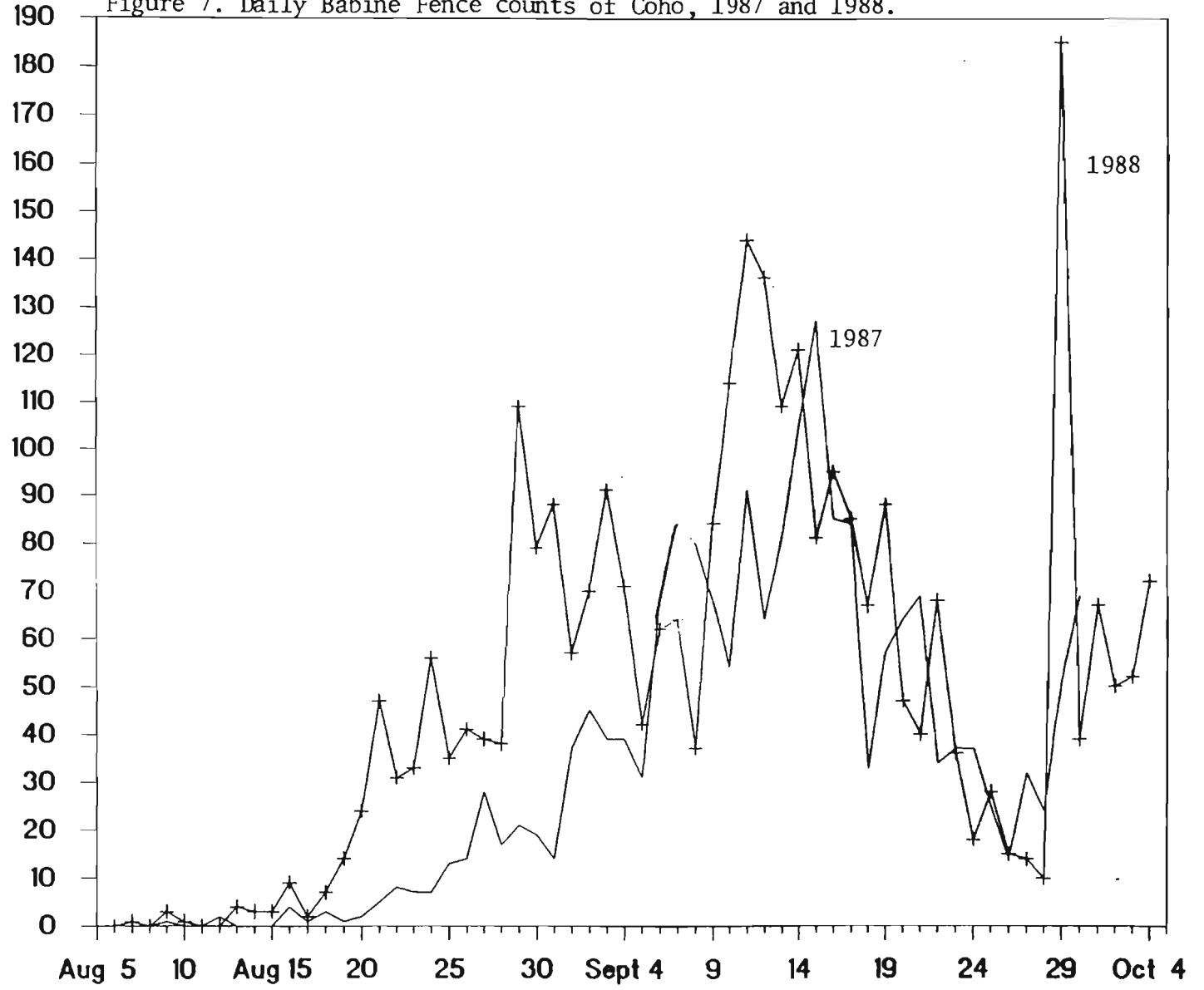


Table 7 : Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
July 28	470	F	July 24	480	M
	490	F		480	M
	490	F		480	M
	500	F		490	M
	500	F		490	M
	500	F		500	M
	500	F		500	M
	500	F		500	M
	510	F		510	M
	510	F		510	M
	520	F		510	M
	530	F		510	M
	540	F		510	M
	540	F		510	M
	580	F		510	M
	580	F		510	M
	590	F		520	M
	590	F		520	M
	600	F		540	M
	600	F		550	M
	610	F		630	M
	620	F		630	M
	620	F		640	M
	630	F		650	M
	650	F		660	M





Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 7	450	F	Aug 7	650	F
	460	F		650	F
	460	F		630	F
	470	F		450	M
	470	F		450	M
	470	F		470	M
	480	F		470	M
	480	F		480	M
	480	F		490	M
	490	F		490	M
	490	F		490	M
	490	F		490	M
	500	F		500	M
	500	F		500	M
	500	F		510	M
	500	F		510	M
	510	F		520	M
	510	F		520	M
	510	F		520	M
	510	F		520	M
	510	F		520	M
	520	F		520	M
	520	F		530	M
	520	F		530	M
	520	F		540	M
	520	F		540	M
	520	F		540	M
	530	F		540	M
	530	F		550	M
	530	F		560	M
	530	F		560	M
	530	F		570	M
	530	F		570	M
	530	F		570	M
	540	F		590	M
	540	F		600	M
	540	F		610	M
	540	F		610	M
	540	F		620	M
	540	F		630	M
	550	F		630	M
	550	F		640	M
	550	F		650	M
	550	F		650	M
	560	F		650	M
	560	F		650	M
	590	F		660	M
	590	F		660	M
	610	F		670	M
	610	F		670	M
	620	F		670	M
	620	F		670	M
	630	F		690	M

Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 12	470	F	Aug 12	640	F
	480	F		640	F
	490	F		650	F
	490	F		650	F
	490	F		650	F
	510	F		660	F
	510	F		670	F
	510	F		460	M
	510	F		470	M
	510	F		480	M
	520	F		480	M
	520	F		490	M
	520	F		500	M
	520	F		500	M
	520	F		520	M
	530	F		530	M
	530	F		530	M
	530	F		530	M
	530	F		530	M
	530	F		530	M
	530	F		540	M
	530	F		560	M
	530	F		560	M
	540	F		570	M
	540	F		600	M
	540	F		610	M
	550	F		620	M
	550	F		630	M
	560	F		630	M
	560	F		630	M
	560	F		640	M
	560	F		640	M
	560	F		640	M
	560	F		650	M
	560	F		650	M
	560	F		650	M
	570	F		650	M
	580	F		650	M
	580	F		660	M
	590	F		660	M
	600	F		670	M
	610	F		670	M
	620	F		670	M
	620	F		680	M
	620	F		680	M
	620	F		680	M
	620	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		700	M
	630	F		700	M

Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 17	450	F	Aug 17	580	F
	460	F		590	F
	470	F		590	F
	480	F		600	F
	490	F		600	F
	500	F		610	F
	500	F		610	F
	510	F		610	F
	510	F		610	F
	510	F		610	F
	510	F		610	F
	510	F		620	F
	510	F		620	F
	510	F		620	F
	520	F		630	F
	520	F		630	F
	520	F		630	F
	530	F		640	F
	530	F		640	F
	530	F		640	F
	530	F		650	F
	530	F		650	F
	530	F		650	F
	530	F		660	F
	530	F		670	F
	540	F		460	M
	540	F		470	M
	540	F		470	M
	540	F		510	M
	540	F		510	M
	540	F		530	M
	550	F		530	M
	550	F		540	M
	550	F		550	M
	550	F		570	M
	550	F		590	M
	550	F		600	M
	550	F		620	M
	550	F		620	M
	550	F		620	M
	550	F		630	M
	560	F		650	M
	560	F		650	M
	560	F		660	M
	560	F		670	M
	560	F		670	M
	560	F		680	M
	580	F		680	M
	580	F		690	M
	580	F		720	M

Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 22	480	F	Aug 22	650	F
	490	F		650	F
	510	F		660	F
	510	F		660	F
	510	F		690	F
	510	F		480	M
	510	F		480	M
	520	F		480	M
	530	F		490	M
	530	F		500	M
	530	F		500	M
	530	F		500	M
	530	F		500	M
	540	F		510	M
	540	F		520	M
	540	F		520	M
	540	F		530	M
	550	F		530	M
	550	F		530	M
	550	F		540	M
	550	F		550	M
	550	F		550	M
	550	F		570	M
	560	F		570	M
	560	F		600	M
	560	F		610	M
	560	F		620	M
	570	F		620	M
	580	F		630	M
	580	F		630	M
	580	F		640	M
	590	F		650	M
	600	F		650	M
	610	F		650	M
	610	F		650	M
	610	F		650	M
	620	F		660	M
	620	F		670	M
	620	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		690	M
	630	F		700	M
	630	F		700	M
	630	F		700	M
	640	F		700	M
	640	F		710	M
	640	F		710	M
	640	F		720	M

Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 27	450	F	Aug 27	650	F
	490	F		650	F
	510	F		650	F
	510	F		660	F
	510	F		660	F
	510	F		670	F
	520	F		670	F
	520	F		670	F
	530	F		670	F
	530	F		680	F
	530	F		480	M
	540	F		490	M
	540	F		500	M
	540	F		510	M
	550	F		510	M
	550	F		520	M
	550	F		520	M
	550	F		520	M
	560	F		520	M
	560	F		520	M
	560	F		520	M
	560	F		520	M
	560	F		540	M
	560	F		550	M
	570	F		560	M
	570	F		570	M
	580	F		570	M
	580	F		590	M
	580	F		590	M
	580	F		600	M
	590	F		630	M
	600	F		640	M
	610	F		640	M
	610	F		640	M
	610	F		660	M
	610	F		660	M
	610	F		670	M
	610	F		670	M
	620	F		680	M
	620	F		680	M
	620	F		690	M
	630	F		690	M
	630	F		690	M
	630	F		690	M
	630	F		690	M
	640	F		690	M
	640	F		700	M
	640	F		700	M
	640	F		700	M
	640	F		710	M
	640	F		710	M

Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 1	470	F	Sept 1	650	F
	500	F		650	F
	500	F		650	F
	510	F		650	F
	510	F		650	F
	520	F		660	F
	520	F		660	F
	530	F		660	F
	540	F		670	F
	540	F		670	F
	540	F		670	F
	550	F		670	F
	550	F		680	F
	550	F		450	M
	550	F		490	M
	550	F		500	M
	560	F		500	M
	560	F		520	M
	570	F		520	M
	570	F		520	M
	570	F		530	M
	580	F		530	M
	580	F		550	M
	580	F		550	M
	590	F		570	M
	590	F		590	M
	590	F		590	M
	600	F		600	M
	610	F		620	M
	610	F		630	M
	610	F		650	M
	610	F		650	M
	610	F		650	M
	610	F		660	M
	610	F		660	M
	620	F		660	M
	630	F		660	M
	630	F		670	M
	630	F		670	M
	630	F		670	M
	630	F		670	M
	630	F		670	M
	630	F		680	M
	630	F		680	M
	630	F		690	M
	630	F		690	M
	630	F		700	M
	640	F		700	M
	640	F		710	M
	640	F		710	M
	650	F		710	M

Table 7 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1987.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 6	490	F	Sept 6	480	M
	490	F		480	M
	510	F		480	M
	510	F		500	M
	520	F		520	M
	520	F		520	M
	530	F		530	M
	530	F		540	M
	530	F		550	M
	530	F		550	M
	540	F		550	M
	540	F		560	M
	540	F		560	M
	550	F		560	M
	550	F		560	M
	550	F		590	M
	550	F		600	M
	550	F		620	M
	550	F		630	M
	550	F		640	M
	560	F		650	M
	560	F		650	M
	560	F		650	M
	560	F		650	M
	570	F		660	M
	570	F		660	M
	570	F		660	M
	590	F		670	M
	630	F		670	M
	630	F		670	M
	630	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		680	M
	630	F		690	M
	630	F		690	M
	640	F		690	M
	640	F		690	M
	640	F		690	M
	640	F		700	M
	650	F		700	M
	650	F		710	M
	650	F		710	M
	650	F		710	M
	650	F		710	M
	650	F		710	M
	650	F		710	M
	670	F		730	M
	680	F		730	M



Table 7 cont'd :Sex frequency and nose fork lengths  
for Babine River Sockeye, 1987 and 1988.

1987 DATE	MALE		FEMALE	
	% OF SAMPLE	AVERAGE LENGTH	% OF SAMPLE	AVERAGE LENGTH
July 28	50	57.68	50	53.39
Aug 2	48	53.29	52	52.40
Aug 7	54	53.30	46	56.40
Aug 12	56	61.90	44	60.34
Aug 17	75	56.17	25	59.56
Aug 22	55	57.93	45	60.28
Aug 27	60	58.98	40	61.03
Sept 1	63	59.87	37	61.62
Sept 6	50	58.25	50	62.77
YEARLY AVERAGE	57	57.50	43	58.64

1988 DATE	MALE		FEMALE	
	% OF SAMPLE	AVERAGE LENGTH	% OF SAMPLE	AVERAGE LENGTH
July 24	50	56.38	50	53.62
July 29	44	57.59	56	54.11
Aug 3	58	56.90	42	54.08
Aug 8	44	52.16	56	55.02
Aug 13	49	52.83	51	54.09
Aug 18	52	54.53	48	55.07
Aug 23	60	55.71	40	55.33
Aug 28	65	55.65	35	57.36
Sept 2	63	55.87	37	58.40
Sept 7	69	56.34	31	59.71
YEARLY AVERAGE	55	55.40	45	55.68

Table 8 : Biological information from Sockeye samples collected at the Babine River Counting Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
July 24	500	600	F
	520	630	F
	370	450	M
	435	530	M
	405	480	F
	435	530	F
	440	530	F
	525	650	M
	500	620	F
	535	650	M
	470	560	M
	430	520	F
	430	510	M
	390	480	M
	490	590	F
	515	615	F
	400	485	M
	530	615	F
	440	525	M
	410	495	M
	460	550	M
	440	510	F
	430	515	F
	440	525	F
July 25	425	510	M
	455	550	M
	455	535	F
	470	550	F
	450	540	F
	430	500	F
	520	630	F
	420	490	F
	450	530	F
	435	535	F
	440	535	M
	455	530	M
	510	610	F
	500	600	M
	475	540	M
	405	510	M
	505	600	M
	490	570	M
	450	550	F
	570	610	M
495	550	F	
515	610	M	
425	490	M	
500	570	M	
495	560	F	
535	600	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
July 26	445	520	F
	555	675	M
	460	550	M
	505	615	F
	440	540	M
	395	490	F
	400	500	M
	495	590	F
	550	640	M
	510	610	F
	520	630	F
	590	685	M
	525	645	M
	455	550	F
	520	640	M
	450	550	F
	435	540	M
	575	680	M
	430	530	F
	475	590	M
	475	580	F
	460	550	F
	500	610	F
	450	570	M
	445	550	M
	July 27	490	575
410		510	M
565		675	M
545		660	M
510		610	M
515		600	F
500		600	M
435		545	M
495		600	F
415		510	M
510		610	F
390		480	M
420		530	F
535		640	M
430		510	F
520		620	F
510		620	F
395		500	M
410		510	M
510		620	F
460	560	M	
485	580	F	
425	510	F	
400	495	M	
560	670	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
July 28	500	590	M
	520	625	F
	420	480	M
	450	560	M
	495	595	F
	425	510	M
	525	610	F
	435	515	F
	455	540	F
	515	580	F
	475	580	M
	535	655	M
	470	560	M
	410	495	M
	440	515	M
	560	600	M
	420	510	M
	460	540	F
	485	580	M
	520	630	M
	455	550	M
	520	615	F
	550	650	F
	525	625	F
	440	520	M
	July 29	465	565
550		690	M
470		550	F
495		590	F
455		540	F
535		645	F
500		605	F
530		620	F
535		630	F
475		570	F
415		500	M
625		525	F
480		590	M
460		530	F
475		570	F
495		585	F
500		600	F
400		485	M
470		560	M
400		480	M
485	570	M	
455	530	F	
440	535	F	
440	530	M	
510	600	F	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
July 30	505	615	M	
	490	600	F	
	485	565	M	
	455	545	F	
	450	555	M	
	530	640	F	
	450	535	F	
	470	575	F	
	445	530	F	
	520	620	F	
	515	620	M	
	425	510	F	
	530	635	F	
	415	510	M	
	520	610	F	
	530	640	F	
	440	545	M	
	415	515	F	
	460	570	F	
	420	520	M	
	490	585	M	
	420	510	M	
	505	610	M	
	455	530	F	
	490	590	F	
	July 31	450	560	M
		490	590	F
440		540	M	
430		525	M	
450		540	F	
415		495	M	
400		490	M	
405		490	M	
400		500	M	
410		490	M	
410		500	M	
460		550	F	
430		515	F	
420		510	M	
440		530	F	
450		530	F	
435		520	F	
475		570	F	
400		480	M	
455		535	M	
495		580	F	
440		520	M	
470		555	F	
450	540	F		
400	485	M		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 1	420	500	M	
	410	510	M	
	465	550	F	
	430	510	M	
	505	610	F	
	400	485	M	
	440	535	F	
	415	515	M	
	455	560	F	
	420	530	M	
	495	600	M	
	435	530	F	
	435	530	F	
	445	560	M	
	470	565	F	
	445	535	M	
	435	540	F	
	525	640	F	
	500	615	F	
	430	520	F	
	465	570	F	
	450	520	M	
	445	540	F	
	505	610	F	
	480	585	F	
	Aug 2	445	550	M
		415	510	M
435		525	M	
455		550	M	
425		535	M	
400		500	M	
495		575	F	
460		545	F	
450		540	F	
425		525	M	
425		510	M	
430		515	M	
435		520	F	
430		525	F	
435		525	M	
395		495	M	
510		610	F	
420		510	M	
425		520	M	
450		540	F	
405		495	M	
500		585	F	
515	605	F		
455	540	F		
525	615	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 3	435	520	M	
	455	530	F	
	450	550	F	
	470	560	F	
	475	560	F	
	420	510	M	
	460	550	M	
	535	640	F	
	435	510	M	
	420	510	M	
	465	555	F	
	420	510	F	
	510	600	F	
	505	610	F	
	450	530	F	
	455	540	F	
	460	535	F	
	430	525	F	
	530	635	F	
	545	655	M	
	495	590	M	
	440	525	M	
	480	550	F	
	420	510	M	
	465	555	F	
	Aug 4	465	550	F
		420	510	M
445		540	M	
550		640	F	
400		480	M	
465		560	F	
525		595	F	
470		550	F	
520		610	F	
425		510	M	
525		620	M	
500		610	M	
480		575	F	
470		580	M	
455		540	F	
420		480	M	
470		550	F	
450		545	M	
425		515	M	
435		520	F	
415	500	M		
500	610	F		
420	510	M		
530	615	F		
415	490	M		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Aug 5	475	560	M
	480	560	F
	450	530	M
	580	700	M
	435	520	F
	425	510	M
	445	520	F
	540	625	F
	425	510	M
	425	520	M
	420	510	M
	530	635	F
	440	510	F
	475	570	F
	405	490	M
	500	600	M
	405	500	M
	445	530	F
	465	560	F
	415	500	M
	465	545	F
	470	560	F
	505	590	F
445	540	F	
Aug 6	435	530	M
	425	510	M
	570	670	F
	420	510	M
	425	510	M
	470	550	F
	495	590	F
	460	550	F
	415	510	M
	465	560	F
	465	550	F
	435	530	F
	455	540	F
	530	620	F
	425	510	M
	460	540	F
	485	560	F
	435	520	M
	510	590	M
	455	530	F
	480	570	F
	480	560	F
	455	540	F
455	540	F	
450	535	F	
435	525	F	



Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 7	450	530	F	
	465	560	M	
	505	600	M	
	485	570	F	
	450	540	F	
	460	550	M	
	450	530	F	
	440	530	M	
	420	510	M	
	480	560	F	
	450	530	M	
	435	520	F	
	420	520	M	
	390	480	M	
	495	575	F	
	465	540	F	
	425	520	M	
	460	550	F	
	510	610	F	
	460	530	F	
	430	515	F	
	490	590	F	
	485	570	F	
	435	520	M	
	455	550	M	
	Aug 8	430	500	F
		445	535	M
		420	510	M
		425	505	F
		410	495	F
435		520	F	
505		610	F	
440		530	F	
415		495	F	
445		515	F	
455		530	M	
470		550	M	
450		540	M	
435		520	F	
420		495	F	
455		530	F	
475		555	M	
525		630	M	
540		630	M	
455		540	M	
415	500	F		
410	490	M		
430	510	M		
485	585	F		
450	530	M		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 9	490	605	F	
	420	520	M	
	435	530	F	
	530	650	M	
	440	530	F	
	485	580	F	
	420	510	M	
	430	525	F	
	460	555	M	
	415	510	F	
	450	535	F	
	450	540	F	
	435	525	M	
	460	565	F	
	440	530	F	
	390	485	M	
	415	505	F	
	465	540	F	
	460	555	F	
	440	550	F	
	475	585	M	
	415	500	F	
	435	525	F	
	435	525	F	
	490	600	F	
	Aug 10	480	585	M
		420	520	M
475		555	F	
465		565	F	
420		520	F	
435		530	F	
455		545	F	
435		525	F	
420		500	F	
535		650	F	
445		525	F	
485		580	M	
405		500	M	
440		520	F	
440		530	F	
460		560	M	
470		560	F	
500		595	F	
425		510	M	
460		545	M	
495	585	F		
470	575	M		
460	540	F		
475	555	F		
475	555	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 11	530	635	F	
	465	560	M	
	470	565	F	
	440	540	F	
	470	560	F	
	475	575	M	
	475	575	M	
	430	520	F	
	415	500	M	
	455	550	F	
	475	565	F	
	465	560	F	
	460	550	F	
	425	520	F	
	420	510	M	
	415	495	M	
	450	545	F	
	450	540	F	
	430	530	M	
	455	540	F	
	425	505	M	
	470	560	M	
	430	525	F	
	525	630	F	
	445	530	F	
	Aug 12	405	485	M
		460	545	F
570		695	M	
460		555	F	
420		505	M	
390		480	M	
475		565	F	
450		550	M	
405		490	M	
420		520	M	
465		580	M	
545		645	M	
445		535	M	
460		550	F	
455		540	F	
465		550	F	
470		560	F	
470		570	F	
485		595	M	
485		580	F	
450		535	F	
460		540	F	
420		500	M	
510	615	F		
510	610	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Aug 13	460	575	M
	475	570	F
	450	535	F
	385	470	M
	450	555	F
	490	595	M
	520	630	F
	470	580	M
	410	505	M
	445	550	F
	480	560	F
	495	600	M
	410	505	M
	520	620	F
	465	555	F
	445	545	F
	525	625	F
	405	490	M
	465	560	M
	420	505	M
	560	670	M
	455	540	F
	470	560	F
410	500	F	
Aug 14	470	570	M
	455	550	F
	495	585	M
	410	510	M
	440	520	F
	475	560	F
	410	500	M
	455	540	F
	460	560	M
	465	550	F
	470	560	F
	425	515	M
	415	530	M
	425	510	F
	460	555	F
	450	530	F
	495	590	F
	545	660	M
	435	535	M
	420	520	M
450	545	M	
455	530	F	
550	655	M	
475	560	F	
455	545	M	
405	505	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 15	415	500	M	
	440	515	F	
	490	575	F	
	435	525	M	
	480	570	F	
	480	560	F	
	440	530	F	
	490	605	M	
	435	520	M	
	465	565	M	
	505	590	F	
	465	545	F	
	430	520	F	
	470	555	F	
	480	590	M	
	420	510	M	
	475	555	F	
	500	605	M	
	465	560	F	
	470	555	F	
	435	520	M	
	480	560	F	
	490	590	M	
	400	485	M	
	435	535	M	
	Aug 16	440	530	M
		450	540	M
470		570	M	
480		580	M	
530		640	F	
475		590	M	
460		550	F	
430		510	M	
445		530	F	
515		620	F	
460		550	M	
475		560	F	
485		575	F	
430		520	M	
500		600	M	
465		555	F	
455		545	F	
470		550	M	
410		500	M	
480		580	M	
450	540	F		
470	565	F		
465	560	M		
530	620	M		
425	530	M		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 17	460	530	F	
	415	495	M	
	530	630	F	
	430	520	M	
	460	550	F	
	510	620	M	
	470	550	F	
	470	555	F	
	475	560	F	
	450	535	M	
	535	650	F	
	530	635	M	
	450	530	M	
	495	570	F	
	435	515	F	
	480	560	F	
	460	540	F	
	455	535	F	
	420	515	M	
	455	535	F	
	450	530	M	
	450	535	F	
	470	575	F	
	445	530	F	
	460	550	F	
	Aug 18	425	500	M
		450	540	F
455		530	M	
555		670	M	
460		510	F	
400		490	M	
450		550	F	
410		490	F	
460		530	F	
510		610	M	
415		480	M	
450		540	M	
405		480	M	
435		510	M	
420		500	M	
460		540	F	
465		520	F	
485		570	F	
420		490	F	
475		550	F	
480		570	F	
525	620	M		
425	490	M		
470	550	F		
400	460	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 19	440	500	F	
	465	560	F	
	465	570	M	
	460	540	F	
	520	630	M	
	465	550	F	
	545	630	F	
	460	540	F	
	395	470	F	
	465	550	F	
	400	470	M	
	450	520	F	
	390	480	M	
	465	560	F	
	460	550	F	
	475	550	F	
	415	510	M	
	455	550	F	
	490	580	F	
	485	550	F	
	470	570	F	
	450	530	F	
	455	540	F	
	440	520	F	
	470	560	M	
	Aug 20	535	670	M
		470	560	F
480		590	F	
550		680	M	
450		550	F	
430		515	F	
475		555	F	
475		560	F	
490		585	F	
470		560	M	
425		525	F	
455		540	F	
495		600	M	
495		590	F	
445		545	F	
425		520	M	
500		580	F	
470		560	F	
460		550	M	
440		530	F	
435	520	F		
460	550	M		
415	500	M		
415	520	M		
465	550	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Aug 21	490	580	M
	480	570	F
	490	580	F
	445	530	F
	440	530	M
	490	600	F
	430	520	M
	415	500	F
	420	520	M
	450	520	F
	460	570	F
	510	630	M
	475	560	M
	560	670	M
	585	690	M
	550	670	M
	480	570	F
	470	550	F
	480	530	F
	460	560	F
	465	550	F
	410	490	M
	400	480	F
420	490	F	
475	540	F	
Aug 22	440	540	F
	475	565	F
	515	630	M
	535	630	F
	465	555	F
	495	605	M
	455	555	F
	430	535	F
	440	540	F
	475	590	M
	460	550	F
	485	590	M
	415	515	M
	440	535	F
	430	520	M
	490	610	M
	460	560	F
	530	650	M
	445	530	F
	450	540	F
	480	580	F
	450	540	F
	475	570	F
450	540	F	
410	500	M	



Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Aug 23	475	575	F
	420	510	M
	490	605	M
	500	620	F
	430	530	F
	510	600	F
	410	515	M
	475	600	M
	445	535	M
	450	545	F
	420	520	F
	490	585	F
	465	550	F
	415	500	M
	460	550	F
	460	565	M
	475	570	F
	470	570	M
	410	500	M
	475	570	F
	475	570	F
	410	505	M
	490	585	F
485	570	F	
455	540	F	
Aug 24	465	565	F
	435	530	F
	445	540	F
	515	620	F
	410	500	M
	475	580	F
	460	565	F
	460	570	M
	400	500	M
	470	575	F
	470	570	F
	410	500	M
	470	580	M
	445	540	F
	465	560	F
	455	560	F
	455	545	F
	485	590	F
	495	610	M
	490	605	M
	465	555	F
	505	615	F
	460	555	F
435	530	F	
470	570	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Aug 25	450	545	M
	435	520	F
	460	555	F
	425	520	F
	475	570	F
	470	550	F
	425	520	F
	445	550	F
	510	640	M
	445	540	F
	465	565	F
	445	570	M
	465	565	F
	480	575	M
	435	530	F
	475	575	F
	450	550	M
	440	535	F
	465	555	F
	480	580	F
	465	550	F
	585	720	M
	390	475	M
440	530	M	
480	610	M	
Aug 26	480	620	M
	450	540	F
	460	550	F
	470	580	M
	525	635	M
	465	550	F
	450	530	F
	560	680	F
	460	540	F
	445	540	F
	410	505	M
	450	545	F
	420	510	F
	435	555	M
	515	615	F
	435	530	F
	445	550	F
	470	570	F
	455	570	M
	465	560	F
	445	555	F
	530	640	F
	425	535	M
490	600	M	
525	655	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Aug 27	475	560	F
	440	535	M
	425	540	F
	510	640	M
	410	510	M
	450	545	F
	435	530	F
	460	555	F
	440	535	F
	445	550	F
	465	560	F
	490	580	F
	460	550	F
	460	555	F
	490	605	M
	495	600	F
	465	575	M
	440	550	M
	430	540	M
	440	535	F
	435	530	F
	470	570	F
	495	605	M
	415	510	F
425	515	F	
Aug 28	470	590	M
	445	535	F
	465	610	M
	435	530	F
	490	620	M
	440	530	M
	445	550	F
	485	595	F
	475	575	F
	425	520	F
	440	530	F
	420	520	M
	450	555	F
	450	550	F
	420	520	F
	450	550	F
	460	560	F
	420	515	F
	475	580	F
	430	525	F
	495	630	M
	470	590	M
	455	550	F
	435	530	M
405	500	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 29	445	530	F	
	495	590	M	
	460	550	F	
	500	590	M	
	430	530	F	
	520	625	F	
	485	575	F	
	470	565	F	
	450	540	F	
	475	560	F	
	450	540	F	
	450	550	M	
	450	535	F	
	490	580	F	
	445	535	F	
	430	515	F	
	470	560	F	
	495	590	M	
	465	560	F	
	460	560	F	
	495	590	M	
	465	560	F	
	495	575	M	
	415	490	M	
	Aug 30	465	560	F
		475	580	F
		460	660	M
460		670	F	
420		530	F	
590		620	M	
445		550	F	
450		660	F	
455		650	F	
440		540	F	
465		560	F	
465		580	M	
475		570	F	
510		605	M	
510		600	M	
495		580	F	
470		550	F	
470		570	M	
475		570	F	
480		560	F	
440	520	F		
490	590	M		
465	560	F		
495	590	M		
445	535	F		
495	600	M		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Aug 31	410	500	M	
	510	610	M	
	460	550	F	
	410	520	M	
	410	510	F	
	415	520	M	
	480	570	F	
	455	560	F	
	440	530	F	
	470	560	F	
	490	600	M	
	500	590	F	
	500	590	M	
	475	590	M	
	450	540	F	
	480	580	F	
	500	600	M	
	470	590	F	
	460	550	F	
	460	560	F	
	480	600	M	
	445	550	F	
	450	530	F	
	500	610	M	
	560	700	M	
	Sept 1	490	585	F
		430	525	F
475		570	M	
515		625	M	
485		600	F	
520		640	F	
540		670	M	
575		710	M	
460		555	F	
460		550	F	
470		580	M	
440		540	F	
510		635	M	
475		570	F	
445		535	F	
475		580	F	
460		560	F	
455		545	F	
480		580	M	
480		570	F	
425		520	M	
475		580	F	
425		520	F	
540	660	F		
415	510	M		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Sept 2	545	670	M
	460	565	F
	425	525	F
	445	540	F
	470	550	F
	435	525	M
	505	610	M
	520	620	M
	525	620	M
	450	540	F
	445	540	F
	460	555	F
	520	630	M
	480	570	F
	475	570	F
	450	540	F
	490	590	F
	490	595	F
	440	530	M
	455	555	F
	580	700	F
	460	550	F
	480	590	M
460	540	F	
440	540	F	
Sept 3	510	620	M
	450	550	M
	430	520	F
	465	570	M
	460	550	F
	510	620	F
	470	580	M
	520	650	M
	495	590	F
	455	540	F
	450	545	F
	500	600	F
	480	580	F
	465	570	F
	555	660	F
	415	510	F
	480	570	F
	420	510	F
	480	595	M
	465	565	F
	485	590	F
	495	600	F
	490	600	F
470	560	F	
440	530	M	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Sept 4	545	685	M	
	450	540	F	
	500	620	M	
	465	550	F	
	455	555	F	
	460	550	F	
	470	560	F	
	465	560	F	
	450	540	F	
	485	595	M	
	445	540	F	
	525	635	F	
	455	545	F	
	500	600	F	
	445	535	F	
	535	670	M	
	450	540	F	
	460	560	F	
	500	615	F	
	410	500	M	
	410	510	M	
	425	520	F	
	420	520	M	
	430	525	F	
	460	555	F	
	Sept 5	555	690	M
		460	560	F
510		615	F	
460		555	F	
500		605	F	
495		620	M	
495		610	M	
480		585	F	
425		525	F	
435		530	F	
440		535	F	
460		560	F	
570		700	M	
420		520	M	
470		580	M	
460		575	F	
460		560	F	
445		545	F	
450		550	F	
415		520	M	
440	550	F		
465	570	F		
455	560	F		
495	625	M		
445	550	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Sept 6	500	595	F
	480	570	F
	450	545	F
	505	630	M
	530	660	M
	490	600	F
	475	600	M
	455	555	F
	400	490	M
	450	555	F
	490	600	F
	440	540	F
	520	635	F
	470	575	F
	490	595	F
	405	505	F
	485	620	M
	460	565	F
	460	555	F
	500	610	F
	535	660	F
	430	535	F
	415	525	F
485	595	M	
445	560	M	
Sept 7	525	655	F
	480	585	F
	475	570	F
	490	600	F
	460	570	F
	505	640	M
	470	585	M
	470	580	F
	460	560	F
	500	620	M
	475	575	F
	455	560	F
	440	545	F
	475	590	F
	490	605	F
	450	560	M
	510	655	M
	465	565	F
	455	555	F
	465	595	M
	425	520	F
	475	585	F
	495	625	M
440	535	F	
435	540	F	



Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX	
Sept 8	475	580	F	
	435	535	F	
	450	550	F	
	455	570	M	
	480	590	F	
	460	575	M	
	480	585	F	
	470	580	F	
	470	570	F	
	465	555	F	
	525	645	F	
	450	550	F	
	450	555	F	
	435	535	F	
	445	545	F	
	420	515	F	
	535	685	M	
	460	575	M	
	525	655	F	
	465	570	F	
	540	540	M	
	450	550	F	
	410	515	M	
	525	655	F	
	480	595	F	
	Sept 9	460	545	F
		495	620	M
		505	630	M
		440	540	F
		460	565	F
485		595	F	
405		500	M	
445		545	F	
430		525	F	
475		610	M	
475		595	M	
460		565	F	
435		540	M	
475		610	M	
480		590	F	
490		615	M	
380		490	M	
470		580	F	
475		600	M	
515		625	F	
440	540	F		
485	630	M		
485	590	F		
480	610	M		
465	565	F		

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Sept 10	465	595	M
	470	580	F
	440	575	M
	465	565	F
	430	540	F
	450	555	F
	555	705	M
	445	560	M
	440	545	F
	465	580	F
	460	550	F
	450	595	F
	430	530	F
	450	550	F
	475	595	M
	455	565	F
	440	555	M
	490	600	F
	540	665	F
	440	540	F
	450	545	F
	460	560	F
	445	550	F
435	540	F	
Sept 11	540	680	M
	500	610	F
	380	480	M
	480	605	M
	455	555	F
	445	550	F
	425	530	F
	510	620	F
	465	565	F
	455	570	M
	465	565	F
	485	580	F
	450	555	F
	490	595	F
	480	590	F
	450	555	F
	415	510	F
	470	570	F
	515	640	M
	435	545	F
	460	560	F
	450	550	F
	500	630	M
455	565	F	
460	545	F	
450	540	F	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Sept 12	470	590	M
	445	550	F
	455	555	F
	450	550	F
	400	510	M
	475	585	F
	455	560	F
	420	520	F
	420	515	F
	550	690	M
	420	525	M
	440	540	F
	430	530	F
	485	620	M
	495	610	F
	470	570	F
	495	615	M
	450	545	F
	470	580	F
	565	705	M
	460	560	F
	480	615	M
	480	610	M
490	630	M	
490	610	M	
Sept 13	420	510	F
	485	600	M
	485	585	M
	500	620	F
	470	590	M
	440	555	F
	490	600	F
	530	650	F
	470	575	F
	465	575	M
	470	600	M
	480	575	M
	480	610	M
	455	550	F
	460	560	F
	490	590	F
	460	570	F
	460	570	F
	470	570	F
	460	560	F
	485	590	F
	540	640	F
	470	570	F
540	660	M	
465	565	F	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Sept 14	500	620	F
	495	610	F
	490	610	F
	450	570	F
	480	580	F
	450	550	F
	510	630	F
	485	620	M
	450	560	F
	530	650	F
	480	580	F
	470	560	F
	465	550	F
	485	570	F
	490	590	F
	475	580	M
	530	640	F
	490	600	M
	490	580	F
	535	640	F
	545	670	M
	455	530	F
	450	550	F
535	690	M	
450	540	F	
Sept 15	460	570	F
	490	610	M
	480	595	M
	515	635	M
	460	560	M
	500	600	F
	485	605	M
	440	570	M
	450	550	F
	470	585	M
	545	670	F
	450	540	F
	555	665	F
	460	550	F
	550	675	F
	470	575	F
	580	720	M
	510	610	F
	430	530	F
	520	640	F
	450	560	F
	470	580	F
	490	620	M
450	540	F	
420	515	F	

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	HYPURAL LENGTH	NOSE FORK LENGTH	SEX
Sept 16	460	595	M
	400	495	F
	485	605	M
	530	645	F
	435	575	M
	470	580	F
	440	530	M
	490	590	F
	510	610	F
	490	610	M
	420	520	F
	480	585	F
	520	630	F
	430	530	F
	470	580	F
	520	655	F
	450	550	F
	475	595	M
	590	720	M
	430	520	F
	500	610	F
	450	550	F
	525	655	F
	460	560	F
	480	585	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
July 24	490	F	July 24	560	F
	500	F		620	F
	550	M		645	M
	600	F		525	M
	570	F		570	F
	630	F		580	F
	510	F		550	F
	490	M		580	F
	575	M		520	M
	590	M		560	F
	475	F		510	M
	520	M		655	M
	515	M		595	F
	490	M		500	M
	505	M		480	M
	620	F		530	M
	540	M		530	F
	545	M		610	F
	580	F		570	M
	510	M		590	M
	475	M		540	M
	480	M		565	M
	610	F		490	M
	520	M		510	M
	520	F		480	M
	525	F		510	F
	615	F		510	M
	530	M		600	F
	460	F		580	M
	560	M		520	F
	580	M		530	M
	620	F		665	F
	500	M		560	M
	580	F		625	M
	460	M		485	M
	490	F		625	M
	510	F		580	M
	550	F		635	F
	560	F		525	F
	550	F		550	F
	530	F		580	F
	610	F		525	F
	500	F		530	F
	530	F		630	F
	520	M		595	F
	540	F		515	M
	595	M		655	M
	480	F		630	F
	520	M		490	M
	630	M		510	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
July 29	620	F	July 29	520	M
	540	F	cont.	520	M
	500	F		600	F
	595	F		540	F
	500	F		490	M
	470	M		500	M
	650	F		495	M
	490	M		555	M
	610	F		615	F
	530	F		530	M
	540	M		490	M
	500	M		520	M
	550	M		590	M
	580	M		610	F
	680	M		500	M
	570	M		530	F
	580	F		635	F
	560	M		510	M
	570	M		500	M
	500	M		620	F
	550	F		540	F
	510	M		540	F
	630	F		580	M
	550	M		550	F
	560	F		650	F
	550	F		495	M
	500	M		640	F
	610	F		630	F
	540	M		510	F
	650	F		495	M
	520	M		600	F
	600	F		500	F
	680	M		520	F
	520	F		480	M
	505	M		610	F
	470	F		590	F
	500	M		530	M
	500	M		470	M
	500	F		610	F
	510	F		680	M
	540	F		605	F
	520	M		590	M
	610	M		515	M
	625	F		675	M
	520	M		500	M
	630	M		495	F
	650	M		555	F
	620	F		520	M
	560	M		580	F
	480	M		595	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
July 29	570	F	Aug 3	655	F
	510	F		630	M
	535	F		500	M
	585	F		590	F
	530	F		520	M
	585	M		660	M
	635	M		530	M
	540	M		560	F
	600	F		550	F
	535	F		545	F
	520	F		540	M
	505	M		575	F
	530	F		525	F
	560	M		510	F
	490	F		550	M
	505	M		510	M
	620	F		535	F
	505	F		550	F
	495	M		490	M
	495	M		580	F
	490	M		590	F
	495	M		530	F
	650	M		540	M
	590	F		540	M
	535	F		630	F
	570	F		540	F
	590	F		675	M
	505	F		560	M
	545	M		510	M
	505	F		530	M
	485	M		520	M
	530	F		540	F
	545	F		640	M
	530	M		610	F
	550	F		595	F
	595	M		460	M
	525	F		540	F
	605	F		570	F
	490	M		550	M
	540	F		600	M
	605	F		640	M
	600	F		520	M
	525	M		595	F
	620	F		610	F
	530	F		570	F
	520	M		520	M
	500	M		550	F
	595	M		625	F
	505	M		520	M
	660	M		585	M



Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 3	530	M	Aug 3	530	F
	510	M		560	F
	630	F		620	F
	570	M		560	M
	490	M		520	F
	620	F		530	M
	660	F		630	F
	540	F		585	F
	560	F		485	F
	490	M		470	M
	530	F		550	M
	560	F		600	F
	570	F		530	F
	540	F		640	F
	520	M		515	M
	530	F		530	F
	510	F		560	M
	590	M		500	M
	530	F		510	M
	545	F		620	F
	560	M		490	M
	545	F		615	F
	620	F		520	M
	600	F		515	M
	525	F		540	F
	510	M		515	M
	545	F		650	F
	530	F		590	F
	565	F		570	F
	515	M		530	F
	490	M		560	F
	515	M		580	M
	585	F		595	F
	555	M		590	F
	610	F		560	F
	510	F		620	F
	650	F		530	F
	505	F		510	M
	655	F		550	F
	565	F		600	F
	600	F		590	M
	555	F		600	F
	515	F		595	M
	470	M		505	M
	500	F		510	M
	520	F		520	F
	570	M		560	F
	505	M		520	M
	495	F		620	F
	540	F		570	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 8	550	F	Aug 8	530	M
	520	F		620	M
	490	F		550	F
	580	M		520	M
	515	F		530	M
	620	M		550	F
	510	F		515	F
	500	F		505	M
	475	M		480	F
	480	F		495	F
	550	M		505	M
	560	M		565	M
	475	F		500	M
	560	M		540	M
	665	M		520	M
	550	M		545	F
	505	F		510	M
	490	F		530	M
	520	F		550	F
	520	M		550	M
	605	M		495	M
	605	M		595	M
	480	F		545	M
	525	M		530	M
	540	F		525	M
	500	F		665	F
	625	M		485	F
	490	F		640	M
	485	F		540	M
	560	M		560	M
	505	M		495	F
	525	M		490	M
	545	M		450	F
	565	M		530	M
	510	M		500	F
	530	M		545	M
	640	M		640	F
	515	F		525	M
	495	F		500	M
	495	F		540	M
	540	M		520	M
	530	M		520	F
	500	F		580	M
	480	F		470	F
	570	M		505	M
	460	M		485	F
	620	M		480	F
	510	M		500	M
	580	F		525	F
	540	F		530	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 8	510	F	Aug 13	560	F
	540	M		480	M
	485	F		575	M
	580	M		560	F
	555	M		540	F
	550	M		515	M
	600	M		560	F
	510	F		495	M
	660	M		455	M
	540	M		595	M
	645	M		550	M
	545	M		510	F
	480	F		585	F
	500	F		590	M
	490	F		600	F
	490	F		555	F
	640	M		535	M
	505	M		540	M
	500	F		580	M
	515	F		520	M
	620	M		475	M
	535	M		535	F
	500	F		510	F
	560	F		495	M
	540	M		515	M
	590	F		570	M
	530	F		540	F
	525	F		545	F
	580	M		515	M
	525	F		520	F
	525	M		570	F
	505	F		520	M
	560	M		495	M
	525	F		570	M
	530	F		565	M
	480	F		520	M
	510	M		595	F
	515	F		540	F
	650	F		640	F
	495	M		560	M
	555	M		625	M
	520	F		620	M
	540	M		505	M
	510	F		540	F
	530	M		500	M
	635	F		540	F
	495	F		510	M
	530	M		565	F
	675	F		540	M
	500	M		595	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 13	660	F	Aug 13	510	F
	535	M		535	M
	550	F		585	F
	585	F		540	F
	470	M		675	M
	550	F		545	F
	560	F		560	M
	545	M		480	M
	525	F		525	F
	670	M		500	M
	620	F		495	M
	585	M		530	F
	530	F		530	F
	540	M		580	F
	565	F		520	M
	545	F		615	M
	560	M		570	M
	640	F		565	F
	555	F		540	F
	480	M		530	M
	540	M		510	M
	550	F		595	F
	520	F		490	M
	535	F		520	M
	540	M		540	M
	475	M		580	F
	530	F		620	M
	695	M		550	F
	530	F		580	F
	610	M		495	M
	570	F		520	M
	575	F		570	M
	660	F		530	F
	635	M		530	F
	550	F		530	F
	540	F		610	M
	525	F		555	F
	495	M		530	F
	570	F		555	M
	535	F		540	F
	510	M		460	M
	510	F		555	F
	595	M		560	F
	530	M		500	M
	530	F		555	F
	520	M		510	M
	560	M		545	F
	505	M		500	M
	495	M		520	F
	500	M		515	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 18	540	F	Aug 18	520	F
	520	M		540	F
	570	M		520	F
	590	F		530	F
	500	F		520	F
	540	F		560	F
	550	M		540	F
	490	F		520	F
	630	F		490	M
	640	F		550	F
	630	M		660	M
	580	M		500	M
	560	M		470	F
	520	M		530	F
	570	M		530	F
	555	M		570	M
	540	F		580	M
	500	F		650	M
	520	M		570	M
	550	M		650	M
	520	M		490	F
	540	M		500	M
	550	M		580	F
	560	M		530	F
	580	F		580	M
	460	F		605	M
	510	F		525	M
	560	M		570	M
	560	F		550	F
	570	M		545	M
	540	F		470	M
	520	F		620	M
	490	F		550	F
	530	M		500	M
	590	F		510	M
	560	M		490	F
	520	M		600	F
	510	F		560	F
	550	M		550	F
	540	F		570	M
	635	M		555	F
	580	M		570	F
	560	M		535	F
	690	F		590	M
	530	M		525	F
	620	F		555	F
	550	M		550	F
	560	M		550	F
	510	F		500	M
	470	F		580	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 18	570	F	Aug 23	555	F
	510	M		570	F
	570	F		570	M
	530	F		540	F
	510	M		550	F
	535	F		550	F
	565	F		510	M
	480	M		555	M
	580	M		610	M
	590	M		570	M
	580	F		630	F
	560	F		525	F
	570	F		585	F
	550	F		525	M
	600	F		560	F
	470	M		495	M
	570	M		530	M
	470	M		490	F
	530	F		630	F
	470	M		545	F
	590	M		450	M
	560	F		550	F
	470	M		670	M
	570	F		640	M
	540	F		550	F
	520	M		460	M
	530	F		525	M
	550	F		550	F
	520	M		555	F
	500	M		550	M
	520	F		555	F
	560	F		530	F
	540	F		545	F
	530	F		550	M
	540	F		590	F
	640	M		590	F
	620	M		535	M
	540	F		545	F
	550	F		555	F
	500	M		600	M
	540	M		520	M
	540	F		580	F
	570	F		505	F
	630	M		520	F
	600	M		545	F
	500	M		480	M
	500	M		540	F
	520	F		655	M
	500	F		555	F
	560	F		580	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 23	575	F	Aug 23	550	F
	550	F		560	F
	520	F		480	M
	520	M		610	F
	505	M		550	F
	535	F		525	F
	515	M		590	M
	630	F		580	F
	525	M		560	F
	555	F		580	F
	640	M		530	F
	575	F		540	F
	595	M		500	M
	515	F		555	F
	545	F		555	F
	565	F		545	F
	620	F		565	F
	590	M		510	F
	595	M		590	F
	640	M		535	F
	555	F		560	F
	535	F		600	M
	600	M		545	F
	575	M		515	F
	495	M		490	M
	525	M		540	F
	535	M		530	M
	575	F		580	M
	685	M		530	F
	550	F		575	M
	610	M		580	M
	580	F		495	F
	560	F		600	M
	540	F		470	M
	600	M		540	F
	610	F		580	F
	555	F		620	M
	490	M		505	M
	550	M		540	F
	475	M		535	F
	560	F		550	F
	600	M		555	F
	570	F		585	F
	620	F		560	M
	540	M		530	F
	550	M		540	F
	545	F		520	F
	530	F		540	F
	510	M		550	M
	540	M		475	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 28	620	M	Aug 28	530	F
	585	M		600	F
	530	F		535	F
	550	F		490	M
	610	M		510	M
	550	F		540	M
	525	F		585	F
	590	M		540	F
	540	F		565	F
	550	F		515	M
	570	F		530	F
	570	F		540	F
	555	F		560	F
	570	F		485	M
	530	F		540	F
	540	F		490	M
	520	F		530	M
	570	M		555	F
	570	M		540	F
	620	M		605	M
	590	F		545	F
	555	F		570	F
	530	M		560	M
	540	M		550	F
	540	M		535	M
	610	M		545	F
	590	M		625	M
	470	M		530	F
	510	F		640	M
	495	F		570	M
	545	F		530	F
	575	F		530	F
	540	M		560	F
	560	F		560	F
	635	M		555	F
	600	M		620	M
	540	F		530	F
	565	F		575	F
	580	F		555	F
	635	M		545	F
	580	F		590	M
	550	F		550	F
	600	F		595	F
	600	M		580	F
	555	F		575	M
	540	F		575	F
	560	F		615	M
	540	F		570	F
	590	F		550	M
	525	F		540	M



Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Aug 28	520	F	Sept 2	580	M
	585	M		590	F
	625	F		510	M
	550	F		620	M
	550	F		550	F
	570	F		540	F
	650	M		600	M
	575	F		670	M
	560	M		620	F
	540	F		580	F
	545	F		555	M
	545	F		560	F
	545	F		530	F
	565	F		620	F
	640	M		570	F
	520	F		560	F
	570	F		580	M
	575	F		560	F
	525	F		595	F
	600	F		610	F
	525	F		560	F
	540	F		630	F
	545	F		630	M
	585	M		510	F
	460	M		550	M
	540	F		650	M
	590	M		550	F
	570	F		570	F
	570	F		590	F
	590	F		550	F
	580	F		595	M
	570	F		680	M
	525	F		560	F
	490	M		580	M
	670	M		535	F
	605	M		550	F
	560	M		640	F
	565	F		560	F
	525	F		570	F
	550	F		660	M
	585	F		540	F
	640	M		515	M
	570	M		650	M
	490	M		600	M
	580	F		540	M
	690	M		540	F
	580	F		510	F
	565	F		610	F
	555	F		570	F
	530	F		500	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 2	500	M	Sept 2	515	F
	540	F		560	F
	550	F		570	F
	540	F		560	M
	555	M		555	M
	535	F		490	M
	510	F		570	F
	570	F		560	F
	550	F		470	M
	690	M		570	M
	510	M		585	F
	600	M		590	F
	580	M		475	M
	530	M		640	M
	530	F		585	M
	555	M		600	F
	570	F		620	M
	530	F		570	F
	540	F		540	F
	570	M		550	F
	540	F		590	F
	560	F		520	M
	550	M		600	F
	570	F		590	F
	540	F		565	F
	560	M		590	M
	650	F		565	F
	710	M		695	M
	610	F		700	M
	640	M		545	F
	640	M		560	F
	540	F		480	M
	560	F		580	F
	550	F		590	F
	520	M		540	F
	610	F		550	F
	500	M		555	F
	560	F		530	F
	530	F		570	F
	580	F		560	F
	680	M		580	M
	520	F		640	F
	550	F		540	F
	600	M		530	F
	600	M		510	F
	550	F		620	F
	580	M		585	M
	525	F		670	F
	580	F		570	F
	510	M		575	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 7	580	F	Sept 7	580	M
	540	M		555	F
	610	M		500	F
	580	M		575	F
	580	F		565	F
	520	M		640	M
	610	M		590	M
	580	F		560	F
	520	F		560	F
	520	F		590	F
	540	F		555	F
	560	M		565	F
	515	F		525	F
	570	F		570	F
	490	M		580	F
	560	F		605	M
	580	F		600	F
	550	F		555	F
	565	F		550	F
	595	M		545	F
	540	F		555	F
	610	M		595	M
	575	M		550	F
	660	M		535	F
	585	F		540	F
	530	F		700	M
	540	F		550	F
	555	F		560	F
	540	F		520	M
	545	F		570	F
	560	F		600	M
	570	F		570	F
	585	F		535	F
	535	F		570	M
	500	M		725	M
	515	F		605	F
	570	F		615	F
	580	M		555	F
	635	M		525	F
	590	M		580	F
	560	F		645	M
	540	M		655	M
	610	M		565	F
	560	F		540	F
	550	F		575	F
	630	M		570	F
	495	M		575	F
	600	M		525	F
	550	F		710	M
	565	F		575	F

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 7	625	M	Sept 12	625	F
	530	F		570	F
	605	M		655	F
	495	F		535	F
	575	F		555	F
	555	F		605	M
	580	M		575	F
	575	F		545	F
	615	F		565	M
	585	M		700	M
	565	F		555	F
	670	M		580	F
	595	F		615	F
	635	F		580	F
	565	F		550	F
	510	F		545	F
	540	F		615	F
	530	F		725	M
	585	F		655	M
	560	F		570	F
	605	F		545	F
	610	F		695	M
	590	F		620	M
	575	F		580	M
	550	F		625	F
	560	F		530	F
	555	M		540	F
	605	M		605	M
	530	F		570	M
	675	F		615	F
	545	F		590	F
	560	F		615	F
	655	M		545	M
	500	M		505	F
	565	F		640	M
	580	M		535	F
	590	F		595	M
	555	F		610	M
	555	F		570	F
	600	M		550	F
	590	F		695	M
	570	M		560	F
	535	F		575	F
	580	F		510	F
	595	F		560	F
	695	M		575	F
	575	M		550	F
	560	F		540	F
	550	F		550	F
	575	F		600	M

Table 8 cont'd: Biological information from Sockeye samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 12	665	M	Sept 12	555	M
	600	M		635	F
	570	F		555	F
	600	F		620	M
	555	M		610	F
	610	F		610	M
	615	M		550	F
	550	F		585	F
	570	F		530	F
	665	M		535	F
	615	M		635	F
	540	F		555	F
	600	F		620	F
	660	F		590	M
	620	F		690	M
	570	F		545	F
	600	F		575	F
	630	F		525	F
	560	F		565	F
	600	M		580	F
	590	F		555	F
	570	F		550	F
	670	F		565	F
	565	F		700	F
	590	M		555	F

Table 9 : Biological information from Pink samples collected at the Babine River Fence, 1988.

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 10	495	M	Sept 10	470	M
	495	M		500	M
	495	M		475	M
	470	M		505	M
	505	M		475	M
	510	M		495	M
	500	M		445	M
	445	M		535	M
	465	M		480	M
	500	M		385	M
	480	M		490	M
	560	M		470	M
	530	M		490	M
	430	M		480	M
	465	M		520	M
	465	M		410	M
	505	M		495	M
	500	M		460	M
	530	M		485	M
	500	M		485	M
	495	M		420	M
	540	M		490	M
	440	M		440	M
	465	M		440	M
	510	M		440	M
	490	M		535	M
	520	M		505	M
	420	M		435	M
	475	M		485	M
	485	M		485	M
	520	M		440	M
	390	M		475	M
	425	M		450	M
	500	M		510	M
	445	M		435	F
	465	M		445	F
	465	M		445	F
	485	M		425	F
	465	M		445	F
	440	M		410	F
	435	M		455	F
	515	M		460	F
	500	M		455	F
	510	M		450	F
	405	M		455	F
	405	M		435	F
	500	M		445	F
	430	M		465	F
	515	M		490	F
	465	M		435	F

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence, 1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 11	470	M	Sept 11	495	M
	505	M		490	M
	445	M		440	M
	545	M		520	M
	475	M		420	M
	575	M		520	M
	480	M		415	M
	430	M		490	M
	515	M		515	M
	445	M		445	M
	510	M		455	M
	505	M		405	M
	480	M		515	M
	425	M		510	M
	470	M		495	M
	520	M		505	M
	480	M		535	M
	515	M		465	F
	535	M		460	F
	480	M		560	F
	525	M		500	F
	395	M		560	F
	450	M		455	F
	545	M		510	F
	485	M		420	F
	475	M		405	F
	545	M		445	F
	500	M		420	F
	475	M		465	F
	470	M		460	F
	405	M		405	F
	440	M		460	F
	470	M		430	F
	435	M		465	M
	405	M		515	M
	445	F		475	M
	465	F		420	M
	415	F		490	M
	415	F		500	M
	425	F		525	M
	450	F		510	M
	435	F		555	M
	475	F		470	M
	455	F		495	M
	530	M		480	M
	545	M		535	M
	475	M		540	M
	420	M		420	M
	415	M		435	M
	450	M		435	M

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence,1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 12	440	F	Sept 12	505	M
	480	F		475	M
	470	F		505	M
	420	F		495	M
	440	F		505	M
	445	F		550	M
	470	F		570	M
	425	F		520	M
	410	F		445	M
	460	F		525	M
	455	M		495	M
	440	M		475	M
	495	M		450	F
	400	M		450	F
	455	M		410	F
	420	M		420	M
	465	M		460	M
	495	M		470	M
	450	M		445	M
	455	M		455	M
	415	M		425	M
	505	M		420	M
	435	M		500	M
	530	M		440	M
	460	M		495	M
	490	M		380	M
	480	M		470	M
	480	M		475	M
	475	M		440	M
	435	M		450	M
	455	M		445	M
	530	M		515	M
	450	M		510	M
	465	M		505	M
	465	M		445	F
	430	M		435	F
	515	M		485	F
	490	M		505	F
	465	M		460	F
	460	M		440	F
	460	M		425	F
	475	M		570	M
	465	M		470	M
	530	M		470	M
	510	M		495	M
	500	M		475	M
	550	M		430	M
	470	M		470	M
	510	M		430	M
	435	M		395	F



Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence, 1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 13	560	M	Sept 13	510	M
	480	M		520	M
	460	M		440	M
	510	M		520	M
	470	M		390	M
	500	M		450	M
	390	M		470	M
	510	M		420	M
	450	M		510	M
	500	M		490	M
	500	M		440	M
	440	M		450	M
	460	M		460	M
	420	M		480	M
	460	M		490	M
	470	M		450	M
	470	M		420	M
	470	M		430	M
	480	M		460	M
	460	M		490	M
	460	M		480	M
	520	M		500	M
	480	M		550	M
	460	M		490	M
	450	M		480	M
	480	M		420	M
	470	M		440	M
	460	M		500	M
	440	M		500	M
	510	M		450	F
	440	M		450	F
	440	M		460	F
	450	M		450	F
	470	M		580	F
	420	M		450	F
	470	M		460	F
	470	M		420	F
	400	M		420	F
	440	M		440	F
	500	M		440	F
	430	M		470	F
	440	M		430	F
	420	M		430	M
	410	M		450	M
	590	M		510	M
	490	M		450	M
	500	M		520	M
	450	M		490	M
	500	M		420	M
	420	M		500	M

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence,1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 14	450	F	Sept 14	510	M
	430	F		470	M
	470	F		480	M
	470	F		400	M
	450	F		430	M
	395	F		440	M
	500	F		470	M
	490	F		470	M
	435	F		480	M
	480	F		410	M
	445	F		445	M
	445	F		445	M
	475	F		505	M
	455	F		490	M
	435	F		430	M
	430	F		495	M
	395	F		530	M
	430	F		500	M
	435	F		495	M
	480	F		455	M
	460	F		490	M
	480	F		505	M
	450	F		485	M
	465	F		470	M
	445	F		480	M
	420	M		445	M
	440	M		405	M
	495	M		455	M
	445	M		485	M
	360	M		485	M
	500	M		505	M
	445	M		440	M
	490	M		445	M
	480	M		515	M
	485	M		510	M
	535	M		535	M
	540	M		495	M
	460	M		500	M
	510	M		490	M
	480	M		450	M
	450	M		450	M
	475	M		535	M
	395	M		480	M
	490	M		495	M
	440	M		500	M
	465	M		455	M
	395	M		420	M
	580	M		390	M
	435	M		490	M
	470	M		455	M

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence,1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 15	430	M	Sept 15	430	M
	415	M		405	M
	370	M		490	M
	525	M		410	M
	475	M		440	M
	445	M		450	M
	440	M		470	M
	430	M		470	M
	435	M		505	M
	470	M		500	M
	470	M		475	M
	495	M		470	M
	445	M		500	M
	450	M		460	M
	450	M		520	M
	430	M		390	M
	535	M		410	M
	555	M		530	M
	505	M		440	M
	490	M		405	M
	480	M		490	M
	450	M		445	M
	505	M		455	M
	490	M		445	M
	470	M		540	M
	455	M		435	M
	440	M		480	M
	480	M		525	M
	435	M		500	M
	450	M		470	M
	450	M		475	M
	480	M		470	M
	465	M		385	M
	460	M		450	M
	440	M		435	F
	495	M		455	F
	535	M		450	F
	515	M		440	F
	485	M		450	F
	440	M		425	F
	495	M		450	F
	490	M		480	F
	470	M		465	F
	435	M		440	F
	495	M		385	F
	490	M		460	F
	420	M		445	F
	520	M		440	F
	480	M		460	F
	415	M		470	F

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence, 1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 16	470	F	Sept 16	490	M
	450	F		440	M
	450	F		530	M
	450	F		450	M
	430	F		540	M
	470	F		490	M
	450	F		530	M
	440	F		350	M
	440	F		440	M
	460	F		490	M
	470	F		440	M
	460	F		450	M
	450	F		460	M
	470	F		520	M
	560	M		450	M
	500	M		410	M
	470	M		430	M
	430	M		530	M
	460	M		500	M
	500	M		380	M
	480	M		490	M
	530	M		500	M
	460	M		420	M
	470	M		470	M
	470	M		470	M
	460	M		510	M
	580	M		440	M
	490	M		480	M
	440	M		530	M
	490	M		470	M
	480	M		550	M
	450	M		490	M
	430	M		500	M
	520	M		530	M
	480	M		450	M
	490	M		440	M
	460	M		460	M
	510	M		440	M
	460	M		460	M
	520	M		510	M
	530	M		470	M
	500	M		480	M
	470	M		400	M
	560	M		390	M
	460	M		510	M
	470	M		440	M
	460	M		450	M
	510	M		450	M
	470	M		440	M
	450	M		430	M

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence, 1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 17	505	M	Sept 17	525	M
	475	M		425	M
	350	M		465	M
	425	M		450	M
	540	M		470	M
	495	M		425	M
	500	M		480	M
	535	M		460	M
	450	M		455	M
	440	M		545	M
	450	M		430	M
	415	M		465	M
	470	M		435	M
	415	M		555	M
	495	M		495	M
	480	M		465	M
	470	M		520	M
	465	M		405	M
	455	M		430	M
	475	M		470	M
	460	F		480	M
	445	F		460	M
	455	F		455	M
	455	F		480	M
	435	F		560	M
	465	F		435	M
	445	F		420	M
	455	F		525	M
	440	F		430	M
	455	F		435	M
	450	F		490	M
	450	F		475	M
	445	F		440	M
	440	F		455	M
	440	F		425	M
	450	F		565	M
	450	F		455	M
	420	F		485	M
	445	F		480	M
	440	F		490	M
	435	F		465	M
	455	M		510	M
	505	M		490	M
	450	M		535	M
	485	M		500	M
	465	M		455	M
	450	M		460	M
	465	M		460	M
	575	M		440	M
	465	M		440	M

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence,1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 18	400	M	Sept 18	550	M
	460	M		510	M
	460	M		460	M
	470	M		440	M
	470	M		410	M
	450	M		550	M
	490	M		460	M
	450	M		540	M
	450	M		430	M
	550	M		470	M
	590	M		470	M
	500	M		450	M
	560	M		470	M
	500	M		510	M
	550	M		470	M
	490	M		440	M
	470	M		430	M
	490	M		500	M
	430	M		510	M
	460	M		470	M
	490	M		470	M
	470	M		520	M
	410	M		500	M
	440	M		460	M
	420	M		410	M
	460	M		510	M
	480	M		440	M
	460	M		480	M
	490	M		490	M
	490	M		460	M
	470	M		450	M
	470	M		440	F
	480	M		420	F
	500	M		460	F
	480	M		450	F
	460	M		420	F
	500	M		450	F
	450	M		430	F
	510	M		440	F
	420	M		470	F
	480	M		430	F
	490	M		470	F
	400	M		460	F
	470	M		460	F
	440	M		480	F
	470	M		450	F
	450	M		470	F
	490	M		440	F
	490	M		400	F
	500	M		470	F

Table 9 cont'd :Biological information from Pink samples  
collected at the Babine River Fence,1988

DATE	N.F.	SEX	DATE	N.F.	SEX
Sept 19	425	M	Sept 19	480	M
	470	M		450	M
	380	M		490	M
	490	M		400	M
	450	M		500	M
	440	M		400	M
	490	M		480	M
	470	M		400	M
	450	M		470	M
	470	M		470	M
	530	M		490	M
	470	M		490	M
	380	M		480	M
	490	M		500	M
	440	M		400	M
	490	M		470	M
	360	M		450	M
	540	M		440	M
	490	M		540	M
	480	M		560	M
	520	M		470	M
	460	M		490	M
	500	M		450	M
	530	M		500	M
	480	M		380	M
	450	M		450	M
	460	M		430	M
	540	M		480	M
	400	M		430	M
	470	M		450	M
	540	M		460	M
	470	M		500	M
	500	M		520	M
	430	M		440	M
	590	M		460	M
	540	M		480	M
	470	M		480	M
	480	M		500	M
	440	M		450	M
	510	M		420	M
	510	M		450	M
	460	M		450	M
	490	M		450	M
	400	M		430	M
	490	M		400	F
	450	M		420	F
	510	M		450	F
	490	M		450	F
	480	M		460	F
	470	M		430	F

Table 10 : Biological information from Chinook samples collected at the Babine River Fence, 1987.

DATE	H.P.	N.F.	SEX	RETENTION	AGE
Aug 19	700	850	F	20	5 <sub>2</sub>
Sept 6	830	1125	M	N/A	6 <sub>2</sub>
10	620	820	M	N/A	5 <sub>2</sub>
12	685	890	F	16	RG
12	760	1025	M	N/A	5
14	705	920	M	N/A	5 <sub>2</sub>
14	705	870	F	2500	6 <sub>2</sub>
15	500	645	M	N/A	4 <sub>2</sub>
15	735	970	M	N/A	5 <sub>2</sub>
15	595	790	M	N/A	5 <sub>2</sub>
15	715	930	M	N/A	5 <sub>2</sub>
15	575	755	M	N/A	RS
15	700	930	M	N/A	RS
20	695	905	M	N/A	RS
20	700	930	M	N/A	RG
20	900	1185	M	N/A	RG
20	770	1000	M	N/A	RG
20	600	760	M	N/A	RG
20	660	850	M	N/A	RG
20	650	840	M	N/A	RG
20	655	830	F	21	RG
20	750	930	F	2500	6 <sub>2</sub>
20	670	865	M	N/A	RG
20	710	900	M	N/A	5 <sub>2</sub>
26	670	880	M	N/A	5 <sub>2</sub>



Table 10 contd : Biological information from Chinook samples collected at the Babine River Fence, 1987.

DATE	H.P.	N.F.	SEX	RETENTION	AGE
Sept26	510	675	M	N/A	4 <sub>2</sub>
26	530	700	M	N/A	4 <sub>2</sub>
26	430	605	M	N/A	RG
26	695	705	F	750	5 <sub>2</sub>
26	770	1010	F	20	5 <sub>2</sub>
26	745	950	M	N/A	RG
26	740	935	F	2500	RG
27	710	930	M	N/A	5 <sub>2</sub>
27	730	920	F	100	RG
27	680	830	F	50	5 <sub>2</sub>
27	310	380	M	N/A	3 <sub>2</sub>
27	810	1100	F	3000	RG
27	710	890	F	500	RG
27	770	1030	M	N/A	RG
27	490	630	M	N/A	4 <sub>2</sub>
27	730	920	F	20	6 <sub>2</sub>
27	755	1020	M	N/A	5 <sub>2</sub>
27	680	910	M	N/A	5 <sub>2</sub>
27	760	950	F	10	RG
28	640	850	M	N/A	RG
28	540	720	M	N/A	RG
28	625	810	M	N/A	5 <sub>2</sub>
28	750	905	M	N/A	5 <sub>2</sub>
29	680	910	M	N/A	RG
29	750	970	F	2500	RG

Table 11 :Biological information from Chinook samples collected at the Babine River Fence, 1988.

DATE	H.P.	N.F.	SEX	RETENTION
Aug 6	440	555	M	N/A
16	735	880	F	30
23	800	970	F	40
24	510	640	M	N/A
29	435	540	M	N/A
29	685	835	F	15
Sept 1	720	860	M	N/A
3	510	645	M	N/A
5	605	765	M	N/A
5	700	855	F	SP. OUT
5	260	320	M	N/A
6	770	1075	M	N/A
11	760	1010	M	N/A
11	730	935	F	SP. OUT
14	760	910	F	25
15	575	740	M	N/A
15	665	850	F	SP. OUT
15	720	910	M	N/A
15	715	870	F	SP. OUT
15	530	665	M	N/A
16	760	950	F	SP. OUT
16	770	945	F	SP. OUT
16	805	985	F	SP. OUT
16	680	845	F	SP. OUT
17	555	705	M	N/A
17	340	430	M	N/A
17	470	570	M	N/A
17	755	935	F	SP. OUT
17	735	955	M	N/A
18	770	940	F	SP. OUT
18	700	850	F	SP. OUT
18	550	690	M	N/A
19	640	790	M	N/A
19	400	510	M	N/A
19	750	930	F	SP. OUT
20	680	860	F	SP. OUT
20	650	840	M	N/A
20	660	830	F	10
20	610	800	M	N/A
20	570	760	M	N/A
20	760	980	M	N/A
20	720	920	F	UNSP 70%
20	575	760	M	N/A
20	560	725	M	N/A
20	770	930	F	10
20	740	930	F	100

Table 11 cont'd :Biological information from Chinook samples collected at the Babine River Fence, 1988.

DATE	H.P.	N.F.	SEX	RETENTION
Sept20	860	1060	F	SP. OUT
21	770	950	F	SP. OUT
21	350	470	M	N/A
21	540	710	M	N/A
21	600	760	M	N/A
21	730	900	F	50
21	680	840	F	SP. OUT
21	720	890	F	80
21	610	770	M	N/A
21	730	910	M	N/A
22	740	920	F	SP. OUT
22	765	965	F	SP. OUT
23	560	720	M	N/A
23	780	1020	F	100
23	760	980	F	200
23	780	980	F	SP. OUT
23	740	930	F	SP. OUT
23	580	750	M	N/A
23	620	650	M	N/A
23	600	760	M	N/A
23	675	840	F	SP. OUT
23	580	740	M	N/A
23	855	1150	F	UN. SPWN
23	810	1040	M	N/A
24	580	730	M	N/A
24	520	650	M	N/A
24	710	860	F	SP. OUT
24	695	830	F	SP. OUT
24	520	645	M	N/A
24	605	775	M	N/A
24	700	895	M	N/A
24	605	740	M	N/A
24	645	835	M	N/A
24	590	760	M	N/A
24	640	805	M	N/A
24	550	680	M	N/A
24	580	750	M	N/A
25	780	1125	M	N/A
25	530	670	M	N/A
25	595	780	M	N/A
25	335	420	M	N/A
26	435	540	M	N/A
26	710	860	M	N/A
26	570	725	M	N/A
26	560	695	M	N/A
26	830	1006	F	SP. OUT

Table 11 cont'd :Biological information from Chinook samples  
collected at the Babine River Fence, 1988.

DATE	H.P.	N.F.	SEX	RETENTION
Sept26	770	995	F	SP. OUT
26	570	760	M	N/A
26	655	835	M	N/A
26	745	930	F	SP. OUT
27	520	640	M	N/A
27	610	790	M	N/A
27	690	840	F	SP. OUT
27	570	740	M	N/A
27	570	760	M	N/A
27	690	870	M	N/A
27	700	935	M	N/A
27	530	690	M	N/A
27	710	880	F	SP. OUT
27	555	690	M	N/A
27	625	790	M	N/A
27	625	780	M	N/A
27	550	715	M	N/A
27	810	1020	F	SP. OUT
28	780	970	F	SP. OUT
28	680	890	M	N/A
28	450	870	M	N/A
28	580	760	M	N/A
28	710	870	F	SP. OUT
28	690	890	M	N/A
28	770	940	F	SP. OUT
28	790	970	F	SP. OUT
29	710	930	M	N/A
29	890	900	M	N/A
29	530	680	M	N/A
29	600	760	M	N/A
29	590	780	M	N/A
29	590	780	M	N/A
29	575	695	M	N/A
29	560	710	M	N/A
29	410	520	M	N/A
29	860	1060	F	1000
29	740	910	F	100
29	800	1000	F	SP. OUT
30	790	980	F	SP. OUT
30	890	1120	M	N/A
30	580	730	M	N/A
30	550	630	M	N/A
30	850	1090	F	SP. OUT
30	590	780	M	N/A
30	600	770	M	N/A
30	570	750	M	N/A

Table 11 cont'd :Biological information from Chinook samples  
collected at the Babine River Fence, 1988.

DATE	H.P.	N.F.	SEX	RETENTION
Sept 30	590	770	M	N/A
30	630	780	M	N/A
30	570	740	M	N/A
30	780	950	F	SP. OUT
Oct 1	640	830	M	N/A
1	590	780	M	N/A
1	620	800	M	N/A
1	530	670	M	N/A
1	570	730	M	N/A
1	720	900	F	SP. OUT
1	810	1010	M	N/A
1	620	820	M	N/A
1	790	1020	M	N/A
2	590	760	M	N/A
2	590	790	M	N/A
2	760	950	M	N/A
2	620	800	M	N/A
2	520	670	M	N/A
2	490	645	M	N/A
2	460	600	M	N/A
2	670	820	F	SP. OUT
2	480	620	M	N/A
3	460	600	M	N/A
3	570	730	M	N/A
3	620	790	M	N/A
3	615	790	M	N/A

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