

# **Data Record of Adult Sockeye and Coho Salmon Counts and Biological Data Collected at the Docee River Fence, 1997-2000**

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DATA RECORD OF ADULT SOCKEYE AND COHO SALMON COUNTS AND  
BIOLOGICAL DATA COLLECTED AT THE DOCEE RIVER FENCE, 1997-2000

by

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## ABSTRACT

Chambers, K., D. T. Rutherford, and S.K. Bachen. 2001. Data record of adult sockeye and coho salmon counts and biological data collected at the Docee River Fence, 1997-2000. Can. Data Rep. Fish. Aquat. Sci. 1074: 57 p.

This report is a description of the Docee River Fence sockeye and coho enumeration program conducted by Fisheries and Oceans Canada for the years 1997-2000. The Docee River Fence data includes daily and cumulative sockeye and coho salmon counts, as well as length, weight, sex, and age data for both species sampled at this site. Sockeye salmon were also inspected for the prevalence of the parasite *Philoneama sp.* during the 1998 and 1999 seasons. Water levels and weather conditions recorded for the Docee River and surrounding area are also reported. The Area 10 commercial gillnet fishery has been closed since 1997. As a result, the only catch information reported and included in this report is First Nation catch for which there is only one record in 1998.



## RÉSUMÉ

Chambers, K., D. T. Rutherford, and S.K. Bachen. 2001. Data record of adult sockeye and coho salmon counts and biological data collected at the Docee River Fence, 1997-2000. Can. Data Rep. Fish. Aquat. Sci. 1074: 57 p.

Le présent rapport décrit le programme de dénombrement des saumons rouges et des cohos mené à la barrière de la rivière Docee par le ministère des Pêches et des Océans pendant les années 1997-2000. Les données recueillies sont les suivantes : effectif quotidien et cumulatif des saumons rouges et des cohos; longueur, poids, sexe et âge pour les deux espèces échantillonnées à la barrière. Au cours des saisons 1998 et 1999, on a également examiné les saumons rouges pour déterminer la prévalence du parasite *Philoneama* sp. Le rapport signale aussi les niveaux d'eau et les conditions météorologiques enregistrés à la rivière Docee et dans la région environnante. La pêche commerciale au filet maillant est fermée depuis 1997 dans le secteur 10; en conséquence, les seuls renseignements sur les captures concernent la pêche des Premières Nations, pour laquelle on dispose seulement d'une déclaration en 1998.



## INTRODUCTION

The Docee River is located on the central coast of British Columbia in Fisheries and Oceans statistical Area 10 (Fig. 1). The Docee River is less than 1 km in length and drains Long Lake into Wyclees Lagoon, which drains into Smith Inlet. The Docee River Fence is located at the outlet to Long Lake.

Prior to 1963, sockeye escapements to Long Lake were estimated from visual surveys of Smokehouse and Canoe creeks. In 1963 a count of sockeye entering Long Lake was conducted from a tower on the Docee River as an experimental program to provide timely escapement estimates for in-season management of the Area 10 commercial salmon fishery (Wood 1970). After a lapse of four years the tower count was again operational for 1968, 1970 and 1971. A permanent counting facility was constructed and operational for the 1972 return year.

The Docee River counting fence has been in operation since 1972 and has provided reliable estimates of sockeye salmon escapement to Long Lake (Bachen et al. 1988a; 1988b; Thomson and Goruk 1988; Winther et al. 1989; 1990; 1991; 1992a; 1992b). In addition to providing post season sockeye escapement estimates, the Docee Fence is an important tool for in-season assessment of both statistical Area 9 and 10 sockeye salmon. Fisheries managers also use in-season sockeye salmon counts past the fence in combination with the commercial catch data for in-season management of these fisheries (Anonymous 1996). Due to the poor return of sockeye salmon to Long Lake the Area 10 commercial gillnet salmon fishery has been closed since 1997.

In this report we present the detailed data records for the Docee River Fence enumeration program for the period 1997 to 2000. Commencing in 1998 coho escapement and biological data have also been collected at the Docee Fence and recorded along with the annual sockeye information. We first present the daily and cumulative sockeye and coho salmon counts through the Docee Fence. We then present the biological data collected from sockeye and coho salmon sampled, as well as the age composition for each species by year and the reported food fishery catch for this period. Also included are the Docee River water levels and weather conditions for each season.

## METHODS

The Docee Fence is constructed of steel "I" beam which holds aluminium fence panels in place. The fence structure is approximately 32m long and 7.5m high (Fig. 2). For sockeye enumeration a fence panel is raised and fish are visually counted as they pass through the fence opening. A section of white expanded metal is attached to the bottom of the panel frame to provide a contrasting surface for visual counting. The



observation area for counting is located approximately 7m above the Docee River (Fig. 2).

From 1972 to 1997 the Docee Fence was normally operational from the end of June through to the second week of August. Commencing in 1998 operation of the fence was extended to the end of September to allow for the enumeration of coho salmon. Fish are counted at the fence during daylight hours only. During darkness the fence is closed keeping migrating salmon below the structure. The total number of hours spent counting per day is dependent on the magnitude of the run. Species composition is determined from dip net catches made on the downstream side of the fence. These dip net catches are used to apportion the total daily count past the fence. Sockeye and coho counts (Tables 1 and 2) are recorded daily and reported to the fishery manager. The final estimated escapement is usually higher than the cumulative fence count because the estimated escapement includes a subjective correction for bypass.

In the past, the counts at the Docee Fence have been reconstructed to provide estimates of run timing at the fence had a commercial fishery not occurred. Due to the commercial fishery closure for both sockeye and coho during the 1997-2000 period in Area 10, this adjustment is not needed. For a description of how this reconstruction is calculated, refer to the methods outlined in Bachen et al. (1997). The Food Fishery has remained open however, and the reported catch values for Area 10 for the 1997-2000 period are presented in Table 6.

Run timing curves are calculated using the daily fence count as a proportion of the total recorded run value, over time (Figure 3).

Biological samples from sockeye and coho salmon are also collected at the Docee Fence. No trap facilities are built into the fence structure, therefore, biological samples are taken from carcasses and dipnetting live salmon from behind the fence. Dipnetted salmon are sampled for length and scales then live released on the downstream side of the fence. In addition, otoliths are taken from moribund sockeye salmon that drift back onto the fence panels.

The biological data collected during the 1997 to 2000 period from sockeye are reported in Table 4, and data collected from coho are presented in Table 5. Age composition summaries for both species are reported in Table 6. Age values are presented in the European system in which the first digit represents the number of fresh water annuli while the second digit indicates the number of annuli formed in the marine environment (Groot and Margolis 1991).

Weather conditions and water levels are recorded twice daily at the Docee Fence (Tables 7a-7c). The staff gauge used to monitor the water level is located 1 m downstream of the Docee Fence. Units of measure are feet and tenths of feet. A staff

gauge reading of zero is approximately equal to a water depth of 1 m at the fish counting panel.

### ACKNOWLEDGMENTS

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Table 1a. Daily and cumulative sockeye and coho salmon counts past the Docee Fence, in 1997.

Date	Sockeye		Coho	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count
Jul-01	Fence in			
Jul-02	2	2	0	0
Jul-03	137	139	0	0
Jul-04	193	332	0	0
Jul-05	3,006	3,338	0	0
Jul-06	2,547	5,885	0	0
Jul-07	816	6,701	0	0
Jul-08	1,031	7,732	0	0
Jul-09	565	8,297	0	0
Jul-10	1,211	9,508	0	0
Jul-11	942	10,450	0	0
Jul-12	1,132	11,582	0	0
Jul-13	1,305	12,887	0	0
Jul-14	2,577	15,464	0	0
Jul-15	2,164	17,628	0	0
Jul-16	1,307	18,935	0	0
Jul-17	2,050	20,985	0	0
Jul-18	2,465	23,450	0	0
Jul-19	1,969	25,419	0	0
Jul-20	1,116	26,535	0	0
Jul-21	675	27,210	0	0
Jul-22	858	28,068	0	0
Jul-23	872	28,940	0	0
Jul-24	86	29,026	0	0
Jul-25	221	29,247	0	0
Jul-26	357	29,604	0	0
Jul-27	112	29,716	0	0
Jul-28	211	29,927	0	0
Jul-29	263	30,190	0	0
Jul-30	109	30,299	0	0
Jul-31	68	30,367	0	0
Aug-01	188	30,555	0	0
Aug-02	217	30,772	0	0
Aug-03	142	30,914	0	0
Aug-04	52	30,966	0	0
Aug-05	31	30,997	0	0
Total Count		30,997		
Estimated Esc.		32,000		



Table 1b. Daily and cumulative sockeye and coho salmon counts past the Docee Fence in 1998.

Date	Sockeye		Coho		Catch	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count	Sockeye	Coho
Jun-25	Fence in					
Jun-26	0	0	0	0	0	0
Jun-27	0	0	0	0	0	0
Jun-28	4	4	0	0	0	0
Jun-29	41	45	0	0	0	0
Jun-30	58	103	0	0	0	0
Jul-01	104	207	0	0	0	0
Jul-02	173	380	0	0	0	0
Jul-03	599	979	0	0	0	0
Jul-04	1,039	2,018	0	0	0	0
Jul-05	1,110	3,128	0	0	0	0
Jul-06	1,066	4,194	0	0	0	0
Jul-07	868	5,062	0	0	0	0
Jul-08	3,152	8,214	0	0	0	0
Jul-09	3,226	11,440	0	0	0	0
Jul-10	4,330	15,770	0	0	0	0
Jul-11	2,010	17,780	0	0	170 <sup>a</sup>	0
Jul-12	2,613	20,393	0	0	0	0
Jul-13	6,081	26,474	0	0	0	0
Jul-14	2,262	28,736	0	0	0	0
Jul-15	4,707	33,443	0	0	0	0
Jul-16	3,530	36,973	0	0	0	0
Jul-17	4,018	40,991	0	0	0	0
Jul-18	2,503	43,494	0	0	0	0
Jul-19	2,148	45,642	0	0	0	0
Jul-20	4,095	49,737	0	0	0	0
Jul-21	3,541	53,278	0	0	0	0
Jul-22	2,907	56,185	0	0	0	0
Jul-23	2,893	59,078	0	0	0	0
Jul-24	2,264	61,342	0	0	0	0
Jul-25	2,957	64,299	0	0	0	0
Jul-26	2,141	66,440	0	0	0	0
Jul-27	1,719	68,159	0	0	0	0
Jul-28	1,358	69,517	0	0	0	0
Jul-29	1,253	70,770	0	0	0	0
Jul-30	1,132	71,902	0	0	0	0
Jul-31	373	72,275	0	0	0	0
Aug-01	466	72,741	0	0	0	0
Aug-02	725	73,466	0	0	0	0
Aug-03	351	73,817	0	0	0	0
Aug-04	313	74,130	0	0	0	0
Aug-05	225	74,355	0	0	0	0
Aug-06	264	74,619	0	0	0	0
Aug-07	481	75,100	0	0	0	0
Aug-08	416	75,516	0	0	0	0
Aug-09	251	75,767	0	0	0	0
Aug-10	91	75,858	557	557	0	0
Aug-11	16	75,874	77	634	0	0
Aug-12	67	75,941	328	962	0	0

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Table 1b. 1998 (cont'd)

Date	Sockeye		Coho		Catch	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count	Sockeye	Coho
Aug-13	33	75,974	103	1,065	0	0
Aug-14	5	75,979	126	1,191	0	0
Aug-15	6	75,985	44	1,235	0	0
Aug-16	0	75,985	157	1,392	0	0
Aug-17	0	75,985	167	1,559	0	0
Aug-18	0	75,985	266	1,825	0	0
Aug-19	0	75,985	136	1,961	0	0
Aug-20	1	75,986	199	2,160	0	0
Aug-21	0	75,986	42	2,202	0	0
Aug-22	2	75,988	46	2,248	0	0
Aug-23	0	75,988	47	2,295	0	0
Aug-24	0	75,988	73	2,368	0	0
Aug-25	0	75,988	187	2,555	0	0
Aug-26	0	75,988	196	2,751	0	0
Aug-27	0	75,988	139	2,890	0	0
Aug-28	0	75,988	187	3,077	0	0
Aug-29	0	75,988	276	3,353	0	0
Aug-30	0	75,988	440	3,793	0	0
Aug-31	0	75,988	76	3,869	0	0
Sep-01	0	75,988	49	3,918	0	0
Sep-02	0	75,988	124	4,042	0	0
Sep-03	0	75,988	113	4,155	0	0
Sep-04	0	75,988	135	4,290	0	0
Sep-05	0	75,988	140	4,430	0	0
Sep-06	0	75,988	102	4,532	0	0
Sep-07	0	75,988	406	4,938	0	0
Sep-08	0	75,988	321	5,259	0	0
Sep-09	0	75,988	304	5,563	0	0
Sep-10	0	75,988	156	5,719	0	0
Sep-11	0	75,988	197	5,916	0	0
Sep-12	0	75,988	60	5,976	0	0
Sep-13	0	75,988	95	6,071	0	0
Sep-14	0	75,988	41	6,112	0	0
Sep-15	0	75,988	31	6,143	0	0
Sep-16	0	75,988	13	6,156	0	0
Sep-17	0	75,988	15	6,171	0	0
Sep-18	0	75,988	32	6,203	0	0
Sep-19	0	75,988	10	6,213	0	0
Sep-20	0	75,988	9	6,222	0	0
Sep-21	0	75,988	4	6,226	0	0
Sep-22	0	75,988	8	6,234	0	0
Sep-23	0	75,988	16	6,250	0	0
Sep-24	0	75,988	0	6,250	0	0
Sep-25	0	75,988	0	6,250	0	0
Sep-26	0	75,988	2	6,252	0	0
Sep-27	0	75,988	0	6,252	0	0
Sep-28	0	75,988	0	6,252	0	0
Total Count		75,988		6,252	170	0
Estimated Esc.		76,000		6,500 <sup>b</sup>		

<sup>a</sup> First Nation gillnet catch taken from Area 10-8 (Fig.1).

<sup>b</sup> Visual estimate of 200 coho below fence on Sept. 28th added to total count.



Table 1c. Daily and cumulative sockeye and coho salmon counts past the Docee Fence in 1999.

Date	Sockeye		Coho	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count
Jun-29	Fence in	0	0	0
Jun-30	0	0	0	0
Jul-01	2	2	0	0
Jul-02	0	2	0	0
Jul-03	0	2	0	0
Jul-04	1	3	0	0
Jul-05	1	4	0	0
Jul-06	3	7	0	0
Jul-07	1	8	0	0
Jul-08	5	13	0	0
Jul-09	21	34	0	0
Jul-10	2	36	0	0
Jul-11	4	40	0	0
Jul-12	5	45	0	0
Jul-13	7	52	0	0
Jul-14	10	62	0	0
Jul-15	13	75	0	0
Jul-16	7	82	0	0
Jul-17	20	102	4	4
Jul-18	3	105	4	8
Jul-19	0	105	3	11
Jul-20	224	329	137	148
Jul-21	14	343	5	153
Jul-22	11	354	11	164
Jul-23	1,314	1,668	329	493
Jul-24	1,695	3,363	253	746
Jul-25	1,011	4,374	192	938
Jul-26	377	4,751	161	1,099
Jul-27	409	5,160	297	1,396
Jul-28	172	5,332	421	1,817
Jul-29	67	5,399	303	2,120
Jul-30	124	5,523	336	2,456
Jul-31	90	5,613	192	2,648
Aug-01	48	5,661	72	2,720
Aug-02	26	5,687	159	2,879
Aug-03	17	5,704	75	2,954
Aug-04	36	5,740	59	3,013
Aug-05	18	5,758	53	3,066
Aug-06	66	5,824	147	3,213
Aug-07	22	5,846	79	3,292
Aug-08	11	5,857	56	3,348
Aug-09	1	5,858	15	3,363
Aug-10	5	5,863	61	3,424
Aug-11	4	5,867	27	3,451
Aug-12	4	5,871	39	3,490
Aug-13	2	5,873	36	3,526

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Table 1c. 1999 (cont'd)

Date	Sockeye		Coho	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count
Aug-14	1	5,874	19	3,545
Aug-15	0	5,874	43	3,588
Aug-16	1	5,875	30	3,618
Aug-17	0	5,875	190	3,808
Aug-18	0	5,875	118	3,926
Aug-19	0	5,875	126	4,052
Aug-20	0	5,875	38	4,090
Aug-21	0	5,875	30	4,120
Aug-22	0	5,875	51	4,171
Aug-23	0	5,875	7	4,178
Aug-24	0	5,875	11	4,189
Aug-25	no count <sup>a</sup>	5,875	no count <sup>a</sup>	4,189
Aug-26	no count <sup>a</sup>	5,875	no count <sup>a</sup>	4,189
Aug-27	no count <sup>a</sup>	5,875	no count <sup>a</sup>	4,189
Aug-28	no count <sup>a</sup>	5,875	no count <sup>a</sup>	4,189
Aug-29	0	5,875	7	4,196
Aug-30	0	5,875	17	4,213
Aug-31	0	5,875	21	4,234
Sep-01	0	5,875	19	4,253
Sep-02	0	5,875	24	4,277
Sep-03	0	5,875	16	4,293
Sep-04	0	5,875	26	4,319
Sep-05	0	5,875	15	4,334
Sep-06	0	5,875	26	4,360
Sep-07	0	5,875	6	4,366
Sep-08	0	5,875	8	4,374
Sep-09	0	5,875	2	4,376
Sep-10	0	5,875	11	4,387
Sep-11	0	5,875	3	4,390
Sep-12	0	5,875	6	4,396
Sep-13	0	5,875	9	4,405
Sep-14	0	5,875	3	4,408
Sep-15	0	5,875	5	4,413
Sep-16	0	5,875	9	4,422
Sep-17	0	5,875	12	4,434
Sep-18	0	5,875	10	4,444
Sep-19	0	5,875	3	4,447
Sep-20	0	5,875	13	4,460
Sep-21	0	5,875	6	4,466
Sep-22	0	5,875	1	4,467
Sep-23	0	5,875	4	4,471
Sep-24	0	5,875	6	4,477
Sep-25	0	5,875	4	4,481
Sep-26	0	5,875	0	4,481
Sep-27	0	5,875	1	4,482
Sep-28	0	5,875	0	4,482
Sep-29	0	5,875	0	4,482
Sep-30	0	5,875	0	4,482
Total Count		5,875		4,482
Estimated Esc.		5,900		4,600

<sup>a</sup> No count due to high water, water over panels, fish passage estimated to be 90 fish (coho)



Table 1d. Daily and cumulative sockeye and coho salmon counts past the Docee Fence in 2000.

Date	Sockeye		Coho	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count
Jun-28	Fence in			
Jun-29	0	0	0	0
Jun-30	7	7	0	0
Jul-01	0	7	0	0
Jul-02	4	11	0	0
Jul-03	10	21	0	0
Jul-04	15	36	0	0
Jul-05	15	51	8	8
Jul-06	7	58	6	14
Jul-07	19	77	0	14
Jul-08	59	136	34	48
Jul-09	34	170	11	59
Jul-10	9	179	28	87
Jul-11	10	189	46	133
Jul-12	63	252	80	213
Jul-13	55	307	27	240
Jul-14	189	496	47	287
Jul-15	309	805	224	511
Jul-16	52	857	45	556
Jul-17	92	949	103	659
Jul-18	127	1,076	71	730
Jul-19	71	1,147	60	790
Jul-20	14	1,161	110	900
Jul-21	5	1,166	76	976
Jul-22	80	1,246	121	1,097
Jul-23	73	1,319	94	1,191
Jul-24	15	1,334	237	1,428
Jul-25	9	1,343	79	1,507
Jul-26	11	1,354	99	1,606
Jul-27	20	1,374	165	1,771
Jul-28	17	1,391	136	1,907
Jul-29	0	1,391	78	1,985
Jul-30	0	1,391	120	2,105
Jul-31	2	1,393	17	2,122
Aug-01	0	1,393	92	2,214
Aug-02	8	1,401	152	2,366
Aug-03	0	1,401	224	2,590
Aug-04	0	1,401	383	2,973
Aug-05	0	1,401	54	3,027
Aug-06	0	1,401	64	3,091
Aug-07	0	1,401	50	3,141
Aug-08	0	1,401	277	3,418
Aug-09	0	1,401	336	3,754
Aug-10	0	1,401	381	4,135
Aug-11	0	1,401	127	4,262
Aug-12	0	1,401	306	4,568

continued on next page

Table 1d. 2000 (cont'd)

Date	Sockeye		Coho	
	Daily Count	Cumulative Count	Daily Count	Cumulative Count
Aug-13	29	1,430	334	4,902
Aug-14	0	1,430	116	5,018
Aug-15	0	1,430	192	5,210
Aug-16	0	1,430	290	5,500
Aug-17	0	1,430	67	5,567
Aug-18	0	1,430	484	6,051
Aug-19	0	1,430	56	6,107
Aug-20	0	1,430	220	6,327
Aug-21	0	1,430	553	6,880
Aug-22	0	1,430	383	7,263
Aug-23	0	1,430	385	7,648
Aug-24	0	1,430	375	8,023
Aug-25	0	1,430	51	8,074
Aug-26	0	1,430	73	8,147
Aug-27	0	1,430	72	8,219
Aug-28	0	1,430	50	8,269
Aug-29	0	1,430	132	8,401
Aug-30	0	1,430	116	8,517
Aug-31	0	1,430	139	8,656
Sep-01	0	1,430	46	8,702
Sep-02	0	1,430	450	9,152
Sep-03	0	1,430	43	9,195
Sep-04	0	1,430	41	9,236
Sep-05	0	1,430	45	9,281
Sep-06	0	1,430	23	9,304
Sep-07	0	1,430	18	9,322
Sep-08	0	1,430	24	9,346
Sep-09	0	1,430	62	9,408
Sep-10	0	1,430	31	9,439
Sep-11	0	1,430	43	9,482
Sep-12	0	1,430	53	9,535
Sep-13	0	1,430	13	9,548
Sep-14	0	1,430	9	9,557
Sep-15	0	1,430	28	9,585
Sep-16	0	1,430	20	9,605
Sep-17	0	1,430	49	9,654
Sep-18	0	1,430	31	9,685
Sep-19	0	1,430	2	9,687
Sep-20	0	1,430	3	9,690
Sep-21	0	1,430	1	9,691
Sep-22	0	1,430	4	9,695
Sep-23	0	1,430	0	9,695
Sep-24	0	1,430	2	9,697
Sep-25	0	1,430	0	9,697
Sep-26	0	1,430	0	9,697
Sep-27	0	1,430	0	9,697
Total Count		1,430		9,697
Estimated Esc.		1,430		9,700

Table 2a. Summary of daily sockeye salmon counts past the Docee Fence, 1972-2000.

Day	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
26-Jun															0
27-Jun														1	1
28-Jun														9	25
29-Jun														0	553
30-Jun													1	19	526
01-Jul													6	478	213
02-Jul													21	657	84
03-Jul													12	716	34
04-Jul													9	3,651	31
05-Jul													23	5,116	176
06-Jul													15	9,656	10,543
07-Jul													35	19,651	3,227
08-Jul													18,195	15,014	402
09-Jul													2,762	7,481	60
10-Jul													9,639	14,715	90
11-Jul													6,011	16,720	70
12-Jul													1,458	11,034	18,794
13-Jul													309	14,901	18,275
14-Jul													296	24,109	5,290
15-Jul													21,588	17,656	1,701
16-Jul													15,303	10,662	1,311
17-Jul													5,758	4,083	1,912
18-Jul													732	2,636	6,535
19-Jul													6,362	11,602	17,950
20-Jul													57	12,943	14,675
21-Jul													244	2,368	3,347
22-Jul													737	3,642	9,491
23-Jul													651	6,708	9,254
24-Jul													1,825	5,174	11,367
25-Jul													59	3,276	6,242
26-Jul													3,052	3,375	8,908
27-Jul													637	1,964	5,411
28-Jul													729	2,837	6,176
29-Jul													8,432	3,673	4,258
30-Jul													2,892	1,645	4,991
31-Jul													988	1,396	5,961
01-Aug													536	2,146	5,177
02-Aug													328	1,130	3,504
03-Aug													613	587	1,576
04-Aug													920	571	627
05-Aug													394	1,560	160
06-Aug													317	387	
07-Aug													58		
08-Aug													58		
09-Aug													58		
10-Aug													58		
11-Aug													58		
12-Aug													58		
13-Aug													58		
14-Aug													58		
15-Aug													58		
16-Aug													58		
Total Count	76,248	170,002	91,043	62,967	59,593	128,601	84,015	20,257	128,435	214,345	213,674	197,151	89,012	247,437	197,851
Estimated Esc.											214,500	199,653	89,154	250,000	199,000

<sup>a</sup> estimated cumulative count to date

Table 2a. Summary of daily sockeye salmon counts past the Docee Fence, 1972-2000 (cont'd).

Day	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
26-Jun	3				0	0				0		0		
27-Jun	2				0	1				9		0		0
28-Jun	10				0	2				2		4		0
29-Jun	6				0	6				3		41		0
30-Jun	3	93			28	2				28		58		7
01-Jul	22	775			21	0	1	2	1	49		104		0
02-Jul	7	20			3	13	0	25	275	74	2	173		4
03-Jul	29	422			11	38	0	17	225	37	2	599		0
04-Jul	8	33	4	5	202	1,142	20	357	16	99	137	1,039		10
05-Jul	177	5,777	32	36	2,216	896	533	514	10	754	193	1,110		15
06-Jul	1,374	4,420	189	486	2,482	306	163	107	11	482	3,006	1,066		7
07-Jul	5,022	6,379	1,491	1,106	2,928	58	19	55	29	354	2,547	868		19
08-Jul	906	545	1,665	636	1,757	639	2,473	395	594	1,767	1,031	3,152		59
09-Jul	321	152	5,422	683	1,708	3,041	2,168	2,839	1,107	1,682	565	3,226		34
10-Jul	71	180	5,464	239	414	25,516	1,640	4,755	758	354	1,211	4,330		9
11-Jul	48	12,950	3,373	96	5,236	20,679	5,714	6,793	1,652	669	942	2,010		10
12-Jul	55	43,742	1,331	92	4,958	22,342	4,309	2,549	246	682	1,132	2,613		63
13-Jul	7,568	13,508	3,558	1,351	21,614	11,520	999	1,510	3,226	3,863	1,305	6,081		55
14-Jul	17,524	4,698	245	921	12,438	9,963	766	755	4,596	1,570	2,577	2,262		189
15-Jul	9,763	8,629	5,217	295	13,791	12,747	6,692	2,933	3,989	4,860	2,164	4,707		13
16-Jul	4,340	10,264	5,150	1,885	15,378	12,048	8,033	6,063	3,133	6,042	1,307	3,530		309
17-Jul	1,814	8,691	13,882	7,825	5,560	7,460	5,357	2,409	2,038	4,394	2,050	4,018		52
18-Jul	150	6,157	14,732	9,250	8,019	7,099	10,697	859	1,874	4,922	2,465	2,503		92
19-Jul	65	14,329	4,862	5,237	7,707	5,070	20,697	874	1,632	1,874	1,969	2,148		127
20-Jul	34	11,696	6,525	2,156	8,694	8,575	16,225	2,282	493	2,857	1,116	2,148		71
21-Jul	16	9,645	7,936	1,852	1,864	4,921	13,710	4,937	2,506	3,394	675	3,541		14
22-Jul	54	4,890	1,729	1,591	5,128	1,458	9,649	4,251	5,414	777	858	2,907		80
23-Jul	47	4,665	746	2,960	20,131	3,747	5,782	5,822	5,025	346	872	2,893		73
24-Jul	18	4,933	2,000	603	9,075	7,765	416	6,568	2,759	247	86	2,264		15
25-Jul	29,574	6,873	9,880	950	8,783	6,713	19,722	4,745	1,100	121	221	2,957		9
26-Jul	26,232	1,245	3,965	13,358	14,647	9,358	14,118	5,004	713	4,100	357	2,141		11
27-Jul	47,933	1,962	2,698	9,141	13,215	13,584	3,858	3,237	607	280	112	1,719		20
28-Jul	29,206	3,809	8,153	10,311	30,149	5,705	1,767	4,177	186	1,336	211	1,358		17
29-Jul	8,064	1,702	6,652	8,128	20,990	305	9,628	3,576	2,206	1,074	263	1,253		0
30-Jul	829	863	6,651	6,220	1,426	1,611	12,609	1,810	4,495	722	109	1,132		0
31-Jul	585	487	13,645	6,214	3,947	862	4,571	1,163	1,180	721	68	373		2
01-Aug	702	1,203	12,512	5,881	5,402	2,476	1,842	1,165	712	448	188	466		0
02-Aug	393	742	4,921	5,335	3,982	1,492	9,744	2,255	699	337	217	725		8
03-Aug	347	860	6,545	5,056	2,010	3,172	12,179	1,861	197	375	142	351		0
04-Aug	149	690	1,617	5,347	925	1,064	2,739	497	263	431	52	313		0
05-Aug	98	213	759	4,582	397	627	2,110	1,204	251	228	31	225		0
06-Aug	101	360	253	5,363	1,642	518	2,131	3,143	158	444		264		0
07-Aug	51	238		9,459	438	783	1,433	1,457	427	135		481		0
08-Aug	60	511		4,304		647	1,615	905	377	265		416		0
09-Aug		854		2,264		1,135	1,046	425	237	64		251		0
10-Aug		1,126		454			672		266			91		0
11-Aug		312		655					242			16		0
12-Aug		320		268					319			16		0
13-Aug												33		0
14-Aug												5		0
15-Aug												6		0
16-Aug												U		0
Total Count	193,781	201,963	163,804	146,016	259,316	217,106	217,422	94,295	56,244	53,272	30,997	75,988	5,875	1,430
Estimated Esc.	200,000	207,000	166,810	149,000	260,000	220,000	220,000	100,000	57,000	54,000	32,000	76,000	5,900	1,430

\*Aug 20-22, 1998- 3 additional sockeye passed through fence.



Table 2b. Summary of cumulative sockeye salmon counts past the Docee Fence, 1972-2000.

Day	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
26-Jun															0
27-Jun														1	1
28-Jun														10	26
29-Jun														29	579
30-Jun														507	1,105
01-Jul														507	1,105
02-Jul														28	1,318
03-Jul														40	1,402
04-Jul														2,307	1,436
05-Jul														5,958	1,467
06-Jul														11,074	1,643
07-Jul														20,730	12,186
08-Jul														40,581	15,413
09-Jul														51,163	15,815
10-Jul														58,644	15,875
11-Jul														73,359	15,965
12-Jul														90,079	16,035
13-Jul														101,113	34,829
14-Jul														116,014	53,104
15-Jul														140,123	58,394
16-Jul														157,779	60,095
17-Jul														167,841	61,406
18-Jul														177,592	65,519
19-Jul														189,194	72,054
20-Jul														202,137	90,004
21-Jul														204,505	104,679
22-Jul														208,026	117,517
23-Jul														220,029	126,771
24-Jul														223,305	138,138
25-Jul														226,860	144,380
26-Jul														228,200	151,102
27-Jul														229,541	160,010
28-Jul														231,505	165,421
29-Jul														234,342	171,597
30-Jul														236,015	175,855
31-Jul														239,660	180,846
01-Aug														241,056	186,807
02-Aug														243,202	191,984
03-Aug														244,332	195,488
04-Aug														244,912	197,064
05-Aug														245,480	197,691
06-Aug														247,050	197,651
07-Aug														247,437	
08-Aug															
09-Aug															
10-Aug															
11-Aug															
12-Aug															
13-Aug															
14-Aug															
15-Aug															
16-Aug															
Total Count	76,248	170,002	91,043	62,967	60,904	128,601	84,015	20,257	128,435	214,345	213,674	197,151	89,012	247,437	197,851
Estimated Esc.											214,500	199,653	89,154	250,000	199,000

Table 2b. Summary of cumulative sockeye salmon counts past the Docece Fence, 1972-2000 (cont'd).

Day	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
26-Jun	3				0	0				0	0	0	0	0
27-Jun	5				0	1				9	0	0	0	0
28-Jun	15				0	3				11	0	4	0	0
29-Jun	21				0	9				14	0	45	0	0
30-Jun	24				28	11				42	0	103	0	7
01-Jul	46	93			49	11	1			91	0	207	2	7
02-Jul	53	888			52	24	3			165	2	380	2	11
03-Jul	82	1,310			63	62	3			202	139	979	2	21
04-Jul	90	1,343	4		265	1,204	23			301	332	2,018	3	36
05-Jul	267	7,120	36		2,481	2,100	556			517	332	3,338	3	36
06-Jul	1,641	11,540	225		4,963	2,406	719			1,055	332	3,128	4	51
07-Jul	6,663	17,919	1,716		7,753	2,464	738			1,537	5,685	4,194	7	58
08-Jul	7,569	18,464	3,381		2,389	3,103	3,211			567	6,701	5,062	8	77
09-Jul	7,890	18,616	8,803		3,072	6,144	5,379			3,658	7,732	8,214	13	136
10-Jul	7,961	18,796	14,267		3,311	31,660	7,019			2,268	8,297	11,440	34	170
11-Jul	8,009	31,746	17,640		3,407	52,339	12,733			5,694	9,508	15,770	36	179
12-Jul	8,064	75,488	18,971		3,499	21,964	17,042			6,363	10,450	17,780	40	189
13-Jul	15,632	88,996	22,529		4,850	43,578	86,201			7,045	11,582	24,825	45	252
14-Jul	33,196	93,694	22,774		5,771	56,016	18,807			10,908	12,867	26,474	52	307
15-Jul	42,919	102,323	27,991		6,066	69,807	108,911			12,746	15,464	28,736	62	496
16-Jul	47,259	112,587	33,141		11,252	85,185	120,959			17,338	17,628	33,443	75	805
17-Jul	49,073	121,278	47,023		19,077	90,745	128,419			16,735	18,935	36,973	82	857
18-Jul	49,223	127,435	61,755		28,327	98,764	135,518			27,774	20,985	40,991	102	949
19-Jul	49,288	141,764	66,617		33,564	106,471	140,588			32,696	23,450	45,494	105	1,076
20-Jul	49,322	153,460	73,142		35,720	115,165	149,163			34,570	25,419	45,642	105	1,147
21-Jul	49,338	163,105	81,078		37,572	117,029	154,084			37,427	26,535	49,737	105	1,161
22-Jul	49,392	167,995	82,807		39,163	122,157	155,542			40,821	27,210	53,278	105	1,166
23-Jul	49,439	172,660	83,553		42,123	142,288	159,289			45,281	28,068	56,185	105	1,246
24-Jul	49,457	177,593	85,555		42,726	151,363	167,054			41,944	28,940	59,078	105	1,319
25-Jul	79,031	184,466	95,433		43,676	160,146	173,767			41,609	29,026	61,942	105	1,334
26-Jul	105,263	185,711	99,398		57,034	174,793	183,125			42,709	29,247	64,299	105	1,343
27-Jul	153,196	187,673	102,096		66,175	188,008	196,709			46,412	29,604	66,440	105	1,354
28-Jul	182,402	191,482	110,249		76,486	218,157	202,414			44,029	29,716	68,159	105	1,374
29-Jul	190,466	193,184	116,901		84,614	239,147	202,719			48,028	29,927	69,517	105	1,391
30-Jul	191,295	194,047	123,552		90,834	240,573	204,330			46,421	30,190	70,770	105	1,391
31-Jul	191,860	184,534	137,197		97,048	244,520	205,192			49,824	30,299	71,902	105	1,391
01-Aug	192,582	195,737	149,709		102,929	249,922	207,668			50,545	30,367	72,275	105	1,393
02-Aug	192,975	196,479	154,630		108,264	253,904	209,160			50,993	30,555	72,741	105	1,393
03-Aug	193,322	197,398	161,175		113,320	255,914	212,332			53,507	30,772	73,466	105	1,393
04-Aug	193,471	198,029	162,792		118,667	256,839	213,396			53,704	30,914	73,817	105	1,401
05-Aug	193,569	198,242	163,551		123,249	257,248	214,023			52,364	30,966	74,130	105	1,401
06-Aug	193,670	198,602	163,804		128,612	258,878	214,541			52,808	30,997	74,355	105	1,401
07-Aug	193,721	198,840			138,071	215,324	214,089			54,376		74,619	105	1,401
08-Aug	193,781	199,351			142,375	215,971	215,704			52,943		75,100	105	1,401
09-Aug	200,205	200,205	144,639		144,639	216,750	216,750			53,208		75,516	105	1,401
10-Aug	201,331	201,331	145,093		145,093	217,106	217,106			53,272		75,767	105	1,401
11-Aug	201,643	201,643	145,748		145,748					55,617		75,858	105	1,401
12-Aug	201,963	201,963	146,016		146,016					55,925		75,874	105	1,401
13-Aug										56,244		75,941	105	1,401
14-Aug												75,974	105	1,430
15-Aug												75,979	105	1,430
16-Aug												75,985	105	1,430
Total Count	193,781	201,963	163,804	146,016	259,316	217,106	217,422	94,295	56,244	53,272	30,997	75,988	5,875	1,430
Estimated Esc.	200,000	207,000	166,810	148,000	260,000	220,000	220,000	100,000	57,000	54,000	32,000	76,000	5,900	1,430

\*Aug 20-22, 1996- 3 additional sockeye pass through fence.

Table 3. 1998 First Nations food fish catch from Area 10-8.<sup>a</sup>

Week	Week Ending	# Sets Effort	Sockeye	Coho	Pink	Chum	Chinook	Jack	Stlhd
26	Jun-27	.	.	.	.	.	.	.	.
27	Jul-4	.	.	.	.	.	.	.	.
28	Jul-11	12	170	.	.	.	.	.	.
29	Jul-18	.	.	.	.	.	.	.	.
30	Jul-25	.	.	.	.	.	.	.	.
31	Aug-01	.	.	.	.	.	.	.	.
32	Aug-08	.	.	.	.	.	.	.	.
33	Aug-15	.	.	.	.	.	.	.	.
34	Aug-22	.	.	.	.	.	.	.	.
35	Aug-31	.	.	.	.	.	.	.	.
36	Sep-07	.	.	.	.	.	.	.	.
37	Sep-14	.	.	.	.	.	.	.	.
38	Sep-21	.	.	.	.	.	.	.	.
39	Sep-28	.	.	.	.	.	.	.	.
40	Oct-05	.	.	.	.	.	.	.	.
41	Oct-12	.	.	.	.	.	.	.	.
42	Oct-19	.	.	.	.	.	.	.	.
43	Oct-26	.	.	.	.	.	.	.	.
44	Nov-02	.	.	.	.	.	.	.	.
Total		12	170	0	0	0	0	0	0

<sup>a</sup> no catch was reported for 1997, 1999, 2000.

Table 4a. Length, weight, sex, and age data collected from sockeye salmon sampled at the Docee Fence in 1997.

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	Age
Jul-03-05	545	655	3450	F	.
Jul-03-05	545	660	3300	F	1.3
Jul-03-05	375	470	1150	M	1.2
Jul-03-05	540	640	3240	F	1.3
Jul-03-05	500	605	3000	M	2.3
Jul-03-05	455	540	1940	F	1.2
Jul-03-05	527	629	3190	M	1.3
Jul-03-05	518	634	3260	M	1.3
Jul-03-05	522	634	3040	M	1.3
Jul-03-05	562	686	3790	M	1.3
Jul-03-05	547	663	3650	M	1.3
Jul-03-05	519	646	3380	F	1.3
Jul-03-05	501	597	2810	M	1.3
Jul-03-05	521	613	2890	F	1.3
Jul-03-05	560	640	3340	F	1.3
Jul-03-05	567	660	3420	M	1.3
Jul-03-05	573	665	3510	F	1.3
Jul-03-05	545	632	3120	F	1.3
Jul-03-05	545	640	3590	M	1.3
Jul-03-05	557	652	3360	F	1.3
Jul-03-05	527	613	2960	F	.
Jul-03-05	511	602	2640	F	.
Jul-03-05	515	610	2690	M	1.3
Jul-03-05	475	560	2080	M	1.2
Jul-03-05	530	623	3160	M	1.3
Jul-05-11	525	634	3160	M	1.3
Jul-05-11	485	577	2440	F	1.3
Jul-05-11	532	650	3120	F	1.3
Jul-05-11	533	638	3010	F	1.3
Jul-05-11	479	574	2320	M	1.2
Jul-05-11	518	621	2860	F	1.3
Jul-05-11	532	634	3140	M	1.3
Jul-05-11	515	615	3110	M	1.3
Jul-05-11	467	553	2100	F	1.2
Jul-05-11	520	615	3100	F	1.3
Jul-05-11	523	624	2620	F	1.3
Jul-05-11	539	631	2810	F	1.3
Jul-05-11	566	692	4100	M	1.3
Jul-05-11	427	522	1810	M	1.2
Jul-05-11	507	626	3000	M	1.3
Jul-05-11	521	625	2850	F	1.3
Jul-05-11	549	645	3410	F	1.3
Jul-05-11	433	527	1810	M	1.2
Jul-05-11	510	618	3010	F	1.3



Table 4a. 1997 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	Age
Jul-05-11	536	647	3600	M	1.3
Jul-05-11	522	625	2840	F	1.3
Jul-05-11	523	617	2600	F	1.3
Jul-05-11	508	614	2800	F	1.3
Jul-05-11	431	518	1500	M	1.2
Jul-05-11	534	639	3410	F	1.3
Jul-12-14	526	640	3410	M	1.3
Jul-12-14	522	631	3010	F	1.3
Jul-12-14	557	654	3620	F	1.3
Jul-12-14	506	615	2650	M	1.3
Jul-12-14	518	617	2790	F	1.3
Jul-12-14	541	657	3610	M	1.3
Jul-12-14	537	642	3180	M	1.3
Jul-12-14	531	638	3090	F	1.3
Jul-12-14	507	615	2680	F	1.3
Jul-12-14	516	622	2530	F	1.3
Jul-12-14	454	535	2010	F	1.2
Jul-12-14	530	641	3380	F	1.3
Jul-12-14	547	674	3720	M	1.3
Jul-12-14	421	507	1410	F	1.2
Jul-12-14	513	630	3100	M	1.3
Jul-12-14	453	551	1910	M	1.2
Jul-15	547	661	3240	F	1.3
Jul-15	535	638	2860	F	1.3
Jul-15	526	635	2630	M	1.3
Jul-15	423	556	1450	M	1.2
Jul-15	492	587	2400	F	1.3
Jul-15	435	515	1630	M	.
Jul-15	518	624	2810	F	.
Jul-15	525	632	2980	F	1.3
Jul-15	470	566	2300	F	1.2
Jul-15	510	626	3220	M	1.3
Jul-15	537	658	3630	M	1.3
Jul-15	495	600	2650	F	1.3
Jul-15	520	601	2790	F	1.3
Jul-15	475	573	2400	M	1.2
Jul-15	512	626	2810	F	1.3
Jul-15	522	631	3230	F	1.3
Jul-15	550	665	3410	M	1.3
Jul-15	536	659	3430	M	1.3
Jul-15	521	618	2610	F	1.3
Jul-15	573	670	.	M	1.3
Jul-15	571	630	.	M	1.3
Jul-15	510	550	.	M	1.2
Jul-15	550	610	.	F	1.3

Table 4a. 1997 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	Age
Jul-15	516	647	.	F	1.3
Jul-15	524	556	.	M	1.2
Jul-15	552	621	.	M	1.3
Jul-15	462	504	.	F	1.2
Jul-15	473	513	.	F	1.2
Jul-15	532	586	.	M	.
Jul-15	510	541	.	F	1.2
Jul-15	528	592	.	F	1.3
Jul-15	573	631	.	M	1.3
Jul-15	563	627	.	M	1.3
Jul-15	566	612	.	F	1.3
Jul-15-18	527	633	2840	F	1.3
Jul-15-18	528	640	3240	M	1.3
Jul-15-18	515	635	2620	F	1.3
Jul-15-18	532	652	2810	F	1.3
Jul-15-18	480	585	2230	M	1.2
Jul-15-18	531	652	3040	F	1.3
Jul-15-18	508	627	2870	M	1.3
Jul-15-18	531	645	3100	M	1.3
Jul-15-18	427	515	1600	M	1.2
Jul-15-18	565	684	3820	M	1.3
Jul-15-18	530	650	3120	M	1.3
Jul-15-18	422	513	1650	M	1.2
Jul-15-18	505	597	2490	F	1.3
Jul-15-18	480	577	2070	M	1.2
Jul-15-18	473	573	2480	F	1.3
Jul-15-18	425	513	1380	F	1.2
Jul-15-18	522	631	2630	F	1.3
Jul-15-18	515	626	2780	M	1.3
Jul-19	542	645	3180	F	1.3
Jul-19	541	663	3400	M	1.3
Jul-19	557	685	3590	M	1.3
Jul-19	556	687	3790	M	.
Jul-19	555	651	3140	F	1.3
Jul-24	515	615	2790	M	1.3
Jul-24	545	640	3510	F	1.3
Jul-24	507	643	3870	M	1.3

Table 4b. Length, weight, sex, parasite prevalence, and age data collected from sockeye salmon sampled at the Docee Fence in 1998.

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-06	560	670	3300	F	Y	1.3
Jul-06	510	620	2760	F	Y	1.3
Jul-06	525	640	3640	M	Y	1.3
Jul-07	550	670	3680	F	Y	1.3
Jul-07	520	630	2940	F	Y	1.3
Jul-07	500	620	3340	M	Y	1.3
Jul-07	490	600	3460	M	Y	1.3
Jul-07	520	650	3340	F	Y	1.3
Jul-07	450	565	2280	F	Y	1.3
Jul-08	500	590	2600	F	Y	1.3
Jul-08	510	600	2680	F	Y	.
Jul-08	500	600	2740	F	Y	1.3
Jul-08	.	.	.	M	N	1.2
Jul-08	535	660	3360	M	N	1.3
Jul-09	495	580	2420	F	Y	1.3
Jul-09	545	660	3640	M	Y	1.3
Jul-09	510	600	2860	M	N	1.3
Jul-09	530	630	3160	M	N	1.2
Jul-09	475	560	2210	F	Y	1.3
Jul-09	550	645	3460	F	Y	1.3
Jul-09	490	590	2400	M	N	1.3
Jul-10	515	625	3280	F	Y	1.3
Jul-10	545	680	4060	M	Y	1.3
Jul-10	510	640	3360	M	Y	.
Jul-10	585	590	2520	F	Y	1.3
Jul-13	485	600	2920	M	Y	1.3
Jul-13	510	630	3300	M	Y	1.3
Jul-13	515	625	2860	F	Y	1.3
Jul-13	535	655	3460	F	N	2.3
Jul-13	520	635	3220	F	Y	1.3
Jul-13	530	660	3540	M	Y	1.3
Jul-13	500	630	3260	M	Y	1.3
Jul-13	550	680	4360	M	Y	1.3
Jul-13	530	645	3380	F	Y	1.3
Jul-13	510	640	3120	M	Y	1.3
Jul-13	510	625	3000	M	Y	1.3
Jul-13	510	635	3020	M	Y	1.3
Jul-13	480	600	2880	M	Y	1.3
Jul-13	525	640	3540	F	Y	1.3
Jul-13	535	640	3240	F	Y	1.3
Jul-13	510	625	3020	F	Y	.
Jul-13	.	600	.	.	.	1.3
Jul-13	.	640	.	.	.	1.3
Jul-13	.	610	.	.	.	1.3
Jul-15	.	650	.	.	.	1.3
Jul-15	.	630	.	.	.	1.3

Table 4b. 1998 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-15	.	610	.	.	.	1.3
Jul-15	.	640	.	.	.	1.3
Jul-15	.	610	.	.	.	1.3
Jul-16	.	610	.	.	.	1.3
Jul-17	.	540	.	.	.	1.3
Jul-17	.	650	.	.	.	1.3
Jul-17	.	540	.	.	.	1.3
Jul-17	.	620	.	.	.	1.3
Jul-17	.	630	.	.	.	1.3
Jul-17	.	600	.	.	.	1.3
Jul-17	.	640	.	.	.	1.3
Jul-17	.	660	.	.	.	1.3
Jul-17	.	630	.	.	.	1.3
Jul-17	.	590	.	.	.	1.3
Jul-17	.	600	.	.	.	2.3
Jul-17	.	690	.	.	.	1.3
Jul-17	.	510	.	.	.	1.2
Jul-18	.	630	.	.	.	1.3
Jul-18	.	640	.	.	.	1.3
Jul-18	.	600	.	.	.	1.3
Jul-18	.	580	.	.	.	1.3
Jul-18	.	620	.	.	.	1.3
Jul-18	.	580	.	.	.	1.3
Jul-18	.	660	.	.	.	1.3
Jul-18	.	650	.	.	.	1.3
Jul-18	.	650	.	.	.	1.3
Jul-18	.	650	.	.	.	1.3
Jul-18	.	620	.	.	.	1.3
Jul-18	.	590	.	.	.	1.3
Jul-18	.	590	.	.	.	1.3
Jul-18	.	600	.	.	.	1.3
Jul-18	.	610	.	.	.	1.3
Jul-18	.	650	.	.	.	1.3
Jul-18	.	650	.	.	.	1.3
Jul-19	525	645	3420	M	Y	.
Jul-19	540	670	4000	M	Y	1.3
Jul-19	520	635	3380	F	Y	1.3
Jul-19	490	605	3080	F	Y	1.3
Jul-19	515	630	2940	F	Y	1.3
Jul-19	535	660	3420	M	Y	1.3
Jul-19	.	610	.	.	.	1.3
Jul-19	.	580	.	.	.	2.3
Jul-20	.	610	.	.	.	1.3
Jul-20	.	630	.	.	.	1.3
Jul-20	530	630	3400	F	Y	1.3
Jul-20	.	590	.	.	.	1.3
Jul-20	.	640	.	.	.	1.3
Jul-20	.	560	.	.	.	1.3
Jul-21	.	610	.	.	.	1.3



Table 4b. 1998 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-21	480	605	2600	M	Y	1.3
Jul-21	500	625	3240	F	Y	1.3
Jul-21	.	620	.	.	.	1.3
Jul-21	.	600	.	.	Y	1.3
Jul-21	.	610	.	.	.	1.3
Jul-21	.	680	.	.	.	1.3
Jul-21	.	620	.	.	.	1.3
Jul-21	.	640	.	.	.	.
Jul-22	.	680	.	.	.	1.3
Jul-22	480	570	2200	M	N	1.3
Jul-22	510	610	2600	F	Y	1.3
Jul-22	515	640	3200	M	N	1.3
Jul-22	500	625	2800	M	Y	1.3
Jul-22	530	660	3440	F	Y	1.3
Jul-22	495	625	3040	M	Y	1.3
Jul-22	490	615	2900	M	Y	1.3
Jul-22	.	640	.	.	.	.
Jul-22	.	530	.	.	.	1.3
Jul-22	.	610	.	.	.	1.3
Jul-22	.	620	.	.	.	1.3
Jul-22	.	640	.	.	.	1.3
Jul-22	.	650	.	.	.	1.3
Jul-22	.	610	.	.	.	1.3
Jul-22	.	620	.	.	.	1.3
Jul-22	.	600	.	.	.	1.3
Jul-22	.	600	.	.	.	1.3
Jul-22	.	610	.	.	.	1.3
Jul-22	.	570	.	.	.	1.3
Jul-23	495	615	2780	F	Y	.
Jul-23	515	640	3060	M	Y	1.3
Jul-23	490	600	2460	F	Y	1.3
Jul-23	545	665	3320	F	N	1.3
Jul-23	460	565	2220	F	Y	1.3
Jul-23	490	615	2940	M	Y	.
Jul-23	.	580	.	.	.	1.3
Jul-24	500	620	3180	F	Y	1.3
Jul-24	545	670	4000	M	Y	1.3
Jul-24	450	555	2100	M	Y	1.2
Jul-24	505	625	3060	F	Y	1.3
Jul-24	485	600	2820	F	Y	1.3
Jul-24	525	655	3280	M	N	1.3
Jul-24	520	645	3200	M	Y	1.3
Jul-24	.	630	.	.	.	1.3
Jul-24	.	590	.	.	.	1.3
Jul-24	.	630	.	.	.	1.3
Jul-24	.	620	.	.	.	1.3
Jul-24	.	620	.	.	.	1.3
Jul-24	.	620	.	.	.	1.3
Jul-24	.	620	.	.	.	1.3
Jul-24	.	640	.	.	.	1.3

Table 4b. 1998 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-24	.	660	.	.	.	1.3
Jul-24	.	650	.	.	.	1.3
Jul-24	.	610	.	.	.	.
Jul-24	.	640	.	.	.	1.3
Jul-24	.	610	.	.	.	1.3
Jul-24	.	480	.	.	.	1.3
Jul-25	.	685	.	.	.	1.3
Jul-25	.	635	.	.	.	1.3
Jul-25	.	500	.	.	.	1.3
Jul-25	.	670	.	.	.	1.3
Jul-25	.	655	.	.	.	1.3
Jul-25	.	620	.	.	.	1.3
Jul-25	.	655	.	.	.	1.3
Jul-25	.	680	.	.	.	1.3
Jul-25	.	620	.	.	.	1.3
Jul-25	.	620	.	.	.	1.3
Jul-25	.	660	.	.	.	1.3
Jul-25	.	600	.	.	.	1.3
Jul-25	.	600	.	.	.	1.3
Jul-25	.	600	.	.	.	.
Jul-25	.	600	.	.	.	1.3
Jul-25	.	650	.	.	.	1.3
Jul-25	545	665	3580	M	N	1.3
Jul-25	490	625	3300	M	Y	.
Jul-25	475	600	2500	M	Y	1.3
Jul-25	475	580	2560	F	Y	1.3
Jul-25	.	635	.	.	.	1.3
Jul-25	.	560	.	.	.	1.3
Jul-25	.	655	.	.	.	1.3
Jul-25	.	590	.	.	.	1.3
Jul-25	.	600	.	.	.	.
Jul-25	.	630	.	.	.	1.3
Jul-25	.	620	.	.	.	1.3
Jul-25	.	650	.	.	.	1.3
Jul-25	.	655	.	.	.	1.3
Jul-25	.	625	.	.	.	1.3
Jul-25	.	600	.	.	.	1.3
Jul-25	.	560	.	.	.	1.3
Jul-25	.	615	.	.	.	1.3
Jul-26	.	600	.	.	.	1.3
Jul-26	.	590	.	.	.	1.3
Jul-26	.	615	.	.	.	1.3
Jul-26	.	580	.	.	.	1.3
Jul-26	.	600	.	.	.	1.3
Jul-26	.	610	.	.	.	1.3
Jul-26	.	540	.	.	.	1.3
Jul-26	.	650	.	.	.	1.3
Jul-26	.	530	.	.	.	1.2
Jul-26	.	640	.	.	.	1.3
Jul-26	.	570	.	.	.	1.3
Jul-26	540	650	3600	M	N	1.3

Table 4b. 1998 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-26	.	600	.	.	.	1.3
Jul-26	.	485	.	.	.	1.2
Jul-26	.	590	.	.	.	1.3
Jul-26	.	560	.	.	.	1.3
Jul-27	.	600	.	.	.	1.3
Jul-27	.	595	.	.	.	1.3
Jul-27	.	600	.	.	.	1.3
Jul-27	.	630	.	.	.	1.3
Jul-27	.	570	.	.	.	1.3
Jul-27	.	620	.	.	.	1.3
Jul-27	515	630	2840	F	Y	1.3
Jul-27	480	600	2440	F	.	.
Jul-27	525	655	3420	F	Y	1.3
Jul-27	520	645	3220	F	Y	.
Jul-28	.	640	.	.	.	1.3
Jul-28	.	600	.	.	.	1.3
Jul-28	.	595	.	.	.	.
Jul-28	540	680	4140	M	Y	1.3
Jul-28	520	650	3280	F	Y	1.3
Jul-28	.	675	.	.	.	1.3
Jul-28	.	630	.	.	.	1.3
Jul-28	.	640	.	.	.	1.3
Jul-28	.	625	.	.	.	1.3
Jul-28	.	680	.	.	.	1.3
Jul-28	.	605	.	.	.	1.3
Jul-28	.	580	.	.	.	1.3
Jul-28	.	635	.	.	.	1.3
Jul-28	.	595	.	.	.	1.3
Jul-28	.	585	.	.	.	1.3
Jul-28	.	615	.	.	.	1.3
Jul-29	.	635	.	.	.	1.3
Jul-29	.	650	.	.	.	1.2
Jul-29	.	610	.	.	.	1.3
Jul-29	.	620	.	.	.	1.3
Jul-29	.	675	.	.	.	1.3
Jul-29	.	645	.	.	.	1.3
Jul-29	.	620	.	.	.	1.3
Jul-29	.	610	.	.	.	1.3
Jul-29	.	620	.	.	.	1.3
Jul-29	.	660	.	.	.	1.3
Jul-29	.	590	.	.	.	1.3
Jul-29	.	595	.	.	.	1.3
Jul-29	500	600	2620	F	Y	1.3
Jul-29	460	565	2200	F	N	1.3
Jul-30	.	615	.	.	.	1.3
Jul-30	480	600	2700	F	Y	1.3
Jul-30	475	590	2580	F	Y	1.3
Jul-31	515	630	2900	F	Y	1.3
Aug-01	490	610	2920	F	Y	1.3
Aug-01	455	555	2480	F	Y	1.3
Aug-01	470	570	1980	F	Y	.

Table 4b. 1998 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Aug-01	.	620	.	.	.	1.3
Aug-01	.	580	.	.	.	1.3
Aug-01	.	540	.	.	.	1.2
Aug-01	.	580	.	.	.	1.3
Aug-04	525	.	2940	F	Y	1.3
Aug-04	505	610	2660	F	Y	1.3
Aug-04	510	640	3300	F	Y	1.3
Aug-04	530	670	3820	M	Y	.
Aug-04	525	660	3280	M	N	1.3
Aug-05	520	635	2840	F	Y	1.3
Aug-06	495	625	2940	F	Y	1.3
Aug-07	495	615	2800	F	Y	1.3
Aug-07	490	620	2780	F	Y	1.3
Aug-07	495	590	2620	F	Y	.
Aug-07	490	605	2700	F	Y	1.3
Aug-08	460	560	1900	F	Y	1.3
Aug-08	490	610	3120	F	Y	.
Aug-08	510	625	2780	F	Y	1.3
Aug-08	495	665	3520	M	Y	1.3
Aug-08	490	610	2820	F	Y	1.3
Aug-10	480	590	.	F	N	1.3
Aug-10	515	645	.	M	Y	1.3
Aug-10	485	580	.	M	.	1.3
Aug-10	505	595	.	F	Y	1.3
Aug-10	520	605	.	F	.	1.3
Aug-10	500	600	.	F	Y	1.3
Aug-10	560	670	.	F	Y	1.3
Aug-10	500	645	.	F	.	1.3
Aug-10	515	630	.	F	.	1.3
Aug-10	500	645	.	M	.	1.3
Aug-10	465	575	.	F	.	1.3
Aug-10	505	620	.	M	Y	1.3
Aug-11	500	600	.	F	.	1.3
Aug-11	500	600	.	F	.	1.3
Aug-11	515	625	.	F	.	1.3
Aug-11	520	615	.	F	.	1.3
Aug-11	530	635	.	F	.	1.3
Aug-11	500	615	.	F	.	1.3
Aug-12	510	610	.	F	.	1.3
Aug-12	505	605	.	F	.	1.3
Aug-12	525	650	.	M	.	1.3
Aug-12	510	645	.	M	.	1.3
Aug-12	505	655	.	M	.	1.3
Aug-13	515	660	.	M	Y	1.3
Aug-13	475	605	.	F	Y	1.3
Aug-13	520	635	.	F	Y	1.3
Aug-13	500	600	.	F	N	1.3
Aug-13	530	645	.	F	Y	.
Aug-14	445	550	.	F	Y	1.3
Aug-15	495	600	.	F	Y	1.3
Aug-20	500	600	.	M	N	1.3
Aug-22	506	610	.	M	N	1.3
Aug-22	502	600	.	F	N	1.3



Table 4c. Length, weight, sex, parasite prevalence, and age data collected from sockeye salmon sampled at the Docee Fence in 1999.

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-10	544	660	3400	M	Y	1.3
Jul-10	525	635	3100	M	Y	2.3
Jul-13	550	655	3500	F	Y	1.2
Jul-14	550	690	3700	M	Y	1.4
Jul-15	530	630	3400	F	N	1.3
Jul-16	520	630	2800	M	Y	1.3
Jul-16	510	620	3000	F	Y	.
Jul-16	480	575	2300	M	Y	1.2
Jul-17	505	610	2500	F	Y	1.3
Jul-17	.	595	.	M	.	1.3
Jul-17	.	675	.	M	.	1.3
Jul-17	.	635	.	M	.	.
Jul-17	.	640	.	F	.	1.3
Jul-18	.	555	.	F	.	1.2
Jul-20	500	605	2400	F	Y	1.3
Jul-20	.	650	.	F	.	1.3
Jul-20	.	660	.	M	.	2.3
Jul-20	.	645	.	M	.	1.3
Jul-20	.	610	.	M	.	1.3
Jul-20	.	535	.	F	.	1.2
Jul-20	.	600	.	F	.	1.3
Jul-20	.	525	.	F	.	.
Jul-20	.	620	.	M	.	1.3
Jul-20	.	630	.	F	.	.
Jul-20	.	615	.	M	.	1.3
Jul-20	.	635	.	F	.	1.3
Jul-20	.	650	.	F	.	1.3
Jul-20	.	605	.	F	.	1.3
Jul-21	450	560	2100	M	Y	.
Jul-21	.	550	.	M	.	1.3
Jul-22	500	605	2500	F	Y	1.3
Jul-23	.	645	.	M	.	1.3
Jul-23	.	560	.	F	.	2.2
Jul-23	.	600	.	M	.	1.2
Jul-23	.	625	.	F	.	1.3
Jul-23	.	590	.	F	.	1.2
Jul-23	.	610	.	F	.	1.3
Jul-23	.	570	.	M	.	.
Jul-23	.	685	.	M	.	1.3
Jul-23	.	620	.	F	.	1.3
Jul-23	.	655	.	F	.	1.3
Jul-23	.	595	.	F	.	1.2
Jul-23	.	580	.	F	.	1.2
Jul-23	.	635	.	F	.	1.3
Jul-23	.	585	.	M	.	1.2
Jul-24	515	630	3000	M	Y	1.3
Jul-24	510	615	2800	F	Y	1.3
Jul-24	505	615	2700	M	Y	1.3
Jul-24	535	655	2900	F	N	1.3
Jul-24	485	595	2200	M	N	.

Table 4c. 1999 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-30	560	650	3000	F	N	1.3
Jul-30	550	615	2900	M	Y	2.3
Jul-30	460	545	2000	M	N	1.2
Jul-30	485	570	2600	F	N	1.3
Jul-30	520	620	2800	F	Y	1.3
Jul-31	545	655	3000	M	N	.
Jul-31	520	630	3100	M	N	.
Jul-31	500	600	2500	M	N	.
Jul-31	.	.	2200	F	N	.
Jul-31	.	.	2100	F	Y	.
Jul-31	.	.	2600	M	N	.
Jul-31	505	615	2800	F	Y	.
Aug-01	530	645	3100	F	Y	.
Aug-01	530	645	3100	F	N	.
Aug-01	490	590	2500	F	N	.
Aug-01	515	610	2600	F	Y	.
Aug-01	.	545	.	F	.	.
Aug-02	515	620	2800	M	Y	.
Aug-03	.	525	.	M	.	1.2
Aug-03	.	530	.	M	.	1.2
Aug-03	495	605	2600	F	Y	.
Aug-03	450	540	1800	M	Y	.
Aug-03	485	590	2000	M	N	.
Aug-04	520	645	3200	M	Y	.
Aug-04	455	545	1800	F	Y	.
Aug-04	485	590	2500	F	Y	.
Aug-04	530	655	2900	M	N	.
Aug-04	535	650	2700	M	Y	.
Aug-05	470	575	1800	M	Y	.
Aug-05	535	650	3100	F	N	.
Aug-05	520	625	3100	M	Y	.
Aug-05	525	635	2900	M	N	.
Aug-05	500	600	2500	F	Y	.
Aug-06	520	630	2900	M	Y	.
Aug-06	555	645	3300	F	Y	.
Aug-06	475	580	2300	F	Y	.
Aug-07	505	600	2700	F	Y	.
Aug-07	480	575	2000	M	Y	.
Aug-08	515	620	2800	F	N	.
Aug-08	515	620	2700	F	N	.
Aug-08	540	680	3400	M	Y	.
Aug-09	540	645	3100	F	Y	.
Aug-10	495	600	2500	F	N	.
Aug-10	485	585	2400	F	Y	.
Aug-11	500	605	2500	F	Y	.
Aug-11	.	605	.	F	.	.
Aug-12	.	615	.	F	.	.
Aug-13	.	560	.	F	.	.
Aug-14	.	560	.	F	.	.
Aug-14	.	605	.	F	.	.
Aug-16	.	545	.	F	.	.

Table 4c. 1999 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	<i>Philoneama</i> Present	Age
Jul-24	545	675	3700	M	Y	1.3
Jul-24	470	580	2400	F	Y	1.3
Jul-24	550	680	3600	M	Y	1.3
Jul-24	.	520	.	F	.	1.2
Jul-24	.	645	.	M	.	1.3
Jul-24	.	585	.	M	.	1.2
Jul-24	.	620	.	F	.	1.3
Jul-24	.	575	.	M	.	1.2
Jul-24	.	660	.	M	.	1.3
Jul-24	.	635	.	M	.	1.3
Jul-24	.	595	.	M	.	1.2
Jul-24	.	655	.	M	.	.
Jul-24	.	625	.	F	.	1.3
Jul-24	.	635	.	M	.	.
Jul-24	480	585	2300	M	Y	.
Jul-24	540	665	3600	M	Y	1.3
Jul-24	530	635	3200	F	Y	1.3
Jul-24	505	620	2900	F	Y	.
Jul-24	485	590	2500	M	Y	1.2
Jul-24	515	625	2600	F	Y	1.3
Jul-25	.	645	.	F	.	1.3
Jul-25	.	640	.	M	.	.
Jul-25	.	570	.	M	.	1.2
Jul-25	.	620	.	M	.	1.3
Jul-25	.	625	.	M	.	1.2
Jul-25	.	605	.	M	.	1.3
Jul-25	.	675	.	M	.	1.3
Jul-25	.	665	.	M	.	1.3
Jul-25	.	625	.	F	.	1.3
Jul-25	.	665	.	F	.	1.4
Jul-26	.	595	.	M	.	1.2
Jul-26	.	610	.	F	.	1.2
Jul-26	.	635	.	M	.	1.3
Jul-26	.	630	.	M	.	1.3
Jul-26	.	620	.	M	.	1.3
Jul-26	.	655	.	F	.	1.4
Jul-26	.	665	.	M	.	1.3
Jul-26	.	665	.	M	.	1.4
Jul-27	.	660	.	M	.	.
Jul-27	.	525	.	F	.	.
Jul-27	.	565	.	M	.	.
Jul-27	.	670	.	M	.	.
Jul-27	.	550	.	M	.	.
Jul-27	.	625	.	F	.	.
Jul-27	.	555	.	F	.	.
Jul-28	.	620	.	F	.	.
Jul-28	.	620	.	M	.	.
Jul-29	485	600	2600	F	.	.
Jul-29	465	565	2300	M	N	1.2
Jul-30	515	615	2800	F	Y	1.3
Jul-30	520	635	2800	F	Y	1.3
Jul-30	445	540	1800	F	Y	1.2
Jul-30	505	595	2100	F	Y	1.3

Table 4d. Length, weight, sex, and age data collected from sockeye salmon sampled at the Docee Fence in 2000.

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	Age
Jul-05	.	600	.	.	1.2
Jul-06	560	605	2700	.	.
Jul-07	.	650	.	F	1.3
Jul-07	.	615	.	M	.
Jul-08	590	645	3400	F	1.3
Jul-08	505	565	2300	M	1.2
Jul-08	.	580	.	F	1.2
Jul-08	.	660	.	M	1.3
Jul-08	.	580	.	F	1.2
Jul-08	.	665	.	M	2.2
Jul-08	.	560	.	F	1.2
Jul-08	.	590	.	.	1.2
Jul-08	560	660	3550	F	1.3
Jul-08	525	635	2850	F	2.3
Jul-09	535	640	2450	F	1.3
Jul-09	475	570	2400	F	.
Jul-09	.	565	.	M	1.2
Jul-10	495	585	2450	M	1.2
Jul-10	.	615	.	M	1.2
Jul-10	470	570	2200	M	1.2
Jul-11	.	610	.	M	1.3
Jul-11	.	635	.	.	1.3
Jul-12	.	630	.	F	1.3
Jul-12	.	630	.	F	1.3
Jul-13	435	530	1900	M	1.2
Jul-13	480	575	2950	M	.
Jul-13	580	670	4500	M	1.3
Jul-13	.	645	.	M	.
Jul-14	.	640	.	M	1.3
Jul-14	.	620	.	F	1.3
Jul-14	.	615	.	F	1.3
Jul-14	460	565	2250	M	1.2
Jul-15	.	.	.	F	1.2
Jul-15	.	655	.	F	1.3
Jul-15	.	615	.	F	.
Jul-15	.	555	.	F	.
Jul-15	445	520	1700	F	1.2
Jul-15	480	585	2600	M	.
Jul-15	455	555	2000	.	2.3
Jul-16	.	575	.	M	1.2
Jul-16	530	630	3450	F	1.3
Jul-16	.	510	.	F	1.2
Jul-16	500	620	2825	F	1.3
Jul-16	540	660	3800	M	1.3
Jul-16	490	540	1950	F	1.2

Table 4d. 2000 sockeye (cont'd)

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Whole Weight (g)	Sex	Age
Jul-16	.	645	.	M	2.3
Jul-17	.	610	.	F	1.3
Jul-17	.	645	.	F	1.3
Jul-17	.	635	.	F	1.3
Jul-17	475	570	2300	F	.
Jul-17	520	605	2300	F	1.3
Jul-17	455	550	1950	M	1.2
Jul-17	.	625	.	M	1.3
Jul-17	.	585	.	F	1.2
Jul-17	.	560	.	M	1.2
Jul-18	485	590	2500	M	.
Jul-18	440	515	1600	F	1.2
Jul-18	510	615	2850	F	1.3
Jul-18	.	600	.	F	1.3
Jul-18	.	700	.	M	.
Jul-18	.	620	.	F	1.3
Jul-18	.	550	.	M	1.2
Jul-18	.	.	.	.	1.2
Jul-18	.	565	.	M	1.2
Jul-19	.	680	.	M	1.3
Jul-19	.	565	.	F	1.2
Jul-19	.	.	.	F	.
Jul-19	.	.	.	M	.
Jul-19	.	.	.	F	.
Jul-19	.	545	.	M	1.2
Jul-20	.	490	.	M	1.2
Jul-21	.	575	.	F	1.2
Jul-22	.	590	.	F	1.2
Jul-22	500	605	2510	F	2.3
Jul-22	550	595	3050	M	1.3
Jul-22	470	560	2400	M	1.2
Jul-23	.	720	.	M	.
Jul-23	.	720	.	M	.
Jul-23	.	540	.	M	.
Jul-24	570	680	4100	F	.
Jul-25	.	.	.	F	.
Jul-25	.	.	.	F	.
Jul-26	.	.	.	M	.
Jul-26	.	515	.	F	.
Jul-26	.	650	.	F	.
Jul-31	520	625	2850	F	.
Jul-31	325	385	600	M	.
Aug-02	505	610	2420	M	.
Aug-13	.	630	.	M	.

Table 5a. Length, weight, sex, and age data collected from coho salmon sampled at the Docee Fence in 1997.

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Weight (g)	Sex	Age
Jul-12-14	515	639	2110	M	.
Jul-12-14	543	651	2410	F	.
Jul-12-14	533	651	3240	F	2.1
Jul-15	551	600	.	F	1.1
Jul-15	492	650	.	M	.
Jul-15	554	638	.	M	1.1
Jul-15	561	621	.	F	1.1
Jul-15	563	633	.	F	1.1
Jul-15-18	517	654	3410	M	1.1
Jul-15-18	484	585	2230	F	1.1
Jul-15-18	521	617	2800	F	.
Jul-15-18	526	643	3260	F	1.1
Jul-15-18	531	645	3530	M	1.1
Jul-15-18	418	495	1530	M	1.1
Jul-15-18	548	657	3580	M	1.1



Table 5b. Length, weight, sex, and age data collected from coho salmon sampled at the Docee Fence in 1998.

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Jul-10	665	F	.	Aug-26	690	M	1.1
Jul-16	650	.	.	Aug-26	600	M	1.1
Jul-18	550	.	.	Aug-26	640	M	1.1
Jul-18	490	.	.	Aug-26	620	M	1.1
Jul-18	660	.	.	Aug-26	540	M	1.1
Jul-19	560	.	.	Aug-26	670	M	1.1
Jul-19	650	.	.	Aug-26	690	M	1.1
Jul-20	650	.	.	Aug-26	670	M	1.1
Jul-23	590	.	.	Aug-26	610	F	1.1
Jul-24	670	.	.	Aug-27	730	M	2.1
Jul-24	630	.	.	Aug-27	570	M	1.1
Jul-24	680	.	.	Aug-27	660	M	1.1
Jul-25	650	.	.	Aug-27	630	F	1.1
Jul-26	700	.	.	Aug-27	680	F	2.1
Aug-10	630	M	1.1	Aug-27	650	F	.
Aug-19	520	F	.	Aug-27	700	M	2.1
Aug-19	650	F	.	Aug-27	690	M	1.1
Aug-19	640	F	.	Aug-27	650	F	1.1
Aug-19	580	F	.	Aug-28	650	F	1.1
Aug-19	620	F	.	Aug-28	730	F	2.1
Aug-19	630	F	.	Aug-28	700	M	2.1
Aug-19	680	F	.	Aug-28	610	M	.
Aug-20	490	F	.	Aug-28	660	M	.
Aug-21	660	F	.	Aug-28	680	F	2.1
Aug-21	620	F	.	Aug-28	620	M	1.1
Aug-21	630	F	.	Aug-28	660	M	2.1
Aug-21	660	F	.	Aug-28	670	F	2.1
Aug-21	680	F	.	Aug-28	660	F	2.1
Aug-22	650	F	.	Aug-28	670	M	1.1
Aug-22	640	M	.	Aug-28	600	F	1.1
Aug-23	580	F	.	Aug-29	720	F	1.1
Aug-23	650	M	.	Aug-29	640	F	1.1
Aug-23	700	M	.	Aug-29	720	M	1.1
Aug-24	660	F	.	Aug-29	660	F	.
Aug-24	680	F	.	Aug-29	650	F	.
Aug-25	609	F	.	Aug-29	630	F	.
Aug-25	720	M	1.1	Aug-29	640	M	.
Aug-25	530	M	1.1	Aug-29	690	M	.
Aug-25	620	F	1.1	Aug-29	660	F	.
Aug-25	570	M	2.1	Aug-29	620	F	.
Aug-25	570	F	2.1	Aug-29	650	F	.
Aug-25	610	F	2.1	Aug-29	570	M	.
Aug-25	660	M	1.1	Aug-29	670	M	.
Aug-25	570	F	.	Aug-29	690	F	.
Aug-25	680	F	2.1	Aug-29	700	F	1.1
Aug-25	670	M	1.1	Aug-29	630	F	2.1
Aug-25	590	F	1.1	Aug-29	670	M	2.1
Aug-26	680	M	2.1	Aug-29	540	F	2.1
Aug-26	670	F	1.1	Aug-29	690	F	1.1
Aug-26	640	F	2.1	Aug-29	460	F	1.1
Aug-26	670	F	2.1	Aug-30	620	F	1.1
Aug-26	610	F	.	Aug-30	700	M	2.1

Table 5b. 1998 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Aug-30	720	M	1.1	Sep-03	650	F	1.1
Aug-30	670	F	1.1	Sep-03	660	M	1.1
Aug-30	660	F	2.1	Sep-03	710	M	2.1
Aug-30	680	M	2.1	Sep-03	650	M	2.1
Aug-30	720	F	2.1	Sep-04	650	F	2.1
Aug-30	680	M	2.1	Sep-04	685	F	1.1
Aug-30	690	F	2.1	Sep-04	695	F	2.1
Aug-30	640	M	1.1	Sep-04	660	M	2.1
Aug-30	720	F	.	Sep-04	605	M	.
Aug-30	650	M	.	Sep-04	630	M	1.1
Aug-30	680	M	2.1	Sep-04	585	M	.
Aug-30	670	F	2.1	Sep-04	705	F	1.1
Aug-30	690	M	1.1	Sep-04	685	F	.
Aug-30	720	M	2.1	Sep-04	690	F	1.1
Aug-30	700	F	1.1	Sep-04	715	F	.
Aug-30	690	F	.	Sep-04	700	M	1.1
Aug-30	660	F	1.1	Sep-04	685	F	2.1
Aug-30	700	M	2.1	Sep-05	750	M	2.1
Aug-30	660	F	1.1	Sep-05	675	F	1.1
Aug-30	650	M	1.1	Sep-05	610	F	.
Aug-30	640	F	2.1	Sep-05	680	F	2.1
Aug-30	700	M	1.1	Sep-05	685	M	1.1
Aug-30	720	M	2.1	Sep-05	715	M	.
Aug-30	670	M	2.1	Sep-05	715	M	2.1
Aug-30	690	F	.	Sep-05	675	F	2.1
Aug-30	700	F	2.1	Sep-05	685	F	.
Aug-30	690	M	1.1	Sep-05	710	F	1.1
Aug-30	700	F	1.1	Sep-05	580	F	1.1
Aug-30	690	F	1.1	Sep-05	645	F	1.1
Aug-30	700	F	2.1	Sep-05	670	F	1.1
Aug-30	660	F	2.1	Sep-05	645	M	1.1
Aug-30	620	M	1.1	Sep-05	720	F	1.1
Aug-31	620	M	1.1	Sep-05	660	F	2.1
Aug-31	660	F	1.1	Sep-06	685	F	1.1
Aug-31	665	F	2.1	Sep-06	715	M	2.1
Aug-31	640	M	2.1	Sep-06	650	F	.
Aug-31	630	M	1.1	Sep-06	705	F	.
Aug-31	685	M	.	Sep-06	670	F	2.1
Sep-01	630	F	1.1	Sep-06	700	F	.
Sep-01	680	F	2.1	Sep-06	645	M	1.1
Sep-01	670	M	.	Sep-06	660	F	2.1
Sep-02	730	F	1.1	Sep-06	690	M	1.1
Sep-02	640	F	.	Sep-06	680	F	2.1
Sep-02	660	M	1.1	Sep-06	685	F	.
Sep-02	615	F	1.1	Sep-06	645	F	1.1
Sep-02	710	F	1.1	Sep-06	690	F	2.1
Sep-03	705	F	.	Sep-07	640	M	1.1
Sep-03	695	F	1.1	Sep-07	675	F	.
Sep-03	650	M	1.1	Sep-07	665	M	1.1
Sep-03	570	F	1.1	Sep-07	670	F	1.1
Sep-03	505	M	.	Sep-07	695	F	2.1
Sep-03	645	M	.	Sep-07	660	M	1.1
Sep-03	705	F	1.1	Sep-07	615	M	1.1

Table 5b. 1998 (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Sep-07	690	F	2.1	Sep-08	705	F	.
Sep-07	715	M	1.1	Sep-08	750	M	2.1
Sep-07	685	F	2.1	Sep-08	605	F	2.1
Sep-07	705	M	2.1	Sep-08	655	F	2.1
Sep-07	710	F	2.1	Sep-08	625	F	2.1
Sep-07	610	F	1.1	Sep-08	665	M	1.1
Sep-07	790	F	1.1	Sep-08	715	F	1.1
Sep-07	705	M	1.1	Sep-08	475	F	1.1
Sep-07	755	M	.	Sep-08	690	F	1.1
Sep-07	700	M	1.1	Sep-09	695	F	2.1
Sep-07	605	M	1.1	Sep-09	750	M	1.1
Sep-07	550	F	2.1	Sep-09	725	M	1.1
Sep-07	665	M	1.1	Sep-10	715	F	.
Sep-07	580	M	2.1	Sep-10	685	F	1.1
Sep-07	705	F	1.1	Sep-11	685	M	.
Sep-07	710	M	2.1	Sep-11	665	M	2.1
Sep-07	775	M	1.1	Sep-12	660	F	1.1
Sep-08	680	F	1.1	Sep-12	665	F	1.1
Sep-08	705	F	2.1	Sep-13	695	F	1.1
Sep-08	660	M	2.1	Sep-13	680	F	2.1
Sep-08	715	M	2.1	Sep-14	705	M	1.1
Sep-08	720	M	1.1	Sep-15	710	F	1.1
Sep-08	645	F	1.1	Sep-15	685	M	1.1
Sep-08	660	F	1.1	Sep-16	420	F	2.1
Sep-08	660	F	2.1	Sep-17	690	M	2.1
Sep-08	715	M	1.1	Sep-17	725	F	1.1
Sep-08	690	M	1.1	Sep-17	630	M	1.1
Sep-08	695	F	2.1	Sep-18	725	M	1.1
Sep-08	695	M	1.1	Sep-18	685	F	2.1
Sep-08	585	F	1.1	Sep-18	755	M	1.1
Sep-08	720	M	1.1	Sep-20	730	M	.
Sep-08	685	F	.	Sep-22	825	M	1.1
Sep-08	640	F	1.1	Sep-23	670	F	2.1
Sep-08	535	M	1.1	Sep-23	675	F	.
Sep-08	685	F	2.1	Sep-23	725	F	.
Sep-08	650	F	1.1	Sep-24	720	M	.
Sep-08	670	F	2.1				
Sep-08	710	M	1.1				
Sep-08	570	F	2.1				
Sep-08	615	F	.				
Sep-08	710	F	2.1				
Sep-08	670	F	1.1				
Sep-08	715	M	1.1				
Sep-08	685	F	1.1				
Sep-08	620	F	2.1				
Sep-08	650	F	2.1				
Sep-08	660	F	2.1				
Sep-08	705	M	1.1				
Sep-08	640	M	1.1				
Sep-08	655	F	1.1				
Sep-08	635	F	1.1				

Table 5c. Length, weight, sex, and age data collected from coho salmon sampled at the Docee Fence in 1999.

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Jul-17	485	M	1.1	Jul-29	665	M	1.1
Jul-18	655	M	1.1	Jul-29	615	M	.
Jul-18	615	M	1.1	Jul-30	540	M	1.1
Jul-18	630	F	.	Jul-30	550	M	1.1
Jul-19	660	M	1.1	Jul-30	630	F	.
Jul-19	470	M	1.1	Jul-30	550	M	.
Jul-19	625	F	1.1	Jul-30	650	M	.
Jul-19	570	F	1.1	Jul-30	480	M	1.1
Jul-20	635	F	1.1	Jul-30	540	M	1.1
Jul-20	640	M	1.1	Jul-30	660	F	1.1
Jul-20	610	F	1.1	Jul-30	660	M	2.1
Jul-20	670	F	1.1	Jul-30	645	M	1.1
Jul-22	585	F	.	Jul-30	595	F	.
Jul-23	685	M	.	Jul-30	605	M	1.1
Jul-23	655	F	.	Jul-30	660	M	.
Jul-23	525	M	.	Jul-30	655	M	1.1
Jul-23	615	M	1.1	Jul-30	660	M	1.1
Jul-23	550	F	1.1	Jul-30	525	M	1.1
Jul-23	650	F	2.1	Jul-30	670	M	1.1
Jul-24	525	M	.	Jul-30	640	M	.
Jul-24	525	F	1.1	Jul-30	565	F	1.1
Jul-24	650	F	1.1	Jul-30	660	M	1.1
Jul-24	630	M	1.1	Jul-30	555	M	1.1
Jul-24	675	M	1.1	Jul-30	510	M	.
Jul-24	575	M	1.1	Jul-30	675	F	1.1
Jul-25	600	F	1.1	Jul-30	605	F	1.1
Jul-25	590	M	.	Jul-30	670	M	1.1
Jul-25	660	F	.	Jul-30	575	M	1.1
Jul-26	630	F	1.1	Jul-30	610	F	.
Jul-26	650	M	1.1	Jul-30	550	F	1.1
Jul-26	640	M	.	Jul-30	625	F	1.1
Jul-27	625	M	.	Jul-30	665	M	1.1
Jul-27	605	M	.	Jul-30	655	F	1.1
Jul-27	655	M	.	Jul-30	640	F	1.1
Jul-27	565	F	.	Jul-30	420	M	1.1
Jul-27	480	M	.	Jul-30	610	M	1.1
Jul-28	520	M	.	Jul-30	550	F	.
Jul-28	660	M	.	Aug-01	635	M	1.1
Jul-28	660	M	.	Aug-01	555	M	1.1
Jul-28	565	M	.	Aug-01	660	F	.
Jul-28	675	M	.	Aug-01	620	M	1.1
Jul-28	600	F	.	Aug-01	645	M	1.1
Jul-28	650	F	.	Aug-01	590	M	1.1
Jul-28	490	M	.	Aug-01	640	F	1.1
Jul-28	585	M	.	Aug-01	615	F	.
Jul-29	620	F	.	Aug-02	665	M	.

Table 5c. 1999 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Aug-02	595	F	1.1	Aug-08	620	M	1.1
Aug-02	665	M	.	Aug-08	545	M	.
Aug-02	610	F	1.1	Aug-08	705	F	1.1
Aug-02	630	F	.	Aug-08	585	M	1.1
Aug-03	625	M	2.1	Aug-08	620	F	2.1
Aug-03	575	M	1.1	Aug-08	645	F	1.1
Aug-03	665	M	1.1	Aug-08	600	M	1.1
Aug-03	525	M	.	Aug-08	610	M	1.1
Aug-03	490	M	.	Aug-08	610	M	1.1
Aug-03	445	M	1.1	Aug-08	695	M	1.1
Aug-03	605	M	1.1	Aug-09	600	F	1.1
Aug-03	545	F	.	Aug-09	625	F	1.1
Aug-03	535	F	.	Aug-09	640	F	1.1
Aug-04	430	M	.	Aug-09	595	F	1.1
Aug-04	650	F	1.1	Aug-09	695	M	.
Aug-04	585	F	1.1	Aug-09	610	M	1.1
Aug-04	520	M	1.1	Aug-09	630	F	1.1
Aug-04	665	M	2.1	Aug-09	630	M	1.1
Aug-04	460	M	1.1	Aug-09	660	F	.
Aug-04	625	M	1.1	Aug-09	630	F	1.1
Aug-04	675	M	.	Aug-09	660	M	2.1
Aug-05	625	M	1.1	Aug-09	660	F	1.1
Aug-05	600	F	.	Aug-09	550	M	.
Aug-05	535	F	.	Aug-09	630	F	2.1
Aug-05	630	M	.	Aug-10	665	M	1.1
Aug-05	515	M	.	Aug-10	570	F	.
Aug-05	530	M	1.1	Aug-10	590	M	1.1
Aug-05	635	F	1.1	Aug-10	650	F	1.1
Aug-05	615	M	1.1	Aug-10	630	M	1.1
Aug-05	590	F	.	Aug-10	625	M	.
Aug-05	660	F	1.1	Aug-10	635	F	1.1
Aug-06	595	F	.	Aug-10	625	F	.
Aug-06	635	F	.	Aug-10	510	M	1.1
Aug-06	585	M	1.1	Aug-11	635	M	1.1
Aug-06	615	M	1.1	Aug-11	620	F	.
Aug-06	710	M	1.1	Aug-11	645	M	1.1
Aug-06	660	F	1.1	Aug-11	555	F	.
Aug-06	570	F	.	Aug-11	585	M	.
Aug-06	675	F	1.1	Aug-11	660	F	2.1
Aug-07	635	M	1.1	Aug-11	580	F	1.1
Aug-07	585	M	.	Aug-11	625	M	2.1
Aug-07	600	F	1.1	Aug-11	640	M	1.1
Aug-07	510	F	1.1	Aug-11	665	M	1.1
Aug-07	545	F	.	Aug-11	630	F	.
Aug-07	625	M	1.1	Aug-12	610	F	1.1
Aug-07	605	F	.	Aug-12	500	M	1.1

Table 5c. 1999 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Aug-12	625	M	1.1	Aug-17	635	M	1.1
Aug-12	655	F	.	Aug-17	660	F	1.1
Aug-12	650	F	1.1	Aug-17	480	M	1.1
Aug-12	640	F	.	Aug-17	630	F	1.1
Aug-12	595	F	.	Aug-17	635	M	1.1
Aug-12	555	F	2.1	Aug-17	685	M	2.1
Aug-13	625	M	2.1	Aug-17	665	M	.
Aug-13	600	M	.	Aug-17	610	M	.
Aug-13	505	F	1.1	Aug-17	655	F	2.1
Aug-13	560	F	.	Aug-17	515	M	1.1
Aug-13	610	F	.	Aug-18	660	F	1.1
Aug-13	550	M	.	Aug-18	605	F	1.1
Aug-13	665	M	1.1	Aug-18	640	F	.
Aug-13	560	M	.	Aug-18	635	M	1.1
Aug-13	700	F	.	Aug-18	575	M	1.1
Aug-13	670	M	1.1	Aug-18	695	M	1.1
Aug-14	515	F	.	Aug-18	650	F	1.1
Aug-14	630	F	.	Aug-18	640	F	1.1
Aug-14	530	M	1.1	Aug-18	685	F	.
Aug-14	690	M	1.1	Aug-18	640	F	1.1
Aug-14	685	F	1.1	Aug-19	595	M	1.1
Aug-14	605	F	1.1	Aug-19	675	F	.
Aug-14	615	F	1.1	Aug-19	640	F	1.1
Aug-14	620	F	.	Aug-19	545	M	.
Aug-14	655	M	.	Aug-19	485	M	1.1
Aug-14	640	M	1.1	Aug-19	630	M	1.1
Aug-15	635	F	1.1	Aug-19	670	F	.
Aug-15	540	M	1.1	Aug-19	625	M	1.1
Aug-15	615	F	1.1	Aug-19	640	M	2.1
Aug-15	625	M	1.1	Aug-19	645	F	.
Aug-15	630	M	1.1	Aug-20	640	F	1.1
Aug-15	635	M	1.1	Aug-20	570	F	.
Aug-15	605	M	1.1	Aug-20	535	F	.
Aug-15	610	F	.	Aug-20	525	M	.
Aug-15	635	F	1.1	Aug-20	575	F	1.1
Aug-15	560	M	1.1	Aug-20	615	M	.
Aug-16	605	M	2.1	Aug-20	630	M	1.1
Aug-16	640	M	1.1	Aug-20	620	F	1.1
Aug-16	650	F	1.1	Aug-20	580	F	.
Aug-16	615	F	.	Aug-20	570	M	1.1
Aug-16	595	M	.	Aug-21	625	F	.
Aug-16	650	F	1.1	Aug-21	635	F	1.1
Aug-16	550	M	.	Aug-21	655	F	.
Aug-16	660	F	.	Aug-21	615	F	1.1
Aug-16	420	M	1.1	Aug-21	685	F	2.1
Aug-16	645	F	2.1	Aug-21	695	M	1.1



Table 5c. 1999 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Aug-21	670	M	.	Sep-01	655	M	1.1
Aug-21	665	F	.	Sep-01	660	M	1.1
Aug-21	645	M	1.1	Sep-01	645	F	1.1
Aug-21	655	M	1.1	Sep-01	595	F	1.1
Aug-22	580	F	.	Sep-01	695	M	.
Aug-22	595	M	1.1	Sep-01	690	M	1.1
Aug-22	640	F	1.1	Sep-02	645	M	1.1
Aug-22	635	F	1.1	Sep-02	650	F	1.1
Aug-22	515	F	.	Sep-02	575	F	1.1
Aug-22	655	F	2.1	Sep-02	685	F	1.1
Aug-22	525	M	1.1	Sep-02	620	M	1.1
Aug-22	620	F	2.1	Sep-02	670	F	.
Aug-22	580	F	1.1	Sep-02	580	F	1.1
Aug-22	650	M	1.1	Sep-02	650	M	1.1
Aug-23	605	M	.	Sep-02	640	F	1.1
Aug-23	635	M	1.1	Sep-02	655	F	1.1
Aug-23	540	F	1.1	Sep-03	600	F	1.1
Aug-23	645	F	.	Sep-03	650	F	1.1
Aug-23	615	F	.	Sep-03	665	M	.
Aug-23	620	F	1.1	Sep-03	680	M	2.1
Aug-23	705	M	1.1	Sep-04	600	M	1.1
Aug-23	585	F	1.1	Sep-04	715	M	.
Aug-24	660	F	1.1	Sep-04	660	F	.
Aug-30	610	M	1.1	Sep-04	655	F	1.1
Aug-30	530	M	2.1	Sep-06	650	F	1.1
Aug-31	580	F	1.1	Sep-09	625	F	2.1
Aug-31	585	F	.	Sep-10	320	M	1.0
Sep-01	660	F	1.1	Sep-10	690	F	1.1
Sep-01	570	F	1.1	Sep-11	515	M	1.1
Sep-01	645	M	1.1	Sep-26	645	M	1.1
Sep-01	680	M	1.1				

Table 5d. Length, sex, and age data collected from coho salmon sampled at the Docee Fence in 2000.

Date Sampled	Hypural Length (mm)	Fork Length (mm)	Weight (g)	Sex	Age
Jul-05	500	605	2700	F	1.1
Jul-17	.	645	2950	F	.
Jul-19	460	565	2000	M	.
Jul-20	480	565	2450	M	1.1
Jul-20	580	695	4500	F	2.1
Jul-31	530	600	3600	F	1.1
Aug-02	485	605	.	M	.
Aug-02	535	655	.	F	.
Aug-02	495	590	.	F	1.1
Aug-02	440	530	.	F	.
Aug-02	515	625	.	F	1.1
Aug-02	560	685	.	F	2.1
Aug-03	510	620	.	M	1.1
Aug-05	510	625	.	F	1.1
Aug-05	440	525	.	M	1.1
Aug-05	455	550	.	M	.
Aug-05	530	655	.	M	2.1
Aug-05	565	670	.	F	1.1
Aug-05	555	660	.	F	1.1
Aug-05	535	655	.	M	1.1
Aug-05	450	555	.	M	.
Aug-05	520	650	.	F	2.1
Aug-05	530	650	.	F	1.1
Aug-05	425	500	.	M	1.1
Aug-05	555	685	.	M	.
Aug-05	545	660	.	F	1.1
Aug-07	450	545	.	M	1.1
Aug-07	515	625	.	M	.
Aug-07	545	660	.	F	1.1
Aug-07	575	705	.	F	1.1
Aug-07	450	545	.	M	2.1
Aug-07	525	630	.	F	1.1
Aug-08	520	650	.	M	1.1
Aug-08	530	660	.	M	2.1
Aug-09	510	615	.	M	1.1
Aug-13	.	615	2200	M	1.1
Aug-13	.	495	1300	F	2.1

Table 5d. 2000 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Jul-05	615	.	1.1	Jul-18	605	M	.
Jul-06	645	M	1.1	Jul-18	615	F	.
Jul-08	540	F	2.1	Jul-20	620	M	.
Jul-08	560	M	1.1	Jul-20	675	F	.
Jul-08	560	F	.	Jul-21	535	M	1.1
Jul-08	665	.	1.1	Jul-21	605	M	1.1
Jul-08	595	F	1.1	Jul-21	535	M	1.1
Jul-10	570	M	1.1	Jul-21	675	M	1.1
Jul-10	680	M	1.1	Jul-21	555	M	2.1
Jul-10	630	M	.	Jul-21	675	M	2.1
Jul-10	530	M	1.1	Jul-21	550	F	.
Jul-10	.	.	1.1	Jul-21	655	M	.
Jul-10	670	M	1.1	Jul-21	640	F	.
Jul-10	635	F	1.1	Jul-22	665	F	1.1
Jul-11	695	M	1.1	Jul-22	535	M	1.1
Jul-11	625	F	.	Jul-22	590	M	.
Jul-11	680	F	1.1	Jul-22	510	F	.
Jul-11	680	F	1.1	Jul-22	620	F	1.1
Jul-11	680	M	1.1	Jul-22	620	M	1.1
Jul-12	655	F	2.1	Jul-22	680	M	1.1
Jul-12	645	F	2.1	Jul-23	725	M	.
Jul-12	515	M	2.1	Jul-23	560	M	.
Jul-12	630	F	1.1	Jul-23	720	M	2.1
Jul-12	620	F	1.1	Jul-23	685	M	1.1
Jul-12	595	F	.	Jul-23	535	M	1.1
Jul-12	645	M	1.1	Jul-24	650	F	1.1
Jul-13	575	M	1.1	Jul-24	585	M	.
Jul-13	630	F	1.1	Jul-24	510	M	1.1
Jul-13	655	F	2.1	Jul-24	505	M	1.1
Jul-14	550	M	1.1	Jul-24	755	M	1.1
Jul-15	625	F	1.1	Jul-25	715	F	1.1
Jul-15	625	F	1.1	Jul-25	665	F	.
Jul-15	580	F	1.1	Jul-25	645	M	1.1
Jul-16	635	F	1.1	Jul-25	590	M	1.1
Jul-16	530	M	1.1	Jul-26	545	M	.
Jul-16	645	F	2.1	Jul-26	590	F	1.1
Jul-16	600	M	.	Jul-26	620	F	.
Jul-16	645	M	.	Jul-26	575	M	1.1
Jul-16	535	M	.	Jul-26	610	M	.
Jul-16	640	M	.	Jul-26	620	F	1.1
Jul-17	635	F	.	Jul-26	610	M	1.1
Jul-17	650	F	1.1	Jul-26	670	F	1.1
Jul-17	625	M	1.2	Jul-26	675	F	1.1
Jul-17	615	M	1.1	Jul-26	660	M	2.1
Jul-17	645	F	.	Jul-27	640	M	1.1
Jul-17	565	M	1.1	Jul-27	660	M	1.1
Jul-17	595	F	1.1	Jul-27	595	F	.
Jul-17	605	F	1.1	Jul-27	665	F	.
Jul-17	605	M	.	Jul-27	670	F	.
Jul-18	670	M	.	Jul-27	535	M	.
Jul-18	645	F	.	Jul-29	635	F	1.1

Table 5d. 2000 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Jul-29	605	M	1.1	Aug-12	595	F	1.1
Jul-29	625	M	1.1	Aug-12	615	M	1.1
Jul-29	645	M	1.1	Aug-12	590	F	2.1
Jul-29	625	M	1.1	Aug-13	615	M	1.1
Jul-29	585	M	2.1	Aug-13	605	M	.
Jul-29	585	F	2.1	Aug-13	610	F	2.1
Jul-30	665	M	.	Aug-13	585	F	1.1
Jul-30	705	M	2.1	Aug-13	675	M	1.1
Jul-30	565	F	1.1	Aug-13	625	M	1.1
Jul-30	640	F	1.1	Aug-13	645	F	2.1
Jul-30	520	M	2.1	Aug-13	610	F	1.1
Jul-30	660	.	.	Aug-13	595	F	2.1
Jul-30	630	F	1.1	Aug-13	625	F	.
Jul-30	620	F	.	Aug-14	595	F	1.1
Jul-31	695	F	1.1	Aug-14	570	F	.
Jul-31	665	F	.	Aug-14	555	F	1.1
Jul-31	655	F	2.1	Aug-14	655	M	1.1
Jul-31	660	F	1.1	Aug-14	560	F	1.1
Jul-31	470	M	.	Aug-14	665	F	1.1
Jul-31	605	F	1.1	Aug-14	.	F	1.1
Jul-31	630	F	1.1	Aug-14	620	F	.
Jul-31	660	F	2.1	Aug-15	630	F	1.1
Aug-01	650	F	1.1	Aug-15	635	M	.
Aug-01	605	F	1.1	Aug-15	635	F	.
Aug-01	580	M	1.1	Aug-15	520	M	1.1
Aug-01	640	F	1.1	Aug-15	630	M	1.1
Aug-04	.	M	1.1	Aug-15	575	F	.
Aug-04	.	M	1.1	Aug-15	595	M	.
Aug-04	.	F	1.1	Aug-15	580	F	1.1
Aug-05	.	F	1.1	Aug-15	585	M	.
Aug-07	.	F	2.1	Aug-15	665	M	2.1
Aug-08	.	F	1.1	Aug-16	645	M	1.1
Aug-09	.	F	1.1	Aug-16	545	M	2.1
Aug-11	620	M	.	Aug-16	650	F	.
Aug-11	635	F	2.1	Aug-16	600	F	1.1
Aug-11	595	M	2.1	Aug-16	625	M	.
Aug-11	600	F	.	Aug-16	675	F	.
Aug-11	620	M	.	Aug-16	640	F	1.1
Aug-11	725	F	.	Aug-16	550	F	.
Aug-11	665	F	2.1	Aug-16	620	M	1.1
Aug-11	580	F	1.1	Aug-16	610	F	1.1
Aug-11	730	M	1.1	Aug-17	705	F	1.1
Aug-11	585	M	2.1	Aug-17	650	M	.
Aug-11	520	F	.	Aug-17	650	F	1.1
Aug-12	645	F	2.1	Aug-17	455	F	.
Aug-12	670	F	.	Aug-17	620	F	1.1
Aug-12	625	F	1.1	Aug-18	655	M	2.1
Aug-12	565	M	1.1	Aug-18	625	F	2.1
Aug-12	600	F	1.1	Aug-18	680	F	2.1
Aug-12	655	M	.	Aug-18	670	F	1.1
Aug-12	660	F	1.1	Aug-18	645	F	1.1

Table 5d. 2000 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Aug-18	655	F	1.1	Aug-23	655	F	.
Aug-18	640	F	2.1	Aug-23	580	F	.
Aug-18	655	F	1.1	Aug-23	685	F	1.1
Aug-18	590	F	1.1	Aug-24	605	F	1.1
Aug-18	530	M	1.1	Aug-24	665	F	1.1
Aug-19	645	F	.	Aug-24	605	F	.
Aug-19	445	M	1.1	Aug-24	655	M	1.1
Aug-19	560	F	1.1	Aug-24	655	F	2.1
Aug-19	620	F	1.1	Aug-24	675	F	1.1
Aug-19	630	M	1.1	Aug-24	715	M	.
Aug-19	660	F	2.1	Aug-24	685	F	.
Aug-19	585	F	1.1	Aug-24	640	F	2.1
Aug-19	680	F	1.1	Aug-24	650	M	1.1
Aug-19	635	M	2.1	Aug-26	680	M	1.1
Aug-20	655	M	2.1	Aug-26	630	F	1.1
Aug-20	680	M	.	Aug-26	635	F	.
Aug-20	685	M	1.1	Aug-26	635	.	.
Aug-20	625	F	1.1	Aug-26	710	F	2.1
Aug-20	640	F	1.1	Aug-26	655	M	1.1
Aug-20	600	F	.	Aug-26	585	F	1.1
Aug-20	600	F	.	Aug-26	605	F	2.1
Aug-20	630	F	2.1	Aug-27	660	F	.
Aug-20	585	M	1.1	Aug-27	630	F	2.1
Aug-20	625	M	.	Aug-27	660	.	.
Aug-21	655	F	.	Aug-27	635	M	1.1
Aug-21	595	F	.	Aug-27	660	M	1.1
Aug-21	635	M	1.1	Aug-27	610	F	.
Aug-21	630	F	1.1	Aug-27	585	M	1.1
Aug-21	605	F	2.1	Aug-27	660	F	.
Aug-21	620	F	.	Aug-27	645	F	2.1
Aug-21	605	F	1.1	Aug-27	605	M	2.1
Aug-21	600	F	1.1	Aug-28	675	F	1.1
Aug-21	695	F	.	Aug-28	680	M	1.1
Aug-21	625	F	.	Aug-28	600	F	1.1
Aug-22	625	F	.	Aug-28	660	F	2.1
Aug-22	645	M	1.1	Aug-28	670	F	1.1
Aug-22	600	F	1.1	Aug-28	670	M	2.1
Aug-22	570	F	2.1	Aug-28	605	F	2.1
Aug-22	620	F	1.1	Aug-29	665	F	2.1
Aug-22	680	F	.	Aug-29	625	F	.
Aug-22	680	M	1.1	Aug-29	660	M	2.1
Aug-22	550	F	1.1	Aug-29	620	F	1.1
Aug-22	580	M	1.1	Aug-29	655	F	1.1
Aug-23	675	F	1.1	Aug-29	610	M	2.1
Aug-23	610	F	.	Aug-29	620	M	.
Aug-23	635	F	1.1	Aug-30	660	M	2.1
Aug-23	555	M	1.1	Aug-30	660	F	.
Aug-23	545	M	.	Aug-30	670	F	.
Aug-23	655	F	.	Aug-30	670	M	1.1
Aug-23	570	M	1.1	Aug-30	600	M	1.1
Aug-23	655	F	.	Aug-30	630	F	1.1

Table 5d. 2000 coho (cont'd)

Date Sampled	Fork Length (mm)	Sex	Age	Date Sampled	Fork Length (mm)	Sex	Age
Aug-30	640	F	1.1	Sep-09	595	M	1.1
Aug-30	685	F	.	Sep-09	690	F	.
Aug-31	680	F	1.1	Sep-09	710	M	.
Aug-31	575	M	1.1	Sep-10	685	F	.
Aug-31	710	M	1.1	Sep-10	645	M	.
Aug-31	660	M	.	Sep-10	645	F	1.1
Aug-31	675	M	.	Sep-10	655	F	.
Aug-31	690	M	1.1	Sep-11	670	F	.
Aug-31	650	F	1.1	Sep-11	630	M	1.1
Aug-31	670	F	2.1	Sep-11	665	F	.
Aug-31	595	F	2.1	Sep-11	690	F	1.1
Sep-01	700	M	2.1	Sep-11	530	M	.
Sep-01	670	F	2.1	Sep-11	650	M	2.1
Sep-01	605	M	.	Sep-11	635	M	1.1
Sep-01	625	F	1.1	Sep-11	335	M	1.0
Sep-01	615	F	1.1	Sep-11	715	M	1.1
Sep-01	555	M	.	Sep-11	690	F	1.1
Sep-02	690	M	.	Sep-11	590	F	.
Sep-02	660	F	2.1	Sep-11	700	F	1.1
Sep-02	660	F	1.1	Sep-12	340	M	2.0
Sep-02	645	F	1.1	Sep-12	650	.	2.1
Sep-02	705	M	1.1	Sep-13	535	M	.
Sep-02	630	F	.	Sep-13	670	F	1.1
Sep-02	655	F	2.1	Sep-13	710	F	1.1
Sep-02	665	F	1.1	Sep-13	705	F	2.1
Sep-02	640	F	.	Sep-13	620	M	1.1
Sep-02	645	F	2.1	Sep-13	680	F	.
Sep-03	675	F	.	Sep-13	690	F	2.1
Sep-03	705	M	1.1	Sep-14	655	F	.
Sep-03	630	F	.	Sep-14	725	F	.
Sep-03	750	F	.	Sep-14	340	M	2.0
Sep-03	680	M	2.1	Sep-15	740	M	2.1
Sep-03	360	M	1.0	Sep-15	630	M	.
Sep-03	670	F	1.1	Sep-17	575	M	.
Sep-03	615	F	1.1	Sep-17	700	F	.
Sep-03	.	F	1.1	Sep-17	660	M	2.1
Sep-04	685	F	2.1	Sep-17	675	M	.
Sep-04	630	M	2.1	Sep-18	575	F	1.1
Sep-04	615	F	1.1	Sep-18	405	M	1.0
Sep-04	670	M	2.1	Sep-18	515	M	1.1
Sep-04	670	M	1.1	Sep-21	715	M	.
Sep-04	375	M	1.0	Sep-22	.	F	1.1
Sep-05	595	M	2.1				
Sep-05	655	M	2.1				
Sep-09	670	M	1.1				
Sep-09	670	F	2.1				
Sep-09	720	M	.				
Sep-09	625	F	.				
Sep-09	700	F	.				
Sep-09	655	M	1.1				
Sep-09	670	F	2.1				



Table 6a. Unweighted age composition, by year, of sockeye salmon sampled at the Docee Fence.

Year	N	Proportion age (number in parentheses)						
		0.3	1.1	1.2	1.3	1.4	2.2	2.3
1997	119	0.00 (0)	0.00 (0)	0.20 (24)	0.79 (94)	0.00 (0)	0.00 (0)	0.01 (1)
1998	279	0.00 (0)	0.00 (0)	0.03 (8)	0.96 (268)	0.00 (0)	0.00 (0)	0.01 (3)
1999	88	0.00 (0)	0.00 (0)	0.26 (20)	0.65 (50)	0.05 (4)	0.01 (1)	0.03 (2)
2000	62	0.00 (0)	0.00 (0)	0.48 (30)	0.44 (27)	0.00 (0)	0.02 (1)	0.06 (4)

Table 6b. Unweighted age composition, by year, of coho salmon sampled at the Docee Fence.

Year	N	Proportion age (number in parentheses)				
		1.0	1.1	1.2	2.0	2.1
1997	11	0.00 (0)	0.91 (10)	0.00 (0)	0.00 (0)	0.09 (1)
1998	214	0.00 (0)	0.60 (129)	0.00 (0)	0.00 (0)	0.40 (85)
1999	224	0.00 (1)	0.90 (201)	0.00 (0)	0.00 (0)	0.10 (22)
2000	304	0.01 (4)	0.72 (217)	0.00 (1)	0.01 (2)	0.26 (80)

Table 7a. Docee River water level and weather conditions recorded in 1997.

Date	Staff Gauge (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Jul-01	.	.	100% Overcast	100% Overcast, rain
Jul-02	2.60	.	Cloudy, calm	Sunny breaks, warm
Jul-03	2.40	2.30	High cloud	Sunny with drizzle
Jul-04	2.20	2.20	High cloud	Clear, calm
Jul-05	2.30	2.40	Partly sunny	Rain, fog
Jul-06	2.70	2.80	Clear	Rain
Jul-07	2.80	3.00	Rain	Rain
Jul-08	4.10	5.20	Cloudy, showers	Overcast
Jul-09	5.40	5.40	Rain, wind	Clear, calm
Jul-10	5.20	4.60	Cloudy	Clear, calm
Jul-11	4.30	4.10	Clear, calm	Sun
Jul-12	3.90	3.70	Clear, calm	Sun
Jul-13	3.60	3.60	Overcast, showers	Overcast, showers
Jul-14	3.70	3.80	Overcast, showers	Sunny, clear
Jul-15	3.70	3.60	Overcast	Sun
Jul-16	3.50	3.40	Sun	Sun
Jul-17	3.30	3.10	Overcast, calm	Sunny, clear
Jul-18	3.00	2.80	Cloudy	Sunny, clouds
Jul-19	2.70	2.50	Clear, calm	Sunny, clear
Jul-20	2.40	2.40	Cloudy	Sunny, calm
Jul-21	2.50	2.60	Overcast, rain	Overcast, rain
Jul-22	2.80	3.00	Overcast, rain	Sunny, clear
Jul-23	3.00	2.90	Overcast, rain	Sunny, clear
Jul-24	2.90	2.90	Overcast, rain	Sunny, clouds
Jul-25	2.90	2.70	Clear, calm	Clear, calm
Jul-26	2.60	2.50	Cloudy	Sunny, clouds
Jul-27	2.30	.	Fog, calm	.
Jul-28	2.00	2.00	Cloudy	Clear, calm
Jul-29	2.00	1.90	Fog, calm	Clear, calm
Jul-30	1.80	1.80	Cloudy, sun	Sun, cloudy
Jul-31	1.80	1.40	Overcast, calm	Clear, calm
Aug-01	1.40	1.40	Sunny, clear	Cloudy
Aug-02	1.30	1.20	Overcast, rain	Overcast, calm
Aug-03	1.20	1.30	Rain	Rain, wind
Aug-04	1.40	1.40	Fog, calm	Clear, calm
Aug-05	1.50	1.40	Fog	Clear

Table 7b. Docee River water level and weather conditions recorded in 1998.

Date	Staff Gauge (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Jun-25	.	2.60	High cloud	High cloud, warm
Jun-26	2.30	2.30	High cloud, cool	High cloud, calm
Jun-27	.	2.20	.	Clear, calm
Jun-28	2.10	.	.	.
Jun-29	1.95	1.80	Fog	Clear
Jun-30	1.80	1.70	Fog	Clear
Jul-01	1.80	1.70	Fog	Fog
Jul-02	1.80	1.75	Fog	Clear
Jul-03	1.80	1.80	Fog	Sun, hot
Jul-04	1.80	1.65	Fog	Cloudy, sun
Jul-05	1.70	1.60	Sunny	Overcast, rain
Jul-06	1.60	1.65	Rain	Overcast, fog
Jul-07	1.65	1.60	Cloud	Sun, clear
Jul-08	1.60	1.40	Overcast, fog	Sun
Jul-09	1.45	1.35	Fog	Sun, clear
Jul-10	1.35	1.40	High cloud, light rain	High cloud, fog
Jul-11	1.27	1.27	High cloud	High cloud, light rain
Jul-12	1.30	1.45	High cloud, breeze	High cloud, fog, rain
Jul-13	1.64	1.80	Cloudy, light rain	Overcast, rain, sun
Jul-14	1.75	1.80	High cloud	Overcast, wind
Jul-15	1.65	1.65	High cloud, sun	Overcast, rain
Jul-16	1.65	2.24	Rain, wind	Rain, wind
Jul-17	2.95	3.24	Fog, overcast	Sun, clear
Jul-18	3.05	2.95	Low cloud, sun	Sun, cloud
Jul-19	2.90	2.75	Fog, sunny breaks	Cloudy, sun
Jul-20	2.65	2.47	Fog, sunny breaks	Sun, clear
Jul-21	2.35	2.20	Fog, sunny breaks	Sun, hot
Jul-22	2.05	1.95	Fog, sunny breaks	Sun, clear
Jul-23	1.87	1.75	Fog, sunny breaks	Overcast, sun
Jul-24	1.70	1.55	Fog, sunny breaks	Sun, clear
Jul-25	1.50	1.47	Fog	Sun, clear
Jul-26	1.40	1.35	Fog, sunny breaks	Sun, clear
Jul-27	1.34	1.30	Sun, clear	Sun, hot
Jul-28	1.30	1.25	Clear	Sun, hot
Jul-29	1.25	1.20	Fog, sunny breaks	Sun
Jul-30	1.17	1.00	Fog	Sun, clear
Jul-31	0.98	1.00	Cloudy	Sun, clear
Aug-01	0.98	0.95	Sun	Sun
Aug-02	0.89	0.82	Sun	Sun
Aug-03	0.75	0.65	Fog	Sun, clear
Aug-04	0.63	0.63	Sunny, cloud	Cloudy, sun
Aug-05	0.61	0.70	Fog, rain	Fog, rain
Aug-06	0.67	0.63	Cloud	Cloudy, sun
Aug-07	0.60	0.50	Overcast	Overcast
Aug-08	0.45	0.45	Overcast	Rain
Aug-09	0.45	0.70	Heavy rain	Heavy rain
Aug-10	1.30	1.30	Cloudy	Cloudy
Aug-11	1.40	1.40	Rain	Rain
Aug-12	1.40	1.30	Light rain	Cloudy

Table 7b. 1998 (cont'd)

Date	Staff Gauge (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Aug-13	1.30	1.25	Fog	Clear
Aug-14	1.30	1.30	Fog	High cloud
Aug-15	1.25	1.30	Rain	Rain
Aug-16	1.50	1.30	Overcast	Overcast
Aug-17	1.30	1.00	Cloud, sun	Cloud, sun
Aug-18	1.00	1.00	Fog, cloud	Overcast, sun
Aug-19	0.80	0.80	Sun	Sun
Aug-20	0.70	0.70	Sun, cloud	Cloudy
Aug-21	0.70	0.70	Fog	Sun, cloud
Aug-22	0.60	0.60	Sun, cloud	Cloudy
Aug-23	0.50	0.50	Overcast	Overcast
Aug-24	0.45	0.45	Cloudy, sun	Cloudy, sun
Aug-25	0.40	0.35	Overcast, rain	Overcast
Aug-26	0.30	0.25	Overcast	Overcast, rain
Aug-27	0.20	0.20	Fog, light rain	Cloudy, rain
Aug-28	0.20	0.20	Fog, sun	Sun
Aug-29	0.20	0.20	Fog, cloud	Sun, cloud
Aug-30	0.20	1.50	Sun	Sun
Aug-31	0.15	0.05	Sun	Sun
Sep-01	0.05	0.05	Overcast	Overcast
Sep-02	0.20	0.30	Overcast	Sun
Sep-03	0.35	0.35	Cloudy	Sun
Sep-04	0.35	0.25	Cloud, sun	Sun
Sep-05	0.20	0.15	Sun	Overcast
Sep-06	0.15	0.45	Rain	Rain
Sep-07	1.10	1.20	Cloudy	Cloudy
Sep-08	1.20	1.20	Fog, sun	Sun
Sep-09	1.00	1.00	Rain	Rain
Sep-10	1.20	1.30	Rain	Rain
Sep-11	1.80	2.00	Sun	Sun
Sep-12	2.00	2.00	Cloudy	Rain
Sep-13	2.30	2.20	Sun	Sun
Sep-14	2.10	2.00	Fog, sun	Sun
Sep-15	1.90	1.80	Fog, sun	Sun
Sep-16	1.60	1.50	Sun	Overcast
Sep-17	1.50	1.40	Sun	Rain
Sep-18	1.30	1.10	Cloudy	Cloudy
Sep-19	1.20	1.20	Cloudy	Cloudy
Sep-20	1.00	0.90	Cloudy	Cloudy
Sep-21	0.85	0.80	Overcast	Cloudy
Sep-22	0.65	0.60	Cloudy	Sun
Sep-23	0.60	0.50	Cloudy	Cloudy
Sep-24	0.35	0.30	Cloudy	Fog
Sep-25	0.20	0.20	Sun	Clear
Sep-26	0.15	0.05	Cloudy, fog	Sun
Sep-27	0.00	0.00	Fog	Clear
Sep-28	0.00	0.00	Sun	Sun

Table 7c. Docee River water level and weather conditions recorded in 1999.

Date	Staff Gauge (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Jun-29	.	.	Heavy rain	
Jun-30	.	0.98	Rain, low cloud	Overcast
Jul-01	1.31	1.31	Overcast, light rain	Cloud, sunny breaks
Jul-02	1.31	1.31	Partly cloudy	Overcast
Jul-03	1.08	0.92	Cloudy	Partly sunny
Jul-04	0.92	0.85	Low cloud	Cloudy
Jul-05	0.82	0.62	Cloudy	Partly cloudy
Jul-06	0.66	0.49	Fog, sun	Sun
Jul-07	0.49	0.49	Fog	Fog
Jul-08	0.43	0.30	Cloudy, fog	Sun, clear
Jul-09	0.26	0.23	Sun, clear	Sun
Jul-10	0.26	0.23	Overcast	Cloudy
Jul-11	0.26	0.26	Cloudy	Sun, cloud
Jul-12	2.95	2.30	Cloudy, fog	Sun
Jul-13	2.30	2.30	Sunny, cloud	Sun, clear
Jul-14	-0.20	-0.33	Sun, clear	Sun, clear
Jul-15	-0.30	-0.30	Cloud, rain	Partly cloudy
Jul-16	-0.26	-0.26	Sun, clear	Sun, clear
Jul-17	-0.30	-0.46	Clear	Sun, clear
Jul-18	-0.49	-0.49	Cloudy, fog	Cloudy
Jul-19	-0.49	-0.49	Fog	Cloudy
Jul-20	-0.33	-0.33	Cloudy, showers	Cloudy, fog
Jul-21	-0.33	-0.43	Fog, showers	Fog, cloud
Jul-22	-0.43	-0.52	Cloud, fog	Cloud, rain
Jul-23	-0.43	-0.49	Fog, cloud	Cloudy
Jul-24	-0.39	-0.56	Cloudy	Cloudy, sun
Jul-25	-0.62	-0.79	Overcast, fog	Overcast, light rain
Jul-26	-0.85	-0.98	Cloudy	Clear
Jul-27	-1.15	-1.18	Overcast	Overcast
Jul-28	-1.15	-0.85	Rain	Rain
Jul-29	-0.75	-0.62	Sun	Sun
Jul-30	-0.66	-0.75	Sun	Sun
Jul-31	-0.82	-0.98	Fog, sun	Sun
Aug-01	-1.08	-1.18	Sun	Sun
Aug-02	-1.12	-1.28	Sun	Sun
Aug-03	-1.28	-1.18	Fog, sun	Sun
Aug-04	-1.18	-1.15	Fog	Sun
Aug-05	-1.12	-0.98	Overcast, fog	Clear
Aug-06	-0.98	-1.02	Fog	Sun
Aug-07	-0.95	-1.02	Fog	Sun
Aug-08	-0.98	-1.05	Overcast	Overcast
Aug-09	-1.08	-1.18	Fog	Overcast
Aug-10	-1.25	-1.31	Overcast, fog	Sun
Aug-11	-1.38	-1.54	Overcast	Cloudy, showers
Aug-12	-1.61	-0.16	Rain	Cloudy, showers

Table 7c. 1999 (cont'd)

Date	Staff Gauge Reading (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Aug-13	-1.71	-1.80	Cloudy, fog	Cloudy
Aug-14	-1.87	-1.94	Fog	Cloudy, rain
Aug-15	-1.84	-1.51	Fog, rain	Rain
Aug-16	-1.61	-1.38	Overcast	Cloudy, showers
Aug-17	-1.21	-1.25	Overcast, showers	Overcast
Aug-18	-1.12	-1.15	Fog	Sun
Aug-19	-1.15	-1.21	Fog, showers	Cloud, showers
Aug-20	-1.28	-1.12	Overcast, fog	Rain, fog
Aug-21	-0.30	-0.23	Sun	Sun
Aug-22	-2.95	-0.46	Sun	Sun
Aug-23	-0.56	-0.75	Overcast	Overcast
Aug-24	-0.82	1.31	Fog, rain	Rain
Aug-25	4.59	4.27	Cloudy, showers	Cloudy, showers
Aug-26	3.94	3.61	Cloudy, showers	Cloudy, showers
Aug-27	2.95	2.30	Partly cloudy	Partly cloudy
Aug-28	1.97	1.64	Rain	Overcast
Aug-29	1.31	1.15	High cloud	Partly cloudy
Aug-30	0.98	0.82	Partly cloudy	Clear
Aug-31	0.33	-0.23	Partly cloudy	Clear
Sep-01	-0.82	-1.08	Clear, sunny	Clear
Sep-02	-1.31	-1.51	Fog	Clear
Sep-03	-1.71	-1.87	Fog	Overcast
Sep-04	-1.97	-2.10	Fog, rain	Cloudy, rain
Sep-05	-1.51	-0.49	Fog, rain	Fog, rain
Sep-06	0.00	0.16	Cloudy	Partly cloudy
Sep-07	-0.13	-0.26	Partly cloudy	Partly cloudy
Sep-08	-0.69	-0.92	Overcast	Cloudy, rain
Sep-09	-1.02	-1.25	Partly cloudy	Partly cloudy
Sep-10	-1.35	-1.35	Sun, clear	Clear
Sep-11	-1.64	-1.77	Fog	Clear
Sep-12	-1.90	-2.10	Fog, sun	Clear, sun
Sep-13	-2.23	-2.46	Clear, sunny	Clear
Sep-14	-2.56	-2.66	Fog	Fog
Sep-15	-2.69	-2.82	Cloudy	Fog
Sep-16	-2.92	-2.99	Fog	Clear
Sep-17	-2.99	-3.15	Cloudy	Clear
Sep-18	-3.25	-3.28	Fog	Clear
Sep-19	-3.28	-3.41	Fog	Fog
Sep-20	-3.44	-3.44	Fog	Fog
Sep-21	-3.48	-3.54	Fog	Cloudy
Sep-22	-3.58	-3.54	Fog	Rain, fog
Sep-23	-3.31	-3.12	Fog	Cloudy
Sep-24	-3.08	-2.99	Fog	Rain
Sep-25	-2.76	-2.69	Rain	Cloudy
Sep-26	-2.53	-2.59	Sun, clear	Clear
Sep-27	-2.59	-2.69	Cloudy	Clear
Sep-28	-2.76	-2.62	Windy, cold	Rain
Sep-29	-2.26	-2.26	Fog	Cloudy
Sep-30	-2.26		Fog	

Table 7d. Docee River water level and weather conditions recorded in 2000.

Date	Staff Gauge (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Jun-30	.	.	Overcast	High overcast
Jul-01	.	.	Clear	Partly cloudy
Jul-02	.	.	Rainy	Cloudy
Jul-03	2.40	2.30	Sun, cloud	Partly cloudy
Jul-04	2.20	2.10	Clear	Clear
Jul-05	2.00	1.80	Overcast	Cloud, sun
Jul-06	1.80	1.70	Fog, clearing	Clear
Jul-07	1.75	1.65	Low cloud	High cloud
Jul-08	1.80	1.70	Low cloud	High cloud
Jul-09	1.75	1.70	Low cloud	High cloud
Jul-10	1.80	1.80	Fog	High cloud
Jul-11	1.75	1.70	High cloud	Clear
Jul-12	1.75	1.70	Clear	Rain
Jul-13	2.10	2.40	Heavy rain	Rainy
Jul-14	2.70	2.80	Rainy	Rainy
Jul-15	2.80	2.85	Low cloud	Sun, cloud
Jul-16	2.85	2.85	Low cloud	Clear
Jul-17	2.75	.	Low cloud, fog	Clearing
Jul-18	2.60	2.50	Low cloud	High cloud
Jul-19	2.45	2.35	Low cloud	High cloud
Jul-20	2.40	2.35	Low cloud	Clear
Jul-21	2.40	2.30	Fog	Clear
Jul-22	2.40	.	Fog	Low cloud
Jul-23	2.35	2.30	Cloudy	Rain
Jul-24	2.30	2.30	Cloud, fog	Cloudy, rain
Jul-25	2.30	2.30	Fog, cloud	Cloudy, rain
Jul-26	2.40	.	Low cloud	Low cloud
Jul-27	2.90	3.10	Rain, wind	Low cloud
Jul-28	4.80	4.80	Clouds	Clouds
Jul-29	4.70	4.60	Low cloud	Cloud
Jul-30	4.30	3.90	Overcast	Clear
Jul-31	3.80	4.60	Low cloud	Cloudy
Aug-01	3.60	3.50	Clearing	High cloud
Aug-02	3.40	3.20	Fog, rain	Cloud
Aug-03	3.00	2.90	Fog	Clear, hot
Aug-04	2.80	2.80	Fog	Hot
Aug-05	2.70	2.65	Fog	Hot
Aug-06	2.60	2.40	Fog	Fog
Aug-07	2.40	2.20	Fog	Clear, hot
Aug-08	2.15	2.00	Cloud	Clear, hot
Aug-09	1.90	1.60	Fog	Clear
Aug-10	.	1.60	Clear	Clear
Aug-11	1.55	1.50	Clear	Clear
Aug-12	1.35	1.30	Sun	Sun
Aug-13	1.20	1.05	Low cloud	Cloudy



Table 7d. 2000 (cont'd)

Date	Staff Gauge Reading (ft., 1/10 ft.)		Weather Observations	
	AM	PM	AM	PM
Aug-14	0.95	0.85	Clear	Cloud
Aug-15	0.80	0.75	Low cloud	Clear
Aug-16	0.65	0.60	Clear	Cloud, rain
Aug-17	0.60	0.55	Light rain	Cloud, rain
Aug-18	0.65	0.80	Cloudy	Cloudy
Aug-19	1.00	1.15	Cloudy	Cloudy
Aug-20	1.20	1.25	Rain	Cloud, rain
Aug-21	1.30	1.30	Rainy	Cloudy
Aug-22	1.25	1.20	Low cloud	Rain
Aug-23	1.40	1.70	Fog	Cloudy
Aug-24	1.75	.	Low cloud	Cloudy
Aug-25	1.80	.	Heavy rain	.
Aug-26	2.50	2.50	Cloudy	Cloud
Aug-27	2.50	2.40	Clearing	Clear
Aug-28	2.25	2.15	Low cloud	Rain
Aug-29	2.05	2.10	Fog	Mainly sunny
Aug-30	2.05	1.90	Low cloud	Low cloud
Aug-31	1.90	1.70	Cloudy	Cloudy
Sep-01	1.65	1.55	Cloudy	Rain
Sep-02	1.45	1.30	Clear	Clear
Sep-03	1.25	1.15	Low cloud	Cloudy
Sep-04	1.10	1.00	Cloud, fog	Cloudy
Sep-05	0.95	0.80	Rain, fog	Cloudy
Sep-06	0.90	.	Cloud, fog	.
Sep-07	.	.	.	.
Sep-08	.	3.40	.	Cloudy
Sep-09	3.60	4.00	Heavy rain	Cloud, fog
Sep-10	3.90	3.70	Cloudy	Clear
Sep-11	3.50	3.30	Cloudy	Rain, fog
Sep-12	3.10	3.00	Fog	Cloudy
Sep-13	2.80	2.60	Fog	Cloudy
Sep-14	2.40	2.25	Fog	Cloudy
Sep-15	2.20	2.15	Cloud, fog	Cloudy
Sep-16	2.00	1.90	Cloudy	Cloudy
Sep-17	2.20	2.80	Cloud, fog	Cloud, fog
Sep-18	3.30	3.50	Fog	Cloudy
Sep-19	3.40	3.30	Cloudy	Cloud, rain
Sep-20	3.10	2.70	Cloud, fog	Cloud
Sep-21	2.70	2.50	Cloudy	Clear
Sep-22	2.40	2.20	Clear	Clear
Sep-23	2.00	1.80	Clear	Clear
Sep-24	1.70	1.60	Clear	Clear
Sep-25	1.60	1.70	Fog	Clear
Sep-26	1.30	1.20	Fog	Clear
Sep-27	1.10	1.00	Fog	Overcast

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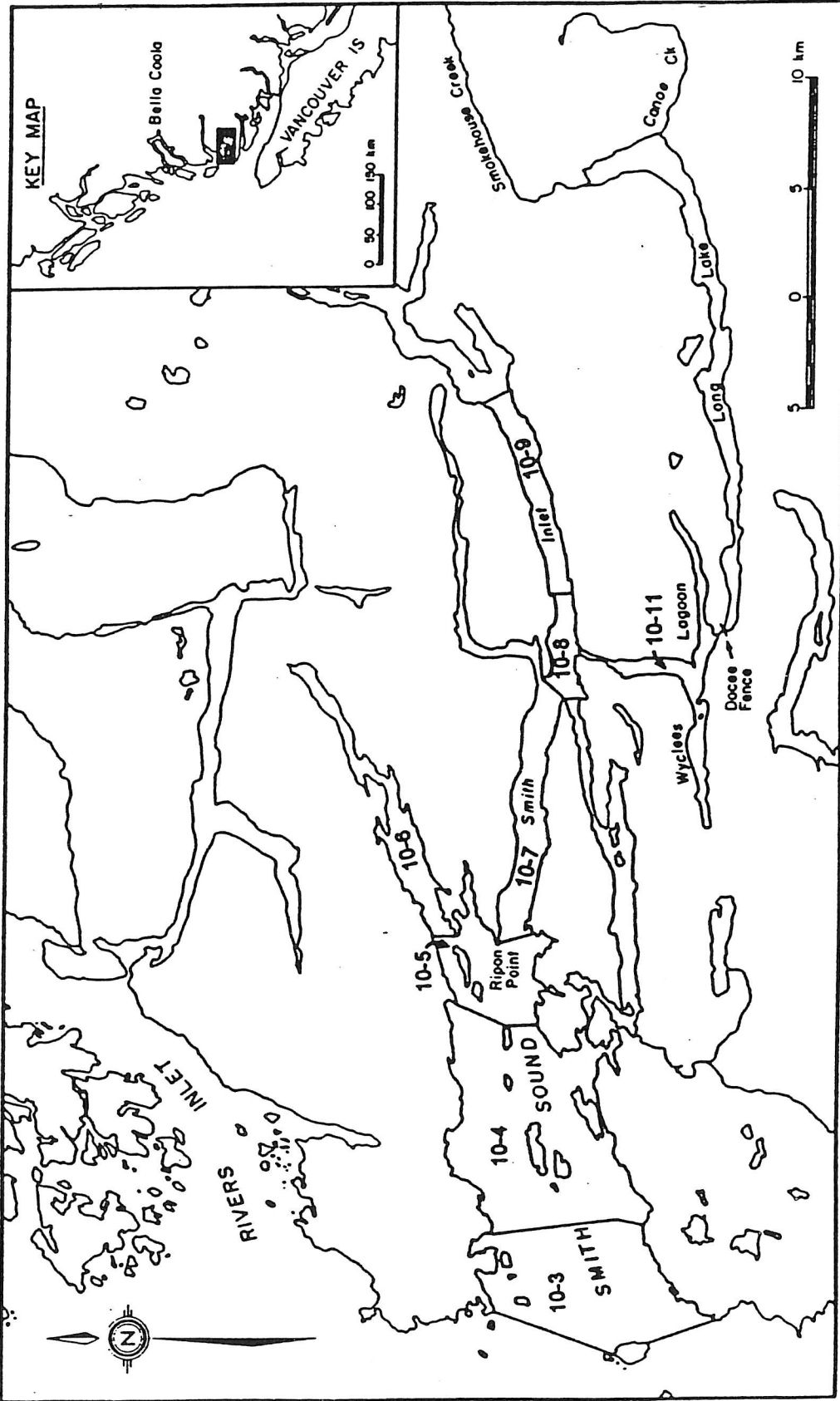


Figure 1. Location of the Docee River Fence, Smith Inlet, and Area 10 commercial fishing areas.

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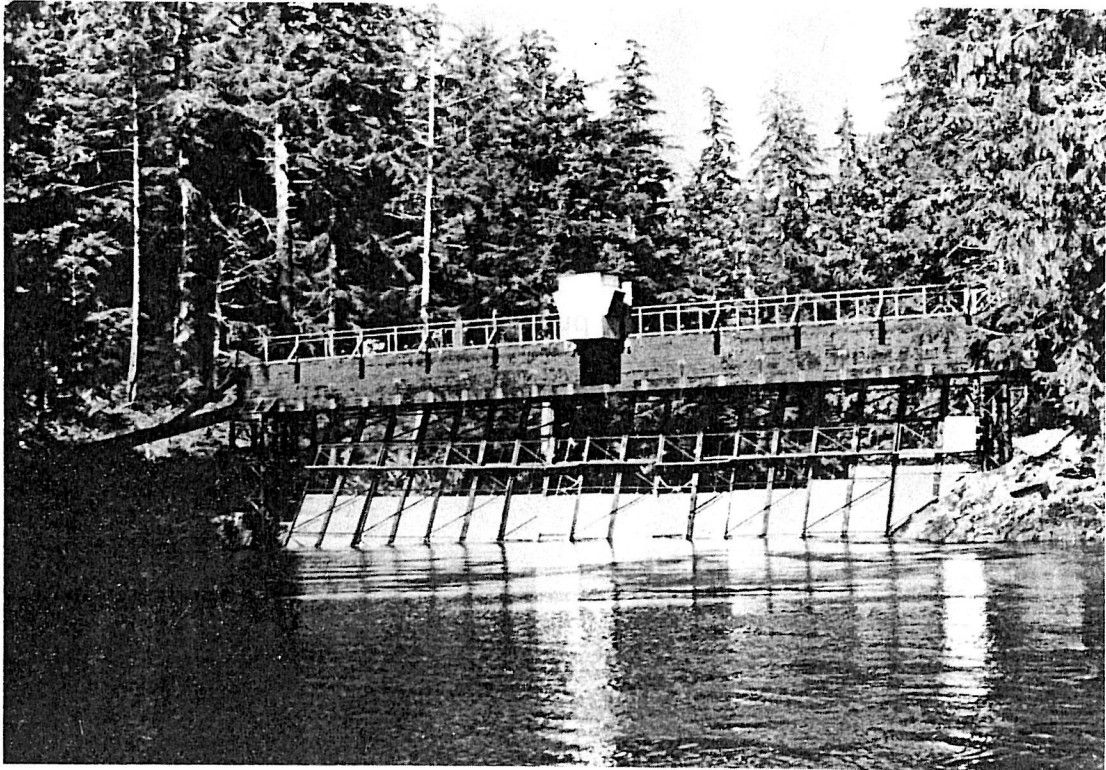


Figure 2. Docee River Fence

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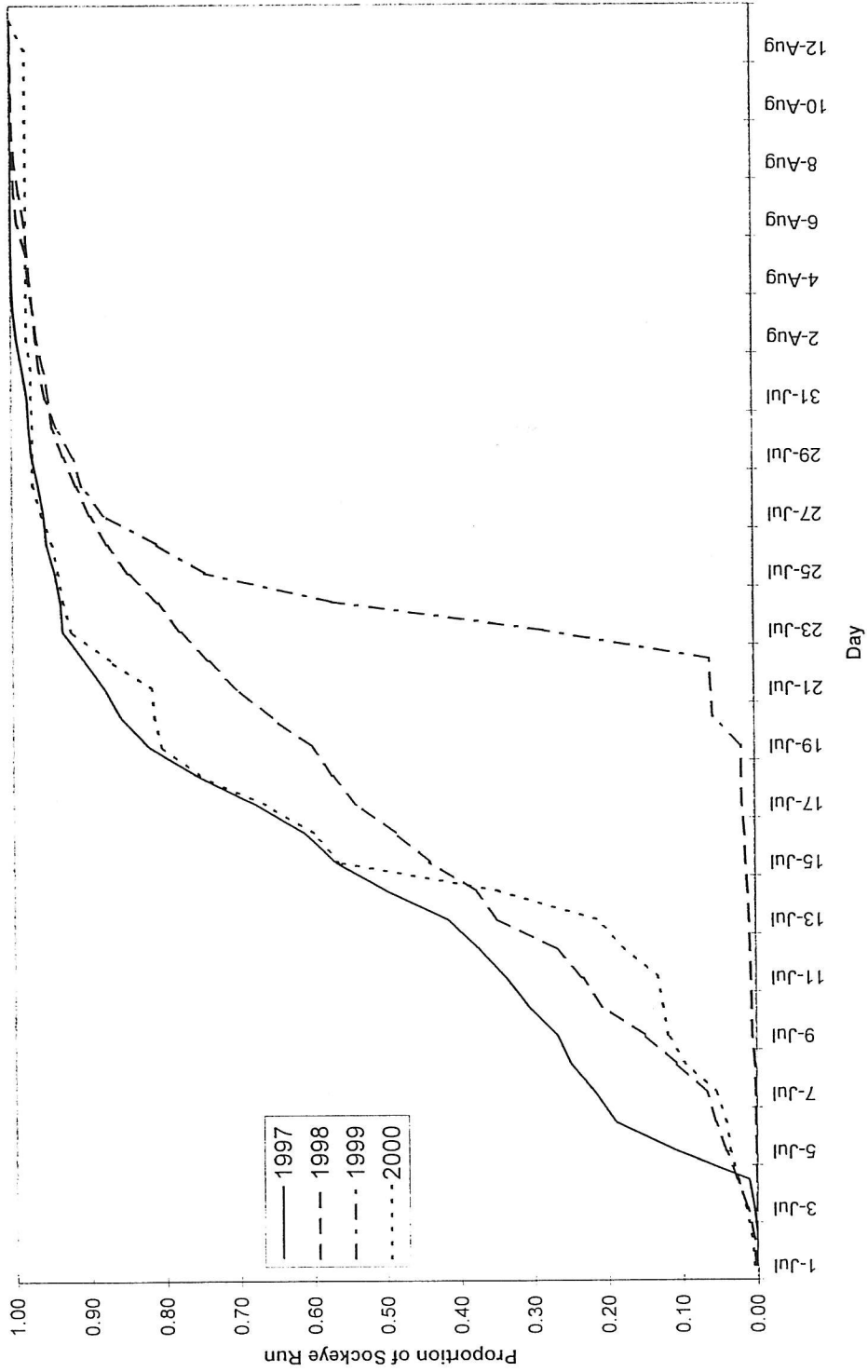


Figure 3. Cumulative sockeye run timing curves past the Docee Fence, 1997-2000.