Salmonid Catch-Data from Campbell River and Discovery Passage, 1985

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ABSTRACT

Brown, T. J., M. Kotyk, B. A. Kask, C. D. Levings, C. D. McAllister, and J. S. Macdonald. 1985. Salmonid catch-data from Campbell River and Discovery Passage, 1985. Can. Data Rep. Fish. Aquat. Sci. 554: 77 p.

The salmonid catch data was obtained by beach seining at 42 sites during 13 trips to Campbell River from January to August 1985. During the 1985 season, 924 sets were made and 108,317 salmonids were identified and counted. This report presents the data in order sorted by trip.

RESUME

Brown, T. J., M. Kotyk, B. A. Kask, C. D. Levings, C. D. McAllister, and J. S. Macdonald. 1985. Salmonid catch-data from Campbell River and Discovery Passage, 1985. Can. Data Rep. Fish. Aquat. Sci. 554: 77 p.

Des données sur les prises de saumons ont été obtenues par pêche à la senne de rivage à 42 endroits dans le cadre de 13 expéditions à la rivière Campbell, de janvier à août 1985. Au cours de la saison de 1985, il y a eu 924 mises à l'eau et 108 317 saumons ont été identifiés et comptés. Ce rapport présente les données classées en ordre, par expédition.

LIST OF TABLES

LIST OF FIGURES

INTRODUCTION

The data on the 1985 catches of juvenile salmonids from the Campbell River estuary and Discovery Passage are reported here. This study was initiated in March of 1982 to assess the utilization by juvenile salmonids of the 4 intertidal islands constructed in the Campbell River estuary. These islands were constructed by British Columbia Forest Products in exchange for a dry land log sort facility (Brownlee et al. 1984). The islands were planted with marsh grasses (Juncus arcticus and Carex lyngbei) to augment the marsh input to the estuarine food webs.

The beach seine surveys were also used to provide data on the dispersal of marked hatchery chinook released into the river, estuary, transition and marine zones. These experiments were designed to compare the survival of juvenile chinook salmon released into different habitats (Levings et al. 1984). The beach seine surveys have been conducted yearly since 1982 and are reported in Brown et al. 1983, 1984a, b.

MATERIALS AND METHODS

The sampling was carried out in 3 zones. The estuarine zone was defined as the area bounded by Tyee Spit. The transition zone included an area of Discovery Passage which is influenced by the Campbell River and the marine zone included the rest of Discovery Passage and Seymour Narrows.

Thirteen trips to the Campbell River estuary and Discovery Passage were made from January to August 1985 (Table 1). The fish were caught using a 13.7 m beach seine with 4.6 m wings (1 cm stretched mesh), 4.6 m bunt (0.6 cm stretched mesh) and 3 m depth.

There were 18 stations in the estuary, 6 in the transition and 18 in the marine zones (Figs. 1, 2; Table 2). Duplicate sets were made at each station with the use of a 5 m inflatable boat except for the stations on islands 1 and 3. These were sites where grooves were seined and replicates were not required.

The catches were held in the bunt of the net where counting and subsampling occurred. The salmon species and groups (hatchery, wild, marked and unknown) (Table 3) were identified and counted. If the catch was too large then a subsample was placed in a floating pen and the appropriate correction factor applied to the counts. The sampled fish were preserved in 10% formalin for length, weight and stomach analysis. The coded wire tags were read to determine the release origin, residency and growth rate of hatchery fish (Kotyk et al. a, b, in prep.).

The temperature and salinity were taken using a Beckman RS-5 salinometer. The minutes to nearest slack water and tide heights were calculated for each set using the "Canadian Tide and Current Tables" for Campbell River.

RESULTS

There were 924 sets made during the 13 sampling trips to Campbell River in 1985. These sets caught 108,317 salmonids of which 42,853 were juvenile chinook. The 1985 catch data is presented in Table 4.

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Table 1. Sampling periods in 1985.

Trip No.	Date
1	Jan 8-9
2	Mar 26-28
3	Apr 9-12
4	Apr 22-26
5	May 7-10
6	May 21-24
7	Jun 4-6
8	Jun 18-20
9	Jul 2-4
10	Jul 16-18
11	Jul 29-31
12	Aug 13-15
13	Aug 27-29

Table 2. Station descriptions and habitat types.

Station designation (number, vernacular)	Description, habitat
1 (M. Ramp)	Beside Coval Air seaplane ramp, west side of Tyee Spit; sand, marsh at high elevation; moderate slope.
2 (Nunns Is.)	Southeast tip of Nunns Island; sand/mud, marsh at high elevation; moderate slope.
3 (Nunns Creek)	Southwest side of Nunns Creek mouth; marsh; very steep drop-off.
4 (Spit)	Northwest tip of Tyee Spit; gravel; very steep drop-off.
5 (Bar)	Sand/gravel bar on north side of river mouth channel; eelgrass at lower elevations; moderate drop-off. Exposed when tide levels <est. 2 m.
6 (Bulkhead)	Gravel beach by wooden bulkhead, west side of Campbell River; moderate drop-off.
7 (NBM)	South shore of north arm of Baikie's Slough at confluence with Campbell River; marsh at higher elevations, eelgrass at lower elevations;moderate drop-off.
8 (NBS)	North shore of north arm of Baikie's Slough at confluence with channel leading to Freshwater Marina; marsh at higher elevations, mud-wood debris at lower elevations; moderate drop-off.
10 (SBM)	South shore of south arm of Baikie's Slough at confluence with Campbell River sand, moderate drop-off.
11 (Is. No. 1)	Bay on island no. 1; transplanted marsh at higher elevations; mud/wood debris at lower elevations; shallow slope.
111 (Grass Is.)	North side of Natural island south of island no. 1; sand/mud marsh at higher elevation; steep drop for 1 m then moderate slope.
14 (Is. No. 3, M.R.)	Experimental tidal groove in Is. no. 3; middle groove on river side; transplanted marsh at higher elevations; gravel, mud/wood/ algae at lower elevations; moderate slope.

Table 2 (cont'd)

Station designation (number, vernacular)	Description, habitat
141 (Is. No. 3, U.R.)	Experimental tidal groove on Is. No. 3; upstream groove on river side; transplanted marsh at higher elevations; gravel, mud/wood/algae at lower elevations; steep slope.
15 (Is. No. 3, M.S.)	Experimental tidal groove on Is. No. 3; middle groove on Spit side; transplanted marsh at higher elevations; gravel, mud/wood/algae at lower elevations; moderate slope.
151 (Is. No. 3, U.S.)	Experimental tidal groove on Is. No. 3; upstream groove on Spit side transplanted marsh at higher elevations; gravel, mud/wood/algae at lower elevations; moderate slope.
16 (Is. No. 3, L.R.)	Experimental tidal groove on Is. No. 3; downstream groove, river side; mud/wood/algae at lower elevations; moderate shallow slope.
17 (Is. No. 3, L.S.)	Experimental tidal groove on Is. No. 3; downstream groove, Spit side; gravel, mud/wood/algae at lower elevations, moderate shallow slope.
18	Southwest side of Is. No. 4; gravel; mud/wood debris at lower elevations; shallow slope.
20 (Boat Ramp)	Next to boat launch ramp on east side of Tyee Spit; gravel/cobble beach; moderate slope.
21 (McDonald's)	Est. 200 m north of ferry dock; Campbell River, gravel/cobble; moderate slope. Exposed on tide levels <2 m; adjacent to rip-rap.
23 (Middle Point)	Est. 700 m south of Middle Point; sand with boulders in lower elevations; inside a kelp bed; shallow slope.
24 (Nymphe Cove)	Small cove in west side of southern entrance to Seymour Narrows; gravel with boulders in lower elevations; inside a kelp bed; steep slope; sand flat with eelgrass on west beach.
241 (Menzies II)	Northeast corner of Menzies Bay, cobble beach, shallow slope with log booms adjacent.

Table 2 (Cont'd)

Station designation (number, vernacular)	Description, habitat
25 (Maude Beach)	Beach est. 1.5 km southeast of entrance to Saltwater Lagoon; gravel in higher elevations, mud, eelgrass in lower elevation, kelp bed; shallow slope.
26 (Quadra)	Beach in front of Walcan Cannery; cobble/boulder; eelgrass, kelp beds; moderate to steep slope.
27 (Outer Gowlland)	Beach on southwest side of Gowlland Island; cobble/boulder; kelp beds; moderate slope.
28 (Inner Gowlland)	Beach in small cove at south entrance to Gowlland Harbour; cobble, with some boulders; high sea cucumber/sea urchin populations; moderate to shallow slope with steep drop-off.
292 (Unkak Cove)	Cove at north end of Quathiaski Cove; sand/mud; eelgrass patches; shallow slope.
30 (Brown Bay)	Small bay at northwest entrance to Seymour Narrows; approximately 500 m south of Browns Bay; high density kelp bed; cobble with boulders at low elevations; moderate to steep slope.
31 (Plumper Bay)	Beach immediately southeast of rocky cliffs on north side of Plumper Bay; gravel in higher elevation, mud, eelgrass in lower elevation, kelp bed; moderate slope.
32 (Deepwater Bay)	Beach in southeast corner of Deepwater Bay; gravel/sand beach with small freshwater drainage; shallow slope.
34 (Painter's Channel)	Eastern shore on a channel near Painter's Lodge exposed on tides <2 m; mud/sand with eelgrass in lower elevation; shallow slope.
35 (Outer Bar)	Beach approximately 100 m north of Station 5; sand/gravel bar, eelgrass at lower elevation; moderate slope with steep drop-off. Exposed on tides <2 m.
37 (Log Sort)	Within bay of B.C. Forest Products log sorting area; log booms; rip-rap; steep slope.
47 (Fred's Slough)	Small beach on channel south of Baikie's Slough; overgrown with willows; wood debris, backing onto Raven Lumber sorting yard; shallow slope.

Table 2 (cont'd)

Station designation (number, vernacular)	Description, habitat
321 (Old DWB)	Beach at old log dump site on east side of Deepwater Bay, sand/cobble; moderate slope.
322 (Sea Lion Cove)	Beach in southwest corner of Deepwater Bay; gravel/ sand beach; shallow slope; eelgrass at lower elevation.
324 (Station C)	A small sand beach at Bodega point; moderate slope.
326 (Station F)	A cobble beach 100 m north of McMullen Point, moderate slope.
327 (Station G)	A sand beach 1.25 km south of McMullen Point with a small freshwater drainage; moderate slope.
328 (Station H)	A cobble beach 2 km north of Browns Bay; small freshwater drainage, kelp bed and moderate slope.
329 (Station D)	A small cobble beach on the Chained Islands in Kanish Bay; moderate slope.

Table 3. Table abbreviations.

Trip number	-corresponds to the consecutive sampling trips from January to August 1985 (see Table 1)
Date (year, month, day)	-the catch data are arranged in chronological order except for trip 4 when two beach seines were used.
Time-PST	-the time each set was made in Pacific Standard Time
SN	-station number (see Fig. 1, 2 and Table 2)
Haul	-each set is progressively numbered by station for each trip
Total sets	-the maximum number of hauls for each station on each trip
Tide type	-1 = ebb; 2 = flood
Min to slack	-minutes to nearest slack water
Temp.	-temperature (°C)
Sal.	-salinity (°/₀₀)
Species code	-1 - pink salmon 2 - chum salmon 3 - coho salmon 4 - sockeye salmon 5 - chinook salmon 6 - cutthroat trout 7 - steelhead trout 8 - unidentified
Group code	-1 - marked (CWT) - adipose fin clip 2 - unmarked hatchery - distinguished from the wild population early in the year by size 3 - wild - distinguished from the hatchery fish by size 4 - not specified. This group is used when the wild fish and unmarked hatchery fish are non-distinguishable by size
Stage code	-1 - alevin 2 - fingerling 3 - fry 4 - smolt 5 - grilse 6 - adult (blank) missing data

Table 3 (cont'd)

Catch	-the total catch by species and group
Tide height meters	-the tide height in meters at the time of each set

Table 4. Campbell River - 1985 - Catch Data.

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
1	85	1	8	1910	47	1	4	1	-155	3.1	0.0					3.1
1	85	1	8	1915	47	2	4	1	-160	3.1	0.0					3.1
1	85	1	8	1925	10	1	4	1	-170	3.0	0.6					3.0
1	85	1	8	1930	10	2	4	1	-175	3.0	0.6					3.0
1	85	1	8	1940	7	1	6	1	-185	2.9	1.8					2.9
1	85	1	8	1942	7	2	6	1	-187	2.9	1.8					2.9
1	85	1	8	2000	151	1	1	1	-205	3.1	1.3					2.8
1	85	1	8	2003	141	1	1	1	-208							2.8
1	85	1	8	2010	14	1	1	1	-215							2.7
1	85	1	8	2015	15	1	1	1	-220	3.1	1.3					2.6
1	85	1	8	2020	16	1	1	1	-225							2.5
1	85	1	8	2025	17	1	1	1	-230	3.1	1.3					2.4
1	85	1	8	2100	1	1	4	1	205	3.5	3.8					2.2
1	85	1	8	2105	1	2	4	1	200	3.5	3.8					2.1
1	85	1	8	2115	2	1	4	1	190	3.9	4.5					2.0
1	85	1	8	2120	2	2	4	1	185	3.9	4.5					1.9
1	85	1	8	2125	3	1	4	1	180	3.1	4.2					1.8
1	85	1	8	2130	3	2	4	1	175	3.1	4.2					1.8
1	85	1	8	2140	4	1	4	1	165	3.1	0.9					1.7
1	85	1	8	2147	4	2	4	1	158	3.1	0.9					1.6
1	85	1	8	2200	20	1	2	1	145	7.1	31.0					1.5
1	85	1	8	2210	20	2	2	1	135	7.1	31.0					1.4
1	85	1	9	1900	47	3	4	1	-90	2.9	1.3					3.7
1	85	1	9	1905	47	4	4	1	-95	2.9	1.3					3.6
1	85	1	9	1910	10	3	4	1	-100	2.9	0.2					3.6
1	85	1	9	1912	10	4	4	1	-102	2.9	0.2					3.6
1	85	1	9	1920	7	3	6	1	-110	3.2	1.3					3.5
1	85	1	9	1925	7	4	6	1	-115	3.2	1.3					3.4
1	85	1	9	1930	8	1	2	1	-120	3.1	1.4					3.3
1	85	1	9	1935	8	2	2	1	-125	3.1	1.4					3.3
1	85	1	9	1955	6	1	2	1	-145	2.9	0.6					3.2
1	85	1	9	2000	6	2	2	1	-150	2.9	0.6					3.1
1	85	1	9	2005	18	1	2	1	-155	3.4	3.2					3.0
1	85	1	9	2010	18	2	2	1	-160	3.4	3.2					3.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
1	85	1	9	2020	11	1	1	1	-170	3.2	4.0					2.9
1	85	1	9	2040	111	1	2	1	-190	3.2	3.9					2.8
1	85	1	9	2045	111	2	2	1	-195	3.2	3.9					2.7
1	85	1	9	2050	3	3	4	1	-200	3.1	3.8					2.7
1	85	1	9	2055	3	4	4	1	-205	3.1	3.8					2.6
1	85	1	9	2100	2	3	4	1	-210	3.1	2.6					2.5
1	85	1	9	2103	2	4	4	1	-213	3.1	2.6					2.5
1	85	1	9	2105	1	3	4	1	-215	3.3	2.6					2.4
1	85	1	9	2110	1	4	4	1	-220	3.3	2.6					2.4
1	85	1	9	2115	4	3	4	1	-225	3.2	2.5					2.3
1	85	1	9	2120	4	4	4	1	-230	3.2	2.5					2.3
1	85	1	9	2135	7	5	6	1	-245	3.1	1.6					2.2
1	85	1	9	2140	7	6	6	1	-250	3.1	1.6					2.2
2	85	3	27	0935	47	1	4	1	-140	4.1	0.4					3.3
2	85	3	27	0940	47	2	4	1	-145	4.1	0.4					3.3
2	85	3	27	0950	10	1	4	1	-155	4.0	0.8					3.2
2	85	3	27	0955	10	2	4	1	-160	4.0	0.8					3.2
2	85	3	27	1000	7	1	8	1	-165	4.2	1.8					3.1
2	85	3	27	1005	7	2	8	1	-170	4.2	1.8					3.1
2	85	3	27	1020	27	1	2	1	-185	7.5	32.0					3.0
2	85	3	27	1025	27	2	2	1	-190	7.5	32.0					3.0
2	85	3	27	1055	23	1	2	1	-220	7.8	32.1					2.8
2	85	3	27	1100	23	2	2	1	-225	7.8	32.1	1	4		1	2.8
2	85	3	27	1135	21	1	2	1	225	7.8	31.9					2.6
2	85	3	27	1140	21	2	2	1	220	7.8	31.9					2.6
2	85	3	27	1345	7	3	8	1	215	4.9	2.4					1.8
2	85	3	27	1350	7	4	8	1	210	4.9	2.4					1.8
2	85	3	27	1405	6	1	4	1	75	4.4	1.1					1.7
2	85	3	27	1410	6	2	4	1	70	4.4	1.1					1.7
2	85	3	27	1425	34	1	2	1	55	5.4	5.1					1.6
2	85	3	27	1430	34	2	2	1	50	5.4	5.1					1.6
2	85	3	27	1435	20	1	2	1	45	8.0	31.6					1.6
2	85	3	27	1440	20	2	2	1	40	8.0	31.6					1.6
2	85	3	27	1505	4	1	6	1	15	4.7	1.9					1.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
2	85	3	27	1510	4	2	6	1	10	4.7	1.9	2	3		1	1.5
2	85	3	27	1520	1	1	6	1	0	5.1	1.9					1.5
2	85	3	27	1525	1	2	6	2	-5	5.1	1.9					1.5
2	85	3	27	1530	2	1	4	2	-10	5.0	2.3					1.6
2	85	3	27	1535	2	2	4	2	-15	5.0	2.3					1.6
2	85	3	27	1540	3	1	2	2	-20	5.2	2.3					1.6
2	85	3	27	1545	3	2	2	2	-25	5.2	2.3					1.6
2	85	3	28	0925	47	3	4	1	-95	4.3	0.3					3.5
2	85	3	28	0930	47	4	4	1	-100	4.3	0.3					3.5
2	85	3	28	0940	10	3	4	1	-110	4.4	1.1					3.4
2	85	3	28	0945	10	4	4	1	-115	4.4	1.1					3.4
2	85	3	28	0950	7	5	8	1	-120	5.0	2.1					3.3
2	85	3	28	0955	7	6	8	1	-125	5.0	2.1	2	3		1	3.3
2	85	3	28	1000	8	1	2	1	-130	5.2	2.0					3.2
2	85	3	28	1005	8	2	2	1	-135	5.2	2.0					3.2
2	85	3	28	1010	6	3	4	1	-140	5.3	4.0					3.2
2	85	3	28	1015	6	4	4	1	-145	5.3	4.0					3.2
2	85	3	28	1020	4	3	6	1	-150	5.0	6.4					3.1
2	85	3	28	1025	4	4	6	1	-155	5.0	6.4					3.1
2	85	3	28	1030	1	3	6	1	-160	5.6	4.4					3.1
2	85	3	28	1035	1	4	6	1	-165	5.6	4.4	2	3		1	3.1
2	85	3	28	1040	2	3	4	1	-170	5.7	4.1	1	4		2	3.0
2	85	3	28	1045	2	4	4	1	-175	5.7	4.1	2	3		1	3.0
2	85	3	28	1055	11	1	1	1	-185	5.8	4.7	1	4		1	3.0
2	85	3	28	1100	111	1	2	1	-190	5.5	4.7	1	4		3	2.9
2	85	3	28	1105	111	2	2	1	-195	5.5	4.7	1	4		1	2.9
2	85	3	28	1115	18	1	2	1	-205	5.6	4.3					2.9
2	85	3	28	1120	18	2	2	1	-210	5.6	4.3					2.9
2	85	3	28	1130	151	1	1	1	-220	7.0	4.3	2	3		4	2.8
2	85	3	28	1135	141	1	1	1	-225	8.4	3.1					2.8
2	85	3	28	1140	14	1	1	1	-230	8.4	3.1					2.7
2	85	3	28	1145	15	1	1	1	-235	7.0	4.3	2	3		1	2.7
2	85	3	28	1150	16	1	1	1	-240	8.4	3.1	2	3		1	2.7
2	85	3	28	1155	17	1	1	1	-245	7.0	4.3	2	3		1	2.6

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
2	85	3	28	1210	7	7	8	1	235	5.8	2.1	2	3		1	2.6
2	85	3	28	1215	7	8	8	1	230	5.8	2.1					2.5
2	85	3	28	1225	4	5	6	1	220	5.7	4.6					2.5
2	85	3	28	1230	4	6	6	1	215	5.7	4.6					2.4
2	85	3	28	1235	1	5	6	1	210	7.3	5.3	1	4		3	2.4
2	85	3	28	1235	1	5	6	1	210	7.3	5.3	2	3		1	2.4
2	85	3	28	1240	1	6	6	1	205	7.3	5.3					2.4
3	85	4	10	1040	47	1	6	1	-205	8.2	0.0	3	3		12	2.7
3	85	4	10	1040	47	1	6	1	-205	8.2	0.0	2	3		11	2.7
3	85	4	10	1040	47	1	6	1	-205	8.2	0.0	5	3		10	2.7
3	85	4	10	1049	47	2	6	1	-214	8.2	0.0	5	3		2	2.6
3	85	4	10	1055	10	1	6	1	-220	8.2	1.7					2.6
3	85	4	10	1100	10	2	6	1	-225	8.2	1.7	5	3		1	2.6
3	85	4	10	1112	7	1	8	1	-237	8.3	2.2	1	4		7	2.5
3	85	4	10	1112	7	1	8	1	-237	8.3	2.2	2	3		34	2.5
3	85	4	10	1112	7	1	8	1	-237	8.3	2.2	5	3		4	2.5
3	85	4	10	1115	7	2	8	1	-240	8.3	2.2	1	4		1	2.5
3	85	4	10	1115	7	2	8	1	-240	8.3	2.2	2	3		4	2.5
3	85	4	10	1130	6	1	4	1	230							2.4
3	85	4	10	1135	6	2	4	1	225							2.4
3	85	4	10	1150	1	1	6	1	210			1	4		1	2.3
3	85	4	10	1150	1	1	6	1	210			2	3		1	2.3
3	85	4	10	1155	1	2	6	1	205							2.3
3	85	4	10	1200	2	1	4	1	200	8.8	9.8					2.1
3	85	4	10	1205	2	2	4	1	195	8.8	9.8					2.1
3	85	4	10	1208	3	1	2	1	192			1	4		1	2.1
3	85	4	10	1212	3	2	2	1	188							2.0
3	85	4	10	1220	37	1	4	1	180	9.0	15.1	1	4		16	2.0
3	85	4	10	1220	37	1	4	1	180	9.0	15.1	2	3		1	2.0
3	85	4	10	1225	37	2	4	1	175	9.0	15.1	1	4		6	1.9
3	85	4	10	1225	37	2	4	1	175	9.0	15.1	2	3		2	1.9
3	85	4	10	1225	37	2	4	1	175	9.0	15.1	3	3		1	1.9
3	85	4	10	1412	4	1	6	1	68							1.1
3	85	4	10	1415	4	2	6	1	65							1.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
3	85	4	10	1427	27	1	2	1	53	8.4	32.5					1.0
3	85	4	10	1430	27	2	2	1	50	8.4	32.5					1.0
3	85	4	10	1500	23	1	2	1	20	9.7	32.2	1	4		370	0.9
3	85	4	10	1500	23	1	2	1	20	9.7	32.2	2	3		63	0.9
3	85	4	10	1510	23	2	2	1	10	9.7	32.2	1	4		40	0.8
3	85	4	10	1510	23	2	2	1	10	9.7	32.2	2	3		9	0.8
3	85	4	10	1543	34	1	2	2	-23	11.1	10.6	1	4		1	0.8
3	85	4	10	1545	34	2	2	2	-25	11.1	10.6					0.8
3	85	4	10	1605	20	1	2	2	-45	8.5	29.3					0.9
3	85	4	10	1610	20	2	2	2	-50	8.5	29.3	1	4		1	0.9
3	85	4	10	1630	7	3	8	2	-70	8.7	2.5					0.9
3	85	4	10	1635	7	4	8	2	-75	8.7	2.5					1.0
3	85	4	11	0920	47	3	6	1	-80	5.8	0.5					1.0
3	85	4	11	0925	47	4	6	1	-85	5.8	0.5					3.5
3	85	4	11	0930	10	3	6	1	-90	5.8	1.0	1	4		2	3.5
3	85	4	11	0935	10	4	6	1	-95	5.8	1.0					3.5
3	85	4	11	0940	7	5	8	1	-100	6.6	2.3					3.4
3	85	4	11	0945	7	6	8	1	-105	6.6	2.3	1	4		1	3.4
3	85	4	11	0950	8	1	4	1	-110	6.6	2.6					3.3
3	85	4	11	0955	8	2	4	1	-115	6.6	2.6	1	4		1	3.3
3	85	4	11	1003	6	3	4	1	-123	6.8	3.7	1	4		13	3.3
3	85	4	11	1003	6	3	4	1	-123	6.8	3.7	2	3		2	3.3
3	85	4	11	1008	6	4	4	1	-128	6.8	3.7	1	4		1	3.2
3	85	4	11	1020	4	3	6	1	-140	7.2	8.6	1	4		2	3.1
3	85	4	11	1020	4	3	6	1	-140	7.2	8.6	2	3		7	3.1
3	85	4	11	1025	4	4	6	1	-145	7.2	8.6					3.1
3	85	4	11	1030	1	3	6	1	-150	7.2	7.8					3.1
3	85	4	11	1035	1	4	6	1	-155	7.2	7.8					3.1
3	85	4	11	1040	2	3	4	1	-160	7.2	9.5					3.0
3	85	4	11	1045	2	4	4	1	-165	7.2	9.5	1	4		1	3.0
3	85	4	11	1055	11	1	1	1	-175	7.2	8.5	1	4		1	2.9
3	85	4	11	1115	18	1	2	1	-195	7.0	7.1					2.8
3	85	4	11	1125	18	2	2	1	-205	7.0	7.1					2.8
3	85	4	11	1135	151	1	1	1	-215	7.4	7.2	2	3		2	2.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
3	85	4	11	1135	151	1	1	1	-215	7.4	7.2	1	4		1	2.7
3	85	4	11	1140	141	1	1	1	-220	6.8	5.1					2.7
3	85	4	11	1145	14	1	1	1	-225	6.8	5.1					2.6
3	85	4	11	1150	15	1	1	1	-230	7.4	7.2	2	3		1	2.6
3	85	4	11	1220	16	1	1	1	235	6.8	5.1	6	3		2	2.4
3	85	4	11	1225	17	1	1	1	230	7.4	7.2					2.4
3	85	4	12	0820	10	5	6	2	30	6.0	1.2	1	4		3	3.5
3	85	4	12	0825	10	6	6	2	25	6.0	1.2					3.5
3	85	4	12	0830	47	5	6	2	20	6.3	0.2	1	4		2	3.5
3	85	4	12	0845	47	6	6	2	5	6.3	0.2					3.5
3	85	4	12	0850	7	7	8	2	0	6.5	2.7					3.5
3	85	4	12	0855	7	8	8	1	-5	6.5	2.7	1	4		1	3.5
3	85	4	12	0900	8	3	4	1	-10	6.2	1.9					3.5
3	85	4	12	0903	8	4	4	1	-13	6.2	1.9					3.5
3	85	4	12	0915	4	5	6	1	-25	6.9	8.9	5	3		1	3.5
3	85	4	12	0915	4	5	6	1	-25	6.9	8.9	2	3		4	3.5
3	85	4	12	0920	4	6	6	1	-30	6.9	8.9					3.4
3	85	4	12	0925	1	5	6	1	-35	7.2	8.0	2	3		3	3.4
3	85	4	12	0930	1	6	6	1	-40	7.2	8.0	1	4		2	3.4
3	85	4	12	0940	37	3	4	1	-50	7.5	5.4	2	3		1	3.3
3	85	4	12	0945	37	4	4	1	-55	7.5	5.4	1	4		1	3.3
4	85	4	23	0840	21	1	2	1	-190	8.8	32.2					2.8
4	85	4	23	0845	21	2	2	1	-195	8.8	32.2	1	4		1	2.8
4	85	4	23	0845	21	2	2	1	-195	8.8	32.2	2	3		1	2.8
4	85	4	23	0900	47	1	9	1	-210	7.0	0.2	3	3		2	2.7
4	85	4	23	0900	47	1	9	1	-210	7.0	0.2	2	3		1	2.7
4	85	4	23	0905	47	2	9	1	-215	7.0	0.2	2	3		39	2.7
4	85	4	23	0905	47	2	9	1	-215	7.0	0.2	5	3		27	2.7
4	85	4	23	0905	47	2	9	1	-215	7.0	0.2	3	3		1	2.7
4	85	4	23	0910	47	3	9	1	-220	7.0	0.2	5	3		23	2.7
4	85	4	23	0910	47	3	9	1	-220	7.0	0.2	3	3		3	2.7
4	85	4	23	0910	47	3	9	1	-220	7.0	0.2	2	3		31	2.7
4	85	4	23	0915	47	4	9	1	-225	7.0	0.2	5	3		4	2.6
4	85	4	23	0915	47	4	9	1	-225	7.0	0.2	2	3		2	2.6

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
4	85	4	23	0920	47	5	9	1	-230	7.0	0.2	5	3		11	2.6
4	85	4	23	0920	47	5	9	1	-230	7.0	0.2	2	3		11	2.6
4	85	4	23	0920	47	5	9	1	-230	7.0	0.2	3	3		1	2.6
4	85	4	23	0920	47	5	9	1	-230	7.0	0.2	1	4		1	2.6
4	85	4	23	0930	7	1	11	1	220	7.1	2.7	5	3		4	2.5
4	85	4	23	0930	7	1	11	1	220	7.1	2.7	2	3		4	2.5
4	85	4	23	0935	7	2	11	1	215	7.1	2.7					2.5
4	85	4	23	0945	15	1	1	1	205	7.8	5.7	2	3		1	2.4
4	85	4	23	0950	14	1	1	1	200	7.4	4.5					2.4
4	85	4	23	0955	16	1	1	1	195	7.4	4.5	2	3		1	2.4
4	85	4	23	0955	16	1	1	1	195	7.4	4.5	5	3		1	2.4
4	85	4	23	1000	17	1	1	1	190	7.8	5.7	2	3		15	2.3
4	85	4	23	1000	17	1	1	1	190	7.8	5.7	5	3		5	2.3
4	85	4	23	1005	141	1	1	1	185	7.4	4.5	1	4		1	2.3
4	85	4	23	1010	151	1	1	1	180	7.8	5.7					2.2
4	85	4	23	1015	6	1	5	1	175	7.5	2.8	2	3		1	2.2
4	85	4	23	1020	6	2	5	1	170	7.5	2.8					2.1
4	85	4	23	1025	4	1	4	1	165	7.8	4.2	5	3		1	2.1
4	85	4	23	1030	4	2	4	1	160	7.8	4.2	5	3		1	2.0
4	85	4	23	1035	1	1	7	1	155	7.8	5.1	1	4		1	2.0
4	85	4	23	1035	1	1	7	1	155	7.8	5.1	2	3		1	2.0
4	85	4	23	1040	1	2	7	1	150	7.8	5.1	2	3		1	2.0
4	85	4	23	1040	1	2	7	1	150	7.8	5.1	1	4		1	2.0
4	85	4	23	1045	2	1	4	1	145	7.8	6.0					1.9
4	85	4	23	1050	2	2	4	1	140	7.8	6.0					1.9
4	85	4	23	1100	3	1	4	1	130	8.1	7.7					1.8
4	85	4	23	1105	3	2	4	1	125	8.1	7.7					1.8
4	85	4	24	1330	32	1	10	1	10			5	1		29	1.0
4	85	4	24	1330	32	1	10	1	10			2	3		6	1.0
4	85	4	24	1340	32	2	10	1	0			5	1		97	1.0
4	85	4	24	1340	32	2	10	1	0			2	3		12	1.0
4	85	4	24	1340	32	2	10	1	0			1	4		155	1.0
4	85	4	24	1355	32	3	10	2	-15			5	1		31	1.0
4	85	4	24	1355	32	3	10	2	-15			1	4		2	1.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
4	85	4	24	0955	7	5	11	1	225	7.7	1.8	2	3		1	2.4
4	85	4	24	1000	7	6	11	1	220	7.7	1.8	2	3		2	2.4
4	85	4	24	1020	1	3	7	1	200	8.1	4.4	2	3		19	2.3
4	85	4	24	1020	1	3	7	1	200	8.1	4.4	5	4	4	1	2.3
4	85	4	24	1020	1	3	7	1	200	8.1	4.4	3	3	4	3	2.3
4	85	4	24	1020	1	3	7	1	200	8.1	4.4	1	4		1	2.3
4	85	4	24	1020	1	3	7	1	200	8.1	4.4	3	3	3	2	2.3
4	85	4	24	1020	1	3	7	1	200	8.1	4.4	7	3		1	2.3
4	85	4	24	1030	1	4	7	1	190	8.1	4.4	2	3		127	2.2
4	85	4	24	1030	1	4	7	1	190	8.1	4.4	1	4		28	2.2
4	85	4	24	1030	1	4	7	1	190	8.1	4.4	3	3	3	6	2.2
4	85	4	24	1445	7	7	11	2	-65	7.5	1.8	5	3		4	1.1
4	85	4	24	1445	7	7	11	2	-65	7.5	1.8	2	3		3	1.1
4	85	4	24	1445	7	7	11	2	-65	7.5	1.8	3	3	3	3	1.1
4	85	4	24	1450	7	8	11	2	-70	7.5	1.8	7	3		4	1.2
4	85	4	24	1450	7	8	11	2	-70	7.5	1.8	5	3		1	1.2
4	85	4	24	1500	7	9	11	2	-80	7.5	1.8	3	3	3	57	1.3
4	85	4	24	1500	7	9	11	2	-80	7.5	1.8	5	3		24	1.3
4	85	4	24	1500	7	9	11	2	-80	7.5	1.8	2	3		35	1.3
4	85	4	24	1500	7	9	11	2	-80	7.5	1.8	1	4		4	1.3
4	85	4	24	1540	8	1	4	2	-120	8.9	2.6	5	3		43	1.6
4	85	4	24	1540	8	1	4	2	-120	8.9	2.6	2	3		40	1.6
4	85	4	24	1540	8	1	4	2	-120	8.9	2.6	3	3	3	11	1.6
4	85	4	24	1540	8	1	4	2	-120	8.9	2.6	1	4		5	1.6
4	85	4	24	1545	8	2	4	2	-125	8.9	2.6	5	3		50	1.7
4	85	4	24	1545	8	2	4	2	-125	8.9	2.6	5	1		1	1.7
4	85	4	24	1545	8	2	4	2	-125	8.9	2.6	2	3		37	1.7
4	85	4	24	1545	8	2	4	2	-125	8.9	2.6	3	3	3	8	1.7
4	85	4	24	1615	1	5	7	2	-155	6.9	0.8					1.8
4	85	4	25	0855	47	8	9	1	145	6.8	0.2	2	3		2	3.1
4	85	4	25	0855	47	8	9	1	145	6.8	0.2	5	3		1	3.1
4	85	4	25	0855	47	8	9	1	145	6.8	0.2	1	4		1	3.1
4	85	4	25	0900	47	9	9	1	150	6.8	0.2	2	3		3	3.0
4	85	4	25	0904	10	1	2	1	154	7.0	0.5	5	3		1	3.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
4	85	4	25	0907	10	2	2	1	157	7.0	0.5	1	4		1	2.9
4	85	4	25	0913	7	10	11	1	163	7.0	1.8	5	3		2	2.9
4	85	4	25	0916	7	11	11	1	166	7.0	1.8	5	3		6	2.9
4	85	4	25	0916	7	11	11	1	166	7.0	1.8	2	3		6	2.9
4	85	4	25	0927	8	3	4	1	177	7.2	2.3	5	1		1	2.8
4	85	4	25	0927	8	3	4	1	177	7.2	2.3	2	3		2	2.8
4	85	4	25	0931	8	4	4	1	181	7.2	2.3					2.8
4	85	4	25	0940	6	3	5	1	190	7.2	2.3	2	3		1	2.7
4	85	4	25	0943	6	4	5	1	193	7.2	2.3	2	3		1	2.7
4	85	4	25	0947	6	5	5	1	197	7.2	2.3					2.7
4	85	4	25	0957	4	3	4	1	207	7.0	6.5					2.6
4	85	4	25	1000	4	4	4	1	210	7.0	6.5	2	3		25	2.6
4	85	4	25	1000	4	4	4	1	210	7.0	6.5	1	4		5	2.6
4	85	4	25	1000	4	4	4	1	210	7.0	6.5	5	3		1	2.6
4	85	4	25	1010	1	6	7	1	220	7.3	4.9	5	1		10	2.5
4	85	4	25	1010	1	6	7	1	220	7.3	4.9	3	3	4	1	2.5
4	85	4	25	1010	1	6	7	1	220	7.3	4.9	1	4		2	2.5
4	85	4	25	1010	1	6	7	1	220	7.3	4.9	2	3		14	2.5
4	85	4	25	1010	1	6	7	1	220	7.3	4.9	5	3		2	2.5
4	85	4	25	1015	1	7	7	1	225	7.3	4.9	1	4		1	2.5
4	85	4	25	1015	1	7	7	1	225	7.3	4.9	2	3		4	2.5
4	85	4	25	1023	2	3	4	1	233	7.7	5.9					2.4
4	85	4	25	1026	2	4	4	1	236	7.7	5.9					2.4
4	85	4	25	1033	3	3	4	1	-232	7.3	5.9					2.4
4	85	4	25	1035	3	4	4	1	-230	7.3	5.9	5	1		14	2.4
4	85	4	25	1120	34	1	2	1	-185	8.7	5.3	5	1		1	2.2
4	85	4	25	1128	34	2	2	1	-177	8.7	5.3					2.1
4	85	4	25	1345	23	1	2	1	-40	9.2	32.0	2	3		171	1.3
4	85	4	25	1345	23	1	2	1	-40	9.2	32.0	1	4		572	1.3
4	85	4	25	1410	23	2	2	1	-15	9.2	32.0	1	4		3	1.1
4	85	4	25	1420	26	1	1	1	-5	9.2	30.7	1	4		1	1.1
4	85	4	25	1420	26	1	1	1	-5	9.2	30.7	2	3		1	1.1
4	85	4	25	1610	20	1	1	2	105	8.6	29.2					1.5
5	85	5	8	1240	7	1	6	1	70	10.2	3.9	5	1		4	0.9

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
5	85	5	8	1240	7	1	6	1	70	10.2	3.9	5	3		40	0.9
5	85	5	8	1240	7	1	6	1	70	10.2	3.9	2	3		30	0.9
5	85	5	8	1240	7	1	6	1	70	10.2	3.9	3	4	4	2	0.9
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	5	1		20	0.7
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	3	2		4	0.7
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	3	3	3	1	0.7
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	5	3		6	0.7
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	2	3		6	0.7
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	7	3		1	0.7
5	85	5	8	1300	7	2	6	1	50	10.2	3.9	7	1		1	0.7
5	85	5	8	1335	21	1	4	1	15	12.1	30.1					0.5
5	85	5	8	1340	21	2	4	1	10	12.1	30.1	2	3		1	0.4
5	85	5	8	1350	292	1	4	2	0	14.1	31.9	2	3		2	0.4
5	85	5	8	1400	292	2	4	2	-10	14.1	31.9					0.4
5	85	5	8	1415	28	1	4	2	-25	9.5	32.2					0.4
5	85	5	8	1420	28	2	4	2	-30	9.5	32.2					0.5
5	85	5	8	1425	27	1	4	2	-35	11.1	30.8	2	3		581	0.5
5	85	5	8	1425	27	1	4	2	-35	11.1	30.8	1	4		92	0.6
5	85	5	8	1440	27	2	4	2	-50	11.1	30.8	2	3		101	0.6
5	85	5	8	1440	27	2	4	2	-50	11.1	30.8	1	4		11	0.6
5	85	5	8	1450	35	1	2	2	-60	9.7	31.2	2	3		9	0.7
5	85	5	8	1450	35	1	2	2	-60	9.7	31.2	1	4		346	0.7
5	85	5	8	1505	35	2	2	2	-75	9.7	31.2	2	3		5	0.7
5	85	5	8	1505	35	2	2	2	-75	9.7	31.2	5	3		2	0.8
5	85	5	8	1505	35	2	2	2	-75	9.7	31.2	1	4		80	0.8
5	85	5	8	1525	20	1	4	2	-95	9.4	31.8	2	3		258	1.0
5	85	5	8	1525	20	1	4	2	-95	9.4	31.8	1	4		354	1.0
5	85	5	8	1535	20	2	4	2	-105	9.4	31.8	2	3		27	1.2
5	85	5	8	1535	20	2	4	2	-105	9.4	31.8	1	4		297	1.2
5	85	5	8	1600	34	1	4	2	-130	14.8	13.0	2	3		20	1.4
5	85	5	8	1600	34	1	4	2	-130	14.8	13.0	1	4		2	1.4
5	85	5	8	1605	34	2	4	2	-135	14.8	13.0	5	1		1	1.4
5	85	5	8	1605	34	2	4	2	-135	14.8	13.0	2	3		7	1.4
5	85	5	8	1605	34	2	4	2	-135	14.8	13.0	5	3		2	1.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
5	85	5	8	1620	4	1	4	2	-155	10.4	1.3	5	3		4	1.6
5	85	5	8	1620	4	1	4	2	-155	10.4	1.3	2	3		29	1.6
5	85	5	8	1620	4	1	4	2	-155	10.4	1.3	1	4		85	1.6
5	85	5	8	1630	4	2	4	2	-165	10.4	1.3	2	3		124	1.7
5	85	5	8	1630	4	2	4	2	-165	10.4	1.3	1	4		2528	1.7
5	85	5	8	1630	4	2	4	2	-165	10.4	1.3	5	3		13	1.7
5	85	5	8	1650	16	1	1	2	-180	11.9	2.5	2	3		72	1.8
5	85	5	8	1650	16	1	1	2	-180	11.9	2.5	5	3		18	1.8
5	85	5	8	1650	16	1	1	2	-180	11.9	2.5	1	4		18	1.8
5	85	5	8	1655	17	1	1	2	-185	13.5	3.0	2	3		26	1.9
5	85	5	8	1655	17	1	1	2	-185	13.5	3.0	5	3		15	1.9
5	85	5	8	1705	15	1	1	2	-195	11.9	2.5	2	3		2	2.0
5	85	5	8	1710	14	1	1	2	-200	13.5	3.0	2	3		14	2.1
5	85	5	8	1710	14	1	1	2	-200	13.5	3.0	5	3		15	2.1
5	85	5	8	1710	14	1	1	2	-200	13.5	3.0	1	4		2	2.1
5	85	5	8	1715	141	1	1	2	-205	13.5	3.0	5	3		35	2.2
5	85	5	8	1715	141	1	1	2	-205	13.5	3.0	2	3		7	2.2
5	85	5	8	1720	151	1	1	2	-210	11.9	2.5	5	3		9	2.2
5	85	5	8	1720	151	1	1	2	-210	11.9	2.5	2	3		13	2.2
5	85	5	8	1730	18	1	2	2	215	13.2	2.7	5	3		34	2.3
5	85	5	8	1730	18	1	2	2	215	13.2	2.7	2	3		38	2.3
5	85	5	8	1730	18	1	2	2	215	13.2	2.7	1	4		13	2.3
5	85	5	8	1735	18	2	2	2	210	13.2	2.7	5	3		20	2.3
5	85	5	8	1735	18	2	2	2	210	13.2	2.7	2	3		23	2.3
5	85	5	8	1735	18	2	2	2	210	13.2	2.7	1	4		7	2.3
5	85	5	8	1750	11	1	1	2	95	11.1	5.7					2.4
5	85	5	9	0730	47	1	2	1	-50	7.7	0.2					3.6
5	85	5	9	0735	47	2	2	1	-55	7.7	0.2					3.6
5	85	5	9	0740	10	1	2	1	-60	7.5	0.8					3.6
5	85	5	9	0742	10	2	2	1	-62	7.5	0.8					3.6
5	85	5	9	0745	7	3	6	1	-65	8.2	2.6	2	3		1	3.6
5	85	5	9	0748	7	4	6	1	-68	8.2	2.6	5	3		22	3.6
5	85	5	9	0748	7	4	6	1	-68	8.2	2.6	2	3		3	3.6
5	85	5	9	0750	8	1	2	1	-70	8.3	2.6	5	1		41	3.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
5	85	5	9	0750	8	1	2	1	-70	8.3	2.6	5	3		3	3.5
5	85	5	9	0750	8	1	2	1	-70	8.3	2.6	2	3		19	3.5
5	85	5	9	0750	8	1	2	1	-70	8.3	2.6	3	2		1	3.5
5	85	5	9	0755	8	2	2	1	-75	8.3	2.6	5	3		32	3.5
5	85	5	9	0755	8	2	2	1	-75	8.3	2.6	5	1		1	3.5
5	85	5	9	0755	8	2	2	1	-75	8.3	2.6	2	3		56	3.5
5	85	5	9	0810	6	1	2	1	-90	8.4	5.2	5	3		45	3.4
5	85	5	9	0810	6	1	2	1	-90	8.4	5.2	5	1		16	3.4
5	85	5	9	0810	6	1	2	1	-90	8.4	5.2	3	2		2	3.4
5	85	5	9	0810	6	1	2	1	-90	8.4	5.2	2	3		5	3.4
5	85	5	9	0815	6	2	2	1	-95	8.4	5.2	5	3		16	3.4
5	85	5	9	0815	6	2	2	1	-95	8.4	5.2	2	3		12	3.3
5	85	5	9	0815	6	2	2	1	-95	8.4	5.2	5	1		3	3.3
5	85	5	9	0855	32	1	2	1	-135	8.8	32.0	2	3		56	3.0
5	85	5	9	0855	32	1	2	1	-135	8.8	32.0	1	4		1	3.0
5	85	5	9	0900	32	2	2	1	-140	8.8	32.0	2	3		9	3.0
5	85	5	9	0900	32	2	2	1	-140	8.8	32.0	1	4		2	3.0
5	85	5	9	0910	322	1	2	1	-150	8.7	32.2	2	3		52	2.9
5	85	5	9	0910	322	1	2	1	-150	8.7	32.2	1	4		15	2.9
5	85	5	9	0915	322	2	2	1	-155	8.7	32.2	2	3		10	2.8
5	85	5	9	0915	322	2	2	1	-155	8.7	32.2	1	4		1	2.8
5	85	5	9	0945	31	1	2	1	-185	9.1	32.0	2	3		724	2.7
5	85	5	9	0945	31	1	2	1	-185	9.1	32.0	1	4		917	2.7
5	85	5	9	1000	31	2	2	1	-200	9.1	32.0	2	3		228	2.6
5	85	5	9	1000	31	2	2	1	-200	9.1	32.0	1	4		102	2.6
5	85	5	9	1030	30	1	2	1	-230	10.2	30.8	2	3		2	2.4
5	85	5	9	1035	30	2	2	1	-235	10.2	30.8	2	3		309	2.4
5	85	5	9	1035	30	2	2	1	-235	10.2	30.8	1	4		72	2.4
5	85	5	9	1050	24	1	2	1	225	10.0	31.2					2.3
5	85	5	9	1055	24	2	2	1	220	10.0	31.2					2.2
5	85	5	9	1100	241	1	2	1	215	11.3	27.8	2	3		2	2.1
5	85	5	9	1105	241	2	2	1	215	11.3	27.8	2	3		19	2.1
5	85	5	9	1205	25	1	2	1	150	12.4	31.4	2	3		58	1.6
5	85	5	9	1205	25	1	2	1	150	12.4	31.4	1	4		45	1.6

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
5	85	5	9	1215	25	2	2	1	140	12.4	31.4	2	3		98	1.5
5	85	5	9	1215	25	2	2	1	140	12.4	31.4	1	4		40	1.5
5	85	5	9	1245	28	3	4	1	110	11.5	32.0	1	4		1	1.4
5	85	5	9	1250	28	4	4	1	105	11.5	32.0	1	4		1	1.4
5	85	5	9	1255	27	3	4	1	100	9.7	32.0	2	3		517	1.3
5	85	5	9	1255	27	3	4	1	100	9.7	32.0	1	4		130	1.2
5	85	5	9	1305	27	4	4	1	90	9.7	32.0	2	3		108	1.2
5	85	5	9	1305	27	4	4	1	90	9.7	32.0	1	4		30	1.2
5	85	5	9	1320	292	3	4	1	75	14.8	29.3	2	3		900	1.2
5	85	5	9	1320	292	3	4	1	75	14.8	29.3	1	4		5553	1.1
5	85	5	9	1330	292	4	4	1	65	14.8	29.3	2	3		176	1.0
5	85	5	9	1330	292	4	4	1	65	14.8	29.3	1	4		3542	1.0
5	85	5	9	1350	21	3	4	1	45	10.6	30.5	2	3		2	0.9
5	85	5	9	1355	21	4	4	1	40	10.6	30.5	5	3		1	0.9
5	85	5	9	1355	21	4	4	1	40	10.6	30.5	2	3		2	0.9
5	85	5	9	1400	20	3	4	1	35	10.8	30.1	2	3		15	0.8
5	85	5	9	1400	20	3	4	1	35	10.8	30.1	1	4		615	0.8
5	85	5	9	1400	20	3	4	1	35	10.8	30.1	5	3		1	0.8
5	85	5	9	1410	20	4	4	1	25	10.8	30.1	1	4		21	0.8
5	85	5	9	1420	5	1	2	1	15	10.7	7.8	5	1		1	0.7
5	85	5	9	1420	5	1	2	1	15	10.7	7.8	1	4		1	0.7
5	85	5	9	1420	5	1	2	1	15	10.7	7.8	5	3		2	0.7
5	85	5	9	1420	5	1	2	1	15	10.7	7.8	2	3		1	0.7
5	85	5	9	1425	5	2	2	1	10	10.7	7.8	1	4		1	0.7
5	85	5	9	1440	4	3	4	1	-5	9.5	1.0	2	3		600	0.7
5	85	5	9	1440	4	3	4	1	-5	9.5	1.0	1	4		4140	0.7
5	85	5	9	1440	4	3	4	1	-5	9.5	1.0	5	3		95	0.7
5	85	5	9	1455	4	4	4	2	-20	9.5	1.0	1	4		144	0.7
5	85	5	9	1455	4	4	4	2	-20	9.5	1.0	2	3		19	0.7
5	85	5	9	1455	4	4	4	2	-20	9.5	1.0	5	3		16	0.7
5	85	5	9	1505	1	1	2	2	-30	11.2	3.6	2	3		2590	0.7
5	85	5	9	1505	1	1	2	2	-30	11.2	3.6	1	4		395	0.7
5	85	5	9	1505	1	1	2	2	-30	11.2	3.6	5	3		35	0.7
5	85	5	9	1520	1	2	2	2	-45	11.2	3.6	2	3		19	0.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
5	85	5	9	1525	2	1	2	2	-50	11.3	10.0					0.8
5	85	5	9	1530	2	2	2	2	-55	11.3	10.0	5	3		14	0.8
5	85	5	9	1530	2	2	2	2	-55	11.3	10.0	2	3		3	0.8
5	85	5	9	1530	3	1	2	2	-55	10.7	18.0	1	4		2	0.8
5	85	5	9	1535	3	2	2	2	-60	10.7	18.0					0.9
5	85	5	9	1600	34	3	4	2	-95	14.1	15.2	5	3		5	1.0
5	85	5	9	1600	34	3	4	2	-95	14.1	15.2	2	3		19	1.0
5	85	5	9	1605	34	4	4	2	-100	14.1	15.2	5	1		1	1.1
5	85	5	9	1605	34	4	4	2	-100	14.1	15.2	2	3		19	1.1
5	85	5	9	1605	34	4	4	2	-100	14.1	15.2	1	4		3	1.1
5	85	5	9	1605	34	4	4	2	-100	14.1	15.2	5	3		3	1.1
5	85	5	9	1650	7	5	6	2	-145	9.9	2.8	5	3		91	1.4
5	85	5	9	1650	7	5	6	2	-145	9.9	2.8	2	3		33	1.4
5	85	5	9	1650	7	5	6	2	-145	9.9	2.8	3	3	3	1	1.4
5	85	5	9	1650	7	5	6	2	-145	9.9	2.8	3	2		1	1.4
5	85	5	9	1655	7	6	6	2	-150	9.9	2.8	5	1		8	1.5
5	85	5	9	1655	7	6	6	2	-150	9.9	2.8	3	2		3	1.5
5	85	5	9	1655	7	6	6	2	-150	9.9	2.8	5	3		98	1.5
5	85	5	9	1655	7	6	6	2	-150	9.9	2.8	2	3		23	1.5
5	85	5	9	1655	7	6	6	2	-150	9.9	2.8	1	4		1	1.5
6	85	5	22	0945	7	1	8	1	175	11.0	3.9	3	2		323	1.6
6	85	5	22	0945	7	1	8	1	175	11.0	3.9	3	1		9	1.6
6	85	5	22	0945	7	1	8	1	175	11.0	3.9	5	1		6	1.6
6	85	5	22	0945	7	1	8	1	175	11.0	3.9	5	3		44	1.6
6	85	5	22	0945	7	1	8	1	175	11.0	3.9	2	3		4	1.6
6	85	5	22	0945	7	1	8	1	175	11.0	3.9	6	3		1	1.6
6	85	5	22	1003	7	2	8	1	157	11.0	3.9	3	2		353	1.5
6	85	5	22	1003	7	2	8	1	157	11.0	3.9	3	1		6	1.5
6	85	5	22	1003	7	2	8	1	157	11.0	3.9	5	1		4	1.5
6	85	5	22	1003	7	2	8	1	157	11.0	3.9	5	3		38	1.5
6	85	5	22	1003	7	2	8	1	157	11.0	3.9	2	3		4	1.5
6	85	5	22	1225	6	1	2	2	15	9.5	2.5	5	3		18	0.7
6	85	5	22	1225	6	1	2	2	15	9.5	2.5	5	1		38	0.7
6	85	5	22	1225	6	1	2	2	15	9.5	2.5	3	2		298	0.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	22	1225	6	1	2	2	15	9.5	2.5	3	1		16	0.7
6	85	5	22	1232	6	2	2	2	8	9.5	2.5	3	2		9	0.7
6	85	5	22	1232	6	2	2	2	8	9.5	2.5	3	1		1	0.7
6	85	5	22	1232	6	2	2	2	8	9.5	2.5	5	3		1144	0.7
6	85	5	22	1232	6	2	2	2	8	9.5	2.5	5	1		7	0.7
6	85	5	22	1232	6	2	2	2	8	9.5	2.5	2	3		43	0.7
6	85	5	22	1255	4	1	4	2	-15	13.0	7.5	5	1		1	0.8
6	85	5	22	1255	4	1	4	2	-15	13.0	7.5	5	3		29	0.8
6	85	5	22	1255	4	1	4	2	-15	13.0	7.5	2	3		7	0.8
6	85	5	22	1255	4	1	4	2	-15	13.0	7.5	3	2		14	0.8
6	85	5	22	1305	4	2	4	2	-25	13.0	7.5	3	2		82	0.8
6	85	5	22	1305	4	2	4	2	-25	13.0	7.5	5	3		22	0.8
6	85	5	22	1305	4	2	4	2	-25	13.0	7.5	2	3		2	0.8
6	85	5	22	1305	4	2	4	2	-25	13.0	7.5	3	1		2	0.8
6	85	5	22	1305	4	2	4	2	-25	13.0	7.5	5	1		1	0.8
6	85	5	22	1320	5	1	4	2	-40	12.5	4.5	3	2		1458	1.0
6	85	5	22	1320	5	1	4	2	-40	12.5	4.5	5	3		7	1.0
6	85	5	22	1320	5	1	4	2	-40	12.5	4.5	3	1		27	1.0
6	85	5	22	1330	5	2	4	2	-50	12.5	4.5	5	3		11	1.0
6	85	5	22	1330	5	2	4	2	-50	12.5	4.5	3	2		128	1.0
6	85	5	22	1330	5	2	4	2	-50	12.5	4.5	3	1		6	1.0
6	85	5	22	1340	35	1	2	2	-60	10.0	27.0	3	2		120	1.0
6	85	5	22	1340	35	1	2	2	-60	10.0	27.0	3	1		4	1.0
6	85	5	22	1350	35	2	2	2	-70	10.0	27.0	3	2		94	1.1
6	85	5	22	1410	292	1	2	2	-90	10.0	28.0	1	4		5739	1.3
6	85	5	22	1410	292	1	2	2	-90	10.0	28.0	2	3		207	1.3
6	85	5	22	1425	292	2	2	2	-105	10.0	28.0	3	1		1	1.4
6	85	5	22	1425	292	2	2	2	-105	10.0	28.0	3	2		62	1.4
6	85	5	22	1425	292	2	2	2	-105	10.0	28.0	1	4		2	1.4
6	85	5	22	1425	292	2	2	2	-105	10.0	28.0	5	1		8	1.4
6	85	5	22	1425	292	2	2	2	-105	10.0	28.0	2	3		1	1.4
6	85	5	22	1440	27	1	4	2	-120	12.0	27.0	1	4		1	1.5
6	85	5	22	1440	27	1	4	2	-120	12.0	27.0	2	3		1	1.5
6	85	5	22	1445	27	2	4	2	-125	12.0	27.0					1.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	22	1500	34	1	2	2	-140	13.5	29.0	6	3		1	1.7
6	85	5	22	1500	34	1	2	2	-140	13.5	29.0	3	2		36	1.7
6	85	5	22	1500	34	1	2	2	-140	13.5	29.0	5	3		11	1.7
6	85	5	22	1500	34	1	2	2	-140	13.5	29.0	2	3		1	1.7
6	85	5	22	1500	34	1	2	2	-140	13.5	29.0	3	1		2	1.7
6	85	5	22	1510	34	2	2	2	-150	13.5	29.0	3	2		183	1.7
6	85	5	22	1510	34	2	2	2	-150	13.5	29.0	2	3		1	1.7
6	85	5	22	1510	34	2	2	2	-150	13.5	29.0	5	3		2	1.7
6	85	5	22	1510	34	2	2	2	-150	13.5	29.0	3	1		6	1.7
6	85	5	22	1510	34	2	2	2	-150	13.5	29.0	5	1		1	1.7
6	85	5	22	1525	1	1	4	2	-165	12.5	9.5	3	2		5	1.9
6	85	5	22	1525	1	1	4	2	-165	12.5	9.5	3	1		1	1.9
6	85	5	22	1525	1	1	4	2	-165	12.5	9.5	5	3		8	1.9
6	85	5	22	1530	1	2	4	2	-170	12.5	9.5	2	3		34	2.0
6	85	5	22	1530	1	2	4	2	-170	12.5	9.5	5	1		5	2.0
6	85	5	22	1530	1	2	4	2	-170	12.5	9.5	5	3		61	2.0
6	85	5	22	1545	2	1	4	2	-185	13.0	4.0	5	3		5	2.1
6	85	5	22	1550	2	2	4	2	-190	13.0	4.0	5	1		1	2.1
6	85	5	22	1550	2	2	4	2	-190	13.0	4.0	2	3		5	2.1
6	85	5	22	1550	2	2	4	2	-190	13.0	4.0	5	3		76	2.1
6	85	5	22	1555	3	1	4	2	-195	13.0	5.0	6	3		2	2.1
6	85	5	22	1555	3	1	4	2	-195	13.0	5.0	3	2		1	2.1
6	85	5	22	1555	3	1	4	2	-195	13.0	5.0	5	3		13	2.1
6	85	5	22	1555	3	1	4	2	-195	13.0	5.0	2	3		1	2.1
6	85	5	22	1600	3	2	4	2	-200	13.0	5.0					2.1
6	85	5	22	1615	17	1	1	2	-215	14.0	5.0	5	1		1	2.3
6	85	5	22	1615	17	1	1	2	-215	14.0	5.0	5	3		191	2.3
6	85	5	22	1615	17	1	1	2	-215	14.0	5.0	3	2		3	2.3
6	85	5	22	1615	17	1	1	2	-215	14.0	5.0	3	1		1	2.3
6	85	5	22	1615	17	1	1	2	-215	14.0	5.0	2	3		10	2.3
6	85	5	22	1615	17	1	1	2	-215	14.0	5.0	3	3		2	2.3
6	85	5	22	1625	16	1	1	2	220			5	3		242	2.4
6	85	5	22	1625	16	1	1	2	220			3	2		3	2.4
6	85	5	22	1625	16	1	1	2	220			2	3		19	2.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	22	1635	15	1	1	2	210	14.0	5.0	5	3		340	2.5
6	85	5	22	1635	15	1	1	2	210	14.0	5.0	2	3		52	2.5
6	85	5	22	1635	15	1	1	2	210	14.0	5.0	3	2		10	2.5
6	85	5	22	1635	15	1	1	2	210	14.0	5.0	5	1		10	2.5
6	85	5	22	1635	15	1	1	2	210	14.0	5.0	3	3		1	2.5
6	85	5	22	1650	14	1	1	2	195			3	2		4	2.6
6	85	5	22	1650	14	1	1	2	195			5	3		271	2.6
6	85	5	22	1650	14	1	1	2	195			2	3		28	2.6
6	85	5	22	1650	14	1	1	2	195			5	1		1	2.6
6	85	5	22	1700	141	1	1	2	185			5	3		20	2.7
6	85	5	22	1705	151	1	1	2	180	14.0	5.0	5	3		116	2.7
6	85	5	22	1705	151	1	1	2	180	14.0	5.0	2	3		4	2.7
6	85	5	22	1705	151	1	1	2	180	14.0	5.0	3	3		1	2.7
6	85	5	22	1710	18	1	2	2	175	12.0	3.0	5	3		7	2.7
6	85	5	22	1710	18	1	2	2	175	12.0	3.0	2	3		1	2.7
6	85	5	22	1710	18	1	2	2	175	12.0	3.0	3	2		21	2.7
6	85	5	22	1715	18	2	2	2	170	12.0	3.0	5	3		3	2.8
6	85	5	22	1735	11	1	2	2	150	11.5	10.0	3	2		30	2.9
6	85	5	22	1735	11	1	2	2	150	11.5	10.0	2	3		9	2.9
6	85	5	22	1735	11	1	2	2	150	11.5	10.0	5	3		149	2.9
6	85	5	22	1740	111	1	2	2	145	10.0	16.5	3	2		103	3.0
6	85	5	22	1740	111	1	2	2	145	10.0	16.5	3	1		1	3.0
6	85	5	22	1745	111	2	2	2	140	10.0	16.5	3	2		4	3.0
6	85	5	22	1745	111	2	2	2	140	10.0	16.5	5	3		1	3.0
6	85	5	22	1750	47	1	6	2	135	10.0	1.0	5	3		94	3.0
6	85	5	22	1750	47	1	6	2	135	10.0	1.0	2	3		2	3.0
6	85	5	22	1750	47	1	6	2	135	10.0	1.0	3	3		1	3.0
6	85	5	22	1755	47	2	6	2	130	10.0	1.0	5	3		119	3.1
6	85	5	22	1755	47	2	6	2	130	10.0	1.0	2	3		1	3.1
6	85	5	22	1800	7	3	8	2	125			6	3		1	3.1
6	85	5	22	1800	7	3	8	2	125			3	1		2	3.1
6	85	5	22	1800	7	3	8	2	125			3	2		24	3.1
6	85	5	22	1800	7	3	8	2	125			5	3		2	3.1
6	85	5	22	1805	7	4	8	2	120			3	2		113	3.2

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	22	1805	7	4	8	2	120			3	1		17	3.2
6	85	5	22	1805	7	4	8	2	120			5	1		4	3.2
6	85	5	23	0710	47	3	6	1	-110			3	1		1	3.0
6	85	5	23	0710	47	3	6	1	-110			2	3		1	3.0
6	85	5	23	0710	47	3	6	1	-110			3	2		6	3.0
6	85	5	23	0710	47	3	6	1	-110			5	3		9	3.0
6	85	5	23	0710	47	3	6	1	-110			3	4	6	1	3.0
6	85	5	23	0715	47	4	6	1	-115			5	3		38	3.0
6	85	5	23	0715	47	4	6	1	-115			3	2		1	3.0
6	85	5	23	0715	47	4	6	1	-115			2	3		1	3.0
6	85	5	23	0720	10	1	2	1	-120			5	3		28	3.0
6	85	5	23	0720	10	1	2	1	-120			2	3		5	3.0
6	85	5	23	0720	10	1	2	1	-120			3	3		2	3.0
6	85	5	23	0725	10	2	2	1	-125			5	3		3	2.9
6	85	5	23	0730	7	5	8	1	-130			3	2		846	2.9
6	85	5	23	0730	7	5	8	1	-130			5	3		12	2.9
6	85	5	23	0730	7	5	8	1	-130			3	1		27	2.9
6	85	5	23	0730	7	5	8	1	-130			5	1		6	2.9
6	85	5	23	0730	7	5	8	1	-130			7	1		3	2.9
6	85	5	23	0740	7	6	8	1	-140			3	2		783	2.8
6	85	5	23	0740	7	6	8	1	-140			5	1		3	2.8
6	85	5	23	0740	7	6	8	1	-140			3	1		17	2.8
6	85	5	23	0755	8	1	2	1	-155			3	2		335	2.8
6	85	5	23	0755	8	1	2	1	-155			3	1		6	2.8
6	85	5	23	0755	8	1	2	1	-155			5	3		1	2.8
6	85	5	23	0755	8	1	2	1	-155			5	1		9	2.8
6	85	5	23	0800	8	2	2	1	-160			5	3		8	2.7
6	85	5	23	0800	8	2	2	1	-160			3	2		95	2.7
6	85	5	23	0800	8	2	2	1	-160			3	1		2	2.7
6	85	5	23	0800	8	2	2	1	-160			5	1		3	2.7
6	85	5	23	0900	322	1	2	1	-220			5	1		59	2.3
6	85	5	23	0900	322	1	2	1	-220			3	2		30	2.3
6	85	5	23	0900	322	1	2	1	-220			2	3		32	2.3
6	85	5	23	0900	322	1	2	1	-220			3	1		1	2.3

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	23	0910	322	2	2	1	-230			2	3		2	2.3
6	85	5	23	0910	322	2	2	1	-230			5	1		32	2.3
6	85	5	23	0910	322	2	2	1	-230			3	2		3	2.3
6	85	5	23	0925	32	1	2	1	230							2.1
6	85	5	23	0930	32	2	2	1	225			2	3		4	2.1
6	85	5	23	0950	328	1	2	1	205							2.0
6	85	5	23	0955	328	2	2	1	200							2.0
6	85	5	23	1010	31	1	2	1	185			1	4		1353	1.9
6	85	5	23	1010	31	1	2	1	185			2	3		66	1.9
6	85	5	23	1020	31	2	2	1	175			1	4		431	1.8
6	85	5	23	1020	31	2	2	1	175			2	3		57	1.8
6	85	5	23	1100	24	1	2	1	135			2	3		77	1.5
6	85	5	23	1100	24	1	2	1	135			1	4		1	1.5
6	85	5	23	1105	24	2	2	1	130			2	3		15	1.5
6	85	5	23	1115	241	1	2	1	120			5	1		2	1.4
6	85	5	23	1115	241	1	2	1	120			2	3		402	1.4
6	85	5	23	1115	241	1	2	1	120			3	2		27	1.4
6	85	5	23	1125	241	2	2	1	110			2	3		541	1.4
6	85	5	23	1125	241	2	2	1	110			3	3		1	1.4
6	85	5	23	1220	25	1	2	1	55			1	4		663	1.0
6	85	5	23	1220	25	1	2	1	55			2	3		459	1.0
6	85	5	23	1230	25	2	2	1	45			3	2		127	0.9
6	85	5	23	1230	25	2	2	1	45			2	3		166	0.9
6	85	5	23	1230	25	2	2	1	45			1	4		104	0.9
6	85	5	23	1230	25	2	2	1	45			3	1		1	0.9
6	85	5	23	1300	23	1	2	1	15			2	3		641	0.7
6	85	5	23	1300	23	1	2	1	15			1	4		298	0.7
6	85	5	23	1300	23	1	2	1	15			3	2		21	0.7
6	85	5	23	1300	23	1	2	1	15			5	1		9	0.7
6	85	5	23	1320	23	2	2	2	-5			2	3		47	0.7
6	85	5	23	1320	23	2	2	2	-5			1	4		5	0.7
6	85	5	23	1320	23	2	2	2	-5			3	2		1	0.7
6	85	5	23	1340	28	1	2	2	-25							0.9
6	85	5	23	1345	28	2	2	2	-30							0.9

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	23	1350	27	3	4	2	-35							1.0
6	85	5	23	1355	27	4	4	2	-40							1.0
6	85	5	23	1415	20	1	2	2	-60							1.2
6	85	5	23	1420	20	2	2	2	-65			2	3		2	1.2
6	85	5	23	1420	20	2	2	2	-65			5	3		2	1.2
6	85	5	23	1430	5	3	4	2	-75			5	3		5	1.3
6	85	5	23	1435	5	4	4	2	-80			3	2		26	1.4
6	85	5	23	1435	5	4	4	2	-80			5	1		1	1.4
6	85	5	23	1435	5	4	4	2	-80			5	3		1	1.4
6	85	5	23	1450	3	3	4	2	-95							1.5
6	85	5	23	1455	3	4	4	2	-100			3	2		1	1.5
6	85	5	23	1500	2	3	4	2	-105			3	2		189	1.5
6	85	5	23	1500	2	3	4	2	-105			3	1		5	1.5
6	85	5	23	1500	2	3	4	2	-105			5	1		5	1.5
6	85	5	23	1505	2	4	4	2	-110			3	2		58	1.6
6	85	5	23	1505	2	4	4	2	-110			3	1		1	1.6
6	85	5	23	1505	2	4	4	2	-110			5	1		1	1.6
6	85	5	23	1515	1	3	4	2	-120			5	1		1	1.7
6	85	5	23	1515	1	3	4	2	-120			5	3		6	1.7
6	85	5	23	1520	1	4	4	2	-125			5	1		1	1.7
6	85	5	23	1520	1	4	4	2	-125			3	2		4	1.7
6	85	5	23	1520	1	4	4	2	-125			5	3		46	1.7
6	85	5	23	1520	1	4	4	2	-125			2	3		18	1.7
6	85	5	23	1530	4	3	4	2	-135			3	2		134	1.8
6	85	5	23	1530	4	3	4	2	-135			5	3		15	1.8
6	85	5	23	1530	4	3	4	2	-135			5	1		9	1.8
6	85	5	23	1530	4	3	4	2	-135			2	3		4	1.8
6	85	5	23	1530	4	3	4	2	-135			3	1		3	1.9
6	85	5	23	1540	4	4	4	2	-145			3	2		14	1.9
6	85	5	23	1540	4	4	4	2	-145			5	3		12	1.9
6	85	5	23	1540	4	4	4	2	-145			2	3		7	1.9
6	85	5	23	1540	4	4	4	2	-145			5	1		1	1.9
6	85	5	24	0645	47	5	6	1	-45	10.6	0.3	3	3		12	3.4
6	85	5	24	0645	47	5	6	1	-45	10.6	0.3	5	3		52	3.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
6	85	5	24	0645	47	5	6	1	-45	10.6	0.3	2	3		6	3.4
6	85	5	24	0650	47	6	6	1	-50	10.6	0.3	5	3		10	3.4
6	85	5	24	0650	47	6	6	1	-50	10.6	0.3	2	3		3	3.4
6	85	5	24	0650	47	6	6	1	-50	10.6	0.3	3	3		4	3.4
6	85	5	24	0710	7	7	8	1	-70	10.2	2.4	3	2		14	3.3
6	85	5	24	0710	7	7	8	1	-70	10.2	2.4	5	3		15	3.3
6	85	5	24	0710	7	7	8	1	-70	10.2	2.4	3	3		4	3.3
6	85	5	24	0710	7	7	8	1	-70	10.2	2.4	5	1		2	3.3
6	85	5	24	0715	7	8	8	1	-75	10.2	2.4	5	3		45	3.2
6	85	5	24	0715	7	8	8	1	-75	10.2	2.4	3	2		52	3.2
6	85	5	24	0715	7	8	8	1	-75	10.2	2.4	5	1		17	3.2
6	85	5	24	0715	7	8	8	1	-75	10.2	2.4	3	1		4	3.2
6	85	5	24	0715	7	8	8	1	-75	10.2	2.4	2	3		1	3.2
6	85	5	24	0715	7	8	8	1	-75	10.2	2.4	3	3		1	3.2
6	85	5	24	0755	37	1	2	1	-115	12.6	15.9	3	2		117	3.0
6	85	5	24	0755	37	1	2	1	-115	12.6	15.9	5	1		1	3.0
6	85	5	24	0755	37	1	2	1	-115	12.6	15.9	3	1		2	3.0
6	85	5	24	0805	37	2	2	1	-125	12.6	15.9	5	1		2	2.9
6	85	5	24	0825	21	1	2	1	-125	9.4	31.2	5	3		28	2.8
6	85	5	24	0825	21	1	2	1	-125	9.4	31.2	2	3		16	2.8
6	85	5	24	0825	21	1	2	1	-125	9.4	31.2	1	4		24	2.8
6	85	5	24	0830	21	2	2	1	-130	9.4	31.2	5	3		7	2.7
6	85	5	24	0830	21	2	2	1	-130	9.4	31.2	2	3		1	2.7
6	85	5	24	0830	21	2	2	1	-130	9.4	31.2	1	4		1	2.7
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	5	2		2040	1.1
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	5	3		207	1.1
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	5	1		267	1.1
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	3	2		967	1.1
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	3	3		13	1.1
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	3	1		13	1.1
7	85	6	4	1405	7	1	6	2	-120	12.8	1.8	2	3		7	1.1
7	85	6	4	1420	7	2	6	2	-135	12.8	1.8	5	2		1368	1.4
7	85	6	4	1420	7	2	6	2	-135	12.8	1.8	5	3		80	1.4
7	85	6	4	1420	7	2	6	2	-135	12.8	1.8	5	1		116	1.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	4	1420	7	2	6	2	-135	12.8	1.8	3	2		240	1.4
7	85	6	4	1420	7	2	6	2	-135	12.8	1.8	3	3		16	1.4
7	85	6	4	1630	47	1	6	2	150	11.8	0.0	5	3		34	2.7
7	85	6	4	1630	47	1	6	2	150	11.8	0.0	3	3		5	2.7
7	85	6	4	1635	47	2	6	2	145	11.8	0.0	5	3		6	2.7
7	85	6	4	1635	47	2	6	2	145	11.8	0.0	3	3		1	2.7
7	85	6	5	0705	47	3	6	1	-140	11.8	0.0	3	3		5	2.8
7	85	6	5	0705	47	3	6	1	-140	11.8	0.0	5	3		2	2.8
7	85	6	5	0710	47	4	6	1	-145	11.8	0.0	3	2		1	2.8
7	85	6	5	0710	47	4	6	1	-145	11.8	0.0	3	3		1	2.8
7	85	6	5	0710	47	4	6	1	-145	11.8	0.0	5	3		1	2.8
7	85	6	5	0720	10	1	4	1	-155	11.6	0.6					2.7
7	85	6	5	0725	10	2	4	1	-160	11.6	0.6	5	3		2	2.6
7	85	6	5	0725	10	2	4	1	-160	11.6	0.6	3	2		3	2.6
7	85	6	5	0725	10	2	4	1	-160	11.6	0.6	5	2		12	2.6
7	85	6	5	0725	10	2	4	1	-160	11.6	0.6	5	1		4	2.6
7	85	6	5	0730	7	3	6	1	-165	11.7	1.7	5	1		13	2.6
7	85	6	5	0730	7	3	6	1	-165	11.7	1.7	5	3		23	2.6
7	85	6	5	0730	7	3	6	1	-165	11.7	1.7	5	2		143	2.6
7	85	6	5	0730	7	3	6	1	-165	11.7	1.7	3	2		41	2.6
7	85	6	5	0730	7	3	6	1	-165	11.7	1.7	3	1		1	2.6
7	85	6	5	0730	7	3	6	1	-165	11.7	1.7	6	3		2	2.6
7	85	6	5	0735	7	4	6	1	-170	11.7	1.7	5	3		20	2.5
7	85	6	5	0735	7	4	6	1	-170	11.7	1.7	3	2		7	2.5
7	85	6	5	0735	7	4	6	1	-170	11.7	1.7	5	2		30	2.5
7	85	6	5	0735	7	4	6	1	-170	11.7	1.7	3	3		3	2.5
7	85	6	5	0735	7	4	6	1	-170	11.7	1.7	2	3		1	2.5
7	85	6	5	0735	7	4	6	1	-170	11.7	1.7	5	1		1	2.5
7	85	6	5	0745	8	1	2	1	-180	11.9	2.0	5	1		11	2.5
7	85	6	5	0745	8	1	2	1	-180	11.9	2.0	5	3		11	2.5
7	85	6	5	0745	8	1	2	1	-180	11.9	2.0	5	2		240	2.5
7	85	6	5	0745	8	1	2	1	-180	11.9	2.0	3	2		20	2.5
7	85	6	5	0745	8	1	2	1	-180	11.9	2.0	3	1		1	2.5
7	85	6	5	0745	8	1	2	1	-180	11.9	2.0	3	3		1	2.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	5	0750	8	2	2	1	-185	11.9	2.0	5	1		10	2.4
7	85	6	5	0750	8	2	2	1	-185	11.9	2.0	5	3		4	2.4
7	85	6	5	0750	8	2	2	1	-185	11.9	2.0	5	2		149	2.4
7	85	6	5	0750	8	2	2	1	-185	11.9	2.0	3	2		38	2.4
7	85	6	5	0800	11	1	1	1	-195	12.0	4.3	5	3		15	2.3
7	85	6	5	0800	11	1	1	1	-195	12.0	4.3	3	3		1	2.3
7	85	6	5	0810	151	1	1	1	-205	12.0	1.7	5	3		149	2.3
7	85	6	5	0810	151	1	1	1	-205	12.0	1.7	3	3		5	2.3
7	85	6	5	0815	141	1	1	1	-210	12.0	1.9	5	3		233	2.2
7	85	6	5	0815	141	1	1	1	-210	12.0	1.9	3	3		1	2.2
7	85	6	5	0815	141	1	1	1	-210	12.0	1.9	2	3		3	2.2
7	85	6	5	0820	14	1	1	1	-215	12.0	1.9	5	3		38	2.2
7	85	6	5	0825	15	1	1	1	-220	12.0	1.7	5	3		181	2.2
7	85	6	5	0825	15	1	1	1	-220	12.0	1.7	2	3		2	2.2
7	85	6	5	0825	15	1	1	1	-220	12.0	1.7	3	3		4	2.2
7	85	6	5	0830	16	1	1	1	-225	12.0	1.9	6	3		2	2.1
7	85	6	5	0830	16	1	1	1	-225	12.0	1.9	5	3		103	2.1
7	85	6	5	0830	16	1	1	1	-225	12.0	1.9	3	3		2	2.1
7	85	6	5	0830	16	1	1	1	-225	12.0	1.9	5	2		4	2.1
7	85	6	5	0830	16	1	1	1	-225	12.0	1.9	3	2		1	2.1
7	85	6	5	0840	17	1	1	1	-235	12.0	1.7	5	3		167	2.0
7	85	6	5	0840	17	1	1	1	-235	12.0	1.7	3	2		1	2.0
7	85	6	5	0840	17	1	1	1	-235	12.0	1.7	3	3		9	2.0
7	85	6	5	0855	6	1	2	1	225	12.3	2.1	3	2		46	1.9
7	85	6	5	0855	6	1	2	1	225	12.3	2.1	5	1		64	1.9
7	85	6	5	0855	6	1	2	1	225	12.3	2.1	5	2		533	1.9
7	85	6	5	0855	6	1	2	1	225	12.3	2.1	5	3		41	1.9
7	85	6	5	0855	6	1	2	1	225	12.3	2.1	3	1		3	1.9
7	85	6	5	0855	6	1	2	1	225	12.3	2.1	3	3		2	1.9
7	85	6	5	0905	6	2	2	1	215	12.3	2.1	5	2		43	1.8
7	85	6	5	0905	6	2	2	1	215	12.3	2.1	5	3		104	1.8
7	85	6	5	0905	6	2	2	1	215	12.3	2.1	3	3		4	1.8
7	85	6	5	0905	6	2	2	1	215	12.3	2.1	3	2		10	1.8
7	85	6	5	0905	6	2	2	1	215	12.3	2.1	3	1		1	1.8

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	5	3		756	1.7
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	3	3		12	1.7
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	3	1		3	1.7
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	3	2		114	1.7
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	5	1		51	1.7
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	2	3		39	1.7
7	85	6	5	0920	4	1	4	1	200	12.3	3.9	5	2		885	1.7
7	85	6	5	0935	4	2	4	1	185	12.3	3.9	5	3		7	1.6
7	85	6	5	0935	4	2	4	1	185	12.3	3.9	5	4		11	1.6
7	85	6	5	0935	4	2	4	1	185	12.3	3.9	5	2		854	1.6
7	85	6	5	0935	4	2	4	1	185	12.3	3.9	5	1		53	1.6
7	85	6	5	0935	4	2	4	1	185	12.3	3.9	3	2		151	1.6
7	85	6	5	0935	4	2	4	1	185	12.3	3.9	3	1		28	1.6
7	85	6	5	0950	1	1	4	1	170	12.7	4.7	3	2		26	1.4
7	85	6	5	0950	1	1	4	1	170	12.7	4.7	5	2		82	1.4
7	85	6	5	0950	1	1	4	1	170	12.7	4.7	5	3		107	1.4
7	85	6	5	0950	1	1	4	1	170	12.7	4.7	5	1		20	1.4
7	85	6	5	0950	1	1	4	1	170	12.7	4.7	5	4		15	1.4
7	85	6	5	0950	1	1	4	1	170	12.7	4.7	2	3		6	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	2	3		4	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	5	3		60	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	3	2		28	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	5	1		17	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	5	4		2	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	5	2		95	1.4
7	85	6	5	0955	1	2	4	1	165	12.7	4.7	3	3		1	1.4
7	85	6	5	1015	37	1	2	1	145	13.0	12.1	5	3		1	1.2
7	85	6	5	1020	37	2	2	1	140	13.0	12.1	5	3		5	1.2
7	85	6	5	1025	3	1	2	1	135	13.4	15.7	3	2		28	1.1
7	85	6	5	1025	3	1	2	1	135	13.4	15.7	5	1		16	1.1
7	85	6	5	1025	3	1	2	1	135	13.4	15.7	5	4		3	1.1
7	85	6	5	1025	3	1	2	1	135	13.4	15.7	5	3		2	1.1
7	85	6	5	1025	3	1	2	1	135	13.4	15.7	5	2		228	1.1
7	85	6	5	1025	3	1	2	1	135	13.4	15.7	6	3		1	1.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	5	1035	3	2	2	1	125	13.4	15.7	5	4		2	1.0
7	85	6	5	1035	3	2	2	1	125	13.4	15.7	5	1		4	1.0
7	85	6	5	1035	3	2	2	1	125	13.4	15.7	3	2		25	1.0
7	85	6	5	1035	3	2	2	1	125	13.4	15.7	5	2		83	1.0
7	85	6	5	1035	3	2	2	1	125	13.4	15.7	3	1		1	1.0
7	85	6	5	1040	2	1	2	1	120	10.1	12.4	5	1		2	1.0
7	85	6	5	1040	2	1	2	1	120	10.1	12.4	3	2		35	1.0
7	85	6	5	1040	2	1	2	1	120	10.1	12.4	3	1		1	1.0
7	85	6	5	1045	2	2	2	1	115	10.1	12.4					1.0
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	1	4		19	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	2	3		74	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	5	1		50	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	5	2		811	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	3	2		43	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	5	3		7	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	3	1		2	0.1
7	85	6	5	1235	21	1	2	1	5	14.3	25.9	6	3		1	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	5	1		3	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	5	2		41	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	1	4		6	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	2	3		27	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	3	2		6	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	5	4		3	0.1
7	85	6	5	1240	21	2	2	2	0	14.3	25.9	5	3		6	0.1
7	85	6	5	1255	292	1	2	2	-15	13.5	27.0	5	3		1	0.2
7	85	6	5	1255	292	1	2	2	-15	13.5	27.0	5	2		23	0.2
7	85	6	5	1255	292	1	2	2	-15	13.5	27.0	3	2		11	0.2
7	85	6	5	1255	292	1	2	2	-15	13.5	27.0	5	1		3	0.2
7	85	6	5	1255	292	1	2	2	-15	13.5	27.0	2	3		547	0.2
7	85	6	5	1255	292	1	2	2	-15	13.5	27.0	1	4		71	0.2
7	85	6	5	1310	292	2	2	2	-30	13.5	27.0	2	3		180	0.5
7	85	6	5	1310	292	2	2	2	-30	13.5	27.0	1	4		2	0.5
7	85	6	5	1310	292	2	2	2	-30	13.5	27.0	3	2		11	0.5
7	85	6	5	1310	292	2	2	2	-30	13.5	27.0	5	2		19	0.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	5	1310	292	2	2	2	-30	13.5	27.0	5	1		3	0.5
7	85	6	5	1310	292	2	2	2	-30	13.5	27.0	3	1		1	0.5
7	85	6	5	1325	28	1	2	2	-45	11.1	29.7	2	3		1	0.7
7	85	6	5	1330	28	2	2	2	-50	11.1	29.7	5	3		68	0.7
7	85	6	5	1330	28	2	2	2	-50	11.1	29.7	2	3		710	0.7
7	85	6	5	1330	28	2	2	2	-50	11.1	29.7	1	4		114	0.7
7	85	6	5	1345	27	1	2	2	-65	12.7	27.4	2	3		66	0.8
7	85	6	5	1345	27	1	2	2	-65	12.7	27.4	1	4		29	0.8
7	85	6	5	1350	27	2	2	2	-70	12.7	27.4	2	3		1	0.8
7	85	6	5	1405	25	1	2	2	-85			1	4		804	1.1
7	85	6	5	1405	25	1	2	2	-85			3	1		2	1.1
7	85	6	5	1405	25	1	2	2	-85			5	1		2	1.1
7	85	6	5	1405	25	1	2	2	-85			4	3		6	1.1
7	85	6	5	1405	25	1	2	2	-85			2	3		654	1.1
7	85	6	5	1420	25	2	2	2	-100			1	4		5	1.3
7	85	6	5	1420	25	2	2	2	-100			2	3		16	1.3
7	85	6	5	1435	24	1	2	2	-115	11.2	29.0	2	3		327	1.4
7	85	6	5	1435	24	1	2	2	-115	11.2	29.0	1	4		10	1.4
7	85	6	5	1435	24	1	2	2	-115	11.2	29.0	5	3		1	1.4
7	85	6	5	1440	24	2	2	2	-120	11.2	29.0	2	3		10	1.5
7	85	6	5	1450	241	1	3	2	-130	12.8	28.0	2	3		307	1.5
7	85	6	5	1450	241	1	3	2	-130	12.8	28.0	1	4		12	1.5
7	85	6	5	1500	241	2	3	2	-140	12.8	28.0	5	2		2	1.7
7	85	6	5	1500	241	2	3	2	-140	12.8	28.0	3	2		7	1.7
7	85	6	5	1500	241	2	3	2	-140	12.8	28.0	2	3		61	1.7
7	85	6	5	1500	241	2	3	2	-140	12.8	28.0	1	4		3	1.7
7	85	6	5	1505	241	3	3	2	-145	12.8	28.0	5	2		45	1.7
7	85	6	5	1505	241	3	3	2	-145	12.8	28.0	5	1		5	1.7
7	85	6	5	1505	241	3	3	2	-145	12.8	28.0	3	1		10	1.7
7	85	6	5	1505	241	3	3	2	-145	12.8	28.0	3	2		400	1.7
7	85	6	5	1505	241	3	3	2	-145	12.8	28.0	3	3		5	1.7
7	85	6	5	1525	23	1	2	2	-165	12.5	28.8	2	3		1022	2.0
7	85	6	5	1525	23	1	2	2	-165	12.5	28.8	1	4		938	2.0
7	85	6	5	1540	23	2	2	2	-180	12.5	28.8	5	2		9	2.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	5	1540	23	2	2	2	-180	12.5	28.8	3	2		2	2.1
7	85	6	5	1540	23	2	2	2	-180	12.5	28.8	2	3		220	2.1
7	85	6	5	1540	23	2	2	2	-180	12.5	28.8	1	4		230	2.1
7	85	6	5	1540	23	2	2	2	-180	12.5	28.8	5	1		1	2.1
7	85	6	5	1605	34	1	2	2	-205	11.1	29.1	5	3		12	2.5
7	85	6	5	1605	34	1	2	2	-205	11.1	29.1	3	2		1	2.5
7	85	6	5	1610	34	2	2	2	-210	11.1	29.1	5	2		22	2.5
7	85	6	5	1610	34	2	2	2	-210	11.1	29.1	3	1		15	2.5
7	85	6	5	1610	34	2	2	2	-210	11.1	29.1	3	2		91	2.5
7	85	6	5	1610	34	2	2	2	-210	11.1	29.1	5	3		27	2.5
7	85	6	5	1610	34	2	2	2	-210	11.1	29.1	5	1		2	2.5
7	85	6	5	1610	34	2	2	2	-210	11.1	29.1	2	3		6	2.5
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	5	3		136	2.9
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	2	3		23	2.9
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	5	2		345	2.9
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	3	2		19	2.9
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	5	1		18	2.9
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	3	1		3	2.9
7	85	6	5	1640	20	1	4	2	190	11.2	28.3	1	4		2	2.9
7	85	6	5	1645	20	2	4	2	185	11.2	28.3	3	2		36	2.9
7	85	6	5	1645	20	2	4	2	185	11.2	28.3	5	2		32	2.9
7	85	6	5	1645	20	2	4	2	185	11.2	28.3	5	3		2	2.9
7	85	6	5	1645	20	2	4	2	185	11.2	28.3	5	1		2	2.9
7	85	6	5	1645	20	2	4	2	185	11.2	28.3	2	3		6	2.9
7	85	6	5	1645	20	2	4	2	185	11.2	28.3	3	1		2	2.9
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	2	3		201	3.1
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	5	2		104	3.1
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	1	4		55	3.1
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	5	3		57	3.1
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	5	1		15	3.1
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	5	4		1	3.1
7	85	6	6	0700	20	3	4	1	-85	9.9	30.2	3	2		3	3.1
7	85	6	6	0710	20	4	4	1	-95	9.9	30.2	2	3		27	3.1
7	85	6	6	0710	20	4	4	1	-95	9.9	30.2	5	2		14	3.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	6	0710	20	4	4	1	-95	9.9	30.2	5	3		38	3.1
7	85	6	6	0710	20	4	4	1	-95	9.9	30.2	1	4		8	3.1
7	85	6	6	0730	47	5	6	1	-115	11.1	0.0					3.0
7	85	6	6	0735	47	6	6	1	-120	11.1	0.0	5	3		19	3.0
7	85	6	6	0735	47	6	6	1	-120	11.1	0.0	3	3		7	3.0
7	85	6	6	0735	47	6	6	1	-120	11.1	0.0	2	3		1	3.0
7	85	6	6	0740	10	3	4	1	-125	11.1	0.0	5	3		2	2.9
7	85	6	6	0745	10	4	4	1	-130	11.1	0.0	5	2		13	2.9
7	85	6	6	0745	10	4	4	1	-130	11.1	0.0	5	3		12	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	3	1		1	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	3	3		1	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	3	2		31	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	5	2		332	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	5	1		31	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	5	3		24	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	6	3		2	2.9
7	85	6	6	0750	7	5	6	1	-135	11.1	1.5	7	3		1	2.9
7	85	6	6	0800	7	6	6	1	-145	11.1	1.5	5	1		16	2.8
7	85	6	6	0800	7	6	6	1	-145	11.1	1.5	3	1		1	2.8
7	85	6	6	0800	7	6	6	1	-145	11.1	1.5	5	2		193	2.8
7	85	6	6	0800	7	6	6	1	-145	11.1	1.5	3	2		25	2.8
7	85	6	6	0800	7	6	6	1	-145	11.1	1.5	5	4		1	2.8
7	85	6	6	0800	7	6	6	1	-145	11.1	1.5	5	3		5	2.8
7	85	6	6	0805	111	1	2	1	-150	11.4	4.5	5	1		1	2.7
7	85	6	6	0810	111	2	2	1	-155	11.4	4.5	5	2		40	2.7
7	85	6	6	0810	111	2	2	1	-155	11.4	4.5	5	1		5	2.7
7	85	6	6	0810	111	2	2	1	-155	11.4	4.5	3	3		1	2.7
7	85	6	6	0820	18	1	2	1	-165	11.5	4.2	5	3		136	2.6
7	85	6	6	0825	18	2	2	1	-170	11.5	4.2	5	2		1	2.5
7	85	6	6	0825	18	2	2	1	-170	11.5	4.2	5	3		190	2.5
7	85	6	6	0825	18	2	2	1	-170	11.5	4.2	3	3		1	2.5
7	85	6	6	0840	4	3	4	1	-185	11.2	7.5	5	3		772	2.4
7	85	6	6	0840	4	3	4	1	-185	11.2	7.5	5	2		160	2.4
7	85	6	6	0840	4	3	4	1	-185	11.2	7.5	3	2		34	2.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
7	85	6	6	0840	4	3	4	1	-185	11.2	7.5	2	3		194	2.4
7	85	6	6	0840	4	3	4	1	-185	11.2	7.5	5	1		8	2.4
7	85	6	6	0850	4	4	4	1	-195	11.2	7.5	3	2		170	2.4
7	85	6	6	0850	4	4	4	1	-195	11.2	7.5	5	2		159	2.4
7	85	6	6	0850	4	4	4	1	-195	11.2	7.5	5	3		13	2.4
7	85	6	6	0850	4	4	4	1	-195	11.2	7.5	3	1		9	2.4
7	85	6	6	0850	4	4	4	1	-195	11.2	7.5	5	1		9	2.4
7	85	6	6	0850	4	4	4	1	-195	11.2	7.5	2	3		5	2.4
7	85	6	6	0905	1	3	4	1	-210	11.7	5.7	5	1		65	2.3
7	85	6	6	0905	1	3	4	1	-210	11.7	5.7	5	2		543	2.3
7	85	6	6	0905	1	3	4	1	-210	11.7	5.7	5	3		35	2.3
7	85	6	6	0905	1	3	4	1	-210	11.7	5.7	3	2		43	2.3
7	85	6	6	0905	1	3	4	1	-210	11.7	5.7	2	3		19	2.3
7	85	6	6	0905	1	3	4	1	-210	11.7	5.7	3	1		2	2.3
7	85	6	6	0915	1	4	4	1	-220	11.7	5.7	5	3		13	2.2
7	85	6	6	0915	1	4	4	1	-220	11.7	5.7	5	2		2	2.2
7	85	6	6	0930	5	1	2	1	235	11.7	4.9	3	2		160	2.0
7	85	6	6	0930	5	1	2	1	235	11.7	4.9	5	2		103	2.0
7	85	6	6	0930	5	1	2	1	235	11.7	4.9	5	1		3	2.0
7	85	6	6	0930	5	1	2	1	235	11.7	4.9	3	1		3	2.0
7	85	6	6	0940	5	2	2	1	225	11.7	4.9	5	2		12	1.9
7	85	6	6	0940	5	2	2	1	225	11.7	4.9	3	2		1	1.9
8	85	6	18	1145	7	1	8	2	-20	15.6	0.2	5	2		1655	0.6
8	85	6	18	1145	7	1	8	2	-20	15.6	0.2	5	1		126	0.6
8	85	6	18	1145	7	1	8	2	-20	15.6	0.2	3	2		22	0.6
8	85	6	18	1145	7	1	8	2	-20	15.6	0.2	5	3		4	0.6
8	85	6	18	1200	7	2	8	2	-35	15.6	0.2	5	2		437	0.8
8	85	6	18	1200	7	2	8	2	-35	15.6	0.2	5	1		27	0.8
8	85	6	18	1200	7	2	8	2	-35	15.6	0.2	5	3		3	0.8
8	85	6	18	1200	7	2	8	2	-35	15.6	0.2	3	2		13	0.8
8	85	6	18	1200	7	2	8	2	-35	15.6	0.2	5	4		3	0.8
8	85	6	18	1210	6	1	4	2	-45	14.5	0.0	5	2		109	0.9
8	85	6	18	1210	6	1	4	2	-45	14.5	0.0	5	3		29	0.9
8	85	6	18	1210	6	1	4	2	-45	14.5	0.0	5	1		19	0.9

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	18	1210	6	1	4	2	-45	14.5	0.0	3	2		4	0.9
8	85	6	18	1220	6	2	4	2	-55	14.5	0.0	5	3		311	1.0
8	85	6	18	1220	6	2	4	2	-55	14.5	0.0	5	2		8	1.0
8	85	6	18	1220	6	2	4	2	-55	14.5	0.0	5	1		1	1.0
8	85	6	18	1220	6	2	4	2	-55	14.5	0.0	3	3		3	1.0
8	85	6	18	1300	27	1	2	2	-95	10.8	29.8	2	3		18	1.4
8	85	6	18	1305	27	2	2	2	-100	10.8	29.8	2	3		43	1.4
8	85	6	18	1340	21	1	2	2	-135	12.4	28.7	2	3		306	1.7
8	85	6	18	1340	21	1	2	2	-135	12.4	28.7	1	4		28	1.7
8	85	6	18	1340	21	1	2	2	-135	12.4	28.7	5	3		21	1.7
8	85	6	18	1340	21	1	2	2	-135	12.4	28.7	5	2		22	1.7
8	85	6	18	1340	21	1	2	2	-135	12.4	28.7	5	1		3	1.7
8	85	6	18	1340	21	1	2	2	-135	12.4	28.7	3	1		1	1.7
8	85	6	18	1350	21	2	2	2	-145	12.4	28.7	5	3		9	1.8
8	85	6	18	1350	21	2	2	2	-145	12.4	28.7	2	3		5	1.8
8	85	6	18	1350	21	2	2	2	-145	12.4	28.7	5	2		2	1.8
8	85	6	18	1430	20	1	2	2	-185	11.3	28.4	2	3		34	2.1
8	85	6	18	1430	20	1	2	2	-185	11.3	28.4	1	4		1	2.1
8	85	6	18	1430	20	1	2	2	-185	11.3	28.4	5	1		4	2.1
8	85	6	18	1430	20	1	2	2	-185	11.3	28.4	5	3		21	2.1
8	85	6	18	1430	20	1	2	2	-185	11.3	28.4	5	2		19	2.1
8	85	6	18	1430	20	1	2	2	-185	11.3	28.4	3	2		2	2.1
8	85	6	18	1440	20	2	2	2	-195	11.3	28.4	5	2		75	2.2
8	85	6	18	1440	20	2	2	2	-195	11.3	28.4	1	4		12	2.2
8	85	6	18	1440	20	2	2	2	-195	11.3	28.4	2	3		143	2.2
8	85	6	18	1440	20	2	2	2	-195	11.3	28.4	5	3		33	2.2
8	85	6	18	1440	20	2	2	2	-195	11.3	28.4	3	2		3	2.2
8	85	6	18	1500	17	1	1	2	210	14.1	0.4	5	3		80	2.3
8	85	6	18	1500	17	1	1	2	210	14.1	0.4	5	2		22	2.3
8	85	6	18	1500	17	1	1	2	210	14.1	0.4	5	1		5	2.3
8	85	6	18	1505	16	1	1	2	205	15.5	3.1	5	3		89	2.4
8	85	6	18	1505	16	1	1	2	205	15.5	3.1	5	2		78	2.4
8	85	6	18	1505	16	1	1	2	205	15.5	3.1	5	1		6	2.4
8	85	6	18	1505	16	1	1	2	205	15.5	3.1	6	3		1	2.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	18	1515	15	1	1	2	195	14.1	0.4	5	3		143	2.5
8	85	6	18	1515	15	1	1	2	195	14.1	0.4	5	2		17	2.5
8	85	6	18	1515	15	1	1	2	195	14.1	0.4	5	1		11	2.5
8	85	6	18	1515	15	1	1	2	195	14.1	0.4	2	3		1	2.5
8	85	6	18	1525	14	1	1	2	185	15.5	3.1	5	3		112	2.6
8	85	6	18	1525	14	1	1	2	185	15.5	3.1	5	1		2	2.6
8	85	6	18	1525	14	1	1	2	185	15.5	3.1	5	2		3	2.6
8	85	6	18	1530	151	1	1	2	180	15.5	3.1	5	3		73	2.6
8	85	6	18	1610	7	3	8	2	140	14.8	0.3	5	1		2	2.8
8	85	6	18	1610	7	3	8	2	140	14.8	0.3	5	3		17	2.8
8	85	6	18	1610	7	3	8	2	140	14.8	0.3	5	2		22	2.8
8	85	6	18	1610	7	3	8	2	140	14.8	0.3	3	2		2	2.8
8	85	6	18	1615	7	4	8	2	135	14.8	0.3	5	2		44	3.0
8	85	6	18	1615	7	4	8	2	135	14.8	0.3	5	3		1	3.0
8	85	6	18	1615	7	4	8	2	135	14.8	0.3	3	2		1	3.0
8	85	6	18	1615	7	4	8	2	135	14.8	0.3	5	1		2	3.0
8	85	6	18	1630	47	1	4	2	120	15.5	0.0	5	3		38	3.1
8	85	6	18	1630	47	1	4	2	120	15.5	0.0	3	3		1	3.1
8	85	6	18	1635	47	2	4	2	115	15.5	0.0	3	3		2	3.1
8	85	6	18	1635	47	2	4	2	115	15.5	0.0	5	3		1	3.1
8	85	6	18	1645	10	1	4	2	105			5	2		2	3.2
8	85	6	18	1650	10	2	4	2	100							3.2
8	85	6	19	0720	47	3	4	1	-225	13.9	0.0	5	3		142	2.2
8	85	6	19	0720	47	3	4	1	-225	13.9	0.0	5	2		2	2.2
8	85	6	19	0720	47	3	4	1	-225	13.9	0.0	3	3		4	2.2
8	85	6	19	0720	47	3	4	1	-225	13.9	0.0	2	3		1	2.2
8	85	6	19	0725	47	4	4	1	-230	13.9	0.0	3	3		11	2.2
8	85	6	19	0725	47	4	4	1	-230	13.9	0.0	5	3		101	2.2
8	85	6	19	0725	47	4	4	1	-230	13.9	0.0	5	2		1	2.2
8	85	6	19	0735	10	3	4	1	-240	14.7	0.6	5	1		2	2.1
8	85	6	19	0735	10	3	4	1	-240	14.7	0.6	3	2		1	2.1
8	85	6	19	0735	10	3	4	1	-240	14.7	0.6	5	3		4	2.1
8	85	6	19	0735	10	3	4	1	-240	14.7	0.6	5	2		7	2.1
8	85	6	19	0740	10	4	4	1	-245	14.7	0.6	5	2		20	2.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	19	0740	10	4	4	1	-245	14.7	0.6	5	3		26	2.1
8	85	6	19	0740	10	4	4	1	-245	14.7	0.6	3	3		1	2.1
8	85	6	19	0740	10	4	4	1	-245	14.7	0.6	3	2		1	2.1
8	85	6	19	0750	7	5	8	1	250	15.2	0.1	5	1		36	2.0
8	85	6	19	0750	7	5	8	1	250	15.2	0.1	5	2		416	2.0
8	85	6	19	0750	7	5	8	1	250	15.2	0.1	3	2		5	2.0
8	85	6	19	0750	7	5	8	1	250	15.2	0.1	2	3		7	2.0
8	85	6	19	0750	7	5	8	1	250	15.2	0.1	5	3		11	2.0
8	85	6	19	0750	7	5	8	1	250	15.2	0.1	3	1		1	2.0
8	85	6	19	0800	7	6	8	1	240	15.2	0.1	5	1		2	1.9
8	85	6	19	0800	7	6	8	1	240	15.2	0.1	3	2		1	1.9
8	85	6	19	0800	7	6	8	1	240	15.2	0.1	5	3		18	1.9
8	85	6	19	0800	7	6	8	1	240	15.2	0.1	5	2		16	1.9
8	85	6	19	0825	1	1	6	1	215	14.7	3.6	5	1		2	1.8
8	85	6	19	0825	1	1	6	1	215	14.7	3.6	5	2		30	1.8
8	85	6	19	0825	1	1	6	1	215	14.7	3.6	5	3		26	1.8
8	85	6	19	0825	1	1	6	1	215	14.7	3.6	2	3		18	1.8
8	85	6	19	0830	1	2	6	1	210	14.7	3.6	5	2		3	1.7
8	85	6	19	0830	1	2	6	1	210	14.7	3.6	5	3		3	1.7
8	85	6	19	0830	1	2	6	1	210	14.7	3.6	2	3		1	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	5	2		280	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	5	3		152	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	2	3		182	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	3	3		4	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	3	2		22	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	3	1		8	1.7
8	85	6	19	0835	4	1	4	1	205	14.2	3.6	5	1		22	1.7
8	85	6	19	0850	4	2	4	1	190	14.2	3.6	3	2		7	1.6
8	85	6	19	0850	4	2	4	1	190	14.2	3.6	5	2		157	1.6
8	85	6	19	0850	4	2	4	1	190	14.2	3.6	2	3		42	1.6
8	85	6	19	0850	4	2	4	1	190	14.2	3.6	5	1		14	1.6
8	85	6	19	0850	4	2	4	1	190	14.2	3.6	5	3		46	1.6
8	85	6	19	0920	25	1	2	1	160	11.3	30.1					1.4
8	85	6	19	0925	25	2	2	1	155	11.3	30.1	5	2		2	1.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	19	1000	28	1	2	1	120	10.9	29.9	5	3		21	1.2
8	85	6	19	1000	28	1	2	1	120	10.9	29.9	2	3		138	1.2
8	85	6	19	1000	28	1	2	1	120	10.9	29.9	1	4		18	1.2
8	85	6	19	1010	28	2	2	1	110	10.9	29.9	2	3		32	1.1
8	85	6	19	1010	28	2	2	1	110	10.9	29.9	5	3		1	1.1
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	3	2		32	1.0
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	5	2		48	1.0
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	5	1		2	1.0
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	5	3		48	1.0
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	1	4		16	1.0
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	4	3		2	1.0
8	85	6	19	1025	292	1	2	1	95	11.9	15.0	2	3		434	1.0
8	85	6	19	1040	292	2	2	1	80	11.9	15.0	5	2		6	0.9
8	85	6	19	1040	292	2	2	1	80	11.9	15.0	2	3		10	0.9
8	85	6	19	1040	292	2	2	1	80	11.9	15.0	5	3		2	0.9
8	85	6	19	1215	2	1	2	2	-15	15.9	3.1	5	2		186	0.5
8	85	6	19	1215	2	1	2	2	-15	15.9	3.1	5	3		26	0.5
8	85	6	19	1215	2	1	2	2	-15	15.9	3.1	5	1		11	0.5
8	85	6	19	1215	2	1	2	2	-15	15.9	3.1	2	3		3	0.5
8	85	6	19	1215	2	1	2	2	-15	15.9	3.1	3	2		2	0.5
8	85	6	19	1225	2	2	2	2	-25	15.9	3.1	5	1		1	0.6
8	85	6	19	1225	2	2	2	2	-25	15.9	3.1	5	2		3	0.6
8	85	6	19	1225	2	2	2	2	-25	15.9	3.1	5	3		1	0.6
8	85	6	19	1225	2	2	2	2	-25	15.9	3.1	2	3		1	0.6
8	85	6	19	1235	3	1	2	2	-35	15.7	6.8	5	1		11	0.7
8	85	6	19	1235	3	1	2	2	-35	15.7	6.8	3	2		18	0.7
8	85	6	19	1235	3	1	2	2	-35	15.7	6.8	5	2		150	0.7
8	85	6	19	1240	3	2	2	2	-40	15.7	6.8	3	2		1	0.8
8	85	6	19	1240	3	2	2	2	-40	15.7	6.8	3	1		1	0.8
8	85	6	19	1240	3	2	2	2	-40	15.7	6.8	6	3		1	0.8
8	85	6	19	1240	3	2	2	2	-40	15.7	6.8	5	1		2	0.8
8	85	6	19	1240	3	2	2	2	-40	15.7	6.8	5	2		22	0.8
8	85	6	19	1300	5	1	2	2	-60	15.0	0.9	3	2		23	0.9
8	85	6	19	1300	5	1	2	2	-60	15.0	0.9	5	2		742	0.9

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	19	1300	5	1	2	2	-60	15.0	0.9	5	1		98	0.9
8	85	6	19	1300	5	1	2	2	-60	15.0	0.9	2	3		9	0.9
8	85	6	19	1310	5	2	2	2	-70	15.0	0.9	5	3		16	1.0
8	85	6	19	1310	5	2	2	2	-70	15.0	0.9	5	2		158	1.0
8	85	6	19	1310	5	2	2	2	-70	15.0	0.9	5	1		21	1.0
8	85	6	19	1310	5	2	2	2	-70	15.0	0.9	2	3		63	1.0
8	85	6	19	1310	5	2	2	2	-70	15.0	0.9	3	2		3	1.0
8	85	6	19	1340	34	1	2	2	-100	20.3	10.7	5	1		2	1.2
8	85	6	19	1340	34	1	2	2	-100	20.3	10.7	5	3		89	1.2
8	85	6	19	1340	34	1	2	2	-100	20.3	10.7	5	2		2	1.2
8	85	6	19	1340	34	1	2	2	-100	20.3	10.7	2	3		4	1.2
8	85	6	19	1345	34	2	2	2	-105	20.3	10.7	3	2		3	1.3
8	85	6	19	1345	34	2	2	2	-105	20.3	10.7	5	3		167	1.3
8	85	6	19	1345	34	2	2	2	-105	20.3	10.7	2	3		19	1.3
8	85	6	19	1345	34	2	2	2	-105	20.3	10.7	5	2		16	1.3
8	85	6	19	1345	34	2	2	2	-105	20.3	10.7	3	1		1	1.3
8	85	6	19	1345	34	2	2	2	-105	20.3	10.7	5	1		3	1.3
8	85	6	19	1425	1	3	6	2	-145	14.9	0.0	5	3		6	1.7
8	85	6	19	1425	1	3	6	2	-145	14.9	0.0	5	2		11	1.7
8	85	6	19	1425	1	3	6	2	-145	14.9	0.0	3	3		2	1.7
8	85	6	19	1425	1	3	6	2	-145	14.9	0.0	2	3		1	1.7
8	85	6	19	1430	1	4	6	2	-150	14.9	0.0	5	1		11	1.7
8	85	6	19	1430	1	4	6	2	-150	14.9	0.0	5	3		6	1.7
8	85	6	19	1430	1	4	6	2	-150	14.9	0.0	5	2		101	1.7
8	85	6	19	1430	1	4	6	2	-150	14.9	0.0	2	3		4	1.7
8	85	6	19	1500	8	1	2	2	-180	15.8	0.2	5	1		1	2.0
8	85	6	19	1500	8	1	2	2	-180	15.8	0.2	5	2		21	2.0
8	85	6	19	1500	8	1	2	2	-180	15.8	0.2	5	3		10	2.0
8	85	6	19	1505	8	2	2	2	-185	15.8	0.2	3	2		1	2.1
8	85	6	19	1505	8	2	2	2	-185	15.8	0.2	5	3		11	2.1
8	85	6	19	1505	8	2	2	2	-185	15.8	0.2	5	1		3	2.1
8	85	6	19	1505	8	2	2	2	-185	15.8	0.2	5	2		40	2.1
8	85	6	19	1515	141	1	1	2	-195			5	3		29	2.2
8	85	6	19	1515	141	1	1	2	-195			5	2		1	2.2

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	19	1520	18	1	2	2	-200	15.9	0.0	5	3		94	2.2
8	85	6	19	1520	18	1	2	2	-200	15.9	0.0	5	2		17	2.2
8	85	6	19	1520	18	1	2	2	-200	15.9	0.0	5	1		1	2.2
8	85	6	19	1525	18	2	2	2	-205	15.9	0.0	5	1		6	2.3
8	85	6	19	1525	18	2	2	2	-205	15.9	0.0	5	2		26	2.3
8	85	6	19	1525	18	2	2	2	-205	15.9	0.0	5	3		106	2.3
8	85	6	19	1525	18	2	2	2	-205	15.9	0.0	2	3		1	2.3
8	85	6	19	1540	11	1	1	2	205	15.4	1.3	5	3		32	2.3
8	85	6	19	1540	11	1	1	2	205	15.4	1.3	5	2		380	2.3
8	85	6	19	1540	11	1	1	2	205	15.4	1.3	5	1		49	2.3
8	85	6	19	1540	11	1	1	2	205	15.4	1.3	2	3		4	2.3
8	85	6	19	1555	111	1	2	2	190	15.0	1.4	5	1		17	2.5
8	85	6	19	1555	111	1	2	2	190	15.0	1.4	5	2		180	2.5
8	85	6	19	1555	111	1	2	2	190	15.0	1.4	3	1		1	2.5
8	85	6	19	1555	111	1	2	2	190	15.0	1.4	5	3		3	2.5
8	85	6	19	1555	111	1	2	2	190	15.0	1.4	2	3		12	2.5
8	85	6	19	1605	111	2	2	2	180	15.0	1.4	5	2		6	2.5
8	85	6	19	1605	111	2	2	2	180	15.0	1.4	5	3		3	2.5
8	85	6	19	1610	37	1	2	2	175	15.5	4.2	5	1		1	2.6
8	85	6	19	1610	37	1	2	2	175	15.5	4.2	5	2		3	2.6
8	85	6	19	1610	37	1	2	2	175	15.5	4.2	2	3		4	2.6
8	85	6	19	1610	37	1	2	2	175	15.5	4.2	5	3		16	2.6
8	85	6	19	1610	37	1	2	2	175	15.5	4.2	3	3		1	2.6
8	85	6	19	1615	37	2	2	2	170	15.5	4.2	5	3		8	2.7
8	85	6	19	1615	37	2	2	2	170	15.5	4.2	5	2		14	2.7
8	85	6	19	1615	37	2	2	2	170	15.5	4.2	2	3		2	2.7
8	85	6	19	1615	37	2	2	2	170	15.5	4.2	5	1		1	2.7
8	85	6	19	1615	37	2	2	2	170	15.5	4.2	3	3		1	2.7
8	85	6	20	0700	23	1	2	1	-165	9.8	30.3	5	2		240	2.7
8	85	6	20	0700	23	1	2	1	-165	9.8	30.3	5	3		22	2.7
8	85	6	20	0700	23	1	2	1	-165	9.8	30.3	3	1		2	2.7
8	85	6	20	0700	23	1	2	1	-165	9.8	30.3	3	2		10	2.7
8	85	6	20	0700	23	1	2	1	-165	9.8	30.3	2	3		17	2.7
8	85	6	20	0700	23	1	2	1	-165	9.8	30.3	5	1		15	2.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	3	2		1	2.6
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	5	3		64	2.6
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	2	3		113	2.6
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	5	2		58	2.6
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	5	1		9	2.6
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	1	4		1	2.6
8	85	6	20	0710	23	2	2	1	-175	9.8	30.3	3	1		1	2.6
8	85	6	20	0740	4	3	4	1	-205	12.4	3.5	1	4		2	2.5
8	85	6	20	0740	4	3	4	1	-205	12.4	3.5	2	3		14	2.5
8	85	6	20	0740	4	3	4	1	-205	12.4	3.5	5	3		115	2.5
8	85	6	20	0740	4	3	4	1	-205	12.4	3.5	5	2		10	2.5
8	85	6	20	0740	4	3	4	1	-205	12.4	3.5	3	2		3	2.5
8	85	6	20	0745	4	4	4	1	-210	12.4	3.5	5	3		165	2.4
8	85	6	20	0745	4	4	4	1	-210	12.4	3.5	2	3		3	2.4
8	85	6	20	0745	4	4	4	1	-210	12.4	3.5	3	3		4	2.4
8	85	6	20	0745	4	4	4	1	-210	12.4	3.5	5	2		3	2.4
8	85	6	20	0800	1	5	6	1	-225	12.6	4.2	3	2		3	2.3
8	85	6	20	0800	1	5	6	1	-225	12.6	4.2	5	2		48	2.3
8	85	6	20	0800	1	5	6	1	-225	12.6	4.2	2	3		4	2.3
8	85	6	20	0800	1	5	6	1	-225	12.6	4.2	5	3		21	2.3
8	85	6	20	0800	1	5	6	1	-225	12.6	4.2	5	1		5	2.3
8	85	6	20	0805	1	6	6	1	-230	12.6	4.2	6	3		1	2.2
8	85	6	20	0805	1	6	6	1	-230	12.6	4.2	2	3		4	2.2
8	85	6	20	0805	1	6	6	1	-230	12.6	4.2	5	1		3	2.2
8	85	6	20	0805	1	6	6	1	-230	12.6	4.2	5	2		37	2.2
8	85	6	20	0805	1	6	6	1	-230	12.6	4.2	5	3		7	2.2
8	85	6	20	0815	6	3	4	1	-240	13.3	1.7	5	3		130	2.1
8	85	6	20	0815	6	3	4	1	-240	13.3	1.7	5	2		69	2.1
8	85	6	20	0815	6	3	4	1	-240	13.3	1.7	3	2		2	2.1
8	85	6	20	0815	6	3	4	1	-240	13.3	1.7	3	3		2	2.1
8	85	6	20	0815	6	3	4	1	-240	13.3	1.7	5	1		6	2.1
8	85	6	20	0815	6	3	4	1	-240	13.3	1.7	2	3		1	2.1
8	85	6	20	0825	6	4	4	1	240	13.3	1.7	5	3		293	2.0
8	85	6	20	0825	6	4	4	1	240	13.3	1.7	5	2		126	2.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
8	85	6	20	0825	6	4	4	1	240	13.3	1.7	5	1		17	2.0
8	85	6	20	0825	6	4	4	1	240	13.3	1.7	3	2		2	2.0
8	85	6	20	0825	6	4	4	1	240	13.3	1.7	2	3		5	2.0
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	3	2		7	1.9
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	5	1		13	1.9
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	3	1		1	1.9
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	5	2		176	1.9
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	5	3		23	1.9
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	2	3		4	1.9
8	85	6	20	0840	7	7	8	1	225	13.3	2.7	6	3		1	1.9
8	85	6	20	0845	7	8	8	1	220	13.3	2.7	5	3		8	1.9
8	85	6	20	0845	7	8	8	1	220	13.3	2.7	5	2		177	1.9
8	85	6	20	0845	7	8	8	1	220	13.3	2.7	5	1		10	1.9
8	85	6	20	0845	7	8	8	1	220	13.3	2.7	3	2		4	1.9
9	85	7	2	1350	21	1	2	2	-155	13.5	29.1	5	2		375	1.5
9	85	7	2	1350	21	1	2	2	-155	13.5	29.1	5	3		9	1.5
9	85	7	2	1350	21	1	2	2	-155	13.5	29.1	5	1		26	1.5
9	85	7	2	1350	21	1	2	2	-155	13.5	29.1	3	2		2	1.5
9	85	7	2	1350	21	1	2	2	-155	13.5	29.1	2	3		56	1.5
9	85	7	2	1405	21	2	2	2	-170	13.5	29.1	5	3		4	1.7
9	85	7	2	1405	21	2	2	2	-170	13.5	29.1	5	2		1	1.7
9	85	7	2	1445	20	1	2	2	200	13.1	29.2	5	3		20	2.2
9	85	7	2	1445	20	1	2	2	200	13.1	29.2	2	3		122	2.2
9	85	7	2	1445	20	1	2	2	200	13.1	29.2	5	2		40	2.2
9	85	7	2	1445	20	1	2	2	200	13.1	29.2	5	1		4	2.2
9	85	7	2	1455	20	2	2	2	190	13.1	29.2	2	3		1	2.2
9	85	7	2	1455	20	2	2	2	190	13.1	29.2	5	1		1	2.2
9	85	7	2	1455	20	2	2	2	190	13.1	29.2	5	3		1	2.2
9	85	7	2	1540	7	1	8	2	145	14.6	0.1	5	1		22	2.8
9	85	7	2	1540	7	1	8	2	145	14.6	0.1	5	2		229	2.8
9	85	7	2	1540	7	1	8	2	145	14.6	0.1	5	3		9	2.8
9	85	7	2	1540	7	1	8	2	145	14.6	0.1	5	4		6	2.8
9	85	7	2	1540	7	1	8	2	145	14.6	0.1	2	3		10	2.8
9	85	7	2	1540	7	1	8	2	145	14.6	0.1	6	3		1	2.8

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
9	85	7	2	1555	7	2	8	2	130	14.6	0.1	5	3		6	2.9
9	85	7	2	1600	47	1	4	2	125			3	3		4	2.9
9	85	7	2	1600	47	1	4	2	125			5	3		6	2.9
9	85	7	2	1605	47	2	4	2	120			5	3		6	3.0
9	85	7	2	1615	10	1	2	2	110	14.7	1.0					3.1
9	85	7	2	1620	10	2	2	2	105	14.7	1.0	5	3		73	3.1
9	85	7	2	1620	10	2	2	2	105	14.7	1.0	3	3		3	3.1
9	85	7	2	1650	1	1	4	2	75	15.4	5.4	5	3		18	3.4
9	85	7	2	1655	1	2	4	2	70	15.4	5.4	5	3		6	3.4
9	85	7	2	1655	1	2	4	2	70	15.4	5.4	2	3		1	3.4
9	85	7	2	1655	1	2	4	2	70	15.4	5.4	5	2		2	3.4
9	85	7	3	0710	7	3	8	1	-200	13.4	5.6	5	3		5	2.5
9	85	7	3	0710	7	3	8	1	-200	13.4	5.6	5	2		28	2.5
9	85	7	3	0710	7	3	8	1	-200	13.4	5.6	5	1		2	2.5
9	85	7	3	0715	7	4	8	1	-205	13.4	5.6	2	3		3	2.5
9	85	7	3	0715	7	4	8	1	-205	13.4	5.6	5	1		26	2.5
9	85	7	3	0715	7	4	8	1	-205	13.4	5.6	5	3		7	2.5
9	85	7	3	0715	7	4	8	1	-205	13.4	5.6	3	2		1	2.5
9	85	7	3	0715	7	4	8	1	-205	13.4	5.6	5	2		248	2.5
9	85	7	3	0730	8	1	2	1	-220	14.2	3.0	5	1		2	2.3
9	85	7	3	0730	8	1	2	1	-220	14.2	3.0	5	2		62	2.3
9	85	7	3	0730	8	1	2	1	-220	14.2	3.0	5	3		3	2.3
9	85	7	3	0735	8	2	2	1	-225	14.2	3.0	5	2		10	2.3
9	85	7	3	0735	8	2	2	1	-225	14.2	3.0	5	4		1	2.3
9	85	7	3	0745	6	1	2	1	-235	14.3	3.1	5	3		204	2.2
9	85	7	3	0745	6	1	2	1	-235	14.3	3.1	5	2		400	2.2
9	85	7	3	0745	6	1	2	1	-235	14.3	3.1	5	1		60	2.2
9	85	7	3	0745	6	1	2	1	-235	14.3	3.1	3	2		4	2.2
9	85	7	3	0750	6	2	2	1	-240	14.3	3.1	5	2		294	2.1
9	85	7	3	0750	6	2	2	1	-240	14.3	3.1	5	1		17	2.1
9	85	7	3	0750	6	2	2	1	-240	14.3	3.1	5	3		247	2.1
9	85	7	3	0750	6	2	2	1	-240	14.3	3.1	5	4		3	2.1
9	85	7	3	0750	6	2	2	1	-240	14.3	3.1	3	2		1	2.1
9	85	7	3	0810	4	1	4	1	230	14.0	8.5	5	3		45	2.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
9	85	7	3	0810	4	1	4	1	230	14.0	8.5	3	2		3	2.0
9	85	7	3	0810	4	1	4	1	230	14.0	8.5	5	2		6	2.0
9	85	7	3	0810	4	1	4	1	230	14.0	8.5	5	4		13	2.0
9	85	7	3	0810	4	1	4	1	230	14.0	8.5	2	3		2	2.0
9	85	7	3	0810	4	1	4	1	230	14.0	8.5	5	1		1	2.0
9	85	7	3	0815	4	2	4	1	225	14.0	8.5	5	4		21	1.9
9	85	7	3	0815	4	2	4	1	225	14.0	8.5	5	1		28	1.9
9	85	7	3	0815	4	2	4	1	225	14.0	8.5	5	2		205	1.9
9	85	7	3	0815	4	2	4	1	225	14.0	8.5	2	3		15	1.9
9	85	7	3	0815	4	2	4	1	225	14.0	8.5	5	3		48	1.9
9	85	7	3	0825	5	1	2	1	215	15.0	7.6	5	2		161	1.8
9	85	7	3	0825	5	1	2	1	215	15.0	7.6	5	1		13	1.8
9	85	7	3	0825	5	1	2	1	215	15.0	7.6	5	3		7	1.8
9	85	7	3	0825	5	1	2	1	215	15.0	7.6	5	4		4	1.8
9	85	7	3	0825	5	1	2	1	215	15.0	7.6	2	3		2	1.8
9	85	7	3	0845	5	2	2	1	195	15.0	7.6	5	2		114	1.7
9	85	7	3	0845	5	2	2	1	195	15.0	7.6	5	4		44	1.7
9	85	7	3	0845	5	2	2	1	195	15.0	7.6	5	1		9	1.7
9	85	7	3	0845	5	2	2	1	195	15.0	7.6	5	3		2	1.7
9	85	7	3	0925	25	1	2	1	155	11.4	29.2					1.3
9	85	7	3	0930	25	2	2	1	150	11.4	29.2	5	2		16	1.3
9	85	7	3	0930	25	2	2	1	150	11.4	29.2	2	3		3	1.3
9	85	7	3	0930	25	2	2	1	150	11.4	29.2	5	3		2	1.3
9	85	7	3	0945	24	1	2	1	135	10.5	29.3					1.2
9	85	7	3	0950	24	2	2	1	130	10.5	29.3					1.2
9	85	7	3	1000	241	1	2	1	120	13.6	28.9	5	2		228	1.0
9	85	7	3	1000	241	1	2	1	120	13.6	28.9	2	3		17	1.0
9	85	7	3	1000	241	1	2	1	120	13.6	28.9	5	1		10	1.0
9	85	7	3	1000	241	1	2	1	120	13.6	28.9	5	3		1	1.0
9	85	7	3	1010	241	2	2	1	110	13.6	28.9	5	1		3	0.9
9	85	7	3	1010	241	2	2	1	110	13.6	28.9	5	2		14	0.9
9	85	7	3	1010	241	2	2	1	110	13.6	28.9	5	3		1	0.9
9	85	7	3	1010	241	2	2	1	110	13.6	28.9	2	3		19	0.9
9	85	7	3	1045	23	1	2	1	75	12.4	28.8	5	3		41	0.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
9	85	7	3	1045	23	1	2	1	75	12.4	28.8	5	1		1	0.7
9	85	7	3	1045	23	1	2	1	75	12.4	28.8	5	2		10	0.7
9	85	7	3	1045	23	1	2	1	75	12.4	28.8	2	3		7	0.7
9	85	7	3	1050	23	2	2	1	70	12.4	28.8	5	1		6	0.7
9	85	7	3	1050	23	2	2	1	70	12.4	28.8	2	3		38	0.7
9	85	7	3	1050	23	2	2	1	70	12.4	28.8	5	3		39	0.7
9	85	7	3	1050	23	2	2	1	70	12.4	28.8	5	2		13	0.7
9	85	7	3	1120	292	1	2	1	40	19.3	29.4	5	2		704	0.4
9	85	7	3	1120	292	1	2	1	40	19.3	29.4	5	1		55	0.4
9	85	7	3	1120	292	1	2	1	40	19.3	29.4	2	3		187	0.4
9	85	7	3	1120	292	1	2	1	40	19.3	29.4	5	3		11	0.4
9	85	7	3	1120	292	1	2	1	40	19.3	29.4	5	4		18	0.4
9	85	7	3	1130	292	2	2	1	30	19.3	29.4	5	1		36	0.3
9	85	7	3	1130	292	2	2	1	30	19.3	29.4	5	2		308	0.3
9	85	7	3	1130	292	2	2	1	30	19.3	29.4	2	3		227	0.3
9	85	7	3	1130	292	2	2	1	30	19.3	29.4	5	3		7	0.3
9	85	7	3	1320	27	1	2	2	-80	12.2	30.0	2	3		6	1.1
9	85	7	3	1320	27	1	2	2	-80	12.2	30.0	5	3		43	1.1
9	85	7	3	1325	27	2	2	2	-85	12.2	30.0	5	1		1	1.1
9	85	7	3	1325	27	2	2	2	-85	12.2	30.0	5	2		2	1.1
9	85	7	3	1325	27	2	2	2	-85	12.2	30.0	2	3		10	1.1
9	85	7	3	1325	27	2	2	2	-85	12.2	30.0	5	3		3	1.1
9	85	7	3	1340	28	1	2	2	-100	13.4	30.8					1.3
9	85	7	3	1345	28	2	2	2	-105	13.4	30.8					1.3
9	85	7	3	1400	34	1	2	2	-120	13.4	28.8	5	3		309	1.4
9	85	7	3	1400	34	1	2	2	-120	13.4	28.8	5	2		90	1.4
9	85	7	3	1400	34	1	2	2	-120	13.4	28.8	2	3		36	1.4
9	85	7	3	1400	34	1	2	2	-120	13.4	28.8	5	1		12	1.4
9	85	7	3	1400	34	1	2	2	-120	13.4	28.8	5	4		7	1.4
9	85	7	3	1415	34	2	2	2	-135	13.4	28.8	5	3		74	1.6
9	85	7	3	1415	34	2	2	2	-135	13.4	28.8	5	2		47	1.6
9	85	7	3	1415	34	2	2	2	-135	13.4	28.8	2	3		12	1.6
9	85	7	3	1415	34	2	2	2	-135	13.4	28.8	5	1		11	1.6
9	85	7	3	1435	7	5	8	2	-155	18.2	1.5	5	1		59	1.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
9	85	7	3	1435	7	5	8	2	-155	18.2	1.5	5	3		18	1.7
9	85	7	3	1435	7	5	8	2	-155	18.2	1.5	5	2		702	1.7
9	85	7	3	1435	7	5	8	2	-155	18.2	1.5	5	4		22	1.7
9	85	7	3	1440	7	6	8	2	-160	18.2	1.5	5	2		97	1.8
9	85	7	3	1440	7	6	8	2	-160	18.2	1.5	5	1		5	1.8
9	85	7	3	1440	7	6	8	2	-160	18.2	1.5	5	4		6	1.8
9	85	7	3	1440	7	6	8	2	-160	18.2	1.5	5	3		4	1.8
9	85	7	3	1500	17	1	1	2	-180	17.0	1.5	5	3		10	2.0
9	85	7	3	1505	16	1	1	2	-185	18.5	0.6	5	2		8	2.0
9	85	7	3	1505	16	1	1	2	-185	18.5	0.6	5	3		136	2.0
9	85	7	3	1505	16	1	1	2	-185	18.5	0.6	5	4		1	2.0
9	85	7	3	1510	15	1	1	2	-190	17.0	1.5	5	3		1	2.1
9	85	7	3	1515	14	1	1	2	-195	18.5	0.6	5	3		8	2.1
9	85	7	3	1520	141	1	1	2	-200	18.5	0.6	5	3		23	2.2
9	85	7	3	1525	151	1	1	2	200	17.0	1.5	5	1		1	2.2
9	85	7	3	1525	151	1	1	2	200	17.0	1.5	5	2		3	2.2
9	85	7	3	1525	151	1	1	2	200	17.0	1.5	5	3		70	2.2
9	85	7	3	1525	151	1	1	2	200	17.0	1.5	5	4		3	2.2
9	85	7	3	1540	18	1	2	2	185	18.9	1.4	5	2		34	2.4
9	85	7	3	1540	18	1	2	2	185	18.9	1.4	5	4		1	2.4
9	85	7	3	1540	18	1	2	2	185	18.9	1.4	5	3		15	2.4
9	85	7	3	1540	18	1	2	2	185	18.9	1.4	5	1		3	2.4
9	85	7	3	1545	18	2	2	2	180	18.9	1.4	5	2		22	2.5
9	85	7	3	1545	18	2	2	2	180	18.9	1.4	5	4		1	2.5
9	85	7	3	1545	18	2	2	2	180	18.9	1.4	5	1		3	2.5
9	85	7	3	1545	18	2	2	2	180	18.9	1.4	5	3		23	2.5
9	85	7	3	1545	18	2	2	2	180	18.9	1.4	2	3		2	2.5
9	85	7	3	1600	11	1	1	2	165	16.8	3.9	5	1		6	2.6
9	85	7	3	1600	11	1	1	2	165	16.8	3.9	5	2		87	2.6
9	85	7	3	1600	11	1	1	2	165	16.8	3.9	5	3		57	2.6
9	85	7	3	1600	11	1	1	2	165	16.8	3.9	2	3		2	2.6
9	85	7	3	1610	111	1	2	2	155	17.4	7.8	5	1		3	2.7
9	85	7	3	1610	111	1	2	2	155	17.4	7.8	5	2		19	2.7
9	85	7	3	1610	111	1	2	2	155	17.4	7.8	5	3		13	2.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
9	85	7	3	1615	111	2	2	2	150	17.4	7.8					2.8
9	85	7	3	1625	37	1	2	2	140	19.0	9.1	5	3		1	2.9
9	85	7	3	1630	37	2	2	2	135	19.0	9.1					3.0
9	85	7	4	0645	47	3	4	1	-130	13.8	0.0	5	3		5	3.0
9	85	7	4	0650	47	4	4	1	-135	13.8	0.0	5	3		2	3.0
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	5	3		344	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	2	3		49	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	5	2		83	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	6	3		2	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	4	3		1	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	3	2		4	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	5	1		4	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	3	1		1	2.6
9	85	7	4	0720	4	3	4	1	-165	13.7	6.4	3	3		1	2.6
9	85	7	4	0730	4	4	4	1	-175	13.7	6.4	5	1		2	2.6
9	85	7	4	0730	4	4	4	1	-175	13.7	6.4	2	3		12	2.6
9	85	7	4	0730	4	4	4	1	-175	13.7	6.4	5	2		4	2.6
9	85	7	4	0730	4	4	4	1	-175	13.7	6.4	3	2		1	2.6
9	85	7	4	0730	4	4	4	1	-175	13.7	6.4	5	3		24	2.6
9	85	7	4	0740	1	3	4	1	-185	13.6	6.3	5	2		58	2.5
9	85	7	4	0740	1	3	4	1	-185	13.6	6.3	6	3		1	2.5
9	85	7	4	0740	1	3	4	1	-185	13.6	6.3	3	2		2	2.5
9	85	7	4	0740	1	3	4	1	-185	13.6	6.3	5	3		10	2.5
9	85	7	4	0740	1	3	4	1	-185	13.6	6.3	5	1		4	2.5
9	85	7	4	0745	1	4	4	1	-190	13.6	6.3	5	2		17	2.5
9	85	7	4	0745	1	4	4	1	-190	13.6	6.3	5	3		9	2.5
9	85	7	4	0810	2	1	2	1	-215	14.3	6.2					2.3
9	85	7	4	0815	2	2	2	1	-220	14.3	6.2	5	2		2	2.3
9	85	7	4	0815	2	2	2	1	-220	14.3	6.2	5	3		1	2.3
9	85	7	4	0820	3	1	2	1	-225	14.1	4.2	6	3		1	2.2
9	85	7	4	0820	3	1	2	1	-225	14.1	4.2	5	1		1	2.2
9	85	7	4	0820	3	1	2	1	-225	14.1	4.2	5	2		1	2.2
9	85	7	4	0825	3	2	2	1	-230	14.1	4.2					2.2
9	85	7	4	0840	7	7	8	1	230	14.8	3.4	2	3		8	2.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
9	85	7	4	0840	7	7	8	1	230	14.8	3.4	5	1		8	2.0
9	85	7	4	0840	7	7	8	1	230	14.8	3.4	3	2		3	2.0
9	85	7	4	0840	7	7	8	1	230	14.8	3.4	5	2		155	2.0
9	85	7	4	0840	7	7	8	1	230	14.8	3.4	5	3		13	2.0
9	85	7	4	0845	7	8	8	1	225	14.8	3.4	5	3		10	2.0
9	85	7	4	0845	7	8	8	1	225	14.8	3.4	5	2		5	2.0
9	85	7	4	0845	7	8	8	1	225	14.8	3.4	5	1		2	2.0
10	85	7	16	1245	27	1	2	2	-135	11.4	30.4					1.1
10	85	7	16	1250	27	2	2	2	-140	11.4	30.4					1.1
10	85	7	16	1330	21	1	2	2	250	13.0	29.9	5	3		3	2.0
10	85	7	16	1330	21	1	2	2	250	13.0	29.9	5	2		1	2.0
10	85	7	16	1330	21	1	2	2	250	13.0	29.9	5	4		1	2.0
10	85	7	16	1340	21	2	2	2	240	13.0	29.9	5	1		2	2.1
10	85	7	16	1340	21	2	2	2	240	13.0	29.9	5	3		4	2.1
10	85	7	16	1340	21	2	2	2	240	13.0	29.9	3	2		1	2.1
10	85	7	16	1340	21	2	2	2	240	13.0	29.9	2	3		3	2.1
10	85	7	16	1340	21	2	2	2	240	13.0	29.9	5	4		13	2.1
10	85	7	16	1420	20	1	4	2	200	11.9	30.5	5	3		11	2.4
10	85	7	16	1420	20	1	4	2	200	11.9	30.5	5	4		1	2.4
10	85	7	16	1435	20	2	4	2	185	11.9	30.5	5	1		4	2.5
10	85	7	16	1435	20	2	4	2	185	11.9	30.5	5	3		9	2.5
10	85	7	16	1435	20	2	4	2	185	11.9	30.5	5	4		5	2.5
10	85	7	16	1435	20	2	4	2	185	11.9	30.5	2	3		7	2.5
10	85	7	16	1435	20	2	4	2	185	11.9	30.5	5	2		31	2.5
10	85	7	16	1440	1	1	6	2	180			5	1		1	2.6
10	85	7	16	1440	1	1	6	2	180			5	3		9	2.6
10	85	7	16	1440	1	1	6	2	180			5	2		3	2.6
10	85	7	16	1445	1	2	6	2	175			5	3		8	2.6
10	85	7	16	1445	1	2	6	2	175			5	2		7	2.6
10	85	7	16	1500	4	1	6	2	160			5	3		15	2.7
10	85	7	16	1500	4	1	6	2	160			5	2		6	2.7
10	85	7	16	1505	4	2	6	2	155			5	3		30	2.7
10	85	7	16	1505	4	2	6	2	155			5	2		1	2.7
10	85	7	16	1530	47	1	6	2	130							3.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
10	85	7	16	1535	47	2	6	2	125			3	3		3	3.0
10	85	7	16	1535	47	2	6	2	125			5	3		1	3.0
10	85	7	16	1545	10	1	2	2	115			5	3		5	3.1
10	85	7	16	1545	10	1	2	2	115			5	2		1	3.1
10	85	7	16	1550	10	2	2	2	110			5	3		5	3.1
10	85	7	16	1620	7	1	6	2	80	17.7	1.4	3	2		2	3.4
10	85	7	16	1620	7	1	6	2	80	17.7	1.4	5	3		26	3.4
10	85	7	16	1620	7	1	6	2	80	17.7	1.4	5	1		8	3.4
10	85	7	16	1620	7	1	6	2	80	17.7	1.4	5	2		56	3.4
10	85	7	16	1620	7	1	6	2	80	17.7	1.4	3	3		1	3.4
10	85	7	16	1635	7	2	6	2	65	17.7	1.4	5	3		9	3.5
10	85	7	16	1635	7	2	6	2	65	17.7	1.4	5	1		7	3.5
10	85	7	16	1635	7	2	6	2	65	17.7	1.4	5	2		80	3.5
10	85	7	16	1635	7	2	6	2	65	17.7	1.4	5	4		1	3.5
10	85	7	16	1650	8	1	2	2	50	17.7	2.0					3.6
10	85	7	16	1655	8	2	2	2	45	17.7	2.0	5	3		2	3.6
10	85	7	17	0710	7	3	6	1	230	15.7	2.3	5	3		9	1.9
10	85	7	17	0710	7	3	6	1	230	15.7	2.3	5	1		3	1.9
10	85	7	17	0710	7	3	6	1	230	15.7	2.3	5	2		46	1.9
10	85	7	17	0710	7	3	6	1	230	15.7	2.3	5	4		1	1.9
10	85	7	17	0725	7	4	6	1	215	15.7	2.3	5	1		6	1.8
10	85	7	17	0725	7	4	6	1	215	15.7	2.3	5	2		86	1.8
10	85	7	17	0725	7	4	6	1	215	15.7	2.3	5	3		2	1.8
10	85	7	17	0725	7	4	6	1	215	15.7	2.3	5	4		2	1.8
10	85	7	17	0725	7	4	6	1	215	15.7	2.3	3	2		1	1.8
10	85	7	17	0740	6	1	6	1	200	15.1	3.7	5	3		7	1.6
10	85	7	17	0740	6	1	6	1	200	15.1	3.7	5	2		1	1.6
10	85	7	17	0740	6	1	6	1	200	15.1	3.7	5	4		1	1.6
10	85	7	17	0745	6	2	6	1	195	15.1	3.7	5	3		6	1.6
10	85	7	17	0745	6	2	6	1	195	15.1	3.7	5	2		1	1.6
10	85	7	17	0745	6	2	6	1	195	15.1	3.7	5	4		1	1.6
10	85	7	17	0755	5	1	2	1	185	15.6	8.8	5	1		7	1.5
10	85	7	17	0755	5	1	2	1	185	15.6	8.8	5	3		44	1.5
10	85	7	17	0755	5	1	2	1	185	15.6	8.8	5	2		74	1.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
10	85	7	17	0755	5	1	2	1	185	15.6	8.8	5	4		5	1.5
10	85	7	17	0755	5	1	2	1	185	15.6	8.8	3	2		1	1.5
10	85	7	17	0805	5	2	2	1	175	15.6	8.8	5	1		7	1.4
10	85	7	17	0805	5	2	2	1	175	15.6	8.8	5	3		88	1.4
10	85	7	17	0805	5	2	2	1	175	15.6	8.8	5	2		60	1.4
10	85	7	17	0805	5	2	2	1	175	15.6	8.8	5	4		23	1.4
10	85	7	17	0805	5	2	2	1	175	15.6	8.8	2	3		1	1.4
10	85	7	17	0840	23	1	2	1	140	12.2	31.6	5	3		15	1.2
10	85	7	17	0850	23	2	2	1	130	12.2	31.6	5	1		9	1.2
10	85	7	17	0850	23	2	2	1	130	12.2	31.6	5	3		13	1.2
10	85	7	17	0850	23	2	2	1	130	12.2	31.6	5	2		115	1.2
10	85	7	17	0850	23	2	2	1	130	12.2	31.6	2	3		21	1.2
10	85	7	17	0850	23	2	2	1	130	12.2	31.6	3	2		1	1.2
10	85	7	17	0925	241	1	2	1	95	12.2	31.0	5	1		7	0.9
10	85	7	17	0925	241	1	2	1	95	12.2	31.0	5	2		66	0.9
10	85	7	17	0925	241	1	2	1	95	12.2	31.0	2	3		39	0.9
10	85	7	17	0930	241	2	2	1	90	12.2	31.0	5	3		1	0.9
10	85	7	17	0930	241	2	2	1	90	12.2	31.0	5	1		1	0.9
10	85	7	17	0930	241	2	2	1	90	12.2	31.0	2	3		2	0.9
10	85	7	17	0930	241	2	2	1	90	12.2	31.0	5	2		7	0.9
10	85	7	17	0950	24	1	2	1	70	10.6	28.1	5	3		4	0.8
10	85	7	17	0950	24	1	2	1	70	10.6	28.1	5	2		18	0.8
10	85	7	17	0955	24	2	2	1	65	10.6	28.1					0.7
10	85	7	17	1010	25	1	2	1	50	15.6	30.5	5	1		2	0.6
10	85	7	17	1010	25	1	2	1	50	15.6	30.5	5	2		19	0.6
10	85	7	17	1010	25	1	2	1	50	15.6	30.5	2	3		109	0.6
10	85	7	17	1010	25	1	2	1	50	15.6	30.5	5	3		3	0.6
10	85	7	17	1010	25	1	2	1	50	15.6	30.5	5	4		1	0.6
10	85	7	17	1020	25	2	2	1	40	15.6	30.5					0.6
10	85	7	17	1050	28	1	2	1	10	15.5	31.2	5	1		3	0.5
10	85	7	17	1050	28	1	2	1	10	15.5	31.2	5	2		14	0.5
10	85	7	17	1100	28	2	2	2	0	15.5	31.2	5	1		6	0.4
10	85	7	17	1100	28	2	2	2	0	15.5	31.2	5	2		36	0.4
10	85	7	17	1100	28	2	2	2	0	15.5	31.2	5	3		10	0.4

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
10	85	7	17	1100	28	2	2	2	0	15.5	31.2	5	4		1	0.4
10	85	7	17	1100	28	2	2	2	0	15.5	31.2	2	3		86	0.4
10	85	7	17	1120	292	1	2	2	-20	12.5	30.3	5	2		8	0.5
10	85	7	17	1120	292	1	2	2	-20	12.5	30.3	5	3		5	0.5
10	85	7	17	1120	292	1	2	2	-20	12.5	30.3	5	4		8	0.5
10	85	7	17	1120	292	1	2	2	-20	12.5	30.3	2	3		1	0.5
10	85	7	17	1130	292	2	2	2	-30	12.5	30.3	5	3		5	0.6
10	85	7	17	1130	292	2	2	2	-30	12.5	30.3	2	3		3	0.6
10	85	7	17	1130	292	2	2	2	-30	12.5	30.3	5	2		15	0.6
10	85	7	17	1130	292	2	2	2	-30	12.5	30.3	5	4		2	0.6
10	85	7	17	1240	4	3	6	2	-100	17.2	1.3	5	3		59	1.2
10	85	7	17	1240	4	3	6	2	-100	17.2	1.3	5	2		70	1.2
10	85	7	17	1240	4	3	6	2	-100	17.2	1.3	5	4		1	1.2
10	85	7	17	1240	4	3	6	2	-100	17.2	1.3	3	2		5	1.2
10	85	7	17	1240	4	3	6	2	-100	17.2	1.3	2	3		1	1.2
10	85	7	17	1245	4	4	6	2	-105	17.2	1.3	5	3		18	1.2
10	85	7	17	1245	4	4	6	2	-105	17.2	1.3	5	4		1	1.2
10	85	7	17	1245	4	4	6	2	-105	17.2	1.3	5	2		12	1.2
10	85	7	17	1245	4	4	6	2	-105	17.2	1.3	2	3		2	1.2
10	85	7	17	1305	37	1	2	2	-125	21.3	4.7	5	3		1	1.4
10	85	7	17	1305	37	1	2	2	-125	21.3	4.7	3	3		2	1.4
10	85	7	17	1310	37	2	2	2	-130	21.3	4.7					1.4
10	85	7	17	1315	3	1	2	2	-135	17.2	3.2	6	3		1	1.5
10	85	7	17	1325	3	2	2	2	-145	17.2	3.2	6	3		1	1.6
10	85	7	17	1325	3	2	2	2	-145	17.2	3.2	5	2		2	1.6
10	85	7	17	1330	2	1	2	2	-150	17.6	6.4	3	2		6	1.6
10	85	7	17	1330	2	1	2	2	-150	17.6	6.4	5	3		1	1.6
10	85	7	17	1330	2	1	2	2	-150	17.6	6.4	5	4		1	1.6
10	85	7	17	1330	2	1	2	2	-150	17.6	6.4	5	1		3	1.6
10	85	7	17	1330	2	1	2	2	-150	17.6	6.4	5	2		28	1.6
10	85	7	17	1340	2	2	2	2	-160	17.6	6.4	3	2		17	1.7
10	85	7	17	1340	2	2	2	2	-160	17.6	6.4	5	1		6	1.7
10	85	7	17	1340	2	2	2	2	-160	17.6	6.4	5	3		4	1.7
10	85	7	17	1340	2	2	2	2	-160	17.6	6.4	5	2		75	1.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
10	85	7	17	1340	2	2	2	2	-160	17.6	6.4	2	3		1	1.7
10	85	7	17	1340	2	2	2	2	-160	17.6	6.4	5	4		1	1.7
10	85	7	17	1355	34	1	2	2	-175	12.2	31.1	5	3		9	1.8
10	85	7	17	1355	34	1	2	2	-175	12.2	31.1	5	2		1	1.8
10	85	7	17	1355	34	1	2	2	-175	12.2	31.1	2	3		1	1.8
10	85	7	17	1355	34	1	2	2	-175	12.2	31.1	5	4		1	1.8
10	85	7	17	1405	34	2	2	2	-185	12.2	31.1	5	3		26	1.9
10	85	7	17	1405	34	2	2	2	-185	12.2	31.1	5	2		14	1.9
10	85	7	17	1405	34	2	2	2	-185	12.2	31.1	5	4		7	1.9
10	85	7	17	1405	34	2	2	2	-185	12.2	31.1	2	3		2	1.9
10	85	7	17	1415	17	1	1	2	-195	18.8	8.8	5	3		43	2.0
10	85	7	17	1430	16	1	1	2	-210	16.8	4.2	5	3		28	2.1
10	85	7	17	1440	14	1	1	2	-220	16.8	4.2					2.2
10	85	7	17	1445	15	1	1	2	-225	18.8	8.8	5	3		27	2.2
10	85	7	17	1445	15	1	1	2	-225	18.8	8.8	5	2		1	2.2
10	85	7	17	1455	151	1	1	2	-235	18.8	8.8	5	3		14	2.3
10	85	7	17	1455	151	1	1	2	-235	18.8	8.8	5	2		1	2.3
10	85	7	17	1500	141	1	1	2	-240	16.8	4.2					2.4
10	85	7	17	1510	18	1	2	2	-250	17.4	4.5	5	3		32	2.5
10	85	7	17	1510	18	1	2	2	-250	17.4	4.5	5	2		2	2.5
10	85	7	17	1515	18	2	2	2	-255	17.4	4.5	5	3		25	2.5
10	85	7	17	1515	18	2	2	2	-255	17.4	4.5	5	2		7	2.5
10	85	7	17	1525	11	1	1	2	-265	20.7	2.3	5	3		17	2.6
10	85	7	17	1525	11	1	1	2	-265	20.7	2.3	5	2		12	2.6
10	85	7	17	1545	111	1	2	2	145	19.2	6.5	5	3		6	2.7
10	85	7	17	1545	111	1	2	2	145	19.2	6.5	5	2		3	2.7
10	85	7	17	1550	111	2	2	2	140	19.2	6.5	5	3		2	2.8
10	85	7	17	1600	1	3	6	2	135	17.5	5.7	5	3		21	2.9
10	85	7	17	1600	1	3	6	2	135	17.5	5.7	5	2		4	2.9
10	85	7	17	1600	1	3	6	2	135	17.5	5.7	5	4		1	2.9
10	85	7	17	1605	1	4	6	2	130	17.5	5.7	5	3		3	2.9
10	85	7	17	1605	1	4	6	2	130	17.5	5.7	5	2		8	2.9
10	85	7	17	1625	47	3	6	2	110	16.5	1.1	5	3		7	3.1
10	85	7	17	1630	47	4	6	2	105	16.5	1.1	3	3		17	3.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
10	85	7	17	1640	6	3	6	2	95	14.8	13.4	3	2		6	3.2
10	85	7	17	1640	6	3	6	2	95	14.8	13.4	5	3		171	3.2
10	85	7	17	1640	6	3	6	2	95	14.8	13.4	5	2		83	3.2
10	85	7	17	1640	6	3	6	2	95	14.8	13.4	2	3		37	3.2
10	85	7	17	1640	6	3	6	2	95	14.8	13.4	5	4		9	3.2
10	85	7	17	1640	6	3	6	2	95	14.8	13.4	5	1		4	3.2
10	85	7	17	1650	6	4	6	2	85	14.8	13.4	3	2		1	3.3
10	85	7	17	1650	6	4	6	2	85	14.8	13.4	5	3		69	3.3
10	85	7	17	1650	6	4	6	2	85	14.8	13.4	5	1		3	3.3
10	85	7	17	1650	6	4	6	2	85	14.8	13.4	5	2		30	3.3
10	85	7	17	1650	6	4	6	2	85	14.8	13.4	5	4		1	3.3
10	85	7	17	1650	6	4	6	2	85	14.8	13.4	2	3		2	3.3
10	85	7	18	0710	47	5	6	1	-230	15.5	1.1	5	3		64	2.2
10	85	7	18	0710	47	5	6	1	-230	15.5	1.1	3	3		48	2.2
10	85	7	18	0715	47	6	6	1	-235	15.5	1.1	5	3		22	2.2
10	85	7	18	0715	47	6	6	1	-235	15.5	1.1	3	3		30	2.2
10	85	7	18	0730	7	5	6	1	245	16.3	3.6	5	3		8	2.1
10	85	7	18	0730	7	5	6	1	245	16.3	3.6	5	2		99	2.1
10	85	7	18	0730	7	5	6	1	245	16.3	3.6	5	1		12	2.1
10	85	7	18	0730	7	5	6	1	245	16.3	3.6	2	3		2	2.1
10	85	7	18	0740	7	6	6	1	235	16.3	3.6	5	3		4	2.0
10	85	7	18	0740	7	6	6	1	235	16.3	3.6	5	2		64	2.0
10	85	7	18	0740	7	6	6	1	235	16.3	3.6	5	1		6	2.0
10	85	7	18	0740	7	6	6	1	235	16.3	3.6	2	3		1	2.0
10	85	7	18	0750	6	5	6	1	225	15.7	4.2	5	3		16	1.9
10	85	7	18	0750	6	5	6	1	225	15.7	4.2	5	2		13	1.9
10	85	7	18	0750	6	5	6	1	225	15.7	4.2	5	1		1	1.9
10	85	7	18	0750	6	5	6	1	225	15.7	4.2	5	4		1	1.9
10	85	7	18	0755	6	6	6	1	220	15.7	4.2	5	3		14	1.9
10	85	7	18	0755	6	6	6	1	220	15.7	4.2	5	2		4	1.9
10	85	7	18	0755	6	6	6	1	220	15.7	4.2	5	1		2	1.9
10	85	7	18	0800	20	3	4	1	215	10.2	31.8	5	3		15	1.8
10	85	7	18	0800	20	3	4	1	215	10.2	31.8	5	2		2	1.8
10	85	7	18	0800	20	3	4	1	215	10.2	31.8	5	4		14	1.8

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
10	85	7	18	0800	20	3	4	1	215	10.2	31.8	2	3		1	1.8
10	85	7	18	0810	20	4	4	1	205	10.2	31.8	5	3		8	1.7
10	85	7	18	0810	20	4	4	1	205	10.2	31.8	5	4		8	1.7
10	85	7	18	0810	20	4	4	1	205	10.2	31.8	5	1		1	1.7
10	85	7	18	0825	4	5	6	1	190			5	3		60	1.6
10	85	7	18	0825	4	5	6	1	190			5	1		7	1.6
10	85	7	18	0825	4	5	6	1	190			5	4		13	1.6
10	85	7	18	0825	4	5	6	1	190			5	2		58	1.6
10	85	7	18	0825	4	5	6	1	190			3	3		1	1.6
10	85	7	18	0825	4	5	6	1	190			3	2		9	1.6
10	85	7	18	0825	4	5	6	1	190			2	3		1	1.6
10	85	7	18	0835	4	6	6	1	180			5	3		6	1.5
10	85	7	18	0835	4	6	6	1	180			5	2		13	1.5
10	85	7	18	0835	4	6	6	1	180			5	1		2	1.5
10	85	7	18	0835	4	6	6	1	180			3	2		5	1.5
10	85	7	18	0845	1	5	6	1	170			5	3		61	1.5
10	85	7	18	0845	1	5	6	1	170			5	1		1	1.5
10	85	7	18	0845	1	5	6	1	170			5	2		6	1.5
10	85	7	18	0845	1	5	6	1	170			3	2		1	1.5
10	85	7	18	0845	1	5	6	1	170			3	3		1	1.5
10	85	7	18	0850	1	6	6	1	165			5	1		7	1.5
10	85	7	18	0850	1	6	6	1	165			5	3		8	1.5
10	85	7	18	0850	1	6	6	1	165			3	2		1	1.5
10	85	7	18	0850	1	6	6	1	165			5	2		31	1.5
11	85	7	29	1220	10	1	4	2	-165	17.2	0.1	5	2		1	2.0
11	85	7	29	1220	10	1	4	2	-165	17.2	0.1	5	3		13	2.0
11	85	7	29	1220	10	1	4	2	-165	17.2	0.1	3	3		6	2.0
11	85	7	29	1225	10	2	4	2	-170	17.2	0.1	5	2		18	2.0
11	85	7	29	1225	10	2	4	2	-170	17.2	0.1	5	1		2	2.0
11	85	7	29	1225	10	2	4	2	-170	17.2	0.1	5	3		18	2.0
11	85	7	29	1225	10	2	4	2	-170	17.2	0.1	6	3		1	2.0
11	85	7	29	1225	10	2	4	2	-170	17.2	0.1	7	3		1	2.0
11	85	7	29	1235	7	1	6	2	-180	17.6	0.1	5	3		12	2.1
11	85	7	29	1235	7	1	6	2	-180	17.6	0.1	5	2		3	2.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
11	85	7	29	1240	7	2	6	2	-185	17.6	0.1	3	2		3	2.1
11	85	7	29	1240	7	2	6	2	-185	17.6	0.1	5	2		1	2.1
11	85	7	29	1240	7	2	6	2	-185	17.6	0.1	5	3		3	2.1
11	85	7	29	1245	8	1	2	2	-190	17.3	1.0	5	3		10	2.2
11	85	7	29	1245	8	1	2	2	-190	17.3	1.0	5	2		4	2.2
11	85	7	29	1245	8	1	2	2	-190	17.3	1.0	5	1		1	2.2
11	85	7	29	1250	8	2	2	2	-195	17.3	1.0	5	3		4	2.2
11	85	7	29	1300	6	1	2	2	-205	18.0	0.2	5	2		68	2.3
11	85	7	29	1300	6	1	2	2	-205	18.0	0.2	5	3		108	2.3
11	85	7	29	1300	6	1	2	2	-205	18.0	0.2	5	1		4	2.3
11	85	7	29	1310	6	2	2	2	205	18.0	0.2	5	2		38	2.4
11	85	7	29	1310	6	2	2	2	205	18.0	0.2	5	3		54	2.4
11	85	7	29	1320	3	1	4	2	195	18.8	5.1	3	2		4	2.4
11	85	7	29	1320	3	1	4	2	195	18.8	5.1	5	2		1	2.5
11	85	7	29	1320	3	1	4	2	195	18.8	5.1	6	3		1	2.5
11	85	7	29	1325	3	2	4	2	190	18.8	5.1	5	3		1	2.6
11	85	7	29	1330	2	1	4	2	185	18.0	5.4					2.6
11	85	7	29	1335	2	2	4	2	180	18.0	5.4	5	2		1	2.6
11	85	7	29	1335	2	2	4	2	180	18.0	5.4	5	3		1	2.6
11	85	7	29	1335	2	2	4	2	180	18.0	5.4	5	4		1	2.6
11	85	7	29	1345	1	1	4	2	170	18.1	8.5	5	2		19	2.7
11	85	7	29	1345	1	1	4	2	170	18.1	8.5	5	3		26	2.7
11	85	7	29	1345	1	1	4	2	170	18.1	8.5	5	1		2	2.7
11	85	7	29	1345	1	1	4	2	170	18.1	8.5	1	4		7	2.7
11	85	7	29	1350	1	2	4	2	165	18.1	8.5	5	3		13	2.8
11	85	7	29	1350	1	2	4	2	165	18.1	8.5	5	2		2	2.8
11	85	7	29	1400	4	1	4	2	155	18.4	9.2	3	2		3	2.9
11	85	7	29	1400	4	1	4	2	155	18.4	9.2	5	2		2	2.9
11	85	7	29	1400	4	1	4	2	155	18.4	9.2	1	4		1	2.9
11	85	7	29	1400	4	1	4	2	155	18.4	9.2	5	3		36	2.9
11	85	7	29	1400	4	1	4	2	155	18.4	9.2	5	1		1	2.9
11	85	7	29	1405	4	2	4	2	150	18.4	9.2	5	2		2	2.9
11	85	7	29	1405	4	2	4	2	150	18.4	9.2	5	3		21	2.9
11	85	7	29	1410	20	1	2	2	145	13.2	31.4	5	3		31	3.0

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUMBER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
11	85	7	29	1410	20	1	2	2	145	13.2	31.4	2	3		1	3.0
11	85	7	29	1415	20	2	2	2	140	13.2	31.4	5	3		63	3.0
11	85	7	29	1415	20	2	2	2	140	13.2	31.4	5	2		8	3.0
11	85	7	29	1415	20	2	2	2	140	13.2	31.4	2	3		1	3.0
11	85	7	29	1430	21	1	4	2	125	13.4	31.1					3.1
11	85	7	29	1435	21	2	4	2	120	13.4	31.1	5	2		4	3.2
11	85	7	29	1435	21	2	4	2	120	13.4	31.1	5	3		4	3.2
11	85	7	29	1445	292	1	4	2	110	11.1	32.1					3.2
11	85	7	29	1450	292	2	4	2	105	11.1	32.1					3.3
11	85	7	29	1510	28	1	4	2	85	12.1	31.1	5	3		24	3.5
11	85	7	29	1510	28	1	4	2	85	12.1	31.1	5	4		1	3.5
11	85	7	29	1515	28	2	4	2	80	12.1	31.1	5	3		25	3.5
11	85	7	29	1525	27	1	4	2	70	11.9	31.4					3.6
11	85	7	29	1530	27	2	4	2	65	11.9	31.4	5	3		1	3.6
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	6	3		2	1.3
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	1	4		41	1.3
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	3	2		1	1.3
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	5	2		68	1.3
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	5	3		38	1.3
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	5	1		13	1.3
11	85	7	30	0800	21	3	4	1	140	11.1	31.4	5	4		1	1.3
11	85	7	30	0805	21	4	4	1	135	11.1	31.4	1	4		1	1.3
11	85	7	30	0805	21	4	4	1	135	11.1	31.4	5	2		1	1.3
11	85	7	30	0830	292	3	4	1	110	10.5	31.8	5	2		16	1.1
11	85	7	30	0830	292	3	4	1	110	10.5	31.8	5	3		8	1.1
11	85	7	30	0830	292	3	4	1	110	10.5	31.8	5	1		1	1.1
11	85	7	30	0835	292	4	4	1	105	10.5	31.8	5	2		1	1.0
11	85	7	30	0835	292	4	4	1	105	10.5	31.8	5	3		1	1.0
11	85	7	30	0900	28	3	4	1	80	11.5	32.5	5	2		8	0.8
11	85	7	30	0900	28	3	4	1	80	11.5	32.5	5	3		10	0.8
11	85	7	30	0905	28	4	4	1	75	11.5	32.5	1	4		3	0.8
11	85	7	30	0905	28	4	4	1	75	11.5	32.5	5	2		1	0.8
11	85	7	30	0905	28	4	4	1	75	11.5	32.5	5	3		2	0.8
11	85	7	30	0915	27	3	4	1	65	10.2	32.4					0.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
11	85	7	30	0920	27	4	4	1	60	10.2	32.4	5	3		6	0.7
11	85	7	30	0940	23	1	2	1	40	11.3	31.7	5	3		4	0.5
11	85	7	30	0940	23	1	2	1	40	11.3	31.7	5	2		3	0.5
11	85	7	30	0940	23	1	2	1	40	11.3	31.7	5	4		1	0.5
11	85	7	30	0945	23	2	2	1	35	11.3	31.7					0.5
11	85	7	30	1010	241	1	2	1	10	12.2	31.7					0.4
11	85	7	30	1015	241	2	2	1	5	12.2	31.7	5	4		1	0.3
11	85	7	30	1025	24	1	2	2	-5	10.7	32.1	5	4		11	0.4
11	85	7	30	1025	24	1	2	2	-5	10.7	32.1	5	1		1	0.4
11	85	7	30	1030	24	2	2	2	-10	10.7	32.1					0.4
11	85	7	30	1045	25	1	2	2	-25	11.8	32.8					0.5
11	85	7	30	1050	25	2	2	2	-30	11.8	32.8					0.5
11	85	7	30	1200	34	1	2	2	-100	17.1	15.0	5	3		5	1.2
11	85	7	30	1200	34	1	2	2	-100	17.1	15.0	1	4		1	1.2
11	85	7	30	1205	34	2	2	2	-105	17.1	15.0	2	3		1	1.2
11	85	7	30	1205	34	2	2	2	-105	17.1	15.0	5	3		9	1.2
11	85	7	30	1215	35	1	2	2	-115	12.3	30.0	5	3		1	1.4
11	85	7	30	1220	35	2	2	2	-120	12.3	30.0					1.4
11	85	7	30	1235	7	3	6	2	-135	16.7	2.7	5	3		1	1.5
11	85	7	30	1235	7	3	6	2	-135	16.7	2.7	5	1		1	1.5
11	85	7	30	1235	7	3	6	2	-135	16.7	2.7	3	3		1	1.5
11	85	7	30	1235	7	3	6	2	-135	16.7	2.7	6	3		1	1.5
11	85	7	30	1235	7	3	6	2	-135	16.7	2.7	4	3		1	1.5
11	85	7	30	1240	7	4	6	2	-140	16.7	2.7	5	3		5	1.6
11	85	7	30	1240	7	4	6	2	-140	16.7	2.7	5	1		1	1.6
11	85	7	30	1255	10	3	4	2	-155	16.1	0.4	5	1		2	1.7
11	85	7	30	1255	10	3	4	2	-155	16.1	0.4	5	3		22	1.7
11	85	7	30	1255	10	3	4	2	-155	16.1	0.4	3	3		3	1.7
11	85	7	30	1255	10	3	4	2	-155	16.1	0.4	5	2		16	1.7
11	85	7	30	1300	10	4	4	2	-160	16.1	0.4	7	3		1	1.8
11	85	7	30	1300	10	4	4	2	-160	16.1	0.4	5	3		14	1.8
11	85	7	30	1300	10	4	4	2	-160	16.1	0.4	5	2		2	1.8
11	85	7	30	1310	17	1	1	2	-170	17.9	3.8	5	3		2	1.9
11	85	7	30	1315	16	1	1	2	-175	17.9	3.8	5	3		22	1.9

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
11	85	7	30	1315	16	1	1	2	-175	17.9	3.8	5	4		1	1.9
11	85	7	30	1320	15	1	1	2	-180	17.9	3.8	5	3		1	2.0
11	85	7	30	1335	141	1	1	2	-195	17.9	3.8					2.1
11	85	7	30	1340	151	1	1	2	-200	17.9	3.8					2.1
11	85	7	30	1350	18	1	2	2	200	21.0	2.1	5	3		37	2.2
11	85	7	30	1350	18	1	2	2	200	21.0	2.1	5	2		6	2.2
11	85	7	30	1355	18	2	2	2	195	21.0	2.1	5	3		11	2.3
11	85	7	30	1355	18	2	2	2	195	21.0	2.1	5	2		1	2.3
11	85	7	30	1355	18	2	2	2	195	21.0	2.1	5	4		2	2.3
11	85	7	30	1405	11	1	1	2	185	17.2	5.4	5	3		21	2.4
11	85	7	30	1405	11	1	1	2	185	17.2	5.4	5	2		1	2.4
11	85	7	30	1415	111	1	2	2	175	16.8	5.0	5	3		2	2.5
11	85	7	30	1420	111	2	2	2	170	16.8	5.0	5	3		2	2.5
11	85	7	30	1420	111	2	2	2	170	16.8	5.0	5	2		1	2.5
11	85	7	30	1420	111	2	2	2	170	16.8	5.0	5	1		1	2.5
11	85	7	30	1435	37	1	2	2	155	19.5	5.6	5	3		1	2.6
11	85	7	30	1435	37	1	2	2	155	19.5	5.6	5	1		1	2.6
11	85	7	30	1440	37	2	2	2	150	19.5	5.6					2.7
11	85	7	31	0730	47	1	2	1	210			3	3		4	1.9
11	85	7	31	0730	47	1	2	1	210			5	3		4	1.9
11	85	7	31	0735	47	2	2	1	205							1.9
11	85	7	31	0745	3	3	4	1	195	14.9	8.9	6	3		3	1.8
11	85	7	31	0745	3	3	4	1	195	14.9	8.9	3	2		1	1.8
11	85	7	31	0745	3	3	4	1	195	14.9	8.9	5	3		4	1.8
11	85	7	31	0745	3	3	4	1	195	14.9	8.9	5	2		1	1.8
11	85	7	31	0750	3	4	4	1	190	14.9	8.9	5	3		1	1.7
11	85	7	31	0750	3	4	4	1	190	14.9	8.9	5	2		1	1.7
11	85	7	31	0800	2	3	4	1	180	13.4	6.2	5	2		3	1.6
11	85	7	31	0805	2	4	4	1	175	13.4	6.2	5	2		2	1.6
11	85	7	31	0805	2	4	4	1	175	13.4	6.2	5	3		2	1.6
11	85	7	31	0810	1	3	4	1	170	14.8	7.8	5	1		1	1.5
11	85	7	31	0810	1	3	4	1	170	14.8	7.8	5	3		16	1.5
11	85	7	31	0810	1	3	4	1	170	14.8	7.8	5	2		9	1.5
11	85	7	31	0815	1	4	4	1	165	14.8	7.8	5	2		8	1.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
11	85	7	31	0815	1	4	4	1	165	14.8	7.8	5	3		11	1.5
11	85	7	31	0825	4	3	4	1	155	14.2	7.3	3	2		3	1.4
11	85	7	31	0825	4	3	4	1	155	14.2	7.3	5	3		15	1.4
11	85	7	31	0825	4	3	4	1	155	14.2	7.3	5	2		9	1.4
11	85	7	31	0825	4	3	4	1	155	14.2	7.3	5	1		2	1.4
11	85	7	31	0825	4	3	4	1	155	14.2	7.3	1	4		1	1.4
11	85	7	31	0825	4	3	4	1	155	14.2	7.3	5	4		16	1.4
11	85	7	31	0830	4	4	4	1	150	14.2	7.3	5	1		1	1.4
11	85	7	31	0830	4	4	4	1	150	14.2	7.3	5	4		5	1.4
11	85	7	31	0830	4	4	4	1	150	14.2	7.3	5	2		9	1.4
11	85	7	31	0830	4	4	4	1	150	14.2	7.3	5	3		33	1.4
11	85	7	31	0830	4	4	4	1	150	14.2	7.3	3	3		1	1.4
11	85	7	31	0840	7	5	6	1	140	15.9	4.8	5	1		1	1.3
11	85	7	31	0840	7	5	6	1	140	15.9	4.8	5	3		8	1.3
11	85	7	31	0845	7	6	6	1	135	15.9	4.8	1	4		1	1.3
11	85	7	31	0845	7	6	6	1	135	15.9	4.8	5	2		1	1.3
12	85	8	13	1310	47	1	2	2	210	17.0	0.0	3	3		1	2.5
12	85	8	13	1310	47	1	2	2	210	17.0	0.0	5	3		1	2.5
12	85	8	13	1315	47	2	2	2	205	17.0	0.0	3	3		16	2.5
12	85	8	13	1325	10	1	2	2	195	11.8	0.0					2.7
12	85	8	13	1330	10	2	2	2	190	11.8	0.0	3	2		1	2.7
12	85	8	13	1330	10	2	2	2	190	11.8	0.0	5	4		3	2.7
12	85	8	13	1330	10	2	2	2	190	11.8	0.0	5	2		5	2.7
12	85	8	13	1345	7	1	4	2	175	12.0	0.0	5	2		17	2.8
12	85	8	13	1345	7	1	4	2	175	12.0	0.0	5	3		8	2.8
12	85	8	13	1345	7	1	4	2	175	12.0	0.0	5	1		2	2.8
12	85	8	13	1345	7	1	4	2	175	12.0	0.0	5	4		8	2.8
12	85	8	13	1345	7	1	4	2	175	12.0	0.0	3	3		1	2.8
12	85	8	13	1350	7	2	4	2	170	12.0	0.0					2.8
12	85	8	13	1400	8	1	4	2	160	15.0	1.0	6	3		1	2.9
12	85	8	13	1400	8	1	4	2	160	15.0	1.0	5	3		4	2.9
12	85	8	13	1405	8	2	4	2	155	15.0	1.0	5	1		1	2.9
12	85	8	13	1405	8	2	4	2	155	15.0	1.0	5	4		2	2.9
12	85	8	13	1405	8	2	4	2	155	15.0	1.0	5	2		1	2.9

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
12	85	8	13	1415	6	1	2	2	145	16.2	1.1	5	2		54	3.0
12	85	8	13	1415	6	1	2	2	145	16.2	1.1	5	4		46	3.0
12	85	8	13	1415	6	1	2	2	145	16.2	1.1	5	1		2	3.0
12	85	8	13	1415	6	1	2	2	145	16.2	1.1	5	3		10	3.0
12	85	8	13	1415	6	1	2	2	145	16.2	1.1	2	3		1	3.0
12	85	8	13	1425	6	2	2	2	135	16.2	1.1	5	2		8	3.1
12	85	8	13	1425	6	2	2	2	135	16.2	1.1	5	4		8	3.1
12	85	8	13	1425	6	2	2	2	135	16.2	1.1	5	3		5	3.1
12	85	8	14	0800	21	1	2	1	120	9.0	32.0	5	2		11	1.3
12	85	8	14	0800	21	1	2	1	120	9.0	32.0	5	1		3	1.3
12	85	8	14	0800	21	1	2	1	120	9.0	32.0	5	4		31	1.3
12	85	8	14	0800	21	1	2	1	120	9.0	32.0	1	4		3	1.3
12	85	8	14	0805	21	2	2	1	115	9.0	32.0	5	3		1	1.3
12	85	8	14	0805	21	2	2	1	115	9.0	32.0	5	4		2	1.3
12	85	8	14	0855	292	1	2	1	65	8.5	32.5					1.0
12	85	8	14	0900	292	2	2	1	60	8.5	32.5					1.0
12	85	8	14	0925	27	1	2	1	35	10.0	31.0	5	1		1	0.8
12	85	8	14	0925	27	1	2	1	35	10.0	31.0	5	4		41	0.8
12	85	8	14	0925	27	1	2	1	35	10.0	31.0	1	4		1	0.8
12	85	8	14	0925	27	1	2	1	35	10.0	31.0	2	3		6	0.8
12	85	8	14	0935	27	2	2	1	25	10.0	31.0	5	4		2	0.7
12	85	8	14	1010	28	1	2	2	-10	14.0	27.0					0.7
12	85	8	14	1015	28	2	2	2	-15	14.0	27.0					0.7
12	85	8	14	1035	4	1	4	2	-35	18.0	0.6	3	2		3	0.9
12	85	8	14	1035	4	1	4	2	-35	18.0	0.6	5	4		18	0.9
12	85	8	14	1035	4	1	4	2	-35	18.0	0.6	5	3		3	0.9
12	85	8	14	1040	4	2	4	2	-40	18.0	0.6	5	3		3	0.9
12	85	8	14	1055	1	1	4	2	-55	17.5	2.0	5	4		2	1.1
12	85	8	14	1100	1	2	4	2	-60	17.5	2.0	5	3		2	1.1
12	85	8	14	1100	1	2	4	2	-60	17.5	2.0	5	2		1	1.1
12	85	8	14	1105	2	1	2	2	-65	8.5	3.5	6	3		1	1.2
12	85	8	14	1105	2	1	2	2	-65	8.5	3.5	5	3		19	1.2
12	85	8	14	1105	2	1	2	2	-65	8.5	3.5	5	2		6	1.2
12	85	8	14	1105	2	1	2	2	-65	8.5	3.5	5	4		2	1.2

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
12	85	8	14	1110	2	2	2	2	-70	8.5	3.5	5	2		1	1.2
12	85	8	14	1110	2	2	2	2	-70	8.5	3.5	5	4		1	1.2
12	85	8	14	1110	2	2	2	2	-70	8.5	3.5	5	3		1	1.2
12	85	8	14	1120	3	1	2	2	-80	15.5	4.0	6	3		5	1.3
12	85	8	14	1120	3	1	2	2	-80	15.5	4.0	9	3		1	1.3
12	85	8	14	1130	3	2	2	2	-90	15.5	4.0					1.3
12	85	8	14	1330	18	1	2	2	-210	20.5	0.5	5	4		3	2.3
12	85	8	14	1335	18	2	2	2	210	20.5	0.5	5	4		5	2.3
12	85	8	14	1340	151	1	1	2	205	17.0	0.1					2.3
12	85	8	14	1345	15	1	1	2	200	17.0	0.1	5	3		2	2.4
12	85	8	14	1345	15	1	1	2	200	17.0	0.1	5	4		2	2.4
12	85	8	14	1350	14	1	1	2	195	17.0	0.1	5	3		1	2.4
12	85	8	14	1355	141	1	1	2	190	17.0	0.1					2.5
12	85	8	14	1405	111	1	2	2	180	12.0	3.5	5	3		4	2.6
12	85	8	14	1410	111	2	2	2	175	12.0	3.5	5	3		3	2.6
12	85	8	14	1415	11	1	1	2	170	15.0	5.0					2.7
12	85	8	14	1430	37	1	2	2	155	7.5	6.0					2.8
12	85	8	14	1500	37	2	2	2	125	7.5	6.0	5	3		3	3.0
12	85	8	14	1510	1	3	4	2	115	15.0	4.1	5	3		2	3.1
12	85	8	14	1510	1	3	4	2	115	15.0	4.1	5	4		1	3.1
12	85	8	14	1515	1	4	4	2	110	15.0	4.1	5	3		1	3.1
12	85	8	14	1515	1	4	4	2	110	15.0	4.1	5	4		1	3.1
12	85	8	14	1525	4	3	4	2	100	10.8	2.5	5	3		1	3.2
12	85	8	14	1525	4	3	4	2	100	10.8	2.5	7	1		1	3.2
12	85	8	14	1530	4	4	4	2	95	10.8	2.5	5	3		5	3.2
12	85	8	14	1530	4	4	4	2	95	10.8	2.5	5	4		3	3.2
12	85	8	14	1540	20	1	2	2	85			5	4		3	3.3
12	85	8	14	1545	20	2	2	2	80							3.3
12	85	8	14	1605	7	3	4	2	60	15.5	0.5					3.5
12	85	8	14	1610	7	4	4	2	55	15.5	0.5	3	2		1	3.5
12	85	8	14	1610	7	4	4	2	55	15.5	0.5	5	4		9	3.5
12	85	8	14	1610	7	4	4	2	55	15.5	0.5	5	3		4	3.5
12	85	8	14	1620	8	3	4	2	45	14.9	1.0					3.6
12	85	8	14	1625	8	4	4	2	40	14.9	1.0					3.6

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
12	85	8	15	0835	241	1	2	1	125			5	1		1	2.3
12	85	8	15	0840	241	2	2	1	120			5	4		1	2.2
12	85	8	15	0905	24	1	2	1	95							2.1
12	85	8	15	0910	24	2	2	1	90			5	2		9	2.1
12	85	8	15	0910	24	2	2	1	90			5	1		8	2.1
12	85	8	15	0910	24	2	2	1	90			5	4		19	2.1
12	85	8	15	0910	24	2	2	1	90			2	3		2	2.1
12	85	8	15	0945	25	1	2	1	55	12.0	27.0	5	3		2	2.0
12	85	8	15	0945	25	1	2	1	55	12.0	27.0	5	4		4	2.0
12	85	8	15	0950	25	2	2	1	50	12.0	27.0	5	3		1	1.9
12	85	8	15	1020	23	1	2	1	20	14.0	25.5					1.8
12	85	8	15	1025	23	2	2	1	15	14.0	25.5					1.8
12	85	8	15	1050	34	1	2	1	-10	16.0	24.0					1.7
12	85	8	15	1055	34	2	2	1	-15	16.0	24.0	5	4		1	1.7
12	85	8	15	1125	5	1	2	2	-45	18.0	13.0	5	4		103	2.0
12	85	8	15	1125	5	1	2	2	-45	18.0	13.0	5	1		5	2.0
12	85	8	15	1125	5	1	2	2	-45	18.0	13.0	5	2		9	2.0
12	85	8	15	1125	5	1	2	2	-45	18.0	13.0	3	4		4	2.0
12	85	8	15	1125	5	1	2	2	-45	18.0	13.0	2	3		4	2.0
12	85	8	15	1125	5	1	2	2	-45	18.0	13.0	5	3		3	2.0
12	85	8	15	1140	5	2	2	2	-60	18.0	13.0	5	4		66	2.1
12	85	8	15	1140	5	2	2	2	-60	18.0	13.0	5	2		9	2.1
12	85	8	15	1140	5	2	2	2	-60	18.0	13.0	5	3		6	2.1
12	85	8	15	1140	5	2	2	2	-60	18.0	13.0	2	3		1	2.1
12	85	8	15	1140	5	2	2	2	-60	18.0	13.0	3	4		1	2.1
12	85	8	15	1240	17	1	1	2	-120							2.4
12	85	8	15	1245	16	1	1	2	-125			5	3		9	2.4
12	85	8	15	1245	16	1	1	2	-125			5	4		6	2.4
12	85	8	15	1245	16	1	1	2	-125			5	2		1	2.4
13	85	8	27	1245	47	1	4	2	200	17.3	0.6					3.0
13	85	8	27	1250	47	2	4	2	195	17.3	0.6					3.0
13	85	8	27	1255	10	1	4	2	190	17.0	0.7	5	3		1	3.0
13	85	8	27	1255	10	1	4	2	190	17.0	0.7	5	4		2	3.0
13	85	8	27	1300	10	2	4	2	185	17.0	0.7					3.1

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
13	85	8	27	1305	7	1	4	2	180	17.8	0.7	3	3		1	3.1
13	85	8	27	1305	7	1	4	2	180	17.8	0.7	5	4		2	3.1
13	85	8	27	1310	7	2	4	2	175	17.8	0.7	3	3		2	3.1
13	85	8	27	1325	8	1	4	2	160	17.2	0.6	5	4		2	3.2
13	85	8	27	1330	8	2	4	2	155	17.2	0.6	5	4		2	3.2
13	85	8	27	1340	6	1	4	2	145	12.8	0.3	5	4		99	3.3
13	85	8	27	1340	6	1	4	2	145	12.8	0.3	5	1		1	3.3
13	85	8	27	1340	6	1	4	2	145	12.8	0.3	3	4		1	3.3
13	85	8	27	1345	6	2	4	2	140	12.8	0.3	5	4		4	3.3
13	85	8	27	1350	4	1	4	2	135	12.0	0.7	3	4		1	3.4
13	85	8	27	1355	4	2	4	2	130	12.0	0.7	3	1		1	3.4
13	85	8	27	1355	4	2	4	2	130	12.0	0.7	5	4		6	3.4
13	85	8	27	1405	1	1	4	2	120	17.5	0.8	5	4		18	3.5
13	85	8	27	1410	1	2	4	2	115	17.5	0.8	5	4		6	3.5
13	85	8	27	1425	20	1	4	2	100	12.0		5	4		4	3.6
13	85	8	27	1430	20	2	4	2	95	12.0		5	4		2	3.6
13	85	8	28	0735	35	1	2	1	150	11.6	30.8	5	4		18	2.0
13	85	8	28	0740	35	2	2	1	145	11.6	30.8	5	4		34	2.0
13	85	8	28	0800	23	1	2	1	125	10.2	32.4					1.9
13	85	8	28	0805	23	2	2	1	120	10.2	32.4					1.9
13	85	8	28	0835	241	1	2	1	90	10.5	32.0	5	4		3	1.7
13	85	8	28	0840	241	2	2	1	85	10.5	32.0					1.7
13	85	8	28	0850	24	1	2	1	75	9.9	32.8					1.6
13	85	8	28	0855	24	2	2	1	70	9.9	32.8					1.6
13	85	8	28	0905	25	1	2	1	60	10.7	31.9					1.5
13	85	8	28	0910	25	2	2	1	55	10.7	31.9					1.5
13	85	8	28	0935	27	1	2	1	30	10.4	32.4					1.4
13	85	8	28	0940	27	2	2	1	25	10.4	32.4					1.4
13	85	8	28	1000	28	1	2	1	5	11.0	32.0	5	1		1	1.5
13	85	8	28	1000	28	1	2	1	5	11.0	32.0	5	4		2	1.5
13	85	8	28	1005	28	2	2	1	0	11.0	32.0	5	4		2	1.5
13	85	8	28	1015	292	1	2	2	-10	10.5	32.0	5	1		1	1.6
13	85	8	28	1015	292	1	2	2	-10	10.5	32.0	5	4		2	1.6
13	85	8	28	1020	292	2	2	2	-15	10.5	32.0	3	2		2	1.7

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
13	85	8	28	1040	21	1	2	2	-35	12.4	31.1	5	1		7	1.8
13	85	8	28	1040	21	1	2	2	-35	12.4	31.1	5	4		82	1.8
13	85	8	28	1040	21	1	2	2	-35	12.4	31.1	2	3		1	1.8
13	85	8	28	1045	21	2	2	2	-40	12.4	31.1	6	3		1	1.8
13	85	8	28	1045	21	2	2	2	-40	12.4	31.1	5	4		1	1.8
13	85	8	28	1150	20	3	4	2	-105	10.8	31.3	5	4		13	2.3
13	85	8	28	1155	20	4	4	2	-110	10.8	31.3	5	4		3	2.3
13	85	8	28	1220	5	1	2	2	-135	10.9	31.4	5	4		12	2.6
13	85	8	28	1225	5	2	2	2	-140	10.9	31.4	5	4		25	2.6
13	85	8	28	1235	34	1	2	2	-150	12.3	30.6					2.7
13	85	8	28	1240	34	2	2	2	-155	12.3	30.6	5	4		8	2.7
13	85	8	28	1300	17	1	1	2	-175	17.2						2.8
13	85	8	28	1305	16	1	1	2	-180							2.8
13	85	8	28	1310	15	1	1	2	-185	17.2		5	4		2	2.9
13	85	8	28	1315	14	1	1	2	-190			5	4		3	2.9
13	85	8	28	1320	141	1	1	2	-195			5	4		1	3.0
13	85	8	28	1325	151	1	1	2	190	17.2						3.0
13	85	8	28	1345	18	1	2	2	170	18.2		5	4		2	3.1
13	85	8	28	1350	18	2	2	2	165	18.2		5	4		22	3.1
13	85	8	28	1405	11	1	1	2	150	17.1		5	4		13	3.2
13	85	8	28	1410	111	1	2	2	145	17.6		5	4		8	3.2
13	85	8	28	1415	111	2	2	2	140	17.6		5	4		2	3.3
13	85	8	28	1425	37	1	2	2	130	18.0		5	4		4	3.5
13	85	8	28	1430	37	2	2	2	125	18.0						3.5
13	85	8	29	0625	47	3	4	1	-200	12.8						2.7
13	85	8	29	0630	47	4	4	1	-205	12.8						2.7
13	85	8	29	0635	10	3	4	1	-210	14.6						2.7
13	85	8	29	0640	10	4	4	1	-215	14.6		6	3		1	2.6
13	85	8	29	0645	7	3	4	1	-220	14.2		5	1		1	2.6
13	85	8	29	0645	7	3	4	1	-220	14.2		3	3		1	2.6
13	85	8	29	0650	7	4	4	1	-225	14.2		3	3		1	2.5
13	85	8	29	0650	7	4	4	1	-225	14.2		5	1		1	2.5
13	85	8	29	0650	7	4	4	1	-225	14.2		5	4		7	2.5
13	85	8	29	0655	8	3	4	1	-230	14.2						2.5

CAMPBELL RIVER - 1985 - CATCH DATA

TRIP NUM BER	YEAR	MONTH	DAY	TIME PST	SN	HAUL	TOTAL SETS	TIDE TYPE	MIN TO SLACK	TEMP C	SAL	SPECIES CODE	GROUP CODE	STAGE CODE	CATCH	TIDE HEIGHT METER
13	85	8	29	0700	8	4	4	1	-235	14.2						2.5
13	85	8	29	0710	6	3	4	1	230	14.5		5	1		7	2.4
13	85	8	29	0710	6	3	4	1	230	14.5		5	4		71	2.4
13	85	8	29	0710	6	3	4	1	230	14.5		3	2		1	2.4
13	85	8	29	0710	6	3	4	1	230	14.5		6	3		1	2.4
13	85	8	29	0715	6	4	4	1	225	14.5						2.4
13	85	8	29	0725	4	3	4	1	215	13.6		5	4		19	2.3
13	85	8	29	0730	4	4	4	1	210	13.6		5	1		2	2.3
13	85	8	29	0730	4	4	4	1	210	13.6		3	2		9	2.3
13	85	8	29	0730	4	4	4	1	210	13.6		5	4		15	2.3
13	85	8	29	0745	1	3	4	1	195	13.4		2	3		1	2.3
13	85	8	29	0745	1	3	4	1	195	13.4		5	4		7	2.3
13	85	8	29	0750	1	4	4	1	190	13.4		5	4		15	2.2
13	85	8	29	0755	2	1	2	1	185	14.0						2.2
13	85	8	29	0800	2	2	2	1	180	14.0		5	4		1	2.2
13	85	8	29	0810	3	1	2	1	170	13.9		5	4		1	2.2
13	85	8	29	0810	3	1	2	1	170	13.9		7	3		1	2.2
13	85	8	29	0815	3	2	2	1	165	13.9		5	4		1	2.1

FIGURES

Fig. 1. Estuarine and transition zone station locations.

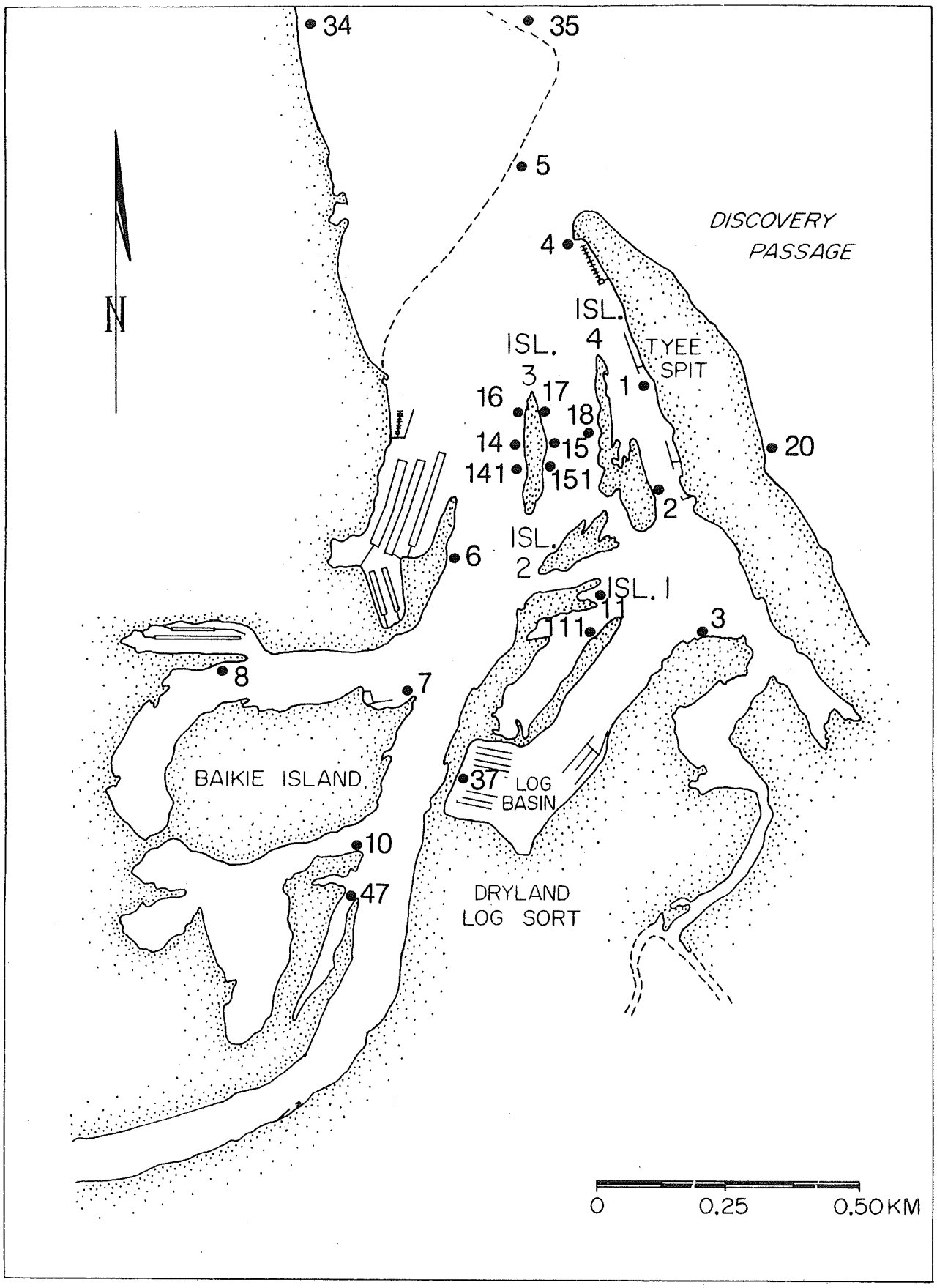
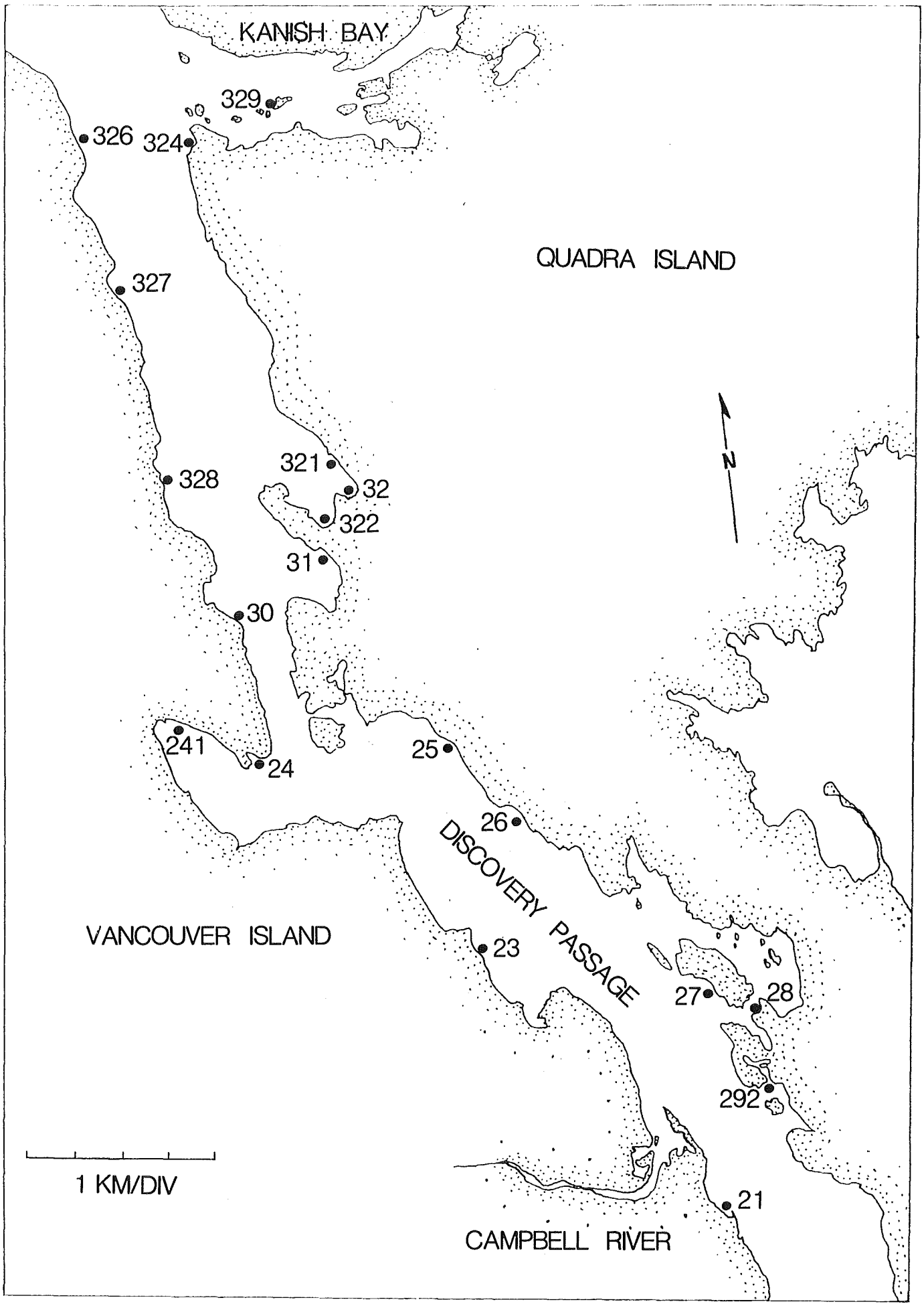

34
35
5
DISCOVERY
PASSAGE
4
N
ISL.
4
ISL.
3
TYEE
SPIT
1
16
17
18
14
15
20
141
151
2
ISL.
2
6
ISL. 1
11
11
3
8
7
BAIKIE ISLAND
37
LOG
BASIN
10
47
DRYLAND
LOG SORT
0
0.25
0.50KM

Fig. 2. Station locations within Discovery Passage and Seymour Narrows.


KANISH BAY
329
326
324
QUADRA ISLAND
327
N
321
328
32
322
31
30
241
24
25
26
DISCOVERY PASSAGE
VANCOUVER ISLAND
23
27
28
292
1 KM/DIV
21
CAMPBELL RIVER