

TCNB 8702

February 1987

THE PACIFIC SALMON COMMISSION
NORTHERN BOUNDARY TECHNICAL COMMITTEE SPECIAL REPORT

REPORT TCNB (87)-2

STATUS OF CHUM STOCKS IN THE
NORTHERN BOUNDARY AREAS

Northern Boundary Technical Committee
Special Report

Status of Chum Stocks in the
Northern Boundary Areas

Submitted to

Pacific Salmon Commission - Northern Panel
February 1987

TABLE OF CONTENTS

TABLE OF CONTENTS.....	i
LIST OF TABLES.....	iii
LIST OF FIGURES.....	v
INTRODUCTION.....	1
CHUM ESCAPEMENTS	
CANADA (NORTHERN B.C., STATISTICAL AREAS 1-10).....	2
Introduction.....	2
Area 3 Escapement Patterns.....	2
Area 3 Run Timing.....	3
Areas 1-10 Escapement Patterns.....	3
Queen Charlotte Islands (Areas 1, 2E, 2W).....	4
Skeena-Nass (Areas 3, 4, 5).....	4
Central Coast (Areas 6 - 10).....	4
SOUTHERN SOUTHEAST ALASKA (DISTRICT 101).....	4
Introduction.....	4
Portland Canal.....	5
Boca de Quadra.....	5
East Behm Canal.....	5
Revillagigedo Island.....	5
CHUM CATCHES	
CANADA (NORTHERN B.C., STATISTICAL AREAS 1-10).....	6
Introduction.....	6
Area 3.....	6
Queen Charlotte Islands (Areas 1, 2E, 2W).....	7
Skeena-Nass (Areas 3, 4, 5).....	7
Central Coast (Areas 6 - 10).....	7
SOUTHERN SOUTHEAST ALASKA (DISTRICTS 101 & 104).....	7
Introduction.....	7
Portland Canal.....	8
Tree Point/Cape Fox (District 101-11).....	8
Boca de Quadra (District 101-30).....	8
Lower Revilla Channel (Districts 101-23 & 41)...	8
Upper Revilla Channel (Districts 101-43 to 47)..	9
East Behm Canal (Districts 101-51 to 55).....	9
West Behm Canal (Districts 101-80,90 & 95).....	9
Gravina Island (Districts 101-27 & 29).....	9
Annette Island (Districts 101-24,26,28 & 42)....	9
Noyes/Dall Island (District 104).....	10

TABLE OF CONTENTS (CONT'D)

CHANGES IN HARVEST PATTERNS IN RESPONSE TO ENHANCED CHUM IN THE NORTHERN BOUNDARY AREA.....	10
CANADA, NORTHERN BRITISH COLUMBIA.....	10
SOUTHERN SOUTHEAST ALASKA.....	10
BOUNDARY AREA CHUM TAGGING.....	11
A REVIEW OF HISTORICAL CHUM SALMON TAGGING, 1924-68..	11
A REVIEW OF CHUM SALMON TAGGING INCIDENTAL TO SCCKEYE AND PINK TAGGING IN 1983, 84 & 85.....	11
Stock Composition.....	11
Migration Timing.....	12
SUMMARY OF THE STATUS OF SUMMER CHUM IN THE NORTHERN BOUNDARY AREA.....	13
References.....	14
Tables.....	16
Figures.....	50
APPENDIX I NORTHERN BOUNDARY AREA CHUM ESCAPEMENTS	
APPENDIX II NORTHERN BOUNDARY AREA CHUM CATCHES	

LIST OF FIGURES

Figure

1.	Statistical areas of British Columbia.	16
2.	Area 3 chum spawning streams.	17
	Key to Figure 2.	18
3.	Annual chum escapements of all Area 3 stocks.	19
4.	Area 3 chum escapement targets by stream groupings.	19
5.	Annual escapement figures for Portland Canal chum.	20
6.	Annual escapement figures for Observatory Inlet chum.	20
7.	Annual escapement figures for Nass River subsystem chum.	20
8.	Annual escapement figures for Portland Inlet chum.	21
9.	Annual escapement figures for Work Channel chum.	21
10.	Annual escapement figures for Coastal Streams chum.	21
11.	Annual escapement figures for Areas 1, 2W, 2E chum.	22
12.	Annual escapement figures for Areas 3, 4, 5 chum.	22
13.	Annual escapement figures for Areas 6-10 chum.	22
14.	Southern Southeast Alaskan chum spawning streams.	23
	Key to Figure 14.	24
15.	Portland Canal-Hidden Inlet, peak escapement counts, 1960-1986.	25
16.	Portland Canal-Fish Creek (Hyder), peak escapement counts, 1960-1986.	26
17.	Portland Canal-Tombstone River, peak escapement counts, 1960-1986.	27
18.	Boca de Quadra Tributary chum salmon, peak escapement counts, 1960-1986.	28
19.	East Behm Canal-Blossom River, peak escapement counts, 1960-1986.	29
20.	East Behm Canal-Wilson River, peak escapement counts, 1960-1986.	29
21.	East Behm Canal-Klahini Creek, peak escapement counts, 1960-1986.	30
22.	East Behm Canal-Eulachon River, peak escapement counts, 1960-1986.	30
23.	East Behm Canal-King Creek, peak escapement counts, 1960-1986.	31
24.	East Behm Canal-Big Goat Creek, peak escapement counts, 1960-1986.	31
25.	East Behm Canal-Grant Creek, peak escapement counts, 1960-1986.	32
26.	West Behm Canal-Herman Creek, peak escapement counts, 1960-1986.	32
27.	Revillagigedo Island, peak escapement counts, 1960-1986.	33
28.	Management subareas in Area 3.	34
29.	Total Area 3 chum net catch 1960-1986.	35

LIST OF FIGURES (CONT'D)

Figure

30.	Area 3X chum net catch 1960-1986.	36
31.	Area 3Y chum net catch 1960-1986.	36
32.	Area 3Z chum net catch 1960-1986.	36
33.	Chum net catches for 1, 2W, 2E, 1951-1986.	37
34.	Chum net catches for Areas 3, 4, 5, 1951-1986.	37
35.	Chum net catches for Areas 6-10, 1951-1986.	37
36.	Alaska Department of Fish and Game Statistical Areas.	38
37.	Noyes Island (District 104) chum salmon seine catch, 1960-1986.	39
38.	Tree Point (101-11) chum salmon gillnet catch, 1960-1986.	40
39.	Portland Canal (101-13) chum salmon gillnet catch, 1960-1986.	41
40.	Lower Clarence (101-21,-25) chum salmon purse seine catch, 1960-1986.	42
41.	Gravina Island (101-27,-29) chum salmon purse seine catch, 1960-1986.	43
42.	Upper Revilla Channel (101-43 - 101-47) chum purse seine catch, 1960-1986.	44
43.	Lower Revilla Channel (101-23,-41) chum purse seine catch, 1960-1986.	45
44.	Annette Island (101-24,-26,-28,-42) chum purse seine catch, 1960-1986.	46
45.	Boca de Quadra (101-30) chum salmon purse seine catch, 1960-1986.	47
46.	East Behm Canal (101-53, 101-55) chum purse seine catch, 1960-1986.	48
47.	West Behm Canal (101-80,-90,-95) chum purse seine catch, 1960-1986.	49

LIST OF TABLES

Table

1.	Proportion of Southeast Alaska enhanced chum salmon contributing to Northern Boundary Fisheries.	50
2.	Summary of commercial recoveries of chum salmon tagged in southern Southeast Alaska, 1924-1958.	51
3.	Summary of commercial recoveries of chum salmon tagged in British Columbia, 1929-1968.	55
4.	Number of tagged pink, sockeye & chum salmon released in southern Southeast Alaska & northern British Columbia, 1982-1985.	59
5.	The number of tags recovered in the study area from chum salmon over the period 1983-85 by recovery and release area/district.	60
6.	Select Boca de Quadra, East Behm, West Behm and Revillagigedo Island tributary in-stream chum salmon tag recoveries (unexpanded) 1983-1985.	61
7.	Select Portland Canal tributary in-stream chum salmon tag recoveries (unexpanded) 1983-1985.	64

INTRODUCTION

This report was prepared in response to a recommendation to the Northern Boundary Technical Committee issued by the Northern Panel following their meeting in Vancouver, February 17-18, 1986.

The panel requested:

"Chum Stock Status

The Northern Panel instructed the Northern Boundary Technical Committee to review available data and evaluate the status of chum salmon stocks in the Boundary area. This action was taken in response to concerns that some Northern Boundary area chum salmon stocks are depressed and that the data base is not adequate to evaluate either the seriousness of this problem or what fisheries management actions might be taken to correct it. A report on this activity should be available by the fall of 1986."

Also, concern for the status of chum salmon stocks in Portland Canal was expressed directly in Annex IV, Chapter 2 of the treaty:

"Considering that the chum salmon stocks originating in streams in the Portland Canal require rebuilding, the Parties agree in 1985 to jointly reduce interception of these stocks to the extent practicable and to undertake assessments to identify possible measures to restore and enhance these stocks. On the basis of such assessments, the Parties shall instruct the Commission to identify long-term plans to rebuild stocks."

The response of the Northern Boundary Technical Committee is comprised of three parts:

1. An oral presentation given at the Pacific Salmon Commission meeting November 17-21.
2. A written summary completed after the oral presentation.
3. Detailed data summaries containing the background information.

The priorities for this document are to report on Portland Canal chum. Other chum stocks in adjacent boundary areas are included for streams in U.S. District 101 and Canadian Area 3. This extends the focus to cover boundary area stocks of highest profile in terms of conservation and interception problems.

Significant chum stocks occur outside these areas but are not included in this document.

Our knowledge of chum stocks is minimal. Details of spawning escapements and catch are provided, but no good information on stock compositions, migration patterns or interception rates are available.

CHUM ESCAPEMENTS

CANADA (NORTHERN BRITISH COLUMBIA, STATISTICAL AREAS 1-10)

Introduction

Chum escapements to northern British Columbia (Canadian Statistical Areas 1 through 10, Fig. 1) are reviewed with emphasis placed on detailing the status of Area 3 escapements as these stocks are most pertinent for current U.S.-Canada discussions. Chum escapement patterns to other North Coast areas including the Queen Charlotte Islands (Statistical Areas 1, 2E and 2W), Skeena (Statistical Areas 4 and 5) and Central Coast (Statistical Areas 6 through 10) are summarized. Annual chum escapements by statistical area (1 through 10) are presented in Appendix I, Table I.2.

Area 3 Escapement Patterns

Area 3 spawning escapements by stream from 1950-1986 are outlined in Appendix I (Table I.1). The locations of the 47 chum streams in Area 3 are shown in Figure 2. Total chum escapement to these streams has been highly variable over the past 37 years, fluctuating around 50,000 or about 50% of the total Area 3 target escapement but not showing any trend to increase or decrease in the long term (Fig. 3). Figure 4 illustrates the relative proportion of the Area 3 target escapement represented by each subarea grouping. See Appendix 1, Table I.1 for streams included in each grouping.

Escapement patterns from 1950-1986 for six Area 3 escapement subareas are provided in Figures 5 - 10. The escapement patterns outlined in these graphs are summarized below:

Subarea	Target	Long Term Trends	Current Status
Portland Canal	11,750	Severe decline since early 70's	<10% of target
Observatory Inlet	43,800	Highly variable, up since mid 70's	60-80% of target
Nass River	22,425	Increase since mid 70's	10-50% of target

Portland Inlet	23,500	Slow decline from mid 60's	10-65% of target
Work Channel	13,750	Slow decline, highly variable	15-25% of target
Coastal Streams	450	Irregular surveys until 1980's	5-35% of target
Area 3 Total	115,675	Stable, fluctuating	30-60% of target

The Portland Canal stocks are by far the most depressed. Nass River, Portland Inlet, Work Channel and the Coastal streams are also under-escaped. Observatory Inlet does not appear to be as badly depressed but of the eight streams in the escapement subarea, the Kshwan River contributes over two-thirds of the escapement to this subarea. In 1986 the Kshwan accounted for 20,000 of the total Observatory Inlet escapement of 27,000.

Area 3 Run Timing

Run timings for Area 3 chum are outlined in Appendix I, Table I.3. Approximate arrival, start, peak and end of spawning are provided. The majority of Area 3 chum spawn during the period mid-August to early September and are categorized as 'summer' chum. The exceptions are a small number of Nass River tributaries where the peak of spawning ranges mid-September to early November and these stocks are classified as fall chum.

Area 1 - 10 Escapement Patterns

The following narrative provides a comparison of chum escapement in the three main management divisions on the British Columbia coast. Chum escapements to these North Coast areas are summarized in Figures 11 to 13 and Appendix I, Table I.2. Breakdowns of chum escapements are provided for the Queen Charlotte Islands, (Areas 1, 2W, 2E) Skeena/Nass, (Areas 3, 4, and 5) and Central Coast, (Areas 6, 7, 8, 9 and 10).

The long term average escapement and approximate target escapements shown below illustrate the relative magnitude of the chum stocks in each area.

	Stat. Area	1950-86 Avg. Esc.	Target Esc.	Prelim. 1986 Esc.
Q.C.I.	1,2E,2W	370,000	675,000	310,000
Skeena/Nass	3,4,5	85,000	200,000	63,000
Central Coast	6,7,8,9,10	600,000	1,300,000	850,000

Queen Charlotte Islands (Areas 1, 2E, 2W)

The Q.C.I. (Queen Charlotte Islands) chum stocks represent one third of the potential production for Northern B.C. chum stocks. Current escapements fluctuate around 40% of the target of 675,000. Historically, escapements showed wide fluctuations from 1950-65, declined from 1965-75 and showed a slight increase over the past 10 years. The Queen Charlotte Islands chum stocks are fall chum, spawning from early September through November.

Skeena-Nass (Areas 3, 4, 5)

The Skeena-Nass systems (including Area 3) account for only 10% of the potential Northern British Columbia chum production. The Skeena-Nass chum are predominantly the summer type. The 1986 escapement estimate to date is less than one third of the target, and historically escapements have fluctuated around 50% of the target.

Central Coast (Areas 6 to 10)

The Central Coast potential chum production represents 60% of the Northern British Columbia total. Central Coast stocks are predominantly summer type. In the last four years, these Central Coast chum have started to increase following a depression from 1975 to 1982.

SOUTHERN SOUTHEAST ALASKA (DISTRICT 101)

Introduction

Two broad categories of chum salmon spawners occur in southern Southeast Alaska - summer chum and fall chum. Summer chum spawn during July, August and September in, for the most part, mainland streams. Fall chum spawn during September, October and November in, for the most part, island streams. The primary conservation problems with chum salmon in the boundary area concern summer chums; consequently, information on fall chum are omitted in this section. In future reports a summary of the status of fall chum salmon will be included.

The location of the major summer type chum salmon streams in southern Southeast Alaska (S.S.E.) is shown in Figure 14. Streams having escapement counts of 10,000 or more chum salmon are identified by circled numbers. Uncircled numbers identify streams with escapement counts of 500 or more chum salmon. Names of the streams shown in Figure 14 are identified in the key following the figure.

A major caveat exists in the Alaskan escapement data. In most chum salmon streams ever more pinks spawn than chums. During aerial surveys the chums get "masked" by the much greater numbers of pinks in the streams and the chums often do not get counted. Fortunately, in some major pink/chum rivers the chums tend to come in earlier than the pinks so the early counts are good.

Examples are the Tombstone River in Portland Canal and the Keta River in Boca De Quadra.

Except for the last few years very few pink salmon spawn in Fish Creek (near Hyder). The pinks that do spawn there are usually well segregated from the chum so the chum counts at Fish Creek are more precise than most other systems. Also, Fish Creek is the only major system that gets regular foot survey counts in addition to aerial counts during the season.

Yearly peak escapement counts of chum salmon for streams in the various districts are summarized by decades for the years 1960-1986 in Appendix 1, Table I.4.

Portland Canal

There are three major spawning streams in Portland Canal, Fish Creek - a tributary of the Salmon River (near Hyder), the Tombstone River, and the stream at the head of Hidden Inlet. A declining trend in escapements is evident at Hidden Inlet (Fig. 15). This trend could be explained by the fact that this system is close to several major fisheries. Fish Creek and Tombstone escapements have no doubt benefited from recent fishery closures in upper Portland Canal (Figs. 16 & 17). The variable escapement counts in these two streams do not show the steady decline seen in Hidden Inlet.

Boca de Quadra

The Keta and Marten Rivers are the major chum salmon systems in Boca De Quadra. The Keta has shown a remarkable surge in escapements in 1984, 1985 and 1986 after a record low in 1983. Except for 1980, the escapements in the Marten River have remained at low levels since the early 1970's (Fig. 18).

East Behm Canal

The Wilson and Blossom Rivers exemplify the problem of obtaining good aerial counts because of the large numbers of pink salmon present. Certainly, large numbers of chum salmon were present in the Wilson in 1985 and 1986 and in the Blossom in 1985 (Figs. 19 & 20). Other systems in East Behm Canal have also shown large fluctuations in abundance (Figs. 20, 21, 22, 23, 24 & 25).

Revillagigedo Island

Carrol Creek and Traitors River seem to show opposite trends since the early 1970's (Fig. 27). Carrol Creek seems to be on an increasing trend and Traitors River seems to be declining.

CHUM CATCHES

CANADA (NORTHERN BRITISH COLUMBIA, STATISTICAL AREAS 1-10)

Introduction

Chum net catches in Northern British Columbia (Statistical Areas 1-10) are reviewed with emphasis on Area 3. Weekly Area 3 gillnet and seine catches from 1960-1986 are shown in Appendix II, Tables II.1-II.6. Catches in Areas 4 and 5 are included to complete the Skeena-Nass region. The Q.C.I. (Areas 1, 2E, 2W) and Central Coast (Areas 6-10) catches are also summarized. Annual chum catches by statistical area (1 through 10) are presented in Appendix II, Table II.43.

Although chum catches are provided in detail for most of the boundary areas, specific Canadian catch data for Portland Canal is not available. The data source for such fine scale information is Fishery Officer Radio logs. However, fishing periods and catches in Portland Canal were recorded only sporadically for the period 1960-1980.

Chum catches for Area 3 are incidental to those of other species. Thus, these catches do not truly reflect stock abundance, merely the fishing pressure on the targeted species.

Area 3

As illustrated in Figure 29, the Area 3 chum catch is characterized by large fluctuations showing no clear pattern since 1970. However, a breakdown of the catch by net gear type does show trends:

Area 3 10-year average and 1986 chum catches

Year	Gillnet	Seine	Net Total
1960-1969	60,918	35,866	96,784
1970-1979	113,826	47,302	161,128
1980-1986	75,014	101,793	176,807
1986	48,184	145,720	193,904

The gillnet catch has declined to less than half the 1970's catch, while the seine catch has shown a corresponding increase. This decrease in gillnet catches reflects the increased closures of target gillnet fisheries in the inside areas for chum conservation. The increased seine catch reflects the increased exploitation of Area 3 and 4 pink that has been required in recent years.

The Area 3 subarea catches are illustrated in Figures 30 to 32; the location of these subareas within Area 3 is illustrated in Figure 28. Detailed seine and gillnet catch data by week are

provided for subareas 3X, 3Y and 3Z from 1960-1986 (Appendix II, Tables II.7 to II.24).

The chum catch in Area 3X has gradually increased from the 1960's, and since 1980 has represented 17% of the Area 3 chum mean catch of 180,000 (1980-1986). The catch in Area 3Y has also shown a gradual increase over the past 25 years and since 1980 accounts for 30% of the Area 3 catch. Area 3Z represents 53% of the Area 3 total since 1980, however, the chum catch has been highly variable between years.

Northern B.C. - Q.C.I. (Areas 1, 2E & 2W); Skeena-Nass (Areas 3, 4 & 5); Central Coast (Areas 5-10)

Queen Charlotte Islands (Areas 1, 2E and 2W)

The Q.C.I. (Queen Charlotte Islands) catch has averaged 250,000 for the period 1951-86. The historic catch pattern has been erratic. The average catch of 500,000 over the past three years comes after a 10 year slump where the catch averaged only 100,000 (Fig.33). The Q.C.I. chum are fall spawners, and fisheries are in terminal areas in September and October. A small catch of chum occurs in Area 1 during the interception fishery on Skeena-Nass pink and sockeye, however this catch is small, averaging only 10,269 (1984-86).

Skeena-Nass (Areas 3, 4, 5)

Areas 4 and 5 weekly chum catches for 1960-1986 are included in Appendix II, Tables II.31 to II.36. The chum catch in Area 4 is incidental during fisheries on sockeye and pink and has increased from the 1960's decade average of 27,000 to 69,000 during the 1980's. The Area 5 chum catch has declined during the corresponding period from 71,000 to 23,000 mainly due to a reduction in target fisheries on local stocks and the restriction of outside fisheries (see Appendix II, Tables II.37 to II.42).

The chum catch in Areas 3, 4 and 5 combined shows a variable but steady pattern since 1950 (Fig. 34).

Central Coast (Areas 6-10)

The bulk of the Central Coast catch is from target fisheries on local surplus stocks. Central Coast chum catches have been highly erratic, with a long term (1951-86) average of 800,000. Catches in 1986 were an all time high of 2.2 million which follows a period of depressed catches from 1975 to 1984 (Fig. 35).

SOUTHERN SOUTHEAST ALASKA (DISTRICTS 101 & 104)

Introduction

Southern Southeast Alaska, District 101 subareas and District 104

chum net catches are reviewed. Tables of annual chum catch are listed in Appendix II (Tables II.44-II.46). Tables of weekly catches are also located in Appendix II (Tables II.47-II.146). Specific table references are described by subarea below. Figure 36 illustrates southern Southeast Alaskan statistical areas.

Portland Canal (District 101-13 and 15)

Chum salmon catches in the Portland Canal gillnet fishery have ranged from a high of 47,471 in 1960 to a low of 36 in 1966 (Appendix II, Table II.44 & II.51-II.58). The depressed state of these stocks as illustrated by escapement levels has been the major justification for the continued closure of this fishery in subdistrict 15 since 1973 and only sporadic openings in subdistrict 13 through 1986. Only slight improvements in escapement levels have been noted in Portland Canal streams since institution of these closures. See Figure 39 for a graph of Portland Canal chum catches, for the period 1960-1986.

Tree Point/Cape Fox (District 101-11)

Commercial gillnet fishery catches of chum salmon in this area have ranged from a low of 21,400 in 1969 to a high of 268,240 in 1986 (Appendix II, Tables II.44 & II.47-II.50). Variations in wild stock production have accounted for the vacillating yearly catches until 1982 when the first returns of Nakat Inlet enhanced chum salmon began to appear in the commercial catch (see Fig. 38). Since this date, the commercial catch of chum salmon has shown a steady increase with returns to Nakat Inlet accounting for a large portion of these catches. Wild stock production also appears to be improving in Boca de Quadra and East Behm Canal streams but to what extent is difficult to assess due to the influx of Nakat Inlet chum salmon.

Boca de Quadra (District 101-30)

The commercial seine fishery catch of chum salmon in this area has varied from a low figure of 18 in 1965 to a substantial figure of 40,222 in 1960 (Appendix II, Tables II.45 & II.91-II.94). Wide variations in the catch of chum salmon have occurred in this area due primarily to changes in wild stock production. Returns to this area have reached well below basic escapement needs during a number of years which resulted in no catch or complete closure of this fishery in 10 of the last 26 years (see Fig. 45).

Lower Revilla Channel (Districts 101-23 and 41)

Commercial seine fishery catches of chum salmon in this location have ranged from a low of 0 catch in 1979 to a high of 157,317 in 1984 (Appendix II, Tables II.45 & II.63-66 and II.95-II.98). Again, substantial variations in commercial catch have occurred in this fishery due primarily to fluctuating wild stock production until recent years (1982 and on) when the influence of the Nakat Inlet enhanced chum salmon returns were noted (see

Fig.43).

Upper Revilla Channel (Districts 101-43 to 47)

Chum salmon seine fishery catches in this area have varied from a minimum of zero in 1969, 1979 and 1983 to a maximum of 72,048 in 1985 (Appendix II, Tables II.45 & II.103-II.122). Wild stock chum production has vacillated dramatically in this area which accounts for the wide changes in commercial catch over the years. Only in recent years has the catch began to increase with the influx of enhanced chum salmon from the Nakat Inlet, Beaver Falls and Neets Bay facilities plus improved wild stock production accounting for the increase (see Fig. 42).

East Behm Canal (Districts 101-51 to 55)

The commercial seine catch of chum salmon in this area has varied from a low figure of zero in 1969, 1973, 1979, 1981 and 1983 when this area was closed to fishing to a high figure of 50,690 in 1968 (Appendix II, Tables II.123-II.134). Changes in wild stock production over the years and variations in fishing effort account for the variable catch figures. Recent improvements in wild stock production in areas outside of this location such as Nakat Inlet appear to indicate an improvement in this areas production is underway (see Fig. 46).

West Behm Canal (Districts 101-80, 90 and 95)

Chum salmon commercial seine catches in this location have ranged from a low of zero catch in 1961, 1965, 1967, 1969, 1971, 1973, 1975, 1976, 1981 and 1983 when little effort or complete closure of the area occurred to a high of 105,954 in 1984 (Appendix II, Tables II.135-II.142). The cyclic nature of this fishery based upon wild stock production has resulted in a declining fishery until the last three years (1984-1986) when wild stock production and the influx of hatchery production resulted in an increased catch (see Fig. 47).

Gravina Island (Districts 101-27 and 29)

The commercial seine catch of chum salmon in this location has varied from a minimum level of zero in 1975 when this area was closed to a maximum level of 135,986 in 1968 (Appendix II, Tables II.45 & II.79-II.82 and II.87-II.90). Historically, this fishery has varied considerably during the past 26 years and over the last three years appears to be increasing due to improvements in wild stock production and the influx of hatchery returns to this area. (See Fig. 41).

Annette Island (Districts 101-24, 26, 28 and 42)

Chum salmon commercial fishery catches (seine, trap and gillnet) have ranged from a low of zero catch in 1960-62, 1969-71 and 1973-74 when no fisheries occurred to a high of 27,046 in 1984 (Appendix II, Tables II.45 & II.67-II.70, II.75-II.78, II.83-

II.86 and II.99-II.102). The history of this fishery shows a very low catch rate during the 1960's and early 1970's which was followed by a dramatic raise in catch starting in the late 1970's. A steady increase in the catch of chums has occurred since that date due primarily to increases in the numbers of fishing units, improved wild stock production that this fishery centers upon, and the influx of enhanced chums destined for other areas such as Nakat Inlet, Beaver Falls and Neets Bay (see Fig. 44).

Noyes/Dall Island (District 104)

The commercial seine catch of chum salmon in this district has varied from a low of 7,446 in 1975 to a high value of 437,699 in 1986 (Appendix II, Table II.46). Variations in wild stock production over the past twenty plus years coupled with variable fishery effort appears to account for the wide range in catch statistics. Improvements in wild stock production, the influx of enhanced chums from distant facilities, and extensive openings for pink salmon have resulted in a dramatic increase in commercial catches during the last five years (1982-1986) (see Fig. 37).

CHANGES IN HARVEST PATTERNS IN RESPONSE TO ENHANCED CHUM IN THE NORTHERN BOUNDARY AREA

CANADA, NORTHERN BRITISH COLUMBIA

Canadian enhanced summer chum production in the boundary area has been minimal to date. Pallant-Mathers Hatchery on the Queen Charlotte Islands produces fall chum (current fry releases 10,000,000) and Kitinat Hatchery (Statistical Area 6) has released relatively small numbers of summer chum (avg. 2,000,000 fry in recent years).

SOUTHERN SOUTHEAST ALASKA

Northern boundary area harvest patterns are changing in response to increases in enhanced chum. State, federal, and private nonprofit (PNP) hatchery production in southern Southeast Alaska have been contributing significantly to northern boundary fisheries since 1982. Alaska's Tree Point gillnet fishery and Canada's Area 3 fisheries are being impacted by this enhanced production. Hatchery releases of summer chum from Nakat Inlet are targeted at the Tree Point fishery. The proximity of the Nakat releases to Canada's Area 3 fisheries has also resulted in significant interception in these fisheries. To a lesser extent, enhanced production from the other southern Southeast Alaska hatcheries is also contributing to these northern boundary fisheries.

Based on coded wire tagging of releases, the estimated proportion of enhanced chum in the Tree Point fishery has increased from 14%

in 1982 to a high of 35% in 1985. The estimated proportion in Canada's Area 3 fishery has varied from 19% in 1984 to 29% in 1985. (See Table 1).

The summer chum proportion is not expected to substantially increase beyond current levels since Nakat releases are currently at maximum levels and are expected to decrease in 1987 because no releases were made in 1984. However, fall chum releases at Nakat Inlet will increase. Although no data is available on Nakat fall chum contribution to the northern boundary fisheries, the Tree Point fishery is expected to harvest significant numbers.

BOUNDARY AREA CHUM TAGGING

A REVIEW OF HISTORICAL CHUM SALMON TAGGING, 1924-1968

Historically, considerable chum salmon tagging with Petersen discs has been accomplished in southern Southeast Alaska and northern British Columbia. From the earliest investigations in the 1920's, to the more recent studies in the 1960's, approximately 8,512 chum salmon have been released in the coastal waters adjacent to these two countries. A total of 1,794 of the tagged chum salmon (21%) were then recovered. The majority of the recoveries were reported from commercial fisheries which provided valuable management information on major entryways and migration routes. A general review of the results from all the historical studies was undertaken by combining the release and recovery information into major geographical areas. In this analysis, the following observations were of major importance with regards to U.S./Canada salmon research.

1. A segment of the chum salmon tagged and released in the Cape Fox and lower Clarence Strait areas were recovered in Canadian Areas 3-4.
2. A segment of the chum salmon tagged and released in Canadian Area 3 were recovered in Alaskan Districts 101, 102 and 106.
3. A segment of the chum salmon tagged and released in Dixon Entrance were recovered in Alaska Districts 101, 102, 104 and 106.

See Table 2 for Canadian/Alaskan chum recoveries (1924-1958) of tags applied in southern Southeast Alaska and Table 3 for Canadian/Alaskan chum recoveries (1929-1968) of tags applied in Canada.

A REVIEW OF CHUM SALMON TAGGING INCIDENTAL TO SOCKEYE AND PINK TAGGING IN 1983, 1984 AND 1985

Stock Composition

Adult chum salmon were tagged with Petersen discs incidentally to

pink and sockeye salmon in the years 1983 through 1985 (Table 4). The primary purpose of the chum tagging was to describe the general near-shore migratory behavior of adult chum salmon and to identify those fisheries in the boundary area that harvest Alaskan and Canadian origin chum stocks. It should be noted that, for several reasons, the results of the chum tagging program cannot be used to generate estimates of stock composition in the various fisheries although the information described below would be very useful in designing a tagging program whose purpose was to generate stock composition estimates.

For our purposes, we have summarized all the chum tag recoveries by release site for the years 1983 through 1985 combined (Tables 5, 6 & 7). All recoveries, whether made in freshwater spawning areas or in commercial fisheries (i.e. the majority of the recoveries were made in commercial fisheries) are reported in terms of Areas (Canada) and Districts (Alaska). The results of the program show that chum salmon tagged in several Alaskan and Canadian fisheries were subsequently recovered over a very wide area. This was particularly true for the Noyes Island (103; 104) and Area 1 fisheries and suggests that these fisheries (tagging sites) harvest a large number of both Canadian and Alaskan chum salmon stocks. The tagging results also indicate that District 101-11 and Area 3 are important mixing locations for both local (eg. Portland Canal) and more regional stocks (eg. District 106; Area 6).

Tag recoveries in individual streams were lumped with area recoveries in Canada, and in only two systems in Alaska (Fish Creek and Nakat Creek) were large scale efforts made to recover tags. Tags recovered in streams are listed in Tables 6 & 7. The recoveries in Fish Creek and Nakat Creek certainly reflect the fishery recovery data in that these stocks pass through a multitude of fisheries in widespread areas on both sides of the border.

Migration Timing

A review of the incidental chum salmon tagging data from 1983-1985 has provided a limited amount of information on the timing of chum salmon returning to southern Southeast Alaska and northern British Columbia. Analysis of this data appears to indicate a protracted period of run time similar to what was noted for pink and sockeye salmon. Peak periods of abundance have also been identified for a number of stocks in both countries. Based on the incidental tagging data it appears that chum salmon returning to natal streams in both countries appear to move inshore in early July, peak in late July, and then decrease rapidly in numbers in August. Additional full scale chum tagging is needed to verify this fact and determine if there are any significant annual variations in run timing.

SUMMARY OF THE STATUS OF SUMMER CHUM SALMON IN THE NORTHERN BOUNDARY AREA

Some of the problems encountered in outlining the status of the chum stocks in the boundary area and a summary of the report are described in this section.

During initial discussions of the boundary area chum conservation problem, defining the boundary areas of particular interest became an issue. The decision was made to rely on historical tagging studies (1924-1968) and more recent sockeye/pink tagging studies (1982-1985) in which chum were tagged incidentally, to indicate the chum stocks present in the boundary area. However, information from these sources was insufficient to delineate the most representative stocks. Therefore, the areas examined in this report for status of their chum stocks were those surrounding Portland Canal; areas known to exhibit interception of U.S. and Canadian chum by both countries. As described in the report, these areas are Canadian Area 3 and southern Southeast Alaska District 101.

Also, a direct comparison of escapements of chum salmon in British Columbia and Alaska is not feasible at this time. Canadian escapements are estimates of total escapement in each stream or area made by individual fishery officers. Alaskan escapement information is presented as peak escapement count for any one spawning stream. Actual escapements in any Alaskan stream could be 3 to 5 times or more the peak escapement count. What can be compared is their relative abundance over time. Peak escapement counts are certainly reflective of total abundance.

Another problem in making comparisons between escapements in British Columbia and Alaska is that Alaska has only a few systems where target escapements for chum have been established. In B.C., most major chum systems have target escapements established. In Alaska most chum salmon producing streams also have very large populations of pink salmon spawners. This makes establishment of target escapements for chum difficult because it is very difficult to even count the chum.

In spite of these problems it is clear that we have a conservation issue with chum salmon in the boundary area. Canadian escapements seldom reach or exceed the target escapement level. Canadian escapements in Portland Canal collapsed in the mid-1970's and show no signs of recovery. Fish Creek (Hyder) and Tombstone River are the largest producers of chum salmon in Portland Canal and during the past several seasons escapements in these systems have been on an increasing trend. Unfortunately, escapements to Hilder Inlet on the Alaska side in lower Portland Canal show a steep declining trend with little indication of recovery - similar to the pattern of the Canadian streams in Portland Canal.

On the other hand, there are encouraging signs; some Boca de Quadra and East Behm chum stocks have shown a recovery in the past three years. In addition, there are increases in some Portland Canal (Fish Creek and Tombstone River) and Observatory Inlet streams.

These increases in natural stock abundance, coupled with recent large Alaskan hatchery returns and the increase in effort required to harvest pink salmon have all contributed to the increased chum catch in Area 3Y, Noyes Island and Tree Point areas.

References

N.B.F. Cousens, G.A. Thomas, C.G. Swann and M.C. Hardy. A Review of Salmon Escapement Estimation Techniques. Can. Tech. Rep. Fish. Aquat. Sci. No. 1108. 1983.

Figure 1. Statistical Areas of British Columbia.

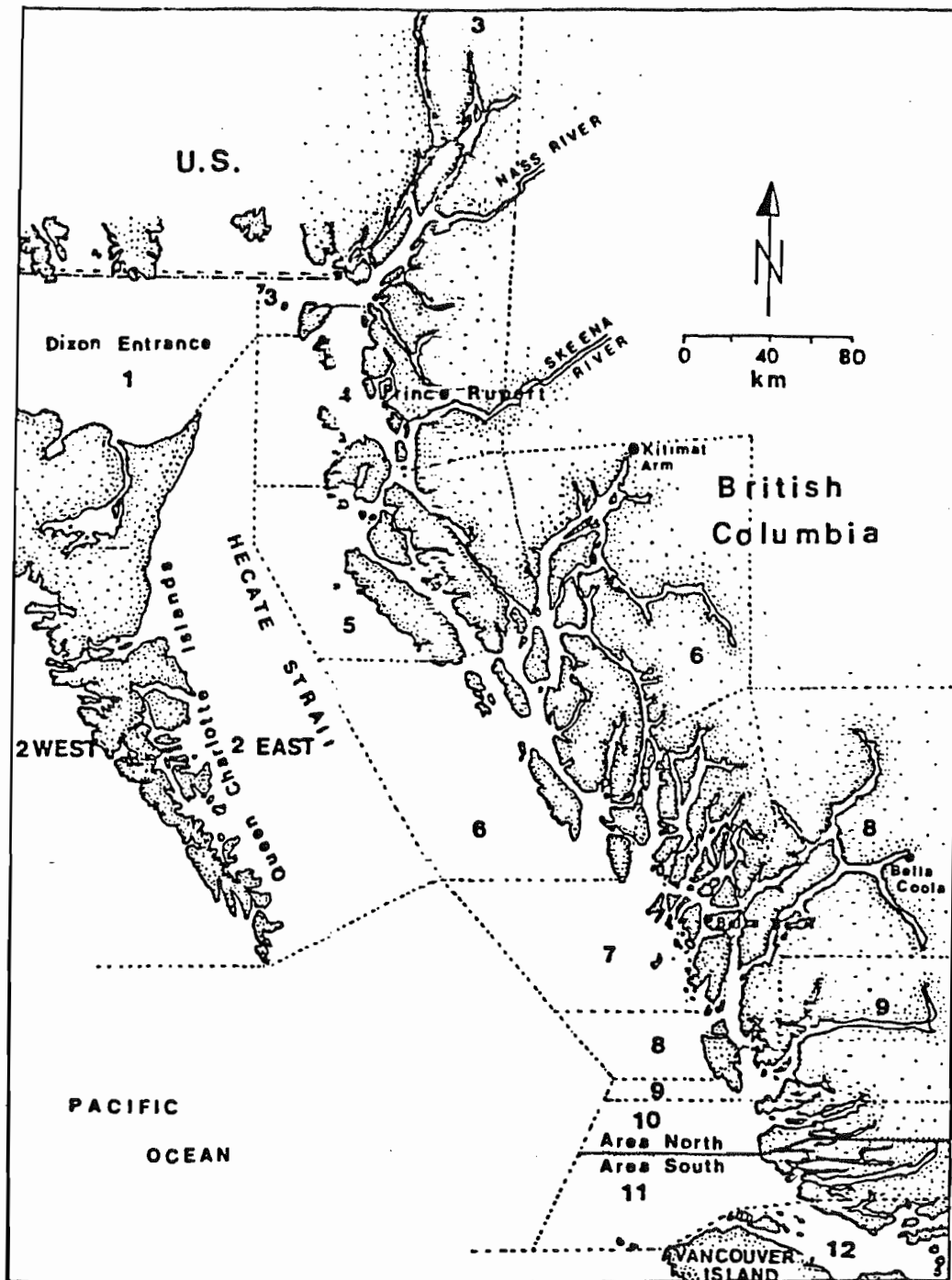
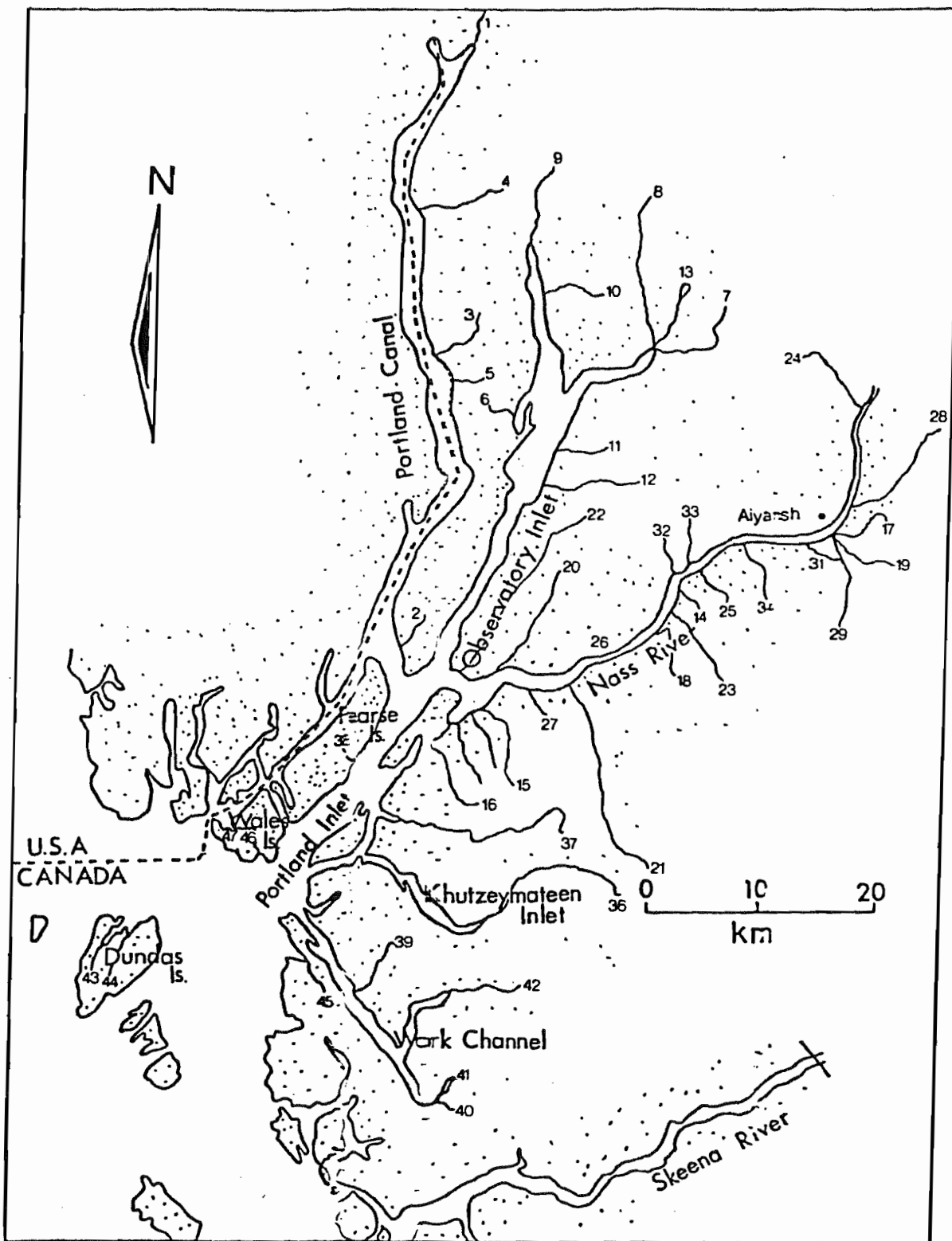


Figure 2. Area 3 chum spawning streams.



Key to Figure 2.

Area 3 Chum Spawning Streams and Escapement Sub-areas

# Stream-Alphabetical Listing	# Stream by Sub-area - Numerical Listing	
14. Ansedagan Creek	PORTLAND CANAL	PORTLAND INLET
1. Bear River	1. Bear River	36. Khutzeymateen River
43. Brundige Creek	2. Dogfish Bay Creek	37. Kwinamass River
15. Burton Creek	3. Donahue Creek	38. Lizard Creek
6. Cascade Creek	4. Georgie River	
16. Chambers Creek	5. Roberson Creek	WORK CHANNEL
2. Dogfish Bay Creek		
3. Donahue Creek	OBSERVATORY INLET	39. Ensheshese River
39. Ensheshese River		40. Lachwach River
4. Georgie River	6. Cascade Creek	41. Levenson Lake System
17. Gingit Creek	7. Illiance River	42. Toon River
18. Ginxlulak Creek	8. Kitsault River	
19. Gitzyon Creek	9. Kshwan River	COASTAL STREAMS
7. Illiance River	10. Oih Creek	43. Brundige Creek
20. Inouk River	11. Perry Bay Creek	44. Sandy Bay Creek
21. Iskhkeenickh River	12. Stagoo Creek	45. Stumaun Creek
36. Khutzeymateen River	13. Wilauks Creek	46. Tracy Creek
22. Kincolith River		47. Turk Creek
8. Kitsault River	NASS RIVER SUBSYSTEM	
23. Ksedin Creek	14. Ansedagan Creek	
24. Kshadin Creek	15. Burton Creek	
9. Kshwan River	16. Chambers Creek	
37. Kwinamass River	17. Gingit Creek	
25. Kwinyah Creek	18. Ginxlulak Creek	
40. Lachwach River	19. Gitzyon Creek	
41. Levenson Lake System	20. Inouk River	
38. Lizard Creek	21. Iskhkeenickh River	
26. Nass Mainstem	22. Kincolith River	
10. Oih Creek	23. Ksedin Creek	
11. Perry Bay Creek	24. Kshadin Creek	
27. Quilgaaw Creek	25. Kwinyah Creek	
5. Roberson Creek	26. Nass Mainstem	
44. Sandy Bay Creek	27. Quilgaaw Creek	
28. Seaskinnish Creek	28. Seaskinnish Creek	
12. Stagoo Creek	29. Tseax River	
45. Stumaun Creek	30. Tseax Slough	
42. Toon River	31. Vetter Creek & Slough	
46. Tracy Creek	32. Wegiladap Creek	
29. Tseax River	33. Wilayanooth Creek	
30. Tseax Slough	34. Zolzap Creek	
47. Turk Creek	35. Zolzap Slough	
31. Vetter Creek & Slough		
32. Wegiladap Creek		
13. Wilauks Creek		
33. Wilayanooth Creek		
34. Zolzap Creek		
35. Zolzap Slough		

Figure 3. Annual chum escapements of all Area 3 stocks.

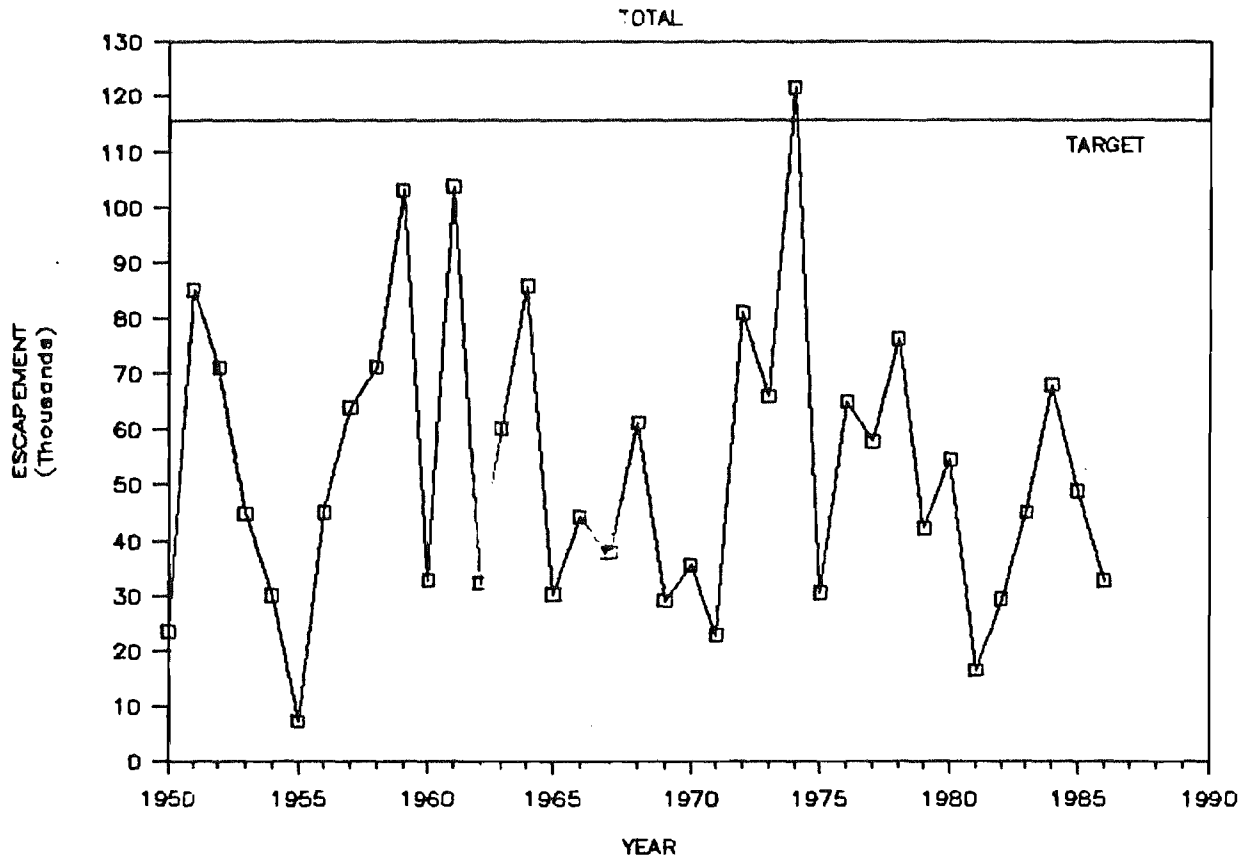


Figure 4. Area 3 chum escapement targets by stream grouping.

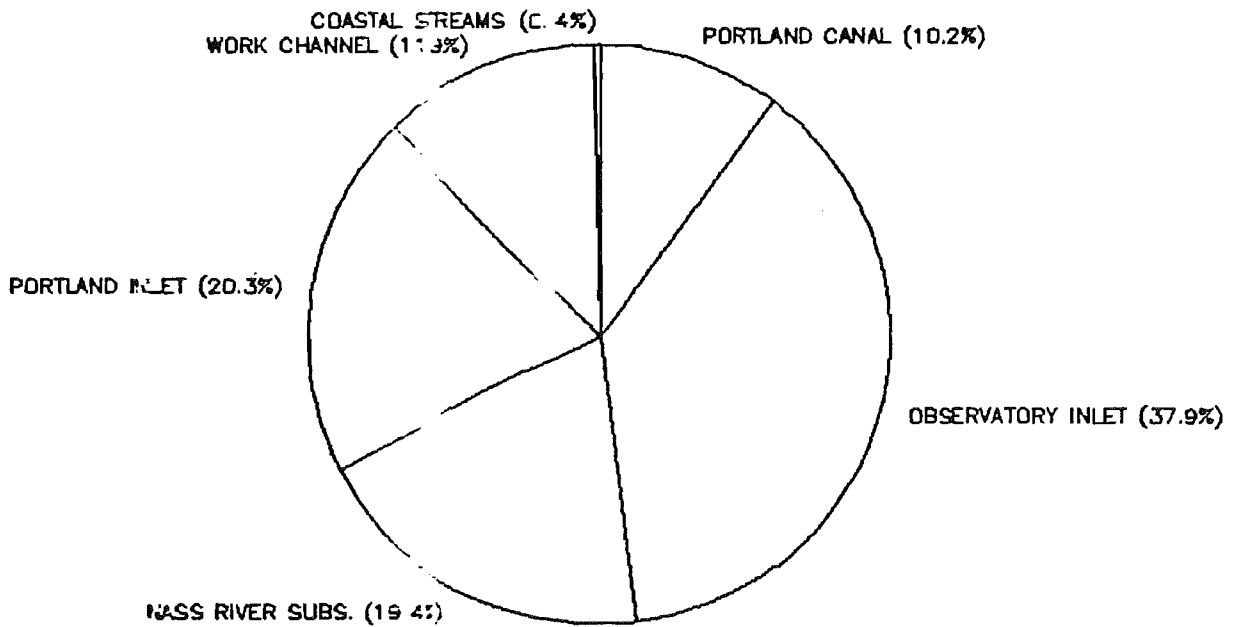


Figure 5. Annual escapement figures for Portland Canal chum.

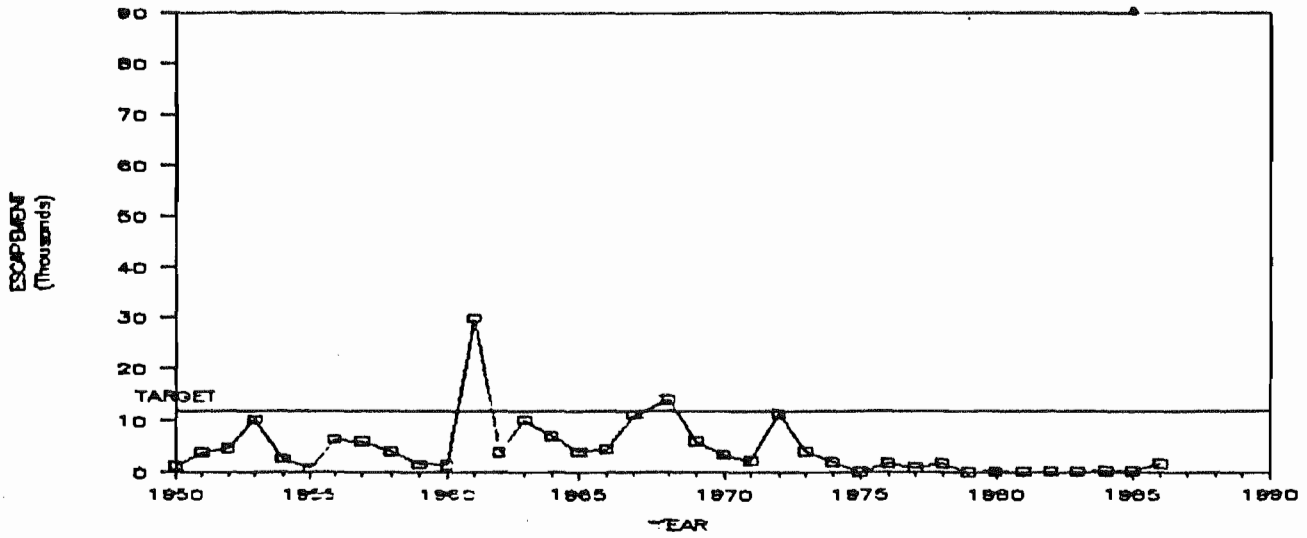


Figure 6. Annual escapement figures for Observatory Inlet chum.

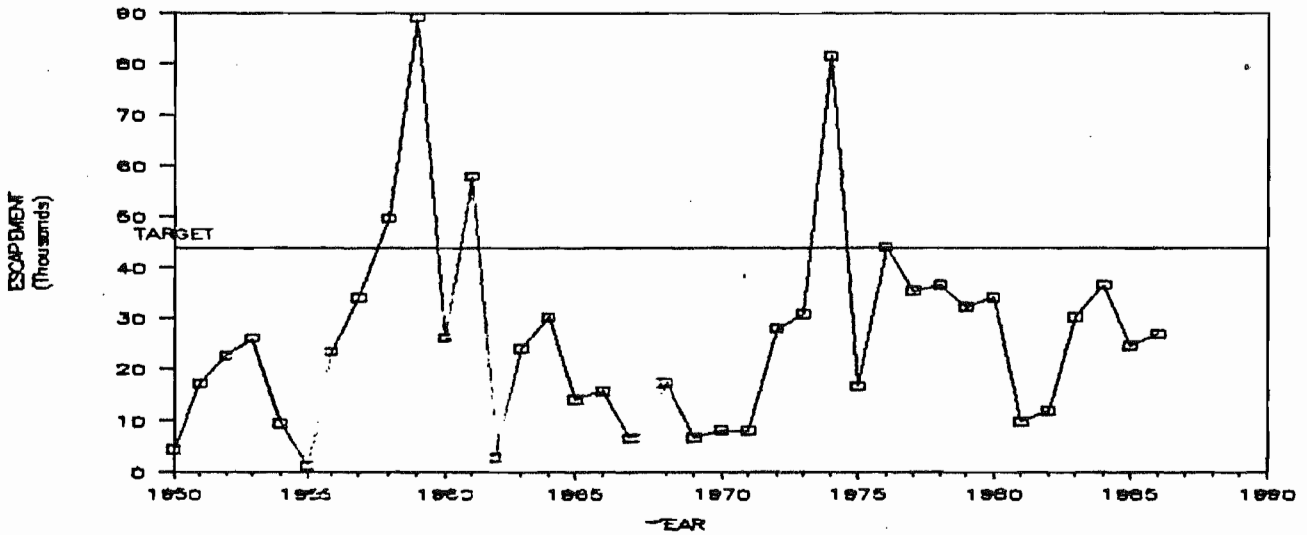


Figure 7. Annual escapement figures for Nass River subsystem chum.

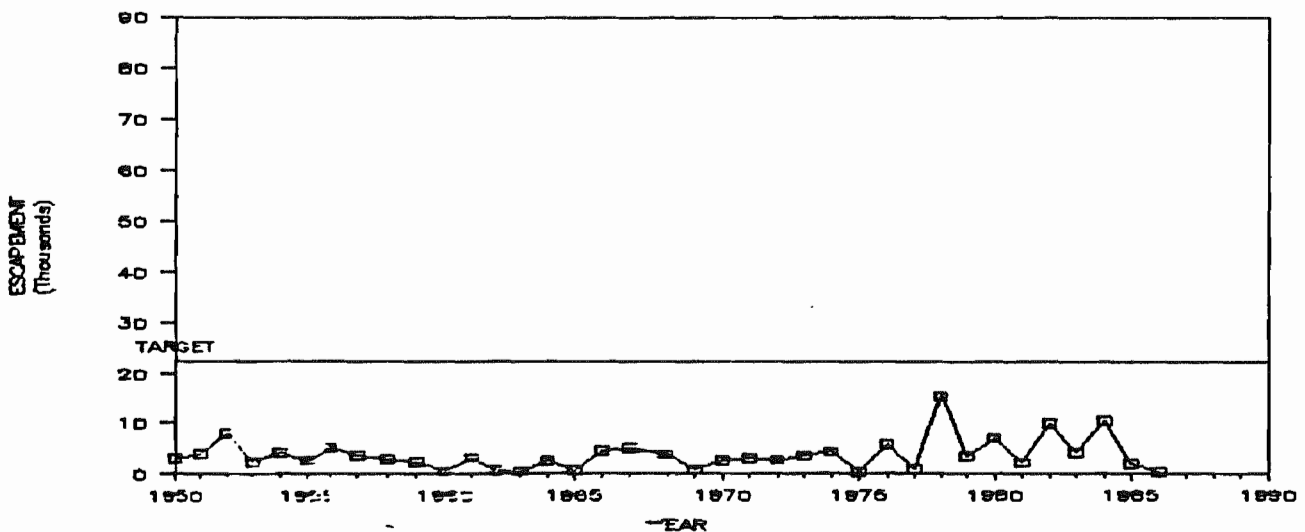


Figure 8. Annual escapement figures for Portland Inlet chum.

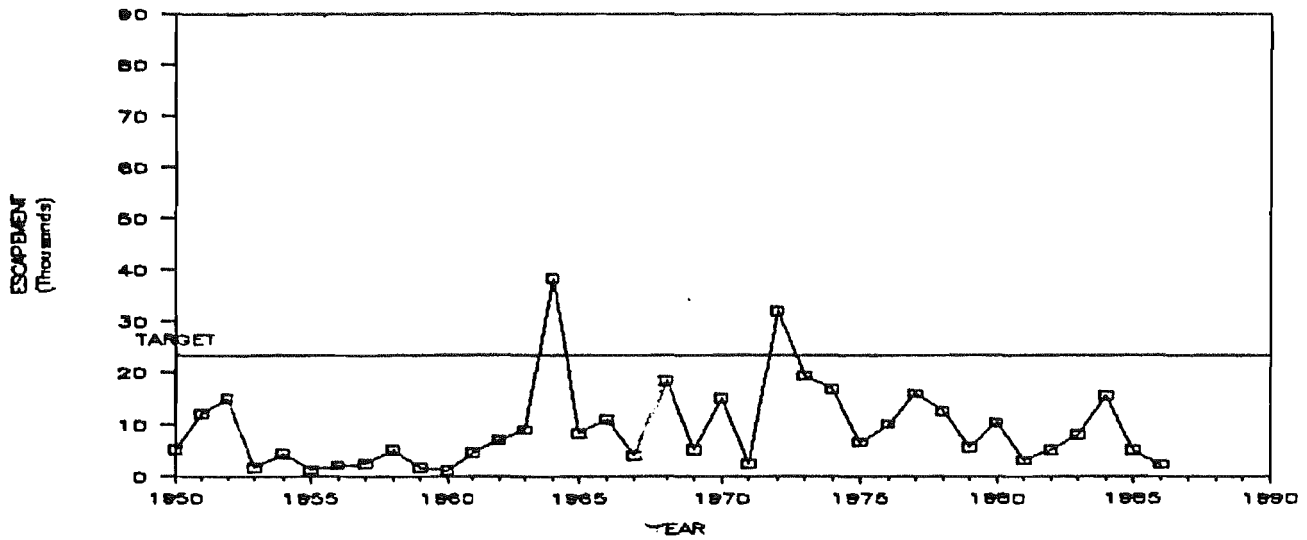


Figure 9. Annual escapement figures for Work Channel chum.

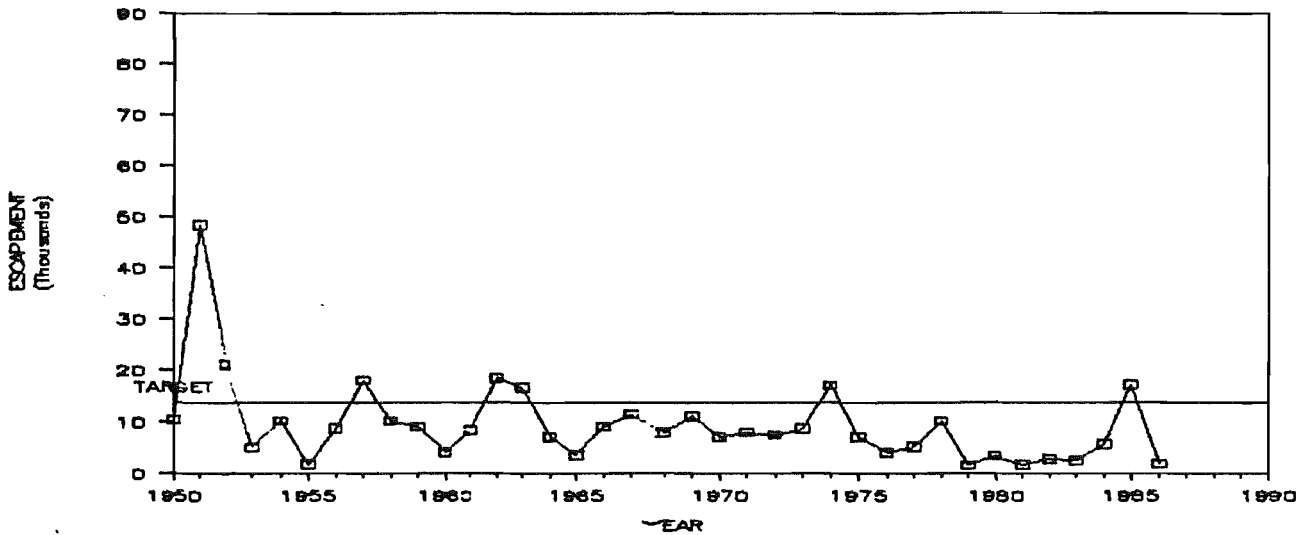


Figure 10. Annual escapement figures for Coastal Streams chum.

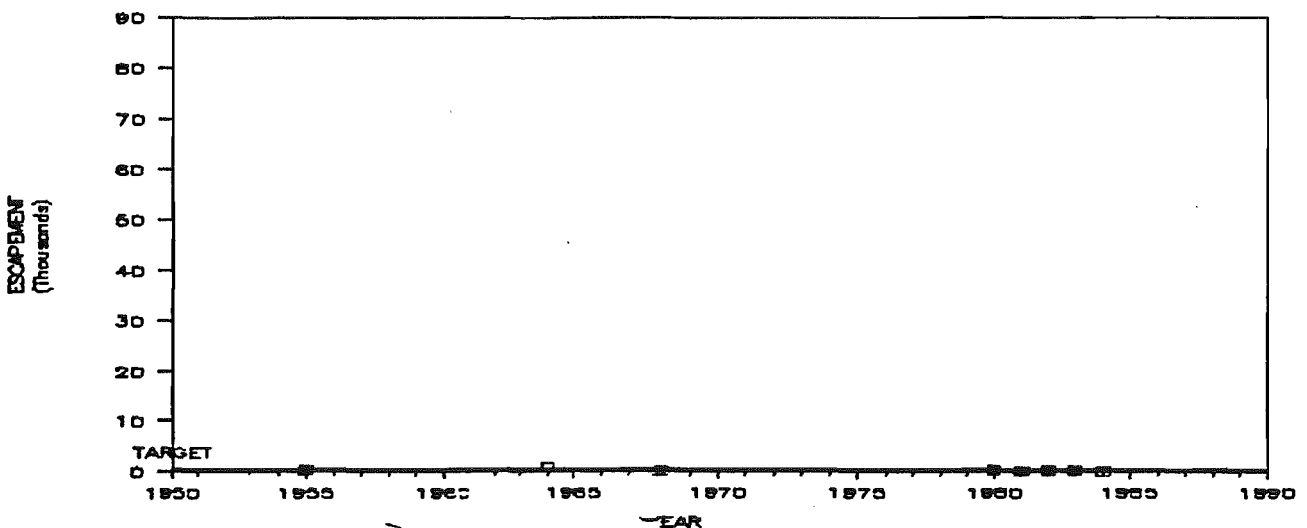


Figure 11. Annual escapement figures for Areas 1, 2W, 2E chum.

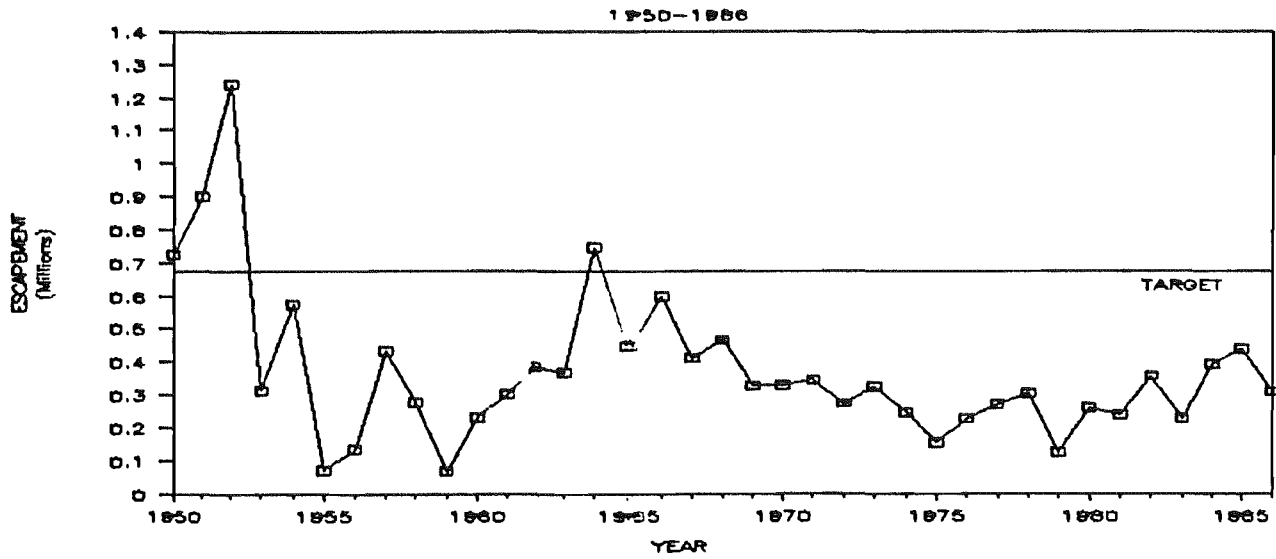


Figure 12. Annual escapement figures for Areas 3, 4, 5 chum.

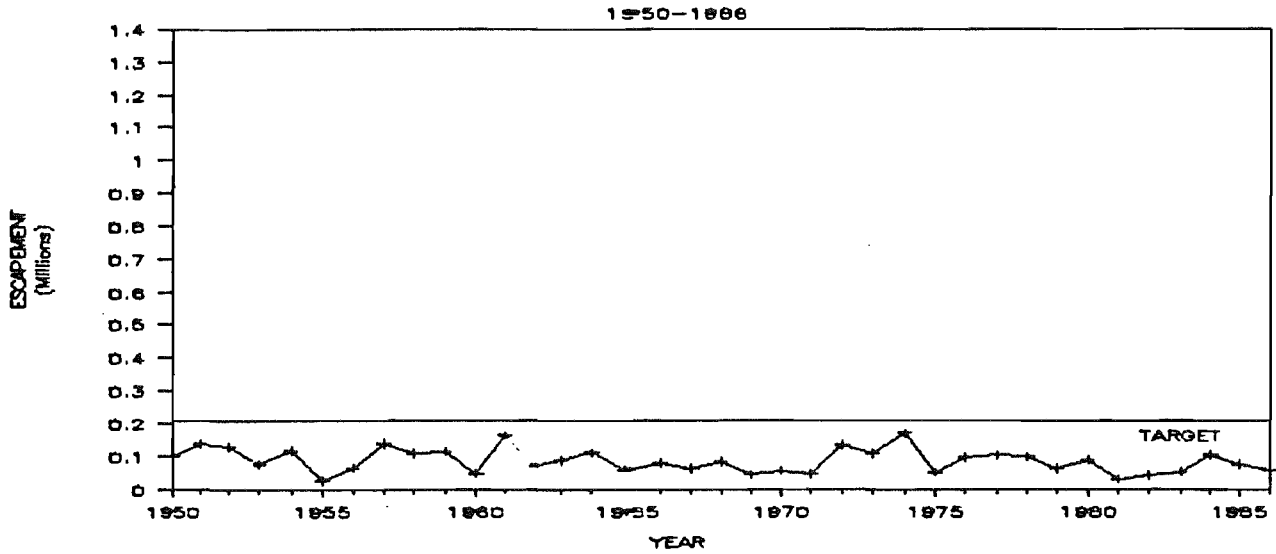


Figure 13. Annual escapement figures for Areas 6-10 chum.

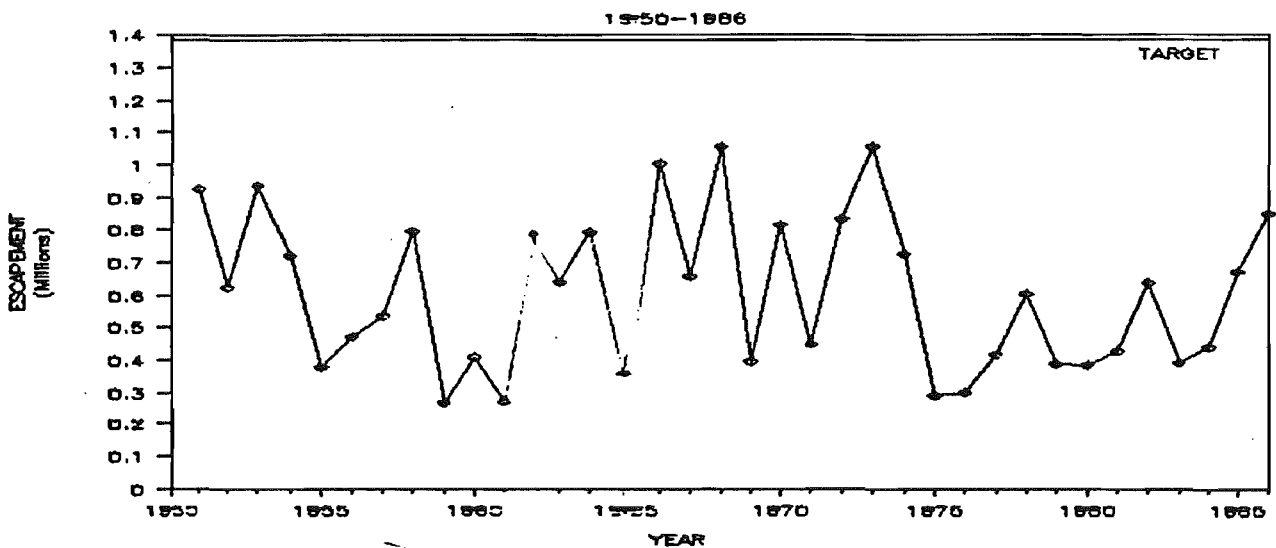
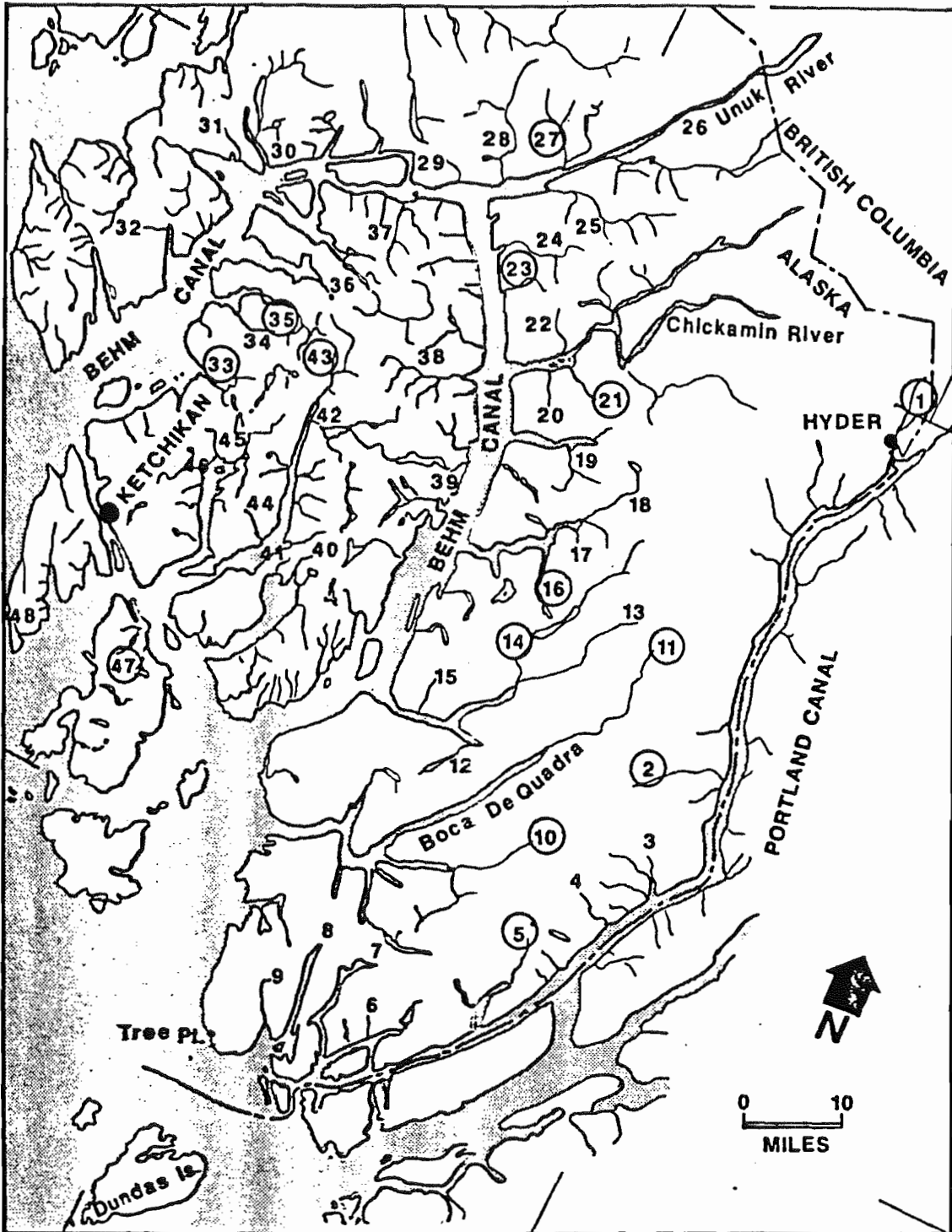


Figure 14. Southern Southeast Alaska chum salmon spawning streams.



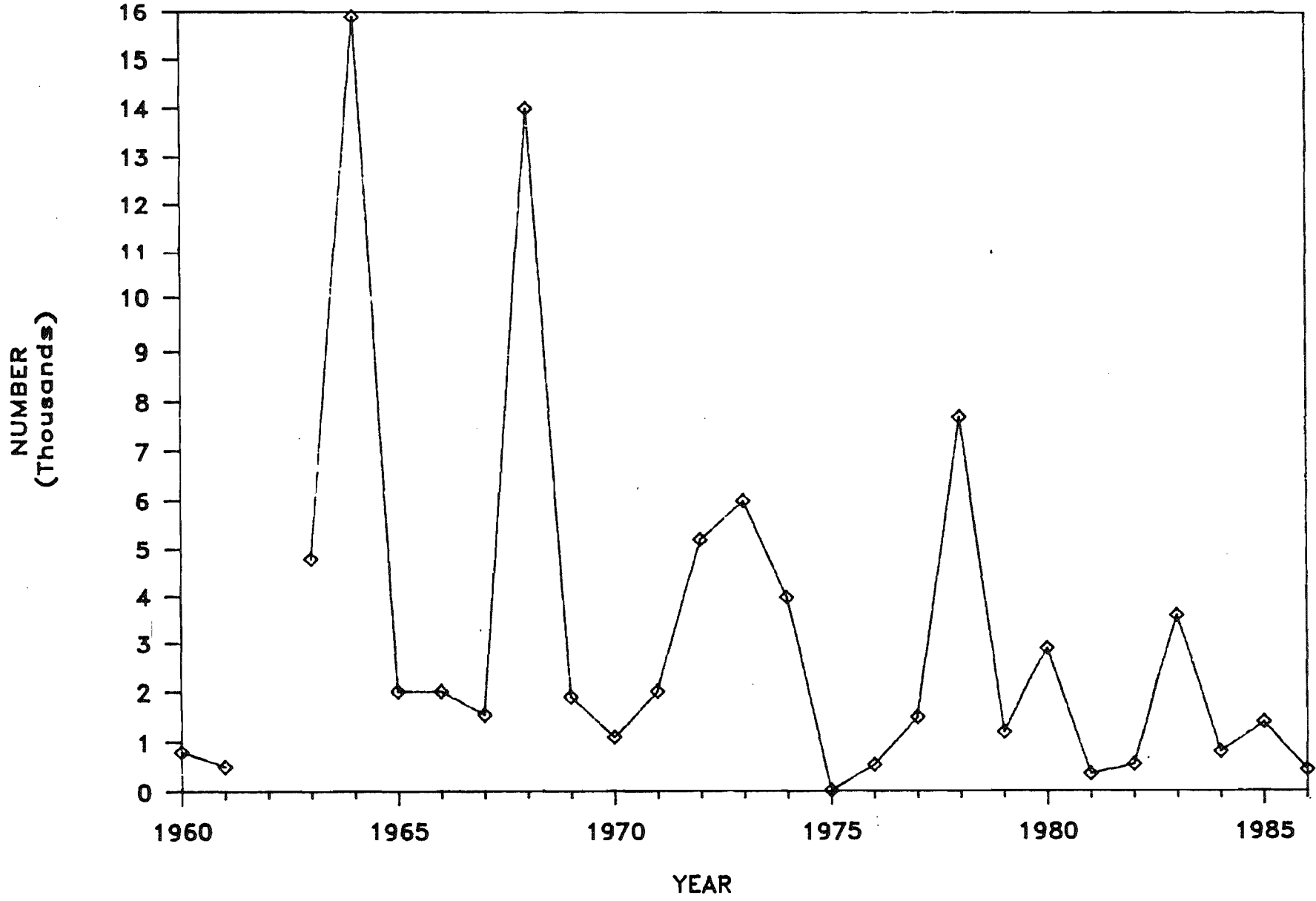
Key to Figure 14.

Names of streams located by numbers on Figure 14. Underlined streams (circled on Figure 14) have had escapement counts exceeding 10,000 chum salmon.

-
- | | |
|------------------------------|-----------------------------|
| 1. <u>Fish Creek (Hyder)</u> | 25. Klahini River |
| 2. <u>Tombstone River</u> | 26. Cripple Creek |
| 3. Halibut Bay N. Fork Creek | 27. <u>Eulachon River</u> |
| 4. Sandfly Creek | 28. <u>Grant Creek</u> |
| 5. <u>Hidden Inlet</u> | 29. Herman Creek |
| 6. <u>Canine Creek</u> | 30. Wolverine Creek |
| 7. Willard Creek | 31. Sea Lion Cove |
| 8. Nakat Creek | 32. Stewart Creek |
| 9. Harry Bay | 33. <u>Naha River</u> |
| 10. <u>Martin River</u> | 34. <u>Marguerite Creek</u> |
| 11. <u>Keta River</u> | 35. <u>Traitors River</u> |
| 12. Bakewell Creek | 36. Neets Bay Creek |
| 13. Elossom River | 37. Cow Creek |
| 14. <u>Wilson River</u> | 38. Portage Creek |
| 15. <u>Cabin Creek</u> | 39. Grace Creek |
| 16. <u>Big Goat Creek</u> | 40. Fish Creek (Thorne Arm) |
| 17. Valentine Creek | 41. Pop Point Creek |
| 18. Rudyard Creek | 42. Bush Creek |
| 19. Walker Creek | 43. <u>Carroll River</u> |
| 20. Croca Creek | 44. Buckhorn Lake Creek |
| 21. <u>King Creek</u> | 45. George Inlet Salt Chuck |
| 22. <u>Empy Creek</u> | 46. White River |
| 23. <u>Robinson Creek</u> | 47. <u>Nadzaheen Creek</u> |
| 24. Saks Creek | 48. Dall Head Creek |

Figure 15. PORTLAND CANAL — HIDDEN INLET

PEAK ESCAPEMENT COUNTS, 1960 —1986



25

Figure 16. PORTLAND CANAL - FISH CREEK (HYDER)

PEAK ESCAPEMENT COUNTS, 1960 -1986

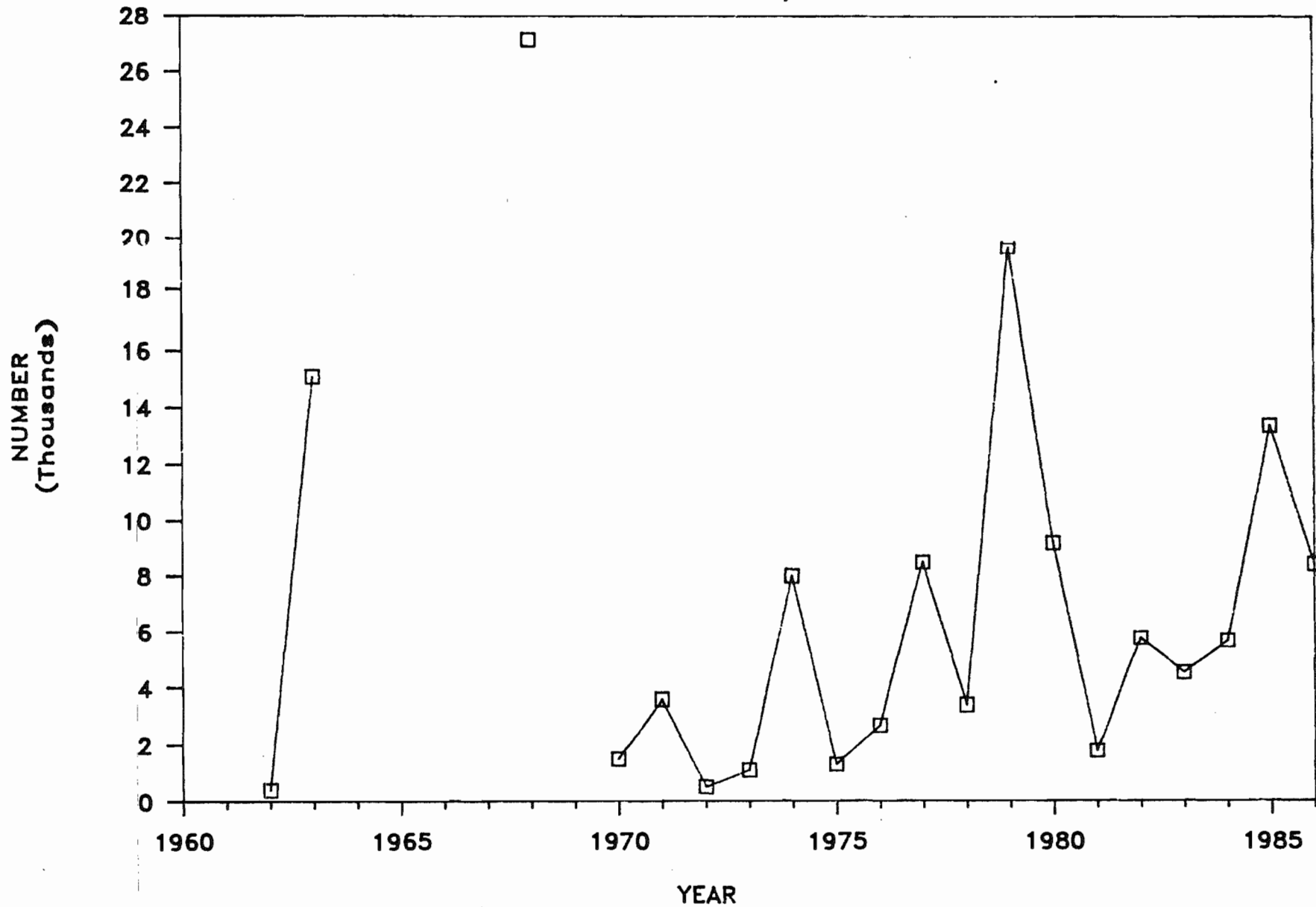


Figure 17. PORTLAND CANAL – TOMBSTONE RIVER

PEAK ESCAPEMENT COUNTS, 1960 –1986

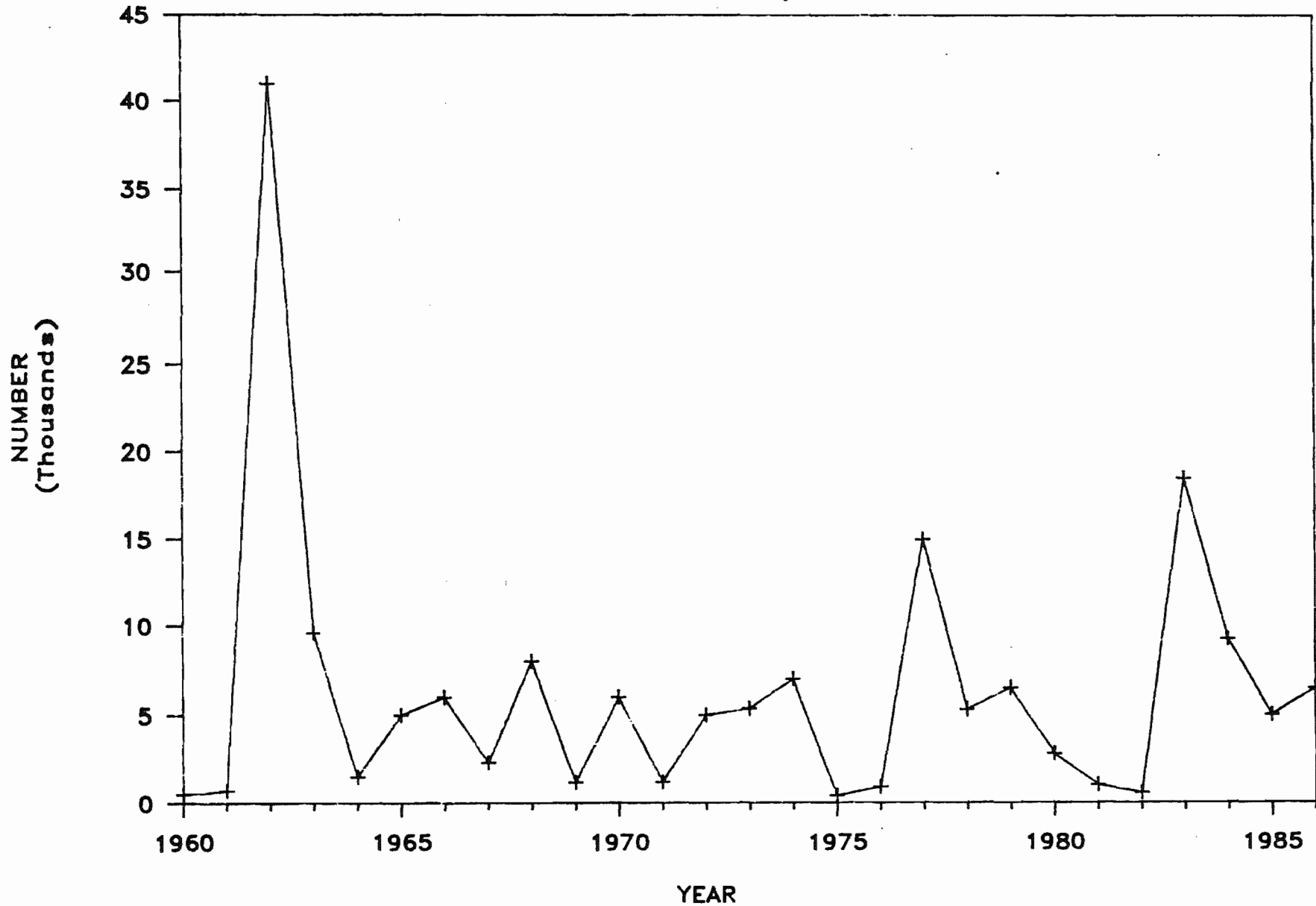


Figure 18. BOCA DE QUADRA TRIBUTARY CHUM SALMON

PEAK ESCAPEMENT COUNTS, 1960 - 1968

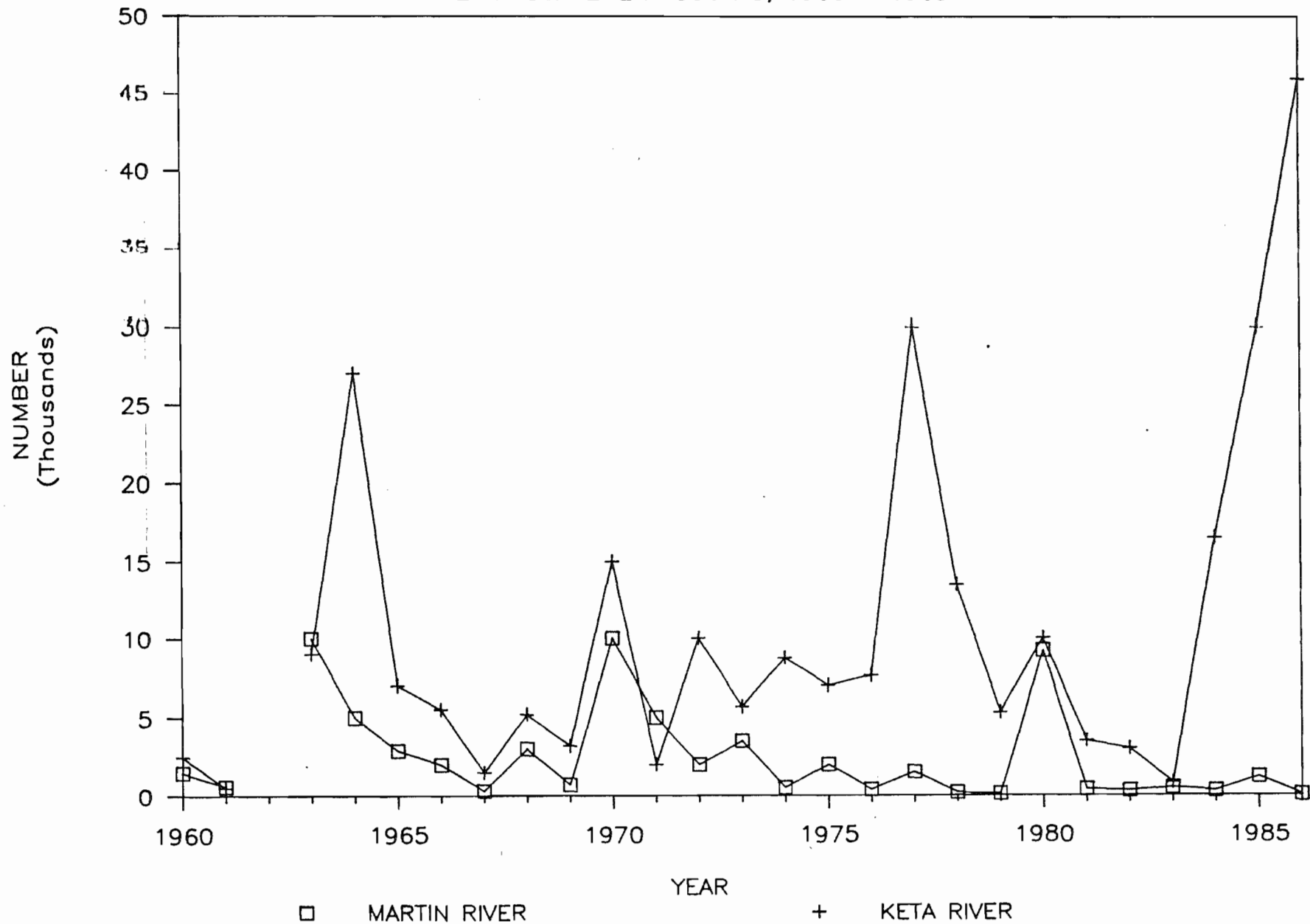


Figure 19. EAST BEHM CANAL — BLOSSOM RIVER
CHUM PEAK ESCAPEMENT COUNTS, 1960-1986

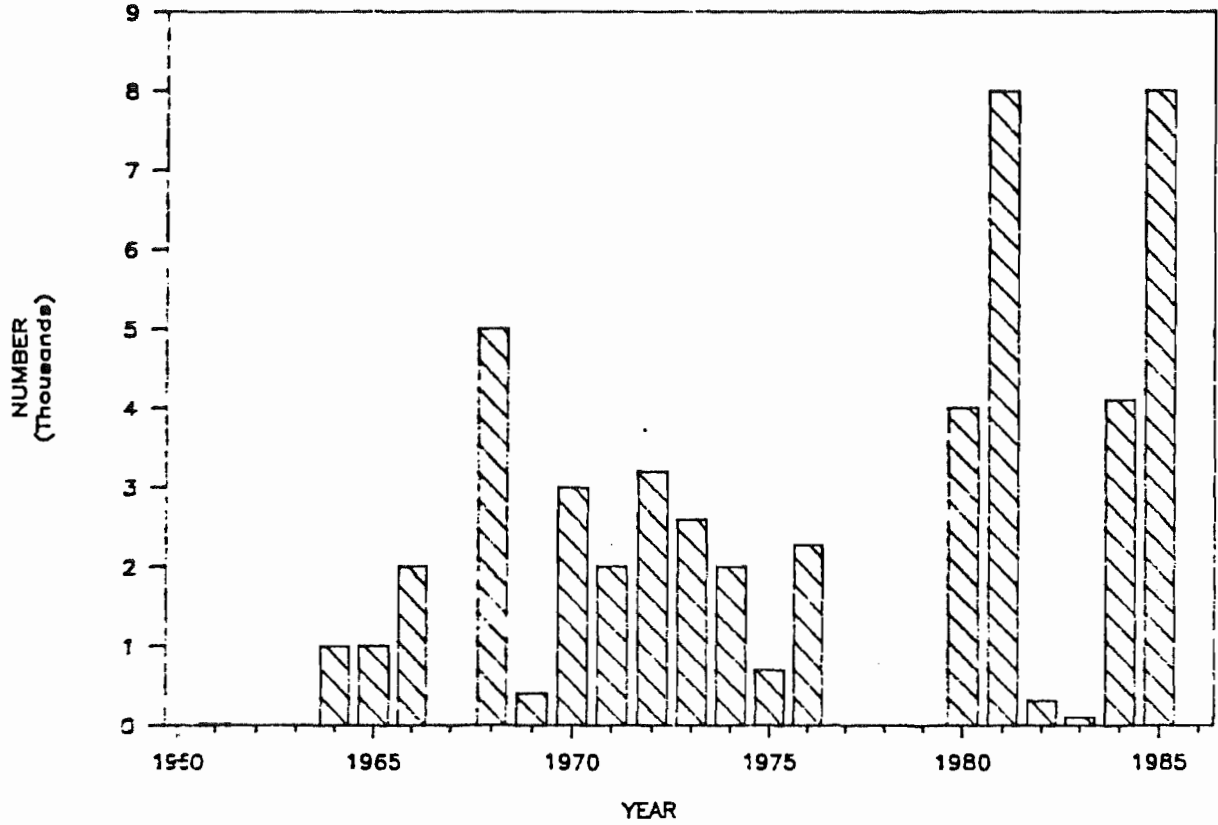


Figure 20. EAST BEHM CANAL — WILSON RIVER
CHUM PEAK ESCAPEMENT COUNTS, 1960-1986

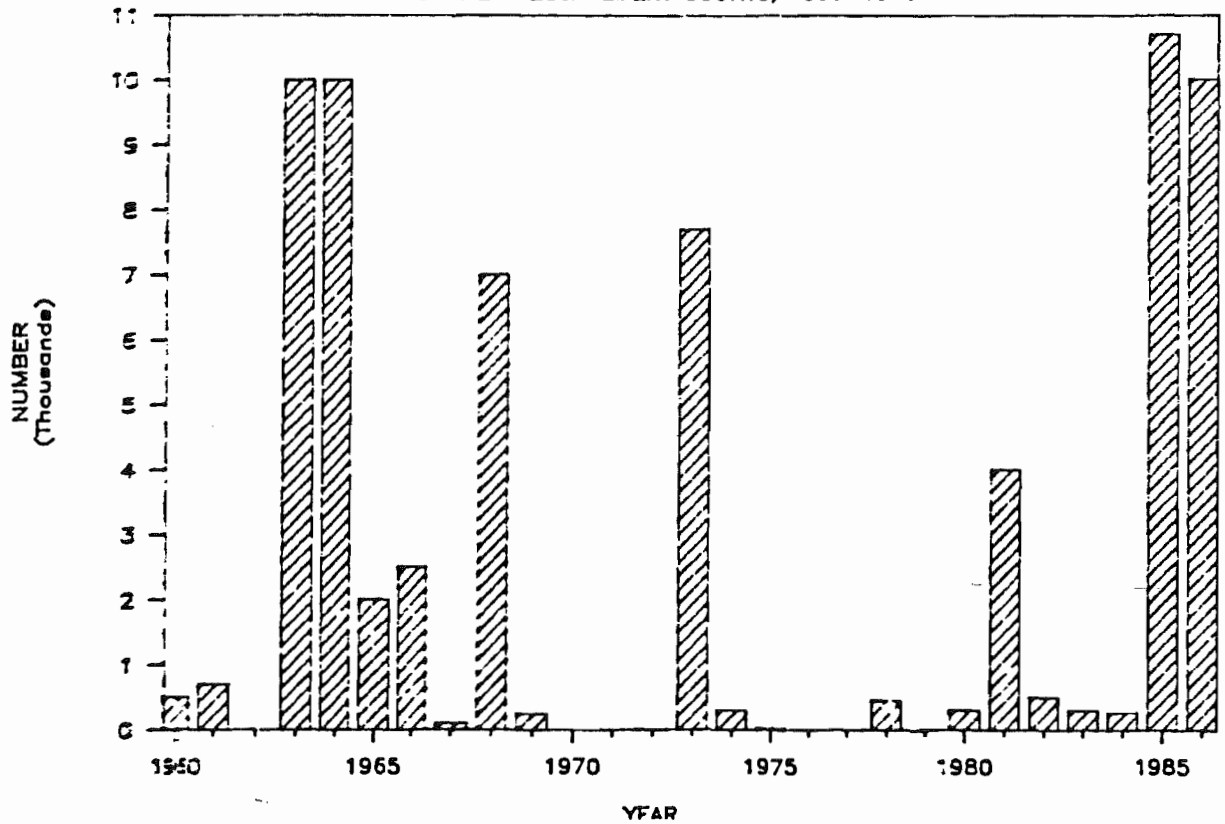


Figure 21.

EAST BEHM CANAL — KLAHINI CREEK

CHUM PEAK ESCAPEMENT COUNTS, 1960-1986

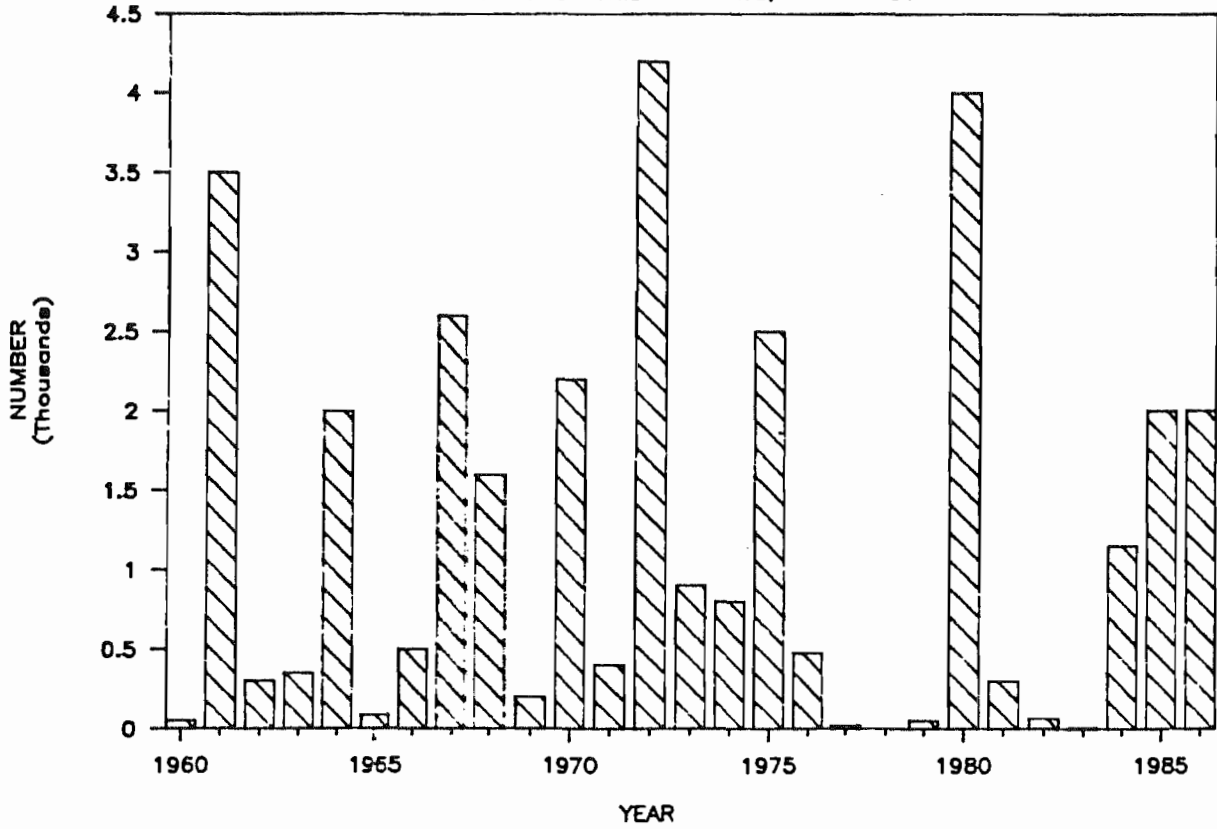


Figure 22.

EAST BEHM CANAL — EULACHON RIVER

CHUM PEAK ESCAPEMENT COUNTS, 1960-1986

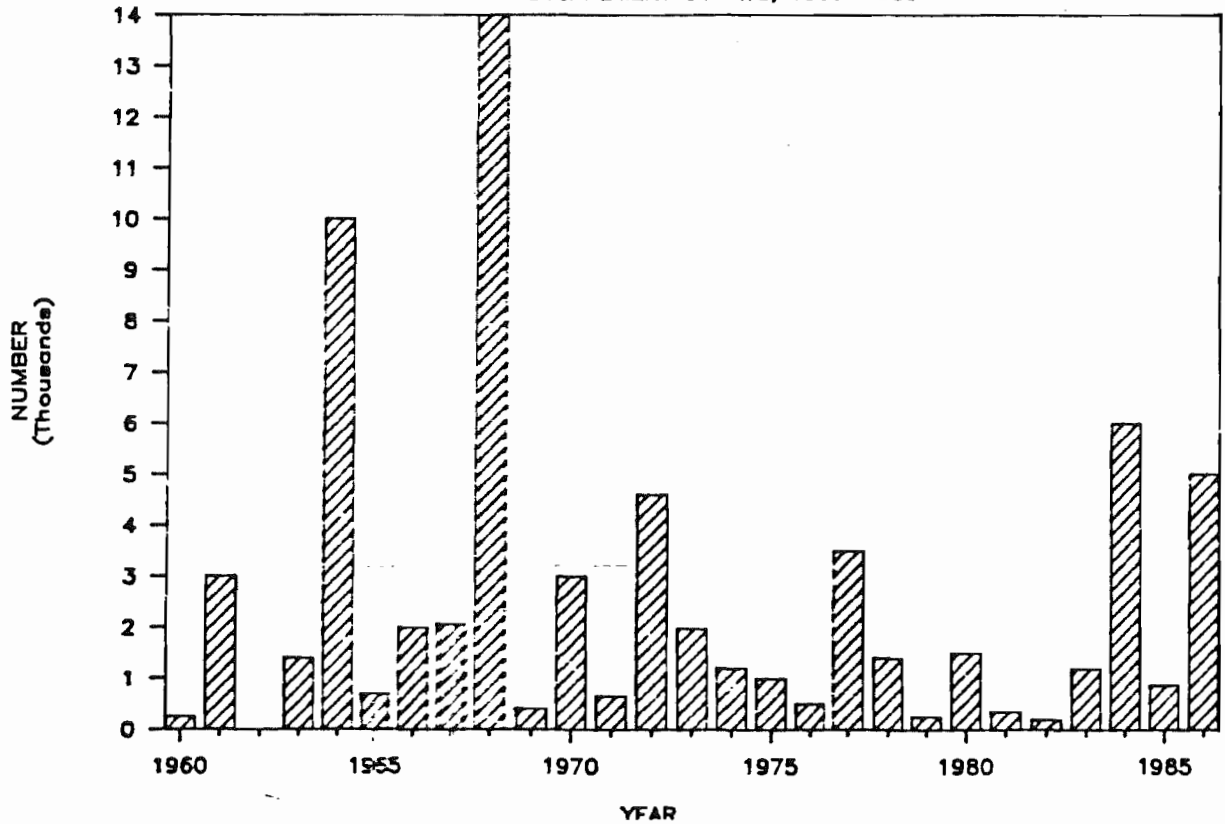


Figure 23. EAST BEHM CANAL — KING CREEK

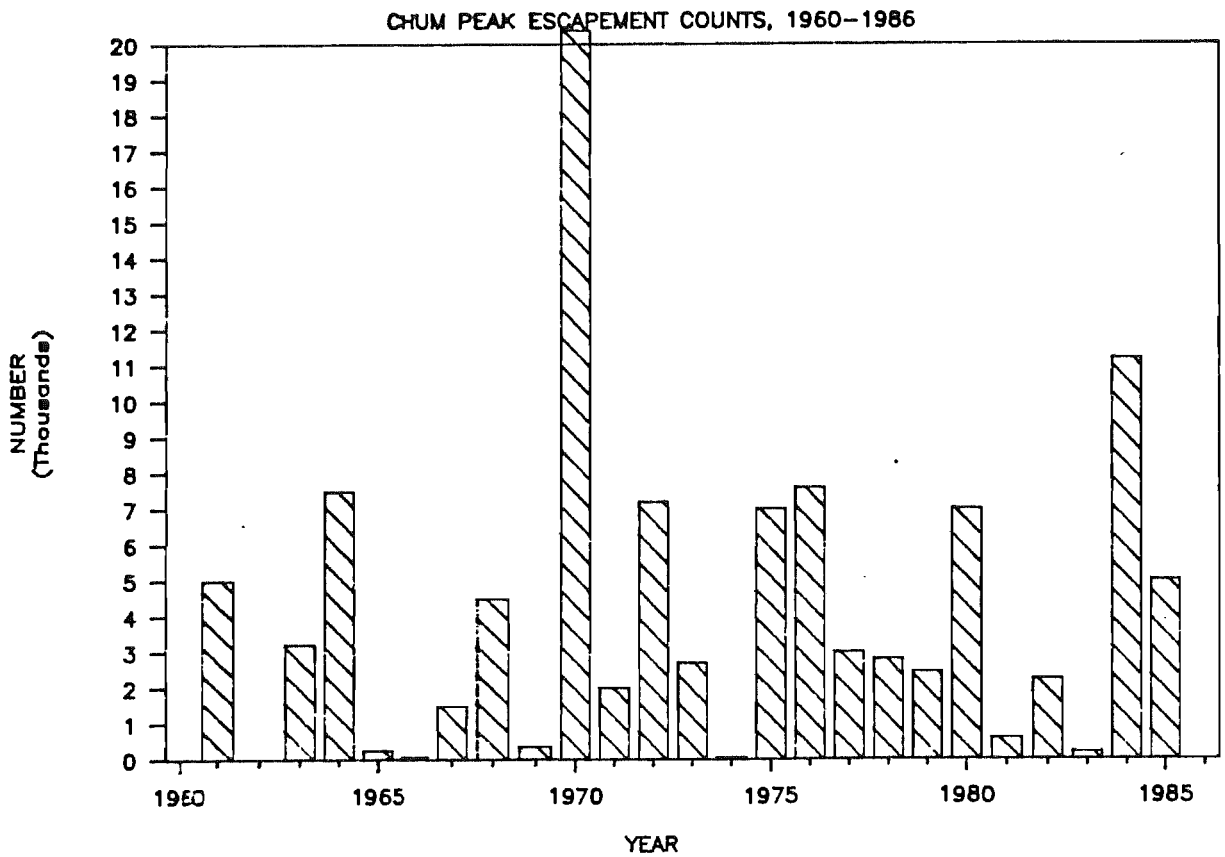


Figure 24. EAST BEHM CANAL — BIG GOAT CREEK

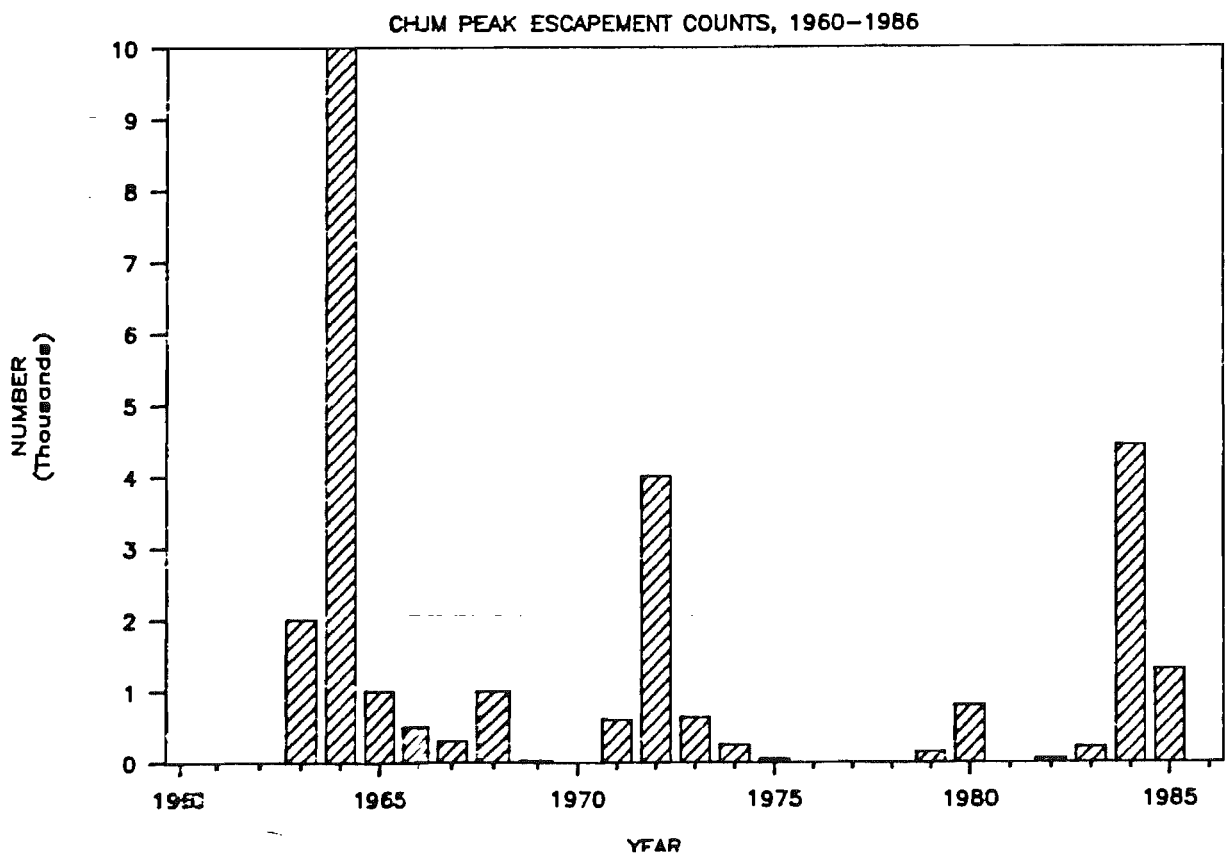


Figure 25. EAST BEHM CANAL - GRANT CREEK

PEAK ESCAPEMENT COUNTS, 1960 - 1986

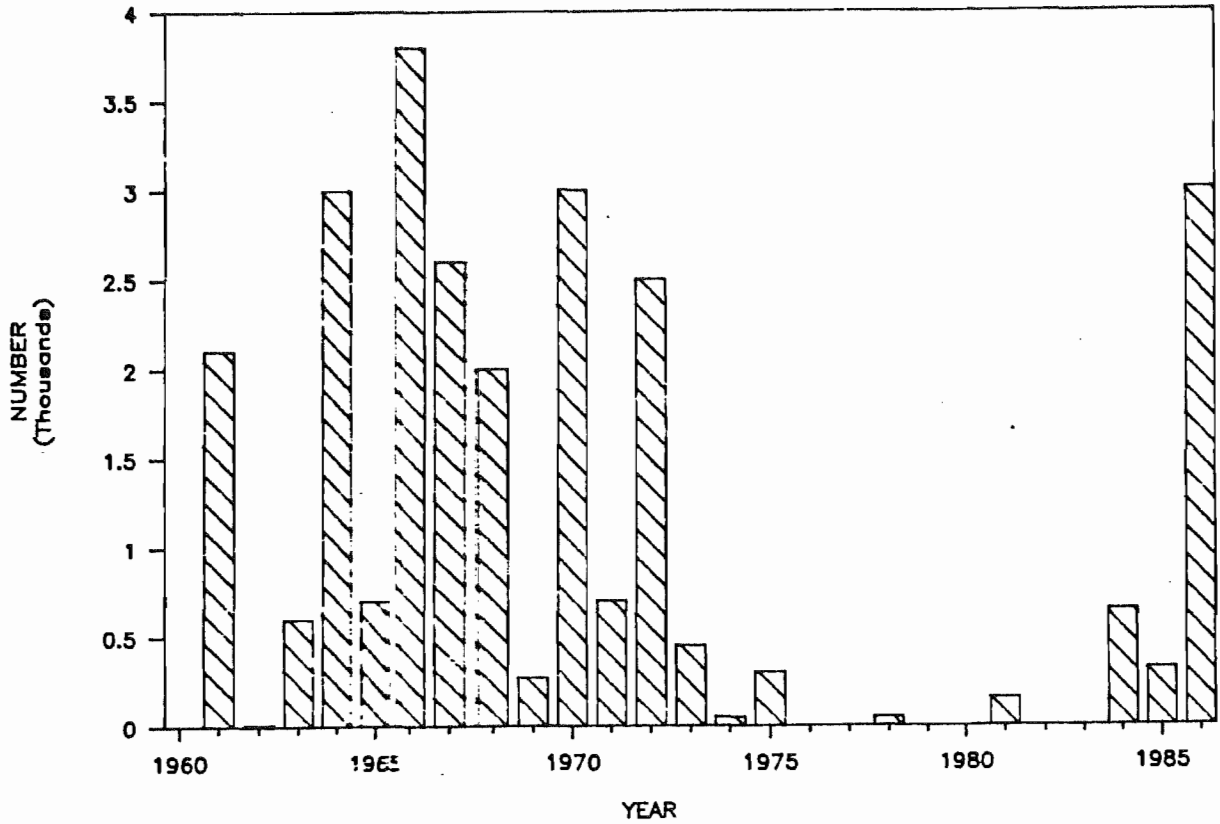


Figure 26. WEST BEHM CANAL - HERMAN CREEK

PEAK ESCAPEMENT COUNTS, 1960 - 1986

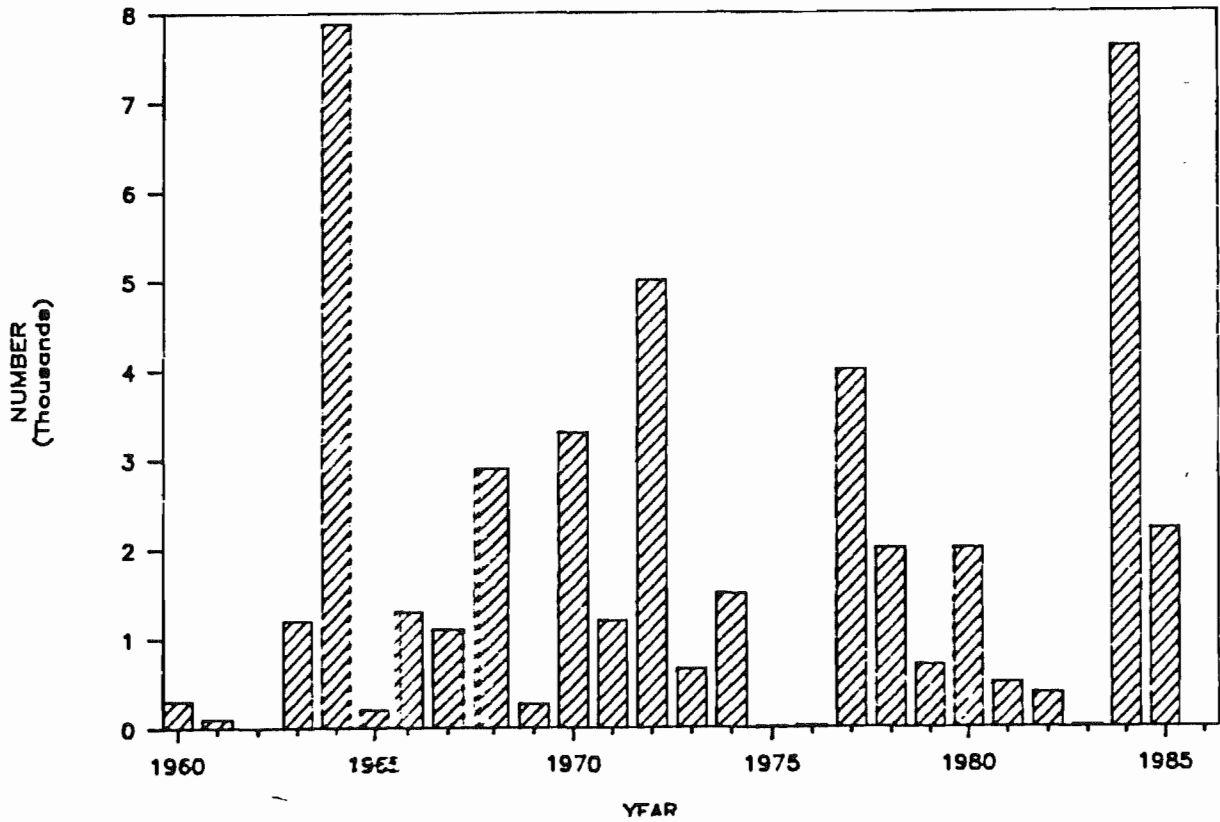


Figure 27. REVILLAGIGEDO ISLAND CHUM SALMON

PEAK ESCAPEMENT COUNTS, 1960 - 1986

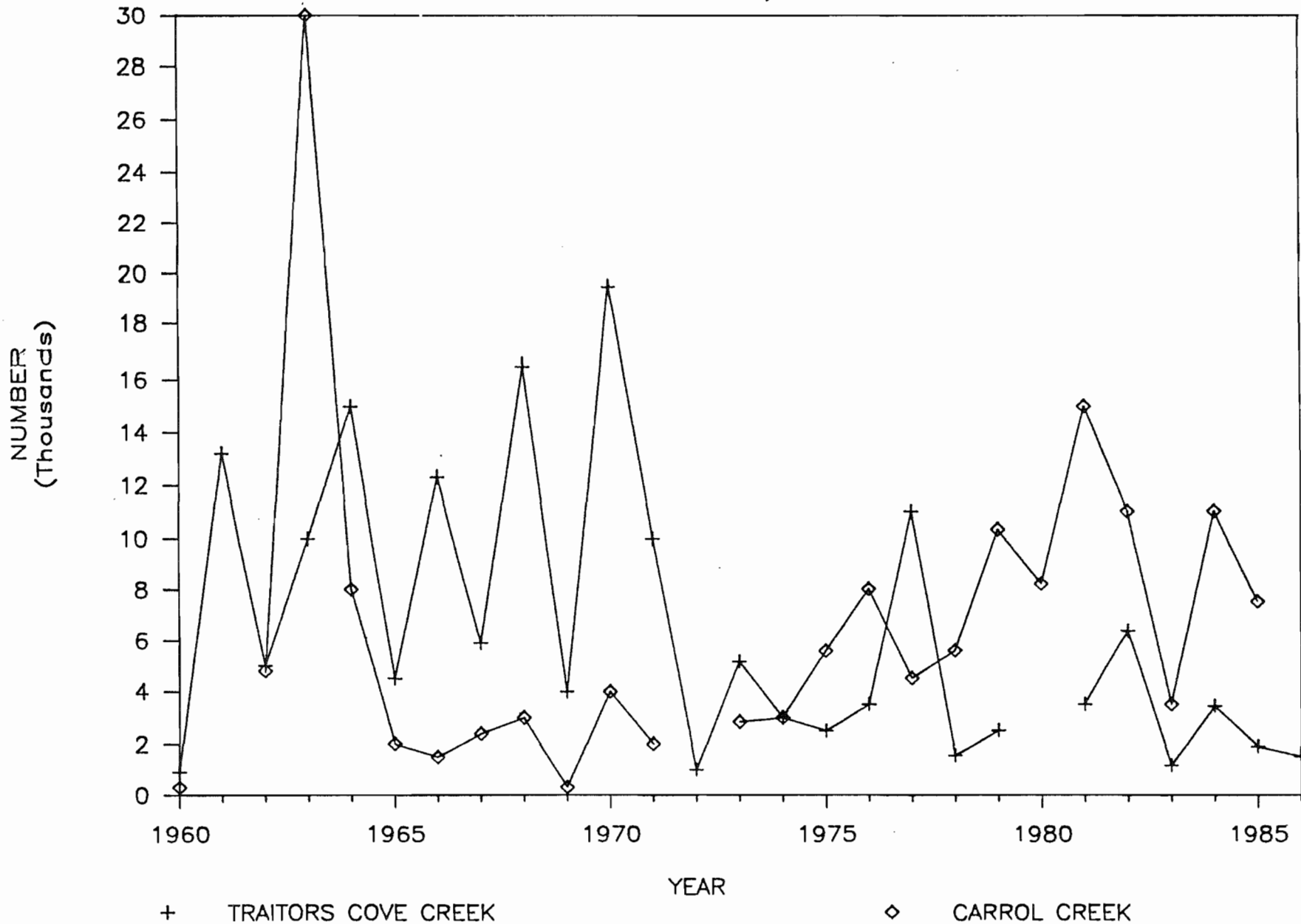


Figure 28. Management scbareas in Area 3.

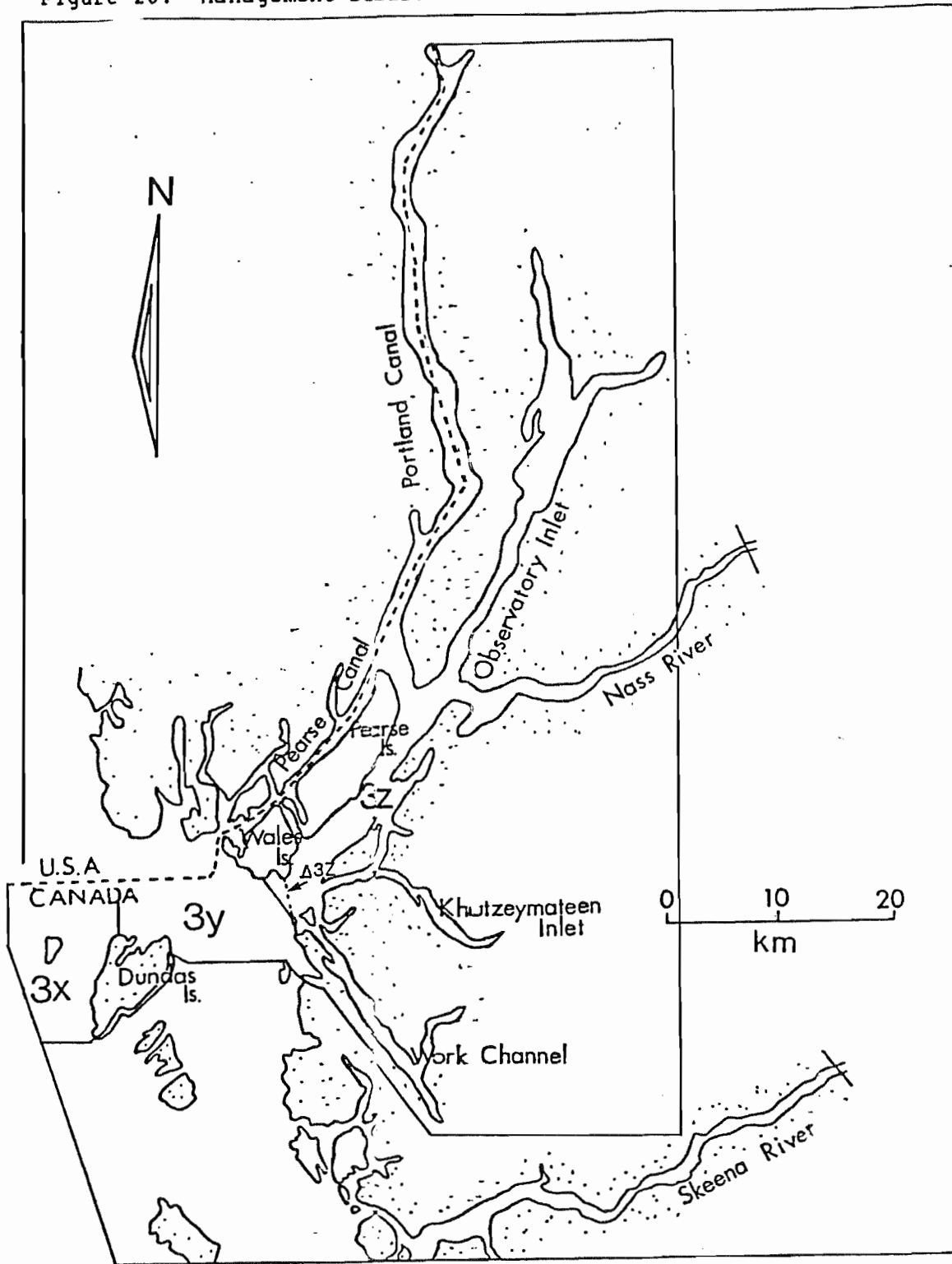


Figure 29. **TOTAL AREA 3 CHUM NET CATCH 1960-1986**

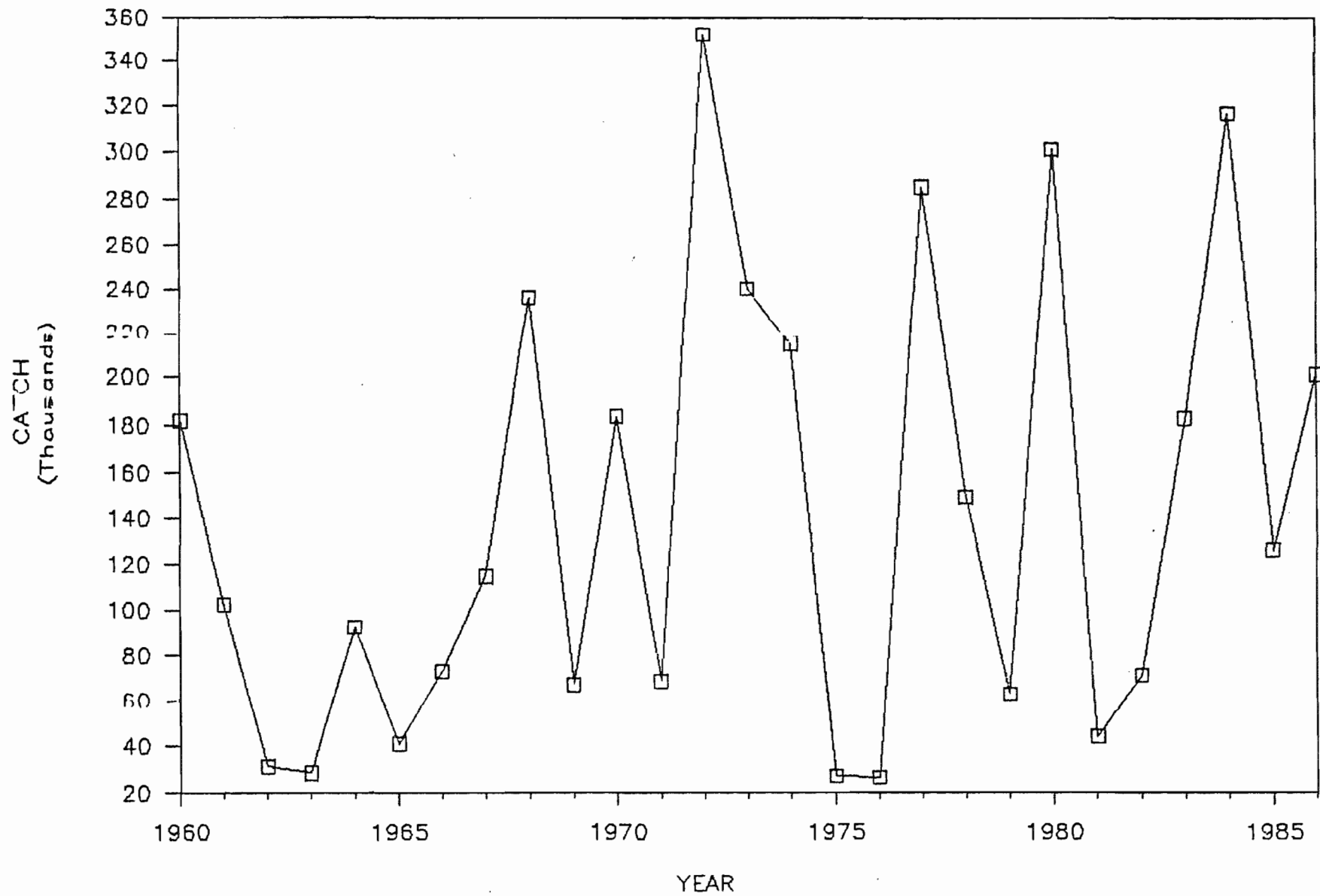


Figure 30. **AREA 3X CHUM NET CATCH 1960-1986**

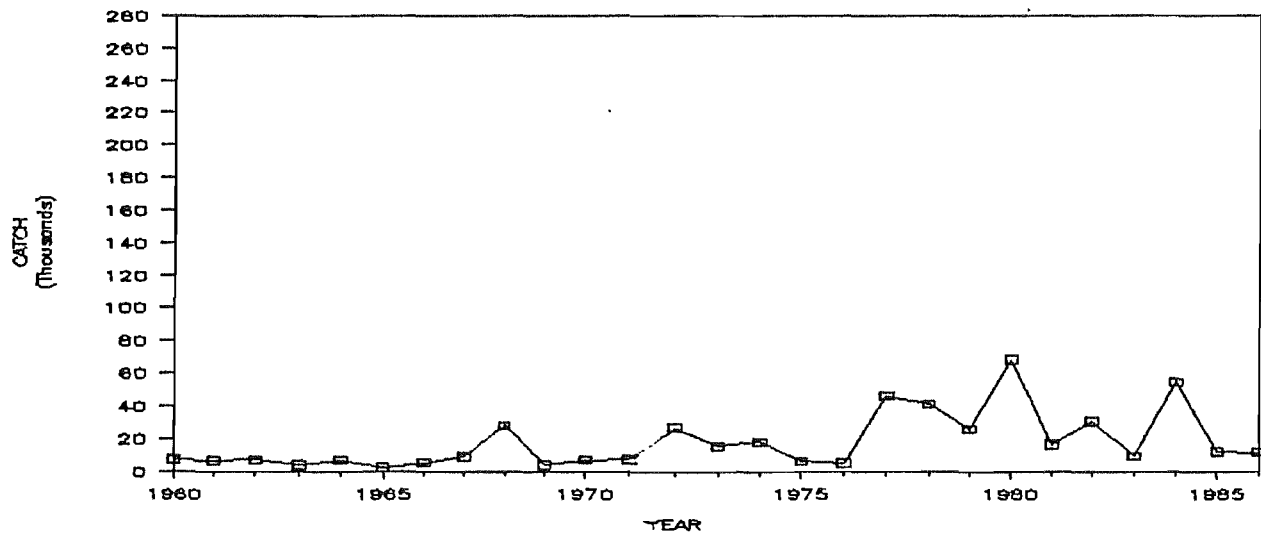


Figure 31. **AREA 3Y CHUM NET CATCH 1960-1986**

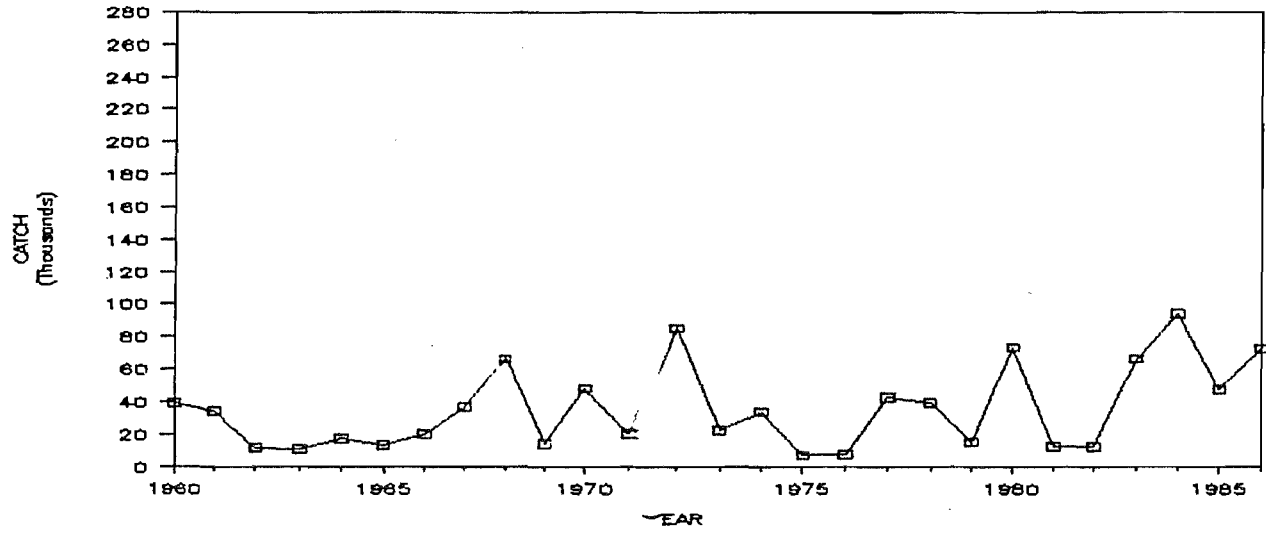


Figure 32. **AREA 3Z CHUM NET CATCH 1960-1986**

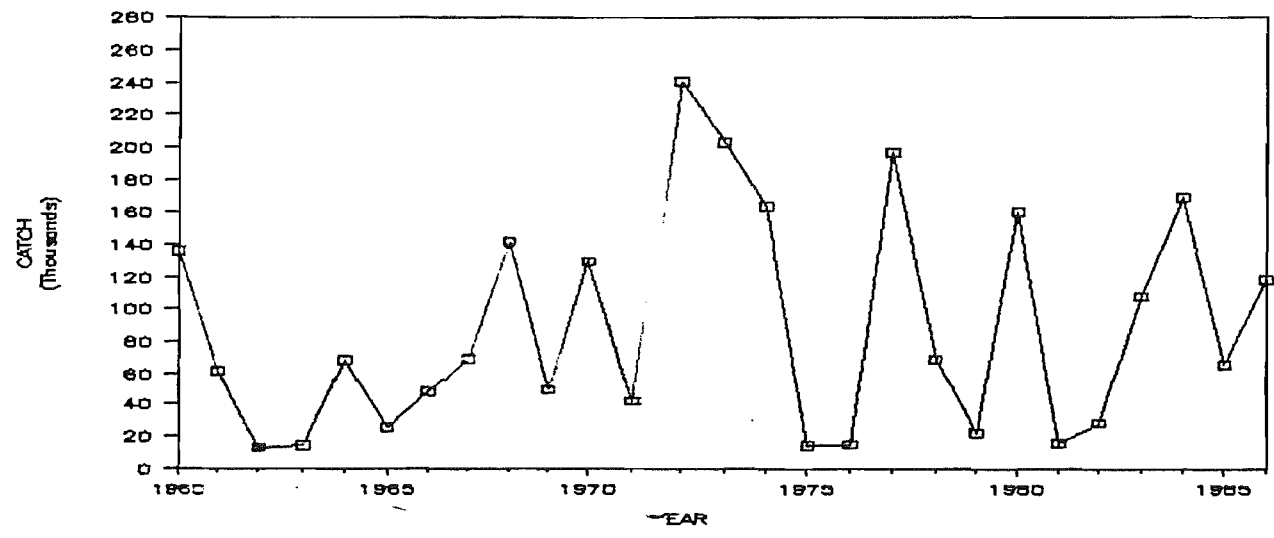


Figure 33. **CHUM NET CATCHES FOR 1,2W,2E**

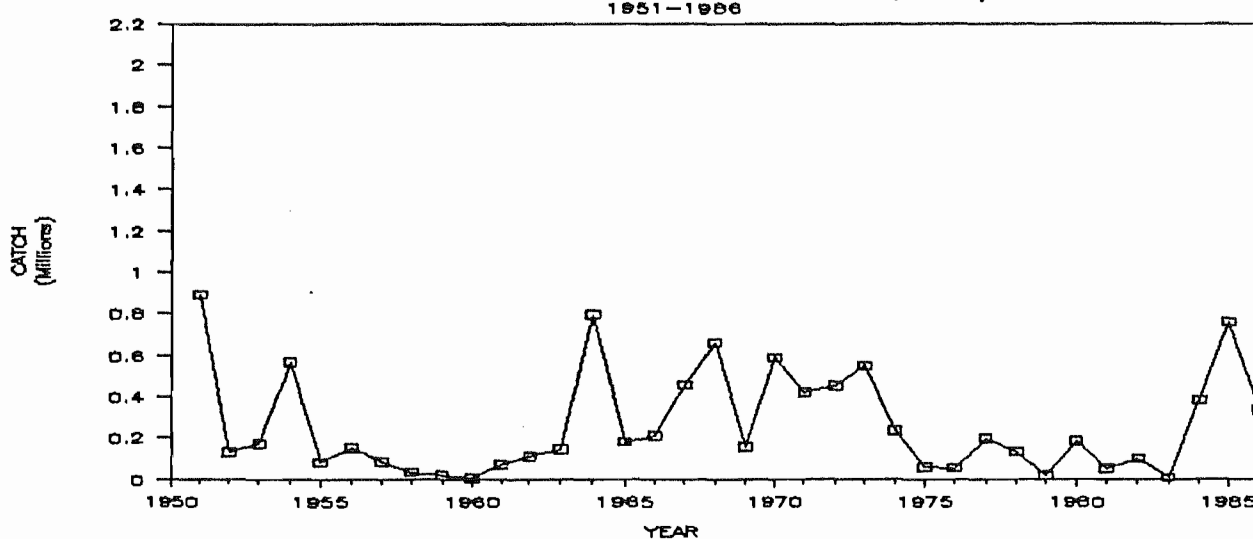


Figure 34. **CHUM NET CATCHES FOR AREAS 3,4,5**

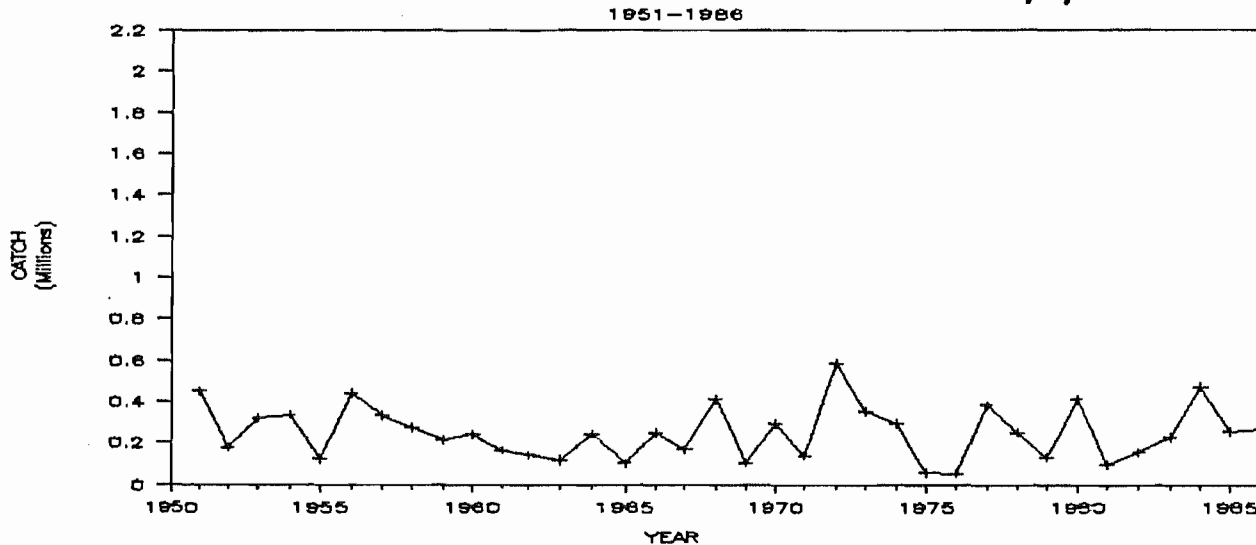


Figure 35. **CHUM NET CATCHES FOR AREAS 6-10**

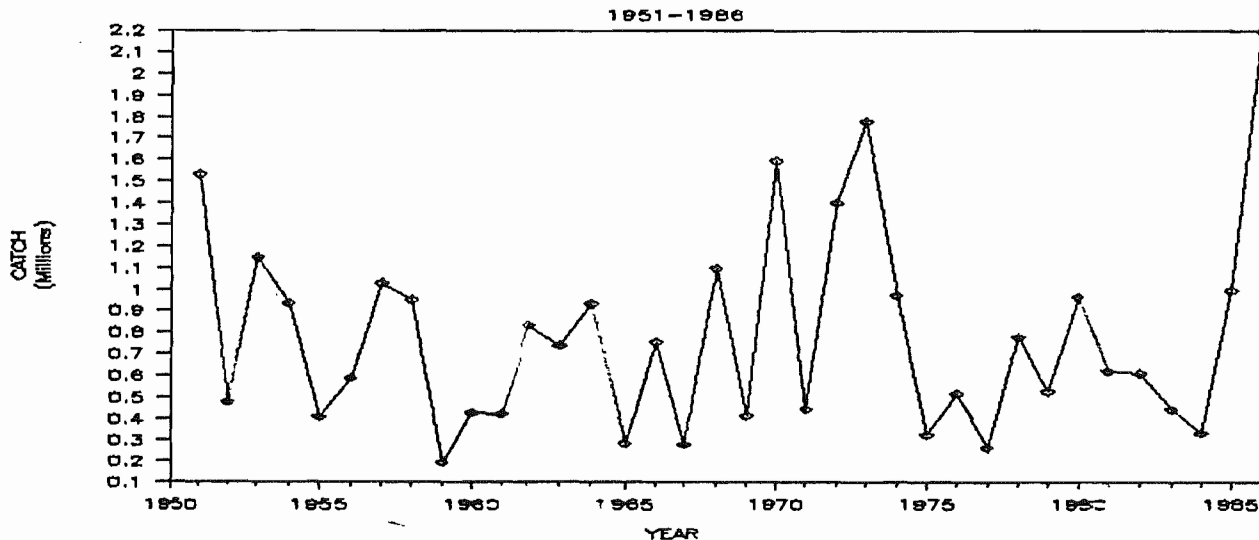


Figure 36. Alaska Department of Fish and Game Statistical Areas.

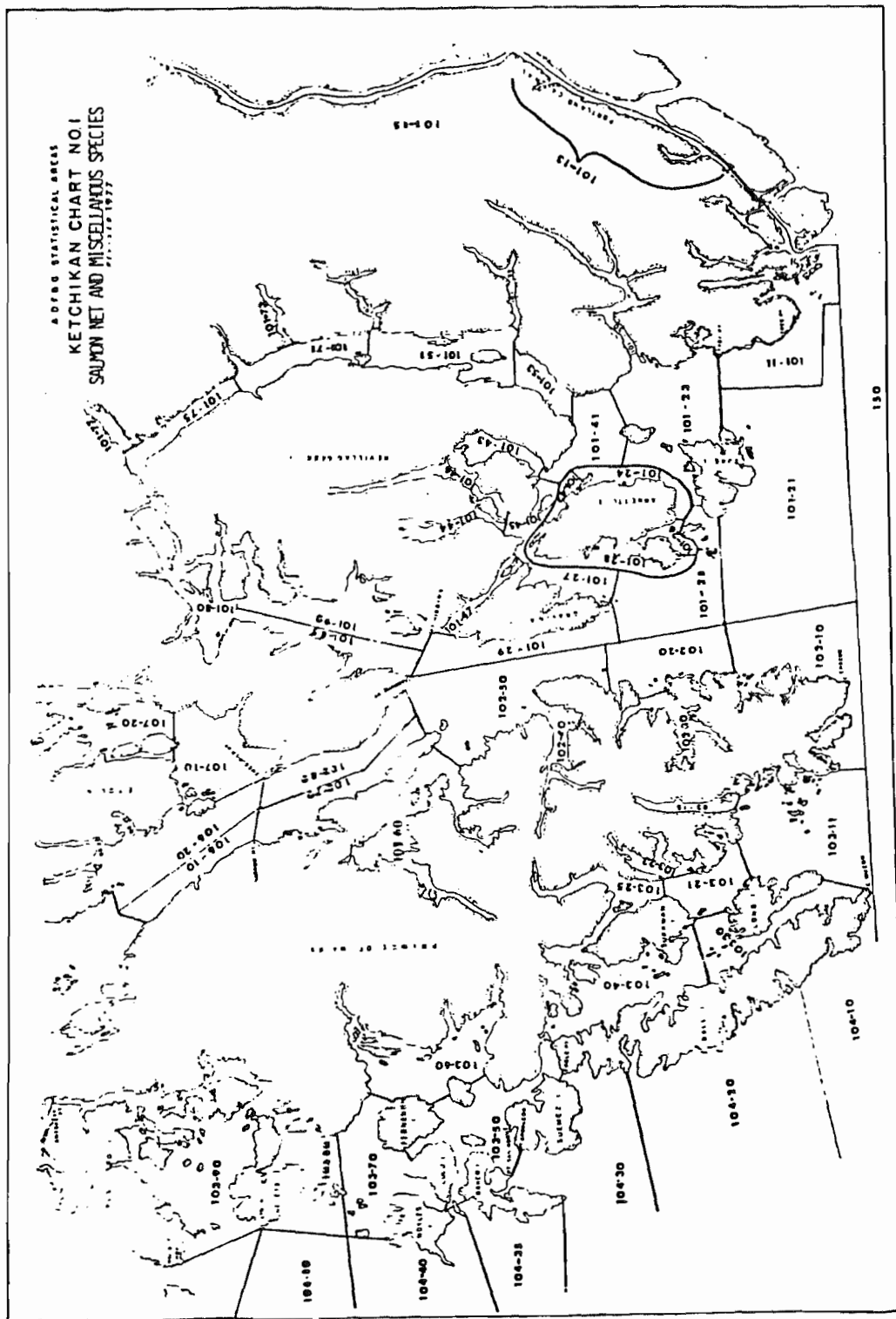
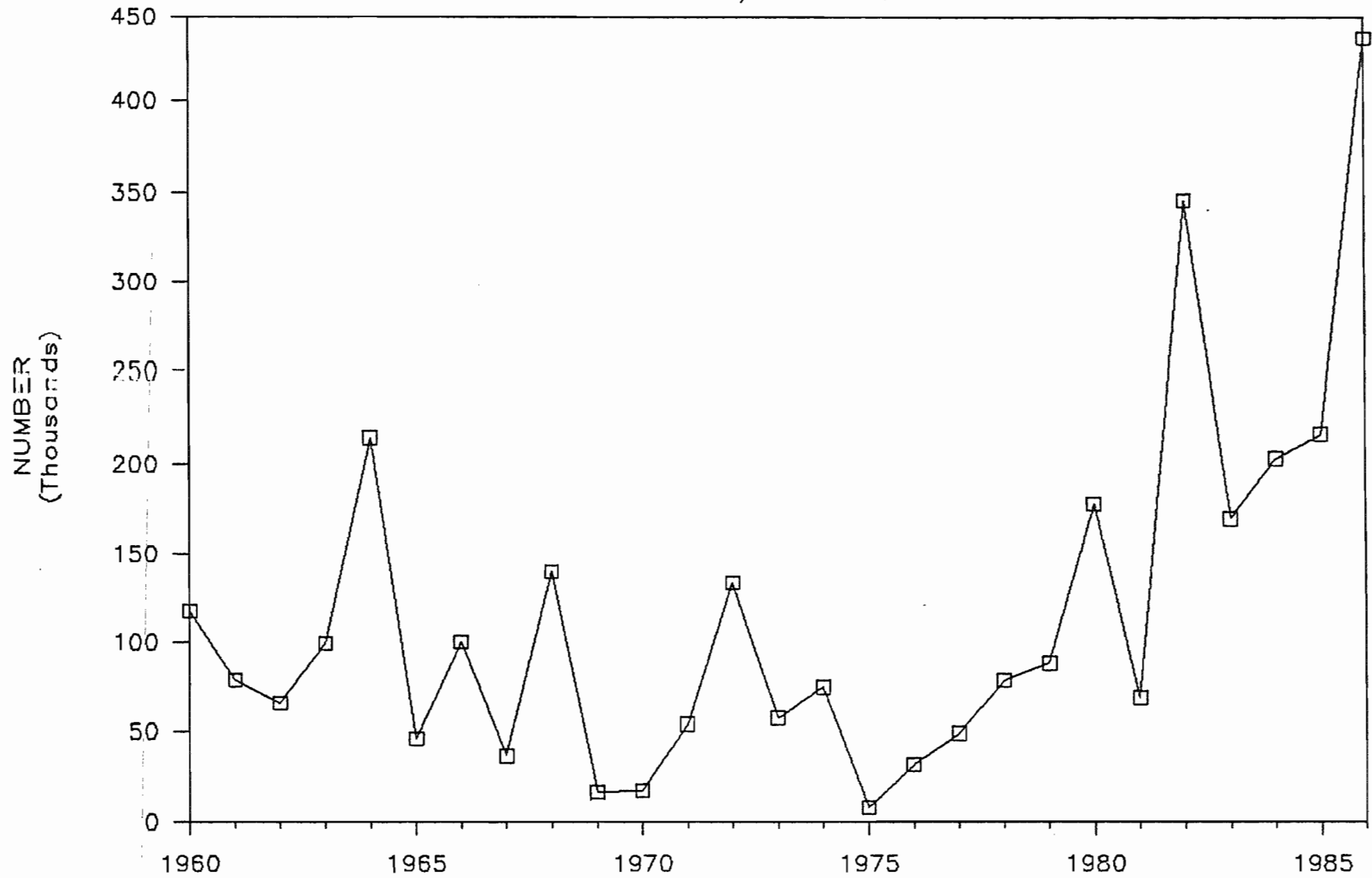


Figure 37.

NOYES ISLAND (DISTRICT 104) CHUM SALMON

SEINE CATCH, 1960-1986

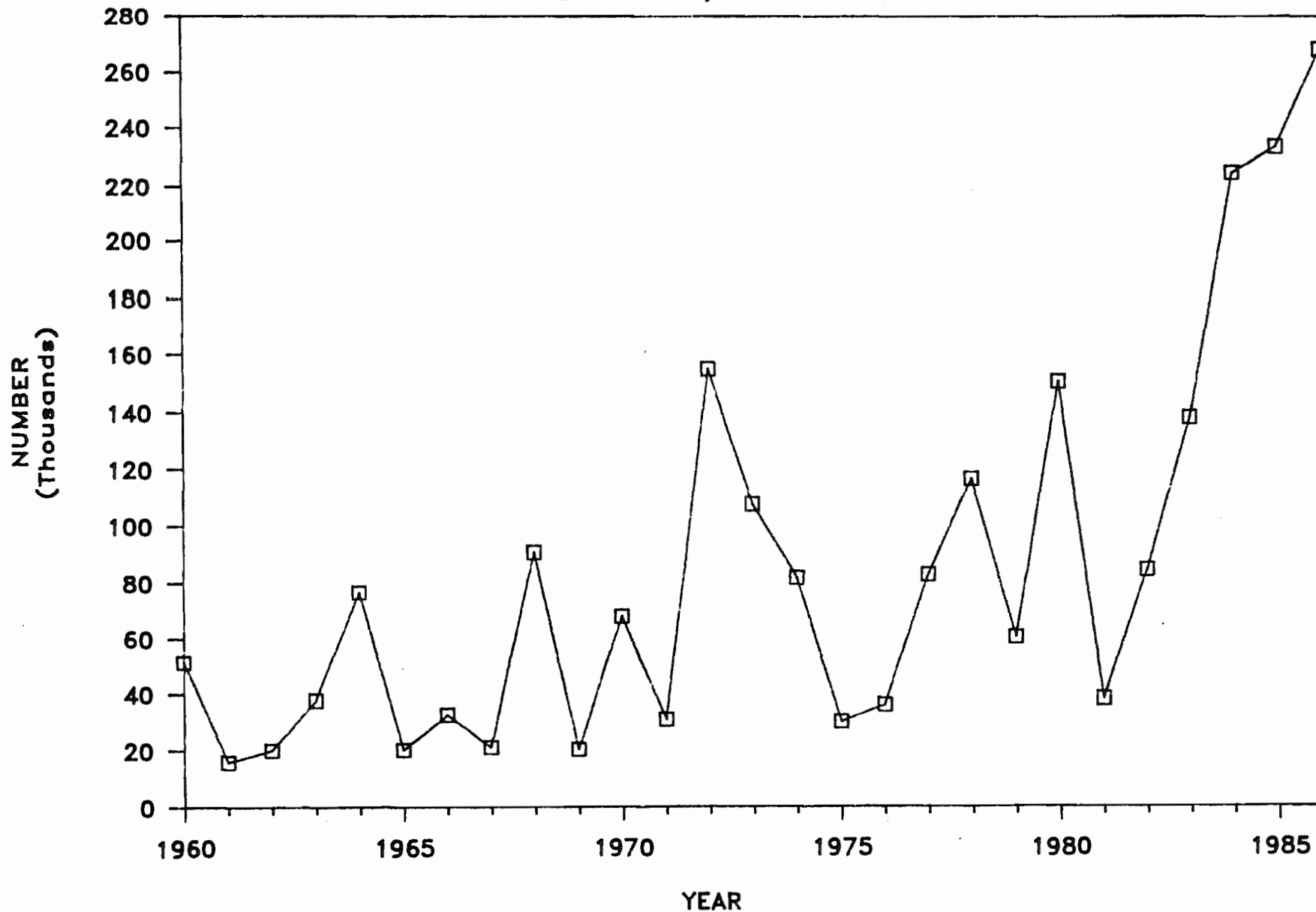


63

Figure 38.

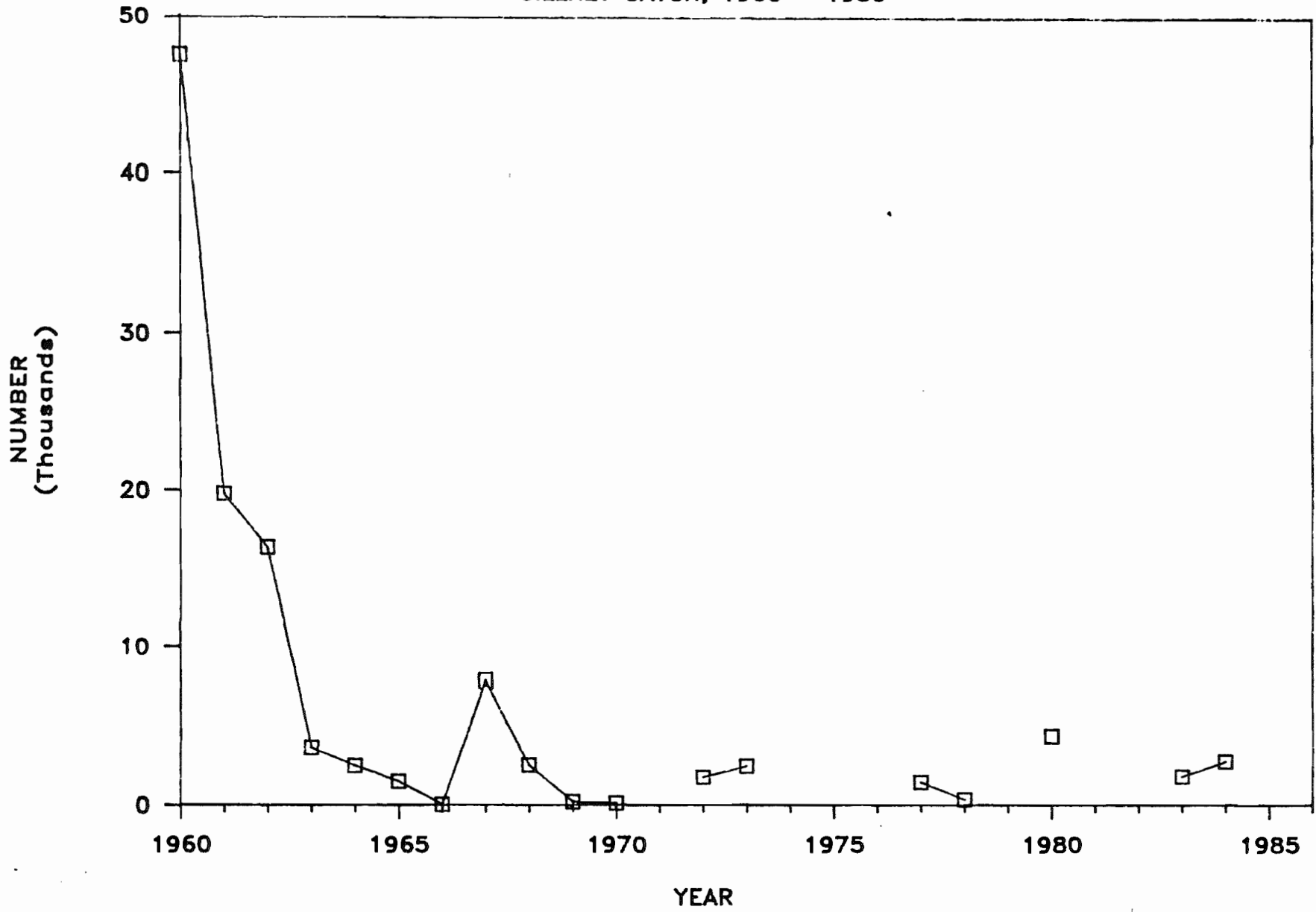
TREE POINT (101-11) CHUM SALMON

GILLNET CATCH, 1960 - 1986



40

Figure 39. PORTLAND CANAL (101-13) CHUM SALMON
GILLNET CATCH, 1960 - 1986



41

Figure 40.

LOWER CLARENCE (101-21,-25) CHUM SALMON

PURSE SEINE CATCH, 1960 - 1986

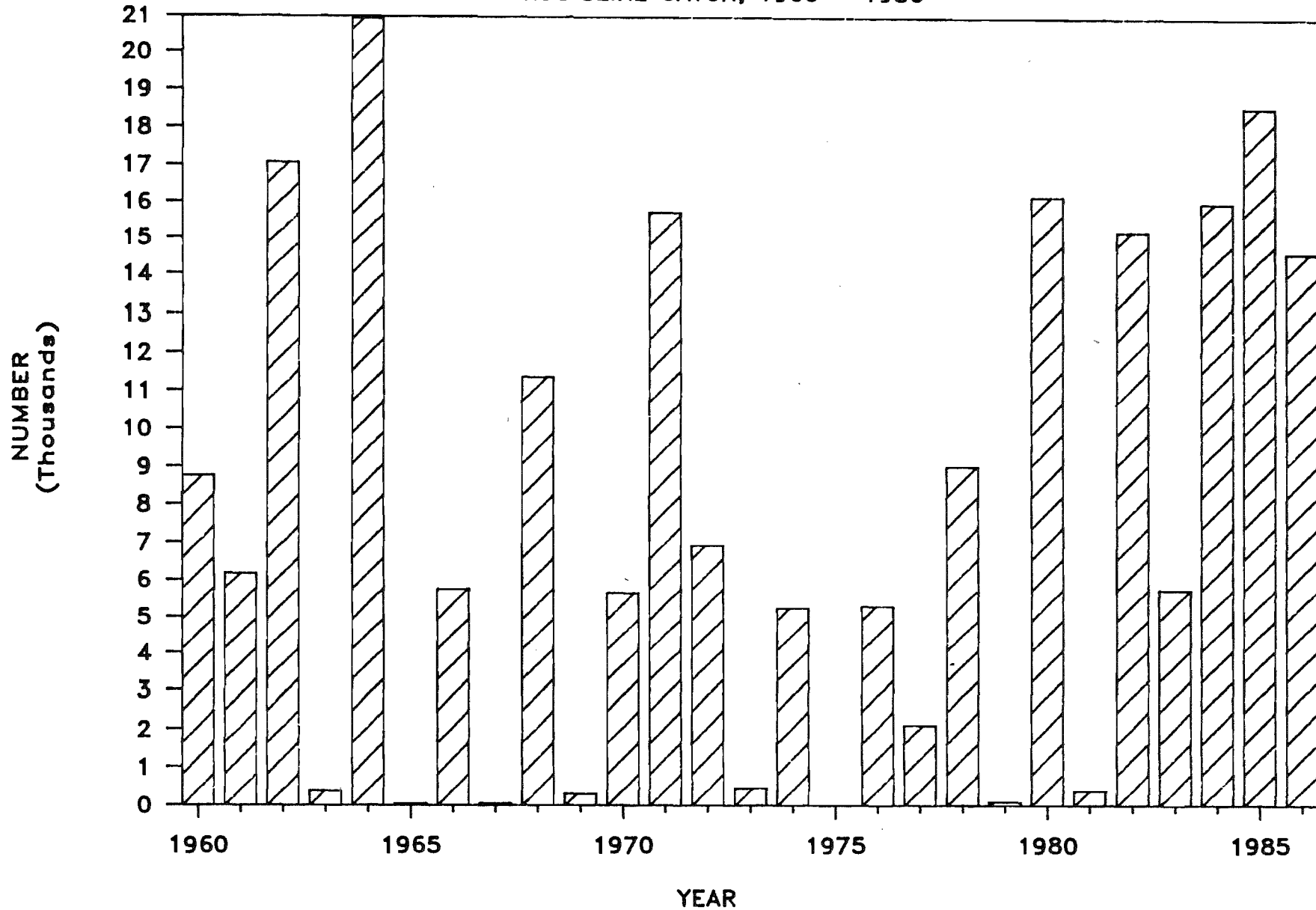


Figure 41. GRAVINA ISLAND (101-27,-29) CHUM SALMON

PURSE SEINE CATCH, 1960 - 1986

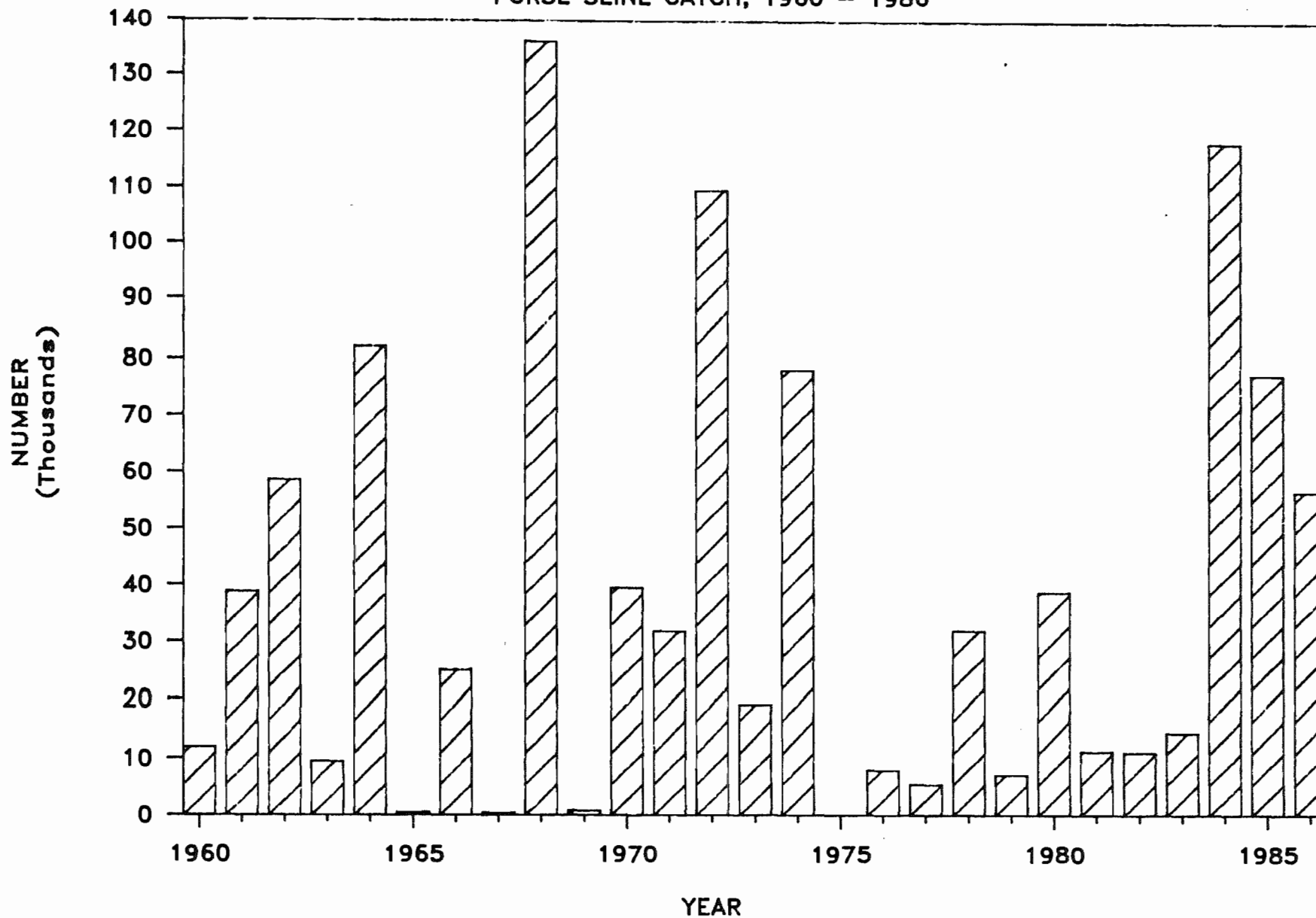


Figure 42. UPPER REVILLA CHANNEL 101-43 - 101-47

CHUM PURSE SEINE CATCH, 1960 - 1986

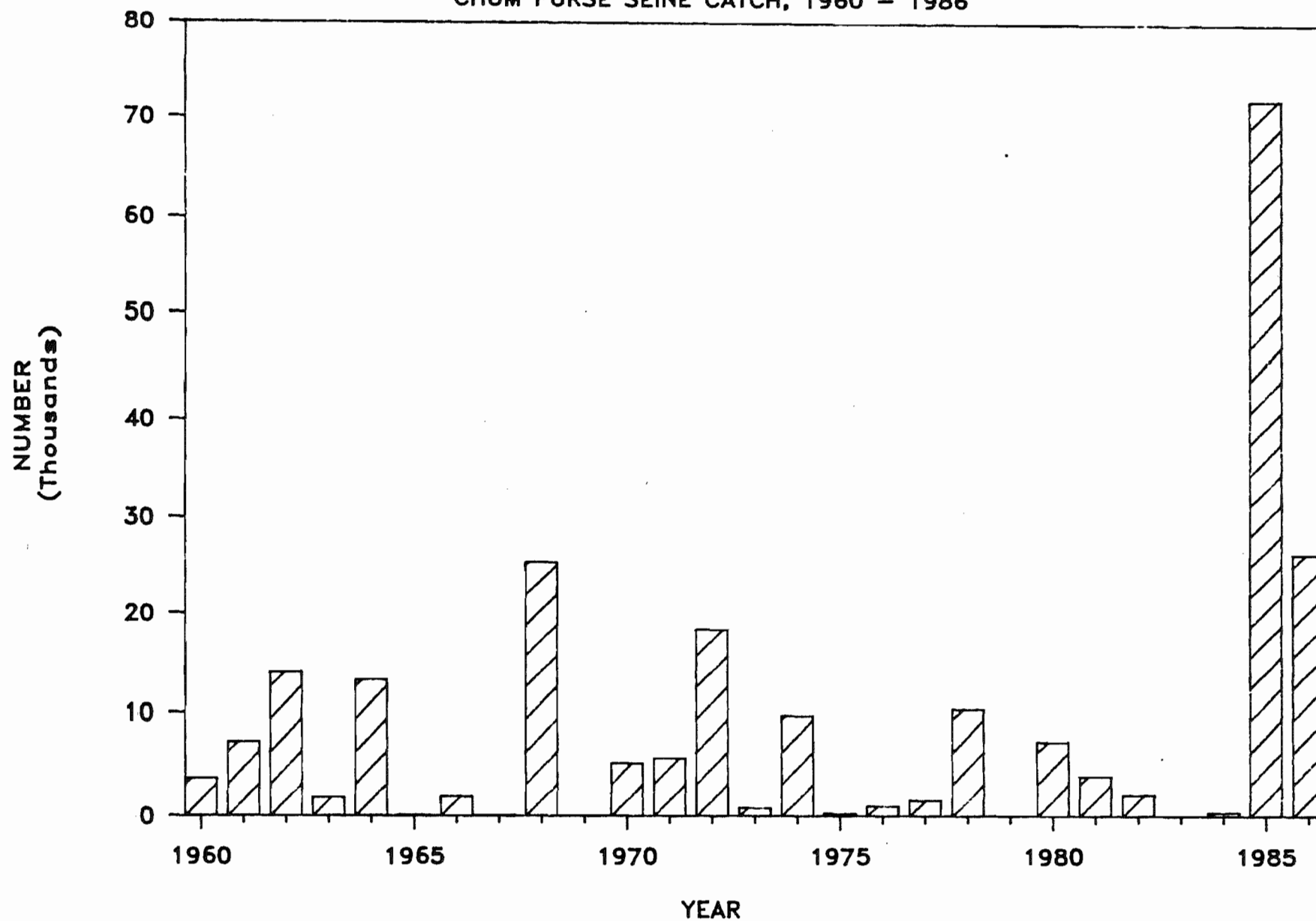


Figure 43. LOWER REVILLA CHANNEL (101-23,-41) CHUM

PURSE SEINE CATCH, 1960 - 1986

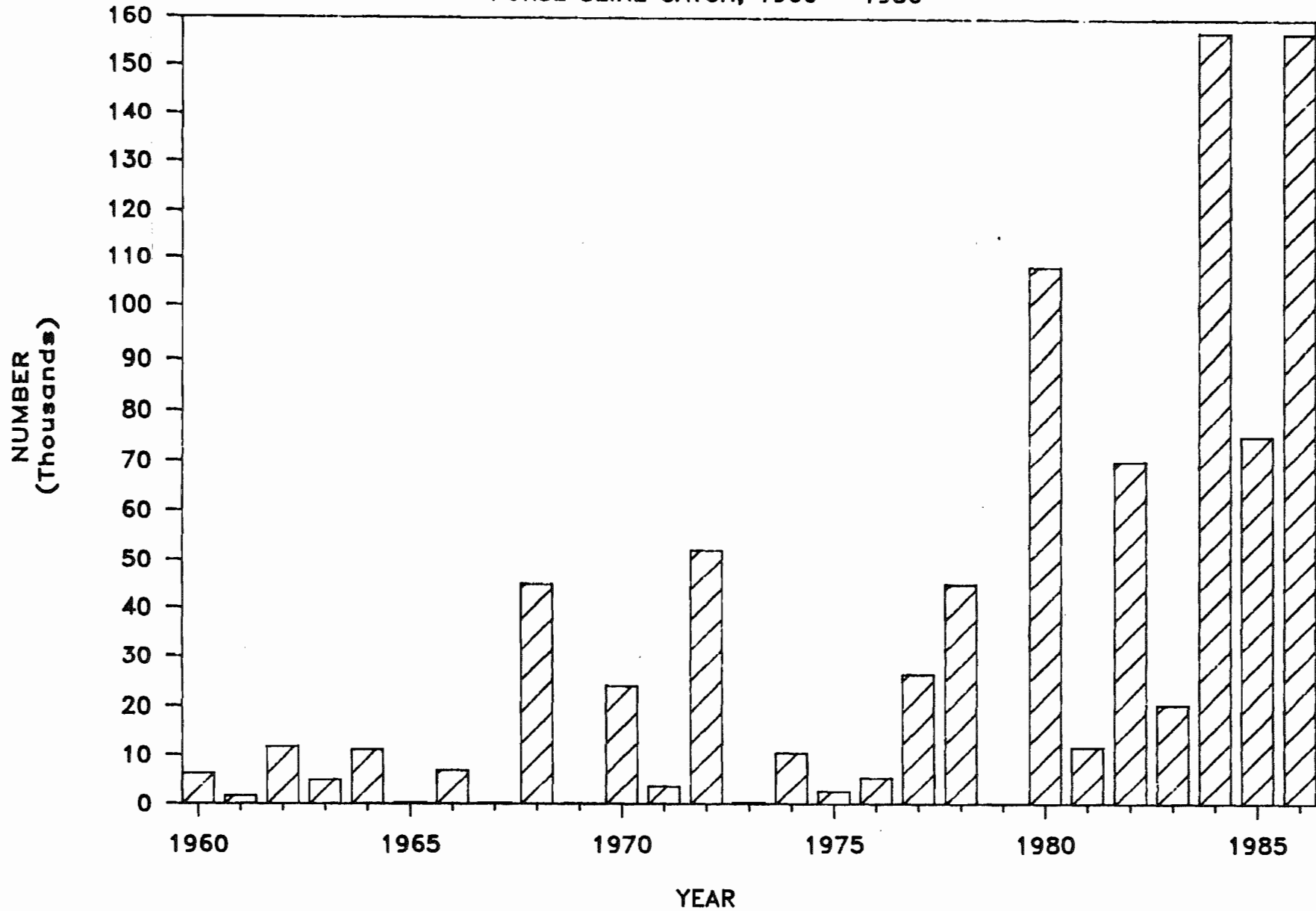
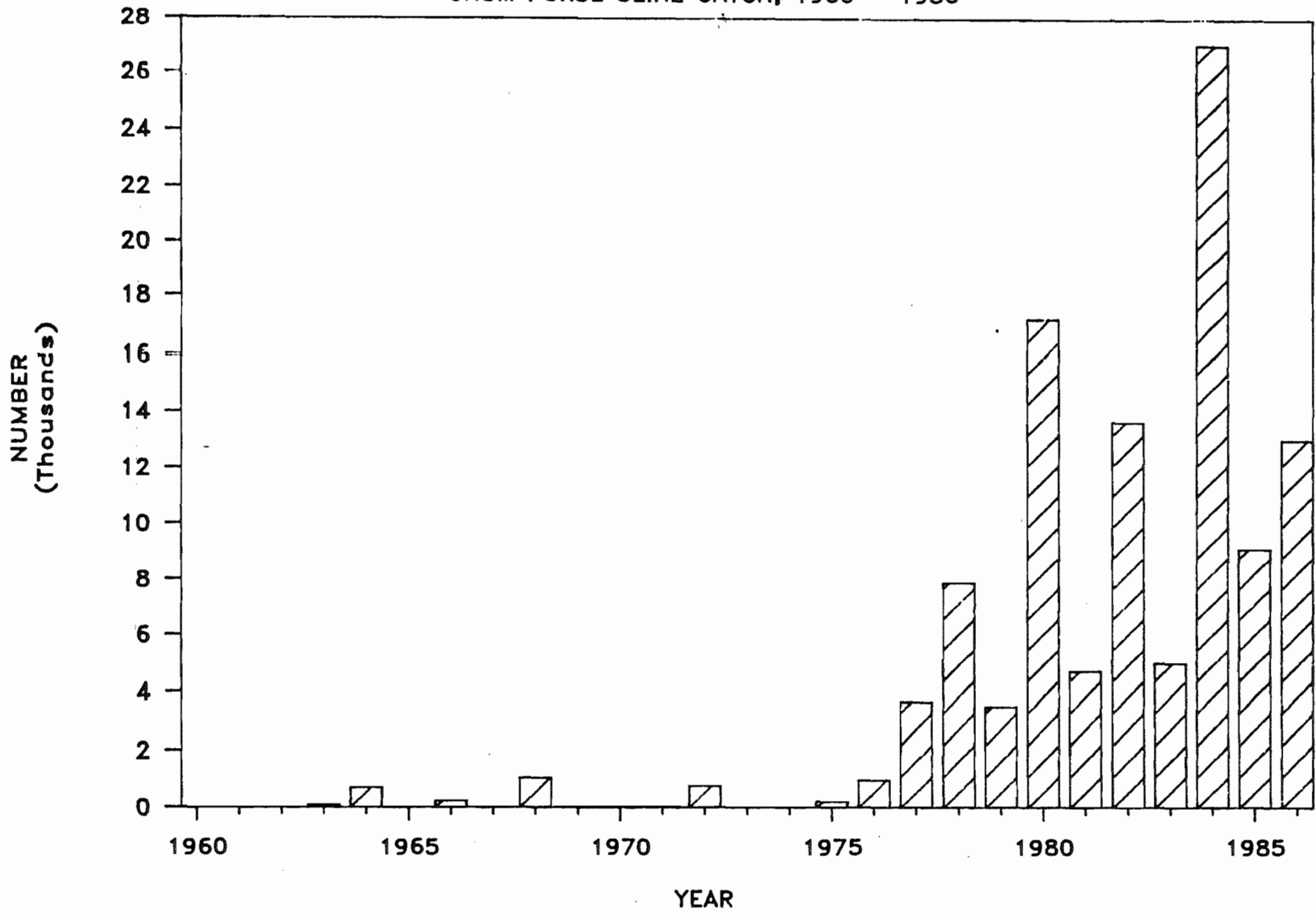


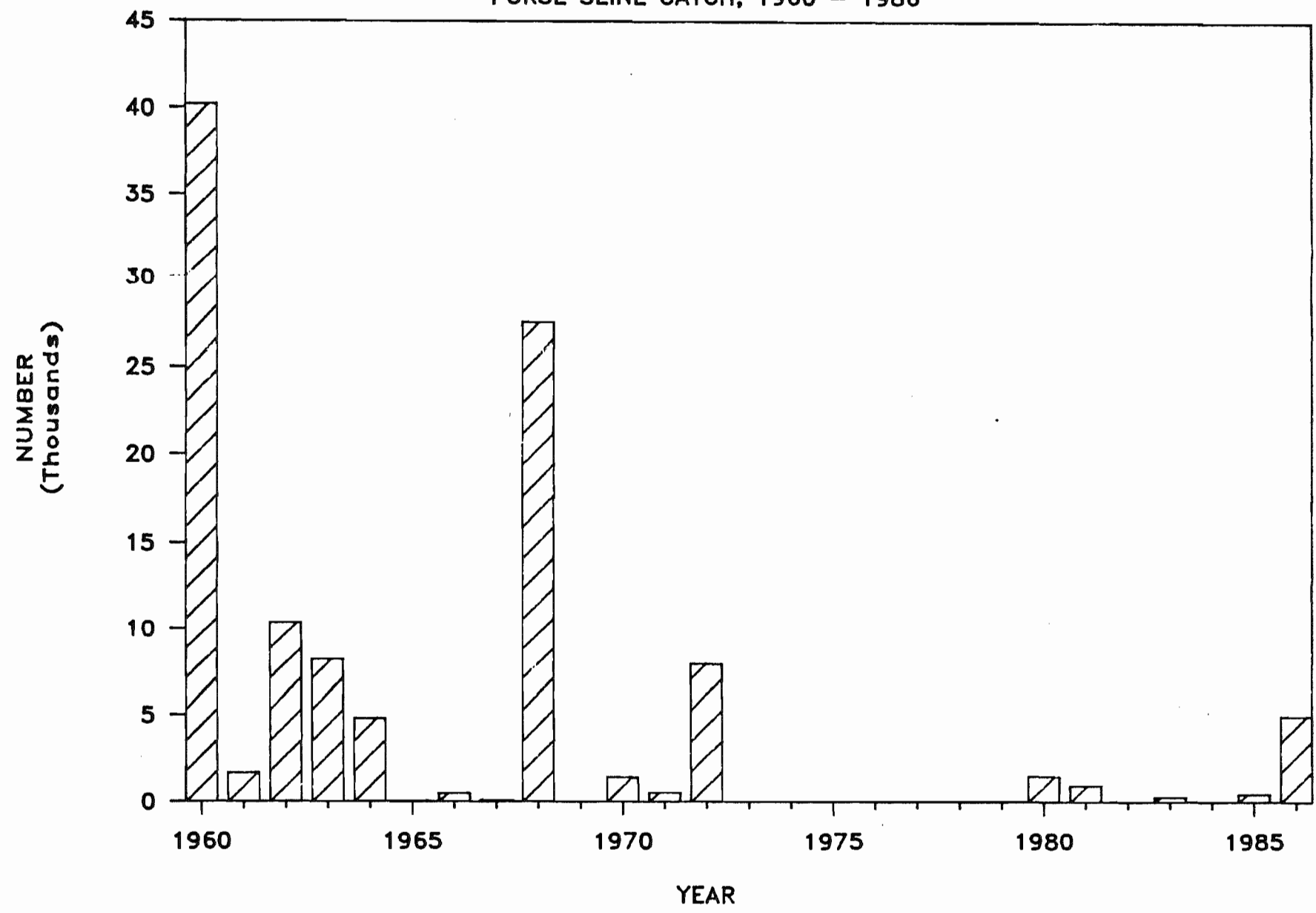
Figure 44. ANNETTE ISLAND (101-24,-26,-28,-42)
CHUM PURSE SEINE CATCH, 1960 - 1986



46

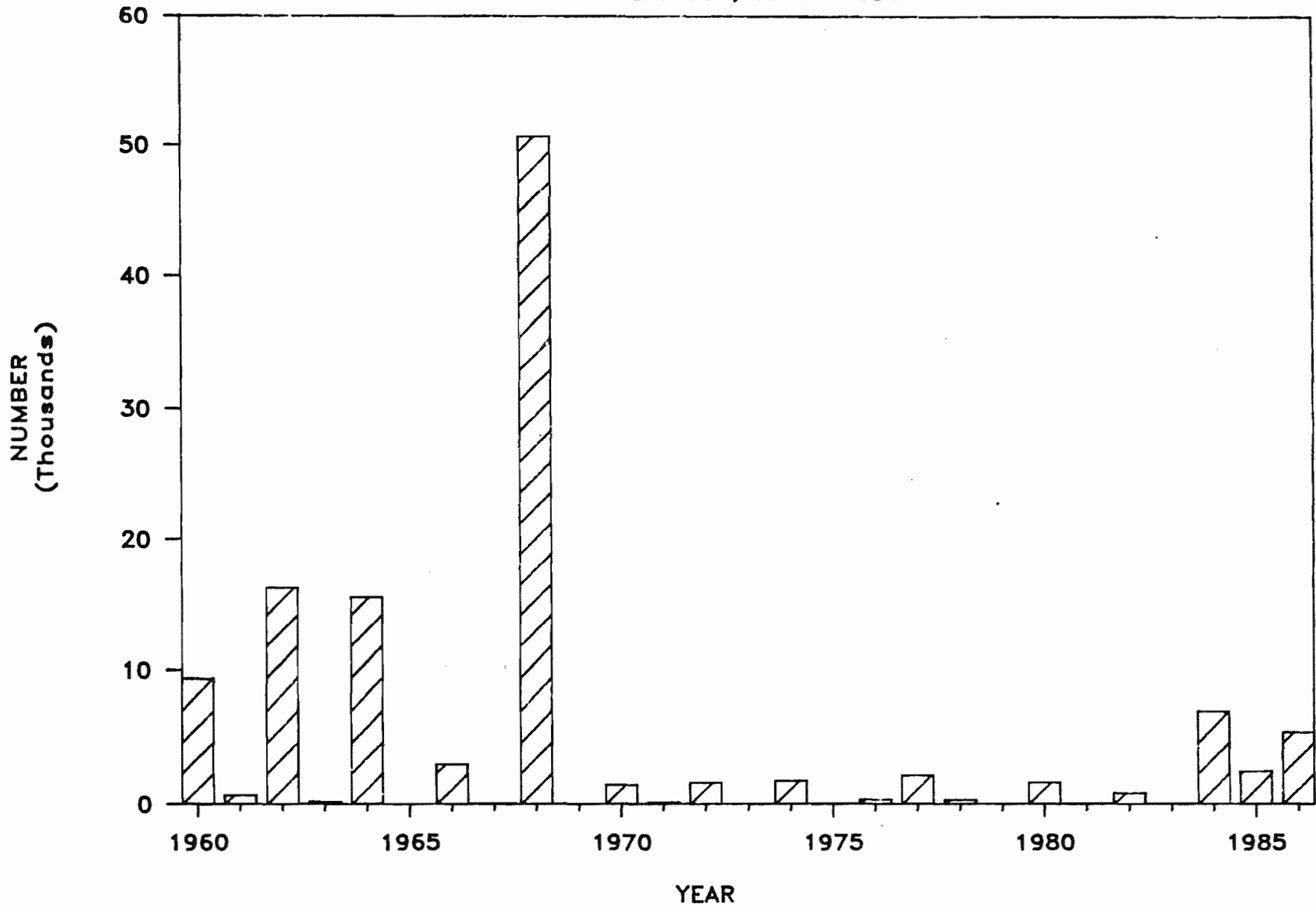
Figure 45. BOCA DE QUADRA (101-30) CHUM SALMON

PURSE SEINE CATCH, 1960 - 1986



47

Figure 46. EAST BEHM CANAL (101-53, 101-55) CHUM
PURSE SEINE CATCH, 1960 - 1986



48

Figure 47. WEST BEHM CANAL (101-80,-90,-95) CHUM.

PURSE SEINE CATCH, 1960 - 1986

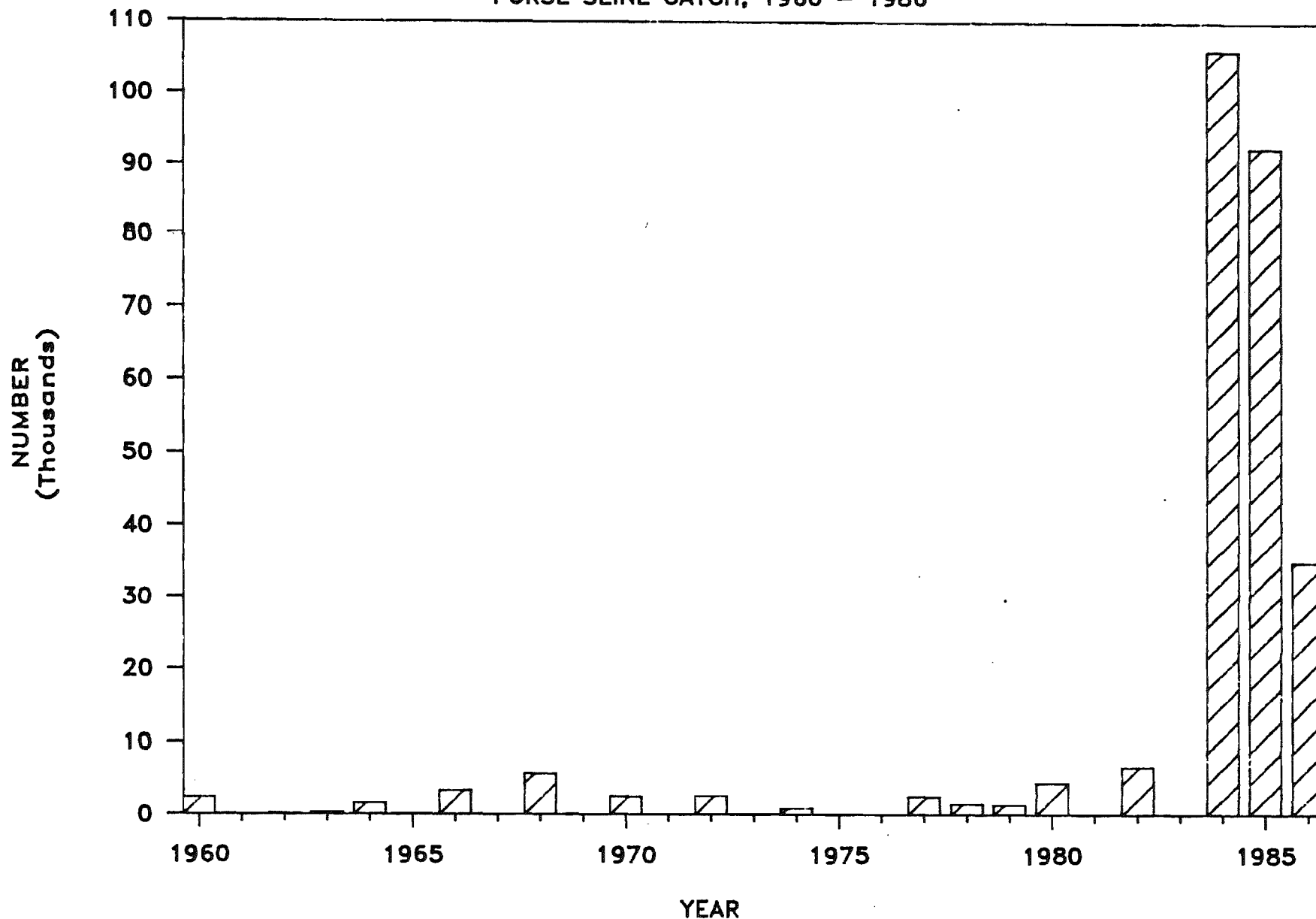


Table 1. Proportion of Southeast Alaska enhanced chum salmon contributing to Northern Boundary Fisheries.

Alaska/Tree Point gillnet fishery

YEAR	TOTAL CATCH	ESTIMATED ENHANCED CONTRIBUTION	% ENHANCED
1982	84,559	12,000	14%
1983	139,713	29,000	21%
1984	227,707	56,000	25%
1985	218,245	77,000	35%
1986*	245,302	36,000	15%

* Preliminary estimate only.

Note: Canadian hatcheries contributed an estimated 10 chum during 1984 and 67 chum during 1985 to the Tree Point gillnet fishery.

Canada / Area 3 fishery

YEAR	TOTAL CATCH	ESTIMATED ENHANCED CONTRIBUTION	% ENHANCED
1982	71,000	**	**
1983	183,000	41,000	22%
1984	317,000	61,000	19%
1985	126,000	36,000	29%
1986	***	***	***

** No 1982 chum CWT recovery program.

*** Data not available at this time.

Table 2. Summary of commercial recoveries of chum salmon tagged in southern Southeast Alaska, 1924-1958

Tagging Areas	Northern Southeast Alaska		Sumner Strait		Clarence Strait North		Clarence Strait Central		Clarence Strait Southeast		Clarence Strait Southwest		Portland Canal	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sumner Strait (Ruins Point) 1924	2	6.3	8	6.3	2	6.3	3	.4	-	-	2	.3	-	-
(Ruins Point) 1925	14	8.4	80	47.9	9	5.4	2	1.2	8	4.8	30	18.0	-	-
(Point Colpoys) 1926	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-
(Cape Decision) 1927	6	66.7	3	33.3	-	-	-	-	-	-	-	-	-	-
(Cape Muzon & Kaigani Point) 1925	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kaigani Strait 1926	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dall Island McLeod Bay 1958	-	-	-	-	-	-	-	-	1	0.7	9	6.6	-	-
Cape Chacon 1925	-	-	-	-	-	-	-	-	4	7.4	40	74.1	-	-
Cape Fox 1924 & 1925	-	-	-	-	-	-	-	-	10	83.3	1	8.3	-	-
Cape Chacon 1926	-	-	-	-	-	-	7	8.5	71	86.6	-	-	1	1.2
Nelson Cove Gravina Island 1926	-	-	-	-	1	2.5	13	32.5	9	22.5	8	20.0	-	-
Stone Rock Bay Cape Chacon 1926	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kaigani Strait (Long-Dall Island) 1926	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 2. (continued)

Tagging Area	Northern Alaska		Sumner Strait		Clarence Strait North		Clarence Strait Central		Clarence Strait Southeast		Clarence Strait Southwest		Portland Canal	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Gravina Island (Dall Head, Nelson Cove) 1927	-	-	-	-	-	-	2	66.7	1	33.3	-	-	-	-
Cape Fox 1930	-	-	-	-	-	-	1	8.3	10	83.3	-	-	1	8.3
Kasaan Bay 1930	-	-	-	-	4	11.1	29	80.6	1	2.8	2	5.6	-	-
Cape Fox 1947	-	-	-	-	-	-	-	-	16	50.0	-	-	-	-
Clarence Strait Southeast 1947	-	-	-	-	-	-	-	-	61	100.0	-	-	-	-
Clarence Strait Southwest 1947	-	-	-	-	-	-	-	-	-	-	30	96.8	-	-
McLeod Bay 1958	-	-	-	-	-	-	-	-	1	0.7	9	6.6	-	-
Pt. Desconocida 1953	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cape Addington 1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cape Ulitka 1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total 1924-1958	22	2.6	91	10.8	17	2.0	57	6.7	193	22.8	131	15.5	2	0.2

Table 2. (continued)

Tagging Areas	Ernest Sound		Prince of Wales Southwest Coast		Northwest Coast		Cordova Bay		British Columbia		Total Released	Recovered Tags	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Suquet Strait (Ruins Point) 1924	-	-	1	3.1	4	12.5	-	-	-	-	237	22	9.3
(Ruins Point) 1925	1	0.6	9	5.4	14	8.4	-	-	-	-	682	167	24.5
(Point Colpoys) 1926	-	-	-	-	-	-	-	-	-	-	11	1	9.0
(Cape Decision) 1927	-	-	-	-	-	-	-	-	-	-	82	9	11.0
(Cape Huzon & Kaigani Point) 1925	-	-	3	100.0	-	-	-	-	-	-	45	3	7.0
Kaigani Strait 1926	-	-	2	66.7	-	-	1	33.3	-	-	18	3	17.0
Dall Island McLeod Bay 1950	-	-	20	14.6	-	-	107	78.1	-	-	473	137	29.0
Cape Chacon 1925	-	-	4	7.4	-	-	6	11.1	-	-	240	54	23.0
Cape Fox 1924 & 1925	-	-	-	-	-	-	-	-	1	8.3	67	12	17.9
Cape Chacon 1926	1	1.2	-	-	-	-	-	-	2	2.4	358	82	22.9
Nelson cove Gravina Island 1926	6	15.0	-	-	-	-	-	-	3	7.5	187	40	21.4
Stone Rock Bay Cape Chacon 1926	-	-	-	-	-	-	-	-	-	-	5	-	0.0
Kaigani Strait (Long-Dall Island) 1926	-	-	1	33.3	-	-	2	66.7	-	-	18	3	6.0

Table 2. (continued)

Tagging Areas	Ernest Sound		Prince of Wales Island Southwest Coast		Northwest Coast		Cordova Bay		British Columbia		Total Released	Recovered Tags	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Gravina Island (Dall Head, Nelson Cove) 1927	-	-	-	-	-	-	-	-	-	-	52	3	6.0
Cape Fox 1930	-	-	-	-	-	-	-	-	-	-	59	12	20.3
Kasaan Bay 1930	-	-	-	-	-	-	-	-	-	-	168	36	21.4
Cape Fox 1947	-	-	-	-	-	-	-	-	16	50.0	340	32	10.6
Clarence Strait Southeast 1947	-	-	-	-	-	-	-	-	-	-	213	61	28.6
Clarence Strait Southwest 1947	-	-	-	-	-	-	-	-	1	3.2	113	31	11.5
McLeod Bay 1950	-	-	20	14.6	-	-	107	70.1	-	-	473	137	28.9
Pt. Desconocide 1950	-	-	1	100.0	-	-	-	-	-	-	4	1	25.0
Cape Addington 1958	-	-	-	-	-	-	-	-	-	-	14	-	0.0
Cape Ulitka 1958	-	-	-	-	-	-	-	-	-	-	1	-	0.0
Grand Total 1924-1958	8	0.9	61	7.2	18	2.1	223	26.4	23	2.7	3,860	846	21.9

Table 3. Summary of commercial recoveries of chum salmon tagged in British Columbia, 1929-1968.

Tagging Areas	Northern Alaska		Southeast Alaska		Sumner Strait		Clarence Strait North		Clarence Strait Central		Clarence Strait Southeast		Clarence Strait Southwest		Portland Canal	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Johnston Strait 1929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deep Water Bay 1929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Robsons Blight 1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite Bay 1930	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound Area 3 1945	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	50.0
Chatham Sound Area 4 1945	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound Area 3 1946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound Area 4 1946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	20.0
Chatham Sound Area 3 1947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound Area 4 1947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound Area 3 1948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound Area 4 1948	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3. (continued)

Tagging Areas	Northern Alaska		Southeast		Summer Strait		Clarence Strait North		Clarence Strait Central		Clarence Strait Southeast		Clarence Strait Southwest		Portland Canal	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Chatham Sound	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Area 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Area 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chatham Sound	-	-	-	-	-	-	-	-	-	10	3.7	2	0.7	61	22.4	
Area 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chatham Sound	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Area 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1957	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chatham Sound	-	-	-	-	-	-	-	-	1	1.9	-	-	2	3.0		
Area 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1957	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chatham Sound	-	-	-	-	-	-	1	4.8	4	9.0	2	9.5	-	-		
Area 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chatham Sound	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Area 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Chatham Sound	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Area 5	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1958	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dixon Entrance	-	-	-	-	1	1.5	-	-	5	7.6	7	10.6	-	-		
1966	-	-	-	-	-	-	-	-	3	11.5	-	-	-	-		
Dundas Island	-	-	-	-	-	-	-	-	3	7.5	2	5.0	-	-		
1966	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dixon Entrance	-	-	-	-	-	-	-	-	3	7.5	2	5.0	-	-		
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dundas Island	-	-	-	-	-	-	-	-	10	11.2	-	-	-	-		
1967	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dixon Entrance	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dundas Island	-	-	-	-	5	1.8	-	-	99	36.1	13	4.7	-	-		
1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Grand Total	-	-	-	-	6	0.6	1	0.1	135	14.2	26	2.7	65	6.9		
1929-1968	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Table 3. (continued)

Tagging Areas	Ernest Sound		Prince of Wales Island Southwest Coast		Northwest Coast		Cordova Bay		British Columbia		Total Released	Recovered Tags	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Johnston Strait 1929	-	-	-	-	-	-	-	-	-	-	5	-	0.0
Deep Water Bay 1929	-	-	-	-	-	-	-	-	2	100.0	33	2	6.0
Robsons Bight 1930	-	-	-	-	-	-	-	-	23	100.0	351	23	6.6
Granite Bay 1930	-	-	-	-	-	-	-	-	1	100.0	531	1	0.2
Chatham Sound Area 3 1945	-	-	-	-	-	-	-	-	1	50.0	52	2	3.9
Chatham Sound Area 4 1945	-	-	-	-	-	-	-	-	1	100.0	9	1	11.1
Chatham Sound Area 3 1946	-	-	-	-	-	-	-	-	1	100.0	7	1	14.3
Chatham Sound Area 4 1946	-	-	-	-	-	-	-	-	4	80.0	38	5	13.2
Chatham Sound Area 3 1947	-	-	-	-	-	-	-	-	1	100.0	9	1	11.1
Chatham Sound Area 4 1947	-	-	-	-	-	-	-	-	1	100.0	78	1	1.3
Chatham Sound Area 3 1948	-	-	-	-	-	-	-	-	38	100.0	139	38	27.3
Chatham Sound Area 4 1948	-	-	-	-	-	-	-	-	-	-	5	0	0.0

Table 3. (continued)

Tagging Areas	Ernest Sound		Prince of Wales Island Southwest Coast		Northwest Coast		Cordova Bay		British Columbia		Total Released	Recovered Tags	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		Number	Percent
Chatham Sound Area 3 1955	-	-	-	-	-	-	-	-	2	100.0	13	2	15.4
Chatham Sound Area 5 1956	-	-	-	-	-	-	-	-	1	100.0	15	1	6.7
Chatham Sound Area 3 1957	-	-	1	0.4	-	-	-	-	198	72.8	964	272	28.2
Chatham Sound Area 4 1957	-	-	-	-	-	-	-	-	6	100.0	16	6	37.5
Chatham Sound Area 5 1957	-	-	-	-	-	-	-	-	49	94.2	164	52	31.5
Chatham Sound Area 3 1958	-	-	-	-	-	-	-	-	14	66.7	96	21	21.9
Chatham Sound Area 4 1958	-	-	-	-	-	-	-	-	1	100.0	11	1	9.1
Chatham Sound Area 5 1958	-	-	-	-	-	-	-	-	23	100.0	78	23	29.5
Dixon Entrance 1966	-	-	3	4.5	-	-	-	-	53	80.3	307	66	21.4
Dundas Island 1966	-	-	-	-	-	-	-	-	23	88.5	78	26	33.3
Dixon Entrance 1967	-	-	-	-	-	-	-	-	35	87.5	337	40	19.9
Dundas Island 1967	-	-	-	-	-	-	-	-	79	88.8	245	89	36.3
Dixon Entrance 1968	-	-	-	-	-	-	-	-	-	-	6	0	0.0
Dundas Island 1968	5	1.8	-	-	-	-	-	-	152	55.5	1,065	274	25.7
Grand Total 1929-1968	5	0.5	4	0.4	-	-	-	-	709	74.8	4,652	948	20.4

Table 4. Number of tagged pink, sockeye, and chum salmon released in southern Southeast Alaska and northern British Columbia, 1982-1985.

Location	1982		1983		1984		1985	
	Pink	Sockeye	Sockeye	Chum	Pink	Chum	Pink	Chum
Noyes Is.	17,200	2,813	3,047	474	5,464	164	17,968	558
Dall Is.	5,757	1,433	1,039	442	9,652	106	10,298	513
Cape Fox	17,477	1,636	883	1,187	9,011	358	5,013	145
Upper Clarence St.	6,942	2,137	4,556	585	0	0	7,152	52
Middle Clarence St.	14,666	136	0	0	0	0	5,970	86
Lower Clarence St.	12,950	382	473	29	6,375	221	7,573	174
Cordova Bay	5,606	29	0	0	0	0	4,012	57
Union B.	1,240	108	0	0	0	0	3,349	25
Alaska Total	81,838	8,720	9,998	2,717	30,502	849	68,811	1,866
Langara Island	3,465	7,909	4,714	672	0	0	5,603	488
Dixon Entrance	12,457	47	0	0	17,293	358	9,250	924
Dundas Island	12,749	10,090	2,753	227	12,195	194	8,439	139
Tracy/Boston Rocks	17,624	5,920	1,203	654	6,490	93	7,241	436
Stephens/Porcher Is.	7,128	5,637	753	253	4,534	149	5,680	74
Portland Inlet	4,924	1,348	2,470	954	7,480	190	7,481	373
Area 5	9,473	490	308	222	5,116	211	7,005	101
Area 6	0	0	0	0	0	0	6,102	617
Canadian Total	67,895	31,405	12,177	3,012	53,108	1,195	56,801	3,152
Grand Total	149,733	40,125	22,175	5,729	83,610	2,044	125,612	5,018

Table 5. The number of tags recovered in the study area from chum salmon over the period 1983-85 by recovery, and release area/district.

Release Area/District	Recovery Area/District											
	U.S.							Canada				
	101	101-11	102	103	104	105	106	Area 1	Area 3	Area 4	Area 5	Area 6
<u>U.S.</u>												
101-21/41/61/80	60	27	1						17	6		
101-11	35	259			3		3		151	11		4
102-10/20/30/40/50/60; 101-25/27/28/29	40	11	18	2	1		1		4			
103;104	85	67	18	25	60	4	21	2	53	14	2	5
106;107; 102-70/80	11	3	13	1	5	2	41		1	1	1	
<u>Canada</u>												
Area 1	43	20	13	3	4		1	1	21	4		19
Area 3	82	246	1	1			1		420	46	4	11
Area 4	3	31							38	17	6	6
Area 5	0	10							25	26	11	7
Area 6		2							4	2	2	78

09

Table . Select Boca de Quadra, East Behm, West Behm and Revillagigedo Island tributary in-stream chum salmon tag recoveries (unexpanded), 1983-1985. (Continued)

Release Location	Recovery Location											
	Marten River (101-30-060)				Traitors River (101-90-029)				Marguerite Creek (101-90-039)			
	1983	1984	1985	Total	1983	1984	1985	Total	1983	1984	1985	Total
Tree Point/Cape Fox (101-11)	-	-	-	-	-	-	-	-	-	1	-	1
DeLong Island (101-23)	-	-	-	-	-	-	1	1	-	-	-	-
Percy Island (101-25)	-	-	-	-	-	-	-	-	-	-	-	-
Gravina Island (101-29)	-	-	1	1	-	1	-	1	-	-	-	-
Point Sykes (101-41)	-	-	-	-	-	-	-	-	-	-	-	-
Security Bay (104-10)	-	-	-	-	-	1	-	1	-	-	-	-
Port Baron (104-20)	-	-	-	-	-	1	-	1	-	-	-	-
Baker Island (104-35)	-	-	-	-	-	-	-	-	-	-	-	-
Roller Bay (104-40)	1	-	-	1	-	1	-	1	-	-	-	-
Alaska Total	1	-	1	2	-	4	1	5	-	1	-	1
Dixon Entrance (Area 1 Troll)	-	-	-	-	-	-	-	-	-	-	-	-
Langara Island (Area 1 Seine)	-	-	-	-	-	-	-	-	-	-	-	-
Dundas Island (Area 3X)	-	-	1	1	-	-	-	-	-	-	-	-
Tracy/Boston Rocks (Area 3Y)	-	-	-	-	-	-	-	-	-	-	-	-
Portland Inlet (Area 3Z)	-	-	-	-	-	-	-	-	-	-	-	-
Stephens/Porcher Islands (Area 4)	-	-	-	-	-	-	-	-	-	-	-	-
Canadian Total	-	-	-	1	-	-	-	-	-	1	-	-
Grand Total	1	-	1	3	-	4	1	5	-	1	-	1

- Continued -

Table 6. (continued)

Select Boca de Quadra, East Behm, West Behm and Revillagigedo Island tributary in-stream chum salmon tag recoveries (unexpanded), 1983-1985.

Release Location	Recovery Location											
	White River (101-45-024)				King Creek (101-71-014)				Keta River (101-30-030)			
	1983	1984	1985	Total	1983	1984	1985	Total	1983	1984	1985	Total
Tree Point/Cape Fox (101-11)	1	-	-	1	-	-	-	-	-	-	-	-
DeLong Island (101-23)	-	-	-	-	-	1	-	1	-	-	-	-
Percy Island (101-25)	-	-	-	-	-	-	-	-	-	-	-	-
Gravina Island (101-29)	-	-	1	1	-	-	-	-	-	-	-	-
Point Sykes (101-41)	-	-	-	-	-	-	-	-	-	-	1	1
Security Bay (104-10)	-	-	-	-	-	1	-	1	-	-	-	-
Gooseneck Bay (104-20)	1	-	-	1	1	-	-	1	-	-	-	-
Baker Island (104-35)	-	-	-	-	-	-	-	-	-	-	-	-
Shaft Rock (104-40)	-	-	-	-	-	-	-	-	-	-	-	-
Alaska Total	2	-	1	3	1	2	-	3	-	-	1	1
Dixon Entrance (Area 1 Troll)	-	-	-	-	-	-	-	-	-	-	-	-
Langara Island (Area 1 Seine)	-	-	-	-	-	-	-	-	-	-	-	-
Bundee Island (Area 3X)	-	-	-	-	-	-	1	1	-	-	-	-
Tracy/Boston Rocks (Area 3Y)	-	-	-	-	-	-	-	-	-	-	-	-
Portland Inlet (Area 3Z)	-	-	-	-	-	-	-	-	-	-	-	-
Stephens/Porcher Islands (Area 4)	-	-	-	-	-	-	-	-	-	-	-	-
Canadian Total	-	-	1	-	-	-	1	1	-	-	1	1
Grand Total	2	-	1	3	1	52	1	4	-	-	1	1

- Continued -

Table 6. (continued)

Select Boca de Quadra, East Behm, West Behm and Revillagigedo Island
tributary in-stream chum salmon tag recoveries (unexpanded), 1983-1985.

Release Location	Recovery Location							
	Neets Bay (101-90-010)				Area 3			
	1983	1984	1985	Total	1983	1984	1985	Total
Tree Point/Cape Fox (101-11)	-	-	-	-	-	-	-	-
DeLong Island (101-23)	-	-	-	-	-	-	-	-
Percy Island (101-25)	-	-	-	-	-	-	-	-
Point Sykes (101-41)	-	-	-	-	-	-	-	-
Security Bay (104-10)	-	-	1	1	-	-	-	-
Baker Island (104-35)	-	-	1	1	-	-	-	-
Roller Bay (104-40)	-	-	3	3	-	-	-	-
Alaska Total	-	-	5	5	-	-	-	-
Dixon Entrance (Area 1 Troll)	-	-	1	1	-	-	1	1
Lanera Island (Area 1 Selne)	-	-	-	-	-	-	-	-
Dundas Island (Area 3X)	-	-	-	-	-	-	-	-
Tracy/Boston Rocks (Area 3Y)	-	-	-	-	-	-	-	-
Portland Inlet (Area 3Z)	-	-	-	-	-	-	-	-
Stephens/Porcher Islands (Area 4)	-	-	-	-	-	-	-	-
Canadian Total	-	-	1	1	-	-	1	1
Grand Total	-	-	6	6	-	-	1	1

Table 7. Select Portland Canal tributary in-stream chum salmon tag recoveries (unexpanded), 1983-1985.

Release Location	Recovery Location											
	Fish Creek (101-15-085)				Hidden Inlet (101-11-101)				Tombstone River (101-15-019)			
	1983	1984	1985	Total	1983	1984	1985	Total	1983	1984	1985	Total
Tree Point/Cape Fox (101-11)	4	3	1	8	-	-	1	1	-	-	-	-
Delong Island (101-23)	-	-	1	1	-	-	-	-	-	-	1	1
Percy Island (101-25)	1	-	-	1	-	-	-	-	-	-	-	-
Point Sykes (101-41)	-	-	-	-	-	-	-	-	-	-	1	1
Point Alava (101-41)	-	1	-	1	-	-	-	-	-	-	-	-
Security Bay (104-10)	-	-	-	-	-	-	-	-	-	-	1	1
Baker Island (104-35)	3	-	-	3	-	-	-	-	-	-	-	-
Alaska Total	8	4	2	14	-	-	1	1	-	-	3	3
Dixon Entrance (Area 1 Troll)	-	1	2	3	-	-	-	-	-	-	-	-
Langara Island (Area 1 Seine)	-	-	-	-	-	-	-	-	-	-	-	-
Dundas Island (Area 3X)	1	-	-	1	-	-	-	-	-	-	1	1
Tracy/Boston Rocks (Area 3Y)	11	-	8	19	-	-	1	1	-	-	3	3
Portland Inlet (Area 3Z)	8	-	2	10	-	-	-	-	-	-	-	-
Stephens/Porcher Islands (Area 4)	-	-	1	1	-	-	-	-	-	-	-	-
Area 5	-	-	1	1	-	-	-	-	-	-	-	-
Area 6	-	-	-	-	-	-	-	-	-	-	-	-
Canadian Total	20	1	14	35	-	-	1	1	-	-	4	4
Grand Total	28	5	16	49	-	-	2	2	-	-	7	7

- Continued -

Table 7. Select Portland Canal tributary in-stream chum salmon tag recoveries (unexpanded), 1983-1985. (Continued)

Release Location	Recovery Location											
	Canine Creek (101-11-075)				Willard Creek (101-11-065)				Nakat Creek (101-11-037)			
	1983	1984	1985	Total	1983	1984	1985	Total	1983	1984	1985	Total
Tree Point/Cape Fox (101-11)	-	-	-	-	-	-	-	-	67	8	-	75
DeLong Island (101-23)	-	-	-	-	-	-	-	-	3	1	1	5
Percy Island (101-25)	-	-	-	-	-	-	-	-	-	-	-	-
Point Sykes (101-41)	-	-	-	-	-	-	-	-	-	-	-	-
Point Alava (101-41)	-	-	-	-	-	-	-	-	-	-	-	-
Security Bay (104-10)	-	-	-	-	-	-	-	-	-	-	-	-
Baker Island (104-35)	-	-	-	-	-	-	-	-	-	-	-	-
Alaska Total	-	-	-	-	-	-	-	-	70	9	1	80
Dixon Entrance (Area 1 Troll)	-	-	-	-	-	-	-	-	-	-	-	-
Langara Island (Area 1 Selne)	-	-	-	-	-	-	-	-	-	-	-	-
Dundas Island (Area 3X)	-	1	-	1	-	1	-	1	1	2	-	3
Tracy/Boston Rocks (Area 3Y)	-	-	-	-	-	-	-	-	16	-	-	16
Portland Inlet (Area 3Z)	-	-	-	-	-	-	-	-	11	1	-	12
Stephens/Porcher Islands (Area 4)	-	-	-	-	-	-	-	-	2	-	-	2
Area 5	-	-	-	-	-	-	-	-	1	-	-	1
Area 6	-	-	-	-	-	-	-	-	-	-	-	-
Canadian Total	-	1	-	1	-	1	-	1	31	3	-	34
Grand Total	-	1	-	1	-	1	-	1	101	12	1	114

APPENDIX I

NORTHERN BOUNDARY AREA CHUM ESCAPEMENTS

CANADA

Tables of Area 3 chum escapements and spawning timing are provided by stream for the years 1950-1986. Area 3 escapement information is presented in 6 subarea groupings; Portland Canal, Observatory Inlet, Nass River, Portland Inlet, Work Channel and Coastal. Chum escapements to other North Coast areas including the Queen Charlotte Islands (Statistical Areas 1, 2E and 2W), Skeena (Statistical Areas 4 and 5) and the Central Coast (Statistical Areas 6 to 10) are summarized by providing annual escapements by statistical area for the years 1950-1986. A map is included to indicate the location of chum streams within Area 3.

Escapement Database

Annual escapement estimates by river from 1947 to the early 1980's are published for each statistical area as Canadian Department of Fisheries Data Reports. The Canadian escapement data base is now maintained at the Pacific Biological Station Nanaimo and is currently in the final stages of development (system manager Greg Serbic, (604)756-7142, Pacific Biological Station, Nanaimo).

Escapement Estimates

A complete review of Canadian salmon escapement estimation techniques (with annotated bibliography) was compiled by Cousens et al, 1982, and is the recommended source to consult for a thorough understanding of escapement methodology. In this report we provide a brief summary of escapement estimation methods along with specific information pertinent to Northern Boundary chum concerns. Canadian escapement figures represent an estimate of the total number of spawning adult salmon. Chum escapements in the Northern Boundary areas are assessed by a variety of methods including fixed wing and helicopter overflights, and river surveys on foot or by boat. The frequency of the surveys and the methods employed may vary among streams or years depending on a variety of factors including viewing conditions, stream access, budgets, and the relative importance of the stream for in-season management. The frequency and methods of inspection are not well documented but in recent years there has been a general increase in the frequency of inspections, and a higher proportion of inspections using aircraft.

Fisheries officers and patrolmen estimate the beginning, peak and end of spawning. The counts of spawners are modified by incorporating the number of dead salmon observed and viewing conditions at the time of the survey. Adjustments are made based on observer experience and the method employed.

In the years 1976-1986, local Area 3 Fishery Officers surveyed twelve chum salmon streams in Area 3 an average of seven times during the spawning period each year. The timing of the surveys ranged from approximately mid-June to the end of September. This varied in accordance with specific run timing.

The following is a description of the manpower that has been available for stream surveys historically. During the 1950's there were two guardians on the upper Nass and two on the lower Nass plus five patrol units. In the 1960's there were two guardians on the upper Nass, one guardian on the lower Nass, and five patrol units available. The 1970's had roughly the same amount of staff. In the mid-'70's the Nass was split into upper and lower sections and two fishery officers were assigned to each. There were only three patrol units on average available for surveys in the 1980's.

Target escapements

Chum target escapements are provided for each stream in Table I.0. Targets are based on subjective evaluation of spawning capacity along with interpretations of relative return rates at different spawning abundance and are updated as more refined information becomes available. Targets, along with historical trends, can be useful in gauging the current productive status of streams.

In the chum escapement graphs contained in the text section of this report (Figures 3-13), target escapements in some cases appear artificially high in relation to the escapement estimates due to lack of spawning estimates for certain small streams.

S.S.E. ALASKA

Tables of S.S.E. Alaskan chum escapements are provided by stream for the years 1960-1986. Escapement information is presented in five groupings; Portland Canal, Boca de Quadra, East Behm Canal Mainland, Revillagigedo Island (and other District 101) and West Behm Canal. A map is included to indicate the location of chum streams in S.S.E. Alaska.

Table of Contents

Description of contents of Appendix I.....	i
Table of contents.....	iii
List of Figures.....	iv
List of Tables.....	v
CANADIAN ESCAPEMENT DATA.....	1
S.S.E. ALASKAN ESCAPEMENT DATA.....	10

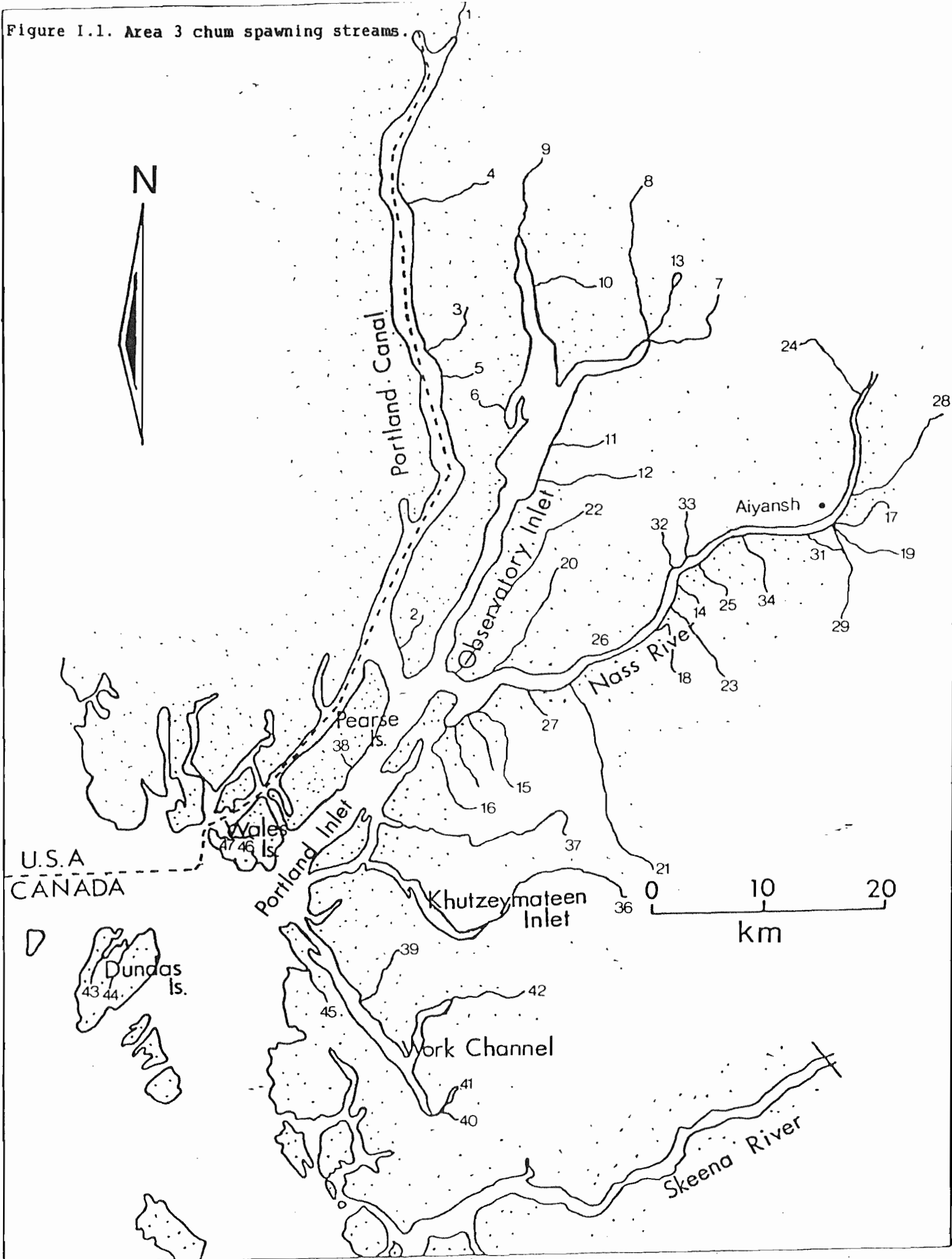
List of Figures

Figure	CANADA	Page
I.1	Area 3 chum spawning streams.	1
	Key to Figure I.1	2
	ALASKA	
I.2	S.S.E. Alaska chum spawning streams.	10
	Key to Figure I.2	11

List of Tables

Table	CANADA	Page
I.1	Area 3 chum escapement data, 1950-86.	3
I.2	Annual chum escapement figures for Areas 1-10, 1950-86.	7
I.3	Area 3 chum spawning timing.	8
I.3	Key to Table I.3.	9
	ALASKA	
I.4	S.S.E. Alaska chum escapement data, 1960-86.	12
	Portland Canal	12
	Boca de Quadra	13
	East Behm Canal	14
	Revillagigedo Island	16
	West Behm Canal	18

Figure I.1. Area 3 chum spawning streams.



Key to Figure I.1.

Area -3 Chum Spawning Streams and Escapement Subareas.

# Stream-Alphabetical Listing	# Stream by Sub-area - Numerical Listing	
14. Ansedagan Creek	PORTLAND CANAL	PORTLAND INLET
1. Bear River	1. Bear River	36. Khutzeymateen River
43. Brundige Creek	2. Dogfish Bay Creek	37. Kwinamass River
15. Burton Creek	3. Donahue Creek	38. Lizard Creek
6. Cascade Creek	4. Georgie River	
16. Chambers Creek	5. Roberson Creek	WORK CHANNEL
2. Dogfish Bay Creek		
3. Donahue Creek	OBSERVATORY INLET	39. Ensheshese River
39. Ensheshese River		40. Lachmach River
4. Georgie River	6. Cascade Creek	41. Levenson Lake System
17. Gingit Creek	7. Illiance River	42. Toon River
18. Ginlulak Creek	8. Kitsault River	
19. Gitzyon Creek	9. Kshwan River	COASTAL STREAMS
7. Illiance River	10. Olh Creek	
20. Inouk River	11. Perry Bay Creek	43. Brundige Creek
21. Ishkheenickh River	12. Stagoo Creek	44. Sandy Bay Creek
36. Khutzeymateen River	13. Wilauks Creek	45. Stumaun Creek
22. Kincolith River		46. Tracy Creek
8. Kitsault River	NASS RIVER SUBSYSTEM	47. Turk Creek
23. Ksedin Creek		
24. Kshadin Creek	14. Ansedagan Creek	
9. Kshwan River	15. Burton Creek	
37. Kwinamass River	16. Chambers Creek	
25. Kwinyarh Creek	17. Gingit Creek	
40. Lachmach River	18. Ginlulak Creek	
41. Levenson Lake System	19. Gitzyon Creek	
38. Lizard Creek	20. Inouk River	
26. Nass Mainstem	21. Ishkheenickh River	
10. Olh Creek	22. Kincolith River	
11. Perry Bay Creek	23. Ksedin Creek	
27. Quilgaw Creek	24. Kshadin Creek	
5. Roberson Creek	25. Kwinyarh Creek	
44. Sandy Bay Creek	26. Nass Mainstem	
28. Seaskinnish Creek	27. Quilgaw Creek	
12. Stagoo Creek	28. Seaskinnish Creek	
45. Stumaun Creek	29. Tseax River	
42. Toon River	30. Tseax Slough	
46. Tracy Creek	31. Vetter Creek & Slough	
29. Tseax River	32. Wegiladap Creek	
30. Tseax Slough	33. Wilayanooth Creek	
47. Turk Creek	34. Zolzap Creek	
31. Vetter Creek & Slough	35. Zolzap Slough	
32. Wegiladap Creek		
13. Wilauks Creek		
33. Wilayanooth Creek		
34. Zolzap Creek		
35. Zolzap Slough		

Table I.1. Area 3 chum escapement data, 1950-1986.

STREAM	TARGET ESC.	YEAR										AVG. 1950-59
		1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	
Portland Canal												
BEAR RIVER	7500	400	1500	1500	7500	1500	400	750	3500	3500	1000	2155
DOG FISH BAY CREEK	250											
DONAHUE CREEK	1000	200	400	750	750	200	25	750	750	N/I	20	427
GEORGIE RIVER	2000	400	1500	1500	1500	400	75	3500	750	75	300	1000
ROBERSON CREEK	1000	100	350	800	300	400	100	1200	800	300	100	445
TOTAL:	11750	1100	3750	4550	10050	2500	600	6200	5800	3875	1420	3985
Observatory Inlet												
CASCADE CREEK	500	75	350	750	200	400	75	1500	750	200	25	433
ILLIANCE RIVER	5000	400	8000	3500	N/O	400	75	3500	15000	35000	12000	8653
KITS SAULT RIVER	7000	1500	2000	7500	15000	3500	200	7500	7500	3500	7000	5520
KISHAN RIVER	15000	1500	3000	7500	7500	1500	750	7500	3500	3500		4028
OLH CREEK	200											
FERRY BAY CREEK	100											
STAGOO CREEK	15000	750	4000	3500	3500	3500	75	3500	7500	7500	70000	10383
WILAUKS CREEK	1000											
TOTAL:	43800	4225	17350	22750	26200	9300	1175	23500	34250	49700	89025	27748
Nass River Subsystem												
ANSEDAGAN CREEK	500											
BURTON CREEK	250		350	750	400		N/O			N/O		500
CHAMBERS CREEK	500	200	800	200	75	200	25	200		25	50	197
GINGIT CREEK	500					750	400	750				633
GINDLILAK CREEK	50											
GITZYON CREEK	400	N/O	N/O	400	N/O	400	400	25		N/I		306
INJOLK RIVER	500											
ISHCHEENICOH R.	2000	750	1200	1500	750	750	400	N/O	N/I	N/O		892
KINCOLITH RIVER	500	500	100	1000	500	300	100	500		800	200	444
KSEJIN CREEK	250									250	250	250
KSIADIN CREEK	500										550	550
KWINYARH CREEK	UNK											
NASS MAINSTEM	10000											
QUILGAJW CREEK	UNK											
SEASKINNISH CREEK	500		400	400	N/I		400					400
TSEAX RIVER	1500	1500	800	3500	400	1500	750	3500	3500	1500	1000	1795
TSEAX SLOUGH	2000											
VETTER CR & SLOUGH	2000											
WEGILADAP CREEK	50											
WILAYANOOIH CREEK	25											
ZOLZAP CREEK	200											
ZOLZAP SLOUGH	200											
TOTAL:	22425	2950	3650	7750	2125	3900	2475	4975	3500	2575	2050	3595
Portland Inlet												
KHUTZEYMATEEN R.	20000	1500	8000	7500	750	750	750	400	1500	3500	100	2475
KWINAMASS RIVER	3500	3500	4000	7500	750	3500	400	1500	750	1500	1500	2490
LIZARD CREEK												
TOTAL:	23500	5000	12000	15000	1500	4250	1150	1900	2250	5000	1600	4965
Work Channel												
ENSHESHESE RIVER	5000	2000	3000	2000	300	300	600	800	1200	3500	1000	1470
LACHMACH RIVER	750	400	3000	750	400	750	400	N/O	400	1500	N/I	950
LEVERSON LAKE SYS.	1000	400	2500	3500	750	1500	200	200	1500	1500	2000	1405
TOON RIVER	7000	7500	40000	15000	3500	7500	400	7500	15000	3500	6000	10590
TOTAL:	13750	10300	48500	21250	4950	10050	1600	8500	18100	10000	9000	14225
COASTAL STREAMS												
BRUIDIGE CREEK	500											
SANDY BAYCREEK	50											
STUMALN CREEK	100										N/I	
TRACY CREEK	100	N/O		N/O	N/O		200		N/O	N/O	N/O	200
TURK CREEK	100								N/I	N/O	N/O	
TOTAL:	450						200					200
TOTAL AREA 3:	115675	23575	85250	71300	44825	30000	7200	45075	63900	71150	103095	54537

Table I.1. continued.

STREAM	TARGET											AVG.
	ESC.	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1960-69
Portland Canal												
BEAR RIVER	7500	N/O	7500	750	3500	3500	750	750	7500	7500	3500	3917
DOGFLISH BAY CREEK	250											
DORAHUE CREEK	1000	500	4000	1500	1500		1500	75		1500	750	1416
GEORGIE RIVER	2000	500	15000	1500	3500		1500	3500	3500	3500	1500	3778
ROBERSON CREEK	1000	200	3500	N/O	1500	3500	100	N/O	50	1500	150	1313
TOTAL:	11750	1200	30000	3750	10000	7000	3850	4325	11050	14000	5900	9108
Observatory Inlet												
CASCADE CREEK	500	200	3500		1500		200		25	1500	200	1018
ILLIANCE RIVER	5000	8000	7500	400	7500	7500	1500	400	1500	3500	750	3855
KITSAULT RIVER	7000	9000	9000	750	7500	7500	3500	7500	1500	3500	3500	5325
KEBMAN RIVER	15000	N/O	3000	N/I	750	300	1500	400	N/O	1500	750	1171
OLH CREEK	200											
PERRY BAY CREEK	100											
STAGOO CREEK	15000	9000	35000	1500	7000	15000	7500	7500	3500	7500	1500	9500
WILLAUKS CREEK	1000											
TOTAL:	43800	26200	58000	2650	24250	30300	14200	15800	6525	17500	6700	20213
Nass River Subsystem												
ANSEDAGAN CREEK	500							750	1500		25	758
BURTON CREEK	250	N/O			25							25
CHAMBERS CREEK	500				75		75	200	200			138
GINGIT CREEK	500									25		25
GINDULAK CREEK	50											
GITZYON CREEK	400	N/O										
DONOUK RIVER	500		750	N/O		N/I						750
ISHQBEENTI COK R.	2000		N/I		N/I	N/I					75	75
KINDOLITH RIVER	500	FEW	1500	400			200	1000	900		300	717
KSEEDIN CREEK	250											
KSHADIN CREEK	500	350	750	N/O	200	1500	200	750	750	25		566
KWIDYARH CREEK	UNK											
NASS MAINSTEM	10000											
QUILGAUW CREEK	UNK											
SEASKINNILSH CREEK	500									25		25
TSEAX RIVER	1500				25	750	N/O	1500	1500	3500	200	1246
TSEAX SLOUGH	2000											
VETTER CR & SLOUGH	2000											
WEGILADAP CREEK	50											
WILAYANOOTH CREEK	25											
ZOLZAP CREEK	200											
ZOLZAP SLOUGH	200											
TOTAL:	22425	350	3000	400	325	2250	475	4200	4850	3575	600	2003
Portland Inlet												
KHUTZEYMATEEN R.	20000		1500	3500	7500	35000	750	3500	400	15000	1500	7628
KWIDYARH RIVER	3500	1000	3000	3500	1500	3500	7500	7500	3500	3500	3500	3800
LIZARD CREEK												
TOTAL:	23500	1000	4500	7000	9000	38500	8250	11000	3900	18500	5000	10665
Mark Channel												
ENSHESHESE RIVER	5000		750	3500	200	3500	N/O	1500	3500	3500	3500	2494
LACHMACH RIVER	750								400	750		575
LEVERSON LAKE SYS.	1000	N/O	N/I		1500		N/O					1500
TOOH RIVER	7000	4000	7500	11000	15000	3500	3500	7500	7500	3500	7500	7450
TOTAL:	13750	4000	8250	18500	16700	7000	3500	9000	11400	7750	11000	9710
COASTAL STREAMS												
BRUNDIGE CREEK	500											
SANDY BAYCREEK	50											
STUMALH CREEK	100					750				25		388
TRACY CREEK	100	N/O	N/O									
TURK CREEK	100	N/O										
TOTAL:	450					750				25		388
TOTAL AREA 3:	115675	32750	103750	32300	60275	85800	30275	44325	37725	61350	29200	51775

Table I.1. continued.

STREAM	TARGET	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	AVG.
	ESC.											1970-79
Portland Canal												
BEAR RIVER	7500	1500	1500	7500	3000			500	250	N/O	N/O	2375
DOGFLISH BAY CREEK	250							500			N/O	500
DORAHUE CREEK	1000	200	400	200	200	250	N/R	500	100	1500	N/O	419
GEORGIE RIVER	2000	1500	200	3500	600	1500	N/R	50	200	50	25	847
ROBERSON CREEK	1000	100	N/O	75	75	N/O	N/O	N/I	200	40	N/O	98
TOTAL:	11750	3300	2100	11275	3875	1750	0	1550	750	1590	25	2622
Observatory Inlet												
CASCADE CREEK	500	75	N/O	75	75	N/O	N/O		200			106
ILLIANCE RIVER	5000	1500	1500	5000	5000	4500	1500	6000	2500	3000	6000	3650
KITSALUIT RIVER	7000	1500	1500	10000	15000	6000	7500	4000	10000	8000	6300	6980
KISHAN RIVER	15000	1500	1500	5000	4000	1000	1500	25000	10000	18000	5000	7250
OLH CREEK	200				800	75	300	N/O	N/I	50		306
PERRY BAY CREEK	100								2500			2500
STAGOO CREEK	15000	3500	3500	8000	6000	70000	6000	5000	10000	7000	13500	13250
WILAKS CREEK	1000							4000	300	500	1500	1575
TOTAL:	43800	8075	8000	28075	30875	81575	16800	44000	35500	36550	32300	32175
Nass River Subsystem												
ANSEDAGAN CREEK	500	75	400									238
BURTON CREEK	250	N/O	N/O	N/O	N/O	N/O		N/O	N/I	N/I		
CHAMBERS CREEK	500	75	25		N/O		200	500			N/O	200
GINGIT CREEK	500	75	200									138
GINDJLAK CREEK	50						25	50	25			33
GITZYON CREEK	400										10	10
DGNOK RIVER	500				2000	N/O		100	N/O	N/O	100	733
ISHQHEENICGH R.	2000	75	200	1000	900	250		500	50	100	200	364
KINDOLITH RIVER	500	400	500	500		1500				N/O	100	600
KSEDDIN CREEK	250											
KSHADIN CREEK	500	75			N/O	10		50	N/O			45
KWINYARH CREEK	UNK					60						60
NASS MAINSTEM	10000									12000	2000	7000
QUILGAUW CREEK	UNK				400							400
SEASKINNISH CREEK	500				N/O				150	30	20	67
TSEAX RIVER	1500	1500	1500	1000	N/O	100	25	3000	250	1500	500	1042
TSEAX SLOUGH	2000											
VEITER CR & SLOUGH	2000				25	1700		800	50	2000	137	785
WEGILADAP CREEK	50				25			50				38
WILAYANOOYH CREEK	25											
ZOLZAP CREEK	200					25				100	20	48
ZOLZAP SLOUGH	200					500		500	200	N/O	N/O	400
TOTAL:	22425	2275	2825	2500	3350	4145	250	5550	725	15730	3087	4044
Portland Inlet												
KHUTZEYMATEEN R.	20000	7500	750	20000	15000	8000	5000	5000	15000	12000	5100	9335
KWINMASS RIVER	3500	7500	1500	12000	4500	9000	1500	5000	1000	100	400	4250
LIZARD CREEK	UNK									500		500
TOTAL:	23500	15000	2250	32000	19500	17000	6500	10000	16000	12600	5500	13635
Work Channel												
ENSHESHESI RIVER	5000	3500	3500	2000	4000	6000	2000	1000	N/O	5000	400	3044
LACHMACH RIVER	750	N/O	750		N/O	650	2000				N/O	1133
LEVERSON LAKE SYS.	1000		75	350		450			N/O	N/I	1	219
TOON RIVER	7000	3500	3500	5000	4500	10000	3000	3000	5000	5000	1000	4350
TOTAL:	13750	7000	7825	7350	8500	17100	7000	4000	5000	10000	1401	7518
COASTAL STREAMS												
BRUNDIGE CREEK	500											
SANDY BAYCREEK	50											
STURMAN CREEK	100											
TRACY CREEK	100											
TURK CREEK	100							N/I	N/O			
TOTAL:	450											
TOTAL AREA 3:	115675	35650	23000	81200	66100	121570	30550	65100	57975	76470	42313	59993

Table I.1. continued.

STREAM	TARGET ESC.	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990-1991	AVG.
Portland Canal													
BEAR RIVER	7500	100	50	50	50	200	100						92
DOGFLISH BAY CREEK	250			N/O	N/O		50						50
DOUARUE CREEK	1000		4	N/I	N/I	N/O		400					202
GEORGIE RIVER	2000	N/O	N/O	N/I	N/I	N/O	N/O	1200					1200
ROBERSON CREEK	1000	9	N/O	N/I	N/I	N/O		N/O					9
TOTAL:	11750	109	54	50	50	200	150	1600					316
Observatory Inlet													
CASCADE CREEK	500							N/I					
ILLDANCE RIVER	5000	3000	500	400	2500	5000	1500	1200					2014
KITSADULT RIVER	7000	8600	3700	800	5300	7500	1000	3000					4271
KSHANAN RIVER	15000	20000	4000	10000	10000	8000	20000	20000					13143
OLH CREEK	200	25	20	N/I	N/I	N/O	N/O	100					48
PERRY BAY CREEK	100			50	20	200	6	180					91
STAGOO CREEK	15000	1500	1500	500	12000	15000	2000	2500					5000
WILAUKS CREEK	1000	1000	100	100	550	1000	250	75					439
TOTAL:	43800	34125	9820	11850	30370	36700	24756	27055					24954
Nass River Subsystem													
ANSEDAGAN CREEK	500	4	N/O	N/O									4
BURTON CREEK	250				N/O								
CHAMBERS CREEK	500	N/O	N/O	N/O	N/O	N/O	N/O	20					20
GINGIT CREEK	500												
GINDULAK CREEK	50												
GITEYON CREEK	400	10	N/O	N/O									10
INSOUK RIVER	500	120	N/O			300		250					223
ISHKEENTOGH R.	2000	150	100	100	50	300	200						150
KINGOLITH RIVER	500	100	200		25	200		N/O					131
KSEDDIN CREEK	250							N/O					
KSHADH CREEK	500		10	25	20								18
KWINYARI CREEK	UNK					N/O							
MASS MAIN STEM	10000	2000	400	5000	3000	5000							3080
TULLGAUM CREEK	UNK												
SEASKINISH CREEK	500	N/O		50									50
TSEAX RIVER	1500	750	250	1000	300	500	300						517
TSEAX SLOUGH	2000	3000	1000	2500	500	3000	1200						1867
VETTER CR & SLOUGH	2000	600	10	750	20	500	N/O						376
WEGILADAP CREEK	50												
WILAYANDOTH CREEK	25	6			10								8
ZOLZAP CREEK	200	20	10	200	50	300	N/O						116
ZOLZAP SLOUGH	200	N/O		100	50	100	150						100
TOTAL:	22425	6760	1980	9725	4025	10200	1850	270					4073
Portland Inlet													
KHUTZEYMATEEN R.	20000	9500	2500	5000	8000	15000	4500	2000					6643
KWINAMASS RIVER	3500	800	500	100	100	500	500	150					379
LIZARD CREEK			10		N/O								10
TOTAL:	23500	10300	3010	5100	8100	15500	5000	2150					7023
Mark Channel													
ENSHESHESSE RIVER	5000	300	600	2000	400	2500	200	100					871
LACHMACH RIVER	750		N/O	N/O		N/O	10						10
LEVERSON LAKE SYS.	1000	N/I	N/O	N/I	20	N/O	4						12
TOON RIVER	7000	3000	1000	600	2000	3000	17000	1600					4029
TOTAL:	13750	3300	1600	2600	2420	5500	17214	1700					4905
COASTAL STREAMS													
BRUNDIGE CREEK	500		11	150	100	25							72
SAJBY BAY CREEK	50				50	N/O							50
STUMALIN CREEK	100					N/O							
TRACY CREEK	100			1									1
TURK CREEK	100	200	15										108
TOTAL:	450	200	26	151	150	25							110
TOTAL AREA 3:	115675	54794	16490	29476	45115	68125	48970	32775					42249

Table I.2. Annual chum escapement figures for Areas 1-10.

YEAR	TOTAL O.C.I.			TOTAL SKEENA- NASS					TOTAL CENTRAL COAST					
	1	2E	2W (1,2W,2E)	3	4	5	(3,4,5)	6	7	8	9	10	(6-10)	
1950	11000	379550	335000	725550	23575	24907	49000	97482						
1951	119200	412850	369625	901675	85250	16500	36950	138700	422515	185295	267229	49700	6500	931239
1952	50800	644050	546075	1240925	71300	31175	26800	129275	5975	316800	258246	27700	14500	623221
1953	121475	111800	78725	312000	44825	9192	19875	73892	222375	316575	313330	69400	18500	940180
1954	90750	291925	191600	574275	30000	38322	47000	115322	197425	274525	205411	21929	20000	719290
1955	22650	35725	11975	70350	7200	3625	13625	24450	87850	215375	67551	3602	4650	379028
1956	3700	105500	24125	133325	45075	5323	13550	63948	79925	157850	194756	24350	14000	470881
1957	146775	139475	144300	430550	63900	8990	64250	137140	197900	178350	120373	26250	12500	535373
1958	23500	168775	83500	275775	71150	6144	30275	107569	246675	274575	157099	75975	40000	794324
1959	18525	27775	21529	67829	103095	2845	8050	113990	34925	140425	76525	6650	12500	271025
1960	15125	183443	31762	230330	32750	731	13000	46481	172450	114475	93187	16375	12500	408987
1961	26025	185825	88625	300475	103750	38662	22000	164412	74575	84550	92965	17125	5750	274965
1962	14575	308525	62250	385350	32300	8223	28275	68798	332775	235825	150725	25075	44000	788400
1963	10700	286908	70375	367983	60275	4850	20800	85925	124450	217225	236650	44575	15750	638650
1964	95025	428880	222525	746430	85800	6450	18025	110275	282775	218675	209225	66075	15400	792150
1965	161600	232000	54725	448325	30275	9530	18700	58505	119650	224980	13600	925	1600	360755
1966	93950	373537	131975	599462	44325	19370	16025	79720	372225	452917	135325	42500	3925	1006892
1967	31575	274900	104806	411281	37725	15075	10275	63075	342850	193290	90500	14925	15225	656790
1968	37500	310375	119191	467066	61350	11575	9500	82425	385752	334275	284250	41875	11075	1057227
1969	45000	204650	79500	329150	29200	41234	2650	43084	78063	221210	84600	10325	2650	396848
1970	24800	198975	107725	331500	35650	10865	8775	55290	105650	372650	275400	38600	22500	814800
1971	44500	223050	77826	345376	23000	5257	16125	44382	90300	238775	82875	11855	25000	448805
1972	8600	189155	74950	272705	81200	36795	15875	133870	271600	266000	224375	27581	43250	832806
1973	50000	225885	49950	325835	66100	24351	17750	108201	278375	405150	277775	24425	71500	1057225
1974	41800	152715	51773	246288	121570	14002	33900	169472	258640	228090	146800	62075	28500	724105
1975	53050	73882	28149	155081	30550	10375	10050	50975	79296	105940	83575	16600	7500	292911
1976	53500	144070	29933	227503	65100	11325	19325	95750	67340	95735	125000	6345	8500	302920
1977	59300	160825	50221	270346	57975	11800	32170	101945	85805	155810	122950	9790	42500	416855
1978	56200	213661	36080	305941	76470	7628	13775	97873	190980	267750	49135	60800	36000	604665
1979	33450	43429	49121	126000	42313	4455	13950	60718	87805	169677	99485	18550	13750	389267
1980	14768	163441	81495	259704	54794	25006	9350	89150	82832	97567	123475	23675	57000	384549
1981	26100	165076	47712	238888	16490	9360	3650	29500	103480	137927	107090	12650	65500	426647
1982	70800	201973	84209	356982	29476	4626	7370	41472	135283	200272	129380	102180	70000	637115
1983	35225	154537	34593	224355	45115	1563	4571	51249	44005	113439	155045	34966	44000	391455
1984	52775	277961	63570	394306	68125	30024	6730	104879	119354	145688	132260	26738	14200	438240
1985	63800	301605	72570	437975	48970	12188	11615	72773	239876	170069	211665	23894	26000	671504
1986	6500	222214	82062	310776	32775	8600	17000	58375	264310	149000	252922	120000	65000	851232

Note: 1986 escapements are preliminary.

Table I.3. Area 3 chum spawning timing.

Stream	ARR	ST	PK	END	May	June	July	Aug	Sept	Oct	Nov	Dec
PORTLAND CANAL												
BEAR RIVER	LJL	EA	MA	MS				xxxxSxxxPxxxxxxxx				
DOGFISH BAY CREEK	EA	EA	MA	MS				xSxxxPxxxxxxxx				
DOMAHUE CREEK	EJL	EA	MA	ES			xxxxxxxxSxxxPxxxx					
GEORGIE RIVER	LJL	EA	LA	ES				xxxxSxxxxPxxx				
ROBERSON CREEK	MA	LA	ES	MS				xxxSxxPxxxx				
OBSERVATORY INLET												
CASCADE CREEK												
ILLIANCE RIVER	LJL	EA	MA	MS				xxxxSxxPxxxxxxxx				
KITSAULT RIVER	EJL	LJL	MA	ES			xxxxxxxxSxxxxPxxxxxxxx					
KSHWAN RIVER	EA	MA	LA	S				xxxSxxxPxxxxxxxxxxx				
OLH CREEK	MJL	EA	LA	ES				xxxxxxxxSxxxxPxxxx				
PERRY BAY CREEK	EA	MA	LA	ES				xxxSxxxPxxxx				
STAGOO RIVER	MJL	LJL	MA	MS				xxxSxxxxPxxxxxxxx				
WILAUKS CREEK	EA	EA	LA	LS				xxxSxxxPxxxxxxxx				
MASS RIVER SUBSYSTEM												
ANSEDAGAN CREEK	EA	MA	LA	MS				xxxSxxxPxxxx				
BURTON CREEK	UNK	LA	ES	MS				SxxxPxxx				
CHAMBERS CREEK	EA	MA	ES	MS				xxxxSxxxxPxxx				
GINGIT CREEK	LJL	LA	LA	MS				xxxxxxxxSxPxxxx				
GINLULAC CREEK												
GITZYON CREEK	UNK	MA	ES	LS				xSxxxxPxxxxxxxx				
IKNOUK RIVER	MA	MA	MS	LS				xSxxxxxxxPxxx				
ISHKEENICKH RIVER	EA	ES	ES	MS				xxxxxxxxSxPxxx				
KSEDIN CREEK												
KSHADIN RIVER	MA	LA	ES	MS				xxxSxxPxxxx				
KWINYARH CREEK	O	LO	EM	MM						xxxxxxxSxxPxxx		
MASS MAIN STEM												
QUILGAUW CREEK												
SEASKIMMISH CREEK	MA	LA	AS	LS				xxxSxxxxPxxx				
TSEAX RIVER	ES	MS	LS	MO				xxxxSxxPxxxx				
TSEAX SLOUGH	MS	LS	EO	LO				xxxSxxPxxxx				
VETTER CREEK	LA	MS	LS	LO				xxxxxxxSxxPxxxxxxxx				
WEBILADAP CREEK	LA	ES	MS	LS				xxxxSxxPxxx				
WILAYNOOTH CREEK												
ZOLZAP CREEK	LS	EO	MO	LO					xxxxSxxPxxx			
ZOLZAP SLOUGH	MS	LS	EO	MO					xxxxSxPxx			
PORTLAND INLET												
KHUTZEMATEEN RIVER	EA	MA	ES	MO				xxxxSxxxxPxxxxxxxx				
KWINAMASS RIVER	MJL	EA	MA	MS				xxxxxxSxxPxxxxxxxx				
LIZARD CREEK												
WORK CHANNEL												
ENSHESHESH RIVER	LJL	EA	ES	MS				xxxxSxxxxxxxxPxxx				
LACHMACH CREEK	MA	LA	MS	LS				xxxxSxxxxPxxx				
LEVERSON LAKE	EA	MA	LA	MS				xxxxSxxPxxxx				
TOON RIVER	EA	MA	LA	MS				xxxxSxxPxxxx				
COASTAL STREAMS												
BRUNDIGE CREEK	LS	LS	LS	UNK						xSPx		
SANDY BAY CREEK												
STUKAUM CREEK	A	S	S	O						xxxxxxxxxxxSxxPxxxxxxxx		
TRACY CREEK												
TURK CREEK												

Key to Table I.3.

: =

Guide to Interpretation of Table of Area 3 Chum Spawning
Timing by Stream

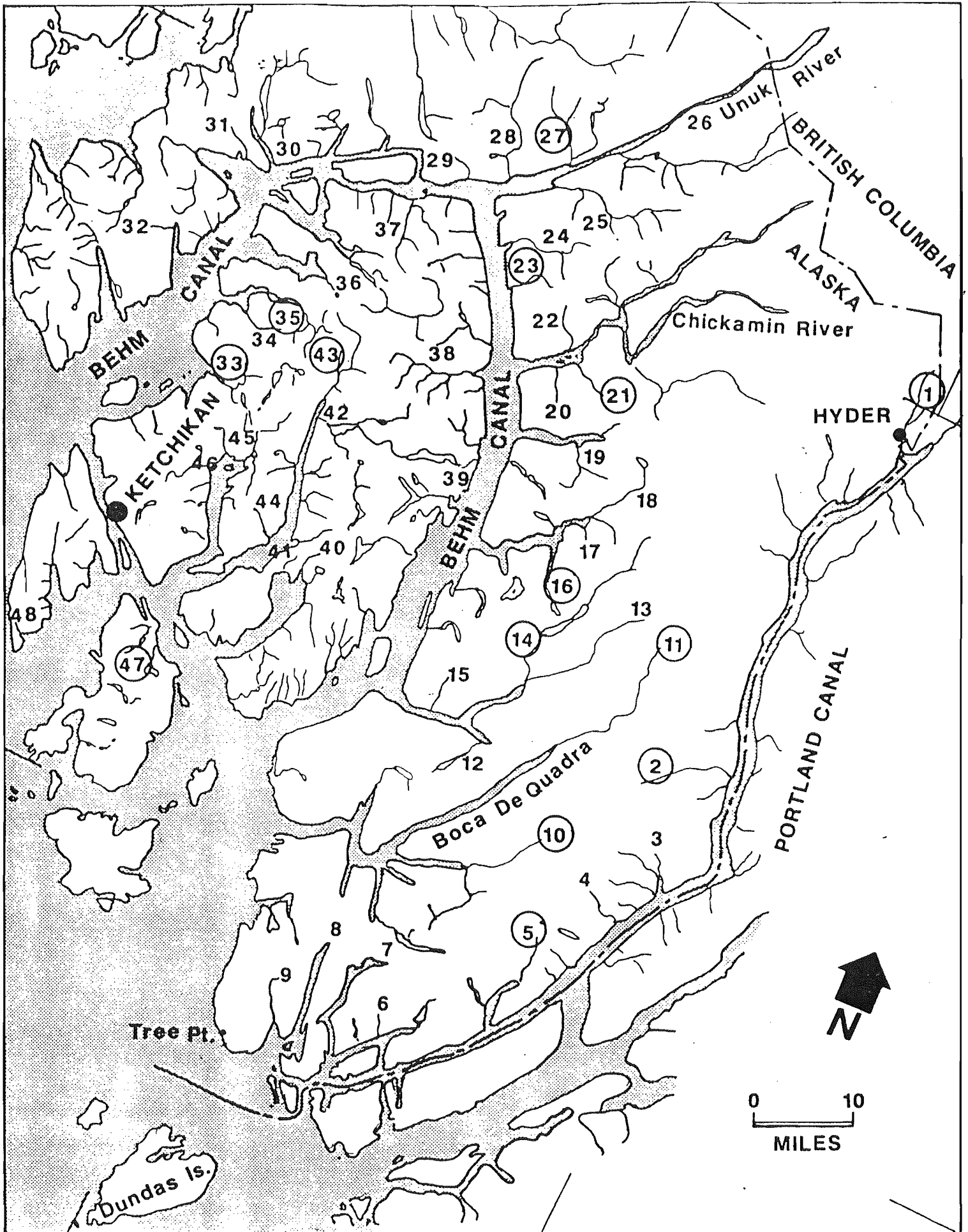
This table outlines the timing of spawning of chum salmon for each stream. The arrival, start, peak and end of spawning are indicated using the following abbreviations:

ARR = date salmon arrive in stream
ST and S = begin to spawn
PK and P = reach peak in spawning
END = finish spawning
MA, JU, JL, A, S, O, N, D, J = standard abbreviations for
the months
E = early
M = mid (11th to 20th of month)
L = late (21st to end of month)
UNK = unknown

The abbreviations to the right of the stream name indicate the month (JU, A, S) or part of the month (ES, MO, LO) when each of the four spawning periods (either ARR, ST, PK or END) occur. To the right of this the spawning periods are illustrated graphically. The x's represent the arriving (ARR) period until the start of active spawning which is indicated by an "S". Once spawning has started the x's represent spawning in progress. The peak of spawning is indicated with a "P" and x's continue until the end of spawning. In cases where a spawning period was listed as a range, the mid-point was used.

Note: Area 3 timing information is preliminary. The data source was the "Catalogue of Salmon Streams and Spawning Escapements of Statistical Area 3", published January 1984 by D.F.O. (Canadian Data Report of Fisheries and Aquatic Sciences, No. 429). The timing is very generalized and will be refined as new information is extracted from historical records.

Figure 1.2. S.S.E. Alaska cnum spawning streams.



Key to Figure I.2.

Names of streams located by numbers on Figure I.2. Underlined streams (circled on Figure I.2) have had escapement counts exceeding 10,000 chum salmon.

- | | |
|------------------------------|--------------------------------|
| 1. <u>Fish Creek (Hyder)</u> | 25. Klahini River |
| 2. Tombstone River | 26. Cripple Creek |
| 3. Halibut Bay N. Fork Creek | 27. <u>Eulachon River</u> |
| 4. Sandfly Creek | 28. Grant Creek |
| 5. <u>Hidden Inlet</u> | 29. Herman Creek |
| 6. Canine Creek | 30. Wolverine Creek |
| 7. Willard Creek | 31. Sea Lion Cove |
| 8. Nakat Creek | 32. Stewart Creek |
| 9. Harry Bay | 33. <u>Naha River</u> |
| 10. <u>Martin River</u> | 34. Marguerite Creek |
| 11. <u>Keta River</u> | 35. <u>Traitors River</u> |
| 12. Bakewell Creek | 36. Neets Bay Creek |
| 13. Blossom River | 37. Cow Creek |
| 14. <u>Wilson River</u> | 38. Portage Creek |
| 15. <u>Cabin Creek</u> | 39. Grace Creek |
| 16. <u>Big Goat Creek</u> | 40. Fish Creek (Thorne Arm) |
| 17. <u>Valentine Creek</u> | 41. Pop Point Creek |
| 18. Rudyard Creek | 42. Bush Creek |
| 19. Walker Creek | 43. <u>Carroll River</u> |
| 20. Choca Creek | 44. <u>Buckhorn Lake Creek</u> |
| 21. <u>King Creek</u> | 45. George Inlet Salt Chuck |
| 22. <u>Humpy Creek</u> | 46. White River |
| 23. <u>Robinson Creek</u> | 47. <u>Nadzaheen Creek</u> |
| 24. <u>Saks Creek</u> | 48. <u>Dall Head Creek</u> |

Table I.4. S.S.E. Alaska chum escapement data, 1960-1986.

PORTLAND CANAL TRIBUTARY CHUM SALMON PEAK ESCAPEMENT COUNTS, 1960-1986

STREAM	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
FISH CREEK (HYDER)	-	-	400	15100	-	-	-	-	27100	-	14200
TOMBSTONE RIVER	500	700	41000	9600	1500	5000	6000	2300	8000	1200	7580
HALIBUT BAY NORTH HEAD	-	-	-	-	-	-	-	-	-	-	-
SANDFLY CREEK	-	-	3025	-	-	10	-	-	-	-	1518
HIDDEN INLET	800	500	-	4800	15900	2000	2000	1550	14000	1900	4828
CANINE CREEK	-	-	-	-	200	-	-	-	-	-	200
WILLARD CREEK	-	-	-	400	2800	-	-	-	-	-	1600
NAKAT CREEK	-	-	-	-	-	-	-	-	-	-	-
HARRY BAY	-	-	-	-	-	-	-	-	-	-	-

STREAM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
FISH CREEK (HYDER)	1500	3600	500	1100	8000	1300	2700	8500	3418	19581	5020
TOMBSTONE RIVER	6000	1200	5000	5350	7000	400	900	15000	5300	6500	5265
HALIBUT BAY NORTH HEAD	-	-	-	-	-	-	5000	-	30	-	2515
SANDFLY CREEK	-	-	-	-	-	-	-	-	5	-	5
HIDDEN INLET	1100	2000	5200	6000	3980	6	540	1500	7700	1203	2923
CANINE CREEK	-	-	-	-	-	-	-	-	-	-	-
WILLARD CREEK	-	-	200	-	-	-	-	-	-	-	200
NAKAT CREEK	-	-	-	-	-	-	-	-	-	-	-
HARRY BAY CREEK	-	-	2850	-	-	-	-	-	-	-	2850

STREAM	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE
FISH CREEK (HYDER)	9199	1797	5795	4525	5700	13357	8430	6972
TOMBSTONE RIVER	2800	1006	550	18500	9250	5000	6503	6230
HALIBUT BAY NORTH HEAD	-	-	-	2	-	18	-	10
SANDFLY CREEK	-	-	-	-	-	19	-	19
HIDDEN CREEK	2903	350	550	3600	800	1400	430	1433
CANINE CREEK	-	-	5	-	724	4	-	244
WILLARD CREEK	-	-	-	-	310	217	-	264
NAKAT CREEK	-	-	954	-	-	-	-	954
HARRY BAY CREEK	-	-	-	3	2	2	-	2

NOTE: Averages are based on years with counts.

12

Table I.4. continued.

BOCA DE QUADRÀ TRIBUTARY CHUM SALMON PEAK ESCAPEMENT COUNTS, 1960-1986.

STREAM	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
MARTEN RIVER	1500	600	-	10000	5000	2900	2000	300	3000	700	2889
KETA RIVER	2500	500	-	9000	27000	7000	5500	1475	5200	3200	6819
STREAM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
MARTEN RIVER	10000	5000	2000	3500	500	2000	400	1507	200	100	2521
KETA RIVER	15000	2000	10000	5680	8750	7000	7600	30000	13500	5300	10483
STREAM	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE			
MARTEN RIVER	9200	400	300	500	300	1200	70	1710			
KETA RIVER	10000	3500	3003	803	16503	30003	46003	15688			

Table I.4. continued.

EAST BEHM CANAL MAINLAND TRIBUTARY CHUM SALMON PEAK ESCAPEMENT COUNTS, 1960-1979.

STREAM	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
BLOSSOM RIVER	-	20	-	-	1000	1000	2000	1	5000	400	1346
WILSON RIVER	500	700	-	10000	10000	2000	2500	100	7000	250	3672
CABIN CREEK	-	-	-	2	90	-	-	-	-	-	46
BIG GOAT CREEK	-	-	-	2000	10000	1000	500	300	1000	20	2117
VALENTINE CREEK	-	-	-	-	-	-	-	-	-	-	-
RUDYERD CREEK	-	-	-	-	-	6	-	50	250	-	77
WALKER CREEK	100	-	-	450	2000	100	-	10	300	-	493
CHOCA CREEK	-	-	-	1500	500	400	2600	80	1000	20	871
KING CREEK	-	5000	-	3200	7500	250	70	1500	4500	360	2798
HUMPY CREEK	1000	-	-	4800	500	104	500	200	1700	-	1258
ROBINSON CREEK	-	-	-	-	-	-	-	-	-	-	-
SAKS CREEK	100	-	150	3	1300	60	44	29	800	-	311
KLAHINI CREEK	50	3500	300	350	2000	85	500	2600	1600	200	1119
CRIPPLE CREEK	-	-	-	-	-	-	-	-	-	-	-
EULACHON RIVER	250	3000	-	1400	10000	700	2000	2070	14000	410	3759
GRANT CREEK	-	2100	10	600	3000	700	3800	2600	2000	270	1676
BAKEWELL CREEK	-	-	-	-	40	-	-	-	-	-	40

STREAM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
BLOSSOM RIVER	3000	2000	3200	2590	2000	700	2279	-	-	-	2253
WILSON RIVER	-	-	2	7700	300	25	-	-	450	-	1695
CABIN CREEK	-	-	-	-	-	-	-	-	-	-	-
BIG GOAT CREEK	-	600	4000	630	250	50	-	-	-	150	947
VALENTINE CREEK	-	-	-	-	-	-	-	-	-	-	-
RUDYERD CREEK	-	-	-	-	-	-	-	-	-	-	-
WALKER CREEK	-	-	4000	-	-	2000	300	-	-	-	2100
CHOCA CREEK	-	10	-	4	4000	4000	300	400	100	-	1259
KING CREEK	34700	2000	7200	2700	50	7000	7600	3000	2800	2450	6950
HUMPY CREEK	-	1400	5000	-	500	2000	300	100	-	-	1550
ROBINSON CREEK	-	12500	-	10000	50	-	25	5000	-	-	4596
SAKS CREEK	1100	100	100	-	-	7	175	-	-	-	296
KLAHINI CREEK	2200	400	4200	900	800	2500	475	20	-	51	1283
CRIPPLE CREEK	-	-	-	-	-	-	-	-	-	-	-
EULACHON RIVER	3000	650	4600	1975	1200	1000	500	3500	1400	250	1808
GRANT CREEK	3000	700	2500	450	50	300	-	-	50	-	1007
BAKEWELL CREEK	-	-	-	520	-	-	-	-	-	-	520

Table I.4. continued.

EAST BEHM CANAL MAINLAND TRIBUTARY CHUM SALMON PEAK ESCAPEMENT COUNTS, 1980-86.

STREAM	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE
BLOSSOM RIVER	4003	8000	307	100	4106	8003	-	4087
WILSON RIVER	300	4006	503	300	273	10703	10009	3728
CABIN CREEK	800	-	30	-	221	3	-	264
BIG GOAT CREEK	800	-	58	212	4431	1302	-	1361
VALENTINE CREEK	1500	-	2	-	35	17	-	389
RUDYERD CREEK	-	-	1599	-	368	217	-	728
WALKER CREEK	1803	100	1748	-	3500	173	-	1465
CHOCA CREEK	300	-	-	-	444	364	3306	1104
KING CREEK	7000	600	2242	207	11210	5003	-	4377
HUMPY CREEK	200	25	42	-	11	514	-	158
ROBINSON CREEK	-	12	-	-	-	4	-	8
SAKS CREEK	-	-	14	-	657	148	-	273
KLAHINI CREEK	4003	300	65	4	1152	2003	2006	1362
CRIPPLE CREEK	-	-	31	90	788	-	-	410
EULACHON RIVER	1500	350	200	1203	6000	872	5006	2162
GRANT CREEK	-	154	1	-	649	320	3006	826
BAKEWELL CREEK	-	-	14	-	66	103	-	61

15

Table I.4. continued.

REVILLAGIGEDO ISLAND AND OTHER DISTRICT 101 CHUM SALMON PEAK ESCAPEMENT COUNTS, 1960-1979.

STREAM	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
NAHA RIVER	-	-	-	1	100	-	-	-	-	-	51
MARGAURITE CREEK	-	-	1000	1700	1500	-	-	-	-	-	1400
TRAITORS COVE CREEK	906	13204	5000	10000	15000	4500	12300	5900	16500	4000	8731
NEETS BAY CREEK	-	-	-	-	-	-	-	-	-	-	-
COW CREEK	-	-	-	-	500	-	175	60	150	-	221
PORTAGE CREEK	-	-	1000	-	2000	-	1020	1200	500	70	965
GRACE CREEK	-	-	-	-	4000	-	-	-	-	-	4000
FISH CREEK (THORN)	5	1500	-	-	-	-	-	-	-	-	753
POP POINT CREEK	-	-	-	-	-	-	-	-	-	-	-
BUSH CREEK	-	-	-	-	-	-	-	-	-	-	-
CARROLL CREEK	300	-	4800	30000	8000	2000	1500	2400	3000	300	5811
BUCKHORN LAKE CREEK	-	-	-	-	-	-	-	-	-	-	-
SALT CHUCK GEORGE INLET	-	-	-	-	50	-	-	-	-	-	50
WHITE RIVER	-	-	500	-	8000	600	200	-	-	-	2325
NADZAHEEN CREEK	-	-	-	-	200	-	-	-	-	-	200
DALL HEAD CREEK	-	-	-	-	-	-	-	-	-	-	-

STREAM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
NAHA RIVER	-	-	-	-	-	-	-	-	1500	-	1500
MARGAURITE CREEK	-	-	-	-	-	-	-	-	-	-	-
TRAITORS COVE CREEK	19500	10000	1000	5150	3000	2500	3505	11000	1552	2506	5971
NEETS BAY CREEK	-	-	-	-	-	-	-	-	-	-	-
COW CREEK	100	-	-	-	-	75	200	-	-	5	95
PORTAGE CREEK	100	-	-	100	1000	3425	5	-	-	-	926
GRACE CREEK	-	-	100	-	-	-	-	-	-	-	100
FISH CREEK (THORN)	-	-	-	-	-	-	-	-	-	-	-
POP POINT CREEK	-	-	-	-	-	-	-	650	-	-	650
BUSH CREEK	-	-	-	-	-	-	-	-	-	1408	1408
CARROLL CREEK	4000	2000	-	2850	3000	5575	8000	4520	5600	10329	5097
BUCKHORN LAKE CREEK	-	-	-	-	-	-	-	-	-	600	600
SALT CHUCK GEORGE INLET	-	-	860	-	-	-	-	-	-	-	860
WHITE RIVER	400	-	-	-	-	20	-	-	-	-	210
NADZAHEEN CREEK	-	34000	-	10	-	309	-	-	-	-	11440
DALL HEAD CREEK	-	-	-	-	-	-	300	-	-	-	300

Table I.4. continued.

REVILLAGIGEDO ISLAND AND OTHER DISTRICT 101 CHUM SALMON PEAK ESCAPEMENT COUNTS, 1980-1986.

STREAM	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE
NAHA RIVER	-	203	163	219	78	100	46	135
MARGAURITE CREEK	-	49	97	-	224	86	-	114
TRAITORS COVE CREEK	-	3500	6376	1166	3433	1883	1500	2976
NEETS BAY CREEK	-	-	-	5330	-	-	-	5330
COW CREEK	-	14	15	-	277	113	-	105
PORTAGE CREEK	-	10	86	-	1000	142	-	310
GRACE CREEK	-	-	-	36	-	886	-	461
FISH CREEK (THORN)	-	-	1	-	-	-	-	1
POP POINT CREEK	-	-	-	-	-	-	-	-
BUSH CREEK	1003	-	-	-	-	-	-	1003
CARROLL CREEK	8206	15000	11000	3506	11000	7500	-	9369
BUCKHORN LAKE CREEK	-	-	-	-	-	-	-	-
SALT CHUCK GEORGE INLET	-	-	-	-	-	-	-	-
WHITE RIVER	-	-	266	-	73	2094	-	811
NADZAHEEN CREEK	1100	-	125	1226	209	1005	-	733
DALL HEAD CREEK	-	-	609	-	-	638	-	624

Table I.4. continued.

WEST BEHM CANAL MAINLAND TRIBUTARY CHUM SALMON PEAK ESCAPEMENTS, 1960-1986.

STREAM	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
HERMAN CREEK	300	100	-	1200	7880	200	1300	1100	2900	265	1694
WOLVERINE CREEK	-	-	-	-	-	-	-	-	-	-	-
SEA LION COVE CREEK	-	-	-	-	-	-	-	-	-	-	-
STEWART CREEK	-	-	-	15	300	-	-	-	-	-	158

STREAM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
HERMAN CREEK	3300	1200	5000	650	1500	10	20	4000	2000	703	1838
WOLVERINE CREEK	-	-	-	300	-	-	-	-	-	-	300
SEA LION COVE CREEK	-	-	-	-	-	-	-	-	-	-	-
STEWART CREEK	-	-	-	-	-	-	1	50	-	-	26

STREAM	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE
HERMAN CREEK	2003	500	380	22	7610	2211	-	2121
WOLVERINE CREEK	-	48	75	23	1500	-	-	412
SEA LION COVE CREEK	-	-	28	-	564	16	-	203
STEWART CREEK	-	-	52	-	976	7	-	345

13

APPENDIX II

NORTHERN BOUNDARY AREA CHUM CATCHES

CANADA

In this section, chum catch data by week for Areas 3X, 3Y, 3Z and total Area 3 from 1960-1986 are provided. Gillnet and seine data are presented separately and decade averages are calculated. Chum catch data by week for Northcoast Areas 1, 4 and 5 are also included. As well, annual chum catch data for 1950-1986 for Areas 1 to 10 with coastal groupings for the Queen Charlotte Islands (Areas 1, 2E, 2W), Skeena-Nass (Areas 3, 4, 5), Central Coast (Areas 6-10) are tabulated and maps of Areas 1-10; 1, 2E, 2W; subareas 3X, 3Y, 3Z, and 3(1-17) are also provided.

Catch Statistics

The Canadian historical salmon catch figures are the final published saleslip values. Historically these were published with blue covers and are often referred to as "Blue Book Figures". There is currently a one to two year lag from when the fishery occurs to when the final updates and checks of the saleslip figures are complete, and the report is published. The implication of this lag period is that the current year and often the previous years figures are preliminary and subject to change. The 1985 catch figures used in this report are those issued in the December 3, 1985, saleslip printout and will be changed when the final figures are forthcoming. Catch data from 1986 for this report are hail figures since the early deadline for the presentation of the report required that tables be composed in early October.

Hail catch data is used for inseason management of Canadian salmon fisheries in the North Coast. Information on commercial catches is obtained by fishery officers during fishing openings. Catches are "hailed" or verbally passed on to fishery officers by fishermen who for the most part visually estimate their catches. In many cases, particularly with gillnets, catches may be delivered to other vessels (packers) in the fishing area. The officers may collect catch information from the packers; in these instances the fish are usually weighed and counted individually. Although methods will vary, fishery officers obtain catches from a proportion of the fleet and then expand this, based on aerial or patrol vessel gear counts, to arrive at a total catch for all gear. Usually this requires that the fishing area be subdivided into several smaller areas determined by factors such as species mix in the catch and gear type. Each area would be sampled separately and the results expanded accordingly to arrive at a total catch. In extended fisheries, the fishery officer may sample a large proportion of the fleet and in many instances will obtain catch estimates from virtually all of the vessels.

Catch data for Area 3 is presented by subarea in Tables II.7-24. Prior to 1983 catch data is recorded by subareas 3X, 3Y and 3Z. In 1983, management subareas were converted from 3X, 3Y, 3Z to 3(1-7) (see discussion in following section of report). Saleslip

II.ii

reporting continued as 3X, 3Y and 3Z. As these subareas are not quite comparable to management units 3(1-17) catch figures since 1983 are calculated using hail information to prorate weekly saleslip data to each subarea.

Two headings on the catch tables may require clarification. "Days Fishing" is the number of days in the week or year that the fishery was open. "Boat Days" is the sum of the number of boats operating each day throughout the fishery. For example, one boat fishing for one day is one boat day, a 3 day fishery with 30 boats the first day, 25 the second and 35 the third day would be 90 boat days of effort for the week.

Description of Area 3 Subareas

Historically, Area 3 catches were reported for subareas 3X, 3Y and 3Z. In 1983, in response to a coastwide conversion to management units, the subareas were transformed into the numbered series 3-1 through 3-15. Subareas 3-16 and 3-17 were added in 1984. The geographical areas represented by subareas 3X, 3Y and 3Z and 3(1-17) are illustrated in Figures II.3 and II.4.

Two boundary changes occurred in the conversion to management units. The first is a shift of the old 3X/3Y boundary from the North-west corner of Dundas Island to the new 3-1/3-3 boundary on the North-east corner of Dundas Island. The result of this change is that historical catches reported in subarea 3X are not directly comparable to current catches in a distinct subarea. Subarea 3-1 is slightly larger than 3X.

The second change was a shift in the old 3Y/3Z boundary from the west side of Tracy Bay (south end of Wales Island) to the new 3-3/3-7 boundary on the east side of Tracy Bay.

The first boundary change is relatively unimportant for Canada-U.S. purposes since the most common catch comparisons are between the "interception" (subareas 3(1-4)) and "non-interception" (subareas 3(7-17)) areas. Since the interception area describes subareas 3-1, 3-2, 3-3 and 3-4 or 3X plus 3Y, and Δ 3Z (described below), this first boundary change does not alter the interception area catch. The second boundary change, however, does complicate the picture since a small part (Δ 3Z or Tracy Bay) of the former subarea is now included in the interception area (3(1-4)) formerly 3(X + Y + Δ 3Z).

The history behind this change is that in 1983 when the numerical subareas were created this secondary boundary shift was intended to allow pink catch in the "interception" area to be calculated more easily. Prior to 1983 25% of the 3Z pink catch was added to the outside catch to account for the Tracy Bay pink catch which was included as an interception catch. Although the Tracy Bay catch is obviously not always 25% of the 3Z pink catch this figure was chosen as the best estimate of the historical

proportion. The Tracy Bay area was designated the name Delta 3Z (Δ 3Z) as it was located in subarea 3Z. It was considered to be a major interception area of U.S. pink salmon. As such it was included with 3X and 3Y for Canada/U.S. discussions relating to pink salmon interception.

The Area 3 annual pink catch tables for interception and non-interception areas presented in the 1985 Northern Boundary Technical Report were calculated as described above for the years 1973-1982. The 1983-1984 data was calculated by prorating the annual saleslip total Area 3 pink catch to 3(1-4) and 3(7-17) based on subarea annual hail catch totals. Pink catches for 1985 were calculated from total annual (preliminary) saleslips and allocated to 3(1-4) and 3(7-17) using weekly hail catch estimates to provide weekly catches in each subarea.

Catch information for species other than pink salmon have also been reported by subarea 3X, 3Y and 3Z for years prior to 1983. As for pinks, in 1983 and 1984 catch figures were recorded only by subareas 3-1, 3-2 to 3-4, and 3-7 to 3-17, hence comparisons with previous years catches is awkward as the areas are slightly different. From 1985 on, catches have been recorded in both formats so comparisons with historical data can be accomodated. The 1986 figures, for all species, are based entirely on hail data and will be updated as saleslip information becomes available.

S.S.E. ALASKA

Annual chum catches for 1960-1986 are contained in this section for drift gillnet fisheries in Portland Canal (District 101-13,15) and Tree Point (District 101-11). Annual purse seine catches are also reported for Boca de Quadrra (101-30), East Behm Canal (101-51, 53, 55), West Behm Canal (101-80, 90, 95), Gravina Island (101-29, 27), Lower Revilla Channel (101-41, 23), Lower Clarence(101-221, 25), Annette Island (101-24, 26, 28, 42) and Upper Revilla Channel(101-43, 44, 45,46, 47) and District 104. Decade average catches for gillnet and seine are calculated.

Weekly chum catches are presented for drift net fisheries (1960-1986) in subareas 10111, 10113, 10115 and for purse seine fisheries (1960-1986) in subareas 10121, 10123-30, 10141-47, 10151, 10153, 10155, 10180, 10190 and 10195. Decade averages for these subareas are also calculated. A map is provided of Alaska Department of Fish and Game Statistical Areas, illustrating subareas in Districts 101-104.

Table of Contents

Description of contents of Appendix II.....	II.i
Table of contents.....	II.iv
List of Figures.....	II.v
List of Tables.....	II.vi
CANADIAN CATCH DATA.....	19
S.S.E. ALASKAN CATCH DATA.....	66

II.v

List of Figures

Figure	CANADA	Page
II.1	Management Areas of British Columbia (Areas 1-10).	19
II.2	Management Units in Areas 1, 2W, 2E, Queen Charlotte Islands.	20
II.3	Management subareas in Area 3.	21
II.4	Management units in Area 3.	22
	ALASKA	
II.5	Alaska Department of Fish and Game Statistical Areas.	66

List of Tables

Table	CANADA	Page
II.1-II.3	Weekly chum gillnet catch, 1960-86, Area 3.	23
II.4-II.6	Weekly chum seine catch, 1960-86, Area 3.	26
II.7-II.9	Weekly chum gillnet catch, 1960-86, Area 3X.	29
II.10-II.12	Weekly chum seine catch, 1960-86, Area 3X.	32
II.13-II.15	Weekly chum gillnet catch, 1960-86, Area 3Y.	35
II.16-II.18	Weekly chum seine catch, 1960-86, Area 3Y.	38
II.19-II.21	Weekly chum gillnet catch, 1960-86, Area 3Z.	41
II.22-II.24	Weekly chum seine catch, 1960-86, Area 3Z.	44
II.25-II.27	Weekly chum gillnet catch, 1960-86, Area 1.	47
II.28-II.30	Weekly chum seine catch, 1960-86, Area 1.	50
II.31-II.33	Weekly chum gillnet catch, 1960-86, Area 4.	53
II.34-II.36	Weekly chum seine catch, 1960-86, Area 4.	56
II.37-II.39	Weekly chum gillnet catch, 1960-86, Area 5.	59
II.40-II.42	Weekly chum seine catch, 1960-86, Area 5.	62
II.43	Annual chum catch figures for Areas 1-10.	65
ALASKA		
II.44	Annual chum drift gillnet catch, 1960-86, Portland Canal (101-13,15) & Tree Point (101-11)	67
II.45	Annual chum purse seine catch, 1960-86, Boca de Quadra (101-30), East Behm Canal (101-51,53,55), West Behm Canal (101-80, 90,95), Gravina Island (101-29,27), Lower Revilla Channel (101-41,23), Lower Clarence Channel (101-21,25), Annette Island (101-24,26,28,42), Upper Revilla Channel (101-43,44,45,46,47).	68
II.46	Annual chum purse seine catch, 1960-86, District 104.	70
II.47-II.50	Weekly chum driftnet catch, 1960-86, subarea 10111.	71
II.51-II.54	Weekly chum driftnet catch, 1960-86, subarea 10113.	75
II.55-II.58	Weekly chum driftnet catch, 1960-86, subarea 10115.	79
II.59-II.62	Weekly chum purse seine catch, 1960-86, subarea 10121.	83
II.63-II.66	Weekly chum purse seine catch, 1960-86, subarea 10123.	87
II.67-II.70	Weekly chum purse seine catch, 1960-86, subarea 10124.	91
II.71-II.74	Weekly chum purse seine catch, 1960-86, subarea 10125.	95
II.75-II.78	Weekly chum purse seine catch, 1960-86, subarea 10126.	99

II.vii

Table	ALASKA	Page
II.79-II.82	Weekly chum purse seine catch, 1960-86, subarea 10127.	103
II.83-II.86	Weekly chum purse seine catch, 1960-86, subarea 10128.	107
II.87-II.90	Weekly chum purse seine catch, 1960-86, subarea 10129.	111
II.91-II.94	Weekly chum purse seine catch, 1960-86, subarea 10130.	115
II.95-II.98	Weekly chum purse seine catch, 1960-86, subarea 10141.	119
II.99-II.102	Weekly chum purse seine catch, 1960-86, subarea 10142.	123
II.103-	Weekly chum purse seine catch, 1960-86,	127
II.106	subarea 10143.	
II.107-	Weekly chum purse seine catch, 1960-86,	131
II.110	subarea 10144.	
II.111-	Weekly chum purse seine catch, 1960-86,	135
II.114	subarea 10145.	
II.115-	Weekly chum purse seine catch, 1960-86,	139
II.118	subarea 10146.	
II.119-	Weekly chum purse seine catch, 1960-86,	143
II.122	subarea 10147.	
II.123-	Weekly chum purse seine catch, 1960-86,	147
II.126	subarea 10151.	
II.127-	Weekly chum purse seine catch, 1960-86,	151
II.130	subarea 10153.	
II.131-	Weekly chum purse seine catch, 1960-86,	155
II.134	subarea 10155.	
II.135-	Weekly chum purse seine catch, 1960-86,	159
II.138	subarea 10180.	
II.139-	Weekly chum purse seine catch, 1960-86,	163
II.142	subarea 10190.	
II.143-	Weekly chum purse seine catch, 1960-86,	167
II.146	subarea 10193.	

Figure II.1. Management areas of British Columbia (Areas 1-10).

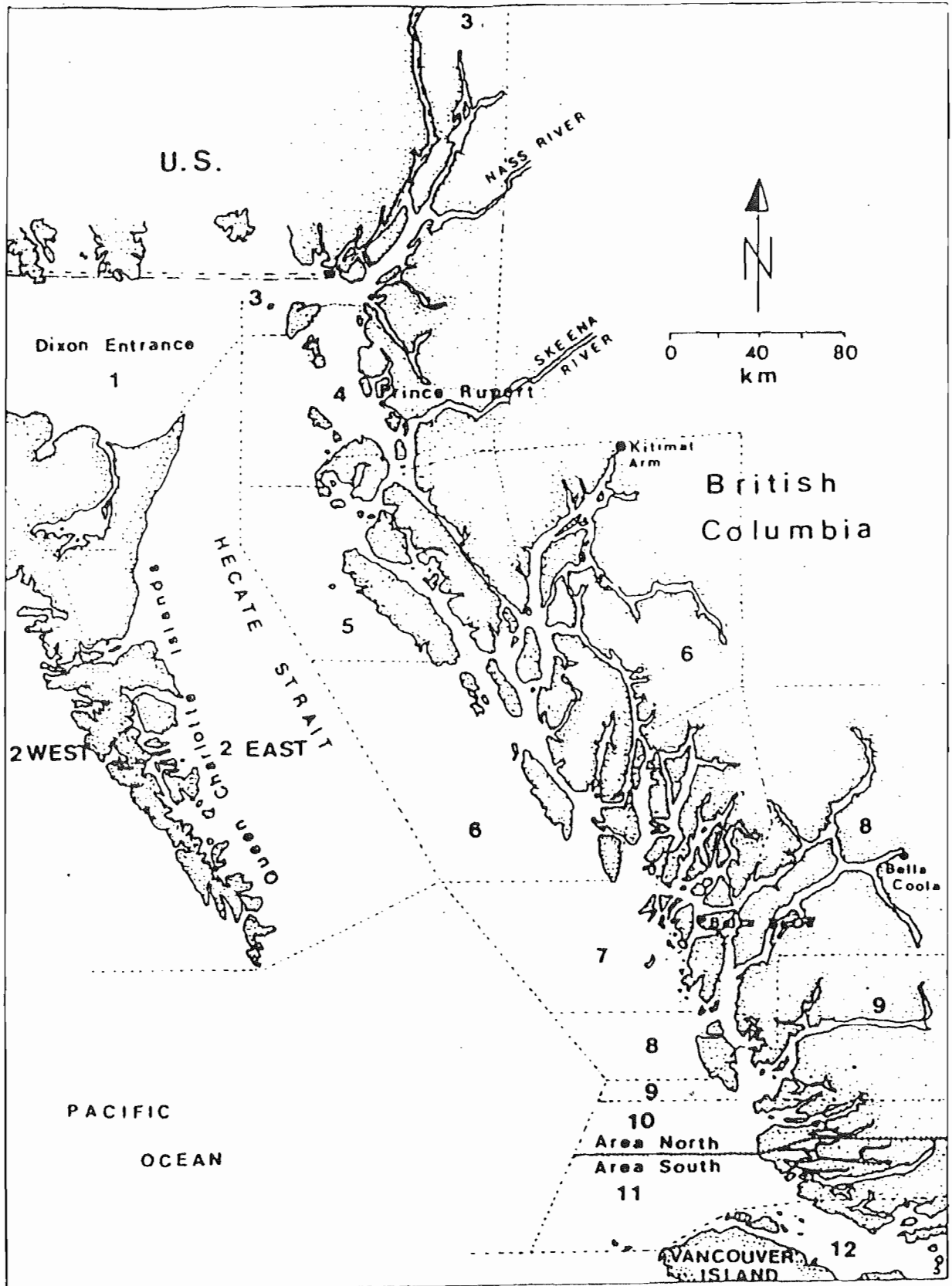


Figure II.2. Management units in Areas 1, 2W, 2E, Queen Charlotte Islands.

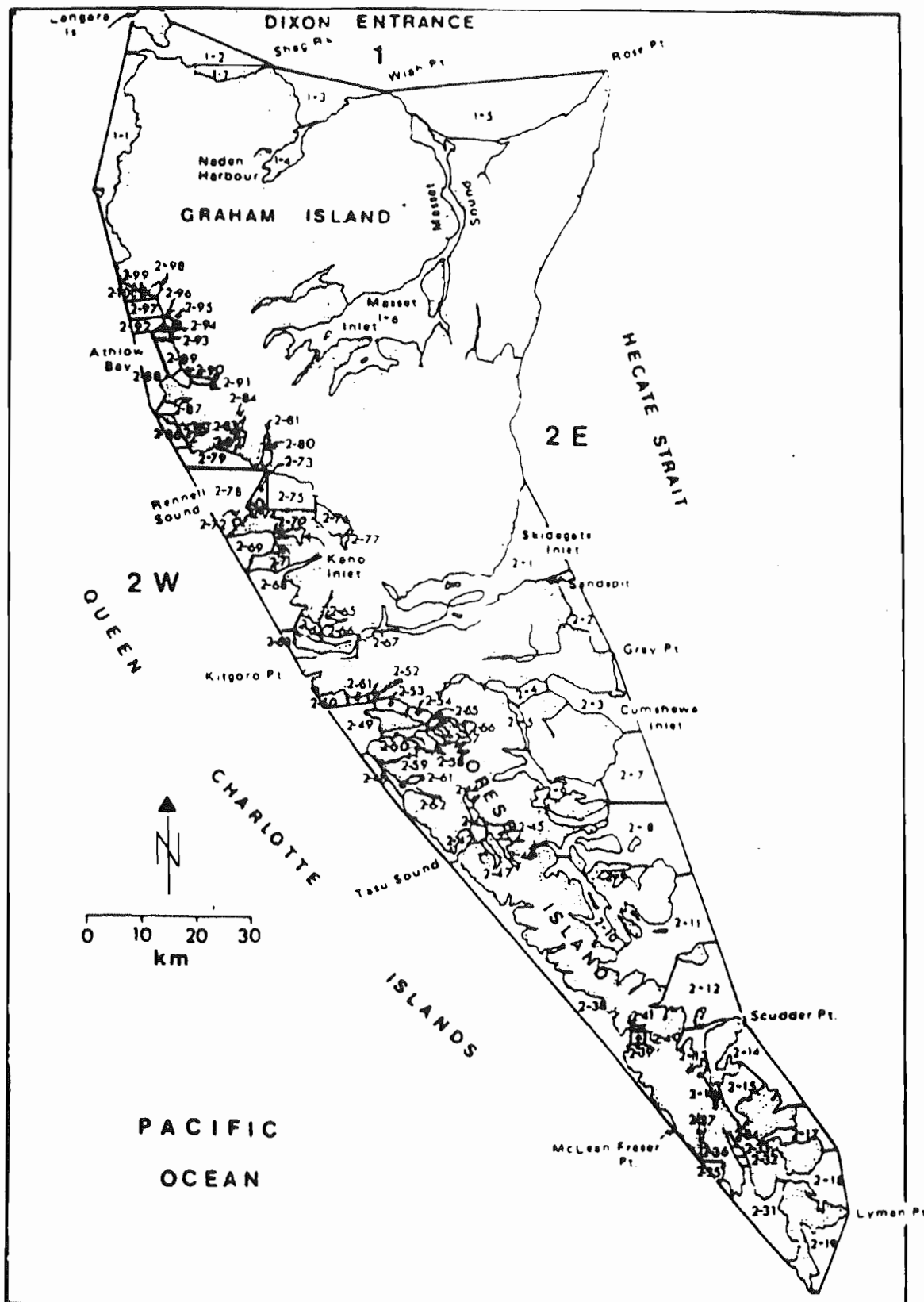


Figure II.3. Management subareas in Area 3.

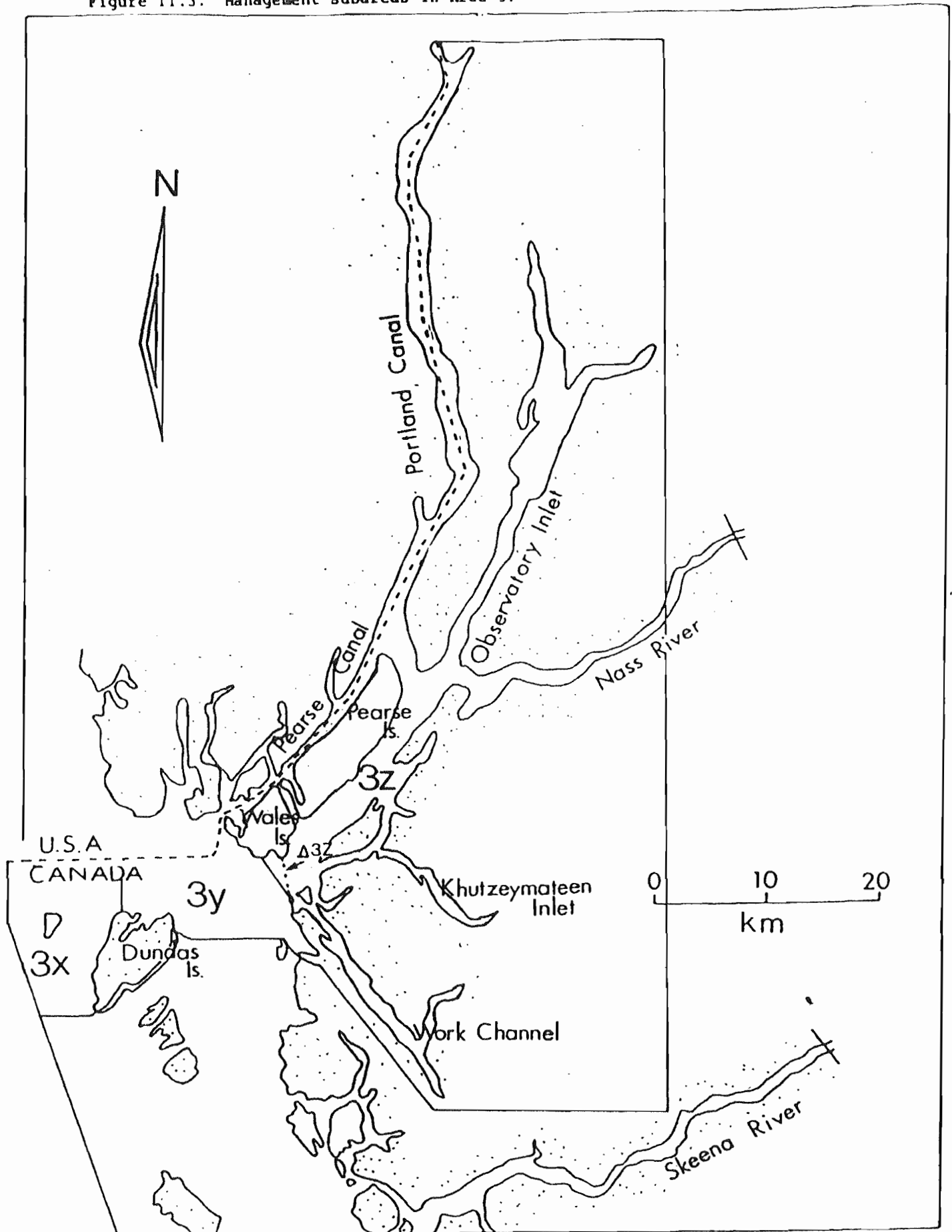


Figure II.4. Management units in Area 3.

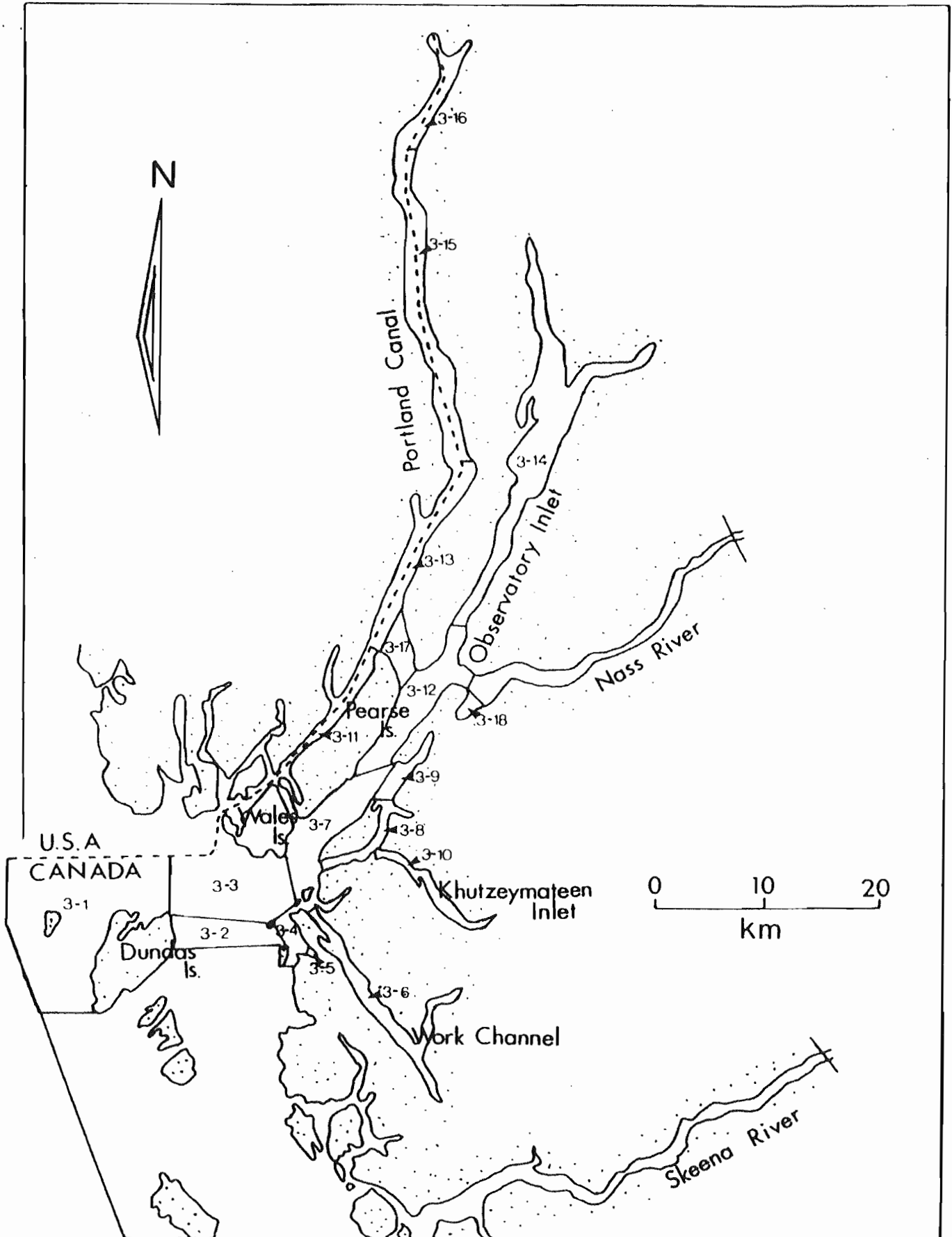


Table II.1.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3 TOTAL

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES											TEN YEAR		
			1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	AVERAGE		
19	5-1	MAY 07-13													
20	5-2	14-20													
21	5-3	21-27	3						5		4			7	
22	5-4	28-03	1		2	3	7	8			44	9		35	
23	6-1	JUNE 04-10	8		12	47	33	18	2		105	143		33	
24	6-2	11-17	41	187	63	244	133	79	26		427	890		685	
25	6-3	18-24	293	4498	1231	914	476	205	59		1309	1385		665	
26	6-4	25-01	1820	6537	1420	7728	2084	596	1807		1896	4877		1436	
27	7-1	JULY 02-08	7269	7289	1802	3454	7306	3051	2321		1398	15772		4471	
28	7-2	09-15	6560	3782	2677	1468	5830	1534	3011		9103	20618		9911	
29	7-3	16-22	11020	655	4299		3187	1633	1590		8677	20802		11082	
30	7-4	23-29	5932	167	857		6702	1370	2639		6294	19661		5618	
31	7-5	30-05	4425	385	1179		5956	1211	3277		3323	5872		2824	
32	8-1	AUG 06-12	6666	1617	1884	3705	3347	3316	4684		1438	3998		3273	
33	8-2	13-19	5168	2945	1929	1879	1929	1141	6065			6905		590	
34	8-3	20-26	23497	10315	1954	2022	1377	5076	6238		5731	20881		2155	
35	8-4	27-02	32349	16325	2621	423	1568	4047	7653		3338	8903		11016	
36	9-1	SEPT 03-09	12617	5686	1854	230	2070	3958	10273		2324	6088		4066	
37	9-2	10-16	3452	1791	1974	918	1021	1051	3053		358	2179		772	
38	9-3	17-23	1873			212	726	1441	1699		72	895			
39	9-4	24-30							1078			99			
40	10-1	OCT 01-07							1577						
41	10-2	08-14													
42	10-3	15-21													
TOTAL			122994	62179	25758	23247	43752	29740	57052	45841	139977	58639		60918	

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.

Table II.2.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3 TOTAL

24

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
19	5-1	MAY 07-13	1										
20	5-2	14-20	1		8	1				6			
21	5-3	21-27	1		49	60	2			5			
22	5-4	28-03	20	3	78	399	91	3	5	11	64	7	
23	6-1	JUNE 04-10	92	58	367	395	259	20	90	43			
24	6-2	11-17	382	86	1501	1590	358	117	117	15	1920		
25	6-3	18-24	1397	633	1834	7212	1416	552	355	4448	5756	3877	
26	6-4	25-01	5134	1226	15611	16315	2848	1717	1525	10311	7609		
27	7-1	JULY 02-08	14885	1105	19345	17056	16364	2876	2160	26434	10486	1	
28	7-2	09-15	20929	1509	16847	2863	21401	3717	2607	26871	10599	3931	
29	7-3	16-22	14166	11448	47388	24485	26526		874	23049	1536	18608	
30	7-4	23-29	7684	8223	12541	13133	21841	2153	147	11263	6643	7147	
31	7-5	30-05	9132		31311	18537	1700	476	548	4334	12443	1106	
32	8-1	AUG 06-12	10793		23219	17439		134	162	5333	2904		
33	8-2	13-19	27490	1098	33420	23754		1629		5975	3731		
34	8-3	20-26	22228	3252	39250		39477	721	2	9314	2635	3385	
35	8-4	27-02	13243	5406	32078	22054	22770	3580	5764	111	1369		
36	9-1	SEPT 03-09	5615	11976	19165	3122	5476	2891	4085	12394	711		
37	9-2	10-16	3456	5293	7655	1329		1196		2658	1355	3063	
38	9-3	17-23	2012	1696		160			559	1			
39	9-4	24-30		220			21						
40	10-1	OCT 01-07		3									
41	10-2	08-14											
42	10-3	15-21											
TOTAL			158661	53235	301667	169904	160550	21782	19000	142576	69761	41125	113826

NOTE:1970 - 1979 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.

Table II.3.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3 TOTAL

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17		5	2								
25	6-3	18-24		566	293								
26	6-4	25-01		886	729		5041						
27	7-1	JULY 02-08	1472	11	973		1	2189					
28	7-2	09-15	21171	12620	1180		26090	2084	3929				
29	7-3	16-22	42467	5689	1206	9800	24197	314	2884				
30	7-4	23-29	31651	699	1213	11040	26671	2619	1232				
31	7-5	30-05	18383	296	1301	6670	10718	5340	5520				
32	8-1	AUG 06-12	33923	679	537	5115	16408	2339	5885				
33	8-2	13-19	28954	1479	2960	6430	15492	1945	4397				
34	8-3	20-26	21644	4	1857	23098	11780	2879	5941				
35	8-4	27-02	3177		3625	7352	3180		14042				
36	9-1	SEPT 03-09	1226		1844		1411		4354				
37	9-2	10-16			1984								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			204068	22934	19704	69505	140989	19709	48184				75014

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALESLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.
 SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED
 IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALESLIP INFORMATION (DATED DEC.3, 1985),
 AND PRORATED WITH HALL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HALL INFORMATION ONLY.

Table II.4.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3 TOTAL

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		485	19						17		
26	6-4	25-01		4500	72	1137			84	781	3099	293	
27	7-1	JULY 02-08	7202	3400	612	718	2337	1002	425	1329	6764	152	
28	7-2	09-15	15154	6699	811	2543	943	585		17321	10261	663	
29	7-3	16-22	22037	5792	505		94	1619	134	24705	23414	756	
30	7-4	23-29	4846	8275	90		10820	2389	376	9260	20395	2207	
31	7-5	30-05	4236	3869	452		14792	1897	1571	7076	5137	672	
32	8-1	AUG 06-12	4643	3576	835	372	17988	1027	2286	8241	11882	767	
33	8-2	13-19	127	360	126	5	923	568	8165		8815	480	
34	8-3	20-26	439	1979	273	150	170	328	2395	500	4686	633	
35	8-4	27-02	270	401	38		392	903	33	49	805	612	
36	9-1	SEPT 03-09	47	910	1271	5	260	599	107	1	877	968	
37	9-2	10-16	11	44		22	148	40	119	4	124	18	
38	9-3	17-23	6					8			7		
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			59018	40290	5104	4952	48867	10965	15695	69267	96283	8221	35866

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.

Table II.5.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3 TOTAL

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES											TEN YEAR	
			1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	AVERAGE	
19	5-1	MAY 07-13												
20	5-2	14-20												
21	5-3	21-27												
22	5-4	28-03												
23	6-1	JUNE 04-10												
24	6-2	11-17										1756		
25	6-3	18-24				1657	142	3		529	4386	698		
26	6-4	25-01	2588		1424	3713	844	924	147	2383	5831	39		
27	7-1	JULY 02-08	1138	231	5225	5519	2328	986	348	15788	17483			
28	7-2	09-15	497	622	4694	2631	7627	1233	331	18591	11639	2494		
29	7-3	16-22	1350	1882	15100	30743	17179		46	29485	5991	10366		
30	7-4	23-29	4295	2466	8817	4755	7513	894	1813	23082	12673	4918		
31	7-5	30-05	1263		4476	9222	1411	539	3692	25802	5509	2311		
32	8-1	AUG 06-12	2142		5370	7207		56	791	17777	8281			
33	8-2	13-19	10746	3067	2828			359		7390	4976			
34	8-3	20-26	711	1513	141	4674	15879			1453	1098	194		
35	8-4	27-02	236	1882	1131	225	1401		29		47			
36	9-1	SEPT 03-09	89	704	608	11	220			734		553		
37	9-2	10-16	442	38	712			195		85	84			
38	9-3	17-23	15						39					
39	9-4	24-30		2829										
40	10-1	OCT 01-07												
41	10-2	08-14												
42	10-3	15-21												
TOTAL			25512	15234	50526	70357	54544	5189	7236	143099	79754	21573	47302	

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM THE B.C. CATCH STATISTICS PUBLICATIONS.

Table 11.6.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES

COMMERCIAL CHUM CATCH

SEINE

WEEKLY CATCH

AREA 3 TOTAL

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		64	29								
26	6-4	25-01		97	73								
27	7-1	JULY 02-08			94								
28	7-2	09-15	12600	5491	3065	127							
29	7-3	16-22	22011	5281	5112	13672	60657	9385	11020				
30	7-4	23-29	19507	4315	7576	43774	55387	23761	20388				
31	7-5	30-05	23436	3162	8926	21620	26483	26901	33904				
32	8-1	AUG 06-12	15536	1512	4236	18179	21689	23228	24212				
33	8-2	13-19	2640	1052	14088	8166	7970	22058	38962				
34	8-3	20-26	534		2294	8209	1570	1429	11974				
35	8-4	27-02	829		3781	171	1681		2805				
36	9-1	SEPT 03-09	532		823		908		2455				
37	9-2	10-16			1104								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			97625	20974	51201	113918	176345	106762	145720				101793

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALES SLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.

SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALES SLIP INFORMATION (DATED DEC.3, 1985), AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.7.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3X (3/1)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03						2					
23	6-1	JUNE 04-10						1				1	
24	6-2	11-17			4							16	
25	6-3	18-24		1316	446		44	3					
26	6-4	25-01		1956	490	2017			429	523	577	127	
27	7-1	JULY 02-08	1526	824	576	1206	690	643	319	788	5477	344	
28	7-2	09-15	1623	503	996	81	399	272	326	897	6120	644	
29	7-3	16-22	413	124	1586		147	310	926	1816	2882	928	
30	7-4	23-29	650	8	189		1129	40	952	665	1411	548	
31	7-5	30-05	454	92	156		352	13	271	426	431	174	
32	8-1	AUG 06-12	276	67	465	242	665	155	447	86	872	112	
33	8-2	13-19	140	339	301	13	36	95	275		742	138	
34	8-3	20-26	32	501	197	46	30	302	207	7	2609	320	
35	8-4	27-02	350	246	229		19	36	51	12	598	55	
36	9-1	SEPT 03-09	949	57	110		34	194	60	29	1103	76	
37	9-2	10-16	278	38	424	88	7	11	4		30	11	
38	9-3	17-23	10					3	12				
39	9-4	24-30											
40	10-1	OCT 01-07							11				
41	10-2	08-14											
42	10-3	15-21											
TOTAL			6701	6071	6169	3693	3552	2080	4290	5249	22852	3494	6415

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.8.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3X (3/1)

30

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR	
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20								4			
21	5-3	21-27				8							
22	5-4	28-03			2	12			2	4	10		
23	6-1	JUNE 04-10			3	4			8				
24	6-2	11-17	2	10	92	35			8		57		
25	6-3	18-24			21	8	4	6		6	145	734	155
26	6-4	25-01	237		2369	699	1	16				265	
27	7-1	JULY 02-08	1380	298	2943	651	4621	1063			3654		1
28	7-2	09-15	1270	297	3247	151	2966	726	629	4021	5405	1704	
29	7-3	16-22	427	935	5369	1190	2265		226	8117	753	7735	
30	7-4	23-29	1033	1816	853	1547	936	1999	53	1673	1416	2362	
31	7-5	30-05			4701	508	957	38	464	270	2886	565	
32	8-1	AUG 06-12	458		666	113		134	106	565	828		
33	8-2	13-19	66	72	1618			42		864	1478		
34	8-3	20-26	891	191	1056		384		2	716	640	951	
35	8-4	27-02	102	888	384		394	294	234		181		
36	9-1	SEPT 03-09	133	700	654	36	65	77	22	94	28	450	
37	9-2	10-16	21	75	317	24		189		103	231		
38	9-3	17-23	14	18									
39	9-4	24-30								13			
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			6034	5300	24295	4986	12593	4584	1773	16576	18566	13923	10863

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.9.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3X (3/1)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		1	11								
26	6-4	25-01			14								
27	7-1	JULY 02-08		11	8								
28	7-2	09-15	7545	4906	426		954	1463	734				
29	7-3	16-22	12533	4027	521	778	4207	202	750				
30	7-4	23-29	7533	480	1149	3136	4125	793	174				
31	7-5	30-05	2153	151	596	96	774	890	2725				
32	8-1	AUG 06-12	1685		520		864	113	430				
33	8-2	13-19	3585	13	1668	71	168	19					
34	8-3	20-26	145		894	80	9						
35	8-4	27-02	644		700								
36	9-1	SEPT 03-09	62		588		101						
37	9-2	10-16			719								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			35885	9589	7814	4161	11202	3480	4813				10992

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALES SLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.

SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALES SLIP INFORMATION (DATED DEC.3, 1985), AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.10.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3X (3/1)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES											TEN YEAR	
			1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	AVERAGE	
19	5-1	MAY 07-13												
20	5-2	14-20												
21	5-3	21-27												
22	5-4	28-03												
23	6-1	JUNE 04-10												
24	6-2	11-17												
25	6-3	18-24		3										
26	6-4	25-01		129	1						307	3	2	
27	7-1	JULY 02-08		15	20	8	139	57	120	312	826	68		
28	7-2	09-15		73	200		382	25		408	2206	73		
29	7-3	16-22	149	105	109				30	1133	535	97		
30	7-4	23-29	234	54			733	123	1	615	221	68		
31	7-5	30-05		11			606	26	70	712	311	40		
32	8-1	AUG 06-12			358		1163	12		311		58		
33	8-2	13-19	127	71			39	46	37		492	56		
34	8-3	20-26						144	650	91	199	20		
35	8-4	27-02					97				103	74		
36	9-1	SEPT 03-09	8								212	64		
37	9-2	10-16										12		
38	9-3	17-23												
39	9-4	24-30												
40	10-1	OCT 01-07												
41	10-2	08-14												
42	10-3	15-21												
TOTAL			518	461	688	8	3159	433	908	3889	5108	632	1580	

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.11.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3X (3/1)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17									172		
25	6-3	18-24									1501		
26	6-4	25-01	193		47	280					264	39	
27	7-1	JULY 02-08			158	1291	291	375		7	6315		
28	7-2	09-15		2	330	697	1436	232	43	2250	6126	755	
29	7-3	16-22	24	272	852	4140	1760		42	6936	1290	7368	
30	7-4	23-29	133	884	605	409	1218	579	1238	6965	1204	2593	
31	7-5	30-05			54	2182	623	260	907	8839	836	1159	
32	8-1	AUG 06-12	131		556	1387			486	3334	3862		
33	8-2	13-19	60	444						1245	964		
34	8-3	20-26		15						17	175	172	
35	8-4	27-02	110	248		16			4		41		
36	9-1	SEPT 03-09		171							5	99	
37	9-2	10-16	131	14				37		36			
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			782	2050	2602	10402	5328	1483	2720	29629	22755	12185	8994

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.12.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3X (3/1)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24			5								
26	6-4	25-01		4	11								
27	7-1	JULY 02-08			17								
28	7-2	09-15	5143	1839	1608								
29	7-3	16-22	10091	2334	3284	1745	21421	4070	861				
30	7-4	23-29	7202	1432	4659	1968	16537	505	1371				
31	7-5	30-05	6727	1402	3238	453	862	3149	3483				
32	8-1	AUG 06-12	1490		4213	23	2796	1287	1230				
33	8-2	13-19	1176		1670	733	1118	104					
34	8-3	20-26	95		1870	356	303						
35	8-4	27-02	482		1211		30						
36	9-1	SEPT 03-09	252		770		454						
37	9-2	10-16			313								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			32658	7011	22869	5278	43521	9115	6945				18200

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALESLEIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.
 SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED
 IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALESLEIP INFORMATION (DATED DEC.3, 1985),
 AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.13.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3Y (3-2/4)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27	1										
22	5-4	28-03						1		1	2	1	
23	6-1	JUNE 04-10				5	3	4		8	20	1	
24	6-2	11-17	4			22	4	11		39	50	8	
25	6-3	18-24	15	1454	544	125		9		92	15	18	
26	6-4	25-01	44	2402	354	2513			428	117	874	235	
27	7-1	JULY 02-08	2941	3849	449	2241	1480	892	511	602	1073	648	
28	7-2	09-15	2005	1025	641	664	630	520	1087	886	2305	246	
29	7-3	16-22	1157	147	1129		1549	265	653	1436	2087	480	
30	7-4	23-29	690	13	170		933	70	293	1213	1622	664	
31	7-5	30-05	634	53	284		1000	64	1313	722	448	194	
32	8-1	AUG 06-12	367	908	798	1840	329	1899	1230	249	1681	607	
33	8-2	13-19	3648	2093	368	431	126	324	928		6135	452	
34	8-3	20-26	3624	4241	797	937	461	2547	1219	1188	6697	1835	
35	8-4	27-02	5624	4852	817		282	1821	1703	749	1672	2280	
36	9-1	SEPT 03-09	3228	1846	1046		571	1806	1838	965	1214	1373	
37	9-2	10-16	988	444	788	437	397	329	1025	183	572	567	
38	9-3	17-23	899			122	90	612	285	6	31		
39	9-4	24-30							193		32		
40	10-1	OCT 01-07							213				
41	10-2	08-14											
42	10-3	15-21											
TOTAL			25869	23327	8185	9337	7855	11174	12919	8456	26530	9609	14326

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.14.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3Y (3-2/4)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR	
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20			1								
21	5-3	21-27			2								
22	5-4	28-03	5			3	11		2				
23	6-1	JUNE 04-10		3	27	36	57		15			3	
24	6-2	11-17		3	42	18	85	8	2		132		
25	6-3	18-24	167	18	18	5	87	48	5	39	539	1164	
26	6-4	25-01	1305	42	3709	1576	7	46			1036		
27	7-1	JULY 02-08	1898	16	1864	1974	4396	708			2845		
28	7-2	09-15	1736		1780		3519	866	229	542	1346	450	
29	7-3	16-22	581	412	13828	2932	4229		84	3983	257	1380	
30	7-4	23-29	2046	3205	896	1419	2461	154	94	556	655	550	
31	7-5	30-05			13879	1790	743	438	84	1520	3142	456	
32	8-1	AUG 06-12	3627		2550	1652			56	511	739		
33	8-2	13-19	14161	1026	5223			268		1258	1215		
34	8-3	20-26	5479	622	4340		2323	445		1414	811	2434	
35	8-4	27-02	1649	2364	4939	2498	3685	1204	2378	58	296		
36	9-1	SEPT 03-09	1566	3064	4431	768	1703	1021	724	1802	57	809	
37	9-2	10-16	1128	631	1770	93		248		364	162		
38	9-3	17-23	456	652		58			106	1			
39	9-4	24-30		80									
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			35804	12138	59299	14822	23306	5454	3779	12048	13232	7246	18713

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.15.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3Y (3-2/4)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17		5	2								
25	6-3	18-24		263	92								
26	6-4	25-01		378	128								
27	7-1	JULY 02-08			375			876					
28	7-2	09-15	1986	3127	64		3860	523	1392				
29	7-3	16-22	8873	242	88	669	6805	112	139				
30	7-4	23-29	5389	140	22	2031	7620	483	515				
31	7-5	30-05	7143	69	53	1161	2597	393	1298				
32	8-1	AUG 06-12	4810	1	7	1368	4556	180	1555				
33	8-2	13-19	6180		58	1239	1328	672	354				
34	8-3	20-26	5201	1	544	7158	888	641	1177				
35	8-4	27-02	2368		972	2576	274		1820				
36	9-1	SEPT 03-09	261		212		457		1321				
37	9-2	10-16			642								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			42211	4226	3259	16202	28385	3880	9571				15391

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALESLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.
 SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED
 IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALESLIP INFORMATION (DATED DEC.3, 1985),
 AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.16.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES

COMMERCIAL CHUM CATCH

SEINE

WEEKLY CATCH

AREA 3Y (3-2/4)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		142	6								
26	6-4	25-01		1813	30	263			58	121	1845	112	
27	7-1	JULY 02-08	2877	748	324	710	601	660	215	999	3730	44	
28	7-2	09-15	5805	1274	433	48	548	102		4480	3735	32	
29	7-3	16-22	4022	3196	293		94	111	104	16782	3632	91	
30	7-4	23-29	471	1026	33		1333	208	348	2059	8870	486	
31	7-5	30-05		808			2998	48	651	2583	1921	592	
32	8-1	AUG 06-12	41	987	393	85	3087	80	986	896	2700	625	
33	8-2	13-19		131			291	73	3687		8323	424	
34	8-3	20-26		642	273	90	159	28	941	374	4188	613	
35	8-4	27-02		25	19		259	415	33	16	292	497	
36	9-1	SEPT 03-09		156	1271		145	88	107		632	870	
37	9-2	10-16	11			22	5	19	106	4	124	6	
38	9-3	17-23									2		
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			13227	10948	3075	1218	9520	1832	7236	28314	39994	4392	11976

NOTE:1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table 11.17.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3Y (3-2/4)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR	
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17									259		
25	6-3	18-24						3			195	121	
26	6-4	25-01	713		639			19			1121		
27	7-1	JULY 02-08	9		2373	963	429	209			2931		
28	7-2	09-15	133		3357		1350	287	38	1499	1922	1720	
29	7-3	16-22	389	264	7844	1927	4243				7318	3376	2711
30	7-4	23-29	3247	492	1495	380	3092	315	575	6414	7915	2283	
31	7-5	30-05			3027	1891	784	262	2785	5126	1739	1152	
32	8-1	AUG 06-12	683		4429	2131		56	266	4821	2198		
33	8-2	13-19	5750	2623	1202			359		4373	3334		
34	8-3	20-26	696	543	71		237			578	900	22	
35	8-4	27-02	126	738	291	86			21		6		
36	9-1	SEPT 03-09	89	286	262	11	220			377	79		
37	9-2	10-16	290	24	609								
38	9-3	17-23	15						26				
39	9-4	24-30		2829									
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			12140	7799	25599	7389	10355	1510	3711	30506	25975	8009	13299

NOTE: 1970 -1979 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.18.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3Y (3-2/4)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		30									
26	6-4	25-01			26								
27	7-1	JULY 02-08			8								
28	7-2	09-15	4886	3334	814								
29	7-3	16-22	9588	2082	780	4079	19218	2142	4634				
30	7-4	23-29	1703	1865	2182	23254	23444	11297	11832				
31	7-5	30-05	6118	565	1697	9079	10292	8270	16493				
32	8-1	AUG 06-12	6692		23	5412	6942	12001	5870				
33	8-2	13-19	978		729	3749	3956	9743	11809				
34	8-3	20-26	439			4482	742	331	2940				
35	8-4	27-02	347		2114	146	759		175				
36	9-1	SEPT 03-09	219		14		196		795				
37	9-2	10-16			727								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			30970	7876	9114	50201	65549	43784	54548				37435

40

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALESLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.
 SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED
 IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALESLIP INFORMATION (DATED DEC.3, 1985),
 AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.19.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3Z (3-7/17)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR AVERAGE	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27	2					5		4		7	
22	5-4	28-03	1		2	3	7	5		43	7	34	
23	6-1	JUNE 04-10	8		12	42	30	13	2	97	123	31	
24	6-2	11-17	37	187	59	222	129	68	26	388	840	661	
25	6-3	18-24	278	1728	241	789	432	193	59	1217	1370	647	
26	6-4	25-01	1776	2179	576	3198	2084	596	950	1256	3426	1074	
27	7-1	JULY 02-08	2802	2616	777	7	5136	1516	1491	8	9222	3479	
28	7-2	09-15	2932	2254	1040	723	4801	742	1598	7320	12193	9021	
29	7-3	16-22	9450	384	1584		1491	1058	11	5425	15833	9674	
30	7-4	23-29	4592	146	498		4640	1260	1394	4416	16628	4406	
31	7-5	30-05	3337	240	739		4604	1134	1693	2175	4993	2456	
32	8-1	AUG 06-12	6023	642	621	1623	2353	1262	3007	1103	1445	2554	
33	8-2	13-19	1380	513	1260	1435	1767	722	4862		28		
34	8-3	20-26	19841	5573	960	1039	886	2227	4812	4536	11575		
35	8-4	27-02	26375	11227	1575	423	1267	2190	5899	2577	6633	8681	
36	9-1	SEPT 03-09	8440	3783	698	230	1465	1958	8375	1330	3771	2617	
37	9-2	10-16	2186	1309	762	393	617	711	2024	175	1577	194	
38	9-3	17-23	964			90	636	826	1402	66	864		
39	9-4	24-30							885		67		
40	10-1	OCT 01-07							1353				
41	10-2	08-14											
42	10-3	15-21											
TOTAL			90424	32781	11404	10217	32345	16486	39843	32136	90595	45536	40177

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

41

Table II.20.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3Z (3-7/17)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR	
												1979	AVERAGE
19	5-1	MAY 07-13	1										
20	5-2	14-20	1		7	1				2			
21	5-3	21-27	1		47	52	2			5			
22	5-4	28-03	15	3	76	384	80	3	1	7	54		
23	6-1	JUNE 04-10	92	55	337	355	202	20	67	43		4	
24	6-2	11-17	380	73	1367	1537	273	109	107	15	1731		
25	6-3	18-24	1230	615	1795	7199	1325	498	344	4264	4483	2558	
26	6-4	25-01	3592	1184	9533	14040	2840	1655	1525	10311	6308		
27	7-1	JULY 02-08	11607	791	14538	14431	7347	1105	2160	26434	3987		
28	7-2	09-15	17923	1212	11820	2712	14916	2125	1749	22308	3848	1777	
29	7-3	16-22	13158	10101	28191	20363	20032		564	10949	526	9493	
30	7-4	23-29	4605	3202	10792	10167	18444			9034	4572	4235	
31	7-5	30-05	9132		12731	16239				2544	6415	85	
32	8-1	AUG 06-12	6708		20003	15674				4257	1337		
33	8-2	13-19	13263		26579	23754		1319		3853	1038		
34	8-3	20-26	15858	2439	33854		36770	276		7184	1184		
35	8-4	27-02	11492	2154	26755	19556	18691	2082	3152	53	892		
36	9-1	SEPT 03-09	3916	8212	14080	2318	3708	1793	3339	10498	626	1804	
37	9-2	10-16	2307	4587	5568	1212		759		2191	962		
38	9-3	17-23	1542	1026		102			440				
39	9-4	24-30		140			21						
40	10-1	OCT 01-07		3									
41	10-2	08-14											
42	10-3	15-21											
TOTAL			116823	35797	218073	150096	124651	11744	13448	113952	37963	19956	84250

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.21.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 3Z (3-7/17)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		302	190								
26	6-4	25-01		508	587		5041						
27	7-1	JULY 02-08	1472		590		1	1313					
28	7-2	09-15	11640	4587	690		21276	98	1803				
29	7-3	16-22	21061	1420	597	8353	13185		1995				
30	7-4	23-29	18729	79	42	5873	14926	1343	543				
31	7-5	30-05	9087	76	652	5413	7347	4057	1497				
32	8-1	AUG 06-12	27428	678	10	3747	10988	2046	3900				
33	8-2	13-19	19189	1466	1234	5120	13996	1254	4043				
34	8-3	20-26	16298	3	419	15860	10883	2238	4764				
35	8-4	27-02	165		1953	4776	2906		12222				
36	9-1	SEPT 03-09	903		1044		853		3033				
37	9-2	10-16			623								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			125972	9119	8631	49142	101402	12349	33800				48631

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALESLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.
 SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED
 IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALESLIP INFORMATION (DATED DEC.3, 1985),
 AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.22.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3Z (3-7/17)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		340	13						17		
26	6-4	25-01		2558	41	874			26	353	1251	179	
27	7-1	JULY 02-08	4325	2637	268		1597	285	90	18	2208	40	
28	7-2	09-15	9349	5352	178	2495	13	458		12433	4320	558	
29	7-3	16-22	17866	2491	103			1508		6790	19247	568	
30	7-4	23-29	4141	7195	57		8754	2058	27	6586	11304	1653	
31	7-5	30-05	4236	3050	452		11188	1823	850	3781	2905	40	
32	8-1	AUG 06-12	4602	2589	84	287	13738	935	1300	7034	9182	84	
33	8-2	13-19		158	126	5	593	449	4441				
34	8-3	20-26	439	1337		60	11	156	804	35	299		
35	8-4	27-02	270	376	19		36	488		33	410	41	
36	9-1	SEPT 03-09	39	754		5	115	511		1	33	34	
37	9-2	10-16		44			143	21	13				
38	9-3	17-23	6					8			5		
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			45273	28881	1341	3726	36188	8700	7551	37064	51181	3197	22310

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.23.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3Z (3-7/17)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR	
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17									1325		
25	6-3	18-24				1657	142			529	2690	577	
26	6-4	25-01	1682		738	3433	844	905	147	2383	4446		
27	7-1	JULY 02-08	1129	231	2694	3265	1608	402	348	15781	8237		
28	7-2	09-15	364	620	1007	1934	4841	714	250	14842	3591	19	
29	7-3	16-22	937	1346	6404	24676	11176		4	15231	1325	287	
30	7-4	23-29	915	1090	6717	3966	3203			9703	3554	42	
31	7-5	30-05	1263		1395	5149	4	17		11837	2934		
32	8-1	AUG 06-12	1328		385	3689			39	9622	2221		
33	8-2	13-19	4936		1626					1772	678		
34	8-3	20-26	15	955	70	4674	15642			858	23		
35	8-4	27-02		896	840	123	1401		4				
36	9-1	SEPT 03-09		247	346					357		454	
37	9-2	10-16	21		103			158		49			
38	9-3	17-23							13				
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			12590	5385	22325	52566	38861	2196	805	82964	31024	1379	25010

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.24.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 3Z (3-7/17)

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
			19	5-1	MAY 07-13								
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24		34	24								
26	6-4	25-01		93	36								
27	7-1	JULY 02-08			69								
28	7-2	09-15	2571	318	643	127							
29	7-3	16-22	2332	865	1048	7848	20018	3173	5525				
30	7-4	23-29	10602	1018	735	18552	15406	11959	7185				
31	7-5	30-05	10591	1195	3991	12088	15329	15482	13928				
32	8-1	AUG 06-12	7354	1512		12744	11951	9940	17112				
33	8-2	13-19	486	1052	11689	3684	2896	12211	27153				
34	8-3	20-26			424	3371	525	1098	9034				
35	8-4	27-02			456	25	892		2630				
36	9-1	SEPT 03-09	61		39		258		1660				
37	9-2	10-16			64								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			33997	6087	19218	58439	67275	53863	84227				46158

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM THE B.C. SALES SLIPS.

1983 - 1984 CATCHES WERE ONLY RECORDED AS 3-1, 3(2-4) AND 3(7-17), WHICH ARE NOT DIRECTLY COMPARABLE TO 3X, 3Y & 3Z.
 SEE EXPLANATION PROVIDED AT THE BEGINNING OF THIS DATA SUMMARY.

1985 - 1986 CATCHES WERE RECORDED FOR 3X, 3Y & 3Z AND FOR 3-1, 3(2-4) AND 3(7-17). THE 3X, 3Y & 3Z DATA IS USED
 IN THIS TABLE. 1985 DATA IS BASED ON PRELIMINARY B.C. SALES SLIP INFORMATION (DATED DEC.3, 1985),
 AND PRORATED WITH HAIL DATA ON A WEEKLY BASIS TO 3X, 3Y & 3Z. 1986 DATA IS HAIL INFORMATION ONLY.

Table II.25.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 1

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR AVERAGE	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20			17								
21	5-3	21-27			30								
22	5-4	28-03		18	37								
23	6-1	JUNE 04-10		182	155								
24	6-2	11-17		71	535						8	17	
25	6-3	18-24		33	129	1325				1679	443	255	
26	6-4	25-01	8	161	59	442	488	760	45	1715	427	407	
27	7-1	JULY 02-08	61	14	163	384	554	1872	181	1017	1176	1041	
28	7-2	09-15	155	1	178	239	257	1338	648	783	1532	368	
29	7-3	16-22	209	41	256		906	1363	1046	149	2205	1046	
30	7-4	23-29	35	5	424	2	386	485	929	192	2693	881	
31	7-5	30-05	12	9	226	8	379	174	1150	444	4126	415	
32	8-1	AUG 06-12	52	8	270	248	305	55	1502	680	2965	856	
33	8-2	13-19	429	30	85	139	387	382	1847	2503	4315	519	
34	8-3	20-26	739	28	64	140	526	770	808	2378	678	1085	
35	8-4	27-02	57	0	94	200	323	259	366	407	209	67	
36	9-1	SEPT 03-09		2	10	245	902	39	434	21	30	97	
37	9-2	10-16			15	100	263	253	127	67	147	646	
38	9-3	17-23			7	606	374		191	201	480	3167	
39	9-4	24-30							80	1330	1476	4344	
40	10-1	OCT 01-07							2494	3222	529	4243	
41	10-2	08-14								3260		9416	
42	10-3	15-21								60		4978	
TOTAL			1757	603	2754	4078	6050	7750	11848	20108	23439	33848	11224

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.26.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES

COMMERCIAL CHUM CATCH

SEINE

WEEKLY CATCH

AREA 1

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17			6								
25	6-3	18-24								104			
26	6-4	25-01				11				52			
27	7-1	JULY 02-08			45	4							8
28	7-2	09-15			57				70				110
29	7-3	16-22			6		40	356	20				58
30	7-4	23-29			82		2	157	90	2	62		275
31	7-5	30-05		8			1	32	254		232		
32	8-1	AUG 06-12			33		1734	178	404	16	221		30
33	8-2	13-19	95				1300	389	156	205	362		
34	8-3	20-26	10				353	372	794	36	52		4
35	8-4	27-02				23	165	150	21				
36	9-1	SEPT 03-09			1	8	137	633	1		12		
37	9-2	10-16				62	2148						
38	9-3	17-23		209			1685		852				
39	9-4	24-30							588				1196
40	10-1	OCT 01-07							6074	3477			405
41	10-2	08-14								266			77
42	10-3	15-21											114
TOTAL			105	217	230	108	7565	2267	9324	4158	941	2277	2719

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.27.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES

COMMERCIAL CHUM CATCH

GILLNET

WEEKLY CATCH

AREA 1

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10	5	3	60								
24	6-2	11-17	28					37					
25	6-3	18-24	5000	1986	8746	605	2461	788					26
26	6-4	25-01	3973	2111	3331	719	616	272	52	67			367
27	7-1	JULY 02-08	4430	1293	1719	504	1105	386	25				317
28	7-2	09-15	1868	1637	3126	1	264	298	11	9			113
29	7-3	16-22	3199	3959	2953	223	255	358	65	129			
30	7-4	23-29	1170	1705	3423	96		164	548	122	2		2
31	7-5	30-05	1888	378	2579	2445							23
32	8-1	AUG 06-12	1833	1166	2157	790		130		12			
33	8-2	13-19	917	2617	1783	241	85	46					4
34	8-3	20-26	245	1578		2856	653	8	1		10		
35	8-4	27-02	752	122		436	581	69	4	294			
36	9-1	SEPT 03-09		108		122		477	4				
37	9-2	10-16		133	68	401		179					
38	9-3	17-23	532	288	3912	844	399	286					
39	9-4	24-30	2397	1638	7467	4233	2429	3500		2	1111		
40	10-1	OCT 01-07	531	4747		3903	2308	1075	766	237	820		
41	10-2	08-14		3351		4262	2931						
42	10-3	15-21		1420						855			
43	10-4	22-28		41			419			5			
44	10-5	29-04					3						
TOTAL			28768	30281	41324	22681	14509	8073	1476	1732	1943	852	15164

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.28.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 1

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24	62	2	910		133	146		21	528	35	
26	6-4	25-01	93		148	38	13	53	168	212	659	401	
27	7-1	JULY 02-08			41	45	534	256	69	825	564	1186	
28	7-2	09-15	2	370	753		411	251	25		87	214	
29	7-3	16-22		23	678	127	39	412	546	176		544	
30	7-4	23-29	5	67	1842	302		149	281		177	278	
31	7-5	30-05	76	345	438	255				112	260	1003	
32	8-1	AUG 06-12	33	77	1229	1072				335	50	993	
33	8-2	13-19	771	37	879	1599				915	114	678	
34	8-3	20-26	512			4	262			528			
35	8-4	27-02					1872	1415		38			
36	9-1	SEPT 03-09		2									
37	9-2	10-16	2104		143			23					
38	9-3	17-23	404		574	200	31	69					
39	9-4	24-30			365	5301	830	508			1492		
40	10-1	OCT 01-07		5019		17110	854			214	49		
41	10-2	08-14		198		4716	63						
42	10-3	15-21								63			
TOTAL			4062	6140	8000	30769	5042	3282	1089	3439	3980	5332	7114

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.29.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 1

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24	554	780									
26	6-4	25-01	452	2013									
27	7-1	JULY 02-08	603	2587									
28	7-2	09-15	155	434	48								
29	7-3	16-22	100	83	100	37	1			300			
30	7-4	23-29		122	43	131	28						
31	7-5	30-05	187	247	65	5	120						
32	8-1	AUG 06-12	35	8		133	19						
33	8-2	13-19	430	24		50	35						
34	8-3	20-26	106	19									
35	8-4	27-02		39		4	3						
36	9-1	SEPT 03-09		30			2						
37	9-2	10-16									125		
38	9-3	17-23									202		
39	9-4	24-30							602		843		
40	10-1	OCT 01-07							1340		5931		
41	10-2	08-14					67		1505		25077		
42	10-3	15-21							12013		18002		
43	10-4	22-28											
44	10-5	29-04											
TOTAL			2622	6386	256	360	275	15460	50480				10834

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

1985 CATCH FIGURES ARE TAKEN FROM PRELIMINARY B.C. SALES SLIPS (DEC.3,1985).

1986 CATCH FIGURES ARE TAKEN FROM PRELIMINARY HALL DATA.

Table II.30.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 1

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	* 1985	1986	1987	1988	TEN YEAR	
												1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24	123	184									
26	6-4	25-01	51	339									
27	7-1	JULY 02-08	374	191									
28	7-2	09-15	539	1373	1461								
29	7-3	16-22	1009	1758	5753	587	1022	2097	5049				
30	7-4	23-29	1726	702	3643	695	1317	3118	3181				
31	7-5	30-05	739	1726	839	75	478	3557	3057				
32	8-1	AUG 06-12	2017	594	499	266	1203	944	3213				
33	8-2	13-19	421	865		125	647	951					
34	8-3	20-26	1021	972		101	637	469					
35	8-4	27-02		669		426	462						
36	9-1	SEPT 03-09		923			236						
37	9-2	10-16							3700				
38	9-3	17-23							14				
39	9-4	24-30						81	374				
40	10-1	OCT 01-07						9	15978				
41	10-2	08-14							22050				
42	10-3	15-21						25833					
TOTAL			8020	10296	12195	2275	6002	37059	56616				18923

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.
 1985 CATCH FIGURES ARE TAKEN FROM PRELIMINARY B.C. SALESLIPS (DEC.3,1985).
 1986 CATCH FIGURES ARE TAKEN FROM PRELIMINARY HALL DATA.

Table II.31.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT WEEK	RANGE OF WEEK		1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR
		ENDING DATES												AVERAGE
19	5-1	MAY	07-13											
20	5-2		14-20											
21	5-3		21-27					2						
22	5-4		28-03								11			1
23	6-1	JUNE	04-10			2			4		1	7		2
24	6-2		11-17	1	3		7		1		16	6		47
25	6-3		18-24	6	147	195	16	2	3		67	34		32
26	6-4		25-01	16	333	624	2752	26	5		469	707		300
27	7-1	JULY	02-08	40	1275	1161	3611	2567	361	813	1985	3138		683
28	7-2		09-15	42	749	820	806	927	517	1149	2601	2833		1039
29	7-3		16-22	1511	903	935		1260	343	1015	4197	4123		1413
30	7-4		23-29	710	2732	511	156	3407	188	1323	4838	3637		2390
31	7-5		30-05	2061	3332	3206	483	8024	754	3576	4314	3507		1176
32	8-1	AUG	06-12	4127	5656	2744	7009	7888		4491	2766	8464		2173
33	8-2		13-19	4237	4773	1993	2835	3295	1838	6266		5797		2009
34	8-3		20-26	3602	3048	4805	2221	5826		6675	4075	4908		2
35	8-4		27-02	447	2145	3261	3006	2575	1503	6367	35	3453		2347
36	9-1	SEPT	03-09	2014	702	732	2202	1307	1723	2631	1005	2140		2142
37	9-2		10-16	1129	457	477	457	200	404	1752	89	816		709
38	9-3		17-23	953			270	184	45	563	31	410		40
39	9-4		24-30							404		47		
40	10-1	OCT	01-07							240				
41	10-2		08-14											
42	10-3		15-21											
TOTAL				20896	26255	21466	25831	37490	7689	37265	26500	44027	16505	26392

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.32.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES

COMMERCIAL CHUM CATCH

SEINE

WEEKLY CATCH

AREA 4

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR AVERAGE		
												1969	AVERAGE	
19	5-1	MAY 07-13												
20	5-2	14-20												
21	5-3	21-27												
22	5-4	28-03												
23	6-1	JUNE 04-10												
24	6-2	11-17												
25	6-3	18-24												
26	6-4	25-01									11		28	
27	7-1	JULY 02-08					429	2			18			
28	7-2	09-15			1									
29	7-3	16-22	244					1			455			
30	7-4	23-29				626	26				144			
31	7-5	30-05	125	4			33							
32	8-1	AUG 06-12	12	38	14	29	34			14	114		40	
33	8-2	13-19	30	38	11	15	8	25						
34	8-3	20-26	9			25	2			17	9			
35	8-4	27-02		151							103			
36	9-1	SEPT 03-09		9										
37	9-2	10-16					1							
38	9-3	17-23												
39	9-4	24-30												
40	10-1	OCT 01-07												
41	10-2	08-14												
42	10-3	15-21												
TOTAL			420	240	26	695	533	28	0	31	854	68	290	

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.33.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13								1			
20	5-2	14-20											
21	5-3	21-27			3								
22	5-4	28-03											
23	6-1	JUNE 04-10		3	5				12				
24	6-2	11-17	2	1	2				45				
25	6-3	18-24	13	9	4								2
26	6-4	25-01	1322	21	2104	4	18	24	5				199
27	7-1	JULY 02-08	793	72	6995	1977	3451	1388	30	3	10721		110
28	7-2	09-15	754	210	10309	2439	4724	1412	817	6969	15203		2755
29	7-3	16-22	2227	873	7473	1455	8295	3	561	8382	4789		6013
30	7-4	23-29	4879	3702	11524	18475	13345	3742	533	6801	9724		14005
31	7-5	30-05	13	2980	10808	16444	9970	1706	2334	12761	21		9075
32	8-1	AUG 06-12	4810	2402	21896	11937	6467	2495	2545	11596	2997		14757
33	8-2	13-19	5459	7871	20712	16487	204	2506	951	5438	5561		4871
34	8-3	20-26	4231	3489	9285	9162	3506	1416	84	3711	1383		30
35	8-4	27-02	5462	7172	7449	315	22	1891	111	2507	804		13
36	9-1	SEPT 03-09	2269	4176	5234	2656	7	736	2062	83	1998		
37	9-2	10-16	794	2348	1895	946	1056		1246		1247		
38	9-3	17-23	183	1347		252			386				
39	9-4	24-30		1242		24	30						
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			33211	37918	115698	82573	51095	17319	11722	58252	54448	51830	51407

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.34.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR AVERAGE	
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24											
26	6-4	25-01	11										
27	7-1	JULY 02-08					132				1200	151	
28	7-2	09-15					608		4		4153		
29	7-3	16-22	1	27	1130	3876	740			26	271	213	
30	7-4	23-29			971	1398	4596	1018	1354	344	1322		
31	7-5	30-05		358	1519	819	1883	177	660	7827		1548	
32	8-1	AUG 06-12	85	329		265	1854		138	50		761	
33	8-2	13-19		20		44		4130		40	53		
34	8-3	20-26	16	104									
35	8-4	27-02			2	27					15		
36	9-1	SEPT 03-09			1								
37	9-2	10-16			8								
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			113	838	3631	6429	9813	5325	2156	8287	7014	2673	4628

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.35.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
			19	5-1	MAY 07-13								
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24											
26	6-4	25-01					11						
27	7-1	JULY 02-08		5	1			6941					
28	7-2	09-15	17163	10930	3547	144	3388	6784	4118				
29	7-3	16-22	25289	8649	4091	5281	19185	10740	3060				
30	7-4	23-29	9529	4650	9700	4898	30030	13773	5832				
31	7-5	30-05	14579	3360	10852	2113	16576	10308	10793				
32	8-1	AUG 06-12	148	2445	2687	2597	8745	12028	2425				
33	8-2	13-19		3025	4130	4347	15700	17711	5024				
34	8-3	20-26	161	2157	23	2734	3606	6712	5120				
35	8-4	27-02	112	5		2227	1008		3673				
36	9-1	SEPT 03-09	565		833	25			202				
37	9-2	10-16											
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			67546	35226	35864	24366	98249	84997	40247				55214

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

1985 CATCH FIGURES ARE TAKEN FROM PRELIMINARY B.C. SALES SLIPS (DEC.3,1985).

1986 CATCH FIGURES ARE TAKEN FROM PRELIMINARY HAIL DATA.

Table II.36.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 4

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20				N							
21	5-3	21-27				O							
22	5-4	28-03											
23	6-1	JUNE 04-10				S							
24	6-2	11-17				E							
25	6-3	18-24				I							
26	6-4	25-01				N							
27	7-1	JULY 02-08				E							
28	7-2	09-15	1392	20	13		475						
29	7-3	16-22	362	4137	683	F	27045						
30	7-4	23-29	992	3410	20982	I	457	15157					
31	7-5	30-05	352	169	5028	S		8113	5667				
32	8-1	AUG 06-12				H							
33	8-2	13-19				E	1045	3169					
34	8-3	20-26				R				384			
35	8-4	27-02				Y			370				
36	9-1	SEPT 03-09	26										
37	9-2	10-16											
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			3124	7736	26706	0	29022	26439	6421				14207

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.
 1985 CATCH FIGURES ARE TAKEN FROM PRELIMINARY B.C. SALES SLIPS (DEC.3,1985).
 1986 CATCH FIGURES ARE TAKEN FROM PRELIMINARY HALL DATA.

Table II.37.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											425
24	6-2	11-17				2							656
25	6-3	18-24						34		10	2806		614
26	6-4	25-01		709	1021	4409	1622	1543	4	4308	4835		22
27	7-1	JULY 02-08	263	704	3503	7501	8060	2817	5977	3514	5033		255
28	7-2	09-15	582	965	3292	8117	8260	2242	5606	1799	11144		466
29	7-3	16-22	826	1097	3615	4	10855	4535	4608	549	5285		992
30	7-4	23-29	1140	852	5572	1698	7192	4580	10172	761	6821		3703
31	7-5	30-05	626	1118	1178	471	5942	3346	6476	895	7898		8618
32	8-1	AUG 06-12	1162	951	4190	7611	7172	2765	7282	815	4621		3360
33	8-2	13-19	2259	2230	3649	6688	5245	15460	5025		6121		2415
34	8-3	20-26	4285	0	6106	5477	6372	3614	4623	1554	7416		
35	8-4	27-02	4367	3685	10731		4852	1877	5435	2108	3847		
36	9-1	SEPT 03-09	5950	4778	10333		5419	698	7137	1269	5053		
37	9-2	10-16	4619	2914	7690	6262		647	10858	190	3628		
38	9-3	17-23	3252			2905			5497		1206		
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			29331	20003	60880	51145	70991	44158	78700	17772	75714	21526	47022

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.

Table II.38.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1960	1961	1962	1963	1964	1965	1966	1967	1968	TEN YEAR	
												1969	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24										99	
26	6-4	25-01			36	27	223	124		93	1099		
27	7-1	JULY 02-08	113	150	507	456	1651	266	1929	1164	6103		3
28	7-2	09-15	374	984	1365	2470	5189	581	5292	1658	13725		72
29	7-3	16-22	540	1821	3188		3516	1039	4983	903	17143		15
30	7-4	23-29	751	1492	1180	807	8775	1765	13127	587	7422		4
31	7-5	30-05	816	3207	1297	183	7554	424	10713	809	6586		
32	8-1	AUG 06-12	655	2943	2641	3310	5035	1475	8761	742	869		173
33	8-2	13-19	1232	1618	2051	2574	3911	1433	5675		1569		74
34	8-3	20-26	1887	0	3457	583	2942	766	2572	356	1217		160
35	8-4	27-02	1155	564	3550		1452	683	2620	36	919		663
36	9-1	SEPT 03-09	526	399	6493		1804	442	1603	710	992		46
37	9-2	10-16	5		2035	411		126	2529		352		3
38	9-3	17-23							827		5		
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			8054	13178	27800	10821	42052	9124	60631	7058	58100	1213	23803

NOTE: 1960 - 1969 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.39.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR
													AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20			1								
21	5-3	21-27											
22	5-4	28-03										6	
23	6-1	JUNE 04-10	30										
24	6-2	11-17											
25	6-3	18-24	2249		592								282
26	6-4	25-01	1927		2785		950	853	190		1953		
27	7-1	JULY 02-08	3896	75	5120	142	273	879	363	708	3409	2012	
28	7-2	09-15	5552	16	8081	634	241	401	184	2561	1655	536	
29	7-3	16-22	4556	3600	16384		851		87	2004	114	501	
30	7-4	23-29	4097	1857	11887	736	170	1454	742	1736	2300	189	
31	7-5	30-05	13295	1946	20195	3520			74	2688	4249	1747	
32	8-1	AUG 06-12	4490	1706	9807	4152		19	175	1556	1322	234	
33	8-2	13-19	4604	2533	6135	3786		84	223	1231	3918	12	
34	8-3	20-26	4270	3362	4326	3314	946	239	1534	2003	3668	20	
35	8-4	27-02	4731	3397	2267		5080	1732	1778	2717	6087		
36	9-1	SEPT 03-09	4708	1578	34	780	4953	2722	2173	2536	3871	5506	
37	9-2	10-16	3101	2741		614		8	4328	6734	1167	1950	
38	9-3	17-23	692	1549		1162			699			8	
39	9-4	24-30		2327									
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			62198	26687	87614	18840	13464	8391	12550	26474	33713	13003	30293

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.40.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1970	1971	1972	1973	1974	1975	1976	1977	1978	TEN YEAR	
												1979	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24	21										
26	6-4	25-01	254		68		37				180		
27	7-1	JULY 02-08	806		767		22	6	1		795	18	
28	7-2	09-15	2727		3468			80			3215	5	
29	7-3	16-22	1573	479	5142	418	350			382	41	599	
30	7-4	23-29	1606	21	5607	1233	509	746		253	286	736	
31	7-5	30-05	2561	381	3357	968		133		475	42	601	
32	8-1	AUG 06-12	2166	181	4216	805		805		3329	130	118	
33	8-2	13-19	2267	635	2216	2348	58	482	20	845	992		
34	8-3	20-26	1288	939	784		117	1092	162	514	199		
35	8-4	27-02	186	2311	982		2269	158	415	9	209		
36	9-1	SEPT 03-09	902	184			161	80	281			138	
37	9-2	10-16	728	257		718				86			
38	9-3	17-23							6		129		
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			17085	5388	26607	6490	3523	3582	885	5893	6218	2215	7789

NOTE: 1970 - 1979 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.

Table II.41.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 GILLNET
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24	1	2642									
26	6-4	25-01			2								
27	7-1	JULY 02-08		2774	1587			852					
28	7-2	09-15	3595	614	770		873	210	495				
29	7-3	16-22	9118	56	939	6030	1493	117	466				
30	7-4	23-29	5096	232	1222	1966		841	363				
31	7-5	30-05	4860		1053	2226	1978	500	655				
32	8-1	AUG 06-12	1309			983	4878	2617	5189				
33	8-2	13-19	1531		335	1889	3067	421	3330				
34	8-3	20-26	2556	4	4208	3652	1695		2543				
35	8-4	27-02	3235	1055	2579	1507			762				
36	9-1	SEPT 03-09	1830	532			113		581				
37	9-2	10-16							232				
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			33131	7909	12695	18253	14097	5558	14616				15180

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALES SLIPS.
 1985 CATCH FIGURES ARE TAKEN FROM PRELIMINARY B.C. SALES SLIPS (DEC.3,1985).
 1986 CATCH FIGURES ARE TAKEN FROM PRELIMINARY HAIL DATA.

Table II.42.

NORTHERN BRITISH COLUMBIA SALMON FISHERIES
 COMMERCIAL CHUM CATCH
 SEINE
 WEEKLY CATCH
 AREA 5

JULIAN WEEK	STAT WEEK	RANGE OF WEEK ENDING DATES	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	AVERAGE
19	5-1	MAY 07-13											
20	5-2	14-20											
21	5-3	21-27											
22	5-4	28-03											
23	6-1	JUNE 04-10											
24	6-2	11-17											
25	6-3	18-24											
26	6-4	25-01		272									
27	7-1	JULY 02-08			58								
28	7-2	09-15	2129	269	372								
29	7-3	16-22	912	27	919	914	1747	85	458				
30	7-4	23-29	217	437	2299	28		2898	1304				
31	7-5	30-05	443		699	135	2209	1734	418				
32	8-1	AUG 06-12	249		2571	157	3820	795	5085				
33	8-2	13-19	22		767	51	3328	3807	5849				
34	8-3	20-26	746			348	2260		2233				
35	8-4	27-02	1033	4		118			338				
36	9-1	SEPT 03-09	998	98			615		314				
37	9-2	10-16							78				
38	9-3	17-23											
39	9-4	24-30											
40	10-1	OCT 01-07											
41	10-2	08-14											
42	10-3	15-21											
TOTAL			6749	1107	7685	1751	13979	9319	16077				8095

NOTE: 1980 - 1982 CATCH FIGURES ARE TAKEN FROM B.C. SALESLIPS.
 1985 CATCH FIGURES ARE TAKEN FROM PRELIMINARY B.C. SALESLIPS (DEC.3,1985).
 1986 CATCH FIGURES ARE TAKEN FROM PRELIMINARY HAIL DATA.

64

Table II.43.

ANNUAL CHUM CATCH FIGURES FOR AREAS 1-10:

YEAR	1	2E	2W	TOTAL Q.C.1. (1,2W,2E)	3	4	5	TOTAL SKEENA- NASS (3,4,5)	6	7	8	9	10	TOTAL CENTRAL COAST (6-10)
1950														
1951	78511	317184	495253	890948	273908	69468	106454	449830	453112	432294	596322	37834	14045	1533607
1952	2952	75472	52994	131418	99000	37097	40660	176757	92834	153991	187098	36584	10891	481398
1953	17884	28702	122131	168717	173449	55832	90711	319992	217729	466427	406715	28343	28643	1147857
1954	33374	328954	204262	566590	88309	120817	127842	336968	308940	366998	189575	46945	23377	935835
1955	5192	55396	21239	81827	67829	29547	26847	124223	43728	186120	132410	20907	27506	410671
1956	17426	47329	83075	147830	360686	51378	26536	438600	114087	212320	240227	11121	13727	591482
1957	56541	21365	7166	85072	225773	35622	72380	333775	251254	464597	262373	21129	29444	1028797
1958	8882	15754	8274	32910	177586	43355	54329	275270	313330	268603	301702	60077	12027	955739
1959	1945	6	14601	16552	170264	31880	14855	216999	24121	70584	72539	12206	10648	190098
1960	1862	3188	1243	6293	182012	21316	37385	240713	124603	124908	139944	20532	24129	434116
1961	820	66200	3352	70372	102469	26495	33181	162145	117460	104087	171623	18221	13197	424588
1962	2984	106632	1364	110980	30862	21492	88680	141034	185025	259045	347036	23002	21176	835284
1963	4186	139902	1	144089	28199	26526	61966	116691	161597	214813	318953	25102	22291	742756
1964	13615	569576	212723	795914	92619	38023	113043	243685	223760	294100	347861	34094	34953	934768
1965	10017	75929	92744	178690	40705	7717	53282	101704	162100	58578	49028	9187	9450	288343
1966	21172	132354	56440	209966	72747	37265	139331	249343	245544	289562	199779	16889	8372	760146
1967	24266	391672	39664	455602	115108	26531	24830	166469	72418	84423	90187	19509	16693	283230
1968	24380	570032	65575	659987	236260	44881	133814	414955	353700	373304	281936	41301	50050	1100291
1969	36125	50636	71863	158624	66860	16573	22739	106172	59878	195320	98006	39209	26169	418582
1970	32830	363650	191939	588419	184173	33324	79283	296780	276521	806422	356960	104646	50327	1594876
1971	36421	302139	82154	420714	68469	38756	32075	139300	66741	294620	60822	16740	8742	447665
1972	49324	281488	121577	452389	352193	119329	114221	585743	473685	635189	233774	27570	33781	1403999
1973	53450	430597	64952	548999	240261	89002	25330	354593	163091	1272530	251573	46807	43350	1777351
1974	19620	149957	66211	235788	215094	60908	16987	292989	166659	552020	198966	41956	13824	973425
1975	11355	1943	42485	55783	23971	22641	11973	58585	16874	163024	134748	8440	5604	328690
1976	2565	47715	2851	53131	26236	13878	13435	53549	13942	149316	334007	21077	3668	522010
1977	5171	170821	18715	194707	285675	66539	32367	384581	55439	76918	79927	42822	13863	268969
1978	5923	115239	10936	132098	149515	61462	39931	250908	225335	334882	126195	56878	38616	781906
1979	6184	0	10732	16916	62698	54503	15218	132419	89041	216124	210702	9596	5729	531192
1980	10642	118010	54095	182747	301693	70670	39880	412243	197790	399594	336500	10644	19667	964195
1981	16682	29251	6098	52031	43908	42962	9016	95886	96451	205052	303752	7371	11201	623827
1982	12451	36774	50331	99556	70905	62570	20380	153855	142653	256155	182494	11576	20681	613559
1983	2635	0	6425	9060	183423	24366	20004	227793	82880	22853	331487	4966	5423	447609
1984	6277	280810	97557	384644	317339	127271	28076	472686	31768	220990	70878	11755	4174	339565
1985	55241	646298	57509	759048	126471	111436	14877	252784	167609	249593	536957	19907	22187	996253
1986	107096	201065	27772	335933	193904	46668	30693	271265	166058	369516	1476354	175964	9364	2197256

DATA SOURCE: Chum catch data is from B.C. Catch Statistics Publications, 1950-1984.
 1985 catch data is based on preliminary saleslips dated Dec.3, 1985.
 1986 catch data is based on hail information.

Figure II.5. Alaska Department of Fish and Game Statistical Areas.

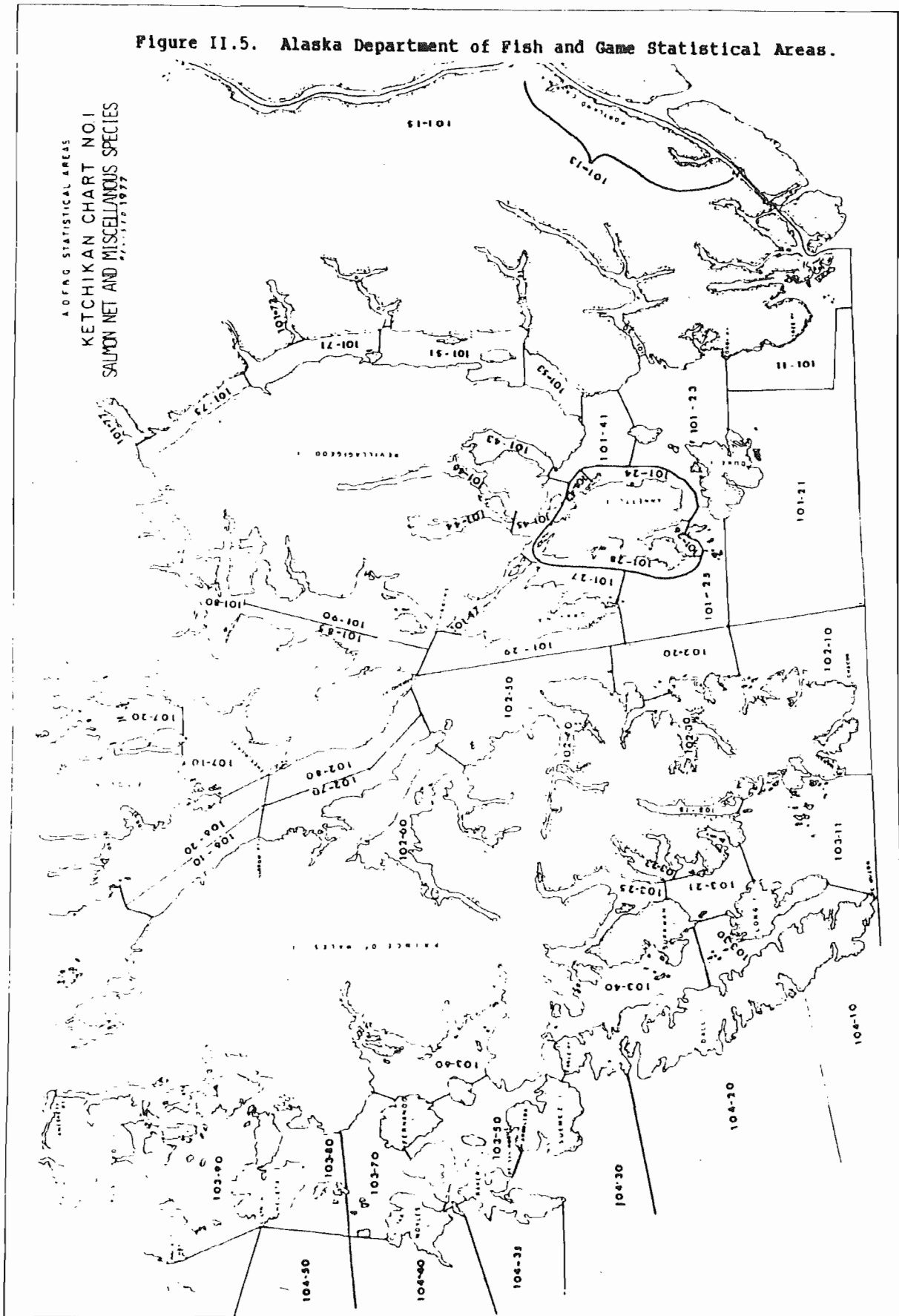


Table II.44. S.S.E. Alaska chum catch data, 1960-1986.

TOTAL COMMERCIAL CATCH OF CHUM SALMON IN DRIFT GILLNET FISHERY, 1960-1986.

LOCATION	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
PORTLAND CANAL (101-13,15)	47471	19749	16366	3664	2492	1510	36	7736	2556	204	10178
TREE POINT (101-11)	51500	15886	20212	37978	76664	20243	32782	21281	90785	20400	38773
LOCATION	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
PORTLAND CANAL (101-13,15)	109	-	1779	2471	-	-	-	1461	341	-	1232
TREE POINT (101-11)	67988	31087	154988	107526	81770	30341	36262	82860	116390	60564	76978
LOCATION	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE	TOTAL		
PORTLAND CANAL (101-13,15)	4375	-	-	1818	2773	-	-	2989	8966		
TREE POINT (101-11)	150743	38337	84559	137895	224885	233917	268240	162654	1138576		

NOTE: A hyphen indicates no fishery, averages based only on years when fisheries occurred.

Table II.45 S.S.E. Alaska chum catch, 1960-1986.

SOUTHEAST ALASKA SALMON FISHERIES, 1960 - 1986 TOTAL COMMERCIAL CATCH OF CHUM SALMON IN PURSE SEINE FISHERY

LOCATION	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
BOCA DE QUADRA (101-30)	40222	1665	10397	8198	4804	18	479	76	27472	0	9333
EAST BEHM CANAL (101-51, 53, 55)	10367	759	18072	165	15492	12	3024	7	50690	0	9859
WEST BEHM CANAL (101-80, 90, 95)	2335	0	42	229	1560	0	3246	0	5654	0	1307
GRAVINA ISLAND (101-29, 27)	12011	38818	58590	9521	82121	442	25126	404	135986	808	36383
LOWER REVILLA CHANNEL (101-41, 23)	6306	1626	11777	4970	11109	159	6877	60	44922	60	8787
LOWER CLARENCE (101-21, 25)	8767	6180	17067	377	20944	41	5755	48	11388	308	7088
ANNETTE ISLAND (101-24, 26, 28, 42)	0	0	0	78	704	2	243	2	1049	0	208
UPPER REVILLA CHANNEL (101-43, 44, 45, 46, 47)	3673	7227	13974	1858	13215	25	1933	43	25444	0	6739
TOTAL	83681	56275	129919	25396	149949	699	46683	640	302605	1176	
LOCATION	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
BOCA DE QUADRA (101-30)	1427	519	7941	0	0	0	0	0	0	0	989
EAST BEHM CANAL (101-51, 53, 55)	4652	98	3392	0	1782	7436	345	2198	479	0	2038
WEST BEHM CANAL (101-80, 90, 95)	2499	0	2540	0	892	0	0	2470	1456	1356	1121
GRAVINA ISLAND (101-29, 27)	39601	31916	109554	19165	78266	0	8051	5495	32069	7161	33128
LOWER REVILLA CHANNEL (101-41, 23)	23878	3582	52101	309	10539	2650	5349	26457	45034	0	16990
LOWER CLARENCE (101-21, 25)	5662	15741	6951	451	5261	0	5309	2123	9036	97	5063
ANNETTE ISLAND (101-24, 26, 28, 42)	0	0	772	0	0	198	972	3665	7899	3511	1702
UPPER REVILLA CHANNEL (101-43, 44, 45, 46, 47)	5178	5679	18446	829	9733	239	998	1578	10408	0	5309
TOTAL	82897	57535	201697	20754	106473	10523	21024	43986	106381	12125	

Table II.45 continued

LOCATION	1980	1981	1982	1983	1984	1985	1986	SEVEN YEAR AVERAGE	TOTAL
BOCA DE QUADRA (101-30)	1501	925	0	270	0	444	5007	1164	112529
EAST BEHM CANAL (101-51,53,55)	1640	0	850	0	7057	2518	5507	2510	139052
WEST BEHM CANAL (101-80,90,95)	4415	0	6593	0	105954	92466	34999	34918	303624
GRAVINA ISLAND (101-29,27)	38836	11363	11161	14574	118129	77464	56654	46883	1070169
LOWER REVILLA CHANNEL (101-41,23)	108573	11672	70250	20273	157317	75351	157098	85791	944090
LOWER CLARENCE (101-21,25)	16189	391	15229	5766	16025	18568	14646	12402	220722
ANNETTE ISLAND (101-24,26,28,42)	17272	4735	13670	5017	27046	9128	13026	12842	121831
UPPER REVILLA CHANNEL (101-43,44,45,46,47)	7262	3906	2095	0	355	72048	26384	16007	248537
TOTAL	195688	32992	119848	45900	431883	347987	313321		3160554

NOTE: A zero indicates no catch, averages based on all years including years of no catch.

Table II.46 Southeast Alaska Salmon Fisheries, 1960-1986

TOTAL COMMERCIAL CATCH OF CHUM SALMON IN DISTRICT 104 SEINE FISHERY

LOCATION	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	TEN YEAR AVERAGE
DISTRICT 104	117,551	79,000	65,809	99,567	214,818	45,783	100,268	36,040	139,821	16,186	91484
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	TEN YEAR AVERAGE
	17,043	53,817	133,391	57,507	74,801	7,646	31,437	48,703	78,749	88,562	59166
	1980	1981	1982	1983	1984	1985	1986				SEVEN YEAR AVERAGE
	178,053	69,091	346,452	169,784	203,569	217,161	437,699				231,687

Table II.47. Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10111 driftnet fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
18	Apr. 30	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	270	220	1385	0	0	0	0	0	0
25	Jun. 18	289	1562	323	2644	2578	1602	0	1188	1850	922
26	Jun. 25	921	1693	736	7950	4107	2095	1547	4161	9294	2297
27	Jul. 2	5165	2460	2943	5307	13166	2099	5196	3403	13947	4979
28	Jul. 9	8216	1542	4446	3709	10450	2166	3922	3491	15134	2557
29	Jul. 16	8773	1521	2008	2782	13471	1337	3776	2299	12779	4279
30	Jul. 23	5112	804	2033	2685	6009	1120	4543	2041	9562	2080
31	Jul. 30	10037	1454	1682	2248	6404	363	3520	2074	9057	1499
32	Aug. 6	5616	1376	2022	1246	7258	863	3680	1660	8255	729
33	Aug. 13	3451	1566	0	1533	5622	1102	2588	964	5772	1058
34	Aug. 20	2416	1051	847	2113	4310	2368	1860	0	3343	0
35	Aug. 27	103	587	623	1622	1235	1673	873	0	986	0
36	Sep. 3	504	0	1139	1439	1129	2352	960	0	624	0
37	Sep. 10	411	0	1190	1315	544	855	317	0	182	0
38	Sep. 17	486	0	0	0	381	248	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		51500	15886	20212	37978	76564	20243	32782	21281	90785	20400

NOTE: Zeros indicate no catch as well as no fishery.

Table II.48 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10111 driftnet fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
18	Apr. 30	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	2221	981	0	6465	3206	1937	0	0	15427	8305
26	Jun. 25	3537	2617	8072	10280	4938	3330	3459	13017	28040	8459
27	Jul. 2	4275	4677	9821	15298	6097	3227	3121	17032	15580	16021
28	Jul. 9	8278	5077	12118	16133	0	2305	2917	12967	12932	13169
29	Jul. 16	6045	8223	16983	13142	7340	4043	6580	11696	5542	5646
30	Jul. 23	6353	3581	28388	9833	7143	0	8689	3777	13680	4587
31	Jul. 30	6901	745	19503	5925	3884	0	0	4071	5237	2570
32	Aug. 6	4405	0	11056	10635	9178	2633	111	2625	8123	1807
33	Aug. 13	8929	0	8874	7075	8220	2073	0	4254	4223	0
34	Aug. 20	8062	1783	15863	2455	13356	4889	1818	3622	3103	0
35	Aug. 27	4818	1571	7308	4116	10394	5844	4593	4053	1557	0
36	Sep. 3	3160	1832	6884	4718	4165	0	4470	4124	1144	0
37	Sep. 10	975	0	4421	1299	3264	0	430	1304	675	0
38	Sep. 17	0	0	5429	152	255	0	52	278	1127	0
39	Sep. 24	29	0	268	0	330	0	22	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		67988	31087	154988	107526	81770	30341	36262	82860	116390	60564

Table II.49 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10111 driftnet fishery.

Stat Week	Average	1980	1981	1982	1983	1984	1985	1986
	Midweek Date							
18	Apr. 30	0	0	0	0	0	45	0
19	May 7	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0
23	Jun. 4	156	0	0	0	0	0	0
24	Jun. 11	395	0	0	0	0	0	0
25	Jun. 18	3369	1446	0	0	9507	4876	5485
26	Jun. 25	12141	3771	3398	12624	15308	15842	9376
27	Jul. 2	14814	5958	3075	16238	20585	11242	15812
28	Jul. 9	28057	6191	3816	5444	22453	6894	23861
29	Jul. 16	27263	2197	7962	11831	39360	19917	46765
30	Jul. 23	9647	1773	13806	17369	29922	48365	43675
31	Jul. 30	3443	1142	7155	8769	17115	23536	27859
32	Aug. 6	14876	4077	10659	13747	14145	20408	14928
33	Aug. 13	11992	2498	6142	7634	11935	22665	15364
34	Aug. 20	17015	4321	5992	9967	9480	15952	13045
35	Aug. 27	5350	2757	9057	9397	12379	12108	14955
36	Sep. 3	1311	1122	7251	7150	5212	16008	19939
37	Sep. 10	222	994	5006	9982	7302	6900	9477
38	Sep. 17	692	90	1240	5359	10182	9159	7699
39	Sep. 24	0	0	0	2384	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		150743	38337	84559	137895	224885	233917	268240

Table II.50 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10111 driftnet fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff. var.
18	Apr. 30	1.7	1.7	100.00
19	May 7	.0	.0	.00
20	May 14	.0	.0	.00
21	May 21	.0	.0	.00
22	May 28	.0	.0	.00
23	Jun. 4	5.8	5.8	100.00
24	Jun. 11	84.1	53.4	63.56
25	Jun. 18	2823.8	691.7	24.49
26	Jun. 25	7148.5	1188.1	16.62
27	Jul. 2	8945.9	1126.0	12.59
28	Jul. 9	8823.9	1408.7	15.96
29	Jul. 16	0872.6	2150.4	19.78
30	Jul. 23	0614.0	2443.0	23.02
31	Jul. 30	6525.7	1410.5	21.61
32	Aug. 6	6522.9	1087.8	16.68
33	Aug. 13	5391.6	1041.6	19.32
34	Aug. 20	5519.7	1027.0	18.61
35	Aug. 27	4368.9	845.9	19.36
36	Sep. 3	3579.1	918.4	25.66
37	Sep. 10	2113.5	579.2	27.41
38	Sep. 17	1586.3	585.9	36.94
39	Sep. 24	112.3	88.7	78.97
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00

Total

Table II.51 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10113 driftnet fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
18	Apr. 30	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0
22	May 28	0	25	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	30	24	0	0	0	0	0	0	0
25	Jun. 18	0	173	31	0	240	0	0	0	0	0
26	Jun. 25	29	670	149	458	0	0	0	105	0	0
27	Jul. 2	574	1197	325	499	0	509	0	1776	0	0
28	Jul. 9	2279	2089	1331	842	0	428	0	5342	0	0
29	Jul. 16	2768	2481	2410	481	0	497	0	0	0	0
30	Jul. 23	8668	2591	3342	828	1104	0	0	0	1113	29
31	Jul. 30	3689	1618	2735	366	0	0	0	45	1156	0
32	Aug. 6	7100	1096	950	8	0	0	34	82	138	0
33	Aug. 13	945	992	568	0	1023	0	0	0	21	175
34	Aug. 20	3628	1312	94	0	0	0	0	0	0	0
35	Aug. 27	1480	80	60	0	0	0	0	0	0	0
36	Sep. 3	1783	0	14	0	0	0	0	0	0	0
37	Sep. 10	774	0	21	0	0	0	0	0	0	0
38	Sep. 17	492	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		34209	14354	12054	3482	2367	1434	34	7350	2428	204

Table II.52 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10113 driftnet fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
18	Apr. 30	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	63	0	0	0	0	0	0	0	338	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	31	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	1766	0	0	0	1098	0	0
30	Jul. 23	21	0	0	619	0	0	0	66	0	0
31	Jul. 30	0	0	169	0	0	0	0	145	0	0
32	Aug. 6	17	0	258	0	0	0	0	0	0	0
33	Aug. 13	8	0	0	0	0	0	0	121	0	0
34	Aug. 20	0	0	1352	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	3	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		109	0	1779	2385	0	0	0	1461	341	0

Table II.53 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10113 driftnet fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
18	Apr. 30	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	301	0	0
28	Jul. 9	3020	0	0	1721	2472	0	0
29	Jul. 16	1355	0	0	97	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		4375	0	0	1818	2773	0	0

Table II.54 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10113 driftnet fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
18	Apr. 30	.0	.0	.00
19	May 7	.0	.0	.00
20	May 14	.0	.0	.00
21	May 21	.0	.0	.00
22	May 28	1.4	1.4	100.00
23	Jun. 4	.0	.0	.00
24	Jun. 11	3.0	2.1	69.07
25	Jun. 18	46.9	23.4	49.77
26	Jun. 25	78.4	43.6	55.64
27	Jul. 2	289.6	115.9	40.04
28	Jul. 9	1084.7	351.3	32.39
29	Jul. 16	719.6	235.4	32.71
30	Jul. 23	1021.2	504.2	49.37
31	Jul. 30	551.3	254.1	46.09
32	Aug. 6	537.9	393.6	73.16
33	Aug. 13	214.1	89.8	41.95
34	Aug. 20	354.8	217.3	61.26
35	Aug. 27	90.0	81.9	91.05
36	Sep. 3	99.8	99.0	99.18
37	Sep. 10	44.2	42.9	97.24
38	Sep. 17	27.5	27.3	99.36
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.55 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10115 driftnet fishery.

Stat Week	Average	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	Midweek Date										
18	Apr. 30	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0
22	May 28	0	11	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	13	0	0	0	0	0
26	Jun. 25	0	206	29	24	0	0	0	6	0	0
27	Jul. 2	211	396	0	26	0	27	0	93	0	0
28	Jul. 9	883	822	364	44	0	23	0	281	0	0
29	Jul. 16	884	991	937	25	0	26	0	0	0	0
30	Jul. 23	3546	1072	1335	44	58	0	0	0	59	0
31	Jul. 30	1206	624	1092	19	0	0	0	2	61	0
32	Aug. 6	2868	404	311	0	0	0	2	4	7	0
33	Aug. 13	264	350	244	0	54	0	0	0	1	0
34	Aug. 20	1477	512	0	0	0	0	0	0	0	0
35	Aug. 27	629	7	0	0	0	0	0	0	0	0
36	Sep. 3	753	0	0	0	0	0	0	0	0	0
37	Sep. 10	330	0	0	0	0	0	0	0	0	0
38	Sep. 17	211	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		13262	5395	4312	182	125	76	2	386	128	0

Table II.56 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10115 driftnet fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
18	Apr. 30	0	0	0	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	86	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	86	0	0	0	0	0	0

Table II.57 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10115 driftnet fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
18	Apr. 30	0	0	0	0	0	0	0
19	May 7	0	0	0	0	0	0	0
20	May 14	0	0	0	0	0	0	0
21	May 21	0	0	0	0	0	0	0
22	May 28	0	0	0	0	0	0	0
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0

Table II.58 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10115 driftnet fishery.

Stat Week	Average		Std.dev	Coeff.var.
	Midweek Date	Mean		
18	Apr. 30	.0	.0	.00
19	May 7	.0	.0	.00
20	May 14	.0	.0	.00
21	May 21	.0	.0	.00
22	May 28	1.1	1.1	100.00
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	1.3	1.3	100.00
26	Jun. 25	26.5	20.2	76.37
27	Jul. 2	75.3	41.5	55.06
28	Jul. 9	241.7	109.8	45.43
29	Jul. 16	294.9	140.7	47.70
30	Jul. 23	611.4	361.7	59.16
31	Jul. 30	300.4	154.1	51.31
32	Aug. 6	359.6	282.7	78.61
33	Aug. 13	91.3	43.6	47.78
34	Aug. 20	198.9	150.9	75.84
35	Aug. 27	63.6	62.8	98.78
36	Sep. 3	75.3	75.3	100.00
37	Sep. 10	33.0	33.0	100.00
38	Sep. 17	21.1	21.1	100.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.59 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10121 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	32	0
29	Jul. 16	0	0	24	0	0	0	0	0	12	0
30	Jul. 23	1	0	61	0	0	0	0	0	53	0
31	Jul. 30	0	0	67	0	0	0	400	0	0	0
32	Aug. 6	0	38	147	0	0	0	129	0	0	0
33	Aug. 13	0	48	223	0	0	0	58	0	0	0
34	Aug. 20	1	117	414	0	0	0	0	0	9	0
35	Aug. 27	365	824	814	0	0	0	0	0	0	0
36	Sep. 3	223	0	1127	0	0	0	33	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		590	1027	2877	0	0	0	620	0	105	0

Table II.60 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10121 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	9	0	86	0	0	0	0	0	610	0
30	Jul. 23	34	0	17	0	0	0	0	0	1288	0
31	Jul. 30	0	0	0	0	0	0	0	0	86	0
32	Aug. 6	0	0	0	0	0	0	0	0	145	0
33	Aug. 13	190	0	58	0	0	0	0	0	20	0
34	Aug. 20	0	0	0	0	0	0	0	0	225	0
35	Aug. 27	86	0	0	0	0	0	0	0	3	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	319	0	161	0	0	0	0	0	2377	0

Table II.61 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10121 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	100	0	0	0	542
29	Jul. 16	0	0	541	86	430	156	65
30	Jul. 23	375	0	228	0	0	0	110
31	Jul. 30	0	0	0	14	121	1159	1105
32	Aug. 6	0	0	321	12	569	125	93
33	Aug. 13	50	0	174	0	0	0	0
34	Aug. 20	491	0	0	252	0	0	361
35	Aug. 27	424	0	36	268	0	3714	0
36	Sep. 3	0	0	415	0	0	0	1275
37	Sep. 10	0	0	1196	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		1340	0	3011	632	1120	5154	3551

Table II.62 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chin salmon
 in subarea 10121 purse seine fishery.

Stat	Average			
Week	Midweek	Mean	Std.dev	Coeff.var.
	Date			
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	48.1	38.7	80.35
29	Jul. 16	144.2	57.5	39.90
30	Jul. 23	154.8	91.9	59.36
31	Jul. 30	210.9	108.1	51.29
32	Aug. 6	112.8	42.8	37.97
33	Aug. 13	58.6	21.0	35.73
34	Aug. 20	133.6	48.1	36.00
35	Aug. 27	466.7	261.9	56.11
36	Sep. 3	219.5	115.9	52.80
37	Sep. 10	85.4	85.4	100.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.63 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10123 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	2215	0
28	Jul. 9	0	0	274	0	0	0	0	0	93	0
29	Jul. 16	0	0	436	0	726	0	1359	0	562	0
30	Jul. 23	265	0	736	0	77	9	396	0	81	0
31	Jul. 30	2	0	576	150	199	0	0	0	1868	0
32	Aug. 6	160	108	1031	0	180	48	32	0	3338	0
33	Aug. 13	292	70	797	242	0	3	0	0	3980	0
34	Aug. 20	1062	117	414	1293	0	0	0	0	1725	0
35	Aug. 27	839	824	814	1843	348	0	695	0	2203	0
36	Sep. 3	223	0	1127	0	976	0	219	0	2323	0
37	Sep. 10	0	0	0	0	0	0	162	0	2247	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		2843	1119	6205	3528	2506	60	2863	0	20635	0

Table II.64 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10123 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	1362	0	242	0	0	0	0	0	1414	0
29	Jul. 16	869	0	1688	0	0	0	0	0	3551	0
30	Jul. 23	1476	0	1698	28	33	0	0	841	615	0
31	Jul. 30	809	0	4981	0	0	0	0	2871	1554	0
32	Aug. 6	407	0	1036	0	199	0	0	260	2655	0
33	Aug. 13	655	0	794	0	0	0	0	673	1763	0
34	Aug. 20	3919	0	7217	0	0	0	0	592	695	0
35	Aug. 27	4709	1309	3971	0	0	2065	814	0	2250	0
36	Sep. 3	2050	119	7071	0	0	0	835	840	464	0
37	Sep. 10	0	82	9241	0	0	0	386	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		16256	1510	37939	28	232	2065	2035	6077	14961	0

Table II.65 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10123 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun.11	0	0	0	0	0	0	0
25	Jun.18	0	0	0	0	0	0	0
26	Jun.25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	1637	0	1562	0	5865
29	Jul.16	0	0	2821	992	8783	321	5021
30	Jul.23	5442	0	2401	1266	9502	1610	4591
31	Jul.30	1281	503	868	988	14838	3746	5465
32	Aug. 6	4612	1814	1575	1441	11758	6204	3685
33	Aug.13	4286	741	2003	552	9188	2153	7242
34	Aug.20	9267	248	1365	606	3805	2669	10478
35	Aug.27	6524	0	3172	425	5134	1268	12225
36	Sep. 3	643	0	7340	195	0	0	15473
37	Sep.10	0	46	3636	0	0	0	0
38	Sep.17	0	0	0	0	0	0	0
39	Sep.24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct.15	0	0	0	0	0	0	0
43	Oct.22	0	0	0	0	0	0	0
44	Oct.29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		32055	3352	26818	6465	64570	17971	70045

Table II.66

Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10123 purse seine fishery.

Stat Week	Average			
	Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	92.3	92.3	100.00
28	Jul. 9	518.7	259.1	49.95
29	Jul. 16	1130.4	425.3	37.62
30	Jul. 23	1294.5	461.7	35.67
31	Jul. 30	1695.8	657.6	38.78
32	Aug. 6	1689.3	557.6	33.01
33	Aug. 13	1476.4	492.1	33.33
34	Aug. 20	1894.7	613.3	32.37
35	Aug. 27	2143.0	571.9	26.69
36	Sep. 3	1662.4	726.0	43.67
37	Sep. 10	658.3	411.4	62.50
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.67 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10124 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	34	0
28	Jul. 9	0	0	0	0	0	0	0	0	104	0
29	Jul. 16	0	0	0	0	23	0	30	0	93	0
30	Jul. 23	0	0	0	0	16	0	14	1	15	0
31	Jul. 30	0	0	0	3	9	0	8	0	34	0
32	Aug. 6	0	0	0	0	10	0	3	0	45	0
33	Aug. 13	0	0	0	2	11	1	0	0	50	0
34	Aug. 20	0	0	0	22	2	0	0	0	39	0
35	Aug. 27	0	0	0	27	10	0	14	0	48	0
36	Sep. 3	0	0	0	0	54	0	7	0	27	0
37	Sep. 10	0	0	0	0	0	0	2	0	23	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	54	135	1	78	1	512	0

Table II.68 Southeast Alaska salmon fisheries.

Weekly commercial catch of chin salmon
in subarea 10124 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	124	0
29	Jul. 16	0	0	0	0	0	0	0	0	251	0
30	Jul. 23	0	0	7	0	0	0	0	153	481	0
31	Jul. 30	0	0	0	0	0	0	0	27	99	0
32	Aug. 6	0	0	0	0	0	0	0	380	128	87
33	Aug. 13	0	0	0	0	0	0	0	9	798	670
34	Aug. 20	0	0	0	0	0	0	0	9	1681	236
35	Aug. 27	0	0	0	0	0	0	0	385	1090	0
36	Sep. 3	0	0	0	0	0	0	87	825	760	0
37	Sep. 10	0	0	0	0	0	0	10	0	0	2315
38	Sep. 17	0	0	0	0	0	0	0	765	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	0	0	7	0	0	0	97	2553	5412	3308

Table II.69 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chinook salmon
 in subarea 10124 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	58	0	0
29	Jul. 16	0	0	74	0	21	0	0
30	Jul. 23	183	0	68	17	0	0	0
31	Jul. 30	0	99	27	68	195	58	40
32	Aug. 6	1205	74	0	95	1193	140	290
33	Aug. 13	508	70	1	241	799	181	485
34	Aug. 20	728	278	49	618	999	131	552
35	Aug. 27	2916	1291	428	1402	1213	1353	154
36	Sep. 3	2941	344	4915	803	3526	539	299
37	Sep. 10	0	0	0	0	0	320	0
38	Sep. 17	1553	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		10034	2156	5562	3244	8004	2722	1820

Table II.70 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chin salmon
 in subarea 10124 purse seine fishery.

Stat Week	Average			
	Midweek Date	Mean	Std.dev	Coeff. var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	1.9	1.9	100.00
28	Jul. 9	15.9	9.0	56.90
29	Jul. 16	27.3	14.6	53.55
30	Jul. 23	53.1	28.2	53.14
31	Jul. 30	37.1	12.2	32.82
32	Aug. 6	202.8	89.0	43.89
33	Aug. 13	212.6	70.1	32.97
34	Aug. 20	296.9	108.6	36.58
35	Aug. 27	573.9	190.1	33.12
36	Sep. 3	840.4	337.9	40.21
37	Sep. 10	148.3	128.7	86.74
38	Sep. 17	128.8	93.9	72.92
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.71 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10125 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	325	0
28	Jul. 9	0	0	0	0	0	0	0	0	410	0
29	Jul. 16	0	0	111	0	1143	0	0	0	1855	0
30	Jul. 23	6	46	359	0	6513	0	699	0	25	0
31	Jul. 30	1058	191	359	19	3054	12	659	0	548	47
32	Aug. 6	484	304	760	25	1556	15	1596	48	105	35
33	Aug. 13	360	225	1355	0	130	14	81	0	161	226
34	Aug. 20	616	544	2151	230	1116	0	55	0	1125	0
35	Aug. 27	2895	3843	3837	103	446	0	202	0	4106	0
36	Sep. 3	2758	0	5258	0	6986	0	1843	0	2523	0
37	Sep. 10	0	0	0	0	0	0	0	0	99	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		8177	5153	14190	377	20944	41	5135	48	11282	308

Table II.72 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10125 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	140	0	0	0	0	0	1564	0
29	Jul. 16	38	0	181	0	475	0	0	0	337	0
30	Jul. 23	69	0	251	89	93	0	0	0	503	0
31	Jul. 30	324	0	864	0	289	0	0	840	670	0
32	Aug. 6	110	0	589	358	155	0	0	10	510	97
33	Aug. 13	228	0	59	4	7	0	0	385	664	0
34	Aug. 20	401	925	377	0	2495	0	0	0	1026	0
35	Aug. 27	1490	2996	2732	0	1459	0	2327	132	1000	0
36	Sep. 3	2683	5281	1357	0	288	0	457	756	385	0
37	Sep. 10	0	2863	240	0	0	0	919	0	0	0
38	Sep. 17	0	3676	0	0	0	0	1606	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		5343	15741	6790	451	5261	0	5309	2123	6659	97

Table II.73 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10125 purse seine fishery.

Stat Week	Average Midweek Date	Average						
		1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	32	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	844	689	2063	1483	0
30	Jul. 23	2057	0	582	357	643	1244	875
31	Jul. 30	1281	0	71	554	967	769	1873
32	Aug. 6	1816	203	428	405	3910	2180	1466
33	Aug. 13	1063	0	1022	436	3367	459	1471
34	Aug. 20	3822	0	1346	689	2054	2802	1068
35	Aug. 27	2033	0	1310	1322	1869	977	1451
36	Sep. 3	2777	188	6615	682	0	3500	2891
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		14849	391	12218	5134	14905	13414	11095

Table II.74 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10125 purse seine fishery.

Stat Week	Average	Mean	Std.dev	Coeff.var.
	Midweek Date			
23	Jun. 4	1.2	1.2	100.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	12.5	12.5	100.00
28	Jul. 9	81.3	61.5	75.69
29	Jul. 16	354.6	120.9	34.11
30	Jul. 23	554.3	256.6	46.30
31	Jul. 30	535.7	138.1	24.85
32	Aug. 6	660.2	180.7	27.36
33	Aug. 13	450.7	144.4	32.05
34	Aug. 20	878.5	201.3	22.91
35	Aug. 27	1405.0	263.2	18.73
36	Sep. 3	1816.5	427.1	23.51
37	Sep. 10	158.5	114.1	71.96
38	Sep. 17	203.2	152.0	74.82
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.75 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10126 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	3	0
28	Jul. 9	0	0	0	0	0	0	0	0	4	0
29	Jul. 16	0	0	0	0	12	0	0	0	19	0
30	Jul. 23	0	0	0	0	66	0	7	0	0	0
31	Jul. 30	0	0	0	0	31	0	7	0	6	0
32	Aug. 6	0	0	0	0	16	0	16	0	1	0
33	Aug. 13	0	0	0	0	1	0	1	0	2	0
34	Aug. 20	0	0	0	2	11	0	1	0	11	0
35	Aug. 27	0	0	0	1	5	0	2	0	42	0
36	Sep. 3	0	0	0	0	71	0	19	0	26	0
37	Sep. 10	0	0	0	0	0	0	0	0	1	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	3	213	0	53	0	115	0

Table II.76 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10126 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	186	42	0
32	Aug. 6	0	0	0	0	0	0	0	141	0	0
33	Aug. 13	0	0	0	0	0	0	0	222	0	0
34	Aug. 20	0	0	0	0	0	0	0	10	114	0
35	Aug. 27	0	0	0	0	0	0	0	61	6	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	620	162	0

Table II.77 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10126 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	63	147	0
30	Jul. 23	108	0	4	58	461	3	0
31	Jul. 30	0	29	160	66	143	6	149
32	Aug. 6	169	6	270	18	239	199	18
33	Aug. 13	633	219	10	11	330	77	270
34	Aug. 20	1553	10	9	38	40	189	647
35	Aug. 27	275	226	4	161	301	650	1032
36	Sep. 3	0	569	457	0	3851	20	1009
37	Sep. 10	0	0	0	0	2003	1925	328
38	Sep. 17	0	0	0	0	0	87	1699
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		2738	1059	914	352	7471	3303	5212

Table II.78 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10126 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun.11	.0	.0	.00
25	Jun.18	.0	.0	.00
26	Jun.25	.0	.0	.00
27	Jul. 2	.2	.2	100.00
28	Jul. 9	.3	.3	100.00
29	Jul.16	18.5	11.8	63.50
30	Jul.23	54.4	35.2	64.76
31	Jul.30	63.5	19.4	30.52
32	Aug. 6	84.1	28.6	33.98
33	Aug.13	136.6	53.3	39.02
34	Aug.20	202.7	122.7	60.53
35	Aug.27	217.4	89.5	41.17
36	Sep. 3	466.3	298.2	63.95
37	Sep.10	327.5	203.0	62.00
38	Sep.17	137.4	130.3	94.85
39	Sep.24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct.15	.0	.0	.00
43	Oct.22	.0	.0	.00
44	Oct.29	.0	.0	.00
45	Nov. 5	.0	.0	.00

Total

Table II.79 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10127 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	85	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	84	0	178	0
30	Jul. 23	4	70	109	0	18	0	31	0	0	0
31	Jul. 30	1587	286	67	0	0	0	0	0	0	0
32	Aug. 6	726	191	113	0	0	0	0	0	0	0
33	Aug. 13	539	0	474	0	0	0	0	0	23	0
34	Aug. 20	915	0	331	0	0	0	0	0	34	0
35	Aug. 27	1785	0	55	0	1424	0	122	0	48	0
36	Sep. 3	2576	0	0	0	2001	0	770	0	22	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		8132	547	1149	0	3443	0	1007	0	390	0

Table II.80 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10127 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	74	0
29	Jul. 16	0	0	0	0	99	0	0	0	206	0
30	Jul. 23	0	0	151	0	208	0	0	0	73	0
31	Jul. 30	0	0	178	0	76	0	0	0	113	0
32	Aug. 6	0	0	0	27	67	0	0	36	5	0
33	Aug. 13	0	0	0	67	219	0	0	0	0	0
34	Aug. 20	0	0	75	0	562	0	0	0	45	0
35	Aug. 27	508	0	19	0	4110	0	0	0	43	0
36	Sep. 3	395	0	0	0	1193	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		903	0	423	94	6534	0	0	36	559	0

Table II.81 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10127 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	40	0	0	0	869	0	0
33	Aug. 13	825	0	92	31	116	0	0
34	Aug. 20	187	0	32	0	0	0	0
35	Aug. 27	0	0	1	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		1052	0	125	31	985	0	0

Table II.82 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10127 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	5.3	5.3	100.00
28	Jul. 9	4.6	4.6	100.00
29	Jul. 16	35.4	17.2	48.50
30	Jul. 23	41.5	16.1	38.70
31	Jul. 30	144.2	98.4	68.22
32	Aug. 6	129.6	66.8	51.53
33	Aug. 13	149.1	61.8	41.42
34	Aug. 20	136.3	64.9	47.59
35	Aug. 27	507.2	275.9	54.40
36	Sep. 3	434.8	201.9	46.44
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.83 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10128 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	4	0
28	Jul. 9	0	0	0	0	0	0	0	0	4	0
29	Jul. 16	0	0	0	0	12	0	1	0	21	0
30	Jul. 23	0	0	0	0	66	0	7	0	0	0
31	Jul. 30	0	0	0	0	31	0	7	0	6	0
32	Aug. 6	0	0	0	0	16	0	16	0	1	0
33	Aug. 13	0	0	0	0	1	0	1	0	2	0
34	Aug. 20	0	0	0	2	11	0	1	0	11	0
35	Aug. 27	0	0	0	1	19	0	3	0	42	0
36	Sep. 3	0	0	0	0	91	0	27	0	26	0
37	Sep. 10	0	0	0	0	0	0	0	0	1	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	3	247	0	63	0	118	0

Table II.84 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10128 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	164	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	83	0
31	Jul. 30	0	0	0	0	0	0	0	62	87	0
32	Aug. 6	0	0	0	0	0	0	0	49	150	0
33	Aug. 13	0	0	0	0	0	0	0	1	116	0
34	Aug. 20	0	0	0	0	0	0	0	39	354	16
35	Aug. 27	0	0	0	0	0	0	0	0	8	0
36	Sep. 3	0	0	0	0	0	0	0	81	0	0
37	Sep. 10	0	0	0	0	0	0	0	260	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	492	962	16

Table II.85 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10128 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	34	0
29	Jul. 16	0	0	7	0	83	60	298
30	Jul. 23	0	0	36	10	0	14	306
31	Jul. 30	0	40	13	178	169	0	232
32	Aug. 6	0	82	0	49	263	0	542
33	Aug. 13	0	27	13	0	230	7	536
34	Aug. 20	89	13	119	0	315	97	210
35	Aug. 27	0	0	132	0	2188	302	437
36	Sep. 3	1049	0	107	107	0	263	1026
37	Sep. 10	0	0	0	0	5782	814	0
38	Sep. 17	0	0	0	0	0	133	0
39	Sep. 24	1183	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		2321	162	427	344	9030	1724	3587

Table II.86 . Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10128 purse seine fishery.

Stat Week	Average		Mean	Std.dev	Coeff.var.
	Midweek Date				
23	Jun. 4		.0	.0	.00
24	Jun.11		.0	.0	.00
25	Jun.18		.0	.0	.00
26	Jun.25		.0	.0	.00
27	Jul. 2		.3	.3	100.00
28	Jul. 9		14.4	11.8	81.48
29	Jul.16		34.4	21.4	62.15
30	Jul.23		37.3	21.9	58.66
31	Jul.30		58.9	20.9	35.51
32	Aug. 6		83.4	40.6	48.67
33	Aug.13		66.7	40.1	60.07
34	Aug.20		91.2	32.0	35.03
35	Aug.27		223.7	155.3	69.41
36	Sep. 3		198.4	96.9	48.87
37	Sep.10		489.8	411.4	84.00
38	Sep.17		9.5	9.5	100.00
39	Sep.24		84.5	84.5	100.00
40	Oct. 1		.0	.0	.00
41	Oct. 8		.0	.0	.00
42	Oct.15		.0	.0	.00
43	Oct.22		.0	.0	.00
44	Oct.29		.0	.0	.00
45	Nov. 5		.0	.0	.00
Total					

Table II.87 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10129 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	593	0
28	Jul. 9	0	0	796	0	0	0	2	0	6325	0
29	Jul. 16	0	312	4510	0	2705	0	2045	0	18730	0
30	Jul. 23	437	0	6030	0	12227	0	3544	7	10392	0
31	Jul. 30	287	859	3711	329	11765	189	1226	293	12964	184
32	Aug. 6	0	6505	6465	3277	10866	47	4451	104	10947	521
33	Aug. 13	114	12470	5220	2592	13088	148	1152	0	26716	103
34	Aug. 20	111	10285	20124	2930	17177	26	3596	0	24675	0
35	Aug. 27	607	7840	10585	393	7219	31	4510	0	17298	0
36	Sep. 3	2323	0	0	0	3631	0	2193	0	5047	0
37	Sep. 10	0	0	0	0	0	1	1400	0	1909	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		3879	38271	57441	9521	78678	442	24119	404	135596	808

Table II.88 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10129 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	76	0	1475	0	0	0	0	0	708	0
29	Jul. 16	1799	0	4538	0	3257	0	0	0	3231	0
30	Jul. 23	2432	0	11712	4249	1430	0	0	0	3843	0
31	Jul. 30	2447	0	6572	6326	5326	0	0	0	5095	0
32	Aug. 6	1663	0	7229	7435	8572	0	0	3068	1283	2506
33	Aug. 13	4491	1589	11552	1061	6366	0	0	2391	251	1673
34	Aug. 20	12065	9699	9971	0	7666	0	0	0	9285	2982
35	Aug. 27	10615	1646	16670	0	19523	0	0	0	4164	0
36	Sep. 3	3110	10033	22820	0	19592	0	0	0	3650	0
37	Sep. 10	0	4159	16453	0	0	0	8051	0	0	0
38	Sep. 17	0	4790	139	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		38698	31916	109131	19071	71732	0	8051	5459	31510	7161

Table II.89 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10129 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	5053	0	120	463	7604	0	2402
33	Aug. 13	5960	10486	2825	821	21847	4761	7171
34	Aug. 20	13740	877	4212	2542	23623	22599	16369
35	Aug. 27	4128	0	3624	5873	64070	35399	23161
36	Sep. 3	8903	0	255	4844	0	14705	7551
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		37784	11363	11036	14543	117144	77464	56654

Table II.90 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10129 purse seine fishery.

Stat Week	Average			
	Midweek Date	Mean	Std.dev	Coeff. var.
23	Jun. 4	.0	.0	.00
24	Jun.11	.0	.0	.00
25	Jun.18	.0	.0	.00
26	Jun.25	.0	.0	.00
27	Jul. 2	22.8	22.8	100.00
28	Jul. 9	360.8	247.9	68.69
29	Jul.16	1581.8	746.9	47.22
30	Jul.23	2165.5	746.9	34.49
31	Jul.30	2214.3	722.0	32.61
32	Aug. 6	3483.9	710.1	20.38
33	Aug.13	5571.1	1347.8	24.19
34	Aug.20	8252.1	1621.5	19.65
35	Aug.27	9129.1	2809.3	30.77
36	Sep. 3	4179.1	1239.8	29.67
37	Sep.10	1229.7	700.7	56.98
38	Sep.17	189.6	184.1	97.11
39	Sep.24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct.15	.0	.0	.00
43	Oct.22	.0	.0	.00
44	Oct.29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.91 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10130 purse seine fishery.

Stat Week	Average Midweek Date	Year									
		1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	808	0
28	Jul. 9	0	0	848	0	0	0	0	0	16540	0
29	Jul. 16	0	897	4754	0	2596	0	176	0	2227	0
30	Jul. 23	22331	131	1632	1694	610	0	0	0	2425	0
31	Jul. 30	5426	637	1838	493	160	0	303	76	1752	0
32	Aug. 6	1385	0	866	0	0	0	0	0	848	0
33	Aug. 13	0	0	459	1899	1427	18	0	0	1601	0
34	Aug. 20	343	0	0	4112	11	0	0	0	1271	0
35	Aug. 27	10737	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	40222	1665	10397	8198	4804	18	479	76	27472	0

Table II.92 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10130 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	231	0	2030	0	0	0	0	0	0	0
29	Jul. 16	791	0	1969	0	0	0	0	0	0	0
30	Jul. 23	64	0	2657	0	0	0	0	0	0	0
31	Jul. 30	179	0	588	0	0	0	0	0	0	0
32	Aug. 6	13	0	11	0	0	0	0	0	0	0
33	Aug. 13	149	0	185	0	0	0	0	0	0	0
34	Aug. 20	0	423	0	0	0	0	0	0	0	0
35	Aug. 27	0	96	501	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		1427	519	7941	0	0	0	0	0	0	0

Table II.93 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10130 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	112	0	0	0	0	0
32	Aug. 6	72	449	0	0	0	0	0
33	Aug. 13	432	0	0	43	0	0	1642
34	Aug. 20	901	364	0	97	0	444	2361
35	Aug. 27	96	0	0	130	0	0	977
36	Sep. 3	0	0	0	0	0	0	27
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		1501	925	0	270	0	444	5007

Table II.94 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10130 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	47.5	47.5	100.00
28	Jul. 9	1155.8	969.7	83.89
29	Jul. 16	788.8	326.9	41.44
30	Jul. 23	1855.5	1299.1	70.01
31	Jul. 30	680.2	327.6	48.15
32	Aug. 6	214.4	101.7	47.45
33	Aug. 13	462.1	168.6	36.48
34	Aug. 20	607.5	266.2	43.82
35	Aug. 27	737.5	628.0	85.16
36	Sep. 3	1.6	1.6	100.00
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.95 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10141 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	931	0
28	Jul. 9	0	0	450	0	0	0	0	0	8238	0
29	Jul. 16	0	2	699	0	1272	0	1315	0	6974	0
30	Jul. 23	395	4	1111	0	1164	0	830	43	1137	0
31	Jul. 30	2	27	843	41	527	26	627	17	1235	0
32	Aug. 6	241	180	1526	0	614	32	235	0	847	0
33	Aug. 13	438	109	943	32	840	41	21	0	785	60
34	Aug. 20	1615	57	0	700	179	0	0	0	1784	0
35	Aug. 27	765	128	0	669	498	0	562	0	2069	0
36	Sep. 3	7	0	0	0	3509	0	424	0	287	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		3463	507	5572	1442	8603	99	4014	60	24287	60

Table II.96 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10141 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	221	0	1695	0	0	0	0	0	3604	0
29	Jul. 16	777	0	3946	0	2315	0	0	0	5751	0
30	Jul. 23	420	0	3099	157	876	0	0	2092	2808	0
31	Jul. 30	938	0	2629	124	223	0	0	5465	3016	0
32	Aug. 6	1286	0	880	0	1175	5	0	3683	3508	0
33	Aug. 13	2274	0	320	0	301	77	0	3170	4603	0
34	Aug. 20	367	393	101	0	1353	25	0	515	4599	0
35	Aug. 27	344	1401	993	0	3007	478	673	2116	1972	0
36	Sep. 3	995	278	499	0	1057	0	2065	3339	212	0
37	Sep. 10	0	0	0	0	0	0	576	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		7622	2072	14162	281	10307	585	3314	20380	30073	0

Table II.97 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10141 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	1
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	1383	0	4703	0	5563
29	Jul. 16	0	0	4721	34	14207	8754	11197
30	Jul. 23	13451	0	3630	2856	9197	6339	9602
31	Jul. 30	5674	3055	0	3534	17381	6155	10878
32	Aug. 6	13592	5225	874	701	28738	13934	7542
33	Aug. 13	14181	0	3087	938	8568	2938	8622
34	Aug. 20	11248	40	3763	1564	3871	13892	9540
35	Aug. 27	14383	0	5606	3280	6082	2666	9777
36	Sep. 3	3989	0	15603	901	0	2702	14331
37	Sep. 10	0	0	4765	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		76518	8320	43432	13808	92747	57380	87053

Table II.98 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10141 purse seine fishery.

Stat Week	Average			
	Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	100.00
24	Jun.11	.0	.0	.00
25	Jun.18	.0	.0	.00
26	Jun.25	.0	.0	.00
27	Jul. 2	35.8	35.8	100.00
28	Jul. 9	994.5	417.4	41.97
29	Jul.16	2383.2	770.2	32.32
30	Jul.23	2277.3	692.8	30.42
31	Jul.30	2400.7	796.4	33.17
32	Aug. 6	3262.2	1269.0	38.90
33	Aug.13	2013.4	681.1	33.83
34	Aug.20	2138.7	737.0	34.46
35	Aug.27	2210.3	666.5	30.15
36	Sep. 3	1930.7	790.7	40.96
37	Sep.10	205.4	183.7	89.44
38	Sep.17	.0	.0	.00
39	Sep.24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct.15	.0	.0	.00
43	Oct.22	.0	.0	.00
44	Oct.29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.99. Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10142 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	12	0
28	Jul. 9	0	0	0	0	0	0	0	0	103	0
29	Jul. 16	0	0	0	0	16	0	16	0	87	0
30	Jul. 23	0	0	0	0	15	0	10	1	14	0
31	Jul. 30	0	0	0	1	7	0	8	0	15	0
32	Aug. 6	0	0	0	0	8	0	3	0	11	0
33	Aug. 13	0	0	0	0	11	1	0	0	10	0
34	Aug. 20	0	0	0	9	2	0	0	0	22	0
35	Aug. 27	0	0	0	8	6	0	7	0	26	0
36	Sep. 3	0	0	0	0	44	0	5	0	4	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	18	109	1	49	1	304	0

Table II.100 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10142 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	82	0
30	Jul. 23	0	0	720	0	0	0	0	0	184	0
31	Jul. 30	0	0	45	0	0	0	0	0	41	0
32	Aug. 6	0	0	0	0	0	0	0	0	67	0
33	Aug. 13	0	0	0	0	0	0	0	0	15	16
34	Aug. 20	0	0	0	0	0	0	0	0	154	171
35	Aug. 27	0	0	0	0	0	198	0	0	820	0
36	Sep. 3	0	0	0	0	0	0	875	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	765	0	0	198	875	0	1363	187

Table II.101 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10142 purse seine fishery.

Stat Week	Average Midweek Date	Year						
		1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	13	35	31	0
29	Jul. 16	0	0	17	0	1986	17	116
30	Jul. 23	853	0	255	63	41	63	98
31	Jul. 30	870	0	52	13	64	0	195
32	Aug. 6	278	22	642	54	399	1060	553
33	Aug. 13	130	13	1269	78	13	18	31
34	Aug. 20	0	31	45	399	3	131	0
35	Aug. 27	48	989	316	447	0	0	653
36	Sep. 3	0	303	1563	10	0	59	761
37	Sep. 10	0	0	2608	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		2179	1358	6767	1077	2541	1379	2407

Table II.102 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chinook salmon
 in subarea 10142 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std. dev	Coeff. var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.7	.7	100.00
28	Jul. 9	10.1	6.0	59.63
29	Jul. 16	129.8	109.5	84.35
30	Jul. 23	128.7	59.0	45.86
31	Jul. 30	72.8	48.2	66.16
32	Aug. 6	172.1	71.2	41.41
33	Aug. 13	89.2	69.8	78.33
34	Aug. 20	53.7	24.3	45.26
35	Aug. 27	195.4	75.2	38.49
36	Sep. 3	201.3	101.5	50.44
37	Sep. 10	144.9	144.9	100.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.103 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10143 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	197	0
28	Jul. 9	0	0	0	0	0	0	0	0	2450	0
29	Jul. 16	0	0	504	0	453	0	335	0	6040	0
30	Jul. 23	230	0	0	0	3056	4	434	12	2691	0
31	Jul. 30	30	0	0	5	1511	9	524	0	1926	0
32	Aug. 6	55	0	0	0	652	0	92	24	868	0
33	Aug. 13	335	0	0	30	2984	0	10	0	3121	0
34	Aug. 20	523	0	0	483	988	0	0	0	3066	0
35	Aug. 27	878	0	0	20	162	0	0	0	1992	0
36	Sep. 3	0	0	0	0	178	0	0	0	298	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		2051	0	504	538	9984	13	1395	36	22649	0

Table II.104 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10143 purse seine fishery.

Stat Week	Average Midweek Date	Year									
		1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	454	0	790	0	0	0	0	0	0	0
29	Jul. 16	603	0	3769	0	865	0	0	0	161	0
30	Jul. 23	639	0	2641	0	0	0	0	0	18	0
31	Jul. 30	202	0	4350	0	0	0	0	0	157	0
32	Aug. 6	0	0	929	0	910	0	0	20	3	0
33	Aug. 13	0	0	401	0	0	0	0	0	262	0
34	Aug. 20	15	665	1519	0	0	0	0	0	293	0
35	Aug. 27	324	2034	1111	0	0	0	0	0	345	0
36	Sep. 3	341	2046	999	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	648	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		2578	5393	16509	0	1775	0	0	20	1239	0

Table II.105 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10143 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	66	0	0	0	0	0	0
33	Aug. 13	2473	0	0	0	0	0	0
34	Aug. 20	139	0	0	0	0	583	939
35	Aug. 27	220	0	0	0	0	793	98
36	Sep. 3	120	0	0	0	0	0	150
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		3018	0	0	0	0	1376	1187

Table II.106 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10143 purse seine fishery.

Stat Week	Average Midweek		Std. dev	Coeff. var.
	Date	Mean		
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	11.6	11.6	100.00
28	Jul. 9	217.3	148.9	68.52
29	Jul. 16	748.8	397.0	53.01
30	Jul. 23	572.1	261.8	45.76
31	Jul. 30	512.6	276.5	53.93
32	Aug. 6	212.9	88.2	41.43
33	Aug. 13	565.6	268.9	47.53
34	Aug. 20	541.9	191.4	35.32
35	Aug. 27	469.2	163.9	34.92
36	Sep. 3	243.1	128.0	52.64
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	38.1	38.1	100.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.107 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10144 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

Table II.108 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10144 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

Table II.109 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10144 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	3	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	21402	0
38	Sep. 17	0	0	0	0	0	30725	20604
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	12992	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		0	3	0	0	0	65119	20604

Table II.110 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10144 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	.0	.0	.00
29	Jul. 16	.0	.0	.00
30	Jul. 23	.0	.0	.00
31	Jul. 30	.0	.0	.00
32	Aug. 6	1.0	1.0	100.00
33	Aug. 13	.0	.0	.00
34	Aug. 20	.0	.0	.00
35	Aug. 27	.0	.0	.00
36	Sep. 3	.0	.0	.00
37	Sep. 10	7134.0	7134.0	100.00
38	Sep. 17	17109.7	9040.0	52.84
39	Sep. 24	.0	.0	.00
40	Oct. 1	4330.7	4330.7	100.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.111 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10145 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	139	0
28	Jul. 9	0	0	749	0	0	0	0	0	927	0
29	Jul. 16	0	33	2634	0	615	0	148	0	813	0
30	Jul. 23	0	83	1915	0	385	0	93	5	128	0
31	Jul. 30	0	505	1718	5	304	3	147	2	139	0
32	Aug. 6	0	1435	4206	0	69	4	26	0	95	0
33	Aug. 13	0	1461	2245	582	926	5	13	0	88	0
34	Aug. 20	440	1281	0	652	465	0	0	0	201	0
35	Aug. 27	1047	2429	0	81	72	0	63	0	233	0
36	Sep. 3	135	0	0	0	395	0	48	0	32	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		1622	7227	13467	1320	3231	12	538	7	2795	0

Table II.112 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10145 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	23	0	0	0	0	0	0	0	1342	0
29	Jul. 16	316	0	139	0	548	0	0	0	545	0
30	Jul. 23	26	0	680	829	0	0	0	0	1312	0
31	Jul. 30	177	0	370	0	0	0	0	203	1461	0
32	Aug. 6	213	0	326	0	856	12	0	513	1620	0
33	Aug. 13	1412	0	23	0	1770	0	0	367	1173	0
34	Aug. 20	311	0	57	0	1426	0	0	475	981	0
35	Aug. 27	122	276	143	0	2504	227	679	0	426	0
36	Sep. 3	0	10	199	0	828	0	199	0	40	0
37	Sep. 10	0	0	0	0	0	0	120	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		2600	286	1937	829	7932	239	998	1558	8900	0

Table II.113 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10145 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	57	0
30	Jul. 23	0	0	8	0	0	0	0
31	Jul. 30	0	1767	0	0	355	23	0
32	Aug. 6	615	2089	0	0	0	0	186
33	Aug. 13	1061	0	17	0	0	525	628
34	Aug. 20	1204	0	0	0	0	1257	1452
35	Aug. 27	189	0	1129	0	0	3691	2210
36	Sep. 3	0	0	932	0	0	0	117
37	Sep. 10	0	0	9	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		3069	3856	2095	0	355	5553	4593

Table II.114 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10145 purse seine fishery.

Stat Week	Average		Std.dev	Coeff. var.
	Midweek Date	Mean		
23	Jun. 4	.0	.0	.00
24	Jun.11	.0	.0	.00
25	Jun.18	.0	.0	.00
26	Jun.25	.0	.0	.00
27	Jul. 2	5.8	5.8	100.00
28	Jul. 9	126.7	71.7	56.57
29	Jul.16	243.7	115.0	47.18
30	Jul.23	227.7	99.6	43.75
31	Jul.30	299.1	110.9	37.06
32	Aug. 6	511.0	199.8	39.10
33	Aug.13	512.3	138.0	26.94
34	Aug.20	425.1	109.7	25.80
35	Aug.27	646.7	208.2	32.19
36	Sep. 3	122.3	51.6	42.16
37	Sep.10	5.4	5.0	92.98
38	Sep.17	.0	.0	.00
39	Sep.24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct.15	.0	.0	.00
43	Oct.22	.0	.0	.00
44	Oct.29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.115 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10146 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	3	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	3	0	0	0	0	0	0	0

Table II.116 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10146 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	71	0
31	Jul. 30	0	0	0	0	0	0	0	0	17	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	3	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	91	0

Table II.117 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10146 purse seine fishery.

Stat Week	Average	1980	1981	1982	1983	1984	1985	1986
	Midweek Date							
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	47	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	1175	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		1175	47	0	0	0	0	0

Table II.118 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10146 purse seine fishery.

Stat	Average			
Week	Midweek Date	Mean	Std. dev	Coeff. var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	.0	.0	.00
29	Jul. 16	.0	.0	.00
30	Jul. 23	17.8	17.8	100.00
31	Jul. 30	16.0	11.1	69.27
32	Aug. 6	.8	.8	100.00
33	Aug. 13	294.5	293.5	99.66
34	Aug. 20	.0	.0	.00
35	Aug. 27	.0	.0	.00
36	Sep. 3	.0	.0	.00
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.119 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10147 purse seine fishery.

Stat Week	Average	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	Midweek Date										
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

Table II.120 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10147 purse seine fishery.

Stat Week	Average	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
	Midweek Date										
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	26	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	178	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	26	0	0	0	178	0

Table II.121 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10147 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0

Table II.122 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10147 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	.0	.0	.00
29	Jul. 16	.0	.0	.00
30	Jul. 23	.0	.0	.00
31	Jul. 30	.0	.0	.00
32	Aug. 6	13.0	13.0	100.00
33	Aug. 13	.0	.0	.00
34	Aug. 20	89.0	89.0	100.00
35	Aug. 27	.0	.0	.00
36	Sep. 3	.0	.0	.00
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.123 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10151 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	432	0	0	0	0	0	0	0
29	Jul. 16	0	13	501	0	0	0	0	0	0	0
30	Jul. 23	806	27	195	0	0	0	0	0	0	0
31	Jul. 30	103	35	267	0	0	0	0	0	0	0
32	Aug. 6	69	0	245	0	0	0	0	0	0	0
33	Aug. 13	16	0	168	0	0	0	0	0	0	0
34	Aug. 20	34	0	0	0	0	0	0	0	0	0
35	Aug. 27	9	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		1037	75	1808	0	0	0	0	0	0	0

Table II.124 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10151 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	12	0	0	0	0	0	0	0	0	0
29	Jul. 16	1174	0	1072	0	0	0	0	0	0	0
30	Jul. 23	1106	0	531	0	0	0	0	0	0	0
31	Jul. 30	505	0	113	0	0	0	0	0	0	0
32	Aug. 6	232	0	29	0	0	2226	0	0	0	0
33	Aug. 13	149	0	0	0	0	2869	0	0	9	0
34	Aug. 20	0	0	0	0	0	993	0	0	0	0
35	Aug. 27	0	0	0	0	0	1280	0	0	163	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		3178	0	1745	0	0	7368	0	0	172	0

Table II.125 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10151 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0

Table II.126 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10151 purse seine fishery.

Stat Week	Average			
	Midweek Date	Mean	Std. dev	Coeff. var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	63.4	61.5	96.88
29	Jul. 16	394.3	200.6	50.88
30	Jul. 23	380.7	167.5	44.01
31	Jul. 30	146.1	69.2	47.39
32	Aug. 6	400.1	306.8	76.68
33	Aug. 13	458.7	402.6	87.78
34	Aug. 20	146.7	141.1	96.19
35	Aug. 27	207.4	180.2	86.87
36	Sep. 3	.0	.0	.00
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.127 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10153 purse seine fishery.

Stat Week	Average Midweek Date	Year									
		1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	105	0
28	Jul. 9	0	0	524	2	0	0	0	0	3881	0
29	Jul. 16	0	0	1790	0	7598	0	1215	0	10315	0
30	Jul. 23	22	55	645	0	4765	0	912	5	5875	0
31	Jul. 30	227	0	1673	5	59	3	566	2	6126	0
32	Aug. 6	0	0	1262	0	1724	4	203	0	4165	0
33	Aug. 13	114	0	350	4	875	5	2	0	7314	0
34	Aug. 20	307	0	0	79	20	0	0	0	5876	0
35	Aug. 27	0	0	0	75	56	0	78	0	3749	0
36	Sep. 3	0	0	0	0	395	0	48	0	472	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		670	55	6244	165	15492	12	3024	7	47878	0

151

Table II.128 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10153 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	16	0	0	0	0	0	0	0	0	0
29	Jul. 16	294	0	457	0	723	0	0	0	0	0
30	Jul. 23	42	0	513	0	0	0	0	0	0	0
31	Jul. 30	113	0	153	0	0	0	0	0	0	0
32	Aug. 6	113	0	258	0	167	0	0	451	0	0
33	Aug. 13	645	0	33	0	0	0	0	136	307	0
34	Aug. 20	251	0	194	0	260	0	0	292	0	0
35	Aug. 27	0	98	0	0	527	68	215	1319	0	0
36	Sep. 3	0	0	39	0	105	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	130	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	1474	98	1647	0	1782	68	345	2198	307	0

Table II.129 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10153 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	381	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	325
31	Jul. 30	0	0	0	0	2295	0	1943
32	Aug. 6	1229	0	0	0	2080	0	48
33	Aug. 13	383	0	0	0	2682	0	387
34	Aug. 20	28	0	246	0	0	2518	12
35	Aug. 27	0	0	223	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	2792
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		1640	0	850	0	7057	2518	5507

Table II.130 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10153 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std. dev	Coeff. var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	4.8	4.8	100.00
28	Jul. 9	218.4	176.8	80.94
29	Jul. 16	1017.8	563.8	55.39
30	Jul. 23	598.1	332.2	55.53
31	Jul. 30	598.4	301.2	50.33
32	Aug. 6	532.0	217.6	40.90
33	Aug. 13	601.7	343.3	57.06
34	Aug. 20	458.3	281.7	61.46
35	Aug. 27	291.3	176.1	60.47
36	Sep. 3	175.0	127.5	72.86
37	Sep. 10	5.9	5.9	100.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00

Total

Table II.131 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10155 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	3367	0	0	0	0	0	1063	0
29	Jul. 16	0	118	2717	0	0	0	0	0	962	0
30	Jul. 23	7233	192	1114	0	0	0	0	0	222	0
31	Jul. 30	699	319	717	0	0	0	0	0	0	0
32	Aug. 6	621	0	946	0	0	0	0	0	18	0
33	Aug. 13	24	0	1159	0	0	0	0	0	547	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	83	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		8660	629	10020	0	0	0	0	0	2812	0

Table II.132 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10155 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

Table II.133 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10155 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0

Table II.134 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10155 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	1107.5	793.7	71.67
29	Jul. 16	949.3	627.0	66.05
30	Jul. 23	2190.3	1694.5	77.36
31	Jul. 30	433.8	171.2	39.48
32	Aug. 6	396.3	233.2	58.86
33	Aug. 13	432.5	273.1	63.14
34	Aug. 20	.0	.0	.00
35	Aug. 27	20.8	20.8	100.00
36	Sep. 3	.0	.0	.00
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.135 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10180 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

159

Table II.136 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10180 purse seine fishery.

Stat Week	Average	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
	Midweek Date										
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	170	0	0	0	0	0
33	Aug. 13	0	0	0	0	92	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	262	0	0	0	0	0

Table II.137. Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10180 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	199	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
	Total	0	0	0	0	0	199	0

Table II.138 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10180 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	.0	.0	.00
29	Jul. 16	.0	.0	.00
30	Jul. 23	.0	.0	.00
31	Jul. 30	99.5	99.5	100.00
32	Aug. 6	85.0	85.0	100.00
33	Aug. 13	46.0	46.0	100.00
34	Aug. 20	.0	.0	.00
35	Aug. 27	.0	.0	.00
36	Sep. 3	.0	.0	.00
37	Sep. 10	.0	.0	.00
38	Sep. 17	.0	.0	.00
39	Sep. 24	.0	.0	.00
40	Oct. 1	.0	.0	.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.139 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10190 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	427	0
30	Jul. 23	0	0	0	0	0	0	0	0	288	0
31	Jul. 30	0	0	42	0	0	0	850	0	19	0
32	Aug. 6	0	0	0	0	0	0	782	0	1480	0
33	Aug. 13	168	0	0	0	809	0	1161	0	2023	0
34	Aug. 20	2132	0	0	0	576	0	323	0	1076	0
35	Aug. 27	35	0	0	229	175	0	130	0	323	0
36	Sep. 3	0	0	0	0	0	0	0	0	18	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		2335	0	42	229	1560	0	3246	0	5654	0

103

Table II.140 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10190 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	51	0	0	0	0	0	0	0	0	0
29	Jul. 16	397	0	0	0	0	0	0	0	0	0
30	Jul. 23	644	0	554	0	0	0	0	0	0	0
31	Jul. 30	0	0	485	0	0	0	0	0	0	0
32	Aug. 6	0	0	1071	0	562	0	0	740	0	0
33	Aug. 13	715	0	388	0	68	0	0	1021	183	963
34	Aug. 20	466	0	42	0	0	0	0	709	388	393
35	Aug. 27	226	0	0	0	0	0	0	0	720	0
36	Sep. 3	0	0	0	0	0	0	0	0	165	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
	Total	2499	0	2540	0	630	0	0	2470	1456	1356

Table II.141 Southeast Alaska salmon fisheries.

Weekly commercial catch of chum salmon
in subarea 10190 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	1859	17840
32	Aug. 6	0	0	0	0	572	5636	8152
33	Aug. 13	0	0	0	0	1782	2929	438
34	Aug. 20	1904	0	536	0	3069	7940	0
35	Aug. 27	2511	0	912	0	4622	3124	0
36	Sep. 3	0	0	2776	0	0	0	0
37	Sep. 10	0	0	2356	0	95909	0	0
38	Sep. 17	0	0	5	0	0	0	0
39	Sep. 24	0	0	8	0	0	0	0
40	Oct. 1	0	0	0	0	0	9387	0
41	Oct. 8	0	0	0	0	0	65	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		4415	0	6593	0	105954	30940	26430

Table II.142 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10190 purse seine fishery.

Stat Week	Average			
	Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	.0	.0	.00
28	Jul. 9	3.0	3.0	100.00
29	Jul. 16	48.5	33.2	68.52
30	Jul. 23	87.4	49.8	56.98
31	Jul. 30	1240.9	1044.1	84.14
32	Aug. 6	1117.4	549.5	49.18
33	Aug. 13	744.0	204.1	27.43
34	Aug. 20	1150.2	473.8	41.19
35	Aug. 27	765.1	327.0	42.74
36	Sep. 3	174.1	162.9	93.59
37	Sep. 10	5780.3	5634.7	97.48
38	Sep. 17	.3	.3	100.00
39	Sep. 24	.5	.5	100.00
40	Oct. 1	552.2	552.2	100.00
41	Oct. 8	3.8	3.8	100.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				

Table II.143 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10195 purse seine fishery.

Stat Week	Average Midweek Date	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

Table II.144 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10195 purse seine fishery.

Stat Week	Average Midweek Date	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
23	Jun. 4	0	0	0	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	0	0	0	0
28	Jul. 9	0	0	0	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	0	0	0	0	0
38	Sep. 17	0	0	0	0	0	0	0	0	0	0
39	Sep. 24	0	0	0	0	0	0	0	0	0	0
40	Oct. 1	0	0	0	0	0	0	0	0	0	0
41	Oct. 8	0	0	0	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0

168

Table II.145 Southeast Alaska salmon fisheries.
 Weekly commercial catch of chum salmon
 in subarea 10195 purse seine fishery.

Stat Week	Average Midweek Date	1980	1981	1982	1983	1984	1985	1986
23	Jun. 4	0	0	0	0	0	0	0
24	Jun. 11	0	0	0	0	0	0	0
25	Jun. 18	0	0	0	0	0	0	0
26	Jun. 25	0	0	0	0	0	0	0
27	Jul. 2	0	0	0	0	0	0	131
28	Jul. 9	0	0	0	0	0	0	0
29	Jul. 16	0	0	0	0	0	0	0
30	Jul. 23	0	0	0	0	0	0	0
31	Jul. 30	0	0	0	0	0	0	0
32	Aug. 6	0	0	0	0	0	0	0
33	Aug. 13	0	0	0	0	0	0	0
34	Aug. 20	0	0	0	0	0	0	0
35	Aug. 27	0	0	0	0	0	0	0
36	Sep. 3	0	0	0	0	0	0	0
37	Sep. 10	0	0	0	0	0	27673	0
38	Sep. 17	0	0	0	0	0	32061	0
39	Sep. 24	0	0	0	0	0	0	8438
40	Oct. 1	0	0	0	0	0	1593	0
41	Oct. 8	0	0	0	0	0	0	0
42	Oct. 15	0	0	0	0	0	0	0
43	Oct. 22	0	0	0	0	0	0	0
44	Oct. 29	0	0	0	0	0	0	0
45	Nov. 5	0	0	0	0	0	0	0
Total		0	0	0	0	0	61327	8569

Table II.146. Southeast Alaska salmon fisheries.

Weekly commercial catch of chin salmon
in subarea 10195 purse seine fishery.

Stat Week	Average Midweek Date	Mean	Std.dev	Coeff.var.
23	Jun. 4	.0	.0	.00
24	Jun. 11	.0	.0	.00
25	Jun. 18	.0	.0	.00
26	Jun. 25	.0	.0	.00
27	Jul. 2	65.5	65.5	100.00
28	Jul. 9	.0	.0	.00
29	Jul. 16	.0	.0	.00
30	Jul. 23	.0	.0	.00
31	Jul. 30	.0	.0	.00
32	Aug. 6	.0	.0	.00
33	Aug. 13	.0	.0	.00
34	Aug. 20	.0	.0	.00
35	Aug. 27	.0	.0	.00
36	Sep. 3	.0	.0	.00
37	Sep. 10	13836.5	13836.5	100.00
38	Sep. 17	16030.5	16030.5	100.00
39	Sep. 24	4219.0	4219.0	100.00
40	Oct. 1	796.5	796.5	100.00
41	Oct. 8	.0	.0	.00
42	Oct. 15	.0	.0	.00
43	Oct. 22	.0	.0	.00
44	Oct. 29	.0	.0	.00
45	Nov. 5	.0	.0	.00
Total				