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An analysis of the present state of utilization and reproduction of
Japanese trout and salmon stocks (Maps and Tables volume)

by H. Ito, (Chief Editor)

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genjo bunsaki (zu hyo hen)

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Honpo sake masu shigen no saisei san to riyo ni kansuru genjo bunsaki
(zu hyo hen)

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As above

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UNEDITED TRANSLATION
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TRADUCTION NON REVISEE
Information seulement

It is hoped that the client will appreciate the incredible difficulties^{encountered} and the infinite patience needed by the translator in the performing of his task thought by the requester to be simple and easy (see "special instructions" on the request form). There is nothing so frustrating and time-consuming as endeavoring to find the right and usually completely unpredictable rendering of Japanese names of place written in characters, of which there were more than 600 in the submitted text. For details about this difficulty completely unique to the Japanese language, see below.

Is there a student of Japanese anywhere, regardless of his mastery of other formidable difficulties of the language, who is not continually harassed by the problem of how to read Japanese names when written in characters? Even the Japanese themselves are often forced to fall back on unreliable if educated guesswork, at least until someone who knows tells them how so-and-so reads his name or what the residents actually call such-and-such a place. It is not only family and place names that can be real puzzlers: historically, parents have delighted in devising names for their children composed of auspicious characters with hopelessly obscure readings, and literary persons have often gone even further in coining their pseudonyms. For the Japanese at least, the characters are recognizable in their own right and the problem of just how to read them can be avoided in writing. But for anyone who must write the names in a Western alphabet, even this small consolation is lacking.

see note p. IV

P. Schouwers
Quality Controller

AUG 28 1978



CLIENT'S NO. N° DU CLIENT	DEPARTMENT MINISTÈRE	DIVISION/BRANCH DIVISION/DIRECTION	CITY VILLE
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1486868 /	Japanese	ELC / JS	AUG 28 1978

An analysis of the present state of utilization
and reproduction of Japanese trout and salmon stocks.

- - - Maps and tables volume - - -

(Appendix __ Localities under consideration for
cooperation between Japan and the
USSR in breeding activities)

UNEDITED TRANSLATION
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June 1976

The Japanese Society for the Preservation of Trout
and Salmon Stocks (Incorporated)

Foreword

There are many indications that the fishing industry is moving rapidly into very difficult conditions both at home and abroad. However the salmon and trout breeding industry is able to boast of its reliable performance. This must be extended, but first of all it is urgently necessary to comprehend the breeding organizational structure and the year to year variations in its actual results.

In June 1975 this Society therefore published "An analysis of the present state of utilization and reproduction of Japanese trout and salmon stocks (Data volume)". The present companion volume is offered as a source of reference to all users. It was planned and printed in cooperation with all the organizations concerned to present fundamental data about the increase of trout and salmon resources and to include maps and tables of all the rivers in which trout and salmon breed.

The Japanese Society for the Preservation of Trout
and Salmon Stocks (Incorporated)

Masao OKAI
Chairman.

Editorial note

The actual results of the industry in the five years from 1970 to 1974 were gathered together and the necessary captions were added to maps on the 1:200 000 scale in each prefecture. This has resulted in some unevenness in the presentation of the summaries from Hokkaido and from Honshu, and we realize that they are not all identically arranged.

We wish to express our gratitude to the following persons, who were in charge of the production and editing of the fundamental data as shown.

For Hokkaido	Koji KOBAYASHI Shinji SACHIUCHI
For Honshu	The Departments concerned with the fisheries in each of the nine North-Eastern prefectures Sakae ISEKI (The Japan Sea salmon and trout breeding centre) Nobuichi KUBOTA (The Pacific Ocean salmon and trout breeding centre)
Offshore catches	Hoshihiro AOKI (The Japanese Society for the preservation of trout and salmon stocks)
Japan-USSR cooperation	Hitoshi ITO (The Toyo fisheries research laboratory)
Overall editing	Hitoshi ITO, Yoshihiro AOKI.

Translator's note.

Because of technical difficulties with the transcription of Japanese geographical names it is not possible to be certain of the names of some of the smaller rivers without access to much more detailed gazetteers or maps. Consequently, those which remain uncertain, and in all cases are rivers which appear to be of little importance, are shown in the tables in brackets. No attempt has been made (apart from frequent but evident misprints) to correct the variations which occur between tables in the assignment of numbers to names and sometimes in the details of the names.

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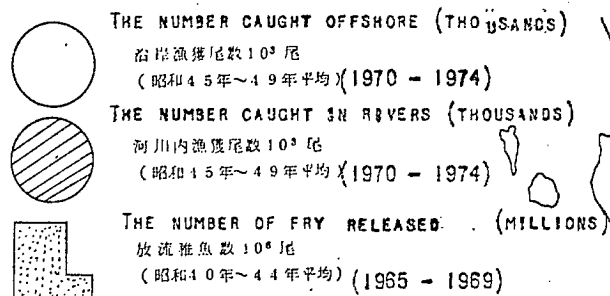
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シロサケ沿岸漁獲尾数, 河川内捕獲尾数 (昭和45年~44年平均)

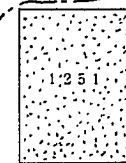
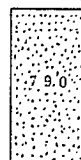
及び放流稚魚数 (昭和40年~44平均)

THE NUMBER OF CHUM SALMON CAUGHT OFFSHORE,
THE NUMBER CAUGHT IN RIVERS (1970 - 1974)
THE NUMBER OF FRY TRANSPLANTED (1965 - 1969)

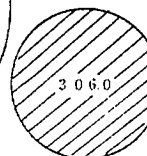
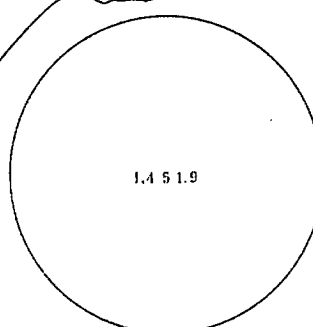


JAPAN SEA
MARITIME REGION

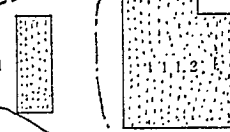
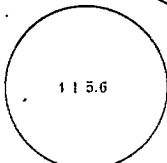
日本
海区



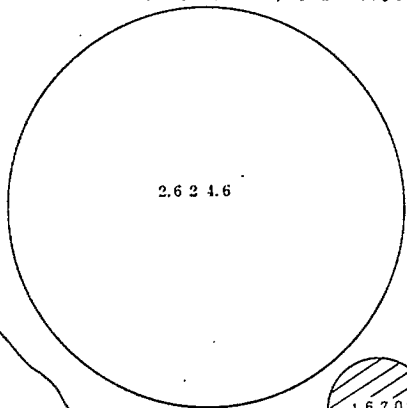
ERIMO EAST MARITIME REGION
エリモ以東海区



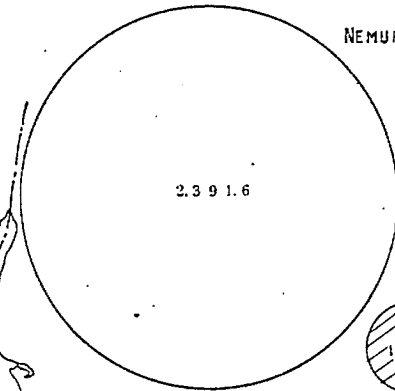
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エリモ以西海区

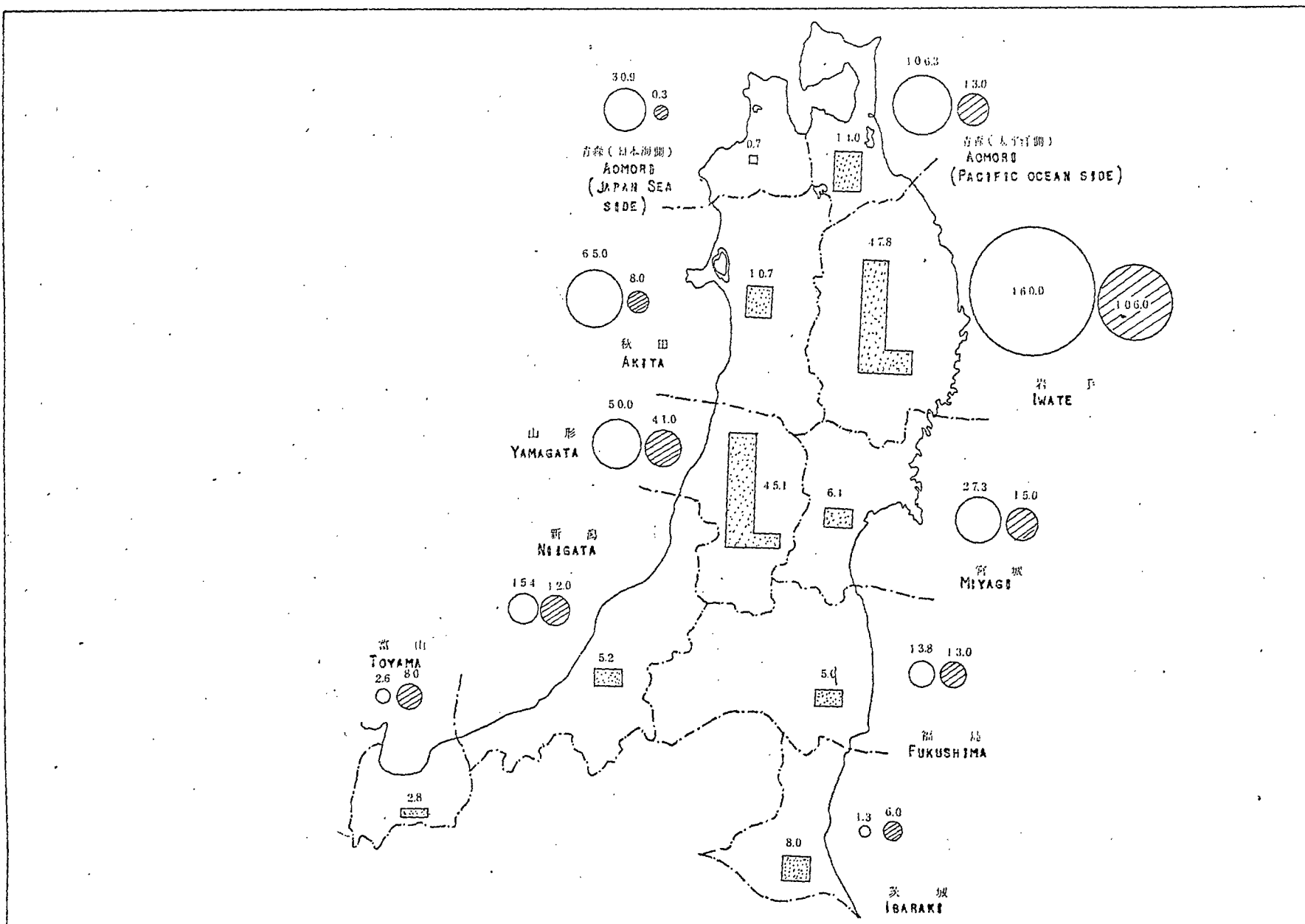


オホーツク海区
OKHOTSK MARITIME REGION



NEMURO MARITIME REGION
根室海区





3/10

✱

1

	RIVER	RIVER NAME AND NUMBER	AVERAGE CATCHMENT AREA 1970 = 74.	AUG		SEP		OCT		NOV		DEC		JAN		FEB	
				E	M	L	E	M	L	E	M	L	E	M	L	E	M
OKHOTSK MARITIME REGION (NORTH - SOUTH)	狭 松 川	10 Sarufutsu G	9														
	頌 別 川	11 Tombetsu G	2,160														
	北見磯別川	13 Kitamihorobetsu G	2,538														
	徳志別川	15 Tokushibetsu G	3,789														
	幌 内 川	23 Horonai G	2,939														
	雄 武 川	26 Omu G	21														
	興 部 川	29 Okoppe G	164														
	渚 滑 川	33 Shokotsu G	4,138														
	湧 別 川	39 Yubetsu G	40,533														
	芭 露 川	40 Baro G	137														
	サロマ湖	Sapoma L	2,570														
	生器間別川	48 Saromabetsu G	932														
	常 呂 川	50 Tokoro G	3,536														
	能 取 湖	Notori L	1,336														
網 走 川	52 Abashiri G	57,069															
藻 琴 川	53 Mokoto G	2,202															
斜 里 川	58 Shari G	38,303															
奥 葉 別 川	59 Okushibetsu G	2,579															
岩 尾 別 川	70 Iwaobetsu G	4,644															
ル シ ャ 川	74 Ruska G	188															
NEMURO MARITIME REGION (NORTH - SOUTH)	ル サ 川	4 Rusa G	368														
	サシイル川	10 Sashirui G	463														
	羅 白 川	12 Rausu G	6,682														
	春刈古丹川	17 Harukarikotan G	46														
	陸 志 別 川	18 Rikushibetsu G	611														
	植 別 川	19 Uebetsu G	2,624														
	崎 無 異 川	21 Sakimui G	1,818														
	元崎無異川	20 Motosakimui G	846														
	葦 別 川	22 Kumbetsu G	3,385														
	古 多 模 川	23 Kotanuka G	496														
	忠 類 川	24 Churui G	1,514														
	伊 茶 仁 川	25 Ichani G	5,135														
	標 津 川	26 Shibetsu G	45,461														
	当 幌 川	28 Tohoru G	3,875														
	春 別 川	31 Shunbetsu G	746														
	床 丹 川	32 Tokotan G	1,738														
	西 別 川	34 Nishibetsu G	42,776														
	矢 白 別 川	36 Yausubetsu G	90														
風 蓮 川	37 Furen G	1,681															
別 当 賀 川	39 Bettoga G	1,811															
穂 香 川	43 Honioe G	122															
三 番 川	45 Samban G	12															
ノツカンヅ川	46 Netsukanappu G	104															

	RIVER	RIVER NAME AND NUMBER	AVERAGE NUMBER CAUGHT 1970 - 74	AUG			SEP			OCT			NOV			DEC			JAN			FEB		
				E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L
ERIMO EAST MARITIME REGION (E - W)	沢川	15 Horoto G	240																					
	別寒辺牛川	27 Belanbeushi G	7 764																					
	チョロベツ川	39 Chorobetsu G	115																					
	釧路川	45 Kushiro G	87 410																					
	阿寒川	46 Akan G	199																					
	庶路川	47 Shoro G	169																					
	茶路川	50 Charo G	1 144																					
	音別川	54 Onbetsu G	636																					
	厚内川	57 Atsunai G	14																					
	十勝川	61 Tokachi G	204 874																					
	歴舟川	68 Rekiyune G	1 771																					
ERIMO WEST MARITIME REGION (EAST - WEST)	豊似川	70 Toyoni G	70																					
	広尾川	73 Hiroo G	2 052																					
	猿留川	80 Saruru G	118																					
	歌別川	1 Utabetsu G	105																					
	ニカンベツ川	4 Nikanbetsu G	122																					
	幌満川	5 Horoman G	10																					
	日高幌別川	12 Hidakahorobetsu G	636																					
	元浦川	16 Motoura G	157																					
	三石川	18 Mitsuishi G	121																					
	静内川	23 Shizunai G	3 879																					
	新冠川	24 Nikkappu G	131																					
	沙流川	32 Saru G	683																					
	鹉川	33 Mu G	596																					
	勇払川	36 Yufutsu G	690																					
	白老川	44 Shiraoi G	855																					
	敷生川	45 Shikifu G	1 235																					
	貫気別川	59 Nukibetsu G	175																					
	長万部川	63 Oshamanbe G	123																					
	ユラップ川	74 Yurappu G	3 313																					
	常路川	92 Tokoro G	122																					
	尻岸内川	107 Shirikishinal G	231																					
	汐泊川	113 Shiodomari G	3 594																					
	大野川	118 Ono G	2																					
	戸切地川	119 Hekirichi G	591																					
	茂辺地川	121 Moheji G	24 333																					
	大当別川	123 Daitobetsu G	42																					
	亀川	125 Kame G	729																					
	知内川	133 Shiriuchi G	756																					
	福島川	137 Fukushima G	35																					
JAPAN SEA REGION (NORTH - SOUTH)	増幌川	5 Masuhiro G	115																					
	天塩川	13 Teshio G	3 577																					
	遠別川	19 Enbetsu G	3																					
	オヒラシベ川	43 Obirashibe G	11																					
	外寒別川	51 Shokanbetsu G	725																					
	石狩川	67 Ishikari G	8 713																					
	余市川	76 Yoichi G	520																					
	朱太川	113 Shubuto G	305																					
	利別川	125 Toshibetsu G	1 704																					
	厚沢部川	145 Assabu G	3 992																					
	及部川	163 Oyobe G	158																					

HONSHU (71 RIVERS)

2

	RIVER	RIVER NAME AND NUMBER	AVERAGE NUMBER CAUGHT 1970-74	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.
				E.M.L.	E.M.L.	E.M.L.	E.M.L.	E.M.L.	E.M.L.	E.M.L.
HONSHU PACIFIC Side (North - South)	AOMORI	野辺地川 1 Noheji G	40							
		奥入瀬川 5 Oirase G	9,694							
		馬淵川 6 Mabuchi G	1,322							
		新井田川 7 Niida G	1,493							
	IWATE	有家川 2 Uke G	238							
		久慈川 4 Kuji G	473							
		安家川 6 Akka G	232							
		普代川 7 Fudai G	31							
		小本川 10 Omoto G	1,307							
		田老川 12 Tarow G	194							
		閉伊川 14 Hei G	5,399							
		津軽石川 15 Tsugaruishi G	60,552							
		関口川 18 Sekiguchi G	1,452							
		綾笠川 19 Origasa G	6,267							
		大槌川 20 Ozuchi G	10,714							
		鶴住居川 22 Unozumai G	430							
		片岸川 24 Katagishi G	11,235							
		吉浜川 26 Yoshihama G	36							
		盛川 28 Sakari G	5,211							
		気仙川 29 Kesennuma G	2,467							
		北上川 30 Kitakami G	816							
	MIYAGI	大川 1 O. G	5,864							
		小泉川 2 Koizumi G	1,039							
		水戸辺川 4 Mitobe G	765							
		水尻川 3 Mizujiri G	31							
		北上川 6 Kitakami G	3,595							
		鳴瀬川 9 Naruse G	2,982							
		名取川 10 Natori G	754							
		阿武隈川 (宮城) 13 Abukuma G	252							
	FUKUSHIMA	阿武隈川 (福島) 1 Abukuma G	237							
		真野川 2 Mano G	730							
		新田川 3 Nitta G	759							
		請戸川 4 Ukedo G	7,149							
		郷川 5 Kuma G	1,478							
		富岡川 6 Tomioka G	203							
		井出川 7 Ide G	81							
		木戸川 8 Kido G	1,234							
		夏井川 9 Natsui G	59							
		蛟川 10 Same G	382							
	IBARA	久慈川 1 Kuji G	1,020							
		那珂川 2 Naka G	2,255							
		利根川 3 Tone G (Kinu G)	963							

RIVER	RIVER NAME AND NUMBER	AVERAGE NUMBER CAUGHT 1970 - 74	AUG			SEP			OCT			NOV			DEC			JAN			FEB		
			E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L
HONSHU, JAPAN SEA SIDE, (NORTH - SOUTH)	AOMORI	岩木川 2 Iwaki G																					
		迫良瀬川 4 Oirase G																					
	AKITA	雄物川 2 Omono G																					
		子吉川 4 Koyoshi G																					
		西目川 5 Nishime G																					
		白宮川 6 Shirayuki G																					
		赤石川 7 Akaishi G																					
		奈曾川 8 Naso G																					
		川袋川 9 Kawabukuro G																					
	YAMAGATA	月光川 1 Gakko G																					
		日向川 2 Nikko G																					
		最上川 3 Mogami G																					
		赤川 4 Aka G																					
		五十川 6 Ira G																					
		庄内小国川 7 Shonai Oguni G																					
		鼠ヶ関川 8 Nezugaseki G																					
	NIGATA	大川 1 O. G																					
		三面川 3 Miomote G																					
		荒川 4 Ara G																					
		阿賀野川 5 Agano G																					
		信濃川 6 Sinano G																					
	TOYAMA	境川 1 Sakai G																					
		小川 3 O. G																					
		黒部川 6 Kurobe G																					
		布施川 8 Fuse G (Katagai G)																					
		角川 9 Kado G																					
		神通川 14 Jintsu G																					
		庄川 15 Sho G																					
		小矢部川 16 Oyabe G																					

備考 **NOTES**



- その上時期を示すのに旬別捕獲尾数をそのめやすとした。
- ピーク時期は原則として捕獲が行なわれている期間内で捕獲尾数が多い三旬をもって示した。
- また5年間の捕獲尾数がない河川ではそれ以下の年数の平均を示した。
- 呼称名はローマ字とし、川をG、湖をLに略した。

• THE AIM IS TO SHOW THE RUN SEASON BY MEANS OF THE NUMBER CAUGHT IN EACH THIRD OF A MONTH.

THE PEAK PERIOD IS IN GENERAL SHOWN AS THE THREE THIRDS OF A MONTH DURING WHICH THE GREATEST NUMBER ARE CAUGHT DURING THE FISHING SEASON.

IN RIVERS IN WHICH THERE HAVE NOT BEEN 5 YEARS OF CATCHES, THE AVERAGE IS SHOWN FOR A LOWER NUMBER OF YEARS.

• IN THE RIVER NAMES SHOWN IN EUROPEAN LETTERS, G REPRESENTS RIVERS, L REPRESENTS LAKES.

• IN ALL TABLES, "EARLY" OR "E" MEANS THE FIRST THIRD OF THE MONTH, "MIDDLE" OR "M" THE MIDDLE THIRD, AND "LATE" OR "L" THE LAST THIRD.

THE PINK SALMON RUN IN EACH RIVER (59 RIVERS IN HOKKAIDO)

カラフトマス河川そ上時期（北海道 59 河川）

	RIVER	AVERAGE NUMBER CAUGHT (1970 - 74)	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER		
			E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L
OKHOTSK MARITIME REGION (NORTH - SOUTH)	CHISHIYA	817																		
	SARUFUTSU	978																		
	TOMBETSU	4,905																		
	KITAHORO BETSU	2,465																		
	TOKUSHIBETSU	6,166																		
	HORONAI	8,129																		
	OMU	2,215																		
	OKOPPE	2,239																		
	MOKOPPE	466																		
	SHOKOTSU	8,218																		
	MOMBETSU	1,169																		
	YUBETSU	14,504																		
	SAROMABETSU	410																		
	TOKORO	9,715																		
	NOTORI L.	175																		
	ABASHIRI	5,418																		
	MOKOTO	830																		
	YAMUBETSU	3,543																		
	SHARI	17,127																		
	OKUSHIBETSU	7,624																		
	IWAOBETSU	21,606																		
	RUSHA	4,017																		
NEMURO MARITIME REGION (NORTH - SOUTH)	SASHIRUI	735																		
	RAUSU	77																		
	HARURIKOTAN	147																		
	UEBETSU	23																		
	CHURUI	1,013																		
	ICHANI	461																		
	SHIBETSU	3,265																		
	TORORO	280																		
	SHUNBETSU	127																		
	TOKOTAN	509																		
	NISHIBETSU	5,394																		
	YASUBETSU	116																		
ERIMO EAST REGION (EAST - WEST)	FUREN	1,921																		
	BETTOGA	845																		
	KUSHIRO	664																		
	TOKACHI	4,119																		
	HIROO	1,130																		
ERIMO WEST MARITIME REGION (EAST - WEST)	SARURU	21																		
	UTABETSU	53																		
	NIKANBETSU	107																		
	HOROMAN HIDAKAHO BETSU	149																		
	227																			
	8																			
	290																			
	32																			
	31																			
	25																			
JAPAN SEA MARITIME REGION (NORTH - SOUTH)	YURAPPU	1,809																		
	SHIOOMARI	41																		
	MASUORO	406																		
	TESHIO	493																		
	ENBETSU	161																		
	FURENBETSU	7																		
	OBIRASHIDE	2																		
	NORUSHA	41																		
	SNOKANBETSU	4																		
	ISHIKARI	3																		

THE CHERRY SALMON RUN SEASON IN EACH RIVER

サクラマス河川そ上時期(北海道31河川)
(31 RIVERS IN HOKKAIDO)

	RIVER	AVERAGE NUMBER CAUGHT (1970 - 74)	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER		
			E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L
(NORTH - SOUTH) OKHOTSK MARITIME REGION	CHISHIYA KITAMI HOROBETSU	19																		
	TOKUSHIBETSU	557																		
	OKOPPE	396																		
	SHOKOTSU	44																		
	SHARI	273																		
	IWAOBETSU	1,682																		
(NORTH - SOUTH) NEMURO MARITIME REGION	CHURUI	100																		
	ICHANI	93																		
	SHIBETSU	57																		
	TOHORO	2,014																		
	SHUNBETSU	119																		
	TOKOTAN	83																		
	NISHIBETSU	56																		
	YAUSHIBETSU	559																		
	FUREN	238																		
(EAST - WEST) ERIMO WEST MARITIME REGION	SHIROGAWA	538																		
	BETTOGA	646																		
	NIKANBETSU	3																		
	SHIRIKISHINA	6																		
(NORTH - SOUTH) JAPAN SEA MARITIME REGION	SHIODOMARI	56																		
	MASUORO	125																		
	TESHIO	55																		
	ENBETSU	140																		
	FURENBETSU	22																		
	NOBUSHI	1																		
	SHOKANBETSU	122																		
	ISHIKARI	243																		
	YOICHI	123																		
	SHIRIBETSU	21																		
	SHUBUTO	965																		
		46																		

注：エリモ以東海区なし

NOTE. NONE IN ERIMO EAST.

NUMBER OF ADULT SALMON CAUGHT IN
THE RIVERS.

(AVERAGE 1970 - 1974)

	CHUM SALMON	PINK SALMON	CHERRY SALMON	
10,000 OR LESS	○	△	□	100 OR LESS
1,000 - 10,000	○	△	□	100 - 1,000
10,000 - 20,000	○	△	□	1,000 - 2,000
20,000 OR MORE	○	△	□	2,000 OR MORE

GOVERNMENT HATCHERY ● 国営孵化場

PUBLIC OR PRIVATE
MANAGEMENT HATCHERY ● 民営(一部公営)孵化場

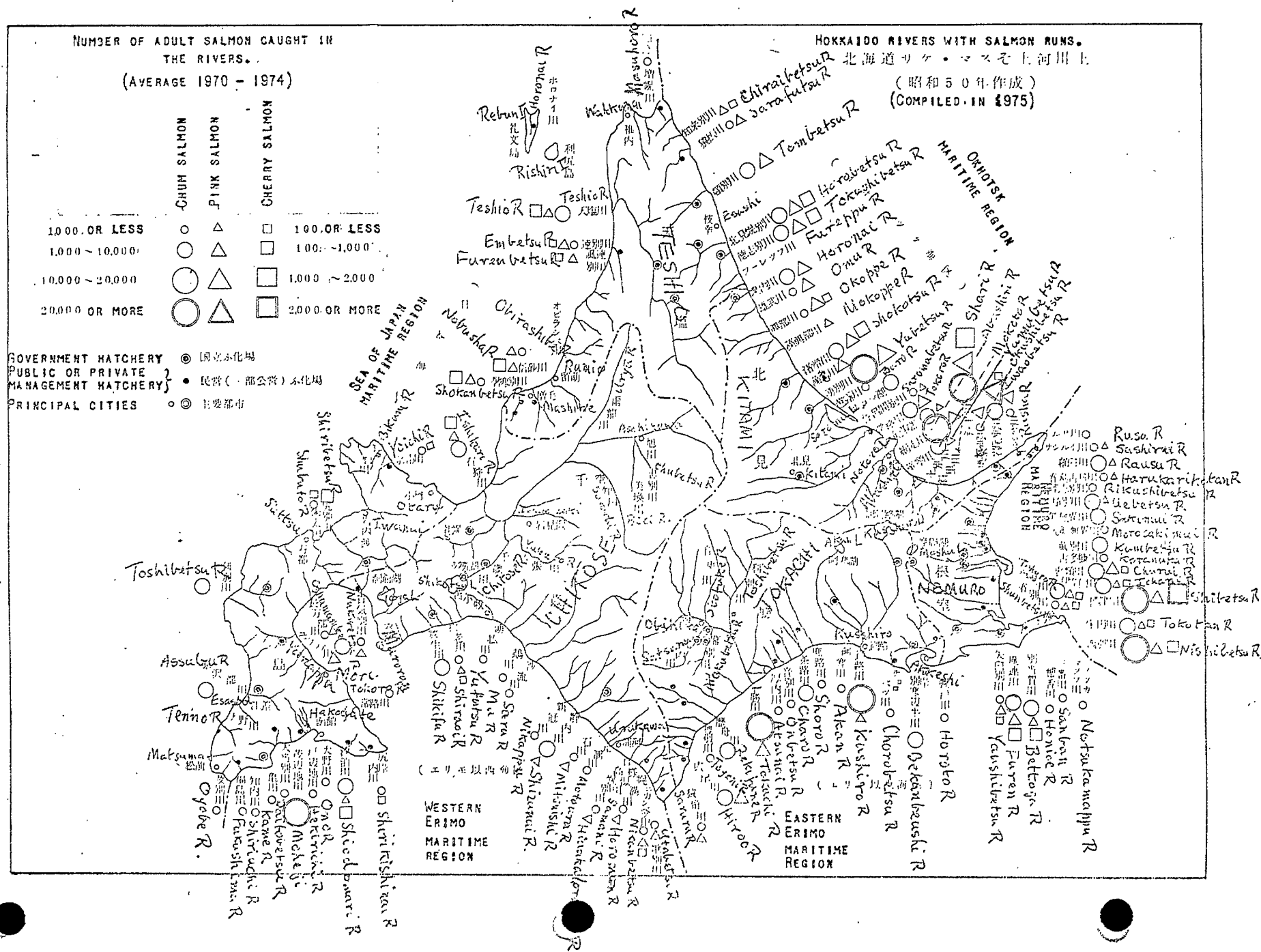
PRINCIPAL CITIES ○ 主要都市

HOKKAIDO RIVERS WITH SALMON RUNS.

北海道サケ・マス・マスノ河川上

(昭和50年作成)

(COMPILED IN 1975)



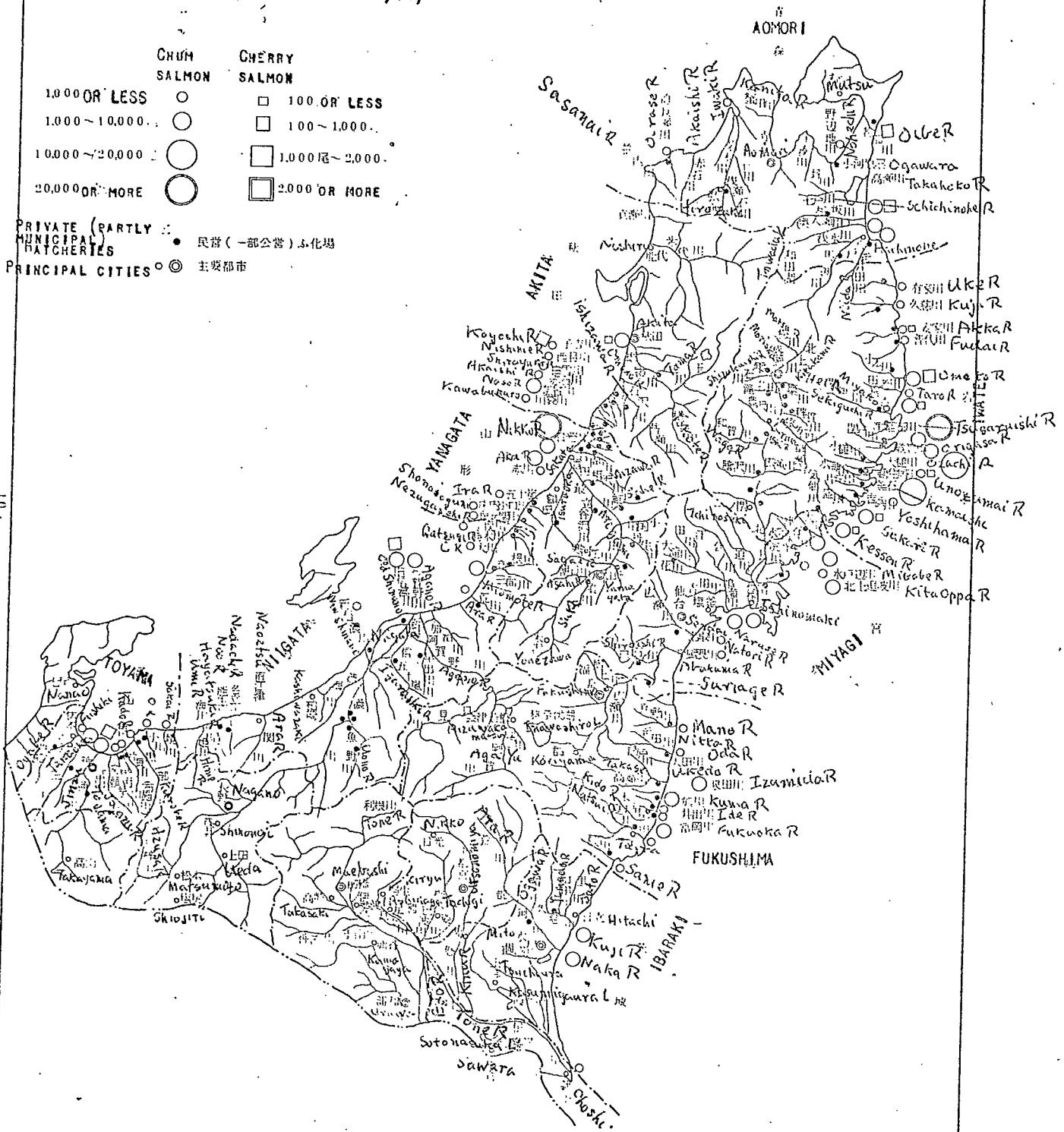
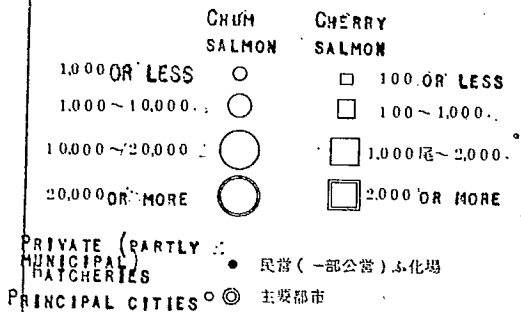
本州（東北六県及び新潟・富山・茨城）サケ・マス上河川図（昭和50年作成）

MAP OF THE RIVERS WITH SALMON RUNS IN HONSHU (THE SIX NORTH-EASTERN PREFECTURES TOGETHER WITH
 NIIGATA, TOYAMA AND ISARAKI)
 COMPILED IN 1975.

河川内サケ・マス親魚捕獲尾数

(1970-1974年平均)

AVERAGE NUMBERS OF SALMON CAUGHT
 IN THE RIVERS (AVERAGE FOR 1970/74)



Maps by maritime region and prefecture
of the rivers used for
salmon and trout breeding.

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EXPLANATORY NOTES FOR THE RIVER MAPS

1. THE RIVER MAPS ARE BASED ON 1:200 000 MAPS, AND PRINTED ON A REDUCED SCALE
2. THE MAPS ARE IN GENERAL DIVIDED INTO THE FOLLOWING MARITIME REGIONS, BUT IN HOKKAIDO ONE MARITIME REGION MAY BE DIVIDED INTO PARTS 1 TO 5. FROM NORTH TO SOUTH.

HOKKAIDO		HONSHU	
OKHOTSK MARITIME REGION	1	AOMORI (PACIFIC SIDE)	6
NEMURO MARITIME REGION	2	IWATE	7
ERIMO EAST MARITIME REGION	3	MIYAGI	8
ERIMO WEST MARITIME REGION	4	FUKUSHIMA	9
JAPAN SEA MARITIME REGION	5	IBARAKI	10
		AOMORI (JAPAN SEA SIDE)	11
		AKITA	12
		YAMAGATA	13
		NIIGATA	14
		TOYAMA	15

3. ITEMS ENTERED ON THE MAPS.

- (A) RIVER NUMBERS ARE ASSIGNED BY MARITIME REGION AND PREFECTURE, IN ORDER FROM THE NORTH
- (B) THE DISTANCE FROM THE RIVER MOUTH TO THE SITE OF THE CATCHING PLACE 5K
- (C) THE DISTANCE FROM THE RIVER MOUTH TO THE SITE OF THE HATCHERY 8K
- (D) THE EGG AND FRY CAPACITIES OF EACH HATCHERY OPERATION



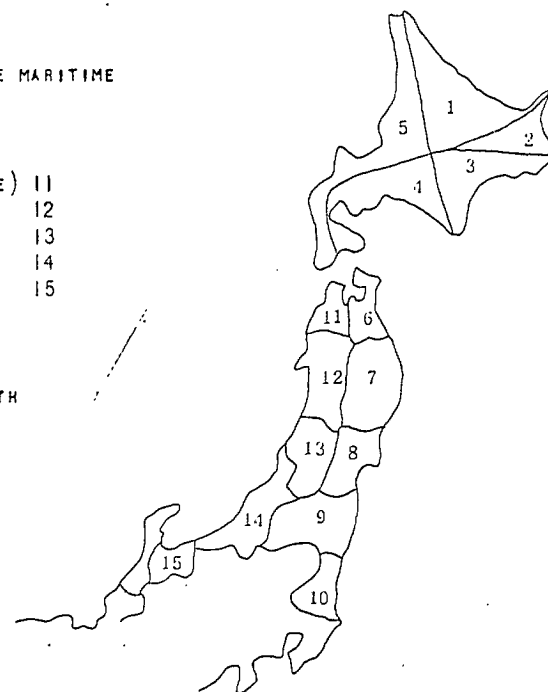
HATCHERY CAPACITY (UNITS: 10 000 EGGS)

REARING POND CAPACITY (UNITS: 10 000 FISH)

- (E) FISH LADDERS, FISH WAYS GRAVEL EXTRACTION
- (F) THE FISH SPECIES, THE FIVE-YEAR AVERAGE UP-STREAM RUN, AND THE RUN SEASON

EARLY SEP TO LATE JAN		(RUN SEASON)	(RUN SIZE, UNITS: 1 FISH)
CHUM SALMON K		PINK SALMON G	
ONCORHYNCHUS KETA		ONCORHYNCHUS GORBUSCHA	
		CHERRY SALMON M	
		ONCORHYNCHUS MASOU	

- (G) TRANSPLANT RIVERS (T) AND EXPERIMENTAL RIVERS (X)
- (H) CONSERVATION WATERS (NATIONAL DIRECTION) AND RESOURCE CONSERVATION WATERS (HOKKAIDO DIRECTION)
- (I) PRINCIPAL CITIES, TOWNS, VILLAGES AND RAILWAYS

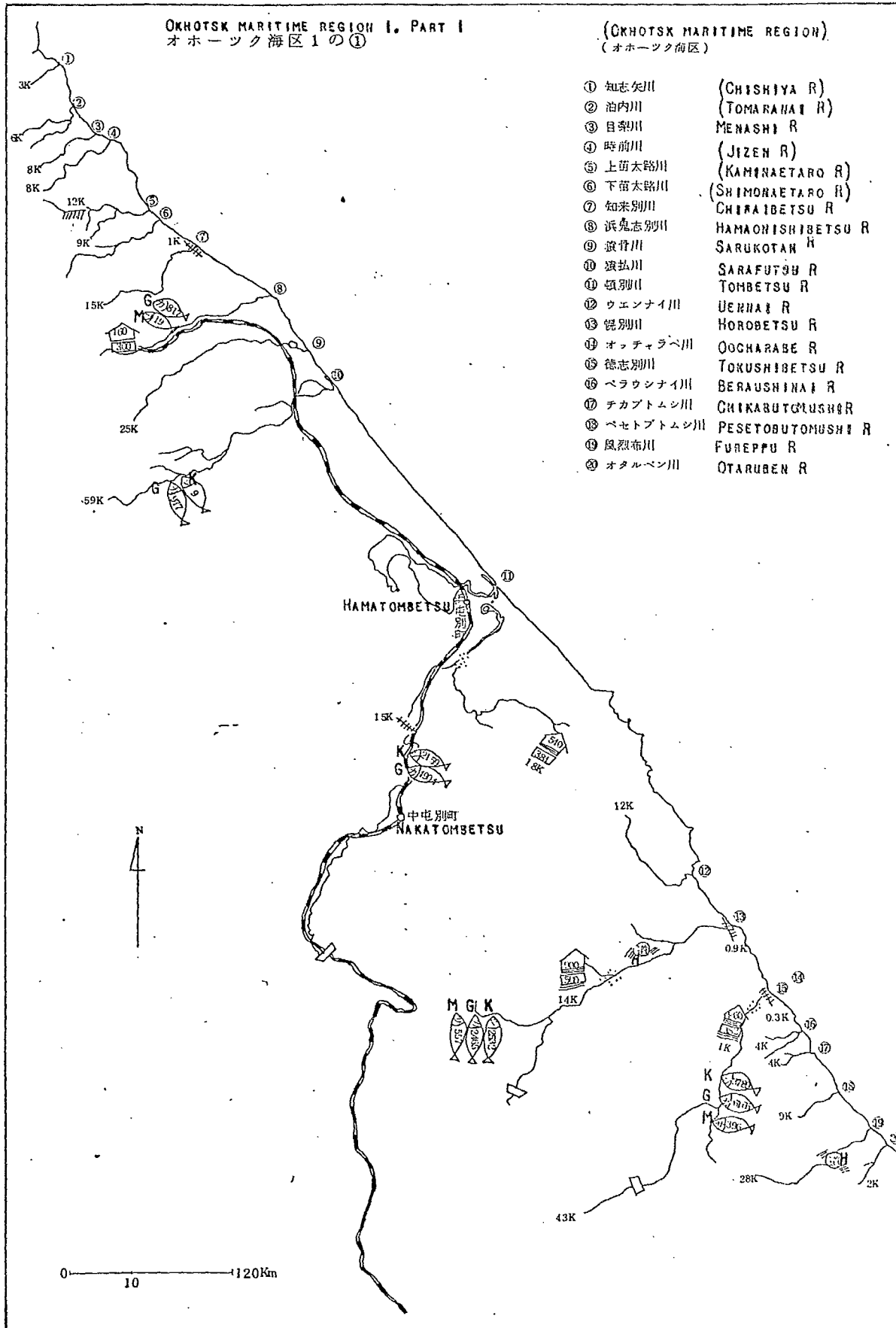


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OKHOTSK MARITIME REGION I. PART I
オホーツク海区1の①

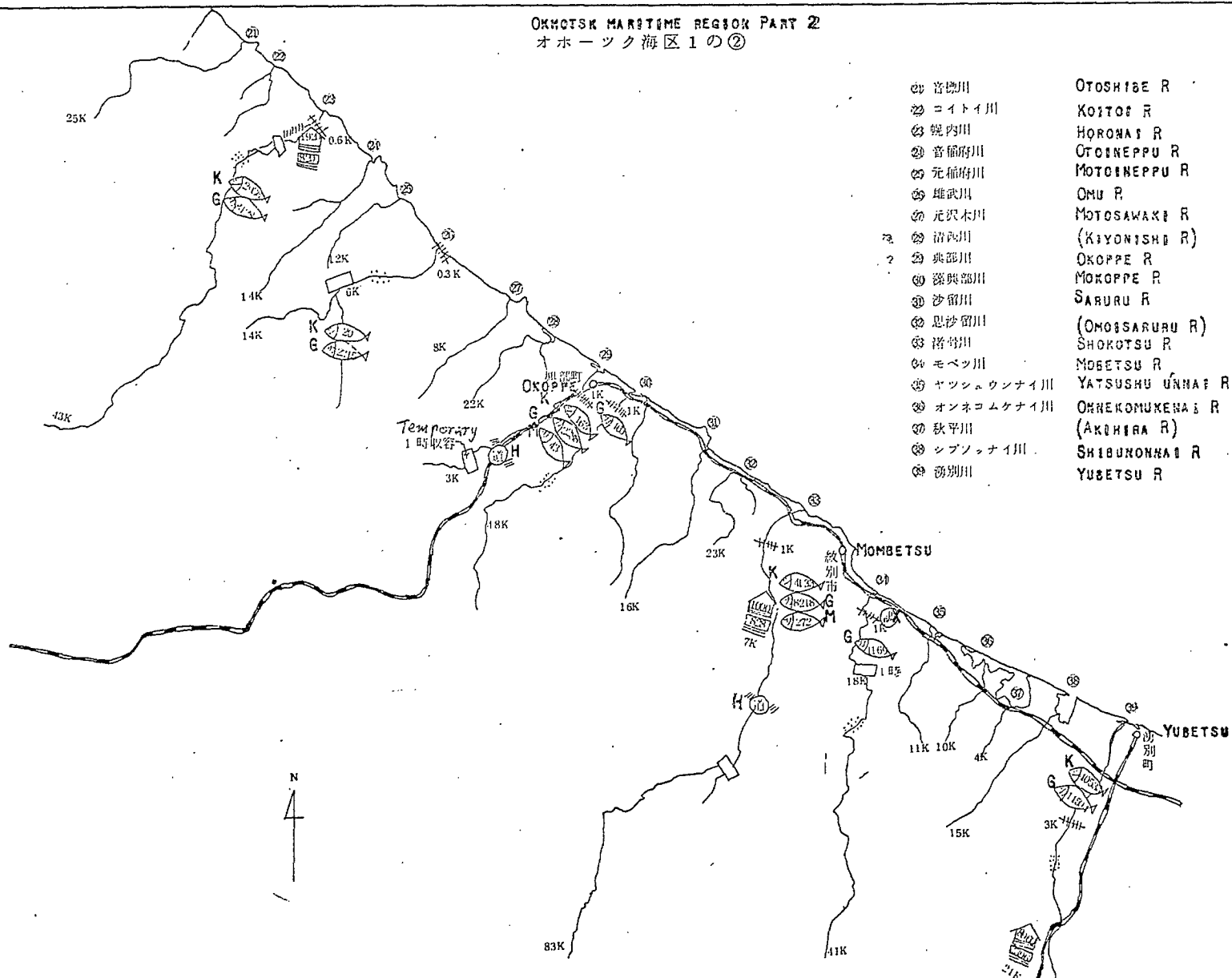
(OKHOTSK MARITIME REGION)
(オホーツク海区)

- | | |
|-----------|-------------------|
| ① 知志矢川 | (CHISHIYA R) |
| ② 泊内川 | (TOMARAHAI R) |
| ③ 目梨川 | MENASHI R |
| ④ 時前川 | (JIZEN R) |
| ⑤ 上苗太路川 | (KAMINAETARO R) |
| ⑥ 下苗太路川 | (SHIMONAETARO R) |
| ⑦ 知来別川 | CHIRAI BETSU R |
| ⑧ 浜鬼志別川 | HAMAONISHIBETSU R |
| ⑨ 狭骨川 | SARUKOTAN R |
| ⑩ 狭払川 | SARAFUTSU R |
| ⑪ 頓別川 | TOMBETSU R |
| ⑫ ウェンナイ川 | UENNAI R |
| ⑬ 幌別川 | HOROBETSU R |
| ⑭ オッチャラベ川 | OCHARABE R |
| ⑮ 徳志別川 | TOKUSHIBETSU R |
| ⑯ ベラウシナイ川 | BERAUSHINAI R |
| ⑰ チカブトムシ川 | CHIKABUTOMUSHI R |
| ⑱ ペセトトムシ川 | PESETOTOMUSHI R |
| ⑲ 風烈布川 | FUREPPU R |
| ⑳ オタルベン川 | OTARUBEN R |

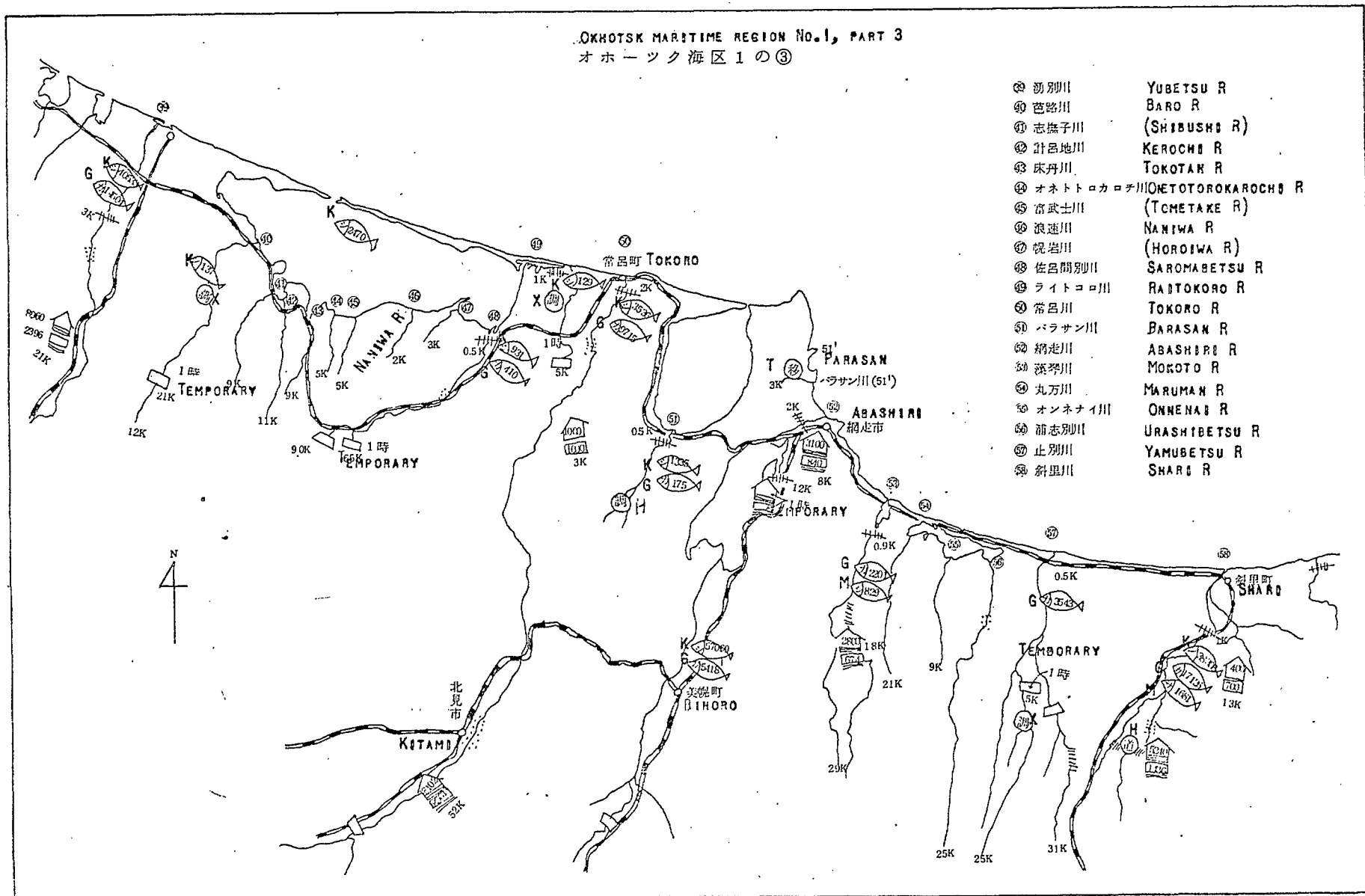


OKHOTSK MARITIME REGION PART 2
オホーツク海区 1 の ②

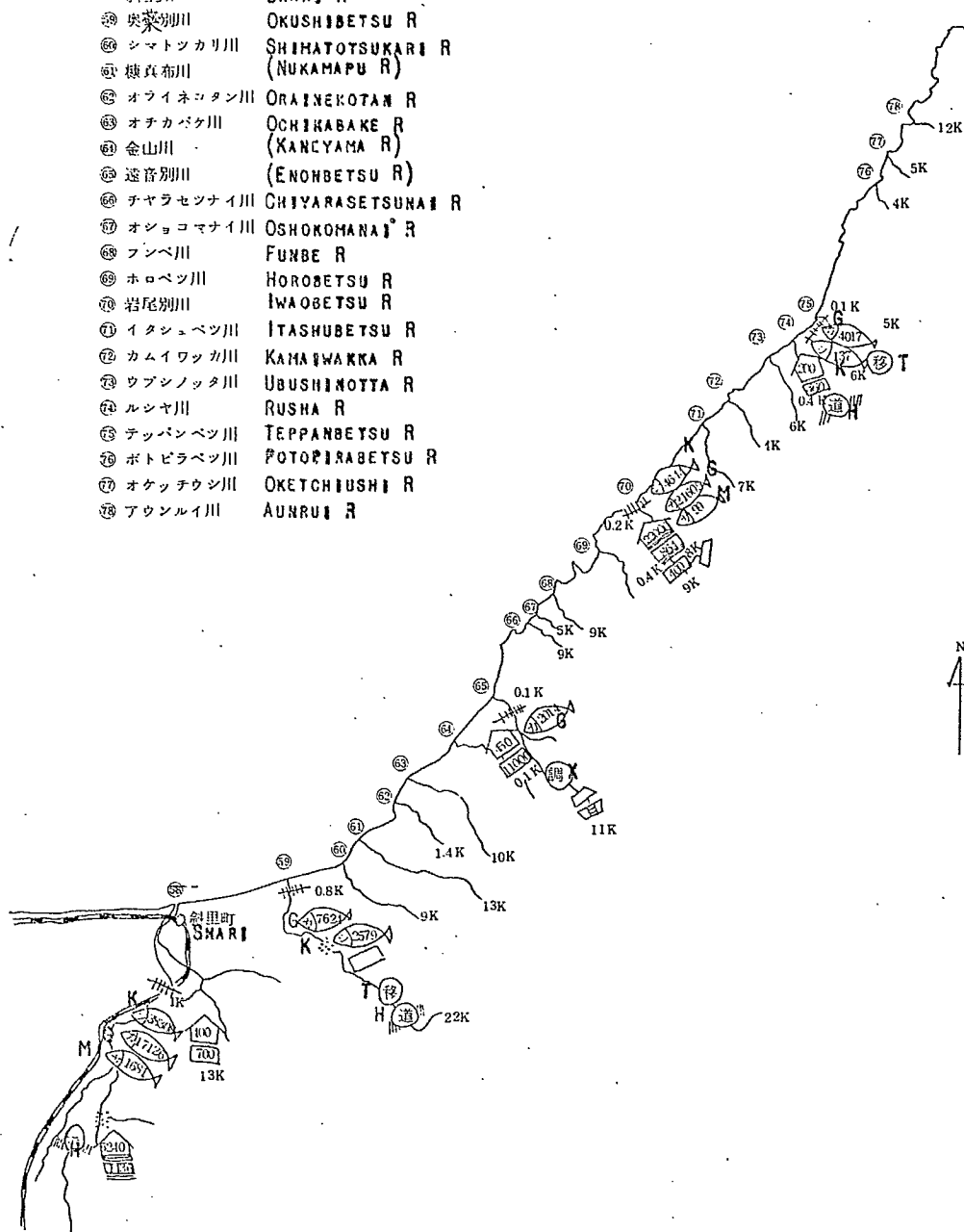
- | | |
|-------------|------------------|
| ㉔ 音徳川 | OTOSHIBE R |
| ㉕ コイトイ川 | KOITOI R |
| ㉖ 幌内川 | HORONAI R |
| ㉗ 音節海川 | OTOINEPPU R |
| ㉘ 元節海川 | MOTOINEPPU R |
| ㉙ 雄武川 | OMU R |
| ㉚ 元沢木川 | MOTOSAWAKI R |
| ㉛ 沼沢川 | (KIYONISHI R) |
| ㉜ 奥節川 | OKOPPE R |
| ㉝ 深奥節川 | MOKOPPE R |
| ㉞ 沙留川 | SARURU R |
| ㉟ 思沙留川 | (OMOSARURU R) |
| ㊱ 落雪川 | SHOKOTSU R |
| ㊲ モベツ川 | MOBETSU R |
| ㊳ ヤツシュウシナイ川 | YATSUSHU UNNAI R |
| ㊴ オンネコムケナイ川 | ONNEKOMUKENAI R |
| ㊵ 秋平川 | (AKUHIRA R) |
| ㊶ シブソツナイ川 | SHIBUNONNAI R |
| ㊷ 湧別川 | YUBETSU R |



OKHOTSK MARITIME REGION No.1, PART 3
オホーツク海区 1 の③



- | | |
|-------------|-------------------|
| 58 斜里川 | SHARI R |
| 59 奥奈別川 | OKUSHIBETSU R |
| 60 シマトツカリ川 | SHIMATOTSUKARI R |
| 61 糠真布川 | (NUKAMAPU R) |
| 62 オライネコタン川 | ORAINEKOTAN R |
| 63 オチカバケ川 | OCHIKABAKE R |
| 64 金山川 | (KANCYAMA R) |
| 65 遠音別川 | (ENONBETSU R) |
| 66 チャラセツナイ川 | CHIYARASETSUNAI R |
| 67 オショコマナイ川 | OSHOKOMANAI R |
| 68 フンベ川 | FUNBE R |
| 69 ホロベツ川 | HOROBETSU R |
| 70 岩尾別川 | IWAOBETSU R |
| 71 イタシュベツ川 | ITASHUBETSU R |
| 72 カムイワツカ川 | KAMUWAKKA R |
| 73 ウブシノツタ川 | UBUSHINOTTA R |
| 74 ルシヤ川 | RUSHA R |
| 75 テッパンベツ川 | TEPPANBETSU R |
| 76 ポトピラベツ川 | POTOPIRABETSU R |
| 77 オケツチウシ川 | OKETCHIUSHI R |
| 78 アウンルイ川 | AUNRU R |

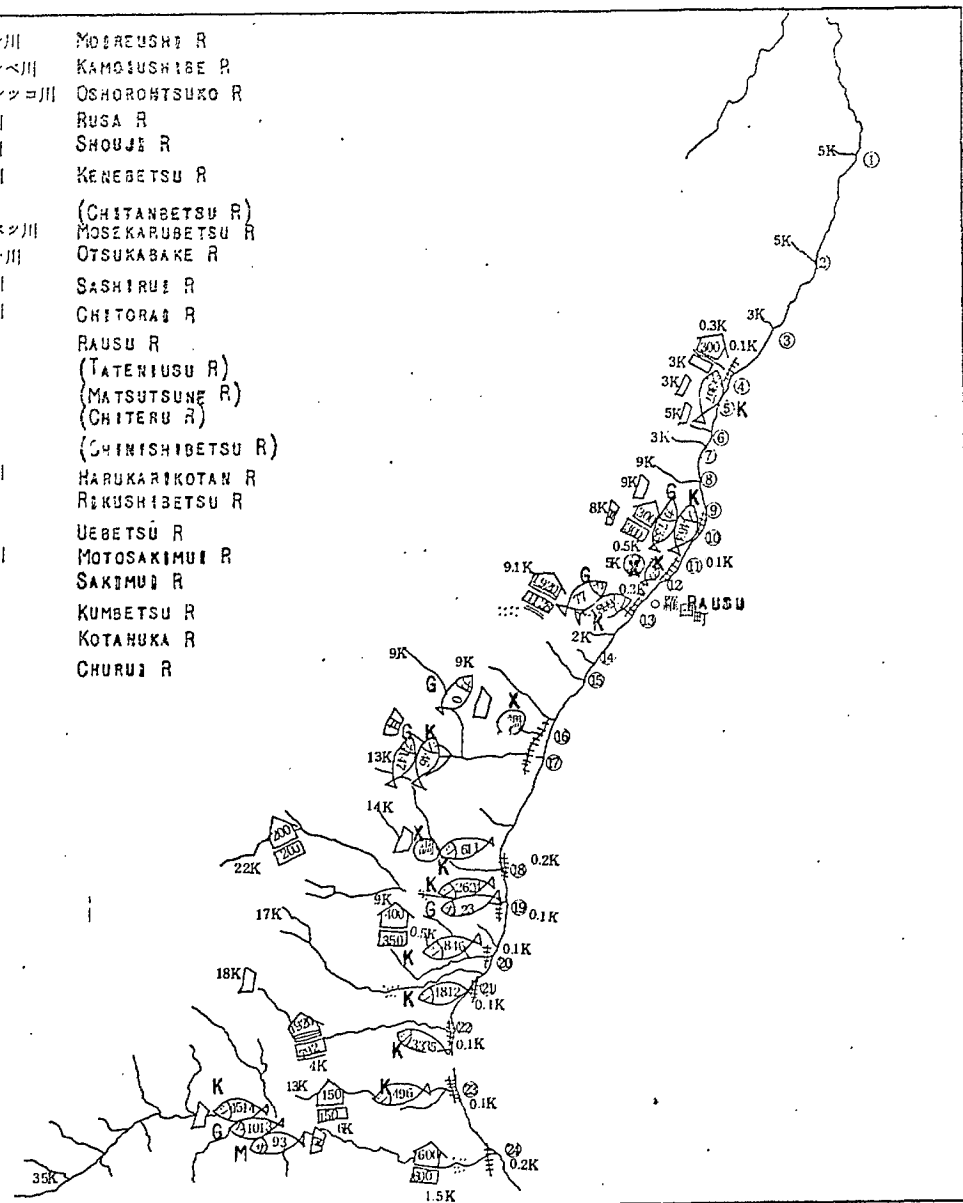


NEMURO MARITIME REGION No 2, PART 1.

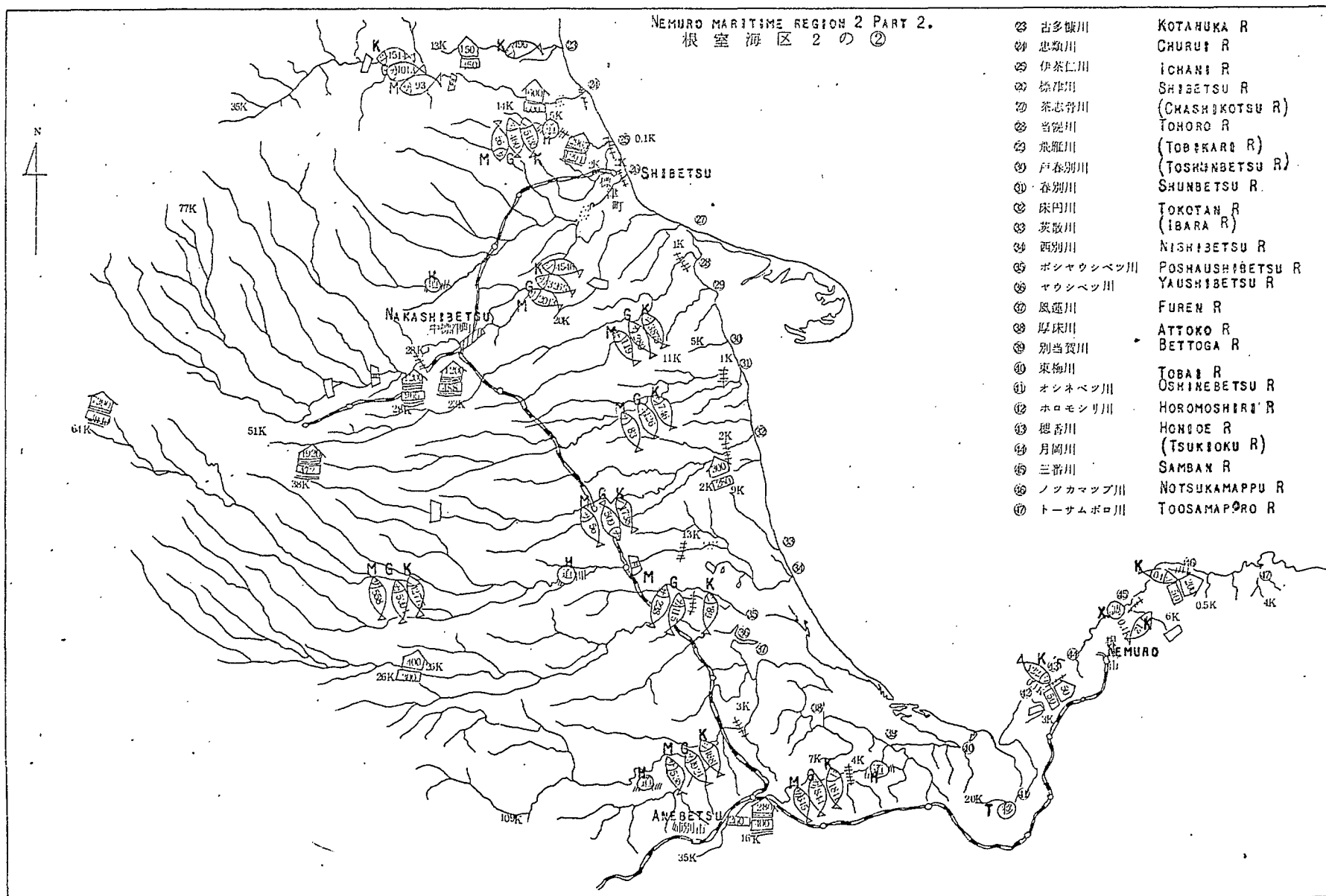
根室海区 2 の ①

(根室海区)
(NEMURO
MARITIME
REGION)

- | | | |
|---|----------|-------------------|
| ① | モイレウシ川 | MOIREUSHI R |
| ② | カモイウシベ川 | KAMOUSHIBE R |
| ③ | オシヨロンツコ川 | OSHOROTSUKO R |
| ④ | ルサ川 | RUSA R |
| ⑤ | シヨウジ川 | SHOUJI R |
| ⑥ | ケネベツ川 | KENEBETSU R |
| ⑦ | 知内別川 | (CHITANBETSU R) |
| ⑧ | モセカルベツ川 | MOSEKARUBETSU R |
| ⑨ | オツカバケ川 | OTSUKABAKE R |
| ⑩ | サシイル川 | SASHIRUI R |
| ⑪ | チトライ川 | CHITORAI R |
| ⑫ | 羅白川 | RAUSU R |
| ⑬ | 立仁白川 | (TATENIUSU R) |
| ⑭ | 松法川 | (MATSUTSUNE R) |
| ⑮ | 知照川 | (CHITERU R) |
| ⑯ | 知西別川 | (CHINISHIBETSU R) |
| ⑰ | 春刈古丹川 | HARUKARIKOTAN R |
| ⑱ | 陸志別川 | RIKUSHIBETSU R |
| ⑲ | 植別川 | UEBETSU R |
| ⑳ | 元崎無異川 | MOTOSAKIMUI R |
| ㉑ | 崎無異川 | SAKIMUI R |
| ㉒ | 藻別川 | KUMBETSU R |
| ㉓ | 古多摩川 | KOTAHUKA R |
| ㉔ | 忠類川 | CHURU R |

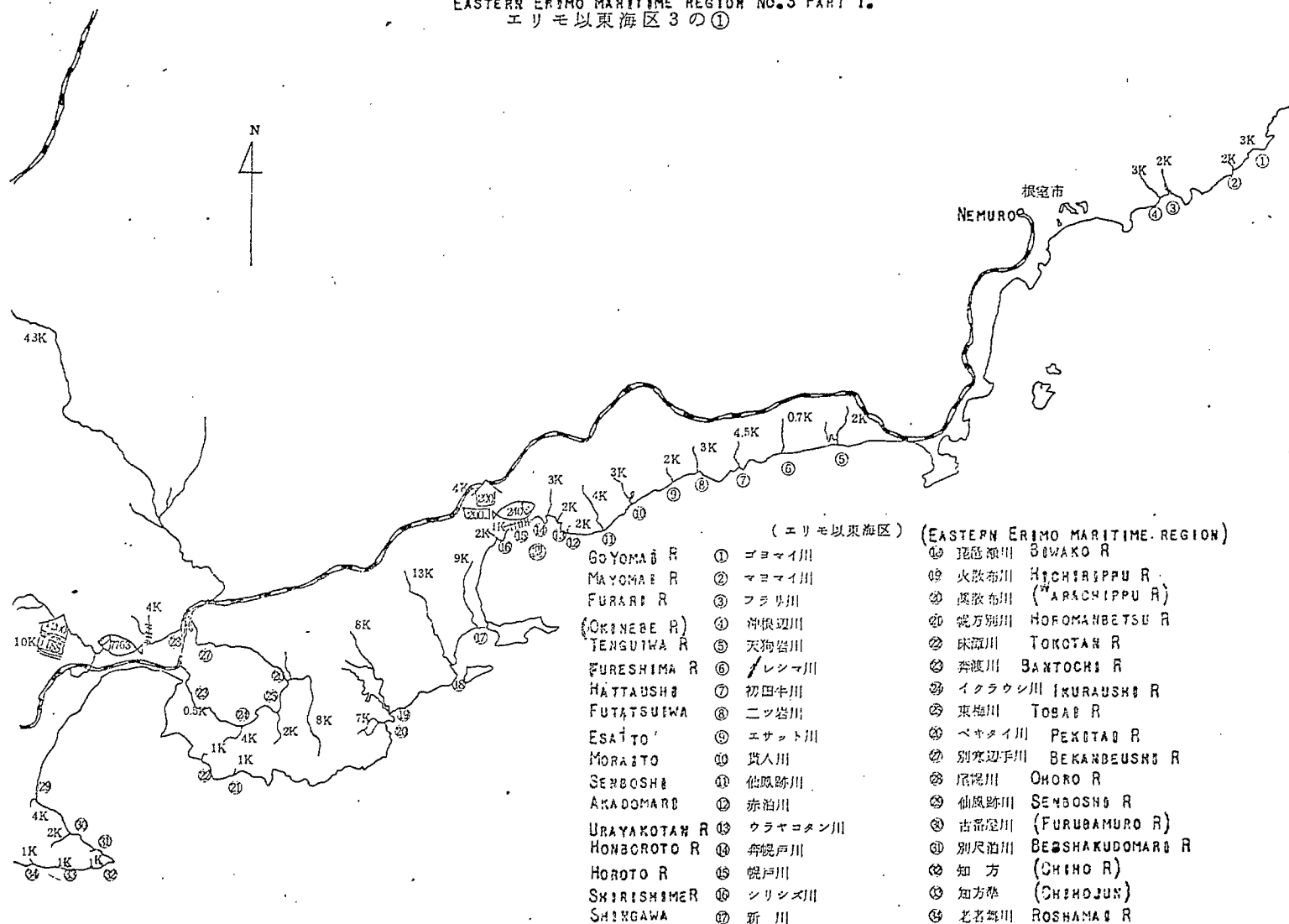


NEMURO MARITIME REGION 2 PART 2.
根室海区 2 の ②



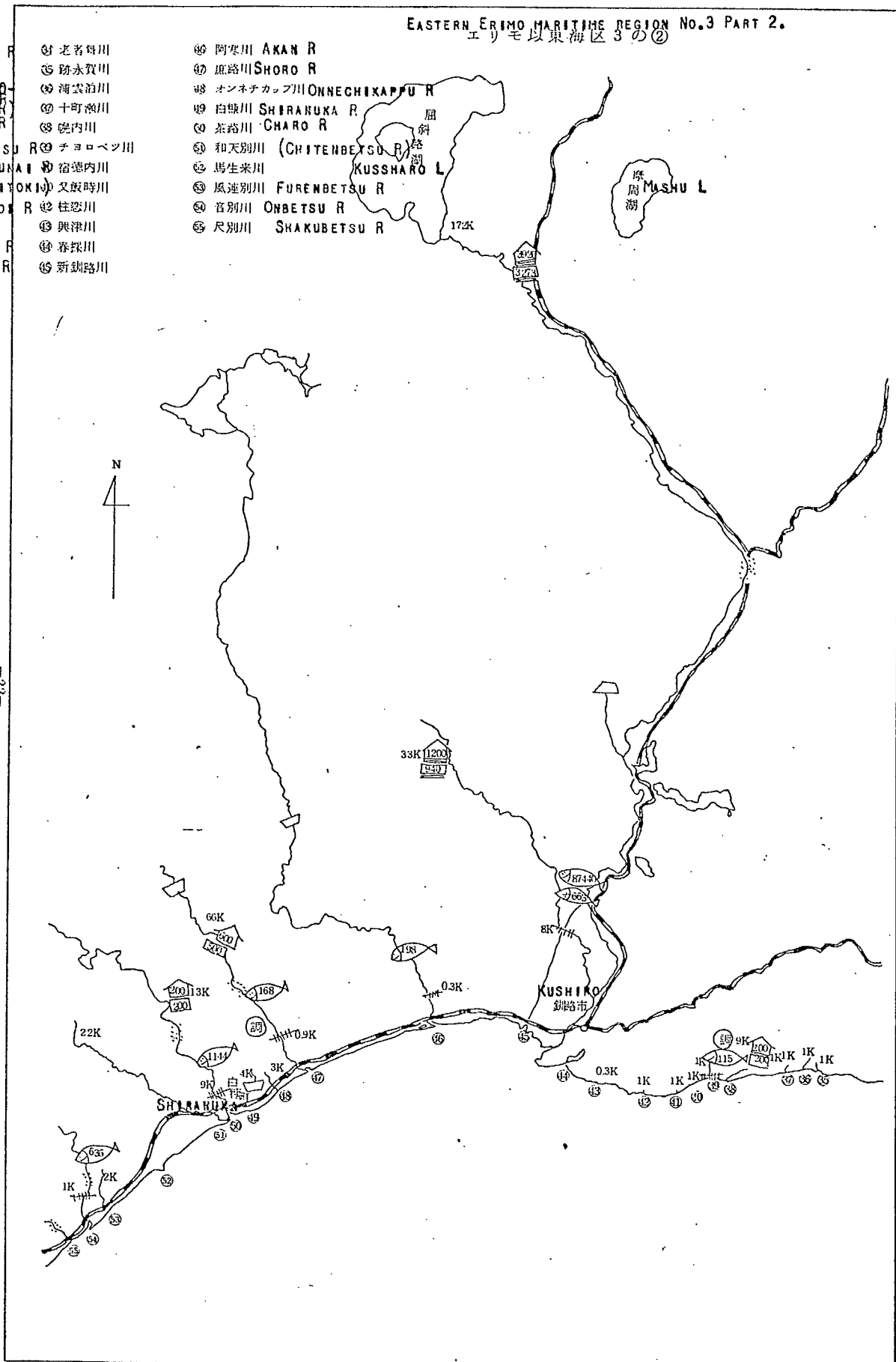
EASTERN ERIMO MARITIME REGION No.3 PART 1.

エリモ以東海区 3 の①



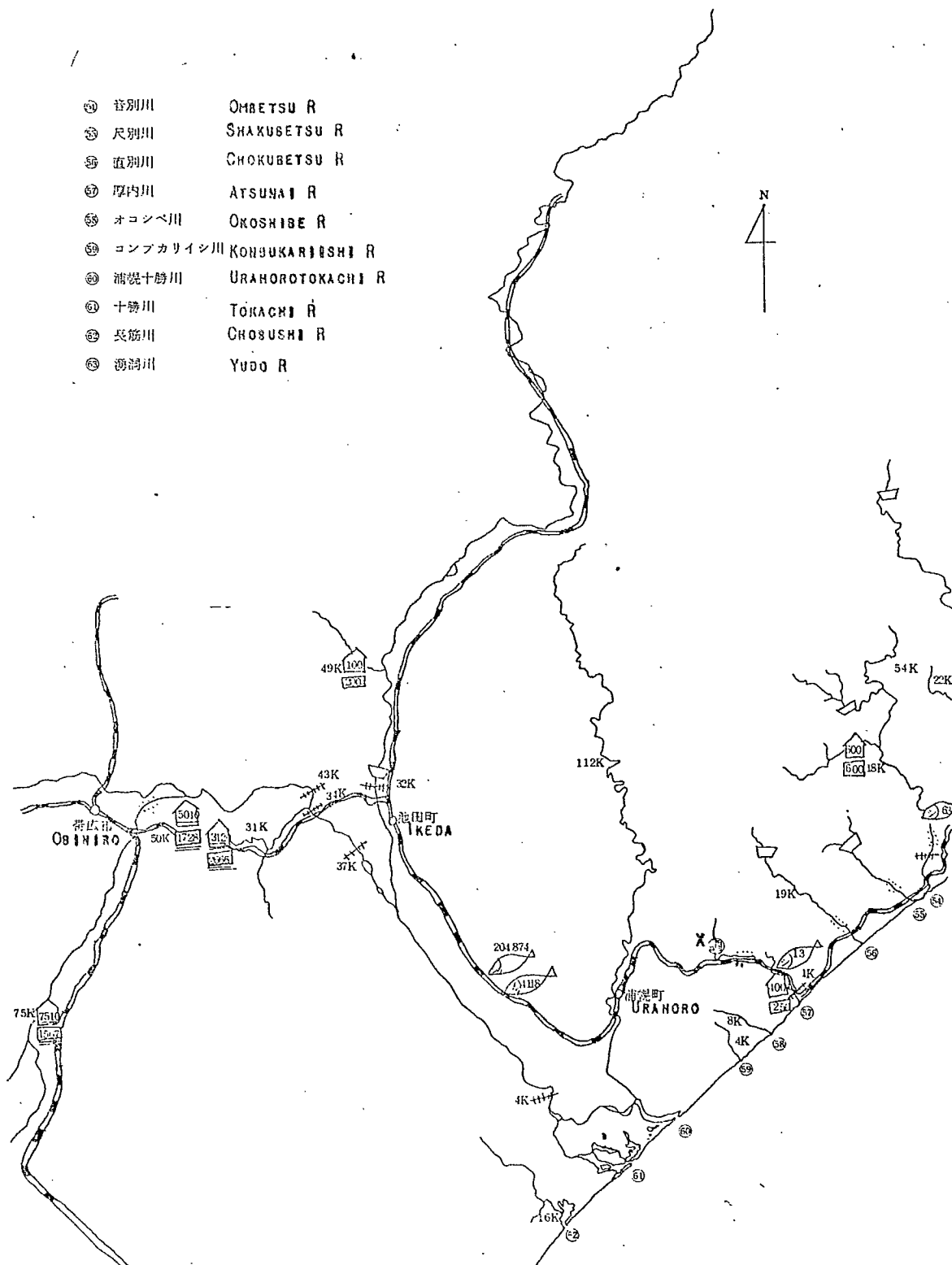
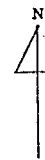
ROSHAMA R ⑧ 老母川
ATOEGA R ⑨ 跡永賀川
URAKUNOE R ⑩ 薄雲泊川
(TOSHOSE) ⑪ 十町瀬川
HORONAI R ⑫ 碓内川
CHOROBETSU R ⑬ チョロベツ川
SHUKUTOKUNAI R ⑭ 宿徳内川
(MATAMESHIYOKI) ⑮ 又飯時川
KATSURAKO R ⑯ 住忍川
OKOTSU R ⑰ 興津川
ARUTORI R ⑱ 春採川
KUSHIRO R ⑲ 新銅路川

② 阿寒川 AKAN R
③ 釧路川 SHORO R
④ オンネチカフ川 ONNECHIKAPPU R
⑤ 白根川 SHIRANUKA R
⑥ 差路川 CHARO R
⑦ 和天別川 (CHITENBETSU R) 経湖
⑧ 馬生来川
⑨ 風連別川 FURENBETSU R
⑩ 吾別川 ONBETSU R
⑪ 尺別川 SHAKUBETSU R

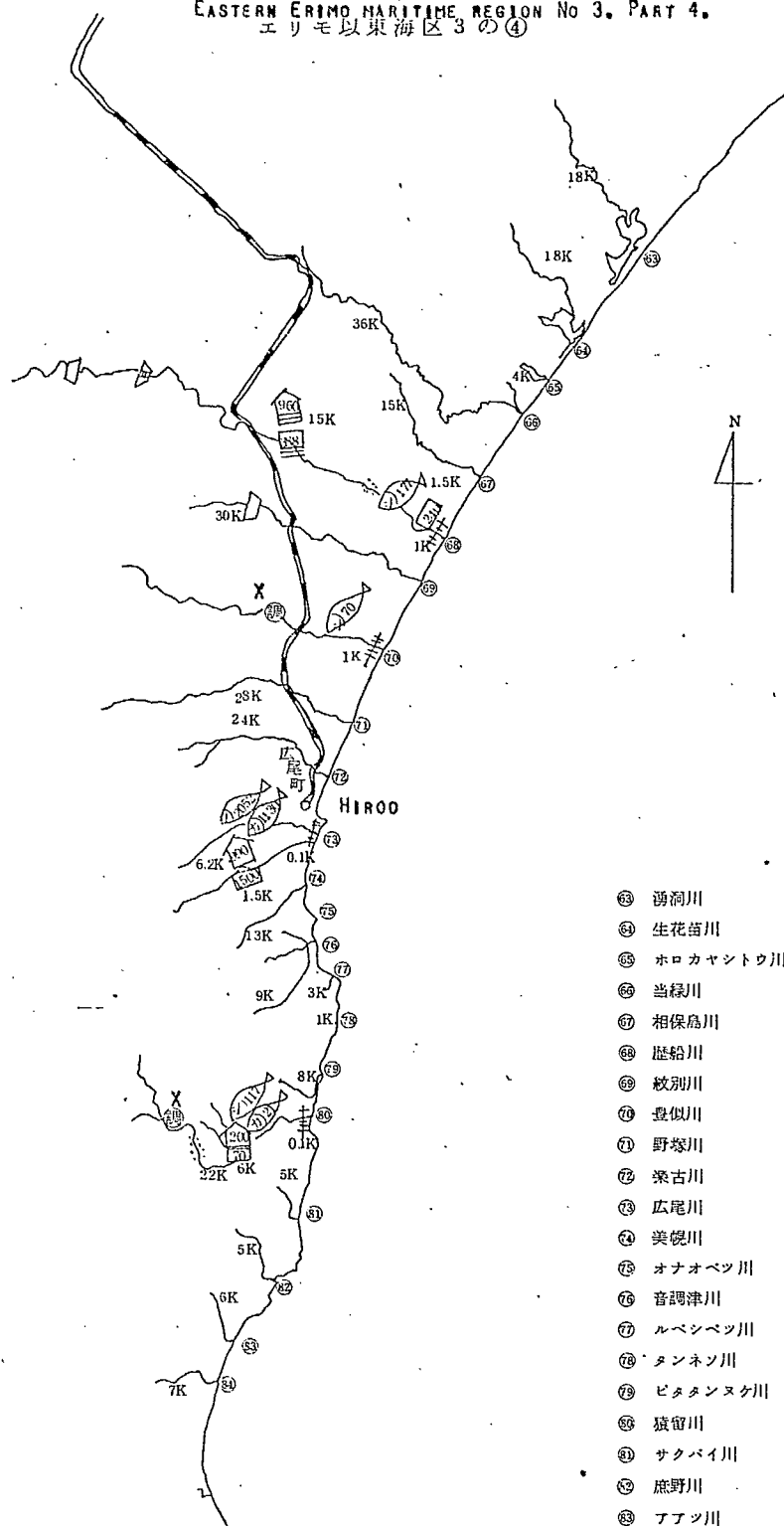


EASTERN ERIMO MARITIME REGION No.3 PART 3.
 エリモ以東海区3の③

- | | | |
|---|---------|------------------|
| ㉔ | 音別川 | OMAETSU R |
| ㉕ | 尺別川 | SHAKUBETSU R |
| ㉖ | 直別川 | CHOKUBETSU R |
| ㉗ | 厚内川 | ATSUNAI R |
| ㉘ | オコシベ川 | OKOSHIBE R |
| ㉙ | コンブカリシ川 | KONBUKARISHI R |
| ㉚ | 浦幌十勝川 | URAHOROTOKACHI R |
| ㉛ | 十勝川 | TOKACHI R |
| ㉜ | 長流川 | CHOSUSHI R |
| ㉝ | 湯涌川 | YUDO R |



EASTERN ERIMO MARITIME REGION No 3. PART 4.
 エリモ以東海区3の④



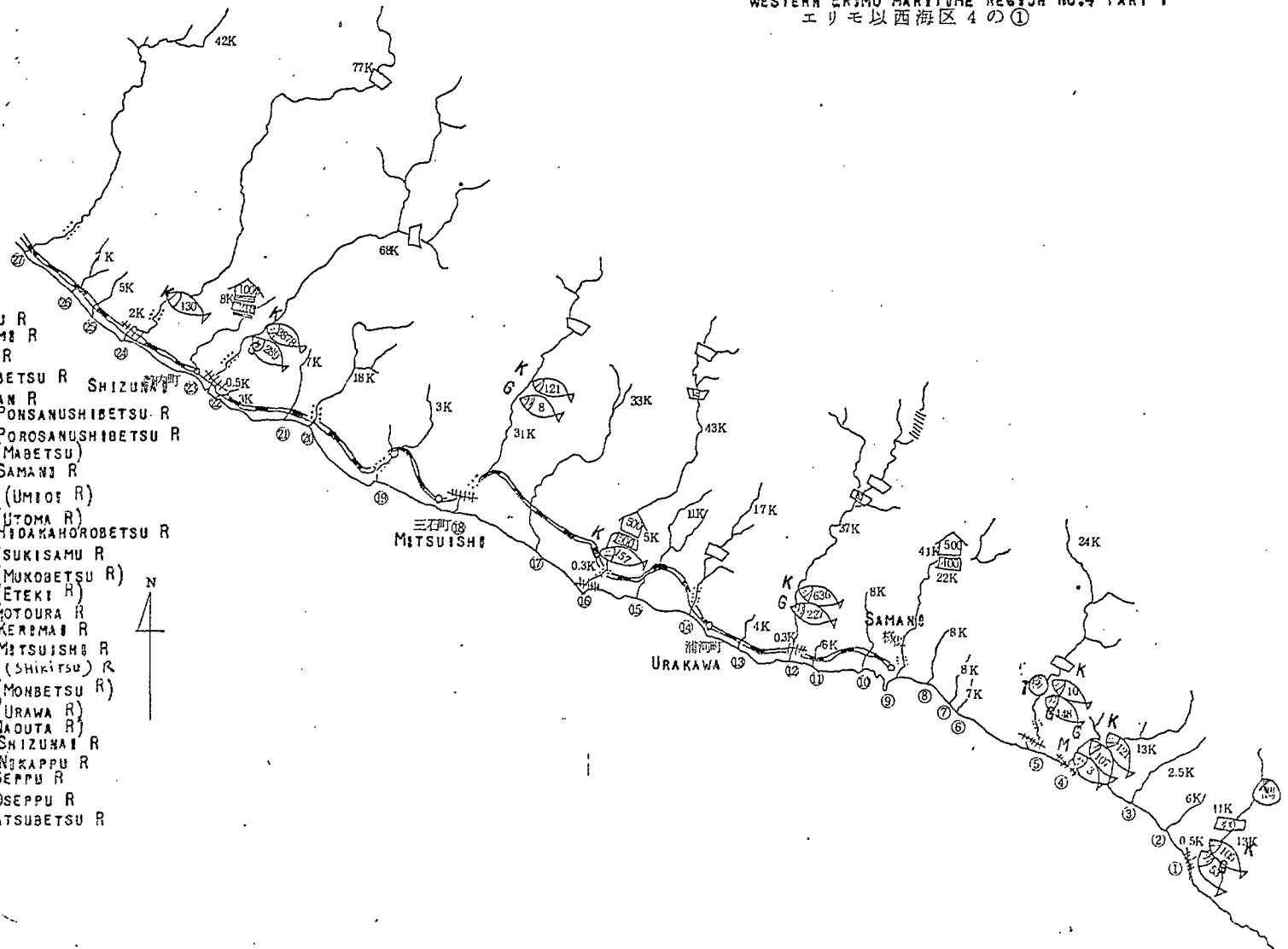
- | | |
|------------|-----------------|
| ③ 湧洞川 | YODO R |
| ④ 生花苗川 | SEIKANYO R |
| ⑤ ホロカヤシトウ川 | HOROKAYASHITO R |
| ⑥ 当緑川 | TOBERI R |
| ⑦ 相保島川 | (SOHOJIMA) R |
| ⑧ 歴船川 | REKIFUNE R |
| ⑨ 紋別川 | MONBETSU R |
| ⑩ 豊似川 | TOYONI R |
| ⑪ 野塚川 | NOTSUKA R |
| ⑫ 楽古川 | RAKKO R |
| ⑬ 広尾川 | HIROO R |
| ⑭ 美幌川 | BIHORO R |
| ⑮ オナオベツ川 | ONAOBETSU R |
| ⑯ 音調津川 | OSHIBETSU R |
| ⑰ ルベシベツ川 | RUBESHIBETSU R |
| ⑱ タンネソ川 | TANNESO R |
| ⑲ ビタタンヌケ川 | PITATANETSU R |
| ⑳ 猿留川 | SARURU R |
| ㉑ サクバイ川 | SAKABAI R |
| ㉒ 鹿野川 | SHOYA R |
| ㉓ アアツ川 | AATSU R |
| ㉔ 舌別川 | (TOMABETSU R) |

WESTERN ERIMO MARITIME REGION No.4 PART I
エリモ以西海区 4 の①

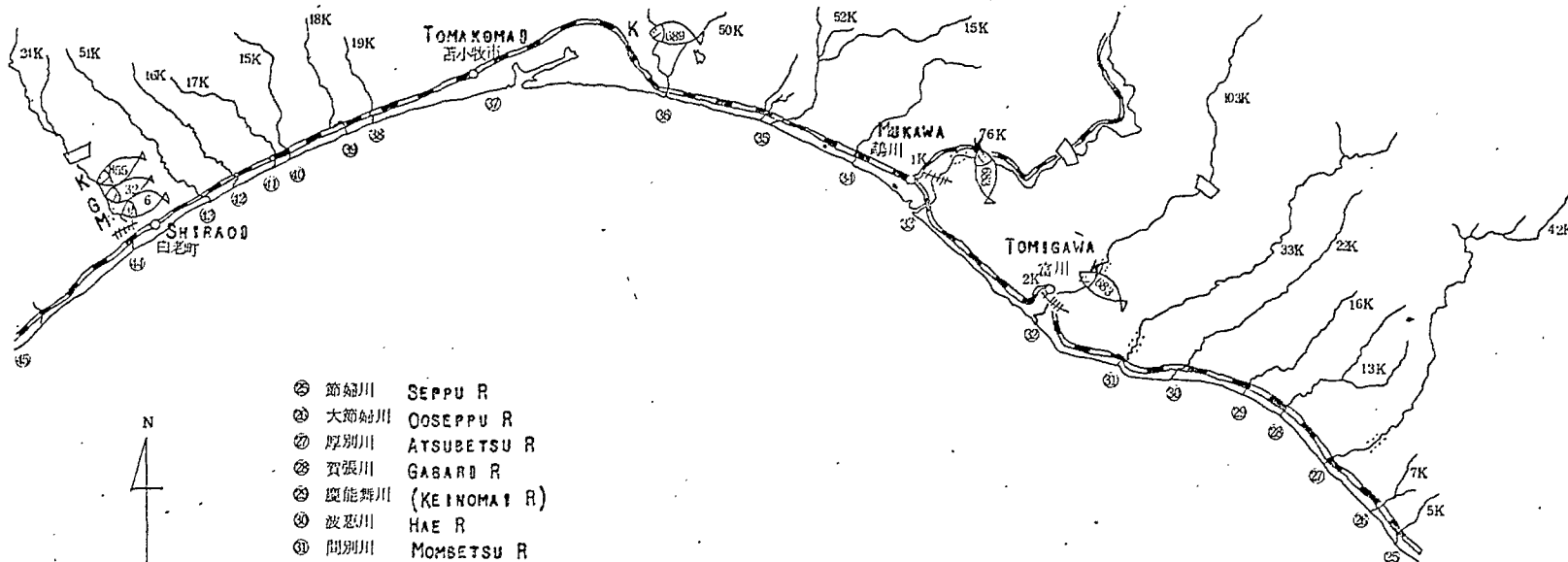
(WESTERN ERIMO
MARITIME REGION)

(エリモ以西海区)

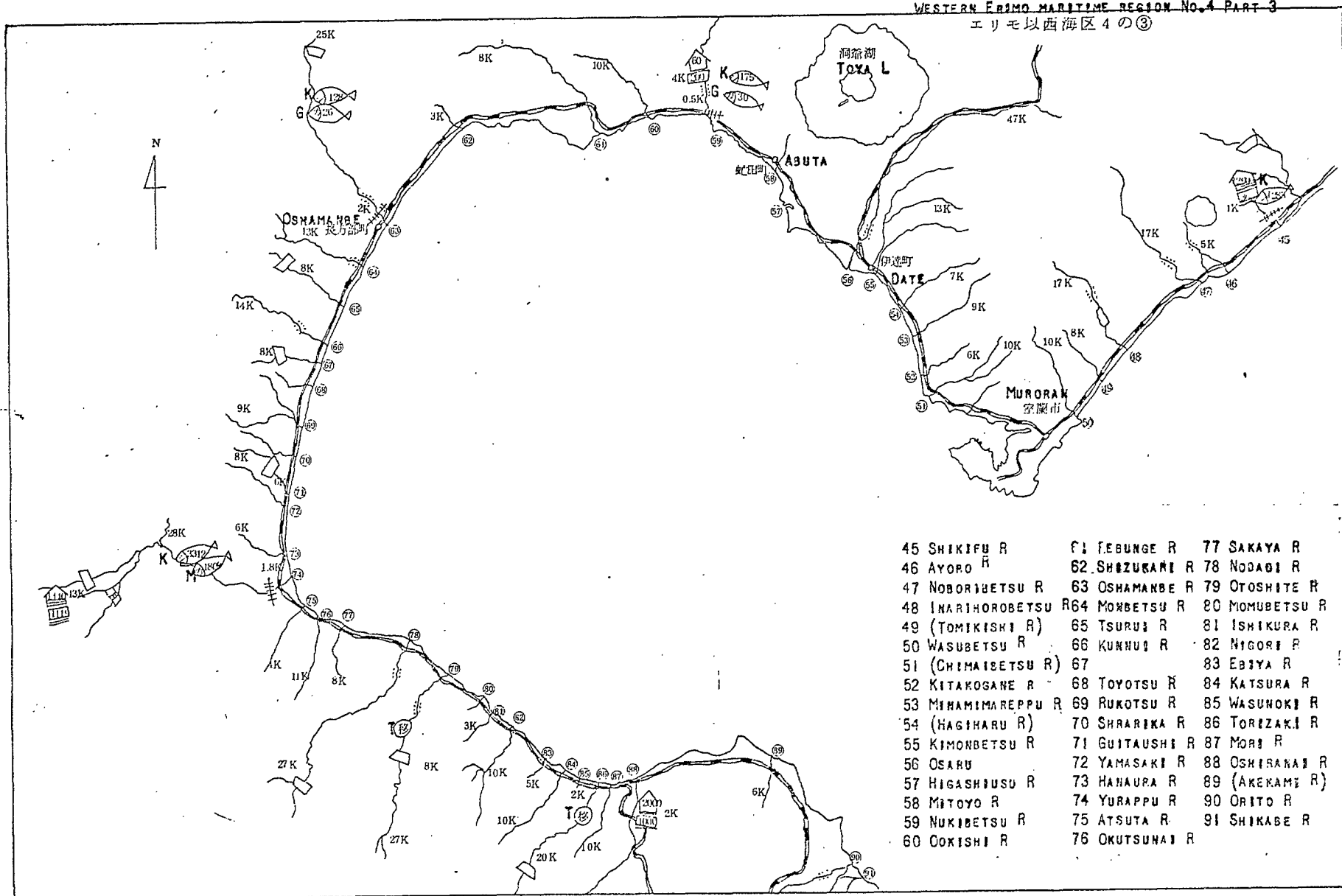
- ① 歌別川 UTABETSU R
- ② 幌泉川 HOROIZUMI R
- ③ 笛舞川 FUEMA R
- ④ 仁羅別川 NIKANBETSU R
- ⑤ 幌酒川 HOROMAN R
- ⑥ ボンサヌシベツ川 PONSANUSHIBETSU R
- ⑦ ポロサヌシベツ川 POROSANUSHIBETSU R
- ⑧ 間別川 (MABETSU)
- ⑨ 様似川 SAMANI R
- ⑩ 海辺川 (UMIOI R)
- ⑪ 鶴舌川 (UTOMA R)
- ⑫ 日高幌別川 HIDAKAHOROBETSU R
- ⑬ 月寒川 TSUKISAMU R
- ⑭ 向別川 (MUKOBETSU R)
- ⑮ 松笛川 (ETEKI R)
- ⑯ 元浦川 MOTOURA R
- ⑰ ケリマイ川 KERIMAI R
- ⑱ 三石川 MITSUISHI R
- ⑲ 布達川 (SHIKITSU R)
- ⑳ 樺別川 (MONBETSU R)
- ㉑ 浦和川 (URAWA R)
- ㉒ 直歌川 (NAOUTA R)
- ㉓ 静内川 SHIZUNAI R
- ㉔ 新冠川 NIKAPPU R
- ㉕ 節絶川 SEPPU R
- ㉖ 大爺婦川 OSEPPU R
- ㉗ 厚別川 ATSUBETSU R



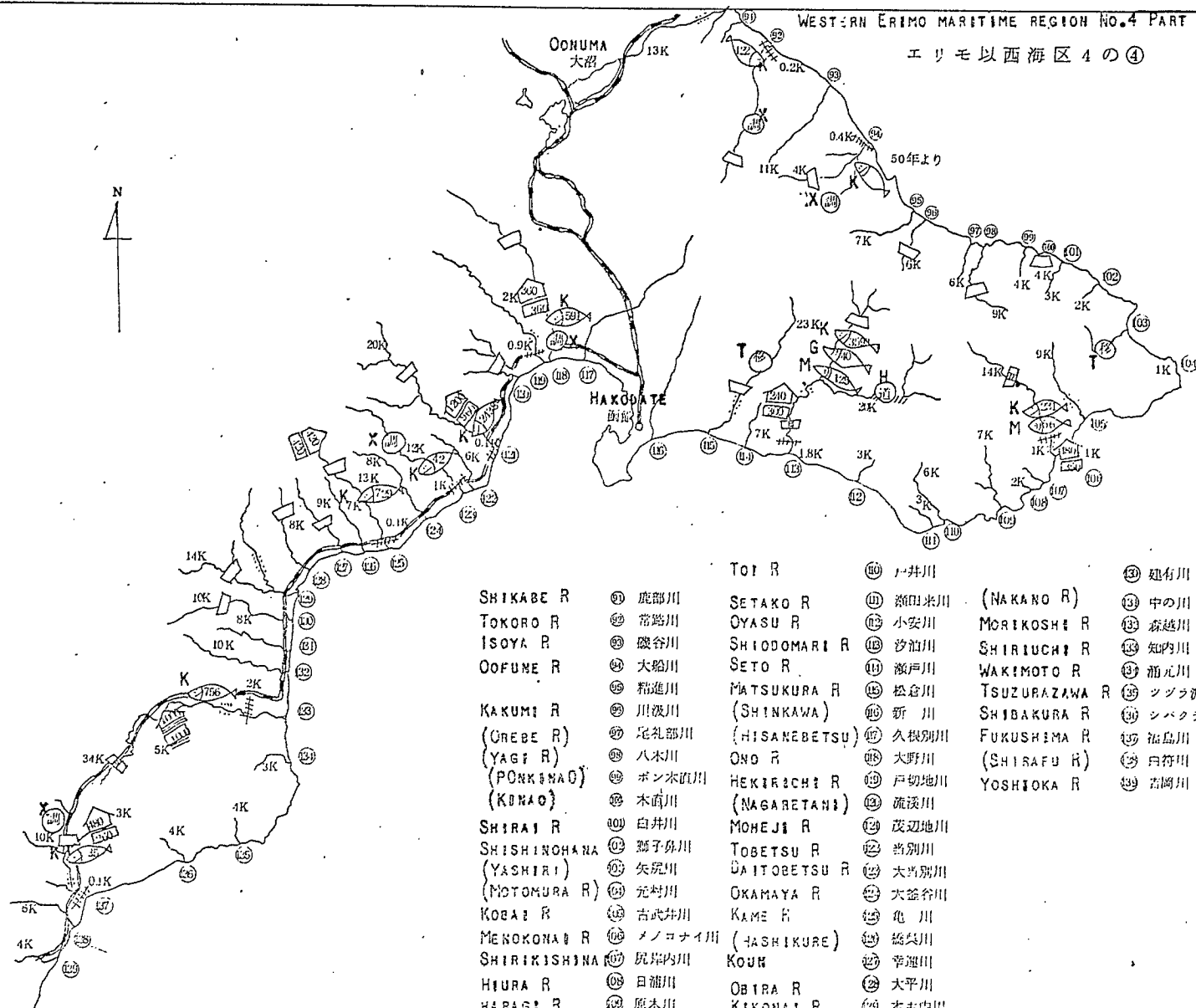
WESTERN ERIMO MARITIME REGION No.4 PART 2
エリモ以西海区4の②



- | | | |
|---|------|-----------------|
| ⑤ | 節婦川 | SEPPU R |
| ⑥ | 大節婦川 | OOSEPPU R |
| ⑦ | 厚別川 | ATSUBETSU R |
| ⑧ | 賀張川 | GAGARU R |
| ⑨ | 慶能舞川 | (KEINOMAI R) |
| ⑩ | 波忍川 | HAE R |
| ⑪ | 間別川 | MOMBETSU R |
| ⑫ | 沙流川 | SARU R |
| ⑬ | 嶋川 | MU R |
| ⑭ | 入鹿別川 | IRISHIKABETSU R |
| ⑮ | 厚真川 | ATSUMA R |
| ⑯ | 安平川 | ABIRA R |
| ⑰ | 舌小牧川 | TOMAKOMAI R |
| ⑱ | 小糸魚川 | OITOUO R |
| ⑲ | 節多峰川 | (KINTAKO R) |
| ⑳ | 覚生川 | OBOPPU R |
| ㉑ | 橋前川 | TARUMAE R |
| ㉒ | 別々川 | BETSUBETSU R |
| ㉓ | 社台川 | SHADAI R |
| ㉔ | 白老川 | SHIRAO R |
| ㉕ | 敷生川 | SHIKOFU R |



- | | | |
|---------------------|----------------|----------------|
| 45 SHIKIFU R | 61 FEBUNGE R | 77 SAKAYA R |
| 46 AYORO R | 62 SHEZUKANI R | 78 NODAGI R |
| 47 NOBORIBETSU R | 63 OSHAMABE R | 79 OTOSHITE R |
| 48 INARIHOROBETSU R | 64 MONBETSU R | 80 MOMUBETSU R |
| 49 (TOMIKISHI) R | 65 TSURU R | 81 ISHIKURA R |
| 50 WASUBETSU R | 66 KUNHU R | 82 NIGORI R |
| 51 (CHIMABETSU) R | 67 | 83 EBIYA R |
| 52 KITAKOGANE R | 68 TOYOTSU R | 84 KATSURA R |
| 53 MIHAMIMAREPPU R | 69 RUKOTSU R | 85 WASUNOKI R |
| 54 (HAGIHARU) R | 70 SHARAIKA R | 86 TORIZAKI R |
| 55 KIMONBETSU R | 71 GUITAUSHI R | 87 MORI R |
| 56 OSARU | 72 YAMASAKI R | 88 OSHIRANA R |
| 57 HIGASHIUSU R | 73 HANAURA R | 89 (AKEKAME) R |
| 58 MITOYO R | 74 YURAPPU R | 90 ORITO R |
| 59 NUKIBETSU R | 75 ATSUTA R | 91 SHIKABE R |
| 60 OXISHI R | 76 OKUTSUNA R | |



JAPAN SEA MARITIME REGION No.5 PART 1

日本海区5の①

REBUN IS.

礼文島



REBUN IS.

- 1 HORONAI R
- 2 KUSAZAMI R
- 3 (UCHIRO R)
- 4 (KITAPPAKU R)
- 5 KAFUKA R

- | | |
|----------------------|----------------------|
| 1 (YAHANAI R) | 16 BAROMUTSUNAI R |
| 2 ONKOROMAINA R | 17 UTTSU R |
| 3 SOYA R | 18 KITAHAMA R |
| 4 TOMIISO R | 19 EMBETSU R |
| 5 MASUORO R | 20 KUMAUSHUNAI R |
| 6 (SEIMOH R) | 21 TOMADAUSHUNAI R |
| 7 UESONAI R | 22 MOOTAKOSHIBETSU R |
| 8 KUSASHIRA R | 23 UTAKOSHIBETSU R |
| 9 UROSONAI R | 24 (NOBUKOMANAI R) |
| 10 KUTONEBETSU R | 25 FURENBETSU R |
| 11 YUCHI R | 26 MOSHOSAMBETSU R |
| 12 ONETOMANAI R | 27 SHOSAMBETSU R |
| 13 TESHIO R | 28 TESHIOSAKAE R |
| 14 NAKASARAKISHI R | 29 TESHIOARAAKE R |
| 15 MINAMISARAKISHI R | 30 MOCHIKUBETSU R |



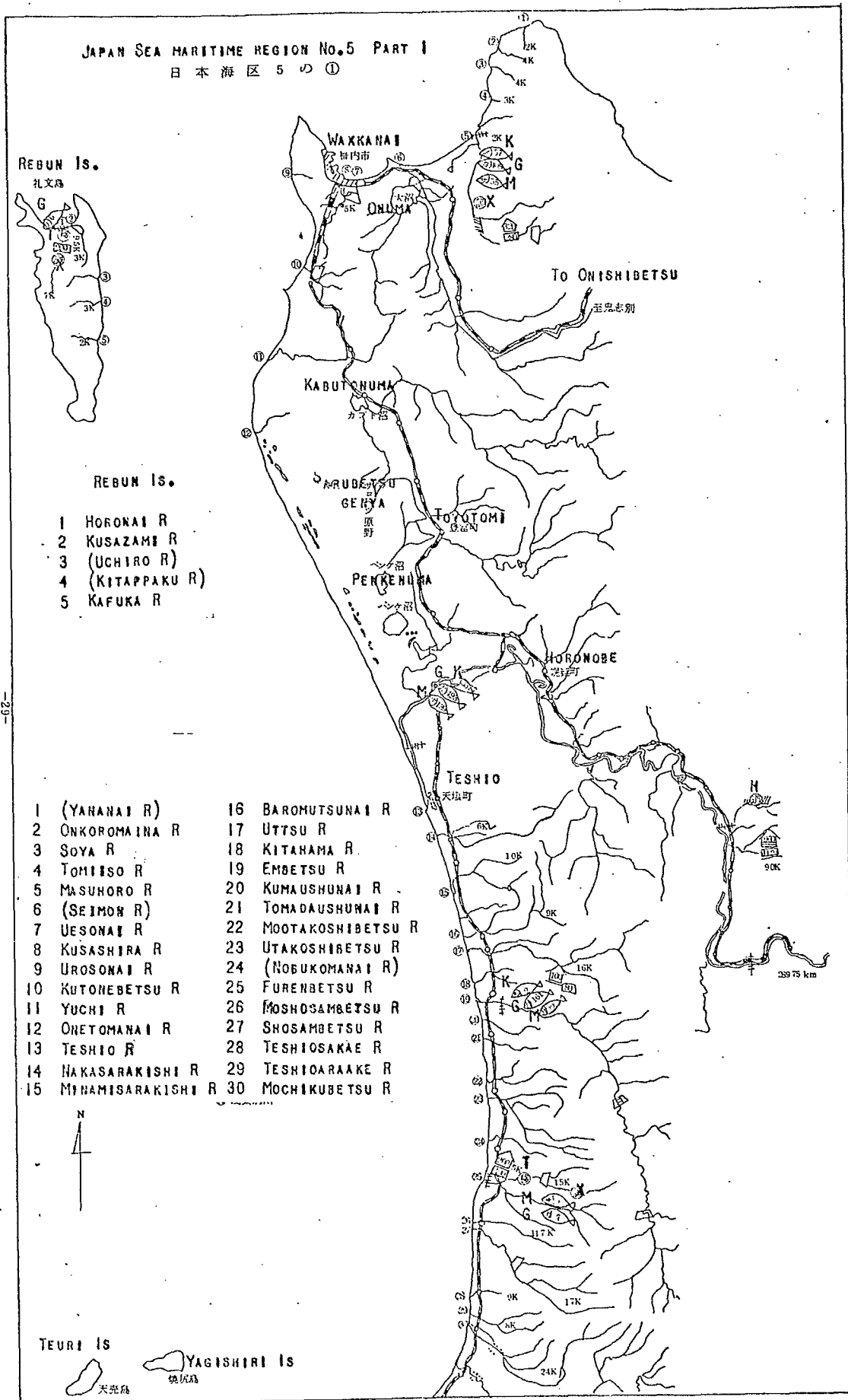
TEURI IS



天来島

YAGISHIRI IS

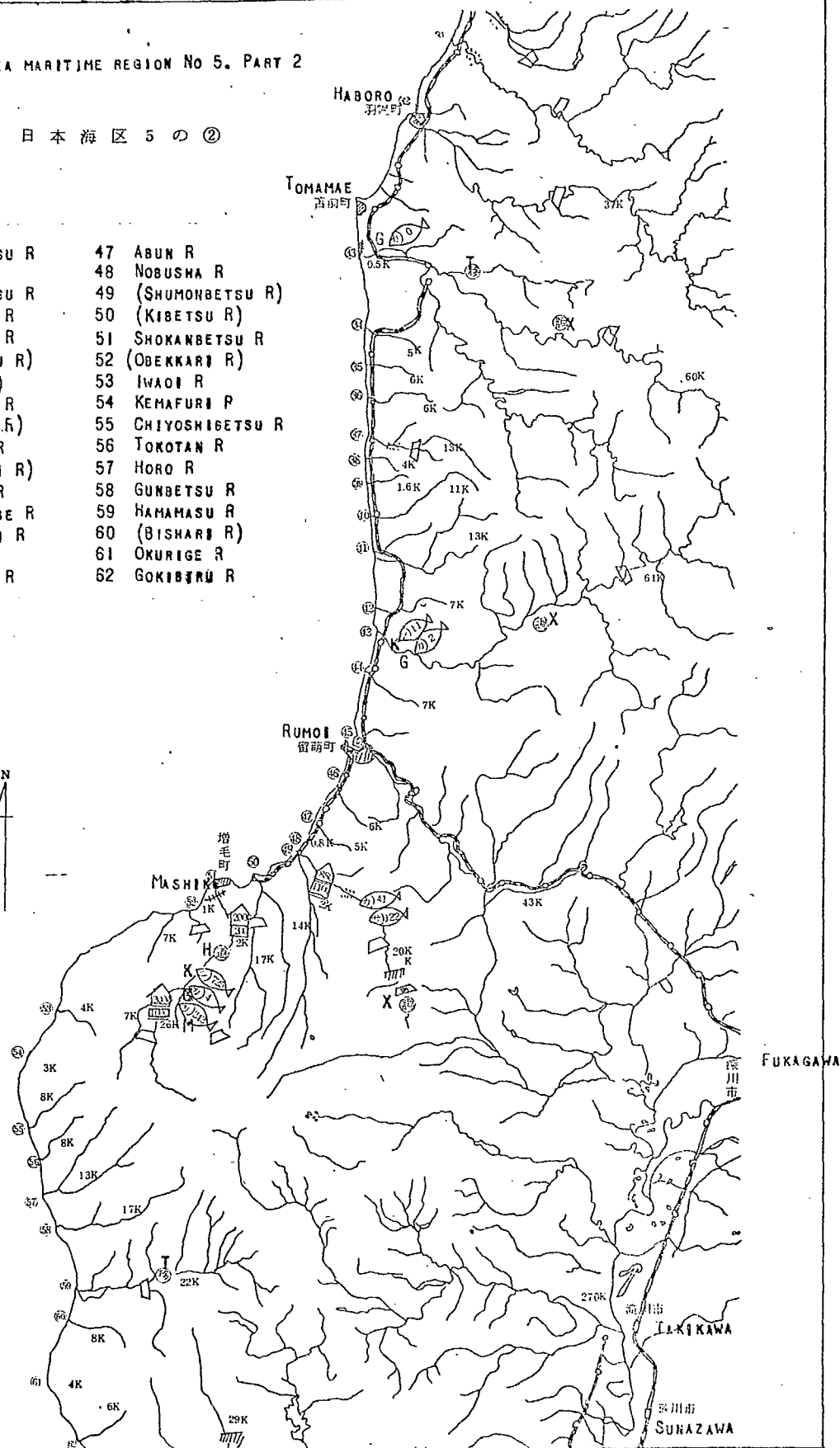
焼尻島



JAPAN SEA MARITIME REGION No 5. PART 2

日本海区 5 の ②

- | | |
|-----------------|--------------------|
| 31 CHIKUBETSU R | 47 ABUN R |
| 32 HARORO R | 48 NOBUSHI R |
| 33 KOTAMBETSU R | 49 (SHUMONBETSU R) |
| 34 RIKIBIRA R | 50 (KIBETSU R) |
| 35 TOYOHAMA R | 51 SHOKANBETSU R |
| 36 (CHIMATSU R) | 52 (OBEKKARI R) |
| 37 (ONNEI R) | 53 IWAOI R |
| 38 HIROTOHI R | 54 KEMAFURI P |
| 39 (HIDEURA R) | 55 CHIYOSHIBETSU R |
| 40 TOMIOKA R | 56 TOKOTAN R |
| 41 (OTODOSHI R) | 57 HORO R |
| 42 HANAOKA R | 58 GUNBETSU R |
| 43 OBIRASHIBE R | 59 HAMAMASU R |
| 44 SHIRATANI R | 60 (BISHARI R) |
| 45 RUMOI R | 61 OKURIGE R |
| 46 HAMANAKA R | 62 GOKIBETSU R |

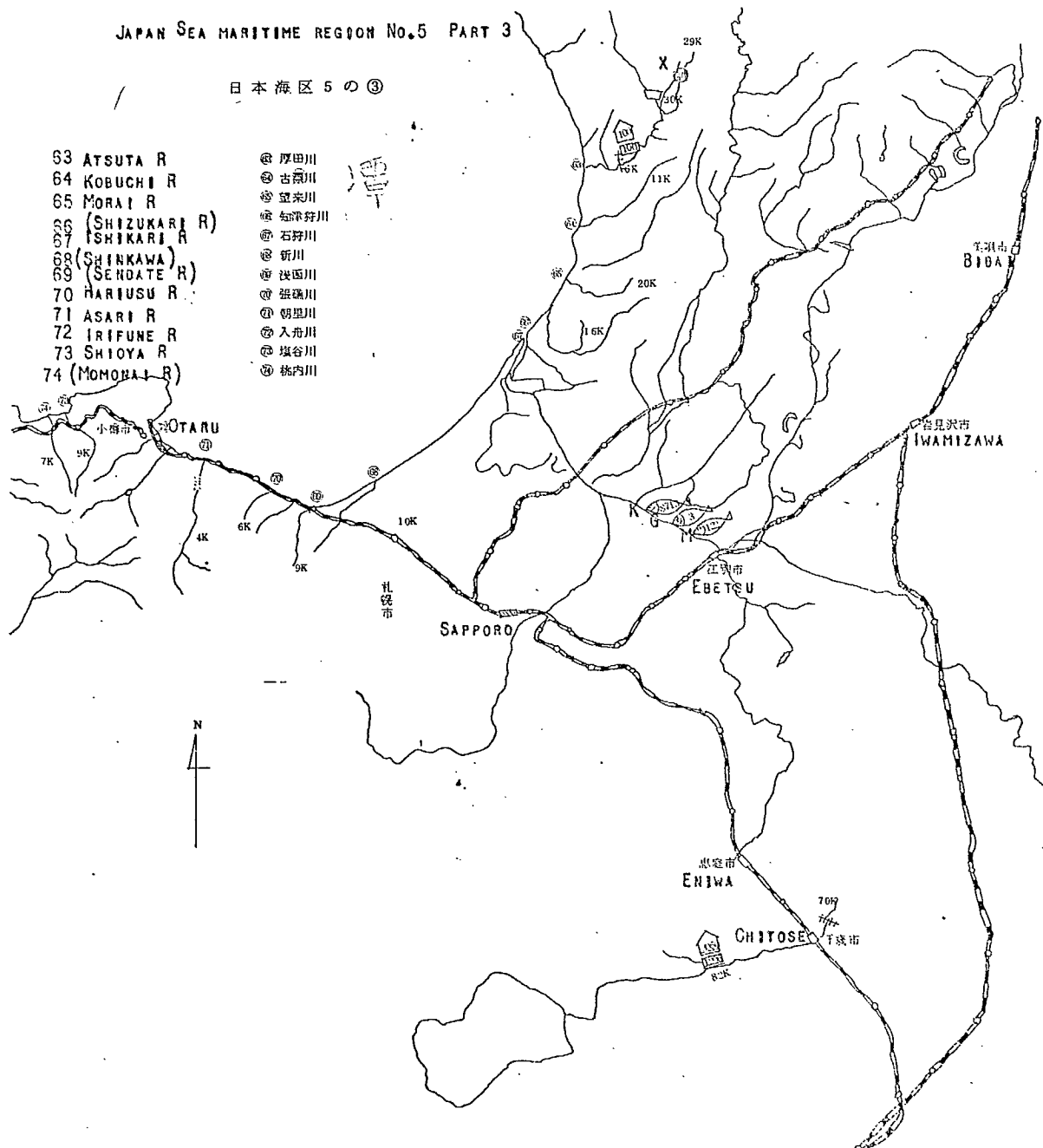


JAPAN SEA MARITIME REGION No.5 PART 3

日本海区5の③

- 63 ATSUTA R
- 64 KOBUCHI R
- 65 MORAI R
- 66 (SHIZUKARI R)
- 67 ISHIKARI R
- 68 (SHINKAWA)
- 69 (SENDATE R)
- 70 HARIUSU R
- 71 ASARI R
- 72 IRIFUNE R
- 73 SHIOYA R
- 74 (MOMOHAI R)

- ㊦ 厚田川
- ㊧ 古瀬川
- ㊨ 望来川
- ㊩ 知津狩川
- ㊪ 石狩川
- ㊫ 新川
- ㊬ 沢田川
- ㊭ 張磯川
- ㊮ 朝里川
- ㊯ 入舟川
- ㊰ 塩谷川
- ㊱ 桃内川



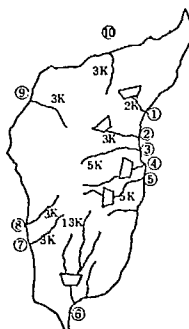
JAPAN SEA MARITIME REGION No.5 PART 4.

日本海区5の④

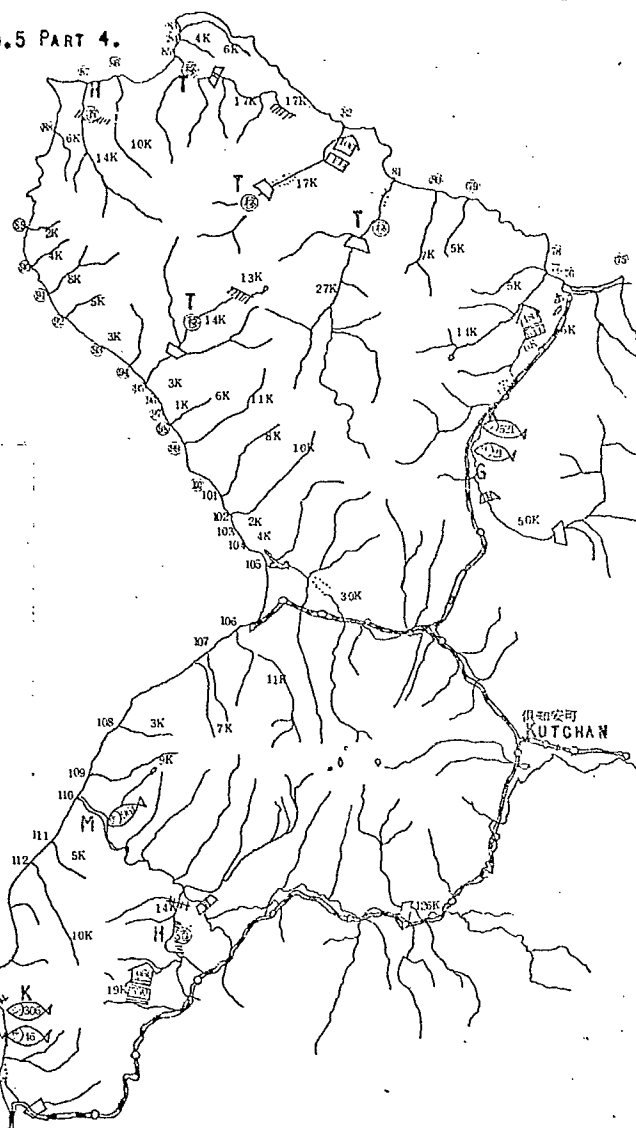
N

奥尻島

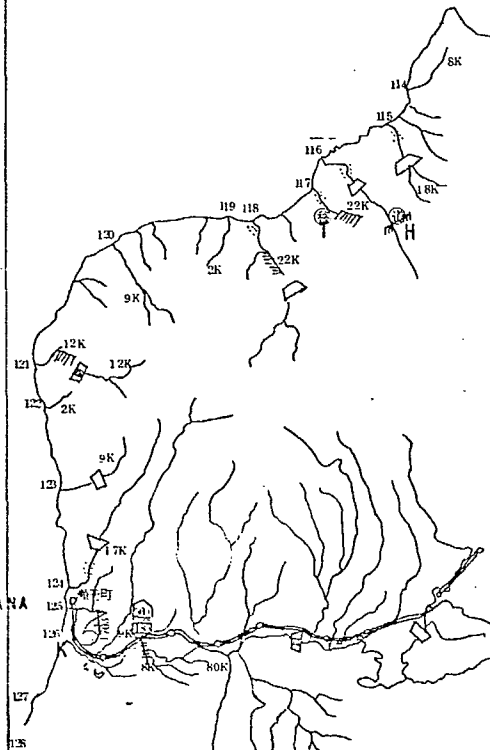
OKUSHIRO IS.



- 1 (TAMAURA R)
- 2 (SHIOGAMA R)
- 3 (YACHI R)
- 4 (SHIMATAMA R)
- 5 AKAISHI R
- 6 AONAE R
- 7 MUENJIMA R
- 8 HOYASHI R
- 9 HORONAI R
- 10 (OIWAI R)

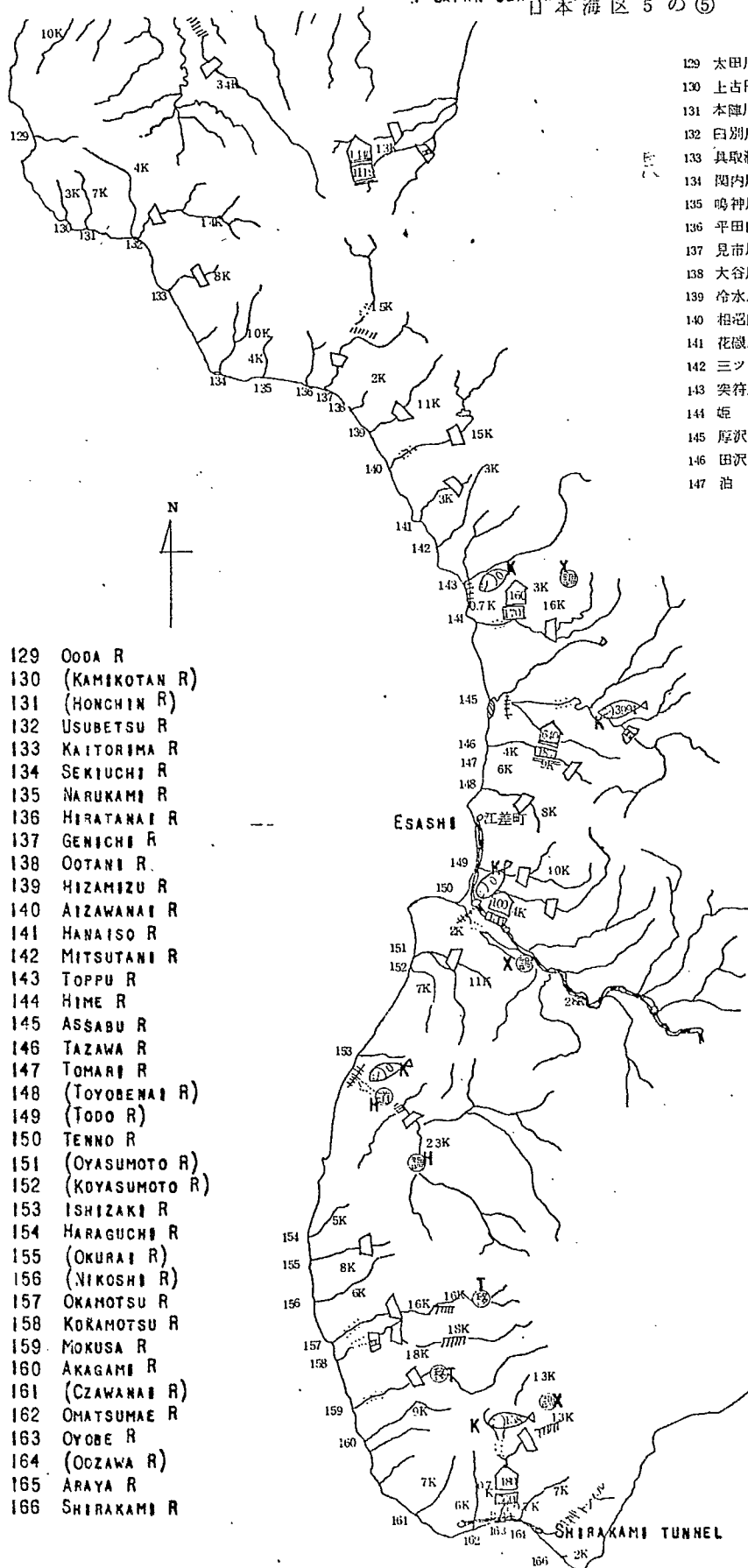


SETANA



- | | | |
|------------------|-------------------|--------------------|
| 75 RANSHIMA R | 93 (OMORI R) | 111 (YOKOTANI R) |
| 76 YOICHI R | 94 NINOME R | 112 HOROBETSU R |
| 77 NUTCHI R | 95 FURUU R | 113 SHUBUTO R |
| 78 UME R | 96 UOTANI R | 114 TOYOOKA R |
| 79 TOYOHAMA R | 97 (SHINSEKI R) | 115 (SHINGAWA R) |
| 80 OKIHAYASHI R | 98 (SHIGEIWAR) | 116 OBIRA R |
| 81 FURUBIRA R | 99 SAKAZUKI R | 117 TOMARI P |
| 82 BIKUNI R | 100 (TERUKISHI R) | 118 CHIWASE R |
| 83 INIKA R | 101 MOHERU R | 119 (HARUTA R) |
| 84 (SHIRAMORI R) | 102 TAMA R | 120 KODANISHI R |
| 85 SHAKOTAN R | 103 SHIBUI R | 121 SUKKE R |
| 86 (HORONAI R) | 104 (CHAZU R) | 122 MOIWA R |
| 87 YOBETSU R | 105 HORIKABU R | 123 SHIMAUTA R |
| 88 (ONEMON R) | 106 (NOMOTO R) | 124 (TORIBA R) |
| 89 OBUKARUISHI R | 107 HOROBETSU R | 125 (SAINIKU R) |
| 90 NOTTO R | 108 RAIGEN R | 126 TOSHISETSU R |
| 91 (VANANAI R) | 109 (SHOJIN R) | 127 FUTORO R |
| 92 KINAUSHI R | 110 SHIFIBETSU R | 128 (NAGARUISHI R) |

JAPAN SEA MARITIME REGION No.5 PART 5.
日本海区域5の⑤



- | | |
|----------|----------|
| 129 太田川 | 148 豊部内川 |
| 130 上古内川 | 149 巖川 |
| 131 本陣川 | 150 天の川 |
| 132 白別川 | 151 大安東川 |
| 133 具取瀬川 | 152 小安東川 |
| 134 関内川 | 153 石崎川 |
| 135 鳴神川 | 154 原口川 |
| 136 平田内川 | 155 奥米川 |
| 137 見市川 | 156 二越川 |
| 138 大谷川 | 157 大鷲津川 |
| 139 冷水川 | 158 小鷲津川 |
| 140 相忍内川 | 159 茂草川 |
| 141 花磯川 | 160 赤神川 |
| 142 三ッ谷川 | 161 大尽間川 |
| 143 突符川 | 162 大松前川 |
| 144 姫川 | 163 及部川 |
| 145 厚沢部川 | 164 大沢川 |
| 146 田沢川 | 165 荒谷川 |
| 147 泊川 | 166 白神川 |

- 129 OODA R
130 (KAMIKOTAN R)
131 (HONCHIN R)
132 USUBETSU R
133 KAITORIMA R
134 SEKIUCHI R
135 NARUKAMI R
136 HIRATANAI R
137 GENICHI R
138 OOTANI R
139 HIZAMIZU R
140 AIZAWANAI R
141 HANAISO R
142 MITSUTANI R
143 TOPPU R
144 HIME R
145 ASSABU R
146 TAZAWA R
147 TOMARI R
148 (TOYOENAI R)
149 (TODO R)
150 TENNO R
151 (OYASUMOTO R)
152 (KOYASUMOTO R)
153 ISHIZAKI R
154 HARAGUCHI R
155 (OKURAI R)
156 (NIKOSHI R)
157 OKAMOTSU R
158 KOKAMOTSU R
159 MOKUSA R
160 AKAGAMI R
161 (CZAWANAI R)
162 OMATSUMAE R
163 OYOBE R
164 (ODZAWA R)
165 ARAYA R
166 SHIRAKAMI R

ESASHI

SHIRAKAMI TUNNEL

青森県 AOMORI PREFECTURE

SEA OF JAPAN SIDE 11

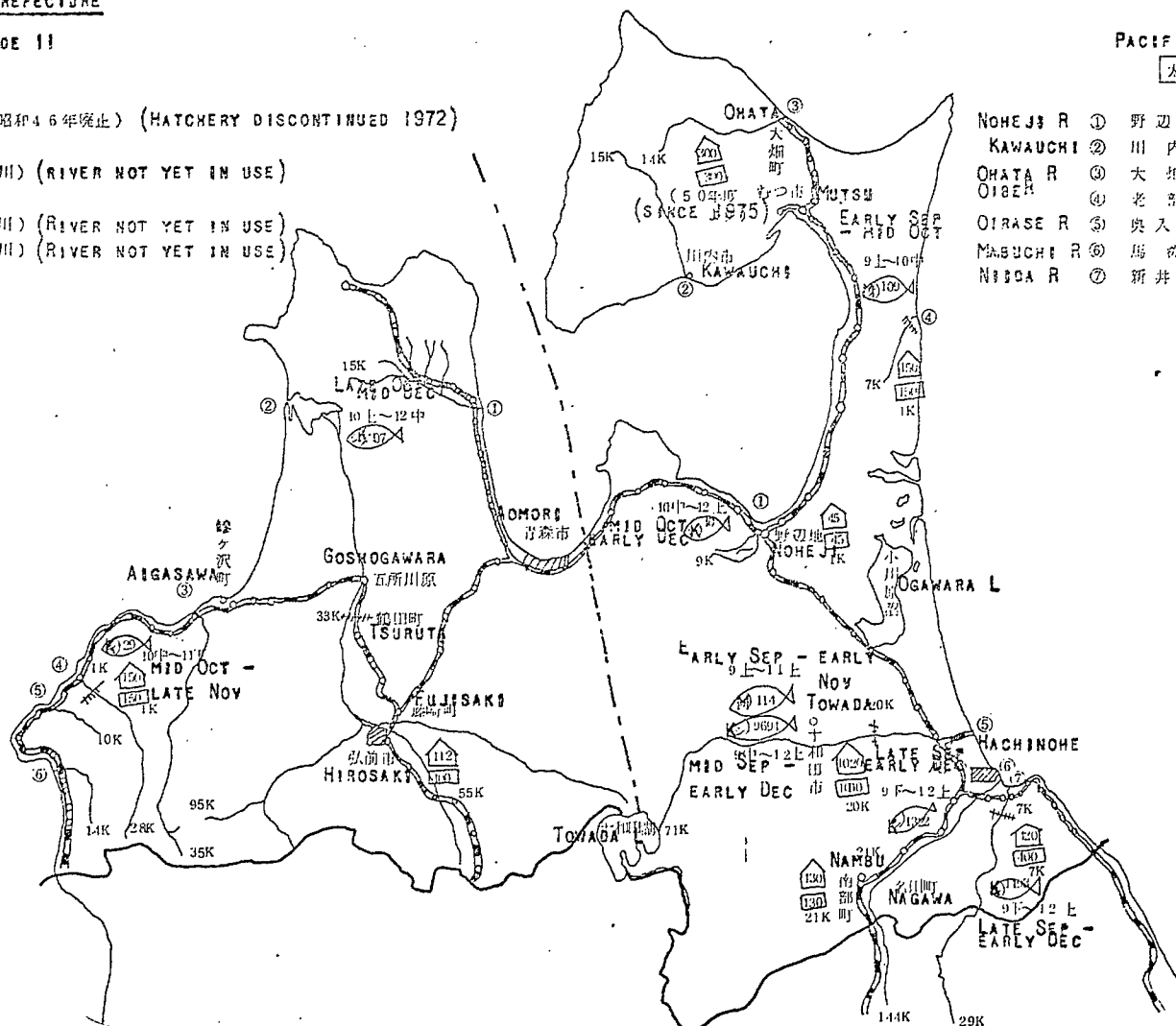
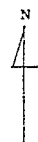
日本海側 11

- KANITA R ① 置田川 (不化場 昭和46年廃止) (HATCHERY DISCONTINUED 1972)
 IWAKI R ② 岩木川
 AKAISHI R ③ 赤石川 (未利用河川) (RIVER NOT YET IN USE)
 OIRASE R ④ 追良瀬川
 (AGATSUMA) ⑤ 荻妻川 (未利用河川) (RIVER NOT YET IN USE)
 SASAKI R ⑥ 笹内川 (未利用河川) (RIVER NOT YET IN USE)

PACIFIC OCEAN SIDE 6

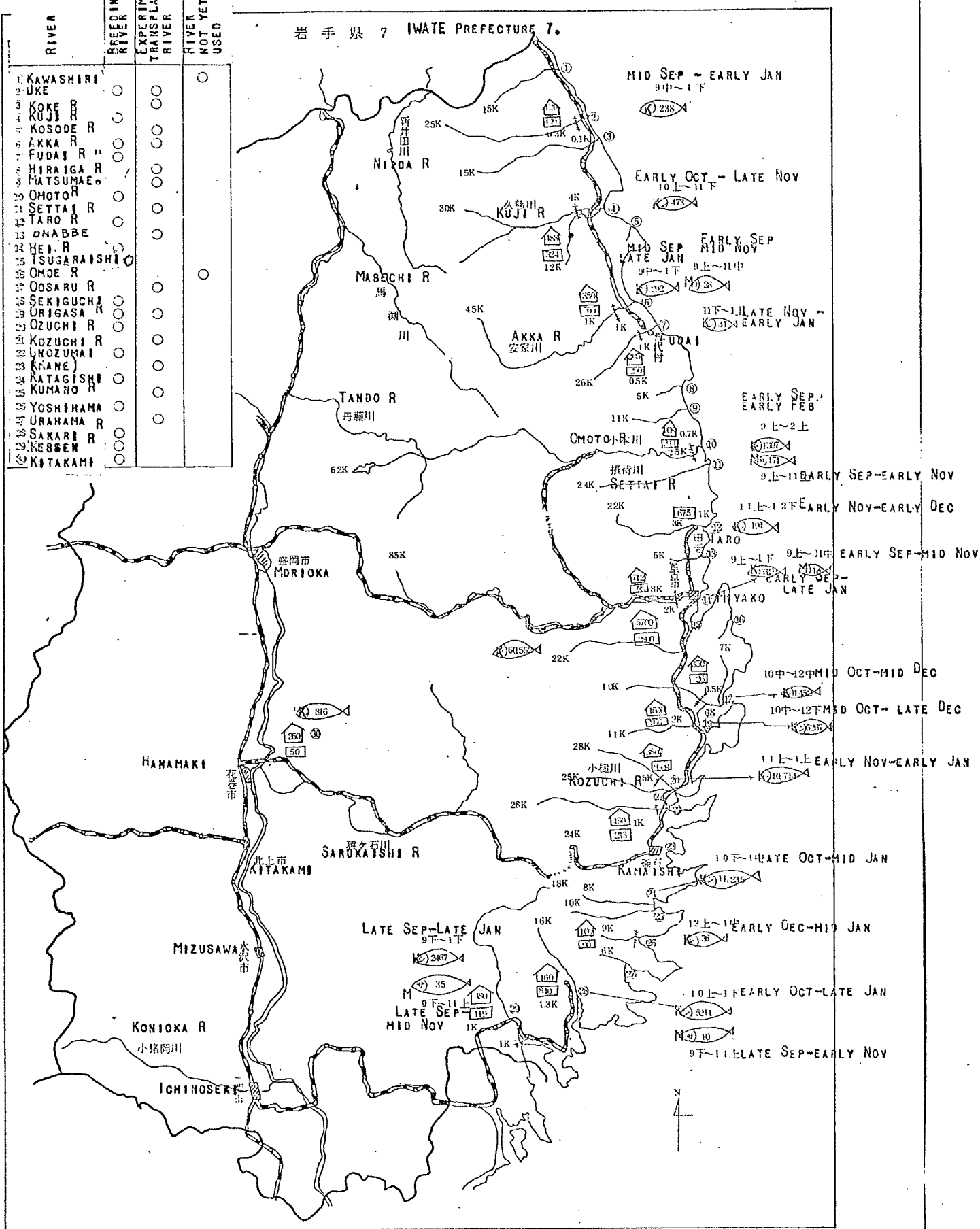
太平洋側 6

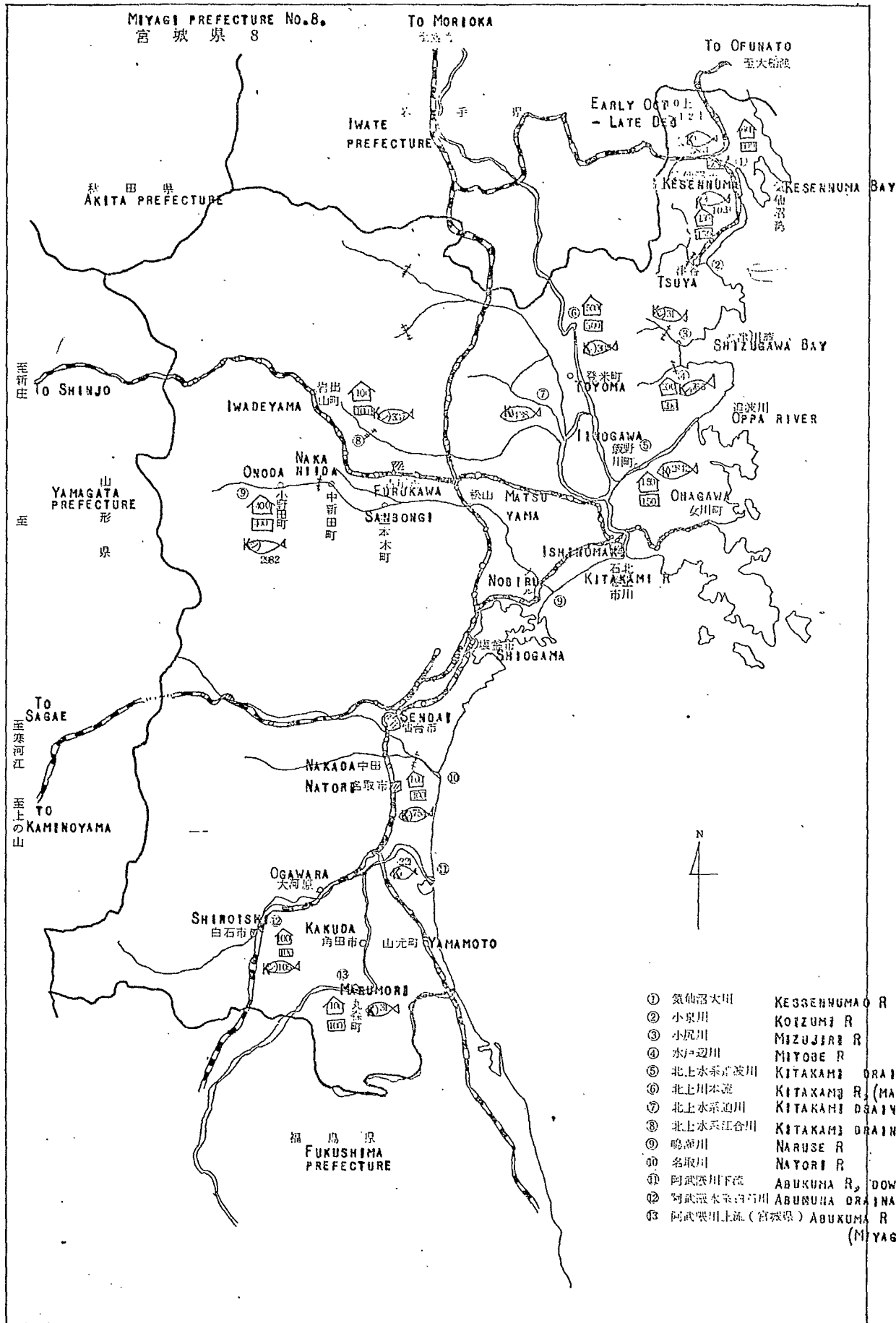
- NOHEJI R ① 野辺地川
 KAWAUCHI ② 川内川 (未利用河川) (RIVER NOT YET IN USE)
 OHATA R ③ 大畑川 (50年度不化場設置) (HATCHERY INSTALLED IN 1975)
 OIRASE ④ 奥入瀬川
 MASUUCHI R ⑤ 馬淵川
 NISCA R ⑦ 新井田川



岩手県 7 IWATE PREFECTURE 7.

RIVER	BREEDING RIVER	EXPERIMENTAL TRANSPLANT RIVER	RIVER NOT YET USED
1 KAWASHIRI	○	○	○
2 UKE	○	○	○
3 KOKE R	○	○	○
4 KUJI R	○	○	○
5 KOSODE R	○	○	○
6 AKKA R	○	○	○
7 FUDAI R	○	○	○
8 HIRAGA R	○	○	○
9 MATSUMAE	○	○	○
10 OMOTO R	○	○	○
11 SETTAI R	○	○	○
12 TARO R	○	○	○
13 ONABBE	○	○	○
14 HEI R	○	○	○
15 TSUGARASHI	○	○	○
16 OMDE R	○	○	○
17 OOSARU R	○	○	○
18 SEKIGUCHI	○	○	○
19 ORIGASA R	○	○	○
20 OZUCHI R	○	○	○
21 KOZUCHI R	○	○	○
22 UHOZUMAI	○	○	○
23 (KANE)	○	○	○
24 KATAGISHI	○	○	○
25 KUMANO R	○	○	○
26 YOSHIHAMA	○	○	○
27 URAHAMA R	○	○	○
28 SAKARI R	○	○	○
29 KESSEN	○	○	○
30 KITAKAMI	○	○	○

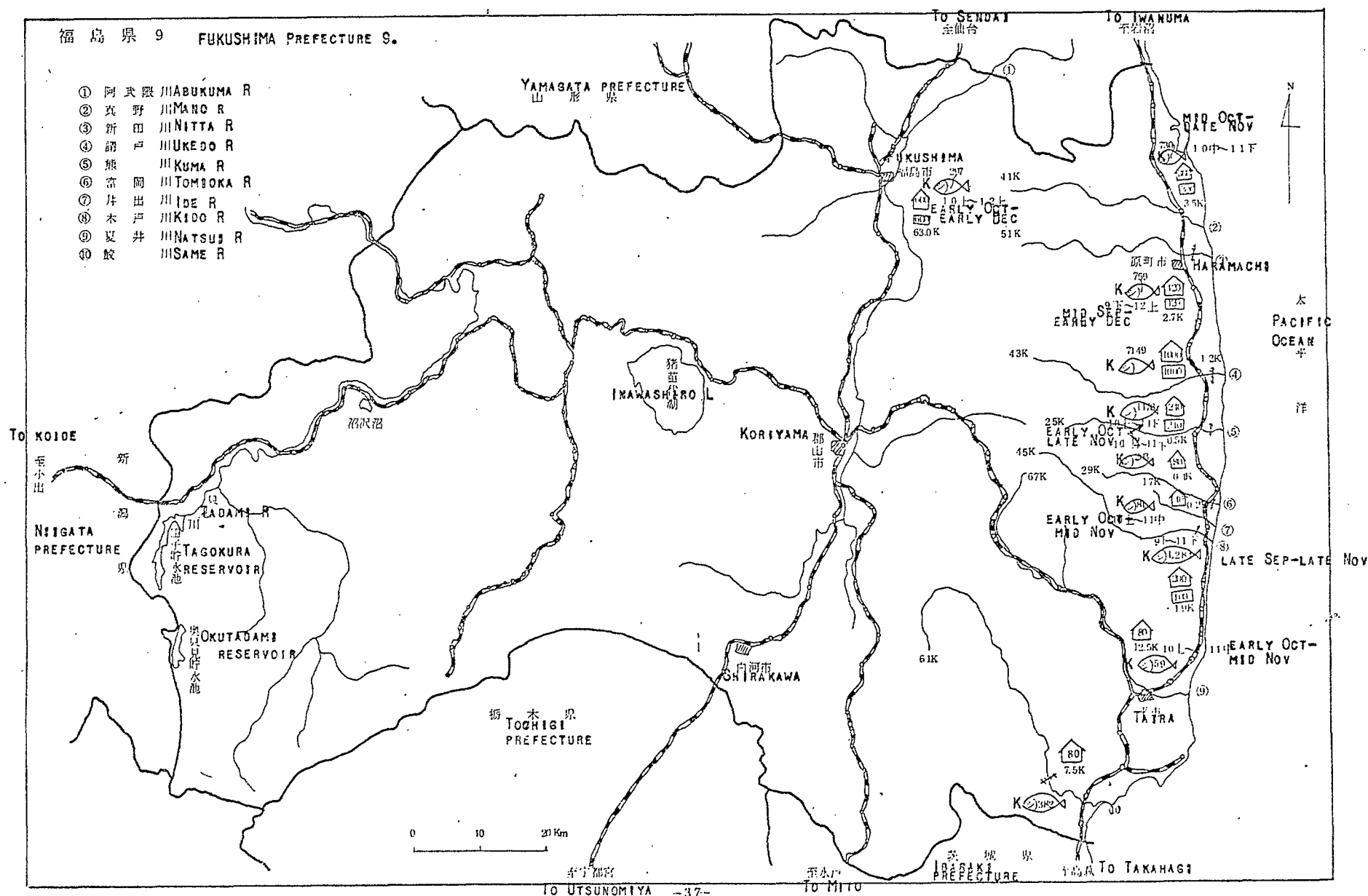




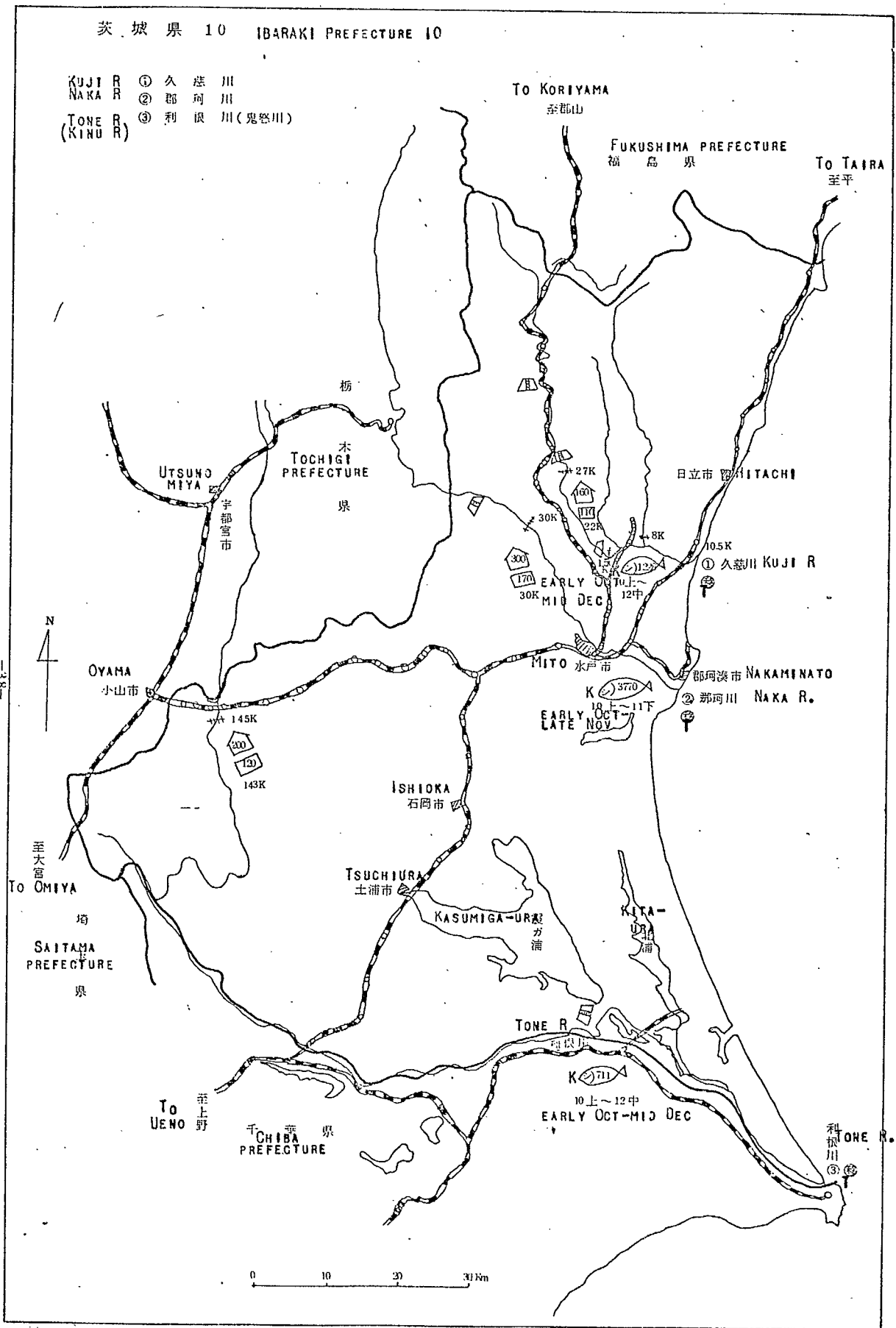
- | | |
|---------------|--|
| ① 気仙沼大川 | KESSENHUMA R |
| ② 小泉川 | KOIZUMI R |
| ③ 小尻川 | MIZUJIRI R |
| ④ 水戸辺川 | MITOBE R |
| ⑤ 北上水系新渡川 | KITAKAMI DRAINAGE, OPPIA R |
| ⑥ 北上川本流 | KITAKAMI R (MAIN CHANNEL) |
| ⑦ 北上水系通川 | KITAKAMI DRAINAGE, NARROW CHANNEL |
| ⑧ 北上水系江合川 | KITAKAMI DRAINAGE EAI R. |
| ⑨ 鳴瀬川 | NARUSE R |
| ⑩ 名取川 | NATORI R |
| ⑪ 阿武隈川下流 | ABUKUMA R, DOWNSTREAM |
| ⑫ 阿武隈川上流(宮城県) | ABUKUMA DRAINAGE, SHIROISHI |
| ⑬ 阿武隈川上流(宮城県) | ABUKUMA R UPSTREAM (MIYAGI PREFECTURE) |

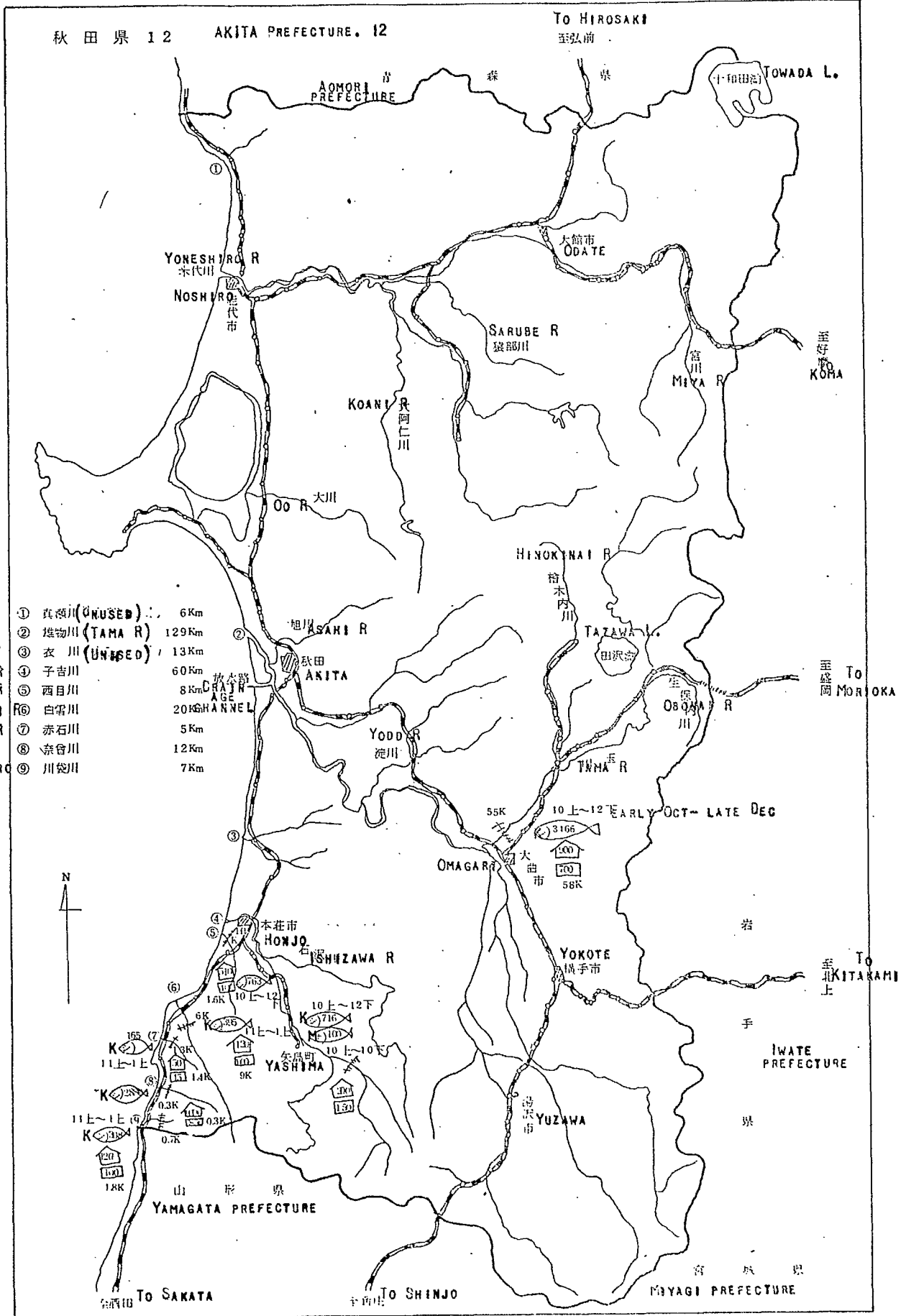
福島県 9 FUKUSHIMA PREFECTURE 9.

- ① 阿武隈川 ABUKUMA R
- ② 真野川 MANO R
- ③ 新田川 NITTA R
- ④ 新井川 UKEDO R
- ⑤ 熊川 KUMA R
- ⑥ 富岡川 TOMOGAKI R
- ⑦ 井出川 IDE R
- ⑧ 木戸川 KIKIDO R
- ⑨ 夏井川 NATSUGI R
- ⑩ 鮫川 SAME R



KUJI R	①	久	慈	川
NAKA R	②	郡	河	川
(TONE R KINU R)	③	利	根	川(鬼怒川)





- ① 真瀬川 (UNUSED) 6Km
- ② 雄物川 (TAMA R) 129Km
- ③ 衣川 (UNUSED) 13Km
- ④ 子吉川 60Km
- ⑤ 西目川 8Km
- ⑥ 白雲川 20Km
- ⑦ 赤石川 5Km
- ⑧ 奈音川 12Km
- ⑨ 川袋川 7Km

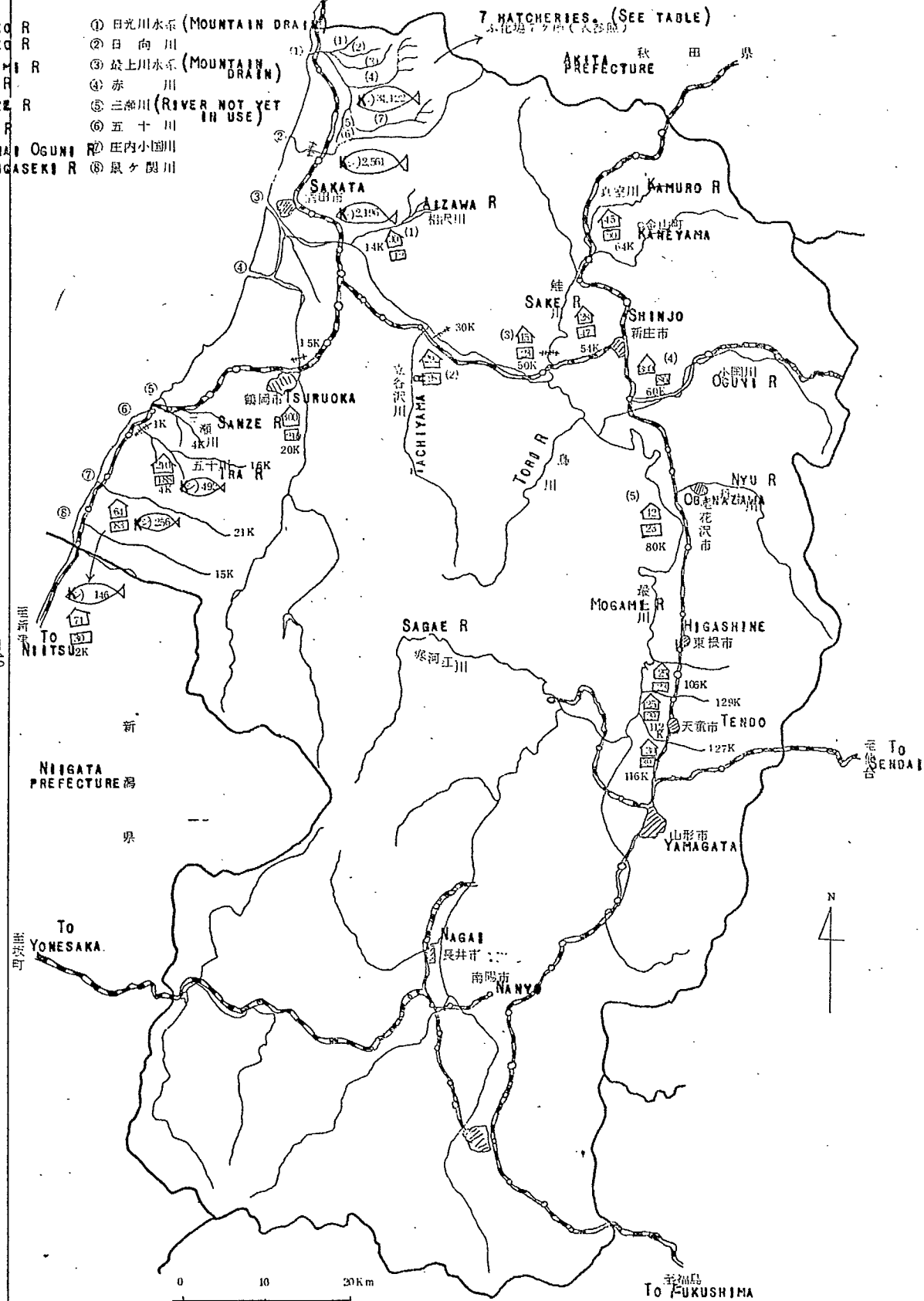


N
 ORO R
 KOROMO R
 KOYOSHI R
 NISHIME R
 SHIRAYUKI R
 AKAIISHI R
 NASO R
 KAWABUNORO

- GAKKO R ① 日光川水系 (MOUNTAIN DRAIN)
 NIKKO R ② 日向川
 MOGAMI R ③ 最上川水系 (MOUNTAIN DRAIN)
 AKA R ④ 赤川
 SANZE R ⑤ 三郷川 (RIVER NOT YET IN USE)
 IRA R ⑥ 五十川
 SHONAI OGUNI R ⑦ 庄内小国川
 NEZUGASEKI R ⑧ 泉ヶ関川

7 HATCHERIES. (SEE TABLE)

水産場 7ヶ所 (大森町)



4

- 1 O R
2 GATSUGI R
3 MIOMOTE R
4 ARA R
5 AGANO R
6 OLD SHINANO R
7 (IGARASHI R, UONO R)
8 NEW SHINANO R
9 (OOKOZU FLOOD CONTROL
CHANNEL)
10 NADACHI R
11 NO R

RIVERS NOT
IN USE
(MARKED (U) ON MAP)

BUDO R
TAINAI R
KAJI R
SABAISHI R
U R
TANNE R
KAKIZAKI R
KUWADORI R
HAYA R
UMI R
HIME R

LATE SEP
LATE NOV
9F~11
K~~109~~

SABAISHI R (U)

KASHIWAZAKI 柏崎市

TANNE R (U) 谷根川 

KAKIZAKI R (U) 烏川

直江

NAOETSU

ARA R

HAYA R (田) 胡川 2k
UMA R (田) 土海川

HONE R (U) ① 堀川 米 5K
TOIGAWA

TOYAMA
PREFECTURE

NAGANO
PREFECTURE

TO NAGANO

YAMAGATA
PREFECTURE

FUKUSHIMA
PREFECTURE

GUMMA
PREFECTURE

TO TAKASAKI

0 10 20 30 K_m

Statistical Data

Explanations of entries in the tables of data.

1. River numbers are assigned to the entries in each maritime region, and new numbers are assigned to rivers in the Rebun and Okushiri islands.
2. Rivers are named or not named, and the courses of rivers are shown, according to estimates of the possibility or future prospects of the rivers for rearing.
3. The average is calculated for five years, but in places where there have not been five years of catches, the average for a lesser number of years is shown.
4. The distance of the catching place or hatchery from the river mouth is not shown exactly but as the approximate number of kilometres. For distances on the tables greater than one kilometre fractions are not shown, but for distances less than one kilometre the fraction is shown.
5. The capacities of hatcheries and rearing ponds are shown in the data tables in units of 1000 and on the maps in units of 10 000. The sign "Temporary" is added to simple private hatcheries of uncertain capacity or to temporary hatcheries or rearing ponds. Places with rearing ponds only are shown with the symbol .
6. The presence or absence of fishways is noted for rivers with dams, and the entries are abbreviated when there are no exact data on the type, position and number of dams. The numbers on the data tables show the number of places which have so far been examined.

7. The entry symbols for protected and resource conservation waters are ☐ for whole river conservation, ☒ for partial conservation and H for resource conservation.
8. The length of the rivers is shown on the upper course of the rivers, with fractions of one kilometre omitted.
9. In transplant rivers, the totals shown are the numbers of eggs or fry transplanted from other rivers but not from fish caught in the river. They are the numbers for hatcheries in 1975, and are indicated by the symbol "T".
10. Rivers are classified as experimental or in the rearing industry according to the hatchery existing in 1975. Experimental rivers are marked "X", rivers in the industry are marked "I".
11. Rivers from which gravel is extracted are marked ☐ in the data tables. The number of places of extraction and the quantity extracted are not shown because they vary.

STATISTICAL TABLE BY MARITIME REGIONS.

MARITIME REGIONS	NUMBER OF RIVERS	HATCHERY FACILITIES			DAMS		PROTECTED WATER		INDUSTRY RIVERS	EXPERIMENTAL RIVERS	GRAVEL EXTRACTION	NOTES
		NATIONAL (THOUSAND EGGS)	PREFECT- URAL	PRIVATE	WITH FISHWAYS	WITHOUT	PROTECT- ED WATER	RESOURCE CONSERVATION				
OKHOTSK	78	HATCHING CAPACITY		22,100			□ 2					
		284,300			1	35		7	18	6	18	
NEMURO	47	HEARING CAPACITY		45,600			■ 2					
		197,550		29,000	8	37		4	20	5	7	
ERIMO EAST	84			27,800								
		98,012		34,900	1	182			8	6	15	
ERIMO, WEST	139			38,600								
		47,200	20,000	42,400	11	140	■ 1	1	20	6	42	
JAPAN SEA	166			40,500								
		26,932	10,000	32,200	12	375	□ 10	8	9	10	39	
REBUN ISLANDS	5			39,100			■ 3					
		71,400	30,000	FEEDING PONDS 2,000		1				1		
OKUSHIRI ISLANDS	10											
		0		0		7						
TOTALS	529											
		829,650	50,000	160,600	33	777	□ 12	20	75	34	121	
		386,399	20,000	193,600			■ 6					

OKHOTSK MARITIME REGION I. (SOYAMISAKI - SHIRETOKOMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
1	(CHISHIYA)					THOU- SAND EGGS	THOU- SAND EGGS	THOU- SAND EGGS	THOU- SAND FISH						3.0						
2	(TOMARANAI)														6.7						
3	MENASHI														8.1						
4	(JIZEN)														8.7						
5	KAMINAETARO												□		12.8						
6	SHIMONAETARO														9.1						
7	CHIRAEBETSU		817	19	1.0										15.0				I		
8	HAMAONISHI- BETSU							1,600	3,000	11.0					20.5						
9	SARUKOTAN														25.5						
10	SARAFUTSU	9	977		1.3										29.5				I		
11	TOMBETSU	2,159	4,904		15.0	5,400			3,840	18.0		6			74.5				I	○	
12	UENNAI														12.5						
13	HOROBETSU	2,532	2,465	557	0.9	9,000			5,000	14.0		6		○	46.5				I	○	
14	OCHABASE														8.5						
15	TOKUSHIBETSU	3,789	6,166	396	0.3	8,600			4,824	1.0		2			43.8				I	○	
16	BERAUSHINAI														4.8						
17	CHIKABUTO- MUSHI														4.5						
18	PESETOBUTO- MUSHI														9.9						
19	FUREPPU													○	28.4					○	
20	OTARUBEN														2.5					○	
21	OTOSHIBE														24.5					○	
22	KOTONAI														10.5					○	
23	HORONAI	2,938	8,128		0.6	19,200			8,208	1.6		1	□		43.5				I	○	
24	OTOINEPPU														14.6						
25	MOTOINEPPU														12.1						
26	OMU	20	2,215		0.3				4,000	6.2					14.4				I	○	
27	MOTOSAWAKI														18.1						

OKHOTSK MARITIME REGION (2)

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE EXPERIMENTAL (1) (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECT- URAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
28	(MINISHI)														220						
29	OKOPPE	163	2,238	43	1.2			#		53.0				○	53.6				I	○	SUSPENDED 1975
30	MOKOPPE		466												484				○		
31	SARURU														16.0						
32	(CHUISARURU)														229						
33	SHOKOTSU	4,133	8,218	272	1.5	10,000			8,280	6.9		1		○	83.6				I	○	
34	MOBETSU		1,169		1.0			#		18.0					41.3				X	○	
35	YATSUSHU- URNAN														10.9						
36	ONEKOMU KENAI														10.7						
37	(AKIHIRA)														4.6						
38	SHIBUNONNAI														15.4						
39	YUBETSU	40,533	14,504		3.0	89,600			23,964	21.0		1			86.7				I	○	
40	BARO	137			1.5			#		21.1					21.0				X		
41	(SHIBUSHI)														9.8						
42	KEROCHI														11.3						
43	TOHOTAN														9.6						
44	ONETOTOROKA PCHAI														5.0						
45	(TOMETAKE)														5.0						
46	NAIWA														2.6						
47	(HOROIWA)														3.0						
48	SAROMABETSU R.	931	410		0.5			-#		65.5		6			90.9				I	○	INCLUDING LAKE FRY
49	SAROMABETSU L.	2,570			1.0			-#		5.6					17.1				X		
50	RAITOKORO	129								52.8					120.2				I	○	
51	TOKORO	3,536	9,715		2.8	8,100		10,000	8,513 10,000	30.0		5			12.5				X		
52	(RANBARANAI)	1,335	175		0.5										4.0						
53	PARASAN							-#		3.0						○					
54	ABASHIRI	57,069	5,418	ABASHIRI	2.0	31,000			8,400	54	ABASHIRI	1			93.9				I	○	
55	MOXOTO	22,01	829	YOBUHITO	1.25	28,000			6,740	18.8	YOBUHITO				29.8				I		

TEMPORARY ACCOMMODATION

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

OKHOTSK MARITIME REGION (3)

RIVER NUMBER	RIVER NUMBER	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECT-URAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
51	MARUMAN														21.7						
55	OMINAD									50.5					9.6						
56	URASHIBETSU		3,543		0.5	52,400			4,000	1,143					25.0						
57	YAMUBETSU	383,03	17,126	1,681	1.1					1,143					31.0						
58	SHARI	25,79	7,624		0.8					1,143					52.0						
59	OKUSHIBETSU									7,000					22.0						
60	SHIMATOTSU (KAR)									27					9.6						
61	(NUMAMAPU)														13.6						
62	ORAINOKOTAN														4.7						
63	OCHIKABAKE								4,500	11,000	0.15	1	1		10.4						
64	(KANEYAMA)		2,014		0.15										11.5						
65	(ENOHETSU)														11.3						
66	CHIYARA-SETSUHAI														9.0						
67	OSHOKOMANAI														5.2						
68	FUNBE														9.3						
69	MOROBETSU	4,644	21,605		99	0.2	23,000						4		9.5						
70	IWAOBETSU														8.5						
71	ITASHUBETSU														7.0						
72	KAMAIWAKKA														4.8						
73	UBUSHINOTTA	137	4,017			0.15			2,000	3,600	0.15				6.7						
74	RUSHA														6.0						
75	TEPPANBETSU														5.5						
76	POTOPARA-BETSU														4.5						
77	OKETCHIUSHI														5.0						
78	AUNRUS														12.5						
	OKHOTSK MAR-ITIME REGION TOTAL							284,300	22,100	100,777		1	35		7						

* PROVISIONAL CAPACITY

NEMURO MARITIME REGION (1) (SHIRETOKOMISAKI TO NOSAPPUMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (X) EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
1	MOIREUSHI														5.0						
2	KAMOJUSHIBE														5.0						
3	OSHOROTSUKO														3.0						
4	RUSA	367			0.1			3,000	3,000	0.3					3.4				I		
5	SHOUJI											1			7.0						
6	KENEBETSU											1			5.8						
7	(CHITANBETSU)														3.5						
8	MOSEKARUBETSU														9.0						
9	OTSUKABAKE											1			9.5						
10	SASHIRUI	463	735		0.1			3,000	3,000	0.5	2				8.0				I		
11	CHITORAI														5.7				X		
12	RAUSU	5,681	77		0.3	19,200			11,283	9.1		17			9.1				I	O	
13	(TATENIUSU)														2.3						
14	(MATSUTSUNE)														4.2						
15	(CHITERU)														11.5						
16	(SHINISHIBETSU)		O		0.1							3			9.8				X	O	
17	HARUKARIKOTAN	46	147		0.3						1				13.5				I		
18	RIKUSHIBETSU	611			0.2							1			14.3				X		
19	UEBETSU	2,624	23		0.1			2,000	2,000	1.0					22.3				I		
20	MOTOSAKIMUI	846			0.1			4,000	3,500	0.5					9.0				I	O	
21	SAKIMUI	1,812			0.1										17.4				I	O	
22	KUMBETSU	3,335			0.1	19,200			7,920	4.8		4			18.5				I		
23	KOTANUKA	496			0.1			1,500	1,500	6.0					13.1				I		
24	CHURUI	1,511	1,013	33	0.2			6,000	6,000	1.5	1	1			35.3				I	O	
25	ICHANE	5,135	460	56	0.1	29,650			12,940	2.5				O	14.5				I		
26	SHIBETSU	45,161	3,265	2,013	2.0 28.5	2,000 2,000	SHIBETSU BRANCHES		4,886 9,655	28.5 23.5	3	4			77.9				I	O	
27	CHASHIKOTSU				(31 LINES)							1			20.6						

NEMURO MARITIME REGION (2)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
28	TOHORO	3,875	280	119	1.2	19,200			4,721	38.0					51.2				I		
29	(TOBIKARI)														11.8						
30	(TOSHUNBETSU)														5.2						
31	SHUNBETSU	746	126	83	1.0										43.5				I		
32	OKOTAN	1,738	509	56	2.0			3,000	2,800	2.0		2			46.0				I		
33	(IBARA)														9.8						
34	NISHIBETSU	42,775	5,394	558	13.0	73,900			39,457	64.5	1		○		77.5				I	○	
35	POSHA- USHIBETSU														15.8						
36	YAUSHIBETSU	89	115	238	6.0			4,000	3,000	26.0					26.5				I		
37	FUREN	1,681	1,921	538	3.0	9,600			3,150	29.0			○		109.5				I		
38	ATTOKO														7.6						
39	BETTOGA	1,811	844	646	4.0	2,800		NONE	2,000 4,000	16.0 16.0	PRIVATE NATIONAL		○		35.2				I		
40	TOBAI														2.0						
41	OSHINEBETSU														18.4						
42	HOROMOSHIRE											1			3.5						
43	HONIOE	122			0.15			500	500	0.5					1.6				I		
44	(TSUKIDOKU)														4.0						
45	SAMBAN	12			0.1			#		0.2					5.1				X		
46	NOTSUKAMAPPU	104			0.4			2,000	500	0.5					4.6				X		
47	TOOSAMPORO														4.2						
NEMURO MAR- TIME REGION TOTALS						197,550		29,000	98,012 27,800	NATIONAL PRIVATE	8	37		4					I X	20 5	7

TEMPORARY ACCOMMODATION

ERIMO EAST MARITIME REGION (I) (NOSAPPUMISAKI TO ERIMOMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (I) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
1	GOYOMAS														3.0						
2	MAYOMAS														2.1						
3	FURARI														2.5						
4	(OMINEBE)														3.5						
5	TENGUWA														2.0						
6	FURESHIMA														0.7						
7	HATTAUSHI														4.5						
8	FUTATSUIWA														3.2						
9	ESATTO														2.3						
10	MORASIO														3.2						
11	SENBOSHI														4.0						
12	AKADOMARI														2.1						
13	URAYAKOTAN														2.5						
14	HONBOROTO														3.7						
15	HOROTO	240			0.1			2,000	2,000	4.0					5.0				X		
16	SHIRISHIZU														1.9						
17	(SHINGAWA)														9.2						
18	BIWAKO														13.4						
19	HICHIKIPPY														8.2						
20	(WARACHIRIPPY)														7.6						
21	(HOROMANBETSU)														1.1						
22	TOKOTAN														1.6						
23	BONTOCHI														0.5						
24	IKURAUSHI														4.0						
25	TOBAI														2.5						
26	PUKITAI														8.6						
27	BEKANBEUSHI														43.8						

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

ERIMO EAST MARITIME REGION (2)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (X) EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
28	OHORO	7,763			4.5	12,000			11,830	10.0					15.8				I		
29	SENBOSSI														4.5						
30	(FURUBAMURO)														2.5						
31	DESSHAKU- DOMARI														1.2						
32	(CHIRO)														1.1						
33	(CHIHOGAKU)														1.0						
34	ROSHAMA I														1.4						
35	ATOEGA														1.1						
36	URAKUMORI														1.5						
37	(TOCHOSE)														1.1						
38	HORONAI														1.6						
39	OHOROBETSU	115			0.5			2,000	2,000	1.5					9.5				X	O	
40	SHUKUTOKUNA I														0.9						
41	KATAMESHI- (TOKU)														0.9						
42	KATSURAKOI														1.6						
43	OKOTSU														0.3						
44	HARUTORI														4.6						
45	KUSHIRO (NEW)	8,740.9	663		8.0	12,000 39,200	(TSURU)		9,408 32,736	33.0 86.0		9			17.23				I	O	
46	AKAN	198			0.3							28			98.4				I	O	
47	SHORO	168			2.0			6,000	5,000			25			66.8				X	O	
48	YISHISHORO (ONNECHIRAPPU)									1					3.2						
49	SHIRANUKA											4			4.2						
50	CHARO	1,144			2.0			2,000	2,000	13.0		31			71.1				I	O	
51	(CHITENBETSU)														22.8						
52	(BASHURAI R.)														13.5						
53	FURENBETSU														2.6						
54	ONBETSU	636			1.5			6,000	6,000	18.0		6			43.1				I	O	

DATA USED IN CONSTRUCTION OF MAPS OF RIBERS USED FOR SALMON AND TROUT PROPAGATION

ERIMO EAST MARITIME REGION (3)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
55	SHAKUBETSU											9			1.45						
56	CHOKUBETSU											1			1.92						
57	ATSUNAB	13			1.0			4,000	2,500	1.0					15.1				X		
58	OKOSHIBE														8.0						
59	KONBUKARI														4.6						
60	URATOKACHI														11.2						
61	IGKACHI	20,487.4	4,118		4.0	150,100			17,280	49.0		63			223.0						
62	CHOBUSHI				35.0	31,200		1,000	26,664	49.0					16.4						
63	YUDO				32.0	75,100			15,672	72.0					18.4						
64	SEIKAMYO				34.0				1,000	49.0					18.0						
65	MOROKAYATO				43.0										4.0						
66	TOBERI														36.6						
67	(SODAJIMA)														15.6						
68	REKIFUNE	1,771			1.0	9,600		PRIVATE	2,400	1.5	1	4			64.7						
69	MORBETSU							ATIONAL	3,888	15.0					30.9						
70	TOWON	70			1.0							2			37.6				X		
71	NOTSUKA														28.3						
72	RAKKO														24.7						
73	HIROO	2,052	1,130		0.1			9,900	15,000	1.5					62.7						
74	BIHORO														130						
75	ONAOBETSU														0.8						
76	OSHIRABETSU														9.7						
77	RUBESHIBETSU														3.5						
78	TANNEN														0.9						
79	PITATANNUKE														3.1						
80	SARURU	117	21		0.1			2,000	700	6.0					22.1				X		
81	SAKUBA														5.4						

A AIUSHO
B EAST 33 BRANCH
C TOSHIBETSU
D MAKUBETSU
F SATSUNAI
G TAISHO

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

ERIMO EAST MARITIME REGION (4)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE EXPERIMENTAL (1) (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
82 83 84	SHOYA KATSU (TOMABETSU)														3.2 6.5 7.0						
ERIMO EAST MARITIME REGION TOTALS						229,200		34,900	117,523 38,600	NATIONAL PRIVATE	1	182							シ 8 チ 6	15	

ERIMO WEST MARITIME REGION (I) (ERIMOMISAKI TO SHIRAKAMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (X) EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
1	UTABETSU	105	53						3,000						13.0				X	()	
2	HOROIZUMI														5.6						
3	FUEMAI														2.5						
4	NIKANBETSU	121	107	4	0.15										13.4				I		
5	HOROMAN	10	148		0.1							3			24.8	O	O			O	
6	PONSANUSHI BETSU														7.0						
7	PONSANUSHI BETSU														8.0						
8	(MABETSU)														8.2						
9	SAMANI							5,000	4,000	7.5					22.5					O	
10	(UMIJI)														8.1						
11	(UTOMA)														5.9						
12	HIDAKAHORO BETSU	636	227		0.35						2	5	■		36.9				I	O	
13	TSUKISAMU														4.1						
14	(MUKOBETSU)											6			17.2					O	
15	(ETEKI)														11.4						
16	MOTOURA	157			0.35			5,000	5,000	5.0	1	6			43.5				I	O	
17	KERIMAI														33.2					O	
18	MITSUISHI	121	8		0.15							5			31.6				I	O	
19															2.9					O	
20	(MONBETSU)														18.1					O	
21	(URAWA)														7.6						
22	NAOUTA														3.0						
23	SHIZUKAI	3,878	289		0.5	10,000			2,184	8.0		4			68.0				I	O	
24	NIKAPPU	130			2.0							18			77.3				I	O	
25	SEPPU														5.5						
26	OSEPPU														7.6						
27	ATSUBETSU														42.0					O	

ERIMO WEST MARITIME REGION (2) (ERIMOMISAKI TO SHIAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
28	GABARI														13.8						
29	(KEINOMAI)														16.3						
30	HAE														22.8						
31	MOMBETSU														33.5						
32	SARU	683			25							6			103.8						
33	MU	595			15.0							3			76.8						
34	IRISHIKABETSU														15.6						
35	ATSUMA														52.5						
36	ASIRA	689			0.8										50.5						
37	TOMAKOMAI														26.5						
38	OITOUO														19.6						
39	(KINTAKO)														18.1						
40	OBOPPU														14.9						
41	TARUMAE														16.8						
42	BETSUBETSU														16.6						
43	SHADAI														51.6						
44	SHIRA	855	32	6	1.5							1			24.2						
45	SHIKIFU	1285			1.0	12800			3552	1.0		1			22.8						
46	AYORO														5.1						
47	NOBORIBETSU														16.8						
48	INAHOROBETSU														17.6						
49	(TOMIKISHI)														7.8						
50	WASUBETSU														11.3						
51	(CHIMABETSU)														10.3						
52	KITAKOGANE														6.5						
53	MINAMIMAREPPU														9.3						
54	(HAGIHARU)														7.0						

ERIMO WEST MARITIME REGION (3) (ERIMOMISAKI TO SHIRAKAMIHISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (T) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
55	KIMONBETSU														13.1						
56	OSARU														46.8					○	
57	HIGASHIUSU														7.0						
58	MITOYO														5.0						
59	NUKIBETSU	175	30		0.5			600	2000	4.0					32.8				I	○	
60	OOKISHI														10.6						
61	REBUNGE														8.4						
62	SHIZUKARI														3.8						
63	OSHAMANE	128	26												24.7				I	○	
64	MONBETSU														13.6					○	
65	TSURUI														8.6						
66	KUNNU														14.4					○	
67															7.8						
68	TOYOTSU														5.0						
69	RUKOTSU														9.1						
70	SHIRARIKA														7.9						
71	GUITAUSHI														5.8						
72	YAMASAKI														8.6						
73	HANAURA														6.5						
74	YURAPPU	3,312	1,809		1.8	14,400			11,196	13.0	1	26			28.5				I	○	
75	ATSUTA														4.5						
76	OKUTSUNA														11.7						
77	SAKAYA											1			8.6						
78	NODAGI											7			27.2					○	
79	OTOSHITE											1			27.4					○	
80	MONUBETSU														8.5						
81	ISHIKURA														3.6						

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

ERIMO WEST MARITIME REGION (4) (ERIMOMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) (X) EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
82	NIGORS														10.6						
83	EBIYA														5.5						
84	KATSURA														10.6						
85	WASUNOKI														1.9						
86	TORIZAKI											1			20.8	○					
87	MORI														9.7						
88	OSHIRANAI						20,000		10,000	2.0					12.6						
89	(AKEKAMI)														6.7						
90	ORITO														13.7					○	
91	SHIKABE														10.3						
92	TOKORO	122			0.2							2			12.3				X		
93	ISOYA														11.5						
94	OOFUNE	○			0.5							1			3.7				X		
95	(JEISHIN)														6.8						
96	KAKUMI											2			6.1						
97	(OREBE)														6.1						
98	(YAGI)											1			9.5						
99	(POKINAO)														4.5						
100	(KINAO)											1			4.6						
101	SHIRAI														3.1						
102	SHISHINOHANA														2.2						
103	(YASHIRI)														6.6	○					
104	(MOTOMURA)														1.6						
105	KOBAY														9.7					○	
106	MEYOKONAI														1.0						
107	SHIRIKISHINA	231		56	1.0			4800	3,500	1.0	1				14.7				1	○	
108	HIURA														2.7						

ERIMO WEST MARITIME REGION (5) (ERIMOMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERV- ATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (X) EXPERIMENTAL	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
109	HIRAGI														7.6						
110	TOI														6.6						
111	SETAKO														3.3						
112	OYASU														2.9						
113	SHIODOMARI	3,593	40	125	1.8			2,400	3,000	2.0	1	1		()	20.7					()	
114	SETO														7.6					()	
115	MATSUKURA											1			23.6	()				()	
116	(SHINKAWA)														1.3					()	
117	(HISANEGETSU)														6.8					()	
118	ONO	((BECAUSE OF CHANGES THAT HAVE BEEN MADE THIS HAS BEEN AN EXPERIMENTAL RIVER SINCE 1975													28.6				X	()	
119	HEKIRICHI	591			0.7			3,600	3,600	2.0		2			22.8					()	
120	(BAGARETANI)											1			7.4					()	
121	MOHEJI	24,338			0.1			12,000	9,600	1.5		1			20.6					()	
122	TOBETSU														6.2					()	
123	DAITOBETSU	42			1.0										12.5				X	()	
124	OKAMAYA														8.5					()	
125	KAME	729			0.1			4,200	4,200	2.5		2			13.2					()	
126	(HASHIKURE)														7.5					()	
127	KOUN											4			9.0					()	
128	OSIRA											3			8.5					()	
129	KIKONAI											8			14.8					()	
130	(KENYU)											4			10.7					()	
131	(NAKANO)														8.5					()	
132	MORIKOSHI														9.8					()	
133	SHIRIUCHI	756			2.0	10,000			10,000	5.0	5				34.7					()	
134	WAKIMOTO														3.3					()	
135	TSUZURAZAWA														4.0					()	

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

ERIMO WEST MARITIME REGION (6) (ERIMOMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL(X)	GRAVEL EXTRACTION	NOTES	
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY				
136	SHIBAKURA	35			0.1	10,000		4,800	2,600	35		4			4.0				X	O		
137	FUKUSHIMA														10.8							
138	(SHIRAFU)														6.5							
139	YOSHIOKA														4.5							
TOTALS						47,200	20,000	42,400	26,932 40,500 10,000	NATIONAL PRIVATE 11 PREFECTURAL		140	1	1		5	1	0	X 1	6 20	42	

JAPAN SEA MARITIME REGION (1) (SOYAMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
1	(YAMANA)														2.5						
2	ONKOROMAINA														4.5						
3	SOYA														4.0						
4	TOMIISO														3.1						
5	MASUORO	57	405	55	2.0			3,200	2800	10.0		1	□		23.6				X		
6	(SEIMON)											3			41.9						
7	UESONA											1			5.3						
8	KUSASHIRA														4.0						
9	URDSONA														2.5						
10	KUTONEBETSU											1			6.0						
11	YUCHI														15.0						
12	ONETOMANA														7.4						
13	TESHIO	3,577	493	139	天下 5.0 中 84.0 下 100.0	中 9,600 天 9,600			中 11,240 天 9,960	中 90.0 天 120.0	1	38		○	289.75				1	○	天 TESHIO 中 F. LOWER RIVER 中 MIDDLE RIVER
14	NAKASARAKISHI														6.0						
15	MINAMI SARAKISHI														10.6						
16	BAROMUTSUNA														9.5						
17	UTTSU														16.7						
18	KITAHAMA														29.1						
19	EMBETSU	2	161	22	2.5			1,000	800	2.5	1	5			62.5				1	○	
20	KUMAUSHUNA														6.5						
21	TOMADAUSHUNA														7.6						
22	MOOTAKOSHI BETSU											1			10.4						
23	UTAKOSHI BETSU														16.0					○	
24	(NOBYKOMANA)														8.5						
25	FURENBETSU		7	1				2,000	1,000	5.0		5			15.3	○			X	○	
26	MOSHOSAMBETSU														11.7					○	
27	SHOSAMBETSU											4			17.5						

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

JAPAN SEA MARITIME REGION (2) (SOYAMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
28	TESHISAKAE														9.0						
29	TESHIORAAKE														8.5						
30	MOCHIKUBETSU											2			24.3					○	
31	CHIKUBETSU											6			35.3					○	
32	HABORO											6			37.3					○	
33	KOTAMBETSU		○		0.5			UNDER CONSTR- UCTION		1.5		4			60.3				X	○	
34	RIKIBIRA														5.6						
35	TOYOHAMA														6.7						
36	(CHIMATSU)														6.6						
37	(ONNE)											2			13.6					○	
38	HIROTONI														4.7						
39	(HIDEURA)														1.6						
40	TOMIOKA														11.0						
41	(OTODOSHI)											3			13.2						
42	HANAOKA														7.6						
43	OBIRASHIBE	11	2		11.5			1,000	3,000	11.0		3			61.1				X	○	
44	SHIRATANI														7.4						
45	RUMOI														43.5						
46	HAMANAKA														5.9						
47	ABUN														5.1						
48	NOBUSHA		41	122	0.8			8,800	11,000	2.0	1	5	□		20.9				X		
49	(SHUMONBETSU)														14.7						
50	(KIBETSU)											2			17.6					○	
51	SHOKANBETSU	725	4	243	1.0	30,000	2,000	2,200	10,000	2.0	PRIVATE PREFECTURAL	8		○	26.0				1		
52	(OBEKKARI)											3			7.1						
53	IWAOI														4.3						
54	KEMAFURI														3.1						

JAPAN SEA MARITIME REGION (3) (SOYAMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
55	CHIYOSHIBETSU														8.3						
56	TOKOTAN														8.4						
57	HORO														13.6						
58	GUNBETSU														17.7						
59	HAMAMASU (BISHARI)											2			22.3	○				○	
60	OKURIGE														8.4						
61	GOKIBIRU														3.8						
62	ATSUTA	○			6.0			1,000	1,000	6.0		1	□		6.7					○	
63	KOBUCHI														29.8				X	○	
64	MORI														11.2						
65	(SHIZUKARI)														20.0						
66	ISHIKARI	8,713	3	122	70.6	30,600			12,960	82.6		138			16.5					○	
67	(SHINKAWA)														269.4						
68	SENDATE														10.3						
69	HARIUSU														6.8						
70	ASARI														6.3					○	
71	IRIFUNE														4.3						
72	SHIOYA														4.5						
73	(MOMONAI)														9.0						
74	RAKSHIMA														7.0						
75	YOICHI	521		21	6.0			4,800	10,000	6.0	1	1			8.1					○	
76	NUTCHI														50.2					○	
77	UME														14.4					○	
78	TOYOHAMA														8.3						
79	OKINAYASHI														5.5						
80	FURUBIRA											1			7.5	○				○	
81															27.1						

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

JAPAN SEA MARITIME REGION (4) (SOYAMISAKI TO SHIRAKAMIMISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERV- ATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
82	BIKUNI							1,000	1,000			1			16.8	○				○	
83	IRIKA														6.6						
84	(SHIRATOMI)														4.3						
85	SHAKOTAN										1		□		17.0	○					
86	(HORONAI FU)														10.6						
87	YOBETSU													○	14.7						
88	(ONEMON)														5.8						
89	OBUKARUISHI														2.5						
90	NOTTO														4.5						
91	YARANAI														8.2						
92	KINABASHI														5.0						
93	(OMORI)														3.6						
94	NINOME														6.0						
95	FURUU											4	□		13.9	○					
96	UOTANI														3.0						
97	(SHINSEKI)														1.3						
98	(SHIGE IWA)														6.0						
99	SAKAZUKI														10.9						
100	(TERUKISHI)														1.3						
101	MOHERU														8.2						
102	TAMA														9.8						
103	SHIBUI														2.2						
104	(CHAZU)														4.1						
105	HORIKABU														29.6					○	
106	(NOMOTO)														11.6						
107	HOROBETSU														7.5						
108	RAIDEN														3.0						

JAPAN SEA MARITIME REGION (5) (SOYA MISAKI TO SHIRAKAMI MISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERV- ATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (I) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
109	(SHOJIN)														9.4						
110	SHIRIBETSU			964	14.5	9,600			5,310	19.0	2	16		○	125.7				I	○	
111	(YOKOTANI)														5.5						
112	HOROBETSU														9.6						
113	SHUBITO	306		46	2.0							4			43.5				I	○	
114	TOYOOKA														8.0						
115	(SHINGAWA)											3			18.2					○	
116	OSIRA											1		○	22.2					○	
117	TOMARI												□		22.7	○				○	
118	CHIWASE											1	□		22.5					○	
119	(HARAUTA)														2.5						
120	KODANISHI														9.0						
121	SUKKI										1		□		12.8						
122	MOIWA														2.4						
123	SHIMAUTA											1			9.0						
124	(TORIBA)											1			17.3					○	
125	(SAINIKU)														5.5						
126	TSCHIBETSU	1,703			8.0	5,600			1,800	9.0	2	10	□		80.1				I		
127	FUTORO											11	□		34.6					○	
128	(NAGARUISHI)														9.8						
129	ODA														4.2						
130	(KAMIKOTAN)											1			3.5						
131	(HONCHIN)														7.0						
132	USUBETSU											6			13.6						
133	KAITORIMA											1			2.7						
134	SEKIUCHI														10.0						
135	NARUKAMI														3.6						

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

JAPAN SEA MARITIME REGION (6) (SOYA MISAKI TO SHIRAKAMI MISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
136	HIRATANAI														9.6						
137	GENICHI											10	■		15.4					○	
138	OOTANI														25						
139	HIZAMIZU											4			10.6						
140	AIZAWANA											3			15.5					○	
141	HANAISO											4			3.0						
142	MITSUTANI														3.3						
143	TOPPE	○			0.7			1,600	1,700	3.5	1	3		○	16.3				X		
144	HIME											11			22.3					○	
145	ASSABU	3,991			0.8	6,400			1,880	4.0		8			43.5				1	○	
146	TASAWA											3			9.3						
147	TOMARI														6.0						
148	(TOYOBEHAI)											3			8.2						
149	(TODO)											1			9.9						
150	TENNO	○			2.0			1,000	1,000	4.0		7			28.0				X	○	
151	(OYASUMOTO)											2			11.0						
152	(KOYASUMOTO)														7.3						
153	ISHIZAKI	○			1.0							3		○	23.0				X	○	
154	HARAGUCHI														5.0						
155	(OKURAI)											1			8.0						
156	(NIKOSHI)														6.0						
157	OKAMOTSU											1	□		16.5	○				○	
158	KOKAMOTSU										1	1	□		18.5					○	
159	MOKUSA											2			18.4	○				○	
160	AKAGAMI														8.8						
161	(OZAWANA)														7.0						
162	OMATSUMAE														6.5						

JAPAN SEA MARITIME REGION (7) (SOYA MISAKI TO SHIRAKAMI MISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER		CHUM	PINK	CHERRY			
103	OYOBE	158			0.4			4,800	3,600	0.7		2		13.2				X		
104	(OZAWA)													7.5						
105	ARAYA													4.0						
106	SHIRAKAMI													2.0						
	<u>REBUN IS</u>																			
1	HORONAI		6		0.5				PRIVATE 2,200	1.0		1		7.0	○			X		
2	KUSAZAMI													3.0						
3	(UCHIRO)													3.5						
4	(KITAPPAKU)													3.0						
5	KAFUKA													2.5						
	<u>OKUSHIRO IS</u>																			
1	(TAMURA)											1		2.5						
2	SHIOGAMA											1		2.8						
3	(YACHI)													5.0						
4	(SHIMATAMA)											1		5.3						
5	AKAISHI											1		4.6						
6	AONAE											3		13.0						
7	MUENJIMA													3.2						
8	HOYASHI													3.5						
9	HORONAI													3.1						
10	(OIWAU)													3.0						

DATA USED IN CONSTRUCTION OF MAPS OF RIVERS USED FOR SALMON AND TROUT PROPAGATION.

JAPAN SEA MARITIME REGION (8) (SOYA MISAKI TO SHIRAKAMI MISAKI)

RIVER NUMBER	RIVER NAME	5-YEAR AVERAGE NUMBER CAUGHT			CATCHING DISTANCE FROM RIVER MOUTH	HATCHERY AND REARING POOL CAPACITY				DISTANCE FROM RIVER MOUTH	DAMS (HEADWORKS) CONSERVATION			RESOURCE CONSERVATION WATERS	RIVER CURRENT LENGTH	TRANSPLANT RIVERS			RIVER IN USE (1) EXPERIMENTAL (X)	GRAVEL EXTRACTION	NOTES
		CHUM	PINK	CHERRY		NATIONAL	PREFECTURAL	PRIVATE	REARING POOL CAPACITY		WITH FISHWAYS	WITHOUT	WATER			CHUM	PINK	CHERRY			
520	JAPAN SEA REGIONAL TOTALS					71,400	30,000	32,200	43,150	NATIONAL	12	383	☐ 10 ☒ 3	8					19 X 10	39	
	HOKKAIDO TOTALS					829,650	50,000	163,600	10,000	PREFECTURAL			☐ 12						25		
				HATCHERIES REARING POOLS		386,399	20,000	193,600					☒ 6	20					34	121	

TABLE OF HATCHERY OPERATORS AND OF STOCKING OPERATIONS

OKHOTSK MARITIME REGION

RIVER NUMBER	RIVER NAME	NAME OF HATCHERY OPERATOR	HOLDING CAPACITY		FRY STOCKING OPERATIONS (1970 TO 1974)			
			EGGS ('000)	FRY ('000)	CHUM SALMON	PINK SALMON	CHERRY SALMON	REARING POOL CAPACITY
4	JIZEN	SOYA F C	(TRANSPORT STOCKING)		1970 ONLY	470,000	1970/71/73 ONLY	
7	CHIRAI BETSU	SARAFUTSU F C	(" ")				565,670	
8	ONISHI BETSU	" " "	1,600	3,000	1972 ONLY	2,500,000		
10	SARAFUTSU	" " "	(TRANSPORT STOCKING)			336,000	722,000	
11	KEBETSU	HOKKAIDO STH	5,400	3,840		3,642,000	912,800	8,451
13	KITAHIMOTO	HOKKAIDO STH	9,000	—		3,053,800	1971 ONLY 550,000	1970/71/73 282,670
15	TOKUSHI BETSU	" " "	8,600	4,824		5,366,000	2,013,800	1972/74 770,000
23	HOROHAI	" " "	19,200	8,208		6,570,400	2,553,600	
27	OMU	OMU F C		4,000	1973/74	1,695,000		
29	OKOPPE	SARURU F C	(TRANSPORT STOCKING)			2,522,000	545,750	
31	MOKOPPE	" " "	(" ")				1,050,000	
33	SHOKOTSU	HOKKAIDO STH	10,000	—		6,366,200	1,497,600	1970-72 266,000
39	YUBETSU	" " "	89,600	23,964		2,271,420	3,607,200	19,665
40	BARO	YUBETSU F C	(TRANSPORT STOCKING)			1,600,000		
48	SAROMABETSU	SAROMABETSU F C	(" ")			2,183,800		
49	RAITOKORO	TOXORO F C	(" ")			1,583,600		
50	TOKORO	HOKKAIDO STH	8,100	8,513		4,915,000	1,374,000	
	NOTORO LAKE	WEST ABASHIRI F C	(TRANSPORT STOCKING)			3,513,200		
	BAIRAGI	ABASHIRI F C	(" ")		1972-74	1,790,000		
52	ADASHIRI	HOKKAIDO STH	31,000	8,400		19,789,000	4-YEAR AVERAGE 3,988,000	1,380
53	MAKOTO	" " "	28,000	6,739		8,322,800	978,000	3,994
58	SHARI	" " "	52,400	14,368		21,473,400	4,736,200	822,000
	(SHARI RAJUN)	SHARI MUNICIPALITY	4,000	7,000			1974 2,064,000	6,053
59	OKUSHI BETSU	" " "		3,000		1,668,000	1973/74 1,113,000	
65	ENOMBETSU	UTORO F C	4,500	11,000	1974	1,500,000	1970/71 1,385,000	
70	IWAOBETSU	HOKKAIDO F C	23,000	8,640		10,732,400	5,460,000	109,000
74	RUSHA	UTORO F C	4,400	3,600	1970, 74	135,000	1973/74 3,025,000	9,108

HOKKAIDO STH -- HOKKAIDO SALMON AND TROUT HATCHERIES.

F C -- FISH COOPERATIVE

TABLE OF HATCHERY OPERATORS AND OF STOCKING OPERATIONS

NEMURO MARITIME REGION										
RIVER NUMBER	RIVER NAME	NAME OF HATCHERY OPERATOR	HOLDING CAPACITY		FRY STOCKING OPERATIONS (1970 TO 1974).				REARING POOL CAPACITY	NOTES
			EGGS ('000)	FRY ('000)	CHUM SALMON	PINK SALMON	CHERRY SALMON			
4	RUSA	RAUSU F C	3,000	3,000		1,493,000	1971,72	599,500		
10	SASHIRUI	" " "	3,000	3,000	1971-74	615,000				
12	RAUSU	HOKKAIDO STH	19,200	11,283		6,052,200	1971-73	310,000	9,327	
17	HARUKARIKOTA	RAUSU F C			1971-74	1,093,250	1973	400,000		
19	SHIBETSU	SHIBETSU F C	2,000	2,000		1,296,200	1971	912,000		
20	SAKIMUI	" " "	(TRANSPORT STOCKING)			643,250	1971	300,000		
21	MOTOSAKIMUI	" " "	4,000	3,500		1,498,600	1971	300,000		
22	KUMBETSU	HOKKAIDO STH	19,200	7,920		8,142,200	1971	1,850,000	1972,74	85,330
23	KOTANUKA	SHIBETSU F C	1,500	1,500		841,000	1971	1,059,000		
24	CHURUI	" " "	6,000	6,000		1,271,000	1971-74	609,750	1972-74	139,670
25	ICHANI	HOKKAIDO STH	28,650	12,941		11,476,800	1971,74	224,1500		9,769
26	SHIBETSU	" " "	12,000	4,886					1971-74	149,750
	" " (FORK)	" " "	12,000	9,655		28,349,200		1,901,200	1971-74	1,430,000
28	TOHORO	" " "	19,200	4,721		7,037,000	1971-74	417,000	1971-74	138,750
31	SHUNBETSU	NOTSUKE F C	(TRANSPORT STOCKING)			1,179,000	1971,73,74	333,300	1971,73,74	93,330
32	TOKOTAN	" " "	3,000	2,800		1,799,200	1971-74	354,500	1971-74	125,330
34	NISHIBETSU	HOKKAIDO STH	73,900	39,457		42,807,000		942,000		772,000
36	YAUSHIBETSU	BEKKAI TOWN	4,000	3,000		1,821,250	1971,73,74	276,670	1972	100,000
37	FUREN	HOKKAIDO STH	12,400	3,150		6,039,200		2,075,600		523,750
39	BETTOGA	NEMURO BAY F C		2,000		6,851,800	1972-74	174,670	1971-74	405,000
43	HONIOE	NEMURO F C	500	500		857,200				
45	SANBAN	" " "	(TRANSPORT STOCKING)			1973	299,000			
46	NOTSUKAMAPPU	HABOMAI F C	2,000	500	1973,74	445,000				

HOKKAIDO STH -- HOKKAIDO SALMON AND TROUT HATCHERIES.

F C -- FISH COOPERATIVE

TABLE OF HATCHERY OPERATOR AND OF STOCKING OPERATIONS

ENIMO EAST MARITIME REGION

				FRY STOCKING OPERATIONS (1970 TO 1974).					
RIVER NUMBER	RIVER NAME	NAME OF HATCHERY OPERATOR	HOLDING CAPACITY					REARING POOL CAPACITY	NOTES
			EGGS ('000)	FRY ('000)	CHUM SALMON	PINK SALMON	CHERRY SALMON		
15	HOROTO	HAMANAKA CITY SALMON ASSOC.	2000	2000		1,293,900			
17	SHINGAWA		(TRANSPORT STOCKING)		1970	200,000			
20	(WARACHI HIPP)		(" ")		1970,74	129,000			
27	BEKANDEUSHI	HOKKAIDO STH	12,000	11,888		7,310,800			
39	CHOROBETSU	KOMBUMORI FC	2000	2000	1971-74	1,255,000	73,74	663,500	
45	KUSHIRO (BIRUCHI)	HOKKAIDO FC	39,200	32,736					
	KUSHIRO (KAMOI)	HOKKAIDO FC	12,000	9,408		41,173,000	73,74	55,100	24,850
46	AKAN		(TRANSPORT STOCKING)			800,000			
47	SHORO	SHIRANUKA FC	6,000	5,000		1,461,200			
50	CHARO	" "	2000	2000		1,338,000			
54	ONBETSU	" "	6,000	6,000		3,016,600	73,74	1,070,000	
57	ATSUNAI	OTSU FC	4,000	2,500	70-73	1,865,000			
61	TOKACHI	HOKKAIDO STH	75,100	15,672		12,214,400	73	233,000	2,235
	TOKACHI (MIZUNAI)	" "	50,100	17,280		26,423,200			8,280
	TOKACHI (MAKUBETSU)	" "	3,120	26,664		21,250,600			
	TOKACHI (OSHIBETSU)	IKEDA CITY	1,000	1,000		896,600			
	SUB-TOTAL		129,320	60,616		60,784,800			
68	REKIFUNE	HOKKAIDO FC	9,600	3,888		4,812,000	73,74	735,500	1,676
	(KOSEI)	TAIKI FC		2,400	1973,74	1,870,000			
70	TOYONI		(TRANSPORT STOCKING)			1,100,000			
73	HIROO	HIROO FC	9,900	15,000		6,825,800	73,74	1,198,000	
76	OSHIRABETSU				1973,74	600,000			
80	SARURU	SHIKANO FC	2,000	700		1,314,000	74	1,000	

TABLE OF HATCHERY OPERATORS AND OF STOCKING OPERATIONS

ERIMO WEST MARITIME REGION

RIVER NUMBER	RIVER NAME	NAME OF HATCHERY OPERATOR	HOLDING CAPACITY		FRY STOCKING OPERATIONS (1970 TO 1974).				REARING POOL CAPACITY	NOTES
			EGGS ('000)	FRY ('000)	CHUM SALMON	PINK SALMON	CHERRY SALMON			
1	UTABETSU	ERIMO CITY F C		3,000		834,000	1971, 73, 74	1,240,000		
4	NIKANBETSU	SAMANI CITY				860,000	1971, 73, 74	1,000,000		
5	KOROMAN	" " "			1971, 72	750,000	1971, 72	1,400,000	70 00	
9	SAMANI	" " "	5,000	4,000						
12	HIDAKAHORO	URAKAWA F C				1,692,000	1971, 73, 74	1,527,330		
16	BETSU					2,047,400	1973	1,100,000		
	MOTOURA	URAKAWA REGIONAL SALMON CONSERVATION	5,000	5,000		773,600	1973	500,000		
18	SHIZUNAI	MITSUISHI F C	10,000	2,184		4,288,800	1971	3,131,000	1,150	
23	SHIZUNAI	HOKKAIDO STH				774,600	1971	650,000		
24	NIKAPPU					1,067,500				
32	SARU					1,157,200	1971	700,000		
33	MU					1,080,000				
36	ABIRA (YUFUTSU)				1970	1,360,200				
44	SHIRAOI	SHIRAOI F C				4,493,800	1973	3,000	15,005	
45	SHIKIFU	HOKKAIDO STH	12,800	3,552		1,048,600	1971	12,000		
59	NUKIBETSU	TOYOURA F C	600	2,000		954,000				
63	OSHAMAMBE					6,579,600		1,734,400	44,200	
74	YURAPPU	HOKKAIDO STH	14,400	11,196		400,000	1972-74			
79	OTOSHIBE					360,000	1973, 74			
86	SHIMAZAKI					8,998,400				
	MORI	HOKKAIDO DEPT OF FISHERIES HATCHERY	20,000	10,000		629,600				
92	TOKORO					190,000	1973	200,000		
94	OOFUNE					185,000				
103	YASHIRI					1,134,750	1971	100,000		
107	SHIRIKISHINAI	SHIRIKISHINAI F C	4,800	3,500		2,299,800	1971, 73	250,000	1970, 71, 73	134,670
113	SHIODOMARI	HAKODATE REGIONAL SALMON BREEDING SOCIETY	2,400	3,000		1,400,000				
115	MATSUKURA					2,272,000				
118	ONO					1,942,700	1970, 72-74			
119	HEKIRICHI	KAMISO F C	3,600	3,600		8,592,400				
121	MOHEJI	MOHEJI F C	12,000	9,600		520,000				
123	DAITOSETSU					1,426,400				
125	KAME	KIKONAI F C	4,200	4,200		1,695,000				
133	SHIRIUCHI	HOKKAIDO STH	1,200			323,670	1972-74			INSTALLED 1975
137	FUKUSHIMA	FUKUSHIMA CITY	4,800	2,600						

HOKKAIDO STH -- HOKKAIDO SALMON AND TROUT HATCHERIES.

F C -- FISH COOPERATIVE

TABLE OF HATCHERY OPERATORS AND OF STOCKING OPERATIONS

JAPAN SEA MARITIME REGION

RIVER NUMBER	RIVER NAME	NAME OF HATCHERY OPERATOR	HOLDING CAPACITY		FRY STOCKING OPERATIONS (1970 TO 1974)				NOTES
			EGGS ('000)	FRY ('000)	CHUM SALMON	PINK SALMON	CHERRY SALMON	REARING POOL CAPACITY	
RESUR 1	REBUN IS.	FUNADOMARI F C			1971-73	214,300	1973-74	786,000	
3	HORONAI								
	UCHIRO								
4	(OZAKI)								
RISHIRI 1	RYSHIRI IS.						1970	146,000	
	ONIWAKE						1971	50,000	
5	MASUHORO	SOYA F C	3,200	2,800		1,073,400		1,026,600	
6	SEIMON		(TRANSPORT STOCKING)		1971	140,000			
13	TESHIO	HOKKAIDO STH	9,600	9,960		5,859,800		4,351,000	
"	" (MIDSTREAM)	" " "	9,600	11,239			1971	50,000	
19	EMBETSU	EMBETSU F C	1,200	800	1972-74	1,357,670			
25	FURENBETSU	SHOSAMBETSU F C	2,000	1,000	1972-74	766,600	1971, 73, 74	60,000	
33	KOTANBETSU		(TRANSPORT STOCKING)		1972-74	766,600			
13	OBIRASHIBE	OBIRA F C	1,000	3,000		720,000	1971-73	766,600	
18	MOBUSA	RUMOI REGIONAL SALMON BREEDING SOCIETY	8,800	11,000	1972-74	1,001,000	1971-74	1,264,250	
51	SHOKAMBETSU		2,000	2,200		3,105,800	1970, 71, 73, 74	1,050,250	
"	" (MASHIKE)	MASHIKE F C	9,600	11,239					5,000
59	HAMAMASU	HOKKAIDO DEPT. OF FISHERIES HATCHERY	(TRANSPORT STOCKING)		1971-74	437,000			
63	ATSUTA	HAMAMASU F C	1,000	1,000	1971-74	825,750			
67	ISHIKARI	ATSUTA F C	30,600	12,960		9,270,000	1971	6,850,000	
76	YOICHI	HOKKAIDO STH	4,800	10,000		2,713,200	1973	1,495,000	321,000
82	BIKUNI	SHIRIBETSU REG. SOCIETY	1,000	1,000	1971-74	586,250	1971	17,000	22,152
85	SHAKOTAN	SHAKOTAN CITY	(TRANSPORT STOCKING)		1971-74	490,000			
95	FURU	" " "	(" ")		1971-74	150,000	1971	202,000	
103	SHIBUI	KAMOHENAI F C	(" ")			1,355,800	1971	202,000	221,600
110	SHIRIBETSU	HOKKAIDO STH	9,600	5,309		529,200	1971	1,446,000	141,000
126	TOSHIBETSU	" " "	5,600	1,806		2,624,400	1971		1,137,800
143	TOPPU	OTOBE CITY F.C	1,600	1,700	1971-74	562,250			
145	ASSABU	HOKKAIDO STH	6,400	1,879		3,406,200			805
147	TOMARI	SHIMAMAKIMURA	(TRANSPORT STOCKING)		1972-74	150,000			
150	TENNO	KAMIHOKUNI F C	1,000	1,000	1971-74	600,000			
153	ISHIZAKI	" " "	(TRANSPORT STOCKING)		1971-74	692,000			
157	OOKAMOTSU	ESASHI, KIYOSBE AND MOKUSA F C's			1973	100,000			
159	MOKUSA				1973	150,000			
163	OYOBE	MATSUMAE F C	4,800	3,600	1971-74	683,000			

HOKKAIDO STH -- HOKKAIDO SALMON AND TROUT HATCHERIES

F C -- FISH COOPERATIVE

LIST OF RIVERS IN WHICH ADULT SALMON ARE CAUGHT DURING THE RUN.

FROM 1970 TO 1974.

NUMBER OF RIVERS.

MARITIME REGION	CHUM SALMON	PINK SALMON	CHERRY SALMON
OKHOTSK MARITIME REGION	2 0	2 3	7
NEMURO MARITIME REGION	2 3	1 4	1 0
ERIMO EAST MARITIME REGION	1 4	4	0
ERIMO WEST MARITIME REGION	2 6	1 1	4
JAPAN SEA MARITIME REGION	1 1	9	1 0
TOTALS	9 4	6 1	3 1

OKHOTSK MARITIME REGION (CHUM SALMON)

オホーツク海区 (サケ)

RIVER	YEAR	SEPTEMBER 9			OCTOBER 10			NOVEMBER 11			DECEMBER 12			JANUARY 1			TOTAL	PEAK RUN-RATIO		NOTES		
		EARLY	MID	LATE	EARLY	MID	LATE	EARLY	MID	LATE	EARLY	MID	LATE	EARLY	MID	LATE		MAIN PEAK	RUN PERIOD			
10 SARAFUTSU	1970																					
	1971																					
	1972																					
	1973																			FISH RUN LATE SEP- EARLY OCT		
	1974			5	4												9	LATE SEP	LATE SEP			
	TOTAL			5	4												9	SEP	SEP			
11 TOMBETSU	AVERAGE			5	4												9	56%	EARLY OCT 100%			
	1970		7	24	51	64	273	111	28	6							567					
	1971		2	10	20	176	842	305	489	189							2,030					
	1972			57	100	573	1,588	608	285	86	35						3,332					
	1973		13	16	34	166	237	169	226	71	17						949			FISH RUN EARLY SEP		
	1974	1	3	6	68	200	1,078	1,250	1,005	208	25	62					3,918	LATE OCT	LATE OCT	MID DEC		
13 KITAKHOROBUETSU	TOTAL	4	25	113	276	1,183	4,018	2,443	2,033	560	77	62					10,756					
	AVERAGE	0.8	5	22.6	55.2	236.6	803.5	488.6	406.6	112	15.4	12.4					2,159.2	37%	MID NOV 7%			
	1970	3	47	956	1,423	1,995	332	126	2								4,884					
	1971		101	592	502	113	19	30	2								1,359					
	1972	7	34	931	1,654	288	24	34									2,972			FISH RUN EARLY SEP		
	1973		71	661	699	136	16	54	3								1,640	EARLY OCT	LATE SEP	EARLY DEC		
15 TORUSHIBETSU	1974	21	209	514	876	108	33	25	1	18	4						1,809					
	TOTAL	31	462	3,654	5,154	2,640	424	269	8	18	4						12,661					
	AVERAGE	6.2	92.4	730.8	1,030.8	528	84.8	53.8	1.6	3.6	0.8						2,532.8	41%	90%			
	1970	2	12	31	52	75	45	75	53								375					
	1971		1	65	90	527	719	719	403	94	6	4					2,628					
	1972	4	1	493	4,014	1,870	2,712	1,291	428	252	137	12					11,220					
15 TORUSHIBETSU	1973	13	38	714	455	279	36	149	41	66	90	114	10	3			2,038	EARLY OCT	EARLY- LATE OCT	FISH RUN EARLY SEP TO LATE JAN.		
	1974	53	164	517	657	86	188	181	83	117	279	296	45	19			2,685					
	TOTAL	72	246	1,820	5,208	2,837	3,700	2,415	1,008	529	512	426	85	22			18,946					
	AVERAGE	14.4	49.2	364	1,053.6	567.4	740	483	201.6	105.8	102.4	85.2	17	4.4			3,789.2	28%	60%			

OKHOTSK MARITIME REGION (CHUM SALMON)

オホーツク海区(サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		MAIN PEAK	RUN PERIOD	
23 HORONAI	1970		7	7	79	1,152	68	551	170	54	177	37					3,602			FISHING SEASON
	1971		1	16	79	382	349	82	64	190	105	12					1,280			漁期
	1972		2	15	59	585	1,111	319	599	511	690	85					3,976	LATE OCTOBER	LATE OCTOBER TO MID NOVEMBER	9月上旬～12月下旬
	1973		2	99	151	206	374	727	437	153	96	197	45				2,418			MIDDLE SEPTEMBER TO LATE DECEMBER
	1974			25	128	222	1,018	437	230	195	352	546	265				3,118			
	TOTAL		12	162	496	2,547	2,920	2,116	1,500	1,103	1,390	877	310				14,694	10下	10～11月	
	AVERAGE		2.4	32.4	99.2	509.4	584	423.2	300	220.6	278	175.4	62				2,938.8	20%	62%	
27 OMI	1970																			FISHING SEASON
	1971																			漁期
	1972																			
	1973			1	3	3			1		2	7	1				18	LATE NOVEMBER	LATE NOVEMBER TO MIDDLE DECEMBER	9月上旬～12月下旬
	1974							1		16	6						23			LATE SEPTEMBER TO LATE DECEMBER
	TOTAL			1	3	3		1	1	16	8	7	1				41	11月下旬	11月下旬～12月中旬	
	AVERAGE			0.5	1.5	1.5		0.5	0.5	8	4	3.5	0.5				20.5	10%	75%	
29 OKOPPE	1970				11	22	39	18	43	41							174			FISHING SEASON
	1971								23	46	38	53	14				171			漁期
	1972				4		2		4		175	4	7				196	EARLY DECEMBER	LATE NOVEMBER TO MID DECEMBER	10月上旬～12月下旬
	1973								2	14							16			EARLY OCTOBER TO LATE DECEMBER
	1974					7			14	87	33	116	2				259			
	TOTAL				15	29	41	18	86	188	246	173	23				819	12月上旬	11月～12月	
	AVERAGE				3	5.8	8.2	3.6	17.2	37.6	49.2	34.6	4.6				163.8	30%	74%	
33 SHOKOTSU	1970				99	16	334	163	551	455	826	239	3,137	200			6,020			FISHING SEASON
	1971				52	241	336	23	314	255	205	511	112				2,052			漁期
	1972			61	241	526	495	238	237	1,455	3,941	950	448				8,596	EARLY DECEMBER	EARLY MIDDLE AND LATE DECEMBER	9月上旬～11月中旬
	1973				23	101	58	101	173	212	372	515	167				1,722			LATE SEPTEMBER TO EARLY JANUARY
	1974				83	82	79	37	66	348	578	914	86				2,273			
	TOTAL			61	498	966	1,302	562	1,341	2,725	5,925	1,132	3,950	200			20,655	12月中旬	12月上旬～1月	
	AVERAGE			12.8	99.6	193.2	260.4	112.4	268.2	545	1,125	626.4	790	40			1,133	29%	63%	

(OKHOTSK MARITIME REGION (SHUM SALMON))

オホーツク海区(サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		MAIN PEAK	RUN PERIOD	
39 YUETSU	1970	11	19	39	80	167	588	1,185	2,075	5,871	13,770	16,141	13,555	5,051	2,619		61,024			FISHING SEASON
	1971	9	14	173	82	215	809	157	1,333	3,418	8,579	7,758	7,207				31,261			
	1972	11	46	70	289	757	851	763	3,514	9,817	26,333	15,810	11,992	2,119			72,402			漁期 9月15日 ~1月4日
	1973		8	38	53	370	311	691	1,100	2,954	5,939	5,212	1,668	293			18,640	MIDDLE DECEMBER	LATE NOVEMBER TO LATE DECEMBER	
	1974	11	8	84	143	115	196	252	291	1,898	6,502	6,063	2,918	767	85		19,236			EARLY SEPTEMBER TO MIDDLE JANUARY
	TOTAL	42	95	404	647	1,624	2,755	3,053	8,316	23,758	37,370	51,034	37,400	8,233	2,734		202,666	12月中旬	11月下旬 ~12月中旬	
	AVERAGE	8.4	19	80.8	129.4	324.8	511	610.5	1,663.2	4,751.6	7,474	10,206.8	7,480	1,646.6	546.8		10,533.2	25%	71%	
40 BARO	1970																			LATE NOVEMBER TO EARLY DECEMBER
	1971																			
	1972																			11月下旬 ~12月上旬
	1973																			
	1974																			
	TOTAL							23	22	67	25						137	11月下旬	11月下旬 ~12月上旬	
	AVERAGE							23	22	67	25						137	49%	67%	
SAROMA LAKE	1970									41	1,507	978	44				2,570			FISHING SEASON 漁期 11月下旬 ~12月15日
	1971																			
	1972																			EARLY DECEMBER EARLY TO MIDDLE DECEMBER
	1973																			
	1974																			LATE NOVEMBER TO LATE DECEMBER
	TOTAL									41	1,507	978	44				2,570	12月上旬	12月上旬 ~12月中旬	
	AVERAGE									41	1,507	978	44				2,570	59%	99%	
48 SAROMABETSU	1970				2	12	47	70	62	238	61	459	21				972			FISHING SEASON
	1971					7	43	22	206	293	171	83					825			
	1972				4	28	47	119	393	522	526	150					1,782			漁期 10月15日 ~12月15日
	1973					19	20	97	268	235	77	96	11				823	LATE NOVEMBER	MIDDLE NOVEMBER TO EARLY DECEMBER	
	1974				12	17	30	15	44	121	17						256			EARLY OCTOBER TO LATE DECEMBER
	TOTAL				18	83	187	316	973	1,409	852	788	32				4,658	11月下旬	11月中旬 ~12月15日	
	AVERAGE				3.6	16.6	37.4	63.2	194.6	281.8	170.4	157.6	6.4				931.6	30%	69%	

OKHOTSK MARITIME REGION (CHUM SALMON)

オホーツク海区(サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		MAIN PEAK	RUN PERIOD	
49 RAITORO	1970					25	27	19	110	44							222			FISHING SEASON 漁期 10月中旬 ～11月下旬 MIDDLE OCTOBER TO LATE NOVEMBER
	1971					29	20	49	20								69			
	1972						74	36	14								124	MIDDLE NOVEMBER	LATE OCTOBER	
	1973						25	21	99	16							161		TO MIDDLE NOVEMBER	
	1974					20	33	19	0	0							72			
	TOTAL					74	179	144	243	60							618	11月中旬 ～11月下旬	10月下旬 ～11月中旬	
	AVERAGE					14.8	35.8	28.8	48.6	12							129.6	37%	86%	
50 TOKORO	1970	6	21	35	95	137	175	209	291	549	195	150					1,863			FISHING SEASON 漁期 9月上旬 ～1月上旬 EARLY DECEMBER TO MIDDLE DECEMBER TO EARLY JANUARY
	1971	5	3	18	13	94	144	49	190	179	110						805			
	1972	2	10	72	215	232	331	221	230	1,458	3,062	491					6,324		LATE NOVEMBER	
	1973		8	42	56	145	48	271	869	623	668	841	352				3,929	EARLY DECEMBER	TO MIDDLE DECEMBER	
	1974	7	6	20	103	123	137	86	79	406	219	2,267	1,193	115			4,761			
	TOTAL	20	48	187	482	731	835	836	1,659	3,215	4,254	3,749	1,545	115			17,682	12月上旬 ～12月中旬	11月下旬 ～12月中旬	
	AVERAGE	4	9.6	37.4	96.4	146.2	167	167.2	331.8	643	850.8	749.8	309	23			3,536.4	24%	63%	
51 (MISAKI LAKE)	1970																			FISHING SEASON 漁期 10月中旬 ～12月中旬 LATE NOVEMBER TO MIDDLE OCTOBER TO MIDDLE DECEMBER
	1971																			
	1972					35	32	31	51	5							154			
	1973																			
	1974						40	93	198	460	1,459	267					2,517		LATE NOVEMBER	
	TOTAL					35	72	124	249	165	1,459	267					2,671	11月下旬 ～11月中旬	11月中旬 ～11月中旬	
ABASHIRO	1970		11	79	409	888	1,578	1,552	1,147	14,473	19,083	19,507	12,281	7,598	1,597		80,203			FISHING SEASON 漁期 9月1日 ～10月1日 EARLY SEPTEMBER TO MIDDLE JANUARY
	1971		11	126	566	889	1,001	1,615	1,498	4,493	10,598	14,562	9,101	3,728			48,188			
	1972	3	34	78	1,753	4,912	5,076	4,887	2,474	6,748	11,389	2,495	2,986	870			43,705			
	1973		3	176	930	5,502	5,968	5,921	15,825	10,377	9,638	7,867	3,350	162			65,720			
	1974		16	176	464	2,696	2,783	2,406	2,192	5,420	11,809	10,104	3,198	503			11,767			
	TOTAL	3	75	635	4,122	14,887	16,406	16,381	23,136	41,511	62,517	54,535	30,916	12,862	1,597		279,583			
	AVERAGE	0.6	15	127	824.4	2,977.4	3,281.2	3,276.2	4,627.2	8,302.2	12,503.4	10,907	6,183.2	2,572.4	319.4		55,916.6			

OKHOTSK MARITIME REGION (CHUM SALMON)

オホーツク海区(サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
WEST ABASHIRI	1970											854	663	95	20		1,632			FISHING SEASON 漁期 10月F旬 ~1月F旬 LATE OCTOBER TO LATE NOVEMBER
	1971									52		97	71	35	165	20	110			
	1972									53	6	21					80			
	1973						254	659	1,345	499	136	586	66	30	35		3,610			
	1974																			
	TOTAL						254	659	1,345	604	142	1,558	800	160	240	20	5,762			
52 ABASHIRI	AVERAGE						63.5	164.7	336.2	151	35.5	389.5	200	40	55	5	1,440.5			FISHING SEASON 漁期 9月F旬 ~1月F旬 EARLY DECEMBER TO LATE JANUARY
	1970		11	79	409	888	1,578	1,552	1,147	14,473	19,083	20,361	12,941	7,693	1,617		81,835			
	1971		11	126	566	889	1,001	1,615	1,498	4,545	10,598	14,659	9,172	3,763	165	20	48,628			
	1972	3	34	78	1,753	4,912	5,076	4,887	2,474	6,801	11,395	2,516	2,986	870			43,785	EARLY DECEMBER	EARLY DECEMBER	
	1973		3	176	930	5,502	6,222	6,580	17,170	10,876	9,774	3,423	3,416	193	35		69,330	TO LATE DECEMBER	TO LATE DECEMBER	
	1974		16	176	464	2,696	2,783	2,406	2,192	5,420	11,809	10,104	3,198	503			11,767	12月F旬 ~12月F旬	12月F旬 ~12月F旬	
53 MOKOTO	TOTAL	3	75	635	4,122	14,887	16,660	17,010	24,481	42,115	62,659	56,093	31,716	13,022	1,817	20	285,315	12月上旬 ~12月上旬	12月F旬 ~12月F旬	FISHING SEASON 漁期 9月中旬 ~12月F旬 MIDDLE DECEMBER TO LATE DECEMBER
	AVERAGE	0.6	15	127	824.4	2,977.4	3,332	3,408	4,896.2	8,423	12,531.8	11,218.6	6,343.2	2,604.4	363.4	4	57,069	22%	53%	
	1970		1	4	14	33	78	75	40	336	862	571	329				2,343			
	1971			1	8	15	27	16	73	112	572	618	473				1,915			
	1972			1	4	16	23	43	84	245	252	227	145				1,040			
	1973				1	19	60	62	170	392	1,645	566	86				3,001	EARLY DECEMBER	LATE NOVEMBER	
58 SHIRANUI	1974					5	9	51	71	956	435	1,136	43				2,709	TO MIDDLE DECEMBER	TO MIDDLE DECEMBER	FISHING SEASON 漁期 9月F旬 ~12月F旬 EARLY DECEMBER TO LATE DECEMBER
	TOTAL		1	6	27	88	197	247	441	2,041	3,766	3,118	1,076				14,008	12月上旬 ~12月上旬	11月F旬 ~12月F旬	
	AVERAGE		0.2	1.2	5.4	17.6	39.4	49.4	88.2	408.2	753.2	623.6	215.2				2,201.6	31%	81%	
	1970		23	127	355	654	758	637	2,010	7,909	17,401	19,340	2,025				51,239			
	1971	5	103		172	730	1,059	346	1,663	4,467	9,703	6,741	1,561				26,556			
	1972	59	222	221	3,103	2,373	1,579	1,727	5,329	15,060	15,703	5,725	579				51,680	EARLY DECEMBER	MIDDLE NOVEMBER	
58 SHIRANUI	1973	4	12	147	627	2,472	2,836	3,098	6,805	2,709	9,996	5,728	863				35,287	TO EARLY DECEMBER	TO EARLY DECEMBER	FISHING SEASON 漁期 9月F旬 ~12月F旬 EARLY DECEMBER TO LATE DECEMBER
	1974	49	171	231	510	1,159	628	822	2,045	4,645	6,635	8,373	1,175				26,713	11月F旬 ~12月F旬	11月F旬 ~12月F旬	
	TOTAL	117	531	726	4,767	7,388	6,860	6,630	17,852	34,790	59,438	45,910	6,506				194,515	12月上旬 ~12月上旬	11月F旬 ~12月F旬	
	AVERAGE	23.4	106.2	145.2	953.4	1,477.6	1,372	1,326	3,570.1	6,958	11,887.6	9,182	1,301.2				38,303	31%	59%	

OKHOTSK MARITIME REGION (CHUM SALMON)

オホーツク海区(サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
59 OKUSHIBETSU	1970																1,395			FISHING SEASON
	1971					23	10	2	152	937	271						3,521	EARLY DECEMBER		漁期
	1972			5	34	60	39	91	282	1,403	1,255	352					4,308		MIDDLE NOVEMBER TO EARLY DECEMBER	9月中旬～12月中旬
	1973		5	16	1	20	89	189	617	680	2,146	515					1,092			MIDDLE SEPTEMBER TO MIDDLE DECEMBER
	1974		1	1	48	322	33	11	155	351	163	7					10,316	12月上旬	11月中旬～12月上旬	
	TOTAL		6	22	83	425	171	293	1,206	3,371	3,835	904					2,579	37%	81.5%	
	AVERAGE		1.5	5.5	20.75	106.25	42.75	73.25	301.5	842.75	958.75	226								
70 IWAOBETSU	1970						31	105	425	2,114	2,239	1,098	104				6,116			FISHING SEASON
	1971							1	42	286	695	628	650				2,302			
	1972				3	2		34	129	948	1,407	795	584				3,902		MIDDLE NOVEMBER TO MIDDLE DECEMBER	漁期
	1973					35	244	129	673	1,643	2,076	1,378	172				6,350			10月上旬～12月上旬
	1974					3	7	94	250	1,404	1,349	1,186	259				4,552	MIDDLE DECEMBER		EARLY OCTOBER TO LATE DECEMBER
	TOTAL				3	40	282	363	1,519	6,395	7,766	5,085	1,769				23,222	12月上旬	11月中旬～12月中旬	
	AVERAGE				0.6	8	56.4	72.6	303.8	1,279	1,553.2	1,017	353.8				4,644.4	34%	85%	
74 RUSHA	1970									57	18						75			FISHING SEASON
	1971																			
	1972																			漁期
	1973																	EARLY NOVEMBER		11月F旬～12月上旬
	1974									200							200		NOVEMBER LATE	
	TOTAL									257	18						275	11月上旬	11月F旬	NOVEMBER TO EARLY DECEMBER
	AVERAGE									128.5	9						137.5	93%	93%	

NEMURO MARITIME REGION (CHUM SALMON)

根 室 海 区 (サ ケ)

River	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
4 RUSA	1970							2			65	91	15				173			FISHING SEASON
	1971									14	66	44	3				127			
	1972								16	331	234	197	1				779	EARLY	LATE	漁 期
	1973							22	63	61	25	47	10				228	DECEMBER	NOVEMBER	11月上旬 ~12月下旬
	1974								13	166	210	130	12				531	TO MIDDLE	EARLY	
	TOTAL							22	94	572	600	509	41				1,838	12月上旬	11月 ~12月4日	NOVEMBER TO LATE DECEMBER
	AVERAGE							4.4	18.8	114.4	120	101.8	8.2				367.6	33%	91%	
10 SASHINU	1970																			FISHING SEASON
	1971																			
	1972																			
	1973							8	41	100	293	160	70				681	EARLY	EARLY	EARLY
	1974								14	60	87	75	9				215	DECEMBER	DECEMBER	11月1日 ~12月下旬
	TOTAL							8	55	160	380	244	79				926	12月上旬	12月1日 ~12月4日	EARLY NOVEMBER
	AVERAGE							4	27.5	80	190	122	39.5				463	41%	67%	TO LATE DECEMBER
12 RAUSU	1970							5	16	193	792	1,824	1,803	387	176		5,196			FISHING SEASON
	1971							10	6	661	1,734	1,553	524	8			4,496			
	1972							30	304	3,071	2,762	1,038	205	22			7,432			漁 期
	1973	1	1					1	125	1,622	3,696	2,804	1,286	52			9,678	LATE	TO MIDDLE	11月上旬 ~12月上旬
	1974							29	255	2,319	2,620	1,282	102				6,607	NOVEMBER	DECEMBER	EARLY SEPTEMBER
	TOTAL	1	1					46	480	5,802	11,303	9,929	5,100	571	176		33,109	11月下旬 ~12月4日	11月中旬 ~12月4日	TO EARLY JANUARY
	AVERAGE	0.2	0.2					9.2	96	1,160.4	2,260.6	1,985.8	1,020	114.2	35.2		6,681.8	34%	96%	
17 HAKURIKOTAN	1970																			FISHING SEASON
	1971																			
	1972																			漁 期
	1973																			10月中旬 ~12月上旬
	1974					1		9		11	25						46	EARLY	LATE	TO EARLY MIDDLE
	TOTAL					1		9		11	25						46	12月上旬	11月1日 ~12月1日	TO EARLY DECEMBER
	AVERAGE					1		9		11	25						46	41%	67%	

NEMURO MARITIME REGION (CHUM SALMON)

根 室 海 区 (サ ケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
18 RIKUSHIBETSU	1970																			FISHING SEASON 漁 期 11月1旬 TO MIDDLE DECEMBER EARLY NOVEMBER TO MIDDLE DECEMBER
	1971																			
	1972																			
	1973																			
	1974							2	9	207	149	244					611			
	TOTAL							2	9	207	149	244					611	12月中旬	11月下旬 ~12月中旬	
19 UEBETSU	AVERAGE							2	9	207	149	244					611	40%	98%	FISHING SEASON 漁 期 10月1旬 TO MIDDLE DECEMBER EARLY OCTOBER TO LATE DECEMBER
	1970							7	52	141	324	1,219	202				1,945			
	1971					7	18	16	193	245	985	1,187	48				2,699			
	1972				1	2	5	62	266	1,099	1,429	441	5				3,310	MIDDLE DECEMBER	LATE NOVEMBER TO MIDDLE DECEMBER	
	1973							3	92	334	554	800	33				1,816			
	1974						6	38	111	1,035	1,079	815	266				3,350			
20 SAKINU	TOTAL				1	9	29	126	714	2,854	4,371	4,462	554				13,120	12月中旬	11月下旬 ~12月中旬	FISHING SEASON 漁 期 10月1旬 TO MIDDLE DECEMBER EARLY OCTOBER TO LATE DECEMBER
	AVERAGE				0.2	1.8	5.8	25.2	142	570.8	874.2	892.4	110.8				2,624	34%	89%	
	1970						3	24	89	237	592	345	94				1,384			
	1971					10	55	51	1,225	660	592	329	6				2,928			
	1972				2		4	121	217	658	558	208	3				1,771	EARLY DECEMBER	MIDDLE NOVEMBER TO MIDDLE DECEMBER	
	1973							2	74	211	373	422	9				1,091			
21 MOTOSAKINU	1974						5	53	231	793	684	124					1,890			FISHING SEASON 漁 期 10月1旬 TO MIDDLE DECEMBER EARLY OCTOBER TO LATE DECEMBER
	TOTAL				2	10	67	251	1,836	2,559	2,799	1,428	112				9,064	12月上旬	11月中旬 ~12月中旬	
	AVERAGE				0.4	2	13.4	50.2	367.2	511.8	1559.8	285.6	22.4				1,812.8	31%	95%	
	1970							2	7	35	39	70	31				184			
	1971								114	116	388	317	6				941			
	1972							7	128	1,053	686	116					1,990			
21 MOTOSAKINU	1973								4	58	174	89	3				328	MIDDLE DECEMBER	LATE NOVEMBER TO MIDDLE DECEMBER	FISHING SEASON 漁 期 11月1旬 TO MIDDLE DECEMBER EARLY NOVEMBER TO LATE DECEMBER
	1974							69	312	321	87						789			
	TOTAL							9	322	1,574	1,608	679	40				4,232	12月中旬	11月下旬 ~12月中旬	
	AVERAGE							1.8	64.4	314.8	321.6	135.8	8				846.1	37%	91%	

NEMURO MARITIME REGION (CHUM SALMON)

根 室 海 区 (サ ケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
22 KUMBETSU	1970			1	1	3	4	89	295	411	975	659	29				2,167			FISHING SEASON
	1971				17	55	86	237	2,645	1,641	1,499	371					6,551			
	1972				3	9	73	623	1,438	714	431	127					3,418	MIDDLE NOVEMBER		漁 期
	1973						1	23	117	214	209	130	9				703			9月下旬
	1974				3	4	10	65	58.3	1,541	832	441	53				3,535			12月下旬
	TOTAL			1	24	71	174	1,037	5,078	4,521	3,946	1,731	91				16,674	11月中旬		TO MIDDLE DECEMBER
	AVERAGE			0.2	4.8	14.2	34.8	207.4	1,015.6	904.2	789.2	346.2	18.2				3,334.8	30%	81%	
23 KOTANUKA	1970								2	17	37						56			FISHING SEASON
	1971								64	95	201	175					535	EARLY DECEMBER		
	1972							17	60	173	165	208	2				625			漁 期
	1973								11	48	204	109	3				375			11月上旬
	1974								21	335	372	162					890			TO MIDDLE DECEMBER
	TOTAL							17	158	668	979	654	5				2,481	12月上旬		TO LATE DECEMBER
	AVERAGE							3.4	31.6	133.6	195.8	130.8	1				496.2	39%	92%	
24 OHURU	1970	2	1	1	7	1	1	14	42	186	68	178					501			FISHING SEASON
	1971		1		3	15	18		111	229	380	363					1,120			
	1972					1	26	83	134	673	791	234					1,942	EARLY NOVEMBER		漁 期
	1973							27	109	401	774	431	73				1,818			9月上旬
	1974					2	8	32	140	873	781	341	12				2,189	EARLY DECEMBER		TO MIDDLE DECEMBER
	TOTAL	2	2	1	10	19	53	156	536	2,365	2,794	1,547	85				7,570	12月上旬		TO LATE DECEMBER
	AVERAGE	0.4	0.4	0.2	2	3.8	10.6	31.2	107.2	473	558.8	309.4	17				1,514	37%	89%	
25 ICHANG	1970			1	1	8	205	793	1,077	1,676	3,051	1,113	635				8,560			FISHING SEASON
	1971		6	25	18	32	144	335	2,604	1,020	453	380	29				5,046			
	1972		18	17	10	7	136	697	1,265	2,734	791	374	13				6,062			
	1973		2	4	3	20	91	144	314	484	511	260	206	6			2,015	EARLY NOVEMBER		9月中旬
	1974			3	58	69	193	101	583	1,189	1,065	530	171				3,962	LATE NOVEMBER		TO MIDDLE DECEMBER
	TOTAL		26	50	90	136	769	2,070	5,843	7,103	5,871	2,657	1,051	6			25,675	11月下旬		TO EARLY JANUARY
	AVERAGE		5.2	10	18	27.2	153.8	414	1,168.6	1,420.6	1,174.2	511.4	210.8	1.2			5,135	28%	92%	

NEMURO MARITIME REGION (CHUM SALMON)

根 室 海 区 (サ ケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PERIOD	RUN PERIOD	
SHIBETSU	1970				459	530	1,500	2,077	2,358	2,725	1,088	3,180	3,498	1,503	2,404	1,881	1,709			24,912			FISHING SEASON 漁 期 8月下旬 ~11月中旬 LATE AUGUST TO MID-JANUARY
	1971				63	249	640	792	3,964	8,238	3,670	18,328	12,125	6,321	4,392	1,225	793	31		60,831			
	1972				98	283		913	747	4,282	2,778	6,936	9,772	4,460	1,481	1,048	197			32,995			
	1973		39		122	391	3,448	2,698	5,740	5,529	6,605	9,705	4,048	5,922	5,129	1,047	160			50,544			
	1974				228	848	11,862	9,282	4,470	3,666	1,972	3,742	6,275	4,505	7,693	3,023	251			57,856			
	TOTAL		39		970	2,301	17,450	15,762	17,279	24,440	16,113	41,891	35,718	22,711	21,099	8,224	3,110	31		227,138			
	AVERAGE		7.8		194	460.2	3,490	3,152.4	3,455.8	4,888	3,222.6	8,378.2	7,143.6	4,542.2	4,219.8	1,644.8	622	6.2		45,427.6			
SHIBETSU LINE 31	1970																					FISHING SEASON 漁 期 10月下旬 ~12月上旬 LATE OCTOBER TO EARLY DECEMBER	
	1971																						
	1972									114	13	15	8	17						167			
	1973																						
	1974																						
	TOTAL									114	13	15	8	17						167			
	AVERAGE									114	13	15	8	17						167			
26 SHIBETSU	1970				459	530	1,500	2,077	2,358	2,725	1,088	3,180	3,498	1,503	2,404	1,881	1,709			24,912			FISHING SEASON 漁 期 Mid-OCTOBER TO MID-DECEMBER 8月下旬 ~12月中旬 LATE AUGUST TO MID-JANUARY
	1971				63	249	640	792	3,964	8,238	3,670	18,328	12,125	6,321	4,392	1,225	793	31		60,831			
	1972				98	283		913	747	4,396	2,791	6,951	9,780	4,477	1,481	1,048	197			33,162			
	1973		39		122	391	3,448	2,698	5,740	5,529	6,605	9,705	4,048	5,922	5,129	1,047	160			50,544			
	1974				228	848	11,862	9,282	4,470	3,666	1,972	3,742	6,275	4,505	7,693	3,023	251			57,856			
	TOTAL		39		970	2,301	17,450	15,762	17,279	24,554	16,126	41,906	35,726	22,728	21,099	8,224	3,110	31		227,305	11月中旬	10月中旬 ~12月中旬	
	AVERAGE		7.8		194	460.2	3,490	3,152.4	3,455.8	4,910.8	3,225.2	8,381.2	7,145.2	4,545.6	4,219.8	1,644.8	622	6.2		45,481	18%	79%	
28 TOHORO	1970				89	119	635	296	1,005	984	75	248	277							3,728			FISHING SEASON 漁 期 LATE SEPTEMBER TO LATE NOVEMBER 9月上旬 ~12月中旬 EARLY SEPTEMBER TO MID-DECEMBER
	1971				14	37	335	487	333	1,313	716	318	392	121						4,066			
	1972				15	229	146	163	125	359	487	343	650	252	42					2,811			
	1973					37	941	581	1,224	903	215	1,589	219	431	69					6,209			
	1974				110	64	269	529	360	248	39	395	404	126	18					12,562			
	TOTAL				228	486	2,326	2,056	3,047	3,807	1,532	2,893	1,942	930	129					19,376	10月下旬	9月中旬 ~11月中旬	
	AVERAGE				45.6	97.2	465.2	411.2	609.4	761.4	306.4	578.6	338.4	186	25.8					3,875.2	20%	91%	

NEMURO MARITIME REGION (CHUM SALMON)

根室海区 (サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
31 SHUNBETSU	1970		1	8	9	15	26	30	129	182							403			FISHING SEASON 漁期 9月15日 ~12月15日 EARLY SEPTEMBER TO EARLY DECEMBER
	1971			8	20	50	53	118	103	196							518			
	1972	6	14	11	30	112	58	88	30	146	95						590			
	1973	6	29	77	55	197	144	97	323	215							1,113	LATE NOVEMBER	MID- OCTOBER TO LATE NOVEMBER	
	1974		48	93	145	62	69	40	131	440	18						1,046			
	TOTAL	12	95	197	259	436	350	373	716	1,179	113						3,730	11月15日 ~11月15日		
	AVERAGE	2.4	19	39.4	51.8	87.2	70	74.6	143.2	235.8	22.6						746	32%		
32 TOKOTAN	1970			26	66	132	88	119	428	234	39						1,132			FISHING SEASON 漁期 9月15日 ~12月15日 EARLY SEPTEMBER TO MID- DECEMBER
	1971		3	12	19	18	62	60	304	182	26						686			
	1972	45	55	74	49	166	203	159	134	340	154						1,379			
	1973		7	73	114	512	248	306	711	391	402	36					2,860			
	1974		60	90	163	143	134	315	494	845	326	64					2,634			
	TOTAL	45	125	275	411	971	735	1,019	2,071	1,992	947	100					8,691	11月15日 ~12月15日		
	AVERAGE	9	25	55	82.2	194.2	147	203.8	414.2	398.4	189.4	20					1,738.2	24%	89%	
34 NISHIBETSU	1970	169	298	548	604	2,118	7,008	6,456	12,899	19,010	1,915	4,039	2,409	1,176	189		58,838			FISHING SEASON 漁期 9月15日 ~12月15日 EARLY SEPTEMBER TO MID- JANUARY
	1971	33	75	156	339	278	1,130	3,775	12,899	13,933	11,278	7,475	1,926	991	23		51,288			
	1972		209	289	106	710	434	620	5,488	8,063	6,733	2,814	1,759	833			28,141			
	1973		2	78	82	369	808	4,704	14,179	10,652	8,038	3,503	2,210	459			45,084	LATE NOVEMBER		
	1974		18	137	114	177	353	3,634	5,388	12,188	1,488	1,837	1,461	630			27,428			
	TOTAL	202	602	1,208	1,305	3,652	9,733	19,189	50,853	63,846	29,452	19,668	9,768	4,089	212		213,879	11月15日 ~12月15日		
	AVERAGE	40.4	120.4	241.6	261	730.4	1,946.6	3,837.8	10,170.6	12,769.2	5,890.4	3,933.6	1,953.6	817.8	42.4		42,775.8	30%		
36 YASHIBETSU	1970																			FISHING SEASON 漁期 9月15日 ~11月15日 LATE SEPTEMBER TO LATE NOVEMBER
	1971																			
	1972			8	60	20											88			
	1973					7	3	5	21	25							62			
	1974			10	9	2		15	26	57							111			
	TOTAL			18	69	29	3	20	47	83							269	11月15日 ~11月15日		
	AVERAGE			6	23	9.6	1	6.67	18.8	27.6							89.67	30%	51%	

NEMURO MARITIME REGION (CHUM SALMON)

根 室 海 区 (サ ケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
37 FUREN	1970	20	337	565	268	162	142	103	22								1,910			FISHING SEASON LATE SEPTEMBER TO LATE OCTOBER 9月10日 ~ 12月10日 EARLY SEPTEMBER TO EARLY DECEMBER
	1971		108	933	437	567	214	97	59								2,415			
	1972	10	177	529	184	257	59	28									1,244			
	1973	21	23	130	235	101	164	174	209	34	7						1,101			
	1974	8	98	93	147	348	623	188	123	77							1,705			
	TOTAL	62	743	2,571	1,271	1,435	1,202	590	413	111	7						8,405	9月7日 ~ 10月10日		
	AVERAGE	12.4	118.6	514.2	254.2	287	240.4	118	82.6	22.2	1.4						1,681	31%	77%	
39 BETTOGA	1970		10	295	608	484	269	200	14								1,889			FISHING SEASON EARLY TO LATE OCTOBER 10月10日 ~ 11月10日 TO EARLY DECEMBER
	1971		40	20	425	612	185	26	14								1,322			
	1972		13	303	450	418	103	167	127	367	87						2,035			
	1973	1	18	12	200	822	227	208	268	181	1						1,938	Mid-OCTOBER		
	1974		35	167	478	324	265	108	231	260	14						1,882			
	TOTAL	1	116	797	2,161	2,660	1,049	709	654	808	102						9,057	10月中旬 ~ 10月10日		
	AVERAGE	0.2	23.2	159.4	432.2	532	209.8	141.8	130.8	161.6	20.4						1,811.4	29%	65%	
43 HONJOE	1970			1	6	12	42	17	8								86			FISHING SEASON Mid-OCTOBER TO EARLY NOVEMBER 9月10日 ~ 12月中旬 LATE SEPTEMBER TO MID-DECEMBER
	1971				2	20	9	18		10							59			
	1972			1	12	28	22	14	25	13	12	3					130			
	1973				6	59	20	54	14	26							179			
	1974				10	42	29	20	2	48	6						157			
	TOTAL			2	36	161	122	123	49	97	18	3					611	10月中旬 ~ 11月上旬		
	AVERAGE			0.4	7.2	32.2	24.4	24.6	9.8	19.4	3.6	0.6					122.2	26%	66%	
45 SANBAN	1970																			FISHING SEASON Mid-TO LATE NOVEMBER 10月中旬 ~ 12月10日 Mid-OCTOBER TO EARLY DECEMBER
	1971																			
	1972																			
	1973								15	5							20			
	1974					2				1	1						4			
	TOTAL					2				15	6	1					21	11月中旬 ~ 11月10日		
	AVERAGE					1				7.5	3	0.5					12	62.5%	87%	

NEMURO MARITIME REGION (CHUM SALMON)

根 室 海 区 (サ ケ)

YEAR.	SEPTEMBER			OCTOBER			NOVEMBER.			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE				
1970																			FISHING SEASON 期 10月15日 ~12月15日 EARLY OCTOBER TO LATE DECEMBER
1971																			
1972																			
1973				6	1	3	10	7	7	31	30	57				152			
1974					19		2	17	18							56			
TOTAL				6	20	3	12	24	25	31	30	57				208	12月15日 ~12月15日	12月15日 ~12月15日	
AVERAGE				3	10	1.5	6	12	12.5	15.2	15	28.5				104	27%	57%	

ERIMO EAST MARITIME REGION (CHUM SALMON)

襟裳以東海区 (サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
15 HOROTO	1970																			FISHING SEASON EARLY SEPTEMBER 9月上旬 ~11月中旬 TO MID-NOVEMBER
	1971																			
	1972			21	64	67	62										214	LATE SEPTEMBER TO MID-OCTOBER		
	1973			7	16	19	3	1									46	EARLY OCTOBER		
	1974	1	11	184	167	86	12										461			
	TOTAL	1	11	212	247	172	77	1									721	10月上旬 ~10月中旬		
	AVERAGE	0.33	3.67	70.67	82.33	57.33	25.67	0.33									240.33	3.4%	8.7%	
17 BEKANBEUSHI	1970		1,310	2,100	1,775	1,118	335	137	123								6,898			FISHING SEASON EARLY SEPTEMBER 9月上旬 ~11月中旬 TO MID-NOVEMBER
	1971		1,459	2,446	3,969	1,885	1,263	691									11,713			
	1972	18	1,318	2,844	1,662	867	992	439	32								8,172	MIDDLE SEPTEMBER TO LATE OCTOBER		
	1973		290	2,086	1,243	760	238	40									4,657			
	1974	61	1,028	1,461	2,298	1,064	1,255	192	20								7,379	EARLY OCTOBER 10月上旬 ~10月下旬		
	TOTAL	79	5,405	10,937	10,947	5,694	4,083	1,499	175								38,819			
	AVERAGE	15.8	1,081	2,187.4	2,189.4	1,138.8	816.6	299.8	35								7,763.8	2.8%	9.5%	
39 CHOROBETSU	1970																			FISHING SEASON EARLY OCTOBER 10月上旬 ~10月下旬 TO MID-DECEMBER
	1971																			
	1972				12	74	13	5	3	7	7						121	EARLY TO LATE OCTOBER		
	1973				2	6	10	118	12	8	7	1					164			
	1974				20	14	14	12		1							61	EARLY OCTOBER		
	TOTAL				34	94	37	135	15	16	14	1					346	10月上旬 ~10月下旬		
	AVERAGE				11.33	31.33	12.33	45	5	5.33	4.67	0.33					115.33	2.7%	4.7%	
45 KUSHIRO	1970		1,148	4,222	4,272	9,495	11,031	5,042	3,552	3,297	918	49					43,026			FISHING SEASON EARLY SEPTEMBER 9月上旬 ~11月中旬 TO MID-NOVEMBER
	1971		2,734	15,630	32,673	26,651	25,171	7,225	6,143	3,788	1,141						121,156			
	1972	376	5,022	5,077	20,521	19,022	21,081	8,163	4,927	4,523	3,772	381					92,865	LATE SEPTEMBER TO EARLY NOVEMBER		
	1973	16	973	21,708	23,659	22,082	32,43	2,502	4,345	1,871	954						81,353			
	1974	161	2,087	16,334	27,166	16,139	21,747	7,087	4,665	2,577	686						98,649	EARLY OCTOBER		
	TOTAL	553	11,964	62,971	108,291	93,389	82,273	30,019	23,632	16,056	7,471	430					437,049	10月上旬 ~11月中旬		
	AVERAGE	110.6	2,392.8	12,594.2	21,658.2	18,677.8	16,454.6	6,003.8	4,726.4	3,211.2	1,494.2	86					87,108.8	2.5%	8.6%	

ERIMO EAST MARITIME REGION (CHUM SALMON)

襟 裳 以 東 海 区 (サ ケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
46 AKAN	1970		13	84	76	13	20										206			
	1971		69	130	34	15											248			
	1972	37	23	8	6												74	EARLY OCTOBER		FISHING SEASON 期
	1973		19	93	66	18											196			9月上旬 ~10月下旬
	1974	9	30	48	124	61	57										329			EARLY SEPTEMBER TO LATE OCTOBER
	TOTAL	46	154	363	306	107	77										993	10月上旬	9月中旬 ~10月上旬	
	AVERAGE	9.2	30.8	52.6	61.2	21.4	15.4										198.6	31%	72%	
47 SHORO	1970			46	83	23	33	5									190			FISHING SEASON
	1971			135	23	7	10										175			
	1972		11	7	17			30									65			期
	1973			24	37	2		5	9	5							82	EARLY OCTOBER	LATE SEPTEMBER TO MID-OCTOBER	9月中旬 ~12月上旬
	1974		24	25	146	50	8	23	11	28	16						331			MID-SEPTEMBER TO EARLY DECEMBER
	TOTAL		35	237	306	82	51	63	20	33	16						843	10月上旬	9月下旬 ~10月中旬	
	AVERAGE		7	47.4	61.2	16.4	10.2	12.6	4	6.6	3.2						168.5	36%	74%	
50 CHARO	1970		13	355	104	64	82	191	166	207	50						1,262			FISHING SEASON
	1971		73	1,124	114	43	21	16	40								1,431			
	1972		21	66	59	34	54	28	15								277			期
	1973		10	179	287	24		57	28								585			9月中旬 ~12月上旬
	1974		24	270	1,115	306	440	10									2,165	LATE SEPTEMBER TO LATE OCTOBER		MID-SEPTEMBER TO EARLY DECEMBER
	TOTAL		171	1,994	1,679	471	597	302	249	207	50						5,720	9月下旬 ~10月下旬		
	AVERAGE		34.2	348.8	335.8	94.2	119.4	60.4	49.8	41.4	10						1,144	30%	78%	
ONBETSU	1970			9	73	43	142	154									421			FISHING SEASON
	1971		51	927	114	64	78										1,234			
	1972			7	1	30											38			期
	1973			141	181	28	21	30	9	29							439	LATE SEPTEMBER TO LATE OCTOBER		9月上旬 ~12月上旬
	1974	1	14	21	719	221	15	16	3	26	14						1,050	SEPTEMBER		EARLY SEPTEMBER TO EARLY DECEMBER
	TOTAL	1	65	1,105	1,088	386	256	200	12	55	14						3,182	9月下旬 ~10月下旬		
	AVERAGE	0.2	13	221	217.6	77.2	51.2	40	2.4	11	2.8						636.4	35%	89%	

ERIMO EAST MARITIME REGION (CHUM SALMON)

襟裳以東海区 (サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			FEBRUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	E	M	L	E	M	L		PERIOD	RUN PER 100	
ATSUNAI	1970																						FISHING SEASON EARLY OCTOBER EARLY TO MIDDLE OCTOBER 10月上旬 11月上旬 TO EARLY NOVEMBER
	1971																						
	1972																						
	1973						2	1												3	MIDDLE OCTOBER		
	1974				7	15	1	1												24			
	TOTAL				7	15	3	2												27	10月中旬	10月上旬 ~10月中旬	
TOKACHI (CHIYODA)	AVERAGE				3.5	7.5	1.5	1												13.5	5.6%	8.0%	FISHING SEASON LATE SEPTEMBER TO EARLY NOVEMBER 9月上旬 ~11月上旬 EARLY SEPTEMBER TO MIDDLE FEBRUARY
	1970	641	854	3438	11095	12027	6607	2301	1613	1224	680	499	58							41037			
	1971	704	1671	12600	17930	43299	35417	11530	8888	4391	1800	1056	95							139381			
	1972	744	661	9122	16105	17495	12208	3766	1654	347	154	53	3							62312			
	1973	406	3060	10815	9030	8949	5499	2224	935	973	3072	6303	5648	1932	1171	240	101			60358	MIDDLE OCTOBER		
	1974	1265	4476	9314	10645	14082	7946	3498	1748	7118	3170	7118	6341	1183	305	36				78945			
TOKACHI (SATSUNAI)	TOTAL	3760	10722	45289	64805	95852	67677	23319	14838	14053	8876	15029	12141	3815	1476	276	101			382033	10月中旬	9月下旬 ~11月上旬	FISHING SEASON LATE SEPTEMBER TO EARLY NOVEMBER 9月上旬 ~10月下旬 EARLY SEPTEMBER TO LATE OCTOBER
	AVERAGE	752	2144.4	9057.8	12961	19170.4	13535.4	4663.8	2967.6	2810.6	1775.2	3005.8	2428.2	763	295.2	55.2	20.2			76406.6	2.5%	7.7%	
	1970	115	8926	69766	35084	14037	727													128655			
	1971	772	10486	86840	30014	40021	11978													180111			
	1972	251	4401	25301	12653	4489														47095			
	1973	79	5335	36553	22697	2120														66784			
TOKACHI (TOSHIBETSU)	1974	66	9017	30917	13523	1660														55183			FISHING SEASON LATE SEPTEMBER TO LATE OCTOBER 9月中旬 ~11月上旬 MIDDLE SEPTEMBER TO EARLY NOVEMBER
	TOTAL	1283	38165	249377	113971	62327	12705													477828	9月下旬	9月下旬 ~10月上旬	
	AVERAGE	256.6	7633	49875.4	22974.2	12465.4	2541													95565.6	5.2%	7.6%	
	1970		2	7	15	34	58	17												133			
	1971		49	136	212	297	338	33												1065			
	1972			201	177	212	114													704			
TOKACHI (TOSHIBETSU)	1973			75	149	214	59													497			FISHING SEASON LATE SEPTEMBER TO LATE OCTOBER 9月中旬 ~11月上旬 MIDDLE SEPTEMBER TO EARLY NOVEMBER
	1974			22	227	204	549													1002			
	TOTAL		51	441	780	961	1118	50												3401	10月下旬	9月下旬 ~10月下旬	
	AVERAGE		10.2	88.2	156	192.2	223.6	10												6802	32.8%	9.7%	
	1970																						
	1971																						

ERIMO EAST MARITIME REGION (CHUM SALMON)

襟裳以東海区 (サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY FEBRUARY						TOTAL	PEAK RUN PERIOD	RATIO RUN PERIOD	NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	E	M	L	E	M	L				
TOKACHI (MAKABETSU)	1970	35	210	2894	3881	4272	6511	2571	1436	797	85	34								22,726			FISHING SEASON
	1971	124	74	1,789	4,854	7,920	17,414	5,076	2,578	994	112									40,935			
	1972	90	171	709	3,227	5,103	3,285	1,045	334	157	86	36								14,243	EARLY OCTOBER TO EARLY NOVEMBER	魚期 9月上旬 10月中旬	
	1973			918	1,081	2,200	1,571	451	384	62	65	178	645	420	83					8,058	LATE OCTOBER		EARLY SEPTEMBER TO MID-JANUARY
	1974		11	1,170	2,696	4,913	5,662	3,420	767	249	62	146	210	24						19,330			
	TOTAL	249	466	7,480	15,739	24,408	34,443	12,563	5,499	2,259	410	394	855	444	83					105,292	10月下旬 ~11月上旬		
	AVERAGE	49.8	93.2	1,496	3,147.8	4,881.6	6,888.6	2,512.6	1,099.8	451.8	82	78.8	171	88.8	16.6					21,058.4	32.7%	82.7%	
TOKACHI (EAST 33)	1970	21	363	6,740	6,783	12,99	37													15,243			FISHING SEASON
	1971	3	560	4,477	7,273	4,985	2,105													19,403			
	1972	55	70	2,419	3,106	536														6,186	LATE SEPTEMBER TO EARLY OCTOBER	魚期 9月上旬 10月上旬	
	1973	1	1,026	3,137	1,585	271														6,020	EARLY OCTOBER		EARLY SEPTEMBER TO EARLY OCTOBER
	1974	23	688	3,738	2,979	1,415	122													8,965			
	TOTAL	103	2,707	20,511	21,726	8,506	2,264													55,817	10月上旬 ~10月上旬		
	AVERAGE	20.6	541.4	4,102.2	4,345.2	1,701.2	452.8													11,163.4			
61 TOKACHI TOTAL	1970	812	10,355	82,845	56,858	31,669	13,940	4,889	3,049	2,021	765	533	58							207,794			FISHING SEASON
	1971	1,503	12,840	105,842	60,283	96,522	67,252	16,639	11,466	5,385	1,912	1,056	95							380,895			
	1972	1,140	5,303	37,752	35,268	27,836	15,607	4,811	1,988	504	240	89	3							130,540	MIDDLE SEPTEMBER TO LATE OCTOBER	魚期 9月上旬 ~10月中旬	
	1973	486	9,421	51,498	34,542	13,754	7,129	2,575	1,319	1,035	3,137	6,481	6,293	2,352	1,254	240	101			141,717	LATE SEPTEMBER		EARLY SEPTEMBER TO MID-FEBRUARY
	1974	1,354	14,192	45,161	30,070	22,274	14,279	6,918	2,515	7,367	3,232	7,264	6,551	1,907	3,05	36				163,425			
	TOTAL	5,395	52,111	323,098	217,021	192,054	118,207	35,932	20,337	16,312	9,286	15,423	13,000	4,259	15,59	276	101			1,024,371	9月下旬 ~10月下旬		
	AVERAGE	1,079	10,422.2	64,619.6	43,404.2	38,410.8	23,641.4	7,186.4	4,067.4	3,262.4	1,867.2	3,084.6	2,600	851.8	311.8	55.2	20.2			204,874.2	3.2%	8.8%	

ERIMO EAST MARITIME REGION (CHUM SALMON)

襟裳以東海区 (サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
REKSFUNE	1970			83	98	67	172	139	74	51	205	128	10				1,028			FISHING SEASON
	1971			122	350	594	537	113	17	37	80	34					1,884			
	1972			163	216	247	127	146	42	68	115	23					1,147			
	1973			170	558	985	433	261	147	161	96	55					2,866	MID-OCTOBER	EARLY OCTOBER TO LATE OCTOBER	漁期 9月下旬 ~12月下旬
	1974			532	459	263	119	43	28	178	247	63					1,932			LATE SEPTEMBER TO LATE DECEMBER
	TOTAL			1,070	1,581	2,156	1,388	702	308	495	744	303	10				8,857	10月中旬	10月上旬 ~10月下旬	
	AVERAGE			214	336.2	431.2	277.6	140.4	61.6	99	148.8	60.6	2				1,771.4	24%	59%	
TOYOH	1970			1	13	6	13	10	8	1							52			FISHING SEASON
	1971				2	25	19	28					9				83			
	1972						5	6									11			
	1973				26	52	24	7	9	8							126	MID-OCTOBER	EARLY TO LATE OCTOBER	漁期 9月下旬 ~12月下旬
	1974			25	30	12	10	1									78			LATE SEPTEMBER TO LATE DECEMBER
	TOTAL			26	71	95	71	52	17	9			9				350	10月中旬	10月上旬 ~10月下旬	
	AVERAGE			5.2	14.2	19	14.2	10.4	3.4	1.8			1.8				70	27%	67%	
HIRAO	1970			31	109	67	291	70	104	154	113	254	62				1,255			FISHING SEASON
	1971		9	159	577	1,119	1,131	111	223	315	222	109	10				3,985			
	1972			72	560	369	182	54	35	5	1						1,278			
	1973		1	239	1,299	1,005	93	64	65	67	60	53	22				2,968	EARLY OCTOBER	EARLY TO LATE OCTOBER	漁期 9月上旬 ~12月下旬
	1974	1	2	105	230	132	30	6	13	96	86	57	16				774			EARLY SEPTEMBER TO LATE DECEMBER
	TOTAL	1	12	606	2,775	2,692	1,727	305	440	637	482	473	110				10,260	10月上旬	10月上旬 ~10月下旬	
	AVERAGE	0.2	2.4	121.2	551	538.4	345.4	61	88	127.4	96.4	94.6	22				2,052	27%	70%	
SARURU	1970						2			1	2	9	13				27			FISHING SEASON
	1971					1	3	2	9	11	5	17	13				61			
	1972				3	13	19		11	6	3	35	16				106			
	1973				23	18	43	11	4	9	7	14	5				134			
	1974		2		2	94	31	14	7	20	50	23	17				250	MID-OCTOBER	MID-OCTOBER TO MID-DECEMBER	漁期 9月中旬 ~12月下旬
	TOTAL		2		28	126	98	27	31	47	67	98	64				588	10月中旬	10月中旬 12月中旬	MIDDLE SEPTEMBER TO LATE DECEMBER
	AVERAGE		0.4		5.6	25.2	19.6	5.4	6.2	9.4	13.4	19.6	12.8				117.6	21%	82%	

ERMO WEST MARITIME REGION (CHUM SALMON)

襟裳以西海区 (サケ)

RIVER	YEAR	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIOS†		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
1 UTABETSU	1970																			FISHING SEASON
	1971																			
	1972																			
	1973				1			3	1	23	23	36	3				90			EARLY TO LATE OCTOBER 9月中旬 12月中旬 MID-SEPTEMBER TO LATE DECEMBER
	1974		1	17	21	57	14	7	3								120	MID-OCTOBER		
	TOTAL		1	17	22	57	14	10	4	23	23	36	3				210	10月中旬 ~10月下旬		
	AVERAGE		0.5	8.5	11	28.5	7	5	2	11.5	11.5	18	1.5				105	27%	44%	
4 NIKANBETSU	1970				3	7	10	8	14	14	14	23	5				98			FISHING SEASON
	1971							3	27	27	14	60	30				161			
	1972				10	1	35	23	28	34	50	42	19				242	MID-DECEMBER		
	1973			4	1	3		2	4	11	18	7					50			MID-NOVEMBER TO MID-DECEMBER 9月下旬 12月下旬 LATE SEPTEMBER TO LATE DECEMBER
	1974			10	12	10	2			7	7	9					57			
	TOTAL			14	26	21	47	36	73	93	103	141	54				608	12月中旬 ~12月中旬		
	AVERAGE			2.8	5.2	4.2	9.4	7.2	14.6	18.6	20.6	28.2	10.8				121.6	23%	66%	
5 HOROMAN	1970																10			FISHING SEASON
	1971																			
	1972			WASHED OUT		1	WASHED OUT		9	WASHED OUT										
	1973																			MID-NOVEMBER TO MID-NOVEMBER 9月下旬 11月下旬 LATE SEPTEMBER TO LATE NOVEMBER
	1974																			
	TOTAL					1			9								10	11月中旬	11月中旬	
	AVERAGE					1			9								10	90%	90%	
12 HIDAKA HOROBETSU	1970				2	41	51	50	63	91	62	124	13				497			FISHING SEASON
	1971			88	14	4	7	40	71	17	1	34	1				277			
	1972	3	4	9	11	49	25	86	81	89	124	101	19				601			
	1973	1	3	12	20	35	75	152	132	150	105	120	33				838			LATE OCTOBER TO MID-DECEMBER 9月中旬 12月下旬 MID-SEPTEMBER TO LATE DECEMBER
	1974	13	8	21	56	91	138	130	174	106	63	147	20				967	MID-DECEMBER		
	TOTAL	17	15	130	103	220	296	458	521	453	355	526	86				3,180	12月中旬 ~12月中旬		
	AVERAGE	3.4	3	26	20.6	44	59.2	91.6	104.2	90.6	71	105.2	17.2				636	17%	82%	

ERIMO WEST MARITIME REGION (CHUM SALMON)

襟裳以西海区 (サケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
16 MOTOURA	1970							1	4	29	3	22	28	74	37					198			FISHING SEASON 漁期 9月上旬 ~12月上旬 EARLY TO EARLY DECEMBER
	1971					16	13	16	1	1	1	12	24	9	14					107			
	1972				3	5		5	10	3	8	9	26	44	10					123			
	1973							3	12	6	19	3	9	23	19	4				98			
	1974							26	77	48	40	8	29	14	17					259			
	TOTAL				3	21	13	51	104	87	71	54	116	164	97	4				785	12月上旬	10月中旬 ~12月中旬	
	AVERAGE				0.5	4.2	2.6	10.2	20.8	17.4	14.2	10.8	23.2	32.8	19.4	0.8				157	2.0%	8.6%	
18 MATSUISHI	1970						1	4	20	36	23	22	18	22	28	7				181			FISHING SEASON 漁期 9月下旬 ~12月下旬 LATE TO LATE DECEMBER
	1971						22	1	8	11	5	19	15	8	5	13				107			
	1972						6	3	7	5	6	12	7	20	20					86			
	1973						4	7	13	18	11	4	5	19	33					114			
	1974						17	11	17	18	11	11	10	10	12					117			
	TOTAL						50	26	65	88	56	68	55	79	98	20				605	12月中旬	10月中旬 ~12月中旬	
	AVERAGE						10	5.2	13	17.6	11.2	13.6	11	15.8	19.6	4				121	1.6%	8.2%	
23 SHIZUNAI	1970		19	167	231	89	15	126	195	298	219	145	315	289	306	82				2496			FISHING SEASON 漁期 8月上旬 ~12月下旬 EARLY TO LATE AUGUST TO LATE DECEMBER
	1971			123	152	297	452	201	127	269	186	523	360	189	374	80				3333			
	1972	13	54	313	190	235	286	485	943	775	676	701	585	320	108	5				5689			
	1973	2	14		8	20	319	162	229	713	366	609	308	256	184	45				3235			
	1974			21	160	335	364	533	919	716	642	504	240	138	65	3				4640			
	TOTAL	15	87	624	741	976	1436	1507	2413	2771	2089	2482	1808	1192	1037	215				19393	10月下旬	10月上旬 ~11月下旬	
	AVERAGE	3	17.4	124.8	148.2	195.2	287.2	301.4	482.6	554.2	417.8	496.4	361.6	238.4	207.4	43				3878.6	1.4%	6.7%	
24 NIKAPPU	1970				14	13	13	23	14	33	20	5	27	13						175			FISHING SEASON 漁期 8月上旬 ~12月上旬 EARLY TO EARLY DECEMBER
	1971						13		17	25	14	62	15							146			
	1972					2	6	10	8	12	22	39	25	8						132			
	1973							18			2	13	9							42			
	1974							28	63	12	13	16	14	12						158			
	TOTAL				14	15	32	79	102	82	71	135	90	33						653	11月中	10月上旬 ~11月下旬	
	AVERAGE				2.8	3	6.4	15.8	20.4	16.4	14.2	27	18	6.6						130.6	2.1%	8.5%	

ERIMO WEST MARITIME REGION (CHUM SALMON)

襟 裳 以 西 海 区 (サ ケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
32 (TOMO)	1970																						FISHING SEASON
	1971					134	174	186	186	104	60	155	2							1,001	EARLY OCTOBER		漁 期
	1972		12	92	51	56	212	220	81	92	87	58								961			8月中旬 ~11月下旬
	1973							52	22	10	3									87			MID-SEPTEMBER TO LATE OCTOBER
	1974																						MID-AUGUST TO LATE NOVEMBER
	TOTAL		12	92	51	190	386	458	289	206	150	213	2							2,049	10月上旬 ~10月下旬		
33 MU	AVERAGE		4	30.67	17	63.3	128.6	152.6	96.3	68.6	50	71	0.6							683	2.2%	7.4%	
	1970				52	98	73	84	67	64	4	1								443			FISHING SEASON
	1971					312	466	87	230	97	12	3								1,207			
	1972			15	37	18	156	169	230	89	74	13								801			漁 期
	1973							132	58	22	29	23								264	LATE SEPTEMBER TO LATE OCTOBER		8月下旬 ~11月中旬
	1974						101	149	13											263			LATE AUGUST TO MID-NOVEMBER
36 YUFUTSU	TOTAL			15	89	428	796	621	598	272	119	40								2,978	9月下旬 ~10月下旬		
	AVERAGE			3	17.8	85.6	159.2	124.2	119.6	54.4	23.8	8								595.6	2.7%	9.1%	
	1970					9	130	282	185	135										741			FISHING SEASON
	1971				3	83	453	172	46	10	2									769			
	1972				7	25	218	253	23	22	11									559			漁 期
	1973																						9月上旬 ~11月上旬
44 SAKRAOI	1974																						EARLY SEPTEMBER TO EARLY NOVEMBER
	TOTAL				10	117	801	707	254	167	13									2,069	9月上旬 ~10月下旬		
	AVERAGE				3.3	39	267	235.6	84.6	55.6	4.3									689.6	3.9%	9.3%	
	1970							6	12	5	37	15	9							84			FISHING SEASON
	1971					8	71	41	58	30	58	98	14	6						384			
	1972					14	18		34	39	32	32	40	51	13					273			漁 期
44 SAKRAOI	1973					9	71	132	189	113	164	488	260	55						1,481	LATE NOVEMBER TO LATE OCTOBER		9月中旬 ~12月中旬
	1974					177	185	260	478	114	176	403	245	16						2,054			MID-SEPTEMBER TO MID-DECEMBER
	TOTAL					208	345	439	771	301	467	1,036	568	128	13					4,276	11月下旬 ~11月下旬		
	AVERAGE					41.6	69	87.8	154.2	60.2	93.4	207.2	113.6	25.6	2.6					855.2	2.4%	7.3%	

ERIMO WEST MARITIME REGION (CHUM SALMON)

襟裳以西海区 (サケ)

	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
45 SHIKIFU	1970							8	31	46	105	109	127	69	66	9				570			FISHING SEASON
	1971					54	57	160	126	114	159	177	52	11						910			
	1972								10	147	196	99	165	42						659			漁期
	1973							45	115	98	150	492	206	106	48					1,260	MID-NOVEMBER	MID-OCTOBER TO LATE	9月中旬~12月上旬
	1974					23	57	204	306	248	553	1,236	356	40	5					3,028			MID-NOVEMBER TO LATE
	TOTAL					77	114	417	588	653	1,163	2,113	906	268	119	9				6,427	11月中旬	10月中旬~11月下旬	TO LATE DECEMBER
NUKIBETSU	AVERAGE					15.4	22.8	83.4	117.6	130.6	232.6	422.6	181.2	53.6	23.8	1.8				1285.4	33%	84%	
	1970					2	3	7	12	3										27			FISHING SEASON
	1971						3	22	7	3	16	20								71			
	1972							7	7	23	12	11								60			漁期
	1973						20	15	5	13	47	194	108							402			EARLY TO LATE
	1974						7	7	19	19	63	72	125	3						315	MID-NOVEMBER	NOVEMBER	MID-SEPTEMBER TO EARLY DECEMBER
OSHAMARU	TOTAL					2	33	58	50	61	138	297	233	3						875	11月中旬	11月上旬~11月下旬	
	AVERAGE					0.4	6.6	11.6	10	12.2	27.6	59.4	46.5	0.6						175	34%	75%	
	1970					17	19	14	8	2										60			FISHING SEASON
	1971					55	25	18	9	3										110			
	1972					6	11	18	11	13	19	27	26							131			漁期
	1973					6	6	13	16	20	17	41	30	15						164			MID-SEPTEMBER TO MID-OCTOBER
	1974					23	41	23	29	27	25	8								176	MID-SEPTEMBER	SEPTEMBER TO MID-OCTOBER	9月中旬~10月中旬
YURAPPU	TOTAL					107	102	86	73	65	61	76	56	15						641	9月中旬	9月中旬~10月中旬	TO EARLY DECEMBER
	AVERAGE					21.4	20.4	17.2	14.6	13	12.2	15.2	11.2	3						128.2	16%	56%	
	1970				12	11	93	379	240	237	318	257	406	99	123	74				2,249			FISHING SEASON
	1971					2	55	96	261	200	115	353	317	122	238	91	6			1,856	LATE NOVEMBER		
	1972				12	10	34	41	251	552	454	697	688	793	301	106				3,939			漁期
	1973					32	588	1,003	777	600	596	503	893	594	304	133				6,023			EARLY OCTOBER TO EARLY DECEMBER
	1974					80	310	271	197	125	380	469	348	163	143	11				2,497			9月中旬~11月上旬
	TOTAL				24	135	1,080	1,790	1,726	1,714	1,863	2,279	2,652	1,771	1,109	415	6			16,564	11月中旬	10月中旬~12月上旬	SEPTEMBER TO EARLY JANUARY
	AVERAGE				4.8	27	216	358	345.2	342.8	372.6	455.8	530.4	354.2	221.8	83	1.2			3,312.8	16%	83%	

ERIMO WEST MARITIME REGION (CHUM SALMON)

襟裳以西海区 (サケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
TOKORO	1970																						FISHING SEASON 漁期 10月下旬 ~12月中旬 OCTOBER TO MID-DECEMBER
	1971																						
	1972																						
	1973																			122	MID-NOVEMBER	MID TO LATE NOVEMBER	
	1974									1	3	57	54	5	2					122	11月中旬 ~11月下旬	11月中旬 ~11月下旬	
	TOTAL									1	3	57	54	5	2					122			
	AVERAGE									1	3	57	54	5	2					122	47%	91%	
SHIRIKISHINAI	1970																						FISHING SEASON 漁期 10月中旬 ~11月下旬 OCTOBER TO LATE NOVEMBER
	1971																						
	1972							23	75	55	16									169		LATE OCTOBER TO MID-NOVEMBER	
	1973							1	26	58	87	48								220	EARLY NOVEMBER		
	1974							15	47	120	122									304			
	TOTAL							39	148	233	225	48								693	11月上旬 ~11月中旬	10月下旬 ~11月中旬	
	AVERAGE							13	49.3	77.6	75	16								231	33%	87%	
SHIODONARI	1970					1	10	16	34	19	185	104	59	20	13					461			FISHING SEASON 漁期 9月上旬 ~12月中旬 EARLY SEPTEMBER TO MIDDLE DECEMBER
	1971						4	8	38	99	105	258	196	24	7					739			
	1972							8	33	903	472	342	96	80						1,934		LATE OCTOBER TO MID-NOVEMBER	
	1973						1	7	331	1,829	2,926	2,560	539	187	125					8,505	MIDDLE NOVEMBER		
	1974				2		22	394	228	325	1,586	3,123	622	28						6,330			
	TOTAL				2	1	37	433	664	3,175	5,274	6,387	1,512	339	145					17,969	11月中旬 ~11月下旬	10月下旬 ~11月中旬	
	AVERAGE				0.4	0.2	7.4	86.6	132.8	635	1,054.8	1,277.4	302.4	67.8	29					3,593.8	36%	83%	
ONO	1970						2													2			FISHING SEASON 漁期 9月下旬 ~10月中旬 LATE SEPTEMBER TO MIDDLE OCTOBER
	1971							1	1											2			
	1972																						
	1973																						
	1974																						
	TOTAL						2	1	1											4	9月下旬	9月下旬	
	AVERAGE						1	0.5	0.5											2	50%	50%	

ERIMO WEST MARITIME REGION (CHUM SALMON)

襟裳以西海区 (サケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTE
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
HEKIRICHI	1970								5	8	38	79	36	13						179			FISHING SEASON 漁期 10月上旬 ~12月中旬 EARLY OCTOBER TO MID DECEMBER
	1971									5	8	80	59	43	19					214			
	1972									20	40	64	45	18	3					190	MIDDLE NOVEMBER		
	1973																						
	1974							4	20	30	241	765	367	138	217					1,782	EARLY TO LATE NOVEMBER		
	TOTAL AVERAGE							4	25	63	327	988	507	212	239					2,365	11月中旬 ~11月下旬	11月上旬 ~11月下旬	
MOREJI	1970							3	271	1,374	3,795	2,808	1,922	1,466	752	275				12,576			FISHING SEASON 漁期 10月上旬 ~12月下旬 EARLY OCTOBER TO LATE DECEMBER
	1971								160	1,550	2,966	6,292	5,250	2,484	786	148				19,636			
	1972							32	458	2,583	5,022	4,568	3,678	2,322	532	131				19,326	LATE OCTOBER TO LATE NOVEMBER		
	1973							9	363	3,318	6,187	14,903	5,131	1,700	882	294				32,787	MID-NOVEMBER		
	1974							27	851	2,694	10,333	14,711	5,508	1,659	1,326	256				37,365			
	TOTAL AVERAGE							71	2,103	11,519	28,213	43,282	21,489	9,631	4,278	1,104				121,690	11月中旬 ~11月下旬	10月下旬 ~11月下旬	
DAYOBEYSU	1970																						FISHING SEASON 漁期 10月上旬 ~12月上旬 LATE OCTOBER TO EARLY DECEMBER
	1971																						
	1972																						
	1973																						
	1974									1	14	18	7	2						42	MIDDLE NOVEMBER		
	TOTAL AVERAGE									1	14	18	7	2						42	11月中旬 ~11月下旬	11月上旬 ~11月中旬	
KANE	1970								14	104	241	90	27							476			FISHING SEASON 漁期 10月上旬 ~12月上旬 LATE OCTOBER TO EARLY DECEMBER
	1971								2	131	298	541	121							1,093			
	1972							2	88	200	344	94	12							740	LATE OCTOBER		
	1973							33	101	131	104	78	7	4						458	EARLY TO MID-NOVEMBER		
	1974							3	132	386	124	105	81	47						878			
	TOTAL AVERAGE							38	337	952	1,111	908	248	51						3,645	11月上旬 ~11月中旬	10月下旬 ~11月中旬	

ERIMO WEST MARITIME REGION (CHUM SALMON)

襟裳以西海区 (サケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
SHIRACHO	1970								3	24	148	227	159	28						589			FISHING SEASON EARLY TO LATE NOVEMBER 10月中旬 12月中旬 MIDDLE OCTOBER TO MIDDLE DECEMBER
	1971									20	19	243	323	118	7					730			
	1972									23	57	186	134	41	3					444			
	1973								4	72	39	427	214	62						818			
	1974								29	75	284	596	163	25	28					1,200			
	TOTAL								36	214	547	1,679	993	274	38					3,781	11月中旬 ~11月下旬	11月上旬 ~11月下旬	
	AVERAGE								7.2	428	109.4	335.8	198.6	54.8	7.6					756.2	4.4%	8.5%	
FUKUSHIMA	1970																						FISHING SEASON MIDDLE TO LATE NOVEMBER 11月中旬 ~12月中旬 MIDDLE NOVEMBER TO MIDDLE DECEMBER
	1971																						
	1972																						
	1973																						
	1974											16	12	1	6					35			
	TOTAL											16	12	1	6					35	11月中旬 ~11月下旬	11月中旬 ~11月下旬	
	AVERAGE											16	12	1	6					35	4.6%	8.0%	

JAPAN SEA MARITIME REGION (CHUM SALMON)

日本海区 (サケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN-RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
MASUORO	1970						1	2		2										5			FISHING SEASON
	1971																						
	1972						2		37	71										110			MID TO LATE OCTOBER
	1973																						9月1旬 ~10月下旬
	1974																						LATE OCTOBER
	TOTAL						3	2	37	73										115	10月下旬	10月中旬 ~10月下旬	SEPTEMBER TO LATE OCTOBER
	AVERAGE						1.5	1	18.5	36.5										57.5	63%	95%	
TESHIO	1970				91	227	399	109	86	2										914			FISHING SEASON
	1971					1	65	90	527	719	719	403	94	6	4					2628			
	1972				71	246	1,167	1,294	1,560	163										4,501			MID-SEPTEMBER TO MID-OCTOBER
	1973				16	309	190	361	311	102										1,289			9月上旬 ~12月中旬
	1974					762	181	268	302	22										1,535			EARLY SEPTEMBER
	TOTAL				178	1,545	2,002	2,122	2,786	1,008	719	403	94	6	4					10,867	10月中旬 ~10月中旬	9月中旬 ~10月中旬	TO MID-DECEMBER
	AVERAGE				35.6	309	400.4	424.4	557.2	201.6	143.8	80.6	19.2	1.2	0.8					2,173.4	26%	78%	
TESHIO (MIDDLE)	1970				36	47	135	54	48	38										358			EARLY SEPTEMBER
	1971				96	235	33	14	153	73										604			SEPTEMBER TO MID-OCTOBER
	1972										(33)	(21)	(14)	(12)						80			10月1旬 ~11月1旬
	1973							6	9	2	1									18			LATE SEPTEMBER
	1974				8	143	373	179	105	66	69	90	28							1,061			
	TOTAL				140	425	541	253	315	179	103	111	42	12						2,041	9月下旬	9月上旬 ~10月中旬	天候等により 変動あり
	AVERAGE				28	85	108.2	50.6	63	35.8	20.6	22.2	8.4	2.4						408.2	26%	75%	
TESHIO (LOWER MIDDLE)	1970							57	25	28	20	8	7	3						148			FISHING SEASON
	1971							20	37	167	435	213	70	4						946			魚期
	1972						106	252	545	675	538	448	615	62	18					3,259			9月中旬 ~12月中旬
	1973				3	59	155	135	59	62	60	7	3	3						546			MIDDLE SEPTEMBER
	1974																						EARLY NOVEMBER
	TOTAL				3	165	484	742	929	1,055	729	699	72	21						4,899	11月1旬	10月1旬 ~11月1旬	TO MID-DECEMBER
	AVERAGE				0.75	41.25	121	185.5	232.2	263.7	182.25	174.7	18	5.25						12,247.5	21%	70%	

JAPAN SEA MARITIME REGION (CHUM SALMON)

日本海 区 (サ ケ)

RIVER	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
13 TESHIO (TOTAL)	1970				127	274	534	220	159	68	20	8	7	3						1,420			FISHING SEASON EARLY SEPTEMBER
	1971				95	236	98	124	717	959	1,154	616	154	10	4					4,178			漁期
	1972				71	246	1,273	1,546	2,105	838	571	469	629	74	18					7,760	LATE SEPTEMBER TO LATE OCTOBER		9月上旬 ~12月中旬
	1973				16	312	249	522	455	163	63	60	7	3	3					1,853			9月上旬 ~12月中旬
	1974				8	905	554	447	407	88	69	90	28							2,596	MIDDLE OCTOBER		9月下旬 ~10月下旬
	TOTAL				318	1,973	2,708	2,859	3,843	2,116	1,877	1,243	835	90	25					17,887	10月中旬	9月下旬 ~10月下旬	
19 ENBETSU	AVERAGE				63.6	394.6	541.6	571.8	768.6	423.2	375.4	248.6	167	18	5					3,577.4	21%	64%	
	1970			1	1															2			FISHING SEASON LATE AUGUST
	1971																						漁期
	1972																						EARLY TO LATE SEPTEMBER
	1973																						8月下旬 ~10月上旬
	1974						1	1												2	EARLY SEPTEMBER		9月上旬 ~9月下旬
43 OBIIRASHIBE	TOTAL			1	1		1	1												4	9月上旬	9月上旬 ~9月下旬	TO EARLY OCTOBER
	AVERAGE			0.5	0.5		0.5	0.5												2	25%	50%	
	1970																						FISHING SEASON LATE SEPTEMBER
	1971																						漁期
	1972							1	3	4		1	2							11	EARLY TO LATE OCTOBER		9月下旬 ~11月下旬
	1973						2	3	3	3										11	LATE OCTOBER		TO LATE NOVEMBER
SHOKANBETSU	1974																						
	TOTAL						2	4	6	7		1	2							22	10月下旬	10月上旬 ~10月下旬	
	AVERAGE						1	2	3	3.5		0.5	1							11	31.8%	77%	
	1970																						FISHING SEASON MIDDLE SEPTEMBER
	1971																						漁期
	1972				2	35	393	485	721	158										1,794	MIDDLE TO LATE OCTOBER		9月中旬 ~11月下旬
SHOKANBETSU	1973				1	3	52	176	69	38		6								345			9月中旬 ~11月下旬
	1974						1	9	20	4		1	2							37	LATE OCTOBER		TO LATE NOVEMBER
	TOTAL				3	38	446	670	810	200		7	2							2,176	10月下旬	10月中旬 ~10月下旬	
	AVERAGE				1	12.6	148.6	223.3	270	66.6		2.3	0.6							725.33	37%	68%	

JAPAN SEA MARITIME REGION (CHUM SALMON)

日本海区 (サケ)

FISHING VESSEL	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
ISHIKARI	1970			8	39	218	645	538	636	302	88	279	37							2790			FISHING
	1971		4	41	73	239	2188	1068	2344	1913	189	132	86							8277			SEASON
	1972			2	36	311	853	3121	6237	1946	187	93	113							12899			MID- AUGUST
	1973					93	513	1297	3894	1765	372	387	338							8659			8月4日
	1974				72	370	1097	1776	2406	2488	970	736	623	277	129					10944			12月中旬
	TOTAL		4	51	220	1231	5296	7800	15517	8414	1806	1627	1197	277	129					43569	10月中旬	9月下旬 ~10月下旬	TO MID- DECEMBER
	AVERAGE		0.8	10.2	44	246.2	1059.2	1560	3103.4	1682.8	361.2	325.4	239.4	55.4	25.8					87138	36%	85%	
YOICHI	1970								38											38			FISHING
	1971				20		133	96	302	946	35		14							1546			SEASON
	1972					5	166	253	138	108	73	113	23							879			EARLY
	1973					5	4		3	16			34							46			9月1日
	1974						5	1				36	21	16						95			~12月1日
	TOTAL				20	10	308	350	481	1070	108	149	92	16						2604	10月下旬	10月上旬 ~10月下旬	TO EARLY DECEMBER
	AVERAGE				5	2.5	77	87.5	96.1	267.5	27	37.25	23	4						520.8	42%	73%	
SHIBUTO	1970							1	32	38	9	3								83			FISHING
	1971							25	77	85	14	19	25							245			SEASON
	1972						19	42	77	109	21	24	5							297			MIDDLE
	1973					14	6	71	205	79	67	40	24	1						507			9月中旬
	1974					14	135	32	126	24	63	1	5							400			~12月上旬
	TOTAL					28	160	171	517	335	174	87	59	1						1532	10月中旬	10月中旬 ~10月14日	TO EARLY DECEMBER
	AVERAGE					5.5	32	34.2	103.4	67	34.8	17.4	11.8	0.2						306.4	34%	56%	
TOSHIBETSU	1970							146	281	333	63	3								826			FISHING
	1971							47	250	1069	252	124								1742			SEASON
	1972						11	121	706	1227	256	3								2324			MIDDLE
	1973						11	91	560	846	189	30								1727			9月中旬
	1974					2	106	327	906	394	164									1899			~11月中旬
	TOTAL					2	128	732	2703	3869	924	160								8518	10月下旬	10月中旬 ~11月1日	TO MID- NOVEMBER
	AVERAGE					0.4	25.6	146.4	540.6	773.8	184.8	32								1703.6	45%	88%	

JAPAN SEA MARITIME REGION (CHUM SALMON)

日本海 区 (サ ケ)

	YEAR	AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
ASSADU	1970						120	306	619	305	240	70	11							1,671			FISHING SEASON MIDDLE
	1971				9		68	134	290	429	172	141	46							1,289			
	1972						90	469	1,443	1,318	1,155	195	14							4,684		EARLY OCTOBER TO LATE NOVEMBER	SEPTEMBER 9月 期
	1973						125	525	1,720	2,667	764	369	15							6,185			
	1974						140	960	1,502	2,436	627	425	40							6,130	LATE OCTOBER		TO LATE NOVEMBER
	TOTAL				9		542	2,394	5,574	7,155	2,958	1,200	126							19,959	10月下旬	10月上旬 ~11月上旬	
	AVERAGE				18		108.6	478.8	1,114.8	1,431	591.6	240	25.2							3,991.8	3.6%	9.1%	
OYOBS	1970																						FISHING SEASON LATE
	1971																						LATE NOVEMBER
	1972																						TO EARLY DECEMBER
	1973																						TO LATE DECEMBER
	1974												155	3						158	LATE NOVEMBER	11月下旬 ~12月上旬	
	TOTAL												155	3						158	11月下旬	11月下旬 ~12月上旬	
	AVERAGE												155	3						158	9.8%	10.0%	

OKHOTSK MARITIME REGION (PINK SALMON)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PERIOD	RUN PERIOD	
7 CHIRAIYETSU	1970					3	9	48	46	25	1	3								135	EARLY SEPTEMBER	EARLY AUGUST TO EARLY SEPTEMBER	FISHING SEASON MID JULY TO MID OCTOBER
	1971					102	527	557	686	101	428	43	54	39	66					2,603			
	1972					4	1		5	3										13			
	1973							30	96	38	58	36								258			
	1974									568	478	30								1,076			
	TOTAL					109	537	635	833	735	965	112	54	39	66					1,085			
	AVERAGE					21.8	107.4	127	166.6	147	193	22.4	10.8	7.8	13.2					817			
10 SARUFUTSU	1970					22	27	131	48	13	2									213	MIDDLE AUGUST	LATE JULY TO LATE AUGUST	FISHING SEASON MID JULY TO LATE SEPTEMBER
	1971					310	1,021	70	418	431	37		45							2,332			
	1972								4											4			
	1973							9	54		36									99			
	1974						10	697	913	496	60	24	11							2,211			
	TOTAL					332	1,058	907	1,437	940	135	24	56							4,889			
	AVERAGE					66.4	211.6	181.4	287.4	188	27	4.8	11.2							977.8			
11 TOMBETSU	1970						47	593	214	159	154	121	34	6						1,328	MIDDLE SEPTEMBER	LATE AUGUST TO LATE SEPTEMBER	FISHING SEASON LATE JULY TO LATE OCTOBER
	1971						1,262	1,490	802	2,456	5,042	2,918	649	818	827	194				16,458			
	1972							6	22	8	6	15	24	105	3					189			
	1973							190	137	216	151	232	255	158	330	54				1,723			
	1974								177	405	627	1,926	1,386	304						4,825			
	TOTAL						1,309	2,279	1,352	3,244	5,980	5,212	2,348	1,391	1,160	248				24,523			
	AVERAGE						261.8	455.8	270.4	648.8	1,196	1,042.4	469.6	278.2	232	49.6				4,904.6			
13 KITAHINOROBETSU	1970					57	72	189	131	31	3									483	MIDDLE AUGUST	LATE AUGUST TO LATE SEPTEMBER	FISHING SEASON MID JULY TO EARLY NOVEMBER
	1971					217	1,275	1,638	706	381	150	416	1,112	427	58	237				6,617			
	1972						67	26	15	17	6		4							135			
	1973					362	515	236	26	83	79	148	646	228	41	45	62			2,471			
	1974					22	21	329	560	931	409	174	51	65	23					2,590			
	TOTAL					688	1,952	2,418	1,438	1,446	647	738	1,813	720	122	282	62			12,320			
	AVERAGE					137.6	390.4	483.6	287.6	289.2	129.4	147.6	362.6	141	24.4	56.4	12.4			2,464.0			

OKHOTSK MARITIME REGION (PINK SALMON)

オホーツク海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEARL RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
15 TOKUSHIBETSU	1970				12	174	80	478	478	155	119	190	127	27	7					1,847			FISHING SEASON MIDDLE JUNE TO EARLY AUGUST 6月中旬 ~11月中旬 MIDDLE NOVEMBER
	1971				38	222	1,012	2,400	507	1,021	1,574	827	1,361	1,017	964	800	313			12,056			
	1972				2	135	396	271	87	57	75	118	136	88	27					1,392			
	1973			23	241	1,034	1,106	822	328	421	838	793	1,342	387	75	26	390	130		7,956	EARLY AUGUST	EARLY AUGUST TO LATE SEPTEMBER	
	1974				105	181	200	530	1,160	2,221	1,166	1,494	157	210	157					7,581			
	TOTAL			23	393	1,746	2,794	4,501	2,560	3,875	3,772	3,422	3,123	1,729	1,230	826	703	130		30,832	8月上旬	8月上旬 ~9月下旬	
23 HORONAI	AVERAGE			4.6	79.6	349.2	558.8	900.2	512	775	754.4	684.4	624.6	345.8	246	165.2	140.6	26		6,166.4	15%	69%	FISHING SEASON EARLY AUGUST LATE AUGUST LATE SEPTEMBER 8月上旬 ~11月中旬 TO MID-NOVEMBER
	1970							98	126	190	213	56	95							778			
	1971							222	1,543	2,774	1,866	2,728	3,769	2,765	3,646	915	187	25		20,440			
	1972							105	85	185	112	79	108	81	20					775			
	1973							637	300	991	646	1,498	2,052	1,225	985	568	83	16		9,001	LATE AUGUST	TO MID-OCTOBER	
	1974							726	1,364	1,085	701	2,593	1,826	1,052	245					9,652	LATE SEPTEMBER	8月下旬 ~10月中旬	
27 OUMI	TOTAL							1,788	3,418	5,225	3,598	6,954	7,850	5,123	4,896	1,483	270	41		40,646	9月下旬	8月下旬 ~10月上旬	FISHING SEASON MIDDLE JUNE TO EARLY AUGUST LATE SEPTEMBER 6月中旬 ~11月上旬 EARLY NOVEMBER
	AVERAGE							357.6	683.6	1,045	719.6	1,390.8	1,570	1,024.6	979.2	296.6	54	8.2		8,129.2	19%	83%	
	1970						9	73	42	146	75	15	15							375			
	1971			1	2	30	275	269	255	468	753	744	635	119	183					3,734			
	1972				6	49	26	46	34	34	9	56	2							262			
	1973					156	116	4	153	82	327	914	469	534	42	2				2,804	EARLY SEPTEMBER TO EARLY OCTOBER	6月中旬 ~11月上旬	
27 OKOPPE	1974						161	159	56	671	853	1,292	674	30						3,899	LATE SEPTEMBER	9月上旬 ~10月上旬	FISHING SEASON EARLY JULY TO EARLY AUGUST MIDDLE OCTOBER 7月上旬 ~11月上旬 EARLY NOVEMBER
	TOTAL			1	2	36	489	648	506	857	1,615	1,948	2,912	1,264		47	2			11,074	9月下旬	9月上旬 ~10月上旬	
	AVERAGE			0.2	0.4	7.4	97.8	129.6	101.2	171.2	325	389.6	582.4	252.8	747	9.4	0.4			2,214.8	26%	70%	
	1970							70	48	13	5	6	4							146			
	1971							86	218	330	523	655	769	596	1,673	267	8			5,125			
	1972							34	5						132	22				193	EARLY SEPTEMBER TO MID-OCTOBER	7月上旬 ~11月上旬	
27 OKOPPE	1973						34	5							132	22				193			FISHING SEASON EARLY JULY TO EARLY AUGUST MIDDLE OCTOBER 7月上旬 ~11月上旬 EARLY NOVEMBER
	1974				5	15	7	212	457	917	741	282	579	275						3,490			
	TOTAL				5	15	7	402	728	1,260	1,269	943	1,352	871	1,805	289	8			8,954	10月中旬	9月上旬 ~10月中旬	
	AVERAGE				1.25	3.75	1.75	100.5	182	315	317.2	235.7	338	217.7	451.2	72.25	2			2,238.5	20%	70%	

OKHOTSK MARITIME REGION (PINK SALMON)

オホーツク海区（カラフトマス）

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PERIOD 1	PERIOD 2	
30 MOKOPPE	1970																					FISHING SEASON MIDDLE JULY TO 漁期	
	1971																						
	1972					10	24	23	8	2	3	12	6										
	1973					3	10				9	152	246	424									
	1974																						
	TOTAL					13	34	23	8	2	12	164	252	424									
AVERAGE					6.5	17	11.5	4	1	6	82	125	212										
33 SHOKOYU	1970							203	230	53	537	99	11	34								FISHING SEASON MIDDLE JULY TO 漁期	
	1971					156	1,207	458	2,286	2,246	1,674	3,157	4,568	362	6,697	2,330							
	1972							169	267	520	96	219	174										
	1973							786	189			118	1,036	1,488	2,818	272	52						
	1974							940	1,322	1,255	664	1,004	1,184	196	15								
	TOTAL					156	1,207	2,556	4,276	4,074	2,971	4,597	6,973	2,080	9,530	2,602	52						
AVERAGE					31.2	241.4	511.2	855.2	814.8	594.2	919.4	1,394.6	416	1,906	520.4	10.4							
34 MONBETSU	1970																					FISHING SEASON EARLY SEPTEMBER 漁期	
	1971																						
	1972																						
	1973																						
	1974										480	383	144	106	56								
	TOTAL										480	383	144	106	56								
AVERAGE										480	383	144	106	56									
39 YUBETSU	1970						106	179	846	480	612	146	190	36	94							FISHING SEASON LATE JULY TO 漁期	
	1971							874	1,465	3,307	2,902	4,019	5,727	3,147	6,853	6,143	781	375					
	1972					59	280	497	530	372	405	479	206	109									
	1973					199	826	470	95	260	884	2,862	4,402	9,236	1,512	959							
	1974						341	548	1,385	1,294	1,537	3,551	666	276									
	TOTAL					364	2,500	3,826	5,797	5,440	6,991	12,809	8,457	16,568	7,655	1,740	375						
AVERAGE					72.8	500	765.2	1,159.4	1,088	1,398.2	2,561.8	1,691.4	3,313.6	1,531	348	75							

OKHOTSK MARITIME REGION (PINK SALMON)

オホーツク海区 (カラフトマス)

	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E.	M.	L.	E.	M.	L.	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
48 SAROMABETSU	1970																						FISHING SEASON
	1971										87	76	181	9	34	23				410			EARLY SEPTEMBER
	1972																						EARLY SEPTEMBER
	1973																						TO LATE SEPTEMBER
	1974																						TO LATE OCTOBER
	TOTAL AVERAGE										87	76	181	9	34	23				410	9月下旬	9月上旬 ~9月下旬	
50 TOKORO	1970							59	121	33	141	47	7	7						415			FISHING PERIOD
	1971							91	1,817	2,781	2,715	2,099	3,875	2,054	3,211	1,466	93			20,205			EARLY AUGUST
	1972							37	43	543	363	434	338	42	71					1,871			LATE AUGUST
	1973							189	192	2,193	1,265	2,619	3,524	2,682	2,520	574	45			16,303			TO MID-OCTOBER
	1974							553	1,903	2,578	2,867	694	810	187	190					9,782			TO EARLY NOVEMBER
	TOTAL AVERAGE							1,232	4,076	8,128	7,351	5,893	8,554	5,172	5,992	2,040	138			48,576	9月下旬	8月下旬 ~10月中旬	
51 NOTORO LAKE UBARANA	1970																						FISHING SEASON
	1971																						
	1972																						MIDDLE TO LATE SEPTEMBER
	1973																						魚期
	1974											78	97							175			9月中旬 ~9月下旬
	TOTAL AVERAGE											78	97							175	9月下旬	9月中旬 ~9月下旬	
52 ABASHIRI (AND WEST ABASHIRI)	1970										1	7		5						13			FISHING SEASON
	1971							2	34	9	4	205	792	2,806	1,475	136	236			5,699			MIDDLE JULY
	1972										14	82	25	2	9					132			LATE SEPTEMBER
	1973							4		168	2,095	1,919	4,704	4,628	4,643	777				18,938			TO MID-OCTOBER
	1974					1				430	1,152	582	118	13	13					2,309			EARLY OCTOBER
	TOTAL AVERAGE					0.2		6	34	607	3,266	2,795	5,639	7,454	6,140	913	236			27,091	10月上旬	9月下旬 ~10月中旬	

OKHOTSK MARITIME REGION (PINK SALMON)

オホーツク海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN-RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
53 MOKOTO	1970										10	34								44			FISHING SEASON EARLY SEPTEMBER 漁期 9月上旬 ~11月下旬 TO LATE NOVEMBER
	1971										251	305	730	824	104	272				2,486			
	1972												12							12		EARLY SEPTEMBER TO EARLY OCTOBER	
	1973										86	269	367	289	118	102	11			1,242	LATE SEPTEMBER	9月上旬 ~10月上旬	
	1974										135	153	40	6	31					365			
	TOTAL										482	761	1,149	1,119	253	374	11			4,149	9月下旬	9月上旬 ~10月上旬	
	AVERAGE										96.4	152.2	229.8	223.8	50.6	74.8	2.2			829.8	28%	73%	
57 YAUSHIBETSU	1970																					FISHING SEASON EARLY AUGUST 漁期 8月上旬 ~10月中旬 TO MID-OCTOBER	
	1971																						
	1972																						LATE AUGUST TO EARLY SEPTEMBER
	1973										53	149	1,412	1,043	457	294	123	12		3,543	LATE AUGUST		8月上旬 ~9月上旬
	1974										53	149	1,412	1,043	457	294	123	12		3,543	8月下旬		8月下旬 ~9月上旬
	TOTAL										53	149	1,412	1,043	457	294	123	12		3,543	8月下旬		8月下旬 ~9月上旬
	AVERAGE										53	149	1,412	1,043	457	294	123	12		3,543	40%		69%
58 SHARI	1970				27	69	320	286	826	447	224	753	337	234	30					3,553			FISHING SEASON MIDDLE JUNE TO 漁期 6月中旬 ~11月中旬 MIDDLE NOVEMBER
	1971				2	58	336	634	1,739	1,333	2,833	2,821	3,591	4,145	4,941	2,975	1,276	148		26,835			
	1972				46	160	538	1,465	2,179	1,402	975	1,006	1,685	852	92					10,400		MIDDLE AUGUST TO LATE OCTOBER	
	1973		2	6	13	244	775	1,150	1,891	2,939	2,748	1,932	3,154	3,569	5,955	4,342	856	247		29,823	MIDDLE OCTOBER	6月中旬 ~11月中旬	
	1974			1	12	55	74	925	1,792	3,373	3,288	2,158	2,019	743	582					15,022			
	TOTAL		2	7	100	586	2,043	4,460	8,427	9,494	10,068	8,670	10,786	9,543	11,603	7,317	2,132	395		85,633	10月中旬	8月中旬 ~10月下旬	
	AVERAGE		0.4	1.4	21.8	117.2	408.6	892	1,685.4	1,898.8	2,013.6	1,734	2,157.2	1,908.6	2,320.6	1,463.4	426.4	79.0		17,126.6	14%	89%	
59 OKUSHIBETSU	1970																					FISHING SEASON MIDDLE JULY TO 漁期 7月中旬 ~11月中旬 EARLY NOVEMBER	
	1971						24	78	343	386	625	816	3,754	1,239	1,559	993	142			9,959			
	1972										19	41	268	155						483			EARLY SEPTEMBER TO MID-OCTOBER
	1973					1	43	100	253	561	2,017	2,788	2,549	2,498	2,393	1,610	71			14,887	LATE SEPTEMBER		7月中旬 ~11月中旬
	1974							109	247	898	3,041	610	37	226						5,168			
	TOTAL					1	67	287	843	1,848	5,702	4,255	6,608	4,118	3,952	2,603	213			30,497	9月下旬		9月上旬 ~10月中旬
	AVERAGE					0.25	16.7	71.7	210.7	462	1,425.5	1,063.7	1,652	1,029.5	988	650.7	53.2			7,624.2	22%		81%

OKHOTSK MARITIME REGION (PINK SALMON)
オホーツク海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
65 ENGETSU	1970																						FISHING
	1971																						SEASON
	1972																						MIDDLE
	1973																						AUGUST
	1974								18	319	316	243	743	375						2,014	LATE SEPTEMBER	LATE AUGUST TO EARLY OCTOBER	8月中旬 ~10月上旬 TO EARLY OCTOBER
70 INAOBETSU	TOTAL								18	319	316	243	743	375						2,014	9月下旬	8月下旬 ~10月上旬	
	AVERAGE								18	319	316	243	743	375						2,014	37%	99%	
	1970				139	744	6	139	1,092	4,207	1,410	1,286	219	105						9,347			FISHING
	1971							3	34	198	610	1,958	4,147	6,694	10,258	6,658	160			30,720			SEASON
	1972				21	329	803	1,438	1,943	1,666	4,091	2,040	955	814						14,100			LATE JULY TO
74 RUSHA	1973						15	73	405	197	239	1,103	2,825	3,231	14,246	12,450	1,511			36,295	MIDDLE SEPTEMBER	MIDDLE TO LATE OCTOBER	6月下旬 ~11月上旬 EARLY NOVEMBER
	1974			152	68	70	413	1,481	2,969	1,372	784	4,461	4,501	1,245	51					17,567	OCTOBER		
	TOTAL			152	228	1,143	1,237	3,131	6,445	7,640	7,134	10,848	12,647	12,089	24,555	19,108	1,671			108,029	10月中旬	9月中旬 ~10月下旬	
	AVERAGE			30.1	45.6	228.6	247.4	626.8	1,288.6	1,528	1,426	2,169.6	2,529.4	2,417.8	4,911	3,821.6	334.2			21,605.8	23%	73%	
	1970				1	1	6	11	33	31	17	226	183							509			FISHING
1971									33	157	210	886	936	1,399	2,399	458			6,478			SEASON	
1972								10	34	25	131	665							855			EARLY JULY TO	
1973								28	115	42	126	306	1,012	1,510	4,860				7,999	MIDDLE SEPTEMBER	LATE SEPTEMBER TO MIDDLE OCTOBER	7月上旬 ~10月下旬 LATE OCTOBER	
1974									11	207	101	661	1,717	1,469	70				4,236	OCTOBER			
TOTAL				1	1	6	49	226	462	585	2,744	3,848	4,378	7,329	458				20,087	10月中旬	9月下旬 ~10月中旬		
AVERAGE				0.2	0.2	1.2	9.8	45.2	92.4	117	548.8	769.6	875.6	1,465.8	91.6				4,017.4	36%	77%		

NEMURO MARITIME REGION (PINK SALMON)

根室海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK SEASON	RUN SEASON	
10 SASHIRU	1970					5	10	24	33	33	7	2								114			FISHING SEASON MIDDLE JULY TO
	1971					7	27	86	192	320	142	117	113	10	4					1,018			MIDDLE JULY TO
	1972					16	37	95	63	104	58	29								402		EARLY AUGUST	漁期 7月中旬
	1973					35	59	98	112	138	106	106	94	39	30					817		TO MID-SEPTEMBER	7月中旬 10月中旬
	1974						2	44	40	520	437	178			105					1,326	EARLY SEPTEMBER		MIDDLE OCTOBER
	TOTAL					63	135	347	440	1,115	750	432	207	49	139					3,677	9月上旬	8月上旬 ~ 9月中旬	
	AVERAGE					12.6	27	74.8	88	223	150	86.4	41.4	9.8	27.8					735.4	30%	84%	
12 RAUSU	1970																						FISHING SEASON MIDDLE JULY TO
	1971									20	35	32	18	17	4					126		LATE AUGUST	漁期 7月中旬
	1972																					TO MIDDLE SEPTEMBER	7月中旬 10月中旬
	1973					1	7	2	28	48	57	42	25	7	7					224	EARLY SEPTEMBER		MIDDLE OCTOBER
	1974						6			20	11									37			
	TOTAL					1	13	2	28	88	103	74	43	24	11					387	9月上旬	8月下旬 ~ 9月中旬	
	AVERAGE					0.33	4.3	0.66	9.33	29.3	34.3	24.6	14.3	8	3.66					77.4	26%	66%	
17 HAKKARIKOTAN	1970						42	15	17	4	3	1								82			FISHING SEASON LATE JULY TO
	1971						4	13	11	2	3									33		LATE AUGUST	漁期 7月下旬
	1972								8	30	25	27								90		TO EARLY SEPTEMBER	7月下旬 9月下旬
	1973						20	15	26	89	58	52	53							313		LATE AUGUST	LATE SEPTEMBER
	1974						5	11	29	77	95									217			
	TOTAL						71	54	91	202	184	80	53							735	8月下旬	8月下旬 ~ 9月上旬	
	AVERAGE						14.2	10.8	18.2	40.4	36.8	16	10.6							147	27%	52%	
19 UESETSU	1970																						FISHING SEASON MIDDLE SEPTEMBER
	1971																						漁期 9月中旬
	1972																					MIDDLE TO LATE SEPTEMBER	9月中旬 9月下旬
	1973										80	35								115			TO LATE SEPTEMBER
	1974																						
	TOTAL										80	35								115	9月中旬	9月中旬 ~ 9月下旬	
	AVERAGE										16	7								23	70%	100%	

NEMURO MARITIME REGION (PINK SALMON)

根室海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD.	RUN PERIOD.	
24 OHURU	1970				14	15	4	72	52	64	25									246			FISHING SEASON EARLY JULY TO MIDDLE AUGUST TO MID-SEPTEMBER LATE AUGUST 8月下旬 8月中旬 ~9月中旬 70%
	1971				12	5	60	100	337	635	397	220	99							1,865			
	1972				23	98	179	212	177	150	100	79								1,018			
	1973				10	90	105	133	85	209	302	331	121	27						1,413			
	1974						23	43	40	38	86	204	90							524			
	TOTAL				59	208	371	560	691	1,096	910	834	310	27						5,066			
	AVERAGE				11.8	41.6	74.2	112	138.2	219.2	182	166.8	62	5.4						1,013.2	22%		
25 ICHANI	1970																						FISHING SEASON MIDDLE JULY TO EARLY AUGUST TO LATE SEPTEMBER EARLY OCTOBER 9月上旬 8月中旬 ~9月下旬 30%
	1971					3	11	48	156	161	220	140	126							865			
	1972					7	11	25	20	64	49	29								205			
	1973					6	23	30	32	145	246	121	76	13						692			
	1974										46	34								80			
	TOTAL					16	45	103	208	370	561	324	202	13						1,842			
	AVERAGE					4	11.25	25.75	52	92.5	140.25	81	50.5	3.25						460.5			
26 SHIBETSU	1970				194	54	289	298	175	407	469	562	143							2,591			FISHING SEASON EARLY JULY TO MIDDLE AUGUST TO MID-OCTOBER LATE SEPTEMBER 9月中旬 8月下旬 ~10月中旬 25%
	1971							24	164	1,161	1,117	657	894	355	559	64				4,995			
	1972					116	310	243	36	638	542	1,100								2,985			
	1973							88	97	176	498	953	402	272	1,732					4,218			
	1974				4	25	15	167	96	46	202	805		176						1,536			
	TOTAL				198	195	614	820	568	2,428	2,828	4,077	1,439	803	2,291	64				16,325			
	AVERAGE				39.6	39	122.8	164	113.6	485.6	565.6	816.8	287.8	160.6	458.2	12.8				3,265			
28 TOHORO	1970							19	48	29	41									137			FISHING SEASON EARLY AUGUST TO LATE SEPTEMBER LATE SEPTEMBER 9月下旬 8月下旬 ~9月下旬 38%
	1971										34	58								92			
	1972										64	107	131							302			
	1973							34	16	54	13	94	246	66						523			
	1974									115	26	51	156							348			
	TOTAL							53	64	198	178	310	533	66						1,402			
	AVERAGE							10.6	12.8	39.6	35.6	62	106.6	13.2						280.4			

NEMURO MARITIME REGION (PINK SALMON)

根室海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
31 SHUNDETSU	1970							8		13	22	61	14							118			FISHING SEASON EARLY AUGUST 漁期 8月上旬 ~10月中旬 TO MID-OCTOBER
	1971										25	46	151	146						368		MIDDLE	
	1972										10	26								36		SEPTEMBER TO EARLY OCTOBER	
	1973									18	18	25								61	LATE		
	1974										32	11	8							51	SEPTEMBER		
	TOTAL							8		31	107	169	173	146						634	9月下旬	9月中旬 ~10月上旬	
	AVERAGE							1.6		6.2	21.4	33.8	34.6	29.2						126.8	27%	76%	
32 TOKOTAN	1970									30	28	189	357	58						662			FISHING SEASON MIDDLE AUGUST 漁期 8月中旬 ~10月中旬 TO MID-OCTOBER
	1971										151	99	316	158	66					790		EARLY	
	1972										64	328								392		SEPTEMBER TO EARLY OCTOBER	
	1973								13	22	83	48	48							214	LATE		
	1974								24	56	16	85	168	139						488	SEPTEMBER		
	TOTAL								37	108	342	749	889	355	66					2,546	9月下旬	9月上旬 ~10月上旬	
	AVERAGE								7.4	21.6	68.4	149.8	177.8	71	13.2					509.2	35%	91%	
34 NISHIBETSU	1970				1.196	2.384	1.014	367	1.376	1.591	129	3,362	555	400						12,374			FISHING SEASON EARLY JULY TO 漁期 7月上旬 ~10月中旬 MIDDLE OCTOBER
	1971					490	136	129	55	905	1,510	2,742	1,417	728						8,112		LATE	
	1972									6		1,988	937							2,931		TO LATE	
	1973										416	420	1,121	226	110					2,293	MIDDLE	SEPTEMBER	
	1974							104			88	801	268							1,261			
	TOTAL				1.196	2,874	1,150	600	1,431	2,502	2,143	9,313	4,298	1,354	110					26,971	9月中旬	8月下旬 ~9月下旬	
	AVERAGE				239.2	574.8	230	120	286.2	500.4	428.6	1,862.6	859.6	2,708	22					5,394.2	35%	68%	
36 YASUSHIBETSU	1970							14	21	24	13	1	28							101			FISHING SEASON EARLY JULY TO 漁期 7月上旬 ~10月上旬 EARLY OCTOBER
	1971						2	2	27	11	5	116	41	16						220		MIDDLE	
	1972							5	2		1									8		TO MID-	
	1973							11	35	22	102	18		6						194	MIDDLE	SEPTEMBER	
	1974				3	3		2	7	13	12	5	3	8						56			
	TOTAL				3	3	2	34	92	70	133	140	72	30						579	9月中旬	8月中旬 ~9月中旬	
	AVERAGE				0.6	0.6	0.4	6.8	18.4	11	26.6	28	14.4	6						115.8	24%	75%	

NEMURO MARITIME REGION (PINK SALMON)

根 室 海 区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	RUN PEAK RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		1	2	
37 FUREN	1970						5	25	69	173	27	46								345			FISHING SEASON EARLY JULY 7月1日 ~10月1日 TO MID- OCTOBER
	1971				3			3	115	156	255	191		47						770			
	1972			142	257	360	853	684		175	191	17	75							2,757			
	1973					107	728	143	81	3,008	672	455	5	20	9					5,238			
	1974				6	47	71	37	58	85	92	98	80							497			
	TOTAL			112	266	514	1,670	892	323	3,597	1,240	807	16	67	9					9,607	8月1日 ~9月1日	8月1日 ~9月1日	
39 BETTOGA	AVERAGE			28.4	53.2	102.8	334	178.4	64.6	719.4	248	161.1		13.4	1.8					1,921.4	37%	71%	FISHING SEASON EARLY SEPTEMBER 9月1日 ~10月1日 TO EARLY OCTOBER
	1970											173	35							208			
	1971										760	660	800	246						2,466			
	1972											130	17	5						152			
	1973										2	540	480	101						1,123			
	1974											226	43	5						271			
39 BETTOGA	TOTAL										762	1,720	1,375	357						4,223	9月1日 ~9月1日	9月1日 ~9月1日	FISHING SEASON EARLY SEPTEMBER 9月1日 ~10月1日 TO EARLY OCTOBER
	AVERAGE										152.4	345.8	275	71.4						844.6	41%	73%	

ERMO EAST MARITIME REGION (PINK SALMON)

襟裳以東海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
45 KUSHIRO	1970										3	51								54			FISHING SEASON
	1971				3	15	133	171	163	281	147	442	815	145						2,345			EARLY JULY TP
	1972							83	51	8	85	103	5							335			漁期
	1973							11	8	11	13	76	419							538			7月上旬 ～10月上旬
	1974									14	6	27								47			EARLY OCTOBER
	TOTAL				3	15	133	265	222	314	254	609	1,269	145						3,319	9月下旬	9月中旬 ～9月下旬	
	AVERAGE				0.6	3	26.6	53	44.4	62.8	50.8	139.8	253.8	29						663.8	38%	59%	
TOKACHI (OHYODA)	1970																						FISHING SEASON
	1971										6,532	1,545	1,534							9,611			EARLY TO LATE
	1972																						漁期
	1973										1,009	906								1,915			9月上旬 ～9月中旬
	1974																						SEPTEMBER
	TOTAL										7,541	2,451	1,534							11,526	9月上旬	9月上旬 ～9月中旬	
	AVERAGE										3,770.5	1,225.2	767							5,313	65%	86%	
TOKACHI (MAKUBETSU)	1970											4	1							5			FISHING SEASON
	1971										569	186	70							825			EARLY TO LATE
	1972																						漁期
	1973																						9月上旬 ～9月下旬
	1974																						SEPTEMBER
	TOTAL										569	190	71							830	9月上旬	9月上旬 ～9月中旬	
	AVERAGE										284.5	95	35.5							415	68%	91%	
TOKACHI (TOTAL)	1970											4	1							5			FISHING SEASON
	1971										7,101	1,731	1,604							10,436			EARLY TO LATE
	1972																						漁期
	1973										1,009	906								1,915			9月上旬 ～9月中旬
	1974																						SEPTEMBER
	TOTAL										8,110	2,641	1,605							12,356	9月上旬	9月上旬 ～9月中旬	
	AVERAGE										2,703.3	880.3	535							4,118.6	66%	87%	

襟裳以東海区（カラフトマス）

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ERIMO WEST MARITIME REGION (PINK SALMON)

樺太以西海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN-RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
1 UTABETSU	1970																						FISHING SEASON LATE AUGUST 漁期
	1971																						EARLY TO LATE SEPTEMBER 8月下旬 ~ 10月中旬 TO MID-OCTOBER
	1972									3	8	15	54	1	17					98	LATE SEPTEMBER		
	1973										8	1								9			
	1974									3	16	16	54	1	17					107	9月下旬	9月上旬 ~ 9月下旬	
	AVERAGE									1.5	8	8	27	0.5	8.5					53.5	54%	81%	
4 NIKAMBETSU	1970									5	1	1								7			FISHING SEASON LATE JULY TO 漁期
	1971							13	25	17	18	8	40	101	77					299			MIDDLE SEPTEMBER TO MID-OCTOBER 7月下旬 ~ 10月上旬 LATE OCTOBER
	1972										2	48	40	17	9	2				118	EARLY OCTOBER		
	1973																			5			
	1974						1	2	1	1										429	10月上旬	9月中旬 ~ 10月中旬	
	AVERAGE						0.25	3.75	6.5	5.75	5.25	14.25	20	29.5	21.5	0.5				107.25	27%	79%	
5 HOROMAI	1970																			296			FISHING SEASON EARLY JULY TO 漁期
	1971				1	5	20	28	39	45	66	19	64	9						1			EARLY TO LATE SEPTEMBER 7月上旬 ~ 10月上旬 EARLY OCTOBER
	1972										1												
	1973																						
	1974																			297	9月中旬	9月上旬 ~ 9月下旬	
	AVERAGE				0.5	2.5	10	14	19.5	22.5	33.5	9.5	32	4.5						148.5	22%	47%	
12 HIDAKANOROBETSU	1970																						FISHING SEASON EARLY AUGUST 漁期
	1971																						
	1972									36										36			MIDDLE SEPTEMBER TO EARLY OCTOBER 8月上旬 ~ 10月上旬 TO LATE OCTOBER
	1973											124	170	173	39	14				520	LATE SEPTEMBER		
	1974							26	9	5	24	53	9							126			
	AVERAGE							8.66	3	13.66	8	59	59.66	57.66	13	4.66				682	9月下旬	9月中旬 ~ 10月上旬	

ERIMO WEST MARITIME REGION (PINK SALMON)

襟裳以西海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN PERIOD		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
18 MATSUURA	1970																						FISHING SEASON
	1971											2		2						4			MIDDLE SEPTEMBER
	1972																						魚期
	1973												6	6						12			9月中旬 ~10月上旬
	1974											2	6	8						16	10月上旬 ~10月上旬	9月中旬 ~10月上旬	TO EARLY OCTOBER
	TOTAL AVERAGE											1	3	4						8	50%	100%	
23 SHIZUNAI	1970																						FISHING SEASON
	1971									45	197	216	109	42	16	9				634			EARLY TO LATE SEPTEMBER
	1972							35	86	20										141			魚期
	1973							10	5		3	5	31	40						94			8月上旬 ~10月下旬
	1974																						TO LATE OCTOBER
	TOTAL AVERAGE							45	91	65	200	221	140	82	16	9				869	9月中旬 ~9月下旬	9月上旬 ~9月下旬	
44 SHIRAOI	1970																						FISHING SEASON
	1971																						MIDDLE SEPTEMBER
	1972																						魚期
	1973											8	16	3	5					32			9月中旬 ~10月中旬
	1974																						TO MID-OCTOBER
	TOTAL AVERAGE											8	16	3	5					32	9月下旬	9月中旬 ~10月中旬	
59 NUKIBETSU	1970											2	3	7						12			FISHING SEASON
	1971												19	25	4	1				49			MIDDLE SEPTEMBER
	1972																						魚期
	1973																						9月中旬 ~10月下旬
	1974																						TO LATE OCTOBER
	TOTAL AVERAGE											2	22	32	4	1				61	10月上旬 ~10月上旬	9月中旬 ~10月上旬	
												1	11	16	2	0.5				30.5	50%	88.5%	

ERIMO WEST MARITIME REGION (PINK SALMON)

襟裳以西海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
63 OSHAMARBE	1970											3	4	24	4	1				36			FISHING SEASON MIDDLE SEPTEMBER
	1971																						
	1972											10	4	1						15	EARLY OCTOBER	MIDDLE SEPTEMBER TO EARLY OCTOBER	9月中旬 ~ 10月上旬 TO LATE OCTOBER
	1973																						
	1974																			51	10月上旬	9月中旬 ~ 10月上旬	
	TOTAL AVERAGE											6.5	4	12.5	2	0.5				25.5	50%	90%	
74 YURAPPU	1970				637	957	571	94	21	29	4	167	475	146						3,101			FISHING SEASON EARLY
	1971				3	16	37	116	60	82	13	9	298	74	202	44				954			JULY TO
	1972				184	553	1,062	616	308	177	30	295	113	130						3,468			7月上旬 ~ 10月上旬
	1973				4	16	30	29	7	27	23	22	21	4	22					205	LATE JULY	EARLY AUGUST	LATE OCTOBER
	1974					510	372	90	88	172	2	64	21							1,319			
	TOTAL AVERAGE				828	2,052	2,072	945	484	487	72	557	928	354	224	44				9,047	7月下旬	7月上旬 ~ 8月上旬	
SHODOMARI	1970																						
	1971																						
	1972							33	16	3										52			FISHING SEASON EARLY
	1973																						JULY TO
	1974				2	14	3	7	3											29	EARLY AUGUST	EARLY TO MIDDLE AUGUST	7月上旬 ~ 8月下旬
	TOTAL AVERAGE				2	14	3	40	19	3										81	8月上旬	8月上旬 ~ 8月中旬	LATE AUGUST
					1	7	1.5	20	9.5	1.5										40.5	50%	75%	

JAPAN SEA MARITIME REGION (PINK SALMON)

日本海区 (カラフトマス)

	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN-RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
HOROMAI (REBUN IS.) RIVER	1970																						FISHING SEASON MIDDLE TO LATE 魚期 8月中旬 ~ 8月下旬 AUGUST
	1971																						
	1972								4											4		MIDDLE TO LATE AUGUST	
	1973								7	2										9		MIDDLE AUGUST	
	1974																						
5 MASUORO	TOTAL								11	2										13	8月中旬 ~ 8月下旬	8月中旬 ~ 8月下旬	FISHING SEASON EARLY JULY TO 魚期 7月上旬 ~ 10月上旬 EARLY OCTOBER
	AVERAGE								5.5	1										6.5	84.6%	100%	
	1970									111										111			
	1971						36	192	36	429	304	68	57	145						1,267			
	1972						14	8		17	6									45			
13 TESHIO (TESHIO)	1973				3	75	80	41	38	23										200			FISHING SEASON EARLY AUGUST 魚期 8月上旬 ~ 10月下旬 TO LATE OCTOBER
	1974									25	199	98	24							316			
	TOTAL				3	75	130	241	74	605	509	165	81	145						2,029	9月上旬 ~ 9月中旬	8月上旬 ~ 9月中旬	
	AVERAGE				0.6	15	26	48.2	14.8	121	101.8	33.2	16.2	29						405.8	25%	73%	
	1970																						
13 TESHIO (DOWNSTREAM)	1971											57	149	30	73	17				325			FISHING SEASON EARLY AUGUST 魚期 8月上旬 ~ 10月下旬 TO LATE OCTOBER
	1972								1	1		1								4			
	1973											15	1	9						25			
	1974																						
	TOTAL							1	1		1	72	151	39	73	17				355	9月下旬 ~ 10月中旬	9月中旬 ~ 10月中旬	
13 TESHIO (DOWNSTREAM)	AVERAGE							0.3	0.3		0.3	24	50.3	13	24.3	5.6				118.3	42%	94%	
	1970																						FISHING SEASON MIDDLE JULY TO 魚期 7月中旬 ~ 9月下旬 LATE SEPTEMBER
	1971																						
	1972																						
	1973				2	9	10	4		24	49	5								103			
	1974																						
13 TESHIO (DOWNSTREAM)	TOTAL				2	9	10	4		24	49	5								103	9月中旬 ~ 9月中旬	9月上旬 ~ 9月中旬	FISHING SEASON MIDDLE JULY TO 魚期 7月中旬 ~ 9月下旬 LATE SEPTEMBER
	AVERAGE				2	9	10	4		21	49	5								103	47.5%	70%	
	1970																						
	1971																						
	1972																						

JAPAN SEA MARITIME REGION (PINK SALMON)

日本海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
13 TESHIO (MIDDLE RIVER)	1970																					FISHING SEASON MIDDLE JULY TO 明 7月中旬 ~10月中旬 MIDDLE OCTOBER	
	1971				61	803	172	154	49	22	53									1.314			
	1972								2	1	1								4	LATE JULY TO			
	1973				16	93	44	7				6	7	2					175	MIDDLE AUGUST			
	1974							1	1	11	8	7							28	LATE JULY			
	TOTAL				77	896	216	162	52	34	62	13	7	2					1.521	7月下旬	7月下旬 ~8月中旬		
13 TESHIO	AVERAGE				19.25	224	54	40.5	13	8.5	15.5	3.25	1.75	0.5					380.25	5.9%	8.4%		
	1970																				FISHING SEASON MIDDLE JULY TO 明 7月中旬 ~10月下旬 TO LATE OCTOBER		
	1971				61	803	172	154	49	22	110	149	30	73	17				1.640				
	1972						1	1	2	2	1	1							8	LATE JULY TO			
	1973				18	102	54	11		24	64	12	16	2					303	LATE SEPTEMBER			
	1974							1	1	11	8	7							28	LATE JULY			
TOTAL				79	905	227	167	52	59	183	169	46	75	17				1.979	7月下旬	7月下旬 ~9月下旬			
19 EMBETSU	AVERAGE				19.75	226.25	56.75	41.75	13	14.75	45.75	42.25	11.5	18.75	4.25				493.25	4.6%	8.8%		
	1970						37	11	18	31	5	10								112	FISHING SEASON EARLY JULY TO 明 7月上旬 ~9月中旬 MIDDLE SEPTEMBER		
	1971					7	201	120	135										463	LATE JULY TO			
	1972			4	17		8	8	2		1								40	MIDDLE AUGUST			
	1973				5	4	3	14	2										28	LATE JULY			
	1974																						
TOTAL				4	29	242	142	175	35	5	11							643	7月下旬	7月下旬 ~8月中旬			
25 FURENBETSU	AVERAGE				1	7.25	60.5	35.5	43.75	8.75	1.25	2.75							160.75	3.8%	8.7%		
	1970																				FISHING SEASON LATE JULY TO 明 7月下旬 ~9月上旬 EARLY SEPTEMBER		
	1971																						
	1972																						
	1973						1	3											4	EARLY SEPTEMBER			
	1974										10								10	SEPTEMBER			
TOTAL						1	3			10								14	9月上旬	9月上旬			
25 FURENBETSU	AVERAGE						0.5	1.5			5								7	7.1%	7.1%		

JAPAN SEA MARITIME REGION (PINK SALMON)

日本海区 (カラフトマス)

RIVER	YEAR	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN. RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
43 OGINASHIBE	1970													1				1		2			FISHING SEASON EARLY OCTOBER 10月上旬 ~11月上旬 TO EARLY NOVEMBER
	1971																						
	1972																						
	1973																						
	1974																						
	TOTAL																			2	10月上旬 ~11月上旬	10月上旬 ~11月上旬	
AVERAGE																			2	50%	100%		
48 NOBUHA	1970				1	2	2			15	2	3								25			FISHING SEASON EARLY JULY TO EARLY OCTOBER 7月上旬 ~10月上旬
	1971					2	118	27	11											158			
	1972						1												1				
	1973					7	1		8				1						17				
	1974				1	1	2	1											5				
	TOTAL				2	12	124	28	19	15	2	3		1					206	7月下旬	7月下旬 ~8月上旬		
AVERAGE				0.4	2.4	24.8	5.6	3.8	3	0.4	0.6		0.2					41.2	59%	71%			
51 CHOKANBETSU	1970																					FISHING SEASON EARLY AUGUST 8月上旬 ~10月中旬 TO LATE OCTOBER	
	1971																						
	1972							2	1			1				1			5				
	1973																		3				
	1974							1	2										8	8月上旬 ~8月中旬	8月上旬 ~8月中旬		
	TOTAL							3	3			1				1			8				
AVERAGE							1.5	1.5			0.5				0.5			4	37.5%	75%			
67 ISHIRARI (WEST)	1970																					FISHING SEASON LATE SEPTEMBER 9月下旬	
	1971																						
	1972																						
	1973												3						3				
	1974																						
	TOTAL																		3	9月下旬	9月下旬		
AVERAGE																		3	100%	100%			

OKHOTSK SEA MARITIME REGION (CHERRY SALMON)

オホーツク海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
7 CHIRAISETSU	1970								19											19			FISHING SEASON MIDDLE JULY 漁期 7月中旬
	1971																						
	1972																						
	1973																						
	1974																						
	TOTAL								19											19			
13 KITAHINORIBETSU	1970			447	396	91	92	9	19			4								1,058			FISHING SEASON LATE MAY TO MIDDLE JUNE 5月下旬 ~8月中旬 MIDDLE AUGUST
	1971			87	114	19	4	12	17											253			
	1972			593	197	161	17	20			3									991			
	1973				102	2	15	9	3	2										133	LATE MAY	LATE MAY TO MIDDLE JUNE	
	1974			215	97	24	4	7	3	1										351			
	TOTAL			1,342	906	297	132	57	42	3	3	4								2,786	5月下旬	5月下旬 ~6月中旬	
15 TOKUSHIBETSU	1970				27	54	20	7	7	6	10	2	1							134			FISHING SEASON LATE MAY TO EARLY JULY 5月下旬 ~7月上旬
	1971					12	7	2	6	3										30			
	1972			355	427	351	56	173	27	12	5	12	1	1		11				1,431			
	1973						21	24	5	5	7			18						80	EARLY JUNE		
	1974	29	9	44	143	27	18	11	8	18										307			
	TOTAL	29	9	399	597	444	122	217	53	44	22	14	2	19		11				1,982	6月上旬	5月下旬 ~7月上旬	
29 OKOPPE	1970																						FISHING SEASON EARLY MAY 漁期 5月上旬 ~8月上旬 TO EARLY AUGUST
	1971	11	11	3	7	4	2																
	1972																						
	1973																						
	1974		8	3	24	2	1		1	3	7									49			
	TOTAL	11	19	6	31	6	3		1	3	7									87	6月上旬	5月中旬 ~6月上旬	
29 OKOPPE	AVERAGE	5.5	9.5	3	15.5	3	1.5		0.5	1.5	3.5									43.5	35%	65%	

OKHOTSK MARITIME REGION (CHERRY SALMON)

オホーツク海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
33 SHOKOTSU	1970			129	60									80						209			FISHING SEASON
	1971	250		68	61	50														432			EARLY MAY TO
	1972			310	133	112		18												573			無期
	1973			24	37															61			5月1旬 ~9月中旬
	1974					5	12	6				5								28	LATE MAY		MIDDLE SEPTEMBER
	TOTAL	250		531	294	167	12	24				5		80						1,363	5月下旬 ~6月中旬		
58 SHARI	AVERAGE	50		106.2	58.8	33.4	2.4	4.8				1		16						272.6	39%	72%	
	1970	52	137	200	175	32	3													599			FISHING SEASON
	1971	1,122	361	424	193	88	15	11												2,214			EARLY MAY TO
	1972	22	301	574	141	53	3						46	4						1,144			無期
	1973	2,067	451	633	150	59	86	2	19	5	5									3,477			5月1旬 ~9月中旬
	1974	530	92	36	27		7						283							975	EARLY MAY		MIDDLE SEPTEMBER
70 IWAOBETSU	TOTAL	3,793	1,312	1,867	686	232	111	13	19	5	5		283	46	4					8,409	5月上旬 ~5月下旬		
	AVERAGE	58.6	268.4	373.4	137.2	46.4	22.8	2.6	3.8	1	1		56.6	9.2	0.8					1,681.8	45%	83%	
	1970				23	5	12	8	22		7	23	10		17	7				134			FISHING SEASON
	1971				1	6	1	6	7	10	1		19	46	19	15				131			LATE MAY TO
	1972				9	4	4	12	1	2				3	64	10				109			無期
	1973			2				1	4	2	29	5			8	31	6			88			5月1旬 ~10月上旬
70 IWAOBETSU	1974					2					2	4	6	3	19					36	MIDDLE SEPTEMBER		EARLY OCTOBER
	TOTAL			2	33	17	17	37	34	14	39	32	35	52	127	63	6			498	9月中旬	9月中旬 ~9月下旬	
	AVERAGE			0.4	6.6	3.4	3.4	5.4	6.8	2.8	7.8	6.4	7	10.4	25.4	12.6	1.2			99.6	25%	37%	

NEMURO MARITIME REGION (CHERRY SALMON)

根 室 海 区 (サ ク ラ マ ス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
24 CHURUI	1970																						FISHING SEASON
	1971					51	49	8	9											117			MIDDLE JUNE TO
	1972					8														8			MIDDLE JUNE TO
	1973					104	147	54	15	1	5	7	9							342	LATE JULY	EARLY JULY	6月中旬 ~8月上旬 LATE AUGUST
	1974																						
	TOTAL					163	196	62	24	1	5	7	9							467	6月下旬	6月中旬 ~7月上旬	
AVERAGE					54.3	65.3	20.6	8	0.3	1.6	2.3	3							93.4	42%	89%		
25 ICHANI	1970																						FISHING SEASON
	1971				19	17	4	18	26	27		2	6	11						130			EARLY TO JUNE TO
	1972				4	5	6	2												17			EARLY TO JUNE TO
	1973				2	4	12	7	2	2	16	3	15							63	LATE JULY	EARLY TO JUNE TO	
	1974												6	11						17	JULY	EARLY TO JUNE TO	
	TOTAL				25	26	22	27	28	29	16	5	27	22						227	7月下旬	7月上旬 ~7月下旬	
AVERAGE				6.25	6.5	4.4	6.75	7	7.25	4	1.25	6.75	5.5						56.75	13%	37%		
26 SHIBETSU	1970							253	109	82	10	3			6	74				537			FISHING SEASON
	1971				136	465	217	221	205	115	56	197	175	40						1,827			EARLY TO JUNE TO
	1972						216	301	466	275	258	50	124	170	90				1,950			MIDDLE JUNE TO	
	1973					930	427	340	186	144	166	140	48	110	282				2,773	EARLY JULY	EARLY AUGUST	6月上旬 ~9月下旬 LATE SEPTEMBER	
	1974						572	336	375	280	548	9	135						2,255	JULY			
	TOTAL				136	1,395	1,432	1,451	1,341	896	1,038	389	482	320	378	74				9,342	7月上旬	6月中旬 ~8月上旬	
AVERAGE				27.2	279	286.4	290.2	268.2	179.2	207.6	79.8	96.4	64	75.6	14.8				1,868.4	16%	81%		
26 SHIBETSU (LINE 31)	1970							32	164	214	31	97	20	157	11					726			FISHING SEASON
	1971																						EARLY TO JUNE TO
	1972																						EARLY TO JUNE TO
	1973																						7月上旬 ~9月中旬 MIDDLE SEPTEMBER
	1974																						
	TOTAL							32	164	214	31	97	20	157	11					726	7月上旬	7月中旬 ~7月下旬	
AVERAGE							6.4	32.8	42.8	6.2	19.4	4	31.4	2.2					145.2	29%	51%		

NEMURO MARITIME REGION (CHERRY SALMON)

根 室 海 区 (サ ク ラ マ ス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
26 SHIBETSU (TOTAL)	1970							255	273	296	41	100	20	157	17	74				1,263			FISHING
	1971				136	465	217	221	205	115	56	197	175	40						1,827			SEASON
	1972						216	301	466	275	258	50	124	170	90					1,950	MIDDLE JUNE	MIDDLE JUNE TO EARLY AUGUST	EARLY JUNE TO LATE SEPTEMBER
	1973					930	427	310	186	144	166	140	48	110	282					2,773			6月上旬 ~9月上旬
	1974						572	336	375	280	518	9	135							2,255			LATE SEPTEMBER
	TOTAL				136	1,395	1,432	1,483	1,505	1,110	1,069	496	502	477	389	74				10,068	7月中旬	6月中旬 ~8月上旬	
	AVERAGE				27.2	279	286.4	296.6	301	222	213.8	99.2	100.4	95.4	77.8	14.8				2,013.6	15%	79%	
28 TORORO	1970			28	14	12	6		22	8			5	20						125			FISHING
	1971				16									21	9					46			SEASON
	1972						61	14	2											77	LATE JUNE	LATE MAY TO LATE JUNE	LATE MAY TO 漁期
	1973			80	46	23	31	10	2		8	6	3							209			5月下旬 ~9月中旬
	1974			80	19	18	5	5	5	3				3						138			MIDDLE SEPTEMBER
	TOTAL			198	95	53	103	29	31	11	8	6	8	44	9					595	6月下旬	5月下旬 ~6月下旬	
	AVERAGE			39.6	19	10.6	20.6	5.8	6.2	2.2	1.6	1.2	1.6	8.8	1.8					119	17%	75%	
31 SHUNBETSU	1970				11	17	14	11	17	20					10					100			FISHING
	1971				8	10	5	3	11	4	1		3		16					61			SEASON
	1972						14	10	8	10										42	EARLY JUNE	LATE MAY TO MIDDLE JUNE	LATE MAY TO 漁期
	1973			8	18	12	12	4	2		7									63			5月下旬 ~9月中旬
	1974			69	55	11	5		1						8					149			MIDDLE SEPTEMBER
	TOTAL			77	92	64	46	26	41	24	8		3		34					415	6月上旬	5月下旬 ~6月中旬	
	AVERAGE			15.4	18.4	12.8	9.2	5.2	8.2	4.8	1.6		0.6		6.8	1				83	22%	54%	
32 TOKOTAN	1970				6		7	3	49					6						71			FISHING
	1971				5	3	2			45				3	6					64			SEASON
	1972						10	17	7											34	MIDDLE JULY	EARLY JUNE TO LATE JULY	EARLY JUNE TO 漁期
	1973				5	24	7	3			5	2	2	11	3					62			6月上旬 ~9月下旬
	1974			27	3						14					6				50			LATE SEPTEMBER
	TOTAL			43	30	26		23	56	45	19	2	2	20	9	6				281	7月中旬	6月上旬 ~7月下旬	
	AVERAGE			8.6	6	5.2		4.6	11.2	9	3.8	0.4	0.4	4	1.8	1.2				56.2	20%	77%	

NEMURO MARITIME REGION (CHERRY SALMON)

根 室 海 区 (サ ク ラ マ ス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
34 NISHIBETSU	1970							37	52	6		61								156			FISHING SEASON EARLY JULY TO 魚 明 MIDDLE JULY TO 7月上旬 EARLY AUGUST 7月中旬 LATE AUGUST 8月上旬 SEPTEMBER 7月中旬 ~8月上旬 61%
	1971								13	16		6								35			
	1972											308	154	98		117	18			695			
	1973							283	179	194		307				86	40			1,194			
	1974								213	105		301					95			714			
	TOTAL							320	457	321		922	215	203		203	153			2,791	8月上旬	7月中旬 ~8月上旬	
	AVERAGE							64	91.4	64.2		184.4	43	40.6		40.6	30.6			558.8	33%		
36 YAUSHIBETSU	1970					213	140	190	83	11										649			FISHING SEASON EARLY JUNE TO 魚 期 MIDDLE JUNE TO 6月上旬 MIDDLE JULY 9月中旬 SEPTEMBER 6月中旬 ~7月中旬 92%
	1971						14	18	104	1	2									140			
	1972					65	25	11		2										103			
	1973					113	34	13	4	6	14	2								186			
	1974					38	42	9	23											112			
	TOTAL					38	433	222	255	191	20	16	2	4	8	1				1,190	6月中旬	6月中旬 ~7月中旬	
	AVERAGE					7.6	86.6	44.4	51	38.2	4	3.2	0.4	0.8	1.6	0.2				238	36%		
37 FUREN	1970					50	197	143	42	18	6	2			4	16				478			FISHING SEASON EARLY JUNE TO 魚 明 MIDDLE JUNE TO 6月上旬 MIDDLE JULY 10月上旬 EARLY OCTOBER 6月中旬 ~7月中旬 85%
	1971						120	84	103	12		3	6	21	4		8			361			
	1972					204	49	89	17	13					13	71				456			
	1973					331	215	108	30	52										736			
	1974					116	380	86	26	23	16	1								660			
	TOTAL					116	965	667	450	215	111	18	6	21	21	87	8			2,691	6月中旬	6月中旬 ~7月中旬	
	AVERAGE					23.2	193	133.4	90	43	22.2	3.6	1.2	1.2	4.2	4.2	17.4	1.6		538.2	36%		
39 BETTOGA	1970														381	79				460			FISHING SEASON MIDDLE SEPTEMBER TO 魚 明 MIDDLE TO LATE SEPTEMBER 9月中旬 TO EARLY OCTOBER 9月中旬 ~9月下旬 96%
	1971														140	10	10			160			
	1972														430	563				993			
	1973														275	155				430			
	1974														906	176	104			1,186			
	TOTAL														2,132	983	114			3,229	9月中旬	9月中旬 ~9月下旬	
	AVERAGE														426.4	196.6	22.8			645.8	66%		

ERIMO WEST MARITIME REGION (CHERRY SALMON)

襟裳以西海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
41 NIKARETSU	1970													3						3	EARLY SEPTEMBER TO EARLY OCTOBER	7月上旬 ~10月上旬	FISHING SEASON EARLY JUNE TO OCTOBER
	1971							4												4			
	1972																						
	1973																						
	1974															2	3			5			
	TOTAL							4						3		2	3			12	9月上旬 ~10月上旬	9月上旬 ~10月上旬	
AVERAGE							1.3						1		0.6	1			3	~25%	67%		
44 SHIRAOI	1970																				LATE SEPTEMBER TO LATE SEPTEMBER	9月下旬 ~9月下旬	FISHING SEASON MIDDLE AUGUST 2nd WEEK TO LATE SEPTEMBER
	1971																						
	1972																						
	1973										1		2				8			3			
	1974																			8			
	TOTAL											1		2			8			11	9月下旬 ~9月下旬	9月下旬 ~9月下旬	
AVERAGE											0.5		1			4			5.5	73%	73%		
SHIRIKISHINAI	1970																				EARLY TO MIDDLE OCTOBER	10月上旬 ~10月中旬	FISHING SEASON EARLY OCTOBER 2nd WEEK TO LATE OCTOBER
	1971																						
	1972																	8	2	10			
	1973																						
	1974																70	29	2	101			
	TOTAL																	70	37	4	111	10月上旬 ~10月中旬	
AVERAGE																	35	18.5	2	55.5	63%	96%	
SHIODOMARI	1970														7	6	12	27	3	59	LATE SEPTEMBER TO EARLY OCTOBER	9月上旬 ~10月上旬	FISHING SEASON EARLY SEPTEMBER 2nd WEEK TO LATE OCTOBER
	1971															10		9		19			
	1972																						
	1973															78	32	15		125			
	1974												2	18	215	61	5			301			
	TOTAL												2	25	309	105	56	3		500	9月下旬 ~10月中旬	9月上旬 ~10月中旬	
AVERAGE												0.5	6.25	77.25	26.25	14	0.75		125	61%	93%		

JAPAN SEA MARITIME REGION (CHERRY SALMON)

日本海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE				
MESUORO	1970				55	23	3													81			FISHING SEASON EARLY JUNE TO
	1971																						漁期
	1972										12	1								13			LATE JULY TO LATE
	1973						9		6	22	24									61			6月上旬 ~ 8月下旬
	1974												65							65			LATE AUGUST
5 MESUORO	TOTAL				55	23	12		6	22	24	12	66							220	8月下旬	7月下旬 ~ 8月下旬	LATE AUGUST
	AVERAGE				18.75	5.75	3		1.25	5.5	6	3	16.5							55	30%	55%	
13 TESHIO (MIDDLE)	1970																						FISHING SEASON MIDDLE JULY TO
	1971								36			6	34	33	24					133			漁期
	1972																						LATE JULY TO LATE
	1973								6	184	68	18								276			7月中旬 ~ 9月下旬
	1974										2	2	32	16	11	9				72			LATE SEPTEMBER
13 TESHIO (MIDDLE)	TOTAL								42	184	70	26	66	49	35	9				481	7月下旬	7月下旬 ~ 8月下旬	
	AVERAGE								10.5	46	17.5	6.5	16.5	12.25	8.75	2.25				92.2	38%	71%	
13 TESHIO (LOWER MIDDLE)	1970																						FISHING SEASON MIDDLE JULY TO
	1971																						漁期
	1972													18	22	20				60			MIDDLE TO LATE
	1973								1	3	1	1			3	8				17			7月中旬 ~ 9月下旬
	1974																						LATE SEPTEMBER
13 TESHIO (LOWER MIDDLE)	TOTAL								1	3	1	1		18	25	28				77	9月下旬	9月中旬 ~ 9月下旬	
	AVERAGE								0.25	0.75	0.25	0.25		4.5	6.25	7				19.25	33%	67%	
13 TESHIO (TOTAL)	1970																						FISHING SEASON MIDDLE JULY TO
	1971								36			6	34	33	24					133			漁期
	1972													18	22	20				60			LATE JULY TO EARLY
	1973								7	187	69	19				8				293			7月中旬 ~ 9月下旬
	1974										2	2	32	16	14	9				72			LATE SEPTEMBER
13 TESHIO (TOTAL)	TOTAL								43	187	71	27	66	67	60	37				558	7月下旬	7月上旬 ~ 9月上旬	
	AVERAGE								10.75	46.75	17.75	6.75	16.5	16.75	15	9.25				139.5	33%	71%	

JAPAN SEA MARITIME REGION (CHERRY SALMON)

日本海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
19 EMBETSU	1970				7	9	1	10			6	4	1							38			FISHING SEASON EARLY JUNE TO 魚期 6月上旬 ~8月下旬 LATE OCTOBER
	1971						3	4	2	5										14			
	1972				1	3	4	5		2										15			
	1973				7	3		16			2		1							29			
	1974						16													16			
	TOTAL				15	15	24	35	2	7	8	4	2							112	7月上旬	6月上旬 ~7月上旬	
85 FURENBETSU	1970																						FISHING SEASON EARLY AUGUST 魚期 8月上旬 ~9月上旬 TO EARLY SEPTEMBER
	1971																						
	1972																						
	1973										1									1	EARLY AUGUST TO EARLY SEPTEMBER		
	1974													1						1	EARLY AUGUST		
	TOTAL										1			1						2	8月上旬 ~9月上旬	8月上旬 ~9月上旬	
48 HOBUSHA	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~10月上旬 EARLY OCTOBER
	1971	27	8	6	12	9	1	1	5					1						70			
	1972	10	17	29	35	14		3	6	1	10	4								129		LATE MAY TO MID-JUNE	
	1973	26	17	54	49	18	14	7	3	3	12						1			204			
	1974	5	2	18	14	20	8		9	5	5									86	EARLY JUNE		
	TOTAL	68	44	107	110	61	23	11	23	9	27	4		1			1			489	6月上旬	5月下旬 ~6月中旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		
	TOTAL	1		13	63	46	35	18	131	105	55	18		1						486	7月中旬	7月中旬 ~7月下旬	
51 SHOKANBETSU	1970																						FISHING SEASON EARLY MAY TO 魚期 5月上旬 ~9月上旬 EARLY SEPTEMBER
	1971																						
	1972																						
	1973	1		8	36	30	22	15	60	65	38	14		1						290	MIDDLE JULY		
	1974			5	27	16	13	3	71	40	17	4								196	MIDDLE JULY		

JAPAN SEA MARITIME REGION (CHERRY SALMON)

日本海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
67 ISHIKARI	1970													1	6					7			FISHING SEASON MIDDLE JULY
	1971												12	40	33	60				145			MIDDLE JULY
	1972												5	10	46	8				69			MIDDLE JULY
	1973								6	5	26	37	5	9	38	71				197			MIDDLE TO LATE SEPTEMBER
	1974													13	94	22	6			135			MIDDLE TO EARLY OCTOBER
	TOTAL								6	5	26	37	22	73	217	161	6			553	9月中旬	9月中旬 ~ 9月下旬	
67 ISHIKARI	AVERAGE								1.2	1	5.2	7.4	4.4	14.6	43.3	32.2	1.2			110.6	39%	69%	
	1970												6	19	19	13				57			FISHING SEASON LATE
	1971												1	2						3			LATE AUGUST
	1972																						EARLY TO MIDDLE SEPTEMBER
	1973																						EARLY TO LATE SEPTEMBER
	1974																						EARLY TO LATE SEPTEMBER
67 ISHIKARI (TOTAL)	TOTAL												7	21	19	13				60	9月上旬	9月上旬 ~ 9月中旬	
	AVERAGE												1.4	4.2	3.8	2.6				12	33%	67%	
	1970												6	20	25	13				64			FISHING SEASON MIDDLE
	1971												13	42	33	60				148			MIDDLE JULY TO
	1972												5	10	46	8				69			EARLY TO LATE SEPTEMBER
	1973								6	5	26	37	5	9	38	71				197			MIDDLE TO EARLY OCTOBER
67 ISHIKARI (TOTAL)	1974													13	94	22	6			135			EARLY TO LATE SEPTEMBER
	TOTAL								6	5	26	37	29	94	236	174	6			613	9月中旬	9月上旬 ~ 9月下旬	
	AVERAGE								1.2	1	5.2	7.4	5.8	18.8	47.2	34.8	1.2			122.6	39%	83%	
	1970																						FISHING SEASON LATE
	1971														11	7		1		19			LATE JULY TO
	1972																						EARLY TO LATE SEPTEMBER
76 YOTCHI	1973									4	19									23			EARLY TO LATE SEPTEMBER
	1974																						EARLY TO LATE SEPTEMBER
	TOTAL									4	19					11	7		1	42	8月上旬	7月下旬 ~ 8月上旬	
	AVERAGE									2	9.5					5.5	3.5		0.5	21	38%	50%	

JAPAN SEA MARITIME REGION (CHERRY SALMON)

日本海区 (サクラマス)

RIVER	YEAR	MAY			JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
SHIRISETSU	1970								8	7		34	6	286	85	80	9			515			FISHING SEASON MIDDLE JULY TO EARLY OCTOBER
	1971													92	14	355	5			466			
	1972												55	114	1,317	379	5			1,870	EARLY TO LATE		
	1973											13	50	230	318	389	84			1,084	MIDDLE SEPTEMBER	7月中旬 ~10月上旬	
	1974												3	33	296	529	27			888	SEPTEMBER	9月上旬 ~9月下旬	
	TOTAL								8	7		47	114	755	2,030	1,732	130			4,823	9月中旬	9月上旬 ~9月下旬	
SHUBUTO	1970															17				17			FISHING SEASON LATE JULY TO EARLY OCTOBER
	1971																						
	1972										6	2	4	8	15	6				41	MIDDLE TO LATE	7月下旬 ~10月上旬	
	1973																			79	LATE SEPTEMBER		
	1974																						
	TOTAL																			137	9月下旬	9月中旬 ~9月下旬	
SHUBUTO	AVERAGE																			45.7	59%	70%	

THE QUANTITY OF FISH CAUGHT OFF-SHORE IN EACH THIRD OF THE MONTH, BY MARITIME REGIONS (1970 TO 1974).

CHUM SALMON

シロサケ

海区域別、旬別沿岸漁獲量(昭和45年度～49年度)

YEAR	MARITIME REGION	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTAL	PROPORTIONS	
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK	RUN
1970	OKHOTSK.	1,224	15,719	64,956	87,312	181,886	336,404	328,373	216,863	46,962	151	3		1,362,500		
1971	"	2,867	46,698	164,277	242,511	546,477	646,064	544,714	425,719	15,774	2,870			2,690,830		
1972	"	879	21,866	142,775	242,941	704,316	991,904	654,386	235,608	7,242				3,248,763		
1973	"	922	16,819	115,131	256,505	379,823	895,448	812,980	500,364	90,014				3,079,848		
1974	"	2,507	46,859	213,075	243,496	298,804	807,269	806,431	532,15	25,05	150			2,741,291		
	TOTAL	8,399	147,961	700,214	829,824	2,111,306	3,677,089	3,146,884	1,431,769	162,497	3,171	3		13,123,232		
	AVERAGE	1,679	29,592	140,042	165,964	422,261	735,417	629,376	286,353	32,499	1,057	3		2,624,646		
1970	NEMURO	29,175	85,632	155,318	153,385	320,062	551,761	362,102	261,197	56,010	1,276			1,923,800		
1971	"	11,941	104,230	212,948	241,976	418,481	520,078	431,948	279,848	91,415	5,285	6,426		2,333,765		
1972	"	12,565	72,517	248,054	139,273	234,356	360,967	226,154	218,367	45,360				1,684,133		
1973	"	19,645	64,550	191,398	290,949	557,709	712,446	279,992	183,783	30,225				2,318,115		
1974	"	62,461	189,040	337,218	383,101	498,902	1,084,741	856,247	386,614	29,898				3,697,643		
	TOTAL	135,787	515,969	1,144,936	1,208,684	2,029,510	3,229,993	2,156,443	1,329,809	252,908	6,561	6,426		11,957,756		
	AVERAGE	27,157	103,193	228,987	241,736	405,902	645,998	431,288	265,961	50,581	3,280	6,426		2,391,551		
1970	ERIMO EAST	19,039	174,916	440,041	164,255	63,707	50,707	57,03	2,053	358				1,142,900		
1971	"	21,549	125,476	396,036	359,166	246,093	58,440	6,852	2,658	95				1,322,918		
1972	"	81,278	157,909	307,183	165,666	44,891	53,796	3,798	1,056	17				1,063,361		
1973	"	20,843	104,584	390,416	263,629	73,343	32,998	26,689	9,662	1,692	408			1,684,203		
1974	"	82,775	423,380	804,542	286,872	110,409	141,531	74,483	11,705	4,444				2,076,013		
	TOTAL	225,484	986,265	2,338,218	1,239,588	538,443	337,472	117,525	27,134	6,606	408			7,309,425		
	AVERAGE	45,096	197,253	467,643	247,917	107,688	67,494	23,505	5,426	1,321	408			1,461,885		
1970	ERIMO WEST	28	54	333	1,904	11,111	427,28	13,655	6,149	7,894	499	5		212,600		
1971	"	929	6,512	101,610	23,072	22,705	143,935	38,293	16,045	403,40	748	30		411,105		
1972	"	2,564	6,579	23,544	26,811	30,906	81,441	54,956	26,892	34,160	1,223	54		305,580		
1973	"	2,372	15,265	82,442	45,205	45,077	167,736	65,375	24,226	146,655	12,186			618,916		
1974	"	275	9,037	33,319	43,175	38,773	87,248	67,733	58,348	668,21	3,017	188		499,650		
	TOTAL	6,068	37,447	241,248	140,167	148,572	523,088	240,012	131,660	295,870	17,673	277		2,077,851		
	AVERAGE	1,213	7,489	48,249	28,033	29,714	104,617	48,002	26,332	59,174	3,534	69		415,570		

YEAR	MARITIME REGION	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTAL	PROPORTION	
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK	RUN
1970	JAPAN SEA	288		3,341			1,381			10				9,400		
1971	"			3,067			6,282			53			15	17,804		
1972	"													21,095		
1973	"			4,316			5,650							22,241		
1974	"			483			717			365				11,666		
	TOTAL	288		11,207			14,030			428			15	82,206		
	AVERAGE	288		2,801			3,507			142			15	16,441		
1970	HOKKAIDO	49,754	276,321	663,989	406,856	576,766	982,981	709,833	486,262	111,234	1,926	8		4,651,200		
1971	"	37,286	282,916	877,938	866,725	1,233,756	1,374,799	1,021,807	724,270	147,677	8,903	6,456		6,806,452		
1972	"	97,286	258,871	721,556	574,691	1,014,469	1,488,108	939,294	481,923	86,779	1,223	54	4	6,342,932		
1973	"	43,682	201,218	783,703	856,288	1,049,648	1,814,278	1,185,036	718,035	268,586	12,594			7,723,623		
1974	"	148,018	668,316	1,388,637	956,644	946,888	2,121,506	1,804,894	509,882	103,668	3,167	188		9,026,263		
	TOTAL	376,026	1,687,642	4,435,823	3,661,204	4,821,527	7,781,672	5,660,864	2,920,372	717,944	27,813	6,706		34,550,470		
	AVERAGE	75,205	337,528	887,164	732,240	964,305	1,556,334	1,132,172	584,074	143,588	5,562	1,676		6,910,094		

② 旬別集計と年度集計との間の誤差は総計のみを報告される組合があるためである。
旬別集計の不明確なものについては各月の下旬に算入してある。

DIFFERENCES BETWEEN THE TOTALS FOR THE THIRDS OF THE MONTHS AND FOR THE WHOLE YEAR OCCUR BECAUSE SOME ASSOCIATIONS REPORT ONLY THE GROSS YEARLY TOTALS.

QUANTITIES REGARDING WHICH THE APPROPRIATE THIRD OF THE MONTH IS UNCERTAIN ARE INCLUDED IN THE LAST THIRD.

THE QUANTITY OF FISH CAUGHT EACH YEAR IN THE OKHOTSK MARITIME REGION

オホーツク海区年度別漁獲量

(UNITS: 1000 FISH)
(単位: 1,000匹)

ASSOCIATION	S40 (1965)	S41 (1966)	S42 (1967)	S43 (1968)	S44 (1969)	S45 (1970)	S46 (1971)	S47 (1972)	S48 (1973)	S49 (1974)
UTORO					212.7	360.7	852.1	804.0	704.7	808.0
SHANI	638.6	582.4	710.1	441.3	237.5	368.5	770.7	1,057.9	735.4	941.7
ARASHINI	229.6	526.4	386.7	175.2	450.0	285.7	644.1	823.6	925.3	1,491.1
SUBTOTAL	868.2	1,108.8	1,096.8	616.5	900.2	1,014.9	2,267.0	2,685.5	2,365.4	2,198.8
TOKORO	84.6	190.5	86.8	60.9	185.4	131.7	160.1	214.3	313.1	130.7
SAROMA	8.6	19.9	7.7	4.8	10.0	11.8	10.3	15.9	12.5	10.1
YUBETSU	37.6	76.1	25.8	25.3	59.3	59.8	50.7	68.3	63.3	59.7
SUBTOTAL	130.8	286.5	120.3	91.0	254.7	203.3	221.1	298.5	388.9	200.5
MOBETSU	25.5	35.8	12.0	5.0	22.0	19.2	23.4	27.3	35.8	32.8
SARURU	9.4	13.1	7.3	5.8	15.0	15.0	15.5	14.4	29.9	42.2
OMU	14.2	19.3	14.1	10.8	38.5	33.1	41.4	51.9	111.4	103.6
SUBTOTAL	49.1	68.2	33.4	21.6	75.5	67.3	80.3	93.6	177.1	178.6
ESASHI		13.2	24.6	13.1	44.5	42.9	79.7	121.2	104.8	113.8
MOBETSU	28.1	22.7	22.2	13.2	24.1	20.0	22.4	29.7	23.7	24.2
SARUFUTSU		20.0	16.5	12.5	20.0	12.4	18.5	20.3	19.2	25.2
SOYA		5.1	3.0	0.7	2.0	1.6	1.8	-	0.7	0.1
SUBTOTAL	28.1	61.0	66.3	39.5	90.6	76.9	122.4	171.2	148.4	163.6
OFFSHORE TOTAL	1,076.2	1,524.5	1,316.8	768.6	1,321.0	1,362.5	2,690.8	3,218.8	3,079.8	2,711.3
RIVER TOTAL	251	705.27	47.9	32.6	176.5	221.3	123.3	215.0	155.5	118.7
OVERALL TOTAL	1,101.3	1,595.0	1,364.8	801.2	1,497.5	1,583.8	2,814.1	3,433.8	3,235.3	2,830.0

QUANTITY OF FISH CAUGHT IN THE NEMURO MARITIME REGION

根室海区年度別漁獲量

(UNITS: 1000 FISH)

(単位1,000尾)

ASSOCIATION	S40 (1965)	S41 (1966)	S42 (1967)	S43 (1968)	S44 (1969)	S45 (1970)	S46 (1971)	S47 (1972)	S48 (1973)	S49 (1974)
RAUSU	297.8	189.8	355.5	225.8	430.2	756.4	824.8	632.9	630.0	1934.1
SHIBETSU	589.2	339.4	683.9	201.5	155.6	630.5	842.6	675.0	1,003.4	1,080.4
SUBTOTAL	887.0	529.2	1,039.4	427.3	585.8	1,386.9	1,667.4	1,307.9	1,633.4	3,014.5
NOTSUKE			166.6	69.0	151.1	261.4	308.4	131.2	295.5	308.5
BEKKAI	215.6	129.0	73.5	32.8	181.0	149.8	139.5	62.3	177.7	132.6
SUBTOTAL	215.6	129.0	240.1	101.8	332.1	411.2	447.9	193.5	473.2	441.1
NEMURO BAY			57.8	20.8	16.4	26.7	37.2	20.7	22.1	21.2
NEMURO CITY	81.5	54.7	97.7	11.6	30.1	46.8	111.0	62.0	99.5	84.5
HABOMAI	23.1		5.4		34.8	52.2	70.3	100.0	90.2	136.0
SUBTOTAL	104.6	54.7	160.9	32.4	81.3	152.7	218.5	182.7	211.8	241.7
OFFSHORE TOTAL	1,207.2	712.9	1,440.4	561.5	999.2	1,923.8	2,333.8	1,684.1	2,318.4	3,697.6
RIVER TOTAL	161.9	137.6	162.6	86.4	189.0	113.4	149.2	96.4	128.1	120.0
GRAND TOTAL	1,369.1	850.5	1,603.0	647.9	1,188.2	2,037.2	2,483.0	1,780.5	2,446.5	3,817.7

QUANTITY OF FISH CAUGHT ANNUALLY IN THE ERIMO EAST REGION

エリモ以東海区年度別漁獲量

(UNITS: 1000)
(単位1,000尾)

ASSOCIATION	S40 (1965)	S41 (1966)	S42 (1967)	S43 (1968)	S44 (1969)	S45 (1970)	S46 (1971)	S47 (1972)	S48 (1973)	S49 (1974)
HABOMAI		27.7			34.8	52.2	70.0	112.1	90.0	130.0
OCHIISHI	17.5	5.6					27.0	44.9	44.7	108.8
CHIRIPPU				11.7	16.8	27.1	28.5	35.4	29.3	47.5
HAMANAKA	41.5	22.8	24.5	13.3	13.8	29.0	41.3	51.9	34.3	73.2
AKKESHI	32.6	5.2	38.5	16.7	15.7	17.9	18.5	32.4	22.0	42.2
SUBTOTAL	91.6	61.3	63.0	41.7	81.1	126.2	185.3	276.7	220.3	401.7
KOMSUMORI	57.0	25.0	68.2	30.2	53.8	62.6	101.6	77.4	93.1	121.0
EAST KUSHIRO					17.0	21.3	32.8	39.2	80.0	103.5
KUSHIRO	133.6	65.9	139.8	38.9	29.4	42.9	79.5	49.1	162.5	107.8
SHIRANUKA	271.4	118.3	153.5	51.3	102.3	157.4	117.4	174.0	293.7	341.9
SUBTOTAL				120.4	202.5		331.3	339.7	629.3	674.2
OTSU	338.8	175.7								
URAKORO	389.4	220.4	319.9	132.3	455.6	551.8	545.1	301.8	457.0	538.8
TOYONI										
TAIKI	59.9	69.8	40.4	18.9	122.2	112.6	115.7	63.7	128.1	149.4
HIRDO	23.2	29.1	17.8	15.7	54.0	30.5	39.7	36.5	110.0	145.1
SHOYA					52.7	36.9		50.9	99.0	137.7
HOROIZUMI					9.2		105.8	14.1	40.5	28.6
SUBTOTAL	83.1	98.9	58.2	34.6	238.1	170.0	261.2	165.2	377.6	460.8
OFFSHORE TOTAL	136.49	765.5	802.6	329.0	977.3	1,142.9	1,322.9	1,083.4	1,684.2	2,076.0
RIVER TOTAL	596.4	154.1	353.5	85.0	191.1	262.2	523.0	234.9	235.3	276.9
GRAND TOTAL	1,961.2	919.7	1,156.1	414.0	1,168.4	1,405.1	1,845.9	1,318.3	1,919.5	2,352.9

QUANTITY OF FISH CAUGHT ANNUALLY IN THE ERIMO WEST MARITIME REGION.

(UNITS: 1000 FISH)

ASSOCIATION	S40 (1965)	S41 (1966)	S42 (1967)	S43 (1968)	S44 (1969)	S45 (1970)	S46 (1971)	S47 (1972)	S48 (1973)	S49 (1974)
HOROZUMI (FUYOSHIMA)	68.6	85.3	96.8	85.4	83.5	43.2	160.9	47.5	129.9	79.0
SAMANO	41.6	45.7	37.2	25.3	26.9	19.8	21.5	7.2	25.4	35.0
URAKAWA	28.3	41.5	30.7	20.0	27.1	14.8	26.2	24.4	46.1	45.5
OGIFU					16.1	26.2	28.4	15.2	46.3	37.7
MITSUISHO	26.4	33.3	21.9	12.6	14.1	10.2	12.2	18.8	36.7	26.4
SHIZUNO	16.3	29.5	22.1	10.3	5.7	4.8	22.2	24.4	29.2	22.1
NIKAPPU	10.2	22.5	20.2	11.9	15.7	11.8	17.5	17.7	20.3	23.8
MOHBETSU	2.1	2.8	5.9	2.2	1.6				26.8	21.7
SUBTOTAL	193.5	260.6	234.8	167.7	210.5	143.3	335.0	172.7	19	291.4
MUKAWA	0.2	0.6	1.0	0.4	0.4	0.1	0.6	0.8	0.3	0.4
ATSUMA	0.1	0.2	0.6	0.2						
TOMAKOMAI	7.5	11.0	6.5	4.0	3.6	2.1	5.4	7.3	9.7	9.1
SHERO	7.4	7.0	3.3	2.2	3.3	0.6	3.8	0.5	7.5	7.1
(TORATSUEHAMA) MURORAN/ NOBORIBETSU	0.1	22.4	0.4	0.2						
SUBTOTAL	15.3	41.2	11.8	7.0	7.3	2.8	9.8	8.6	17.5	16.7
DATE	3.0	0.9	0.3	0.5	1.5		0.7	0.4	1.8	0.1
ABUTA	0.4	0.2	0.1	0.15						
TOYODURA	6.1	3.8	1.4	1.9	6.4	1.3	2.3	3.6	8.3	2.7
OSHAMAMBE	14.9	10.4	5.4	4.0	10.6	8.5	11.0	15.8	23.5	12.4
YAKUMO	11.1	8.7	7.1	4.6	10.2	11.6	6.9	15.9	22.8	10.7
OTOSHIBE					0.2	0.2	0.1	0.2	0.9	0.8
MORI	35.5	0.2	0.7	0.2			0.2	0.1	2.5	0.4
SUBTOTAL	0.2	24.2	15.0	11.3	28.9	21.6	21.2	36.0	59.8	26.0
SAWARA	5.0				0.2		0.4	0.1	1.0	2.5
SHIKABE		13.5	5.2	4.3	5.8	4.5	3.0	6.6	13.0	9.0
OFUNE					1.3	0.5	0.4	1.1	2.0	3.9

QUANTITY OF FISH CAUGHT ANNUALLY IN THE ERIMO WEST MARITIME REGION

エリモ以西海区年度別漁獲量

SHIRASHIRI					1.9	1.0	3.0	1.7	11.0	1.1
YASUURA					0.2	0.2	0.1	0.5	1.2	1.1
KAWAKUMI	6.0	26.4	14.3	9.0	0.9	0.5	1.4	2.0	6.9	3.5
OSAPPE					4.1	4.1	4.7	8.7	12.6	6.8
KINAO					7.3	4.3	10.3	14.3	18.4	13.3
KIDANHOKE					0.1		0.1	0.1	0.5	0.3
SUBTOTAL	11.2	39.9	19.5	13.3	21.8	15.1	23.4	35.1	66.6	42.1
HAKODATE										
KAMIIISO	17.1	27.2	16.6	10.2	7.2	12.1	18.8	25.9	49.4	49.3
(MOOICHI)					6.1	17.1	28.3	21.6	51.8	55.0
ISHIBETSU					0.3		4.2	2.6	5.4	9.2
KIKONAI	0.3	0.8	4.4	0.5	0.3			2.7	4.8	8.9
MATSUMAE										
SHIRIUCHI	0.4				0.1		0.4	0.3	1.0	0.5
SUBTOTAL				10.7	14.0		51.7	53.1	112.4	123.2
OFFSHORE TOTAL	273.3	371.9	301.5	210.0	282.5	212.6	441.1	305.5	618.9	499.6
RIVER TOTAL	9.7	17.8	15.6	14.6	12.3	23.2	32.9	37.1	58.7	62.7
GRAND TOTAL	283.0	389.6	317.1	224.6	294.8	235.8	474.0	342.6	677.6	562.4
KOBUS										0.02
EAST TOI										0.13

QUANTITY OF FISH CAUGHT IN THE JAPAN SEA REGION.

日本海区年度別漁獲量

(UNITS: 1000 FISH)

(平均1,000匹)

ASSOCIATIONS	S10 (1965)	S41 (1966)	S12 (1967)	S43 (1968)	S44 (1969)	S45 (1970)	S16 (1971)	S47 (1972)	S48 (1973)	S19 (1974)
NAKKANA (INCLUDING SOYA)	10.1	3.4	7.1	8.5	4.0					
TOYATOME			8.2	4.0	0.1	0.1	1.6		1.2	0.3
TESHIO	3.2	6.6	16.8	13.0	0.9	0.5	1.9	3.9	0.4	0.9
EMBETSU		0.3	0.2	0.2		0.1	0.2	0.2	0.3	0.08
HABORO										
TOMAMAE							0.5	0.2	0.2	0.02
JOIRA, JUNO, SHOSAMBETSU, MASHIKE	0.1	0.2					0.2	0.4	0.8	0.3
	0.1	0.8	0.4	0.3			0.3	2.8	1.3	0.4
SUBTOTAL	13.7	11.3	32.7	26.0	5.0	0.7	4.8	7.5	4.2	2.1
HAMAMASU	0.1	0.2	1.7	0.4		0.3		0.3	0.5	0.1
ATSUTA	1.8		3.3	1.4		2.6	1.4	0.9	3.0	1.1
ISHIKARI	4.5	18.9	6.7	4.5			3.5	2.7	5.1	0.7
OTARU	0.9	1.2	1.0	0.1					1.1	0.2
MOICHI	0.1	0.2	0.1	0.1		0.4	1.9	1.2	0.7	0.7
SUBTOTAL	7.4	20.5	12.8	6.5	7.0	3.3	6.8	5.1	10.4	2.9
TOMARA										
IWANAE	0.2	0.5	0.1							
SUTTSU	0.3	0.7	0.4				4.0	1.8	1.2	1.0
ESASHI	0.1	0.1	0.6	0.1		1.3	2.2	6.7	8.5	5.5
SHIMAMAKI		0.1								
SUBTOTAL	0.6	1.4	1.2	0.1	3.0	1.3	6.2	8.5	7.7	6.5
OFFSHORE	21.7	33.2	46.7	32.6	15.0	9.4	17.8	21.1	22.3	11.6
RIVER	12.7	15.9	12.3	17.1	8.9	6.6	16.9	30.8	19.3	22.2
GRAND TOTAL	34.5	49.1	59.0	49.7	23.9	16.0	34.7	51.9	41.6	33.9

THE OFF-SHORE CATCH OF PINK SALMON

からふとます沿洋漁獲

	ASSOCIATION	1969	1970	1971	1972	1973	1974	1975
		S 44	S 45	S 46	S 47	S 48	S 49	S 50
OCHOTER	UTORO	220,824	76,197	443,203	125,857	497,824		
	SHARI	188,122	62,896	363,749	103,573	380,549		
	ABASHIRI	(100,000)	24,061	414,599	57,799	327,747		
	TOKORO	50,993	19,411	205,722	19,635	(200,000)		
	SAROMA				6,171	475		
	YUBETSU	23,870	21,996	(100,000)	20,079	92,327		
	MOBETSU	13,755	10,442	95,034	9,304	(100,000)		
	SARURU	(100,000)		73,144	6,012	(50,000)		
	CHU	8,177	9,856	85,020	5,152	35,800		
	ESASHI	(150,000)		23,999		3,236		
	TOBETSU	(14,000)		31,316		2,854		
	SOYA			99,141		7,258		
	SARIFUT	(20,000)		140,587				
	TOTAL	680,741 882,28 768,969	224,859	2,075,515	沿岸 353,582 河川 35,103 計	1,698,070	OFFSHORE RIVER TOTAL	
NEMURO	RAUSU	73,111	26,980	186,026	51,908	131,119		
	SHIBETSU	68,821	49,032	143,899	39,690	111,250		
	NOTSUKE	22,041	7,485	32,725	12,897	52,111		
	BEKKAI	2,279	4,127	8,739	5,429	12,040		
	NEMURO BAY	2,082	2,889	13,018	5,905	12,059		
	NEMURO	9,511	13,283	60,772	991	18,849		
	HASOMAI			14,607		12,844		
	TOTAL	177,845 130,41 190,886	103,787	459,786	116,820 11,278	350,272		
ERIMO EAST	OCHIISHI			3,492	沿岸 4,150 河川 128	OFFSHORE RIVER		
					河川 3662 河川 98	RIVER RIVER		
ERIMO W. JAPAN SEA								
TOTALS	OFFSHORE	858,586	328,546	2,535,301	470,102	2,018,342		
	RIVER	102,889	43,477	273,733	50,176	202,082		
	GRAND TOTAL	961,475	372,023	2,809,034	520,278	2,220,424		

Statistical Tables.

Aomori prefecture

Iwate prefecture

Miyagi prefecture

Akita prefecture

Yamagata prefecture

Fukushima prefecture

Ibaraki prefecture

Niigata prefecture

Toyama prefecture

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Explanation of the entries in the statistical tables.

1. The river numbers are allocated by prefecture and maritime region.
2. "A" shows the prefecture, the number of the river in its maritime region, the name of the river, the name of the hatchery operating organization, the capacity for eggs and fry and the 5-year average number released.
3. "B 1" shows the 5-year average of the number caught off-shore.
"B 2" shows, by month or thirds of months, the 5-year average of the number caught off-shore.
4. "C" shows by thirds of months the number caught during the run up-stream.
5. The grand totals include places not included in the tables, by thirds of months, of the off-shore and river catches.
6. In places for which there are no 5 year totals, the average is for the number of years of operation.

A. AOMORI PACIFIC OCEAN MARITIME REGION.

No.	RIVER NAME	HATCHERY OPERATOR	CAPACITIES		NUMBER RELEASED (AVERAGE 1970 TO 1974)
			EGG HATCHING	FRY REARING PONDS	
1	NOHEJI	NOHEJI SALMON REARING COOPERATIVE	450 000	450 000	CHUM 239 000
2	KAWAUCHI	(NOT IN USE)	---	---	---
3	OHATA	OHATA CITY FISH COOPERATIVE (FOUNDED 1975)	3 000 000	3 000 000	---
4	OIBE	OIBE INLAND FISH COOPERATIVE	1 500 000	1 500 000	CHERRY 105 000 CHUM 105 000 (1973 ONLY)
5	OIRASE	OIRASE SALMON REARING COOPERATIVE	10 200 000	10 000 000	CHERRY 217 000 (AV. 72-74) CHUM 9 186 000
6	MABUCHI	MABUCHI FISH COOPERATIVE	1 300 000	1 300 000	CHUM 873 000
7	NIIDA	NIIDA FISH COOPERATIVE	4 200 000	4 000 000	CHUM 1 781 000 (AV. 71-74)

AOMORI JAPAN SEA MARITIME REGION

No.	RIVER NAME	HATCHERY OPERATOR	CAPACITIES		NUMBER RELEASED (AVERAGE 1970 TO 1974)
			EGG HATCHING	FRY REARING PONDS	
1	KAHITA	(DISCONTINUED 1971)	---	---	---
2	IWAKI	IWAKI SALMON REARING COOPERATIVE	1 120 000	1 000 000	CHUM 963 000
3	AKAISHI	(NOT IN USE)	---	---	---
4	OIRASE	OIRASE INLAND FISH COOPERATIVE	1 500 000	1 500 000	CHUM 442 000
5	AGATSUMA	(NOT IN USE)	---	---	---
6	SASAKI	(NOT IN USE)	---	---	---

B 1. NUMBER OF FISH CAUGHT OFF-SHORE (AVERAGE FOR THE FIVE YEARS FROM 1970 TO 1974)

REGION	NUMBER CAUGHT OFF-SHORE	NOTES
AOMORI PACIFIC OCEAN MARITIME REGION	106 326 49 778	CHUM CHERRY
AOMORI JAPAN SEA MARITIME REGION	30 927 58 775	CHUM CHERRY

ACCORDING TO THE PUBLISHED REPORTS ON THE
QUANTITY OF SALMON CAUGHT FROM THE VARIOUS
PLACES.

B 2. NUMBER CAUGHT OFF-SHORE IN EACH MONTH (AVERAGES FOR THE FIVE YEARS FROM 1970 TO 1974)

	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	TOTAL	NOTES
AOMORI PACIFIC OCEAN MARITIME REGION	0 13,042	0 7,190	0 1,298	0 50	0 10	1,788 0	12,439 0	31,471 0	56,033 0	4,595 3,198	0 9,953	0 15,037	106,326 49,778	CHUM CHERRY
AOMORI JAPAN SEA MARITIME REGION	0 17,733	0 4,326	0 711	0 1,158	0 202	657 6	4,503 31	14,850 4	10,127 8	789 5,566	1 9,012	0 20,018	30,927 58,775	CHUM CHERRY

ACCORDING TO REPORTS FROM THE VARIOUS PLACES OF THE NUMBER OF SALMON CAUGHT OFF-SHORE

C. NUMBER OF FISH CAUGHT, IN EACH THIRD OF A MONTH, DURING THE UP-RIVER RUN.
AVERAGES FOR THE FIVE YEARS 1970 TO 1974

② 旬別河川そ上捕獲尾数：昭和45～49年度に亘る5ヶ年平均

青森県太平洋海区 魚種：シロザケ

AOMORI PREFECTURE, PACIFIC OCEAN MARITIME REGION.

SPECIES: CHUM SALMON

RIVER No.	RIVER NAME	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
①	NOHEJI	0	0	0	0	4	4	5	12	8	7	0	0	40	30.0%	67.5%	PEAK: MID NOVEMBER RUN: MID-L NOV, E DEC
⑤	OORASE	0	2	109	828	2219	2352	1993	950	920	321	0	0	9,694	24.3	67.7	PEAK: LATE OCTOBER RUN: MID-L OCT, E NOV
⑥	MABUCHO	0	0	19	161	364	272	279	147	71	9	0	0	1,322	27.5	69.2	PEAK: MID OCTOBER RUN: MID-L OCT, E NOV
⑦	NOBODA	0	0	76	141	564	544	82	57	21	8	0	0	1,493	37.8	83.7	PEAK: MID OCTOBER RUN: E - M - L OCTOBER

青森県太平洋海区 魚種：サクラマス

AOMORI PREFECTURE, JAPAN SEA MARITIME REGION.

SPECIES: CHERRY SALMON

RIVER No.	RIVER NAME	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
④	OORASE	37	30	8	32	2	0	0	0	0	0	0	0		33.9%	61.5%	PEAK: EARLY SEPTEMBER RUN: E - L SEPTEMBER
⑤	AGATSUMA	27	11	17	15	21	13	14	0	0	2	0	0		36.8	64.9	PEAK: E SEP, M OCT RUN: E-L SEP, E-M OCT

青森県日本海区 魚種：シロザケ

AOMORI PREFECTURE, JAPAN SEA MARITIME REGION.

SPECIES: CHUM SALMON

RIVER No.	RIVER NAME	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
②	IWAKI	0	0	0	2	14	27	39	36	51	23	15	0	207	24.6%	60.9%	PEAK: LATE NOVEMBER RUN: E-M-L NOVEMBER
④	OORASE	0	0	0	0	2	2	18	2	5	0	0	0	29	62.1	86.2	PEAK: EARLY NOVEMBER RUN: E-M-L NOVEMBER

IWATE SALMON REARING RIVERS.

RIVER NUMBER	RIVER NAME	OPERATING ORGANIZATION	CAPACITIES		NUMBER RELEASED (AVERAGE 1970-74)	
			EGGS	FRY	CHUM	CHERRY
2	UKE	UKE FISH COOP	1,200	146	400	
4	KUJI	KUJI FISH COOP	4,880	324	810	
6	AKKA	LOWER AKKA FISH COOP	3,500	555	1,170	67
7	FUDAI	FUDAI VILLAGE FISH COOP	3,050	250	1,390	
10	OMOTO	OMOTOHAMA FISH COOP	1,080	311	1,550	195
12	TARO	TARO TOWN FISH COOP		675	1,190	
14	HEI	MIYAKO FISH COOP	7,120	233	4,800	
15	TSUGARISHI	MIYAKO FISH COOP	57,000	2,800	59,560	
18	SEKIGUCHI	YAMADA BAY FISH COOP	3,500	26	1,450	
19	ORIGASA	ORIGASA FISH COOP	15,000	966	8,180	
20	OZUCHI	OZUCHI TOWN	32,000	2,008	9,130	
22	UNOZUMA	KAMASHI EAST FISH COOP	4,500	233	750	27
24	KATAGISHI	TONI TOWN FISH COOP	14,000	719	8,880	
26	YOSHINAMA	YOSHINAMA FISH COOP	1,000	90	220	
28	SAKARI	SAKARI RIVER FISH COOP	1,600	840	1,760	
29	KESEN	KESEN TOWN FISH COOP	4,800	119	1,630	30
30	KITAKAMI	KITAKAMI RIVER FISH COOP	2,600	50	790	
TOTAL	17	16	156,830	10,345	103,660	319

RIVERS USED FOR EXPERIMENTAL TRANSPLANTATION, IWATE PREFECTURE.

No.	RIVER NAME	OPERATING ORGANIZATION	TRANSPLANT SPECIES				NOTES
			CHUM	PINK	CHERRY	GOHO (SUKE)	
2	UKE	UKEHAMA FISH COOP		500			Av. 1972-74
3	KOKE		100				Av. 1973-73
5	KOSODE		50				1974
6	AKKA	LOWER AKKA FISH COOP			1972 30	1973, 100 1974, 100	1974 60
8	HIRAIKA		200				1973
9	MATSUMAE		180				Av. 1971-74
11	SETTAI		100				1974
13	ONABBE	MIYAKO FISH COOP	100				1974
17	OOSAWA		250				1971-74
20	ORIGASA	ORIGASA FISH COOP				300	1974
21	KOZUCHI	OZUCHI FISH COOP	1000				1971-74
23	KANE		200				1972-74
25	KUMANO	TONI TOWN FISH COOP	250				1970-74
27	URAYAMA		300				1973-74

"SUKE" I CANNOT FIND A SALMON SPECIES WHICH CAN BE ABBREVIATED BY "SUKE". THERE ARE "SUKETODARA" (ALASKA POLLACK) AND "SUKESO" WHICH CAN BE DIALECT NAMES FOR BURBOT OR DEEP SEA BASS, AND DO NOT SEEM APPROPRIATE (TRANSLATOR)

RIVERS NOT USED FOR SALMON, IWATE PREFECTURE.

RIVER		RIVER LENGTH
No.	NAME	
1	KAWASHIRI	15 KM
16	OMOE	6 KM

NUMBER OF FISH CAUGHT OFFSHORE IN IWATE PREFECTURE (CHUM SALMON)

460 000 THOUSAND #

SIC, BUT ? 460000 ? (TRANS)

IWATE SALMON REARING RIVERS.

RIVER NUMBER	RIVER NAME	OPERATING ORGANIZATION	CAPACITIES		NUMBER RELEASED (AVERAGE 1970-74)	
			EGGS	FRY	CHUM	CHERRY
2	UKE	UKE FISH COOP	1,200	146	400	
4	KUJI	KUJI FISH COOP	4,880	324	810	
6	AKKA	LOWER AKKA FISH COOP	3,500	555	1,170	67
7	FUDAI	FUDAI VILLAGE FISH COOP	3,050	250	1,390	
10	OMOTO	OMOTOHAMA FISH COOP	1,080	311	1,550	195
12	TARO	TARO TOWN FISH COOP		675	1,190	
14	HEI	MIYAKO FISH COOP	7,120	233	4,800	
15	TSUGARASHI	MIYAKO FISH COOP	57,000	2,800	59,560	
18	SEKIGUCHI	YAMADA BAY FISH COOP	3,500	26	1,450	
19	ORIGASA	ORIGASA FISH COOP	15,000	966	8,180	
20	OZUCHI	OZUCHI TOWN	32,000	2,008	9,130	
22	UNOZUMAI	KAMASHI EAST FISH COOP	4,500	233	750	27
24	KATAGISHI	TONI TOWN FISH COOP	14,000	719	8,880	
26	YOSHINAMA	YOSHINAMA FISH COOP	1,000	90	220	
28	SAKARI	SAKARI RIVER FISH COOP	1,600	840	1,760	
29	KESEN	KESEN TOWN FISH COOP	4,800	119	1,630	30
30	KITAKAMI	KITAKAMI RIVER FISH COOP	2,600	50	790	
TOTAL	17	16	156,830	10,345	103,660	319

RIVERS USED FOR EXPERIMENTAL TRANSPLANTATION, IWATE PREFECTURE.

No.	RIVER NAME	OPERATING ORGANIZATION	TRANSPLANT SPECIES				NOTES
			CHUM	PINK	CHERRY	GOHO (SUKE)	
2	UKE	UKEHAMA FISH COOP		600			Av. 1972-74
3	KOKE		100				Av. 1973-73
5	KOBODE		50				1974
6	AKKA	LOWER AKKA FISH COOP			1972 30	1973, 100 1974, 100	1974 60
8	HIRAIGA		200				1973
9	MATSUMAE		180				Av. 1971-74
11	SETTAI		100				1974
13	ONABBE	MIYAKO FISH COOP	100				1974
17	OOSAWA		250				1971-74
20	ORIGASA	ORIGASA FISH COOP				300	1974
21	KOZUCHI	OZUCHI FISH COOP	1000				1971-74
23	KANE		200				1972-74
25	KUMANO	TONI TOWN FISH COOP	260				1970-74
27	URANAMA		300				1973-74

"SUKE" I CANNOT FIND A SALMON SPECIES WHICH CAN BE ABBREVIATED BY "SUKE". THERE ARE "SUKETODARA" (ALASKA POLLACK) AND "SUKESO" WHICH CAN BE DIALECT NAMES FOR BURBOT OR DEEP SEA BASS, AND DO NOT SEEM APPROPRIATE (TRANSLATOR)

RIVERS NOT USED FOR SALMON, IWATE PREFECTURE.

RIVER		RIVER LENGTH
No.	NAME	
1	KAWASHIRI	15 KM
16	OMOE	6 KM

NUMBER OF FISH CAUGHT OFFSHORE IN IWATE PREFECTURE (CHUM SALMON)

460 000 THOUSAND #

SIC, BUT ? 460000 ? (TRANS)

THE NUMBER OF FISH CAUGHT, IN EACH THIRD OF A MONTH DURING THE FIVE YEARS 1970 TO 1974

旬別河川サケ捕獲尾数：昭和45～49年度に亘る5カ年平均
IWATE PREFECTURE, CHUM SALMON

DEPT. OF FISHING PORTS

旭 漁港課

岩手県シロサケ

No.	RIVER NAME	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			JANUARY			FEBRUARY			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L		PEAK PERIOD	RUN PERIOD	
2	UKE	0	2	0	9	39	62	46	28	5	26	0	0	11	0	10				238	26.1 %	61.8	PEAK L OCTOBER M-L OCT, E NOV
4	KUJI																			473			E NOVEMBER L OCT, E-M NOV
6	AKKA	0	3	20	45	56	32	29	15	7	3	9	23	22	22	6				292	19.2	45.6	M OCT E, M, L, OCT
7	FUDAI																			31			L DEC, 74 ONLY M DEC, E JAN
10	OMOTO	15	16	82	133	204	178	76	82	37	34	82	162	152	36	16	2			1,307	15.6	39.4	M OCTOBER E, M, L, OCT
12	TARO																			194			L NOV, 74 ONLY M, L NOV, E DEC
14	HEI	11	104	281	267	254	474	779	915	474	146	197	617	619	210	56				5,399	16.9	40.2	M NOVEMBER E, M, L, NOV
15	TSUGARUISHI							47	270	1,485	5,250	8,007	16,155	14,802	7,851	4,776	1,643	266		60,552	26.7	64.3	L DECEMBER M, L DEC, E JAN
18	SEKIGUCHI					1	54	339	700	307	44	8								1,452	48.2	9.27	M NOVEMBER E, M, L, NOV
19	ORIGASA					13	639	2,043	1,955	1,042	414	155	6							6,267	31.2	80.4	E NOVEMBER E, M, L, NOV
20	OZUCHI							5	197	1,742	4,739	2,915	1,010	106						10,714	44.2	87.7	E DECEMBER L NOV, E, M DEC
22	UNOZUMA			2	15	29	44	57	70	44	43	43	29	34	19	1				430	16.3	39.8	M NOVEMBER E, M, L, NOV
24	KATAGISHI						4	34	492	1,925	3,731	3,592	1,259	167	31					11,235	33.2	82.3	E DECEMBER L NOV, E, M DEC
26	YOSHIMAMA																			36			L DEC 74 ONLY M, L DEC, E JAN
28	SAKARI				2	30	129	486	1,295	1,542	1,199	368	128	28	3	1				5,211	29.6	77.5	L NOVEMBER M, L NOV, E DEC
29	KESEN			10	30	53	186	199	389	541	587	323	95	35	17	2				2,467	21.9	61.5	L NOVEMBER M, L NOV, E DEC
30	KITAKAMI																			816			L OCTOBER M, L OCT, E NOV

IWATE PREFECTURE, CHERRY SALMON

岩手県サクラマス

DEPT. OF FISHING PORTS 旭 漁港課

No.	RIVER NAME	SEPTEMBER			OCTOBER			NOVEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	E	M	L		PEAK PERIOD	RUN PERIOD	
6	AKKA										28			PEAK E OCT RUN L SEP, E, L OCT
10	OMOTO	11	13	38	28	45	30	5	1		171	16.4	64.9	" "
14	HEI										16			" "
22	UNOZUMA				4	4	9	3	1		20	45.0	75.0	M OCT E, M, L OCT
28	SAKARI										10			" "
29	KESEN										35			" "

MIYAGI PREFECTURE. HATCHERY CAPACITIES AND NUMBERS RELEASED, BY RIVERS.

No.	RIVER NAME	DRAINAGE SYSTEM	HATCHERY OPERATOR	CAPACITIES		5-YEAR AVERAGE, 1970-74 OF NUMBER RELEASED (10 000)	NOTES
				Eggs (10 000)	Fry (10 000)		
1	KESENNUMA O		KESENNUMA SALMON REARING COOPERATIVE	800	600	251	
2	KOIZUMI		MOTOYOSHI SALMON REARING COOPERATIVE	150	150	92	
3	MIZUJIRI		SHIZUGAWA CITY FRESHWATER FISHING COOPERATIVE	--	--	--	NO HATCHERY, BREEDING EGGS TRANSPORTED TO MITOBE
4	MITOBE		MITOBE SALMON FISHING COOPERATIVE	200	200	80	
5	OPPA	KITAKAMI	KITAKAMI OPPI RIVER FISHING COOPERATIVE	500	500	122	
6	KITAKAMI	" "	KITAKAMI RIVER FISHING COOPERATIVE	150	150	54	
7	SEMA	" "	SEMA RIVER FISHING COOPERATIVE	--	--	4	NO HATCHERY, BREEDING EGGS TRANSPORTED TO EAI RIVER
8	EAI	" "	EAI RIVER FISHING COOPERATIVE	100	100	39	
9	NARUSE		NARUSE YOSHIDA RIVER FISHING COOPERATIVE	400	400	188	
10	NATORI		HOROSE NATORI RIVER FISHING COOPERATIVE	100	100	45	
11	ABUKUMA (DOWNSTREAM)	ABUKUMA	WATARI CITY FISHING COOPERATIVE	--	--	--	NO HATCHERY, BREEDING EGGS TRANSPORTED TO UPSTREAM ABUKUMA
12	SHIRAIISHI	" "	SHIRAIISHI RIVER FISHING COOPERATIVE	100	100	24	
13	ABUKUMA (UPSTREAM)	" "	ABUKUMA RIVER FISHING COOPERATIVE	100	100	36	

NUMBER OF FISH CAUGHT OFF-SHORE. AVERAGES FOR THE FIVE YEARS FROM 1970 TO 1974

SPECIES: CHUM SALMON

REGION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	NOTES
MIYAGI PREFECTURE	80	2	28	925	5272	696	327	64	2374	14490	2819	255	27 332	AVERAGE WEIGHT 3 KG PER FISH

QUANTITIES FOR EACH THIRD OF A MONTH ARE NOT KNOWN

NUMBER OF FISH CAUGHT IN EACH THIRD OF A MONTH DURING THE UP-RIVER RUN.
旬別河川上捕獲尾数 (昭和45~49年度に亘る5ヶ年平均)

AVERAGES DURING THE FIVE YEARS FROM 1970 TO 1974

MIYAGI PREFECTURE
宮城県

NUMBER OF FISH CAUGHT IN EACH THIRD OF A MONTH DURING THE UP-RIVER RUN.													AVERAGES DURING THE FIVE YEARS			SPECIES: CHUM SALMON 魚種: シロサケ		NOTES	
RIVER NUMBER	RIVER NAME	RIVER SYSTEM	OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO						
			EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD					
1	KESENNUMA O	KITAKAMI	194	1,629	2,075	1,241	363	102	136	112	12	5864	35.4%	84.3%					
2	KOIZUMI		35	187	485	179	106	27	18	2	—	1039	46.7	81.9					
3	MOZUJIRI		—	2	8	10	7	3	1	—	—	31	323	80.6					
4	MITOBE		13	128	370	132	86	28	7	1	—	765	48.4	82.4					
5	OPPA		97	168	1,595	640	177	110	19	6	—	2812	56.7	85.8					
6	KITAKAMI		46	48	109	40	47	15	13	3	—	308	35.4	65.9					
7	SEMA		—	5	21	63	31	12	—	—	—	138	45.7	83.3					
8	EAI KITAKAMI SYSTEM TOTAL		152	282	1,851	844	283	150	126	101	21	337	37.4	85.5					
9	HARUSE	ABUKUMA	390	636	947	396	365	72	83	36	—	3595	—	—					
10	NATORO ABUKUMA (DOWNSTREAM)		38	140	218	162	12	4	2	—	—	2982	—	—					
11	SHIRAIISHI ABUKUMA (UPSTREAM)		21	81	101	12	11	6	2	2	—	754	—	—					
12			15	13	25	33	3	2	—	—	—	221	—	—					
13			4	12	8	3	2	—	—	—	—	105	—	—					
												31	38.7	77.4					

A. FUKUSHIMA PREFECTURE

(UNITS: THOUSANDS)

RIVER NUMBER	RIVER NAME	HATCHERY OPERATOR	EGG CAPACITY	FRY CAPACITY	AVERAGE NO. RELEASED
1	ABUKUMA	ABUKUMA RIVER F C	6 000	6 000	325
2	MANO	MANO RIVER F C	3 000	3 000	736
3	NITTA	NITTA RIVER SALMON REARING F C	4 200	4 200	1048
4	UKEBO	IZUMOTA RIVER F C	10 000	10 000	4343
5	KUMA	KUMA RIVER F C	2 400	2 400	672
6	TOMIOKA	TOMIOKA RIVER F C	800	0	372
7	IDE	IDE RIVER F C	400	0	137
8	KIDO	KIDO RIVER F C	2 000	1 000	646
9	NATSUI	NATSUI RIVER F C	800	0	240
10	SAME	SAME RIVER SALMON REARING F C	800	0	370
		TOTAL	3 040	2 660	8944

FROM PREFECTURAL FISHERY
RESEARCH DEPARTMENT.IDE RIVER STARTED IN 1971
(4-YEAR AVERAGE)B 1. NUMBER OF FISH CAUGHT OFFSHORE

PREFECTURE	NUMBER CAUGHT OFFSHORE	SPECIES
FUKUSHIMA	13 813	CHUM SALMON

FROM PREFECTURAL FISHERY RESEARCH DEPARTMENT

B 2. NUMBER CAUGHT OFFSHORE EACH MONTH (AVERAGE 1970 TO 1974)

PREFECTURE	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	SPECIES
FUKUSHIMA	164	11 405	2 225	19	13 813	CHUM SALMON

FROM PREFECTURAL FISHERY RESEARCH DEPARTMENT.

ESTIMATED FROM ACTUAL FIGURES FOR 1972 TO 1974

C. NUMBER OF FISH CAUGHT IN THE UP-STREAM RUN IN EACH THIRD OF A MONTH (AVERAGE 1970 TO 1974)

② 旬別河川上捕獲尾数 S 4 5 ~ 4 9 平均

RIVER NO.	NAME	SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO		NOTES	
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK	RUN	PEAK PERIOD	RUN PERIOD
①	ABUKUMA 阿武隈川				62	114	40	32	31	10	8			297	38.4	72.7	10 M	10 E 10 M 10 L
②	MANO 真野川					43	257	274	127	29				730	37.5	90.1	11 E	10 L 11 M 11 E
③	NETTA 新田川			7	15	70	205	227	176	55	4			759	29.9	80.1	11 E	10 L 11 M 11 E
④	UKE DO 舘戸川		8	44	122	758	2,654	2,356	983	224				7,149	37.1	83.1	10 L	10 L 11 M 11 E
⑤	KUMA 熊川				2	128	750	421	169	8				1,478	50.7	90.7	10 L	10 L 11 M 11 E
⑥	TOMIOKA 富岡川				1	19	71	72	39	1				203	35.5	89.7	11 E	10 L 11 M 11 E
⑦	IDE 井出川				3	8	36	28	6					81	44.4	88.8	10 L	10 L 11 E 10 M
⑧	KIDO 木戸川			3	101	262	495	327	91	5				1,284	38.6	84.4	10 L	10 L 11 E 10 M
⑨	NATSUO 夏井川				5	12	21	17	4					59	35.9	84.7	10 L	10 L 11 E 10 M
⑩	SAME 鮫川				19	116	170	45	30	2				382	44.5	86.6	10 L	10 L 11 E 10 M
TOTAL			8	54	330	1,530	4,699	3,799	1,656	334	12			12,422	37.8	81.7	10 L	10 L 11 E 11 M

※ 県水産課調べ

※ 井出川は46年事業開始(4年平均)

FROM PREFECTURAL FISHERY RESEARCH DEPARTMENT
IDE RIVER STARTED IN 1971 (4-YEAR AVERAGE)

A. IBARAKI PREFECTURE (CHUM SALMON)

(UNITS: THOUSANDS)

RIVER NUMBER	RIVER NAME	HATCHERY OPERATOR	CAPACITIES		NUMBER RELEASED
			EGGS	FRY	
1	KUJO	KUJO RIVER F C	1 600	1 100	910
2	NAKA	NAKA RIVER F C	3 000	1 700	1 130
3	TONE (KINA)	KINA SHELLFISH COOPERATIVE	2 000	1 200	640

TAKEN AS 12 000 PER SQUARE METRE

AVERAGES 1970 TO 1974

B 1. NUMBER CAUGHT OFFSHORE (CHUM SALMON)

PREFECTURE	NUMBER CAUGHT OFFSHORE	NOTES
IBARAKI	1 360	STATISTICS FROM MINISTRY OF AGRICULTURE AND FORESTS

C. NUMBER CAUGHT IN THE UP-STREAM RUN IN EACH THIRD OF A MONTH (CHUM SALMON)

RIVER NUMBER	RIVER NAME	OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	E	M	L		PEAK PERIOD	RUN PERIOD	
1	KUJO		340	110	50	450	30	30	10		1 020	33.3%	93.1%	PEAK MID OCT, RUN MID OCT TO MID NOV
2	NAKA		805	767	486	186	11				2 255	35.6	91.2	" " MID OCT, MID OCT TO MID NOV
33	TONE (KINA)		82	263	201	106	153	99	59		963	27.3	83.5	" " LATE OCT, LATE OCT TO LATE NOV

NOTE. SINCE NO DATA ARRANGED BY THIRDS OF MONTHS ARE AVAILABLE BEFORE 1974, THE DATA ENTERED ARE FOR THE SINGLE YEAR 1974.

A. AKITA PREFECTURE

(UNITS: THOUSAND FISH)

RIVER NUMBER	RIVER NAME	HATCHERY OPERATOR	CAPACITIES		NUMBER OF FISH RELEASED (AVERAGES, 1970 TO 1974)
			EGGS	FRY	
2	OMONO (TAMA)	OMAGARI CITY FISH HATCHERY	9 000	7 000	3 880
4	KOYOSHI	YASHIMA TOWN FISH COOP	2 000	1 500	834
5	NISHIME	NISHIME RIVER SALMON REARING COOPERATIVE	5 100	4 000	1 411
6	SHIRAYUKI	SHIRAYUKI RIVER SALMON REARING COOPERATIVE	1 200	1 000	741
7	AKAISHI	AKAISHI RIVER SALMON REARING COOPERATIVE	500	450	380
8	NASO	SEKIGUCHI FISH REARING COOPERATIVE	10 000	8 000	4 364
9	KAWABUKORO	KAWABUKORO SALMON REARING COOPERATIVE	1 200	1 000	480
1	MASE	(RIVER NOT USED)			
	TOTAL		29 000	22 950	12 090

B 1. AVERAGE NUMBER ANNUALLY CAUGHT OFFSHORE

(1970 TO 1974)

PREFECTURE	NUMBER CAUGHT OFFSHORE	NOTES
AKITA	65 000	260 TONS. (AVERAGE FOR ONE CHUM SALMON IS 4 KG)

B 2. AVERAGE NUMBER CAUGHT OFFSHORE EACH MONTH

(1970 TO 1974)

MONTH	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	TOTAL
	750	4 000	45 000	15 000	250	65 000

C. AVERAGE NUMBER CAUGHT IN EACH THIRD OF A MONTH DURING THE UP-STREAM RUN (ANNUAL AVERAGE 1970 TO 1974)

CHERRY SALMON

RIVER NUMBER	RIVER NAME	OCTOBER			NOVEMBER			OCTOBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	E	M	L	E	M	L	E	M	L	E	M	L		PEAK	RUN	
4	KOYOSHI	49	43	8													100	49%	92%	PEAK EARLY OCTOBER RUN EARLY-MID OCTOBER

AVERAGE NUMBER CAUGHT IN EACH THIRD OF A MONTH DURING THE UP-STREAM RUN (ANNUAL AVERAGE 1970 TO 1974) (AKITA PREFECTURE)

② 旬別河川上流捕獲尾数 (45~49年度平均) (秋田県)

CHUM SALMON
(シロサケ)

RIVER No.	RIVER NAME	OCTOBER			NOVEMBER			SEPTEMBER			JANUARY			尾	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MID	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
2	OHORO 川	11	30	49	286	526	1,044	738	684	98				3,466	30.1	86.3	PEAK L NOV RUN M-L NOV E-M DEC
4	KOYOSHO 川	16	9	30	63	202	159	115	68	54				716	28.2	66.4	PEAK M NOV RUN M-L NOV E DEC
5	NISHOME 川			5	29	66	258	256	109	40				763	33.8	81.6	PEAK L NOV RUN L NOV E-M DEC
6	SHIRAYUKI 川				5	22	73	182	84	24	5			395	46.0	85.8	PEAK E DEC RUN L NOV E-M DEC
7	AKATSHO 川				3	13	42	63	29	14	1			165	38.1	81.2	PEAK E DEC RUN L NOV E-M DEC
8	NASO 川				6	102	379	1,087	871	430	5			2,880	37.7	96.0	PEAK E DEC RUN L NOV E-M-L DEC
9	KAWABUKORO 川				3	8	38	96	98	63	2			308	31.8	83.4	M DEC F, M, L DEC
TOTAL		27	39	84	395	939	1,993	2,537	1,943	723	13			8,693			

A. YAMAGATA MARITIME REGION

(UNITS 10 000 FISH)

① (山形県海区)

RIVER NUMBER			RIVER NAME	HATCHERY OPERATOR	CAPACITIES		AVERAGE NUMBER OF FRY RELEASED (1970 TO 1974)	NOTES
					HATCHING TANKS	FRY		
①	(1)	GAKKO RIVER	USHIWATARI	MINOWA SALMON REARING COOP	1,956	1,138	1,901	
	(2)		TAKIFUCHI	MASUZAWA SALMONREARING COOP	3,004	1,637	1,683	
	(3)		ARASAWA	ARASAWA SALMON REARING COOP	160	59	110	
	(4)		TAKASE	TAKASE SALMON REARING COOP	600	866	554	
	(5)		MANBETSU	MAENA REGION SALMON REARING COOP	210	95	134	
	(6)		GAKKO	GAKKO SALMON REARING COOP	121	39	93	
	(7)		FUNATSU	DEDO SALMON REARING COOP	840	357	648	
②	—	—	NIKKO	NIKKO SALMON REARING COOP	600	540	391	
③	(1)	MOGAMI RIVER	AISAWA	MOGAMI No.8 SALMON REARING COOP	30	12	6	
	(2)		TACHIYAZAWA	KIYOKAWA SALMON REARING COOP	297	198	61	
	(3)		SAKE	MOGAMI SALMON REARING COOP	118	120	45	
	(4)		OGUNI	OGUNI SALMON REARING COOP	300	80	29	
	(5)		NYU	NYU SALMON REARING COOP	42	23	24	
	(6)		SAGAE	MOGAMI No.2 SALMON REARING COOP	80	91	26	
④	—	—	AKAI	AKAI SALMON REARING COOP	300	210	167	
⑤	—	—	SANZE	(RIVER NOT USED)	—	—	—	
⑥	—	—	IRA	YAMATO FISH COOPERATIVE	210	188	132	
⑦	—	—	SHONAI OGUNI	OIWA HATCHERY	64	83	24	
⑧	—	—	NEZUGASEKI	NEZUGASEKI SALMON REARING COOP	71	30	33	
TOTAL			8 RIVERS	18 ORGANIZATIONS	9,003	5,766	6,061	

C. YAMAGATA PREFECTURE. NUMBER OF FISH CAUGHT OFFSHORE BY YEAR AND MONTH

② 年度別・月別沿岸漁獲尾数

REGION	YEAR	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	TOTAL	NOTES
YAMAGATA	1970	75	2,175	1,6200	15,250	100	33,800	○全数値ともシロザクである。
	1971	100	1,500	35,625	21,575	100	58,900	○45~48年度は農林統計のトン数値を1尾当り4キロとして算出した。
	1972	25	1,625	21,075	27,575	150	50,450	○49年度は県漁協報告のトン数値を1尾当り4キロとして算出した。
	1973	0	1,100	15,600	8,525	50	25,275	# ALL NUMBERS REFER TO CHUM SALMON
	1974	25	1,525	43,475	36,425	0	81,450	# DATA FOR 1970 TO 1973 ARE TAKEN FROM MINISTRY OF AGRICULTURE AND FORESTS DATA, WITH ONE SALMON EQUIVALENT TO 4 KG.
	TOTAL	225	7,925	131,975	109,350	400	249,875	# DATA FOR 1974 ARE TAKEN FROM PREFECTURAL FISHERY ASSOCIATION TONNAGES WITH ONE SALMON EQUIVALENT TO 4 KG.
	AVERAGE	45	1,585	26,395	21,870	80	49,975	

NUMBER OF FISH CAUGHT DURING THE UP-STREAM RUN (ANNUAL AVERAGES FOR THE FIVE YEARS 1970 TO 1974)

YAMAGATA. CHUM SALMON

旬別河川そ上捕獲尾数 (昭和45~49年度に亘る5ヶ年平均)

(UNITS: 1 FISH)

山形県 (魚種: シロサケ)

RIVER NUMBER	RIVER NAME	OCTOBER			NOVEMBER			DECEMBER			JANUARY			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PERIOD	PERIOD	
(1)	GAKKO SYSTEM					164	2,225	5,659	3,602	547	224	93	42	12,556	45.0	91.4	PEAK E DEC RUN L NOV E-M DEC
(2)	USHIWATARI				1	97	1,402	5,389	3,578	764	255	85	27	11,598	46.4	89.4	PEAK E DEC RUN L NOV E-M DEC
(3)	TOKEFUCHI					9	109	344	307	52	13	7		841	40.9	90.3	PEAK E DEC RUN L NOV E-M DEC
(4)	ARASAWA					15	262	1,192	1,308	447	114	74	23	3,435	38.0	85.7	PEAK E DEC RUN L NOV E-M DEC
(5)	TAKASE					23	457	1,638	1,534	359	75	35	5	4,126	39.6	87.9	PEAK E DEC RUN L NOV E-M DEC
(6)	GAKKO					4	99	292	255	77	18	5		750	38.9	86.1	PEAK E DEC RUN L NOV E-M DEC
(7)	MAHETSU					5	83	227	174	53	8		1	551	41.1	87.8	PEAK E DEC RUN L NOV E-M DEC
(8)	FUNATSU																
TOTAL					1	317	4,637	14,741	10,758	2,299	707	299	98	33,875			
(12)	NIRIKO	26	31	14	6	3	177	959	1,019	280	48			2,563	39.7	88.0	PEAK M DEC RUN E-M DEC
(13)	MOGAMI SYSTEM						1	3	22	22	10	3		61	36.0	88.5	PEAK L DEC RUN M-L DEC E JAN
(14)	AISAWA																
(15)	TACHIZAWA		1	36	53	80	94	50	23	2				339	27.7	66.9	PEAK L NOV RUN E-M-L NOV
(16)	SAKE	74	125	88	132	107	97	73	24					720	18.3	50.5	PEAK E NOV RUN M OCT E-M NOV
(17)	OGUNI		84	67	106	64	72	50	15	18				476	22.2	55.0	PEAK E NOV RUN M OCT E, L NOV
(18)	NYO		8	50	45	65	158	59	27	8				420	37.6	67.1	PEAK L NOV RUN M-L NOV E DEC
(19)	MIDORI	(1974 ONLY)	86	42			35	8	14					185	46.4	88.1	PEAK M OCT RUN M-L OCT L NOV
(20)	TAKAS		4	11	18		2	15	3					54	33.3	83.3	PEAK E NOV RUN L OCT E NOV E DEC
(21)	OMI			5	20	44	13	36	16	6				140	31.4	71.4	PEAK M NOV RUN E-M NOV E DEC
TOTAL		74	308	299	374	360	472	295	144	56	10	3		2,395			
(22)	AKAI	23	67	128	97	89	101	100	157	88	20	1		871	18.0	44.3	PEAK M DEC RUN L OCT L NOV E DEC
(23)	IRA		1	2	1		81	178	129	80	24	1		497	35.8	78.0	PEAK E DEC RUN L NOV E-M DEC
(24)	SHORAI OGUNI				1		19	95	71	49	12	7	3	257	36.9	83.6	PEAK E DEC RUN M-L DEC
(25)	NEZUGASEKI					2	54	94	25	1				176	53.4	98.2	PEAK E DEC RUN L NOV E-M DEC

A. NIIGATA PREFECTURE

(UNITS: 1 000 FISH)

RIVER NUMBER	RIVER NAME	HATCHERY OPERATOR	CAPACITIES		AVERAGE NUMBERS OF FRY RELEASED ANNUALLY 1970-74	NOTES
			EGGS	FRY		
1	O	O RIVER FISH COOPERATIVE	3 000	1 000	376	
2	SATSUGI	SAMPOKU TOWN	1 000	600	210	TRANSPLANTATION RIVER (1972)
3	MIOMOTE	MIOMOTE RIVER SALMON REARING COOPERATIVE	3 000	2 200	1 944	HATCHERIES IN TWO PLACES
4	ARA	ARA RIVER FISH COOPERATIVE	5 000	1 580	264	
5	AGANO	AGANO RIVER FISH COOPERATIVE	900	720	1 319	
6(1)	IGARASHI	IGARASHI RIVER FISH COOPERATIVE	1 000	330	61(C) 640	(C) CHERRY SALMON
6(2)	UONO	UONO FISH COOPERATIVE	6 600	3 590	558(C) 1 818	HATCHERIES IN FOUR PLACES
7	OOKOZU	TERADOMARI FISH COOPERATIVE	1 000	560	559	
8	NADACHI	NADACHI TOWN	600	500	211	TRANSPLANTATION RIVER (1972)
9	Noo	Noo INLAND WATERS FISH COOPERATIVE	600	500	212	TRANSPLANTATION RIVER (1972)

B 1. NUMBER OF FISH CAUGHT OFFSHORE. ANNUAL AVERAGES FOR THE FOUR YEARS 1971 TO 1974 (FROM FISHERY DEPARTMENT)

REGION	NUMBER CAUGHT OFFSHORE	NOTES
NIIGATA	15 407	CHUM SALMON
SADO	51 642	PINK SALMON
NIIGATA	17 710	CHERRY SALMON
SADO	52 059	CHERRY SALMON

B 2. ANNUAL AVERAGES OF THE MONTHLY OFFSHORE NUMBERS CAUGHT FOR THE FOUR YEARS 1971 TO 1974 (FROM FISHERY DEPARTMENT)

②の2 月別平均沿岸漁獲尾数 (昭和46年~49年度に亘る4カ年平均) (水産課調べ)

(UNITS: 1 FISH)

REGION	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL	NOTES
NIIGATA									183	2,229	9,876	3,119	15,107	CHUM
SADO	7	2,607	2,447	20,310	4,246	2							51,612	PINK
NIIGATA		885	1,593	9,386	5,490	356							17,710	CHERRY
SADO	523	9,370	16,138	22,905	3,123								52,059	CHERRY

C. ANNUAL AVERAGES OF THE NUMBER CAUGHT DURING THE UP-STREAM RUN DURING THE FIVE YEARS 1970 TO 1975

② 旬別平均河川上採捕尾数 (昭和45年~49年に亘る5カ年平均)

RIVER NUMBER	RIVER NAME	SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER				TOTAL	PEAK RUN RATIO		NOTES
		E	M	L	SUB TOTAL	E	M	L	SUB TOTAL	E	M	L	SUB TOTAL	E	M	L	SUB TOTAL		PEAK PERIOD	RUN PERIOD	
①	O							10	(10)	4	4	82	(90)	105	94	14	(213)	313	33.5%	89.8%	RUN LATE NOV - MID DEC
②	GATSUGI																	—			
③	MIOMOTE						67	90	(157)	286	327	1398	(2011)	1213	920	143	(2276)	4,444	31.5	79.5	RUN LATE NOV - MID DEC
④	ARA						14	80	(94)	16	38	38	(92)	95	44	11	(150)	336	28.3	64.0	RUN LATE NOV - MID DEC
⑤	AGANO						33	62	(95)	229	337	438	(1004)	576	356	386	(1318)	2,417	23.8	86.6	RUN LATE NOV - MID DEC
⑥①	IGARASHI						12	4	(16)	24	84	225	(333)	251	166	26	(443)	792	31.7	81.1	RUN LATE NOV - MID DEC
⑥②	UONO						453	460	(913)	439	318	216	(973)	128	48		(176)	2,062	22.3	81.0	RUN MID OCT - MID NOV
TOTAL							465	464		463	402	441		379	214	26		2,854			
⑦	OSKOZU (FLOOD CONTROL CHANNEL)						24	75	(99)	81	174	266	(521)	58	11		(69)	689	38.6	72.3	RUN MID NOV - EARLY DEC
⑧	NADACHO																	—			
⑨	NCO																	—			
⑥①	IGARASHI						2	1	(3)	4	15	39	(58)					61	64.0	88.5	CHERRY RUN M - L NOV
⑥②	UONO						119	102	(221)	108	54	59	(221)					442	26.9	74.4	CHERRY RUN E OCT - L NOV

A. TOYAMA PREFECTURE

RIVER NUMBER	RIVER NAME	HATCHERY OPERATOR	CAPACITIES (THOUSANDS)		ACTUAL NUMBER OF FRY RELEASED	NOTES
			Eggs	FRY		
3	O	ASAHI INLAND FISH COOPERATIVE O RIVER HATCHERY	1 300	1 300	334 400	
6	KUROBE	KUROBE RIVER INLAND FISH COOPERATIVE KUROBE RIVER HATCHERY	2 000	2 000	1 089 000	
8	FUSE	KUREHIGASHI INLAND FISH COOPERATIVE FUSE RIVER HATCHERY	700	700	653 000	
9	KADO	KUREHIGASHI INLAND FISH COOPERATIVE KADO RIVER HATCHERY	700 (TARGET)	700 (TARGET)	120 000	EXPECTED ESTABLISHMENT 1975
14	JINZU	TOYAMA FISH COOPERATIVE JINZU RIVER HATCHERY	5 000	5 000	2 043 000	
15	SHOGAWA	SHOGAWA COASTAL FISHING COOPERATIVE SHOGAWA HATCHERY	6 000	5 000	1 005 400	
16	OYABE	OYABE RIVER FISH COOPERATIVE OYABE RIVER HATCHERY	1 000	1 500	209 600	

B 1. ANNUAL AVERAGE NUMBER OF FISH CAUGHT OFFSHORE DURING THE FIVE YEARS 1970 TO 1974.

PREFECTURE	NUMBER CAUGHT OFFSHORE	NOTES
TOYAMA	2 648	CHUM SALMON
	76 016	CHERRY SALMON

B 2. MONTHLY AVERAGE NUMBER OF FISH CAUGHT OFFSHORE DURING THE FIVE YEARS 1970 TO 1974

CHUM SALMON

PREFECTURE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TOYAMA	--	14	--	--	--	--	--	--	--	143	2 301	190	2 648

CHERRY SALMON

PREFECTURE	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
TOYAMA	2 931	11 443	30 352	28 029	3 324	27	9	1	---	--	--	--	76 016

C. THE ANNUAL AVERAGES OF THE NUMBER CAUGHT IN EACH THIRD OF THE MONTH DURING THE UP-STREAM RUN (FOR THE FIVE YEARS 1970 TO 1974)

㊦ (旬別河川そ上捕獲尾数：昭和45～49年度に亘る5ヶ年平均)

(富山県) (シロサケ)

TOYAMA PREFECTURE

(CHUM SALMON)

RIVER NUMBER	RIVER NAME	OCTOBER			NOVEMBER			DECEMBER			TOTAL	PEAK RUN RATIO		NOTES
		EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE	EARLY	MIDDLE	LATE		PEAK PERIOD	RUN PERIOD	
③	O	0.8	3.8	7.2	9.8	27.8	41.6	20.8	4.2	0.6	116.6	35.7 %	77.4 %	41.6/116.6×100 41.6+27.8+20.8/116.6×100
6	KURIBE	—	—	13.8	73.6	180.4	326.4	240.8	15.6	—	850.6	38.4	87.9	326.4/850.6×100 326.4+240.8+180.4/850.6×100
8	FUSE	—	—	—	12.4	51	165.4	15.4	61.6	—	444.4	37.2	85.7	165.4/444.4×100 165.4+15.4+61.6/444.4×100
14	JINZU	3	104.4	201.4	439.2	551.8	589.2	399	38.8	—	2326.8	25.3	67.9	589.2/2326.8×100 589.2+551.8+439.2/2326.8×100
15	SHOGAWA	44	117.6	210.6	667.8	1399.6	1466.2	161.4	12.4	—	4079.6	35.9	86.6	1466.2/4079.6×100 1466.2+1399.6+667.8/4079.6×100
16	OYABE	—	—	—	—	—	5.6	34	—	—	39.6	85.5	100	34/39.6×100 34+5.6/39.6×100

Appendix

Cooperation between Japan and USSR
in salmon and trout rearing.

Cooperation between Japan and the USSR in salmon and trout rearing was first mentioned during a private meeting between Agriculture and Forestry Minister KONO, Delegate TAKASAKI, Vice-premier MIKOYAN and Fisheries Minister SHIKOYAN which was held during the sixth meeting, in 1962 of the Japan - USSR Fishery Commission. Negotiations and meetings of experts occurred during the next ten years at meetings of the Japan - USSR Fishery Commission, and at the "Preliminary conference of experts regarding improved reproduction of salmon and trout" held at Nahotka in 1972, the following mutual agreement was reached. The experts of both sides found that in order to improve the reproduction the Far-eastern shoals of salmon, it was necessary to increase research and investigational activities and to take practical measures both to improve the natural production of eggs and to improve artificial rearing. The experts of both sides found that the following actions would be desirable as the first steps in cooperative action to improve the reproduction of salmon.

1. An appropriate region along the shore of the North-East Pacific Ocean (such as the Pioner River region) should be chosen and used for the establishment of facilities for coordinated experimental research, whose principal objective would be the improvement of artificial rearing of chum salmon, coho salmon, salmon trout (masou) and cherry salmon.

2. An appropriate region along the shore of the North-East Pacific Ocean (such as the Kurilskoye Lake, Ozernaya River region) should be chosen and used for the establishment of facilities for coordinated experimental research, whose principal objective would be increased efficiency of reproduction in natural conditions of salmon and trout, especially sockeye salmon.

Soon after both sides had agreed on a definite region, there would be agreement on the establishment of facilities for coordinated experimental research. There was also discussion of cooperative activities related to increasing the reproduction of salmon other than the cooperation of experts on both sides already mentioned, and it was found desirable, for example, to make continuing studies of the development of the proposed spawning places in the Kronotskoye Lake. (BOSEN Tadashi, meeting report).

Further negotiations were held during the visit in March 1975 of the Director General of the Japanese Fishery Agency to the USSR and the visit in June 1975 of USSR Fisheries Minister Ishikov to Japan, and the proposals from the meeting of experts were approved. In the view of the Soviet side, the establishment of coordinated experimental research facilities should be accompanied by effective plans to increase reproduction

by rearing, and there was also enthusiastic support for research to increase the effectiveness of natural reproduction in places such as the Kurilskoye Lake. Both countries were also interested in the question of the variations in the quantity of fish caught (which have been rather high in Japan in recent years) and considering that this was also an important point for the Soviet side, all areas of fisheries, resources and rearing were comprehensively included.

The sites chosen for joint rearing activities.

Definite maps were presented and sites proposed by name at the first and second preliminary meetings.

A. Pioner

There was only a very insignificant autumn salmon run on the Forel river in the Pioner region, but there was no spawning place on this river.

The Pionerski hatchery was set up in 1957 in order to increase the autumn salmon run. This started with a capacity of 5 000 000, and it began by receiving eyed eggs from neighbouring hatcheries. (Puritochina, 1968, The artificial creation of a sockeye salmon shoal, Soviet bibliography No. 85). Thus the hatchery was started by transplantation. The most recent results of the Pionerski hatchery are shown in the Table.

YEAR	NUMBER CAUGHT			EGG CAPACITY	NUMBER OF FISH RELEASED	NOTES
	♀	♂	TOTAL			
1960				4,930,600	4,000,000	EGGS TRANSPLANTED
61				4,448,000	4,175,000	
62	1,037	563	1,600	5,400,000	4,322,700	
63	2,237	1,256	3,493	5,750,000	5,321,500	
64	4,347	3,300	7,647	6,200,000	5,668,000	
65	4,000	2,657	6,657	6,599,000	6,020,000	
66	430	278	608	7,000,000	5,346,300	
67	570	414	984	6,900,000	6,796,000	
68	2,040	1,520	3,560	5,896,700	5,739,600	
69	2,550	2,200	4,750	6,382,000	6,185,000	
70	2,461	1,250	3,711	6,300,000	6,166,000	
71	2,680	1,160	4,140	6,600,000	6,485,700	EGGS TRANSPLANTED FROM KILINENKA R. 3,960,000
72	1,020	600	1,620	6,496,000		

Note

Since one female salmon in the Forel river contains, on the average, 2500 eggs, it is supposed that 2 800 000 eggs were received by transplantaion in 1962, 6 900 000* in 1966 and 5 500 000 in 1967. It is also believed that 4 600 000 eggs were transplanted to other hatcheries in 1964 and 3 000 000 in 1965, but no detailed confirmation of this has been obtained. (1972, Report of the 14th visit to the USSR of the fisheries experimental group).

* Sic, but the numbers suggest 5 900 000. Translator.

B. Kurilskoye Lake.

This is the largest Far-East lake for production of sockeye salmon. Most of the Asian sockeye salmon go to the east or west coasts of Kamchatka. The ten year averages from 1964 to 1973 of the size of this resource (the up-stream run quantity, plus the offshore catch and the coastal catch) are 2 500 000 on the east coast of Kamchatka and 6 160 000 on the west coast, so the west coast is the larger. The Kurilskoye shoal is related to the Kamchatka west coast, and the number of adult fish in the up-stream run is shown in the Table below. On the average, the number of adult fish in the up-stream run was 87.5% of the west coast offshore number (within the limits of estimation).

NUMBER OF ADULT SOCKEY SALMON IN THE RUN			
YEAR	UPERUNAYA R TO KURILSKOYE L.	WEST KAMCHATKA OFFSHORE	UNITS, MILLIONS
1964	0.29	0.10	FROM JAPAN - USSR FISHERY COMMISSION DATA.
1965	1.00	1.12	
1966	0.95	1.11	
1967	0.70	0.80	
1968	0.65	0.73	
1969	0.37	0.43	
1970	0.38	0.43	
1971	0.55	0.62	
1972	0.45	0.48	
1973	0.26	0.28	
AVERAGE	0.56 (87.5%)	0.64 (100%)	

There are spawning places in the lake and in the rivers which flow into it. The daily run total of adult fish was recorded by a counting fence near the outlet from the lake into the Ozerunaya river. The Japanese Fishery Agency has a number of detailed reports on the dimensions of Kurilskoye Lake, and these are complemented by the report by Ostroumov (1970) on aerial observation of the number of adult fish in the run. The results are as follows.

1. By comparison with the numbers counted by the counting fence, 70% of the total adult fish arriving could be counted by aerial observation.

2. The total area of the spawning places is $1055 \times 10^3 \text{ m}^2$.

Of this

71% ($755 \times 10^3 \text{ m}^2$) are spawning places in the lake

26% ($270 \times 10^3 \text{ m}^2$) are spawning places in the river

3% ($30 \times 10^3 \text{ m}^2$) are spawning places in river sources.

3. With this total spawning area, the capacity is for 2 500 000 to 3 000 000 fish (0.7 to 0.8 m^2 per adult female).

4. Many of the spawning places are less than 1 to 2 m deep (usually 0.5 to 1 m) but in Sebernaya Bay on the east side of the mouth of the Vikenkaya River only, there are spawning places 4 to 6 m deep.

5. Even if it is to be supposed that there are spawning places more than 10 m deep which cannot be investigated by aerial observation, the number of spawning adults in them is extremely small.

To exhibit the size and characteristics of the lakes, a comparative Table showing Kronotskoye Lake and two Japanese lakes is given.

LAKE	KURILSKOYE L	KRONOTSKOYE L	SHIKOTSU L	TOWADA L
ELEVATION	106m	400m	248m	400m
AREA	75 km ²	242 km ²	77 km ²	60 km ²
MAXIMUM DEPTH	309m	128 km ²	363m	327m
MEAN DEPTH	176m	51.2m	256m	71.0m
OUTLET RIVER	OZERUNAYA R	KRONOTSKAYA R	CHITOSE R	OIRASE R

Kurile Lake is about the same size as Shikotsu Lake, but it is at a lower elevation and on the average is rather shallower.

C. Kronotskoye Lake.

The land-locked Kokanee salmon form of the sockeye salmon lives in this lake, and the number appears to be about 10,000,000. There are at present about 6 falls and rapids on the Kronotskoye River, so it would be possible for sockeye salmon to ascend the river. In fact, with the precedent of the prevention of earth and sand slides by the Oshorokoma sluice gate, there is great enthusiasm for this project.

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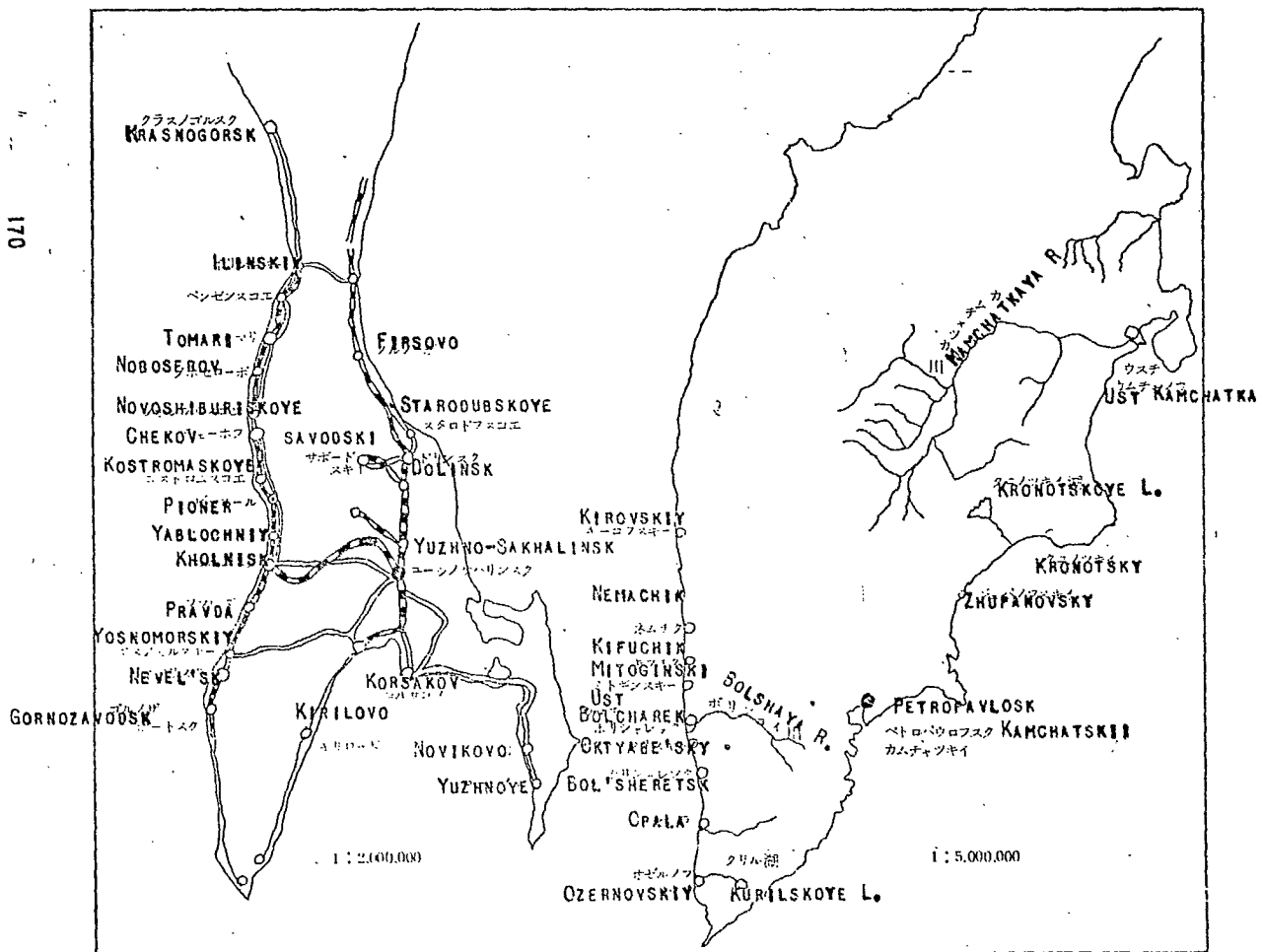
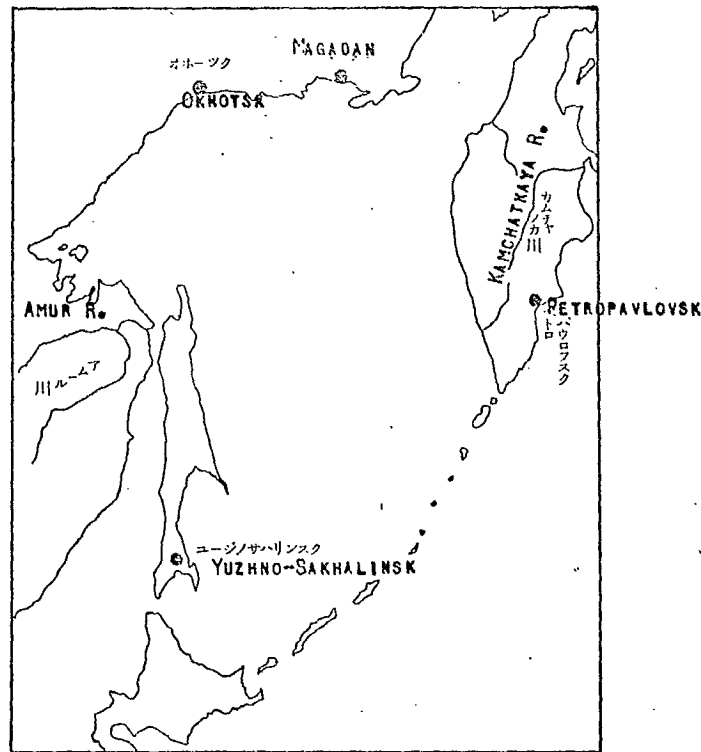
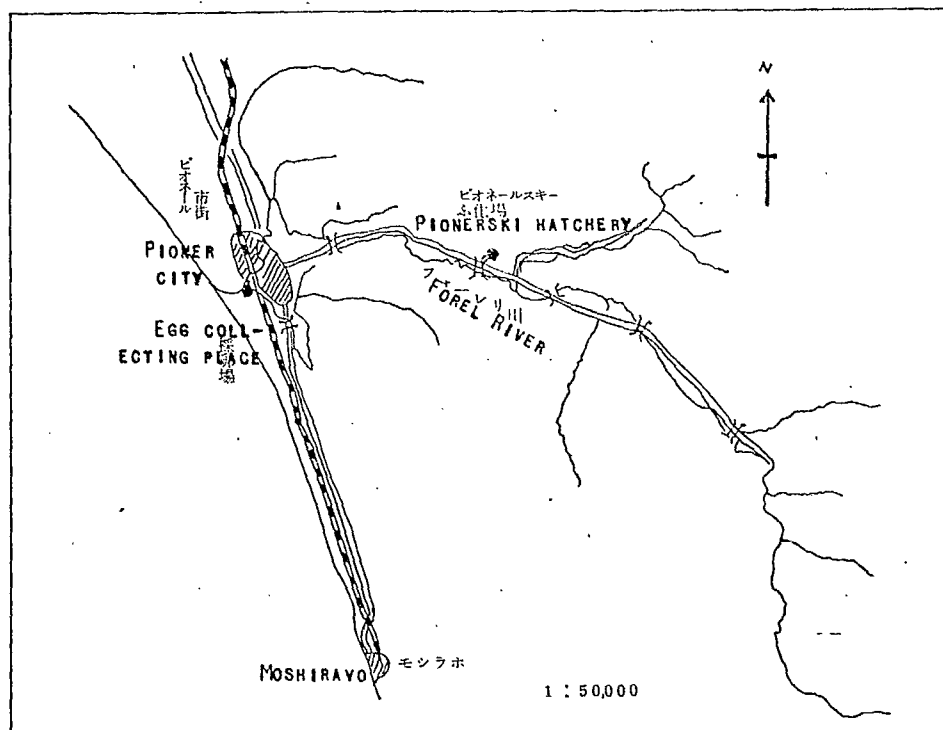


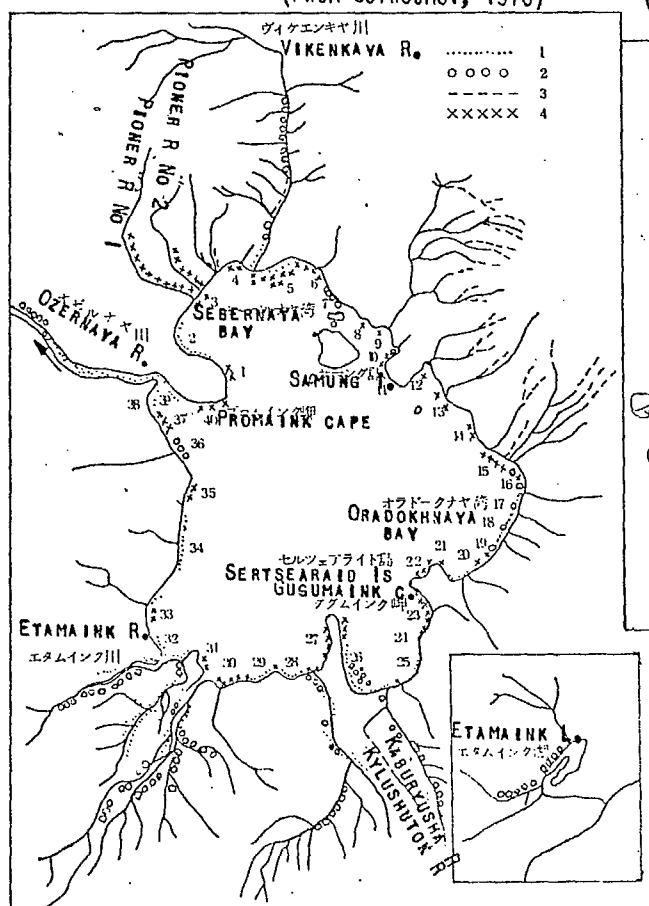
FIGURE 1. THE LOCATIONS OF PIONEER, KURILSKOYE LAKE AND KRONOTSKOYE LAKE.

FIGURE 2. MAPS OF THE DISTRICTS SURROUNDING PIONER, KURILSKOYE LAKE AND KRONOTSKOYE LAKE.

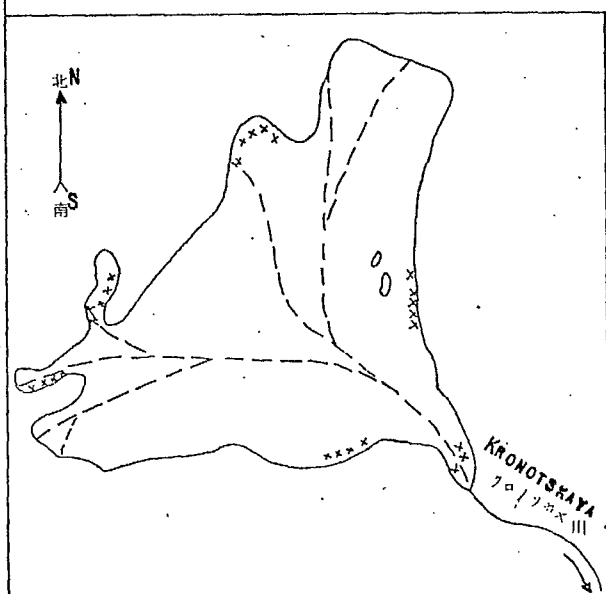
- 第2図 ビオネール クリル湖、クロノッキー湖周辺図
(1) PIONER DISTRICT MAP (FOREL RIVER) (FROM THE REPORT OF THE 14TH VISIT TO THE USSR OF THE FISHERIES EXPERIMENTAL GROUP, 1972)
1) ビオネール周辺図 (フォーレリ川) (1972年度・第14回訪ソ漁業調査報告書より)



- (2) KURILSKOYE LAKE DISTRICT MAP (FROM OSTROUMOV, 1970)
2) クリル湖周辺図 (クレンコフ (1972) より)



- (3) KRONOTSKOYE LAKE DISTRICT MAP (FROM KRENKOV, 1972)
3) クロノッキー湖周辺図 (クレンコフ (1972) より)



NOTES

- 2) SOCKEYE SPawning PLACES IN KURILSKOYE L.
DATA FROM: 1. KUROKHIN-KUROGIUS (1973)
2. AZOREVA (1949)
3. SERIFONOV (DRAFT REPORT)
4. OSTROUMOV

- 3) LANDLOCKED SOCKEYE SPawning PLACES IN KRONOTSKOYE L.
XXXXX - SALMON SPawning PLACES
----- THE PALEO-KHLODACHIK RIVER NET BEFORE THE FORMATION OF KRONOTSKOYE L.

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