SALMON OF THE NORTH PACIFIC OCEAN—PART IV
SPAWNING POPULATIONS OF NORTH PACIFIC SALMON
4. PACIFIC SALMON IN THE UNITED STATES

by
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INTRODUCTION

Five species of salmon (genus *Oncorhynchus*) occur along the Pacific coast of the United States. Although salmon range from California to Alaska, the freshwater distribution of the individual species varies considerably and, with a few exceptions, is related to the physical characteristics of the streams. Lakes are required to support runs of sockeye salmon (*O. nerka*). Chinook salmon (*O. tshawytscha*) and coho salmon (*O. kisutch*) live for some time in streams before migrating to sea, and require rather stable stream conditions for their maintenance. Pink salmon (*O. gorbuscha*) and chum salmon (*O. keta*) spawn close to the ocean, and the young migrate to sea soon after emerging from the gravel ; they can survive in streams subjected to extreme floods and other physical disturbances.

The numbers of salmon which enter any stream to spawn usually vary widely from year to year. This variability in numbers of returning salmon is due to both the effect of natural factors in fresh water and the ocean and to the effect of the fishery upon the stocks. Salmon runs frequently follow definite cycles of abundance which may continue for many years and then suddenly shift to a new series of cycle years.

In some areas the time at which salmon enter the rivers to spawn has changed because of construction of dams, effect of fishing seasons, or for other causes.

Artificial factors have changed the freshwater distribution of salmon and will cause future changes. As an example, the construction of the Grand Coulee, Shasta, and other dams has considerably reduced the distribution of salmon. In other areas, streams have been opened to salmon by laddering falls and other obstacles. Hatchery-reared salmon have been released in streams where salmon did not previously occur, and stable runs have been established which modify the geographical distribution of salmon.

As the scientist reviews the studies of salmon, he is continually confused by reference to spawning in certain areas of a river, the location of particular stocks, or the centers of abundance of fish. The habitat of the Pacific salmon varies widely throughout the range, and frequently significant numbers of salmon spawn in streams which are unnamed and rarely found on the standard available maps. Information is needed on the importance of one stream to the relative abundance of salmon as a whole in that same area, the locations of hatcheries and dams, the time when various salmon runs enter the streams to spawn, and related information. The deliberations of the International North Pacific Fisheries Commission only emphasize this need. This report provides an index to salmon spawning areas on the Pacific coast of the United States and a series of location charts ; it should serve as a reference for individuals working on salmon research or management.

The compilation and presentation of this material has required the help of many people intimately acquainted with the salmon streams and population characteristics of local areas. A list of contributors is given in Table 1[1].

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[1] Tables and figures of this report follow the text, beginning on page 48.

Our thanks are due Dr. Leroy Nordby, who assisted in compiling the information. Miss Virginia Coleman, Mr. James Smith, and Mr. James Bruce prepared the charts. Special credit is due Miss Lorraine Kissack for her extensive editorial work and her compilation of Tables 3 and 4.

INCOMPLETENESS OF INFORMATION

Although most areas are regularly patrolled by management agencies, and indices of abundance obtained for the important salmon streams, there are a few areas in the United States where data are either fragmentary or completely missing. This statement applies especially to small streams along the Arctic coast of Alaska and in the Aleutian area. A number of minor streams entering the Bering Sea and those on the Alaska Peninsula contain small runs of salmon, but, because of their isolation or inaccessibility, are not regularly observed. It is hoped that one of the results of publication of this material will be the gradual addition of information now lacking on the distribution of salmon in the United States.

RANGE OF SALMON DISTRIBUTION

The relative importance of the runs is indicated in Figure 1 by the size of the average catch over a period of 25 years (1936–1960). The centers of abundance vary according to species, and even within species. Centers of greatest abundance for sockeye are in Bristol Bay, Kodiak, Cook Inlet, and Puget Sound. Pink salmon ranks on the average as the most abundant species in the U.S. commercial fisheries ; sockeye, chum, chinook, and coho salmon follow in decreasing order of importance.

The distribution of salmon in the coastal waters of the United States extends as far south as southern California. Hubbs (1946) reported pink salmon, chinook salmon, and coho salmon from La Jolla, California. Snyder (1931) reported that chum salmon enter the Klamath River in the northern part of the state. There are no records of sockeye salmon from California coastal waters ; the southern limit of range for this species appears to be along the coast of Oregon.

Records of the occurrence of salmon along the Arctic coast are limited to two species, chum salmon and pink salmon (Wohlschlag, 1956) taken in the vicinity of Point Barrow. Chinook, coho, and sockeye salmon occur in the coastal waters in Kotzebue Sound, but there are no records indicating their presence farther north in the Arctic Ocean (Fiscus, 1955).

Pacific salmon also occur in waters beyond the northern and southern boundaries of the United States. Coho salmon have been reported by Scofield (1937) to occur as far south as Los Coronados Islands (Baja California), Mexico. Both chum and pink salmon are found in Arctic waters as far east as the Mackenzie River, Yukon Territory, Canada (Dymond, 1940).

Because of the extensive and variable movements of salmon in the sea, a better picture of the continental distribution is given by a review of the location of the spawning grounds. The southern and northern continental limits of the spawning areas of the five species of salmon are summarized in Table 2. Although straying has been reported beyond these limits, only evidence of established runs has been used to define the range of salmon in this review.

SPAWNING STREAMS

This report presents information on approximately 3,000 salmon spawning streams in the United States, extending from inter-tidal areas used by pink and chum salmon in Alaska to tributaries of large rivers such as the Yukon, Columbia, and Sacramento. Figures 5 to 110 show in as much detail as possible the actual location of the stream sections used by spawning salmon, the time of spawning, dams, hatcheries, and other pertinent features. The subarea divisions and grid coordinates used in Figures 5–110 are shown in Figures 2 and 3, respectively. Figure 4 is a key to the symbols used. Table 3 is a key to the occurrence of subareas and coordinates in the figures ; Table 4 is a key to the occurrence of coordinates in the subareas. Appendix I is an alphabetical index to the rivers, lakes and streams shown on the maps as well as to the many streams which could not be shown because of space limitations. In some areas of Alaska, streams were numbered to allow better coverage on the maps and also because many of them are unnamed. A numerical listing is given in Appendix II.

The area used by salmon for spawning varies widely between streams ; in some the salmon disperse generally and in others they concentrate densely in well-defined areas. A coloured line parallel to the stream (in Figures 5–110) indicates the section used for spawning except that in some Alaskan streams the exact location of spawning is not known ; for these streams the line indicates only that it is used and not necessarily the specific spawning areas.

Table 5 shows the number of streams used by each species of salmon in the United States. Chum and pink salmon use the greatest number of streams ;

coho, chinook, and sockeye follow in lesser numbers.

TIME OF SPAWNING

The time at which salmon arrive on the spawning grounds is amazingly consistent ; it varies only a few days from year to year. Certain factors, however, do occasionally influence the time of arrival. The fishery takes its salmon from certain parts of a run and thus changes the pattern of the run as it arrives on the spawning grounds. Oceanographic conditions, especially above-average temperature, have been reported to affect the timing of salmon runs (Int. Pac. Salm. Fish. Comm., 1959). If the time of arrival on the spawning grounds is distorted too much, poor survival of eggs and fry may result (Int. Pac. Salm. Fish. Comm., 1960). As far as information is available, the peak months of spawning for each species are shown on the maps.

NUMBERS OF SALMON

Spawning escapements have been used for many years by management agencies for the regulation of salmon fisheries along the Pacific coast of the United States. The ideal is to obtain an accurate total count of spawners in each stream ; such information is most difficult to obtain (Atkinson, 1944). The numbers of salmon ascending a river to spawn may be estimated or " indexed " by counts made at fishways of dams or at weirs. In either case, fish must swim almost singly over a light-colored " identification " area in order to be counted.

Counts at dams are not complete because some spawning can occur below the dam and fish bound for various streams above are mixed. Fish which pass through navigation locks during lockages are not counted. Also, there is evidence that some fish drop back over dams after having been counted once and are counted again when they resurmount the dam. Therefore, counts at dams are usually only an " index " of the run, not the ideal total count.

It has been possible to install weirs in only a few areas because of the expense, problems of debris and floods, and the possibility of delaying the passage of salmon to the spawning grounds. Weirs occasionally develop holes or " leaks " which allow salmon to ascend undetected, and thereby introduce an unknown error into the counts. The installation of weirs is usually limited to a few major salmon-producing streams, a series of smaller " index " streams, or to controlled research areas. A summary of the total counts obtained at major dams and weirs is given in Tables 6 through 10.

Management agencies have had to depend on semiquantitative indices as a measure of escapement. These estimates, based on counts of live fish observed on spawning grounds, were obtained formerly by foot or boat and more recently by airplane and counting towers (Eicher, 1953 ; Becker, 1962). Counts of live fish are but a small part of the total run ; weather conditions, turbidity, the shifting ratio of live and dead fish, and the individual bias of the observers make them difficult to standardize.

In a few areas estimates have been considerably improved by tagging or other studies which indicate the true magnitude of the runs and provide a basis for correction.

On the basis of experience, observers recognize the relative abundance of spawners necessary to maintain the runs of salmon. They can detect a full distribution of spawners over spawning areas, or evidence of over-crowding. This information, though not quantitative, is used effectively as a comparative index of spawning intensity for management purposes.

Major spawning streams have been indicated on our maps by a red star for escapements averaging 50,000 or more salmon. Unfortunately, this designation by stream does not represent the importance of the combined total escapement of pink and chum salmon from the hundreds of small, short streams in southeastern Alaska, Prince William Sound, and other areas.

DAMS AND OBSTRUCTIONS

One of the most serious problems facing the salmon industry along the Pacific coast of the United States has been the construction of dams on many salmon streams. The height and design of the dams have generally posed varying problems to the passage of adults to the spawning grounds and the descent of young on their way to the sea. Millions of dollars for research and the construction of adequate fish-passage facilities have given assurance that the runs of salmon above most of the dams can be maintained. However, the effect of dams on the survival of the salmon, the change in environmental conditions, and the distribution pattern of the various runs of salmon are not yet completely known.

High dams such as Grand Coulee (Columbia River) and Shasta (Sacramento River) have been built without fishways. Other dams, such as Swan Falls (Snake River), with ineffective fishways have cut off former spawning areas and directly limited the range of salmon. Most dams on the Columbia, Snake, and Sacramento Rivers, and on the smaller rivers, do have fish-passage facilities that allow salmon access to their

native spawning grounds (Table 11). Fishways have been constructed over natural rapids or falls (Table 12) and at certain man-made obstacles such as highway bridges and culverts to open up new areas to salmon spawning. Only fish-passage facilities at dams and obstructions on major salmon spawning streams are listed in Tables 11 and 12, or shown on the maps. A recent study by Weber (1965) shows that there is a total of 167 dams and 129 natural obstructions on Pacific coast streams that have fish-passage facilities at the present time. Some of these facilities are so recent as to have made our maps somewhat out of date before they could be printed.

Although it would be useful to know the efficiency of the various fish-passage facilities, this information is not yet available from present studies. We only know that large numbers of salmon successfully pass over the dams and that spring runs of chinook salmon ascending to the headwaters of the Columbia River are being maintained or even increased (U.S. Bureau of Commercial Fisheries, 1958a).

HATCHERIES

For over 85 years the U.S. Government has supplemented the production of salmon by the operation of hatcheries. The first hatchery was built at McCloud River (California) in 1873. Soon afterwards, in 1876, a hatchery was built at Clackamas, Oregon. The number of hatcheries increased rapidly until 1925, then decreased until after World War II. The operations of the various hatcheries are shown in Table 13. At present, 64 hatcheries are being operated by state and federal agencies for rearing Pacific salmon (Table 14) of which 24 have been built since 1950, mainly to offset damage to fish runs caused by the construction of dams.

RANGE AND AREAS OF MAXIMUM ABUNDANCE OF INDIVIDUAL SPECIES

Chinook Salmon

The southern limit of the range of chinook salmon is the San Joaquin River in California. At present, the Sacramento River is a very important producer of chinook salmon ; the salmon runs have increased in recent years due to the release of cooler water from Shasta Dam above the spawning areas. Historically, the Columbia River has been the major producer of chinook salmon, and it is especially noted for the high commercial quality of its spring run. In the last 25 years a series of dams has been built on the Columbia River which could be partially responsible for a decline in the relative importance of this stream. Chinook salmon provide an important fishery in the area around the Gulf of Alaska and especially southeastern Alaska. There has been a small but productive fishery for chinook salmon on the Yukon River. The northern range for chinook salmon is probably the Unalakleet River (Norton Sound), although there are unconfirmed reports of chinook salmon in Kotzebue Sound.

Chum Salmon

The range of chum salmon extends as far south as the coastal streams of Oregon, and the rivers flowing into Tillamook Bay have consistently produced runs of chum salmon that yield a catch of one million pounds in some years. Chum salmon occur throughout the States of Washington and Alaska. They occur in considerable numbers in the tributaries of the Arctic Ocean and are the predominant species in the far north. Centers of abundance of chum salmon are the southeastern Alaska and Prince William Sound areas.

Coho Salmon

Coho salmon range as far south as northern California, where they usually enter rivers late in the fall and ascend to the headwaters of tributaries. The young characteristically stay in fresh water one year, sometimes longer. The center of abundance for coho salmon is in the streams of Oregon, Washington, and southeastern Alaska. The northern limit of range of coho salmon extends to the Nome River, and perhaps to Kotzebue Sound.

Pink Salmon

Pink salmon range as far south as the Puget Sound area, where they occur only during odd-numbered years. Their northern range extends into the Arctic Ocean, and they are regularly reported from tributaries as far north as the Kotzebue Sound area and occasionally from rivers along the northern coast of Alaska. In general, streams tributary to the Bering Sea and the Arctic Ocean produce relatively minor runs of pink salmon. Centers of abundance for pink salmon are the Kodiak, Cook Inlet, and Prince William Sound areas, but the importance of these areas is overshadowed by the pink salmon runs in southeastern Alaska.

Sockeye Salmon

Sockeye salmon, with few exceptions, are found in rivers tributary to lakes. The young live one or more years in these lakes before migrating to the sea. The southern limit of the range of sockeye salmon in the United States is the Columbia River, where they occur

in the tributaries of three lakes in this system: Redfish Lake in Idaho, Wenatchee Lake in Washington, and Osoyoos Lake in British Columbia. Sockeye salmon also enter several lakes along the coast of the State of Washington. The run of sockeye salmon into Quinault Lake is of special interest, as these fish ascend the river in May and June and remain in the lake until fall before they actually move to the spawning grounds. The sockeye runs to the coastal area and Puget Sound, although of interest, are insignificant as far as commercial production is concerned.

Sockeye salmon are known to occur in Salmon Lake on Seward Peninsula, just south of Bering Strait, and are present in Kotzebue Sound. There are unconfirmed reports that sockeye salmon ascend the Noatak River (Fiscus, 1955).

The center of abundance of sockeye salmon in the United States is Bristol Bay, and to a lesser degree along the southern edge of the Alaska Peninsula and in Prince William Sound. Chignik, Karluk Lake, and Cook Inlet support good runs of sockeye salmon and thevery early run which enters the Copper River is of considerable importance. The most important area in North America, however, centers around five streams which flow into Bristol Bay. The major producer, by far, is the Kvichak River; the Naknek, Ugashik, Egegik, and Nushagak systems follow in order of importance.

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TABLE 1. Contributors of information on geographical distribution of Pacific salmon.

ALASKA

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TABLE 2. Geographical limits of salmon spawning areas in the United States.

Species	Southern limit	Northern limit
Chinook	San Joaquin River, California	Niukluk River (Norton Sound), Alaska
Chum	Coquille River, Oregon	Arctic Coast[1]
Pink	Puyallup River, Washington	Arctic Coast[1]
Coho	San Lorenzo River (near Monterey), California	Nome River, Alaska
Sockeye	Redfish Lake (Snake River), Idaho	Salmon Lake, Alaska

[1] These records are for United States only. Dymond (1940) reports pink and chum salmon from the Mackenzie River, Yukon Territory, Canada.

TABLE 3. Key to subareas and grid coordinates in Figures 5-110.

Subarea number	Name of subarea	Coordinates shown	Figures
1	California coast	P-31, P-32 Q-31-Q-36	5-6
2	Oregon coast	P-28-P-30 Q-26-Q-30	7-9
3	Washington coast	P-24-P-26 Q-24-Q-26	10-14
4	Oregon-Washington; Columbia River	Q-26-Q-29 R-26-R-28	15-17
5	Washington: Upper Columbia River	Q-23-Q-26 R-23-R-26	18-19
6	Oregon-Idaho: Snake River	R-26-R-30 S-26-S-30 T-28-T-30	20-21
7	Alaska: Ketchikan-Wrangell	N-16, N-17 O-16-O-18	22-26
8	Alaska: Ketchikan-Wrangell-West Coast	N-16-N-18	27-30
9	Alaska: Wrangell-Eastern-Western	N-15, N-16	31-34
10	Alaska: Wrangell	N-15, N-16	35-38
11	Alaska: Eastern-Western	M-14, M-15 N-14, N-15	39-42
12	Alaska: Eastern	N-14, N-15	43-45
13	Alaska: Icy Strait	M-13, M-14 N-13, N-14	46-48
14	Alaska: Yakutat	M-12, M-13	49-53
15	Alaska: Copper River	K-9-K-12 L-10-L-12	54-55
15*	Alaska: Prince William Sound	J-11-J-13 K-11-K-13	56-59
16A	Alaska: Cook Inlet—A	J-12, J-13	60-64
16B	Alaska: Cook Inlet—B	J-11, J-12 K-11	65-69
16C	Alaska: Cook Inlet—C	I-11-I-14 J-11, J-12	70-74
17	Alaska: Susitna River	I-10, I-11 J-9-J-11 K-10	75-79
18	Alaska: Kodiak (also Naknek and Ugashik Lakes, Alaska Peninsula)	H-14-H-16 I-14-I-16	80-83
19	Alaska: Alaska Peninsula	F-18 G-16-G-18 H-16-H-18	84-87
20	Alaska: Bristol Bay	G-13, G-14 H-12-H-14 I-12, I-13	88-92
20*	Alaska: Kuskokwim River	F-11-F-13 G-11-G-13 H-11, H-12 I-10-I-12	93-97

Continued . . .

TABLE 3. Continued.

Subarea number	Name of subarea	Coordinates shown	Figures
21	Alaska: Lower Yukon River	F-7-F-10 G-7-G-11 H-6-H-10 I-6-I-9	98-102
22	Alaska: Upper Yukon River	I-5-I-8	103-104
23	Alaska: Kotzebue Sound	F-4-F-7 G-4-G-7 H-4-H-7	105-107
23*	Alaska: Colville River	G-2-G-4 H-1-H-4 I-1-I-4 J-2-J-4	108
24	This subarea is not charted since so little information is available on spawning areas.		
25	Alaska: Aleutian Islands	A20, C-21, D-20, E-19 F-19	109-110

Note: The following rivers are listed in Appendix I which are outside of the subarea divisions of this report or are in subarea 24, which is not illustrated:

Baggage River	M-3 (24)
Big Salmon River	N-11
Canning Creek	K-2-3 (24)
Dididonto River	O-14
Earn River	N-10
Glenlyon River	N-10
Harvey Creek	N-10
Hayes River	N-0-13
Jennings River	N-0-13
Kongakut River	L-3 (24)
Koshin River	O-14
Mamby Creek	L-13
McKlintock River	N-12
McMillan River	N-10
Morley River	N-0-12
Neta River	Q-17
Nisutlin River	N-12
Pelly River	M-10
Talchum River	N-11
Tay Creek	N-10
Teslin River	N-11-12
Yaktze River	L-13

TABLE 4. Key to occurrence of grid coordinates in subareas.

Grid	Subarea number
A-20	25
C-21	25
D-20	25
E-19	25
F-4	23
F-5	23
F-6	23
F-7	21, 23
F-8	21
F-9	21
F-10	21
F-11	20*
F-12	20*
F-13	20*
F-18	19
F-19	25
G-2	23*
G-3	23*
G-4	23, 23*
G-5	23
G-6	23
G-7	21, 23
G-8	21
G-9	21
G-10	21
G-11	20*, 21
G-12	20*
G-13	20, 20*
G-14	20
G-16	19
G-17	19
G-18	19
H-1	23*
H-2	23*
H-3	23*
H-4	23, 23*
H-5	23
H-6	21, 23
H-7	21, 23
H-8	21
H-9	21
H-10	21
H-11	20*
H-12	20, 20*
H-13	20
H-14	18, 20
H-15	18
H-16	18, 19
H-17	19
H-19	19
I-1	23*
I-2	23*
I-3	23*
I-4	23*

Continued . . .

TABLE 4. Continued.

Grid	Subarea number
I-5	22
I-6	21, 22
I-7	21, 22
I-8	21, 22
I-9	21
I-10	17, 20*
I-11	16C, 17, 20*
I-12	16C, 20, 20*
I-13	16C, 20
I-14	16C, 18
I-15	18
I-16	18
J-2	23*
J-3	23*
J-4	23*
J-5	22
J-6	22
J-7	22
J-8	22
J-9	17, 22
J-10	17
J-11	15*, 16B, 16C, 17
J-12	15*, 16A, 16B, 16C
J-13	15*, 16A
K-4	22
K-5	22
K-6	22
K-7	22
K-8	22
K-9	15, 22
K-10	15, 17
K-11	15*, 15, 16B
K-12	15*, 15
K-13	15*
L-4	22
L-5	22
L-6	22
L-7	22
L-8	22
L-9	22
L-10	15, 22
L-11	15
L-12	15
M-12	14
M-13	13, 14
M-14	11, 13
M-15	11
N-13	13
N-14	11, 12, 13
N-15	9, 10, 11, 12
N-16	7, 8, 9, 10
N-17	7, 8
N-18	8
O-16	7

Continued . . .

TABLE 4. Continued.

Grid	Subarea number
O-17	7
O-18	7
P-24	3
P-25	3
P-26	3
P-28	2
P-29	2
P-30	2
P-31	1
P-32	1
Q-23	5
Q-24	3, 5
Q-25	3, 5
Q-26	2, 3, 4, 5
Q-27	2, 4
Q-28	2, 4
Q-29	2, 4
Q-30	2
Q-31	1
Q-32	1

Continued . . .

TABLE 4. Continued.

Grid	Subarea number
Q-33	1
Q-34	1
Q-35	1
Q-36	1
R-23	5
R-24	5
R-25	5
R-26	4, 5, 6
R-27	4, 6
R-28	4, 6
R-29	6
R-30	6
S-26	6
S-27	6
S-28	6
S-29	6
S-30	6
T-28	6
T-29	6
T-30	6

TABLE 5. The numbers of streams known to be used by spawning salmon.

Species	Number of streams	Percentage of total
Chinook salmon	380	13
Chum salmon	1,270	43
Pink salmon	1,392	47
Coho salmon	771	26
Sockeye salmon	714	24

TABLE 6. Total counts of coho

Year	Mokelumne R. Woodbridge Dam	Sacramento R. (Mill Cr.) Clough Dam	Eel R. Benbow Dam	Mad R. Sweasey Dam	Umpqua R. Winchester Dam	Rogue R. Gold Ray Dam	Sandy R. Marmot Dam	Clackamas R. North Fork Dam
1933	—	—	—	—	—	—	—	—
34	—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—
39	—	—	—	—	—	—	—	—
1940	—	—	—	—	—	—	—	—
41	—	—	—	—	—	—	—	—
42	—	—	—	—	—	4,608	—	—
43	—	—	—	—	—	3,290	—	—
44	—	—	—	—	—	3,230	—	—
45	—	—	—	—	—	1,907	—	—
46	—	—	—	—	—	3,840	—	—
47	—	—	—	—	—	5,340	—	—
48	—	—	—	—	—	1,764	—	—
49	—	—	—	—	—	9,440	—	—
1950	—	—	—	—	—	2,007	—	—
51	—	—	—	—	2,259	2,738	—	—
52	—	—	—	—	3,066	320	—	—
53	—	—	—	—	2,356	1,453	—	—
54	—	—	—	—	389	2,138	—	—
55	—	—	—	—	2,697	480	—	—
56	—	201	—	—	2,760	421	—	—
57	—	1,523	5,717	21	1,063	1,075	—	—
58	1	540	5,432	11	573	732	264	614
59	—	57	2,119	3	818	371	330	515
1960	—	—	3,184	544	346	1,851	68	1,331
61	—	—	8,479	244	531	232[1]	1,670	2,174
62	—	—	10,031	710	548	457	1,769	2,189
63	—	—	—	3,580	1,227	3,831	1,458	3,116
64	—	—	—	—	1,166	168	2,119	1,874

[1] Includes seven cohos trapped in January 1960.

salmon at dams and weirs.

Columbia River						Baker R.	Lewis R.	White R.	Cowlitz R.
Bonn. Dam	The Dalles Dam	McNary Dam	Priest Rapids Dam	Rock I. Dam	Ice Hbr. Dam	Baker Dam	Merwin Dam	Mud Mt. Dam	Mayfield Dam
—	—	—	—	182	—	2,062	—	—	—
—	—	—	—	69	—	2,786	—	—	—
—	—	—	—	10	—	19,637	—	—	—
—	—	—	—	—	—	10,082	—	—	—
—	—	—	—	58	—	3,888	—	—	—
15,185	—	—	—	78	—	14,733	—	—	—
14,383	—	—	—	13	—	7,885	19,814	—	—
11,917	—	—	—	2	—	5,343	4,508	111	—
17,911	—	—	—	29	—	5,501	8,411	12	—
12,402	—	—	—	1	—	6,721	5,128	18	—
2,547	—	—	—	22	—	4,723	8,659	1,513	—
4,207	—	—	—	186	—	9,741	8,419	708	—
790	—	—	—	166	—	14,372	6,509	968	—
3,898	—	—	—	32	—	7,431	6,088	3,809	—
11,174	—	—	—	229	—	8,255	11,829	5,023	—
4,081	—	—	—	29	—	9,778	4,750	2,013	—
1,004	—	—	—	40	—	6,774	7,238	6,742	—
10,151	—	—	—	72	—	14,209	11,197	12,510	—
5,201	—	—	—	8	—	10,529	8,912	3,823	—
7,768	—	—	—	22	—	11,542	5,614	8,588	—
13,018	—	—	—	40	—	5,638	7,237	11,976	—
4,062	—	950	—	43	—	5,151	5,435	5,780	—
3,725	—	643	—	51	—	5,513	1,718	3,133	—
6,127	—	683	—	29	—	4,473	4,139	3,425	—
4,675	6,793	2,855	—	33	—	5,264	3,178	2,099	—
3,673	2,395	1,350	—	76	—	12,854	2,232	2,092	—
2,695	2,709	1,970	—	118	—	7,245[1]	3,523	3,473	—
3,268	3,000	1,580	—	94	—	5,955	1,306	1,398	—
3,777	2,143	2,045	—	50	—	19,309	2,741	1,045	23,373
14,788	3,696	3,195	—	737	3,060	26,549	1,396	1,966	24,478
12,658	3,716	3,113	29	20	2,024	3,386	2,261	1,554	22,061
53,602	5,978	3,334	77	61	2,054	11,023	4,852	4,090	24,207

TABLE 7. Total counts of chinook

Year	Mokelumne R.	Sacramento R. (Mill Cr.)	Eel R.	Mad R.	Umpqua R.	Rogue R.	Sandy R.	Clackamas R.	
	Woodbridge Dam	Clough Dam	Benbow Dam	Sweasey Dam	Winchester Dam	Gold Ray Dam	Marmot Dam	North Fork Dam	Bonn. Dam
1933	—	—	—	—	—	—	—	—	—
34	—	—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—	—	—
36	—	—	—	—	—	—	—	—	—
37	—	—	—	—	—	—	—	—	—
38	—	—	—	—	—	—	—	—	271,799
39	—	—	—	—	—	—	—	—	286,189
1940	—	—	—	—	—	—	—	—	391,587
41	—	—	—	—	—	—	—	—	461,443
42	—	—	—	—	—	43,429	—	—	401,942
43	—	—	—	—	—	38,052	—	—	313,123
44	—	—	—	—	—	31,940	—	—	240,764
45	—	—	—	—	—	33,718	—	—	297,478
46	—	—	—	—	—	30,065	—	—	446,052
47	—	—	—	—	—	34,740	—	—	480,377
48	—	—	—	—	—	27,742	—	—	419,555
49	—	—	—	—	—	20,028	—	—	277,697
1950	—	—	—	—	—	16,767	—	—	357,375
51	—	—	—	—	2,953	21,111	—	—	331,788
52	—	—	—	—	5,273	18,488	—	—	420,879
53	—	—	—	—	4,919	33,558	—	—	332,479
54	—	—	—	—	8,190	25,785	400	—	320,947
55	—	—	—	—	8,336	16,550	5	—	359,853
56	474	1,332	1,530	129	9,498	29,952	—	—	300,917
57	2,400	3,554	3,050	495	5,243	18,770	10	—	403,286
58	6,940	3,055	1,472	489	1,459	15,716	78	460	426,419
59	2,106	1,649	473	19	3,898	14,707	304	578	345,028
1960	2,205	2,348	2,665	55	4,121	26,217	2[illegible]	288	256,049
61	137	86[1]	2,046	40	5,343	33,035	37	367	285,072
62	230	801[1]	3,688	238	6,754	32,651	65	666	286,625
63	481	811[1]	2,712	232	11,205	41,527	122	616	278,560
64	—	—	—	—	9,075	38,464	660	450	344,419

[1] Fall run only.

salmon at dams and weirs.

Columbia River						Baker R.	Lewis R.	White R.	Cowlitz R.
The Dalles Dam	McNary Dam	Ice Hbr. Dam	Priest Rapids Dam	Rock I. Dam	Rocky Reach Dam	Baker Dam	Merwin Dam	Mud Mt. Dam	Mayfield Dam
—	—	—	—	5,568	—	23	—	—	—
—	—	—	—	6,482	—	31	—	—	—
—	—	—	—	16,310	—	32	—	—	—
—	—	—	—	7,396	—	11	—	—	—
—	—	—	—	5,133	—	13	—	—	—
—	—	—	—	5,803	—	—	—	—	—
—	—	—	—	11,206	—	17	1,109	—	—
—	—	—	—	9,492	—	5	8,288	—	—
—	—	—	—	2,571	—	20	976	1,089	—
—	—	—	—	6,814	—	8	396	5,432	—
—	—	—	—	11,145	—	12	710	4,603	—
—	—	—	—	3,375	—	38	984	3,756	—
—	—	—	—	5,696	—	83	1,257	2,584	—
—	—	—	—	9,992	—	19	1,228	3,843	—
—	—	—	—	11,786	—	91	1,136	1,470	—
—	—	—	—	7,095	—	4	1,088	1,841	—
—	—	—	—	12,358	—	13	796	1,378	—
—	—	—	—	8,292	—	16	1,789	1,849	—
—	—	—	—	18,794	—	26	3,226	719	—
—	—	—	—	20,114	—	7	1,690	841	—
—	—	—	—	30,908	—	7	801	931	—
—	126,555	—	—	33,261	—	3	2,718	633	—
—	108,915	—	—	25,733	—	1	1,558	630	—
—	114,342	—	—	24,910	—	4	1,946	794	—
312,678	292,696	—	—	50,745	—	24	327	374	—
301,960	226,092	—	—	32,981	—	130	232	244	—
207,461	171,490	—	—	23,334	—	236	252	261	—
196,962	176,767	—	—	26,535	—	354	1,557	528	—
201,335	154,996	—	—	33,077	—	361	762	505	5,914
187,132	152,756	94,301	—	34,155	18,545	150	838	164	6,084
180,969	154,459	61,190	45,682	34,688	10,587	532	561	447	9,960
183,842	168,107	59,573	50,035	39,951	25,312	251	2,104	658	23,953

TABLE 8. Total counts of chum salmon at dams and weirs.

Year	Columbia River			Southeastern Alaska		
	Bonneville Dam	The Dalles Dam	McNary Dam	Old Toms Creek	Katlian River	Herman Creek
1933	—	—	—	—	—	—
34	—	—	—	—	—	—
35	—	—	—	—	—	—
36	—	—	—	—	—	—
37	—	—	—	—	—	—
38	2,117	—	—	—	—	—
39	1,168	—	—	—	—	—
1940	1,729	—	—	—	—	—
41	5,269	—	—	—	—	—
42	1,865	—	—	—	—	—
43	788	—	—	—	—	—
44	954	—	—	—	—	—
45	728	—	—	—	—	—
46	1,178	—	—	—	—	—
47	199	—	—	—	—	—
48	3,636	—	—	—	—	—
49	2,028	—	—	19,000	10,000	12,000
1950	1,069	—	—	7,000	5,000	29,000
51	1,044	—	—	22,000	18,000	14,000
52	1,505	—	—	15,000	3,000	11,000
53	1,728	—	—	23,000	7,000	13,000
54	1,569	—	1	4,000	13,000	4,000
55	318	—	—	4,000	8,000	2,000
56	693	—	—	54,000	13,000	5,000
57	569	75	—	23,000	—	—
58	455	31	—	15,000	—	—
59	906	25	—	few	—	—
1960	1,026	35	—	—	—	—
61	1,097	—	—	—	—	—
62	1,013	—	—	—	—	—
63	739	23	—	—	—	—

TABLE 9. Total counts of pink salmon at dams and weirs.

Year	Baker River	Southeastern Alaska			
	Baker Lake	Little Port Walter	Old Toms Creek	Katlian River	Herman Creek
1933	13	—	—	—	—
34	—	—	—	—	—
35	54	—	—	—	—
36	1	—	—	—	—
37	—	—	—	—	—
38	—	—	—	—	—
39	180	—	—	—	—
1940	—	53,600	—	—	—
41	164	84,300	—	—	—
42	1	91,900	—	—	—
43	309	15,000	—	—	—
44	5	4,100	—	—	—
45	900	5,500	—	—	—
46	—	900	—	—	—
47	2,945	1,500	—	—	—
48	29	600	—	—	—
49	71	4,900	28,000	12,000	88,000
1950	5	100	17,000	2,000	54,000
51	272	4,400	52,000	14,000	91,000
52	—	—[1]	9,000	2,000	22,000
53	38	1,100	4,000	2,000	5,000
54	—	—	49,000	2,000	14,000
55	16	9,200	25,000	3,000	5,000
56	—	900	34,000	4,000	31,000
57	12	2,600	2,000	—	—
58	1	200	3,000	—	—
59	11	35,400	2,000	—	—
1960	—	162	—	—	—
61	85	28,759	—	—	—
62	1	8	—	—	—
63	171	16,757	—	—	—
64	—	2,200	—	—	—

[1] Destroyed.

TABLE 10. Total counts of sockeye salmon at dams and weirs.

Year	Columbia River								Snake River	Pr. Wm. Sound	Cook Inlet		
	Bonn. Dam	The Dalles Dam	McNary Dam	Ice Hbr. Dam	Priest Rapids Dam	Rock I. Dam	Rocky Reach Dam	Baker River Dam	Redfish Lake	Eshamy Weir	Fish Cr. (Knik Arm) Weir	Chenik Cr. Weir	English Bay Weir
1933	—	—	—	—	—	40,737	—	666	—	—	—	39,200	—
34	—	—	—	—	—	2,227	—	1,284	—	—	—	35,800	1,700
35	—	—	—	—	—	14,013	—	3,522	—	—	—	16,000	15,900
36	—	—	—	—	—	16,500	—	3,982	—	—	—	19,300	15,800
37	—	—	—	—	—	15,089	—	3,510	—	—	—	8,300	19,900
38	75,040	—	—	—	—	17,095	—	2,846	—	—	182,463	3,800	16,800
39	73,382	—	—	—	—	19,591	—	5,775	—	—	116,558	4,100	48,800
1940	148,807	—	—	—	—	27,093	—	5,166	—	—	305,982	—	30,400
41	65,741	—	—	—	—	963	—	5,937	—	—	55,077	—	26,900
42	55,464	—	—	—	—	16,340	—	6,894	—	—	—	—	—
43	39,845	—	—	—	—	17,522	—	2,435	—	—	—	—	—
44	15,072	—	—	—	—	5,035	—	2,688	—	—	—	—	—
45	9,501	—	—	—	—	7,148	—	2,737	—	—	—	—	—
46	74,376	—	—	—	—	45,030	—	4,892	—	—	57,000[1]	—	—
47	171,139	—	—	—	—	79,831	—	1,980	—	—	150,000[1]	—	—
48	131,541	—	—	—	—	84,184	—	4,610	—	—	150,000[1]	—	—
49	51,444	—	—	—	—	18,600	—	3,494	—	—	68,240	—	—
1950	77,993	—	—	—	—	50,134	—	2,416	—	30,400	29,649	—	—
51	169,428	—	—	—	—	101,826	—	3,705	—	62,700	34,704	—	—
52	184,645	—	—	—	—	114,349	—	3,401	—	42,700	92,724	—	—
53	235,215	—	—	—	—	151,747	—	3,091	—	4,600	54,345	—	—
54	130,107	—	108,181	—	—	91,234	—	2,046	1,007	1,400	23,287	—	—
55	237,748	—	173,758	—	—	165,055	—	1,076	4,361	2,900	37,445	—	—
56	156,418	—	102,145	—	—	92,443	—	1,070	1,381	46,900	42,663[2]	—	—
57	82,915	90,201	85,460	—	—	71,261	—	1,177	571	51,300	15,630	—	—
58	122,389	111,039	102,397	—	—	98,695	—	2,692	55	5,200	26,000[3]	—	—
59	86,560	86,259	83,977	—	—	72,351	—	1,911	290	800	77,416[4]	—	—
1960	59,713	59,441	55,372	—	58,201	60,341	—	1,258	75	13,815	—	—	—
61	17,111	16,689	16,388	—	19,520	19,233	11,413	450	14	47,475	—	—	—
62	28,074	27,127	29,372	37	—	29,253	13,218	3,449	39	9,490	—	—	—
63	60,319	56,931	59,744	1,118	64,883	64,768	42,236	8,241	395	—	—	—	—
64	99,855	79,042	83,931	1,276	79,071	69,411	40,590	2,242	335	—	63,128	—	—

[1] Estimated escapement—no weir installed.
[2] Estimated escapement—weir washed out.
[3] Estimated escapement—high water condition.
[4] Estimated escapement—initial year of screen count sampling method.

Continued . . .

TABLE 10. Continued.

Kodiak				Alaska Peninsula			Bristol Bay			
Alitak Bay Upper Station	Alitak Bay Cannery Station	Karluk Weir	Red River Weir	Bear River Weir	Chignik Weir	Orzenoi River Weir	Kvichak River Weir	Naknek River Weir	Egegik River Weir	Ugashik River Weir
—	90,000	—	—	—	535,000	—	—	—	—	—
—	70,000	—	1,159,000	—	1,283,000	6,600	—	—	—	—
—	85,000	—	518,000	—	640,000	28,500	—	—	—	—
—	100,000	—	491,000	—	902,000	31,700	—	—	—	—
146,000	252,000	—	254,000	—	597,000	16,300	—	—	—	—
616,000	97,000	1,230,000	186,000	—	1,615,000	8,700	—	—	—	—
336,000	59,000	706,000	184,000	—	550,000	10,400	—	—	—	—
294,000	31,000	816,000	285,000	—	1,100,000	16,400	—	—	—	—
356,000	47,000	932,000	281,000	—	250,000	8,200	—	—	—	—
258,000	49,000	629,000	285,000	—	—	—	—	—	—	—
—	—	921,000	—	—	—	—	—	—	—	—
462,000	80,000	769,000	—	—	—	—	—	—	—	—
518,000	118,000	659,000	428,000	—	—	—	—	—	—	—
210,000	48,000	442,000	200,000	—	—	—	—	—	—	—
186,000	45,000	485,000	238,000	—	—	—	—	—	—	—
162,000	40,000	754,000	218,000	—	300,000	—	—	—	—	—
153,000	20,000	691,000	102,000	—	771,000	—	—	—	—	—
117,000	6,000	759,000	177,000	—	1,041,000	—	—	63,430	—	2,250,000
210,000	6,000	—	59,000	—	601,000	—	—	359,635	—	205,881
188,000	17,000	—	44,000	—	288,000	—	—	103,178	756,921	651,209
197,000	15,000	—	120,000	141,000	380,000	—	—	284,626	519,573	1,056,361
81,000	4,000	—	107,000	186,000	452,000	—	—	799,167	507,298	458,635
128,000	2,000	385,719	86,000	213,000	447,000	—	(T) 250,546	287,500	271,039	76,982
185,000	2,000	137,647	72,000	203,000	753,000	—	(T) 9,443,338	1,772,593	1,104,230	425,285
73,207	5,740	220,675	154,895	170,000	509,000	—	(T) 2,842,810	(T) 634,655	(T) 381,207	(T) 214,802
87,848	5,658	273,523	91,242	181,000	325,000	—	(T) 534,785	(T) 278,118	(T) 246,354	(T) 279,546
92,895	—	(T) 444,230	84,253	192,000	411,000	—	(T) 685,615	(T) 2,230,000	(T) 1,072,459	(T) 218,723
73,826	—	348,691	—	185,000	608,000	—	(T) 14,515,723	(T) 828,381	(T) 1,798,764	(T) 2,304,200
—	—	247,820+	—	185,000	407,000	—	(T) 3,705,849	(T) 351,078	(T) 701,538	(T) 348,639
—	—	—	—	152,000	483,000	—	(T) 2,580,572	(T) 722,062	(T) 1,027,482	(T) 255,426
—	—	—	—	152,789	532,338	—	(T) 338,760	(T) 905,358	(T) 997,602	(T) 388,254
11,562[5]	—	(T) 199,782[6]	—	279,267	301,637	—	(T) 957,120	(T) 1,349,604	(T) 849,576	(T) 472,770

[5] Escapement to July 18.

[6] Escapement to August 3.

(T) Tower counts.

TABLE 11. List of dams and fish facilities.

State, stream and dam	Type of fish facility	Vertical rise (feet)	Year fishway completed
ALASKA			
Ship Creek			
Dam Number 1	Ladder	6	1952
Dam Number 2	"	5	1954
Dam Number 3	"	4.5	1962
Dam Number 4	"	5	1965
Dam Number 5	No facility	—	—
CALIFORNIA			
Antelope Creek			
Irrigation Dam	Fishway	20	1961
Battle Creek			
Power Dam	Ladder	10	Prior 1934
Butte Creek			
Adams Dam	Fishway	8	1952
Durham Mutual Dam	"	6	1952-1960
Howard Slough Dam	"	8	1953
McGowan Brothers Dam	"	6	1952
Parrott-Phelan Dam	"	6	1952
Western Canal Dam	"	8	1950
Clear Creek			
McCormick-Saeltzer Dam	Fishway	18	—
Cosumnes River			
Granless Dam	Fishway	8	—
Deer Creek			
Stanford-Vina Dam	Fishway	10	1915
Eel River			
Benbow Dam	Fishway	15	1938
Capehorn Dam	"	40	1900-1920
Feather River			
South Butte Dam	Fishway	10	1951
Western Diversion Dam	"	8	—
Mad River			
Sweasey Dam	Ladder	64	1938
Merced River			
Cowell Dam	Fishway	6	—
Mill Creek			
Clough Dam	Fishway	20	1945
Ward Dam	"	7	1938
Irrigation Dam	"	5	—
Mokelumne River			
Woodbridge Dam	Fishway	18	1948-1955
Sacramento River			
Keswick Dam	Fishway	13	1943
Red Bank Dam	No fishway	—	—
Shasta Dam	No fishway	560[1]	—
San Lorenzo River			
Santa Cruz Water Co. Dam	Fishway	4-5	1959
Salmon River			
Sawyers Bar City Dam	Fishway	10	1948
Trinity River			
Barrier Dam	Fishway	10	—
Yuba River			
Daguerre Point Dam	Fishway	20	1951
Diversion Dam	"	—	—

Continued . . .

TABLE 11. Continued,

State, stream and dam	Type of fish facility	Vertical rise (feet)	Year fishway completed
IDAHO			
Clearwater River			
Power Dam	Fishway	45	1939
Selway River			
Moose Creek Power Dam	Fishway	7	1962
OREGON			
Alsea River (South Fork)			
Henning Dam	Fishway (ladder)	6	1945
Big Sandy River			
Marmot Dam	Fishway (ladder)	40	1907
Calapooya River			
Diversion Dam	Fishway	5	1953
Thompson Flour Mill Dam	"	5	1956
Clackamas River			
Cazadero & North Fork Dam	Fishway (ladder)	196	1958
River Mill Dam	" "	70	1912
Deschutes River			
Pelton Dam	Ladder & Skimmer	188	1958
Round Butte	Upstream & downstream collecting & hauling	—	—
Hood River			
Powerdale Dam	Fishway (ladder)	12	1937
Hood River (East Fork)			
Dee Dam	Fishway	38	—
Lewis and Clark River			
Warrenton Dam	Fishway	15	—
Lostine River			
Lostine City Dam	Fishway	6	1963
McKenzie River			
Carmen Smith Dam	Artificial spawning	—	—
Leaburg Dam	Fishway	20	1959
Cougar Dam	Collecting & hauling	—	1960
North Santiam River			
Stayton Dam	Fishway	15.5	—
Rickreall Creek (Willamette Riv.)			
City Dam	Fishway	6	—
Rogue River			
Gold Ray Dam	Fishway (ladder)	17-23	1941
Savage Rapids Dam	Fishway	—	—
Santiam River			
Detroit Dam (N. Santiam)	Hatchery & trapping	—	1953
Lebanon Dam (S. Santiam)	3 fishways	6	1947-1960
Silver Creek (Pudding Riv.)			
Silverton City Dam	Fishway	5	—
Tualatin River (Willamette Riv.)			
Diversion Dam	Fishway	4	—
Mill Dam (Dairy Cr.)	"	—	—
Umatilla River			
Three-mile Dam	Fishway	21	1914-1964
Umpqua River			
Winchester Power Dam	Fishway	8	—
Yamhill River (North Fork)			
Carlton Dam	total block to fish	24	—
OREGON-WASHINGTON-IDAHO			
Main Columbia River			

Continued . . .

TABLE 11. Continued.

State, stream and dam	Type of fish facility	Vertical rise (feet)	Year fishway Completed
Bonneville	Collection system ; ladders ; locks	59[1]	1938
The Dalles	Collection system ; ladders ; locks	88[1]	1957
John Day	Collection system ; ladders	—	—
McNary	Collection system ; ladders	92[1]	1953
Priest Rapids	Collection system ; ladders	80.7[1]	1960
Wanapum	Collection system ; ladders	81.5[1]	1963
Rock Island	Collection system ; ladders	35[1]	1932
Rocky Reach	Collection system ; ladders	95[1]	1961
Chief Joseph	none	175[1]	—
Grand Coulee	none ; relocation hatcheries	343[1]	—
Snake River			
Ice Harbor	Fishway (ladders)	96[1]	1961
Oxbow	Collecting & hauling	117[1]	—
Brownlee	" "	277[1]	—
Swan Falls	Fishway	—	—
WASHINGTON			
Cowlitz River			
Mayfield Dam	Collecting & hauling	185	1962
Deschutes River			
Capitol Lake Dam	Collecting & hauling	—	1949
Entiat River			
Irrigation Dam	Collecting & hauling	4	1947
Methow River (Columbia River)			
Irrigation Dam	Fishway	4	1944
Nisqually River			
Water Supply Dam	Fishway	—	—
Okanogan River			
Zosel Dam	Fishway	4	1947
Pilchuck River			
Water Supply Dam	Fishway	6	1949
Skookumchuck River			
Mill Dam	Fishway	—	1935
Touchet River (Walla Walla Riv.)			
Eastside-Westside Dam	Fishway	3	1962
Tucannon River (Snake River)			
Diversion Dam	Fishway	5	1964
Starbuck Dam	"	3	1964
Unnamed Slough (Chehalis River)			
Dam	Fishway	—	1936
Walla Walla River (Columbia Riv.)			
Burlingame Dam	Fishway	5	1949
Wenatchee River (Columbia Riv.)			
Dryden Dam	Fishway	4	1948
Tumwater Dam	"	—	1940
White River (Puyallup River)			
Water Supply Dam	Fishway	5	1949
Mud Mountain Dam	"	—	—
Yakima River			
Easton Dam	Fishway	—	—
Horn Rapids Dam	"	4	1930
Prosser Dam	"	14	1930–1956
Sunnyside Dam	"	7	1929
Roza Dam	"	34	1938
Wapato Dam	"	11	1917

[1] Gross head of dam.

TABLE 12. Fishways at natural obstructions.

State and stream	Year Completed	Extent of area opened to salmon
ALASKA		
Bakewell Creek (Ketchikan)	1957	740 acre lake plus 14 miles of stream
Billies Hole (Prince William Sound)	1963	2½ miles
Falls Creek (Petersburg)	1951	8½ miles
Fritz Creek (Homer)	1961	8 miles
Gretchen Creek (Afognak I.)	1952-64	53 acre lake, 1 3/4 miles of stream
Ketchikan Creek	1957	—
Laura Creek (Afognak I.)	1952-1963	616 acre lake plus ½ mile of stream
Naha Creek	1949	—
Shrode Creek (Prince William Sound)	1962	500 acre lake plus tributaries 1 3/4 miles
Frazer Lake (Kodiak I.)	1963	6,000 acre lake plus 28 miles of tributary stream
CALIFORNIA		
Big Chico Creek	1958	13 miles
Deer Creek	1942-1954	17½ miles
Hayfork River	1964	18 miles
IDAHO		
Clearwater River, S. Fork	1963	70 miles
Lochsa River	1962	—
Salmon River (Middle Fork)	1961	100 miles
Selway River	1962	70 miles
OREGON		
Clatskanie River	1953	16 miles
Coquille River, N. Fork	1955	12 miles
Deschutes River & tributaries	1920-1948	150 miles
Eagle Creek (Clackamas River)	1957	27 miles
Fall Creek (Alsea River)	1948	12 miles
Farnam Creek (Siuslaw River)	1962	95+ miles
Hawley Creek (Siuslaw River)	1962	—
Hood River, West Fork	1956	—
Illinois River (Rogue River)	1961	58 miles
Klaskanine River (Columbia River)	1963	7 miles
Little Nestucca River	1948-1950	—
Little North Fork (Santiam River)	1958	14 miles
Middle Creek (Coquille River)	1963	10 miles
Millicoma River (Coos River)	1956	30 miles
Minam River (Grande Ronde River)	1964	15 miles
Nehalem River	1952	130 miles
Nehalem River, N. Fork	1958	25+ miles
Scappoose Creek (Columbia River)	1951-1957	15+ miles
Siletz River	1953	—
Smith River	1949-1964	150+ miles
Steamboat Creek (Umpqua River)	(1959)	24 miles
Steel Creek (Coquille River)	1961-1963	—
Umpqua River	1955	25 miles
Willamette River	1920	2,400+ miles
WASHINGTON		
Abernathy Creek (Columbia River)	1954	14 miles
Chambers Creek (Puget Sound)	1951-1954	3 miles
Coweman River (Cowlitz River)	1955	9 miles
Deschutes River (Puget Sound)	1953-1954	25 miles
Duckabush River (Hood Canal)	1952	7 miles
Elokomin River (Columbia River)	1957	8 miles
Fall River (Willapa Bay)	1964	7 miles
Grays River, E. Fork (Columbia Riv.)	1956	3 miles
Green River (Toutle River)	1958	13 miles

Continued . . .

TABLE 12. Continued.

State and stream	Year Completed	Extent of area opened to salmon
Hoko River (Strait of Juan de Fuca)	1952	20 miles
Kalama River (Columbia River)	1957	30 miles
Klickitat River (Columbia River)	1954-1963	25+ miles
Olequa Creek (Cowlitz River)	1952-1953	1½ miles
Skookumchuck River (Chehalis River)	1950	12 miles
Skykomish River	1958	30 miles
Stillaguamish River, S. Fork	1954-1957	25+ miles
Washougal River (Columbia River)	1954-1956	1+ miles
Wind River (Columbia River)	1954-1955	20+ miles

TABLE 13—overleaf

TABLE 13. Salmon hatcheries operated on the United States Pacific Coast, 1872–1962—Alaska, California, Idaho.

	ALASKA													CALIFORNIA																														IDAHO	
Year	Afognak	Callbreath	Cordova	Fire Lake	Fortmann	Hetta	Juneau	Karluk	Ketchikan	Klawak	Quadra	Seward	Yes Bay	Baird-McCloud	Battle Creek	Bear Valley	Big Creek	Brookdale	Burney Creek	Cold Creek	Eel River—	Cedar Creek	Fort Seward	Price Creek	Darrah Springs	Feather River	Forest Home	Hat Creek	Humbolt State College	Hornbrook	Klamath—Fall Creek	Lake Alamandor	Mad River	Mill Creek	Moccasin Creek	Mt. Shasta	Nimbus	Prairie Creek	Sacramento Exper. Sta.	Trinity—Fort Gaston	Salmon River	Year
1872	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1872
73	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	73
74	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74
75	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75
76	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76
77	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77
78	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78
79	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79
1880	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1880
81	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81
82	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	82
83	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	83
84	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	84
85	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85
86	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	I	—	—	—	—	—	—	—	—	—	—	—	—	—	—	86
87	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	C	—	—	—	—	—	—	—	X	—	—	—	—	—	—	87
88	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	88
89	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	89
1890	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	—	1890
91	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	—	91
92	—	P	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	—	92
93	—	P	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	X	—	—	—	U	—	—	93
94	—	P	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	X	—	—	—	U	—	—	94
95	—	P	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	X	—	—	—	U	—	—	95
96	—	P	—	—	—	—	—	P	—	—	—	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	C	—	—	X	—	—	—	U	—	—	96
97	—	P	—	—	—	P	—	P	—	P	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	X	—	—	—	I	—	—	97
98	—	P	—	—	P	P	—	P	—	P	P	—	—	U	U	U	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	C	—	—	X	—	—	—	C	—	—	98
99	—	P	—	—	P	P	—	P	—	P	P	—	—	U	U	—	—	—	—	—	—	—	—	D	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	99
1900	—	P	—	—	P	P	—	P	—	P	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	1900
01	—	P	—	—	P	P	—	P	—	P	P	—	—	U	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	01
02	—	P	—	—	P	P	—	P	—	P	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	02
03	—	P	—	—	P	P	—	P	—	P	P	—	—	U	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	03
04	—	P	—	—	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	04
05	—	P	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	05
06	—	P	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	06
07	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	E	—	—	07
08	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	08
09	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	—	X	—	—	—	—	—	—	09

1910	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	X	—	—	—	—	—	U	—	—	—	U	—	X	—	—	X	—	—	1910
11	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	X	—	—	—	—	D	—	—	—	—	—	U	—	—	—	U	—	X	—	—	X	—	—	11
12	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	X	—	—	—	—	—	—	—	—	—	—	U	—	—	—	U	—	X	—	—	C	—	—	12
13	U	—	—	P	P	P	—	P	—	P	P	—	U	U	U	—	—	—	—	—	—	—	X	—	—	—	—	—	U	—	—	—	U	—	X	—	—	—	—	—	13
14	U	—	—	P	P	P	—	P	—	P	P	—	U	I	U	—	—	—	—	—	—	—	X	—	—	—	—	—	U	—	—	—	U	—	X	—	—	—	—	—	14
15	U	—	—	P	P	P	—	P	—	P	P	—	U	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	R	—	—	—	U	—	X	—	—	—	—	—	15
16	U	—	—	P	P	P	—	—	—	P	P	—	U	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	U	—	X	—	—	—	—	—	16
17	U	—	—	P	P	—	—	—	—	P	P	—	U	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	—	17
18	U	—	—	P	—	—	P	—	—	—	P	—	U	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	—	18
19	U	—	—	P	—	—	P	—	—	—	P	—	U	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	—	19
1920	U	—	—	P	—	—	P	—	—	—	P	—	U	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	1920
21	U	—	P	P	—	—	P	—	—	—	P	—	—	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	21
22	U	—	P	P	—	—	P	—	—	—	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	22
23	U	—	P	P	—	—	P	—	—	—	P	P	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	23
24	U	—	P	P	—	—	P	—	—	—	P	P	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	24
25	U	—	P	P	—	—	P	—	—	—	P	P	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	25
26	U	—	P	P	—	—	P	—	—	—	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	26
27	U	—	P	P	—	—	—	—	—	—	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	U	27
28	U	—	—	P	—	—	—	—	—	—	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	X	—	U	28
29	U	—	—	P	—	—	—	—	—	—	P	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	X	—	U	29
1930	U	—	—	P	—	—	—	—	—	—	P	—	—	U	U	—	X	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	X	—	U	1930
31	U	—	—	P	—	—	—	—	—	—	P	—	—	I	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	X	—	U	31
32	U	—	—	—	—	—	—	—	—	—	P	—	—	I	U	—	—	X	X	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	X	—	—	X	—	U	32
33	U	—	—	—	—	—	—	—	—	—	P	—	—	I	U	—	—	X	X	—	—	—	—	—	X	—	—	—	—	X	—	—	U	—	—	—	—	X	—	U	33
34	—	—	—	—	—	—	—	—	—	—	—	—	—	I	U	—	—	X	—	—	—	—	—	—	X	—	—	—	—	X	—	—	U	—	X	—	—	X	—	U	34
35	—	—	—	—	—	—	—	—	—	—	—	—	—	I	U	—	—	X	—	—	—	—	X	—	X	—	—	—	—	X	—	—	U	—	X	—	—	X	—	U	35
36	—	—	—	—	—	—	—	—	—	—	—	—	—	I	U	X	—	X	—	—	—	—	—	—	X	—	—	—	—	X	—	—	U	—	X	—	—	X	—	—	36
37	—	—	—	—	—	—	—	—	—	—	—	—	—	C	U	X	—	X	—	X	—	—	—	—	X	—	—	—	—	X	—	—	U	—	X	—	—	X	—	C	37
38	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	X	—	X	—	—	—	—	—	—	—	—	—	—	—	X	—	—	U	—	X	—	—	X	—	—	38
39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	X	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	U	—	X	—	—	X	—	—	39
1940	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	X	—	X	—	—	U	—	X	—	—	X	—	—	1940
41	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	X	—	—	—	—	—	—	—	—	—	X	—	X	—	—	U	—	—	—	—	X	—	—	41
42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	U	—	—	—	—	X	—	—	42
43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	43
44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	44
45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	45
46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	46
47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	47
48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	48
49	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	49
1950	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	1950
51	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	51
52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	52
53	—	—	—	X	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	X	—	—	X	—	—	53
54	—	—	—	X	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	X	X	—	—	X	—	—	54
55	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	55
56	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	56
57	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	57
58	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	58
59	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	59
1960	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	1960
61	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	61
62	X	—	—	X	—	—	—	—	X	—	—	—	—	—	U	—	—	—	—	—	—	X	—	—	X	—	—	—	—	—	—	—	—	X	X	X	—	X	—	—	62

C=Closed by flood; D=destroyed by flood, etc.; E=eyeing station; I=insufficient spawners; P=privately operated; R=relocated; U=operated by U.S. Govt.; X=operated by state

TABLE 13. Continued—Oregon (part).

OREGON

Year	Alsea	Applegate	Big Creek	Bonneville	Breitenbush	Calapooya	Cascade	Cedar Creek	Clackamas-Cazedero	Clackamas-Lower	Clackamas	Clackamas-Upper	Coos Bay	Coquille River	Deschutes	Eagle Creek	Gates Creek	Grand Ronde-Wallowa	Imnaha	Klaskanine	Lewis Clarke Expos.	McKenzie	Mill Creek-Scottsberg	Metolius	Molalla	Nehalem	Nestucca	North Lake	Ontario-Swan Falls	Oxbow-Herman Creek	Rogue River-Butte Falls	Rogue River-Ellensburg	Rogue River-Elk Creek	Salmon River-Sandy	Sandy-Oswego	Santiam-Marion Springs	Santiam-South	Spencer Creek	Siletz	Siuslaw	Tahkenite	Tanner Creek	Ten Mile Creek	Tillasqua	Year
1872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1872
73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	73
74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74
75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75
76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76
77	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	77
78	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	78
79	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	79
1880	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	1880
81	—	—	—	—	—	—	—	—	—	—	D	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	81
82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	82
83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	83
84	—	—	—	—	—	—	—	—	—	—	I	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	84
85	—	—	—	—	—	—	—	—	—	—	I	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	85
86	—	—	—	—	—	—	—	—	—	—	I	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	86
87	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	87
88	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	88
89	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	89
1890	—	—	—	—	—	—	—	—	—	—	U	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	1890
91	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	91
92	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	U	—	—	—	—	—	—	—	—	—	—	92
93	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	X	—	—	—	—	93
94	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	—	X	—	—	—	—	94
95	—	—	—	—	—	—	—	—	—	—	X	P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	E	—	—	—	—	—	I	—	—	—	—	95
96	—	—	—	—	—	—	—	—	—	—	U	P	—	—	—	[illegible]	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	U	—	E	—	—	—	—	—	U	—	—	—	—	96
97	—	—	—	—	—	—	—	—	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	U	U	—	—	—	—	—	U	—	—	—	—	97
98	—	—	—	—	—	—	—	—	—	—	U	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	U	U	—	—	—	—	—	—	X	—	—	—	—	98
99	—	—	—	—	—	—	—	—	—	—	U	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	U	U	D	—	—	—	—	—	X	—	—	—	—	99
1900	—	—	—	—	—	—	—	—	—	—	U	R	X	—	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	U	X	—	—	—	—	—	X	—	U	—	—	1900
01	—	—	—	—	—	—	—	—	—	X	R	E	X	X	—	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	U	X	—	—	—	—	—	X	—	U	—	—	01
02	X	—	—	—	—	—	—	—	—	X	U	X	X	C	—	U	—	X	—	—	—	X	—	—	—	—	—	—	X	—	—	U	U	X	—	—	—	—	—	X	—	U	—	—	02
03	X	—	—	—	—	—	—	—	—	X	U	X	X	X	—	U	—	X	—	—	—	—	—	—	—	—	—	—	X	—	—	U	U	X	—	—	—	—	—	X	—	U	—	—	03
04	—	—	—	—	—	—	—	—	—	U	U	U	X	—	—	U	—	X	—	—	—	—	—	—	—	—	—	—	X	—	—	U	U	X	—	—	—	—	—	X	—	U	—	—	04
05	R	—	—	—	—	—	—	—	—	—	U	U	X	E	—	—	—	R	—	—	X	X	—	—	—	—	—	—	X	—	—	U	U	X	—	—	—	—	—	X	—	—	—	—	05
06	X	—	—	—	X	—	—	—	X	—	U	U	X	E	—	—	—	X	—	—	—	X	—	—	—	—	—	—	X	—	—	U	U	X	—	—	—	—	—	X	—	—	—	—	06
07	—	—	—	—	D	—	—	—	X	—	U	U	X	E	—	U	—	X	—	—	—	X	—	—	—	—	—	—	X	—	—	U	U	X	—	X	—	—	—	X	—	U	—	—	07
08	X	—	—	—	—	—	—	—	X	—	U	—	X	E	—	U	—	X	—	—	—	X	—	—	—	—	—	—	X	—	—	C	U	X	—	—	—	—	—	X	—	U	—	—	08
09	—	—	—	—	D	—	—	—	U	—	U	—	X	X	—	U	—	X	—	—	—	X	—	—	—	—	—	—	D	—	—	—	U	X	—	—	—	—	—	X	—	U	—	—	09

1910	—	—	—	X	—	—	—	—	—	—	U	—	X	X	—	—	—	X	—	—	—	X	—	—	—	—	—	—	—	—	—	—	U	X	—	D	—	—	—	X	—	—	—	—
11	E	—	—	X	—	—	—	—	—	—	U	—	X	X	—	—	—	X	—	X	—	X	—	—	—	—	—	—	C	—	—	—	U	I	—	E	—	—	—	X	—	—	—	—
12	E	U	—	X	—	—	—	—	—	—	U	—	X	X	—	U	—	X	—	X	—	X	—	—	—	—	X	—	—	—	—	X	U	X	—	D	—	—	—	X	—	U	—	—
13	E	U	—	X	—	—	—	—	R	—	U	—	X	X	—	U	—	—	—	X	—	X	—	—	—	—	—	—	—	—	—	—	U	C	—	—	—	—	—	X	—	U	—	—
14	—	U	—	X	—	—	—	—	—	—	U	—	X	X	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	X	—	U	—	—
15	R	U	—	X	—	—	—	—	—	—	R	—	X	X	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	—	X	—	U	—	—
16	X	U	—	X	—	—	—	—	—	—	U	U	X	X	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	U	—	—	X	—	X	—	X	—	U	—	—
17	X	U	—	X	—	—	—	—	—	—	U	U	X	X	—	U	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	X	—	U	—	—
18	X	U	—	X	—	—	—	—	—	—	U	U	X	X	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	X	—	U	—	—
19	X	U	—	X	—	—	—	—	—	—	U	U	X	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	—
1920	X	U	—	X	—	—	—	—	—	—	U	U	X	—	X	U	—	X	—	X	—	X	—	—	—	X	—	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	—
21	X	U	—	X	—	—	—	—	—	—	U	U	X	X	X	—	—	R	—	X	—	X	—	—	—	X	—	—	—	X	—	—	U	U	—	X	X	—	—	X	—	—	—	—
22	X	U	—	X	—	—	—	—	—	—	U	U	X	—	X	—	—	X	—	X	—	X	—	—	—	X	—	—	—	X	—	—	U	U	—	X	X	—	—	X	—	—	—	—
23	X	U	—	X	—	—	—	—	—	—	U	U	X	—	X	—	—	X	—	X	—	X	—	—	—	X	—	—	—	X	—	—	U	U	—	X	X	—	—	X	—	—	—	—
24	X	U	—	X	—	—	—	—	—	—	U	U	X	X	X	—	X	X	X	X	—	X	—	—	—	X	X	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	—
25	X	U	—	X	—	—	—	—	—	—	U	U	X	—	X	—	X	X	X	X	—	X	—	—	—	X	X	—	—	X	—	—	U	X	—	X	X	—	—	X	—	—	—	—
26	X	U	—	X	X	—	—	—	—	U	—	U	X	X	X	—	—	X	—	X	—	X	X	—	—	—	—	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	—
27	X	U	—	X	—	—	—	—	—	U	—	—	X	—	X	—	—	X	—	X	—	X	X	—	X	X	X	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	—
28	X	U	—	X	X	—	—	—	—	I	—	U	X	—	X	—	—	X	—	X	—	X	X	—	X	X	X	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	—
29	X	U	—	X	—	—	—	—	—	C	—	U	X	—	X	—	—	X	—	X	—	X	X	—	X	X	X	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	X
1930	X	U	—	X	—	—	—	—	—	U	—	U	X	—	X	—	—	X	—	X	—	X	—	—	—	X	X	—	—	X	—	—	U	—	—	X	X	—	—	X	—	—	—	X
31	X	U	—	X	—	—	—	—	—	U	—	—	X	E	X	—	—	X	—	X	—	X	—	—	—	X	X	—	—	X	—	—	E	—	—	X	X	—	—	X	—	—	—	X
32	X	U	—	X	—	—	—	—	—	U	—	—	X	E	X	—	—	X	—	X	—	X	—	—	—	X	X	—	—	X	—	—	E	—	—	X	X	—	—	X	—	—	—	X
33	X	—	—	X	—	—	—	—	—	U	—	—	X	E	X	—	—	X	—	X	—	X	—	—	—	X	X	—	—	X	U	—	E	—	—	X	X	—	—	X	—	—	—	X
34	X	—	—	X	—	—	—	—	—	U	—	—	X	E	X	—	—	X	—	X	—	X	—	—	—	X	X	—	—	X	U	—	E	—	—	X	X	—	—	—	—	—	X	X
35	X	—	—	X	—	—	—	—	—	U	—	—	X	—	X	—	—	X	—	X	—	X	—	—	—	R	—	—	—	X	U	—	—	—	—	X	X	—	—	—	—	—	X	X
36	X	—	—	X	—	—	—	X	—	U	—	—	X	—	X	—	—	X	—	X	—	X	—	—	—	X	—	—	—	X	U	—	C	—	—	X	X	—	—	—	—	—	X	X
37	X	—	—	X	—	—	—	X	—	U	—	—	X	I	X	—	—	X	—	X	—	X	—	—	—	X	—	—	—	X	U	—	—	—	—	X	X	—	—	—	—	—	X	X
38	X	—	—	X	—	—	—	X	—	U	—	—	X	X	—	—	—	X	—	X	—	X	X	—	—	X	—	X	—	X	U	—	—	—	—	X	X	—	X	—	X	—	X	X
39	X	—	—	X	—	—	—	X	—	U	—	—	X	X	X	—	—	C	—	X	—	X	X	—	—	X	—	X	—	X	X	—	X	—	X	X	X	—	X	X	X	—	X	X
1940	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	—	—	—	—	X	—	X	X	—	—	X	—	X	—	X	X	—	X	—	X	X	X	—	X	X	X	—	X	X
41	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	U	—	—	—	X	—	X	X	—	—	X	—	—	—	X	X	—	X	—	X	X	X	—	X	X	—	—	X	X
42	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	U	—	—	—	X	—	X	X	—	—	X	—	—	—	X	X	—	C	—	X	X	X	—	X	X	—	—	X	X
43	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	U	—	—	—	X	—	X	X	—	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	X	—	—	X	X
44	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	U	—	—	—	X	—	X	X	—	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	X	—	—	X	X
45	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	U	—	—	—	X	—	X	—	—	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	X	—	—	X	X
46	X	—	—	X	—	—	—	X	—	—	—	—	X	X	X	U	—	—	—	X	—	X	—	—	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	X	—	—	X	X
47	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	—	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	X	—	—	—	X
48	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
49	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
1950	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
51	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
52	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
53	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
54	X	—	—	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
55	X	—	X	X	—	—	X	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
56	X	—	X	X	—	—	X	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
57	X	—	X	X	—	—	X	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
58	X	—	X	X	—	—	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	X
59	X	—	X	X	—	X	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	—
1960	X	—	X	X	—	X	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	—
61	X	—	X	X	—	X	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	—	—
62	X	—	X	X	—	X	—	X	—	—	—	—	X	—	X	U	—	—	—	X	—	X	—	X	—	X	—	—	—	X	X	—	—	—	X	X	X	—	X	—	—	—	E	—

C=closed by flood; D=destroyed by flood, etc.; E=eyeing station; I=insufficient spawners; P=privately operated; R=relocated; U=operated by U.S. Govt.; X=operated by state

TABLE 13. Continued—Oregon (concluded), Washington (part).

Year	OREGON								WASHINGTON																																			Year
	Tillamook	Trask-Gold Creek	Troy	Umpqua	Warrendale	Willamette-Oak Ridge	Wilson River	Yaquina	Baker Lake	Birdsview	Bowmans Bay	Brunnion-Walcott	Carson	Chambers Cr.	Chehalis	Chehalis-Dryad	Chinook	Colville	Cowlitz	Crescent Lake	Darrington	Day Creek	Deschutes	Duckabush	Dungeness	Elokomin	Elwha	Entiat	George Adams	Grays River	Green River	Hood Canal	Humptulips	Illalot Cr.	Illinois Rv.	Issaquah	Kalama Falls	Kalama No. 2	Kittitas	Klickitat	Lewis River	Little Spokane	Methow-Pateros	
1872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1872
73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	73
74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74
75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75
76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76
77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77
78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78
79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79
1880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1880
81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81
82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	82
83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	83
84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	84
85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85
86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	86
87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87
88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	88
89	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89
1890	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1890
91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91
92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92
93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93
94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94
95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	95
96	—	—	—	—	—	—	—	—	X	—	—	—	—	—	[illegible]	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	96
97	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	97
98	—	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	98
99	—	—	—	—	—	—	—	—	U	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	R	—	—	—	—	I	X	99
1900	—	—	—	X	—	—	—	—	U	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	I	X	1900
01	—	—	—	X	—	—	—	X	U	—	—	—	—	—	X	—	X	X	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	—	—	X	—	—	—	—	I	X	01
02	—	—	—	X	—	—	—	X	U	—	—	—	—	—	X	—	X	C	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	02
03	—	—	—	X	—	—	—	X	U	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	03
04	—	—	—	X	—	—	—	X	U	U	—	—	—	—	—	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	04
05	—	—	—	X	—	U	—	X	U	U	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	05
06	—	—	—	X	—	U	—	X	U	U	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	06
07	X	—	—	X	—	U	—	X	U	U	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	07
08	X	—	—	X	—	U	—	X	U	U	—	—	—	—	—	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	X	08
09	—	—	—	X	—	—	—	X	—	U	—	—	—	—	R	—	X	—	—	—	U	—	—	—	D	—	—	—	—	—	X	—	—	—	U	—	X	—	—	—	—	—	X	09

1910	X	—	—	X	—	—	—	X	U	U	—	—	—	—	X	—	X	—	—	—	U	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	—	X	1910
11	X	—	—	X	—	E	—	X	U	U	—	—	—	—	X	—	X	—	—	—	U	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	—	X	11
12	X	—	—	X	—	—	X	X	U	U	—	—	—	—	X	—	X	—	—	—	U	—	—	U	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	X	—	X	12
13	X	—	—	—	—	I	X	X	U	U	—	—	—	—	X	—	X	—	—	—	U	U	—	U	D	—	X	—	—	—	X	—	—	U	U	—	X	—	—	—	X	—	X	13
14	X	—	—	—	—	X	—	—	D	U	—	U	—	—	X	—	X	—	—	—	U	U	—	U	X	—	X	—	—	—	X	—	X	U	U	—	X	—	—	—	X	—	X	14
15	X	—	—	—	—	X	—	—	U	U	—	U	—	—	X	—	X	—	—	—	U	U	—	U	X	—	X	—	—	—	X	—	X	U	—	—	X	—	—	—	X	—	R	15
16	X	X	—	X	—	X	—	—	U	U	—	U	—	X	X	—	X	—	—	—	U	U	—	U	X	—	X	—	—	—	X	—	X	U	—	—	X	—	—	—	X	—	X	16
17	X	X	—	—	—	X	—	—	U	U	—	U	—	X	X	X	X	—	—	—	U	U	—	U	X	—	X	—	—	—	X	—	X	U	—	—	X	—	—	—	X	—	X	17
18	X	X	—	—	—	X	—	—	U	U	—	U	—	X	X	X	X	—	—	—	U	—	—	U	X	—	X	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	X	18
19	X	X	—	—	—	X	—	—	D	U	—	U	—	X	X	X	X	—	—	—	U	—	—	U	X	—	X	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	X	19
1920	X	X	—	X	—	X	—	—	U	U	—	U	—	X	X	X	X	—	—	—	—	—	—	U	X	—	X	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	X	1920
21	X	X	—	X	—	X	—	—	U	U	—	U	—	X	X	X	X	—	—	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	X	21
22	X	X	—	X	—	X	—	—	U	U	—	U	—	X	X	X	X	—	—	—	—	—	—	U	X	—	C	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	X	22
23	X	X	—	X	—	X	—	—	U	U	—	U	—	X	X	X	X	—	—	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	X	—	X	—	X	23
24	—	X	X	X	—	X	—	R	D	U	—	—	—	X	X	X	X	—	—	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	X	—	X	—	X	24
25	—	X	—	X	—	X	—	X	U	U	—	—	—	X	X	X	X	—	—	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	X	—	X	—	X	25
26	—	X	—	X	—	X	—	X	U	U	—	—	—	X	X	X	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	U	—	—	X	—	X	—	X	—	X	26
27	—	X	—	X	—	X	—	X	U	U	—	U	—	X	X	X	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	X	27
28	—	X	—	X	—	X	—	—	U	U	—	U	—	X	X	X	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	C	—	X	28
29	—	X	—	X	—	X	—	—	U	U	—	U	—	X	X	X	X	—	X	U	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	X	—	—	—	X	29
1930	—	X	—	X	—	X	—	X	U	U	—	U	—	X	X	X	X	—	X	U	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	X	—	X	—	X	1930
31	—	X	—	X	—	X	—	—	—	U	—	—	—	X	X	—	X	—	X	U	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	—	31
32	—	X	—	X	—	X	—	—	U	U	—	—	—	X	X	—	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	R	—	—	32
33	—	X	—	X	—	X	—	—	U	U	—	—	—	I	X	—	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	—	33
34	—	X	—	X	—	X	—	—	U	U	—	—	—	—	X	—	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	—	34
35	—	X	—	X	—	X	—	—	—	U	—	—	—	—	X	—	X	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	—	35
36	—	X	—	X	—	X	—	—	D	U	—	—	—	—	X	—	—	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	—	X	—	—	—	X	—	—	36
37	—	X	—	X	—	X	—	X	—	U	—	—	U	—	X	—	—	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	37
38	—	X	—	X	—	X	—	X	—	U	—	—	U	—	X	—	—	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	38
39	—	X	—	X	—	X	—	X	—	U	—	U	U	—	C	—	—	—	X	—	—	—	—	U	X	—	—	—	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	39
1940	—	X	—	X	—	X	—	X	—	U	—	—	U	—	—	—	—	—	X	—	—	—	—	U	X	—	—	U	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	1940
41	—	X	—	X	—	X	—	X	—	U	—	—	U	—	—	—	—	—	X	—	—	—	—	U	X	—	—	U	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	41
42	—	X	—	X	—	X	—	X	—	U	—	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	42
43	—	X	—	X	—	X	—	X	—	—	—	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	43
44	—	X	—	X	—	X	—	X	—	—	—	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	44
45	—	X	—	X	—	X	—	X	—	—	—	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	X	—	—	X	X	—	—	—	X	—	—	45
46	—	X	—	X	—	X	—	X	—	—	—	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	C	—	—	X	X	—	—	—	X	—	—	46
47	—	X	—	—	—	X	—	X	—	—	X	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	X	X	—	—	—	X	—	—	47
48	—	X	—	—	—	X	—	X	—	—	X	—	U	—	—	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	X	X	—	—	—	X	—	—	48
49	—	X	—	—	—	X	—	X	—	—	X	—	U	—	R	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	X	X	—	—	—	X	—	—	49
1950	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	X	—	—	—	X	—	X	—	—	U	—	—	X	—	—	—	—	X	X	—	—	R	X	—	—	1950
51	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	X	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	X	X	—	—	X	X	—	—	51
52	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	—	—	X	—	—	U	—	—	X	—	—	—	—	X	X	—	—	X	X	—	—	52
53	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	—	—	X	—	—	U	—	—	X	X	—	—	—	X	X	—	—	X	X	—	—	53
54	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	—	—	X	X	—	U	—	—	X	X	—	—	—	X	X	—	—	X	X	—	—	54
55	—	X	—	—	—	X	—	—	—	—	X	—	U	—	—	—	—	—	—	—	—	—	—	—	X	X	—	U	—	—	X	X	—	—	—	X	—	—	—	X	X	—	—	55
56	—	X	—	—	—	X	—	—	—	—	X	—	U	—	—	—	—	—	—	—	—	—	—	—	X	X	—	U	—	—	X	X	—	—	—	X	—	—	—	X	X	—	—	56
57	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	—	—	X	X	—	U	—	—	X	X	—	—	—	X	X	—	—	X	X	—	—	57
58	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	X	—	X	X	—	U	—	—	X	X	—	—	—	X	X	—	—	X	X	—	—	58
59	—	X	—	—	—	X	—	—	—	—	X	—	U	—	—	—	—	—	—	—	—	—	—	—	X	X	—	U	—	—	X	X	—	—	—	X	—	X	—	X	X	—	—	59
1960	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	X	—	X	X	—	U	—	—	X	X	—	—	—	X	X	X	—	X	X	—	—	1960
61	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	X	—	X	X	—	U	X	X	X	X	—	—	—	X	X	X	—	X	X	—	—	61
62	—	X	—	—	—	X	—	—	—	—	X	—	U	—	X	—	—	—	—	—	—	—	X	—	X	X	—	U	X	X	X	X	—	—	—	X	X	X	—	X	X	—	—	62

C=closed by flood; D=destroyed by flood, etc.; E=eyeing station; I=insufficient spawners; P=privately operated; R=relocated; U=operated by U.S. Govt.; X=operated by state

TABLE 13. Continued—Washington (concluded).

WASHINGTON

Year	Minter Creek	Naselle	Nemah	Nisqually	Nooksack	Nooksack-MF	North River	Ozette Lake	Pilchuck	Puyallup	Quilcene	Quinault	Samish	Samish Lake	Salt Water Experiment	Simpson River	Skagit-Sauk River	Skagit	Skokomish	Skykomish	Snohomish	Spring Creek	Stillaguamish	Sultan	Tahuya	Tilton	Toutle	Washougal	Wenatchee-Leavenworth	Big White Salmon	Little White Salmon	Willard	Willapa	Willapa-Raymond	Wind River	Winthrop	Year
1872	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1872
73	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	73
74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	74
75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	75
76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	76
77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	77
78	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	78
79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79
1880	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1880
81	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	81
82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	82
83	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	83
84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	84
85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	85
86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	86
87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87
88	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	88
89	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	89
1890	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1890
91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	91
92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92
93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93
94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94
95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	95
96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	96
97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	97
98	—	—	—	—	—	—	—	—	—	—	—	—	—	P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	U	—	—	—	—	—	98
99	—	—	—	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	X	—	U	—	—	—	—	—	99
1900	—	—	—	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	—	—	—	—	—	—	—	X	U	U	—	X	—	X	—	1900
01	—	—	—	—	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	X	—	—	—	—	—	X	U	U	—	X	—	X	—	01
02	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	X	—	—	—	—	—	X	U	U	—	X	—	X	—	02
03	—	—	—	X	—	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	—	—	—	—	—	—	X	U	U	—	X	—	X	—	03
04	—	—	—	X	—	—	—	—	—	—	—	—	X	—	—	—	—	—	—	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—	04
05	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	X	—	X	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—	05
06	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	X	—	X	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—	06
07	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	C	—	X	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—	07
08	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—	08
09	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	R	—	—	—	—	—	—	U	U	—	X	—	X	—	09

1910	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—		1910
11	—	—	—	X	X	—	—	—	—	—	—	—	X	—	—	—	—	—	X	—	X	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—		11
12	—	—	—	X	X	—	—	—	—	—	U	—	X	—	—	—	—	—	X	—	X	U	—	U	—	—	—	—	R	U	U	—	X	—	X	—		12
13	—	—	—	X	X	X	—	—	—	—	U	—	X	—	—	—	R	—	X	—	X	U	X	U	—	—	—	—	X	U	U	—	X	—	X	—		13
14	—	—	—	X	X	X	—	—	—	—	U	U	X	—	—	—	X	—	X	—	X	U	X	U	—	—	—	—	X	U	U	—	X	—	X	—		14
15	—	—	—	X	X	X	X	—	X	—	U	U	X	—	—	—	X	—	X	—	X	U	X	U	—	X	—	—	X	U	U	—	X	—	X	—		15
16	—	—	—	X	X	X	X	—	X	—	U	U	X	—	—	—	X	—	X	—	X	U	X	U	—	X	—	—	X	U	U	—	X	X	X	—		16
17	—	—	—	X	X	X	X	—	X	X	U	U	X	—	—	—	C	—	X	X	X	U	D	U	—	X	—	—	X	U	U	—	X	X	X	—		17
18	—	X	—	X	X	X	X	—	X	X	U	U	X	—	—	—	—	—	X	X	X	U	—	U	—	X	—	—	X	U	U	—	X	X	X	—		18
19	—	X	—	D	X	X	X	—	X	X	U	U	X	—	—	—	—	—	X	X	X	U	—	U	X	X	—	—	X	U	U	—	X	X	X	—		19
1920	—	X	—	—	X	X	X	—	X	X	U	U	X	—	—	—	—	—	X	X	X	U	—	U	X	X	—	—	X	U	U	—	X	X	X	—		1920
21	—	—	—	—	X	X	X	—	X	X	U	U	X	—	—	—	—	—	C	X	X	U	—	U	—	—	—	—	X	U	U	—	X	C	X	—		21
22	—	—	—	—	I	C	X	—	X	X	U	U	X	—	—	—	—	—	—	X	—	U	—	U	—	—	—	—	X	U	U	—	X	—	I	—		22
23	—	X	—	—	X	—	X	—	X	X	U	U	X	—	—	—	—	—	—	X	X	U	—	U	—	—	—	—	X	U	U	—	X	—	—	—		23
24	—	X	—	—	X	—	—	—	X	X	U	U	X	—	—	—	—	—	—	X	X	U	—	U	—	—	—	—	U	U	U	—	X	—	—	—		24
25	—	X	—	—	X	—	—	U	X	X	U	U	X	—	X	—	—	—	—	X	X	U	—	U	—	—	—	—	U	U	U	—	X	—	U	—		25
26	—	X	—	—	X	—	—	U	X	X	U	U	X	—	X	—	—	—	—	X	—	U	—	U	—	—	—	—	C	U	U	—	X	—	U	—		26
27	—	X	—	—	X	—	—	C	X	X	U	U	X	—	X	—	—	—	—	X	—	U	—	U	—	—	—	—	X	U	U	—	X	—	—	—		27
28	—	X	—	—	X	—	—	—	X	X	U	U	X	—	X	—	—	—	—	X	—	U	—	U	—	—	—	—	X	U	U	—	X	—	X	—		28
29	—	X	—	—	X	—	—	—	X	X	U	U	X	—	—	—	—	—	—	X	—	U	—	U	—	—	—	—	X	U	U	—	X	—	X	—		29
1930	—	X	—	—	X	—	—	—	X	X	U	U	X	—	—	—	—	—	—	X	—	U	—	U	—	—	—	—	—	U	U	—	X	—	X	—		1930
31	—	X	—	—	X	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	U	—	U	—	—	—	—	—	U	U	—	X	—	X	—		31
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33	—	X	—	—	X	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—		33
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35	—	X	—	—	X	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	U	—	C	—	—	—	—	—	U	U	—	X	—	X	—		35
36	X	X	—	—	X	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	U	—	—	—	—	—	—	—	U	U	—	X	—	X	—		36
37	X	X	—	—	X	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	U	—	—	—	—	—	—	—	R	U	—	X	—	X	—		37
38	X	X	—	—	X	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	U	—	X	—	X	—		38
39	X	X	—	—	C	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	U	—	X	—	C	—		39
1940	X	X	—	—	—	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	—	U	U	—	X	—	—	—		1940
41	X	X	—	—	—	—	—	—	—	X	U	U	X	—	—	—	—	—	—	X	—	—	—	—	—	—	—	—	U	U	U	—	X	—	—	U		41
42	X	X	—	—	—	—	—	—	—	X	U	X	X	—	—	—	—	—	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		42
43	X	X	—	—	—	—	—	—	—	X	U	—	X	—	—	—	—	—	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		43
44	X	X	—	—	—	—	—	—	—	X	U	—	X	—	X	—	—	—	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		44
45	X	X	—	—	—	—	—	—	—	X	U	—	X	—	X	—	—	—	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		45
46	X	X	—	—	—	—	—	—	—	X	U	—	X	—	—	—	—	R	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		46
47	X	X	—	—	—	—	—	—	—	X	U	—	X	—	—	—	—	X	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		47
48	X	X	—	—	—	—	—	—	—	X	U	—	X	—	—	—	—	X	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		48
49	X	X	—	—	—	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		49
1950	X	X	—	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	—	—	U	U	U	—	X	—	—	U		1950
51	X	X	—	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	—	—	U	U	U	U	X	—	—	U		51
52	X	X	—	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	—	U	U	U	U	X	—	—	U		52
53	X	X	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	—	U	U	U	U	X	—	—	U		53
54	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	—	U	U	U	U	X	—	—	U		54
55	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	—	U	U	U	U	X	—	—	U		55
56	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	—	U	U	U	U	X	—	—	U		56
57	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	—	U	U	U	U	X	—	—	U		57
58	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	X	U	U	U	U	X	—	—	U		58
59	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	X	U	U	U	U	X	—	—	U		59
1960	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	X	U	U	U	U	X	—	—	U		1960
61	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	X	U	U	U	U	X	—	—	U		61
62	X	—	X	—	X	—	—	—	—	X	U	—	X	—	—	X	—	X	—	X	—	U	—	—	—	—	X	X	U	U	U	U	X	—	—	U		62

C=closed by flood; D=destroyed by flood, etc.; E=eyeing station; I=insufficient spawners; P=privately operated; R=relocated; U=operated by U.S. Govt.; X=operated by state

TABLE 14. Present production of salmon hatcheries on the Pacific Coast[1].

State and name	Date established	Production (thousands of fish)				
		Chinook	Coho	Pink	Sockeye	Chum
Alaska State						
Deer Mountain	1955	18.4	101.8			
Eagle River (Fire Lake)	1953		40-180			
Kitoi Bay	1955				1,000	
California State						
Cedar Creek	1955	26.3[2]	177.2			
Darrah Springs	1953		380			
Mt. Shasta	1888	3,600				
Nimbus	1955	13,488.5				
Trinity River	1963	1,848.4	690			
Oregon State						
Alsea	1952		900			
Bandon	1924	100	25			
Big Creek	1938	2,000	2,000			
Bonneville	1909	12,000	1,400			
Butte Falls	1918	50-75				
Cascade	1957	7,500	1,200			
Cedar Creek	1935	200	300			
Gnat Creek	1960	1,000	100			
Klaskanine	1911	250	1,700			
Hood River	1920	100-200				
Marion Forks	1950	2,000				
McKenzie	1905	600				
Metolius[3]	1947	200				
Nehalem	1926		360			
Oak Springs	1920	100				
Oxbow	1938	5,000	500			
Roaring River	1930	14[2]				
Sandy	1951	1,200	1,000			
Siletz	1937		750			
South Santiam	1923	160				
Trask	1914	425	700			
Willamette	1911	4,000				
Washington State						
Bowman's Bay	1947	7.1	146.1			649.3
Dungeness	1902	1,400.5	2,322.2			66.8
Elokomin	1954	2,347.4	834.5			65.8
George Adams	1961	2,699	579.4			750.9
Grays River	1961	1,552.5	858.1			85
Green River	1901	8,743.8	1,380.4			
Hood Canal	1953	3,133.2	380.3	792.9		793[4]
Issaquah	1937	5,324.6	1,027.2			
Kalama River	1959	4,136.4	1,023.4			
Lower Kalama River	1895	1,044.5	423.7			
Klickitat	1950	3,110.3	632.5			
Lewis River[5]	1909	1,473[2]	1,171.6			
Minter Creek	1937	3,101	1,183	1,336.3		1,737.1
Nemah	1953	296.6	460.2			1,205.6
Nooksack	1899	3,373.7	317.1			
Puyallup	1917	989.6	559.5			
Samish	1899	1,952.2	657.1			
Simpson	1949	4,278.8	1,295			291
Skagit	1947	4,771.1	1,491.8			
Skykomish	1905	1,850.1	1,528.3			

Continued . . .

TABLE 14. Continued.

State and name	Date established	Production (thousands of fish)				
		Chinook	Coho	Pink	Sockeye	Chum
Speelyai	1961	1,000-2,000	405.8			
Toutle River	1952	2,580.2	1,435			
Washougal	1958	4,158.5	1,336.1			
Willapa	1899	1,108.4	559.1			
U.S. Government						
Carson	1937	3,700	1,800			
Coleman	1942	17,500				
Eagle Creek	1953	6,500	750			
Entiat	1940		500			
Leavenworth	1938	2,900	1,400		3,500	
Little White Salmon	1898	13,100	2,000			
Quilcene	1911	2,700	1,100			1,500
Spring Creek	1901	11,000				
Willard	1951		2,800			
Winthrop	1940		1,300			

[1] These production figures are from 1962-64 records.
[2] 1962-63 releases.
[3] Closed 1964, production figure is for 1962.
[4] Hybrid pink-chum cross.
[5] Out of production in 1964 because of flood.

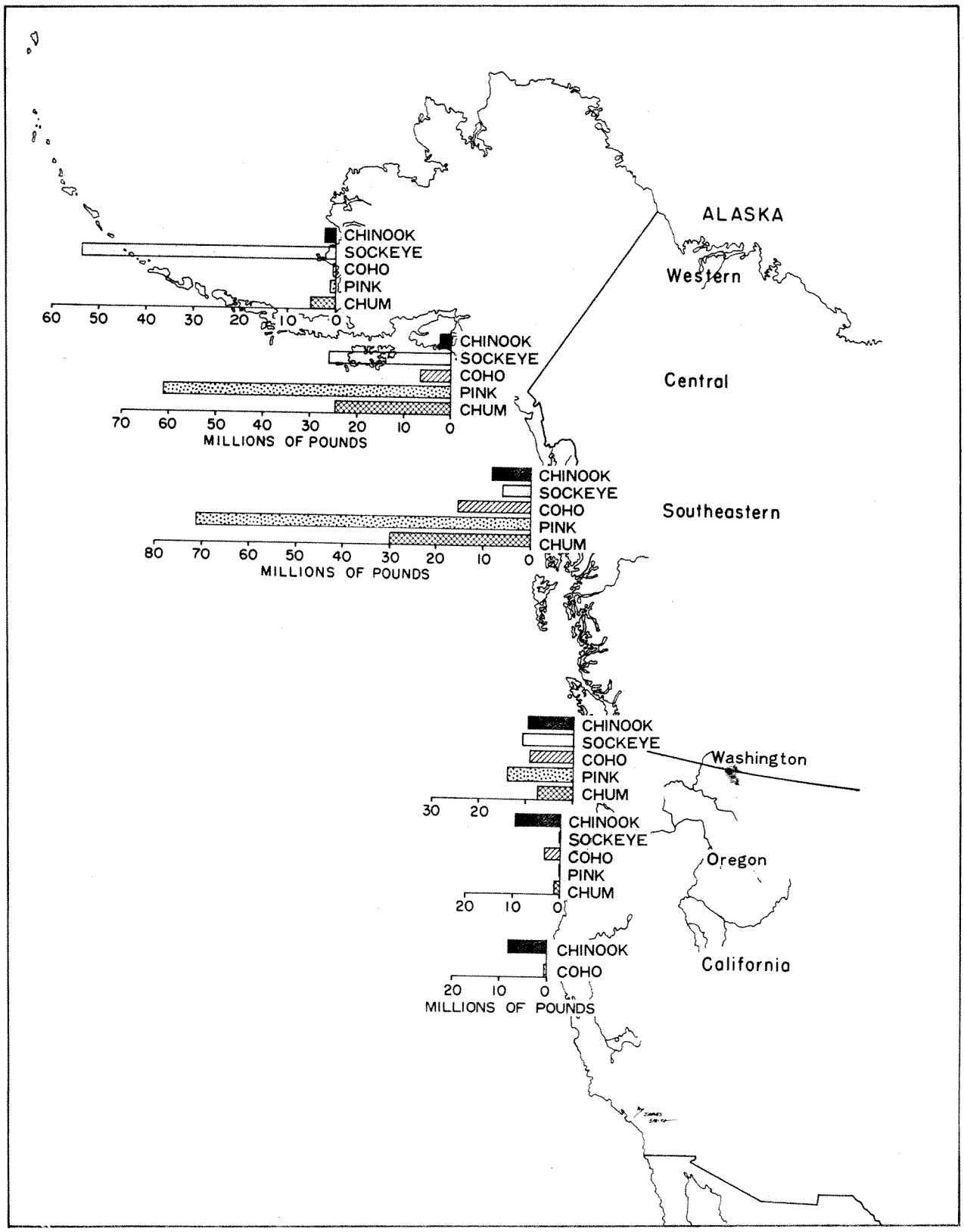

FIGURE 1. Average catches of salmon in the United States over the 25-year period from 1936 to 1960.

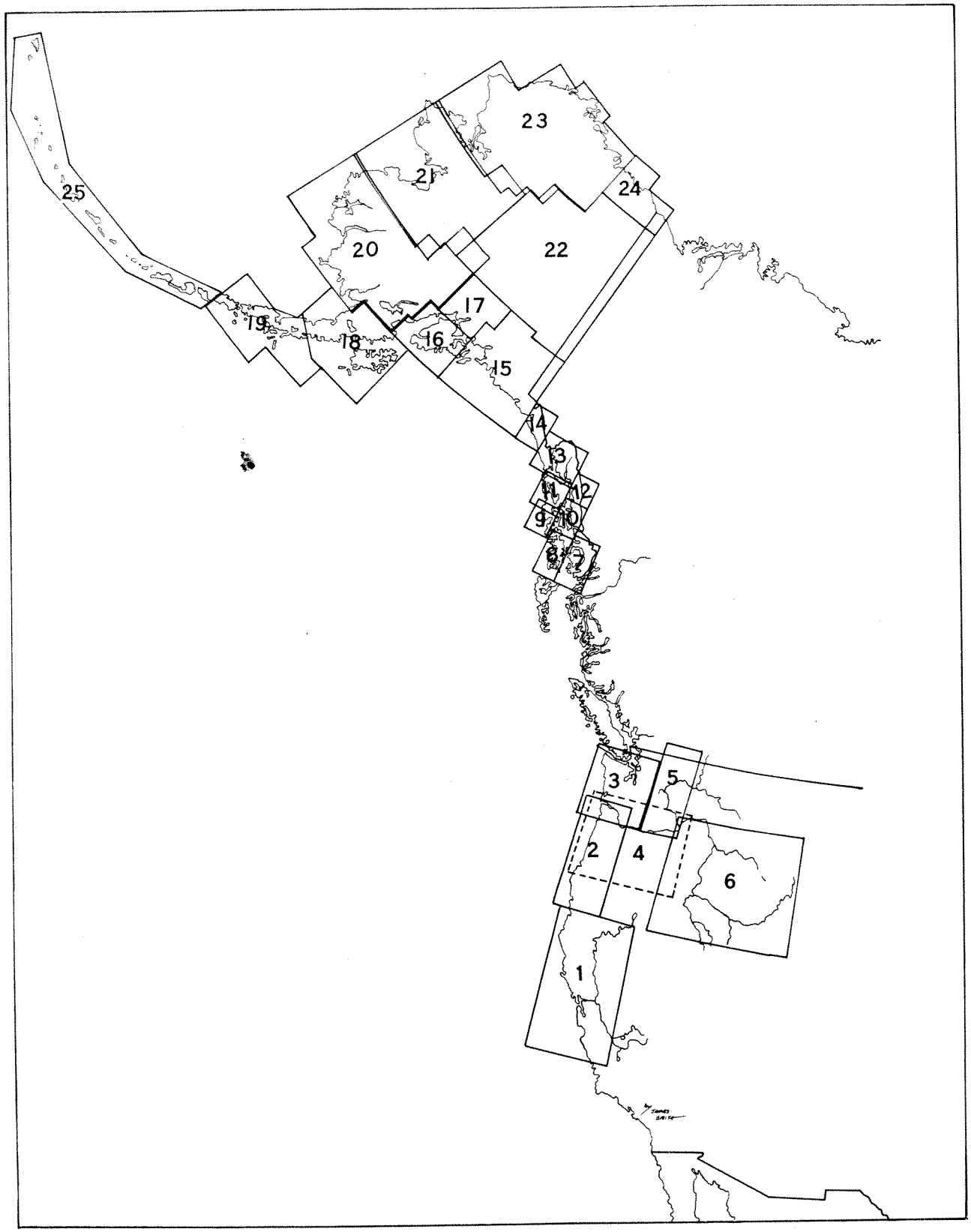

FIGURE 2. A key to the subareas used in preparing detailed maps (Figures 5–110) of the spawning grounds of Pacific salmon in the United States (see Table 3).

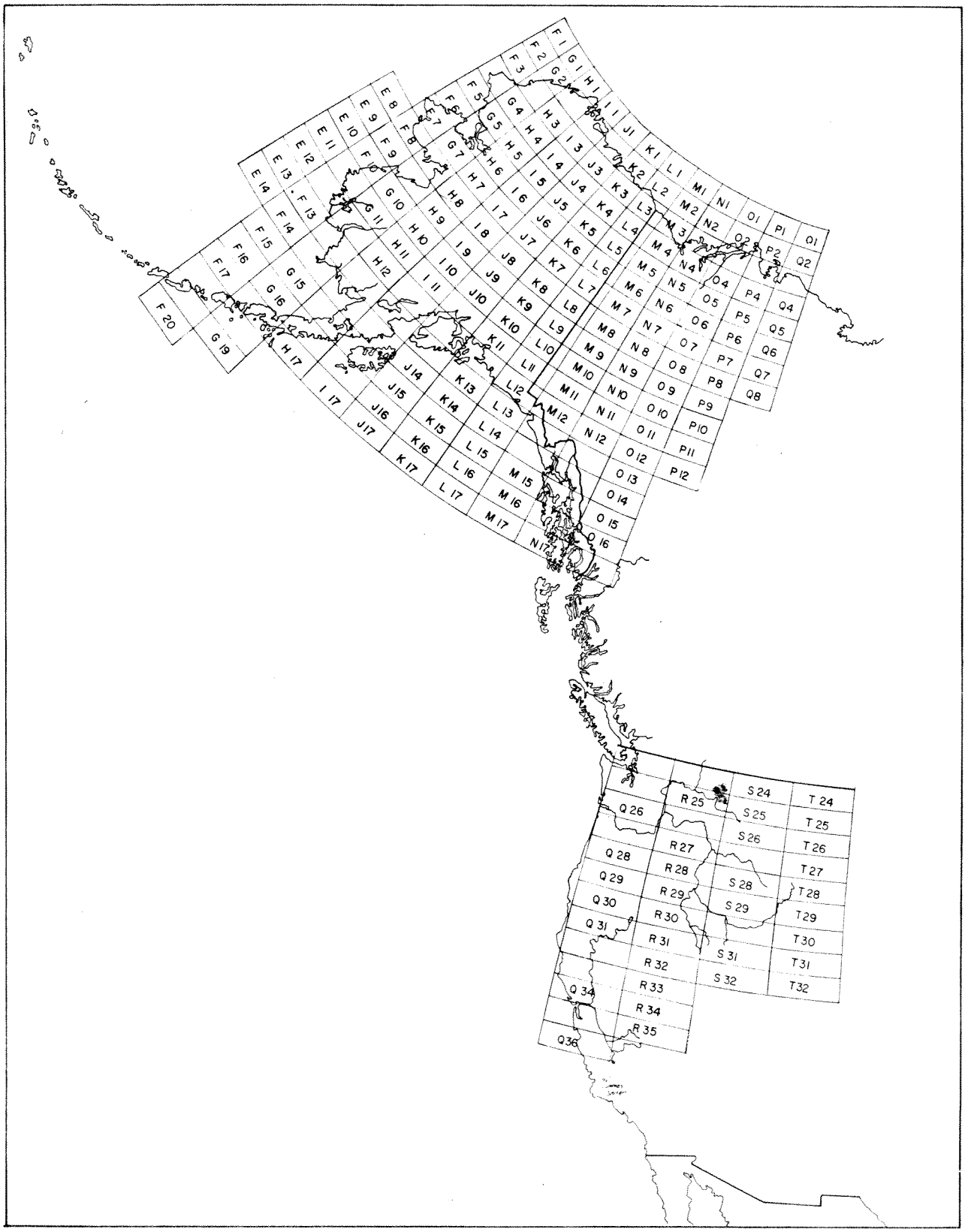

FIGURE 3. A key to coordinates used in Appendices I and II to indicate locations of individual spawning streams. These coordinates are also indicated in Figures 5–110. (See Table 4.)

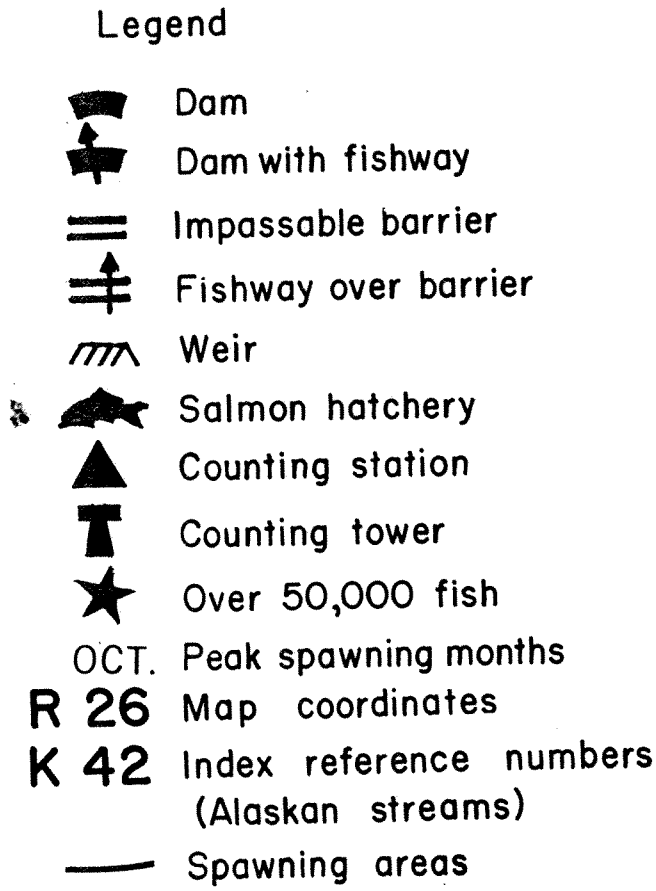

FIGURE 4. Legend for salmon distribution maps Figures 5–110.

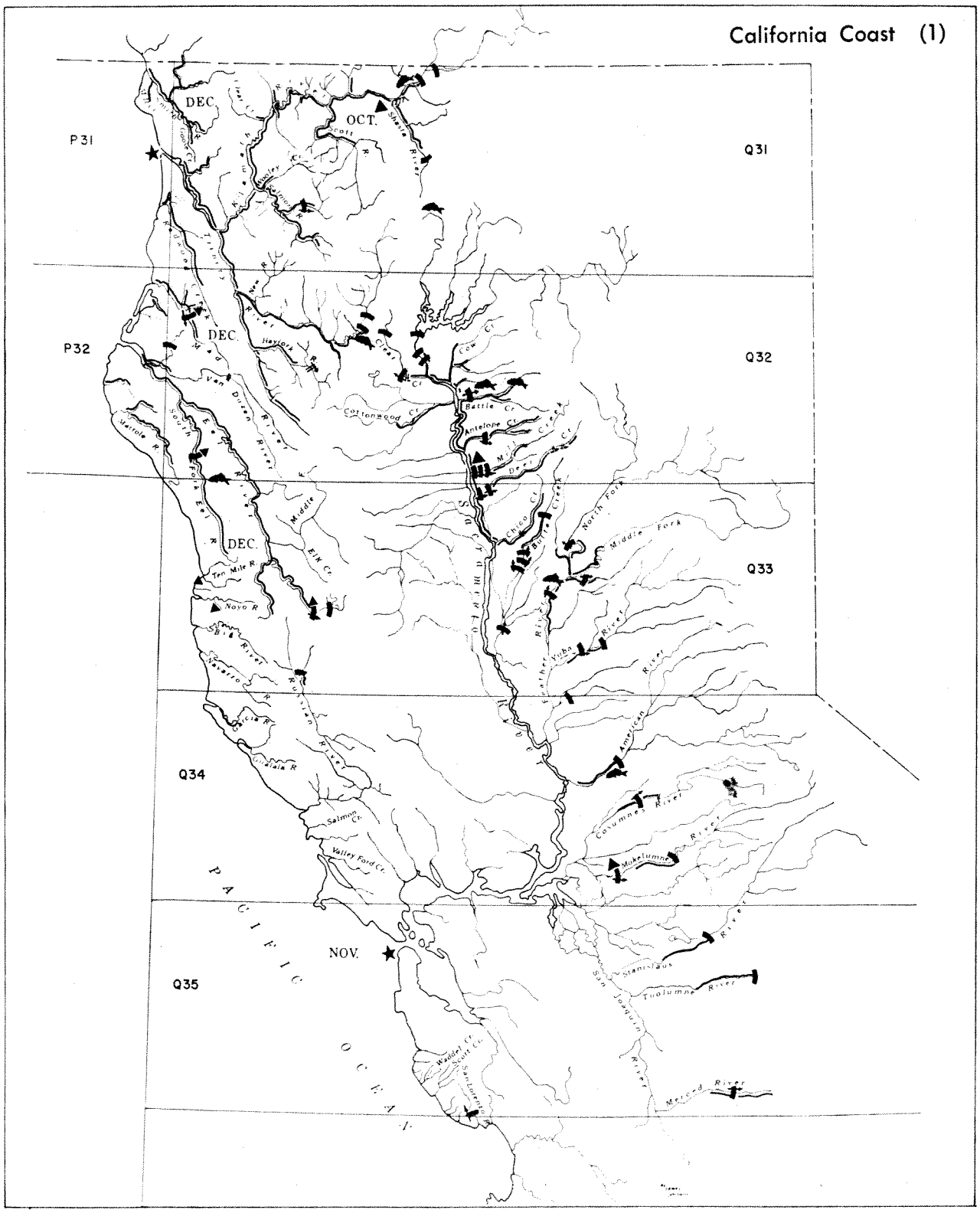

FIGURE 5. Spawning grounds of chinook salmon on California coast.

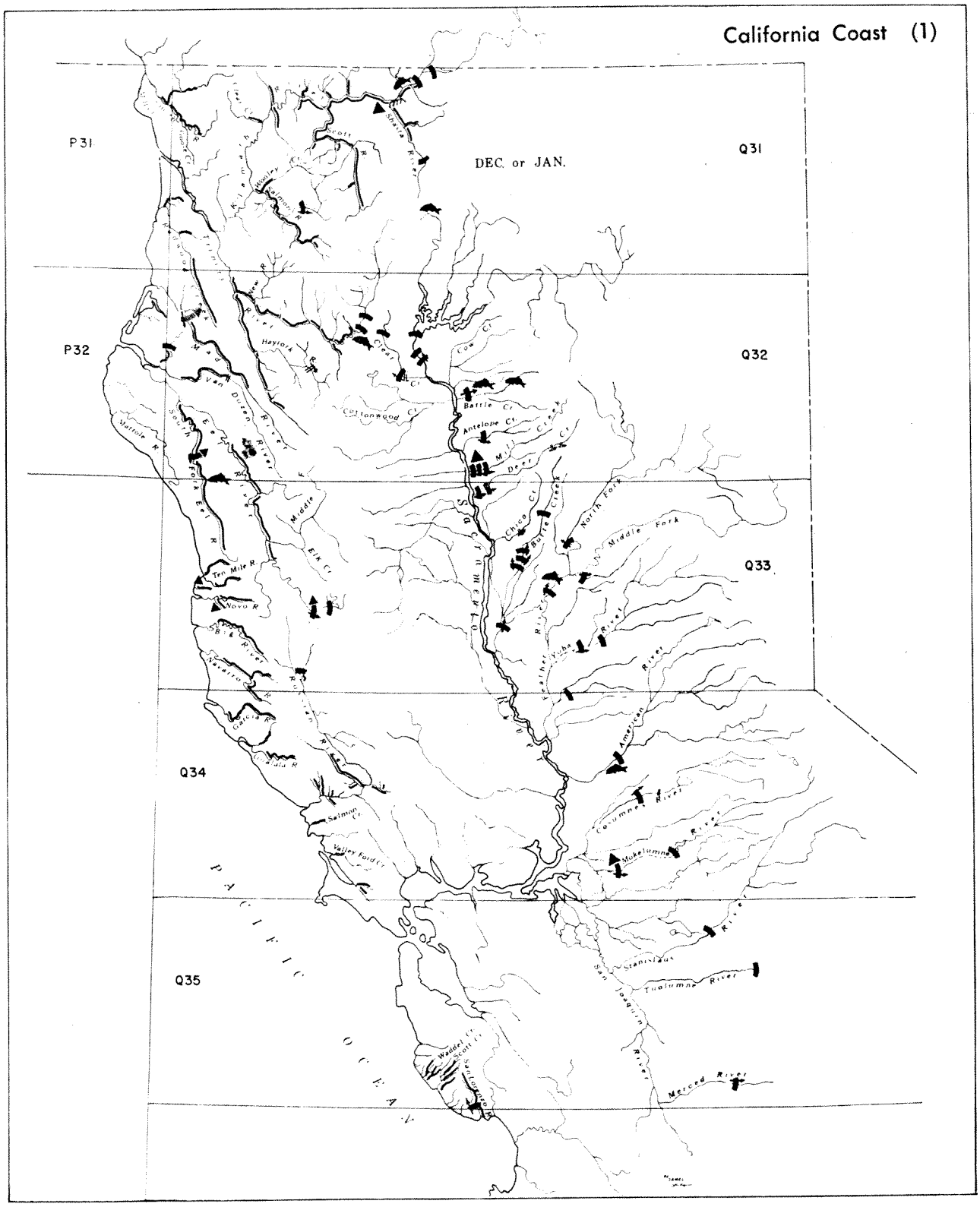

FIGURE 6. Spawning grounds of coho salmon on California coast.

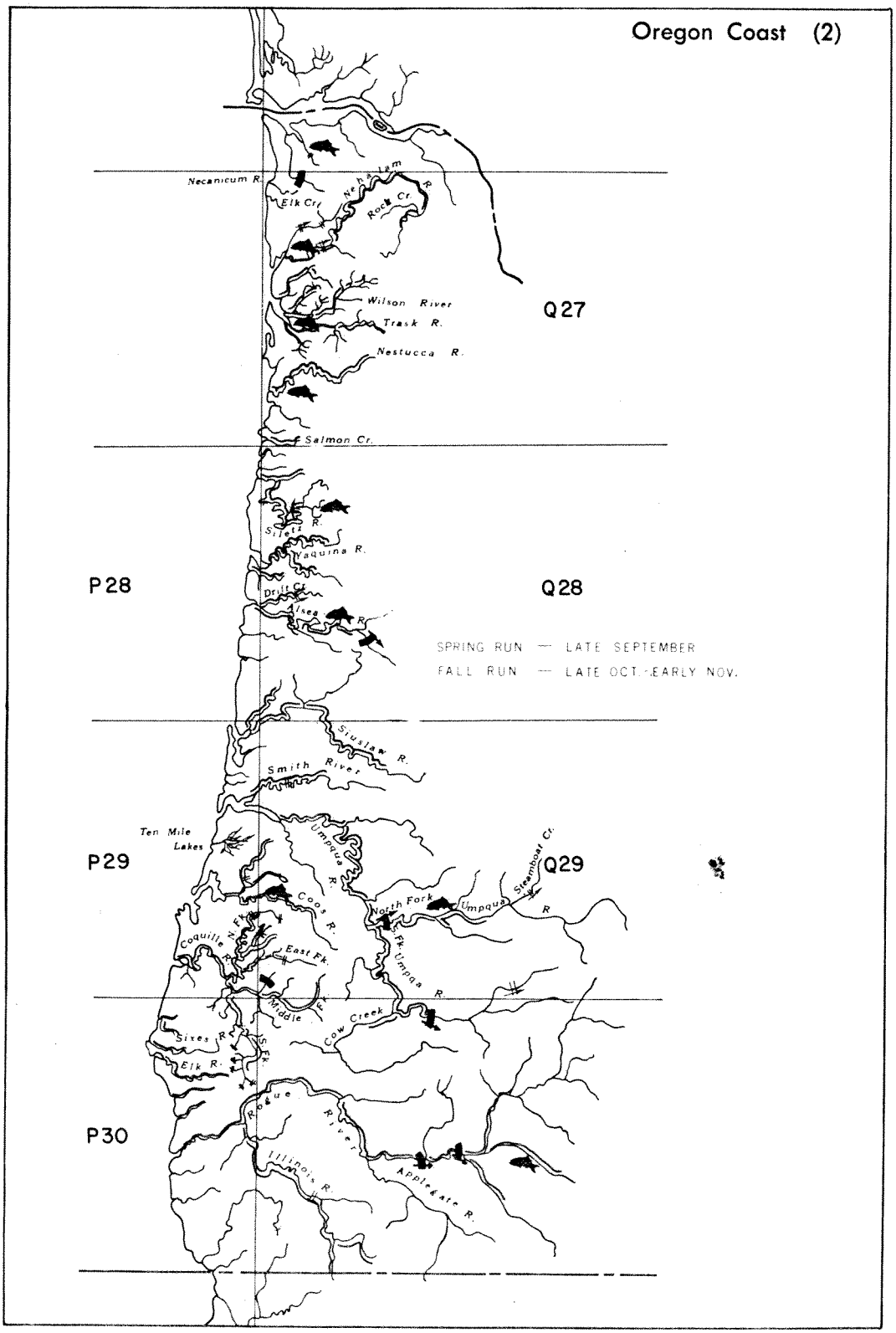

FIGURE 7. Spawning grounds of chinook salmon on Oregon coast.

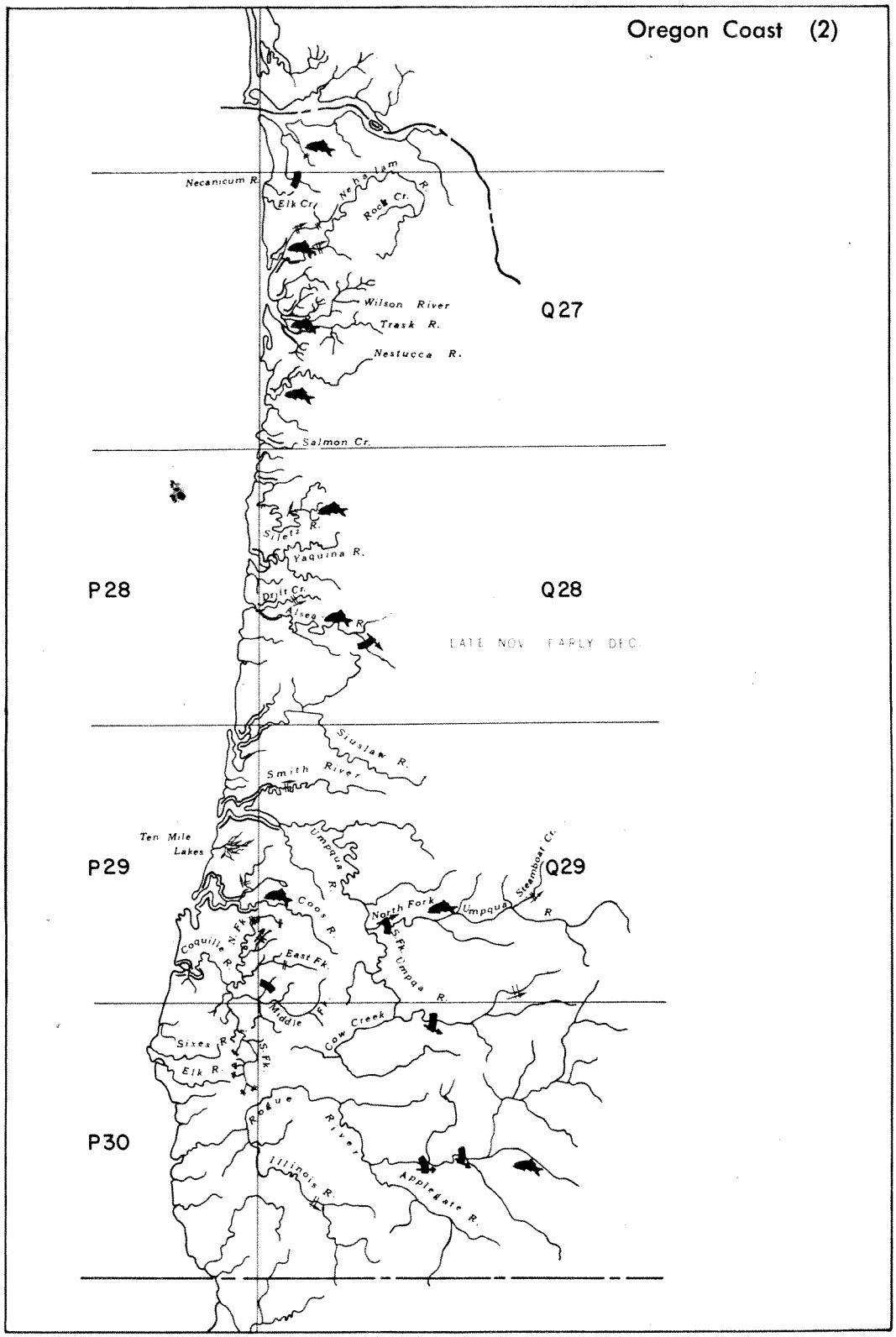

FIGURE 8. Spawning grounds of chum salmon on Oregon coast.

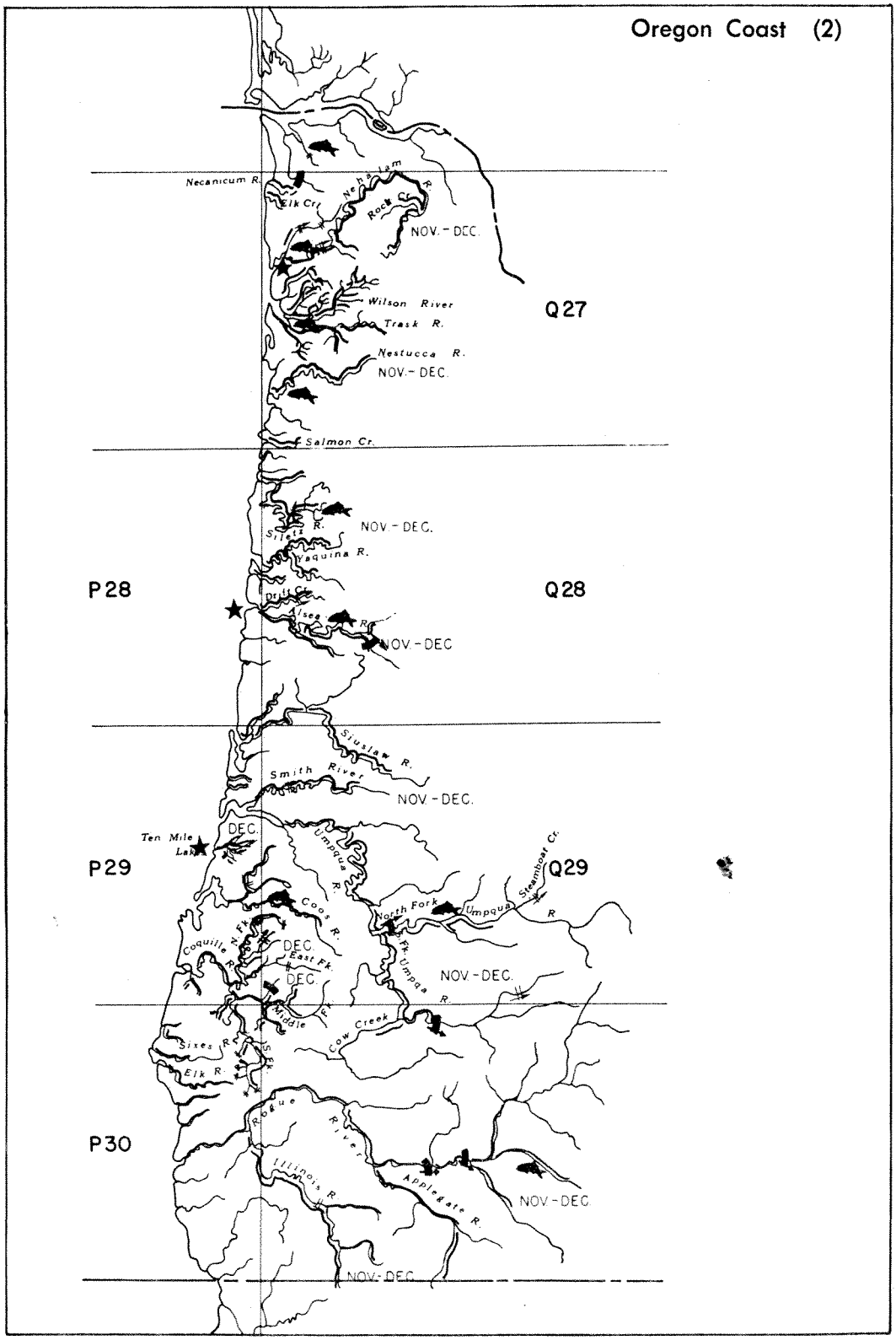

FIGURE 9. Spawning grounds of coho salmon on Oregon coast.

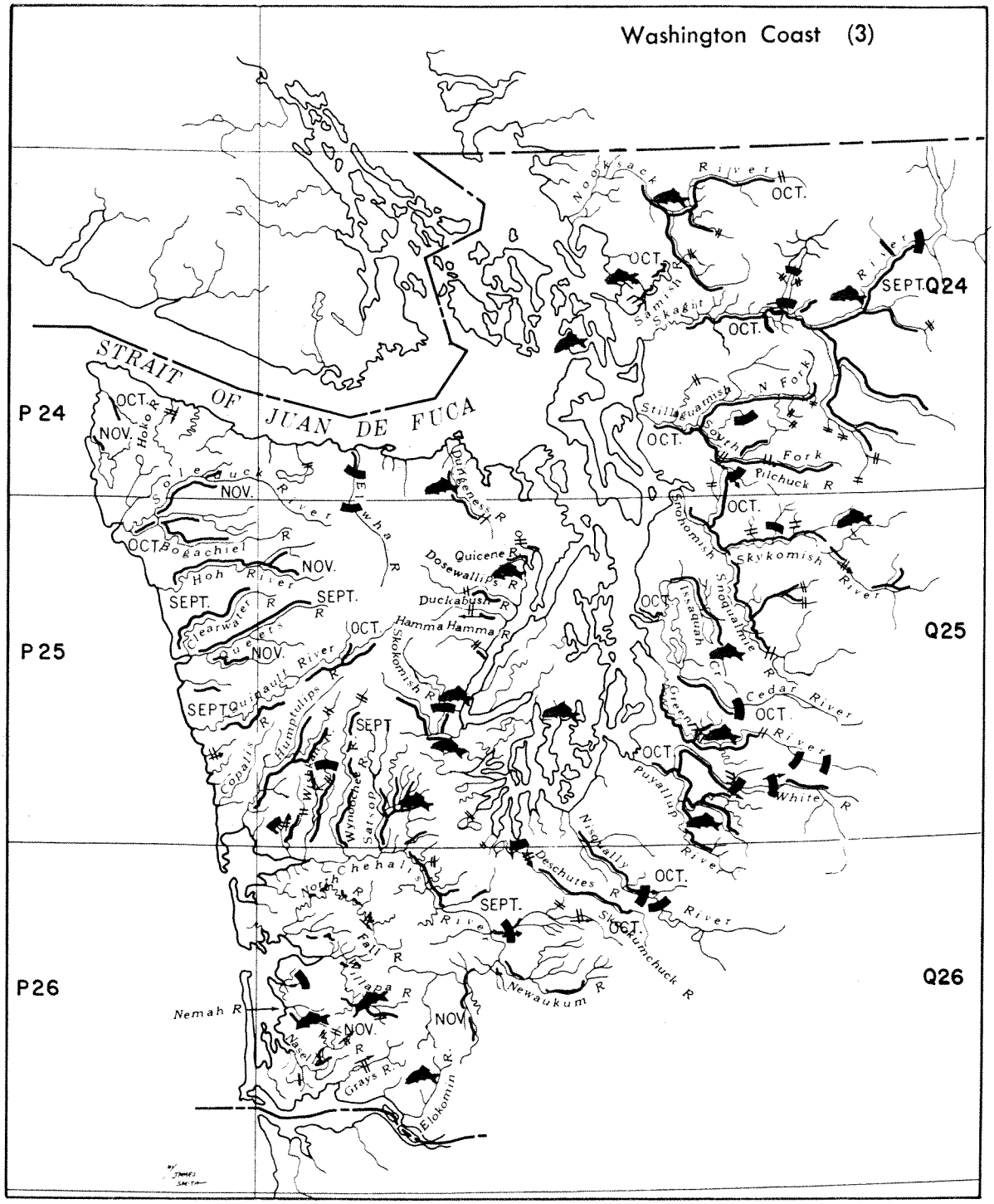

FIGURE 10. Spawning grounds of chinook salmon on Washington coast.

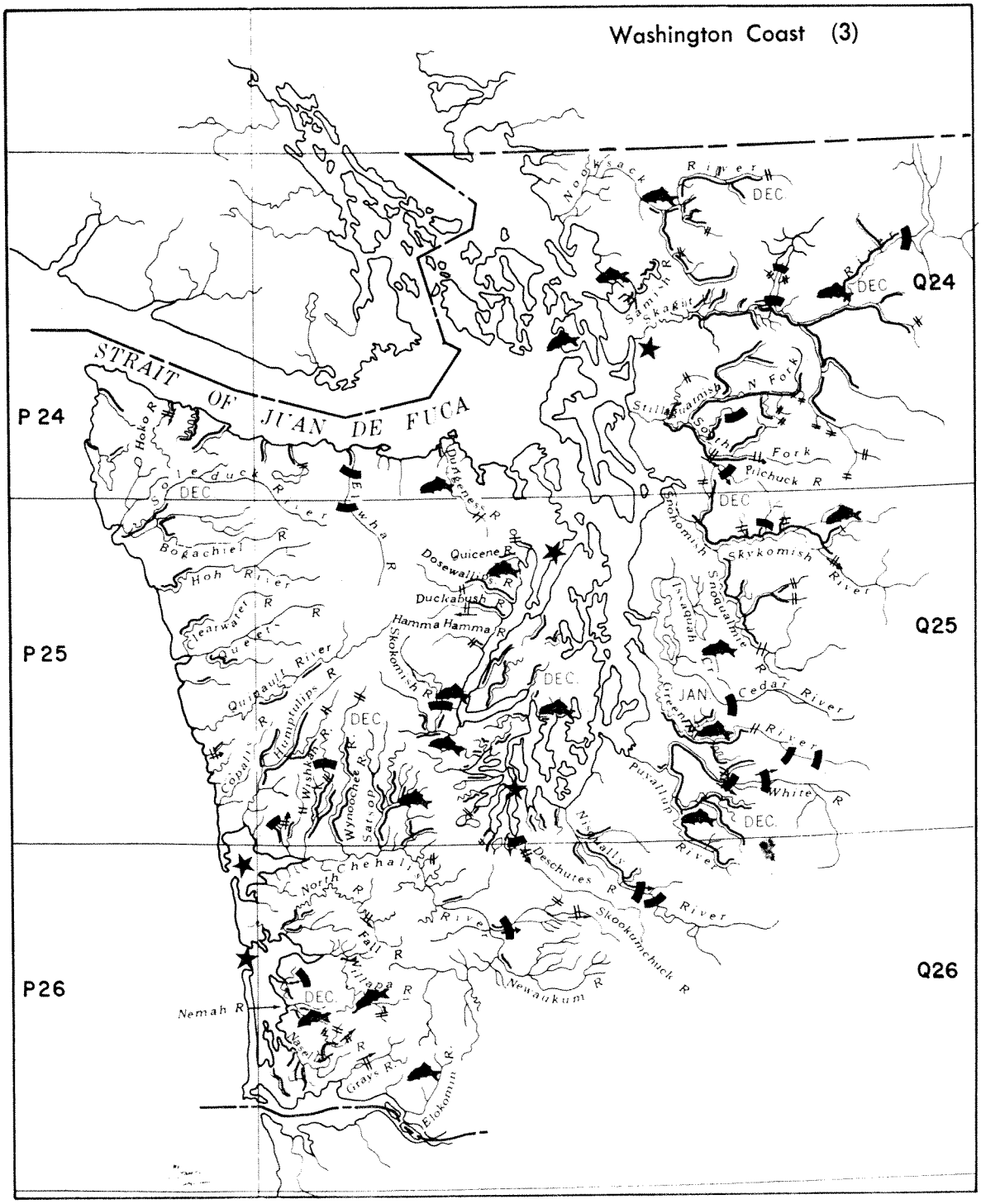

FIGURE 11. Spawning grounds of chum salmon on Washington coast.

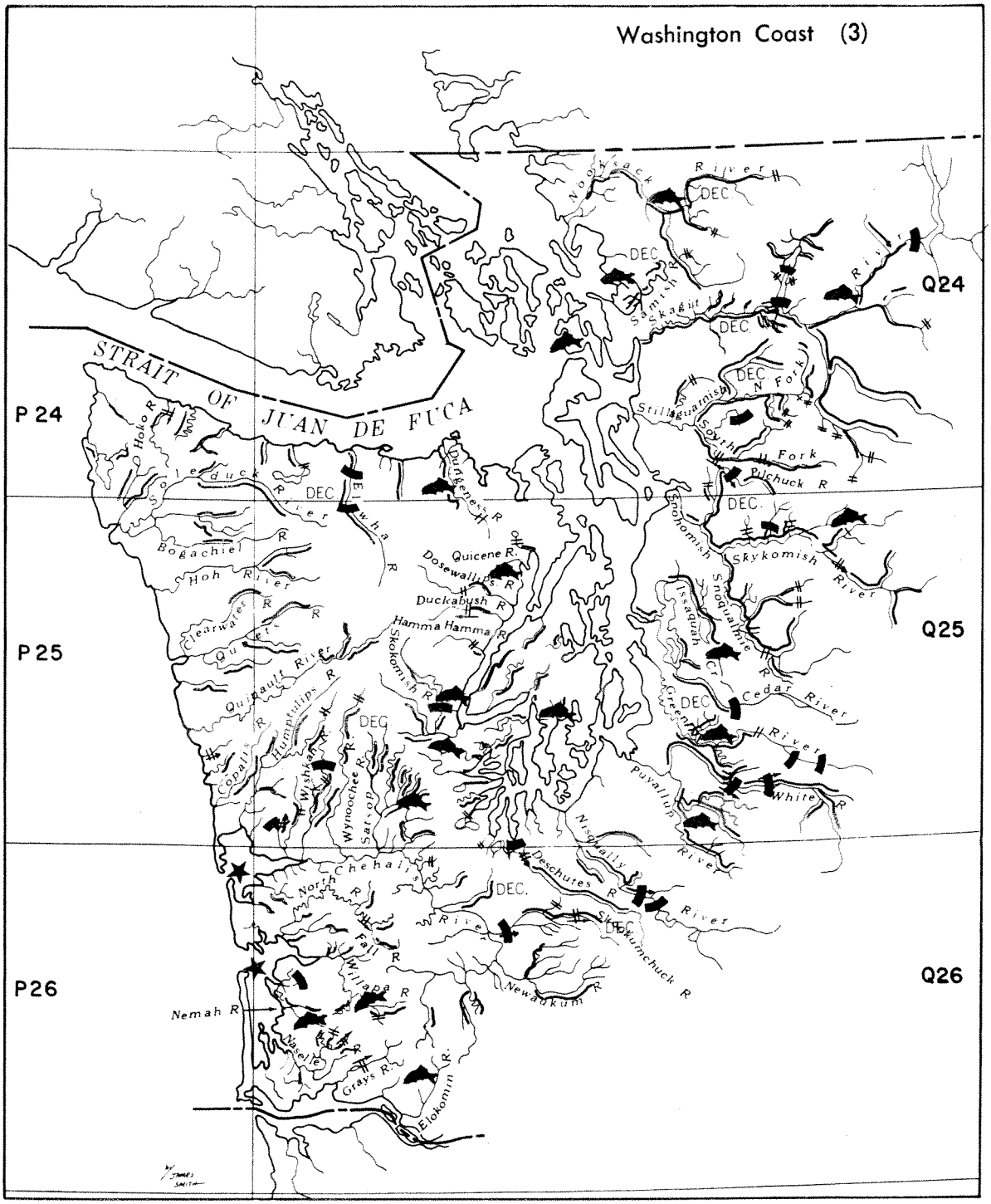

FIGURE 12. Spawning grounds of coho salmon on Washington coast.

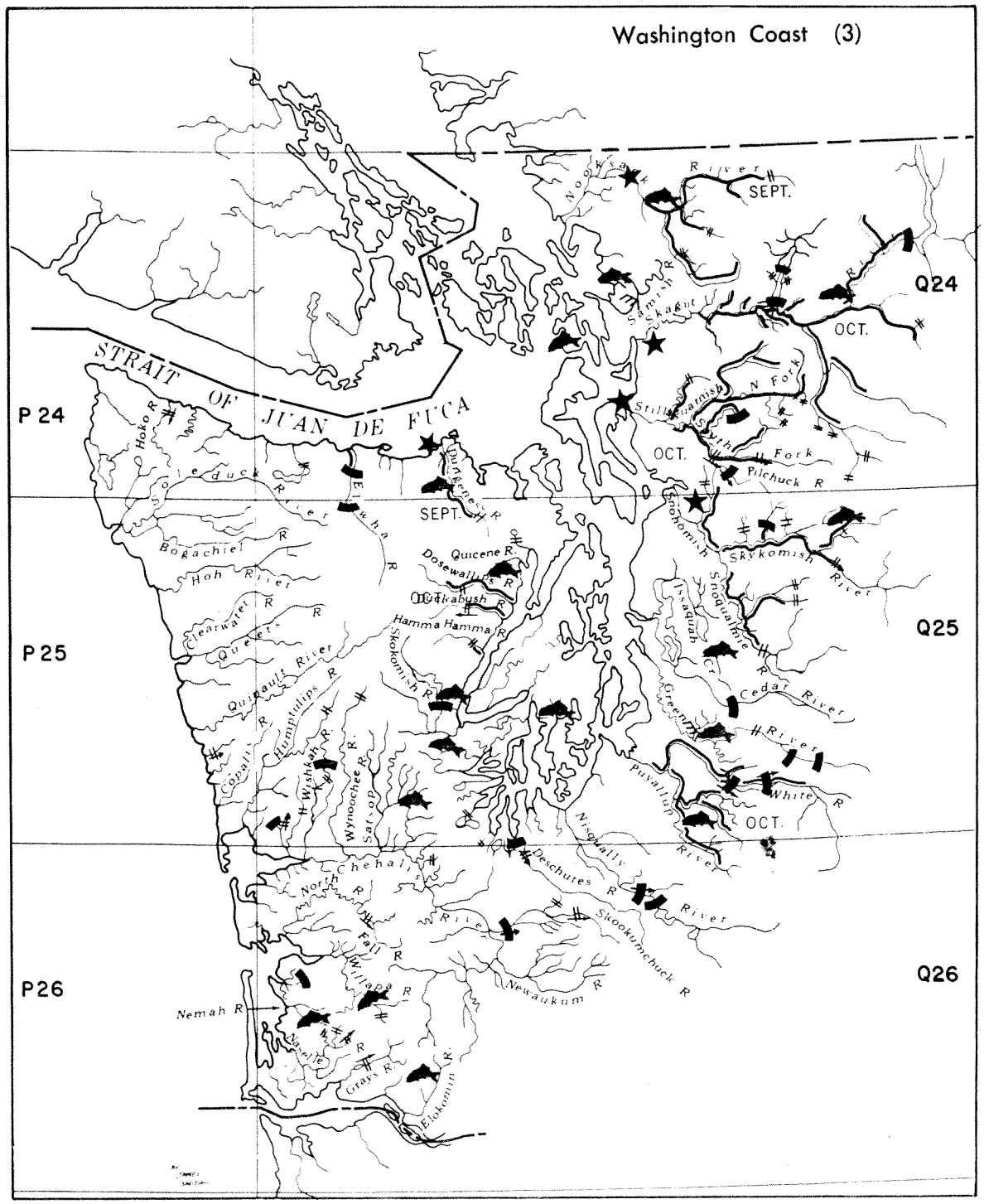

FIGURE 13. Spawning grounds of pink salmon on Washington coast.

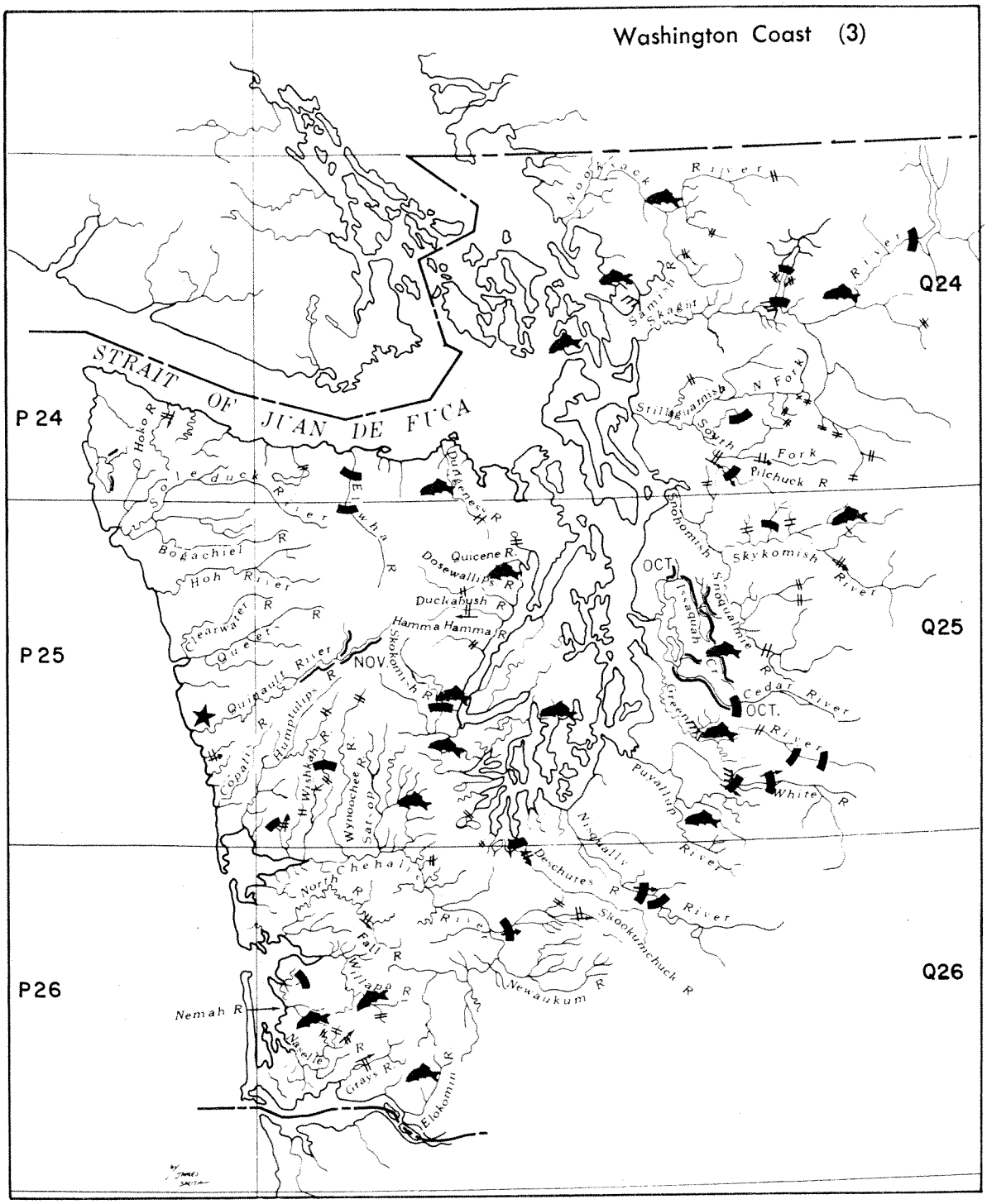

FIGURE 14. Spawning grounds of sockeye salmon on Washington coast.

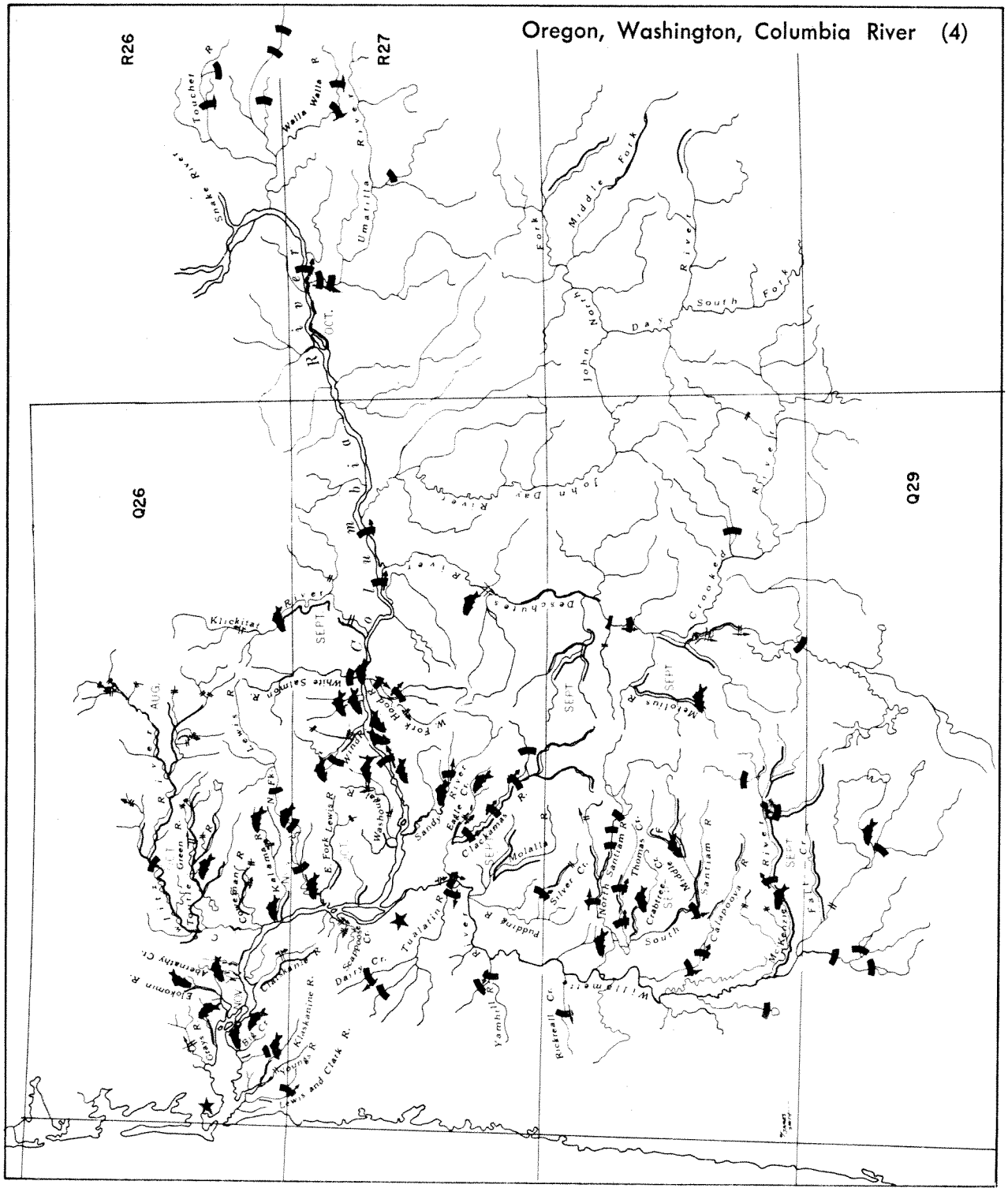

FIGURE 15. Spawning grounds of chinook salmon on Columbia River.

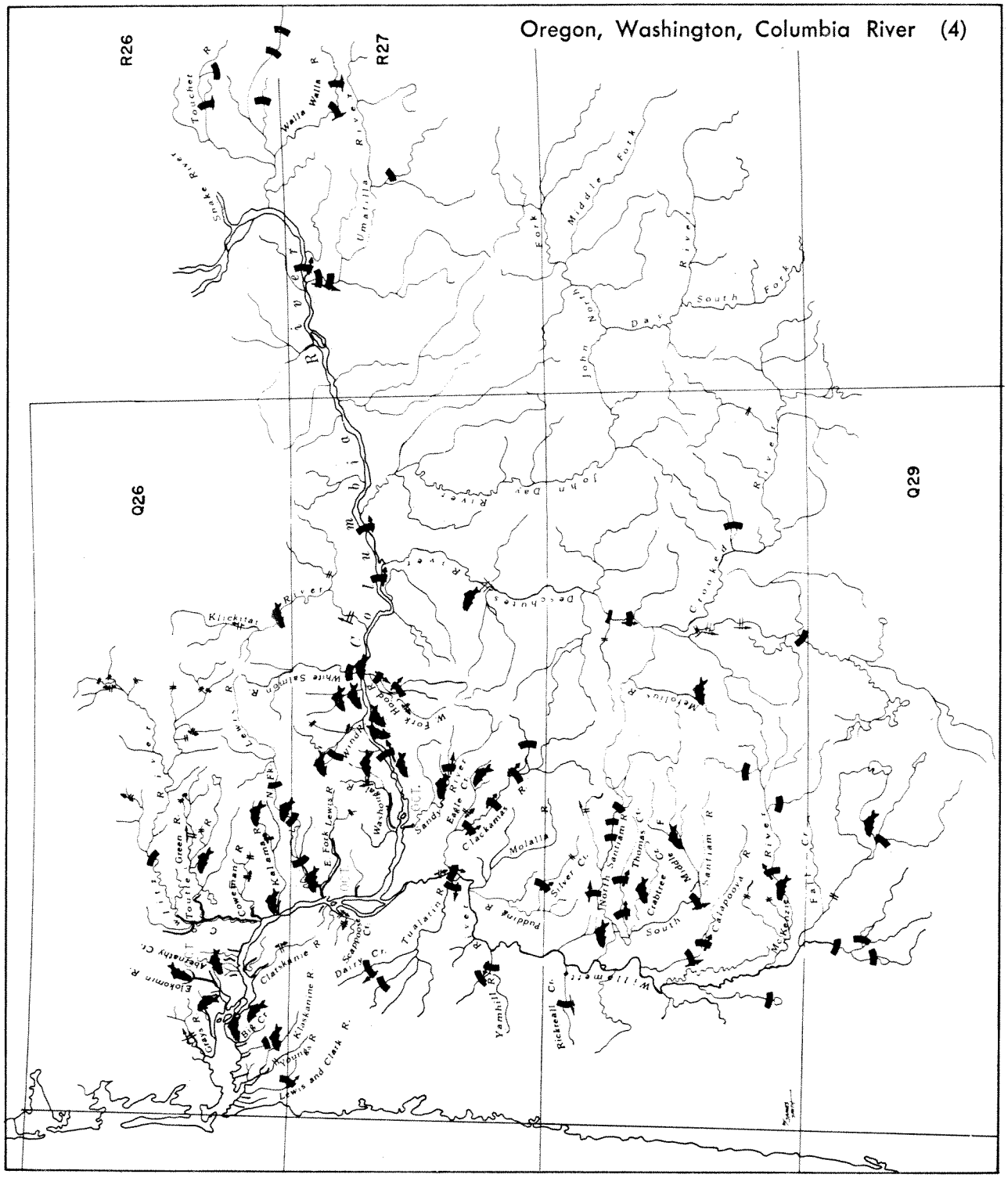

FIGURE 16. Spawning grounds of chum salmon on Columbia River.

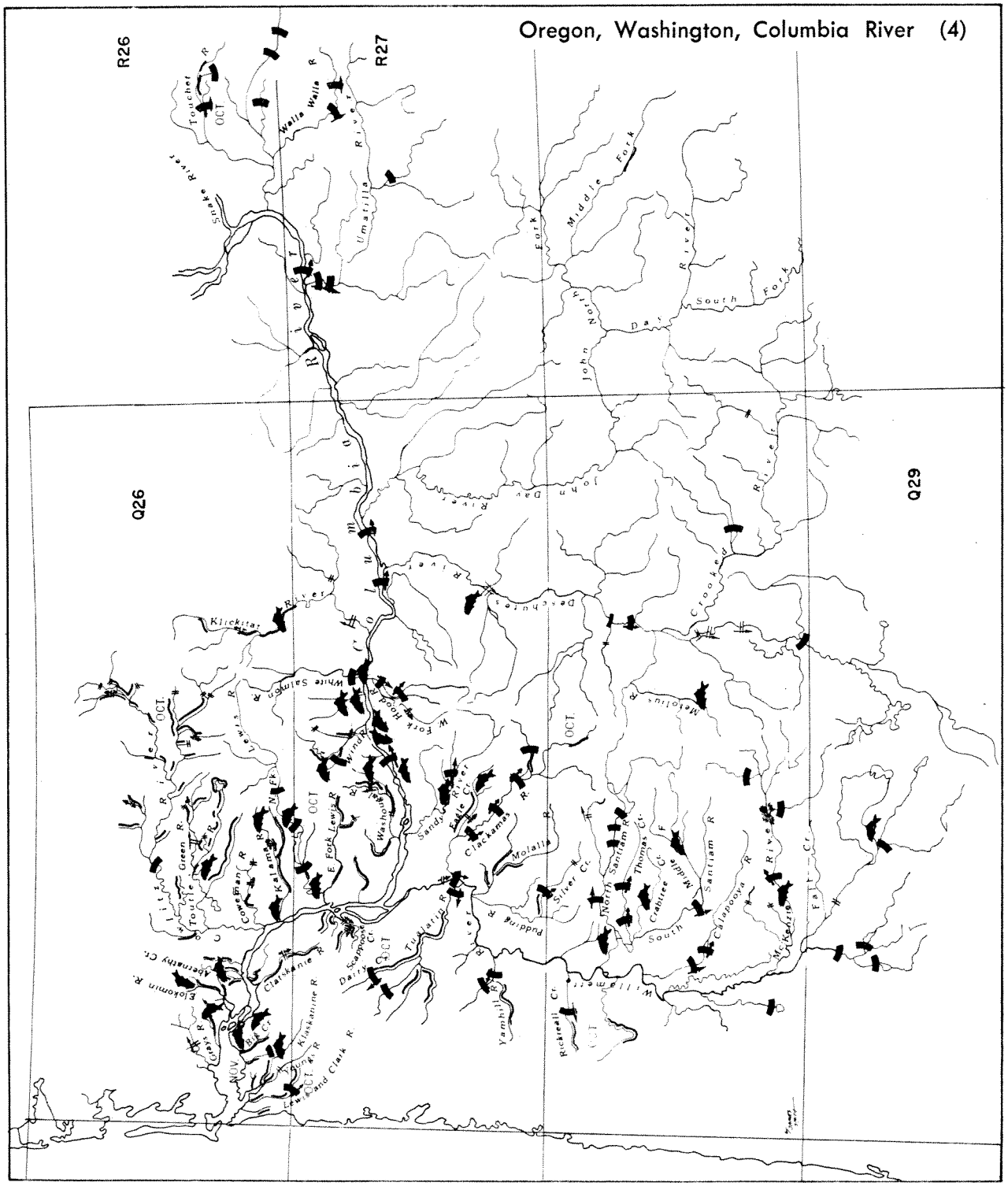

FIGURE 17. Spawning grounds of coho salmon on Columbia River.

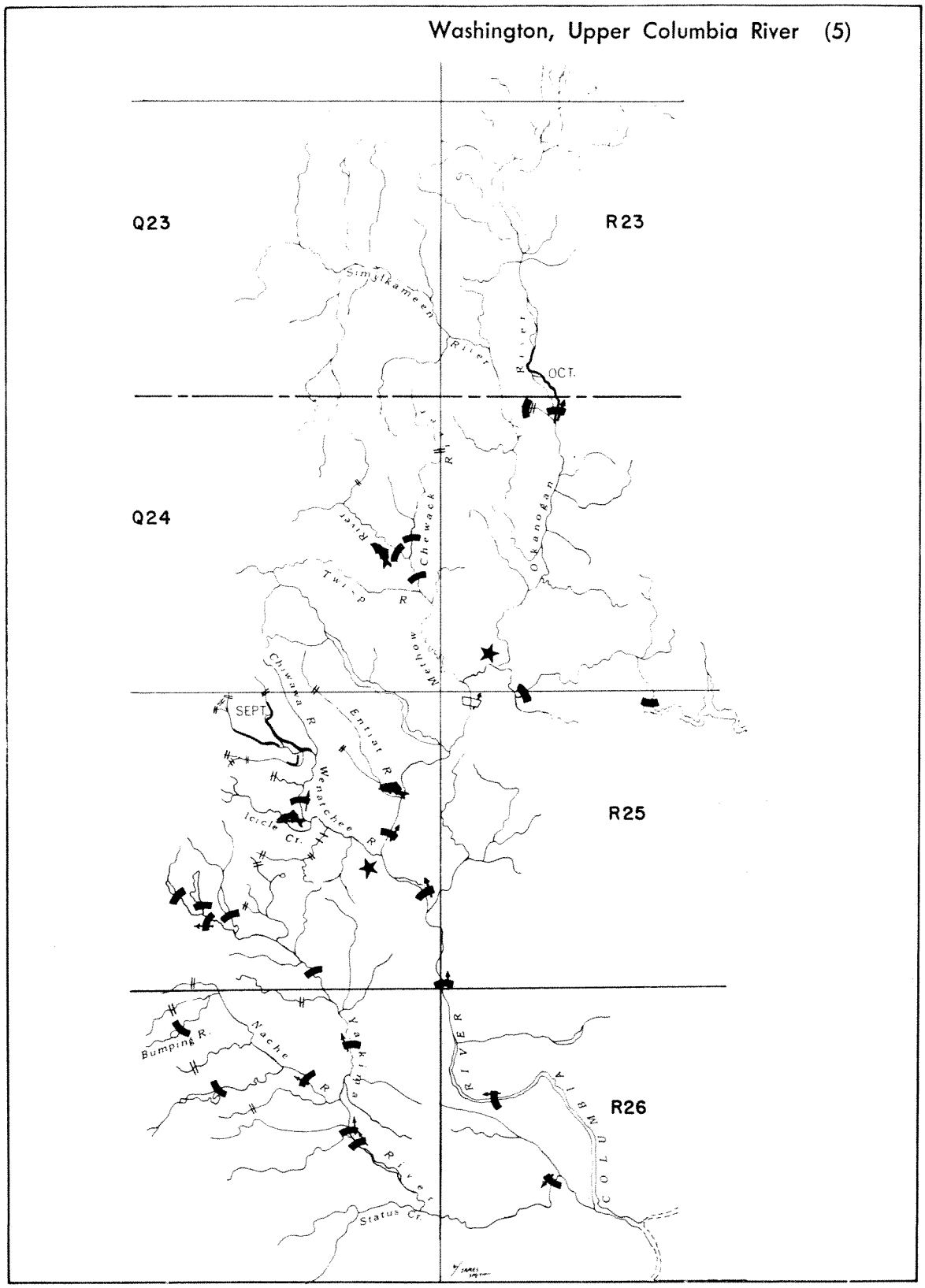

FIGURE 18. Spawning grounds of chinook salmon on Upper Columbia River.

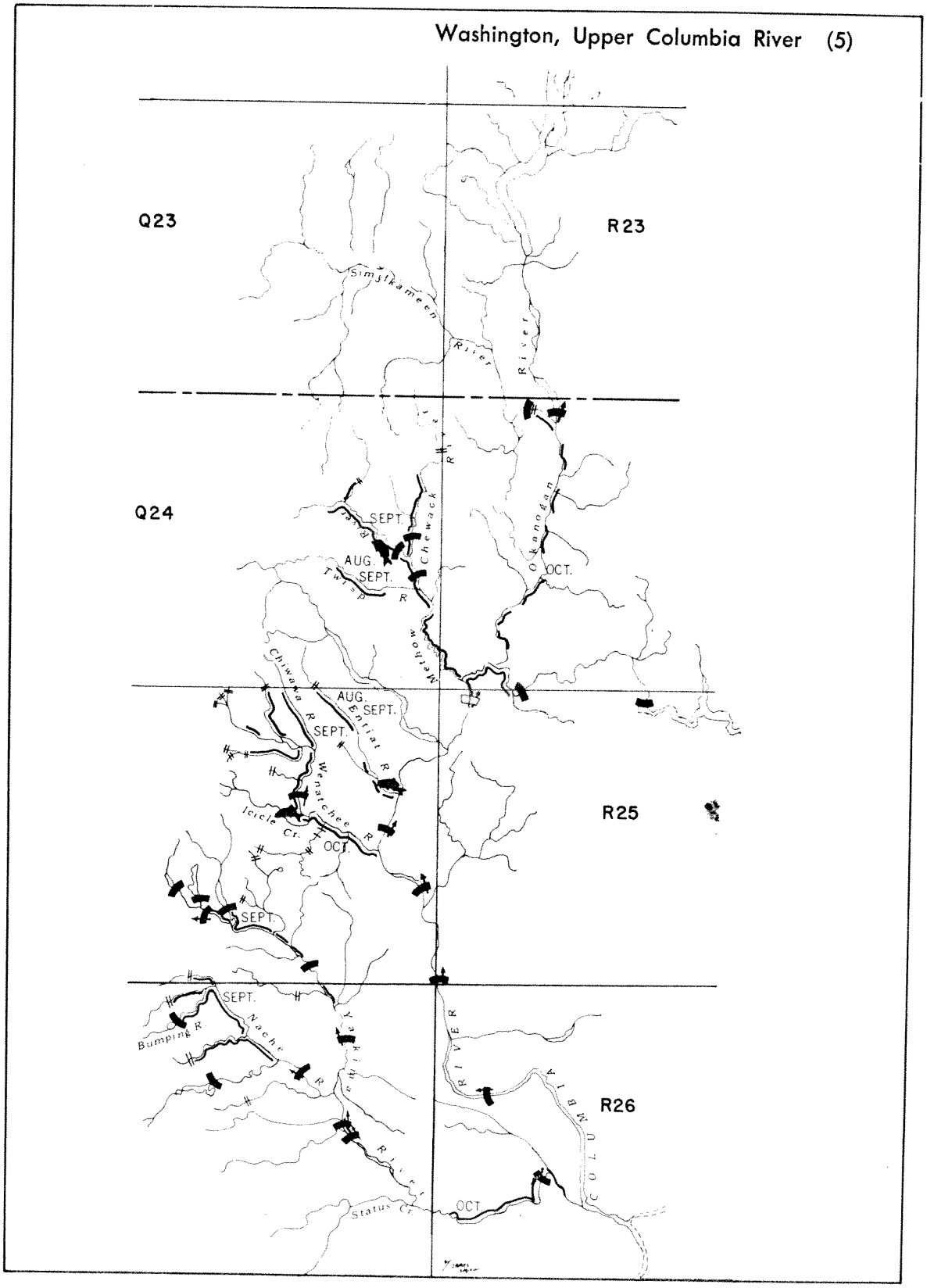

FIGURE 19. Spawning grounds of sockeye salmon on Upper Columbia River.

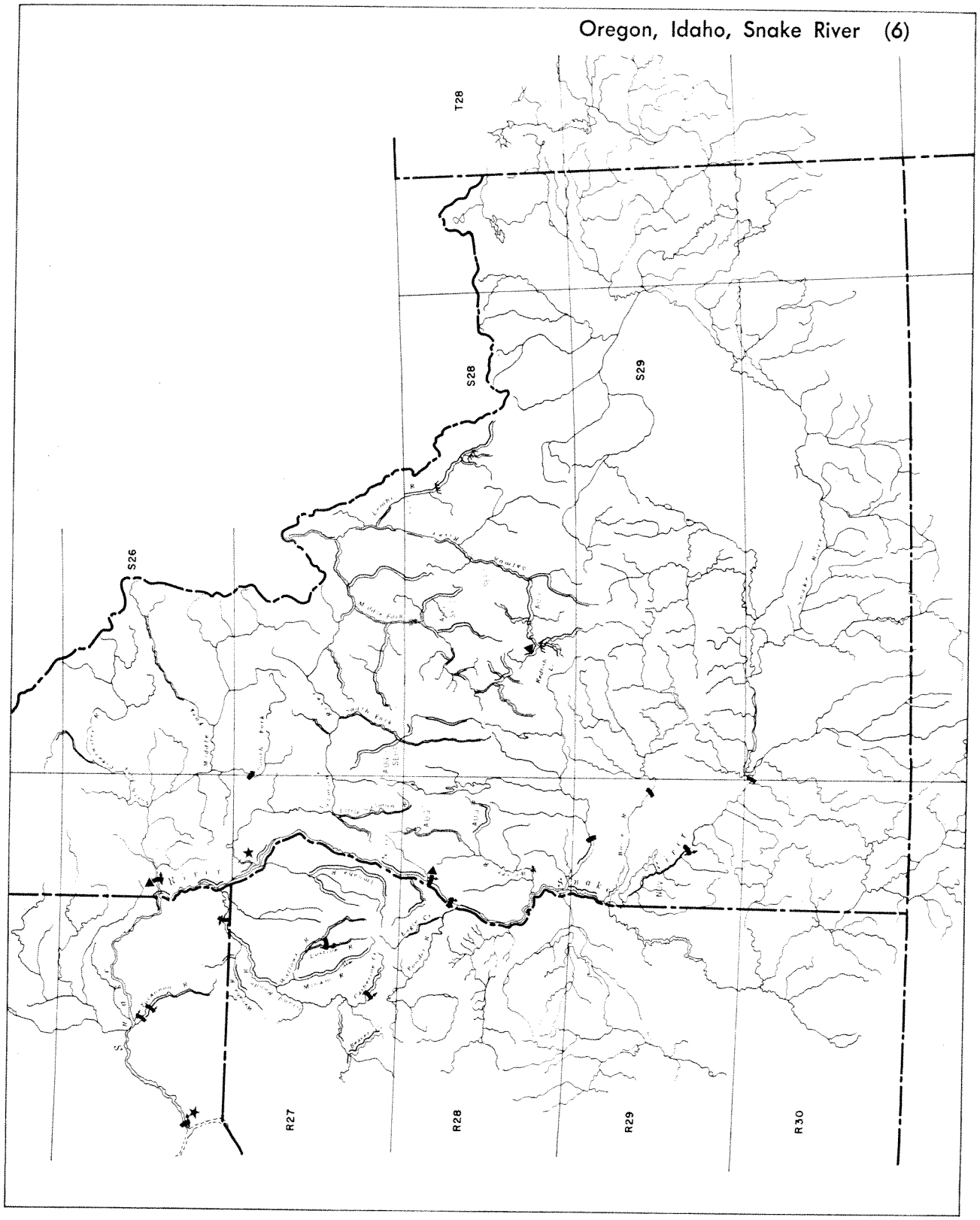

FIGURE 20. Spawning grounds of chinook salmon on Snake River.

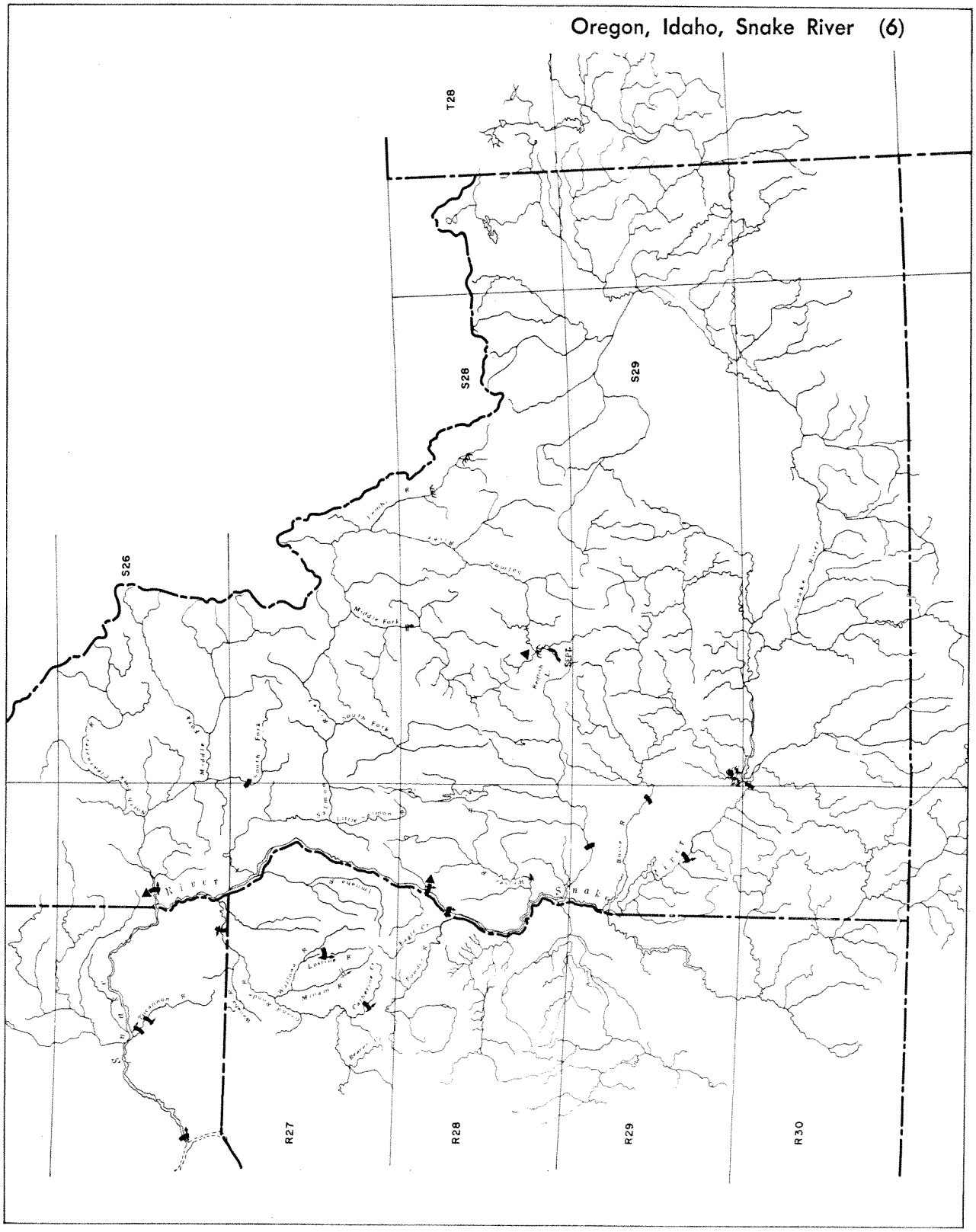

FIGURE 21. Spawning grounds of sockeye salmon on Snake River.

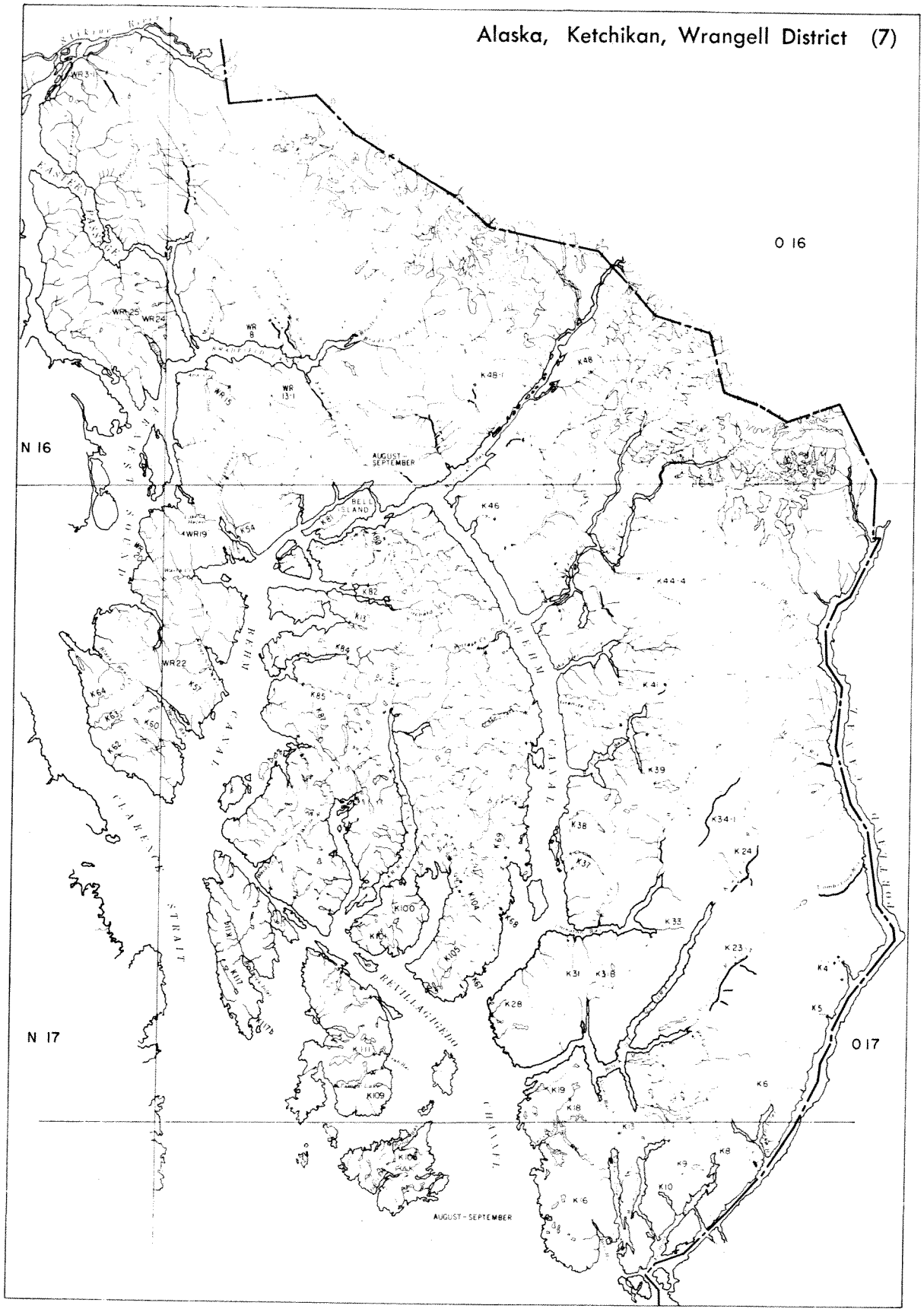

FIGURE 22. Spawning grounds of chinook salmon in Southeastern Alaska (Ketchikan-Wrangell).

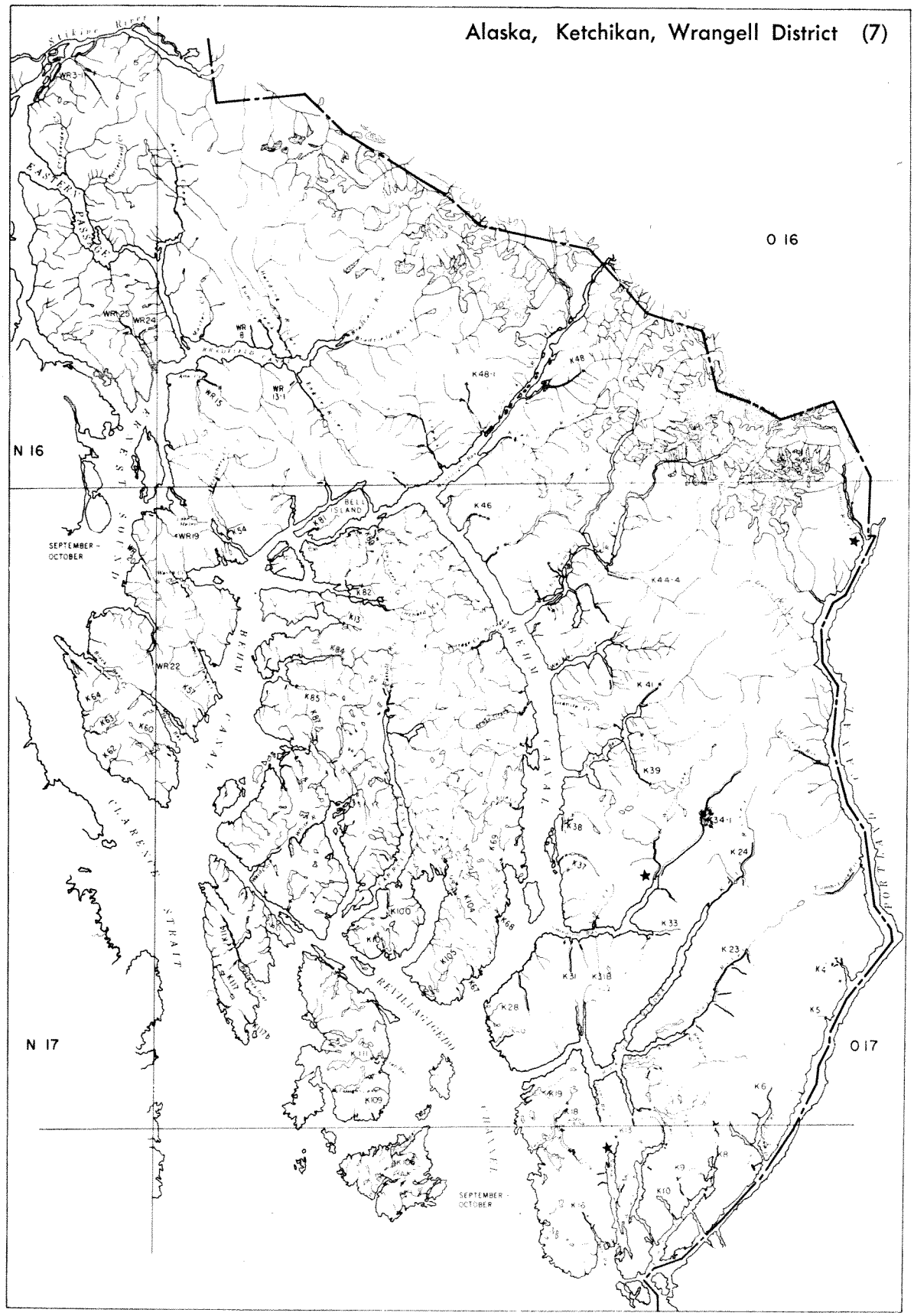

FIGURE 23. Spawning grounds of chum salmon in Southeastern Alaska (Ketchikan-Wrangell).

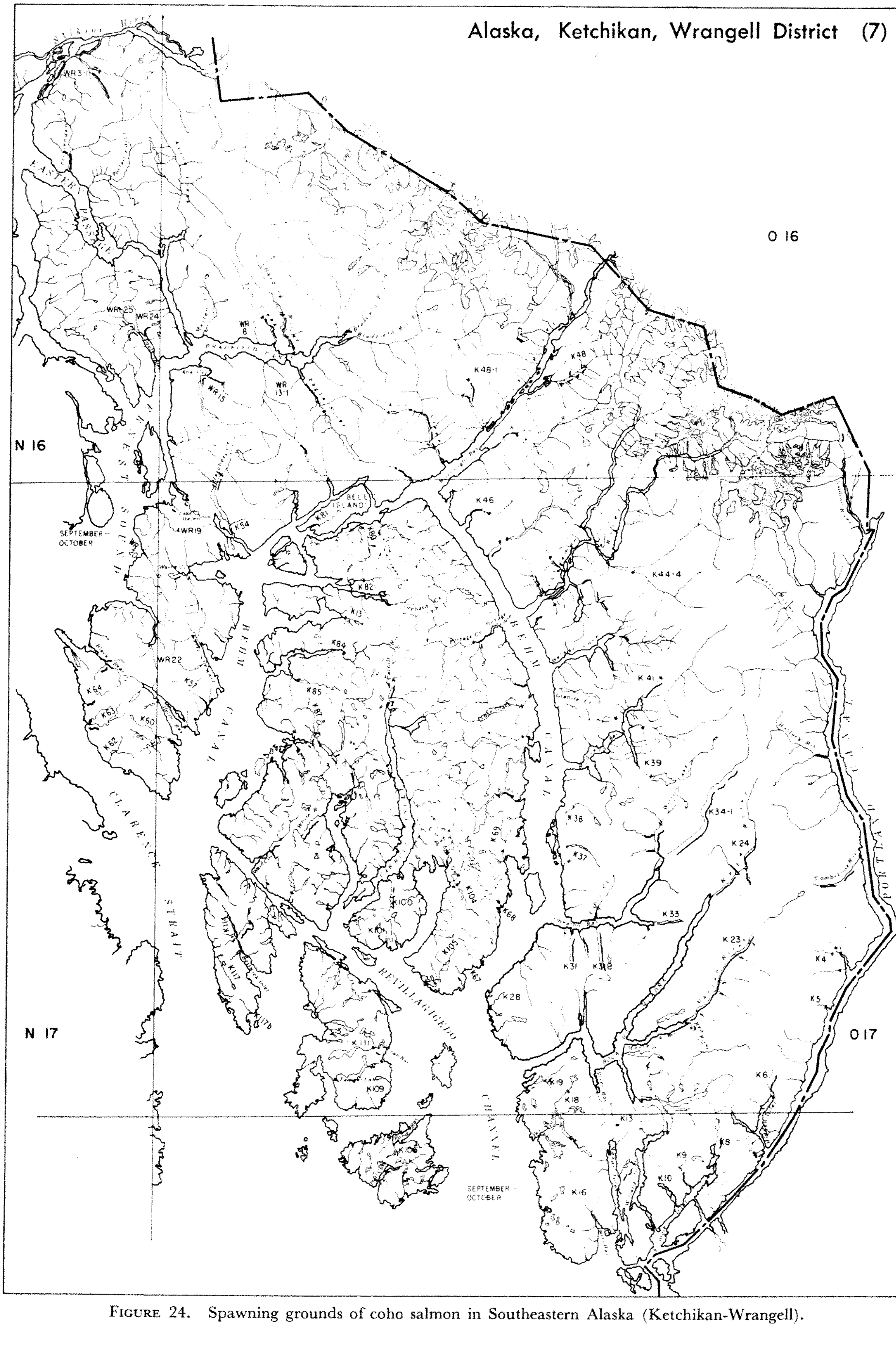

FIGURE 24. Spawning grounds of coho salmon in Southeastern Alaska (Ketchikan-Wrangell).

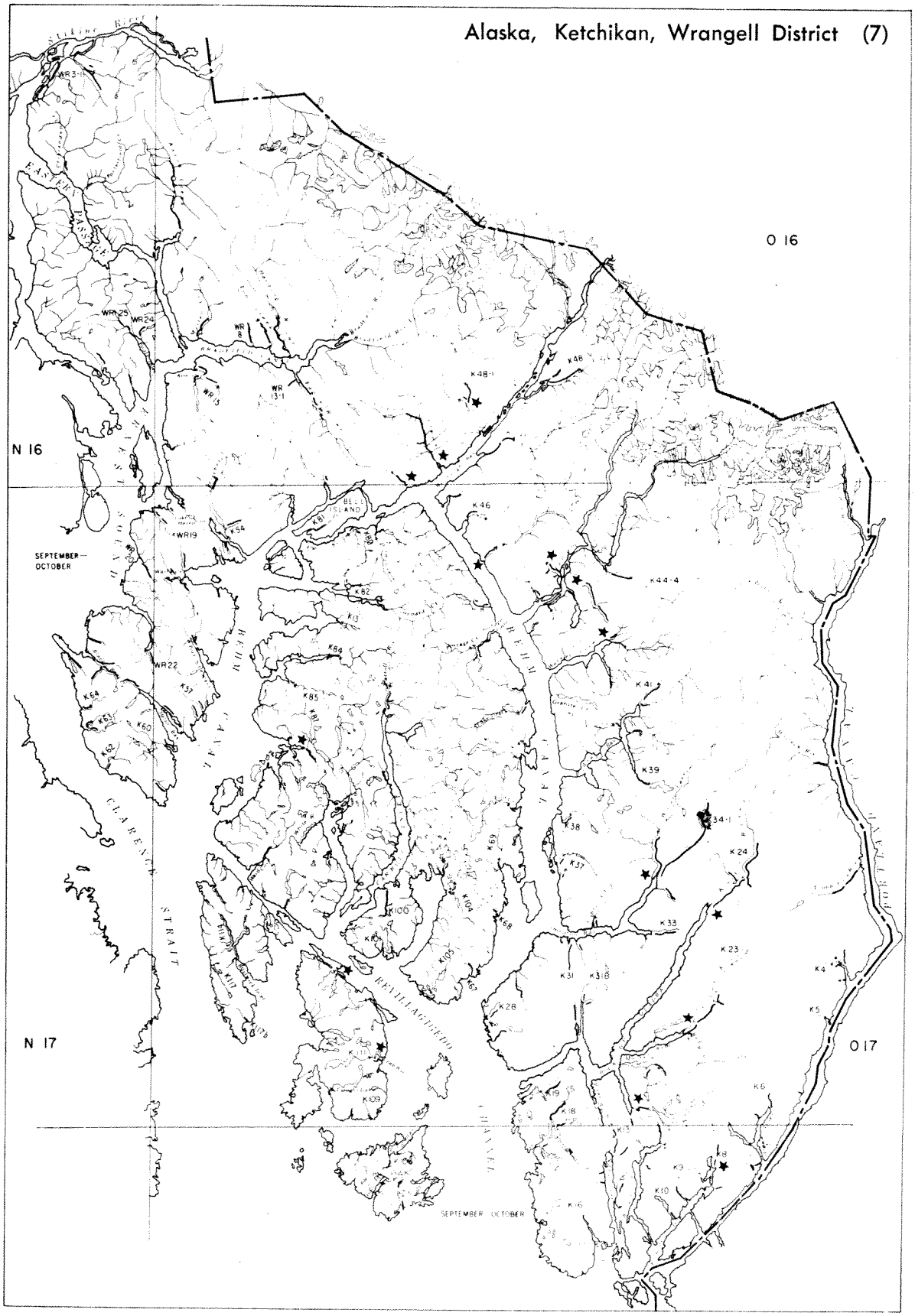

FIGURE 25. Spawning grounds of pink salmon in Southeastern Alaska (Ketchikan-Wrangell).

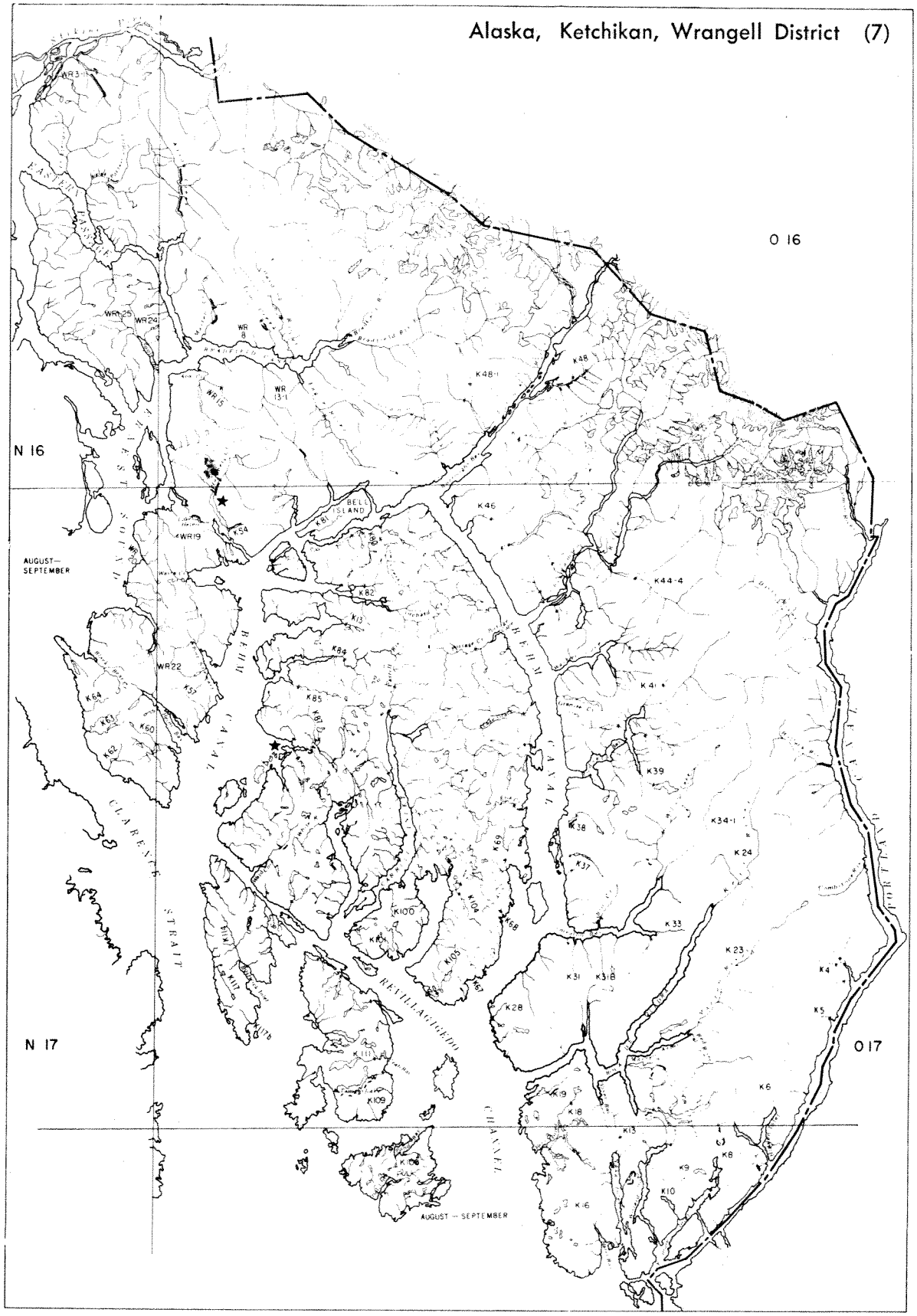

FIGURE 26. Spawning grounds of sockeye salmon in Southeastern Alaska (Ketchikan-Wrangell).

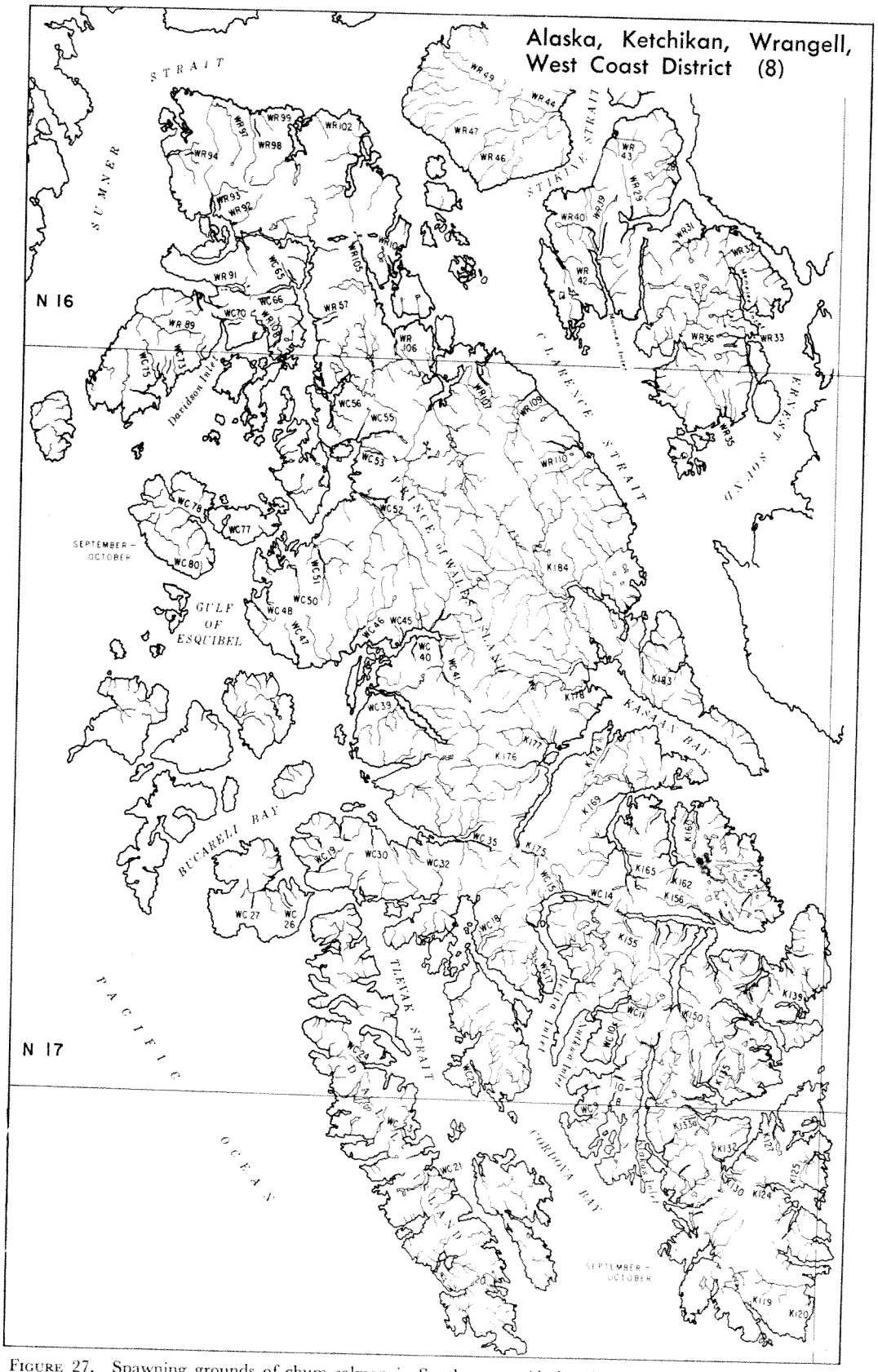

FIGURE 27. Spawning grounds of chum salmon in Southeastern Alaska (Ketchikan-Wrangell-West Coast).

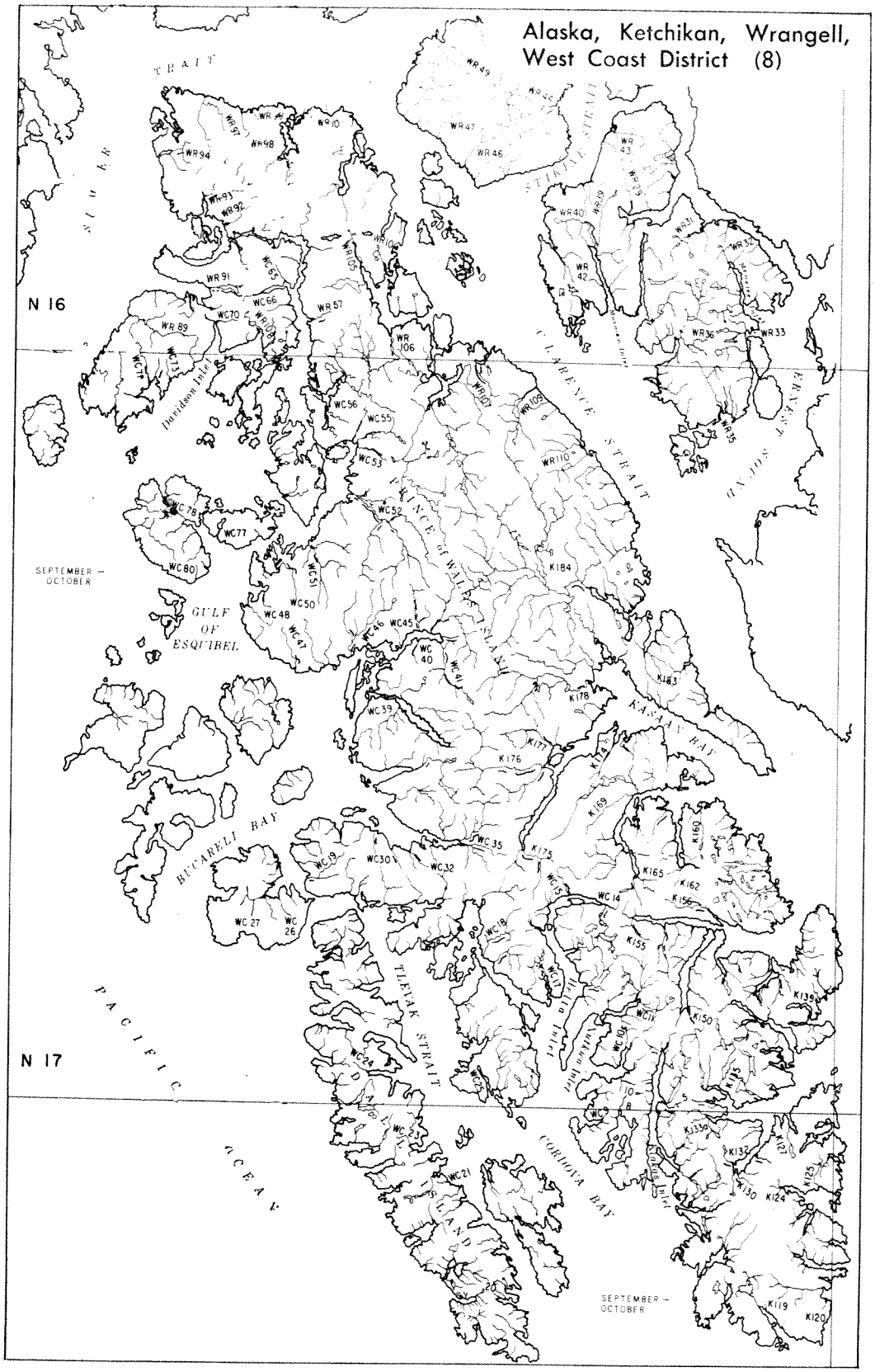

FIGURE 28. Spawning grounds of coho salmon in Southeastern Alaska (Ketchikan-Wrangell-West Coast).

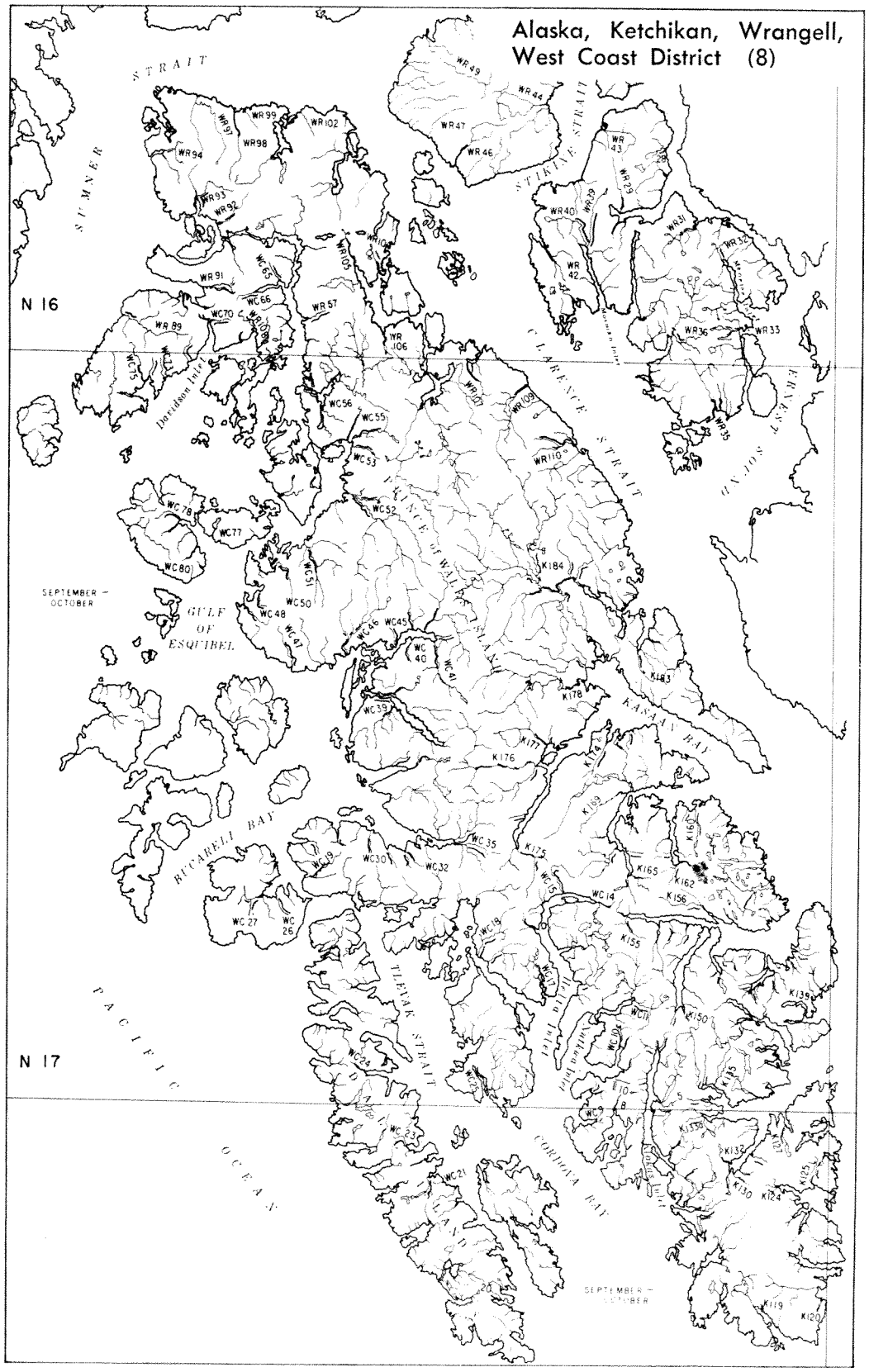

FIGURE 29. Spawning grounds of pink salmon in Southeastern Alaska (Ketchikan-Wrangell-West Coast).

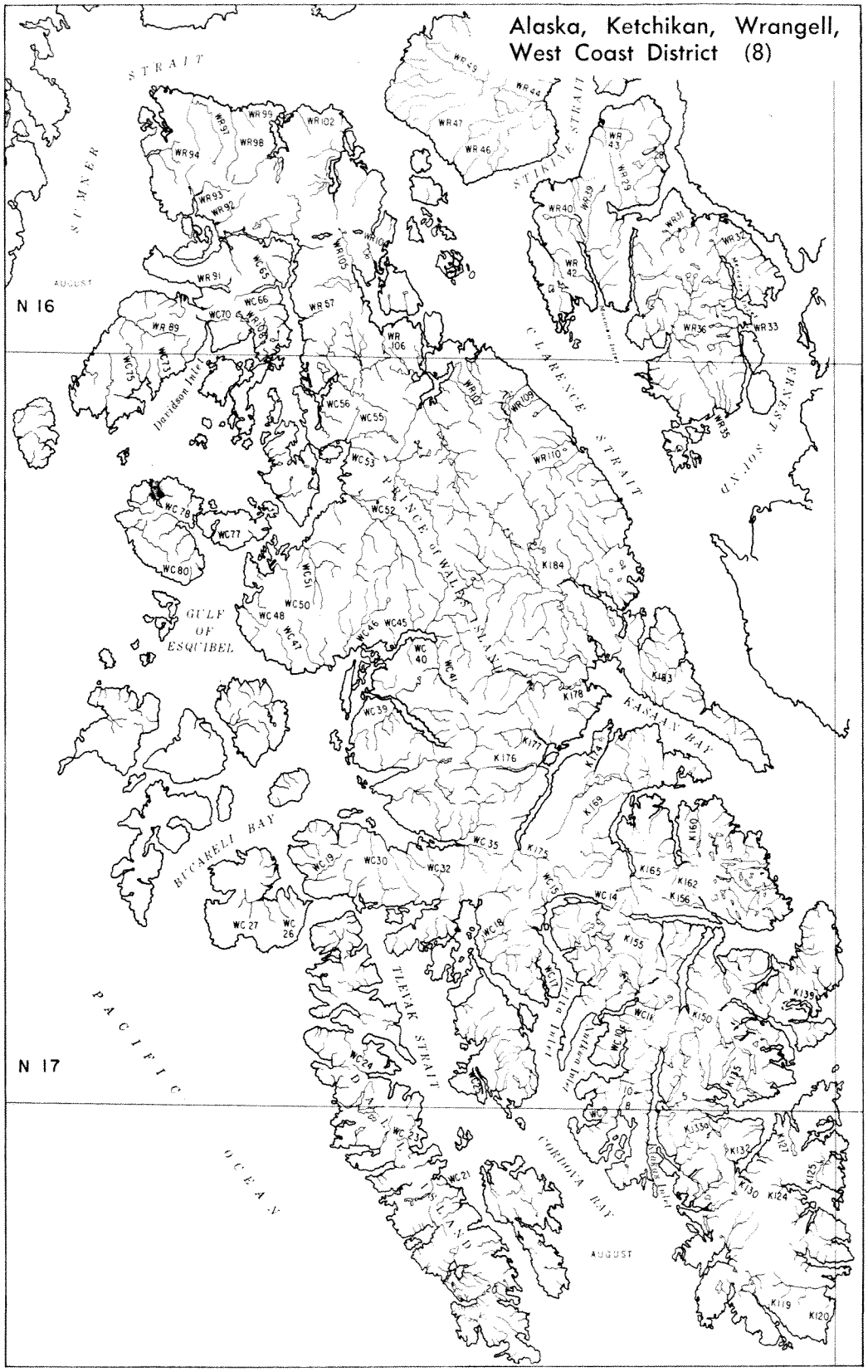

FIGURE 30. Spawning grounds of sockeye salmon in Southeastern Alaska (Ketchikan-Wrangell-West Coast).

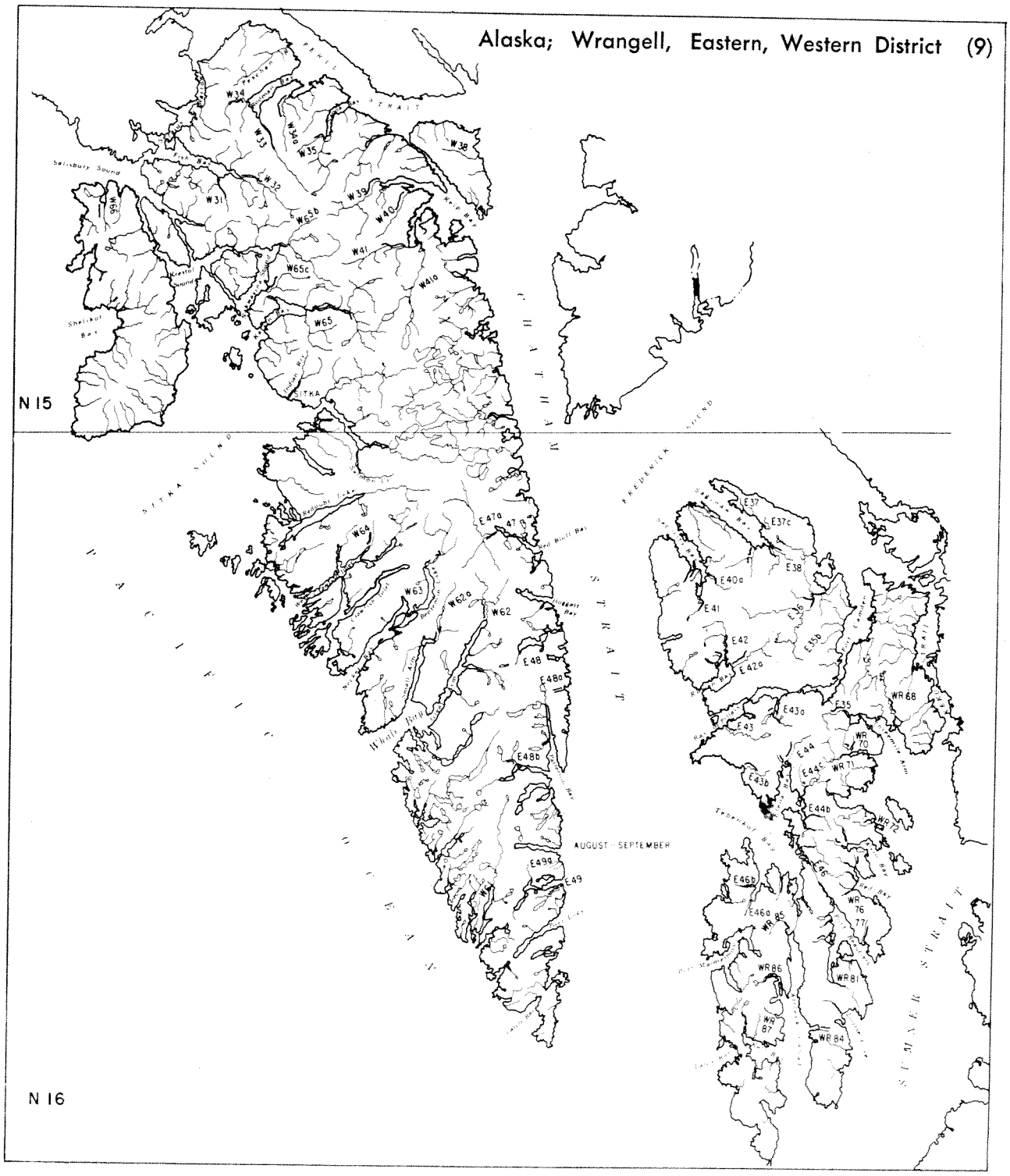

FIGURE 31. Spawning grounds of chum salmon in Southeastern Alaska (Wrangell-Eastern-Western).

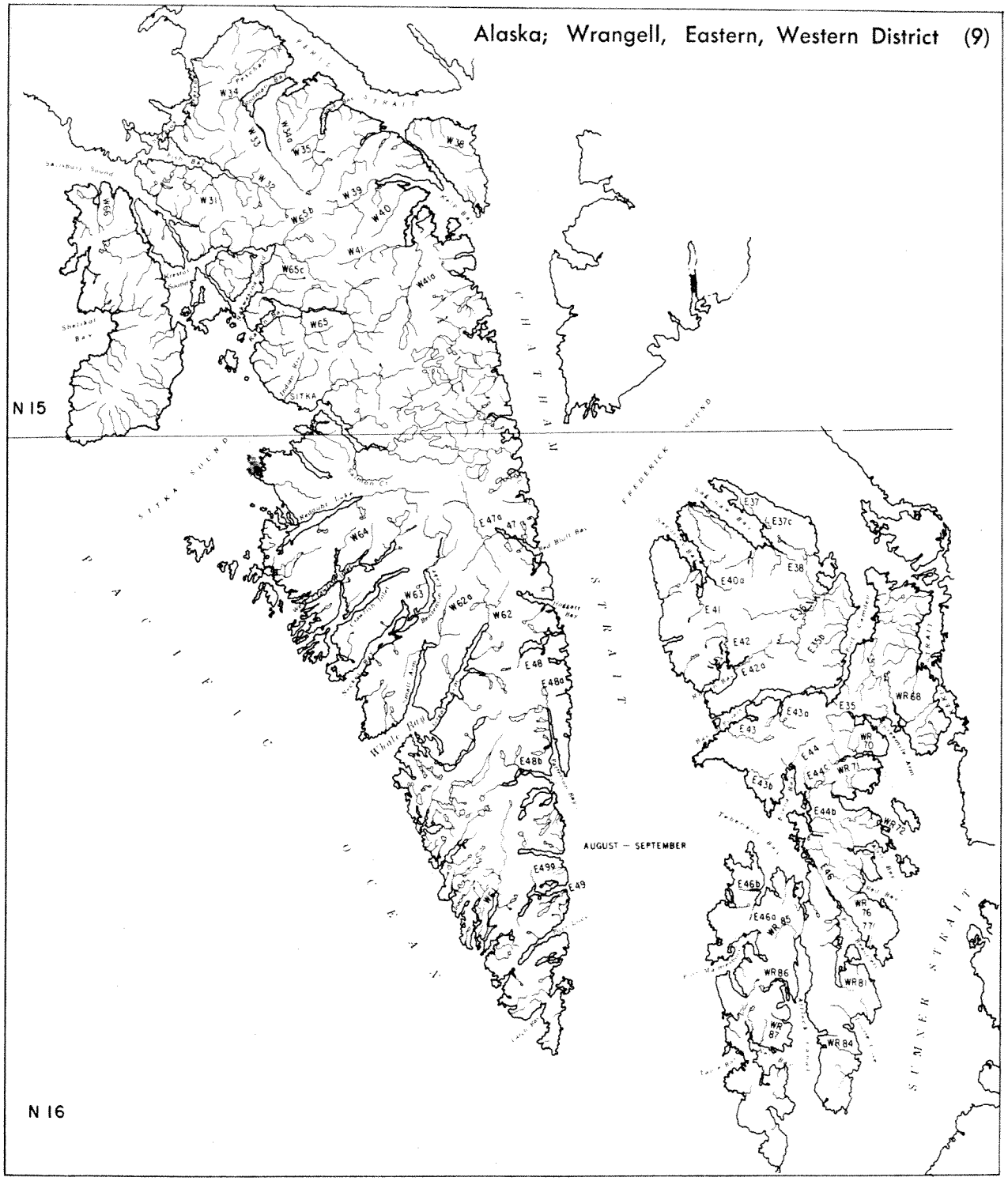

FIGURE 32. Spawning grounds of coho salmon in Southeastern Alaska (Wrangell-Eastern-Western).

FIGURE 33. Spawning grounds of pink salmon in Southeastern Alaska (Wrangell-Eastern-Western).

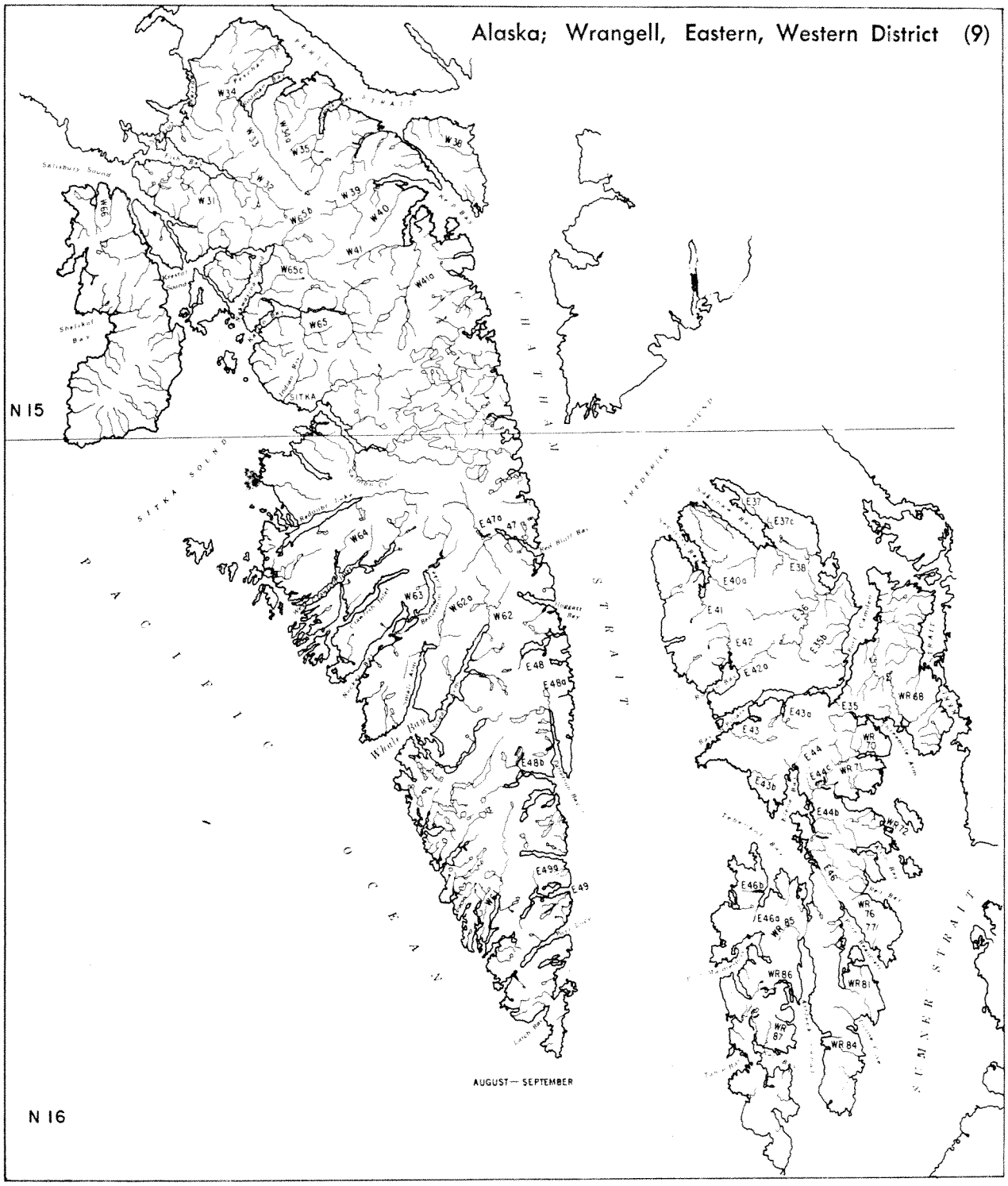

FIGURE 34. Spawning grounds of sockeye salmon in Southeastern Alaska (Wrangell-Eastern-Western).

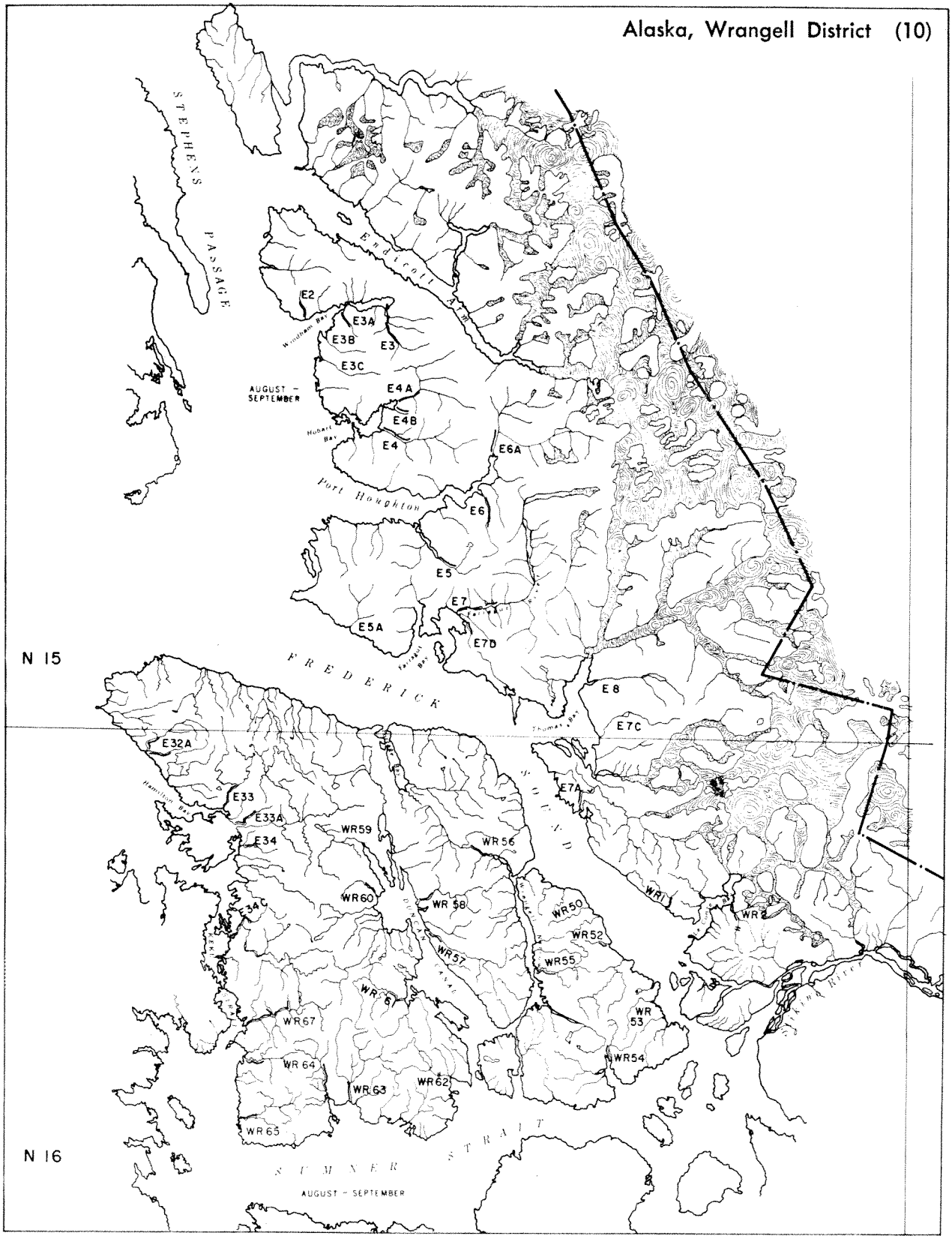

FIGURE 35. Spawning grounds of chum salmon in Southeastern Alaska (Wrangell).

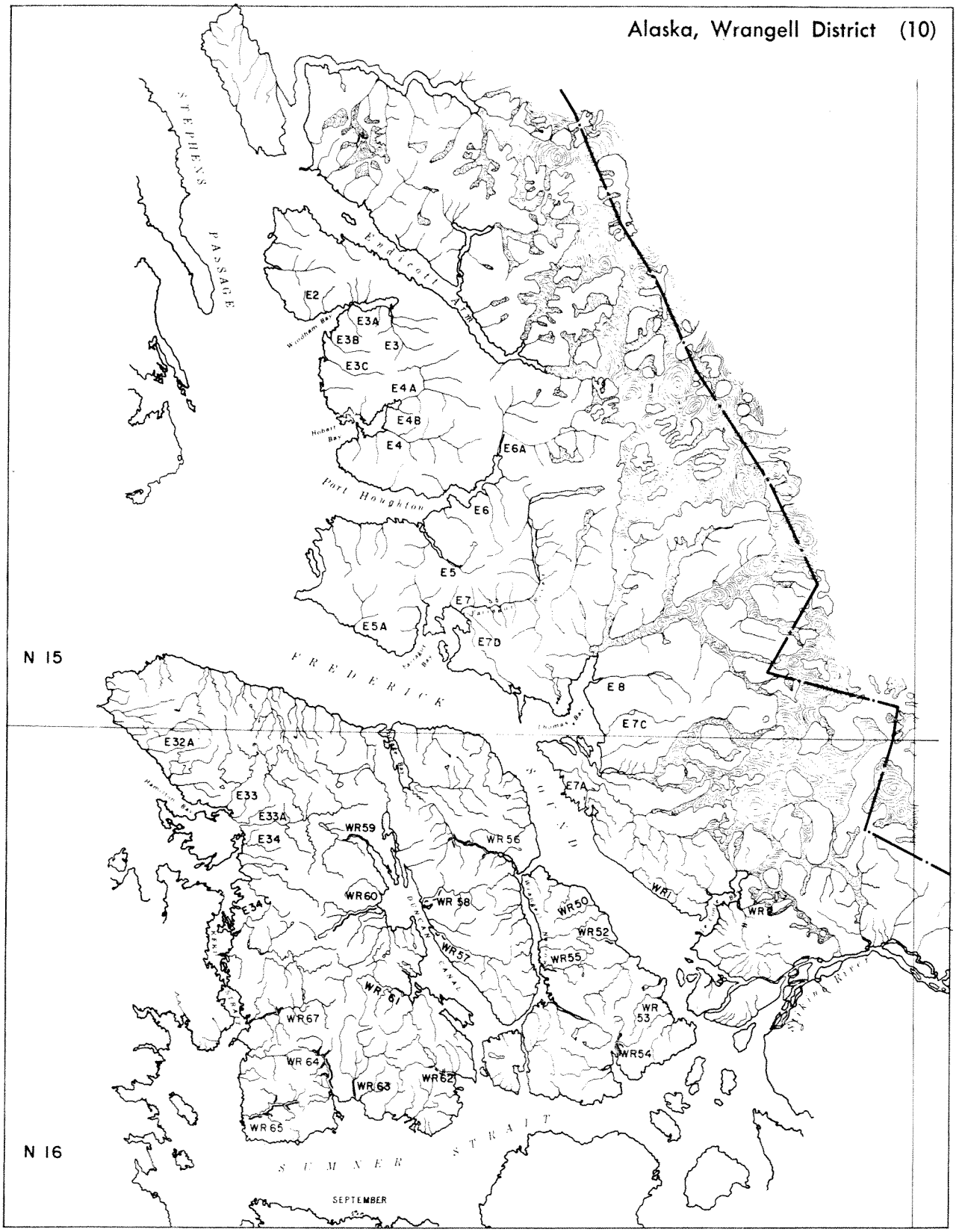

FIGURE 36. Spawning grounds of coho salmon in Southeastern Alaska (Wrangell).

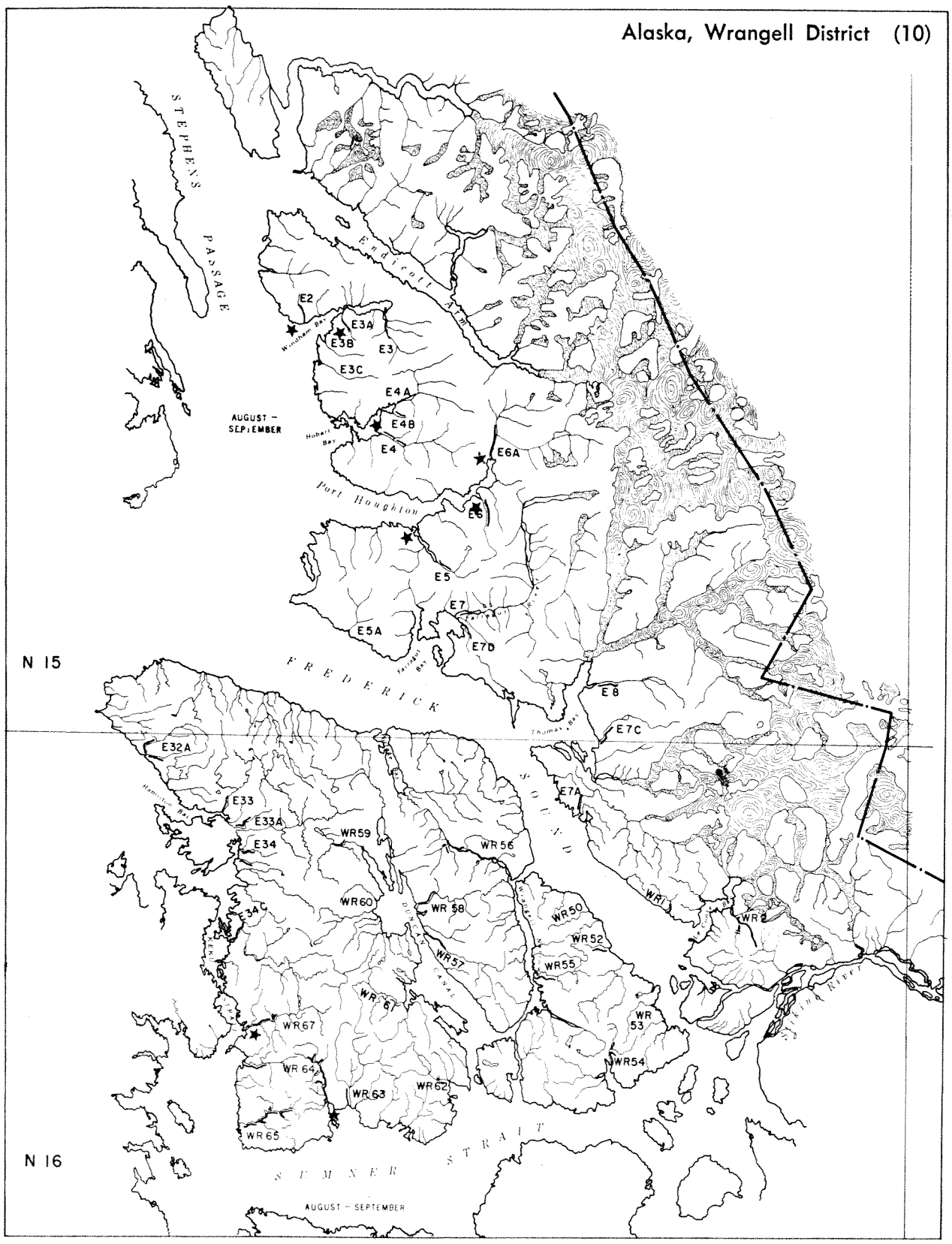

FIGURE 37. Spawning grounds of pink salmon in Southeastern Alaska (Wrangell).

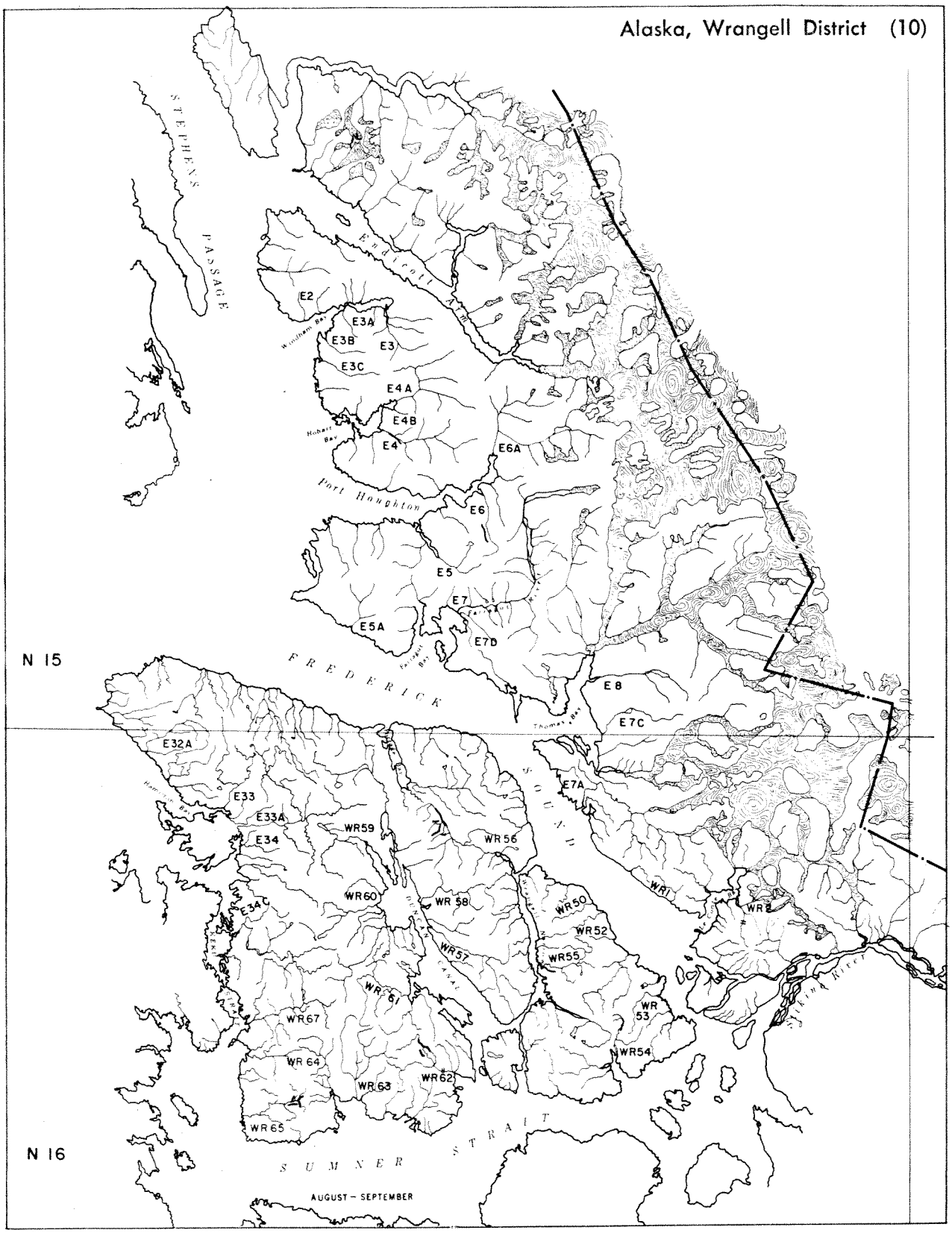

FIGURE 38. Spawning grounds of sockeye salmon in Southeastern Alaska (Wrangell).

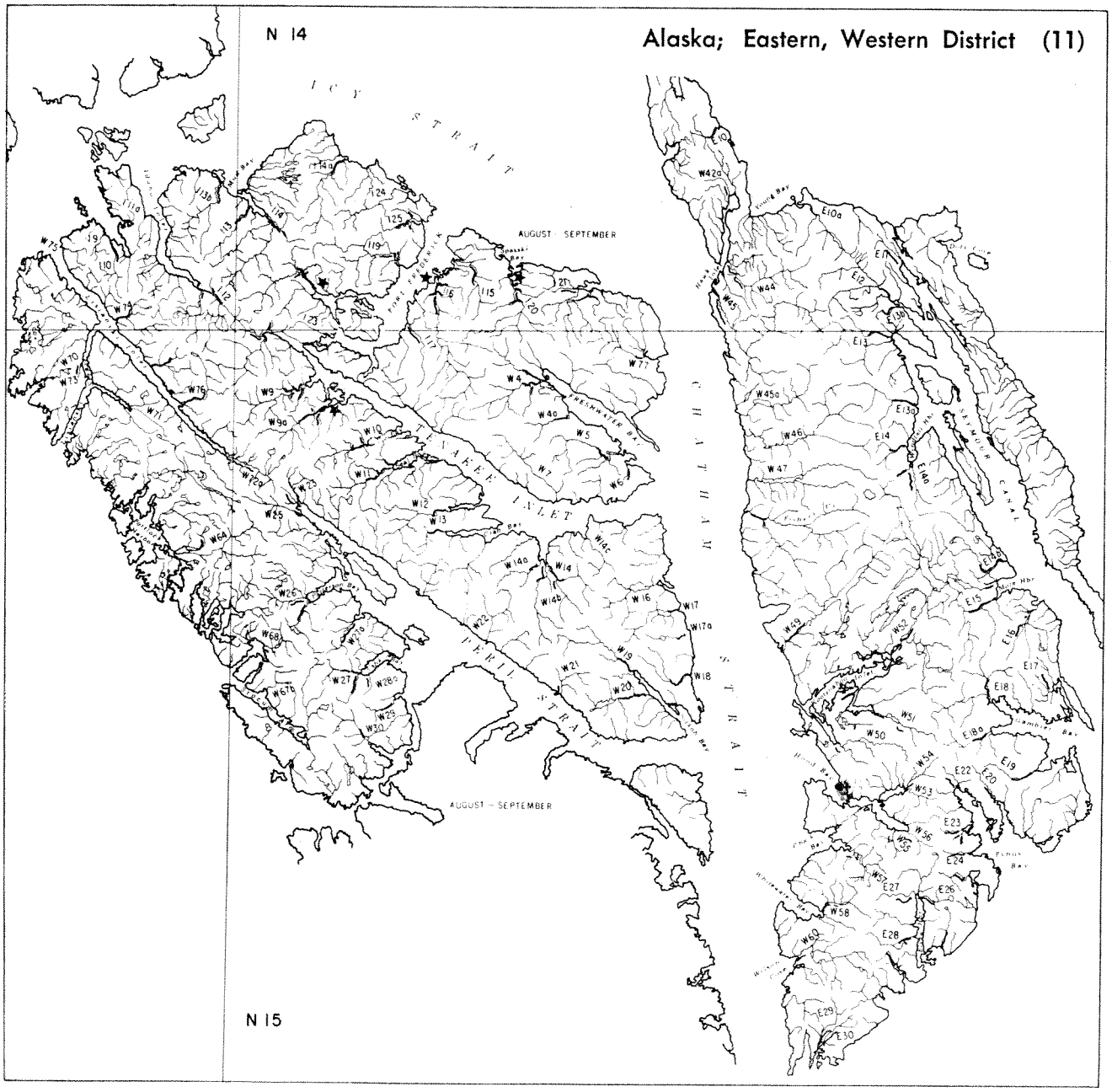

FIGURE 39. Spawning grounds of chum salmon in Southeastern Alaska (Eastern-Western).

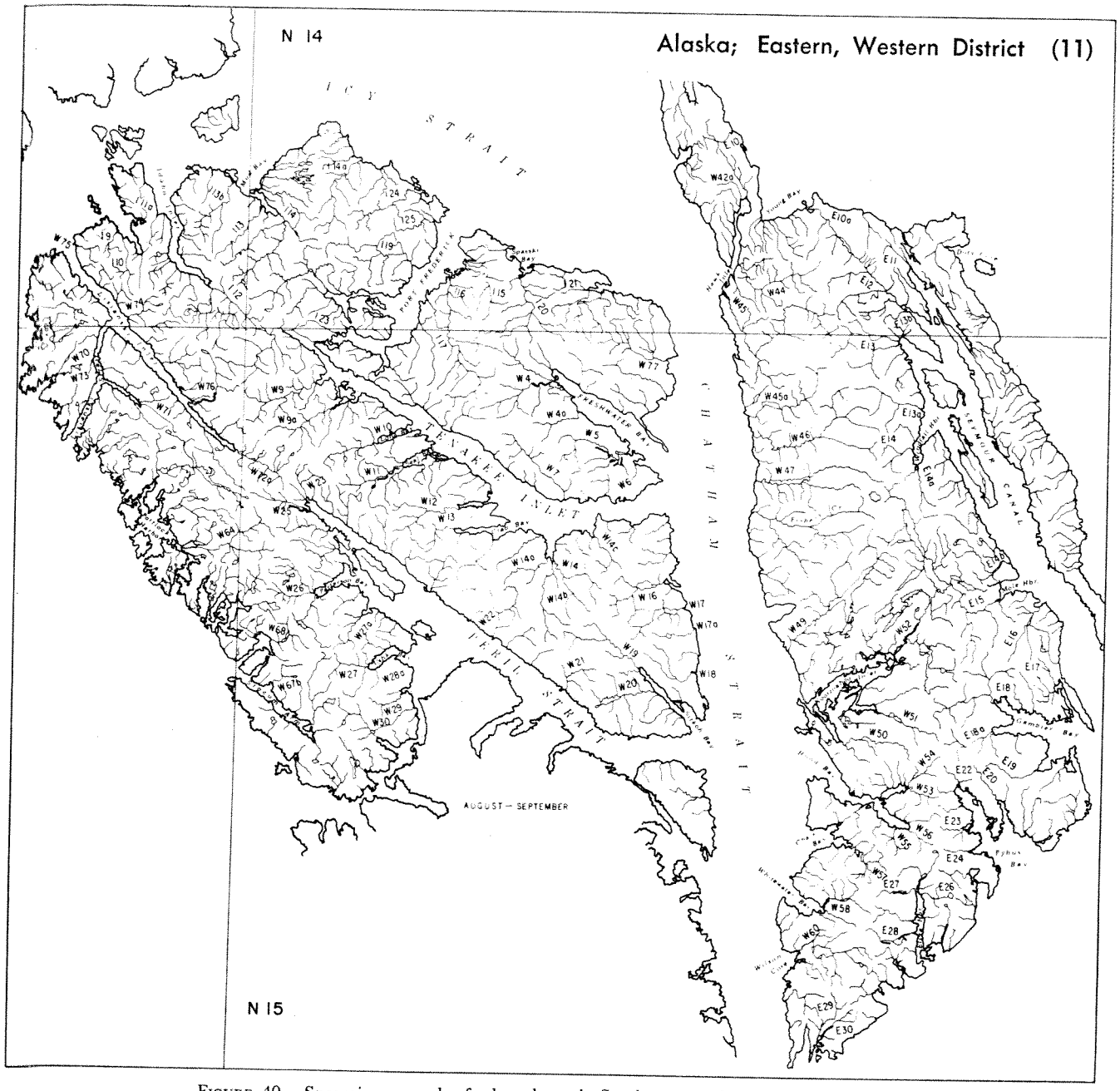

FIGURE 40. Spawning grounds of coho salmon in Southeastern Alaska (Eastern-Western).

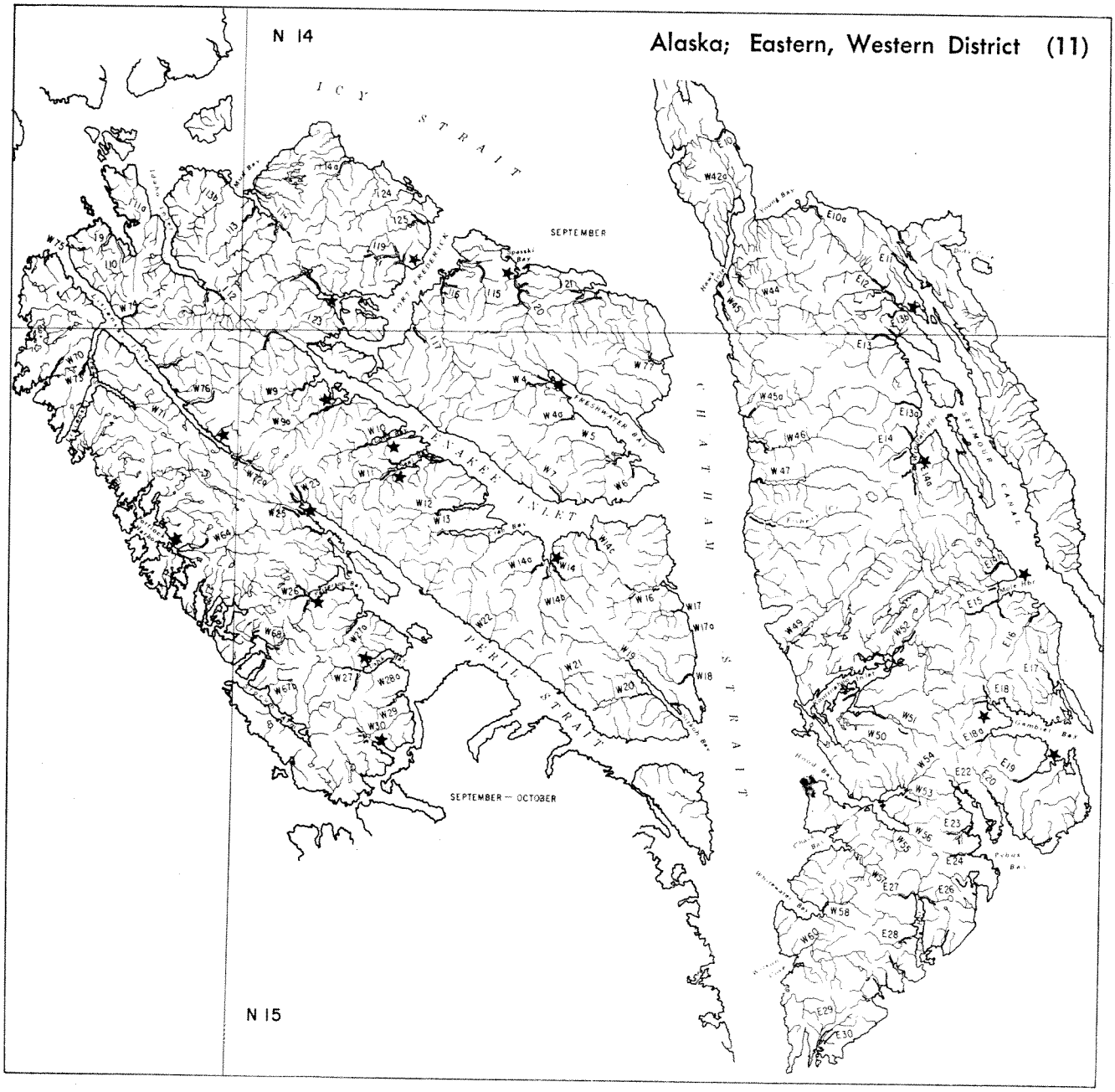

FIGURE 41. Spawning grounds of pink salmon in Southeastern Alaska (Eastern-Western).

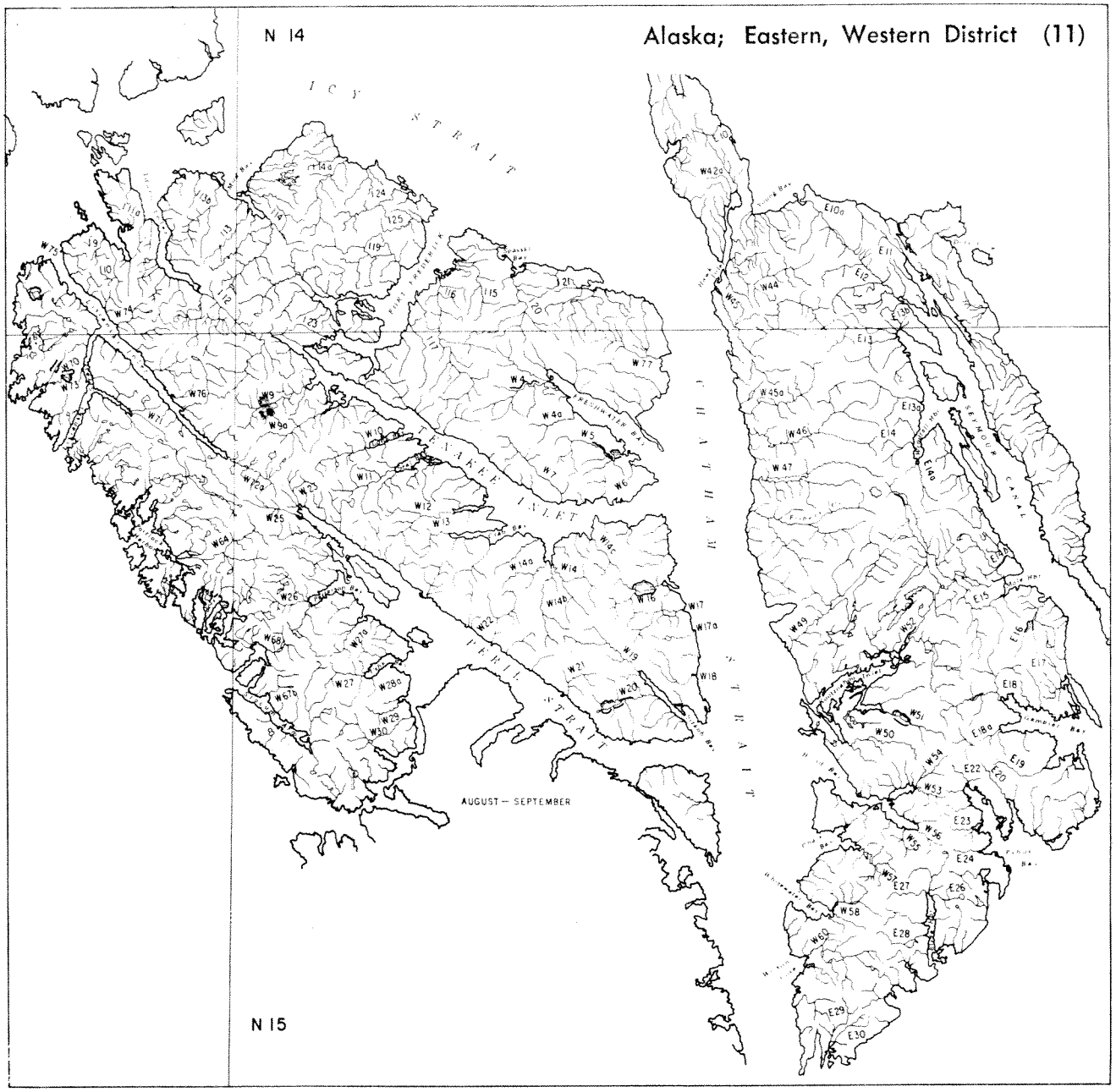

FIGURE 42. Spawning grounds of sockeye salmon in Southeastern Alaska (Eastern-Western).

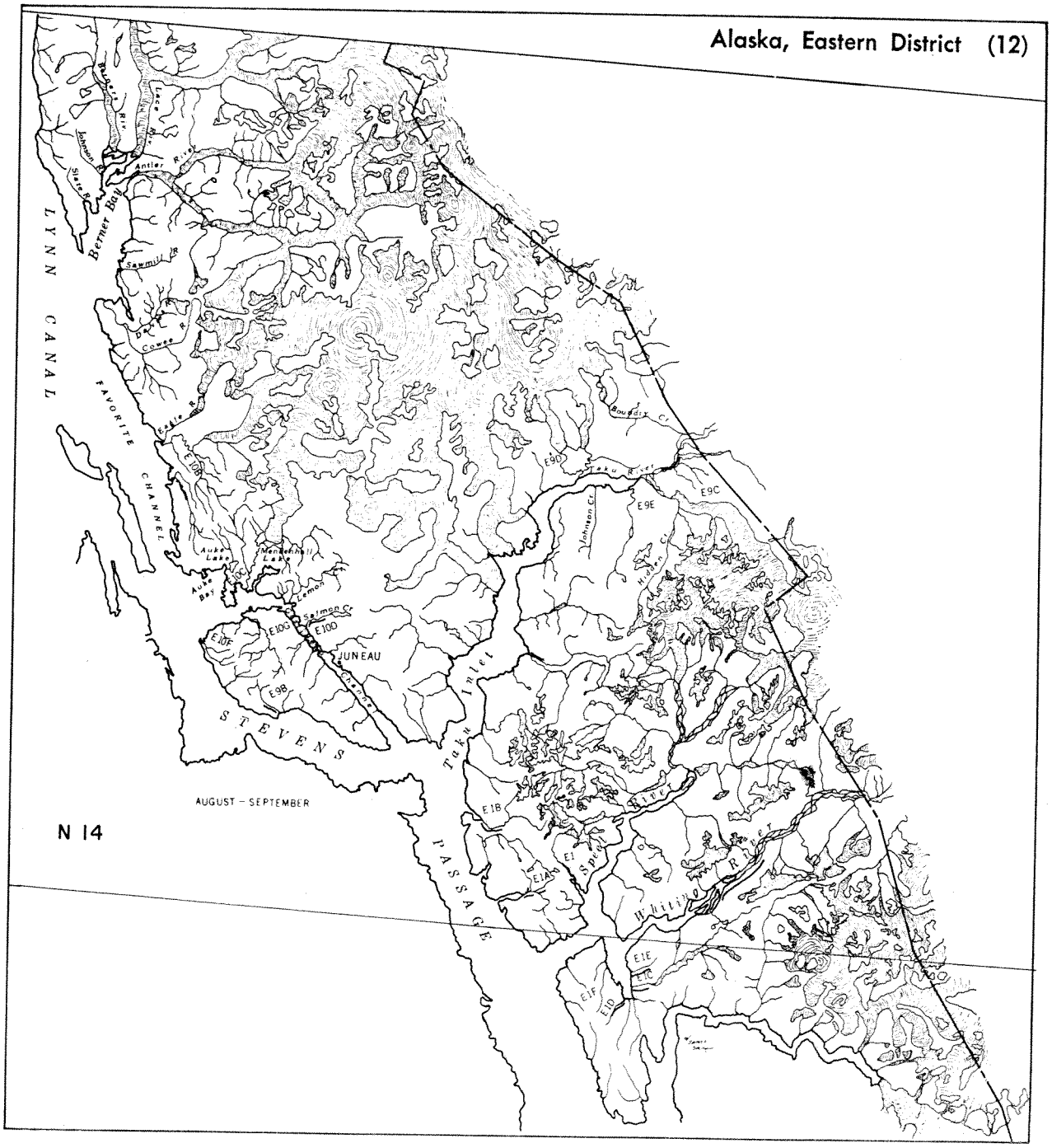

FIGURE 43. Spawning grounds of chum salmon in Southeastern Alaska (Eastern).

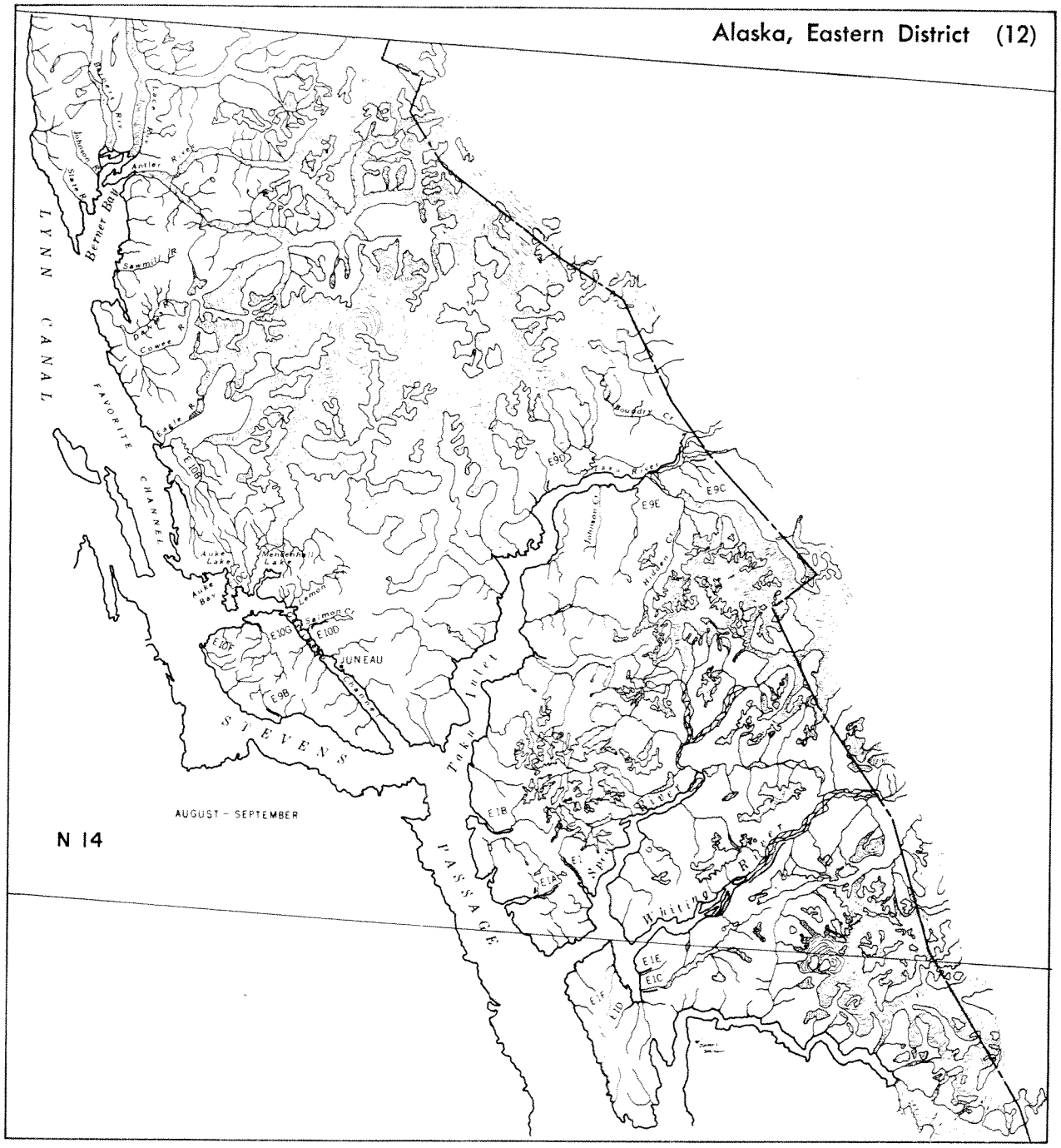

FIGURE 44. Spawning grounds of pink salmon in Southeastern Alaska (Eastern).

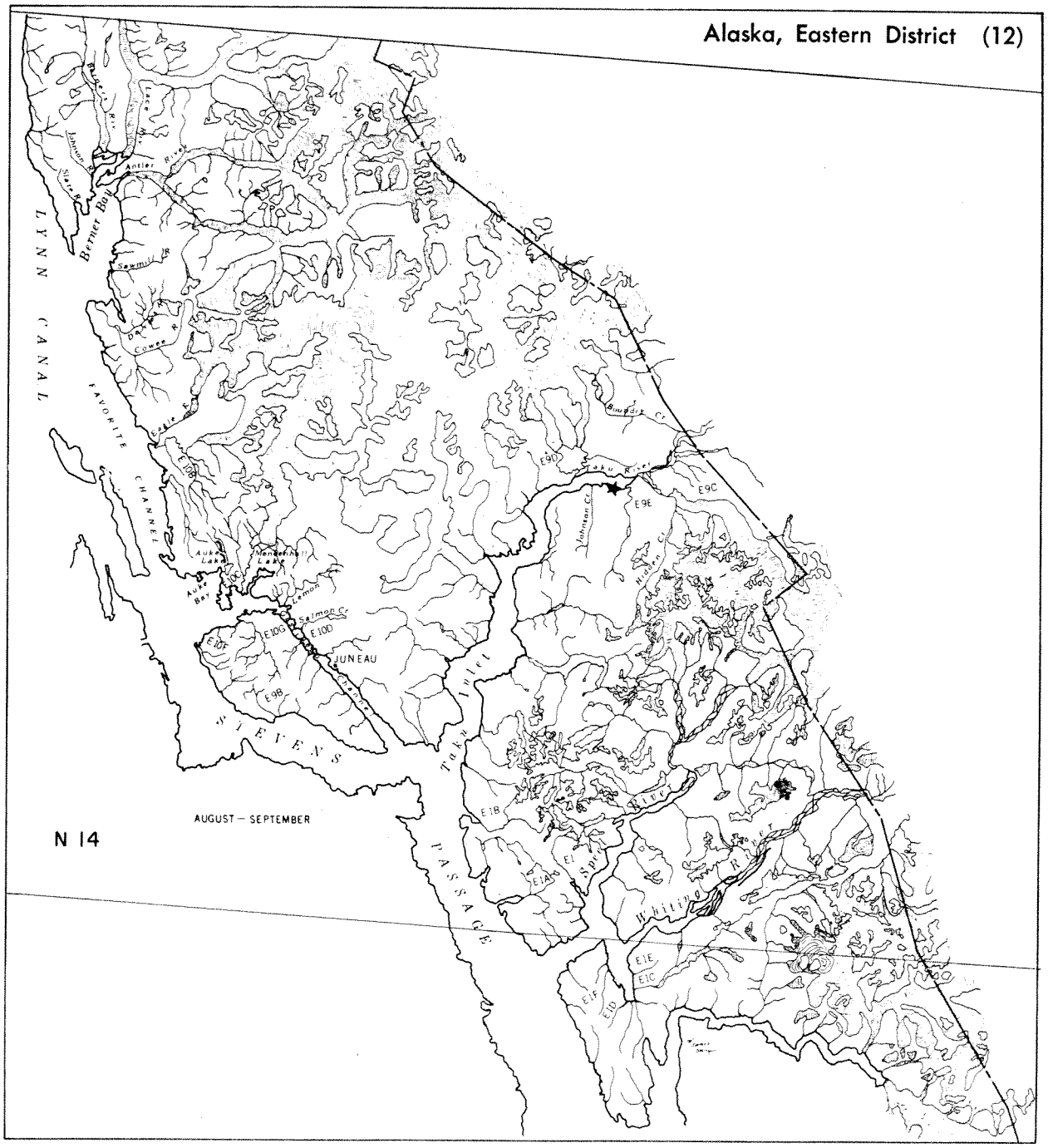

FIGURE 45. Spawning grounds of sockeye salmon in Southeastern Alaska (Eastern).

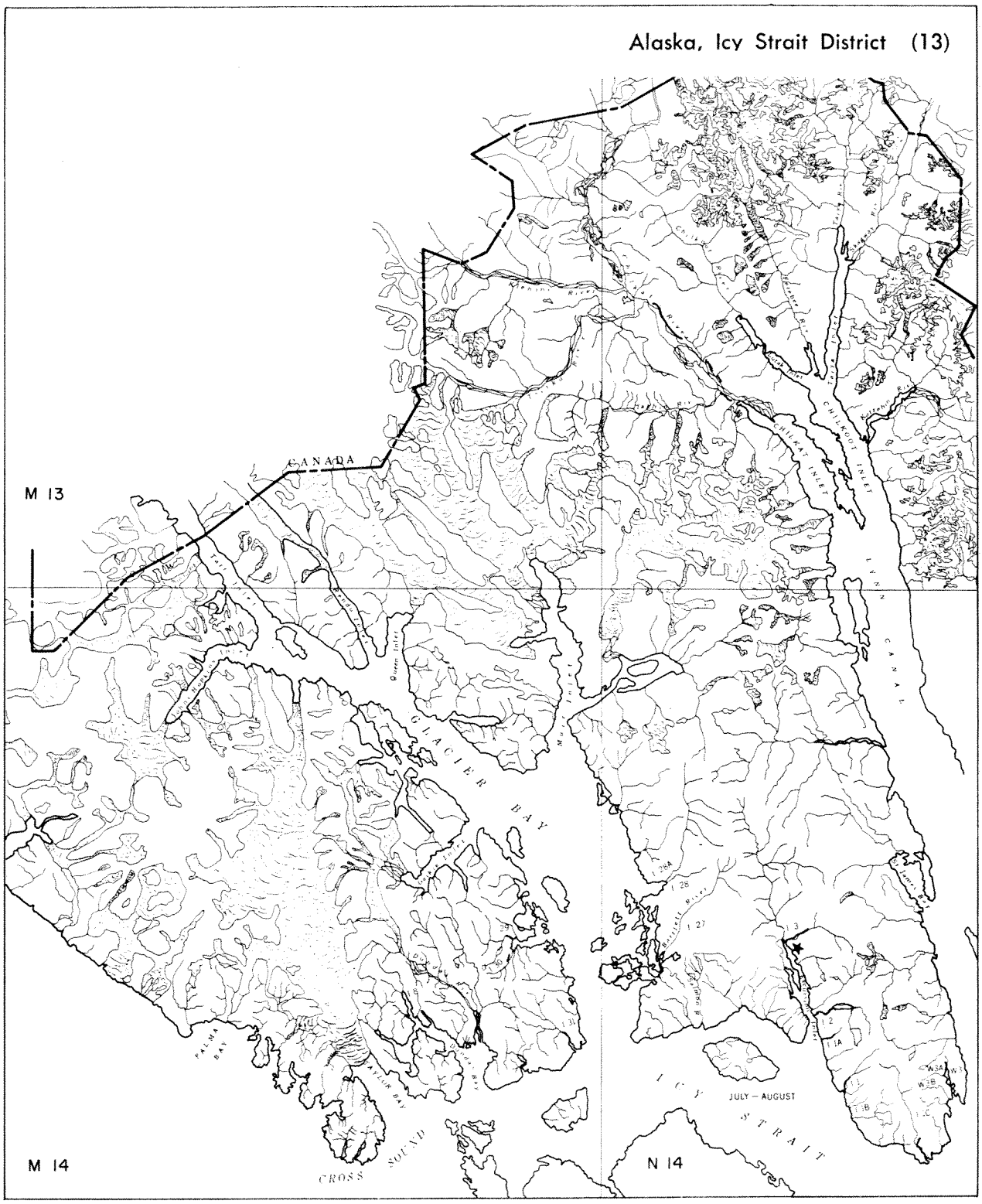

FIGURE 46. Spawning grounds of chum salmon in Southeastern Alaska (Icy Strait).

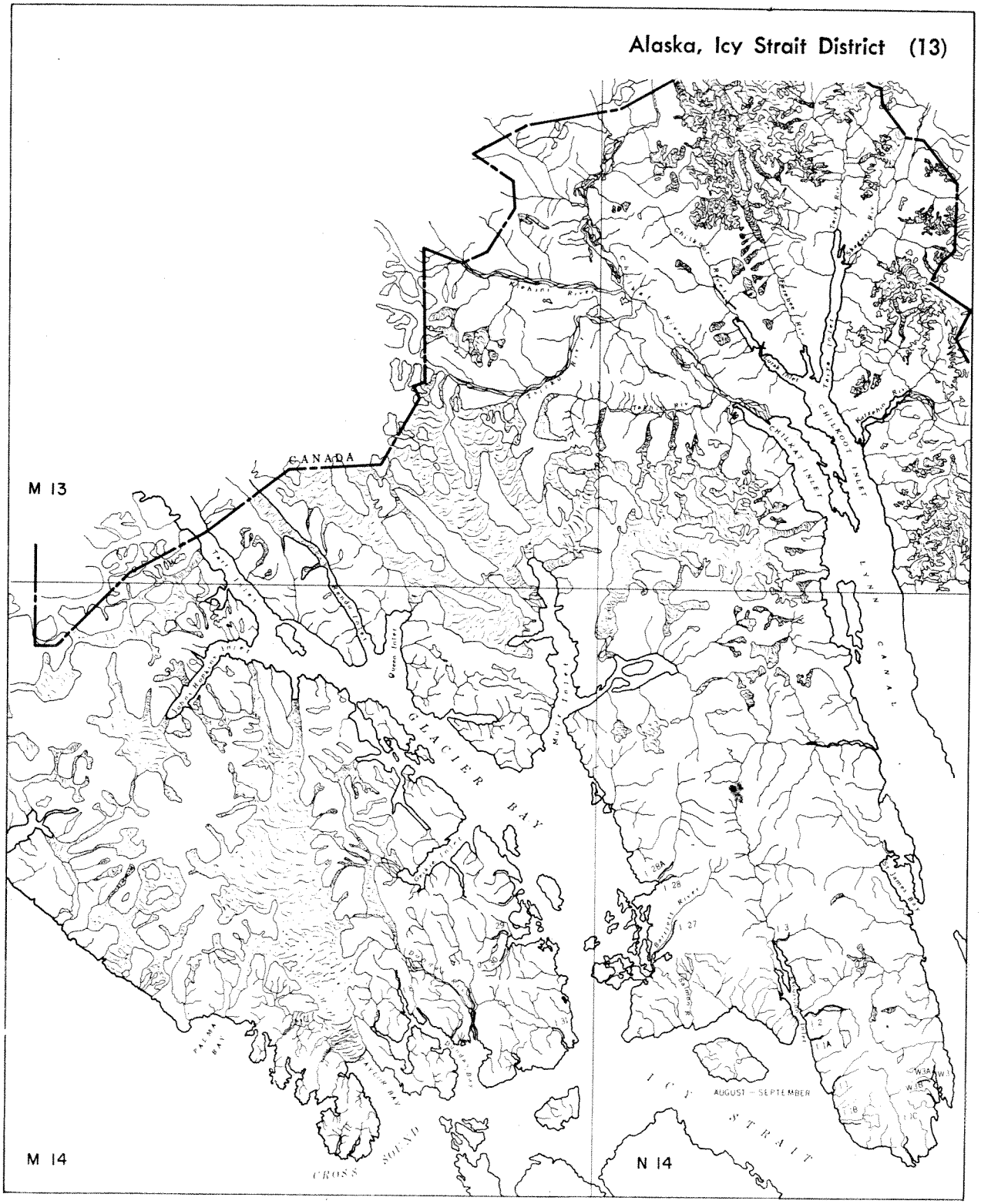

FIGURE 47. Spawning grounds of pink salmon in Southeastern Alaska (Icy Strait).

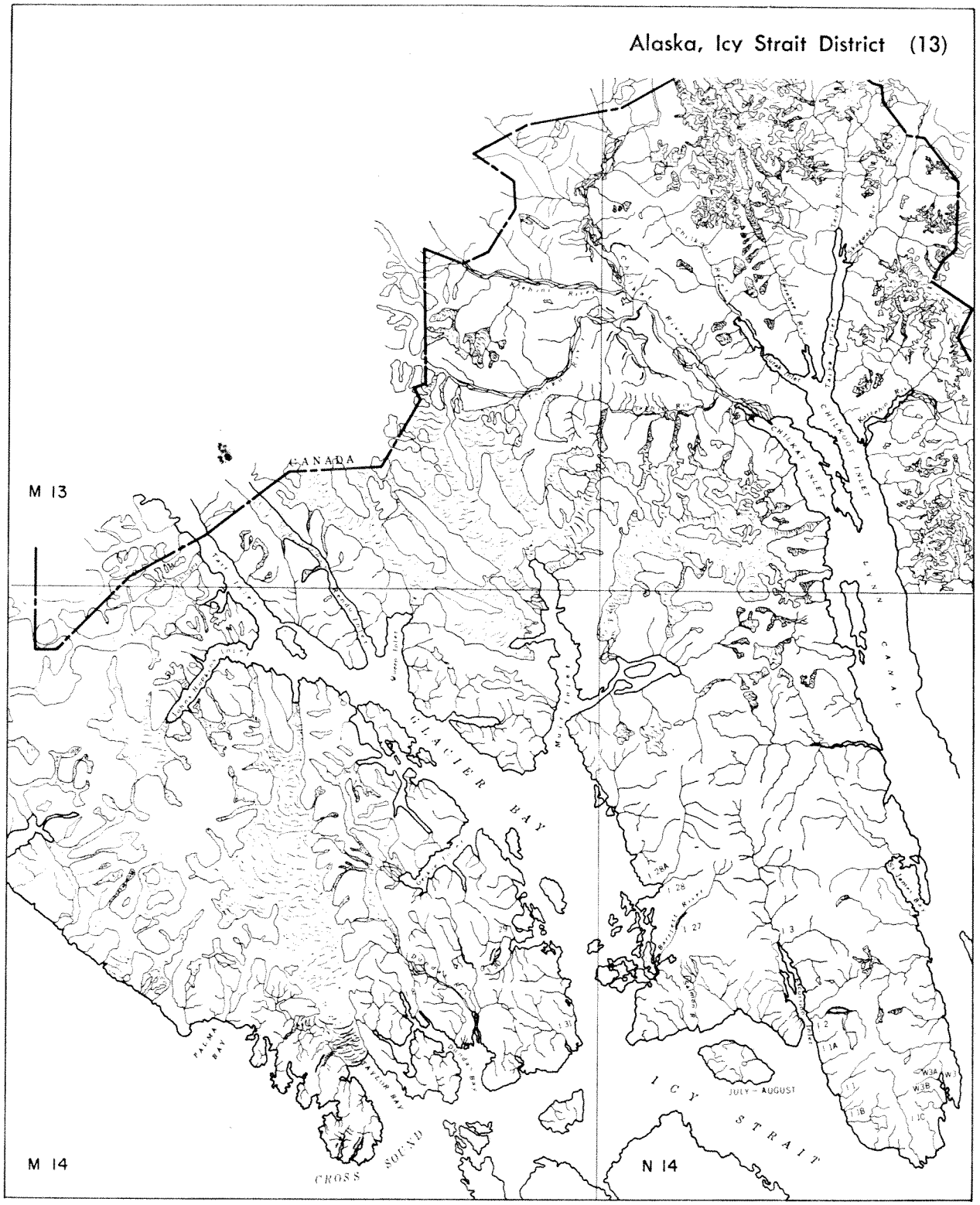

FIGURE 48. Spawning grounds of sockeye salmon in Southeastern Alaska (Icy Strait).

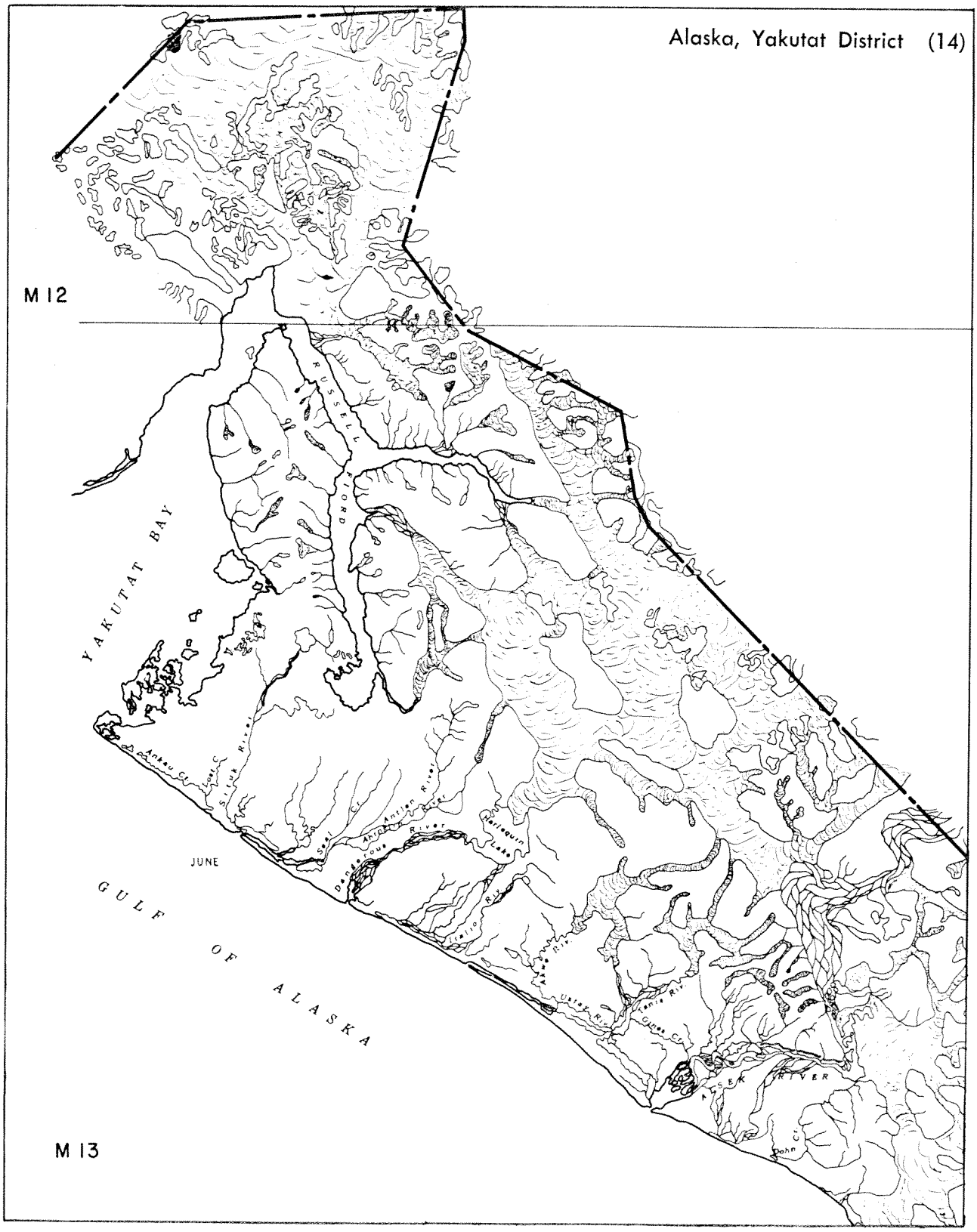

FIGURE 49. Spawning grounds of chinook salmon in Southeastern Alaska (Yakutat).

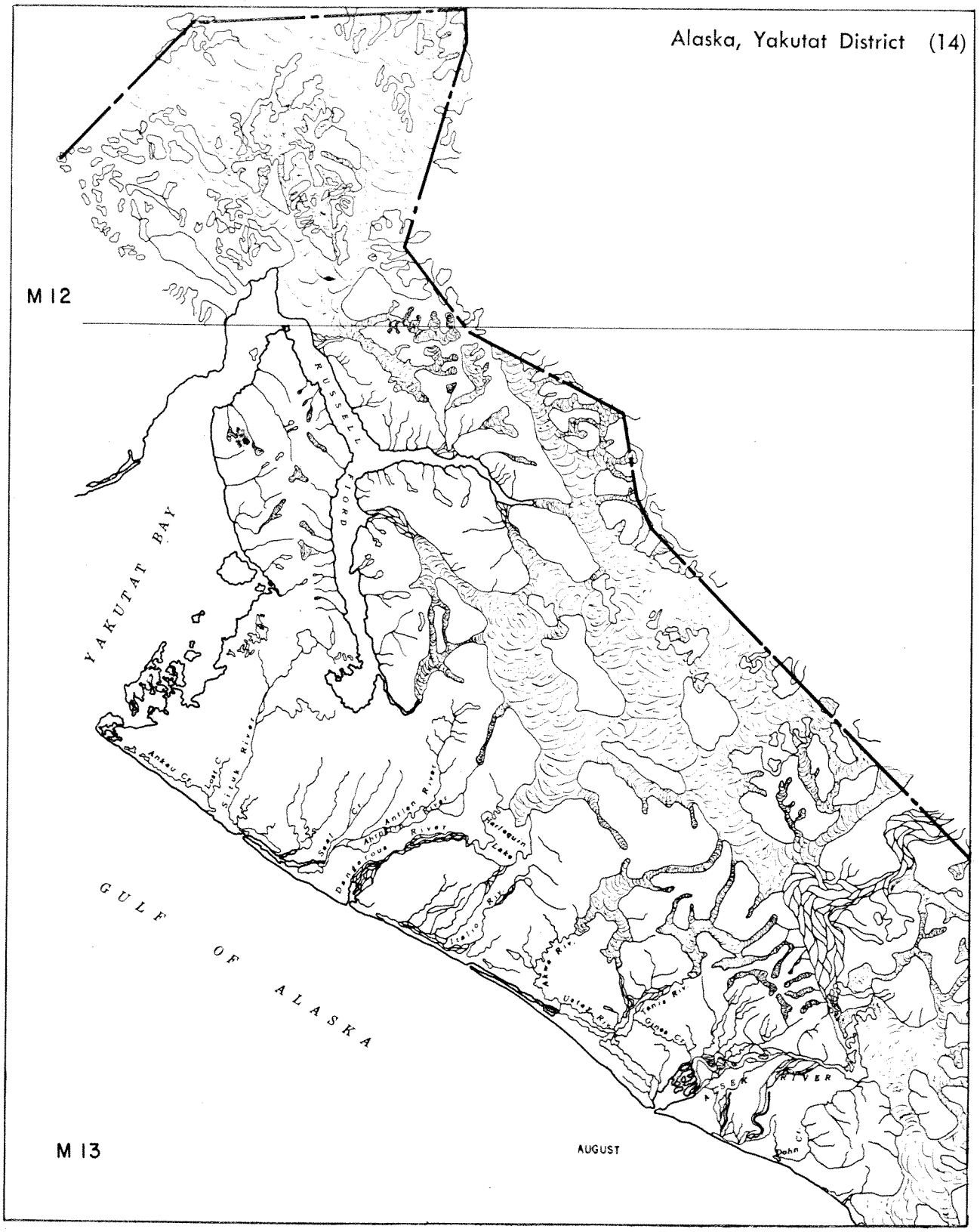

FIGURE 50. Spawning grounds of chum salmon in Southeastern Alaska (Yakutat).

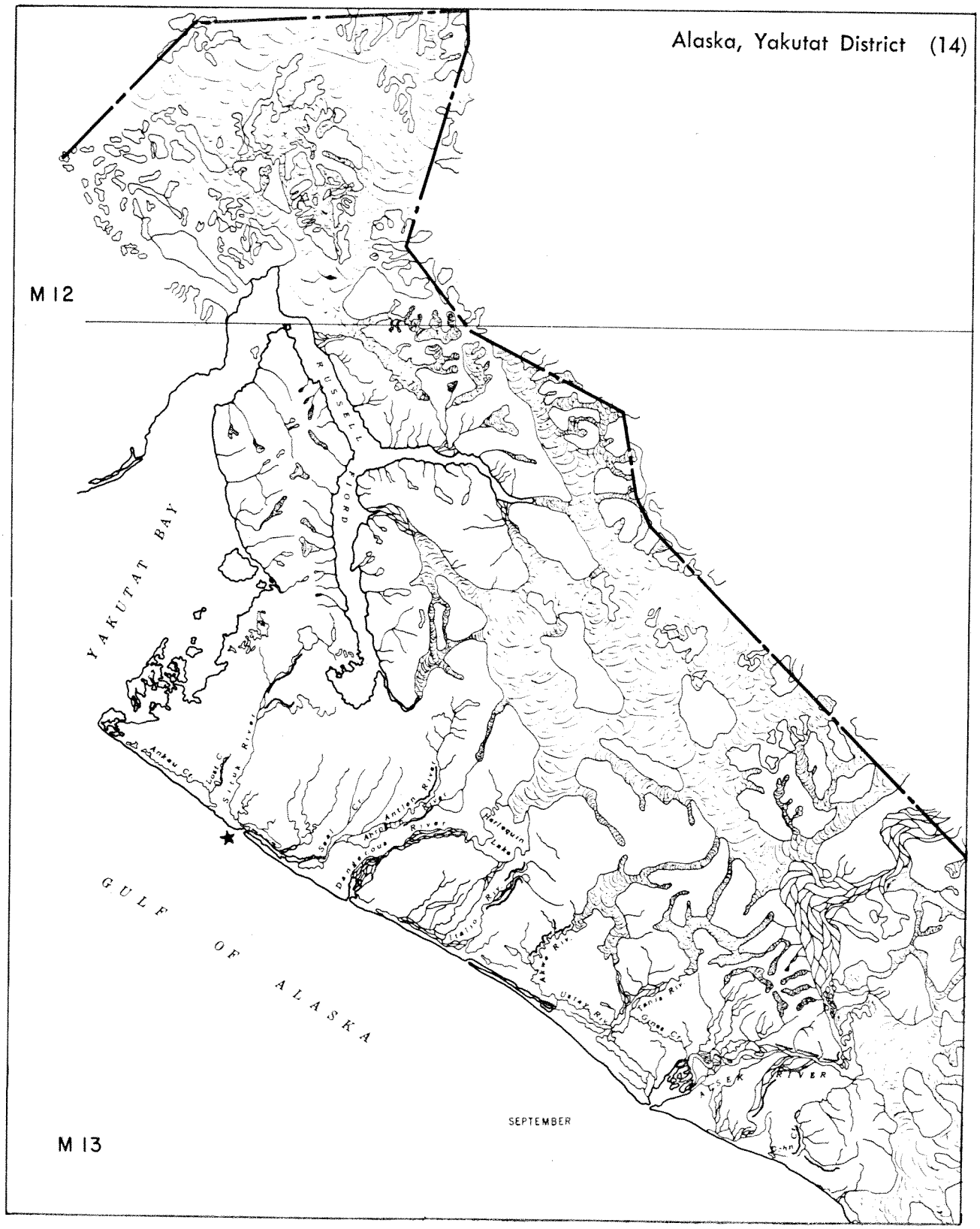

FIGURE 51. Spawning grounds of coho salmon in Southeastern Alaska (Yakutat).

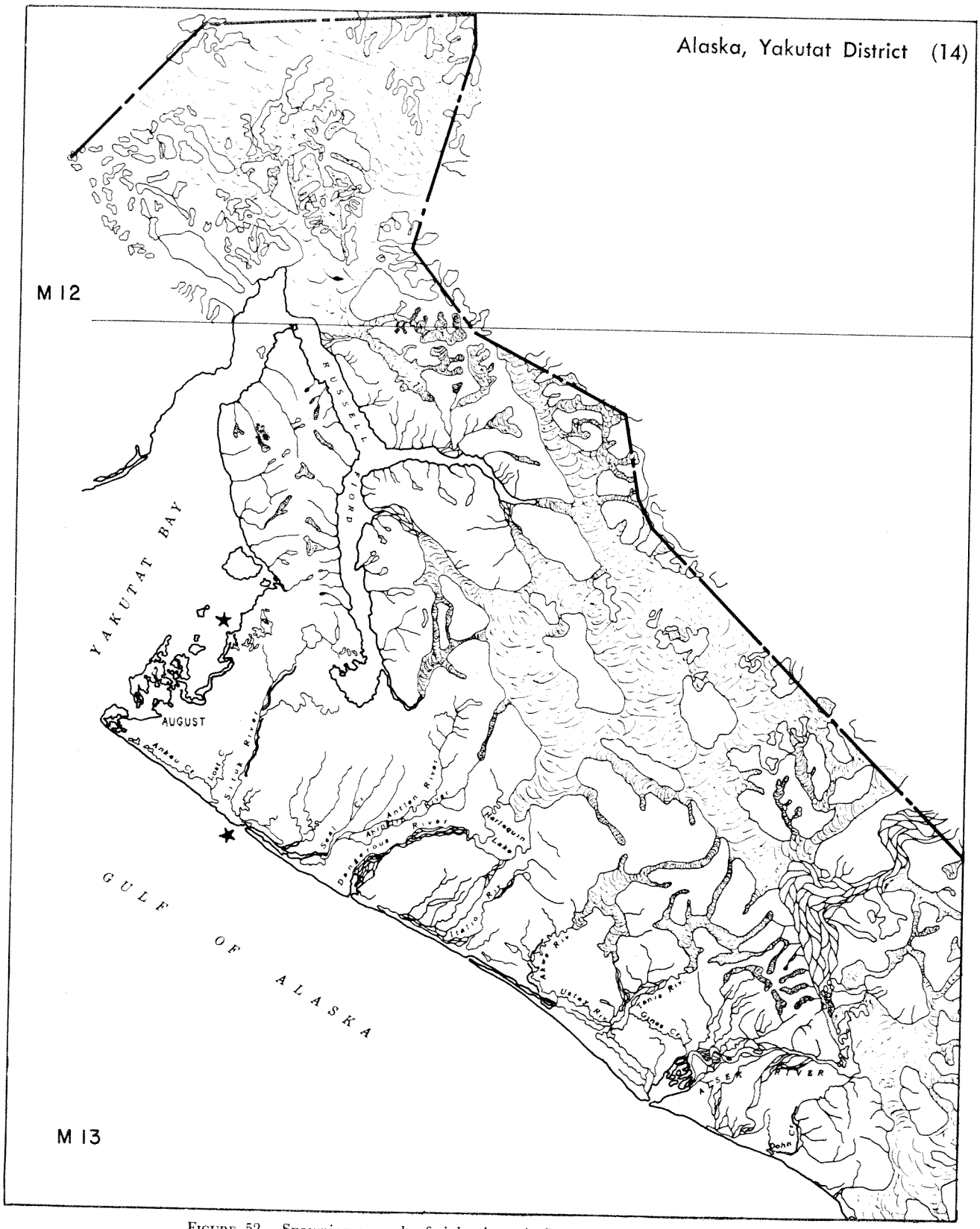

FIGURE 52. Spawning grounds of pink salmon in Southeastern Alaska (Yakutat).

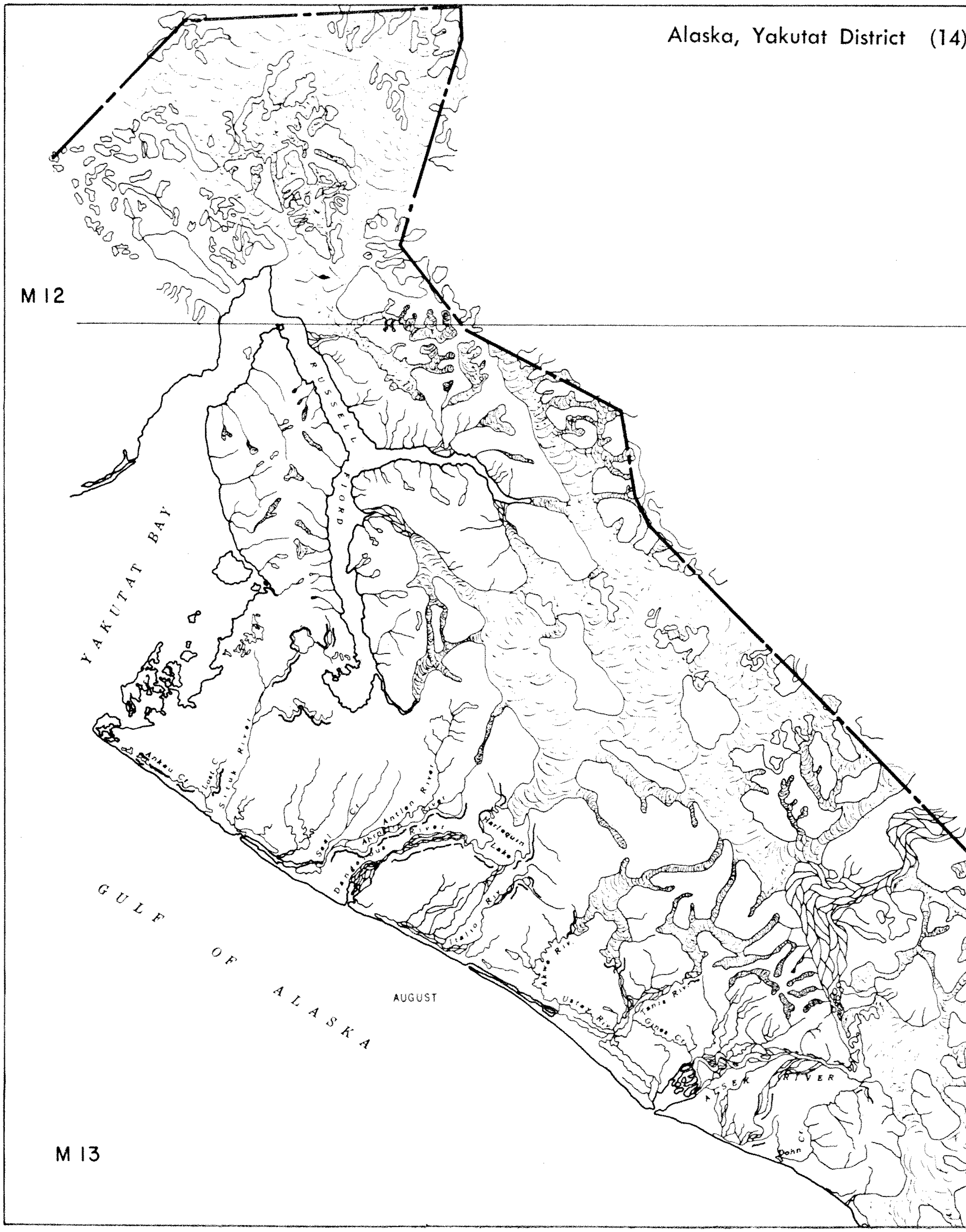

FIGURE 53. Spawning grounds of sockeye salmon in Southeastern Alaska (Yakutat).

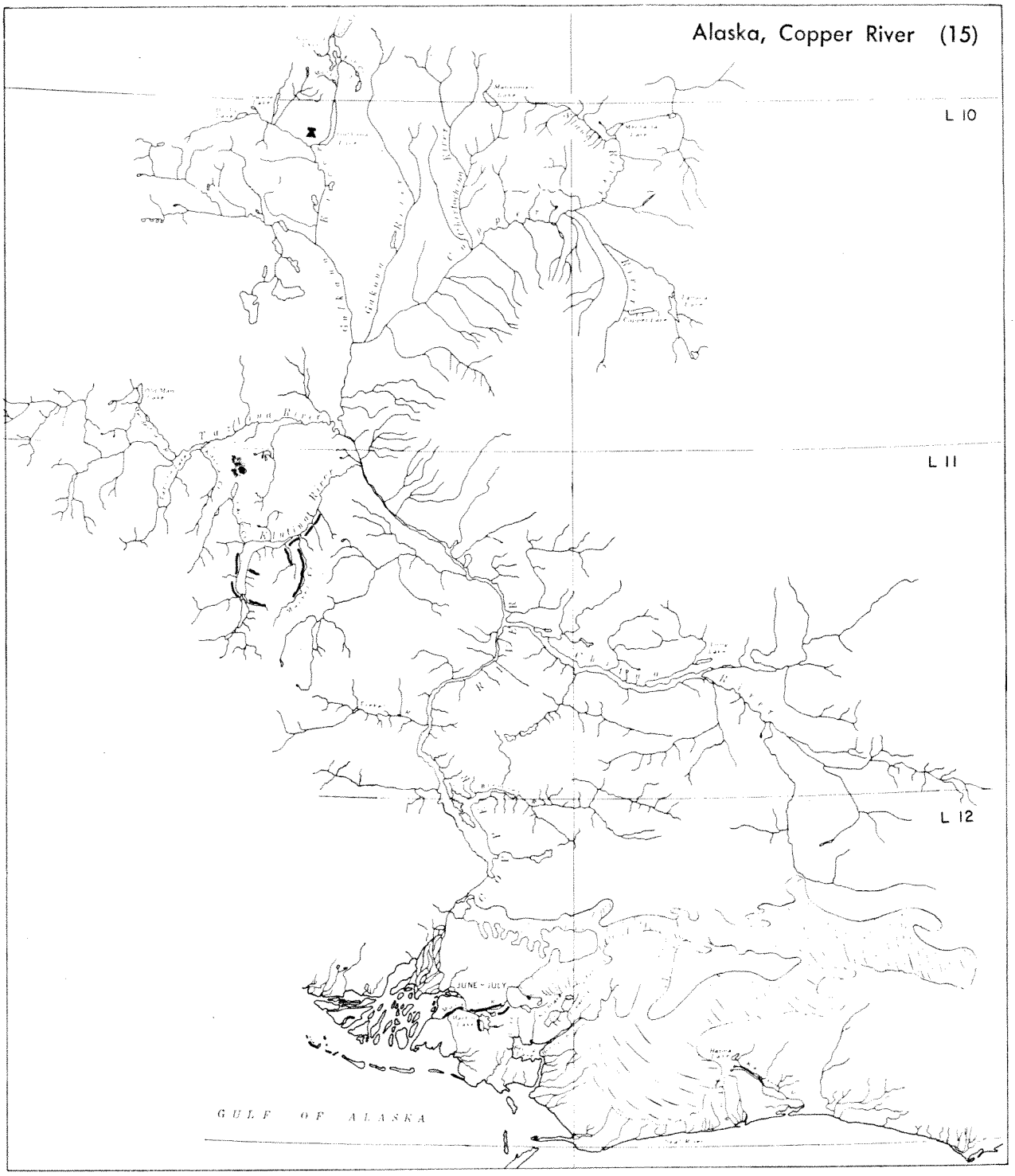

FIGURE 54. Spawning grounds of coho salmon in Central Alaska (Copper River).

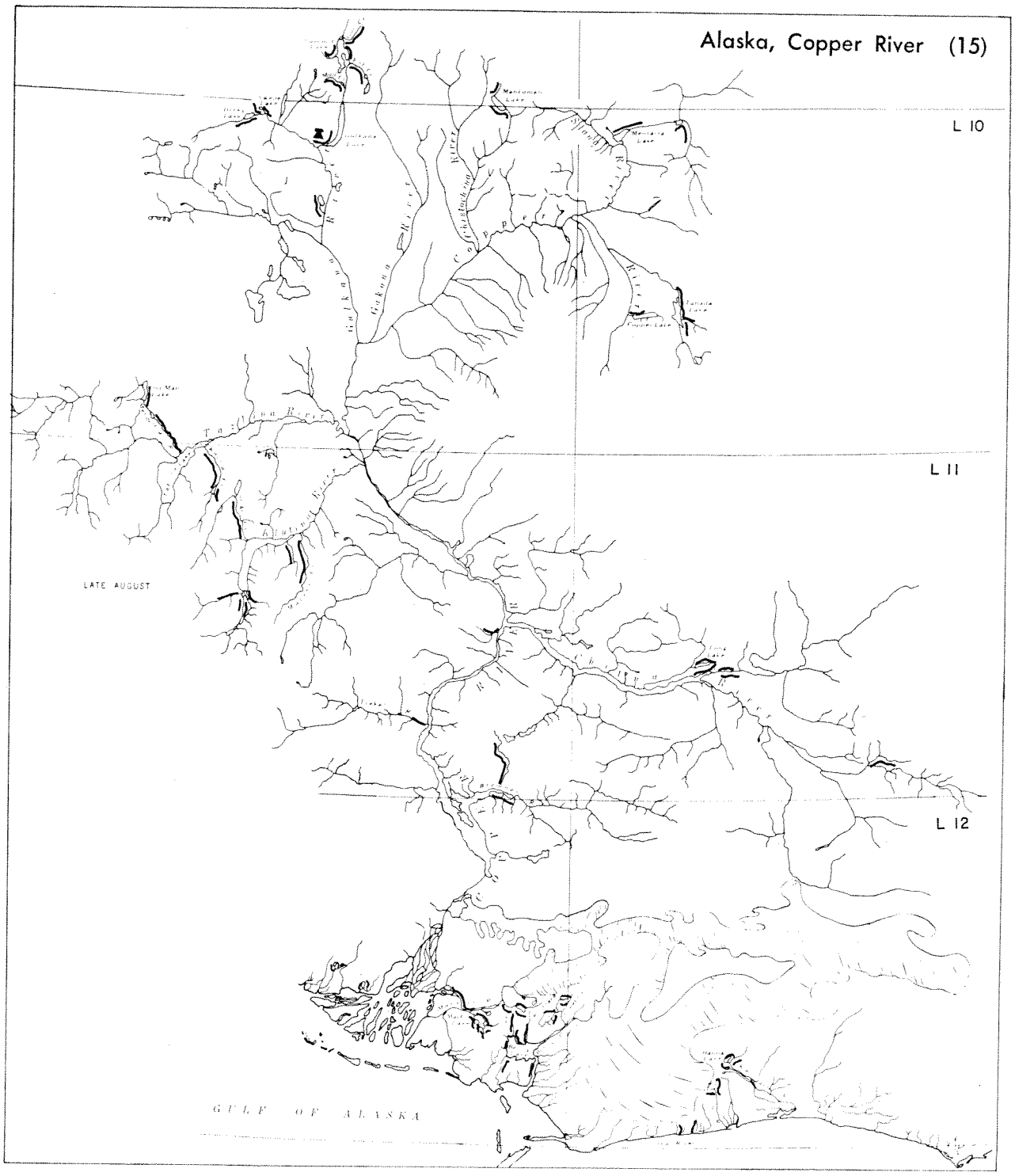

FIGURE 55. Spawning grounds of sockeye salmon in Central Alaska (Copper River).

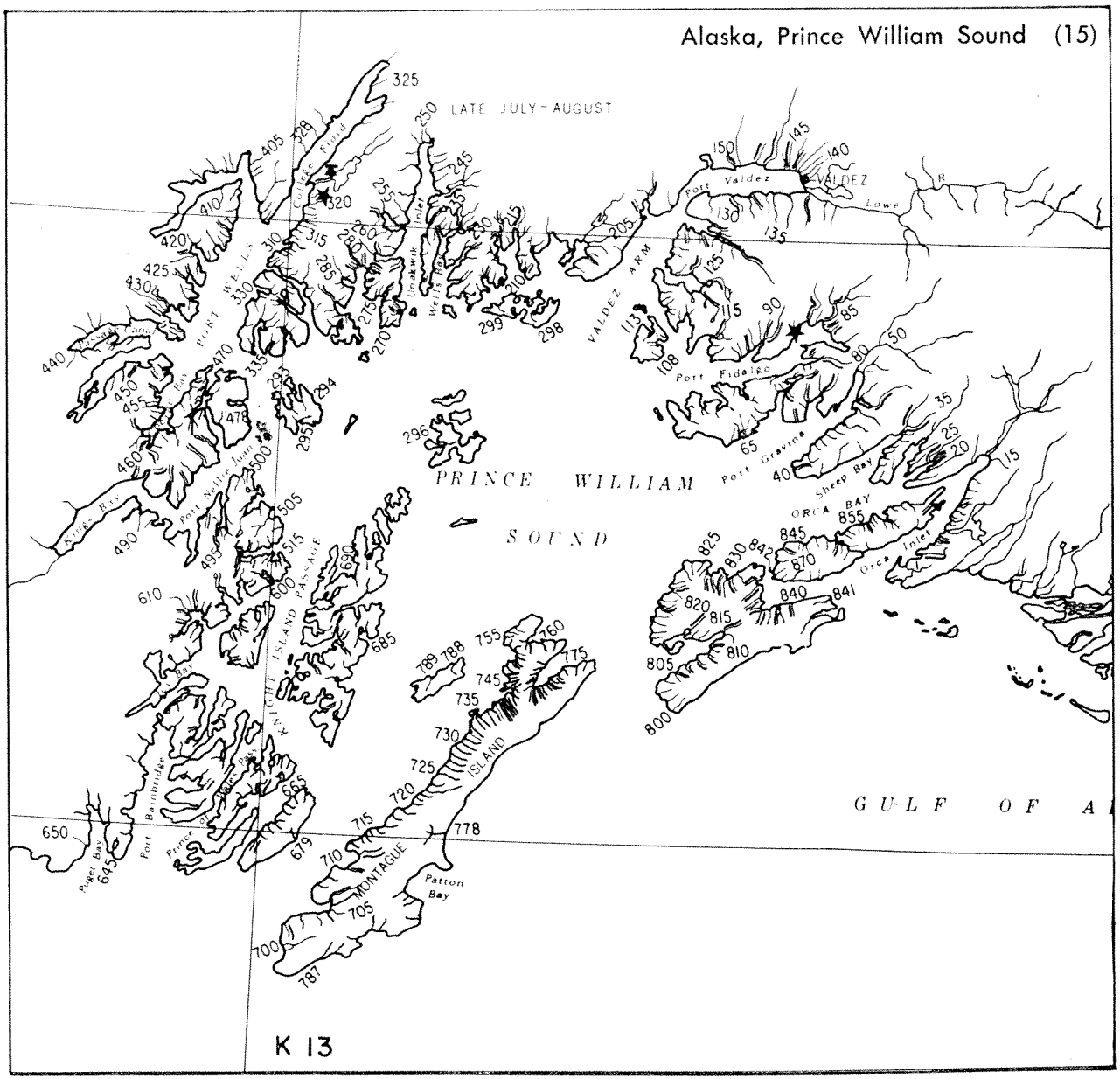

FIGURE 56. Spawning grounds of chum salmon in Central Alaska (Prince William Sound).

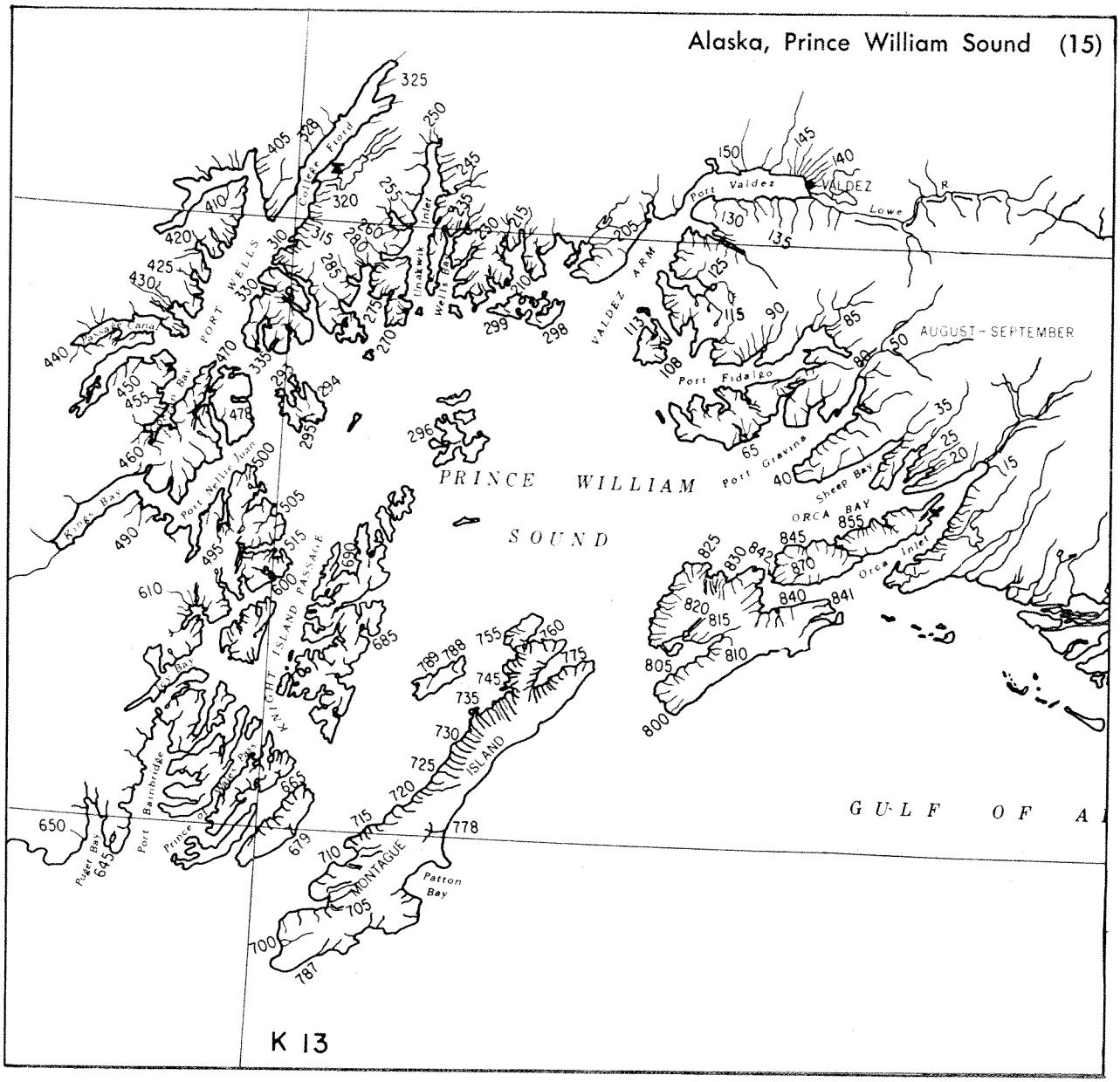

FIGURE 57. Spawning grounds of coho salmon in Central Alaska (Prince William Sound).

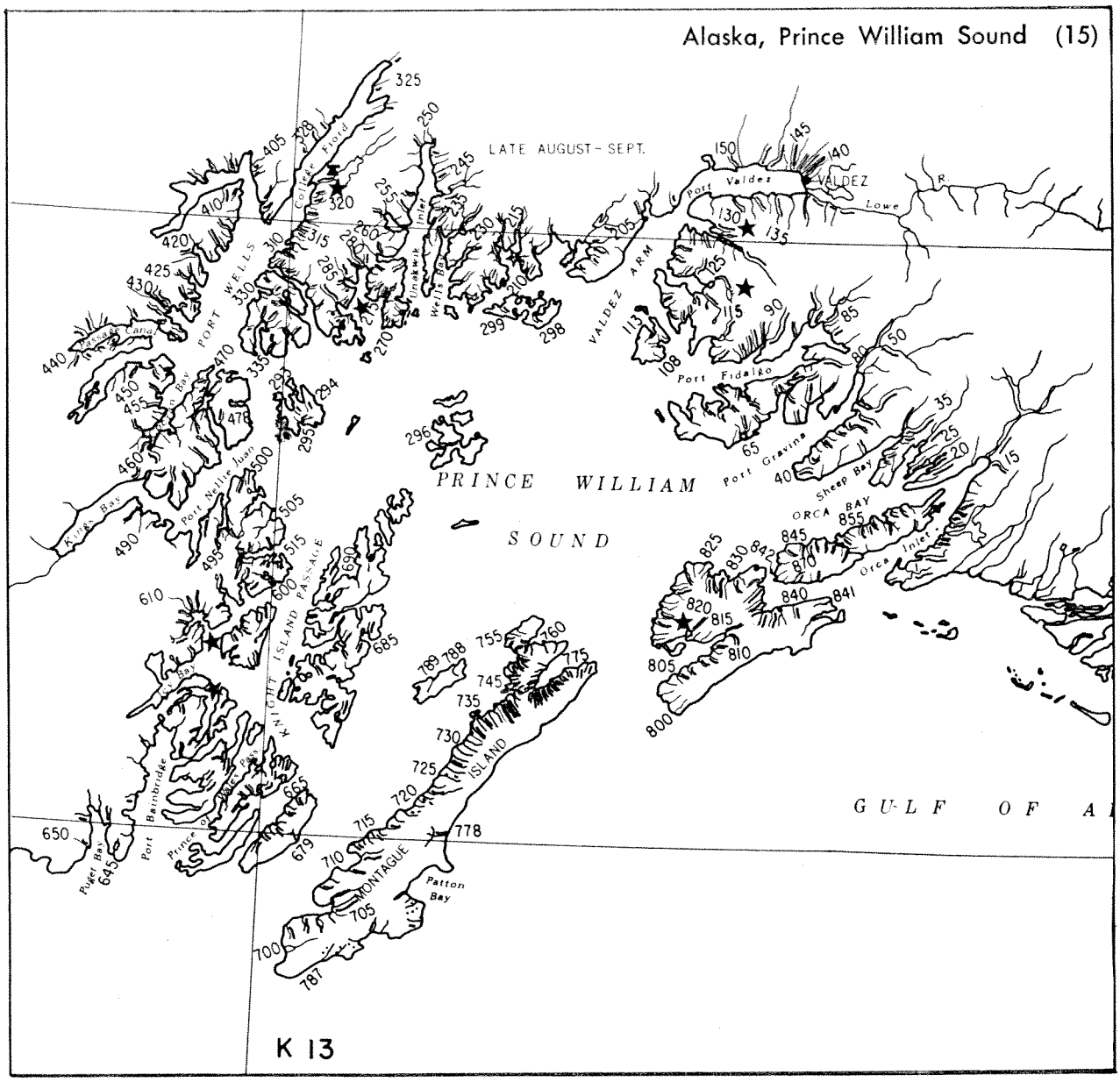

FIGURE 58. Spawning grounds of pink salmon in Central Alaska (Prince William Sound).

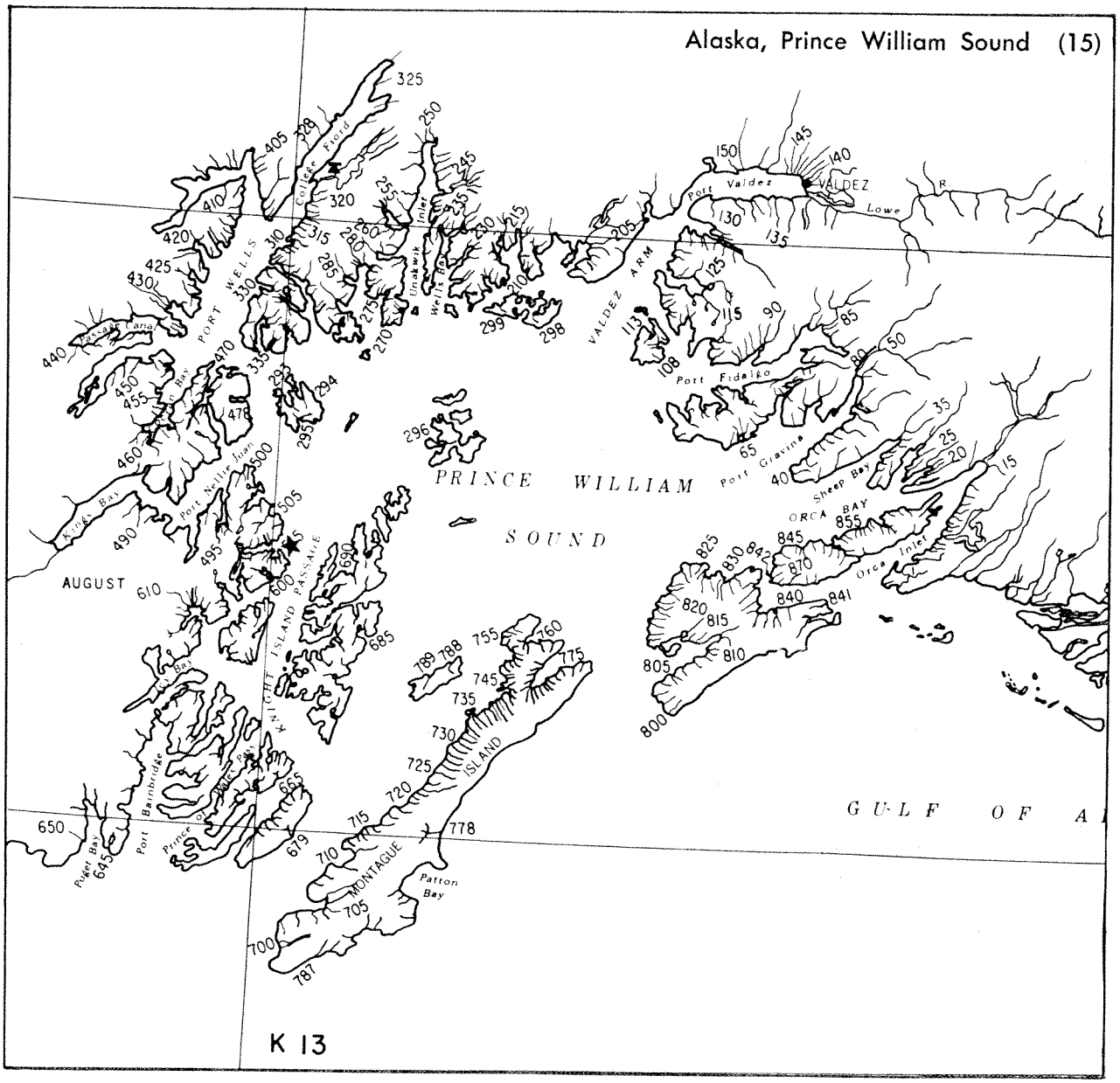

FIGURE 59. Spawning grounds of sockeye salmon in Central Alaska (Prince William Sound).

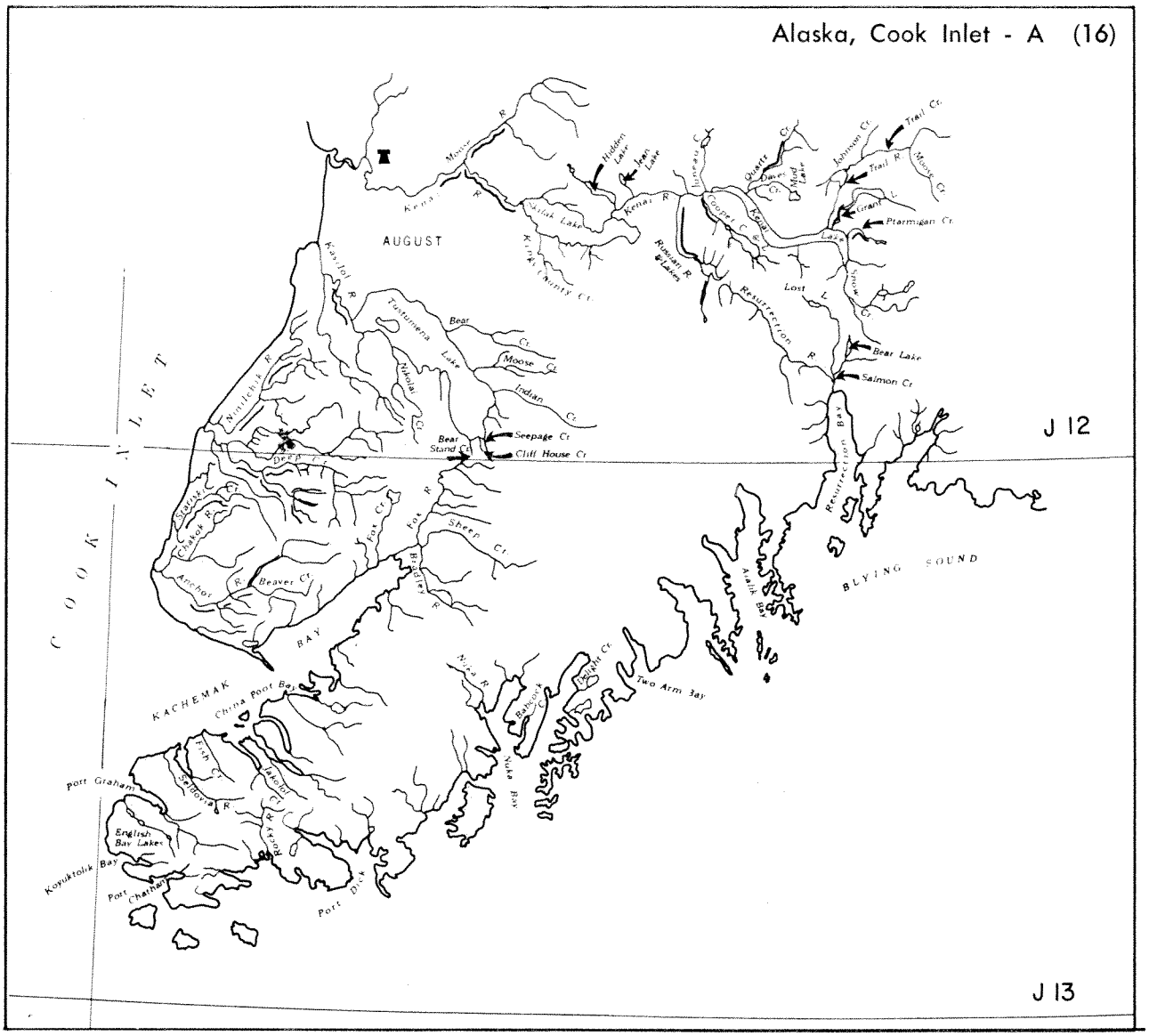

FIGURE 60. Spawning grounds of chinook salmon in Central Alaska (Cook Inlet-A).

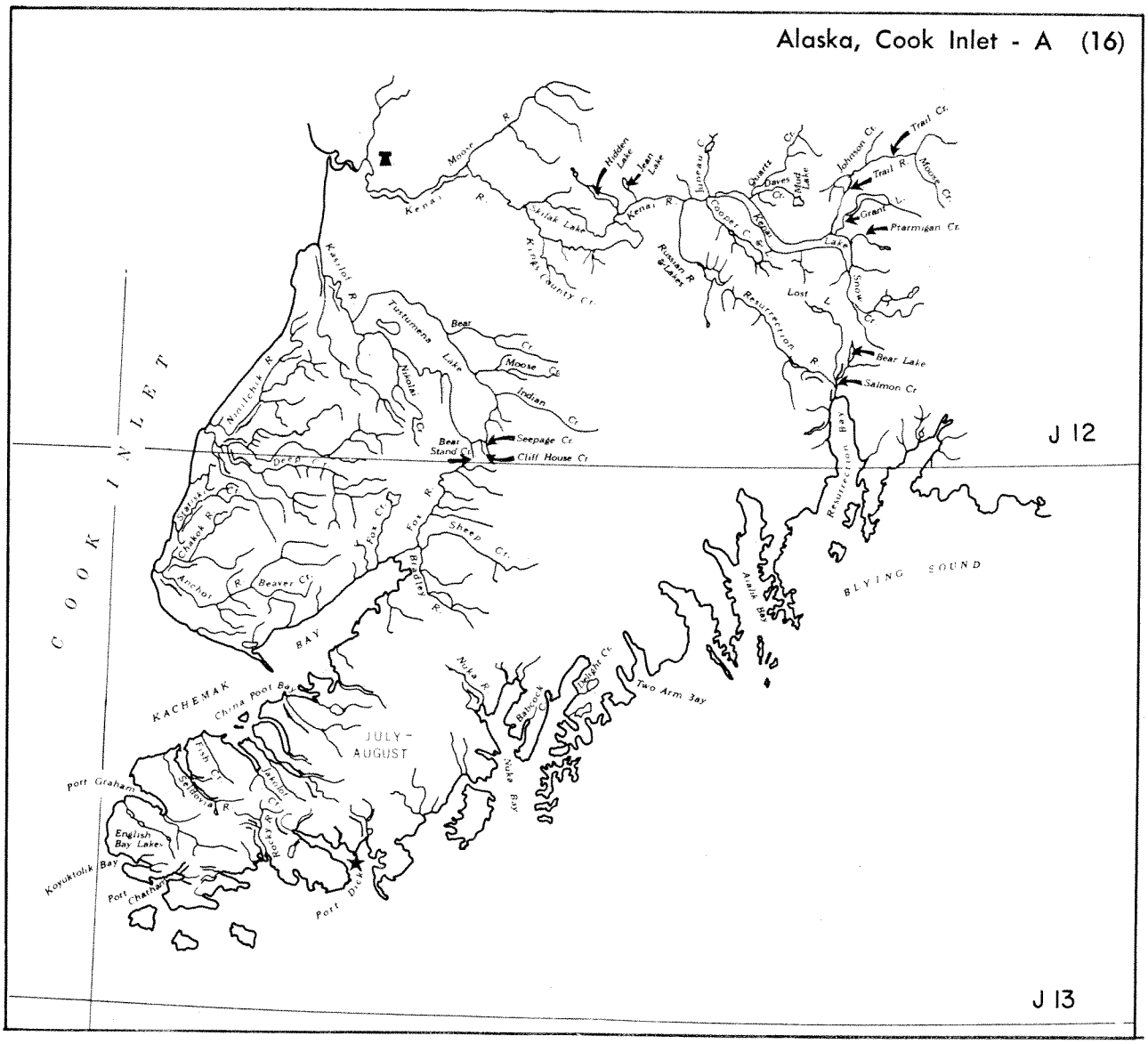

FIGURE 61. Spawning grounds of chum salmon in Central Alaska (Cook Inlet-A).

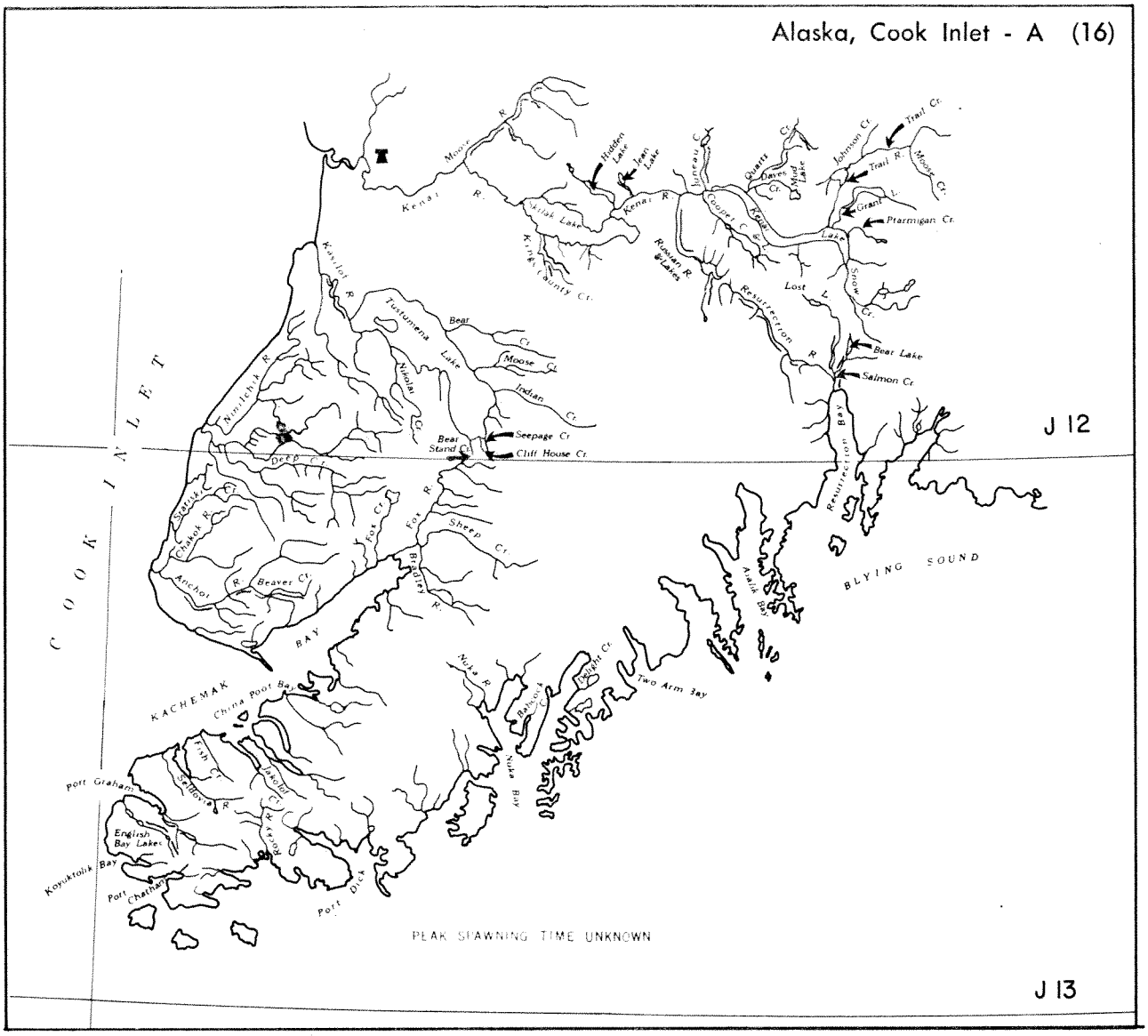

FIGURE 62. Spawning grounds of coho salmon in Central Alaska (Cook Inlet-A).

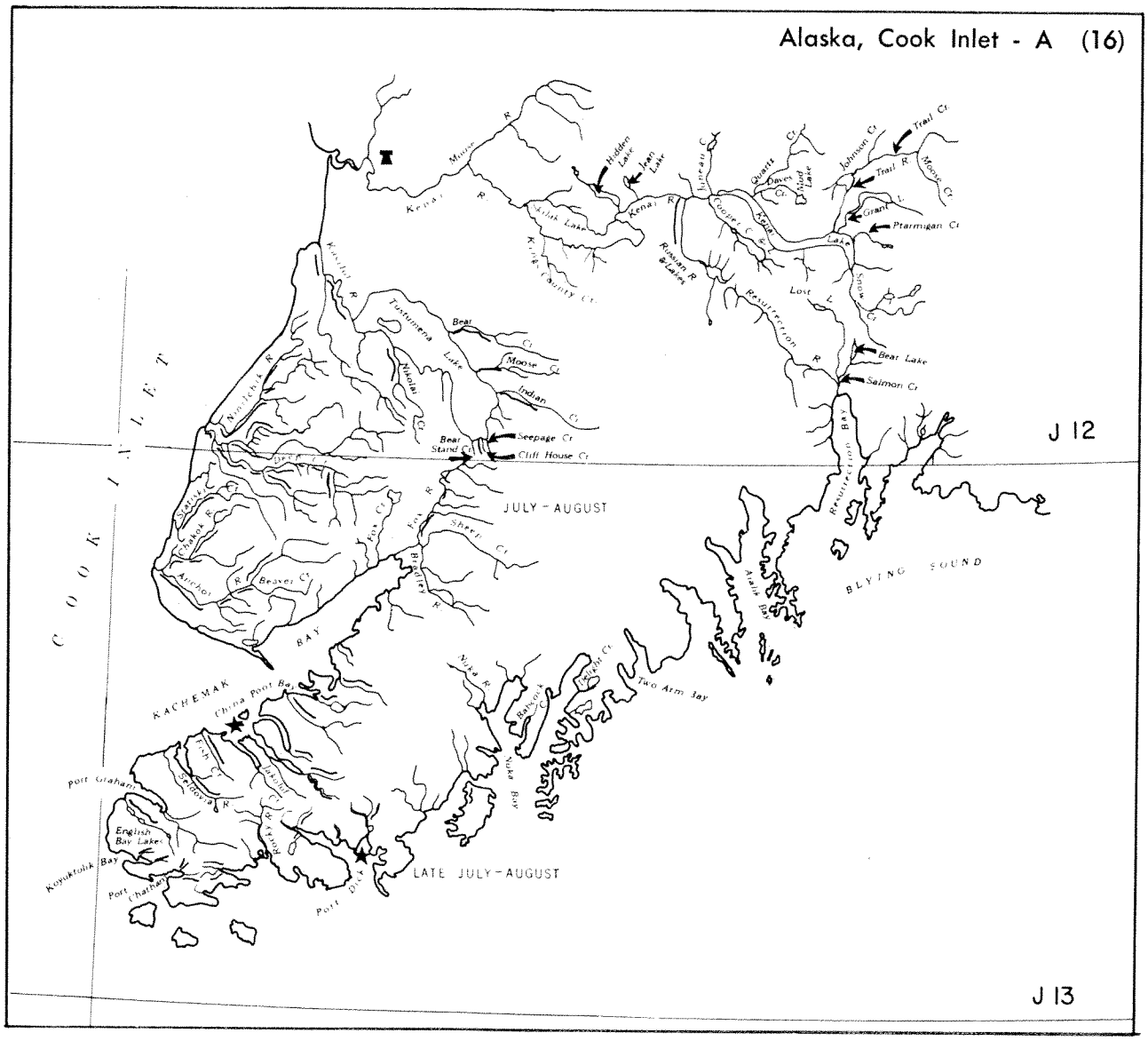

FIGURE 63. Spawning grounds of pink salmon in Central Alaska (Cook Inlet-A).

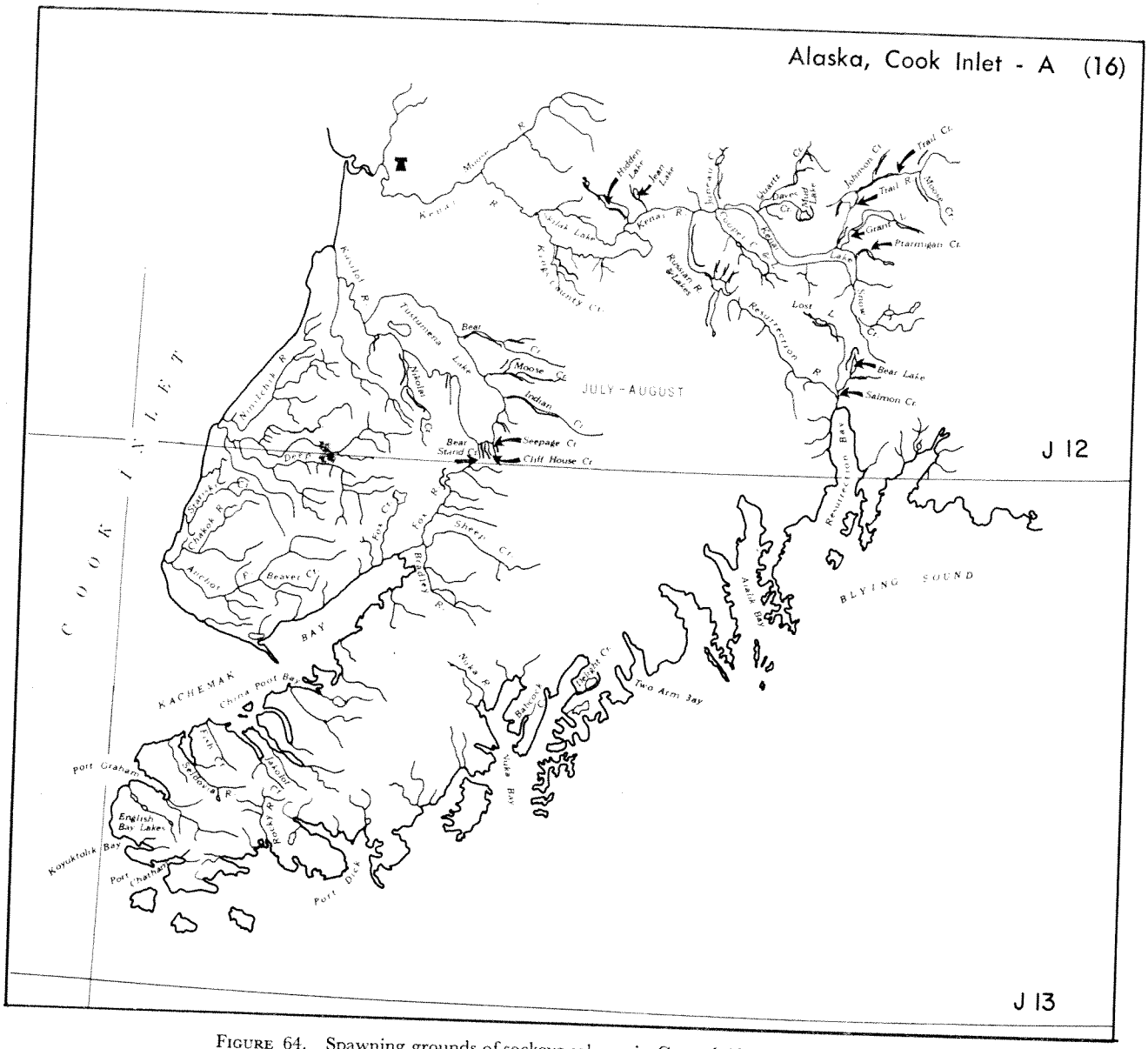

FIGURE 64. Spawning grounds of sockeye salmon in Central Alaska (Cook Inlet-A).

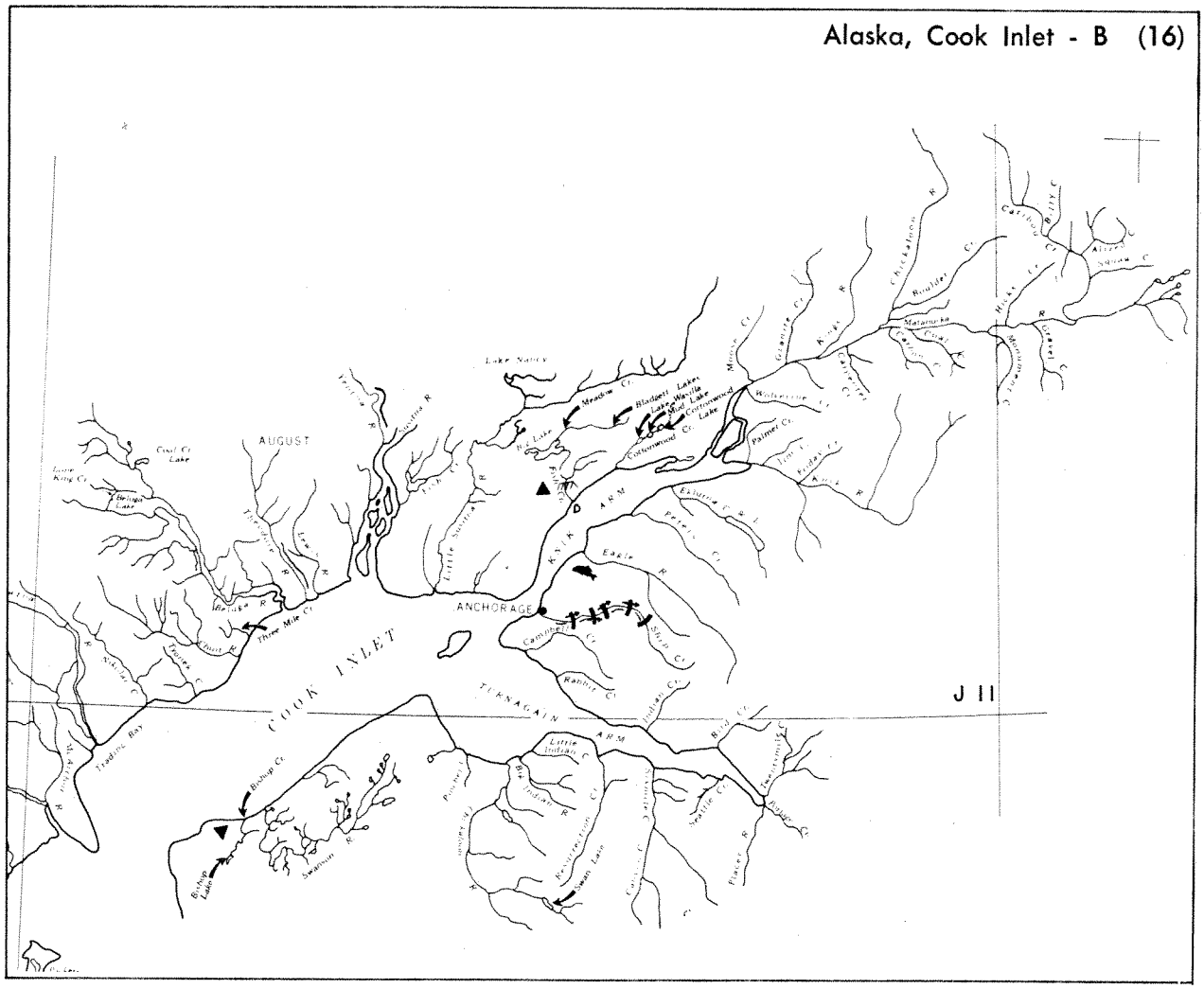

FIGURE 65. Spawning grounds of chinook salmon in Central Alaska (Cook Inlet-B).

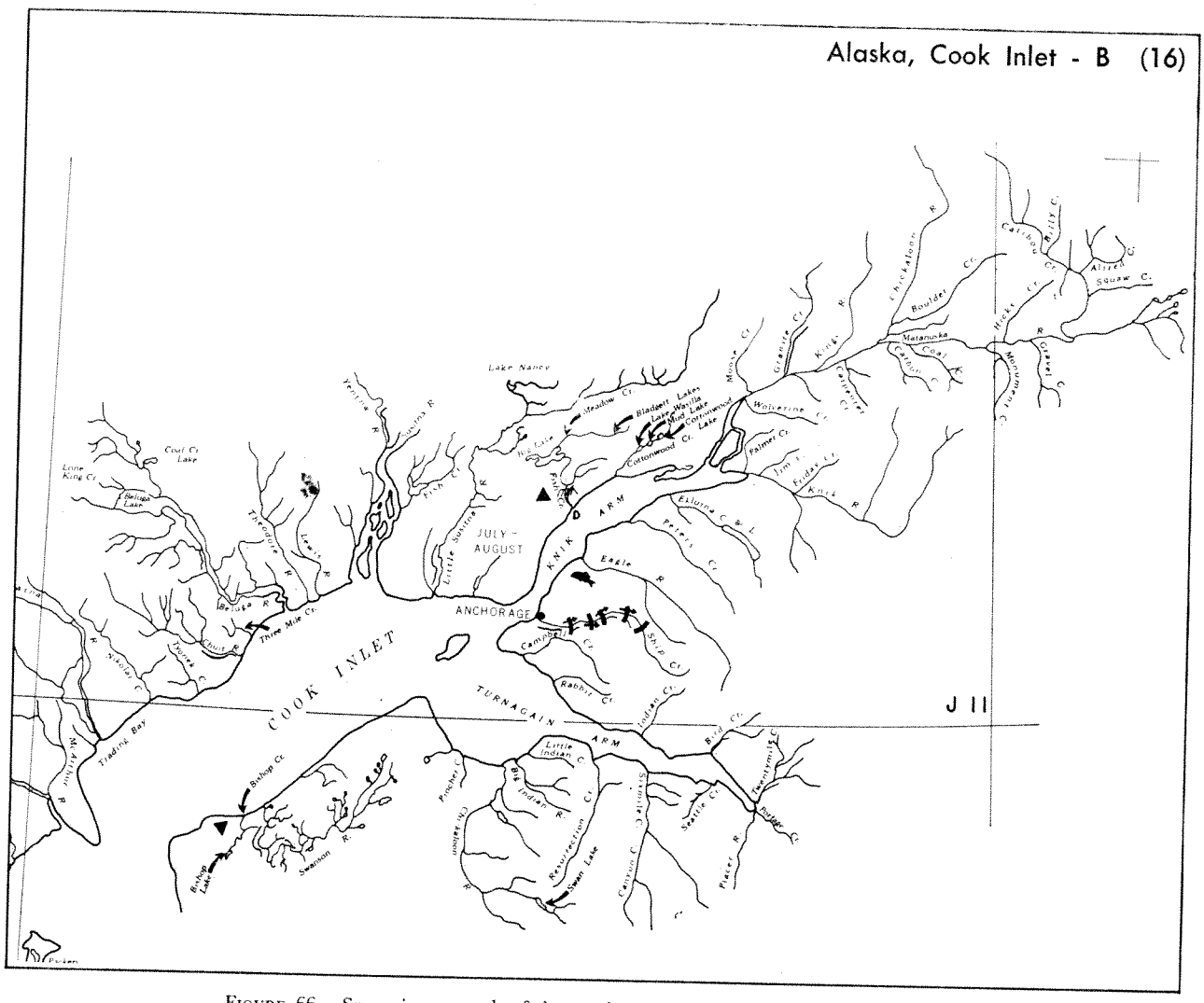

FIGURE 66. Spawning grounds of chum salmon in Central Alaska (Cook Inlet-B).

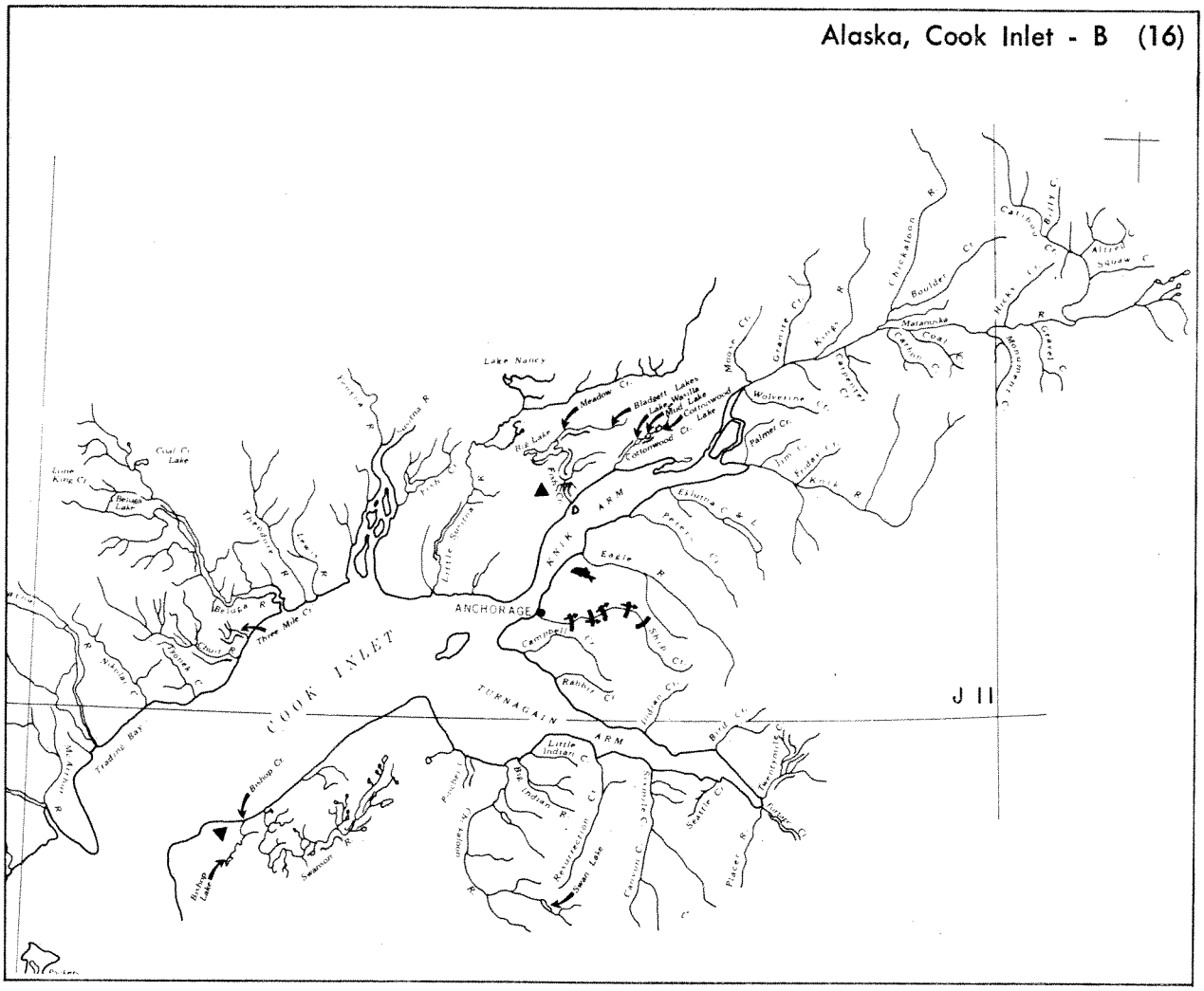

FIGURE 67. Spawning grounds of coho salmon in Central Alaska (Cook Inlet-B).

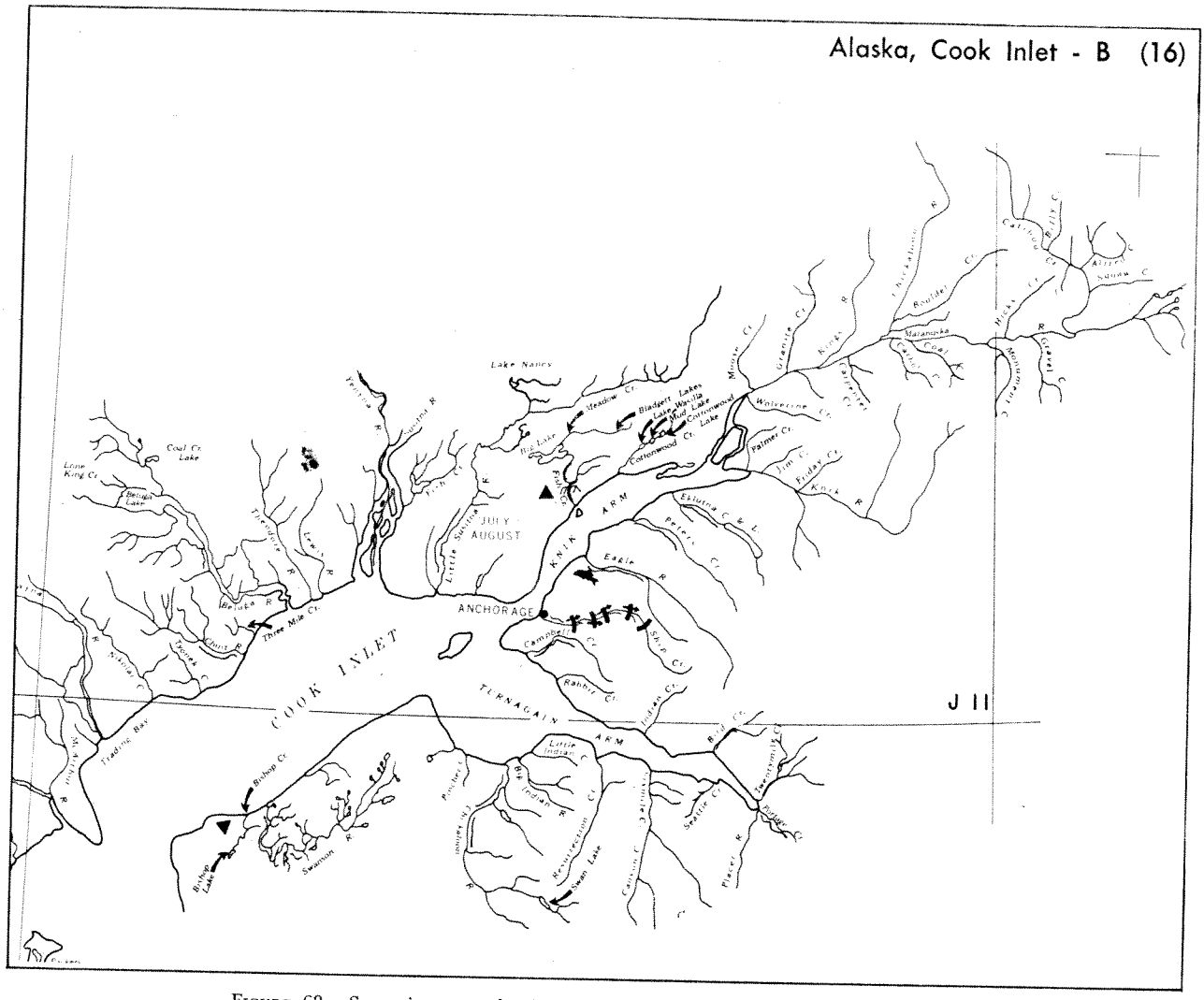

FIGURE 68. Spawning grounds of pink salmon in Central Alaska (Cook Inlet-B).

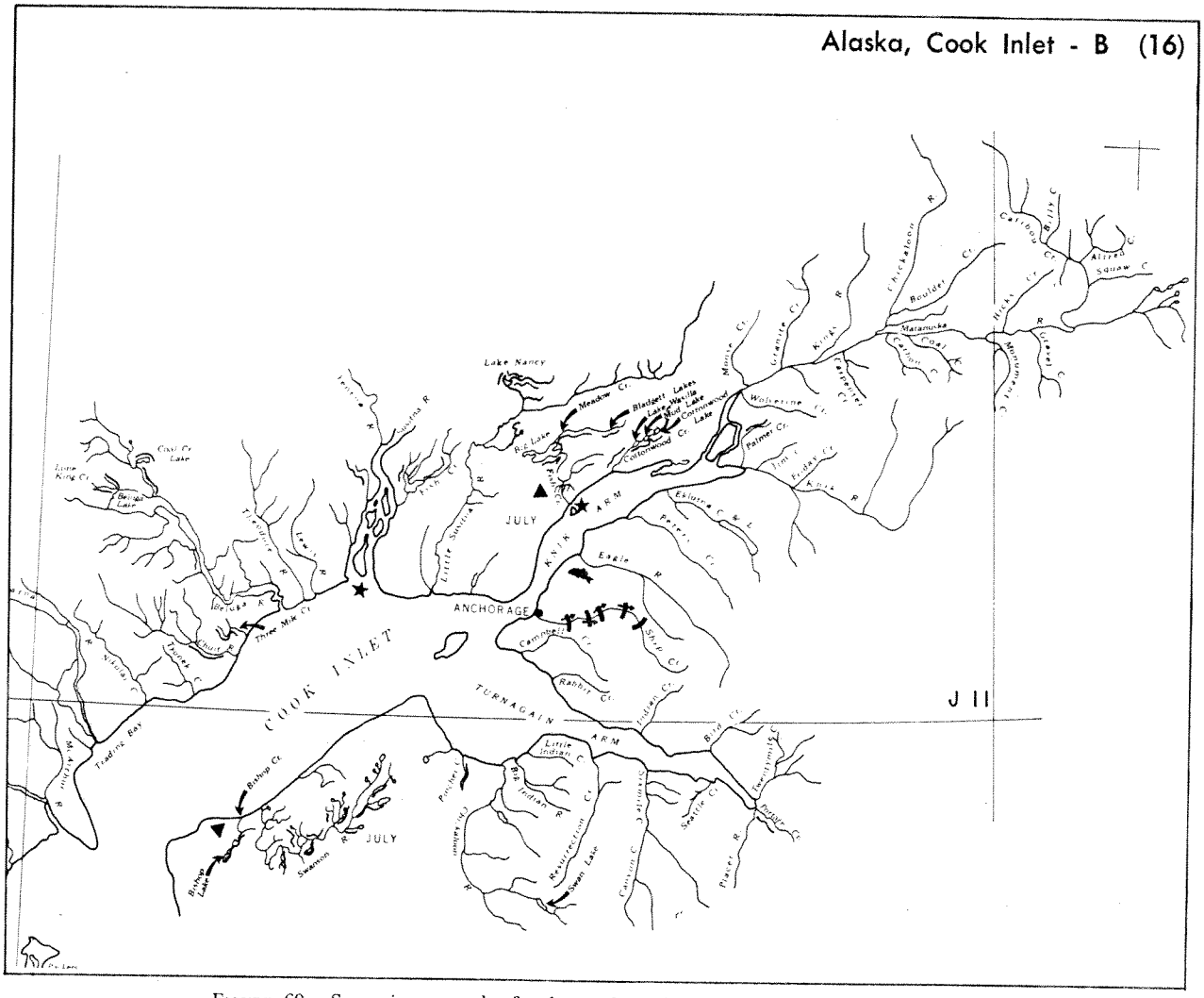

FIGURE 69. Spawning grounds of sockeye salmon in Central Alaska (Cook Inlet-B).

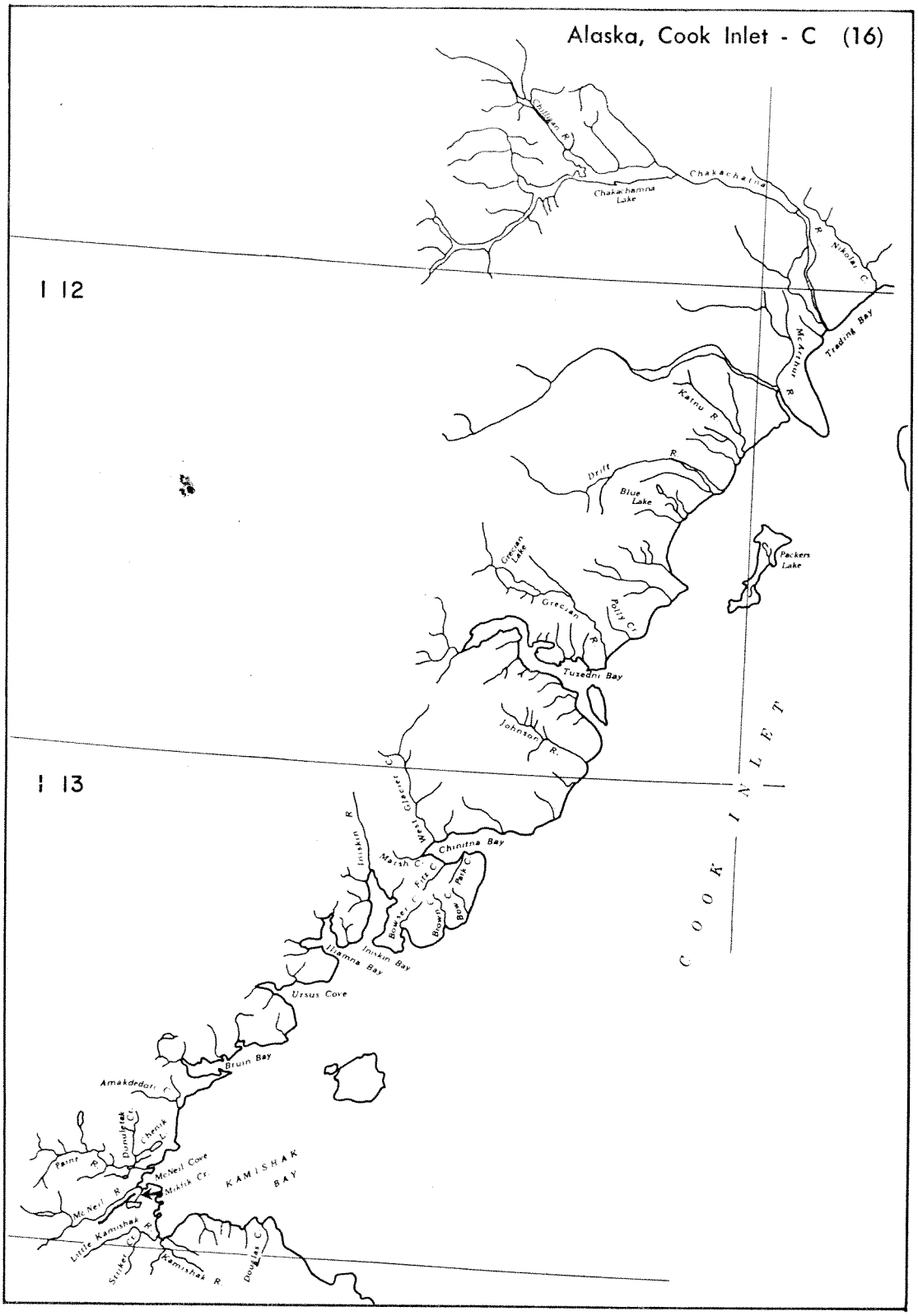

FIGURE 70. Spawning grounds of chinook salmon in Central Alaska (Cook Inlet-C).

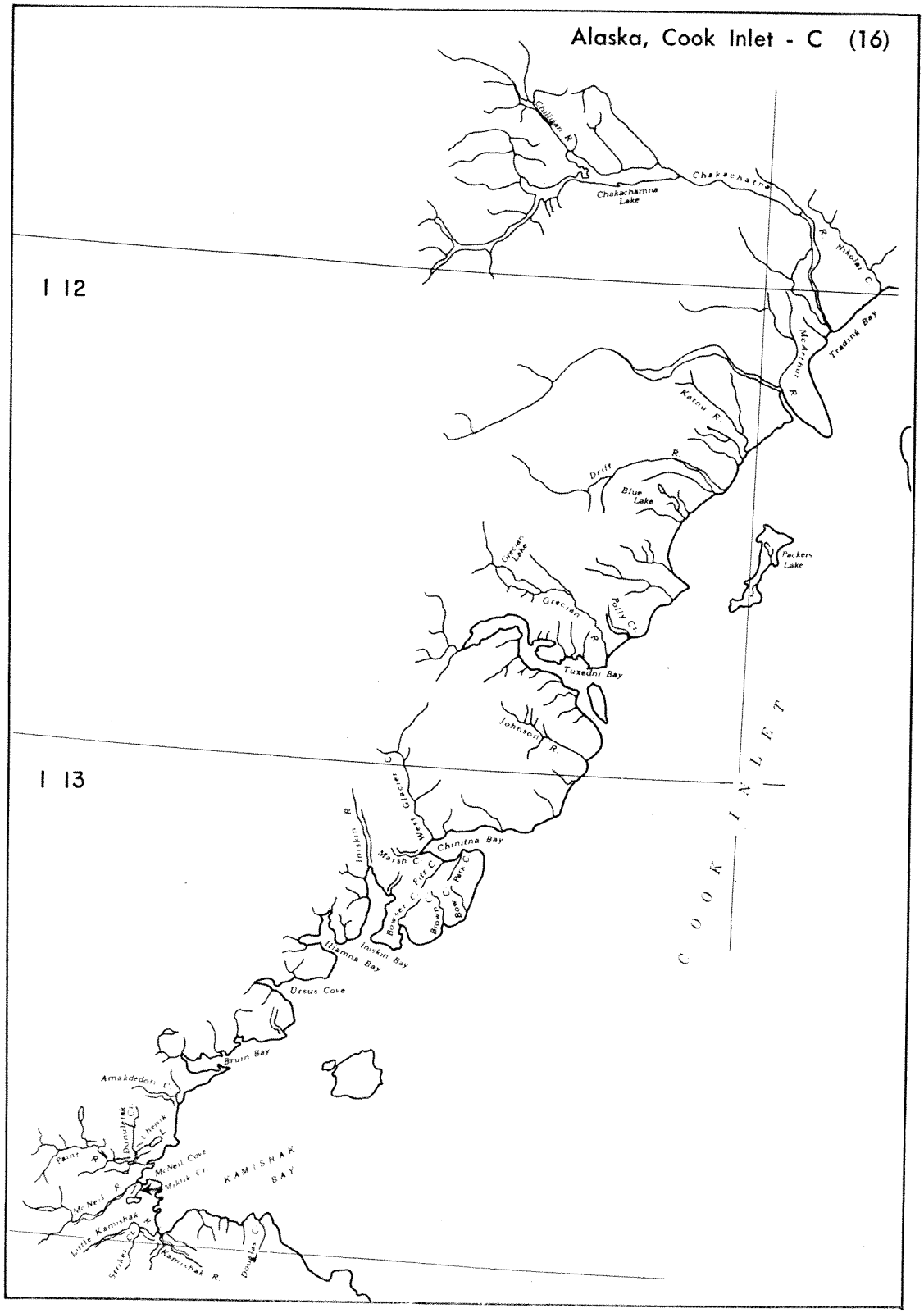

FIGURE 71. Spawning grounds of chum salmon in Central Alaska (Cook Inlet-C).

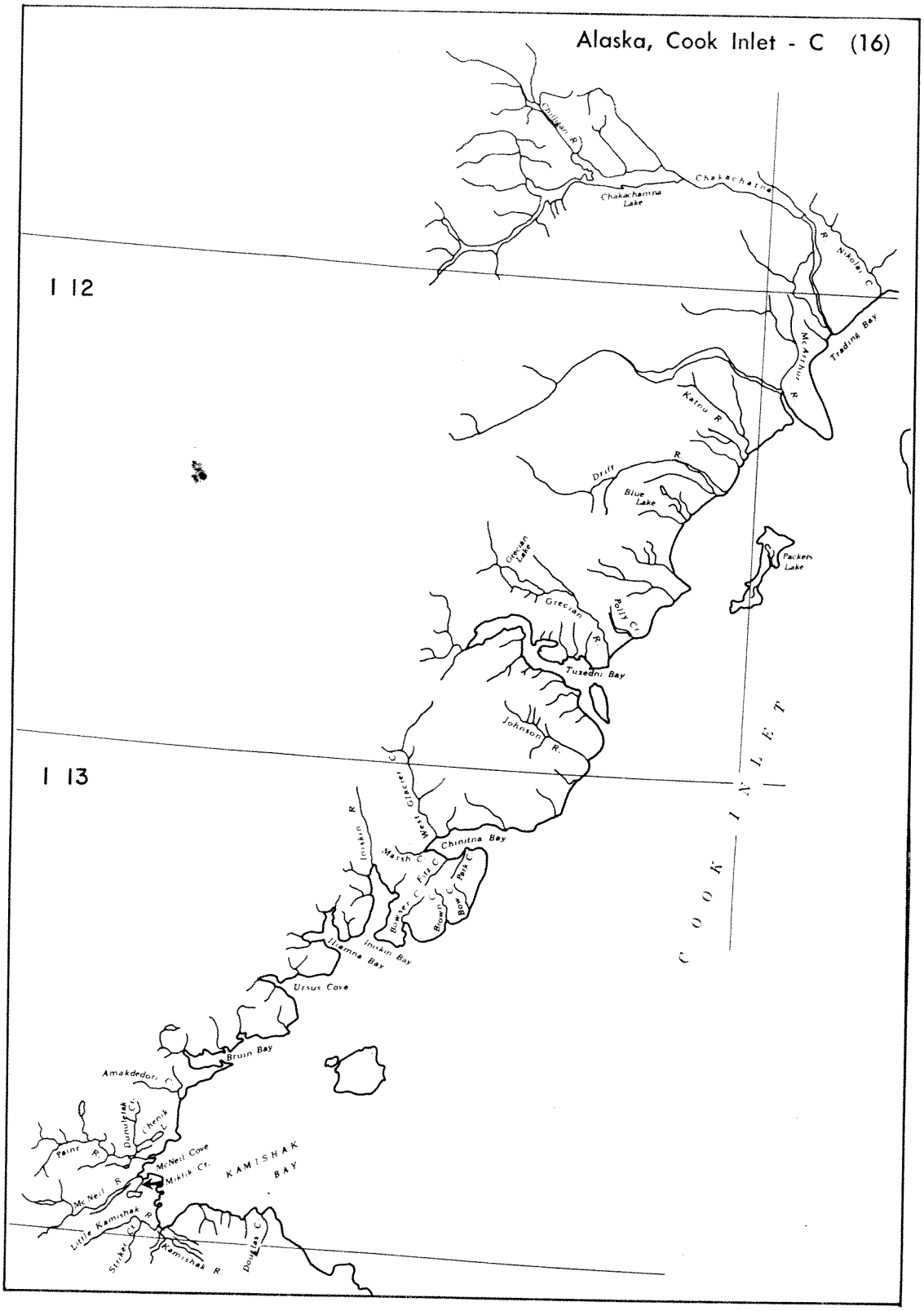

FIGURE 72. Spawning grounds of coho salmon in Central Alaska (Cook Inlet-C).

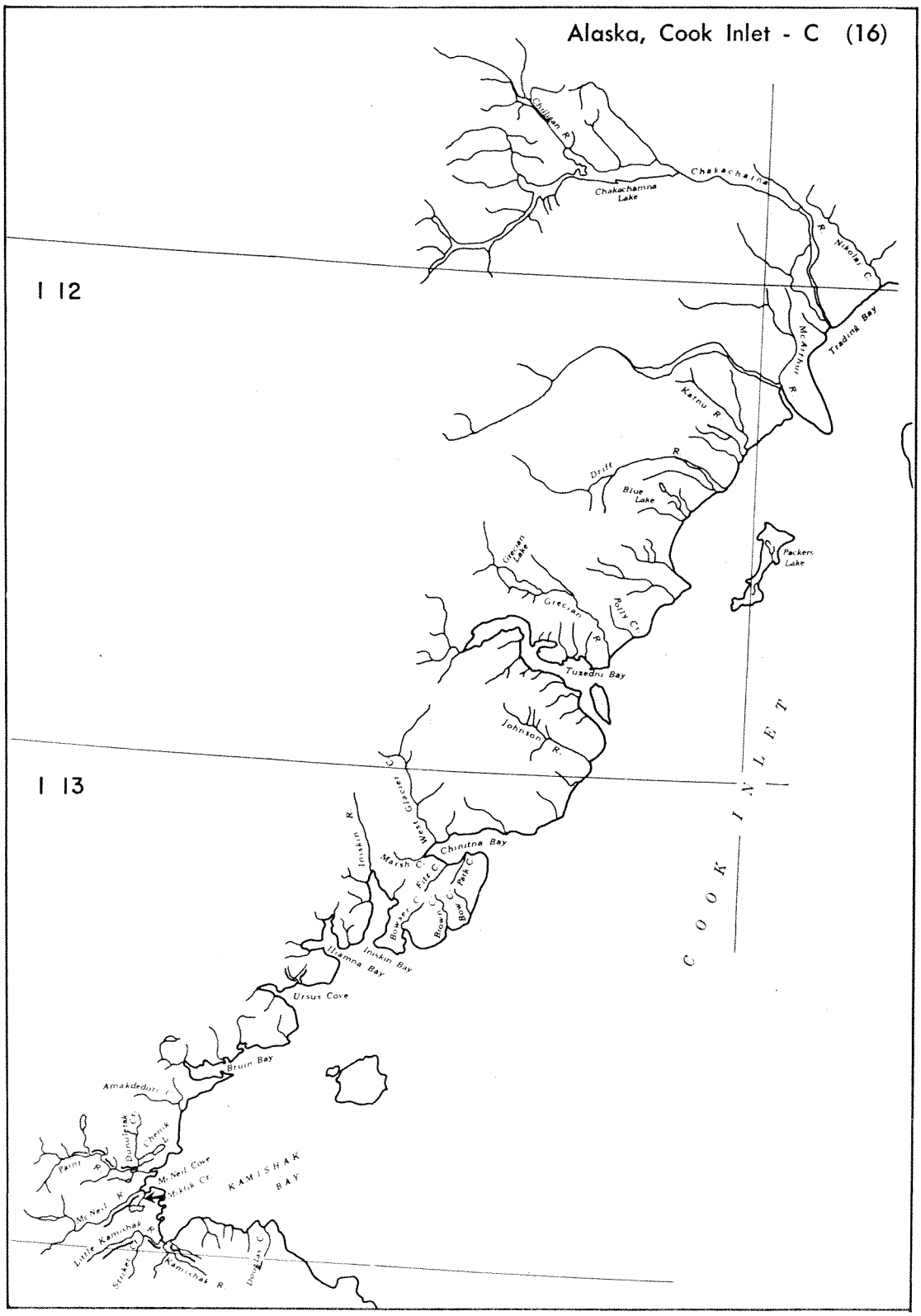

FIGURE 73. Spawning grounds of pink salmon in Central Alaska (Cook Inlet-C).

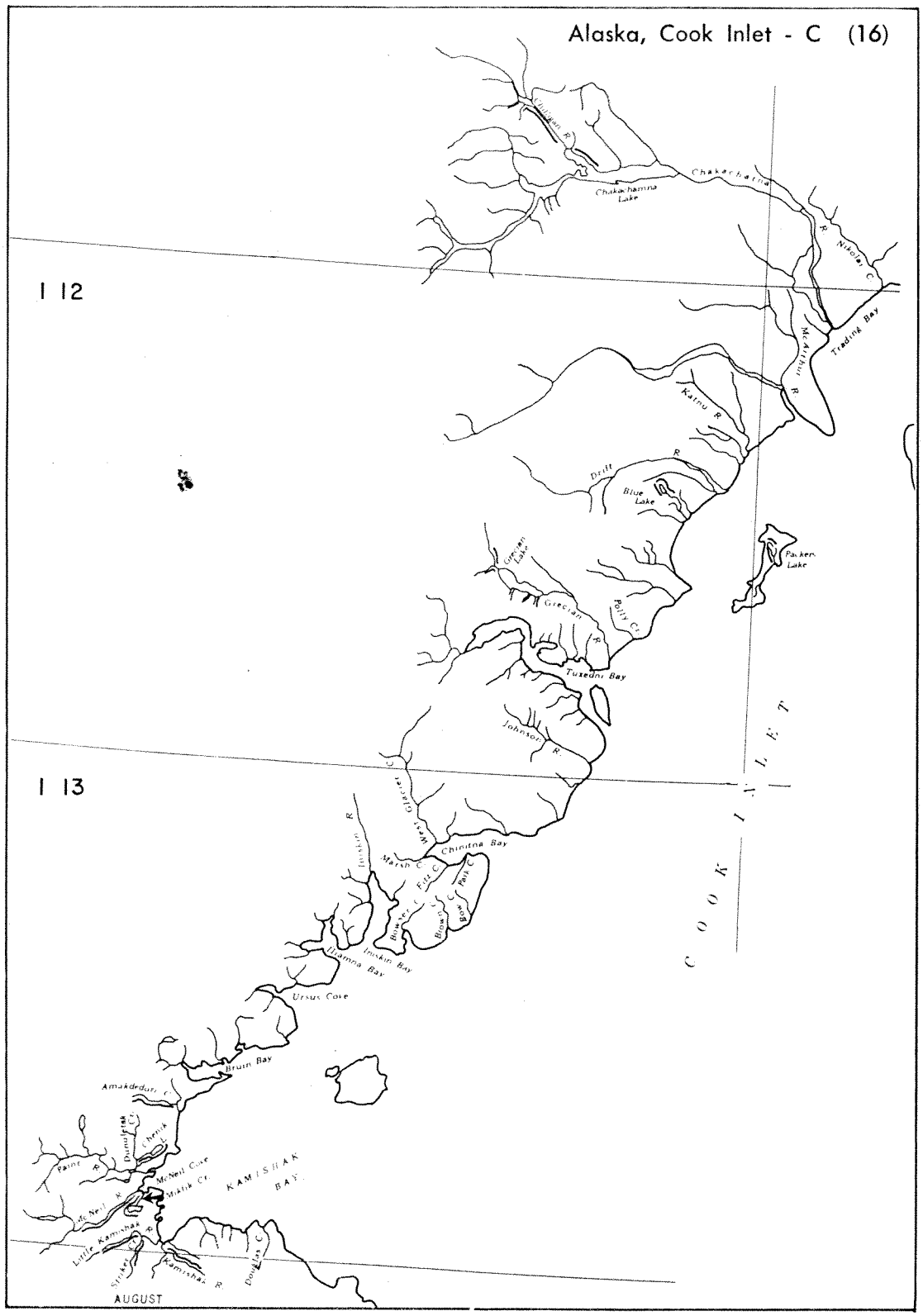

FIGURE 74. Spawning grounds of sockeye salmon in Central Alaska (Cook Inlet-C).

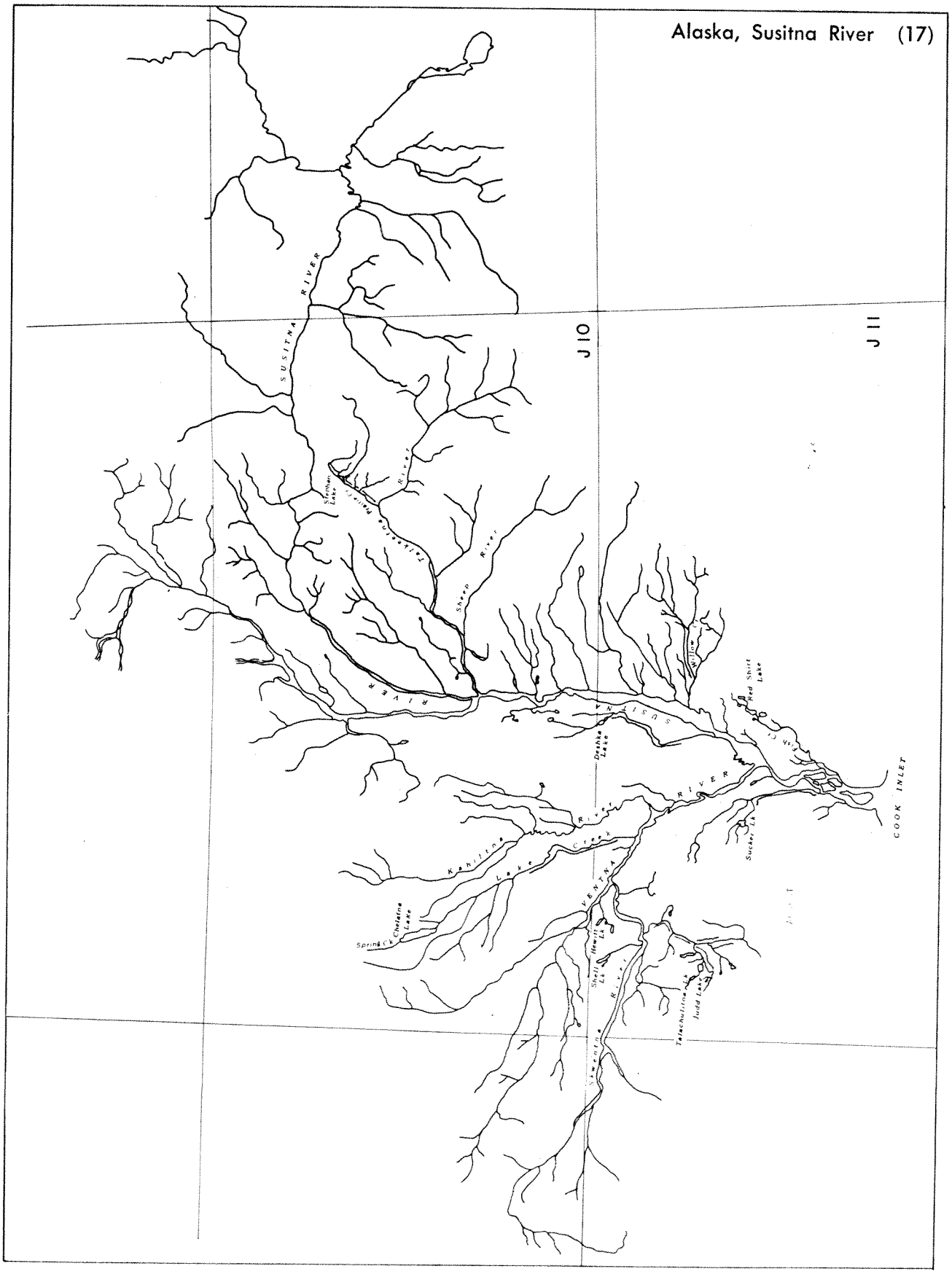

FIGURE 75. Spawning grounds of chinook salmon in Central Alaska (Susitna River).

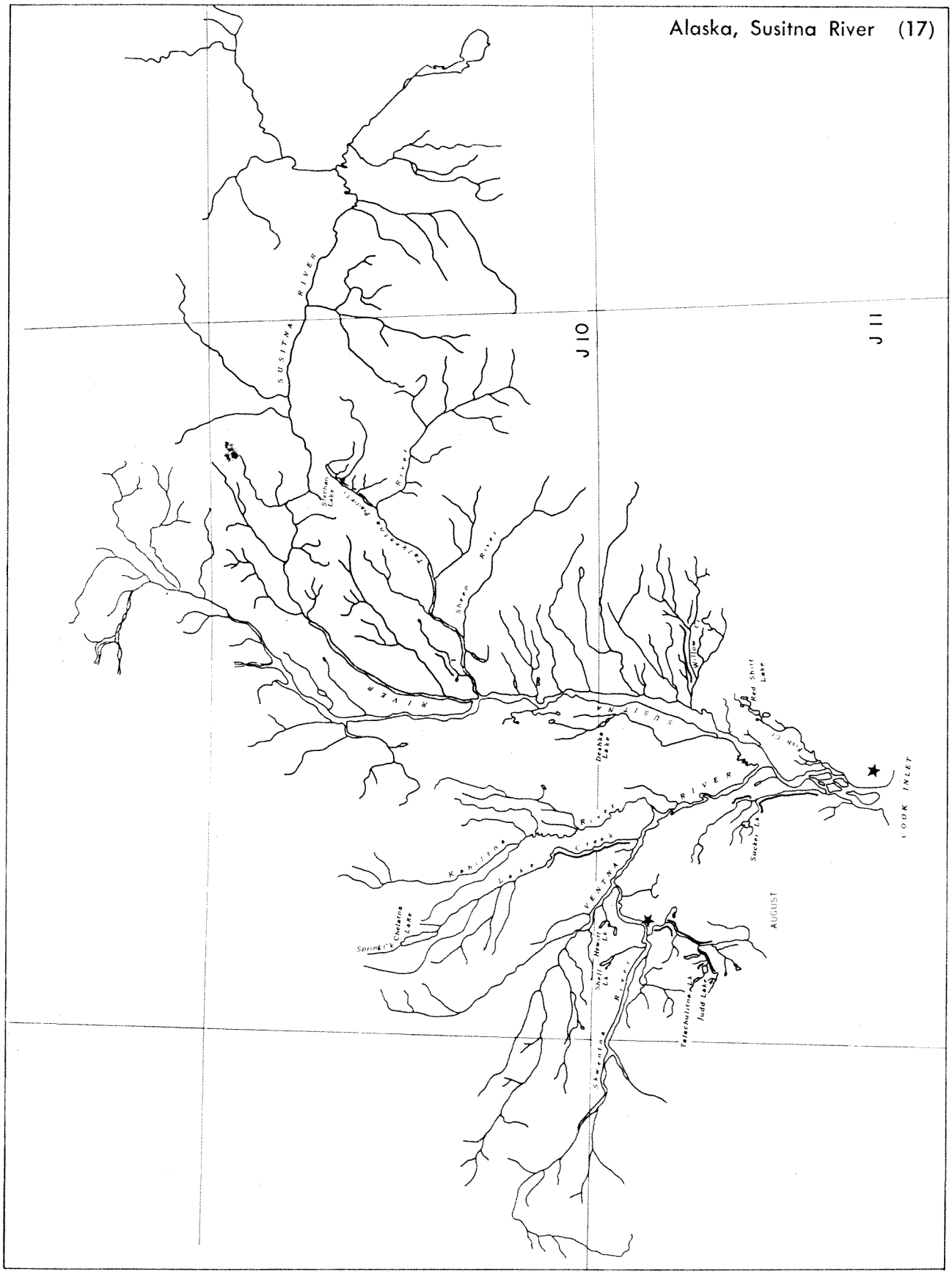

FIGURE 76. Spawning grounds of chum salmon in Central Alaska (Susitna River).

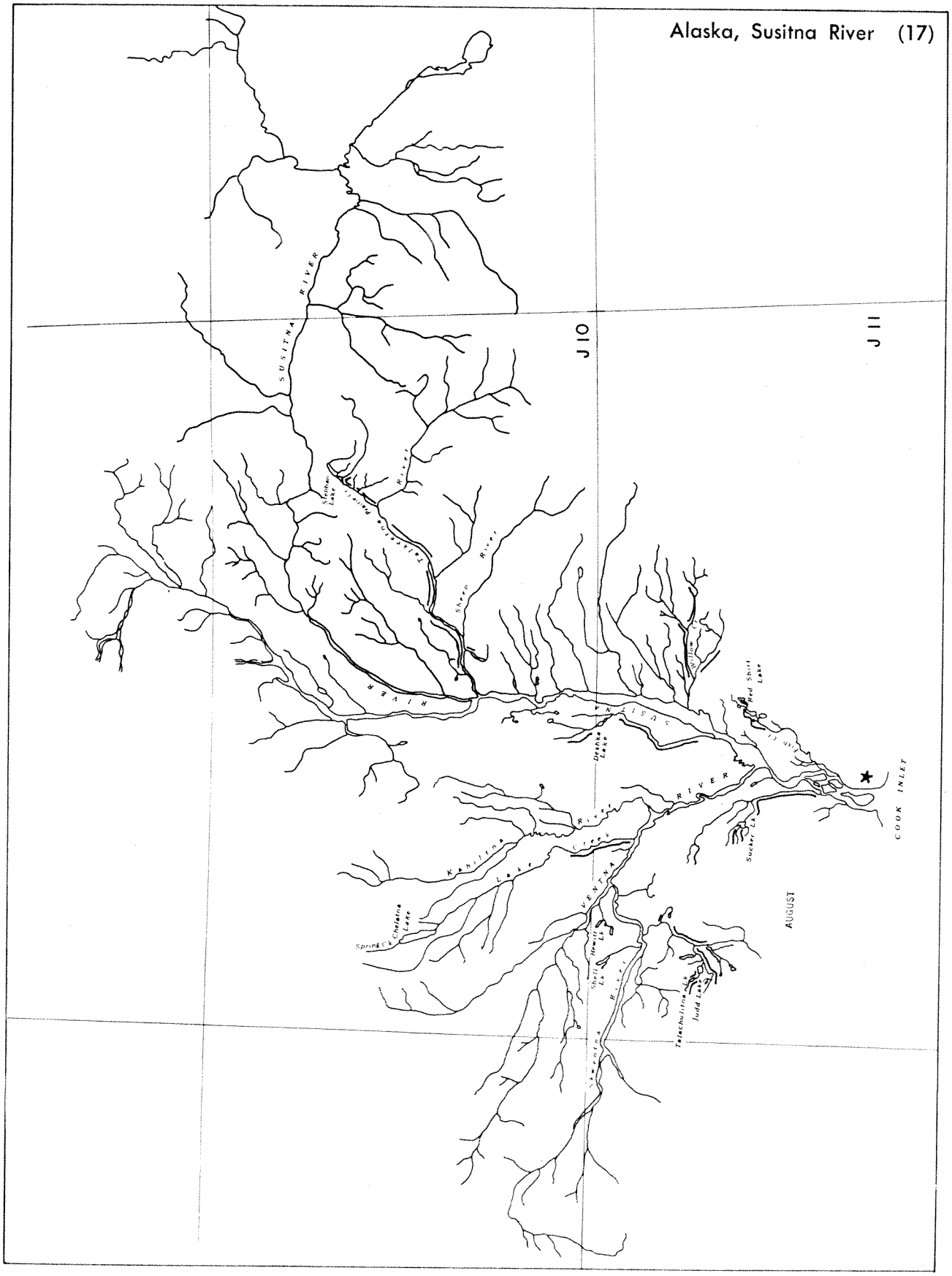

FIGURE 77. Spawning grounds of coho salmon in Central Alaska (Susitna River).

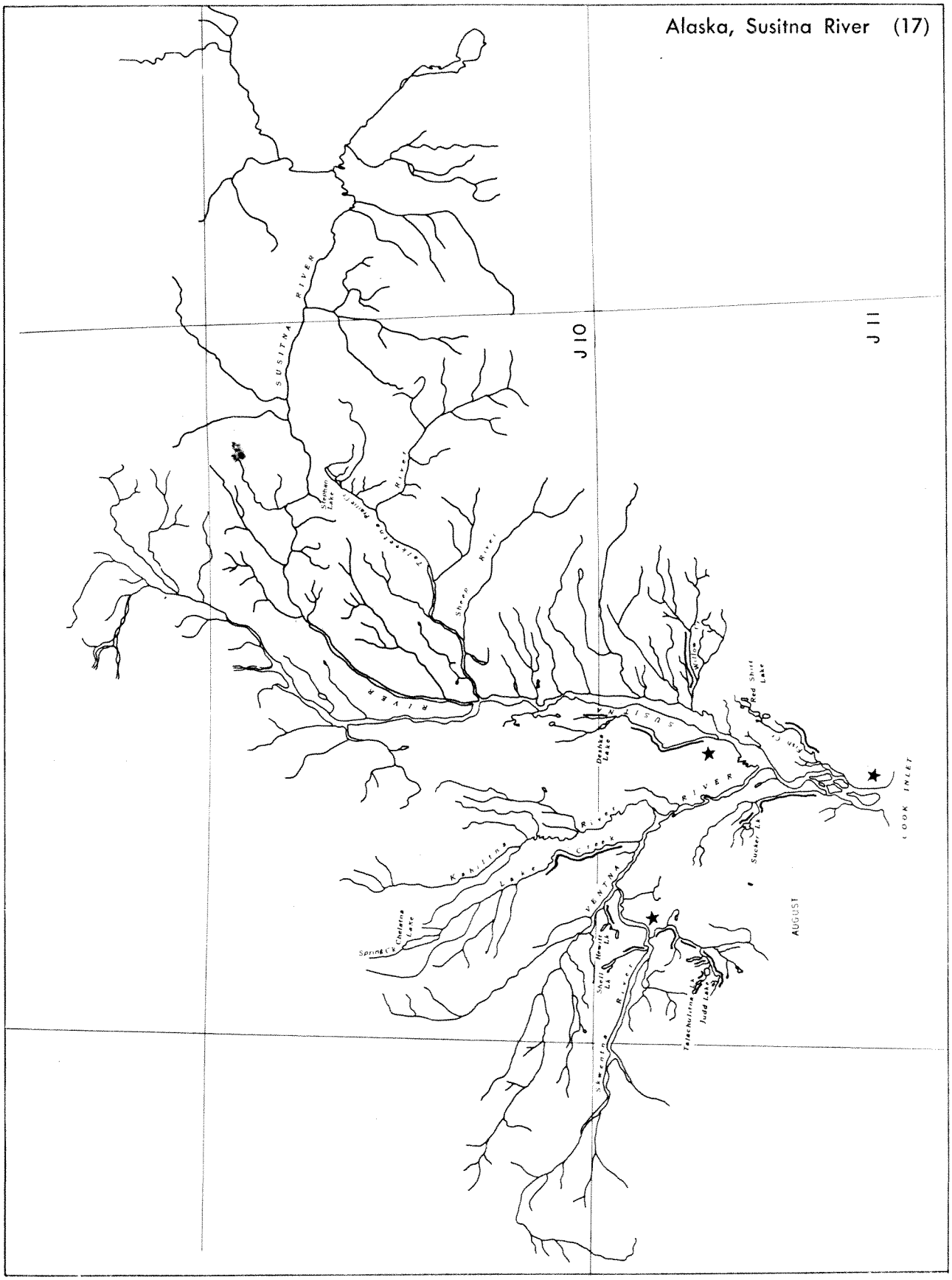

FIGURE 78. Spawning grounds of pink salmon in Central Alaska (Susitna River).

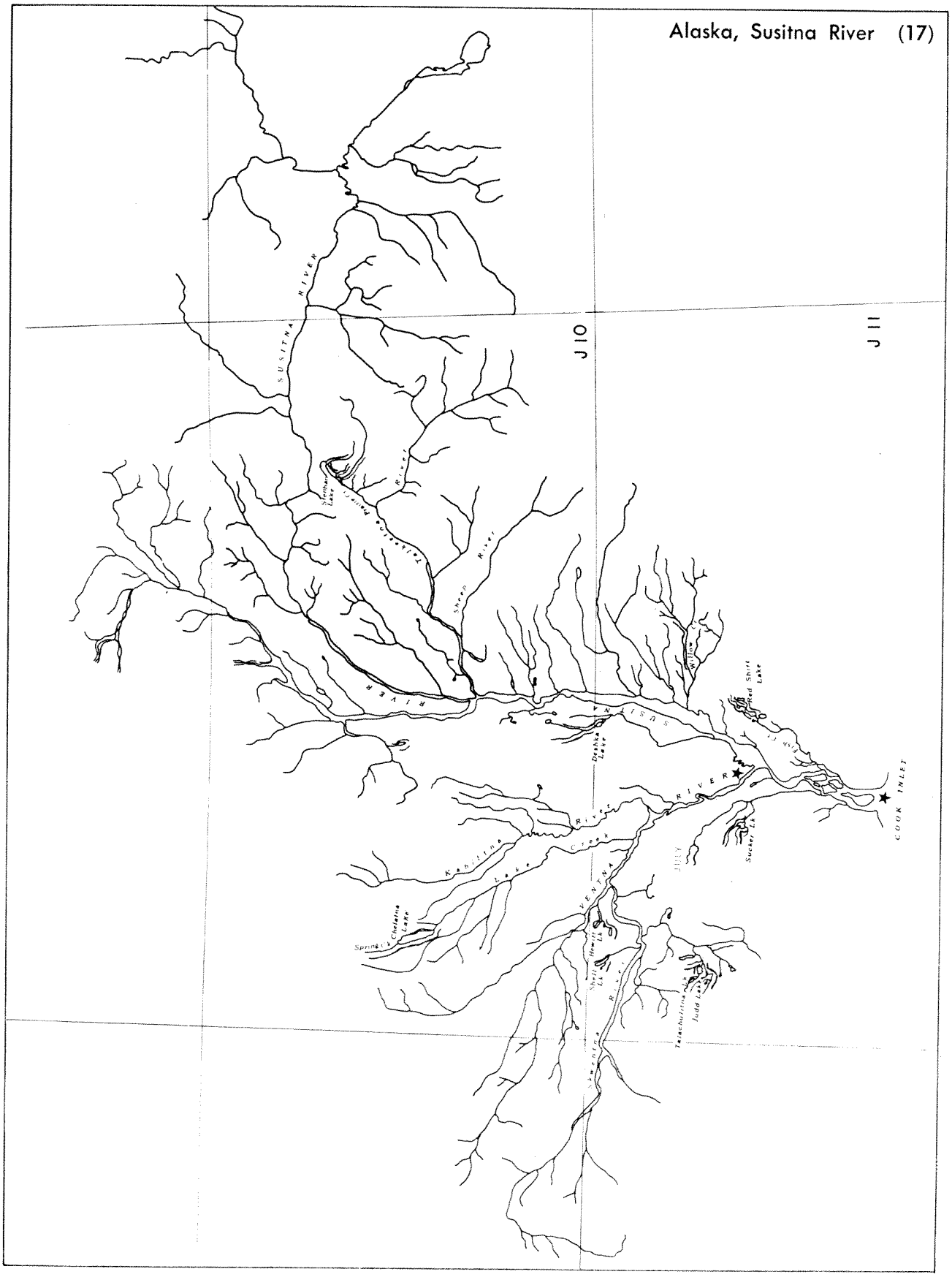

FIGURE 79. Spawning grounds of sockeye salmon in Central Alaska (Susitna River).

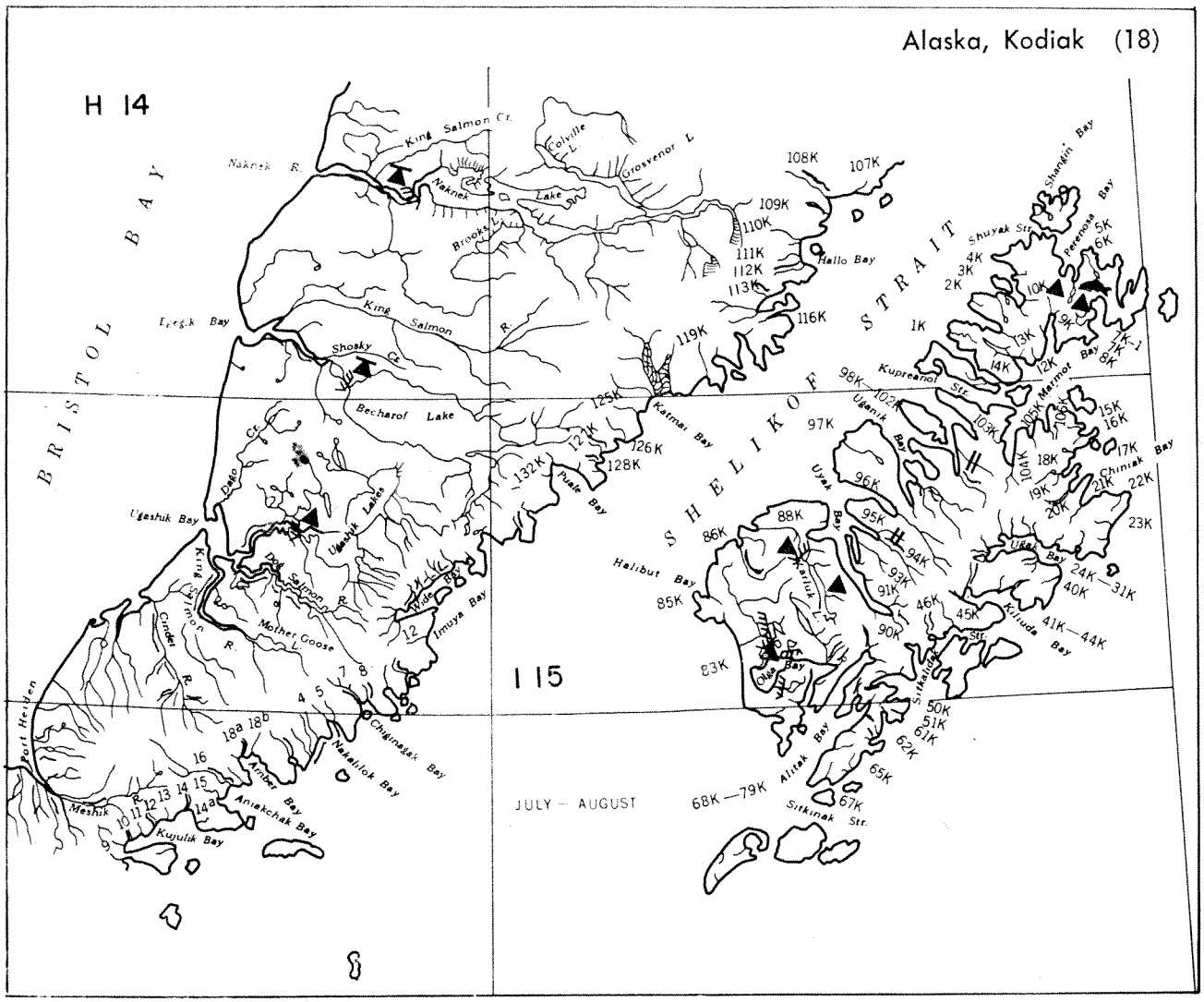

FIGURE 80. Spawning grounds of chum salmon in Central Alaska (Kodiak).

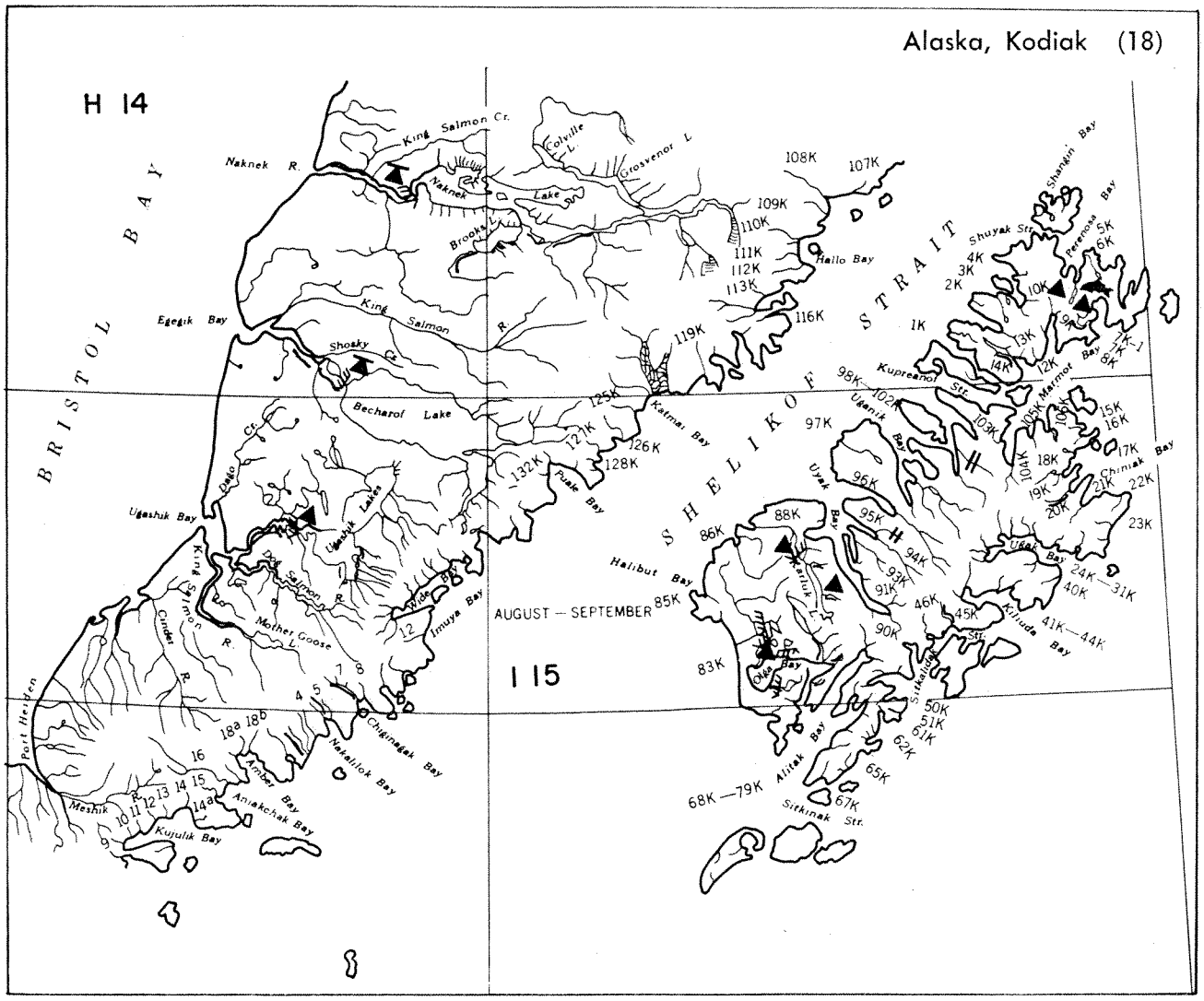

FIGURE 81. Spawning grounds of coho salmon in Central Alaska (Kodiak).

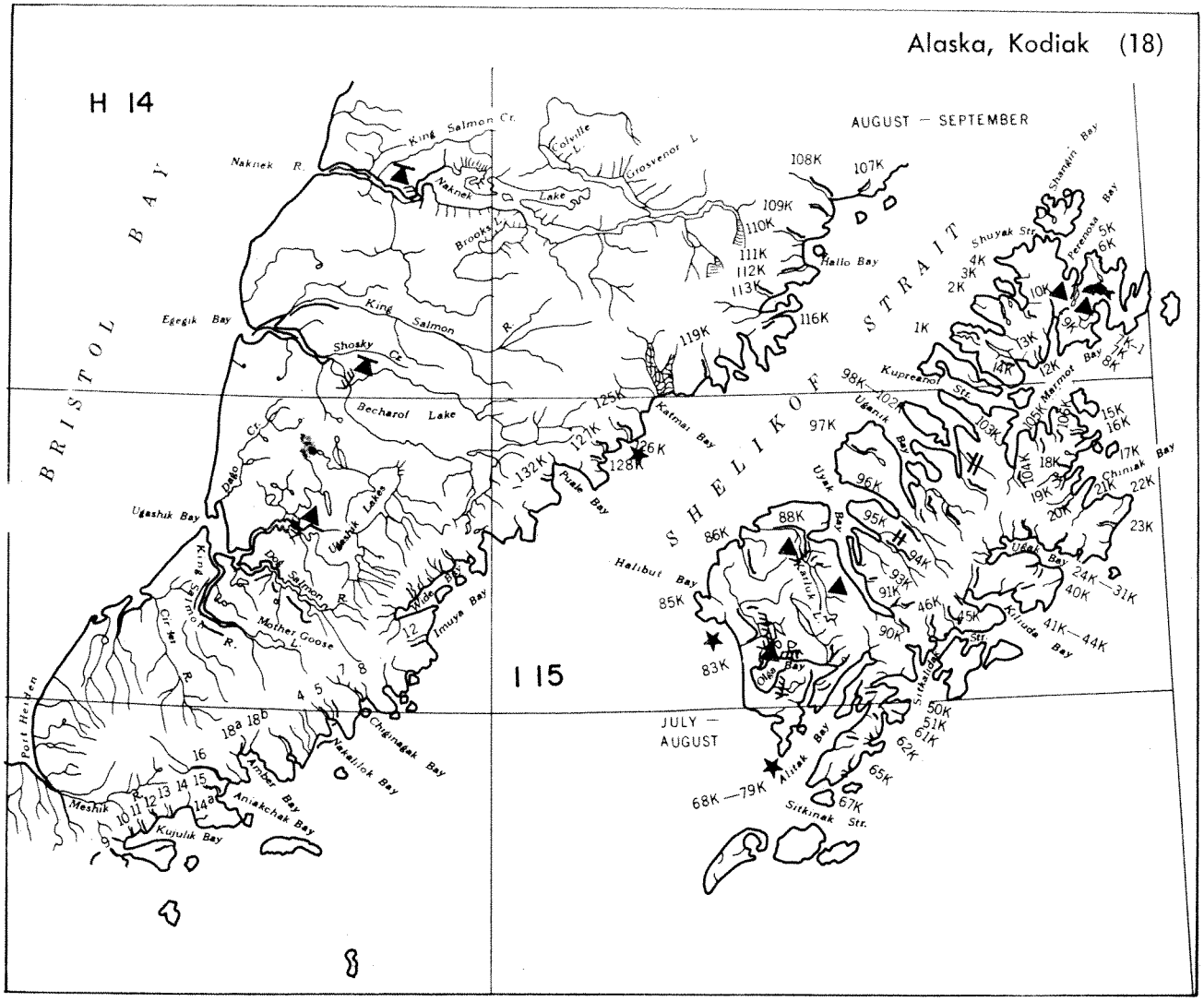

FIGURE 82. Spawning grounds of pink salmon in Central Alaska (Kodiak).

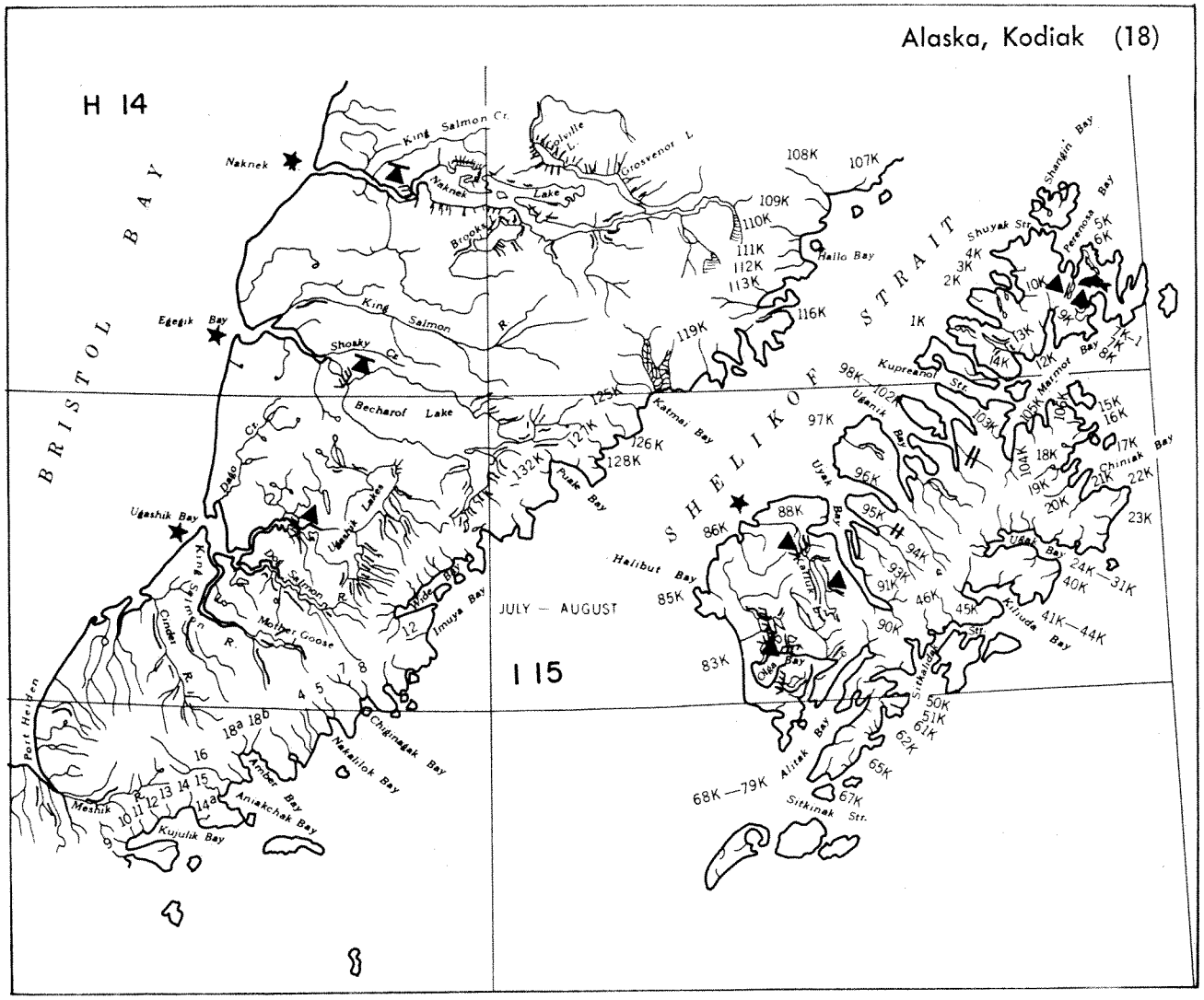

FIGURE 83. Spawning grounds of sockeye salmon in Central Alaska (Kodiak).

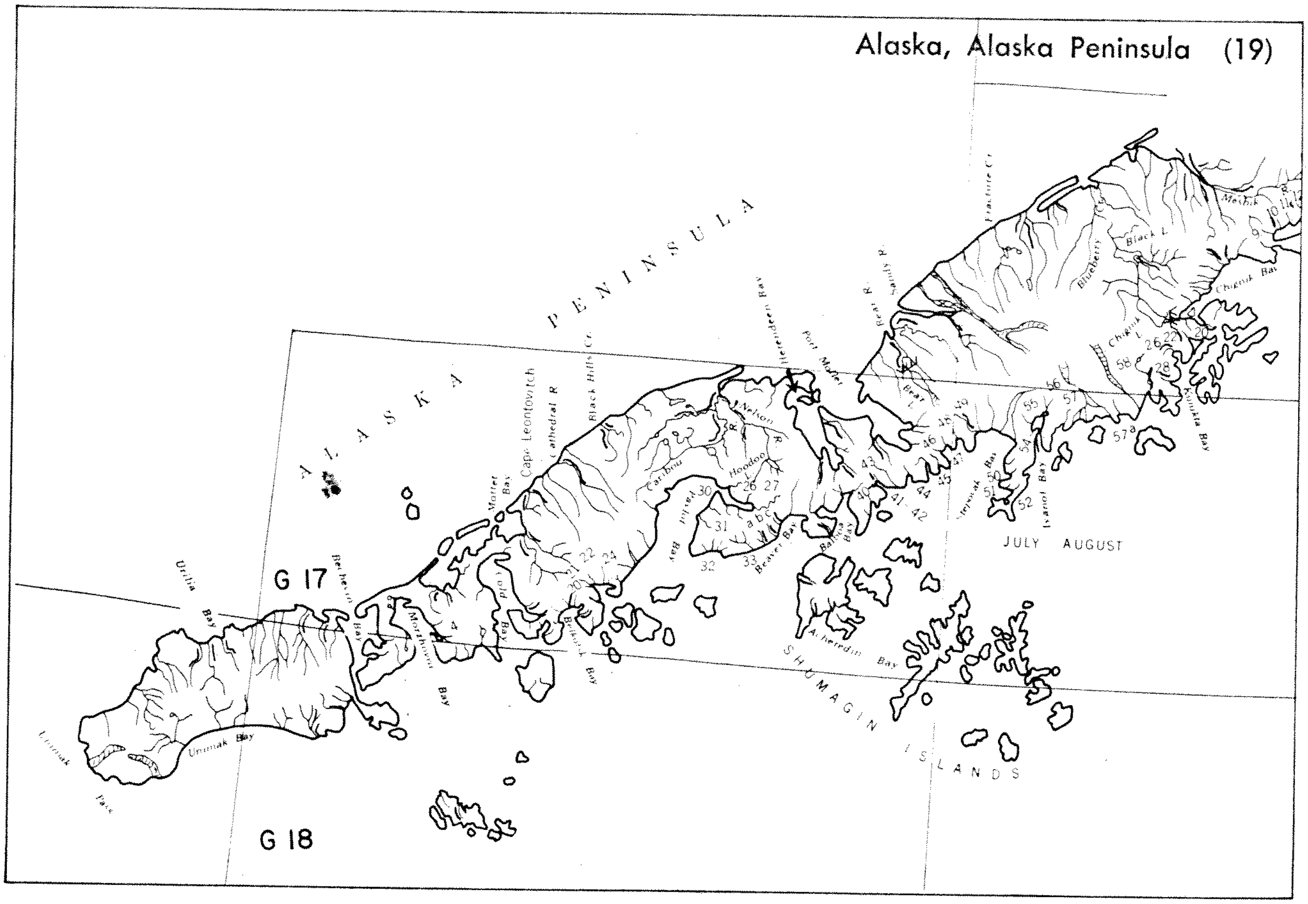

FIGURE 84. Spawning grounds of chum salmon in Western Alaska (Peninsula).

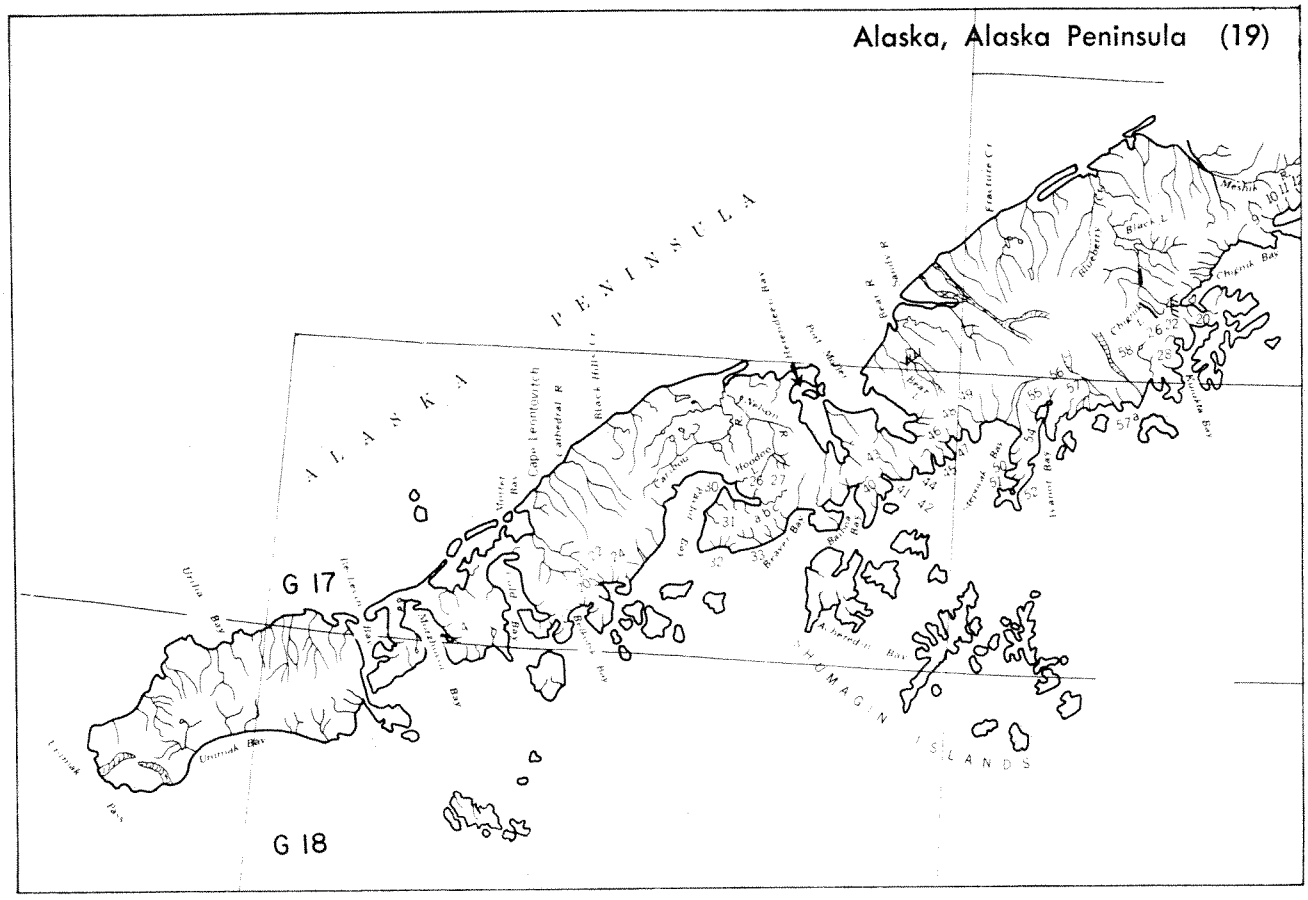

FIGURE 85. Spawning grounds of coho salmon in Western Alaska (Peninsula).

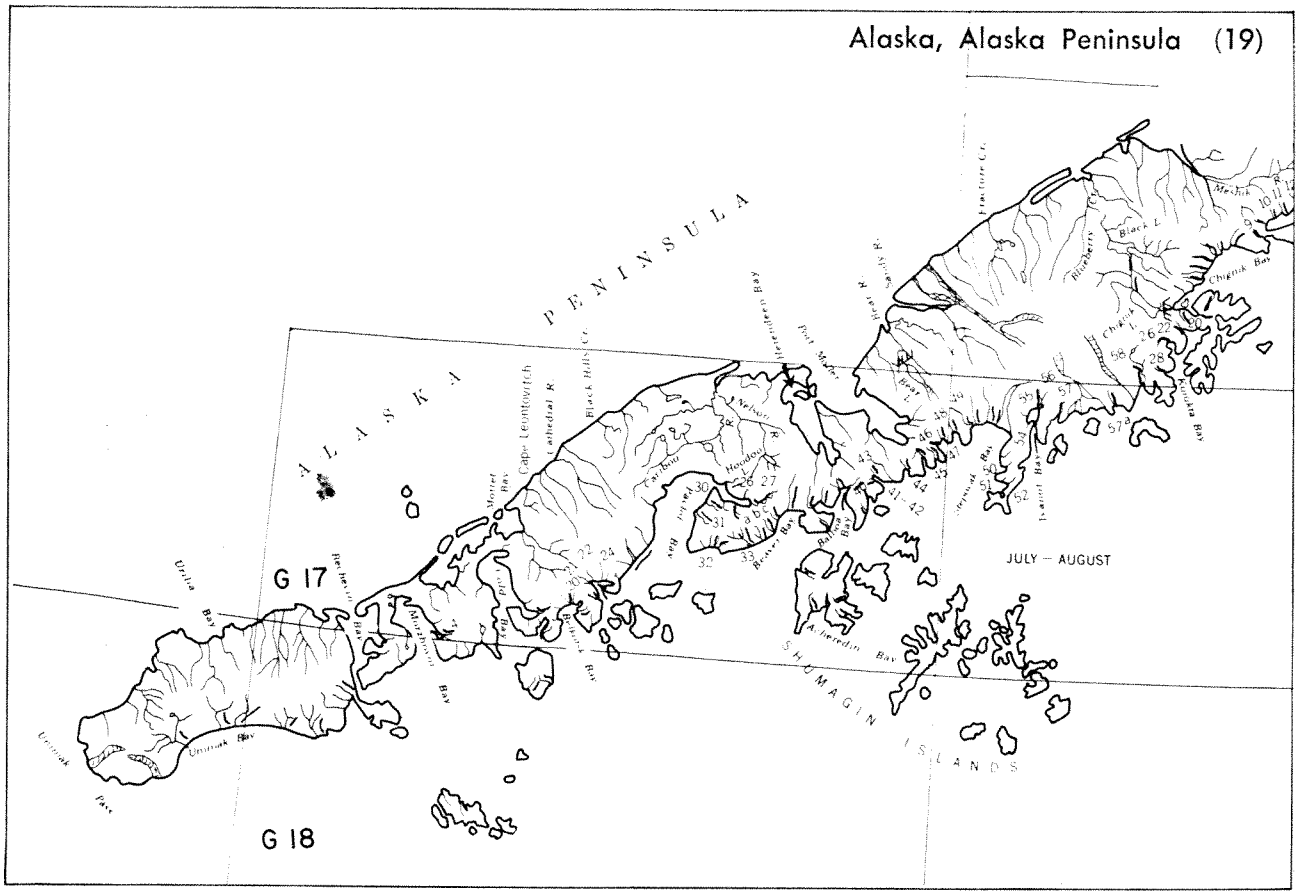

FIGURE 86. Spawning grounds of pink salmon in Western Alaska (Peninsula).

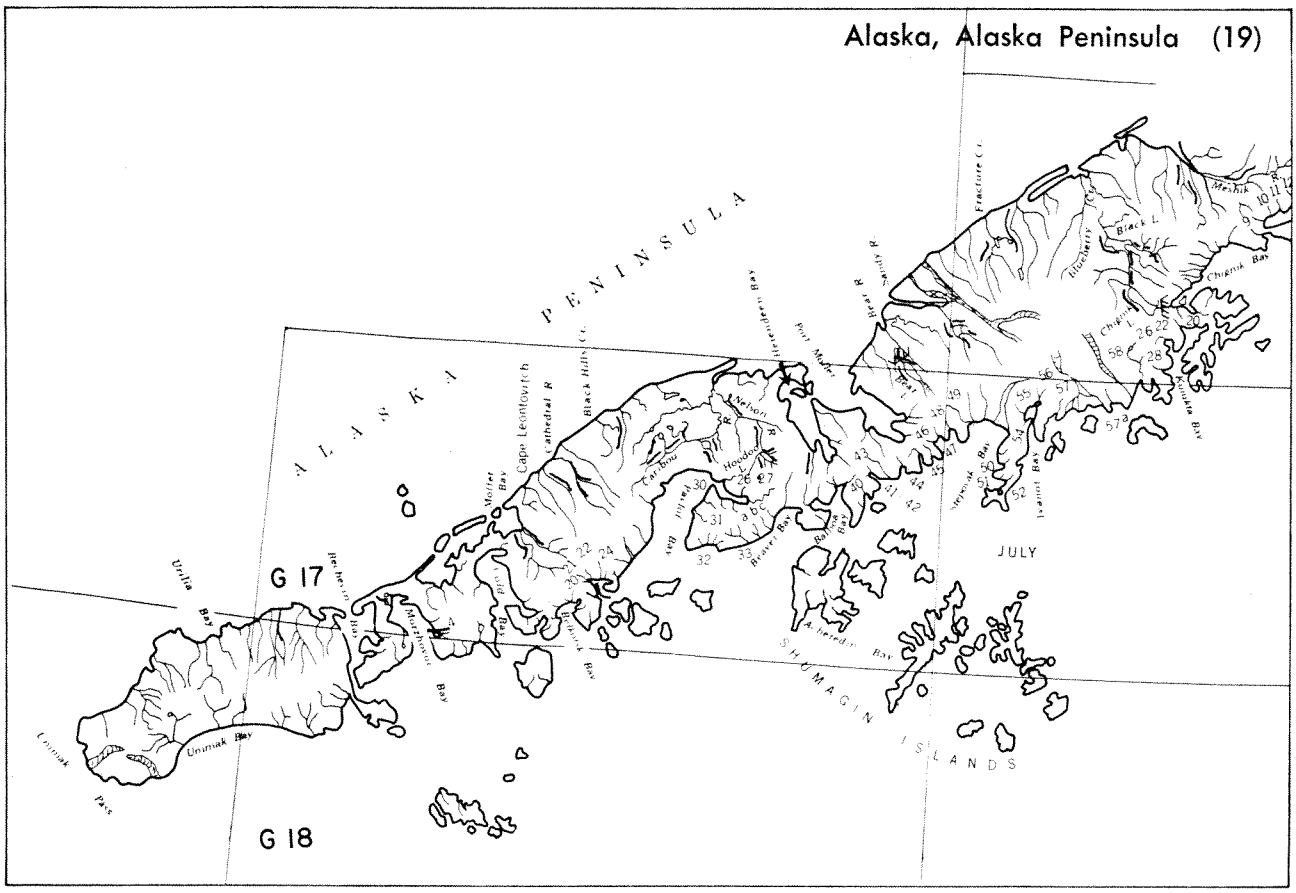

FIGURE 87. Spawning grounds of sockeye salmon in Western Alaska (Peninsula).

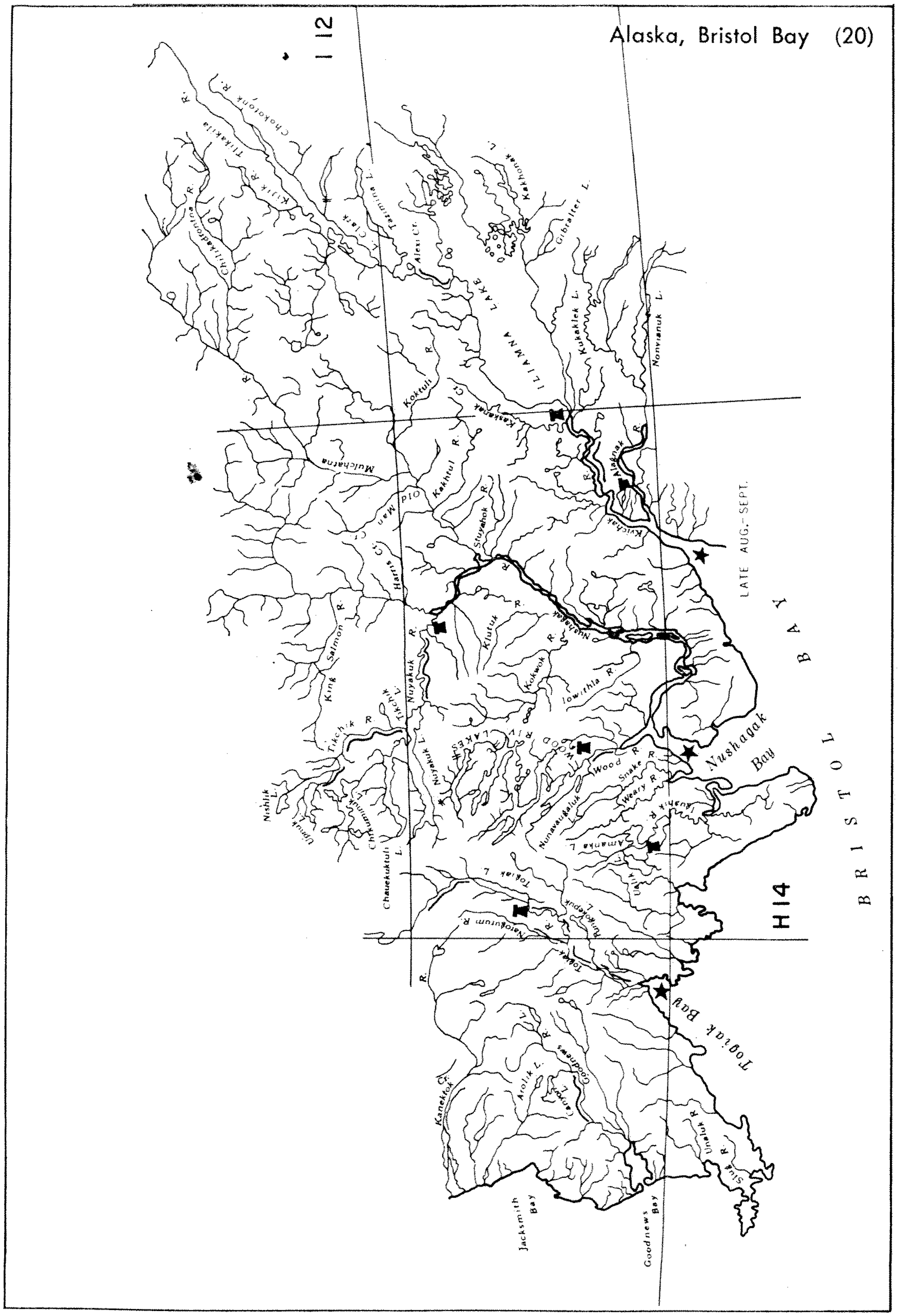

FIGURE 88. Spawning grounds of chinook salmon in Western Alaska (Bristol Bay).

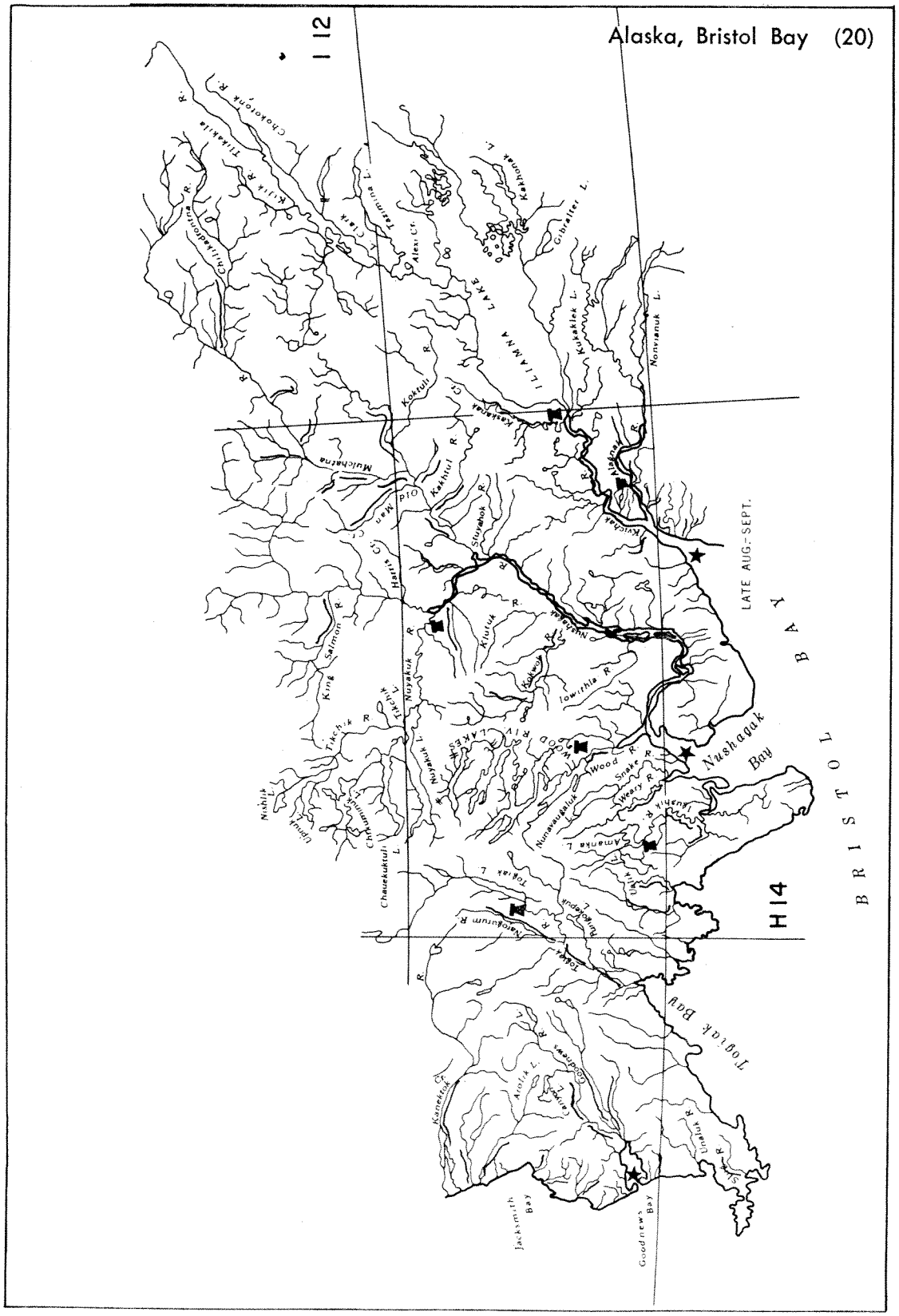

FIGURE 89. Spawning grounds of chum salmon in Western Alaska (Bristol Bay).

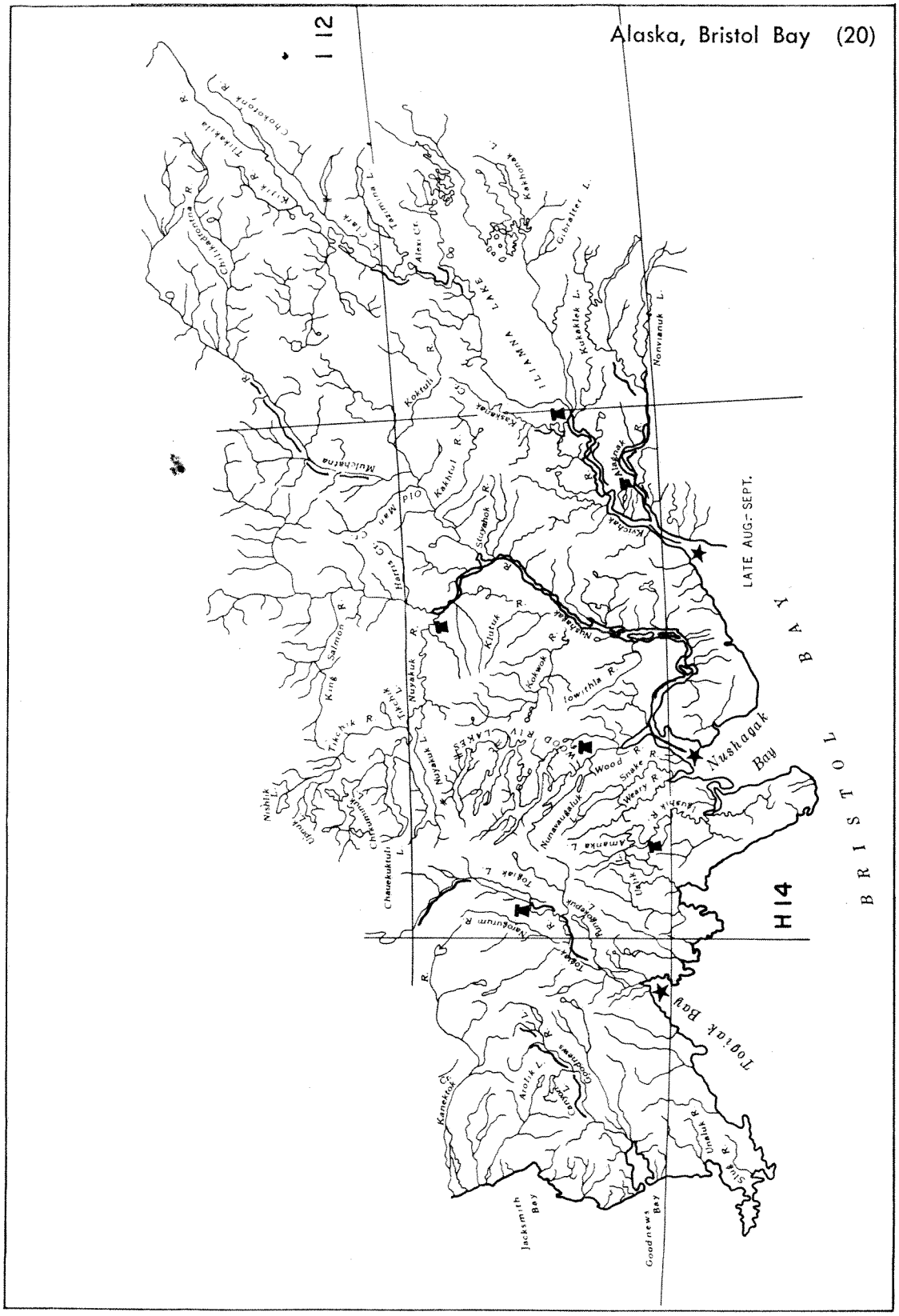

FIGURE 90. Spawning grounds of coho salmon in Western Alaska (Bristol Bay).

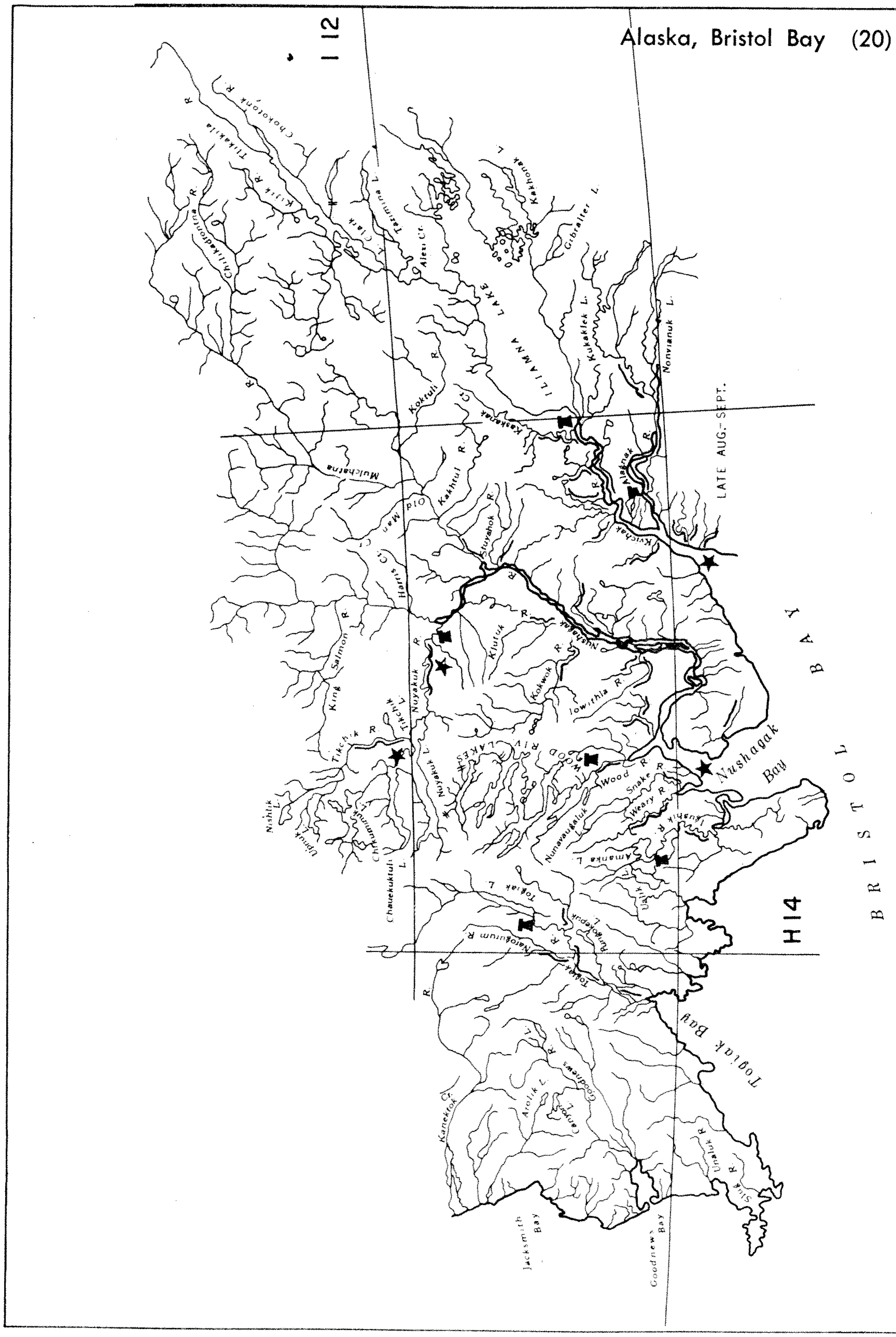

FIGURE 91. Spawning grounds of pink salmon in Western Alaska (Bristol Bay).

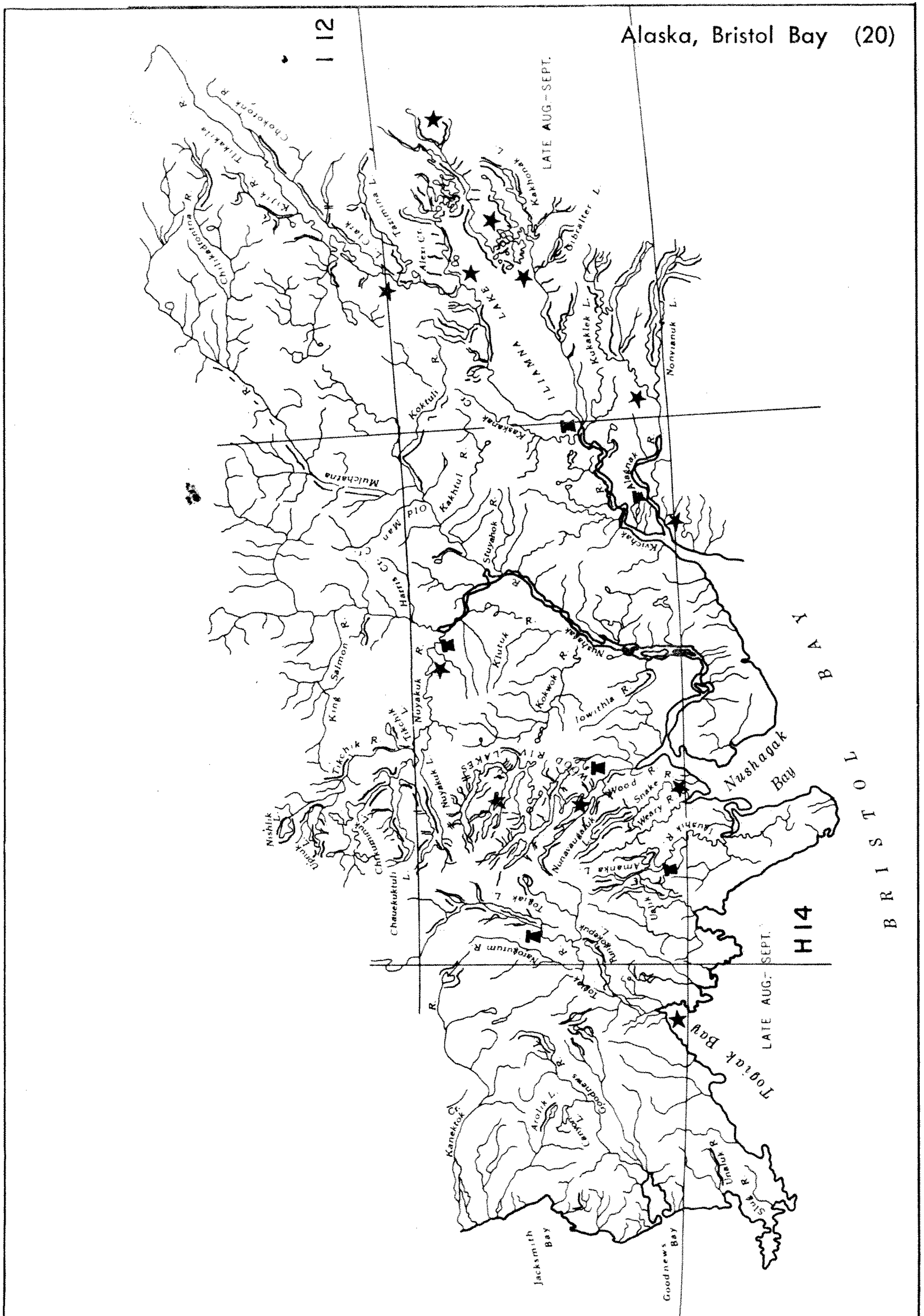

FIGURE 92. Spawning grounds of sockeye salmon in Western Alaska (Bristol Bay).

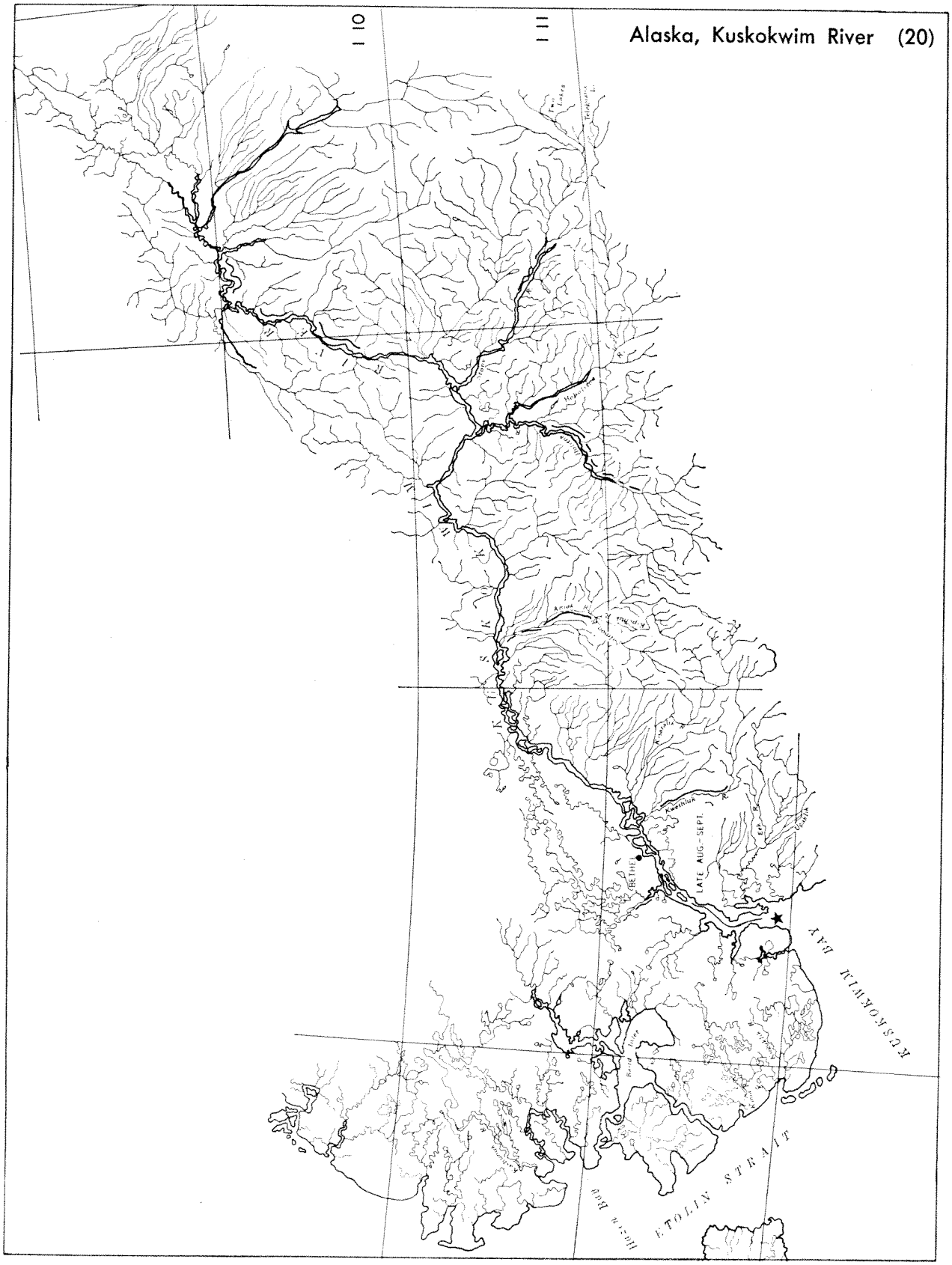

FIGURE 93. Spawning grounds of chinook salmon in Western Alaska (Kuskokwim River).

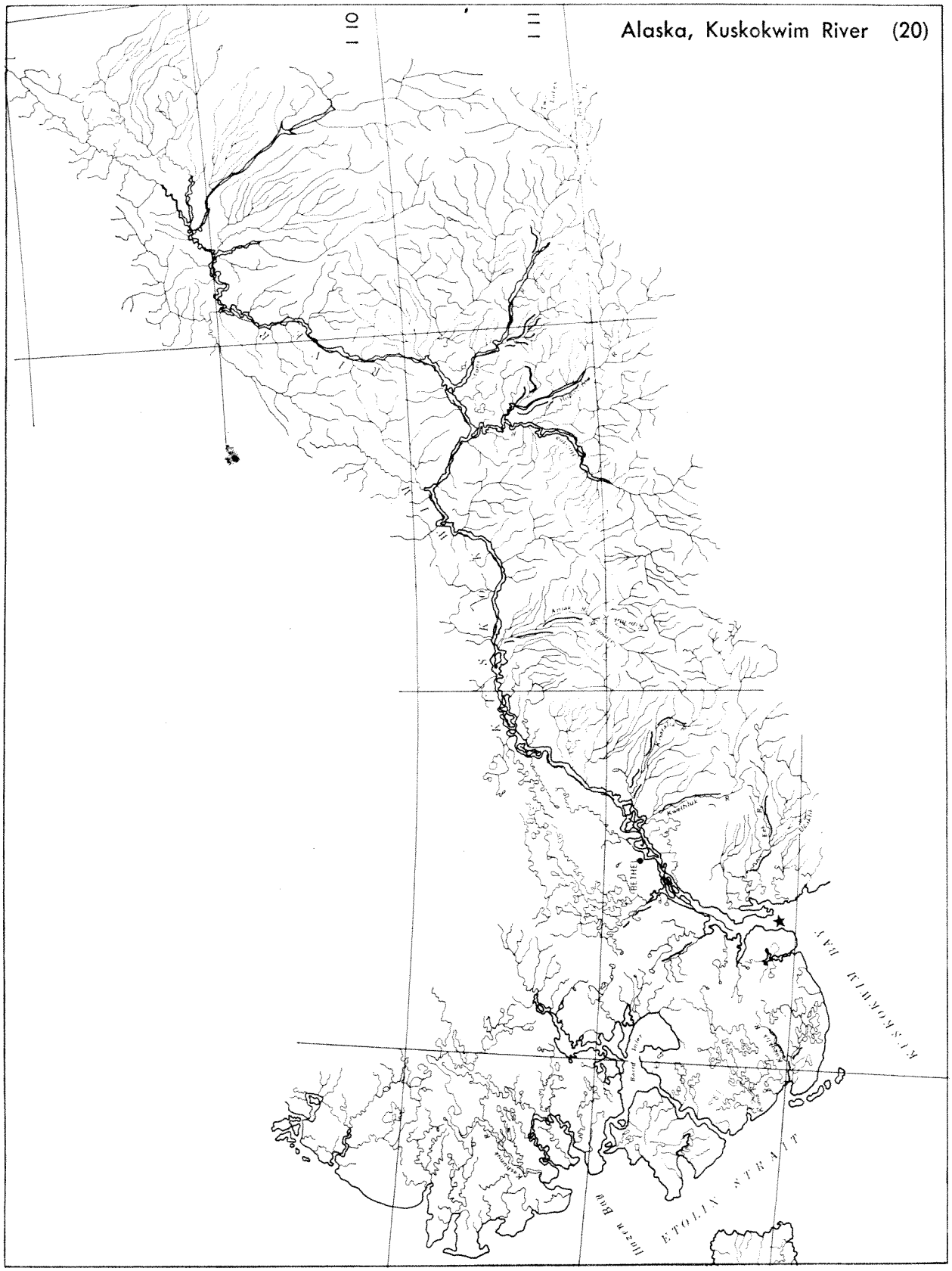

FIGURE 94. Spawning grounds of chum salmon in Western Alaska (Kuskokwim River).

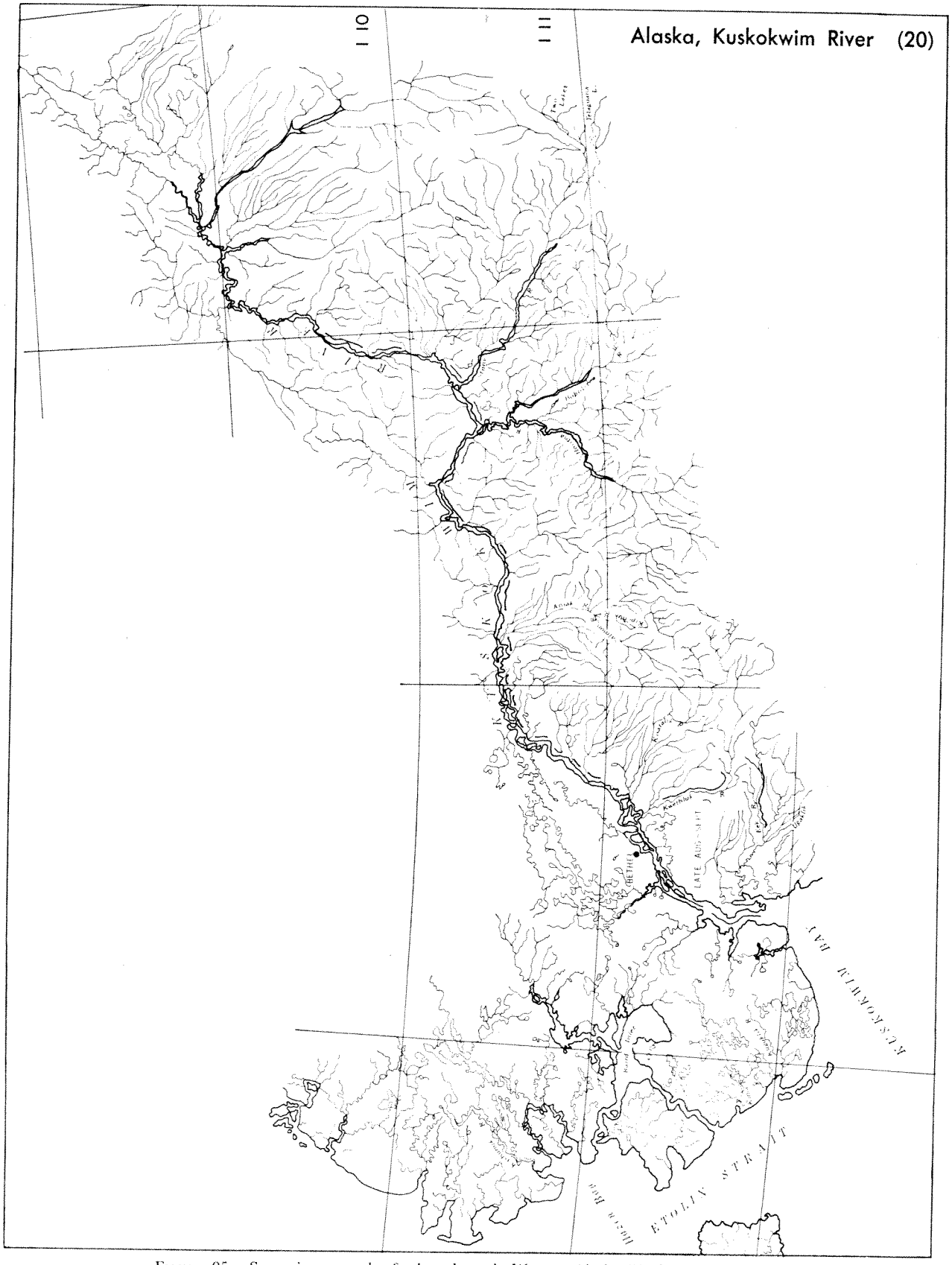

FIGURE 95. Spawning grounds of coho salmon in Western Alaska (Kuskokwim River).

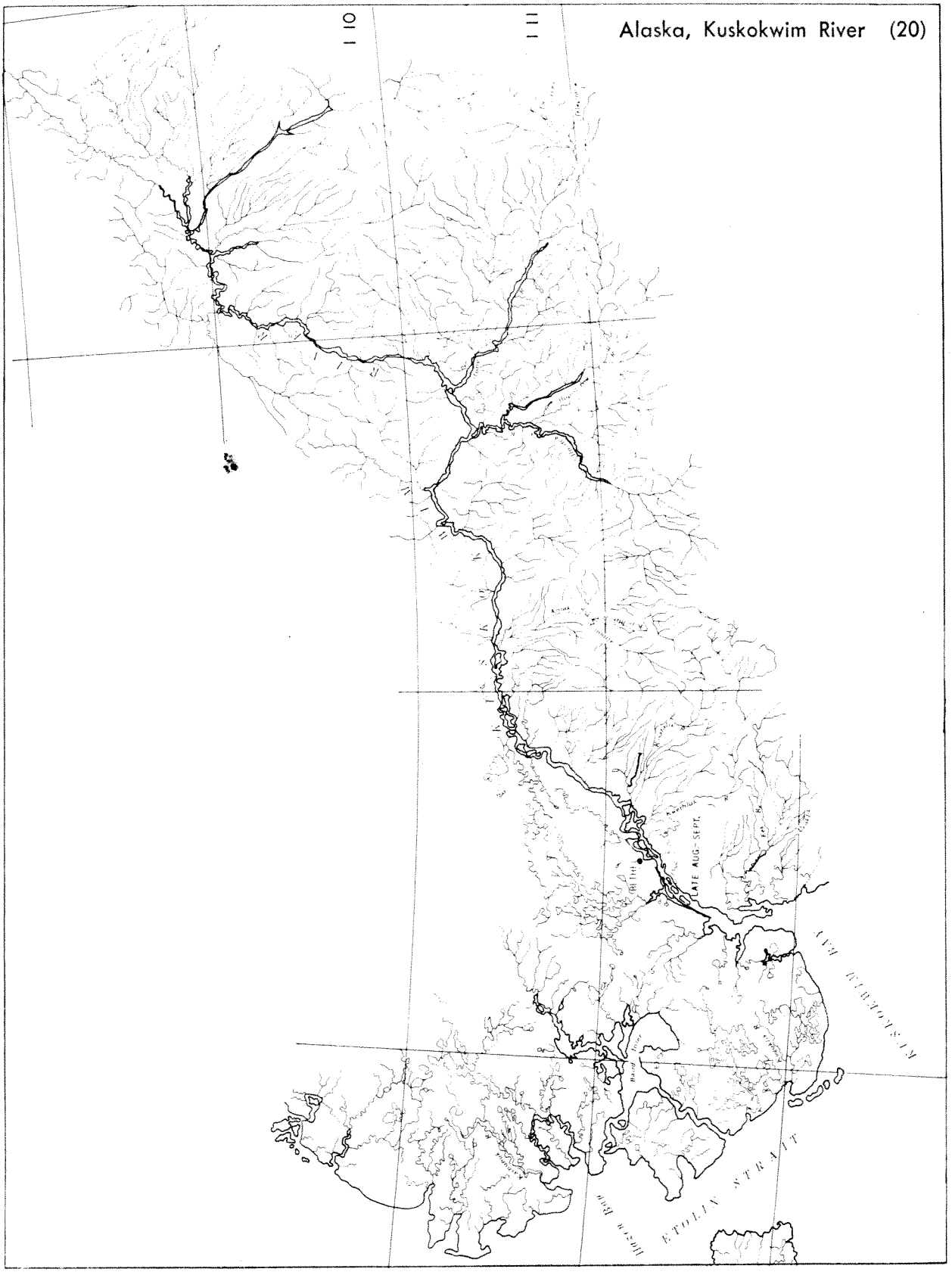

FIGURE 96. Spawning grounds of pink salmon in Western Alaska (Kuskokwim River).

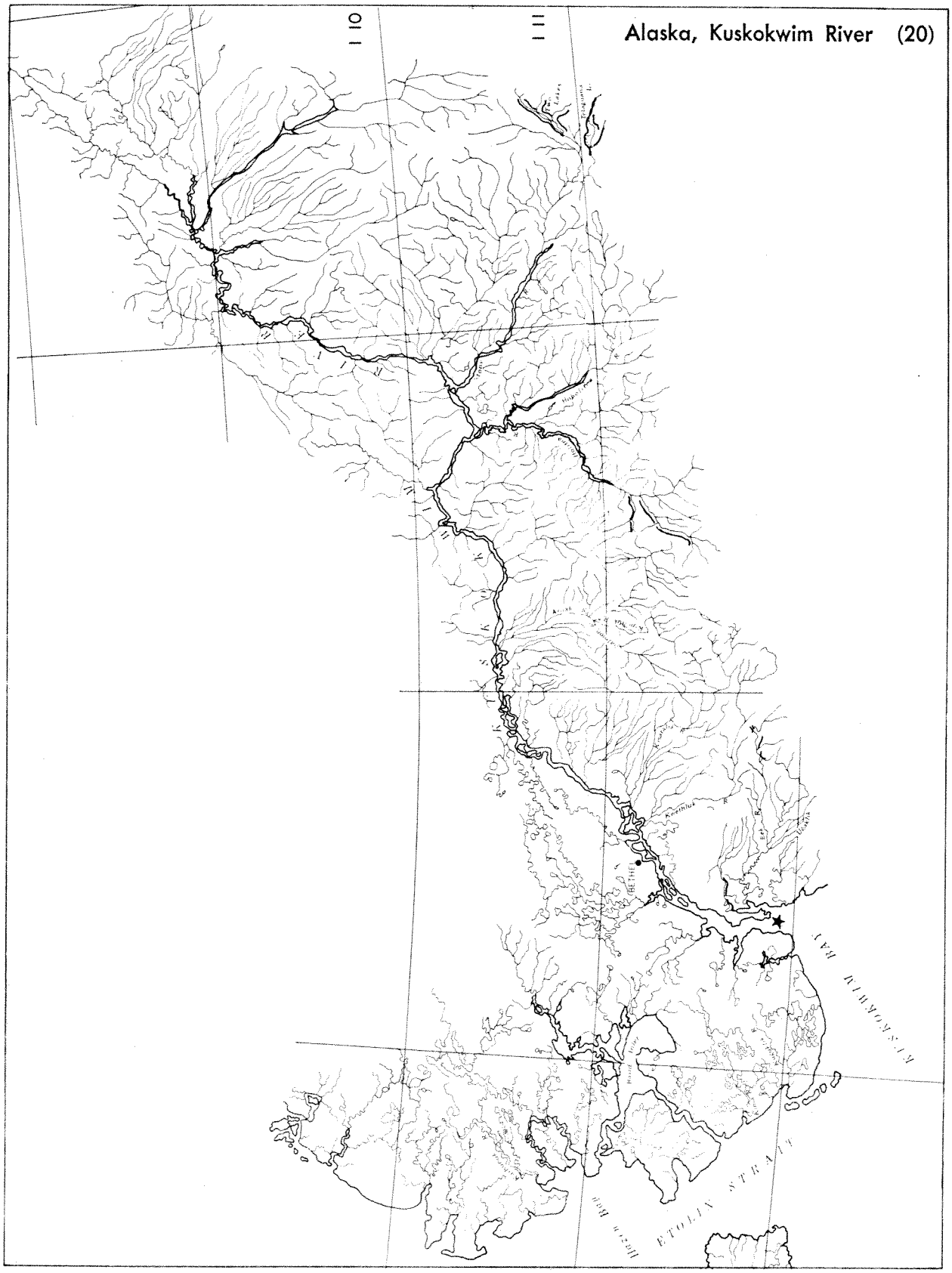

FIGURE 97. Spawning grounds of sockeye salmon in Western Alaska (Kuskokwim River).

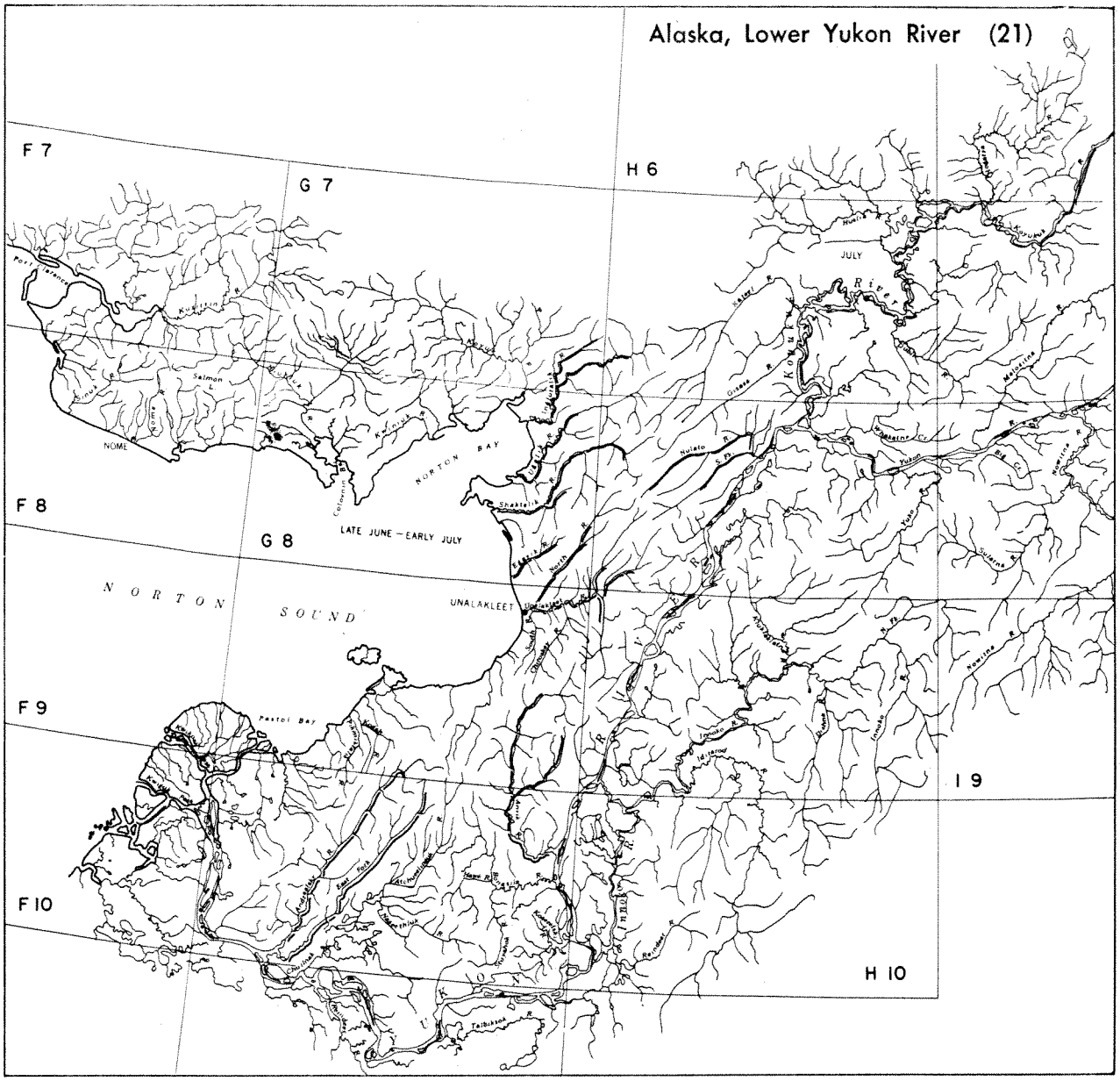

FIGURE 98. Spawning grounds of chinook salmon in Western Alaska (Lower Yukon River, Norton Sound).

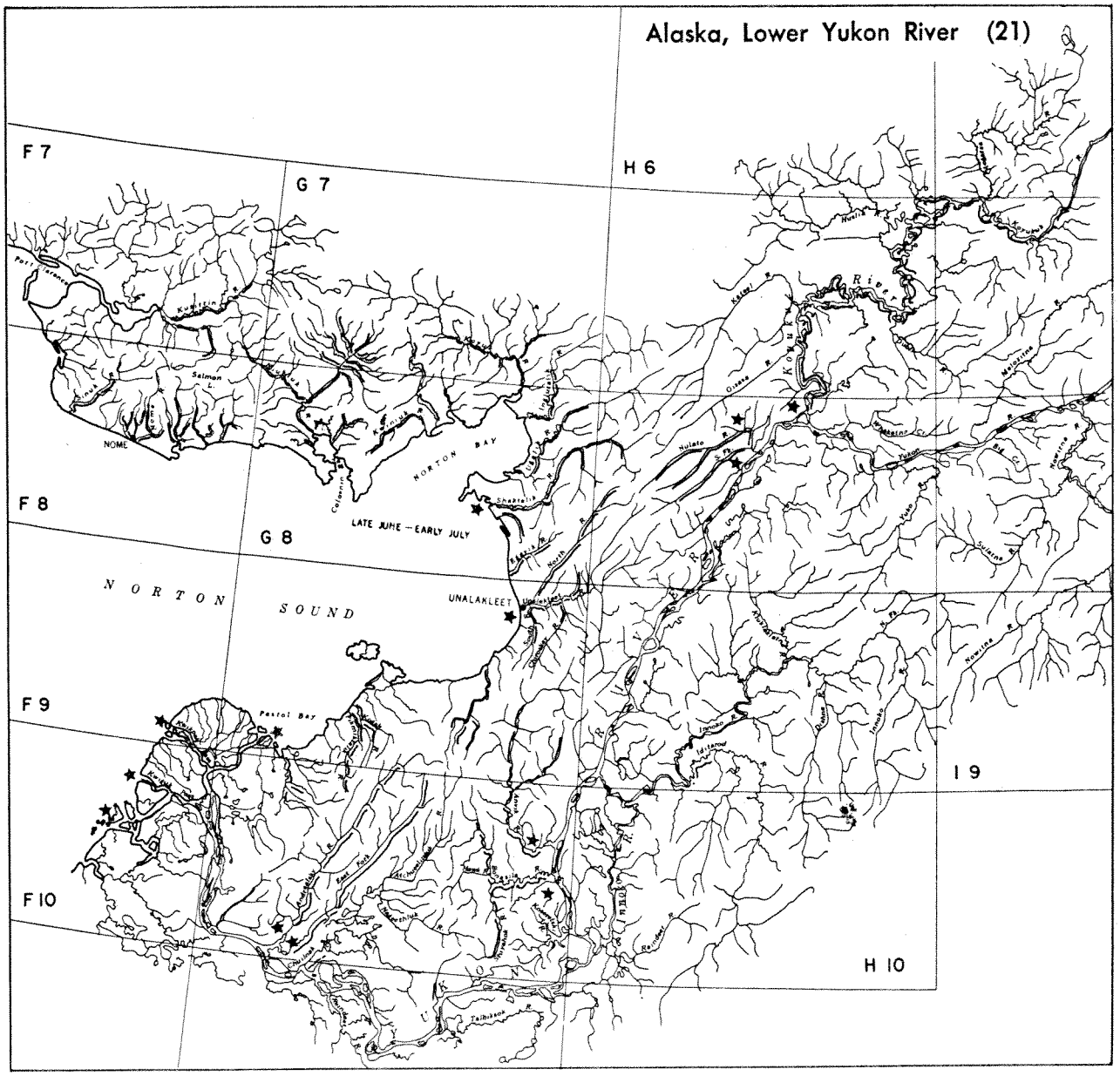

FIGURE 99. Spawning grounds of chum salmon in Western Alaska (Lower Yukon River, Norton Sound).

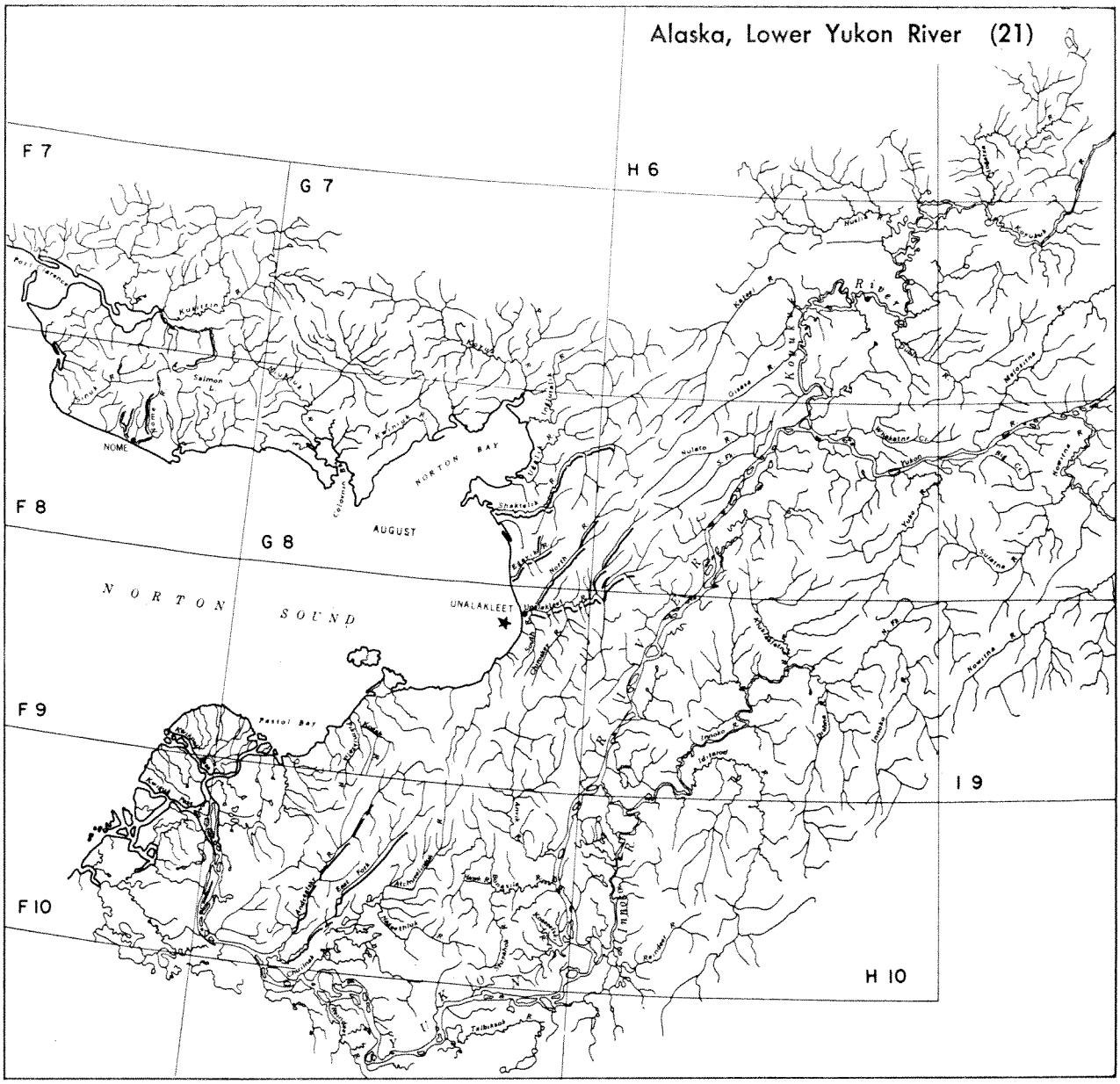

FIGURE 100. Spawning grounds of coho salmon in Western Alaska (Lower Yukon River, Norton Sound).

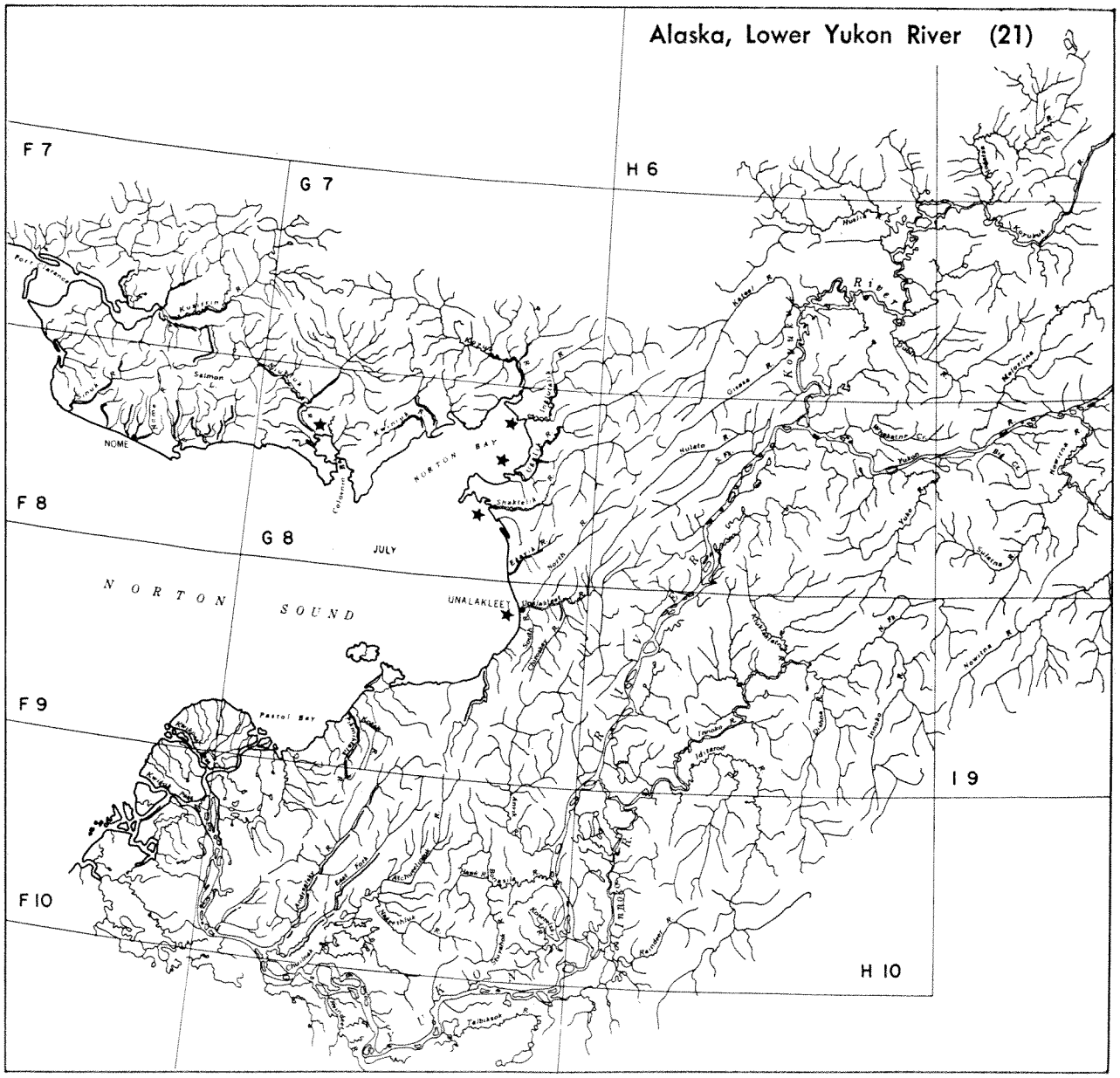

FIGURE 101. Spawning grounds of pink salmon in Western Alaska (Lower Yukon River, Norton Sound).

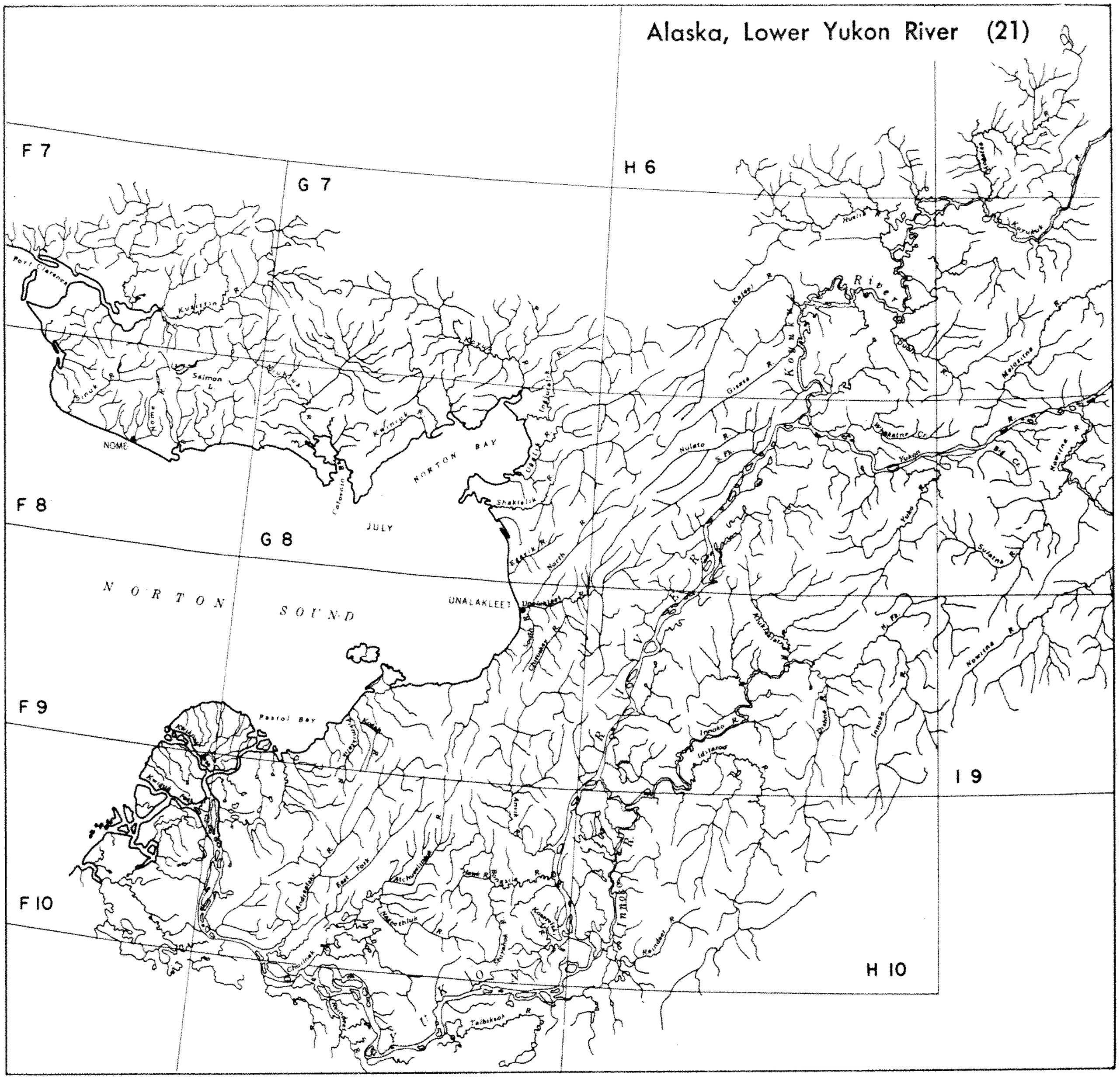

FIGURE 102. Spawning grounds of sockeye salmon in Western Alaska (Lower Yukon River, Norton Sound).

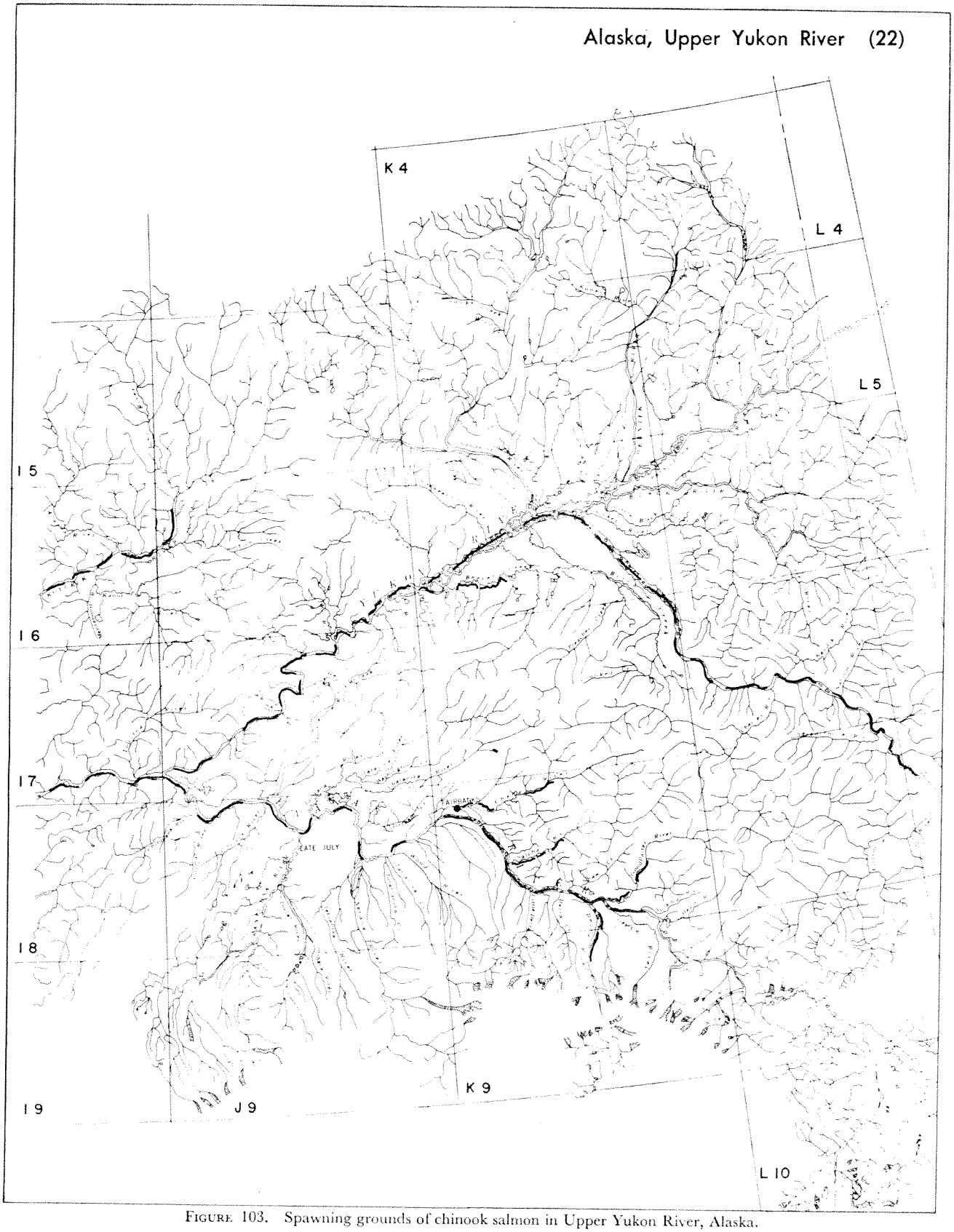

FIGURE 103. Spawning grounds of chinook salmon in Upper Yukon River, Alaska.

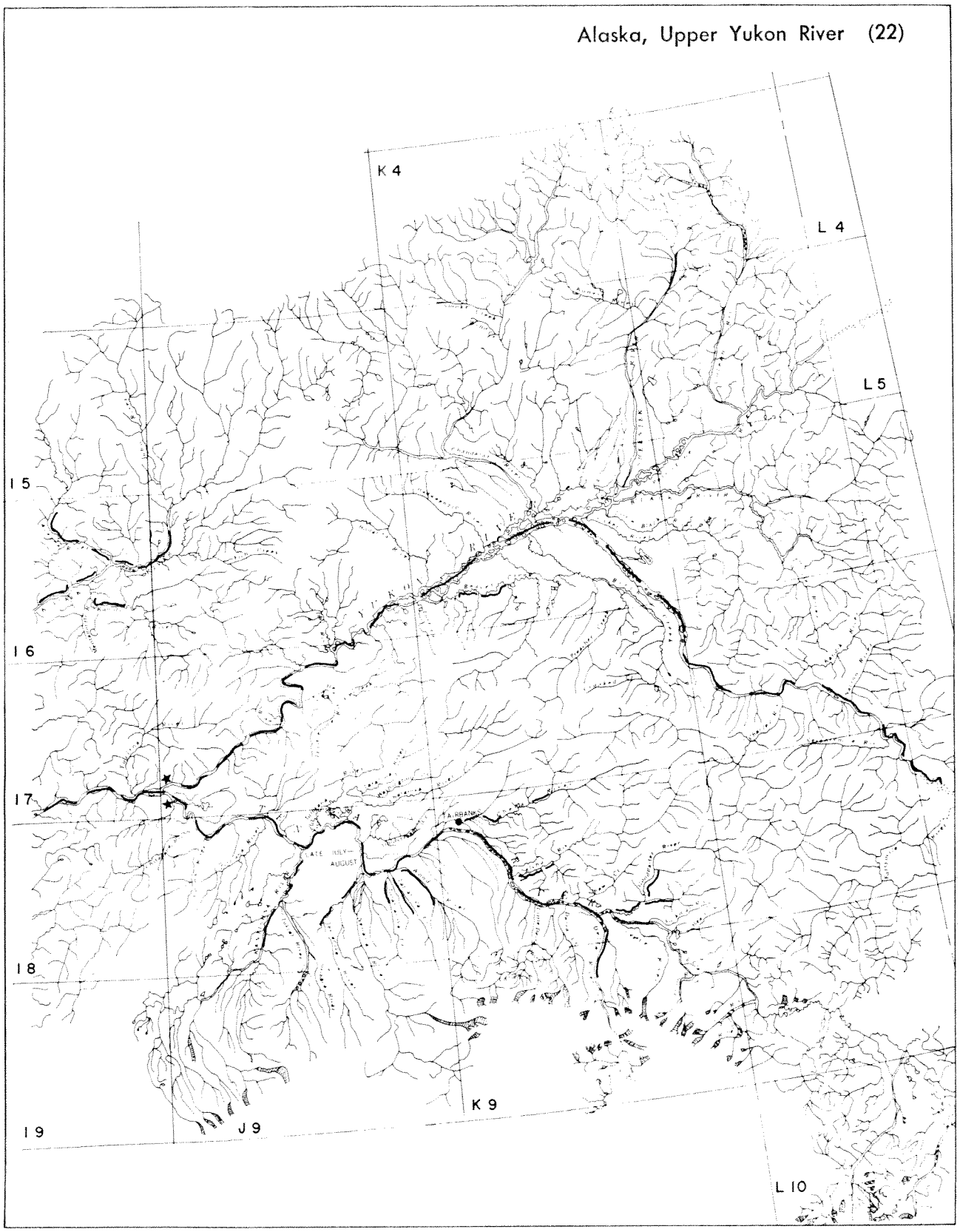

FIGURE 104. Spawning grounds of chum salmon in Upper Yukon River, Alaska.

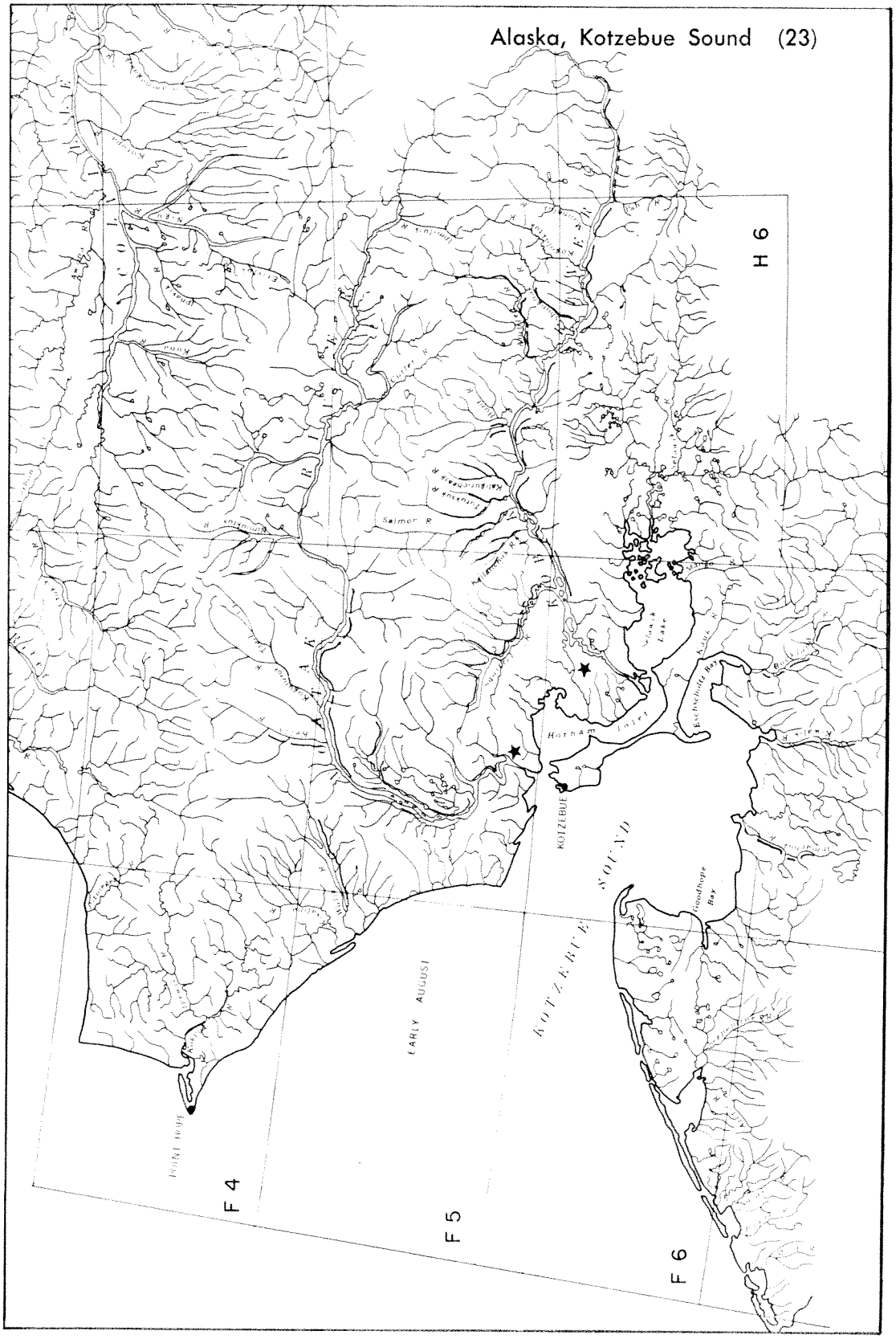

FIGURE 105. Spawning grounds of chum salmon in Western Alaska (Kotzebue Sound).

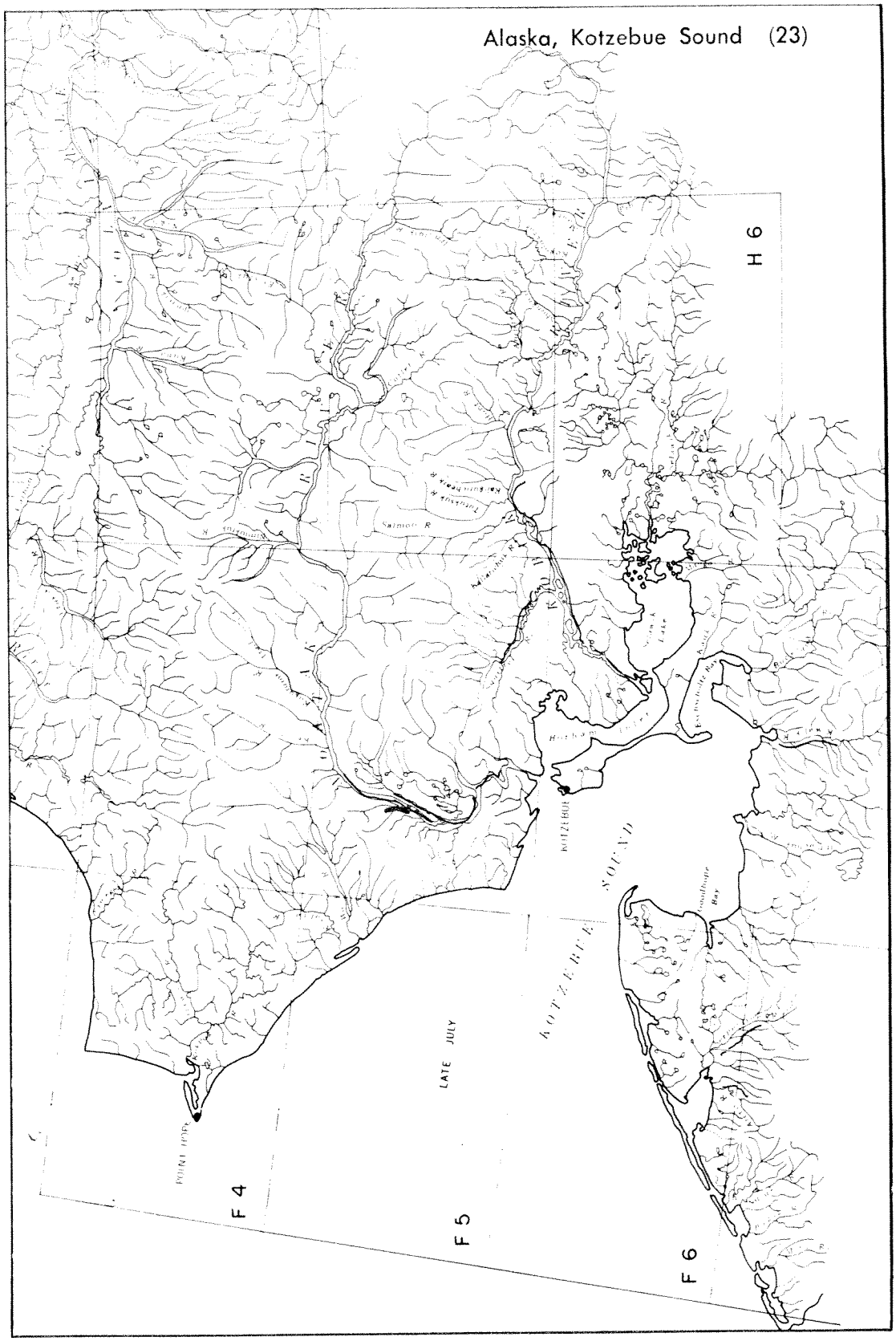

FIGURE 106. Spawning grounds of pink salmon in Western Alaska (Kotzebue Sound).

FIGURE 107. Spawning grounds of sockeye salmon in Western Alaska (Kotzebue Sound).

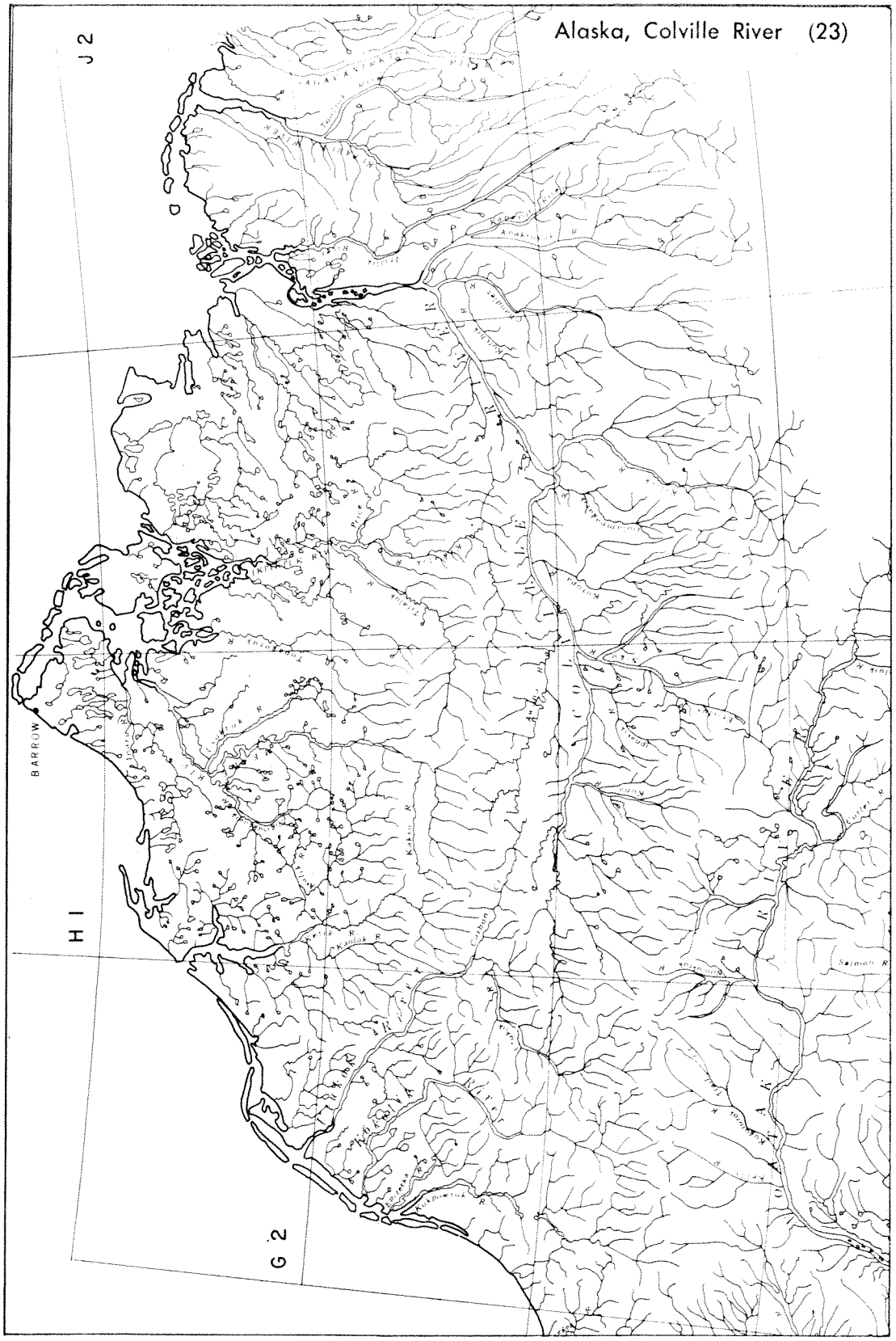

FIGURE 108. Streams of the Arctic Coast of Alaska (Colville River). Chum and pink salmon have been reported in Arctic Coast streams, few data are available on location of spawning grounds.

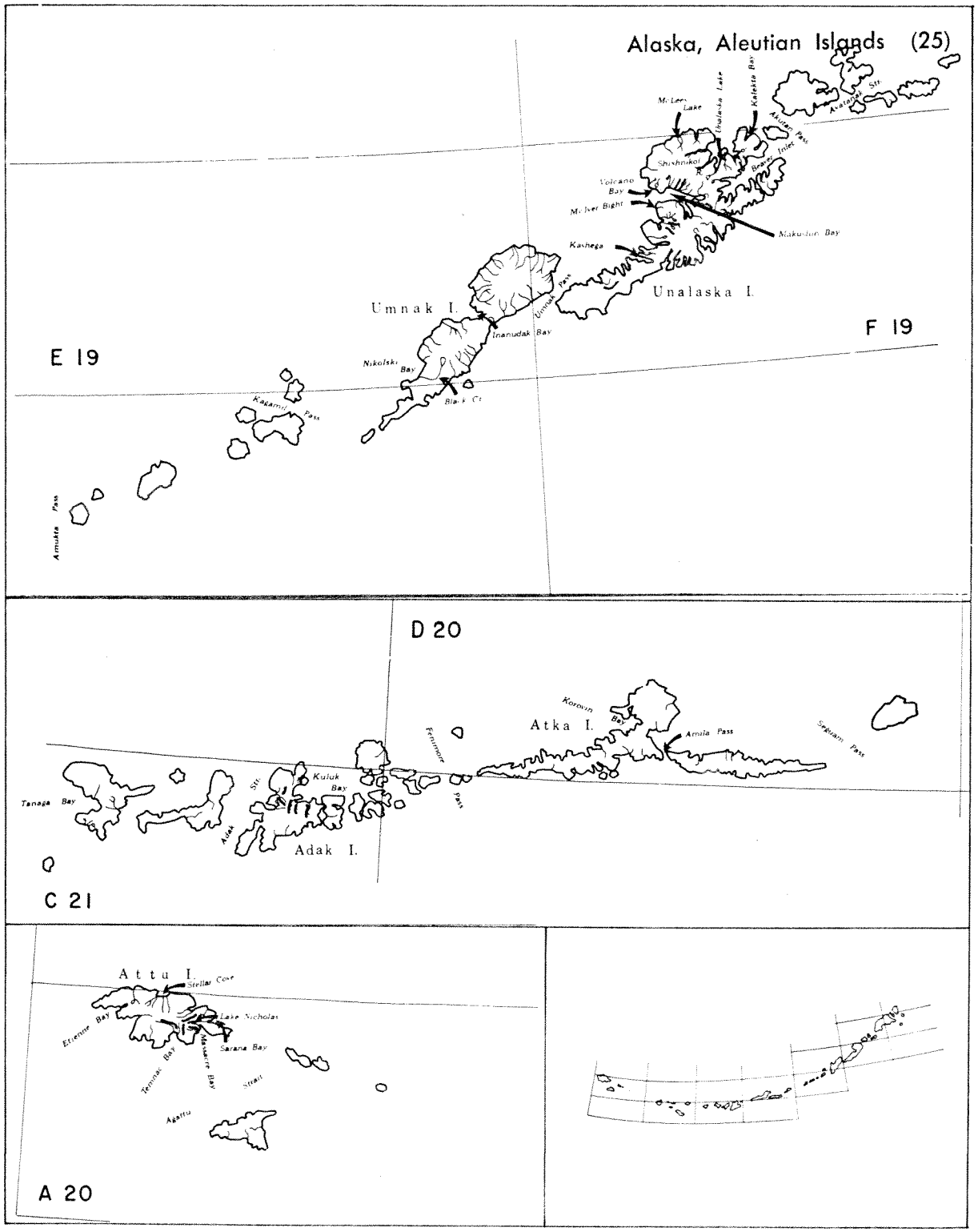

FIGURE 109. Spawning grounds of pink salmon in Western Alaska (Aleutian Islands).

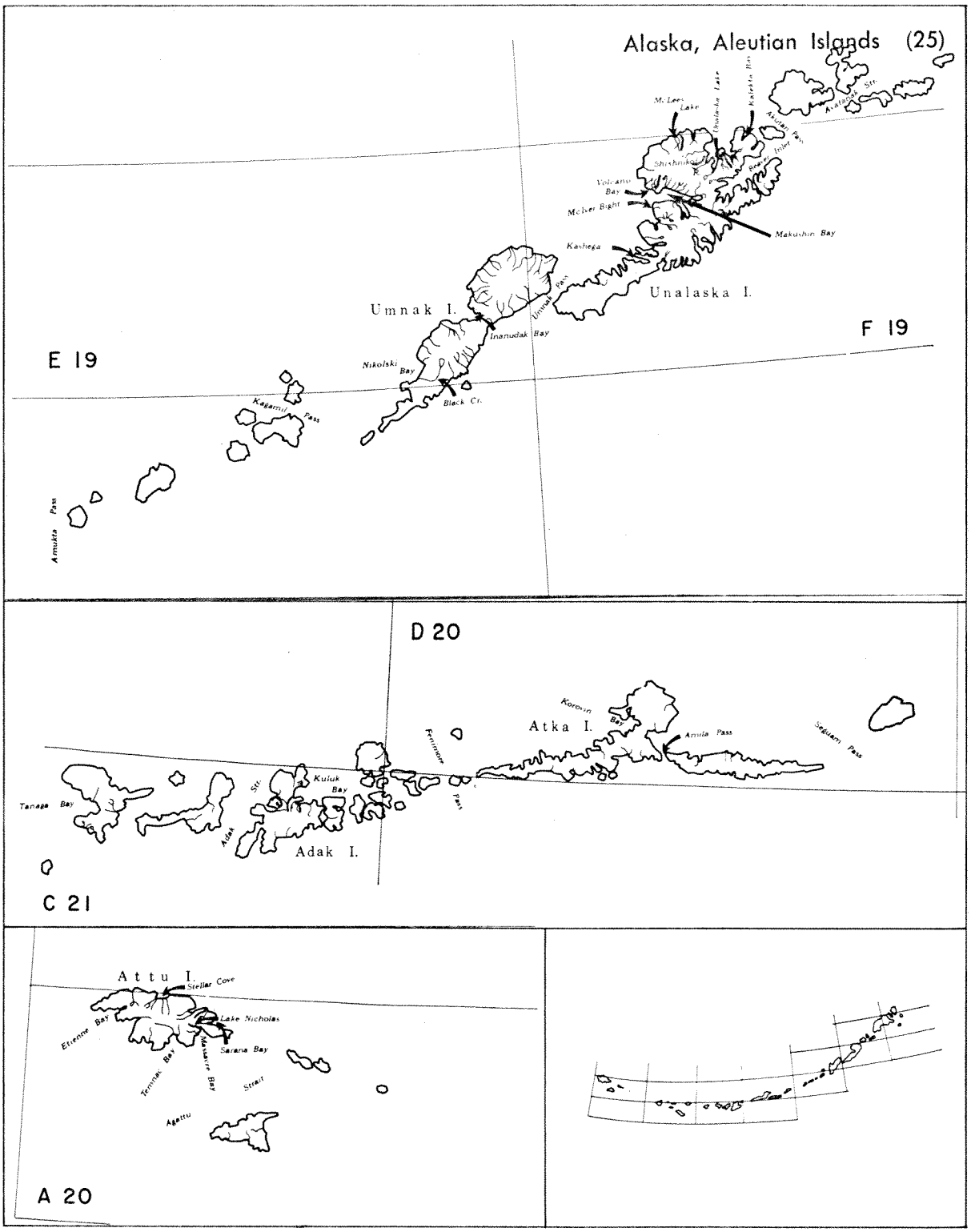

FIGURE 110. Spawning grounds of sockeye salmon in Western Alaska (Aleutian Islands).

APPENDIX I

ALPHABETICAL INDEX TO RIVERS, LAKES, STREAMS, ETC.

"Location" refers to subareas of Figure 2 and grid coordinates of Figure 3 (see Tables 3 and 4 for summaries); (—) for subarea indicates that the stream is not identified on the maps. Numbers assigned to Alaskan streams are shown; these are cross-indexed in Appendix II where unnamed Alaskan streams are listed.

Name	State	Location
Aaron Cr.	Alas. WR6	(7) O-16
Abernathy Cr.	Wash.	(4) Q-26
Abiquo Cr.	Oreg.	(—) Q-27
Adak I. streams	Alas.	(25) C-21
Adams Cr.	Wash.	(—) Q-26
Addison Cr. (Attu I.)	Alas.	(25) A-20
Admiralty Cr.	Alas. E10A	(11) N-14
Afognak Riv.	Alas. 14K	(18) I-14
Agiapuk Riv.	Alas.	(—) F-7
Agulowak Riv.	Alas.	(—) H-13
Agulukpak Riv.	Alas.	(—) H-13
Ahrnklin Riv.	Alas.	(14) M-13
Aiken Cr.	Alas. K137	(—) N-17
Akalura Lake (Kodiak)	Alas.	(—) I-15
Akwe Riv.	Alas.	(14) M-13
Alagnak Riv.	Alas.	(20) H-I-13
Alatna Riv.	Alas.	(22) I-6
Alava Cr.	Alas. K67	(7) N-17
Alder Cr.	Alas.	(—) I-15
Alder Cr.	Alas. WR97	(8) N-16
Alder Cr.	Oreg.	(—) R-28
Alder Cr.	Wash.	(—) Q-24
Alec Riv.	Alas.	(—) H-16
Alec Flyum Cr. (Iliamna Lake)	Alas.	(—) I-13
Alecks Cr.	Alas. E44D	(—) N-16
Aleknagik Lake and streams (Wood River)	Alas.	(—) H-13
Alexander Cr. and Lake	Alas.	(—) J-11
Alexi Cr.	Alas.	(20) I-13
Alfred Cr.	Alas.	(—) H-16
Alfred Cr.	Alas.	(16B) K-11
Allen Cr.	Alas. 37	(—) K-12
Allen Riv. and Lake	Alas.	(—) H-12
Allison Cr.	Alas. 135	(15*) K-11
Alpine Cr.	Calif.	(—) Q-34
Alsea Riv.	Oreg.	(2) P-Q-28
Alsek Riv. and Lake	Alas.	(14) M-12-13
Alturas Lake	Idaho	(—) S-29
Amakdedori Cr.	Alas.	(16C) I-13
Amanka Lake	Alas.	(20) H-13
Ambler Riv.	Alas.	(23) H-5
American Cr.	Alas.	(—) I-14
American Riv.	Alas.	(—) F-7
American Riv.	Alas. 20K	(18) I-15
American Riv.	Calif.	(1) Q-34
American Riv.	Wash.	(—) Q-26
Amherst Riv.	Alas. 320	(15*) K-11
Anaktuvuk Riv.	Alas.	(23*) J-3-4
Anan[1] Cr.	Alas. WR15	(7) O-16
Anan Bay Cr.	Alas. WR14	(—) O-16
Anchor Cr.	Alas. K51	(—) O-16
Anchor Riv.	Alas.	(16A) J-13
Anchorage Cr.	Alas. 271	(—) K-12
Anderson Cr.	Alas. 667	(—) J-12
Anderson Cr.	Wash.	(—) Q-24
Andreafsky Riv.	Alas.	(21) G-10
Andrew Cr.	Alas. WR3-1	(7) N-16
Aniak Riv.	Alas.	(20*) H-11
Aniakchak Riv.	Alas.	(—) H-16
Ankau Cr.	Alas.	(14) M-13
Ano Nuevo Cr.	Calif.	(—) Q-35
Antelope Cr.	Calif.	(1) Q-32
Antlen Riv.	Alas.	(14) M-13
Antler Riv.	Alas.	(12) N-14
Anton Larson Cr.	Alas. 106K	(18) I-15
Anvik Riv.	Alas.	(21) G-10
Apollo Cr.	Alas.	(—) G-17
Applegate Riv.	Oreg.	(2) Q-30
Arctic Riv.	Alas.	(23) F-6-7
Arolik Lake	Alas.	(20) G-13
Ashton Cr.	Alas. 668	(—) J-12
Ashton Cr.	Wash.	(—) Q-24
Asotin Cr.	Wash.-Oreg.	(—) R-26
Atchueelinguk Riv.	Alas.	(21) G-10
Auburn Cr.	Oreg.	(—) R-28
Audrey Cr.	Alas. 695	(—) K-12
Auke Lake	Alas.	(12) N-14
Aurel Lake (Kodiak)	Alas.	(—) I-15
Avalik Riv.	Alas.	(23*) H-2-3
Avery Riv.	Alas. 314	(—) K-11
Awuna Riv.	Alas.	(23*) H-I-3
"B" Cr.	Alas.	(—) I-15
Babcock Cr.	Alas.	(16A) J-13
Bacabara Cr.	Alas.	(—) H-15
Backyard Cr.	Alas. 224	(—) K-12
Badger Cr.	Alas. K25	(—) O-17
Badger Cr.	Oreg.	(—) Q-28

[1] Shown as "Ana" on map.

Continued ...

APPENDIX I. Continued.

Name	State	Location
Baggage Riv.	Alas.	(—) M-3
Bainbridge Cr.	Alas. 630	(—) J-12
Baker Cr.	Oreg.	(—) P-30
Baker Riv.	Wash.	(—) Q-24
Bakewell Cr.	Alas. K33	(—) O-17
Banzer Cr.	Alas. 96	(—) K-12
Barabara Cove Cr.	Alas. 103K	(18) I-15
Baralof Harbor Cr.	Alas.	(—) G-17
Barbara Cr.	Alas.	(—) H-16
Bare Cr.	Alas. 126K	(—) I-15
Barling Riv.	Alas. 46K	(18) I-15
Barnes Cr.	Alas. 697	(—) K-12
Barnes Lake	Alas.	(—) N-16-17
Barrie Cr.	Alas. WR65	(10) N-16
Barrier Cr.	Alas. K44-4	(7) O-17
Bartlett Riv.	Alas. I27	(13) N-14
Basin Cr.	Alas. K44-	(—) O-17
Bates Cr.	Alas. 833	(—) K-12
Bates Lake and Riv.	Alas.	(—) M-12
Battle Cr.	Calif.	(1) Q-32
Battle Riv.	Alas.	(—) I-13
Baumann's Cr.	Alas. 102K	(18) I-15
Bay of Isles Cr.	Alas.	(—) I-14
Bayside Cr.	Calif.	(—) P-Q-32
Beach Riv.	Alas. 775	(15*) K-12
Beagle Cr.	Oreg.	(—) R-28
Beanard Cr.	Alas.	(—) K-11
Bear Cr.	Alas.	(—) H-15
Bear Cr. (Iliamna Lake)	Alas.	(—) I-13
Bear Cr.	Alas.	(16A) J-12
Bear Cr.	Alas. E10	(11) N-14
Bear Cr.	Alas. I17A	(—) N-15
Bear Cr.	Alas. WC61	(—) N-16
Bear Cr.	Calif.	(—) Q-32
Bear Cr.	Idaho	(—) S-26
Bear Cr.	Oreg.	(—) P-29
Bear Cr.	Oreg.	(—) Q-28
Bear Cr.	Oreg.	(—) Q-30
Bear Cr.	Wash.	(—) Q-25
Bear Cr.	Wash.	(—) R-26
Bear Cr.	Wash.	(—) Q-27
Bear Lake and Riv.	Alas.	(19) G-16-17
Bear Lake	Alas.	(16A) J-12
Bear Cape Cr.	Alas. 816	(—) K-12
Bear Stand Cr.	Alas.	(16A) J-12
Beartrap Riv.	Alas. 48	(—) K-12
Bear Valley Cr.	Idaho	(—) S-28
Beaver Cr.	Alas.	(—) F-8
Beaver Cr.	Alas.	(—) I-12
Beaver Cr.	Alas.	(—) I-14
Beaver Cr.	Alas.	(16A) J-13
Beaver Cr.	Alas.	(22) K-6
Beaver Cr.	Alas. 807	(—) K-12
Beaver Cr.	Alas. WC15	(8) N-17
Beaver Cr.	Alas. K80	(7) O-17
Beaver Cr.	Oreg.	(—) P-28
Beaver Cr.	Oreg.	(—) Q-26
Beaver Cr.	Oreg.	(—) Q-28
Beaver Cr.	Oreg.	(—) Q-28
Beaver Cr.	Oreg.	(6) R-27
Beaver Cr.	Wash.	(—) Q-26
Beaver Lake	Alas.	(—) I-12
Beaver Lake	Alas.	(—) J-11
Beaver Riv.	Alas.	(—) K-6
Becharof Cr. and Lake	Alas.	(18) H-I-14-15
Belinda Cr. (Iliamna Lake)	Alas.	(—) I-13
Bell Cr.	Alas. K81	(7) O-17
Beluga Lake and Riv.	Alas.	(16B) J-11
Bench Mark Cr.	Alas. 213	(—) K-11
Benzeman Lake	Alas.	(9) N-16
Bering Lake and Riv.	Alas.	(15) K-12
Bernard Cr.	Alas. 861	(—) K-12
Berners Riv.	Alas.	(12) N-14
Bertrand Cr.	Wash.	(—) Q-24
Bert's Cr.	Alas.	(—) H-15
Bettles Riv.	Alas. 422	(—) J-12
Beverley Lake and streams (Wood Riv.)	Alas.	(—) H-13
Big Cr. (Wide Bay)	Alas.	(18) H-15
Big Cr.	Alas.	(21) I-8
Big Cr.	Alas.	(—) I-14
Big Cr.	Alas. WR52	(10) N-16
Big Cr.	Alas. WR101	(—) N-16
Big Cr.	Calif.	(—) Q-35
Big Cr.	Idaho	(—) S-27
Big Cr.	Oreg.	(—) P-Q-29-30
Big Cr.	Oreg.	(4) Q-26
Big Cr.	Oreg.	(—) R-28
Big Cr.	Oreg.	(—) R-28
Big Cr.	Wash.	(—) P-25
Big Lake	Alas.	(16B) J-11
Big Riv.	Alas. 108K	(18) I-14
Big Riv.	Calif.	(1) Q-33
Big Riv.	Wash.	(—) P-24
Big Fall Cr.	Oreg.	(—) Q-29
Big Goat Cr.	Alas. K39	(7) O-17
Big Indian Riv.	Alas.	(16B) J-12
Big John Cr.	Alas. E34A	(—) N-16
Big Kitoi Lake Cr.	Alas. 8K	(18) I-14
Big Mud Riv.	Alas.	(—) I-8
Big Pistol Cr.	Idaho	(—) S-28
Big Salmon Riv.	Alas.	(—) N-11
Big White Salmon[2] Riv.	Wash.	(4) Q-27
Bill Cr.	Oreg.	(—) P-29
Billies Hole	Alas. 218	(—) K-12
Billings Riv.	Alas. 438	(—) J-12
Billy Cr.	Alas.	(16B) K-11
Bingham Cr.	Wash.	(—) Q-25
Birch Cr.	Alas.	(—) J-10

[2] Shown as "White Salmon R." on map.

Continued ...

APPENDIX I. Continued.

Name	State	Location
Birch Cr.	Alas.	(22) K-6-7
Bird Cr.	Alas.	(16B) J-11-12
Birthday Cr.	Alas.	(—) H-16
Bishop Cr. (Balboa Bay)	Alas.	(19) G-17
Bishop Cr. and Lake	Alas.	(16B) J-12
Bjorne Cr.	Alas. 665	(15*) K-12
Black Cr.	Alas.	(25) E-19
Black Cr. (Ugashik Lake)	Alas.	(—) H-15
Black Cr. and Lake	Alas.	(19) H-16
Black Cr.	Alas. 107	(—) K-12
Black Cr.	Alas. K27	(—) O-17
Black Lake	Wash.	(—) Q-25
Black Riv.	Alas.	(22) K-L-6
Black Riv.	Alas.	(—) M-15
Black Riv.	Wash.	(—) Q-26
Black Bear Cr.	Alas. 276	(—) K-12
Black Bear Cr.	Alas. K66	(7) N-17
Black Hills Cr.	Alas.	(19) G-17
Blackstone Cr.	Alas. 451	(—) J-12
Bladgett Lakes	Alas.	(16B) J-11
Bligh Cr.	Alas. 108	(15*) K-12
Blind Slough	Alas.	(—) N-16
Blue Cr. (Ugashik Lake)	Alas.	(—) H-15
Blue Cr.	Calif.	(—) Q-31
Blue Lake	Alas.	(16C) I-12
Blue Lake	Alas.	(—) L-12
Blue Riv.	Oreg.	(—) Q-28
Blue Bill Lake	Alas.	(—) G-17
Blueberry Cr.	Alas.	(19) H-16
Blue Stone Cr.	Alas.	(—) F-7
Bluff Cr.	Alas. 868	(—) K-12
Boardwalk Cr.	Alas. 104	(—) K-12
Bogachiel Riv.	Wash.	(3) P-25
Bogus Mt. Cr.	Calif.	(1) Q-31
Boise Cr.	Wash.	(—) Q-25
Boise Riv.	Idaho	(6) R-29
Bonasila Riv.	Alas.	(21) G-10
Borodkin Cr.	Alas. 100	(—) K-12
Bostwick Cr.	Alas. K114	(7) O-17
Boulder Cr.	Alas.	(16B) J-11
Boulder Cr.	Alas. K40	(—) O-17
Boulder Cr.	Oreg.	(—) Q-28
Boulder Cr.	Wash.	(—) Q-24
Boundary[3] Cr.	Alas.	(12) N-14
Bow Cr.	Alas.	(16C) I-13
Bowser Cr.	Alas.	(16C) I-13
Bradfield Riv., N. and E.	Alas. WR11 and WR12	(7) N-16
Bradley Riv.	Alas.	(16A) J-13
Breakwater Cr.	Alas. K17	(—) O-18
Bremner Riv.	Alas.	(15) K-L-11-12
Bridge Cr.	Alas. 105	(—) K-12
Brizgaloff Cr.	Alas. 623	(—) J-12
Brooks Cr. (Nos. 1 and 2) (Brooks Lake)	Alas.	(—) H-14

[3] Shown as "Boundry" on map.

Name	State	Location
Brooks Lake and Riv.	Alas.	(18) H-I-14
Brown Cr.	Alas.	(16C) I-13
Brown Cr.	Alas. 103	(—) K-12
Brown Bear Cr.	Alas. 821	(—) K-12
Brown's Lagoon Cr.	Alas. 93K	(18) I-15
Buckland Riv.	Alas.	(23) G-6-7
Bumping Riv.	Wash.	(5) Q-26
Bunker Cr.	Wash.	(—) Q-26
Burnt Riv.	Oreg.	(—) R-28
Buschmann Cr.	Alas. K22-1	(—) O-17
Bush Cr.	Alas. K112	(—) O-17
Bush Cr.	Idaho	(—) S-26
Bushby Cr.	Alas. 113	(15*) K-12
Buskin Cr.	Alas. 17K	(18) I-15
Buster Cr.	Alas. WR98	(8) N-16
Butte Cr.	Calif.	(1) Q-33
Butte Cr.	Oreg.	(—) Q-27
Butte Cr.	Oreg.	(—) Q-30
Butte Cr.	Oreg.	(—) R-27
"C" Cr. (Ugashik Lake)	Alas.	(—) H-15
Cabin Cr. (Iliamna Lake)	Alas.	(—) I-13
Cabin Cr.	Alas. 747	(—) K-12
Cabin Cr.	Alas. K169	(8) N-17
Cabin Cr.	Alas. K35	(7) O-17
Calapooya Riv.	Oreg.	(4) Q-28
Calaveras Riv.	Calif.	(—) Q-34
Calder Cr.	Alas. WR93	(8) N-16
Caldera Cr.	Alas. WC29	(—) N-17
California Cr.	Wash.	(—) Q-24
Calvert Cr.	Alas. 661	(—) J-12
Camas Cr.	Idaho	(—) S-28
Camp Cr. (Iliamna Lake)	Alas.	(—) I-13
Camp Cr.	Oreg.	(—) Q-28
Camp Cr.	Oreg.	(—) R-28
Campbell Cr.	Alas.	(16B) J-11
Campbell Cr.	Alas. 299	(15*) K-12
Camp Taylor Cr.	Alas. WC57[4]	(8) N-16
Canine Cr.	Alas. K9	(7) O-18
Caniro Lake (Attu I.)	Alas.	(25) A-20
Cannery Cr.	Alas. 241	(—) K-11
Cannery Cr.	Alas.	(—) N-14
Cannery Cr.	Alas. K152	(—) N-17
Cannery Cr.	Alas. K7	(—) O-18
Cannery Bay Cr. (Unalaska I.)	Alas.	(25) F-19
Cannery Station Cr.	Alas. 78K	(18) I-15
Canning Cr.	Alas.	(—) K-2-3
Canoe Cr.	Alas. 850	(—) K-12
Canoe Riv.	Alas. 27	(19) G-17
Canyon Cr.	Alas.	(—) F-7-8
Canyon Cr. (Iliamna Lake)	Alas.	(—) I-13
Canyon Cr. (Karluk Lake)	Alas.	(—) I-15
Canyon Cr.	Alas.	(16B) J-12

[4] Shown as "WR57" on map.

Continued ...

APPENDIX I. Continued.

Name	State	Location
Canyon Cr.	Alas. 279	(—) K-12
Canyon Cr.	Wash.	(—) Q-24
Canyon Lake	Alas.	(20) G-13
Captain Cr.	Alas. 827	(—) K-12
Car Cr. (Iliamna Lake)	Alas.	(20) I-13
Carbon Cr.	Alas.	(23*) H-3
Carbon Cr.	Alas.	(16B) J-11
Carbon Riv.	Wash.	(—) Q-25
Caribou Cr.	Alas.	(16B) K-11
Caribou Riv. and tributaries	Alas.	(19) G-17
Carlana Cr.	Alas. K90A	(—) O-17
Carlsen Cr.	Alas. 54	(—) K-12
Carmel Cr. (Kodiak)	Alas.	(—) I-15
Carmel Riv.	Calif.	(—) Q-36
Carmen Lake and streams	Alas.	(—) J-12
Carp Cr.	Alas. K30	(—) O-17
Carpenter Cr.	Alas.	(16B) J-11
Carr Cr.	Alas. 766	(—) K-12
Carroll Riv.	Alas. K99	(7) O-17
Carter Cr.	Alas.	(—) J-12
Cascade Cr. (Karluk Lake)	Alas.	(—) I-15
Cascade Cr.	Alas. E7C	(10) N-15
Cascade Cr.	Wash.	(—) Q-25
Cascade Riv.	Alas. 285	(15*) K-12
Castle Cr.	Oreg.	(—) Q-30
Castle Riv.	Alas. WR61	(10) N-16
Cat Cr. (Brooks Lake)	Alas.	(—) H-14
Catching Cr.	Oreg.	(—) P-Q-29
Cateract Cr.	Alas. 49	(—) K-12
Cathead Cr.	Alas. 699	(—) K-12
Cathedral Riv.	Alas.	(19) G-17
Cathedral Falls Cr.	Alas. E33	(10) N-16
Catherine Cr.	Oreg.	(6) R-27
Cedar Cr.	Alas. 299a	(—) K-12
Cedar Cr.	Oreg.	(—) Q-27
Cedar Cr.	Oreg.	(—) Q-27
Cedar Cr.	Wash.	(—) Q-25
Cedar Cr.	Wash.	(—) Q-26
Cedar Cr.	Wash.	(—) Q-26
Cedar Cr.	Wash.	(—) Q-27
Cedar Cr.	Wash.	(—) Q-27
Cedar Riv.	Wash.	(3) Q-25
Chakachamna Lake	Alas.	(16C) I-11
Chakachatna Riv.	Alas.	(16C) I-J-11
Chakina Riv.	Alas.	(—) L-11
Chakok Riv.	Alas.	(16A) J-13
Chalmers Riv.	Alas. 741	(15*) K-12
Chambers Cr.	Wash.	(—) Q-25
Chandalar Riv.	Alas.	(22) K-4-5-6
Chandler Riv.	Alas.	(23*) J-3
Charlene Cr. (Naknek Lake)	Alas.	(—) I-14
Charley Riv.	Alas.	(22) L-7
Charlies Cr.	Wash.	(—) Q-26
Chase Riv.	Alas. 23	(—) K-12
Chatanika Riv.	Alas.	(22) J-K-7
Chauekuktuli Lake	Alas.	(20) H-12
Checats Cr.	Alas. K38	(7) O-18
Chehalis Riv.	Wash.	(3) Q-26
Chekok Cr. (Iliamna Lake)	Alas.	(—) I-13
Chelatna Lake	Alas.	(17) J-10
Chena Riv.	Alas.	(22) K-8
Chenega Cr.	Alas. 628	(—) J-12
Chenik Cr. and Lake	Alas.	(16C) I-13
Cherry Cr.	Oreg.	(—) Q-29
Chetco Riv.	Oreg.	(—) P-30
Chewak Riv.	Wash.	(4) Q-24
Chew's Cr. (Naknek Lake)	Alas.	(—) H-14
Chichagof Bay creeks	Alas.	(—) G-17
Chichantna Riv.	Alas.	(—) J-11
Chickaloon Riv.	Alas.	(16B) J-11
Chickaloon Riv.	Alas.	(16B) J-12
Chickamin Riv.	Alas. K44	(7) 0-17
Chickeman Cr.	Wash.	(—) Q-25
Chicken Cr.	Alas. 675	(—) K-12
Chicken Cr.	Alas. I14A	(11) N-14
Chicken Cr.	Oreg.	(—) R-28
Chickitnak Riv.	Alas.	(—) H-12
Chico Cr.	Calif.	(1) Q-33
Chignik Lake and Riv.	Alas.	(19) H-16
Chikuminuk Lake	Alas.	(20) H-12
Chilchitna Riv.	Alas.	(—) H-12
Chilcoot Cr.	Oreg.	(—) Q-29
Chilikadrontna Riv.	Alas.	(20) I-12
Chilkat Riv.	Alas. W1	(13) N-13
Chilkoot Riv.	Alas. W2	(13) N-13
Chilligan Riv.	Alas.	(16C) I-11
Chimevisky Lagoon	Alas. 495	(15*) J-12
China Cr.	Oreg.	(—) P-29
Chinkelyes Cr. (Iliamna Lake)	Alas.	(—) I-13
Chiroskey Riv.	Alas.	(21) G-9
Chistochina Riv.	Alas.	(15) K-10
Chitanana Riv.	Alas.	(22) I-J-8
Chitina[5] Riv.	Alas.	(15) K-L-11
Chiwaukan Cr.	Wash.	(—) Q-25
Chiwawa Riv.	Wash.	(5) Q-25
Chokotonk Riv.	Alas.	(20) I-12
Chowchilla Riv.	Calif.	(—) Q-35
Chuck Riv.	Alas. E3	(10) N-15
Chuckanut Cr.	Wash.	(—) Q-24
Chuilnak Riv.	Alas.	(21) G-10-11
Chuit Riv.	Alas.	(16B) J-11
Chulitna Riv. (Lake Clark)	Alas.	(—) I-12
Chulitna Riv.	Alas.	(—) J-10

[5] Shown as "Chitna" on map.

Continued ...

APPENDIX I. Continued.

Name	State	Location
Chunilna Cr.	Alas.	(—) J-10
Cinder Riv.	Alas.	(18) H-15
Cinder Riv.	Alas.	(—) I-13
Cispus Riv.	Wash.	(—) Q-26
Clackamas Riv.	Oreg.	(4) Q-27
Clallam Cr.	Wash.	(—) P-24
Clam Cr.	Alas. WC7	(—) N-17
Clam Beach Cr.	Alas. 703	(—) K-13
Clamdigger's Cr.	Alas. 862	(—) K-12
Clark Bay creeks	Alas.	(—) G-17
Clark Cr.	Oreg.	(—) R-28
Clark Lake	Alas.	(20) I-12
Clatskanie Riv.	Oreg.	(4) Q-26-27
Claw Cr.	Alas. 632	(—) J-12
Claw Peak Cr.	Alas.	(—) J-12
Clear Cr.	Alas.	(15) K-L-12
Clear Cr.	Alas. K48-	(—) O-17
Clear Cr.	Calif.	(1) Q-31
Clear Cr.	Oreg.	(—) Q-27
Clear Cr.	Oreg.	(—) Q-27
Clear Cr.	Wash.	(—) Q-24
Clear Riv.	Alas. W41	(9) N-15
Clearwater Cr.	Alas. K44-5	(—) 0-17
Clearwater Cr.	Wash.	(—) Q-24
Clearwater Riv., and North, Middle, and South Forks	Idaho-Wash.	P-Q-25, (3, 6) R-S-26, S-27
Cle Elum Riv.	Wash.	(—) Q-25
Clemence Cr.	Alas. 516	(—) J-12
Cleo Cr. (Becharof Lake)	Alas.	(—) I-15
Cliff House Cr.	Alas.	(16A) J-12
Clock Cr.	Alas. 297	(—) K-12
Cloquallum Riv.	Wash.	(—) Q-26
Cloudman Cr.	Alas. 111	(—) K-12
Clover Cr.	Alas. K157	(—) N-17
Coal Cr. (Herendeen Bay)	Alas.	(19) G-17
Coal Cr.	Alas.	(16B) J-11
Coal Cr.	Oreg.	(—) P-30
Coal Cr.	Oreg.	(—) Q-27
Coal Cr.	Wash.	(—) Q-26
Coal Cr. Lake	Alas.	(16B) J-11
Cobb Cr.	Alas. K22-2	(—) O-17
Cochrane Cr.	Alas. 461	(—) J-12
Coco Cr.	Alas. WC24	(8) N-17
Coffee Cr.	Alas.	(—) J-10
Coffman Cr.	Alas. WR108	(8) N-17
Coghill Lake and Riv.	Alas. 322	(—) K-11
Coho Cr.	Alas. 65	(15*) K-12
Coho Cr.	Alas. K44-1	(—) O-17
Colawah Riv., and North and South Forks	Wash.	(—) P-25
Coleen Riv.	Alas.	(22) L-5
Coleman Cr. (Balboa Bay)	Alas.	(19) G-17
Coleman Riv.	Alas.	(—) L-5
Collawash Riv.	Oreg.	(—) Q-27
Columbia Cr.	Alas. 205	(15*) K-12
Columbia Riv. (mouth)	Oreg.-Wash.	(4) Q-26
Colville Lake and creeks	Alas.	(18) I-14
Colville Riv. (mouth)	Alas.	(23*) J-2
Comfort Cr.	Alas. 46	(—) K-12
Comstock Cr.	Alas. 504	(—) J-12
Confusion Cr.	Alas. 130	(15*) K-11
Constant Lake	Alas.	(—) C-21
Constantine Cr.	Alas. 815	(15*) K-12
Control Cr.	Alas. 52	(—) K-12
Cook Cr.	Alas. 828	(—) K-12
Cooper Cr. and Lake	Alas.	(16A) J-12
Coos Riv., and West Fork	Oreg.	(2) P-Q-29
Copalis Riv.	Wash.	(3) P-25
Copper Cr. and Lake	Alas.	(15) L-10
Copper Cr.	Alas. WC13	(—) N-17
Copper Riv. (Iliamna Lake)	Alas.	(20) I-13
Copper Riv.	Alas.	(15) K-10-11-12, L-10
Coquille Riv., and East, Middle, North and South Forks	Oreg.	(2) P-Q-29-30
Cories Lake (Attu I.)	Alas.	(25) A-20
Cork's Cr.	Alas.	(—) N-16
Cosna Riv.	Alas.	(22) J-8
Cosumnes Riv.	Calif.	(1) Q-34
Cottonwood Cr. (Karluk Lake)	Alas.	(—) I-15
Cottonwood Cr. and Lake	Alas.	(16B) J-11
Cottonwood Cr.	Calif.	(1) Q-32
Cottonwood Cr.	Idaho	(—) R-S-26
Countess Cr.	Alas. 637	(—) J-12
Cove Cr.	Alas. 442	(—) J-12
Covington Cr.	Wash.	(—) Q-25
Cow Cr.	Alas. K79	(7) O-17
Cow Cr.	Calif.	(1) Q-32
Cow Cr.	Oreg.	(2) Q-30
Cowee Riv.	Alas.	(12) N-14
Coweman Riv.	Wash.	(4) Q-26
Cowlitz Riv.	Wash.	(4) Q-26
Cow Pen Cr.	Alas. 242	(—) K-11
Crab Cr.	Alas. K111	(7) O-17
Crabtree Cr.	Oreg.	(4) Q-28
Craig Cr.	Calif.	(—) Q-31
Cranberry Cr.	Alas.	(—) H-13
Cranberry Cr.	Wash.	(—) Q-25
Crater Lake Cr.	Alas. 9	(—) K-12
Crescent Cr.	Alas.	(—) J-12
Crescent Riv.	Alas. 318	(—) K-11
Cripple Cr.	Alas.	(—) F-8
Cripple Cr.	Alas.	(—) J-10

Continued. ...

APPENDIX I. Continued.

Name	State	Location
Crittenden Cr.	Alas. WR4	(7) N-16
Crooked Cr.	Alas.	(22) K-7
Crooked Cr.	Alas.	(—) J-12
Crooked Cr. (Ugashik Lake)	Alas.	(—) H-15
Crooked Cr.	Alas. 145	(15*) K-11
Crooked Cr.	Idaho	(—) S-27
Crooked Riv.	Oreg.	(4) Q-28
Culross Cr.	Alas. 479	(—) J-12
Curran Cr.	Alas. 760	(15*) K-12
Currant Cr. (Lake Clark)	Alas.	(—) I-12
Cutler Riv.	Alas.	(23) H-5
Cutthroat Cr.	Alas. 95	(—) K-12
Dago Cr.	Alas.	(18) H-15
Dago Frank's Cr.	Alas.	(—) H-16
Dairy Cr.	Oreg.	(4) Q-27
Dakavak Cr.	Alas. 119K	(18) I-14
Dakli Riv.	Alas.	(—) H-6-7
Dakota Cr.	Wash.	(—) Q-24
Dall Cr.	Alas. K117B	(7) O-17
Dall Riv.	Alas.	(22) J-6
Danger Cr.	Alas. 10K	(18) I-14
Dangerous Riv.	Alas.	(14) M-13
Dan's Cr.	Alas. 836	(—) K-12
Daves Cr.	Alas.	(16A) J-12
Davies Riv.	Alas.	(12) N-14
Davis Riv.	Alas.	(7) O-17
Day Cr.	Wash.	(—) Q-24
Dayville Cr.	Alas. 134	(—) K-11
Deadman Cr.	Calif.	(—) Q-31
Deadman Riv.	Alas. 74K	(18) I-15
Deep Cr.	Alas.	(16A) J-12-13
Deep Cr.	Alas. 865	(—) K-12
Deep Cr.	Alas. E47[6]	(9) N-16
Deep Water Cr.	Alas. 491	(—) J-12
Deer Cr. (Ugashik Lake)	Alas.	(—) H-15
Deer Cr.	Alas. 817	(—) K-12
Deer Cr.	Alas. WC16	(—) N-17
Deer Cr.	Calif.	(—) Q-31
Deer Cr.	Calif.	(1) Q-32-33
Deer Cr.	Idaho	(—) S-27
Deer Cr.	Oreg.	(—) R-28
Deer Cr., and North Fork	Wash.	(—) Q-24-25
Deer Valley Cr. (Herendeen Bay)	Alas.	(19) G-17
Delarof Harbor Cr.	Alas.	(—) G-17
Delight Cr.	Alas.	(16A) J-13
Delta Cr.	Alas.	(22) K-8-9
Delta Riv.	Alas.	(22) K-8-9
Dement Cr.	Oreg.	(—) P-30
Dennis Cr. (Iliamna Lake)	Alas.	(—) I-13
Derickson Cr.	Alas. 289	(—) K-12

[6] Shown as "47" on map.

Name	State	Location
Derilict Cr.	Alas. 871	(—) K-12
Deschutes Riv.	Oreg.	(4) Q-27-28
Deschutes Riv.	Wash.	(3) Q-25-26
Deshka Lake and Riv.	Alas.	(17) J-10-11
Des Moines Cr. (Wide Bay)	Alas.	(18) H-15
Devilfish Cr.	Alas. WC66	(8) N-16
Devils Cr.	Alas.	(—) J-12
Dick Cr.	Alas.	(15) K-12
Dickeman Cr.	Alas.	(—) N-17
Dickey Lake and Riv.	Wash.	(—) P-24-25
Dicky Lake	Alas.	(15) K-10
Dillon Beach Cr.	Calif.	(—) Q-34
Dirty Cr. (Naknek Lake)	Alas.	(—) I-14
Disappearance Cr.	Alas. K150	(8) N-17
Discher Cr.	Alas. 502	(—) J-12
Dishna Riv.	Alas.	(21) H-9-10
Dixie Cr.	Oreg.	(—) R-28
Dog Bay Cr.	Alas. 41K	(18) I-15
Dog Salmon Cr.	Alas. 77K	(18) I-15
Dog Salmon Cr.	Alas. 806	(—) K-12
Dog Salmon Cr.	Alas. WC40	(8) N-17
Dog Salmon Cr.	Alas. K167	(—) N-17
Dog Salmon Riv.	Alas.	(18) H-15
Dog Salmon Riv.	Alas.	(—) I-16
Dohn Cr.	Alas.	(14) M-13
Donaldson Cr.	Alas. 120	(—) K-12
Dolomi Cr.	Alas. K139	(8) N-17
Dora Cr.	Alas. K148	(—) N-17
Dosewallips Riv.	Wash.	(3) Q-25
Double Cr.	Alas. 831	(—) K-12
Doubtful Cr.	Alas. 651	(—) J-12
Douglas Cr.	Alas.	(16C) I-13
Drano Lake	Wash.	(—) Q-27
Dream Cr. (Gibraltar Lake)	Alas.	(—) I-13
Drift Riv.	Alas.	(16C) I-12
Dry Cr.	Alas.	(—) H-16
Dry Cr.	Alas. 754	(—) K-12
Dry Cr.	Oreg.	(—) P-30
Dryden Cr.	Oreg.	(—) Q-30
Dubli Riv.	Alas.	(—) H-7
Duck Riv.	Alas. 116	(—) K-12
Duckabush Riv.	Wash.	(3) Q-25
Dudidonto Riv.	Alas.	(—) O-14
Dumpling Cr. (Nos. 1-4) (Naknek Lake)	Alas.	(—) I-14
Duncan Cr. and Lake	Alas.	(—) J-10
Duncan Cr.	Alas. WR58	(10) N-16
Dundas Riv.	Alas.	(13) M-14
Dungeness Riv.	Wash.	(3) Q-24-25
Dunuletak Cr.	Alas.	(16C) I-13
Durkee Cr.	Alas.	(28) K-12
Durkee Cr.	Oreg.	(—) R-28
Duwammish Riv.	Wash.	(—) Q-25
"E" Cr. (Ugashik Lake)	Alas.	(—) H-15

Continued ...

APPENDIX I. Continued.

Name	State		Location
Eagle Cr.	Alas.	825	(15*) K-12
Eagle Cr.	Alas.	WR109	(8) N-17
Eagle Cr.	Calif.		(—) Q-33
Eagle Cr.	Oreg.		(4) Q-27
Eagle Cr.	Oreg.		(—) Q-27
Eagle Cr.	Oreg.		(6) R-28
Eagle Riv.	Alas.		(16B) J-11
Eagle Riv.	Alas.		(12) N-14
Eagle Riv.	Alas.	WR13	(7) O-16
Eagle Bay Cr., NE. and NW. (Iliamna Lake)	Alas.		(20) I-13
Eagle Harbor Cr.	Alas.	31K	(18) I-15
Eaglek Riv.	Alas.	281	(—) K-12
Earn Riv.	Alas.		(—) N-10
East Riv.	Alas.		(—) M-13
East Finger Cr.	Alas.	484	(—) J-12
East LaGorce Cr. (Naknek Lake)	Alas.		(—) I-14
East Twin Cr.	Alas.	294	(15*) K-12
Eaton Cr.	Alas.	W12A	(—) N-15
Eccles Cr.	Alas.	5	(—) K-12
Edna Cr.	Alas.	WC74	(—) N-17
Eek Riv.	Alas.		(20) G-12
Eek Lake Cr.	Alas.	WC17	(8) N-17
Eel Riv., and East, Middle, North and South Forks	Calif.		(1) P-Q-32-33
Egavik Riv.	Alas.		(21) G-8
Egegik Riv. (Egegik Bay)	Alas.		(18) H-14
Eickelberg Cr.	Alas.	221	(—) K-12
Eklutna Cr. and Lake	Alas.		(16B) J-11
Elbow Cr.	Alas.	105K	(18) I-15
El Capitan Cr.	Alas.	WC60	(—) N-16
Eleshansky Cr.	Alas.	510	(—) J-12
Elk Cr.	Calif.		(1) Q-33
Elk Cr.	Idaho		(—) R-26
Elk Cr.	Oreg.		(—) P-29
Elk Cr.	Oreg.		(2) Q-27
Elk Cr.	Oreg.		(—) Q-27
Elk Cr.	Oreg.		(—) Q-29
Elk Cr.	Oreg.		(—) Q-30
Elk Cr.	Wash.		(—) Q-26
Elk Riv.	Oreg.		(2) P-30
Elkhorn Cr.	Wash.		(—) Q-26
Elkhorn Riv.	Wash.		(—) Q-26
Ella Cr.	Alas.	K72	(7) O-18
Elliott Cr.	Oreg.		(—) Q-27
Elokomin Riv.	Wash.		(3, 4) Q-26
Elwha Riv.	Wash.		(3) Q-24-25
Emerald Cr.	Alas.	201	(—) K-12
Emerald Cr.	Alas.	WR20	(7) N-17
English Cr.	Alas.	803	(—) K-12
English Cr.	Calif.		(—) Q-31
English Bay Cr. and Lakes	Alas.		(16A) J-13
Ennis Cr.	Wash.		(—) Q-24
Entiat Riv.	Wash.		(5) Q-24-25
Entry Cove Cr.	Alas.	434	(—) J-12
Epizetka Riv.	Alas.		(23*) G-3
Erb Cr.	Alas.	604	(—) J-12
Eshamy Riv.	Alas.	511	(—) J-12
Esker Cr.	Alas.		(—) M-13
Esther Riv.	Alas.	336	(—) J-12
Estrella Cr.	Alas.	WC28	(—) N-17
Etches Cr.	Alas.	811	(—) K-12
Etivluk Riv.	Alas.		(23*) H-4
Etna Cr.	Calif.		(—) Q-31
Euchre Cr.	Oreg.		(—) P-30
Eulachon Cr.	Alas.	K48-1	(7) O-16
Evans Cr.	Alas.	664	(—) K-12
Evans Cr.	Oreg.		(—) Q-30
Evans Cr.	Wash.		(—) Q-26
Ewan Cr.	Alas.	603	(—) J-12
"F" Cr. (Ugashik Lake)	Alas.		(—) H-15
FAA Cr.	Alas.	870	(15*) K-12
Fall Cr.	Alas.		(—) J-K-12
Fall Cr.	Alas.	673	(—) K-12
Fall Cr.	Alas.	WR55	(10) N-16
Fall Cr.	Oreg.		(4) Q-29
Fall Cr.	Wash.		(—) Q-26
Fall Riv.	Wash.		(3) Q-26
Falls Cr. (Karluk Lake)	Alas.		(—) I-15
Falls Cr.	Alas.		(—) N-16
False Cr. (Iliamna Lake)	Alas.		(—) I-13
Farragut Riv.	Alas.	E7	(10) N-15
Fawcett Cr.	Oreg.		(—) Q-27
Feather Riv.	Alas.		(—) F-8
Feather Riv., and South, Middle and North Forks	Calif.		(1) Q-33-34
Featherly Cr. (Becharof Lake)	Alas.		(—) H-15
Ferebee Riv.	Alas.		(13) N-13
Fidalgo Riv.	Alas.	86	(—) K-12
Fillmore Riv.	Alas.	K8	(7) O-18
Finch Cr.	Wash.		(—) Q-25
Fingerling Cr. (Naknek Lake)	Alas.		(—) H-14
Finney Cr.	Wash.		(—) Q-24
Finski Cr.	Alas.	298	(15*) K-12
Fish Cr.	Alas.		(22) J-6
Fish Cr. and Lake	Alas.		(—) J-10
Fish Cr.	Alas.		(16B) J-11
Fish Cr.	Alas.		(16B, 17) J-11
Fish Cr.	Alas.		(16A) J-13
Fish Cr.	Alas.		(15) K-9
Fish Cr.	Alas.	89	(—) K-12
Fish Cr.	Alas.	E9C	(12) N-14
Fish Cr.	Alas.	E10G	(12) N-14
Fish Cr.	Alas.	K1-1	(—) O-17
Fish Cr.	Alas.	K103	(—) O-17

Continued ...

APPENDIX I. Continued.

Name	State	Location
Fish Cr.	Calif.	(—) Q-31
Fish Lake	Alas.	(—) K-9
Fisn Riv.	Alas.	(—) G-7-8
Fisher Cr.	Oreg.	(—) Q-28
Fishery Cr.	Alas. W48	(11) N-15
Fishery Cr.	Calif.	(—) Q-31
Fishtrap Cr.	Wash.	(—) Q-24
Fitz Cr.	Alas.	(16C) I-13
Fitzgibbon Cr.	Alas. K46A	(—) O-17
Fivemile Cr.	Alas. E31D	(—) N-15
Flannigan Cr.	Alas.	(—) N-14
Flat Cr.	Alas. K11A	(—) O-18
Fleming Cr.	Alas. 8	(—) K-12
Fletcher Cr.	Alas. 225	(—) K-12
Flicker Cr.	Alas. WR96	(—) N-16
Floras Cr.	Oreg.	(—) P-30
Fools Cr.	Alas. WR25	(7) N-16
Forks Cr.	Wash.	(—) Q-26
Fort Jones Cr.	Calif.	(—) Q-31
Fortymile Riv.	Alas.	(22) L-8
Fox Cr.	Alas.	(16A) J-13
Fox Cr.	Alas. 110	(—) K-12
Fox Cr.	Oreg.	(—) Q-27
Fox Riv.	Alas.	(16A) J-13
Fracture Cr.	Alas.	(19) H-16
Frank's Cr. (Becharof Lake)	Alas.	(—) H-15
Frank's Cr.	Alas. WR8	(7) O-16
Frank's Lagoon	Alas.	(—) G-16
Frazer Lake (Kodiak)	Alas.	(—) I-15
Frederick Cr.	Alas. K133	(—) N-17
French Cr.	Wash.	(—) Q-24-25
French Pete Cr.	Oreg.	(—) Q-28
Friday Cr.	Alas.	(16B) J-11
Friday Cr.	Wash.	(—) Q-24
Fritz Cr.	Alas.	(—) J-13
Frosty Cr.	Alas.	(—) G-17
Frosty Cr.	Alas. WR16	(—) N-16
Funnel Cr.	Alas.	(—) I-13
Funny Riv.	Alas.	(—) J-12
Gable Cr.	Wash.	(—) Q-26
Gakona Riv.	Alas.	(15) K-10
Gales Cr.	Oreg.	(—) Q-27
Game Cr.	Alas. I16	(11) N-14
Garcia Riv.	Calif.	(1) Q-34
Garden Cr.	Alas. 810	(15*) K-12
Garwood Cr.	Wash.	(—) Q-26
Gate Cr.	Oreg.	(—) Q-28
Gazos Cr.	Calif.	(—) Q-35
Gechiak Cr. and Lake	Alas.	(—) G-13
George Cr.	Alas.	(—) A-20
Germany Cr.	Wash.	(—) Q-26
Gerstle Riv.	Alas.	(22) K-8-9
Gibbon Cr.	Alas. 789	(15*) K-12
Gibbon Cr.	Wash.	(—) Q-26
Gibraltar Cr. and Lake	Alas.	(20) I-13
Gilbert Cr.	Alas. 464	(—) J-12
Gilmour Cr.	Alas. 148	(—) K-11
Gines Cr.	Alas.	(14) M-13
Gisasa Riv.	Alas.	(21) H-7
Glacial Riv.	Alas. W41A	(9) N-15
Glacier Cr.	Wash.	(—) Q-24
Glacier Riv.	Alas.	(—) J-12
Gladhough Cr.	Alas. 106	(—) K-12
Gladys Riv.	Alas.	(—) N-13
Glenlyon Riv.	Alas.	(—) N-10
Goat Cr.	Alas.	(—) L-10
Gold Cr.	Alas.	(—) J-10
Gold Cr.	Alas. 149	(—) K-11
Golden Lagoon	Alas. 310	(15*) J-K-12
Golden Riv.	Alas. 311	(—) K-12
Goldsborough Cr.	Wash.	(—) Q-25
Goldstream Cr.	Alas.	(22) J-8
Goodnews Lake	Alas.	(20) G-13
Goodnews Riv.	Alas.	(20) G-13
Goodpaster Riv.	Alas.	(22) K-8
Goose Cr.	Calif.	(1) Q-31
Grace Cr.	Alas. WC21	(8) N-18
Grace Cr. and Lake	Alas. K75	(7) O-17
Grande Ronde[7] Riv.	Oreg.	(6) R-27
Grandy Cr.	Wash.	(—) Q-24
Granite Cr. (Iliamna Lake)	Alas.	(20) I-13
Granite Cr.	Alas.	(16B) J-11
Granite Cr.	Alas. 227	(—) K-12
Granite Cr.	Alas. I15	(11) N-14
Granite Cr.	Alas. W25	(11) N-15
Granite Cr.	Alas.	(7) O-17
Grant Cr. and Lake	Alas.	(16A) J-12
Grant Cr.	Alas. K49	(7) O-16
Grant Riv. (Wood Riv.)	Alas.	(—) H-13
Grass Cr. (Herendeen Bay)	Alas.	(19) G-17
Grassy Point Cr. (Karluk Lake)	Alas.	(—) I-15
Grave Cr.	Oreg.	(—) Q-30
Gravel Cr.	Alas.	(16B) K-11
Gravelly Cr.	Alas. K184-1	(—) N-17
Graveyard Cr.	Alas. 756	(—) K-12
Gravina Riv.	Alas. 50	(15*) K-12
Gravina Point Cr.	Alas. 40	(15*) K-12
Grayling Cr.	Alas.	(—) K-11
Grays Riv.	Wash.	(3, 4) Q-26
Grecian Lake and Riv.	Alas.	(16C) I-12
Green Cr.	Alas. 788	(15*) K-12
Green Riv.	Wash.	(3) Q-25
Green Riv.	Wash.	(4) Q-26
Greenhorn Cr.	Wash.	(—) Q-26
Greens Cr.	Alas. W44	(11) N-14
Greenview Cr.	Calif.	(—) Q-31

[7] Shown as "Grand Ponde" on map.

Continued

APPENDIX I. Continued.

Name	State	Location
Greenwater Riv.	Wash.	(—) Q-25
Gregorioff Cr.	Alas. 123	(—) K-11
Gretchen Cr. (Afognak I.)	Alas.	(—) I-14
Greystone Cr.	Alas. 490	(15*) J-12
Griffin Cr.	Wash.	(—) Q-25
Grindle Cr. (Egegik system)	Alas.	(—) H-I-15
Grosvenor Cr. (Nos. 1-9)	Alas.	(—) I-14
Grosvenor Lake	Alas.	(18) I-14
Grosvenor Riv.	Alas.	(—) I-14
Gualala Riv.	Calif.	(1) Q-34
Gulkana Lake and Riv.	Alas.	(15) K-10
Gull Point Cr.	Alas. 30K	(18) I-15
Gumboot Cr.	Alas. 507	(—) J-12
Gun Cr.	Alas.	(15) K-9
Hackett Riv.	Alas.	(—) N-14
Hadweenzic Riv.	Alas.	(22) K-6
Halferty Cr.	Alas. 454	(—) J-12
Halfway Cr.	Alas.	(—) I-15
Halibut Cr.	Alas. K4	(7) O-17
Halibut Bay Cr.	Alas. 85K	(18) I-15
Halleck Riv.	Alas. K2	(7) O-17
Hallo Cr.	Alas. 112K	(18) I-14
Halverson Cr.	Alas. 656	(—) J-12
Hamilton Cr.	Alas. E33A	(10) N-16
Hamilton Cr.	Wash.	(—) Q-27
Hamma-Hamma Riv.	Wash.	(3) Q-25
Hana Cr.	Alas. 505	(15*) J-12
Hanaford Cr.	Wash.	(—) Q-26
Hanley Cr.	Alas. 489	(—) J-12
Hanna Lake	Alas.	(15) L-12
Hanning Cr.	Alas. 710	(15*) K-13
Hansen Cr.	Wash.	(—) Q-24
Hansen's Cr.	Alas.	(—) G-18
Happy Cr.	Calif.	(—) Q-31
Harding Riv.	Alas. WR10	(7) O-16
Hardscrabble Cr. (Grosvenor Lake)	Alas.	(—) I-14
Hardsen Cr. and Lake	Alas.	(—) I-14
Hardy Cr.	Alas. 834	(—) K-12
Harlequin Lake	Alas.	(14) M-13
Harley Cr.	Alas. W6A	(—) N-15
Harris Cr.	Alas.	(20) H-12-13
Harris Riv.	Alas. K176	(8) N-17
Harrison Cr.	Alas. 414	(—) J-12
Harry Cr.	Alas. K16	(7) O-18
Hartney Cr.	Alas. 2	(—) K-12
Harvey Cr.	Alas.	(—) N-10
Hasselborg Cr.	Alas. W52	(11) N-15
Hatchery Cr.	Alas. K54-1	(7) O-16-17
Hatlet Riv.	Alas.	(—) K-11
Hawk Riv.	Alas.	(21) G-10
Hawkins Cr.	Alas. 847	(—) K-12
Hayden Cr.	Alas. 677	(—) K-12
Hayden Cr.	Idaho	(—) S-28
Hayes Cr.	Oreg.	(—) P-30
Hayes Riv.	Alas.	(—) I-J-11
Hayes Riv.	Alas.	(—) N-O-13
Hayfork Riv.	Calif.	(1) Q-32
Headwater Cr. (Brooks Lake)	Alas.	(—) H-14
Healy Riv.	Alas.	(22) K-8
Heckman Cr.	Alas. K55D	(—) O-17
Helm Cr.	Alas. K58	(—) O-17
Heney Cr.	Alas. 4	(—) K-12
Henry Cr.	Calif.	(—) Q-35
Herman Cr.	Alas. K50	(—) O-16-17
Herman Cr.	Oreg.	(—) Q-27
Herring Cr.	Alas. 692	(—) K-12
Herring Cr.	Alas. K92	(—) O-17
Hess Cr.	Alas.	(22) J-7
Hessa Cr.	Alas. WC1	(—) N-18
Hetta Lake Cr.	Alas. WC12	(—) N-17
Hewitt Lake	Alas.	(17) J-11
Hicks Cr.	Alas.	(16B) K-11
Hidden Cr. (Naknek Lake)	Alas.	(—) H-14
Hidden Cr. (Brooks Lake)	Alas.	(—) I-14
Hidden Cr.	Alas.	(—) J-12
Hidden Cr.	Alas. 18	(—) K-12
Hidden Cr.	Alas.	(12) N-14
Hidden Cr.	Alas. K6	(7) O-17
Hidden Lake	Alas.	(16A) J-12
Hidden Basin Cr.	Alas. 27K	(18) I-15
High Cr. (Cinder Riv.)	Alas.	(—) I-13
High Falls Cr.	Alas.	(—) K-12
Hilda Cr.	Alas. E9B	(12) N-14
Himes Cr.	Wash.	(—) Q-25
Hobo Cr.	Alas. 417	(—) J-12
Hodanza Riv.	Alas.	(22) J-K-6
Hoffstadt Cr.	Wash.	(—) Q-26
Hogan Cr.	Alas. 681	(—) K-12
Hogatza Riv.	Alas.	(21) I-6
Hogg Cr.	Alas. 653	(—) J-12
Hoh Riv., and South Fork	Wash.	(3) P-Q-25
Hoholitna Riv.	Alas.	(20*) H-11
Hoko Riv.	Wash.	(3) P-24
Holbrook Cr.	Alas. WC70	(8) N-16
Holitna Riv.	Alas.	(20*) H-11
Holyoke Cr.	Alas. 327	(—) K-11
Hood Riv.	Oreg.	(4) Q-27
Hoodoo Lake	Alas.	(19) G-17
Hoquiam Riv.	Wash.	(—) Q-26
Hornbrook Cr.	Calif.	(—) Q-31
Horse Cr.	Oreg.	(—) Q-28
Horse Marine Cr.	Alas. 76K	(18) I-15
Horseshoe Cr.	Alas. 676	(—) K-12
Hourglass Lake	Alas.	(—) J-10
House Cr.	Oreg.	(—) P-30

Continued ...

APPENDIX I. Continued.

Name	State	Location
Hubbard Cr.	Alas. I25	(11) N-14
Hummer Cr.	Alas. 425	(15*) J-12
Humpback Cr.	Alas. I19	(11) N-14
Humpback Cr.	Alas. K21	(—) O-17
Humpie Cr.	Alas.	(—) N-15
Humptulips Riv.	Wash.	(3) Q-25
Humpy Cr.	Alas. 66K	(18) I-16
Humpy Cr.	Alas. 11	(—) K-12
Humpy Cr.	Alas. I10	(11) M-14
Humpy Cr.	Alas. K44-3	(—) O-17
Hunt Riv.	Alas.	(23) H-5
Hunter Cr.	Alas. WC2	(—) N-18
Hunters Cr.	Oreg.	(—) P-30
Hurtle Cr.	Alas.	(—) K-11
Huslia Riv.	Alas.	(21) H-7
Hutchinson Cr.	Wash.	(—) Q-24
Hydaburg Cr.	Alas. WC18	(8) N-17
Hyde Cr.	Alas. 866	(—) K-12
Icicle Cr.	Wash.	(5) Q-25
Iditarod Riv.	Alas.	(21) H-9-10
Igushik Riv.	Alas.	(20) H-13-14
Ikpikpuk Riv.	Alas.	(23*) I-2
Iliamna Lake and Riv.	Alas.	(20) I-13
Iliuk Cr. (Nos. 1-3) (Naknek Lake)	Alas.	(—) I-14
Illinois Riv.	Oreg.	(2) P-Q-30
Ilnik Cr.	Alas.	(—) H-16
Imnachuk Riv.	Alas.	(23) G-6-7
Imnaha Riv.	Oreg.	(6) R-27
Inaru Lake and Riv.	Alas.	(23*) H-1-2
Indecision Cr. (Mother Goose Lake)	Alas.	(—) H-15
Indian Cr.	Alas.	(16B) J-11-12
Indian Cr.	Alas.	(16A) J-12
Indian Cr.	Alas.	(—) K-10
Indian Cr.	Alas. 117	(—) K-12
Indian Cr.	Alas. W12	(—) N-15
Indian Cr.	Alas. K176-1	(—) N-17
Indian Cr.	Alas. K78	(—) O-17
Indian Cr.	Oreg.	(—) S-28
Indian Riv.	Alas. W67	(9) N-15
Ingalls Cr.	Wash.	(—) Q-25
Inglutalik Riv.	Alas.	(21) G-7-8
Iniskin Riv.	Alas.	(16C) I-13
Inklin Riv.	Alas.	(—) N-14
Innoko Riv.	Alas.	(21) H-9-10
Iowithla Riv.	Alas.	(20) H-13
Ipewik Riv.	Alas.	(23) F-4
Ipmiluik Riv.	Alas.	(23) H-5
Ipnavik Riv.	Alas.	(23*) H-4
Irion Cr.	Alas.	(—) J-10
Irion Cr.	Wash.	(—) Q-26
Irish Cr.	Alas. 76	(—) K-12
Irish Cr.	Alas. E34C	(10) N-16
Issaquah Cr.	Wash.	(3) Q-25
Italio Riv.	Alas.	(14) M-13
Itkillik[8] Riv.	Alas.	(23*) J-2-3
Ivan Riv.	Alas.	(—) J-11
Ives Cr.	Alas. K172	(—) N-17
Jack Durand Cr. (Iliamna Lake)	Alas.	(—) I-13
Jackman Cr.	Wash.	(—) Q-24
Jackolof Cr.	Alas.	(16A) J-13
Jack Pot Riv.	Alas. 608	(—) J-12
Jackson Cr.	Alas. 613	(—) J-12
Jackson Cr.	Oreg.	(—) Q-30
Jap Cr.	Alas. WR1	(10) N-16
Jean Cr. and Lake	Alas.	(16A) J-12
Jean Cr.	Alas. 50K	(18) I-15
Jeanie Cr.	Alas. 784	(—) K-13
Jenkins Cr.	Wash.	(—) Q-25
Jenner Riv.	Calif.	(—) Q-34
Jennings Riv.	Alas.	(—) N-O-13
Jim Cr.	Alas.	(16B) J-11
Jim Cr.	Alas. K63	(7) N-17
Jim Cr.	Wash.	(—) Q-24
Joe Cr.	Wash.	(—) P-25
John Riv.	Alas.	(22) I-J-5
John Day Riv., and North, Middle, and South Forks	Oreg.	(4) Q-27-28, R-28
John's Cr.	Wash.	(—) Q-25
John's Riv.	Wash.	(—) Q-26
Johnson Cr. (Balboa Bay)	Alas.	(19) G-17
Johnson Cr.	Alas.	(16A) J-12
Johnson Cr.	Alas. 655	(—) J-12
Johnson Cr.	Alas.	(12) N-14
Johnson Cr.	Alas. K127	(8) N-18
Johnson Cr.	Oreg.	(—) P-30
Johnson Cr.	Oreg.	(—) Q-27
Johnson Riv.	Alas.	(16C) I-12
Johnson Riv.	Alas.	(22) K-9
Johnson Riv.	Alas.	(12) N-14
Johnson Cove Cr.	Alas. 119	(—) K-12
Johnstone Cr.	Alas. 823	(—) K-12
Jonah Cr.	Alas. 258	(—) K-11
Jones Cr.	Wash.	(—) Q-24
Jordan Cr.	Oreg.	(—) Q-27
Juania Cr.	Alas. 818	(—) K-12
Judd Lake	Alas.	(17) J-11
Junction Cr.	Alas. 618	(—) J-12
Juneau Cr.	Alas.	(16A) J-12
Kadak Cr.	Alas. E36	(9) N-16
Kadashan Cr.	Alas.	(—) N-15
Kaflia Cr.	Alas. 116K	(18) I-14
Kaguyak Cr.	Alas. 62K	(18) I-16
Kahiltna Riv.	Alas.	(17) J-10-11
Kah Shakes Cr.	Alas. K19	(7) O-17
Kah Sheets Cr.	Alas. WR62	(10) N-16
Kaina Cr.	Alas.	(15) K-11

[8] Shown as "Itillik" on map.

Continued ...

APPENDIX I. Continued.

Name	State		Location
Kaiugnak Cr.	Alas.	51K	(18) I-15
Kake Cr.	Alas.	627	(—) J-12
Kake Cr.	Alas.		(—) N-16
Kakhonak Lake and Riv.	Alas.		(20) I-13
Kakhtul Riv.	Alas.		(20) H-13
Kaksu Riv.	Alas.		(23*) H-3
Kalakak Riv.	Alas.		(—) H-14
Kalama Riv.	Wash.		(4) Q-26
Kaliakh Riv.	Alas.		(15) L-12
Kaligurichеark Riv.	Alas.		(23) H-5
Kallarichuk Riv.	Alas.		(23) G-H-5
Kalsin Cr.	Alas.	21K	(18) I-15
Kalskag Riv.	Alas.		(—) G-11
Kamishak Riv.	Alas.		(16C) I-13-14
Kanayut Riv.	Alas.		(23*) J-3
Kandik Riv.	Alas.		(22) L-7
Kanektok Riv.	Alas.		(20) G-13
Kantishna Riv.	Alas.		(22) J-8
Kanuti Riv.	Alas.		(22) I-6
Kaolak Riv.	Alas.		(23*) H-3
Karluk Lake and Riv.	Alas.	88K	(18) I-15
Karta Riv.	Alas.	K178	(8) N-17
Kashaiak Riv. and Lake	Alas.		(—) G-13
Kashegelok Riv.	Alas.		(—) H-12
Kashowrush Riv.	Alas.		(—) M-12
Kashunuk Riv.	Alas.		(20*) F-11
Kashvik Cr.	Alas.	125K	(18) I-15
Kashwitna Riv.	Alas.		(—) J-11
Kasilof Riv.	Alas.		(16A) J-12
Kaskanak Cr.	Alas.		(20) H-I-13
Kasook Lake Cr.	Alas.	WC25	(8) N-17
Kateel Riv.	Alas.		(21) H-7
Katelnikoff Cr.	Alas.	112	(—) K-12
Katlian Riv. (Katlian[9] Bay)	Alas.	W65A	(—) N-15
Katnu Riv.	Alas.		(16C) I-12
Katzehin Riv.	Alas.		(13) H-13
Kauk Riv.	Alas.		(23) G-6
Kaydas Cr.	Alas.	150	(15*) K-11
Kearney Cr.	Wash.		(—) Q-26
Kegan Cr.	Alas.	K136	(—) N-17
Kejulik Riv. (Egegik System)	Alas.		(—) I-15
Kelly Cr.	Idaho		(—) S-26
Kelly Riv.	Alas.		(23) G-5
Kenai Lake and Riv.	Alas.		(16A) J-12
Kenibuma Cr. and Lake	Alas.		(—) I-11
Kennedy Cr.	Wash.		(—) Q-25
Kenny Cr.	Alas.	841	(15*) K-12
Keta Cr.	Alas.	83	(—) K-12
Keta Riv.	Alas.	K24	(7) O-17
Ketchikan Cr.	Alas.	K91	(—) O-17
Ketik Riv.	Alas.		(23*) H-2-3
Khotol Riv.	Alas.		(—) H-8
Kiagna Riv.	Alas.		(—) L-11

[9] Shown as "Katlin" on map.

Name	State		Location
Kigalik Riv.	Alas.		(23*) I-3
Kijik Lake and Riv.	Alas.		(20) I-12
Kilchis Riv.	Oreg.		(—) Q-27
Kiliuda Cr.	Alas.	44K	(18) I-15
Killey Riv.	Alas.		(—) J-12
Killik Riv.	Alas.		(23*) H-4
Killillan Cr.	Oreg.		(—) Q-27
Kina Cr.	Alas.	K174	(—) N-17
King Cr.	Alas.	829	(—) K-12
Kings Lakes and Riv.	Alas.		(16B) J-11
Kings Riv.	Alas.	487	(—) J-12
King Salmon Cr.	Alas.		(18) H-14
King Salmon Cr.	Alas.		(—) H-16
King Salmon Cr.	Alas.		(—) N-14
King Salmon Cr.	Alas.	E12	(11) N-14
King Salmon Cr.	Alas.	K44-2	(—) O-17
King Salmon Riv.	Alas.		(20) H-12
King Salmon Riv.	Alas.		(18) H-14
King Salmon Riv.	Alas.		(18) H-15
Kings County Cr.	Alas.		(16A) J-12
Kinia Riv.	Alas.		(20*) F-12
Kiniklik Cr.	Alas.	269	(—) K-12
Kipchuk Riv.	Alas.		(20*) H-12
Kirkwood Cr.	Alas.	93	(—) K-12
Kisaralik Riv.	Alas.		(20*) G-12
Kivalina Riv.	Alas.		(23) F-5
Kiwalik Riv.	Alas.		(23) G-7
Kizhuchia Cr.	Alas.		(—) N-16
Kizhuyak Cr.	Alas.	104K	(18) I-15
Klahini Riv.	Alas.	K47	(7) O-16
Klakas Lake Cr.	Alas.	WC5[10]	(8) N-17
Klam Cr.	Alas.	K82A	(—) O-17
Klamath Riv.	Calif.		(1) P-Q-31
Klaskanine Riv.	Oreg.		(4) Q-26
Klawak Cr.	Alas.	WC39	(8) N-17
Klehini Riv.	Alas.		(13) M-N-13
Klickitat Riv.	Wash.		(4) Q-26-27
Klu Cr.	Alas.	K82	(7) O-17
Kluklakiatna Riv.	Alas.		(21) H-9
Klutina Lake and Riv.	Alas.		(15) K-11
Klutuk Cr.[11]	Alas.		(20) H-13
Knik Riv.	Alas.		(16B) J-11
Knowls Cr.	Alas.	67	(—) K-12
Knutson Cr. (Iliamna Lake)	Alas.		(—) I-13
Kobuk Riv. and tributaries	Alas.		(23) G-H-5-6
Kogak Riv.	Alas.		(21) G-9
Kogoluktuk Riv.	Alas.		(23) H-5-6
Kogrukluk Riv.	Alas.		(—) H-12
Kokolik Riv.	Alas.		(23*) G-3
Koktuli Riv.	Alas.		(20) H-I-13
Kokwok Riv.	Alas.		(20) H-13
Kompkoff Riv.	Alas.	610	(15*) J-12

[10] Shown as "5" on map.

[11] Shown as "R." on map.

Continued ...

APPENDIX I. Continued.

Name	State		Location
Koness Riv.	Alas.		(22) K-L-5
Kongakut Riv.	Alas.		(—) L-3
Kongarok Riv.	Alas.		(—) F-7
Kononoff Cr.	Alas.	625	(—) J-12
Kontrashibuna Lake	Alas.		(—) I-12
Kook Cr.	Alas.	W16	(11) N-15
Koppen Cr.	Alas.	35	(15*) K-12
Koserefski Riv.	Alas.		(21) G-10
Koshin Riv.	Alas.		(—) O-14
Koyuk Riv.	Alas.		(21) G-7
Koyukuk Riv.	Alas.		(21, 22) H-I-6 -7-8
Krause Cr.	Alas.	118	(—) K-12
Kuday's Cr.	Alas.	WR35	(8) N-17
Kuguklik Riv.	Alas.		(20*) G-12
Kugururok Riv.	Alas.		(23) G-4
Kuk Riv.	Alas.		(—) H-2
Kukak Cr.	Alas.	113K	(18) I-14
Kukaklek Lake	Alas.		(20) I-13
Kukpowruk Riv.	Alas.		(23*) G-3
Kukpuk Riv.	Alas.		(22) F-4
Kulik Lake and Riv. (Wood Riv.)	Alas.		(—) I-13
Kulukak Lake and Riv.	Alas.		(—) H-13-14
Kumliun Cape creeks	Alas.		(—) H-16
Kuna Riv.	Alas.		(23*) H-4
Kunk Cr.	Alas.	WR28[12]	(—) N-16
Kuparuk Riv.	Alas.		(23*) J-2-3
Kurupa Riv.	Alas.		(23*) I-4
Kushluk Riv.	Alas.		(—) G-12
Kushtaka Lake	Alas.		(15) K-12
Kuskokwim Riv. (mouth)	Alas.		(20) G-12
Kutchik Riv.	Alas.		(23*) J-3
Kuzitrin Riv.	Alas.		(21) F-7
Kvichak Riv.	Alas.		(20) H-13
Kwain Cr.	Alas.	K110	(—) O-17
Kwatahein Cr.	Alas.	E43F	(—) N-16
Kwethluk Riv.	Alas.		(20*) G-12
Kwik Cr.	Alas.		(—) M-13
Kwiniuk Riv.	Alas.		(21) G-8
LaCamas Cr.	Wash.		(—) Q-27
Lace Riv.	Alas.		(12) N-14
Lafayette Riv.	Alas.	321	(—) K-11
Lagoon Cr.	Alas.		(—) J-K-12
Lagoon Cr.	Alas.	99	(—) K-12
Lagoon Cr.	Alas.	K154	(—) N-17
Laguna Cr.	Calif.		(—) Q-35
Lake Cr. (Iliamna Lake)	Alas.		(—) I-13
Lake Cr.	Alas.		(17) J-10-11
Lake Cr.	Alas.	E10C	(12) N-14
Lake Cr.	Alas.	K48-[13]	(7) O-16
Lake Cr.	Oreg.		(—) Q-28
Lake Cr.	Wash.		(—) Q-24
Lake Cr.	Wash.		(—) Q-26

[12] Shown as "28" on map.

[13] Shown as "K48" on map.

Name	State		Location
Lake Eva Cr.	Alas.	W36	(—) N-15
Lake Florence Cr.	Alas.	W47	(11) N-15
Lake Kathleen Cr.	Alas.	W45A	(11) N-15
Lambert Lagoon	Alas.	295	(15*) K-12
Laramie Cr. (Naknek Lake)	Alas.		(—) I-14
Larsen Cr. and Lake	Alas.		(—) J-10
Larsen Cr.	Alas.	669	(—) J-12
Laura Cr. (Afognak I.)	Alas.		(—) I-14
Laurel Lake	Alas.		(—) I-14
Lava Cr. (Cinder R.)	Alas.		(—) I-13
Lawrence Cr.	Oreg.		(—) R-28
Leask Cr.	Alas.	K95	(—) O-17
Lefthand Bay streams (Balboa Bay)	Alas.		(—) G-17
Lemhi Riv.	Idaho		(6) S-27-28
Lemon Cr.	Alas.		(12) N-14
Leontovitch Cape creeks	Alas.		(19) G-17
Levshakoff Cr.	Alas.	121	(—) K-11
Lewis Riv.	Alas.		(16B) J-11
Lewis Riv.	Wash.		(4) Q-26-27
Lewis and Clark Riv.	Oreg.		(4) Q-26
Lighthouse Cr.	Alas.	800	(15*) K-12
Lilliwaup Cr.	Wash.		(—) Q-25
Limestone Cr.	Alas.	E1	(12) N-14
Lincoln Cr.	Wash.		(—) Q-26
Little Riv. and Lake	Alas.	97K	(18) I-15
Little Riv.	Oreg.		(—) Q-29
Little Bear Cr. (Newhalen Riv.)	Alas.		(—) I-13
Little Black Riv.	Alas.		(22) K-L-6
Little Bremner Riv.	Alas.		(—) K-11
Little Butte Cr.	Oreg.		(—) Q-30
Little Delta Riv.	Alas.		(22) K-8
Little Fall Cr.	Oreg.		(—) Q-29
Little Gibraltar Cr.	Alas.		(—) I-13
Little Hanna Lake	Alas.		(—) L-12
Little Indian Cr.	Alas.		(16B) J-12
Littlejohn Lagoon	Alas.		(—) G-17
Little Kamishak Riv.	Alas.		(16C) I-13
Little Kitoi Lake Cr.	Alas.	7K-1	(18) I-14
Little Klickitat Riv.	Wash.		(—) Q-26-27
Little Lagoon Cr. (Karluk Lake)	Alas.		(—) I-15
Little Martin Lake	Alas.		(—) K-12
Little Muddy Cr. (Naknek Lake)	Alas.		(—) H-14
Little Nestucca Riv.	Oreg.		(—) Q-27
Little Norway Cr.	Alas.		(—) G-17
Little Nothing Cr. (Naknek Lake)	Alas.		(—) H-14
Little Pilchuck Riv.	Wash.		(—) Q-24-25
Little Pistol Cr.	Idaho		(—) S-28
Little Quilcene Riv.	Wash.		(—) Q-25
Little Roadhouse Cr. (Iliamna Lake)	Alas.		(—) I-13
Little Salmon Riv.	Idaho		(6) R-27

Continued ...

APPENDIX I. Continued.

Name	State	Location
Little Shasta Riv.	Calif.	(—)Q-31
Little Soos Cr.	Wash.	(—)Q-25
Little Susitna Riv.	Alas.	(16B)J-11
Little Togiak Lake, Riv., and creeks (Wood Riv.)	Alas.	(—)H-13
Little Tonsina Riv.	Alas.	(—)K-11
Little Weiser Riv.	Idaho	(—)R-28
Little Wenatchee Riv.	Wash.	(—)Q-25
Little White Salmon Riv.	Wash.	(—)Q-27
Little Willow Cr.	Alas.	(—)J-11
Lochsa Riv.	Idaho	(—)S-26
Logger's Cr.	Alas. 706	(—)K-13
Logging Camp Cr.	Alas. 435	(—)J-12
Log Jam Cr.	Alas.	(—)N-16-17
Logy Cr.	Wash.	(—)Q-26
Lone King Cr.	Alas.	(16B)J-11
Long Cr.	Alas. 214	(—)K-12
Long Lake	Alas.	(15)L-11
Long Arm Cr.	Alas. 29K	(18)I-15
Long John Lagoon	Alas.	(—)G-17
Loomis Cr.	Alas. 506	(—)J-K-12
Loon Cr.	Idaho	(—)S-28
Loon Cr.	Oreg.	(—)Q-29
Loring Cr.	Alas. K86	(—)O-17
Lost Cr.	Alas.	(22)K-6
Lost Cr.	Alas.	(14)M-13
Lost Cr.	Oreg.	(—)Q-29
Lost Cr.	Wash.	(—)Q-24
Lost Cr.	Wash.	(—)Q-26
Lost Lake	Alas.	(16A)J-12
Lostine Cr.	Oreg.	(6)R-27
Louis Cr.	Alas. 689	(—)K-12
Loveless Cr.	Alas. WR66	(—)N-16
Lowe Riv.	Alas. 137	(15*)K-11
Lower Talarik Cr. (Iliamna Lake)	Alas.	(—)I-13
Lucas Cr.	Wash.	(—)Q-26
Lucky Cr.	Alas. K105	(7)O-17
Mabel Cr.	Alas. WC9	(8)N-18
Macleod Cr.	Alas. 707	(—)K-13
Mad Riv.	Calif.	(1)P-Q-32
Mad Riv.	Wash.	(—)Q-24
Mahlo Riv.	Alas.	(—)K-11
Mahoney Cr.	Alas. K93	(—)O-17
Main Cr.	Alas.	(—)H-16
Main Riv.	Alas. 503	(—)J-12
Makarka Cr.	Alas. 844	(—)K-12
Makushin Riv. (Makushin Bay)	Alas.	(25)F-19
Malina Cr. and Lake	Alas. 1K	(18)I-14
Mallard Cr.	Alas. 698	(—)K-12
Mamby Cr.	Alas.	(—)L-13
Manastash Cr.	Wash.	(—)Q-26
Mangoak[14] Riv.	Alas.	(23)G-6
Manker Cr.	Alas.	(15)K-11

[14] Shown as "Mango" on map.

Name	State	Location
Mankomen Lake	Alas.	(15)K-9-10
Manning Cr.	Oreg.	(—)R-28
Manzanita Cr.	Alas. K74	(—)O-17
Marble Cr.	Alas. WR92	(8)N-16
Margaret Cr.	Alas. K85	(7)O-17
Margot Cr. (Naknek Lake)	Alas.	(—)I-14
Marie Cr. (Egegik System)	Alas.	(—)I-15
Marka Cr.	Alas. 12K	(18)I-14
Marsh Cr.	Alas.	(16C)I-13
Marsh Cr.	Idaho	(—)S-28
Marten Cr.	Alas. WR7	(7)O-16
Marten Riv.	Alas. K23	(7)O-17
Martin Lake and Riv.	Alas.	(15)K-12
Matanuska Riv.	Alas.	(16B)J-11
Mattole Riv.	Calif.	(1)P-32
Mauneluk Riv.	Alas.	(23)H-6
Max Cr.	Alas. WC4	(—)N-18
May Cr.	Wash.	(—)Q-25
Maybeso Cr.	Alas. K177	(8)N-17
Maynard Cr.	Wash.	(—)Q-24
McArthur Riv.	Alas.	(16B, 16C)J-12
McClure Cr.	Alas. 498	(—)J-12
McHenry Lake Cr.	Alas. WR37	(—)N-16
McKenzie Riv.	Oreg.	(4)Q-28
McKernan Cr.	Alas. 771	(—)K-12
McKlintock Riv.	Alas.	(—)N-12
McLees Lake	Alas.	(25)F-19
McMillan Riv.	Alas.	(—)N-10
McNaughton Riv.	Alas.	(—)N-13
McNeil Lake and Riv.	Alas.	(16C)I-13
Meacham Cr.	Alas. 430	(15*)J-12
Meachin Cr.	Oreg.	(—)R-27
Meade Riv.	Alas.	(23*)H-2
Meadow Cr. (Karluk Lake)	Alas.	(—)I-15
Meadow Cr.	Alas.	(16B)J-11
Meadow Cr.	Idaho	(—)S-26-27
Melozitna Riv.	Alas.	(21)I-7-8
Mendatine Riv.	Alas.	(—)K-11
Mendeltna Riv.	Alas.	(15)K-10
Mendenhall Lake	Alas.	(12)N-14
Menefee Cr.	Alas. WR32	(8)N-16
Mentanontli Riv.	Alas.	(22)I-6
Mentasta Lake	Alas.	(15)L-10
Merced Riv.	Calif.	(1)Q-35
Meshik Lake and Riv.	Alas.	(18, 19)H-16
Methany Riv.	Wash.	(—)P-Q-25
Methow Riv.	Wash.	(5)Q-24
Metolius Riv.	Oreg.	(4)Q-28
Meyers Cr.	Alas. K65	(—)N-17
Miam Lake (Portage Cr.)	Alas.	(—)I-15
Miami Riv.	Oreg.	(—)Q-27
Middle Cr.	Alas. 30	(19)G-17
Middle Cr.	Alas.	(—)N-16

Continued ...

APPENDIX I. Continued.

Name	State	Location
Middle Lagoon	Alas.	(—)G-17
Middle Talarik Cr. (Iliamna Lake)	Alas.	(—)I-13
Midway Bay Riv.	Alas. 45K	(18)I-15
Mikchalk Lake	Alas.	(—)H-13
Mikfik Cr.	Alas.	(16C)I-13
Mill Cr.	Alas. 421	(—)J-12
Mill Cr.	Alas. WR5	(—)N-16
Mill Cr.	Calif.	(1)P-31
Mill Cr.	Calif.	(1)Q-32
Mill Cr.	Calif.	(—)Q-35
Mill Cr.	Oreg.	(—)Q-26-27
Mill Cr.	Oreg.	(—)Q-30
Mill Cr.	Oreg.	(—)R-27-28
Mill Cr.	Wash.	(—)Q-25
Mill Cr.	Wash.	(—)Q-26
Mill Cr.	Wash.	(—)Q-26
Mill Cr.	Wash.	(—)R-28
Millard Cr.	Alas. 115	(15*)K-12
Miller Cr.	Alas. K138	(—)N-17
Millwood Cr.	Oreg.	(—)Q-29
Milk Cr.	Oreg.	(—)Q-27
Milton Cr.	Oreg.	(—)Q-27
Minam Cr.	Oreg.	(6)R-27
Mineral Cr.	Alas. 147	(—)K-11
Miner's Lake	Alas.	(—)K-12
Miner's Riv.	Alas. 244	(—)K-11
Mink Cr. (Iliamna Lake)	Alas.	(—)I-13
Mink Cr.	Alas. 480	(—)J-12
Mink Cr.	Alas. K21A	(—)O-17
Mino Cr.	Alas. 33	(19)G-17
Mint Riv.	Alas.	(23)F-7
Minter Cr.	Wash.	(—)Q-25
Miss 42 Cr. (Naknek Lake)	Alas.	(—)H-14
Mission Cr.	Wash.	(—)Q-25
Moclips Riv.	Wash.	(—)P-25
Moffet Bay creeks	Alas.	(19)G-17
Mohawk Cr.	Oreg.	(—)Q-28
Mokelumne Riv.	Calif.	(1)Q-34
Molalla Riv.	Oreg.	(4)Q-27
Mole Riv.	Alas. E15	(11)N-15
Monashka Cr.	Alas. 15K	(18)I-15
Montague Cr.	Alas. 726	(—)K-12
Montana Cr.	Alas.	(—)J-10-11
Montgomery Cr.	Alas. 670	(—)J-13
Monument Cr.	Alas.	(16B)K-11
Monumental Cr.	Idaho	(—)S-27
Moore Cr. (Ugashik Lake)	Alas.	(—)H-15
Moose Cr.	Alas.	(16B)J-11
Moose Cr.	Alas.	(16A)J-12
Moose Cr.	Alas.	(16A)J-12
Moose Cr.	Alas. E9F	(—)N-14
Moose Cr.	Idaho	(—)S-26
Moose Lake	Alas.	(—)I-13
Moose Riv.	Alas.	(16A)J-12
Moraine Cr.	Alas.	(—)I-13
Moraine Cr. (Karluk Lake)	Alas.	(—)I-15
Morley Riv.	Alas.	(—)N-O-12
Morsby Cr.	Oreg.	(—)Q-29
Moser Cr.	Alas. K89	(—)O-17
Moses Riv.	Alas.	(—)G-7-8
Mosquito Cr.	Alas. 402	(—)J-11
Moss Cr.	Oreg.	(—)Q-27
Most Cr.	Alas. 493	(—)J-12
Mother Goose Lake	Alas.	(18)H-15
Mud Cr.	Alas.	(15)K-9
Mud Lake	Alas.	(16B)J-11
Mud Lake	Alas.	(16A)J-12
Mud Bay Cr. (Port Moller)	Alas.	(19)G-17
Muddy Cr.	Alas. 842	(15*)K-12
Muddy Riv.	Alas. E7A	(10)N-16
Mulchatna Riv.	Alas.	(20)H-I-12
Munson Cr.	Oreg.	(—)Q-27
Murder Cr. and Lake	Alas.	(—)J-10
Mush Lake	Alas.	(—)M-12
Myrtle Cr.	Oreg.	(—)P-Q-29-30
Mystery Cr.	Alas.	(—)J-12
Naches[15] Riv.	Wash.	(5)Q-26
Nacktan Cr.	Alas. 602	(—)J-12
Nageethluk Riv.	Alas.	(21)G-10
Nagishlamina Riv.	Alas.	(—)I-11
Naha Riv.	Alas. K87	(7)O-17
Nakat Cr.	Alas. K13	(7)O-18
Naked Cr.	Alas. 296	(15*)K-12
Nakina Riv.	Alas.	(—)N-14
Naknek Lake, and unnamed creeks	Alas.	(18)H-I-14
Naknek Riv.	Alas.	(18)H-14
Nancy Cr. (Iliamna Lake)	Alas.	(—)I-13
Nancy Cr. and Lake	Alas.	(16B)J-11
Nanuktuk Cr.	Alas.	(—)I-13
Naomoff Cr.	Alas. 127	(—)K-11-12
Napotoli Cr.	Alas.	(—)H-13
Narogurum Riv.	Alas.	(20)H-13
Narrow Pass Cr.	Alas. K68	(7)O-18
Narrows Cr.	Alas. 75K	(18)I-15
Narrows Cr.	Alas. 471	(—)J-12
Naselle Riv.	Wash.	(3)Q-26
Nason Cr.	Wash.	(—)Q-25
Nation Riv.	Alas.	(22)L-7
Naukati Cr.	Alas. WC54	(—)N-17
Navarro Riv.	Calif.	(1)Q-33
Navy Cr.	Alas. WR38	(—)N-16
Necanicum Riv.	Oreg.	(2)Q-27
Neck Cr.	Alas.	(—)N-16
Neets Cr.	Alas. K83[16]	(7)O-17

[15] Shown as "Nache" on map.

[16] Shown as "K13" on map.

Continued

APPENDIX I. Continued.

Name	State	Location
Nehalem[17] Riv.	Oreg.	(2)Q-27
Nellie Martin Riv.	Alas. 779	(—)K-13
Nellie Juan Riv.	Alas. 488	(—)J-12
Nelson Cr.	Alas. 15	(15*)K-12
Nelson Lagoon	Alas.	(—)G-17
Nelson Riv. and tributaries	Alas.	(19)G-17
Nemah Riv.	Wash.	(—)Q-26
Nenana Riv.	Alas.	(22)J-8
Nerka Lake and creeks (Wood Riv.)	Alas.	(—)H-13
Neskowin Cr.	Oreg.	(—)Q-27
Nestucca Riv.	Oreg.	(2)Q-27
Neta Riv.	Alas.	(—)Q-17
New Cr.	Oreg.	(—)P-30
New Riv.	Calif.	(1)Q-32
Newaukum Cr.	Wash.	(—)Q-25
Newaukum Riv.	Wash.	(3)Q-26
Newhalen Riv. (Lake Clark)	Alas.	(—)I-13
Neva Cr.	Alas. I2	(13)N-14
Newskah Cr.	Wash.	(—)Q-26
Niblack Cr.	Alas. K62	(7)N-17
Nicholas Lake	Alas.	(25)A-20
Nick G. and Nick N. Crs. (Iliamna Lake)	Alas.	(—)I-13
Nicolet Cr.	Alas. 3	(—)K-12
Nigelius Cr.	Alas. K98	(—)O-17
Nigisaktuvik Riv.	Alas.	(23*)H-2
Nigu Riv.	Alas.	(23*)H-4
Nikolai Cr.	Alas.	(16B, 16C)J-11
Nikolai Cr.	Alas.	(16A)J-12
Nimiuktuk Riv.	Alas.	(23)H-4
Ninigiak Riv.	Alas. 110K	(18)I-14
Ninilchik Riv.	Alas.	(16A)J-12
Nishlik Lake	Alas.	(20)H-12
Nisqually Riv.	Wash.	(3)Q-25-26
Nisutlin Riv.	Alas.	(—)N-12
Niukluk Riv.	Alas.	(21)F-G-8
Noatak Riv. and tributaries	Alas.	(23)G-H-4-5
Nome Riv.	Alas.	(21)F-8
Nonvianuk Lake	Alas.	(20)I-13
Nooksack Riv.	Wash.	(3)Q-24
Nooya Cr.	Alas. K42	(—)O-17
North Cr.	Alas. 685	(15*)K-12
North Riv.	Alas.	(21)G-8-9
North Riv.	Wash.	(3)Q-26
North Alinchak Cr.	Alas. 127K	(18)I-15
North Arm Cr.	Alas. WR3-2	(—)N-16
North LaGorce Cr. (Naknek Lake)	Alas.	(—)I-14
Northwest Woody 1 and 2 (Iliamna Lake)	Alas.	(—)I-13
No Shot Cr. (Naknek Lake)	Alas.	(—)H-14

[17] Shown as "Nehalam" on map.

Name	State	Location
Nowitna Riv.	Alas.	(21)I-8-9
Noyo Riv.	Calif.	(1)Q-33
Nuchek Cr.	Alas. 812	(—)K-12
Nuka Riv.	Alas.	(16A)J-13
Nuka Island streams (Nuka Bay)	Alas.	(16A)J-13
Nukayachugak Riv.	Alas.	(—)H-14
Nulato Riv.	Alas.	(21)H-8
Nuluk Riv.	Alas.	(23)F-7
Nunavaugaluk Lake	Alas.	(20)H-13
Nushagak Riv.	Alas.	(20)H-13-14
Nutkwa Cr.	Alas. WC11	(8)N-17
Nuyakuk Lake and Riv.	Alas.	(20)H-13
"O" Cr. (Naknek Lake)	Alas.	(—)I-14
Oak Cr.	Oreg.	(—)Q-29
O'Brien Cr.	Alas. 666	(—)J-12
Ocean Dock Cr.	Alas. 7	(—)K-12
Ohmer Cr.	Alas. WR57	(10)N-16
Oil Lakes and Riv.	Alas.	(—)H-16
Okanogan Riv.	Wash.	(5)R-23-24
Old Franks Cr.	Alas. K170	(—)N-17
Old Man Cr.	Alas.	(20)H-12-13
Old Man Lake	Alas.	(15)K-10
Old Man's Cr.	Alas. E21	(—)N-15
Old Toms Cr.	Alas. K163	(—)N-17
Old Williams Cr. (Iliamna Lake)	Alas.	(—)I-13
Oleney Cr.	Wash.	(—)Q-25
Olequa Cr.	Wash.	(—)Q-26
Olga Cr.	Alas. 79K	(18)I-15
Olsen Cr.	Alas. 51	(—)K-12
O'Malley Lake and Riv. (Karluk Lake)	Alas.	(—)I-15
Omar Cr.	Alas. K162	(8)N-17
One Shot Cr. (Brooks Lake)	Alas.	(—)I-14
Ongivinuck Lake and Riv.	Alas.	(—)H-13
Oolamnagavik Riv.	Alas.	(23*)I-4
Orca Cr.	Alas. 863	(—)K-12
Orchard Cr.	Alas.	(7)O-17
Orleans Cr.	Calif.	(—)Q-31
Orofio Cr.	Calif.	(—)Q-31
Orzenoi Riv.	Alas.	(—)G-17
Osoyoos Lake	Wash.	(—)R-23-24
Otter Cr. (Bechar of Lake)	Alas.	(—)H-15
Ozette Cr. and Lake	Wash.	(—)P-24
Pablo Cr.	Alas. 633	(—)J-12
Pack Cr.	Alas. E13A	(11)N-15
Packer Cr.	Calif.	(—)Q-31
Packers Lake	Alas.	(16C)J-12
Paddy Cr.	Alas. 601	(—)J-11
Pah Riv.	Alas.	(23)H-6
Pahsimeroi Riv.	Idaho	(—)S-28
Paidaloe Riv.	Calif.	(—)Q-34
Paint Riv.	Alas.	(16C)I-13

Continued ...

APPENDIX I. Continued.

Name	State	Location
Painter Cr. (Mother Goose Lake)	Alas.	(—) H-15
Palix Cr.	Wash.	(—) Q-26
Palmer Cr.	Alas.	(16B) J-11
Panjab Cr.	Wash.	(—) R-26
Panther Cr.	Idaho	(—) S-27
Panther Cr.	Oreg.	(—) Q-27
Panther Cr.	Wash.	(—) Q-27
Papoose Cr.	Alas. 292	(—) K-12
Paramanof Lake	Alas.	(—) I-14
Paramanof Lagoon Cr.	Alas. 2K	(18) I-14
Paris Cr.	Alas.	(—) H-15
Park Cr.	Alas.	(16C) I-13
Parks Cr.	Alas. 458	(—) J-12
Pasagshak Cr.	Alas. 24K	(18) I-15
Pass Cr.	Alas. 41	(—) K-12
Passage Cr.	Alas. 639	(—) J-12
Patton Cr.	Alas. 782	(—) K-13
Pauls Cr.	Alas.	(—) H-14
Pauls Lake Cr.	Alas. 6K	(—) I-14
Paulson Cr.	Alas. 455	(15*) J-12
Pautzke Cr.	Alas. 775a	(15*) K-12
Pavalof Cr. and Lake	Alas.	(—) N-15
Pawn Cr.	Oreg.	(—) P-Q-28-29
Payette Riv.	Idaho	(—) R-28
Peace Riv. (Wood Riv.)	Alas.	(—) H-13
Peaceful Riv. (Attu I.)	Alas.	(25) A-20
Pearl Cr. (Ugashik Lake)	Alas.	(—) H-15
Pecks Cr. (Kvichak Riv.)	Alas.	(—) H-I-13
Pedro Cr. (Iliamna Lake)	Alas.	(—) I-13
Pellew Cr.	Alas. 270	(15*) K-12
Pelly Riv.	Alas.	(—) M-10
Penny Riv.	Alas.	(—) F-8
Percival Cr.	Wash.	(—) Q-25
Perenosa Cr.	Alas. 5K	(18) I-14
Perkins Cr.	Alas. K128	(—) N-18
Peschan Riv.	Alas. W35	(9) N-15
Peshastin Cr.	Wash.	(—) Q-25
Pestchani Cr. (Kodiak, Marmot Bay)	Alas.	(—) I-15
Pete Andrew Cr. (Iliamna Lake)	Alas.	(—) I-13
Peters Cr.	Alas.	(16B) J-11
Petersburg Cr.	Alas. WR56	(10) N-16
Peterson Cr.	Alas. E10B	(12) N-14
Phonograph Cr.	Alas. W76	(11) M-N-15
Pigot Riv.	Alas. 431	(—) J-12
Pikmiktalik Riv.	Alas.	(21) G-9
Pilchuck Riv.	Wash.	(3) Q-24-25
Pile Riv. (Iliamna Lake)	Alas.	(—) I-13
Piledriver Cr.	Alas. E43B	(9) N-16
Pillar Cr.	Alas. 16K	(18) I-15
Pincher Cr.	Alas.	(16B) J-12
Pine Cr.	Alas. WR102	(8) N-16
Pine Cr.	Idaho	(—) R-28
Pine Cr.	Oreg.	(—) R-28
Pine Lake	Alas.	(—) M-12
Pinguk Riv.	Alas.	(23) F-7
Pirate Cr.	Alas. 428	(—) J-12
Pistol Riv.	Oreg.	(—) P-30
Pitmegea Riv.	Alas.	(23) F-4
Placer Riv.	Alas.	(16B) J-12
Plateau Cr.	Alas. 45	(—) K-12
Poe Riv.	Alas. 436	(—) J-12
Point Cr.	Alas. 702	(—) K-13
Point Riv.	Alas.	(—) I-13
Point Reyes Cr.	Calif.	(—) Q-34
Polk Cr.	Alas. K165	(8) N-17
Polly Cr.	Alas.	(16C) I-12
Pond Cr.	Alas. K106	(7) O-18
Pope Cr. (Iliamna Lake)	Alas.	(—) I-13
Porcupine Cr.	Alas. WR42	(8) N-16
Porcupine Riv.	Alas.	(22) K-L-6
Portage Cr. (Herendeen Bay)	Alas.	(19) G-17
Portage Cr.	Alas.	(—) J-10
Portage Cr.	Alas.	(16B) J-12
Portage Cr.	Alas. WC14	(8) N-17
Portage Cr.	Alas. K77	(7) O-17
Portage Bay Cr.	Alas. 25K	(18) I-15
Port Camden Cr.	Alas. E35	(9) N-16
Port Chatham streams	Alas.	(16A) J-13
Port Dick streams	Alas.	(16A) J-13
Porter Cr.	Wash.	(—) Q-26
Porterfield Cr.	Alas.	(7) N-16
Port Graham streams	Alas.	(16A) J-13
Port Heiden creeks	Alas.	(18) H-16
Port Nellie Juan Cr.	Alas. 500	(15*) J-12
Potlatch Riv.	Idaho	(—) R-26
Powder Riv.	Oreg.	(6) R-28
Powell Cr.	Wash.	(—) Q-24
Power House Cr.	Alas.	(—) N-16
Prairie Cr.	Alas.	(17) J-10
Prairie Cr.	Wash.	(—) Q-25
Preacher Cr.	Alas.	(22) K-6-7
Price Riv.	Alas.	(23*) I-3
Prince Cr. Ponds (Iliamna Lake)	Alas.	(—) I-13
Princeton Cr.	Alas. 617	(—) J-12
Prospect Cr.	Alas. E1A	(12) N-14
Ptarmigan Cr.	Alas.	(16A) J-12
Pudding Riv.	Oreg.	(4) Q-27
Puget Lake	Alas. 646	(—) J-13
Puget Riv.	Alas. 649	(—) J-12
Pungokepuk Cr. and Lake	Alas.	(20) H-13
Puyallup Riv.	Wash.	(3) Q-25
Pysht Riv.	Wash.	(—) P-24
Quadra Cr.	Alas. 711	(—) K-13
Quartz Cr.	Alas.	(—) F-7
Quartz Cr.	Alas.	(16A) J-12
Quartz Cr.	Alas.	(—) K-11
Quartz Cr.	Wash.	(—) Q-26

Continued ...

APPENDIX I. Continued.

Name	State	Location
Quartzville Cr.	Oreg.	(—) Q-28
Queets Riv.	Wash.	(3) P-Q-25
Question and Answer Lakes	Alas.	(—) J-10
Quilcene[18] Riv.	Wash.	(3) Q-25
Quillayute Riv.	Wash.	(—) P-25
Quinault Lake and Riv.	Wash.	(3) P-Q-25
Rabbit Cr.	Alas.	(16B) J-11
Racehorse Cr.	Wash.	(—) Q-24
Raft Riv.	Wash.	(—) P-25
Raging Riv.	Wash.	(—) Q-25
Rainbow Cr.	Alas. 98	(—) K-12
Rainy Cr.	Alas. 459	(—) J-12
Rams Cr.	Alas.	(—) G-17
Ranch Cr.	Alas. 109	(—) K-12
Rapid Riv.	Idaho	(—) R-27
Rapid Riv.	Wash.	(—) S-28
Rattlesnake Cr.	Wash.	(—) Q-26
Ray Cr. (Cinder Riv.)	Alas.	(—) I-13
Raymond Cr.	Alas. K57	(7) O-17
Red Cr.	Alas. 300	(—) K-12
Red Riv.	Alas. 83K	(18) I-15
Red Riv.	Alas. K23A	(7) O-17
Red Boat Cr. (Ugashik Lake)	Alas.	(—) H-15
Red Cabin Cr.	Wash.	(—) Q-24
Red Cap Cr.	Alas.	(—) N-14
Redfish Cr. and Lake	Idaho	(6) S-28
Red Mountain Cr.	Calif.	(—) Q-31
Redoubt Lake	Alas.	(9) N-16
Red River Lake (Kodiak)	Alas.	(—) I-15
Red Salmon Cr.	Alas.	(—) N-16
Red Salmon Lake	Alas.	(—) I-J-11
Red Shirt Lake	Alas.	(17) J-11
Redwood Cr.	Calif.	(1) P-Q-31
Reindeer Cr.	Alas.	(—) I-13
Reindeer Riv.	Alas.	(21) G-11
Reindeer Riv.	Alas.	(21) H-10
Resurrection Cr.	Alas.	(16B) J-12
Resurrection Riv.	Alas.	(16A) J-12
Rickreall Cr.	Oreg.	(4) Q-28
Robbers Cr.	Alas. 465	(—) J-12
Robertson Riv.	Alas.	(22) K-9
Robinson Cr.	Alas. K45	(—) O-17
Robinson Cr.	Idaho	(—) R-26
Rock Cr.	Alas. 94	(—) K-12
Rock Cr.	Alas. K166	(—) N-17
Rock Cr.	Oreg.	(—) P-28
Rock Cr.	Oreg.	(—) P-30
Rock Cr.	Oreg.	(—) Q-29
Rock Cr.	Oreg.	(—) Q-30
Rock Cr.	Wash.	(—) Q-25
Rock Cr.	Wash.	(—) Q-27
Rocky Cr.	Alas. 759	(—) K-12
Rocky Riv.	Alas.	(16A) J-13

[18] Shown as "Quicene" on map.

Name	State	Location
Rodman Cr.	Alas. W33	(9) N-15
Rogue Cr.	Alas. 21	(—) K-12
Rogue Riv.	Oreg.	(2) P-Q-30
Ro Le Jo Cr. and Lake	Alas.	(—) J-11
Rollin Cr.	Alas. 849	(—) K-12
Rose Cr.	Alas. WC23	(8) N-18
Rose Tead Lake (Pasagshak Cr.)	Alas.	(—) I-15
Rosswog Cr.	Alas. 774	(—) K-12
Rowi Riv.	Oreg.	(—) Q-29
Rude Riv.	Alas. 16	(—) K-12
Rudyerd Riv.	Alas. K41	(7) O-17
Russell Cr.	Alas. 738	(—) K-12
Russian Cr. (Iliamna Lake)	Alas.	(—) I-13
Russian Riv.	Alas. 67K	(18) I-15
Russian Riv. and Lakes	Alas.	(16A) J-12
Russian Riv.	Calif.	(1) Q-33-34
Ruth Lake and Riv. (Becharof Lake)	Alas.	(—) H-15
Sacramento Riv.	Alas. 23K	(18) I-15
Sacramento Riv. (mouth)	Calif.	(1) Q-34
Sagavanirktok Riv.	Alas.	(23*) J-2-3
Saginaw Cr.	Alas. E39	(—) N-16
Saint Anne Cr.	Alas.	(15) K-11
Saint John Cr.	Alas. WR49	(8) N-16
Saint Matthews Cr.	Alas. 56	(—) K-12
Saks Cr.	Alas. K46	(7) O-17
Salcha Riv.	Alas.	(22) K-8
Salinas Riv.	Calif.	(—) Q-36
Salmon Cr. (Becharof Lake)	Alas.	(—) H-15
Salmon Cr. (Karluk Lake)	Alas.	(—) I-15
Salmon Cr.	Alas.	(16A) J-12
Salmon Cr.	Alas. E10D	(12) N-14
Salmon Cr.	Alas.	(9) N-16
Salmon Cr.	Calif.	(—) Q-34
Salmon Cr.	Oreg.	(—) P-30
Salmon Cr.	Oreg.	(2) Q-27
Salmon Cr.	Wash.	(—) Q-26
Salmon Cr.	Wash.	(—) Q-26
Salmon Cr.	Wash.	(—) Q-27
Salmon Lake	Alas.	(21) F-8
Salmon Riv.	Alas.	(23) H-5
Salmon Riv.	Alas.	(20*) H-11-12
Salmon Riv.	Alas. I26	(13) N-14
Salmon Riv.	Alas. K1	(7) O-17
Salmon Riv.	Calif.	(1) Q-31
Salmon Riv., and South and Middle Forks	Idaho	(6) R-S-27, S-28
Salmon Riv.	Oreg.	(—) Q-27
Salmon Riv.	Wash.	(—) P-25
Salonie Riv.	Alas. 19K	(18) I-15
Salt Cr.	Alas. K96	(—) O-17
Saltery Cr.	Alas. K160	(8) N-17
Saltery Cr. and Lake	Alas. 26K	(18) I-15
Samish Riv.	Wash.	(3) Q-24

Continued ...

APPENDIX I. Continued.

Name	State		Location
Sammamish Lake and Slough	Wash.		(—) Q-25
San Benito Riv.	Calif.		(—) Q-36
Sand Cr.	Alas.		(—) H-13
Sandfly Cr.	Alas.	K5	(7) O-17
Sand Lake Cr.	Oreg.		(—) Q-27
Sandy Cr.	Oreg.		(—) Q-29
Sandy Lake and Riv.	Alas.		(19) G-16
Sandy Riv.	Oreg.		(4) Q-27
San Joaquin Riv.	Calif.		(1) Q-34-35
San Juan Cr.	Alas.		(—) K-13
San Lorenzo Riv.	Calif.		(1) Q-35-36
Santa Anna Cr.	Alas.	WR17	(—) O-17
Santiam Riv.	Oreg.		(4) Q-28
San Vicente Cr.	Calif.		(—) Q-35
Sargent Cr.	Alas.	18K	(18) I-15
Saposa Cr.	Alas.	7K	(18) I-15
Sarkar Cr.	Alas.	WC56	(8) N-17
Sashin Cr.	Alas.	E49	(9) N-16
Satsop Riv.	Wash.		(3) Q-25
Satus[19] Cr.	Wash.		(5) Q-26
Sauk Riv.	Wash.		(—) Q-24
Savonoski Riv. (Naknek Lake)	Alas.		(—) I-14
Sawmill Cr.	Alas.	133	(—) K-11
Sawmill Riv.	Alas.		(12) N-14
Scappoose Cr.	Oreg.		(4) Q-27
Scenery Cr.	Alas.	E8	(10) N-15
Schooner Cr.	Alas.	777	(—) K-12
Schoppe Cr.	Alas.	273	(—) K-12
Schuman Cr.	Alas.	746	(—) K-12
Scoggin Cr.	Oreg.		(—) Q-27
Scott Cr.	Alas.	835	(—) K-12
Scott Cr.	Calif.		(1) Q-35
Scott Riv.	Calif.		(—) Q-31
Seagull Cr.	Alas.	I17	(11) N-14-15
Seal Cr.	Alas.		(14) M-13
Seal Riv.	Alas.		(15) L-12
Sea Level Cr.	Alas.	K104	(7) O-17
Seattle Cr.	Alas.		(16B) J-12
Sedie Riv.	Alas.		(—) J-13
Seepage Cr.	Alas.		(16A) J-12
Seiad Cr.	Calif.		(—) Q-31
Selawik Riv.	Alas.		(23) H-6
Seldovia Riv.	Alas.		(16A) J-13
Selway Riv.	Idaho		(—) S-26-27
Sere Cr.	Alas.	222	(—) K-12
Serpentine Riv.	Alas.		(23) F-6-7
Settler Cove Cr. and Lake (Kodiak, Marmot Bay)	Alas.		(—) I-15
Seven Rivers	Alas.	65K	(18) I-16
Seventymile Riv.	Alas.		(22) L-8
Shad Cr.	Alas.	749	(—) K-12
Shaheen Cr.	Alas.	WC51	(8) N-17

[19] Shown as "Status" on map.

Name	State		Location
Shaishnikof[20] Riv.	Alas.		(25) F-19
Shakespeare Cr.	Alas.	440	(15*) J-12
Shaktolik Riv.	Alas.		(21) G-8
Shale Cr.	Alas.	92	(—) K-12
Shasta Riv.	Calif.		(1) Q-31
Shaw Cr.	Alas.		(22) K-8
Shearwater Cr.	Alas.	42K	(18) I-15
Sheenjek Riv.	Alas.		(22) L-4-5, K-5-6
Sheep Cr.	Alas.		(—) J-10-11
Sheep Cr.	Alas.		(16A) J-13
Sheep Riv.	Alas.		(17) J-10
Sheep Riv.	Alas.	36	(—) K-12
Shell Cr. and Lake	Alas.		(17) J-11
Shelokum Cr.	Alas.	K53	(—) O-17
Shelter Cr.	Alas.	663	(—) K-12
Shepard Cr.	Alas.	12	(—) K-12
Sheridan Cr.	Alas.	K31B	(7) O-17
Sheslan Riv.	Alas.		(—) N-14
Ship Cr.	Alas.		(16B) J-11
Shipley Cr.	Alas.	WR91	(8) N-16
Shipyard Cr.	Alas.	499	(—) J-12
Shirley Lake	Alas.		(—) I-J-11
Shitike Cr.	Oreg.		(—) Q-28
Shoestring Cr.	Alas.	344	(—) J-K-12
Short Cr.	Alas.		(—) H-15
Short Cr.	Alas.	88	(—) K-12
Short Cr.	Alas.	K52	(—) O-16
Shosky Cr.	Alas.		(18) H-14
Shotgun Cr.	Alas.	446	(—) J-12
Shrode Cr.	Alas.	476	(—) J-12
Shuatochim Cr.	Alas.		(—) N-14
Shungnak Riv.	Alas.		(23) H-5-6
Sid Olds Riv.	Alas.	22K	(18) I-15
Siksikpuk Riv.	Alas.		(—) J-4
Siletz Riv.	Oreg.		(2) Q-28
Silta Karan Cr.	Alas.		(—) N-14
Siltcoss Cr.	Oreg.		(—) P-29
Silver Cr.	Oreg.		(—) P-Q-30
Silver Cr.	Oreg.		(4) Q-27-28
Silver Cr.	Wash.		(—) Q-24-25
Silverdale Cr.	Wash.		(—) Q-25
Silver Salmon Cr.	Alas.	68K	(18) I-15
Silver Salmon Cr. (Karluk Lake)	Alas.		(—) I-15
Similkameen Riv.	Wash.		(5) R-24, Q-R-23
Simmons Cr.	Oreg.		(—) Q-27
Simon Lake	Alas.		(—) J-12
Simpson Riv.	Alas.	26	(—) K-12
Sinuk Riv.	Alas.		(21) F-8
Sister Lake	Alas.		(—) M-N-15
Situk Riv.	Alas.		(14) M-13
Siuslaw Riv.	Oreg.		(2) P-Q-28-29
Siwash Cr.	Alas.	143	(—) K-11

[20] Shown as "Shishnikof" on map.

Continued ...

APPENDIX I. Continued.

Name	State		Location
Siwash Riv.	Alas.	264	(—) K-11
Six Riv.	Calif.		(—) P-Q-31
Sixes Riv.	Oreg.		(2) P-30
Sixmile Cr.	Alas.		(16B) J-12
Sixmile Lake	Alas.		(—) I-13
Skagit Riv.	Wash.		(3) Q-24
Skagway Riv.	Alas.		(13) N-13
Skilak Lake	Alas.		(16A) J-12
Skokomish Riv.	Wash.		(3) Q-25
Skookum Cr.	Wash.		(—) Q-24
Skookumchuck Riv.	Wash.		(3) Q-26
Skull Cr.	Alas.	K31	(7) O-17
Skwentna Riv.	Alas.		(17) I-J-11
Skykomish Riv.	Wash.		(3) Q-25
Slako Cr.	Alas.		(—) N-13
Slana Riv.	Alas.		(15) L-10
Slate Riv.	Alas.		(12) N-14
Slikok Cr.	Alas.		(—) J-12
Slug Riv.	Alas.		(20) G-14
Smith Cr.	Alas.	27	(—) K-12
Smith Cr.	Alas.	WC63	(—) N-16
Smith Cr.	Wash.		(—) Q-26
Smith Riv.	Calif.		(1) P-Q-31
Smith Riv.	Oreg.		(2) P-Q-29
Smoke Cr.	Alas.		(22) K-5
Smugglers Cr.	Alas.	K60	(7) O-N-17
Snake Cr.	Alas.	WR31	(8) N-16
Snake Riv.	Alas.		(—) F-8
Snake Riv.	Alas.		(20) H-13-14
Snake Riv.	Idaho, Oreg., Wash.		(4, 6) R-26-29
Snip Cr.	Alas.	K76	(—) O-17
Snohomish Riv.	Wash.		(3) Q-24-25
Snoqualmie Riv.	Wash.		(3) Q-25
Snow Cr.	Alas.		(16A) J-12
Snug Harbor Cr.	Alas.	682	(—) K-12
Sockeye Cr.	Alas.	687	(—) K-12
Sockeye Cr.	Alas.	E9D	(12) N-14
Sockeye Cr.	Alas.		(—) N-15
Sockeye Cr.	Alas.	K22	(—) O-17
Sockeye Cr.	Alas.	K14	(—) O-18
Soda Cr.	Alas.	WC32	(8) N-17
Soleduck Riv.	Wash.		(3) P-24-25
Soloman Cr.	Alas.	136	(—) K-11
Somme Lake	Alas.		(—) K-9
Soos Cr.	Wash.		(—) Q-25
Sophia Cr.	Alas.	E2	(10) N-15
Soquel Cr.	Calif.		(—) Q-36
South Cr. (Ugashik Lake)	Alas.		(—) H-15
South Cr.	Alas.	684	(—) K-12
South Cr.	Alas.		(—) N-18
South Riv.	Alas.		(21) G-9
South Alinchak Cr. (Kodiak)	Alas.		(—) I-15
South Arm Cr.	Alas.	98K	(18) I-15
Southeast Cr. (Gibraltar Lake)	Alas.		(—) I-13
Southeast Cr.	Alas.	WR26	(—) N-16
Southwest Woody Cr. (Nos. 1-4) (Iliamna Lake)	Alas.		(—) I-13
Spacious[21] Cr.	Alas.	K55	(7) O-17
Spasski Cr.	Alas.	I20	(11) N-14
Spectacle Cr.	Alas.		(—) I-13
Speel Riv.	Alas.		(12) N-14
Spiridon Riv.	Alas.	96K	(18) I-15
Spirit Lake	Wash.		(—) Q-26
Spiros Cr.	Alas.	614	(—) J-12
Spit Point Cr.	Alas.	K100	(7) O-17
Spring Cr. (Karluk Lake)	Alas.		(—) I-15
Spring Cr.	Alas.		(17) J-10
Spring Cr.	Alas.	20	(15*) K-12
Springs Riv.	Oreg.		(—) Q-28
Squaw Cr.	Alas.		(22) J-7
Squaw Cr.	Alas.		(16B) K-11
Squaw Cr.	Alas.	WR104	(8) N-16
Squire Cr.	Wash.		(—) Q-24
Squirrel Cr.	Alas.	447	(—) J-12
Squirrel Riv.	Alas.		(23) G-5
Squirrel Riv.	Alas.		(22) L-6-7
Squirrel Village Cr. (Iliamna Lake)	Alas.		(—) I-13
Staney Cr.	Alas.	WC52	(8) N-17
Stanislaus Riv.	Calif.		(1) Q-35
Stariski Cr.	Alas.		(16A) J-13
Station Lakes (Kodiak, Olga Bay)	Alas.		(—) I-15
Steamboat Cr.	Oreg.		(—) Q-29
Steel Cr.	Oreg.		(—) P-29
Steelhead Cr.	Alas.	WC43	(—) N-17
Steelhead Cr.	Alas.	K87A	(—) O-17
Stellar Cr.	Alas.	153	(—) K-11
Stephan Lake	Alas.		(17) J-10
Steve Cr. (Ugashik Lake)	Alas.		(—) H-15
Stevens Cr.	Wash.		(—) Q-25
Stewart Cr.	Alas.	K56	(—) O-17
Stikine Riv.	Alas.		(7) N-16
Stillaguamish Riv., and North and South Forks	Wash.		(3) Q-24
Stillman Cr.	Wash.		(—) Q-26
Stink Lake and Riv.	Alas.		(—) H-I-11
Stockdale Cr.	Alas.	752	(—) K-12
Stony Riv.	Alas.		(20*) H-I-11
Stormy Pt. Cr. and Lake	Alas.	71K	(18) I-15
Stracey's Cr. (Naknek Lake)	Alas.		(—) I-14
Straight Cr.	Alas.	E38	(9) N-16
Streets Lake Cr.	Alas.	WR41	(—) N-16
Striker Cr.	Alas.		(16C) I-13
Strom Cr.	Alas.	460	(15*) J-12
Sturgeon Riv.	Alas.	86K	(18) I-15
Stuyahok Riv.	Alas.		(21) G-10
Stuyarok[22] Riv.	Alas.		(20) H-13

[21] also called Wasta Creek.

[22] Shown as "Stuyahok" on map.

Continued ...

APPENDIX I. Continued.

Name	State	Location
Sucker Lake	Alas.	(17) J-11
Sucker Riv.	Alas.	(22) K-6
Sucker Bay Lake (Lake Clark)	Alas.	(—) I-12
Suiattle Cr.	Wash.	(—) Q-24
Sukhoi Lagoon	Alas.	(—) I-16
Sulatna Riv.	Alas.	(21) I-8
Sulphur Cr.	Idaho	(—) S-28
Sultan Riv.	Wash.	(—) Q-25
Sulua Cr.	Alas. 70K	(18) I-15
Summit Lake	Alas.	(15) K-9
Sunflower Cr.	Alas.	(—) J-10
Sunny Cr.	Alas. K156	(8) N-17
Sunny Cr.	Alas. WR18	(—) O-17
Sunny Riv.	Alas. 67a	(—) K-12
Sunshine Cr.	Alas.	(—) J-10-11
Surprise Cr.	Alas. 453	(—) J-12
Surprise Cr.	Alas. E3A	(10) N-15
Sushana Riv.	Alas.	(22) J-8-9
Susitna Riv.	Alas.	(16B, 17) J-10-11
Suslota Cr. and Lake	Alas.	(—) L-10
Sutter Cr.	Alas. WC62	(—) N-16
Swamp Cr. (Iliamna Lake)	Alas.	(—) I-13
Swamp Cr. (Naknek Lake)	Alas.	(—) I-14
Swamp Cr.	Alas. 739	(—) K-12
Swamp Cr.	Wash.	(—) Q-25
Swan Cr. and Lake	Alas.	(—) H-13
Swan Cr.	Alas.	(—) N-15
Swan Cr.	Alas. K99A	(—) O-17
Swan Lake	Alas.	(16B) J-17
Swan Cove Cr.	Alas. E13	(11) N-14-15
Swanson Cr.	Alas. 432	(—) J-12
Swanson Lagoon	Alas.	(—) G-17-18
Swanson Riv.	Alas.	(16B) J-12
Swansons Cr.	Alas. K70	(—) O-17
Swayee Cr.	Oreg.	(—) R-28
Swedania Cr.	Alas.	(—) G-17
Swede Lake	Alas.	(15) K-9-10
Sweetheart Cr.	Alas. E1C	(12) N-15
Swikshak Riv.	Alas. 107K	(18) I-14
Table Cr.	Oreg.	(—) P-28
Tahkenitch Cr.	Oreg.	(—) P-29
Tahuyeh Cr.	Wash.	(—) Q-25
Taiya Riv.	Alas.	(13) N-13
Takhin Riv.	Alas.	(13) N-13
Takhini Riv.	Alas.	(—) N-12
Taku Riv.	Alas.	(12) N-14
Talachulitna Lake and Riv.	Alas.	(17) J-11
Talarik Cr. (Iliamna Lake)	Alas.	(—) I-13
Talbiksok Riv.	Alas.	(21) G-11
Talkeen Cr.	Alas.	(—) N-16
Talkeetna Riv.	Alas.	(17) J-10
Tamar Cr.	Oreg.	(—) Q-27
Tamgas Cr. and Lake	Alas. K108	(7) O-17
Tana Riv.	Alas.	(—) L-11
Tanada Cr. and Lake	Alas.	(15) L-10
Tanalian Riv. (Lake Clark)	Alas.	(—) I-12
Tanana[23] Riv.	Alas.	(22) J-7-8, K-8
Taneum Cr.	Wash.	(—) Q-25
Tanis Lake and Riv.	Alas.	(14) M-13
Tatalina Riv.	Alas.	(22) J-7
Tatchum Riv.	Alas.	(—) N-11
Tatitlak Cr.	Alas. 102	(—) K-12
Tatlanika Cr.	Alas.	(22) J-8
Tatsatur Cr.	Alas.	(—) N-14
Tatshenskini Riv.	Alas.	(—) M-12
Tay Cr.	Alas.	(—) N-10
Tazimina Lake and Riv.	Alas.	(20) I-12-13
Tazlina Lake and Riv.	Alas.	(15) K-10-11
Teanaway Riv.	Wash.	(—) Q-25
Tebenkof Cr.	Alas. 450	(15*) J-12
Tedishoff Cr.	Alas. 101	(—) K-12
Teklanika Riv.	Alas.	(22) J-8
Telbay Riv.	Alas.	(—) L-11
Ten Mile Crs. and Lakes	Oreg.	(2) P-29
Ten Mile Cr.	Wash.	(—) Q-24
Ten Mile Riv.	Calif.	(1) Q-33
Ten Shot Cr. (Brooks Lake)	Alas.	(—) I-14
Terrell Cr.	Wash.	(—) Q-24
Terror Riv.	Alas. 101K	(18) I-15
Teshekpuk Lake	Alas.	(—) I-2
Teslin Riv.	Alas.	(—) N-11-12
Thayer Cr.	Alas. W49	(11) N-15
Theodore Riv.	Alas.	(16B) J-11
Thirtymile Cr.	Alas.	(—) N-13
Thomas Cr.	Oreg.	(4) Q-28
Thompson Cr.	Wash.	(—) Q-26
Thoms Cr.	Alas. WR27	(—) N-16
Thorne Riv.	Alas. K184	(8) N-17
Thornton Cr.	Wash.	(—) Q-25
Threemile Cr. and Lake	Alas.	(16B) J-11
Three Peak Riv.	Alas. W4	(11) N-15
Through Cr.	Alas.	(—) H-16
Thumb Cr. and Lake (Karluk Lake)	Alas.	(—) I-15
Thumb Cr.	Alas. 680	(—) K-12
Tiedeman Cr.	Alas. 501	(—) J-12
Tiekel Riv.	Alas.	(15) K-11
Tieton Riv.	Wash.	(—) Q-26
Tiger Cr.	Alas. 616	(—) J-12
Tikchik Lake and Riv.	Alas.	(20) H-12
Tillamook Riv.	Oreg.	(—) Q-27
Tiller Cr.	Oreg.	(—) Q-30
Tilton Riv.	Wash.	(—) Q-26
Titaluk Riv.	Alas.	(23*) I-3
Titna Riv.	Alas.	(—) I-8

[23] Shown as "Tenana" on map.

Continued ...

APPENDIX I. Continued.

Name	State		Location
Tlikakila Riv.	Alas.		(20) I-12
Togiak Cr. and Lake	Alas.		(20) H-13
Togiak Riv.	Alas.		(20) G-H-13
Tokchitna Riv.	Alas.		(—) J-10
Tokeen Cr.	Alas.	WC67	(—) N-16
Toklat Riv.	Alas.		(22) J-8
Tokul Cr.	Wash.		(—) Q-25
Tokum Lake	Alas.		(—) K-12
Tolovana Riv.	Alas.		(22) J-7-8
Tolt Riv.	Wash.		(—) Q-25
Tom Cr.	Alas.	K153	(—) N-17
Tom Cr.	Alas.	WR9	(7) O-16
Tombstone Riv.	Alas.	K3	(7) O-17
Tomkok Cr. (Iliamna Lake)	Alas.		(—) I-13
Tommy Riv. (Iliamna Lake)	Alas.		(—) I-13
Tom's Cr.	Alas.	61K	(18) I-16
Tom's Cr.	Alas.		(—) N-16
Tonsina Lake and Riv.	Alas.		(—) K-11
Tooliok Riv.	Alas.		(23*) J-3
Topagoruk Riv.	Alas.		(23*) I-2
Totatlanika Cr.	Alas.		(22) J-8
Totem Cr.	Alas.	WR63	(10) N-16
Totemoff Cr.	Alas.	621	(—) J-12
Touchet Riv.	Wash.		(4) R-26
Toutle Riv.	Wash.		(4) Q-26
Tozitna Riv.	Alas.		(22) I-7
Trail Cr.	Alas.		(23) G-4
Trail Cr.	Alas.		(—) H-12
Trail Cr.	Alas.		(—) H-13
Trail Cr.	Alas.		(16A) J-12
Trail Cr.	Alas.	687a	(—) K-12
Trail Cr.	Oreg.		(—) Q-30
Trail Lake and Riv.	Alas.		(16A) J-12
Traitors Cr.	Alas.	K84	(7) O-17
Trap Cr.	Alas.	701	(—) K-13
Trask Riv.	Oreg.		(2) Q-27
Triangle Cr. (Nos. 1–3) (Iliamna Lake)	Alas.		(—) I-13
Trinity Cr.	Alas.	443	(—) J-12
Trinity Lake	Alas.		(—) J-11
Trinity Riv.	Calif.		(1) Q-31-32
Triple Cr.	Alas.	303	(—) K-12
Trocadero Cr.	Alas.	WC35	(8) N-17
Troublesome Riv.	Alas.		(22) J-7
Trout Cr. (Gibraltar Lake)	Alas.		(—) I-13
Trout Cr.	Alas.	WR89	(8) N-16
Trout Cr.	Alas.	K113	(—) O-17
Trout Cr.	Wash.		(—) Q-27
Tsirku Riv.	Alas.		(13) M-N-13
Tsiu Riv.	Alas.		(15) L-12
Tualatin Riv.	Oreg.		(4) Q-27
Tucannon Riv.	Wash.		(6) R-26
Tulsona Riv.	Alas.		(—) K-10
Tumwater Cr.	Wash.		(—) Q-24
Tundra Cr.	Alas.	73	(—) K-12
Tunehean Cr.	Alas.	WR67	(10) N-16
Tuolumne Riv.	Calif.		(1) Q-35
Turn Cr.	Alas.	486	(—) J-12
Turner Cr.	Alas.	114	(—) K-12
Tustumena Lake	Alas.		(16A) J-12
Tutuksuk Riv.	Alas.		(23) H-5
Tuxedni Bay streams	Alas.		(16C) I-12
Twelvemile Cr.	Alas.	E31C	(—) N-15
Twelvemile Cr.	Alas.	K175	(8) N-17
Twentymile Cr.	Alas.		(16B) J-12
Twentytwo (22) Cr. (Lake Clark)	Alas.		(—) I-12
Twin Falls Cr.	Alas.	152	(—) K-11
Twin Lake Cr.	Alas.	19	(—) K-12
Twisp Riv.	Wash.		(5) Q-24
Two Island Cove Cr.	Alas.	W44A	(—) N-14
Two Moon Cr.	Alas.	72	(—) K-12
Tyonek Cr.	Alas.		(16B) J-11
Ualik Lake	Alas.		(20) H-13
Udall Cr.	Alas.	770	(—) K-12
Ugaklik Cr.	Alas.		(20*) G-12-13
Ugalik Riv.	Alas.		(21) G-8
Uganik Lake and Riv.	Alas.	100K	(18) I-15
Ugashik Cr. (Ugashik Lake)	Alas.		(—) H-15
Ugashik Lake	Alas.		(18) H-15
Ugashik Riv. (Ugashik Bay)	Alas.		(18) H-15
Ukak Cr. (Naknek Lake)	Alas.		(—) I-14
Umatilla Riv.	Oreg.		(4) R-27
Umpqua Riv., and North and South Forks	Oreg.		(2) Q-29
Unakwik Cr.	Alas.	265	(—) K-12
Unalakleet Riv.	Alas.		(21) G-8-9
Unalaska Island streams	Alas.		(25) F-19
Unalaska Lake	Alas.		(25) F-19
Unaluk Riv.	Alas.		(20) G-14
Unga Island streams	Alas.		(—) G-17
Union Riv.	Wash.		(—) Q-25
Unuk Riv.	Alas.	K48	(7) O-16
Up-a-hill Cr. (Naknek Lake)	Alas.		(—) H-14
Up-a-tree Cr. (Brooks Lake)	Alas.		(18) I-14
Upnuk Lake	Alas.		(20) H-12
Upper Station Cr.	Alas.	69K	(18) I-15
Upper Talarik Cr. (Iliamna Lake)	Alas.		(—) I-13
Urilia Bay creeks	Alas.		(19) F-18
Useless Cr.	Alas.	209	(—) K-12
Ustay Lake and Riv.	Alas.		(14) M-13
Usuktuk Riv.	Alas.		(23*) H-3
Utukok Riv.	Alas.		(23*) G-2-3
Uukpalik Cr.	Alas.		(—) H-12
Uyak Riv.	Alas.	90K	(18) I-15
Vallenar Cr.	Alas.	K116	(—) O-17

Continued ...

APPENDIX I. Continued.

Name	State	Location
Valley Cr.	Idaho	(—)S-28
Valley Ford Cr.	Calif.	(1)Q-34
Vance Cr.	Wash.	(—)Q-25
Van Duzen Riv.	Calif.	(1)P-Q-32
Vanishing Cr.	Alas. 216	(—)K-12
Van Sant Cr.	Alas. WC72	(—)N-16
Ventna Riv.	Alas.	(17)J-10-11
Very Cr.	Alas. K18	(7)O-17
Vesta Cr.	Alas. WC22	(—)N-18
Vesta Cr.	Wash.	(—)Q-26
Village Cr.	Alas. 307	(—)J-12
Village Cr.	Alas. 109K	(18)I-14
Vixen Cr.	Alas. WR22	(7)N-17
Vixen Cr. (Vixen Bay)	Alas. K20	(7)O-17
Vlasoff Cr.	Alas. 129	(—)K-11
Volcano Cr. (Mother Goose Lake)	Alas.	(—)H-15
Volkmar Riv.	Alas.	(22)K-8
Waddell[24] Cr.	Calif.	(1)Q-35
Walker Cr.	Alas. K43	(7)O-17
Walku Cr.	Calif.	(—)Q-31
Wallace Cr.	Wash.	(—)Q-25
Walla Walla Riv.	Wash.	(4)R-26-27
Wallowa Riv.	Oreg.	(6)R-27
Ward Cr.	Alas. W46	(11)N-15
Ward Cr.	Alas. K90	(—)O-17
Ward Cr.	Wash.	(—)Q-26
Washington Cr.	Alas.	(22)J-7
Washington Lake	Wash.	(—)Q-25
Washougal Riv.	Wash.	(4)Q-27
Wasilla Lake	Alas.	(16B)J-11
Wasta Cr. (see Spacious Cr.)		
Waterfall Cr.	Alas. 263	(—)K-12
Waterfall Cr.	Alas. WC19	(8)N-17
Weary Riv.	Alas.	(20)H-13
Weiser Riv.	Idaho	(6)R-28
Wenaha Riv.	Oreg.	(6)R-27
Wenatchee Lake and Riv.	Wash.	(5)Q-25
West Cr. (Brooks Lake)	Alas.	(—)I-14
West Cr.	Alas. 28K	(18)I-15
West Alinchak Cr.	Alas. 128K	(18)I-15
West Finger Cr.	Alas. 485	(—)J-12
West Glacier Cr.	Alas.	(16C)I-13
West LaGorce Cr. (Naknek Lake)	Alas.	(—)I-14
West Twin Cr.	Alas. 293	(15*)K-12
Whakatna Riv.	Alas.	(21)G-9
Whale Cr.	Alas. 636	(—)J-12
Whale Pass	Alas. WR105	(8)N-16
Whalen Cr.	Alas. 80	(15*)K-12
Wheeler Cr.	Alas. W45	(11)N-14
Whisky Cr.	Alas. 853	(—)K-12
Whisky Lake	Alas.	(—)J-10-11
White Cr.	Oreg.	(—)Q-27
White Riv.	Alas. K94	(7)O-17
White Riv.	Wash.	(3)Q-25
Whitechuck Cr.	Wash.	(—)Q-24
Whitehouse Cr.	Calif.	(—)Q-35
Whiting Riv.	Alas.	(12)N-14
Whittier Cr.	Alas. 441	(—)J-12
Wickett Cr.	Alas. 469	(—)J-12
Wide Bay Cr.	Alas.	(—)H-15
Wilby Cr.	Alas. 744	(—)K-12
Wild Cr.	Alas. 26-1K	(18)I-15
Wild Cr.	Alas. 745	(15*)K-12
Wildcat Cr.	Wash.	(—)Q-25
Wilkeson Cr.	Wash.	(—)Q-25
Willamette Riv.	Oreg.	(4)Q-27-28
Willapa Riv.	Wash.	(3)Q-26
Willard Cr.	Alas. K11	(—)O-18
Williams Cr.	Oreg.	(—)Q-30
Willow Cr.	Alas.	(17)J-11
Wills Riv.	Alas. 234	(—)K-11
Wilson Cr.	Wash.	(—)Q-26
Wilson Lake and Riv.	Alas. K34	(7)O-17
Wilson Riv., East Fork	Alas. K34-1	(7)O-17
Wilson Riv.	Oreg.	(2)Q-27
Wind Cr.	Alas.	(22)K-5
Wind Riv. (Wood Riv.)	Alas.	(—)H-13
Wind Riv.	Wash.	(4)Q-27
Windchuck Cr.	Oreg.	(—)P-30
Windy Bay streams	Alas.	(—)J-13
Winstanley Cr.	Alas. K37	(7)O-17
Wishkah Riv.	Wash.	(3)Q-25-26
Wolf Cr.	Alas. WC59	(—)N-16
Wolf Cr.	Alas. K64	(7)N-17
Wolf Cr.	Alas. K88	(—)O-17
Wolverine Cr.	Alas. 631	(16B)J-11
Wolverine Cr.	Alas. K34A	(—)O-17
Wood Riv. and Lakes (see Aleknagik, Beverley, Kulik, Nerka and Little Togiak)	Alas.	(20)H-13
Wood Riv.	Alas.	(22)J-8
Woodward Cr.	Oreg.	(—)P-30
Woodward Cr.	Wash.	(—)Q-25
Wooley Cr.	Calif.	(1)Q-31
Wright Cr.	Alas.	(—)N-14
Wulik Riv.	Alas.	(23)F-G-5
Wynoochee Riv.	Wash.	(3)Q-25-26
"X" Lake	Alas.	(—)N-14
"Y" Cr. and Lake	Alas.	(—)N-14
Yachats Cr.	Oreg.	(—)Q-28
Yakataga Cr.	Alas.	(—)L-12
Yakima Riv.	Wash.	(5)Q-25, Q-R-26
Yaktze Riv.	Alas.	(—)L-13
Yamhill Riv.	Oreg.	(4)Q-27
Yankee Cr.	Idaho	(—)S-28
Yaquina Riv.	Oreg.	(2)P-Q-28

[24] Shown as "Waddel" on map.

Continued ...

APPENDIX I. Continued.

Name	State		Location	Name	State		Location
Yehring Cr.	Alas.	E9E	(12) N-14	Yuko Riv.	Alas.		(21) G-9
Yentna Riv.	Alas.	.	(16B) J-11	Yukon Riv.	Alas.		(21) F-G-9-10
Yes Riv.	Alas.	K54	(7) O-17	"Z" Riv.	Alas.		(—) N-O-14
Young Cr.	Alas.	K179	(—) N-17	Zachar Cr.	Alas.	95K	(18) I-15
Youngs Cr. (Iliamna Lake)	Alas.		(—) I-13	Zachar Riv.	Alas.	94K	(18) I-15
				Zaikof Cr.	Alas.	769	(—) K-12
Youngs Riv.	Oreg.		(4) Q-26-27	Zillesenoff Cr.	Alas.	851	(—) K-12
Yuba Riv.	Calif.		(1) Q-33	Zitziana Riv.	Alas.		(22) J-8

APPENDIX II

NUMERICAL INDEX TO ALASKAN STREAMS WITH CROSS-INDEX TO NAMES

"Location" has the same reference as in Appendix I. Numbers were assigned for our indexing and mapping purposes; U.S. Fish and Wildlife numbering was used in some southeastern Alaskan areas. All the streams listed here are not identified on our maps.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
ALASKA PENINSULA, SOUTH SIDE (EXCLUDING SHELIKOF STRAIT)		
4	(18) H-15–16	
4	(19) G-17	
5	(18) H-15–16	
7	(18) H-15	
8	(18) H-15	Fleming Cr.
9	(18, 19) H-16	
10	(18, 19) H-16	
11	(18, 19) H-16	
12	(18) H-15	
12	(18) H-16	
13	(18) H-16	
14	(18) H-16	
14a	(18) H-16	
15	(18) H-16	
18a	(18) H-16	
18b	(18) H-16	
20	(19) G-17	
20	(19) H-16	
21	(19) G-17	
22	(19) G-17	
22	(19) H-16	
23	(—) G-17	
24	(19) G-17	
26	(19) G-17	
26	(19) H-16	
27	(19) G-17	Canoe Riv.
28	(19) H-16	
30	(19) G-17	Middle Cr.
31	(19) G-17	
32	(19) G-17	
33	(19) G-17	Mino Cr.
33a[1]	(19) G-17	
33b[1]	(19) G-17	
33c[1]	(19) G-17	
40	(19) G-17	
41	(19) G-17	
42	(19) G-17	
43	(19) G-17	
44	(19) G-17	
45	(19) G-17	
46	(19) G-17	
47	(19) G-17	
48	(19) H-17	
49	(19) H-17	
50	(19) H-17	
51	(19) H-17	
52	(19) H-17	
54	(19) H-17	
55	(19) H-17	
56	(19) H-17	
57	(19) H-17	
57a	(19) H-17	
58	(19) H-16	
KODIAK ISLAND (INCLUDING NORTH SHORE OF SHELIKOF STRAIT)		
1K	(18) I-14	Malina Cr.
2K	(18) I-14	Paramanof Lagoon Cr.
3K	(18) I-14	
4K	(18) I-14	
5K	(18) I-14	Perenosa Cr.
6K	(18) I-14	Pauls Lake Cr.
7K	(18) I-14	Saposa Cr.
7K-1	(18) I-14	Little Kitoi Lake Cr.
8K	(18) I-14	Big Kitoi Lake Cr.
9K	(18) I-14	
10K	(18) I-14	Danger Cr.
12K	(18) I-14	Marka Cr.
13K	(18) I-14	
14K	(18) I-14	Afognak Riv.
15K	(18) I-15	Monashka Cr.
16K	(18) I-15	Pillar Cr.
17K	(18) I-15	Buskin Cr.
18K	(18) I-15	Sargent Cr.
19K	(18) I-15	Salonie Riv.
20K	(18) I-15	American Riv.
21K	(18) I-15	Kalsin Cr.
22K	(18) I-15	Sid Olds Riv.
23K	(18) I-15	Sacramento Riv.
24K	(18) I-15	Pasagshak Cr.
25K	(18) I-15	Portage Bay Cr.
26K	(18) I-15	Saltery Cr.
26-1K	(18) I-15	Wild Cr.
27K	(18) I-15	Hidden Basin Cr.
28K	(18) I-15	West Cr.
29K	(18) I-15	Long Arm Cr.
30K	(18) I-15	Gull Point Cr.
31K	(18) I-15	Eagle Harbor Cr.

[1] Shown as "a", "b", "c", on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
40K	(18) I-15	
41K	(18) I-15	Dog Bay Cr.
42K	(18) I-15	Shearwater Cr.
43K	(18) I-15	
44K	(18) I-15	Kiliuda Cr.
45K	(18) I-15	Midway Bay Riv.
46K	(18) I-15	Barling Riv.
50K	(18) I-16	Jean Cr.
51K	(18) I-15	Kaiugnak Cr.
60K	(18) I-15–16	
61K	(18) I-16	Tom's Cr.
62K	(18) I-16	Kaguyak Cr.
65K	(18) I-16	Seven Rivers
66K	(18) I-16	Humpy Cr.
67K	(18) I-15	Russian River
68K	(18) I-16	Silver Salmon Cr.
69K	(18) I-15	Upper Station Cr.
70K	(18) I-16	Sulua Cr.
71K	(18) I-16	Stormy Pt. Cr.
72K	(18) I-16	
73K	(18) I-16	
74K	(18) I-15	Deadman Riv.
75K	(18) I-15	Narrows Cr.
76K	(18) I-15	Horse Marine Cr.
77K	(18) I-15	Dog Salmon Cr.
78K	(18) I-15	Cannery Station Cr.
79K	(18) I-15	Olga Cr.
83K	(18) I-15	Red Riv.
85K	(18) I-15	Halibut Bay Cr.
86K	(18) I-15	Sturgeon Riv.
88K	(18) I-15	Karluk Riv.
90K	(18) I-15	Uyak Riv.
91K	(18) I-15	
93K	(18) I-15	Brown's Lagoon Cr.
94K	(18) I-15	Zachar Riv.
95K	(18) I-15	Zachar Cr.
96K	(18) I-15	Spiridon Riv.
97K	(18) I-15	Little Riv.
98K	(18) I-15	South Arm Cr.
99K	(18) I-15	
100K	(18) I-15	Uganik Riv.
101K	(18) I-15	Terror Riv.
102K	(18) I-15	Baumanns Cr.
103K	(18) I-15	Barabara Cove Cr.
104K	(18) I-15	Kizhuyak Cr.
105K	(18) I-15	Elbow Cr.
106K	(18) I-15	Anton Larson Cr.
107K	(18) I-14	Swikshak Riv.
108K	(18) I-14	Big Riv.
109K	(18) I-14	Village Cr.
110K	(18) I-14	Ninigiak Riv.
111K	(18) I-14	
112K	(18) I-14	Hallo Cr.
113K	(18) I-14	Kukak Cr.
116K	(18) I-14	Kaflia Cr.
119K	(18) I-14	Dakavak Cr.
125K	(18) I-15	Kashvik Cr.
126K	(18) I-15	Bare Cr.
127K	(18) I-15	North Alinchak Cr.
128K	(18) I-15	West Alinchak Cr.
132K	(18) I-15	
PRINCE WILLIAM SOUND		
1	(15*) K-12	
2	(—) K-12	Hartney Cr.
3	(—) K-12	Nicolet Cr.
4	(—) K-12	Heney Cr.
5	(—) K-12	Eccles Cr.
7	(—) K-12	Ocean Dock Cr.
9	(—) K-12	Crater Lake Cr.
10	(—) K-12	
11	(—) K-12	Humpy Cr.
12	(—) K-12	Shepard Cr.
13	(—) K-12	
14	(—) K-12	
15	(15*) K-12	Nelson Cr.
16	(—) K-12	Rude Riv.
17	(—) K-12	
18	(—) K-12	Hidden Cr.
19	(—) K-12	Twin Lake Cr.
20	(15*) K-12	Spring Cr.
21	(—) K-12	Rogue Cr.
22	(—) K-12	
23	(—) K-12	Chase Riv.
24	(—) K-12	
25	(15*) K-12	
26	(—) K-12	Simpson Riv.
27	(—) K-12	Smith Cr.
28	(—) K-12	Durkee Cr.
29	(—) K-12	
30	(—) K-12	
31	(—) K-12	
32	(—) K-12	
33	(—) K-12	
34	(—) K-12	
35	(15*) K-12	Koppen Cr.
36	(—) K-12	Sheep Riv.
37	(—) K-12	Allen Cr.
38	(—) K-12	
39	(—) K-12	
40	(15*) K-12	Gravina Point Cr.
41	(—) K-12	Pass Cr.
42	(—) K-12	
43	(—) K-12	
44	(—) K-12	
45	(—) K-12	Plateau Cr.
46	(—) K-12	Comfort Cr.
47	(—) K-12	
48	(—) K-12	Beartrap Riv.
49	(—) K-12	Cateract Cr.
50	(15*) K-12	Gravina Riv.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any	No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
51	(—)K-12	Olsen Cr.	105	(—)K-12	Bridge Cr.
52	(—)K-12	Control Cr.	106	(—)K-12	Gladhough Cr.
53	(—)K-12		107	(—)K-12	Black Cr.
54	(—)K-12	Carlsen Cr.	108	(15*)K-12	Bligh Cr.
55	(—)K-12		109	(—)K-12	Ranch Cr.
56	(—)K-12	Saint Matthews Cr.	110	(—)K-12	Fox Cr.
57	(—)K-12		111	(—)K-12	Cloudman Cr.
58	(—)K-12		112	(—)K-12	Katelnikoff Cr.
59	(—)K-12		113	(15*)K-12	Bushby Cr.
60	(—)K-12		114	(—)K-12	Turner Cr.
61	(—)K-12		115	(15*)K-12	Millard Cr.
62	(—)K-12		116	(—)K-12	Duck Riv.
63	(—)K-12		117	(—)K-12	Indian Cr.
64	(—)K-12		118	(—)K-12	Krause Cr.
65	(15*)K-12	Coho Cr.	119	(—)K-12	Johnson Cove Cr.
66	(—)K-12		120	(—)K-12	Donaldson Cr.
67	(—)K-12	Knowls Cr.	121	(—)K-11	Levshakoff Cr.
67a	(—)K-12	Sunny Riv.	122	(—)K-11	
68	(—)K-12		123	(—)K-12	Gregorioff Cr.
69	(—)K-12		124	(—)K-11-12	
70	(—)K-12		125	(15*)K-12	
71	(—)K-12		126	(—)K-12	
72	(—)K-12	Two Moon Cr.	127	(—)K-11-12	Naomoff Cr.
73	(—)K-12	Tundra Cr.	128	(—)K-11	
74	(—)K-12		129	(—)K-11	Vlasoff Cr.
75	(—)K-12		130	(15*)K-11	Confusion Cr.
76	(—)K-12	Irish Cr.	131	(—)K-11	
77	(—)K-12		132	(—)K-11	
78	(—)K-12		133	(—)K-11	Sawmill Cr.
79	(—)K-12		134	(—)K-11	Dayville Cr.
80	(15*)K-12	Whalen Cr.	135	(15*)K-11	Allison Cr.
81	(—)K-12		136	(—)K-11	Soloman Cr.
82	(—)K-12		137	(15*)K-11	Lowe Riv.
83	(—)K-12	Keta Cr.	138	(—)K-11	
84	(—)K-12		139	(—)K-11	
85	(15*)K-12		140	(15*)K-11	
86	(—)K-12	Fidalgo Riv.	141	(—)K-11	
87	(—)K-12		142	(—)K-11	
88	(—)K-12	Short Cr.	143	(—)K-11	Siwash Cr.
89	(—)K-12	Fish Cr.	144	(—)K-11	
90	(15*)K-12		145	(15*)K-11	Crooked Cr.
91	(—)K-12		146	(—)K-11	
92	(—)K-12	Shale Cr.	147	(—)K-11	Mineral Cr.
93	(—)K-12	Kirkwood Cr.	148	(—)K-11	Gilmour Cr.
94	(—)K-12	Rock Cr.	149	(—)K-11	Gold Cr.
95	(—)K-12	Cutthroat Cr.	150	(15*)K-11	Kaydas Cr.
96	(—)K-12	Banzer Cr.	151	(—)K-11	
97	(—)K-12		152	(—)K-11	Twin Falls Cr.
98	(—)K-12	Rainbow Cr.	153	(—)K-11	Stellar Cr.
99	(—)K-12	Lagoon Cr.	154	(—)K-11	
100	(—)K-12	Borodkin Cr.	155	(—)K-12	
101	(—)K-12	Tedishoff Cr.	201	(—)K-12	Emerald Cr.
102	(—)K-12	Tatitlak Cr.	202	(—)K-12	
103	(—)K-12	Brown Cr.	203	(—)K-12	
104	(—)K-12	Boardwalk Cr.	204	(—)K-12	

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
205	(15*) K-12	Columbia Cr.
206	(—) K-11	
207	(—) K-11	
208	(—) K-12	
209	(—) K-12	Useless Cr.
210	(15*) K-12	
211	(—) K-12	
212	(—) K-12	
213	(—) K-11	Bench Mark Cr.
214	(—) K-12	Long Cr.
215	(15*) K-12	
216	(—) K-12	Vanishing Cr.
217	(—) K-12	
218	(—) K-12	Billies Hole
219	(—) K-12	
220	(—) K-12	
221	(—) K-12	Eickelberg Cr.
222	(—) K-12	Sere Cr.
223	(—) K-12	
224	(—) K-12	Backyard Cr.
225	(—) K-12	Fletcher Cr.
226	(—) K-12	
227	(—) K-12	Granite Cr.
228	(—) K-12	
229	(—) K-12	
230	(15*) K-12	
231	(—) K-12	
232	(—) K-12	
233	(—) K-11	
234	(—) K-11	Wills Riv.
235	(15*) K-11	
236	(—) K-11	
237	(—) K-12	
238	(—) K-12	
239	(—) K-12	
240	(—) K-12	
241	(—) K-11	Cannery Cr.
242	(—) K-11	Cow Pen Cr.
243	(—) K-11	
244	(—) K-11	Miner's Riv.
245	(15*) K-11	
246	(—) K-11	
247	(—) K-11	
248	(—) K-11	
249	(—) K-11	
250	(15*) K-11	
251	(—) K-11	
252	(—) K-11	
253	(—) K-11	
254	(—) K-11	
255	(15*) K-11	
256	(—) K-11	
257	(—) K-11	
258	(—) K-11	Jonah Cr.
259	(—) K-11	
260	(15*) K-12	
261	(—) K-12	
262	(—) K-12	
263	(—) K-12	Waterfall Cr.
264	(—) K-11	Siwash Riv.
265	(—) K-12	Unakwik Cr.
266	(—) K-12	
267	(—) K-12	
268	(—) K-12	
269	(—) K-12	Kiniklik Cr.
270	(15*) K-12	Pellew Cr.
271	(—) K-12	Anchorage Cr.
272	(—) K-12	
273	(—) K-12	Schoppe Cr.
274	(—) K-12	
275	(15*) K-12	
276	(—) K-12	Black Bear Cr.
277	(—) K-12	
278	(—) K-12	
279	(—) K-12	Canyon Cr.
280	(15*) K-12	
281	(—) K-12	Eaglek Riv.
282	(—) K-12	
283	(—) K-12	
284	(—) K-12	
285	(15*) K-12	Cascade Riv.
286	(—) K-12	
287	(—) K-12	
288	(—) K-12	
289	(—) K-12	Derickson Cr.
290	(—) K-12	
291	(—) K-12	
292	(—) K-12	Papoose Cr.
293	(15*) K-12	West Twin Cr.
294	(15*) K-12	East Twin Cr.
295	(15*) K-12	Lambert Lagoon
296	(15*) K-12	Naked Cr.
297	(—) K-12	Clock Cr.
298	(15*) K-12	Finski Cr.
299	(15*) K-12	Campbell Cr.
299a	(—) K-12	Cedar Cr.
300	(—) K-12	Red Cr.
301	(—) K-12	
302	(—) K-12	
303	(—) K-12	Triple Cr.
304	(—) K-12	
305	(—) J-12	
306	(—) J-12	
307	(—) J-12	Village Cr.
308	(—) J-12	
309	(—) J-12	
310	(15*) J-K-12	Golden Lagoon
311	(—) K-12	Golden Riv.
312	(—) K-12	
313	(—) K-12	

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
314	(—) K-11	Avery Riv.
315	(15*) K-12	
316	(—) K-12	
317	(—) K-11	
318	(—) K-11	Crescent Riv.
319	(—) K-11	
320	(15*) K-11	Amherst Riv.
321	(—) K-11	Lafayette Riv.
322	(—) K-11	Coghill Riv.
323	(—) K-11	
324	(—) K-11	
325	(15*) K-11	
326[2]	(15*) K-11	
327	(—) K-11	Holyoke Cr.
328	(—) J-12	
329	(—) J-12	
330	(15*) J-12	
331	(—) J-12	
332	(—) J-12	
333	(—) J-12	
334	(—) J-12	
335	(15*) J-12	
336	(—) J-12	Esther Riv.
337	(—) J-12	
338	(—) J-12	
339	(—) J-12	
340	(—) K-12	
341	(—) K-12	
342	(—) K-12	
343	(—) J-12	
344	(—) J-K-12	Shoestring Cr.
345	(—) K-12	
400	(—) J-11	
401	(—) J-11	
402	(—) J-11	Mosquito Cr.
403	(—) J-11	
404	(—) J-11	
405	(15*) J-11	
406	(—) J-11	
407	(—) J-11	
408	(—) J-11	
409	(—) J-11	
410	(15*) J-11	
411	(—) J-11	
412	(—) J-11	
413	(—) J-12	
414	(—) J-12	Harrison Cr.
415	(—) J-12	
416	(—) J-12	
417	(—) J-12	Hobo Cr.
418	(—) J-12	
419	(—) J-12	
420	(15*) J-12	
421	(—) J-12	Mill Cr.
422	(—) J-12	Bettles Riv.
423	(—) J-12	
424	(—) J-12	
425	(15*) J-12	Hummer Cr.
426	(—) J-12	
427	(—) J-12	
428	(—) J-12	Pirate Cr.
429	(—) J-12	
430	(15*) J-12	Meacham Cr.
431	(—) J-12	Pigot Riv.
432	(—) J-12	Swanson Cr.
433	(—) J-12	
434	(—) J-12	Entry Cove Cr.
435	(—) J-12	Logging Camp Cr.
436	(—) J-12	Poe Riv.
437	(—) J-12	
438	(—) J-12	Billings Riv.
439	(—) J-12	
440	(15*) J-12	Shakespeare Cr.
441	(—) J-12	Whittier Cr.
442	(—) J-12	Cove Cr.
443	(—) J-12	Trinity Cr.
444	(—) J-12	
445	(—) J-12	
446	(—) J-12	Shotgun Cr.
447	(—) J-12	Squirrel Cr.
448	(—) J-12	
449	(—) J-12	
450	(15*) J-12	Tebenkof Cr.
451	(—) J-12	Blackstone Cr.
452	(—) J-12	
453	(—) J-12	Surprise Cr.
454	(—) J-12	Halferty Cr.
455	(15*) J-12	Paulson Cr.
456	(—) J-12	
457	(—) J-12	
458	(—) J-12	Parks Cr.
459	(—) J-12	Rainy Cr.
460	(15*) J-12	Strom Cr.
461	(—) J-12	Cochrane Cr.
462	(—) J-12	
463	(—) J-12	
464	(—) J-12	Gilbert Cr.
465	(—) J-12	Robbers Cr.
466	(—) J-12	
467	(—) J-12	
468	(—) J-12	
469	(—) J-12	Wickett Cr.
470	(15*) J-12	
471	(—) J-12	Narrows Cr.
472	(—) J-12	
473	(—) J-12	
474	(—) J-12	
475	(—) J-12	
476	(—) J-12	Shrode Cr.

[2] Shown as "328" on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
477	(—) J-12	
478	(15*) J-12	
479	(—) J-12	Culross Cr.
480	(—) J-12	Mink Cr.
481	(—) J-12	
482	(—) J-12	
483	(—) J-12	
484	(—) J-12	East Finger Cr.
485	(—) J-12	West Finger Cr.
486	(—) J-12	Turn Cr.
487	(—) J-12	Kings Riv.
488	(—) J-12	Nellie Juan Riv.
489	(—) J-12	
490	(15*) J-12	Greystone Cr.
491	(—) J-12	Deep Water Cr.
492	(—) J-12	
493	(—) J-12	Most Cr.
494	(—) J-12	
495	(15*) J-12	Chimevisky Lagoon
496	(—) J-12	
497	(—) J-12	
498	(—) J-12	McClure Cr.
499	(—) J-12	Shipyard Cr.
500	(15*) J-12	Port Nellie Juan Cr.
501	(—) J-12	Tiedeman Cr.
502	(—) J-12	Discher Cr.
503	(—) J-12	Main Riv.
504	(—) J-12	Comstock Cr.
505	(15*) J-12	Hanning Cr.
506	(—) J-K-12	Loomis Cr.
507	(—) J-12	Gumboot Cr.
508	(—) J-12	
509	(—) J-12	
510	(—) J-12	Eleshansky Cr.
511	(—) J-12	Eshamy Riv.
512	(—) J-12	
513	(—) J-12	
514	(—) J-12	
515	(15*) K-12	
516	(—) J-12	Clemence Cr.
600	(15*) J-12	
601	(—) J-11	Paddy Cr.
602	(—) J-12	Nacktan Cr.
603	(—) J-12	Ewan Cr.
604	(—) J-12	Erb Cr.
605	(—) J-12	
606	(—) J-12	
607	(—) J-12	
608	(—) J-12	Jack Pot Riv.
609	(—) J-12	
610	(15*) J-12	Kompkoff Riv.
611	(—) J-12	
612	(—) J-12	
613	(—) J-12	Jackson Cr.
614	(—) J-12	Spiros Cr.
615	(—) J-12	
616	(—) J-12	Tiger Cr.
617	(—) J-12	Princeton Cr.
618	(—) J-12	Junction Cr.
619	(—) J-12	
620	(—) J-12	
621	(—) J-12	Totemoff Cr.
622	(—) J-12	
623	(—) J-12	Brizgaloff Cr.
624	(—) J-12	
625	(—) J-12	Kononoff Cr.
626	(—) J-12	
627	(—) J-12	Kake Cr.
628	(—) J-12	Chenega Cr.
629	(—) J-12	
630	(—) J-12	Bainbridge Cr.
631	(—) J-12	
632	(—) J-12	Claw Cr.
623	(—) J-12	Pablo Cr.
634	(—) J-12	
635	(—) J-12	
636	(—) J-12	Whale Cr.
637	(—) J-12	Countess Cr.
638	(—) J-12	
639	(—) J-12	Passage Cr.
640	(—) J-12	
641	(—) J-12	
642	(—) J-12	
643	(—) J-12	
644	(—) J-13	
645	(15*) J-13	
646	(—) J-13	Puget Lake
647	(—) J-12	
648	(—) J-12	
649	(—) J-12	Puget Riv.
650	(15*) J-13	
651	(—) J-12	Doubtful Cr.
652	(—) J-12	
653	(—) J-12	Hogg Cr.
654	(—) J-12	
655	(—) J-12	Johnson Cr.
656	(—) J-12	Halverson Cr.
657	(—) J-12	
658	(—) J-12	
659	(—) J-12	
660	(—) K-12	
661	(—) J-12	Calvert Cr.
662	(—) K-12	
663	(—) K-12	Shelter Cr.
664	(—) K-12	Evans Cr.
665	(15*) K-12	Bjorne Cr.
666	(—) J-12	O'Brien Cr.
667	(—) J-12	Anderson Cr.
668	(—) J-12	Ashton Cr.
669	(—) J-12	Larsen Cr.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
670	(—) J-13	Montgomery Cr.
671	(—) K-13	
672	(—) K-12	
673	(—) K-12	Fall Cr.
674	(—) K-12	
675	(—) K-12	Chicken Cr.
676	(—) K-12	Horseshoe Cr.
677	(—) K-12	Hayden Cr.
678	(—) K-12	
679	(15*) K-13	
680	(—) K-12	Thumb Cr.
681	(—) K-12	Hogan Cr.
682	(—) K-12	Snug Harbour Cr.
683	(—) K-12	
684	(—) K-12	South Cr.
685	(15*) K-12	North Cr.
686	(—) K-12	
687	(—) K-12	Sockeye Cr.
687a	(—) K-12	Trail Cr.
688	(—) K-12	
689	(—) K-12	Louis Cr.
690	(15*) K-12	
691	(—) K-12	
692	(—) K-12	Herring Cr.
693	(—) K-12	
694	(—) K-12	
695	(—) K-12	Audrey Cr.
696	(—) K-12	
697	(—) K-12	Barnes Cr.
698	(—) K-12	Mallard Cr.
699	(—) K-12	Cathead Cr.
700	(15*) K-13	
701	(—) K-13	Trap Cr.
702	(—) K-13	Point Cr.
703	(—) K-13	
704	(—) K-13	
705	(15*) K-13	
706	(—) K-13	Logger's Cr.
707	(—) K-13	Macleod Cr.
708	(—) K-13	
709	(—) K-13	
710	(15*) K-13	Hanning Cr.
711	(—) K-13	Quadra Cr.
712	(—) K-13	
713	(—) K-13	
714	(—) K-12-13	
715	(15*) K-12	
716	(—) K-12	
717	(—) K-12	
718	(—) K-12	
719	(—) K-12	
720	(15*) K-12	
721	(—) K-12	
722	(—) K-12	
723	(—) K-12	
724	(—) K-12	
725	(15*) K-12	
726	(—) K-12	Montague Cr.
727	(—) K-12	
728	(—) K-12	
729	(—) K-12	
730	(15*) K-12	
731	(—) K-12	
732	(—) K-12	
733	(—) K-12	
734	(—) K-12	
735	(15*) K-12	
736	(—) K-12	
737	(—) K-12	
738	(—) K-12	Russell Cr.
739	(—) K-12	Swamp Cr.
740	(—) K-12	
741	(15*) K-12	Chalmers Riv.
742	(—) K-12	
743	(—) K-12	
744	(—) K-12	Wilby Cr.
745	(15*) K-12	Wild Cr.
746	(—) K-12	Schuman Cr.
747	(—) K-12	Cabin Cr.
748	(—) K-12	
749	(—) K-12	Shad Cr.
750	(—) K-12	
751	(—) K-12	
752	(—) K-12	Stockdale Cr.
753	(—) K-12	
754	(—) K-12	Dry Cr.
755	(15*) K-12	
756	(—) K-12	Graveyard Cr.
757	(—) K-12	
758	(—) K-12	
759	(—) K-12	Rocky Cr.
760	(15*) K-12	Curran Cr.
761	(—) K-12	
762	(—) K-12	
763	(—) K-12	
764	(—) K-12	
765	(—) K-12	
766	(—) K-12	Carr Cr.
767	(—) K-12	
768	(—) K-12	
769	(—) K-12	Zaikof Cr.
770	(—) K-12	Udall Cr.
771	(—) K-12	McKernan Cr.
772	(—) K-12	
773	(—) K-12	
774	(—) K-12	Rosswog Cr.
775	(15*) K-12	Beach Riv.
775a	(15*) K-12	Pautzke Cr.
776	(—) K-12	
777	(—) K-12	Schooner Cr.
778	(15*) K-12	

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
779	(—) K-13	Nellie Martin Riv.
780	(—) K-13	
781	(—) K-13	
782	(—) K-13	Patton Cr.
783	(—) K-13	
784	(—) K-13	Jeanie Cr.
785	(—) K-13	
786	(—) K-13	
787	(15*) K-13	
788	(15*) K-12	Green Cr.
789	(15*) K-12	Gibbon Cr.
800	(15*) K-12	Lighthouse Cr.
801	(—) K-12	
802	(—) K-12	
803	(—) K-12	English Cr.
804	(—) K-12	
805	(15*) K-12	
806	(—) K-12	Dog Salmon Cr.
807	(—) K-12	Beaver Cr.
808	(—) K-12	
809	(—) K-12	
810	(15*) K-12	Garden Cr.
811	(—) K-12	Etches Cr.
812	(—) K-12	Nuchek Cr.
813	(—) K-12	
814	(—) K-12	
815	(15*) K-12	Constantine Cr.
816	(—) K-12	Bear Cape Cr.
817	(—) K-12	Deer Cr.
818	(—) K-12	Juania Cr.
819	(—) K-12	
820	(15*) K-12	
821	(—) K-12	Brown Bear Cr.
822	(—) K-12	
823	(—) K-12	Johnstone Cr.
824	(—) K-12	
825	(15*) K-12	Eagle Cr.
826	(—) K-12	
827	(—) K-12	Captain Cr.
828	(—) K-12	Cook Cr.
829	(—) K-12	King Cr.
830	(15*) K-12	
831	(—) K-12	Double Cr.
832	(—) K-12	
833	(—) K-12	Bates Cr.
834	(—) K-12	Hardy Cr.
835	(—) K-12	Scott Cr.
836	(—) K-12	Dan's Cr.
837	(—) K-12	
838	(—) K-12	
839	(—) K-12	
840	(15*) K-12	
841	(15*) K-12	Kenny Cr.
842	(15*) K-12	Muddy Cr.
843	(—) K-12	
844	(—) K-12	Makarka Cr.
845	(15*) K-12	
846	(—) K-12	
847	(—) K-12	Hawkins Cr.
848	(—) K-12	
849	(—) K-12	Rollin Cr.
850	(—) K-12	Canoe Cr.
851	(—) K-12	Zillesenoff Cr.
852	(—) K-12	
853	(—) K-12	Whisky Cr.
854	(—) K-12	
855	(15*) K-12	
856	(—) K-12	
857	(—) K-12	
858	(—) K-12	
859	(—) K-12	
860	(—) K-12	
861	(—) K-12	Bernard Cr.
862	(—) K-12	Clamdigger's Cr.
863	(—) K-12	Orca Cr.
864	(—) K-12	
865	(—) K-12	Deep Cr.
866	(—) K-12	Hyde Cr.
867	(—) K-12	
868	(—) K-12	Bluff Cr.
869	(—) K-12	
870	(15*) K-12	FAA Cr.
871	(—) K-12	Derilict Cr.
SOUTHEASTERN ALASKA		
E1	(12) N-14	Limestone Cr.
E1A	(12) N-14	Prospect Cr.
E1B	(12) N-14	
E1C	(12) N-15	Sweetheart Cr.
E1D	(12) N-15	
E1E	(12) N-15	
E1F	(12) N-15	
E2	(10) N-15	Sophia Cr.
E3	(10) N-15	Chuck Riv.
E3A	(10) N-15	Surprise Cr.
E3B	(10) N-15	
E3C	(10) N-15	
E4	(10) N-14	
E4A	(10) N-15	
E4B	(10) N-15	
E5	(10) N-15	
E5A	(10) N-15	
E6	(10) N-15	
E6A	(10) N-15	
E7	(10) N-15	Farragut Riv.
E7A	(10) N-16	Muddy River
E7B	(—) N-16	
E7C	(10) N-15	Cascade Cr.
E7D	(10) N-15	
E8	(10) N-15	Scenery Cr.
E9A	(—) N-14	

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
E9B	(12) N-14	Hilda Cr.
E9C	(12) N-14	Fish Cr.
E9D	(12) N-14	Sockeye Cr.
E9E	(12) N-14	Yehring Cr.
E9F	(—) N-14	Moose Cr.
E10	(11) N-14	Bear Cr.
E10A	(11) N-14	Admiralty Cr.
E10B	(12) N-14	Peterson Cr.
E10C	(12) N-14	Lake Cr.
E10D	(12) N-14	Salmon Cr.
E10F	(12) N-14	
E10G	(12) N-14	Fish Cr.
E11	(11) N-14	
E12	(11) N-14	King Salmon Cr.
E12A	(—) N-15	
E13	(11) N-14–15	Swan Cove Cr.
E13A	(11) N-15	Pack Cr.
E13B	(11) N-14	
E14	(11) N-15	
E14A	(11) N-15	
E14B	(11) N-15	
E14C	(—) N-15	
E14D	(—) N-15	
E15	(11) N-15	Mole Riv.
E15A	(—) N-15	
E16	(11) N-15	
E17	(11) N-15	
E18	(11) N-15	
E18A	(11) N-15	
E19	(11) N-15	
E20	(11) N-15	
E21	(—) N-15	Old Man's Cr.
E22	(11) N-15	
E22A	(—) N-15	
E23	(11) N-15	
E23A	(—) N-15	
E24	(11) N-15	
E25	(11) N-15	
E25A	(—) N-15	
E26	(11) N-15	
E27	(11) N-15	
E28	(11) N-15	
E28A	(—) N-15	
E28B	(—) N-15	
E28C	(—) N-15	
E28D	(—) N-15	
E29	(11) N-15	
E30	(11) N-15	
E31	(—) N-15	
E31B	(—) N-15	
E31C	(—) N-15	Twelvemile Cr.
E31D	(—) N-15	Fivemile Cr.
E32	(—) N-16	
E32A	(10) N-16	
E33	(10) N-16	Cathedral Falls Cr.
E33A	(10) N-16	Hamilton Cr.
E34	(10) N-16	
E34A	(—) N-16	Big John Cr.
E34C	(10) N-16	Irish Cr.
E35	(9) N-16	Port Camden Cr.
E35A	(—) N-16	
E35B	(9) N-16	
E36	(9) N-16	Kadak Cr.
E37	(9) N-16	
E37B[3]	(9) N-16	
E38	(9) N-16	Straight Cr.
E38A	(—) N-16	
E39	(—) N-16	Saginaw Cr.
E40	(—) N-16	
E40A	(9) N-16	
E41	(9) N-16	
E41A	(—) N-16	
E41B	(—) N-16	
E42	(9) N-16	
E42A	(9) N-16	
E42B	(—) N-16	
E42C	(—) N-16	
E43	(9) N-16	
E43A	(9) N-16	
E43B	(9) N-16	Piledriver Cr.
E43C	(—) N-16	
E43E	(—) N-16	
E43F	(—) N-16	Kwatahein Cr.
E44	(9) N-16	
E44A	(—) N-16	
E44B	(9) N-16	
E44C	(9) N-16	
E44D	(—) N-16	Alecks Cr.
E44E	(—) N-16	
E45	(—) N-16	
E45A	(—) N-16	
E45B	(—) N-16	
E45C	(—) N-16	
E45D	(—) N-16	
E46	(9) N-16	
E46A	(9) N-16	
E46B	(9) N-16	
E46C	(—) N-16	
E47[4]	(9) N-16	Deep Cr.
E47A	(9) N-16	
E47B	(—) N-16	
E48	(9) N-16	
E48A	(9) N-16	
E48B	(9) N-16	
E49	(9) N-16	Sashin Cr.
E49A	(9) N-16	
I1	(13) N-14	
I1A	(13) N-14	

[3] Shown as "E37C" on map.

[4] Shown as "47" on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
I1B	(13) N-14	
I1C	(13) N-14	
I2	(13) N-14	Neva Cr.
I3	(13) N-14	
I8	(13) M-14	
I9	(11) M-14	
I9A	(—) M-14	
I10	(11) M-14	Humpy Cr.
I11	(—) M-14	
I11A	(11) M-14	
I12	(11) M-14	
I12A	(—) M-14	
I12B	(—) M-14	
I13	(—) M-N-14	
I13A	(—) N-14	
I13B	(11) M-14	
I13C	(—) N-14	
I14	(11) N-14	
I14A	(11) N-14	Chicken Cr.
I14B	(—) N-14	
I15	(11) N-14	Granite Cr.
I16	(11) N-14	Game Cr.
I17	(11) N-14-15	Seagull Cr.
I17A	(—) N-15	Bear Cr.
I17B	(—) N-14	
I18	(—) N-14	
I19	(11) N-14	Humpback Cr.
I20	(11) N-14	Spasski Cr.
I21	(11) N-14	
I22	(—) N-14	
I23	(11) N-14-15	
I24	(11) N-14	
I25	(11) N-14	Hubbard Cr.
I26	(13) N-14	Salmon Riv.
I27	(13) N-14	Bartlett Riv.
I28	(13) N-14	
I28A	(13) N-14	
I29[5]	(13) M-14	
I30	(13) M-14	
I31	(13) M-14	
K1	(7) O-17	Salmon Riv.
K2	(7) O-17	Halleck Riv.
K3	(7) O-17	Tombstone Riv.
K4	(7) O-17	Halibut Cr.
K4A	(—) O-17	
K4B	(—) O-17	
K5	(7) O-17	Sandfly Cr.
K6	(7) O-17	Hidden Cr.
K6A	(—) O-17	
K7	(—) O-18	Cannery Cr.
K8	(7) O-18	Fillmore Riv.
K8A	(—) O-18	
K8B	(—) O-18	
K9	(7) O-18	Canine Cr.
K9A	(—) O-18	
K10	(7) O-18	
K11	(—) O-18	Willard Cr.
K11A	(—) O-18	Flat Cr.
K11B	(—) O-18	
K13	(7) O-18	Nakat Cr.
K13A	(—) O-18	
K13B	(—) O-18	
K14	(—) O-18	Sockeye Cr.
K14A	(—) O-18	
K14B	(—) O-18	
K15	(—) O-18	
K16	(7) O-18	Harry Cr.
K17	(—) O-18	Breakwater Cr.
K18	(7) O-17	Very Cr.
K18A	(—) O-17	
K18B	(—) O-18	
K18C	(—) O-18	
K18D	(—) O-18	
K19	(7) O-17	Kah Shakes Cr.
K19A	(—) O-17	
K20	(7) O-17	Vixen Cr.
K20A	(—) O-17	
K21	(—) O-17	Humpback Cr.
K21A	(—) O-17	Mink Cr.
K22	(—) O-17	Sockeye Cr.
K22-1	(—) O-17	Buschmann Cr.
K22-2	(—) O-17	Cobb Cr.
K23	(7) O-17	Marten Riv.
K23A	(7) O-17	Red Riv.
K24	(7) O-17	Keta Riv.
K25	(—) O-17	Badger Cr.
K26	(—) O-17	
K26A	(—) O-17	
K27	(—) O-17	Black Cr.
K28	(7) O-17	
K28A	(—) O-17	
K29	(—) O-17	
K30	(—) O-17	Carp Cr.
K31	(7) O-17	Skull Cr.
K31A	(—) O-17	
K31B	(7) O-17	Sheridan Cr.
K33	(—) O-17	Bakewell Cr.
K34	(7) O-17	Wilson Riv.
K34-1	(7) O-17	Wilson Riv., East Fork
K34A	(—) O-17	Wolverine Cr.
K35	(7) O-17	Cabin Cr.
K36	(—) O-17	
K36A	(—) O-17	
K37	(7) O-17	Winstanley Cr.
K38	(7) O-18	Checats Cr.
K39	(7) O-17	Big Goat Cr.
K40	(—) O-17	Boulder Cr.
K41	(7) O-17	Rudyerd Riv.
K41A	(—) O-17	

[5] Shown as "29" on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
K42	(—)O-17	Nooya Cr.
K43	(7)O-17	Walker Cr.
K43A	(—)O-17	
K43B	(—)O-17	
K44	(7)O-17	Chickamin Riv.
K44-	(—)O-17	Basin Cr.
K44-2	(—)O-17	King Salmon Cr.
K44-3	(—)O-17	Humpy Cr.
K44-4	(7)O-17	Barrier Cr.
K44-5	(—)O-17	Clearwater Cr.
K45	(—)O-17	Robinson Cr.
K46	(7)O-17	Saks Cr.
K46A	(—)O-17	Fitzgibbon Cr.
K47	(7)O-16	Klahini Riv.
K48	(7)O-16	Unuk Riv.
K48-	(—)O-17	Clear Cr.
K48-[6]	(7)O-16	Lake Cr.
K48-1	(7)O-16	Eulachon Cr.
K49	(7)O-16	Grant Cr.
K50	(—)O-16-17	Herman Cr.
K51	(—)O-16	Anchor Cr.
K52	(—)O-16	Short Cr.
K53	(—)O-17	Shelokum Cr.
K54	(7)O-17	Yes Riv.
K54A	(—)O-17	
K54B	(—)O-17	
K54-1	(7)O-16-17	Hatchery Cr.
K55	(—)O-17	Spacious Cr. (Wasta Cr.)
K55A	(—)O-17	
K55B	(—)O-17	
K55C	(—)O-17	
K55D	(—)O-17	Heckman Cr.
K56	(—)O-17	Stewart Cr.
K56A	(—)O-17	
K57	(7)O-17	Raymond Cr.
K58	(—)O-17	Helm Cr.
K59	(—)N-17	
K60	(7)O-N-17	Smugglers Cr.
K61	(—)O-17	
K62	(7)N-17	Niblack Cr.
K63	(7)N-17	Jim Cr.
K64	(7)N-17	Wolf Cr.
K65	(—)N-17	Meyers Cr.
K66	(7)N-17	Black Bear Cr.
K66A	(—)N-17	
K67	(7)N-17	Alava Cr.
K68	(7)O-18	Narrow Pass Cr.
K69	(7)O-17	
K70	(—)O-17	Swansons Cr.
K71	(—)O-17	
K72	(7)O-18	Ella Cr.
K73	(—)O-17	
K74	(—)O-17	Manzanita Cr.
K75	(—)O-17	Grace Cr.
K76	(—)O-17	Snip Cr.
K77	(7)O-17	Portage Cr.
K78	(—)O-17	Indian Cr.
K79	(7)O-17	Cow Cr.
K80	(7)O-17	Beaver Cr.
K81	(7)O-17	Bell Cr.
K82	(7)O-17	Klu Cr.
K82A	(—)O-17	Klam Cr.
K83[7]	(7)O-17	Neets Cr.
K84	(7)O-17	Traitors Cr.
K85	(7)O-17	Margaret Cr.
K86	(—)O-17	Loring Cr.
K87	(7)O-17	Naha Riv.
K87A	(—)O-17	Steelhead Cr.
K88	(—)O-17	Wolf Cr.
K89	(—)O-17	Moser Cr.
K89A	(—)O-17	
K90	(—)O-17	Ward Cr.
K90A	(—)O-17	Carlana Cr.
K91	(—)O-17	Ketchikan Cr.
K92	(—)O-17	Herring Cr.
K93	(—)O-17	Mahoney Cr.
K94	(7)O-17	White Riv.
K95	(—)O-17	Leask Cr.
K96	(—)O-17	Salt Cr.
K96A	(—)O-17	
K97	(—)O-17	
K98	(—)O-17	Nigelius Cr.
K99	(7)O-17	Carroll Riv.
K99A	(—)O-17	Swan Cr.
K99B	(—)O-17	
K99C	(—)O-17	
K100	(7)O-17	Spit Point Cr.
K101	(7)O-17	
K101A	(—)O-17	
K102	(—)O-17	
K103	(—)O-17	Fish Cr.
K104	(7)O-17	Sea Level Cr.
K105	(7)O-17	Lucky Cr.
K106	(7)O-18	Pond Cr.
K107	(—)O-18	
K107A	(—)O-18	
K108	(7)O-17	Tamgas Cr.
K108A	(—)O-17	
K109	(7)O-17	
K110	(—)O-17	Kwain Cr.
K111	(7)O-17	Crab Cr.
K111A	(—)O-17	
K112	(—)O-17	Bush Cr.
K113	(—)O-17	Trout Cr.
K114	(7)O-17	Bostwick Cr.
K114A	(—)O-17	
K115	(—)O-17	
K116	(—)O-17	Vallenar Cr.

[6] Shown as "K48" on map.

[7] Shown as "K13" on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
K116A	(—) O-17	
K117	(7) O-17	
K117A	(—) O-17	
K117B	(7) O-17	Dall Cr.
K119	(8) N-18	
K120	(8) N-18	
K121	(—) N-18	
K121A	(—) N-18	
K122A	(—) N-18	
K123	(—) N-18	
K123A	(—) N-18	
K124	(8) N-18	
K125	(8) N-18	
K126	(—) N-18	
K127	(8) N-18	Johnson Cr.
K128	(—) N-18	Perkins Cr.
K129	(—) N-18	
K130	(8) N-18	
K131	(—) N-18	
K132	(8) N-18	
K133	(—) N-17	Frederick Cr.
K133A	(8) N-18	
K134	(—) N-17-18	
K134A	(—) N-17	
K134B	(—) N-17	
K135	(8) N-17	
K135A	(—) N-17	
K135B	(—) N-17	
K136	(—) N-17	Kegan Cr.
K137	(—) N-17	Aiken Cr.
K138	(—) N-17	Miller Cr.
K138A	(—) N-17	
K139	(8) N-17	Dolomi Cr.
K140	(—) N-17	
K141	(—) N-17	
K142	(—) N-17	
K143	(—) N-17	
K144	(—) N-17	
K145	(—) N-17	
K146	(—) N-17	
K147	(—) N-17	
K148	(—) N-17	Dora Cr.
K149	(—) N-17	
K150	(8) N-17	Disappearance Cr.
K151	(—) N-17	
K152	(—) N-17	Cannery Cr.
K153	(—) N-17	Tom Cr.
K154	(—) N-17	Lagoon Cr.
K155	(8) N-17	
K155A	(—) N-17	
K156	(8) N-17	Sunny Cr.
K156A	(—) N-17	
K157	(—) N-17	Clover Cr.
K158	(—) N-17	
K159	(—) N-17	
K160	(8) N-17	Saltery Cr.
K160A	(—) N-17	
K161	(—) N-17	
K162	(8) N-17	Omar Cr.
K162A	(—) N-17	
K163	(—) N-17	Old Toms Cr.
K164	(—) N-17	
K165	(8) N-17	Polk Cr.
K165A	(—) N-17	
K166	(—) N-17	Rock Cr.
K167	(—) N-17	Dog Salmon Cr.
K168	(—) N-17	
K169	(8) N-17	Cabin Cr.
K170	(—) N-17	Old Franks Cr.
K171	(—) N-17	
K171A	(—) N-17	
K172	(—) N-17	Ives Cr.
K173	(—) N-17	
K174	(—) N-17	Kina Cr.
K175	(8) N-17	Twelvemile Cr.
K175A	(—) N-17	
K175B	(—) N-17	
K176	(8) N-17	Harris Riv.
K176-1	(—) N-17	Indian Cr.
K177	(8) N-17	Maybeso Cr.
K177A	(—) N-17	
K178	(8) N-17	Karta Riv.
K179	(—) N-17	Young Cr.
K180	(—) N-17	
K180A	(—) N-17	
K181	(—) N-17	
K182	(—) N-17	
K183	(8) N-17	
K183A	(—) N-17	
K184	(8) N-17	Thorne Riv.
K184-1	(—) N-17	Gravelly Cr.
K185	(—) N-17	
W1	(13) N-13	Chilkat Riv.
W2	(13) N-13	Chilkoot Riv.
W3	(13) N-13	
W3A	(13) N-13	
W2B	(13) N-13	
W4	(11) N-15	Three Peak Riv.
W4A	(11) N-15	
W5	(11) N-15	
W6	(11) N-15	
W6A	(—) N-15	Harley Cr.
W7	(11) N-15	
W8	(11) N-14-15	
W9	(11) N-15	
W9A	(11) N-15	
W10	(11) N-15	
W11	(11) N-15	
W11A	(—) N-15	
W12	(11) N-15	Indian Cr.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
W12A	(—) N-15	Eaton Cr.
W13	(11) N-15	
W14	(11) N-15	
W14A	(11) N-15	
W14B	(11) N-15	
W14C	(11) N-15	
W16	(11) N-15	Kook Cr.
W17	(11) N-15	
W17A	(11) N-15	
W18	(11) N-15	
W19	(11) N-15	
W20	(11) N-15	
W21	(11) N-15	
W22	(11) N-15	
W23	(11) N-15	
W24	(—) N-15	
W25	(—) N-15	Granite Cr.
W25A	(—) N-15	
W26	(11) N-15	
W26A	(—) N-15	
W27	(11) N-15	
W27A	(11) N-15	
W28	(—) N-15	
W28A	(11) N-15	
W29	(11) N-15	
W30	(11) N-15	
W31	(9) N-15	
W32	(9) N-15	
W33	(9) N-15	Rodman Cr.
W34	(9) N-15	
W34A	(9) N-15	
W35	(9) N-15	Peschan Riv.
W36	(—) N-15	Lake Eva Cr.
W37	(—) N-15	
W38	(9) N-15	
W39	(9) N-15	
W40	(9) N-15	
W41	(9) N-15	Clear Riv.
W41A	(9) N-15	Glacial Riv.
W42	(—) N-14	
W42A	(11) N-14	
W43	(—) N-14	
W44	(11) N-14	Greens Cr.
W44A	(—) N-14	Two Island Cove Cr.
W45	(11) N-14	Wheeler Cr.
W45A	(11) N-15	Lake Kathleen Cr.
W46	(11) N-15	Ward Cr.
W47	(11) N-15	Lake Florence Cr.
W48	(11) N-15	Fishery Cr.
W49	(11) N-15	Thayer Cr.
W50	(11) N-15	
W51	(11) N-15	
W52	(11) N-15	Hasselborg Cr.
W53	(11) N-15	
W54	(11) N-15	
W55	(11) N-15	
W56	(11) N-15	
W57	(11) N-15	
W58	(11) N-15	
W59	(11) N-15	
W60	(11) N-15	
W61	(9) N-16	
W62	(9) N-16	
W62A	(9) N-16	
W63	(9) N-16	
W64	(9) N-16	
W65	(9) N-15	
W65A	(9) N-15	Katlian Riv.
W65B	(9) N-15	
W65C	(9) N-15	
W66	(9) N-15	
W67	(9) N-15	Indian Riv.
W67B	(11) N-15	
W68	(11) N-15	
W68A	(—) N-15	
W69[8]	(11) M-15	
W69A	(—) M-15	
W70	(11) M-15	
W71	(11) M-15	
W72	(—) M-15	
W72A	(11) M-N-15	
W73	(11) M-15	
W74	(11) M-14	
W75	(11) M-14	
W76	(11) M-N-15	Phonograph Cr.
W77	(11) N-15	
WC1	(—) N-18	Hessa Cr.
WC2	(—) N-18	Hunter Cr.
WC3	(—) N-18	
WC4	(—) N-18	Max Cr.
WC5[9]	(8) N-17	Klakas Lake Cr.
WC6	(—) N-17	
WC6A	(—) N-17	
WC6B	(—) N-17	
WC6C	(—) N-18	
WC7	(—) N-17	Clam Cr.
WC8[9]	(8) N-17	
WC9	(8) N-18	Mabel Cr.
WC9A	(—) N-17	
WC9B	(—) N-17	
WC10[9]	(8) N-17	
WC10A	(—) N-17	
WC10B	(—) N-17	
WC10C	(8) N-17	
WC11	(8) N-17	Nutkwa Cr.
WC12	(—) N-17	Hetta Lake Cr.
WC13	(—) N-17	Copper Cr.
WC14	(8) N-17	Portage Cr.

[8] Shown as "W64" on map.

[9] Shown as "5", "8", "10", "20", on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
WC15	(8) N-17	Beaver Cr.
WC16	(—) N-17	Deer Cr.
WC17	(8) N-17	Eek Lake Cr.
WC18	(8) N-17	Hydaburg Cr.
WC18A	(—) N-17	
WC19	(8) N-17	Waterfall Cr.
WC20[9]	(8) N-18	
WC21	(8) N-18	Grace Cr.
WC22	(—) N-18	Vesta Cr.
WC23	(8) N-18	Rose Cr.
WC24	(8) N-17	Coco Cr.
WC25	(8) N-17	Kasook Lake Cr.
WC26	(8) N-17	
WC27	(8) N-17	
WC28	(—) N-17	Estrella Cr.
WC29	(—) N-17	Caldera Cr.
WC30	(8) N-17	
WC31	(8) N-17	
WC32	(8) N-17	Soda Cr.
WC35	(8) N-17	Trocadero Cr.
WC36	(—) N-17	
WC37	(—) N-17	
WC38	(—) N-17	
WC39	(8) N-17	Klawak Cr.
WC40	(8) N-17	Dog Salmon Cr.
WC41	(8) N-17	
WC42	(—) N-17	
WC43	(—) N-17	Steelhead Cr.
WC44	(—) N-17	
WC45	(8) N-17	
WC46	(8) N-17	
WC47	(8) N-17	
WC48	(8) N-17	
WC49	(—) N-17	
WC50	(8) N-17	
WC51	(8) N-17	Shaheen Cr.
WC52	(8) N-17	Staney Cr.
WC53	(8) N-17	
WC54	(—) N-17	Naukati Cr.
WC55	(8) N-17	
WC56	(8) N-17	Sarkar Cr.
WC57[10]	(8) N-16	Camp Taylor Cr.
WC58	(—) N-16	
WC59	(—) N-16	Wolf Cr.
WC60	(—) N-16	El Capitan Cr.
WC61	(—) N-16	Bear Cr.
WC62	(—) N-16	Sutter Cr.
WC63	(—) N-16	Smith Cr.
WC65	(8) N-16	
WC66	(8) N-16	Devilfish Cr.
WC67	(—) N-16	Tokeen Cr.
WC68	(—) N-16	
WC69	(—) N-16	
WC70	(8) N-16	Holbrook Cr.

[10] Shown as "WR57" on map.

No.	Subarea (Fig. 2) and coordinate (Fig. 2)	Name, if any
WC71	(—) N-16	
WC72	(—) N-16	Van Sant Cr.
WC73	(8) N-17	
WC74	(—) N-17	Edna Cr.
WC75	(8) N-17	
WC76	(—) N-17	
WC77	(8) N-17	
WC78	(8) N-17	
WC79	(—) N-17	
WC80	(8) N-17	
WR1	(10) N-16	Jap Cr.
WR2	(10) N-16	
WR3-1	(7) N-16	Andrew Cr.
WR3-2	(—) N-16	North Arm Cr.
WR4	(7) N-16	Crittenden Cr.
WR5	(—) N-16	Mill Cr.
WR6	(7) O-16	Aaron Cr.
WR7	(7) O-16	Marten Cr.
WR8	(7) O-16	Frank's Cr.
WR9	(—) N-16	Tom Cr.
WR10	(7) O-16	Harding Riv.
WR11	(7) N-16	Bradfield Riv. N.
WR12	(7) N-16	Bradfield Riv. E.
WR13	(7) O-16	Eagle Riv.
WR13-1	(7) O-16	
WR14	(—) O-16	Anan Bay Cr.
WR15	(7) O-16	Anan Cr.
WR16	(—) N-16	Frosty Cr.
WR17	(—) O-17	Santa Anna Cr.
WR18	(—) O-17	Sunny Cr.
WR19	(7) O-17	
WR20	(7) N-17	Emerald Cr.
WR22	(7) N-17	Vixen Cr.
WR23	(—) N-16	
WR24	(7) N-16	
WR25	(7) N-16	Fools Cr.
WR26	(—) N-16	Southeast Cr.
WR27	(—) N-16	Thoms Cr.
WR28[11]	(8) N-16	Kunk Cr.
WR29	(8) N-16	
WR30	(—) N-16	
WR31	(8) N-16	Snake Cr.
WR32	(8) N-16	Menefee Cr.
WR33	(8) N-16	
WR34	(—) N-17	
WR35	(8) N-17	Kuday's Cr.
WR36	(8) N-16	
WR37	(—) N-16	McHenry Lake Cr.
WR38	(—) N-16	Navy Cr.
WR39	(8) N-16	
WR40	(8) N-16	
WR41	(—) N-16	Streets Lake Cr.
WR42	(8) N-16	Porcupine Cr.
WR43	(8) N-16	

[11] Shown as "28" on map.

Continued ...

APPENDIX II. Continued.

No.	Subarea (Fig. 2) and coordinate (Fig. 3)	Name, if any
WR44	(8) N-16	
WR45	(—) N-16	
WR46	(8) N-16	
WR47	(8) N-16	
WR48	(—) N-16	
WR49	(8) N-16	St. John Cr.
WR50	(10) N-16	
WR51	(—) N-16	
WR52	(10) N-16	Big Cr.
WR53	(10) N-16	
WR54	(10) N-16	
WR55	(10) N-16	Fall Cr.
WR56	(10) N-16	Petersburg Cr.
WR57	(10) N-16	Ohmer Cr.
WR58	(10) N-16	Duncan Cr.
WR59	(10) N-16	
WR60	(10) N-16	
WR61	(10) N-16	Castle Riv.
WR62	(10) N-16	Kah Sheets Cr.
WR63	(10) N-16	Totem Cr.
WR64	(10) N-16	
WR65	(10) N-16	Barrie Cr.
WR66	(—) N-16	Loveless Cr.
WR67	(10) N-16	Tunehean Cr.
WR68	(9) N-16	
WR69	(—) N-16	
WR70	(9) N-16	
WR71	(9) N-16	
WR72	(9) N-16	
WR73	(—) N-16	
WR73A	(—) N-16	
WR74	(—) N-16	
WR74A	(—) N-16	
WR75	(—) N-16	
WR75A	(—) N-16	
WR76	(9) N-16	
WR76A	(—) N-16	
WR77[12]	(9) N-16	
WR78	(—) N-16	
WR79	(—) N-16	
WR79A	(—) N-16	
WR80	(—) N-16	
WR81	(9) N-16	
WR82	(—) N-16	
WR83	(—) N-16	
WR84	(9) N-16	
WR85	(9) N-16	
WR86	(9) N-16	
WR87	(9) N-16	
WR88	(—) N-16	
WR89	(8) N-16	Trout Cr.
WR90	(—) N-16	
WR91	(8) N-16	Shipley Cr.
WR92	(8) N-16	Marble Cr.
WR93	(8) N-16	Calder Cr.
WR94	(8) N-16	
WR95	(—) N-16	
WR96	(—) N-16	Flicker Cr.
WR97	(8) N-16	Alder Cr.
WR98	(8) N-16	Buster Cr.
WR99	(8) N-16	
WR100	(—) N-16	
WR101	(—) N-16	Big Cr.
WR102	(8) N-16	Pine Cr.
WR103	(—) N-16	
WR104	(8) N-16	Squaw Cr.
WR105	(8) N-16	Whale Pass
WR106	(8) N-16	
WR107	(8) N-17	
WR108	(8) N-17	Coffman Cr.
WR109	(8) N-17	Eagle Cr.
WR110	(8) N-17	

[12] Shown as "77" on map.