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SUSITNA RIVER DRAINAGE  
SALMON ESCAPEMENT DATA SUMMARY, 1951-1984

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## 1.0 INTRODUCTION

The purpose of this report is to provide a background document for salmon resource investigations relative to the proposed Susitna Hydroelectric project. Historically, the Susitna River has been a major producer of salmon for the Cook Inlet fishery. Escapement data has been collected from various areas within the Susitna River drainage (Figure 1) since the late 1940's and early 1950's by a variety of federal, state, and private agencies. This report summarizes all Susitna River drainage escapement data collected by the Alaska Department of Fish and Game, Divisions of Sport and Commercial Fisheries.

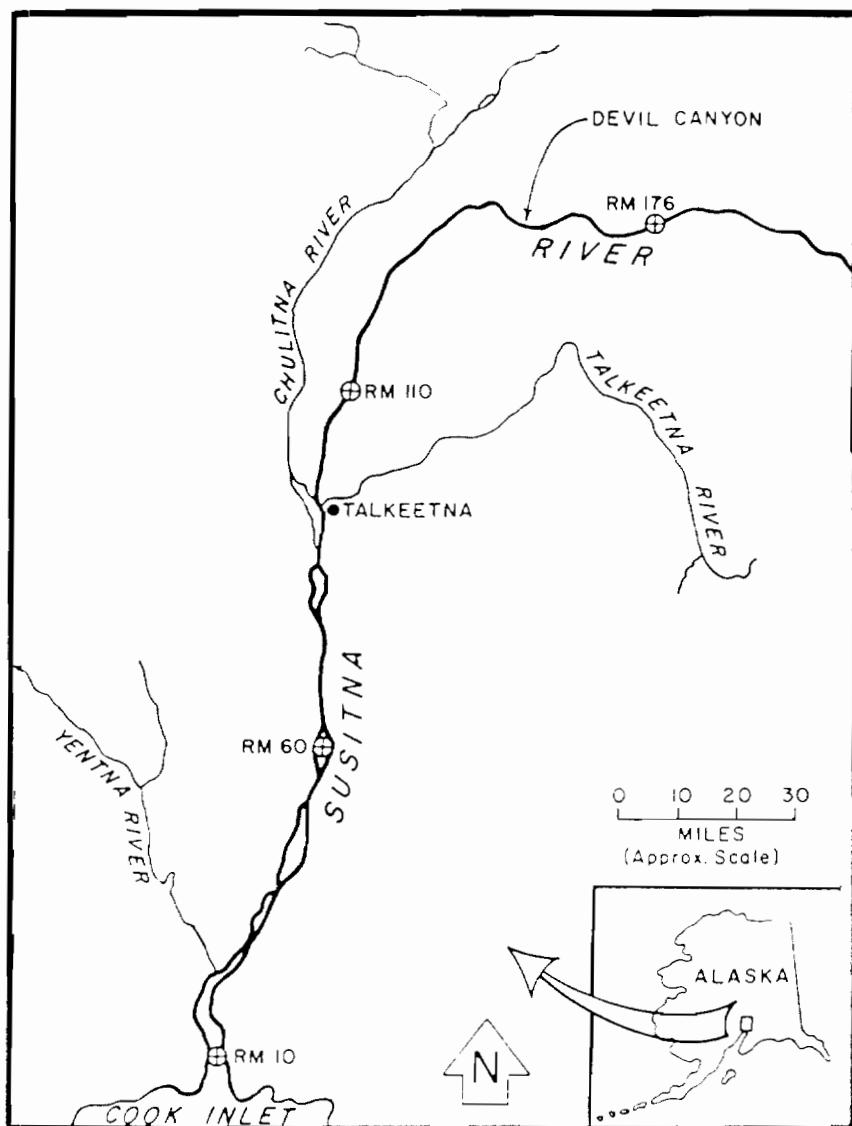


Figure 1. Map of the Susitna River and its three major tributaries below Devil Canyon.

## 2.0 ORGANIZATION

Escapement data published in 59 reports by the Alaska Department of Fish and Game, Divisions of Sport and Commercial Fisheries since statehood, have been summarized in the appendix of this report. Appendix Tables 1-1 through 1-4 present the salmon escapement data for the Susitna River and its three major tributaries below Devil Canyon (the Yentna River, the Talkeetna River, and the Chulitna River). Streams in these appendix tables are organized using the numbering system developed by the Habitat Division for use in the anadromous waters catalog (ADF&G 1985b). All streams, rivers, and lakes where anadromous fish have been documented are assigned a unique identifying number in the catalog which can be traced to a specific drainage or sub-drainage. The same numbering system is used in the anadromous stream atlas (ADF&G 1985a) so that the streams can be located easily on the atlas maps. All locations where the department has conducted salmon escapement surveys in the Susitna River drainage are identified in this report as well as all of the other streams in the Susitna drainage that are listed in the anadromous stream catalog (ADF&G 1985b).

These appendix tables were initially created by combining a computer file of the known anadromous streams listed in the anadromous stream catalog (ADF&G 1985b) with another computer file of escapement survey data containing information from ADF&G (1982) and ADF&G (1985c). After meshing these two data bases, attempts were made to verify each entry and identify it with the report where the data were originally published. In cases where escapement data could not be linked with the original data report, summary reports were cited. And finally, if a particular entry in the appendix tables could not be verified from the literature, the sources of our computer data files were cited.

Appendix Table 1-5 is a compilation of escapement counts in sloughs, side channels, and the mainstem of the Susitna River. This information is organized by Susitna river mile (RM) which was established by R&M Consultants (1981). The bulk of this information comes from the Susitna Aquatic Studies Program (ADF&G 1981, 1983b; Barrett et al. 1984, 1985).

Data for each location in all five appendix tables are arranged chronologically. All data have been stored on floppy diskettes using a Lotus spreadsheet format. This information is available for updating and use by other divisions.

Information on each salmon escapement survey location is presented as it was reported. Whenever possible, information on the year and dates that the surveys were conducted, which species and how many were found, and information on survey methods, survey conditions, distances surveyed and qualifying comments about the survey were included. Perhaps the most useful part of this summary report is the data source column and the accompanying list of references in the bibliography. Anyone requiring more information about a particular survey can track down the sources of information in these tables in the bibliography.

Because the data in this report were derived from a wide variety of sources whose procedures for reporting information varied from division to division, author to author, and sometimes year to year, it is sometimes difficult and often impossible to make comparisons between different entries regarding accuracy, precision, and techniques used. Considerably more information would be required in order to compare the accuracy and precision of many of these surveys.

### 3.0 OVERVIEW AND LIMITATIONS OF ESCAPEMENT SURVEY TECHNIQUES

A wide variety of techniques have been developed by biologists to estimate the number of fish using a particular location or river reach. These vary according to the environmental conditions, type of habitat, and budget and time constraints. Some of these methods are used to produce an index of fish abundance to compare run strength between and within years or systems. Other methods attempt to enumerate total fish populations.

There are multiple uses for escapement data and each have their own acceptable level of precision and/or accuracy. For example, if one is establishing escapement goals, intensively managing a fishery to maintain a sustained yield of numerous stocks of a number of species, or trying to access the impacts of a particular project, then an absolute estimate of escapement may be required. However, if a fishery is not intense or the goal is just to maintain the existing return of fish, then the accuracy of the escapement data may not need to be as great. Individuals compiling fish distribution data may even be content to know if fish do or do not exist in a given drainage.

The following section has been included largely to familiarize the non-fisheries biologist reader with the various techniques that have been used to index or estimate salmon escapements on the Susitna River and the strengths and limitations of each. Much of this background information has been extracted from Cousens et al. (1982).

Visual techniques involve the direct enumeration of the fish, either from ground level, from elevated platforms or from the air. Studies conducted by Kubik and Trent (1974) concluded that helicopter surveys were the preferred technique for enumerating chinook salmon. Ground and tower counts provided comparable numbers, however it is not always economically feasible to construct towers at a large number of locations and ground surveys are time consuming. Fixed-wing aircraft are less expensive to charter than helicopters, however they fly faster and are not as maneuverable as the helicopter and visibility is more limited from the fixed-wing aircraft.

The Susitna River and a number of its major tributaries are glacially turbid during much of the year and therefore not suitable for visual survey techniques. For this reason several alternative techniques have been developed. The primary turbid water numeration techniques used in the Susitna River are tag/recapture and sonar. Fishwheels are used in combination with ground surveys for use in the mark and recapture population estimates. Fishwheel catches are also used with sonar to apportion sonar counts by species.

In lake habitats, visual techniques can be used to enumerate fish in shallow clear water lakes, however weirs and gill nets are more effective in lakes which are deep or have a lot of aquatic vegetation.

Each of the techniques used to collect data are discussed below.

### 3.1 Tower Counts

Counting towers are permanent or semi-permanent structures, approximately 25 feet high, which are constructed at single-channel points on target streams where visibility across the adult salmon migration path is good. Counts of migrating salmon passing the tower are usually made for ten minutes per bank and extrapolated for each hour. Often contrasting color substrates are placed on the streambed to aid in seeing the fish and lights are used to enable fish counting at night.

Tower counts are a good way of estimating total adult salmon escapements of clear water tributaries when water conditions are good and the tower is well placed. This technique is primarily used to enumerate bank oriented salmon (i.e., sockeye and pink), however towers have also been used successfully on narrow, shallow rivers to count coho, chinook, and chum salmon which do not orient by bank when they migrate. This technique provides a continuous record of salmon passage and is valuable in determining migrational timing and peaks.

Tower count escapement estimates are most accurate when the observed migrations have an even temporal and spatial distribution (Cousens et al. 1982). Error is introduced when the salmon migration is irregular and/or composed of mixed species which complicate species identification. These errors can be compounded by poor visibility and variations between different observers.

In the Susitna River drainage, tower counts have been used on the Deshka River (Kubik and Trent 1974) and on the Talachulitna River (Barrett 1973a, 1975a).

### 3.2 Ground Surveys

Ground level surveys made on foot or in a boat provide an instantaneous count of the number of live and/or dead salmon within specific stream reaches, index areas, or entire stream lengths which can be used to produce an escapement estimate. Escapement estimates from ground survey counts of streams or index areas are more reliable if they are derived from several repeated surveys.

Foot surveys are best suited to small, shallow, clear water tributaries where the flow patterns are stable, the banks are relatively free of large carnivores and easy to walk along, and the fish and carcasses are highly visible. Counts obtained from surveying spawning grounds by foot have been used to estimate escapements of chinook, coho, sockeye, pink, and chum salmon. Foot surveys can be used to obtain counts in small tributaries where aerial surveys are not practical, to provide additional data to calibrate or adjust aerial survey counts, or to determine the spawning distribution of particular tributaries within a large drainage.

Factors which can limit the reliability of escapement estimates from foot surveys or introduce bias are: (1) experience or ability differences between fish counting personnel, and (2) spawning or migrating in

conditions which hinder visual sightings (i.e., deep water, high discharge, high turbidity, and snow and/or ice cover). In addition, observers are often limited to one bank which can limit the visual counts.

Foot surveys have been conducted on a number of clear water tributaries of the Susitna, Yentna, Talkeetna, and Chulitna rivers over the years. Two tributaries which have been surveyed regularly with this technique are Willow Creek (Redick 1970, 1971; Watsjold 1975-1980; ADF&G 1983a; Barrett et al. 1984, 1985) and Prairie Creek (Watsjold 1973-1979; Barrett 1973a, 1975a; Friese 1976a, 1976b; Waltemyer et al. 1980; Barrett et al. 1984). Since 1981 the Susitna Aquatic Studies program has done extensive foot surveys of tributaries, sloughs, and side channels in the lower and middle reach of the Susitna River (ADF&G 1981, 1983b; Barrett et al. 1984, 1985).

An alternative to foot surveys in small, clear water streams that are accessible and do not have major rapids is a float survey in a boat or inflatable raft. Boat surveys can be an efficient method of obtaining instantaneous counts of fish in narrow streams where fish cannot be observed from one bank. However, stream gradient, flow, turbidity, glare on the water surface, and navigational obstacles are important considerations in gaging the usefulness of boat survey counts. For example, in fast, twisting streams, fish counts will be negatively effected if the fish counter has to be more concerned about getting downstream safely than he is about counting fish. Another disadvantage is that boat surveys only provide a one-way coverage (i.e., downstream) of the survey area.

Boat surveys have been used less frequently than ground surveys to count fish in the Susitna River drainage. Kubik (1965, 1966) conducted boat surveys of clear water tributaries in the lower Susitna River and Watsjold (1972-1974) did a series of boat surveys on Willow Creek. Barrett (1973a, 1975a) and Friese (1976a, 1976b) did boat surveys on tributaries and lakes in the Yentna River drainage and on Stephan Lake in the Talkeetna River drainage. Additional boat surveys have been reported by the Susitna Aquatic Studies program (ADF&G 1983b; Barrett et al. 1984, 1985).

### 3.3 Aerial Surveys

Counts of salmon on the spawning grounds using low flying aircraft allow an observer to survey many more streams in a given time than ground surveys. Aerial surveys are conducted using fixed-wing aircraft or helicopters. Fixed-wing aircraft are used most commonly for aerial counts of salmon. Advantages afforded by fixed-wing aircraft are that they allow the observer to survey large drainages in a short period of time and at a lower cost than other aircraft. Aerial surveys by helicopter are more efficient than fixed-wing surveys because helicopters are more maneuverable over winding streams, slower flying, and offer better visibility. However, they have a shorter flying range and may be cost prohibitive for surveys of large drainages.

Aerial surveys are usually conducted by one trained observer and an experienced pilot. Weather and budgets permitting, spawning grounds are surveyed several times to obtain counts during the peak spawning period. Peak aerial counts are used as an indices of relative abundance for estimating total escapement and if the methods remain consistent from year-to-year these index counts can be compared between years. The rough estimates of escapements from aerial surveys may also be useful for in-season management of salmon stocks.

Aerial surveys have been used to enumerate chinook, sockeye, pink, chum, and coho salmon and this technique works best in spawning areas of broad, shallow, clear water tributaries with little or no overhanging vegetation and in shallow lakes.

The reliability of aerial survey counts are affected by the experience or inexperience of the observer and the pilot, fatigue, differences between observers, fish density, lighting conditions, poor weather, high discharges, and highly turbid conditions.

The majority of the salmon escapement data from the Susitna River drainage is composed of aerial survey data. Historically, the Division of Commercial Fisheries has conducted aerial surveys in the Susitna River drainage to monitor escapements of sockeye salmon because they are an important species for the Cook Inlet commercial salmon fishery, and the Division of Sport Fisheries has done aerial surveys to monitor escapements of chinook salmon which are a target species in the Susitna River sport fishery. Escapement information on other salmon species has largely been obtained incidentally during aerial surveys for sockeye or chinook or it has been collected using other escapement monitoring techniques.

Streams and lakes in the Susitna River drainage which have been aerial surveyed regularly for sockeye salmon are Red Shirt Lake, Role Jo Creek, Chelatna Lake, Shell Creek, the Talachulitna River, Talachulitna Creek, Judd Lake, Talachulitna Lake, Trinity Lake, Red Salmon Lake, and Larson Lake (Barrett 1973a, 1975a; Friese 1976a, 1976b; Namtvedt et al. 1979; Tarbox and Sanders 1980; Waltemyer et al. 1980; ADF&G 1982; Tarbox et al. 1983; ADF&G 1985c-YENONE.TAB).

Aerial surveys for chinook salmon have been conducted on the following tributaries in the Susitna River drainage on a regular basis: Alexander Creek, the Deshka River, Willow Creek, Little Willow Creek, North Fork Kashwitna River, Sheep Creek, Goose Creek, Indian River, Portage Creek, Lake Creek, Camp Creek, Sunflower Creek, the Talachulitna River, Canyon Creek, Chunilna Creek, Troublesome Creek, Bunco Creek, Byers Creek, Honolulu Creek, East Fork Chulitna River, and Middle Fork Chulitna River (Stefanich 1962; Kubik 1963-1973; Watsjold 1972-1980; Kubik and Trent 1974; Kubik and Chlupach 1975; Kubik and Riis 1976; Kubik and Wadman 1977-1979; Kubik and Delaney 1980; Delaney et al. 1981; ADF&G 1981, 1983a; Bentz 1982; Delaney and Hepler 1983; Barrett et al. 1984, 1985).

### 3.4 Fishwheels

Fishwheels function like paddlewheels, using the current of the river to rotate sampling baskets which capture salmon as they migrate upstream through turbid rivers. In most instances, fishwheels are used in conjunction with weirs which divert fish toward the fishwheels. When properly placed in the migration corridor of major rivers, fishwheels can be used to obtain a relative abundance index of salmon escapements. Comparisons of the relative abundance index obtained from fishwheel catches from year-to-year can only be made if the fishwheels are operated at the same sites under similar conditions each year.

On the Susitna River, the efficiency of fishwheels has been found to vary from site-to-site and year-to-year due to changes in climatic conditions, mainstem discharge, on-site morphology, and debris loads in the water (ADF&G 1981, 1983b; Barrett et al. 1984, 1985). Fishwheels were also found to be species selective and size selective (Thompson and Barrett 1983).

Fishwheels have been used in the Susitna River drainage to capture fish for tagging at Flathorn, Susitna, Yentna, Sunshine, Talkeetna, and Curry stations. Recovery of fishwheel tagged fish from upstream fishwheels and stream surveys have been used to calculate escapements to the fishwheel tagging sites using mark/recapture techniques (ADF&G 1981, 1983; Barrett et al. 1984, 1985). Mark/recapture techniques have also provided information on salmon migrations (i.e., routes, timing, and variations), stock separation, and spawning distribution.

The time, effort, and expense required to conduct mark/recapture studies are great; however, this is an effective way of evaluating large systems with major runs that cannot be enumerated effectively by other means. The primary source of bias or error associated with estimations of salmon escapements by mark/recapture techniques is caused by the violation of one or more of the basic assumptions which must be maintained to ensure the reliability of population estimates by these methods (Cousens et al. 1982).

Another application for fishwheels is discussed in Section 3.5.

### 3.5 Side Scan Sonar Counts

Hydroacoustic techniques have been developed to enumerate upstream migrations of bank-oriented salmon in clear or turbid rivers using side scan sonar. Sonic signals reflected off migrating fish are electrically recorded. Before escapement estimates can be produced or compared, these electronic fish counts must be apportioned by species. Sonar fish counts have been apportioned by simultaneously sampling the escapements with fishwheels, set gill nets, drift gill nets, beach seines, or trip seines and apportioning the sonar counts based on the relative abundance of each species in the catch during specific periods.

The accuracy of properly adjusted side scan sonar counters have compared favorably with tower counts when both methods were used side-by-side to enumerate salmon in rivers with moderate fish abundance, stable flows, consistent fish swimming speeds, and good visibility (Cousens et al. 1982). Side scan sonar is considered to be particularly effective for enumerating sockeye and pink which migrate along stream banks, and less effective for counting chinook, coho, and chum which do not orient by bank and may pass outside the range of the sonar beam.

Most problems associated with the operation of side scan sonar involve improper site selection. Side scan sonar should be located at a point where the river flows through a single channel so that all fish may be counted. The site should also have a minimum of offshore migrants and low levels of debris, air entrainment, and milling of spawning fish.

The major problem encountered with side scan sonar in the Susitna River drainage has been the apportionment of sonar fish counts by species. Fishwheels have been used in conjunction with side scan sonar on the Susitna to apportion sonar counts. However, there are several inherent problems with using fishwheel catches to apportion sonar counts which cast doubt upon the reliability of these data. Not only are fishwheels selective by species and by size, but the species composition of a fishwheel catch in a 6 foot sampling area near the river bank may not be representative of fish counts from sonar which enumerate fish passing between the shore and the outer-most substrate which may be 65 to 70 feet out from the bank. Therefore, ADF&G biologists recommend that an alternate sampling scheme (perhaps gillnetting) be used to apportion sonar counts on the Susitna River.

In the Susitna River drainage, side scan sonar have been used to enumerate salmon on the Deshka River (Stewart and Flagg 1969), on the Yentna River (ADF&G 1981, 1983a; Barrett et al. 1984, 1985), and at Susitna, Sunshine, and Talkeetna stations on the Susitna River (Tarbox et al. 1980; Tarbox and Sanders 1980; ADF&G 1981, 1982, 1983a; and Barrett et al. 1984, 1985).

### 3.6 Weir Counts

Weirs are temporary or permanent fences which are erected on lake outlets, streams, or rivers. By blocking the passage of fish, weirs allow the total enumeration of salmon migrating upstream to spawn and for the collection of biological data. Weir counts are often used as a standard to compare the accuracy of other enumeration techniques.

Weirs are generally constructed on streams where an accurate count of adult salmon escapements are required and where variations in flow and water depth are slight so that the weir will not be washed out during high discharges.

Disadvantages of this technique are that construction and operation of weirs are labor intensive and the initial construction costs can be high. Therefore, weirs are not well suited for evaluating a large number of different sites.

Weir counts of salmon have only been conducted on two small tributaries in the Susitna River drainage, Fish Lake Creek/Quig Creek (Barrett 1975b) and Shell Creek (Barrett 1973a, 1975b; Friese 1976a). Both of these creeks are located in the Yentna River system.

#### 4.0 RECOMMENDATIONS

One of the primary difficulties encountered during their review of the literature was the lack of maps to identify streams for which data were presented. This is especially important when several streams in the same drainages have the same name. It is recommended that all data reports include a detailed map of the area for which data are presented. It would also be helpful to have each stream identified in these data reports by the Habitat Division's anadromous stream catalog location number.

During the review of the literature, it was found that some data were reported in several reports in the same or subsequent years often without adequate reference to the original data source. This was particularly true of the aerial survey data shared by the Sport and Commercial Fisheries divisions. In addition, year-to-year presentation of the same data type (e.g., aerial surveys) was not consistent. One year counts for each tributary in a drainage (i.e., Deshka, Alexander, Lake creeks) were presented, the next year only the total count for the whole system was presented, another year only an estimate of the system escapement based on the surveys was presented. It is recommended that a consistent presentation be used each year for the same data type, preferably presenting as much detail as practical. Additional presentations can be used in addition to this standard format for the purposes of making a particular point.

Finally, it is recommend that this computerized file of salmon escapement data for the Susitna River drainage should be maintained and updated annually. Since the Susitna Aquatic Studies Program is being terminated, the department should consider assigning the responsibility of maintaining this data base to someone who can fulfill this long-term commitment.

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S = Summary Report,

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## 6.0 APPENDIX

The following appendix is made up of five tables which summarize salmon escapement data that has been collected in the Susitna River drainage.

Appendix Table 1-1. Escapement survey counts of adult salmon in the Susitna River drainage exclusive of the Yentna, Talkeetna, and Chulitna River drainages.

Appendix Table 1-2. Escapement survey counts of adult salmon in the Yentna River drainage.

Appendix Table 1-3. Escapement survey counts of adult salmon in the Talkeetna River drainage.

Appendix Table 1-4. Escapement survey counts of adult salmon in the Chulitna River drainage.

Appendix Table 1-5. Escapement survey counts of adult salmon in Susitna River sloughs, side channels, and mainstem.

Appendix Table 1-1. Escapement survey counts of adult salmon in the Susitna River drainage between river mile (RM) 0.0 and RM 195.0, excluding the Yentna, Talkeetna, and Chulitna River drainages.

| LOCATION CODE / STREAM NAME | YEAR | DATE       | CHINOOK | SOCKEYE | COHO   | CHUM   | PINK    | SURVEY METHOD                        | COMMENTS | DATA SOURCE   |
|-----------------------------|------|------------|---------|---------|--------|--------|---------|--------------------------------------|----------|---|
| 247-41-10200                |      |            |         |         |        |        |         |                                      |          |   |
| Susitna River               |      |            |         |         |        |        |         |                                      |          |   |
| Susitna Station             | 1970 |            |         | 38000   |        |        |         |                                      |          | ADF&G (1982)  |
| (system-wide estimate)      | 1972 |            |         | 113000  |        |        |         |                                      |          | ADF&G (1982)  |
|                             | 1973 |            | 15000   | 40000   |        |        |         |                                      |          | ADF&G (1982)  |
|                             | 1974 |            | 15000   | 70000   |        |        |         |                                      |          | Chinook estimate from aerial surveys includes sport harvest Chinook estimate from aerial surveys ADF&G (1982)           |
|                             | 1975 |            | 11500   | 108000  |        |        |         |                                      |          | Chinook estimate from aerial surveys ADF&G (1982)   |
|                             | 1976 |            | 71200   | 111000  |        |        | 933000  |                                      |          | includes sport harvest Escapement-population estimate; chinook estimate from aerial surveys ADF&G (1982)                |
|                             | 1977 |            | 118100  | 238000  | 50000  | 105000 | 1490000 |                                      |          | includes sport fish harvest Escapement-population estimate; chinook estimate from aerial surveys ADF&G (1982)           |
|                             | 1978 |            | 81100   | 94000   | 100800 | 148000 | 2478100 | Side-scan sonar                      |          | includes sport fish harvest Escapement count; chinook estimate from aerial surveys, includes sport harvest ADF&G (1982) |
|                             | 1979 |            | 77200   | 157000  | 37000  | 49000  | 125000  | Side-scan sonar                      |          | Escapement count; chinook estimate from aerial surveys, includes sport harvest Tarbox et al. (1980)                     |
|                             | 1980 | 7/01-8/29  |         | 191000  | 42895  | 7939   | 2047000 | Side-scan sonar                      |          |   |
|                             | 1981 | 6/27-9/02  |         | 340232  | 33470  | 46461  | 113349  | Side-scan sonar                      |          | Escapement count ADF&G (1981)   |
|                             | 1981 |            | 65000   |         |        |        |         | Aerial count plus sport fish harvest |          | ADF&G (1982)  |
|                             | 1982 | 7/01-9/05  |         | 215856  |        |        |         |                                      |          | Escapement count (sonar-apportioned) from Yentna Sta. and Susitna Sta. east bank ADF&G (1985c)-SUSONE.TAB               |
|                             | 1983 |            |         | 112314  |        |        |         | Side-scan sonar                      |          |   |
|                             | 1984 |            | 1457    | 45105   | 13413  | 26721  | 377425  | Side-scan sonar                      |          | Escapement count ADF&G (1985c)-SUSONE.TAB   |
| Sunshine Station            | 1976 | 6/21-8/13  | 749     | 2296    | 1307   | 338    | 19230   | Fishwheel catch                      |          |   |
|                             | 1981 | 6/23-9/15  |         | 89906   | 22793  | 59630  | 72945   | Side-scan sonar                      |          | Relative abundance Friese (1976b)   |
|                             | 1981 | 6/23-9/15  |         | 133489  | 19841  | 262851 | 49501   | Petersen population estimate         |          | Escapement count ADF&G (1981)   |
|                             | 1982 | 6/04-10/01 | 52900   | 151500  | 45700  | 430400 | 443200  | Petersen population estimate         |          | Mark/recapture ADF&G (1981)   |
|                             | 1983 | 6/03-9/11  | 90100   | 71500   | 15200  | 265800 | 40500   | Petersen population estimate         |          | Mark/recapture ADF&G (1983a)  |
|                             | 1984 | 6/04-9/10  | 121700  | 130071  | 94702  | 764958 | 1017022 | Petersen population estimate         |          | Mark/recapture Barrett et al. (1984)  |
| Talkeetna Station           | 1974 | 7/23-9/11  |         | 1008    |        | 24286  | 5252    | Petersen population estimate         |          | Barrett (1974)  |
|                             | 1981 | 6/22-9/15  |         | 3464    | 3522   | 10036  | 2529    | Side-scan sonar                      |          | ADF&G (1981)  |
|                             | 1981 | 6/22-9/15  |         | 4809    | 3306   | 20835  | 2335    | Petersen population estimate         |          | ADF&G (1981)  |
|                             | 1982 | 6/05-9/14  | 10900   | 3100    | 5100   | 49100  | 73000   | Petersen population estimate         |          | ADF&G (1983a)   |
|                             | 1983 | 6/07-9/12  | 14400   | 4200    | 2400   | 50400  | 9500    | Petersen population estimate         |          | Barrett et al. (1984)   |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME          | YEAR | DATE      | CHINOOK | SOCKEYE | COHO   | CHUM   | PINK    | SURVEY METHOD                | COMMENTS   | DATA SOURCE             |
|--------------------------------------|------|-----------|---------|---------|--------|--------|---------|------------------------------|--|-------------------------|
|                                      | 1984 | 6/03-9/11 | 24800   | 13050   | 11847  | 98236  | 177881  | Petersen population estimate | Mark/recapture   | Barrett et al. (1985)   |
| Curry Station                        | 1981 | 6/15-9/21 |         | 2804    | 1146   | 13068  | 1041    | Petersen population estimate | Mark/recapture   | ADF&G (1981)            |
|                                      | 1982 | 6/09-9/18 | 11300   | 1300    | 2400   | 29400  | 58800   | Petersen population estimate | Mark/recapture   | ADF&G (1983a)           |
|                                      | 1983 | 6/09-9/14 | 9600    | 1900    | 800    | 21100  | 5500    | Petersen population estimate | Mark/recapture   | Barrett et al. (1984)   |
|                                      | 1984 | 6/09-9/14 | 18000   | 3593    | 2162   | 49278  | 116858  | Petersen population estimate | Mark/recapture   | Barrett et al. (1985)   |
| Flathorn Station                     | 1984 | 6/29-9/03 |         | 605833  | 190061 | 812694 | 3629857 | Petersen population estimate | Mark/recapture   | Barrett et al. (1985)   |
| 247-41-10200-2015<br>Alexander Creek | Hist |           |         |         |        |        |         |                              | Max. count 1,868 chinook (1953), sockeye present (1964), 100,000 pinks (1964), 500 chum (1963)<br>Suspect this was an aerial count<br>Suspect this was an aerial count |                         |
|                                      | 1958 | 5/29      | 1       |         |        |        |         |                              |  | Kubik (1964)            |
|                                      | 1961 | 7/11      | 0       |         |        |        |         |                              |  | Kubik (1964)            |
|                                      | 1962 | 7/23      | 19      |         |        |        |         | Aerial count                 |  | Kubik (1963)            |
|                                      | 1963 | 8/16      | 750     |         |        |        |         | Aerial count                 |  | Kubik (1964)            |
|                                      | 1964 | 7/29      | 205     |         |        |        |         | Boat survey                  |  | Kubik (1965)            |
|                                      | 1965 | 7/30      | 400     |         |        |        |         | Boat survey                  |  | Kubik (1966)            |
|                                      | 1965 | 7/30      | 416     |         |        |        |         | Boat survey                  | Includes Sucker Creek  | Kubik (1966)            |
|                                      | 1966 |           | 197     |         |        |        |         | Aerial count                 |  | Kubik (1967)            |
|                                      | 1966 |           | 248     |         |        |        |         | Aerial count                 |  | Kubik (1967)            |
|                                      | 1966 |           | 300     |         |        |        |         | Aerial count                 | Estimate of total escapement   | Kubik (1967)            |
|                                      | 1967 |           | 354     |         |        |        |         | Aerial count                 |  | Kubik (1968)            |
|                                      | 1967 |           | 388     |         |        |        |         | Aerial count                 |  | Kubik (1968)            |
|                                      | 1967 |           | 500     |         |        |        |         | Aerial count                 | Estimate of total escapement   | Kubik (1968)            |
|                                      | 1968 |           | 563     |         |        |        |         | Aerial count                 |  | Kubik (1969)            |
|                                      | 1968 |           | 727     |         |        |        |         | Aerial count                 |  | Kubik (1969)            |
|                                      | 1969 |           | 588     |         |        |        |         | Aerial count                 |  | Kubik (1970)            |
|                                      | 1969 |           | 735     |         |        |        |         | Aerial count                 |  | Kubik (1970)            |
|                                      | 1969 |           | 30      |         |        |        |         |                              | Poor observing - water colored   | Stewart & Flagg (1969)  |
|                                      | 1970 |           | 420     |         |        |        |         | Aerial count                 |  | Kubik (1971)            |
|                                      | 1970 |           | 562     |         |        |        |         | Aerial count                 |  | Kubik (1971)            |
|                                      | 1970 |           | 491     |         |        |        |         |                              | Includes Sucker Creek  |                         |
|                                      | 1970 | 7/26      | 280     |         |        |        |         |                              | 2,720 sockeye and coho   | ADF&G (1982)            |
|                                      | 1972 |           | 103     |         |        |        |         | Aerial count                 |  | Kubik (1973)            |
|                                      | 1972 |           | 202     |         |        |        |         | Aerial count/Ground survey   |  | Kubik & Trent (1974)    |
|                                      | 1973 |           | 875     |         |        |        |         | Ground survey                |  | Kubik & Trent (1974)    |
|                                      | 1974 |           | 2193    |         |        |        |         | Aerial count                 |  | Kubik & Chlupach (1975) |
|                                      | 1975 |           | 1878    |         |        |        |         | Aerial count                 |  | Kubik & Riss (1976)     |
|                                      | 1976 |           | 5412    |         |        |        |         | Aerial count                 |  | Kubik & Wadman (1977)   |
|                                      | 1977 |           | 13385   |         |        |        |         | Aerial count                 |  | Kubik & Wadman (1978)   |
|                                      | 1977 | 7/26      | 2504    |         |        |        |         |                              |  | ADF&G (1982)            |
|                                      | 1978 |           | 5854    |         |        |        |         | Aerial count                 |  | Kubik & Wadman (1979)   |

Appendix Table 1-1 (Continued).

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME      | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS   | DATA SOURCE           |
|----------------------------------|------|-------|---------|---------|------|------|------|--|--|-----------------------|
| <b>Sucker Lake</b>               |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2015-3035-4019      |      |       |         |         |      |      |      |  |  |                       |
| Wolverine Creek                  | Hist |       |         |         |      |      |      |  | 1,000,000 pinks (1966)<br>Max. count 14 chinook (1964) |                       |
|                                  | 1964 | 8/05  | 14      |         |      |      |      | Aerial count                             |  | Kubik (1965)          |
|                                  | 1981 | 7/24  | 243     |         |      |      |      | Aerial count, helicopter - Good          |  | ADFGG (1981)          |
|                                  | 1982 | 7/28  | 537     |         |      |      |      | Aerial count, helicopter - Good          |  | ADFGG (1983a)         |
|                                  | 1983 | 7/19  | 491     |         |      |      |      | Aerial count, helicopter - Good          |  | Barrett et al. (1984) |
| 247-41-10200-2015-3035-4223      |      |       |         |         |      |      |      |  |  |                       |
| Upper Sucker Creek               |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2015-3035-4225      |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2015-3035-4225-0010 |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2015-3040           |      |       |         |         |      |      |      |  |  |                       |
| Clear Creek                      |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2015-3117           |      |       |         |         |      |      |      |  |  |                       |
| Bear Creek                       |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2015-3117-4208      |      |       |         |         |      |      |      |  |  |                       |
| Texas Creek                      |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2020                |      |       |         |         |      |      |      |  |  |                       |
| Fish Creek<br>(Flat Horn Lake)   | 1958 | 5/19  | 3       |         |      |      |      |  | Suspect ground survey or aerial count                  | Kubik (1964)          |
|                                  | 1961 | 6/03  | 0       |         |      |      |      |  | Suspect ground survey or aerial count                  | Kubik (1964)          |
|                                  | 1984 | 9/10  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, TRM 0.0 |  | Barrett et al. (1985) |
|                                  | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, TRM 0.0 |  | Barrett et al. (1985) |
|                                  | 1984 | 9/27  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, TRM 0.0 |  | Barrett et al. (1985) |
|                                  | 1984 | 10/06 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, TRM 0.0 |  | Barrett et al. (1985) |
|                                  | 1984 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                                  | 1984 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                                  | 1984 | 8/17  | 0       | 69      | 0    | 0    | 0    | Ground survey - Fair/Good, TRM 0.0       |  | Barrett et al. (1985) |
|                                  | 1984 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
| 247-41-10200-2020-0010           |      |       |         |         |      |      |      |  |  |                       |
| Flat Horn Lake                   |      |       |         |         |      |      |      |  |  |                       |
| 247-41-10200-2020-0015           |      |       |         |         |      |      |      |  |  |                       |
| Red Shirt Lake                   | Hist |       |         |         |      |      |      |  |  |                       |
|                                  | 1972 | 8/29  |         | 160     | 100  |      |      | Aerial count, Super Cub                  |  |                       |
|                                  |      |       |         |         |      |      |      |  | Max. counts, 2,600 sockeye (1952);<br>380 coho (1952)  |                       |
|                                  |      |       |         |         |      |      |      |  |  | Barrett (1973a)       |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS               | DATA SOURCE              |
|-----------------------------|------|-------|---------|---------|------|------|------|-------------------------|------------------------|--------------------------|
|                             | 1972 |       | 200     |         |      |      |      |                         | Includes Role Jo Creek | Tarbox & Sanders (1980)  |
|                             | 1973 | 8/17  | 35      |         |      |      |      | Aerial count, Super Cub |                        | Barrett (1973a)          |
|                             | 1973 | 9/14  | 47      |         |      |      |      | Aerial count, Super Cub |                        | Barrett (1973a)          |
|                             | 1974 | 8/26  | 0       | 0       | 0    | 0    | 0    | Aerial count, Super Cub |                        | Barrett (1975a)          |
|                             | 1974 | 9/09  | 0       | 0       | 0    | 0    | 0    | Aerial count, Super Cub |                        | Barrett (1975a)          |
|                             | 1974 | 10/03 | 1       |         |      |      |      | Aerial count, Super Cub |                        | Barrett (1975a)          |
|                             | 1974 |       | 160     |         |      |      |      |                         | Peak survey count      | ADF&G (1982)             |
|                             | 1975 | 8/29  | 135     |         |      |      |      | Aerial count, Super Cub |                        | Friese (1976a)           |
|                             | 1975 |       | 159     |         |      |      |      |                         | Includes Role Jo Creek | Tarbox & Sanders (1980)  |
|                             | 1976 | 8/17  | 66      |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1976 | 8/26  | 92      |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1976 | 9/14  | 117     |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1976 | 9/16  | 130     |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1976 |       | 180     |         |      |      |      | Aerial count, Super Cub | Peak survey count      | Friese (1976b)           |
|                             | 1976 |       | 215     |         |      |      |      | Aerial count            | Includes Role Jo Creek | Tarbox & Sanders (1980)  |
|                             | 1977 | 8/24  | 43      |         |      |      |      | Aerial count            | Includes Role Jo Creek | Tarbox & Sanders (1980)  |
|                             | 1977 | 9/01  | 4       |         |      |      |      |                         |                        | ADF&G (1982)             |
|                             | 1978 | 8/29  | 13      |         |      |      |      | Aerial count            | Includes Role Jo Creek | Waltemyer et al. (1980)  |
|                             | 1979 | 9/07  | 645     |         |      |      |      | Aerial count            |                        | Tarbox & Sanders (1980)  |
|                             | 1979 | 9/07  |         | 92      |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1980 | 9/11  | 650     |         |      |      |      | Aerial count            | Includes Role Jo Creek | Tarbox & Sanders (1980)  |
|                             | 1981 | 8/25  | 600     |         |      |      |      |                         |                        | ADF&G (1982)             |
|                             | 1981 |       | 505     |         |      |      |      | Aerial count            | Includes Role Jo Creek | Tarbox et al. (1983)     |
|                             | 1981 | 8/23  | 5900    |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1982 |       | 100     |         |      | 1000 |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1984 | 8/26  | 776     |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |
|                             | 1984 | 8/30  | 1400    |         |      |      |      |                         |                        | ADF&G (1985c)-SUSONE.TAB |

247-41-10200-2020-0020

247-41-10200-2020-0030

247-41-10200-2020-0040

247-41-10200-2020-3031

247-41-10200-2020-3031-4016

247-41-10200-2020-3041

247-41-10200-2020-3041-0020

247-41-10200-2020-3110

247-41-10200-2020-3110-0010

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME               | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS                                      | DATA SOURCE              |
|---|------|------|---------|---------|------|------|------|-------------------------|---|--------------------------|
| <b>Cow Lake</b>                           |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3130<br>Role Jo Creek * | Hist |      |         |         |      |      |      |                         | Note - TYONEK C-1<br>Sockeye and coho present |                          |
|   | 1972 | 8/16 |         | 40      |      |      |      | Aerial count, Super Cub |   | Barrett (1973a)          |
|   | 1972 | 8/29 |         | 160     |      |      |      | Aerial count, Super Cub |   | Barrett (1973a)          |
|   | 1973 | 8/17 | 0       | 0       | 0    | 0    | 0    | Aerial count, Super Cub |   | Barrett (1973a)          |
|   | 1973 | 9/04 |         | 47      |      |      |      | Aerial count, Super Cub |   | Barrett (1973a)          |
|   | 1974 |      | 0       | 0       | 0    | 0    | 0    | Aerial count, Super Cub |   | Barrett (1975a)          |
|   | 1975 | 8/29 |         | 24      |      |      |      | Aerial count, Super Cub |   | Friese (1976a)           |
|   | 1976 | 9/26 |         | 25      |      |      |      | Aerial count, Super Cub |   | Friese (1976b)           |
|   | 1976 |      |         | 35      |      |      |      | Aerial count, Super Cub | Peak survey count                             | Friese (1976b)           |
|   | 1977 | 8/24 |         | 43      |      |      |      |                         |   | ADF&G (1982)             |
|   | 1977 | 9/01 |         | 4       |      |      |      |                         |   | ADF&G (1982)             |
|   | 1977 |      |         | 28      |      |      |      | Aerial count            |   | Namivedt et al. (1979)   |
|   | 1978 |      |         | 0       |      |      |      | Aerial count            |   | Waltemyer et al. (1980)  |
|   | 1983 | 8/23 |         | 450     |      |      |      |                         |   | ADF&G (1985c)-SUSONE,TAB |
|   | 1984 | 8/26 |         | 450     |      |      |      |                         |   | ADF&G (1985c)-SUSONE,TAB |
|   | 1984 | 8/30 |         | 240     |      |      |      |                         |   | ADF&G (1985c)-SUSONE,TAB |
| 247-41-10200-2020-3130-0020<br>Lynx Lake  |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3130-4020               |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3150                    |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3150-0010               |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3185                    |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3185-0010               |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3195                    |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2020-3195-0010               |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2030                         |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2043<br>Anderson Creek       |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2050                         |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2060                         |      |      |         |         |      |      |      |                         |   |                          |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD | COMMENTS                          | DATA SOURCE             |
|-----------------------------|------|-----------|---------|---------|------|------|------|---------------|-----------------------------------|-------------------------|
| 247-41-10200-2070           |      |           |         |         |      |      |      |               |                                   |                         |
| 247-41-10200-2075           |      |           |         |         |      |      |      |               |                                   |                         |
| 247-41-10200-2081           |      |           |         |         |      |      |      |               |                                   |                         |
| Deshka River / Krito Creek  | Hist |           |         |         |      |      |      |               |                                   |                         |
|                             | 1958 | 5/29      | 3       |         |      |      |      |               | Max. count chinook 3,000 (1954);  |                         |
|                             | 1961 | 6/06      | 18      |         |      |      |      |               | 86 sockeye (1950); 300,000        |                         |
|                             | 1962 | 8/08-8/11 | 998     |         |      |      |      |               | pinks (1954)                      |                         |
|                             | 1963 | 7/03      | 131     |         |      |      |      |               | Suspected ground survey or aerial | Kubik (1964)            |
|                             | 1964 | 8/17      | 311     |         |      |      |      |               | Peak count                        | Stefanich (1962)        |
|                             | 1964 |           | 2422    |         |      |      |      |               |                                   | Kubik (1963)            |
|                             | 1965 | 7/29      | 640     |         |      |      |      |               |                                   | Kubik (1964)            |
|                             | 1965 |           | 2749    |         |      |      |      |               |                                   | Kubik (1965)            |
|                             | 1965 |           | 5000    |         |      |      |      |               |                                   | Kubik (1966)            |
|                             | 1966 |           | 281     |         |      |      |      |               |                                   | Kubik (1966)            |
|                             | 1966 |           | 933     |         |      |      |      |               |                                   | Kubik (1967)            |
|                             | 1966 |           | 2000    |         |      |      |      |               |                                   | Kubik (1967)            |
|                             | 1967 |           | 764     |         |      |      |      |               |                                   | Kubik (1967)            |
|                             | 1967 |           | 1535    |         |      |      |      |               |                                   | Kubik (1968)            |
|                             | 1967 |           | 2500    |         |      |      |      |               |                                   | Kubik (1968)            |
|                             | 1968 |           | 1246    |         |      |      |      |               |                                   | Kubik (1969)            |
|                             | 1968 |           | 4863    |         |      |      |      |               |                                   | Kubik (1969)            |
|                             | 1969 |           | 2036    |         |      |      |      |               |                                   | Kubik (1970)            |
|                             | 1969 |           | 5652    |         |      |      |      |               |                                   | Kubik (1970)            |
|                             | 1969 |           | 2300    |         |      |      |      |               |                                   | Stewart & Flagg (1969)  |
|                             | 1970 |           | 1417    |         |      |      |      |               |                                   | Kubik (1971)            |
|                             | 1970 |           | 5286    |         |      |      |      |               |                                   | Kubik (1971)            |
|                             | 1971 |           | 161     |         |      |      |      |               |                                   | Kubik (1972)            |
|                             | 1972 |           | 877     |         |      |      |      |               |                                   | Kubik (1973)            |
|                             | 1972 |           | 1780    |         |      |      |      |               |                                   | Kubik (1973)            |
|                             | 1972 |           | 275     |         |      |      |      |               |                                   | ADF&G (1982)            |
|                             | 1972 |           | 1780    |         |      |      |      |               |                                   | Kubik & Trent (1974)    |
|                             | 1973 |           | 2381    |         |      |      |      |               |                                   | Kubik & Trent (1974)    |
|                             | 1974 |           | 5279    |         |      |      |      |               |                                   | Kubik & Chlupach (1975) |
|                             | 1975 |           | 4737    |         |      |      |      |               |                                   | Kubik & Riis (1976)     |
|                             | 1976 |           | 21693   |         |      |      |      |               |                                   | Kubik & Wadman (1977)   |
|                             | 1977 |           | 39642   |         |      |      |      |               |                                   | Kubik & Wadman (1978)   |
|                             | 1978 |           | 24639   |         |      |      |      |               |                                   | Kubik & Wadman (1979)   |
|                             | 1979 |           | 5373    |         |      |      |      |               |                                   | Delaney et al. (1981)   |
|                             | 1979 |           | 2830    |         |      |      |      |               |                                   | Delaney et al. (1981)   |
|                             |      |           |         |         |      |      |      |               |                                   |                         |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME                | YEAR | DATE      | CHINOOK | SOCKEYE | COHO  | CHUM | PINK   | SURVEY METHOD                        | COMMENTS  | DATA SOURCE            |
|--|------|-----------|---------|---------|-------|------|--------|--------------------------------------|---|------------------------|
|  | 1979 |           | 1212    |         |       |      |        | Aerial count                         | Study Area III, IV, V, & VI   | Delaney et al. (1981)  |
|  | 1979 |           | 27385   |         |       |      |        | Aerial count                         | Entire Deshka River system  | Kubik & Delaney (1980) |
|  | 1979 |           | 7908    |         |       |      |        | Aerial count                         | Kroto Creek above confluence with Moose Creek   | Delaney et al. (1981)  |
|  | 1982 |           |         | 500     | 10000 |      | 500000 |                                      | Entire Deshka River System  | Kubik (pers.comm.)     |
|  | 1982 |           |         | 20000   |       |      |        | ADF&G, Sport Fish                    | ADF&G (1985c)-SUSONE.TAB  |                        |
|  | 1982 |           |         | 16000   |       |      |        | Aerial count                         | Delaney & Hepier (1983)   |                        |
|  | 1982 | 8/05-8/09 | 10671   |         |       |      |        | Aerial count, helicopter - Fair      | Partial count - Mainstem Deshka from Trapper Creek to Forks; Trapper Creek not surveyed | ADF&G (1983a)          |
|  | 1983 | 7/26      | 19237   |         |       |      |        | Aerial count, helicopter - Excellent |   | Barrett et al. (1984)  |
|  | 1984 | 8/04      | 16892   |         |       |      |        | Aerial count, helicopter - Good      |   | Barrett et al. (1985)  |
| 247-41-10200-2081-0010<br>Kroto Lake       |      |           |         |         |       |      |        |                                      |   |                        |
| 247-41-10200-2081-3050<br>Trapper Creek    | Hist |           |         |         |       |      |        |                                      | Max. count 234 chinook (1964)   |                        |
|  | 1964 | 8/10      | 234     |         |       |      |        | Boat survey                          |   | Kubik (1965)           |
|  | 1967 |           | 121     |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1968 |           | 184     |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1972 |           | 0       |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1979 |           | 283     |         |       |      |        | Aerial count                         |   | Delaney et al. (1981)  |
|  | 1983 | 7/29      |         | 3000    |       |      |        |                                      |   | Marcuson (pers. comm.) |
| 247-41-10200-2081-3065<br>Chijuk Creek *   | 1964 | 8/09      | 238     |         |       |      |        | Boat survey                          | Note - TYONEK D-2   | Kubik (1965)           |
|  | 1965 | 7/28      | 16      |         |       |      |        | Aerial count                         |   | Kubik (1966)           |
|  | 1966 |           | 27      |         |       |      |        | Aerial count                         |   | Kubik (1973)           |
|  | 1967 |           | 54      |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1968 |           | 242     |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1969 |           | 14      |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1970 |           | 195     |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1971 |           | 36      |         |       |      |        | Ground survey                        |   | Kubik (1973)           |
|  | 1979 |           | 1220    |         |       |      |        | Aerial count                         |   | Delaney et al. (1981)  |
| 247-41-10200-2081-3065-4019                |      |           |         |         |       |      |        |                                      |   |                        |
| 247-41-10200-2081-3065-4027<br>Yenio Creek |      |           |         |         |       |      |        |                                      |   |                        |
| 247-41-10200-2081-3081<br>Twentymile Creek | Hist |           |         |         |       |      |        |                                      | Max. count 2,705 chinook (1965)   |                        |
|  | 1964 | 8/07      | 11      |         |       |      |        | Aerial count                         |   | Kubik (1965)           |

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Appendix Table 1-1 (Continued).

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK   | SURVEY METHOD                            | COMMENTS  | DATA SOURCE              |
|-----------------------------|------|-------|---------|---------|------|------|--------|--|---|--------------------------|
|                             | 1963 | 7/30  | 55      |         |      |      |        | Aerial count                             |   | Kubik (1964)             |
|                             | 1964 | 8/02  | 51      |         |      |      |        | Boat survey                              |   | Kubik (1965)             |
|                             | 1965 | 7/11  | 35      |         |      |      |        | Aerial count                             |   | Kubik (1966)             |
|                             | 1966 |       | 103     |         |      |      |        | Aerial count                             |   | Kubik (1967)             |
|                             | 1967 |       | 24      |         |      |      |        | Aerial count                             |   | Kubik (1968)             |
|                             | 1968 |       | 125     |         |      |      |        | Aerial count                             |   | Kubik (1969)             |
|                             | 1969 |       | 290     |         |      |      |        | Ground survey                            |   | Redick (1970)            |
|                             | 1969 |       | 100     |         |      |      |        |  | Index area  |                          |
|                             | 1970 |       | 640     |         |      |      |        |  | Excellent observation - all at mouth                        | Stewart & Flagg (1969)   |
|                             | 1971 |       | 165     |         |      |      |        | Ground survey                            |   | Redick (1971)            |
|                             | 1972 |       | 370     |         |      |      |        | Boat survey                              |   | Watsjold (1972)          |
|                             | 1972 |       | 11      |         |      |      |        | Boat survey                              |   | Watsjold (1973)          |
|                             | 1973 |       | 1074    |         |      |      |        | Boat survey                              |   | ADF&G (1982)             |
|                             | 1973 | 7/24  | 678     |         |      |      |        |  |   | Watsjold (1974)          |
|                             | 1973 | 7/25  | 981     |         |      |      |        |  |   | ADF&G (1982)             |
|                             | 1974 | 7/26  | 402     |         |      |      |        | Ground survey                            |   | ADF&G (1982)             |
|                             | 1975 | 8/04  | 177     |         |      |      |        | Ground survey                            |   | Watsjold (1975)          |
|                             | 1976 | 7/15  | 1660    |         |      |      |        | Ground survey                            |   | Watsjold (1976)          |
|                             | 1977 |       | 1065    |         |      |      |        | Ground survey                            |   | Watsjold (1977)          |
|                             | 1978 |       | 1166    |         |      |      |        | Ground survey - Poor                     |   | Watsjold (1978)          |
|                             | 1979 |       | 848     |         |      |      |        | Ground survey - Poor                     |   | Watsjold (1979)          |
|                             | 1980 |       |         |         |      |      |        |  | No count - high, turbid water                               | Bentz (1982)             |
|                             | 1981 |       | 1357    |         |      |      |        |  |   | ADF&G (1982)             |
|                             | 1981 |       |         |         |      | 7000 | 250000 |  | Max. abundance estimate based on several years observations | Engel (pers.comm.)       |
|                             | 1981 | 7/29  | 991     |         |      |      |        | Aerial count, helicopter - Good          |   | ADF&G (1981)             |
|                             | 1982 |       | 821     |         |      |      |        |  |   | ADF&G (1985c)-SUSONE.TAB |
|                             | 1982 | 8/06  | 592     |         |      |      |        | Ground survey - Fair                     |   | ADF&G (1983a)            |
|                             | 1983 | 7/18  | 83      |         |      |      |        | Aerial count, helicopter - Good          |   | Barrett et al. (1984)    |
|                             | 1983 | 7/19  | 694     |         |      |      |        | Boat survey, raft - Excellent            |   | Barrett et al. (1984)    |
|                             | 1983 |       | 777     |         |      |      |        |  |   | Hepler & Bentz (1984)    |
|                             | 1984 |       | 2789    |         |      |      |        |  |   | Hepler & Bentz (1985)    |
|                             | 1984 | 10/06 | 0       | 0       | 0    | 0    | 0      | Aerial count, helicopter - Good, TRM 0.0 |   | Barrett et al. (1985)    |
|                             | 1984 | 7/27  | 0       | 0       | 0    | 0    | 0      | Ground survey - Poor, TRM 0.0            |   | Barrett et al. (1985)    |
|                             | 1984 | 8/06  | 0       | 77      | 90   | 157  | 2871   | Ground survey - Excellent, TRM 0.0       |   | Barrett et al. (1985)    |
|                             | 1984 | 8/12  | 0       | 212     | 347  | 16   | 926    | Ground survey - Good, TRM 0.0            |   | Barrett et al. (1985)    |
|                             | 1984 | 8/22  | 0       | 0       | 1198 | 0    | 125    | Ground survey - Excellent, TRM 0.0       |   | Barrett et al. (1985)    |
|                             | 1984 | 8/30  | 0       | 0       | 92   | 1    | 10     | Ground survey - Fair, TRM 0.0            |   | Barrett et al. (1985)    |
|                             | 1984 | 9/09  | 0       | 0       | 7    | 0    | 7      | Ground survey - Excellent, TRM 0.0       |   | Barrett et al. (1985)    |
|                             | 1984 | 9/18  | 0       | 0       | 3    | 0    | 2      | Ground survey - Good, TRM 0.0            |   | Barrett et al. (1985)    |
|                             | 1984 | 9/25  | 0       | 0       | 3    | 0    | 8      | Ground survey - Excellent, TRM 0.0       |   | Barrett et al. (1985)    |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME              | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                   | COMMENTS                                    | DATA SOURCE            |
|--|------|------|---------|---------|------|------|------|---------------------------------|---|------------------------|
| 247-41-10200-2120-3010-0010              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3017                   |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020                   |      |      |         |         |      |      |      |                                 |   |                        |
|  | 1978 |      | 495     |         |      |      |      | Ground survey                   | Note - TYONEK D-I                           |                        |
|  | 1979 |      | 238     |         |      |      |      | Ground survey                   | Upper Deception Creek                       | Watsjold (1979)        |
|  | 1980 |      | 366     |         |      |      |      |                                 | Upper Deception Creek                       | Watsjold (1980)        |
|  | 1981 | 7/29 | 366     |         |      |      |      | Aerial count, helicopter - Good | Less than 10% mortality at this time        | ADF&G (1981)           |
|  | 1982 | 8/06 | 229     |         |      |      |      | Ground survey - Fair            |   | ADF&G (1983a)          |
|  | 1983 |      | 121     |         |      |      |      |                                 |   | Hepler & Bentz (1984)  |
|  | 1984 |      | 675     |         |      |      |      |                                 |   | Hepler & Bentz (1985)  |
| 247-41-10200-2120-3020-4010              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4018              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4021              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4031              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4041              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4051              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4071              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3071-5011              |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4071-5018         |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2120-3020-4071-5050         |      |      |         |         |      |      |      |                                 |   |                        |
| 247-41-10200-2130<br>Little Willow Creek | Hist |      |         |         |      |      |      |                                 | Max. count 278 chinook (1969); 35,000 pinks |                        |
|  |      |      |         |         |      |      |      |                                 | Peak count                                  |                        |
|  | 1961 | 6/27 | 112     |         |      |      |      | Aerial count, fixed wing        |   | Stefanich (1962)       |
|  | 1962 | 7/16 | 26      |         |      |      |      | Aerial count                    |   | Kubik (1963)           |
|  | 1963 | 7/09 | 11      |         |      |      |      | Aerial count                    |   | Kubik (1964)           |
|  | 1964 | 8/13 | 7       |         |      |      |      | Aerial count                    |   | Kubik (1965)           |
|  | 1965 | 7/06 | 3       |         |      |      |      | Aerial count                    |   | Kubik (1966)           |
|  | 1966 |      | 38      |         |      |      |      | Aerial count                    |   | Kubik (1967)           |
|  | 1967 |      | 6       |         |      |      |      | Aerial count                    |   | Kubik (1968)           |
|  | 1968 |      | 12      |         |      |      |      | Aerial count                    |   | Kubik (1968)           |
|  | 1969 |      | 150     |         |      |      |      | Ground survey                   | Excellent observation - all at mouth        | Stewart & Flagg (1969) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME    | YEAR                        | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS                             | DATA SOURCE           |
|--------------------------------|-----------------------------|-------|---------|---------|------|------|------|--|--------------------------------------|-----------------------|
|                                | 1970                        | 7/28  | 45      |         |      |      |      | Aerial count - Poor                      |                                      | Watsjold (1973)       |
|                                | 1972                        | 8/01  | 99      |         |      |      |      | Aerial count                             |                                      | Watsjold (1973)       |
|                                | 1973                        |       | 371     |         |      |      |      | Aerial count, helicopter                 |                                      | Watsjold (1974)       |
|                                | 1974                        |       | 139     |         |      |      |      | Aerial count, helicopter - Poor          |                                      | Watsjold (1975)       |
|                                | 1975                        |       | 103     |         |      |      |      | Aerial count, helicopter                 |                                      | Watsjold (1976)       |
|                                | 1976                        |       | 833     |         |      |      |      | Aerial count, helicopter                 |                                      | Watsjold (1977)       |
|                                | 1977                        |       | 598     |         |      |      |      | Aerial count, helicopter                 |                                      | Watsjold (1978)       |
|                                | 1978                        |       | 436     |         |      |      |      | Aerial count, helicopter                 |                                      | Watsjold (1979)       |
|                                | 1979                        |       | 324     |         |      |      |      | Aerial count, helicopter - Poor          |                                      | Watsjold (1980)       |
|                                | 1980                        |       |         |         |      |      |      |  | No count - high, turbid water        | Bentz (1982)          |
|                                | 1981                        | 7/31  | 459     |         |      |      |      | Aerial count, helicopter - Good          | Less than 10% mortality at this time | ADF&G (1981)          |
|                                | 1982                        | 8/07  | 316     |         |      |      |      | Aerial count, helicopter - Good          |                                      | ADF&G (1983a)         |
|                                | 1983                        | 7/19  | 1042    |         |      |      |      | Aerial count, helicopter - Good          |                                      | Barrett et al. (1984) |
|                                | 1984                        | 9/20  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, TRM 0.0 |                                      | Barrett et al. (1985) |
|                                | 1984                        | 10/06 | 0       | 0       | 2    | 0    | 0    | Aerial count, helicopter - Good, TRM 0.0 |                                      | Barrett et al. (1985) |
|                                | 1984                        | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/03  | 0       | 5       | 2    | 15   | 145  | Ground survey - Good/Excellent, TRM 0.0  |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/11  | 0       | 0       | 1    | 2    | 32   | Ground survey - Fair/Good, TRM 0.0       |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/21  | 0       | 12      | 3    | 0    | 412  | Ground survey - Excellent, TRM 0.0       |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/29  | 0       | 0       | 10   | 0    | 23   | Ground survey - Good, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 9/08  | 0       | 0       | 0    | 2    | 12   | Ground survey - Excellent, TRM 0.0       |                                      | Barrett et al. (1985) |
|                                | 1984                        | 9/26  | 0       | 0       | 0    | 2    | 21   | Ground survey - Excellent, TRM 0.0       |                                      | Barrett et al. (1985) |
| A54                            | 247-41-10200-2130-3011      |       |         |         |      |      |      |  | RM 59.5                              |                       |
|                                | 247-41-10200-2130-3011-0010 |       |         |         |      |      |      |  |                                      |                       |
|                                | Kashwitna Lake              |       |         |         |      |      |      |  |                                      |                       |
| 247-41-10200-2170 *            |                             |       |         |         |      |      |      | Note - TYONEK D-1                        |                                      |                       |
| 196 Mile Creek / Grays Creek * | 1984                        | 10/06 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, TRM 0.0 |                                      | Barrett et al. (1985) |
|                                | 1984                        | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Very Poor, TRM 0.0       |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/20  | 0       | 0       | 0    | 0    | 1    | Ground survey - Poor, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 8/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, TRM 0.0       |                                      | Barrett et al. (1985) |
|                                | 1984                        | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |                                      | Barrett et al. (1985) |
|                                | 1984                        | 9/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, TRM 0.0            |                                      | Barrett et al. (1985) |
| 247-41-10200-2180              |                             |       |         |         |      |      |      |  |                                      |                       |
| Kashwitna River                | 1958                        | 7/04  | 0       |         |      |      |      | Suspected aerial count                   |                                      | Kubik (1964)          |
|                                | 1961                        | 7/25  | 35      |         |      |      |      | Aerial count, fixed wing                 |                                      | Stefanich (1962)      |
|                                | 1962                        |       | 0       |         |      |      |      | Aerial count                             |                                      | Kubik (1963)          |
|                                | 1963                        |       | 0       |         |      |      |      | Aerial count                             |                                      | Kubik (1964)          |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME                          | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS                                       | DATA SOURCE           |
|--|------|------|---------|---------|------|------|------|--|--|-----------------------|
|  | 1984 | 9/10 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, TRM 0.0 |  | Barrett et al. (1985) |
|  | 1984 | 7/26 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 8/02 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 8/10 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 8/20 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 8/28 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 9/27 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, TRM 0.0            |  | Barrett et al. (1985) |
| 247-41-10200-2180-3061<br>North Fork Kashwitna River | Hist |      |         |         |      |      |      |  | Chinook present, max count 10,000 pinks (1966) |                       |
|  | 1961 | 7/25 | 35      |         |      |      |      | Aerial count, fixed wing                 | Peak count                                     | Stefanich (1962)      |
|  | 1962 | 7/31 | 19      |         |      |      |      | Aerial count                             |  | Kubik (1963)          |
|  | 1963 | 7/07 | 3       |         |      |      |      | Aerial count                             |  | Kubik (1964)          |
|  | 1964 | 7/17 | 14      |         |      |      |      | Aerial count                             |  | Kubik (1965)          |
|  | 1965 | 7/11 | 3       |         |      |      |      | Aerial count                             |  | Kubik (1966)          |
|  | 1966 |      | 2       |         |      |      |      | Aerial count                             |  | Kubik (1967)          |
|  | 1971 |      | 1       |         |      |      |      | Aerial count - Poor                      |  | Watsjold (1972)       |
|  | 1972 |      | 31      |         |      |      |      | Aerial count                             |  | Watsjold (1973)       |
|  | 1973 |      | 183     |         |      |      |      | Aerial count, fixed wing                 |  | Watsjold (1974)       |
|  | 1974 |      | 103     |         |      |      |      | Aerial count, fixed wing                 |  | Watsjold (1975)       |
|  | 1975 |      | 33      |         |      |      |      | Aerial count, helicopter                 |  | Watsjold (1976)       |
|  | 1976 |      | 303     |         |      |      |      | Aerial count, helicopter                 |  | Watsjold (1977)       |
|  | 1977 |      | 336     |         |      |      |      | Aerial count, helicopter                 |  | Watsjold (1978)       |
|  | 1978 |      | 362     |         |      |      |      | Aerial count, helicopter                 |  | Watsjold (1979)       |
|  | 1979 |      | 457     |         |      |      |      | Aerial count, helicopter                 |  | Watsjold (1980)       |
|  | 1980 |      |         |         |      |      |      |  | No count - high, turbid water                  | Bentz (1982)          |
|  | 1981 | 7/31 | 557     |         |      |      |      | Aerial count, helicopter - Good          | Less than 10% mortality at this time           | ADF&G (1981)          |
|  | 1982 | 8/10 | 156     |         |      |      |      | Aerial count, helicopter - Excellent     |  | ADF&G (1983a)         |
|  | 1983 | 7/18 | 297     |         |      |      |      | Aerial count, helicopter - Good          |  | Barrett et al. (1984) |
|  | 1984 | 7/31 | 111     |         |      |      |      | Aerial count, helicopter - Poor          |  | Barrett et al. (1985) |
|  | 1984 | 8/20 |         |         |      |      |      |  |  | Barrett et al. (1985) |
|  | 1984 | 9/27 |         |         | 33   | 172  |      |  |  | Barrett et al. (1985) |
| 247-41-10200-2190<br>Caswell Creek                   |      |      |         |         |      |      |      |  |  |                       |
|  | 1958 | 6/10 | 0       |         |      |      |      |  | Suspected aerial count                         | Kubik (1964)          |
|  | 1961 | 7/06 | 6       |         |      |      |      |  |  | Stefanich (1962)      |
|  | 1962 | 7/01 |         |         |      |      |      | Aerial count, fixed wing                 |  | Kubik (1963)          |
|  | 1963 | 7/07 | 0       |         |      |      |      | Ground survey                            | Chinook present - jumpers sited                | Kubik (1964)          |
|  | 1966 |      | 1       |         |      |      |      | Aerial count                             |  | Kubik (1967)          |
|  | 1984 | 7/26 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 7/30 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|  | 1984 | 8/06 | 2       | 0       | 44   | 14   | 16   | Ground survey - Fair, TRM 0.0            |  | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME            | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                   | COMMENTS               | DATA SOURCE            |
|--|------|------|---------|---------|------|------|------|---------------------------------|------------------------|------------------------|
|  | 1984 | 8/13 | 0       | 0       | 42   | 34   | 39   | Ground survey - Fair, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 8/20 | 0       | 0       | 32   | 21   | 29   | Ground survey - Poor, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 8/28 | 0       | 0       | 42   | 20   | 27   | Ground survey - Good, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 9/06 | 0       | 0       | 40   | 11   | 20   | Ground survey - Good, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 9/13 | 0       | 0       | 25   | 7    | 4    | Ground survey - Good, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 9/21 | 0       | 0       | 23   | 10   | 3    | Ground survey - Good, TRM 0.0   |                        | Barrett et al. (1985)  |
| 247-41-10200-2190-0010<br>Caswell Lake |      |      |         |         |      |      |      |                                 |                        |                        |
| 247-41-10200-2190-3020                 |      |      |         |         |      |      |      |                                 |                        |                        |
| 247-41-10200-2200<br>Sheep Creek       | 1958 | 6/15 | 200     |         |      |      |      |                                 | Suspected aerial count | Kubik (1964)           |
|  | 1961 | 7/06 | 70      |         |      |      |      |                                 | Peak count             | Stefanich (1962)       |
|  | 1962 | 7/16 | 35      |         |      |      |      |                                 |                        | Kubik (1963)           |
|  | 1963 | 8/07 | 24      |         |      |      |      |                                 |                        | Kubik (1964)           |
|  | 1964 | 7/17 | 5       |         |      |      |      |                                 |                        | Kubik (1965)           |
|  | 1965 | 7/07 | 3       |         |      |      |      |                                 |                        | Kubik (1966)           |
|  | 1966 |      | 100     |         |      |      |      |                                 |                        | Kubik (1967)           |
|  | 1969 |      | 150     |         |      |      |      |                                 |                        | Kubik (1970)           |
|  | 1969 |      | 250     |         |      |      |      |                                 |                        |                        |
|  | 1972 |      | 101     |         |      |      |      |                                 |                        | Stewart & Flagg (1969) |
|  | 1973 |      | 482     |         |      |      |      |                                 |                        | Watsjold (1973)        |
|  | 1974 |      | 202     |         |      |      |      |                                 |                        | Watsjold (1974)        |
|  | 1975 |      | 42      |         |      |      |      |                                 |                        | Watsjold (1975)        |
|  | 1976 |      | 455     |         |      |      |      |                                 |                        | Watsjold (1976)        |
|  | 1977 |      | 630     |         |      |      |      |                                 |                        | Watsjold (1977)        |
|  | 1978 |      | 1209    |         |      |      |      |                                 |                        | Watsjold (1978)        |
|  | 1979 |      | 778     |         |      |      |      |                                 |                        | Watsjold (1979)        |
|  | 1980 |      |         |         |      |      |      |                                 |                        | Watsjold (1980)        |
|  | 1981 | 7/31 | 1013    |         |      |      |      |                                 |                        | Bentz (1982)           |
|  | 1982 | 8/07 | 527     |         |      |      |      |                                 |                        | ADF&G (1981)           |
|  | 1983 | 8/18 | 945     |         |      |      |      |                                 |                        | ADF&G (1983a)          |
|  | 1983 |      | 975     |         |      |      |      |                                 |                        | Bartlett et al. (1984) |
|  |      |      |         |         |      |      |      |                                 |                        | Hepler & Bentz (1984)  |
|  | 1984 | 7/26 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 7/30 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 7/31 | 1028    |         |      |      |      | Aerial count, helicopter - Fair |                        | Barrett et al. (1985)  |
|  | 1984 | 8/06 | 0       | 0       | 0    | 86   | 91   | Ground survey - Poor, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 8/13 | 0       | 0       | 21   | 111  | 211  | Ground survey - Poor, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 8/20 | 0       | 0       | 0    | 6    | 0    | Ground survey - Poor, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 8/28 | 0       | 0       | 1    | 5    | 1    | Ground survey - Fair, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 9/06 | 0       | 0       | 4    | 5    | 14   | Ground survey - Fair, TRM 0.0   |                        | Barrett et al. (1985)  |
|  | 1984 | 9/13 | 0       | 0       | 21   | 2    | 4    | Ground survey - Good, TRM 0.0   |                        | Barrett et al. (1985)  |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS  | DATA SOURCE           |
|-----------------------------|------|------|---------|---------|------|------|------|--|---|-----------------------|
| 247-41-10200-2230           | 1984 | 9/21 | 0       | 0       | 14   | 2    | 2    | Ground survey - Good, TRM 0.0            |   | Barrett et al. (1985) |
| Goose Creek                 | Hist |      |         |         |      |      |      |  |   |                       |
|                             | 1958 | 7/15 | 1       |         |      |      |      |  | Chinook, chum present, max. count 5,000 pinks (1969); 177 coho (1968) |                       |
|                             | 1961 | 7/25 | 0       |         |      |      |      |  | Suspect ground survey or aerial count                                 | Kubik (1964)          |
|                             | 1962 | 6/27 | 0       |         |      |      |      |  | Suspect ground survey or aerial count                                 | Kubik (1964)          |
|                             | 1963 | 7/07 | 0       |         |      |      |      |  | Suspect ground survey or aerial count                                 | Kubik (1964)          |
|                             | 1968 | 9/05 |         |         | 147  |      |      | Ground survey                            | Index area, total estimate = 200 coho                                 | Redick (1969a)        |
|                             | 1969 |      |         |         |      |      | 0    | Ground survey                            | Index area  | Redick (1970)         |
|                             | 1970 |      |         |         |      |      | 2    | Ground survey                            | Index area  | Redick (1971)         |
|                             | 1970 | 9/16 |         |         |      | 2    |      |  |   | ADF&G (1982)          |
|                             | 1974 | 7/26 | 41      |         |      |      |      | Aerial count, fixed wing                 |   | Watsjold (1975)       |
|                             | 1975 | 8/03 | 13      |         |      |      |      | Aerial count, fixed wing                 |   | Watsjold (1976)       |
|                             | 1976 | 7/15 | 160     |         |      |      |      | Aerial count, fixed wing                 |   | Watsjold (1977)       |
|                             | 1976 | 7/23 | 104     |         |      |      |      |  |   | ADF&G (1982)          |
|                             | 1977 |      | 133     |         |      |      |      | Aerial count, helicopter                 |   | Watsjold (1978)       |
|                             | 1978 |      | 283     |         |      |      |      | Aerial count, helicopter                 |   | Watsjold (1979)       |
|                             | 1980 |      |         |         |      |      |      |  | No count - high, turbid water   | Bentz (1982)          |
|                             | 1981 | 7/30 | 262     |         |      |      |      | Aerial count, helicopter - Good          | Less than 10% mortality at this time                                  | ADF&G (1981)          |
|                             | 1982 | 8/07 | 140     |         |      |      |      | Aerial count, helicopter - Good          |   | ADF&G (1983a)         |
|                             | 1983 | 7/18 | 477     |         |      |      |      | Aerial count, helicopter - Fair          |   | Barrett et al. (1984) |
|                             | 1984 | 7/31 | 258     |         |      |      |      | Aerial count, helicopter - Fair          |   | Barrett et al. (1985) |
|                             | 1984 | 9/14 | 0       | 0       | 7    | 4    | 4    | Aerial count, helicopter - Good, TRM 0.0 |   | Barrett et al. (1985) |
|                             | 1984 | 9/22 | 0       | 0       | 9    | 3    | 3    | Aerial count, helicopter - Good, TRM 0.0 |   | Barrett et al. (1985) |
|                             | 1984 | 7/27 | 3       | 74      | 0    | 128  | 0    | Ground survey - Poor/Fair, TRM 0.0       |   | Barrett et al. (1985) |
|                             | 1984 | 7/31 | 0       | 0       | 0    | 72   | 282  | Ground survey - Fair, TRM 0.0            |   | Barrett et al. (1985) |
|                             | 1984 | 8/07 | 0       | 0       | 8    | 278  | 178  | Ground survey - Fair, TRM 0.0            |   | Barrett et al. (1985) |
|                             | 1984 | 8/14 | 0       | 3       | 7    | 281  | 223  | Ground survey - Good, TRM 0.0            |   | Barrett et al. (1985) |
|                             | 1984 | 8/21 | 0       | 0       | 13   | 11   | 25   | Ground survey - Good, TRM 0.0            |   | Barrett et al. (1985) |
|                             | 1984 | 8/29 | 0       | 0       | 19   | 12   | 19   | Ground survey - Good, TRM 0.0            |   | Barrett et al. (1985) |
|                             | 1984 | 9/07 | 0       | 0       | 14   | 9    | 15   | Ground survey - Excellent, TRM 0.0       |   | Barrett et al. (1985) |
| 247-41-10200-2250           | Hist |      |         |         |      |      |      |  | Chinook present, max. count 30,000 pinks (1966); 450 coho (1951)      |                       |
| Montana Creek               |      |      |         |         |      |      |      |  | Suspected aerial count  | Kubik (1964)          |
|                             | 1958 | 7/11 | 43      |         |      |      |      |  | Peak count  | Stefanich (1962)      |
|                             | 1961 | 7/13 | 65      |         |      |      |      |  |   | Kubik (1963)          |
|                             | 1962 | 6/30 | 75      |         |      |      |      |  |   | Kubik (1964)          |
|                             | 1963 | 7/09 | 23      |         |      |      |      |  |   | Kubik (1965)          |
|                             | 1964 | 8/04 | 75      |         |      |      |      |  |   | Kubik (1966)          |
|                             | 1965 | 7/30 | 57      |         |      |      |      |  |   | Kubik (1967)          |
|                             | 1966 |      | 100     |         |      |      |      |  |   |                       |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                      | COMMENTS                             | DATA SOURCE            |
|-----------------------------|------|------|---------|---------|------|------|------|------------------------------------|--------------------------------------|------------------------|
|                             | 1967 |      | 2       |         |      |      |      | Ground survey                      |                                      | Kubik (1968)           |
|                             | 1968 |      | 5       |         |      |      |      | Ground survey                      |                                      | Kubik (1969)           |
|                             | 1969 |      | 250     |         |      |      |      |                                    | Comm. Fish observe school at mouth   | Kubik (1970)           |
|                             | 1969 |      | 150     |         |      |      |      | Ground survey                      | Index area                           | Redick (1970)          |
|                             | 1969 |      | 50      |         |      |      |      |                                    | Excellent observation - all at mouth | Stewart & Flagg (1969) |
|                             | 1970 |      | 161     |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1970 | 7/27 | 260     |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1970 | 7/28 | 21      |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1970 |      | 261     |         |      |      |      | Ground survey                      | Index area                           | Redick (1971)          |
|                             | 1971 |      | 44      |         |      |      |      | Ground survey                      | Index area                           | Watsjold (1972)        |
|                             | 1971 | 8/03 | 20      |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1971 | 8/05 | 24      |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1972 |      | 317     |         |      |      |      | Ground survey                      | Index area                           | Watsjold (1973)        |
|                             | 1972 | 7/25 | 211     |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1972 | 7/26 | 106     |         |      |      |      |                                    |                                      | ADF&G (1982)           |
|                             | 1973 |      | 527     |         |      |      |      | Ground survey                      | Index area                           | Watsjold (1974)        |
|                             | 1974 | 7/24 | 280     |         |      |      |      | Ground survey                      |                                      | Watsjold (1975)        |
|                             | 1975 | 7/29 | 229     |         |      |      |      | Ground survey                      |                                      | Watsjold (1976)        |
|                             | 1976 | 7/26 | 1445    |         |      |      |      | Ground survey                      |                                      | Watsjold (1977)        |
|                             | 1977 |      | 1443    |         |      |      |      | Ground survey                      |                                      | Watsjold (1978)        |
|                             | 1978 |      | 881     |         |      |      |      | Ground survey - Poor               |                                      | Watsjold (1979)        |
|                             | 1979 |      | 1094    |         |      |      |      | Ground survey - Poor               |                                      | Watsjold (1980)        |
|                             | 1980 |      |         |         |      |      |      |                                    | No count - high, turbid water        | Bentz (1982)           |
|                             | 1981 | 7/30 | 814     |         |      |      |      | Aerial count, helicopter - Good    | Less than 10% mortality at this time | ADF&G (1983)           |
|                             | 1982 | 8/05 | 887     |         |      |      |      | Ground survey - Good               |                                      | ADF&G (1983a)          |
|                             | 1983 | 7/14 | 1641    |         |      |      |      | Ground survey - Excellent          |                                      | Barrett et al. (1984)  |
|                             | 1984 | 7/24 | 2309    |         |      |      |      | Ground survey - Fair               |                                      | Barrett et al. (1985)  |
|                             | 1984 | 7/27 | 1       | 0       | 0    | 0    | 0    | Ground survey - Fair/Good, TRM 0.0 |                                      | Barrett et al. (1985)  |
|                             | 1984 | 7/31 | 15      | 0       | 0    | 13   | 23   | Ground survey - Poor, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 8/07 | 3       | 0       | 7    | 20   | 96   | Ground survey - Fair, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 8/14 | 10      | 0       | 12   | 41   | 182  | Ground survey - Fair, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 8/21 | 2       | 0       | 9    | 24   | 37   | Ground survey - Fair, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 8/29 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 9/07 | 0       | 0       | 10   | 6    | 16   | Ground survey - Good, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 9/14 | 0       | 0       | 50   | 0    | 0    | Ground survey - Good, TRM 0.0      |                                      | Barrett et al. (1985)  |
|                             | 1984 | 9/23 | 0       | 0       | 7    | 2    | 0    | Ground survey - Good, TRM 0.0      |                                      | Barrett et al. (1985)  |

247-41-10200-2250-3050  
South Fork Montana Creek

247-41-10200-2250-3061  
Middle Fork Montana Creek

247-41-10200-2250-3061-4009

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS   | DATA SOURCE           |
|-----------------------------|------|------|---------|---------|------|------|------|--|--|-----------------------|
| North Fork Montana Creek    |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2254           |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2254-0010      |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2254-0020      |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2261           |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2291           |      |      |         |         |      |      |      |  |  |                       |
| Rabideux Creek              | Hist |      |         |         |      |      |      |  |  |                       |
|                             | 1962 | 6/27 | 0       |         |      |      |      | Aerial count                             | Chinook present                                  | Kubik (1964)          |
|                             | 1964 | 8/05 | 8       |         |      |      |      | Aerial count                             |  | Kubik (1965)          |
|                             | 1975 | 9/26 |         |         | 67   |      |      | Ground survey                            | Index area                                       | Watsjold (1976)       |
|                             | 1976 | 9/29 |         |         | 91   |      |      | Ground survey                            | Index area                                       | Watsjold (1977)       |
|                             | 1977 |      | 99      |         |      |      |      | Aerial count                             |  | Kubik & Wadman (1978) |
|                             | 1978 |      |         |         | 88   |      |      | Ground survey                            | Index area                                       | Watsjold (1979)       |
|                             | 1982 |      |         |         |      |      |      |  | chinook, coho, pink present                      | Kubik (pers. comm.)   |
|                             | 1984 | 9/26 | 0       | 1       | 21   | 0    | 0    | Aerial count, helicopter - Good, TRM 0.0 |  | Barrett et al. (1985) |
|                             | 1984 | 7/23 | 8       | 0       | 0    | 0    | 0    | Ground survey - Good, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 7/29 | 0       | 7       | 0    | 13   | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 8/02 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 8/10 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 8/17 | 0       | 0       | 0    | 0    | 35   | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 8/24 | 0       | 0       | 0    | 0    | 1    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 9/01 | 0       | 0       | 1    | 2    | 1    | Ground survey - Poor, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 9/10 | 0       | 0       | 1    | 2    | 0    | Ground survey - Good, TRM 0.0            |  | Barrett et al. (1985) |
|                             | 1984 | 9/17 | 0       | 0       | 0    | 1    | 2    | Ground survey - Fair, TRM 0.0            |  | Barrett et al. (1985) |
| 247-41-10200-2291-3011      |      |      |         |         |      |      |      |  |  |                       |
| Bueer Creek                 |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2291-3011-4030 |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2291-3041      |      |      |         |         |      |      |      |  |  |                       |
| Sawmill Creek               |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2291-3049      |      |      |         |         |      |      |      |  |  |                       |
| 247-41-10200-2300           |      |      |         |         |      |      |      |  |  |                       |
| Sunshine Creek              | Hist |      |         |         |      |      |      |  |  |                       |
|                             | 1958 | 6/10 | 0       |         |      |      |      |  | Max. count 25 chinook (1963); 1,000 pinks (1962) |                       |
|                             |      |      |         |         |      |      |      |  | Suspected aerial count                           | Kubik (1964)          |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME                  | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS | DATA SOURCE           |
|--|------|------|---------|---------|------|------|------|--|----------|-----------------------|
|  | 1961 | 7/25 | 0       |         |      |      |      | Aerial count                             |          | Kubik (1964)          |
|  | 1962 | 6/27 | 20      |         |      |      |      | Aerial count                             |          | Kubik (1963)          |
|  | 1963 | 7/07 | 25      |         |      |      |      | Aerial count                             |          | Kubik (1964)          |
|  | 1984 | 9/26 | 0       | 0       | 3    | 12   | 0    | Aerial count, helicopter - Good, TRM 0.0 |          | Barrett et al. (1985) |
|  | 1984 | 7/29 | 0       | 0       | 0    | 4    | 1611 | Ground survey - Fair, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 8/03 | 1       | 42      | 2    | 37   | 321  | Ground survey - Fair, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 8/10 | 0       | 0       | 16   | 0    | 766  | Ground survey - Fair, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 8/17 | 0       | 0       | 20   | 0    | 256  | Ground survey - Good, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 8/24 | 0       | 0       | 38   | 1    | 16   | Ground survey - Good, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 9/01 | 0       | 0       | 83   | 1    | 2    | Ground survey - Good, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 9/10 | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, TRM 0.0            |          | Barrett et al. (1985) |
|  | 1984 | 9/17 | 0       | 0       | 3    | 7    | 1    | Ground survey - Good, TRM 0.0            |          | Barrett et al. (1985) |
| 247-41-10200-2300-0010<br>Sunshine Lakes     |      |      |         |         |      |      |      |  |          |                       |
| 247-41-10200-2300-3011<br>Question Creek     | Hist |      |         |         |      |      |      |  |          |                       |
|  | 1958 | 7/15 | 0       |         |      |      |      |  |          |                       |
|  | 1961 | 7/25 | 0       |         |      |      |      | Aerial count                             |          | Kubik (1964)          |
|  | 1962 | 6/27 | 0       |         |      |      |      | Aerial count                             |          | Kubik (1964)          |
|  | 1963 | 7/07 | 0       |         |      |      |      | Aerial count                             |          | Kubik (1964)          |
|  | 1973 | 9/28 |         | 59      |      |      |      | Ground survey                            |          | Watsjold (1974)       |
|  | 1974 |      |         | 3       |      |      |      | Ground survey                            |          | Watsjold (1975)       |
|  | 1975 | 9/23 |         | 111     |      |      |      | Ground survey                            |          | Watsjold (1976)       |
|  | 1976 | 9/28 |         | 126     |      |      |      | Ground survey                            |          | Watsjold (1977)       |
|  | 1977 |      |         | 87      |      |      |      | Ground survey                            |          | Watsjold (1978)       |
|  | 1978 |      |         | 45      |      |      |      | Ground survey                            |          | Watsjold (1979)       |
|  | 1979 |      |         | 384     |      |      |      | Ground survey                            |          | Watsjold (1980)       |
|  | 1980 |      |         | 321     |      |      |      | Ground survey                            |          | Watsjold (1981)       |
|  | 1981 |      |         | 230     |      |      |      | Ground survey                            |          | Bentz (1982)          |
|  | 1982 |      |         | 397     |      |      |      | Ground survey                            |          | Bentz (1983)          |
|  | 1984 | 9/28 |         | 320     |      |      |      |  |          | Barrett et al. (1985) |
|  | 1984 | 9/29 |         | 26      |      |      |      | Ground survey - Excellent, TRM 0.0       |          | Barrett et al. (1985) |
| 247-41-10200-2300-3011-0010<br>Question Lake |      |      |         |         |      |      |      |  |          |                       |
| 247-41-10200-2300-3011-4016<br>Answer Creek  | 1958 | 7/15 | 0       |         |      |      |      |  |          |                       |
|  | 1982 |      |         |         | 24   |      |      |  |          | Kubik (1964)          |
|  | 1984 | 9/28 |         |         | 60   |      |      |  |          | ADF&G (1983b)         |
|  |      |      |         |         |      |      |      |  |          | Barrett et al. (1985) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD | COMMENTS | DATA SOURCE      |
|-----------------------------|------|-------|---------|---------|------|------|------|---------------|----------|------------------|
| 247-41-10200-2320           |      |       |         |         |      |      |      |               |          |                  |
| Birch Creek Slough          |      |       |         |         |      |      |      |               |          |                  |
| 247-41-10200-2320-3010      |      |       |         |         |      |      |      |               |          |                  |
| Birch Creek                 | Hist |       |         |         |      |      |      |               |          |                  |
|                             | 1961 | 6/27  | 80      |         |      |      |      | Aerial count  |          | Stefanich (1962) |
|                             | 1962 |       | 0       |         |      |      |      | Aerial count  |          | Kubik (1963)     |
|                             | 1963 | 7/07  | 6       |         |      |      |      | Aerial count  |          | Kubik (1964)     |
|                             | 1968 | 9/16  |         | 125     |      |      |      | Ground survey |          | Redick (1969a)   |
|                             | 1969 | 10/01 |         | 142     |      |      |      | Ground survey |          | Redick (1970)    |
|                             | 1970 | 9/17  |         | 201     |      |      |      |               |          | ADF&G (1982)     |
|                             | 1970 | 9/23  |         | 206     |      |      |      | Ground survey |          | Redick (1971)    |
|                             | 1971 | 9/27  |         | 138     |      |      |      | Ground survey |          | Watsjold (1972)  |
|                             | 1972 | 8/18  |         | 107     | 15   | 10   | 3051 |               |          | ADF&G (1982)     |
|                             | 1972 | 9/28  |         |         | 68   |      |      | Ground survey |          | Watsjold (1973)  |
|                             | 1973 | 8/31  |         | 16      |      |      |      | Boat survey   |          | Barrett (1973a)  |
|                             | 1973 | 9/07  |         | 1       |      |      |      | Boat survey   |          | Barrett (1973a)  |
|                             | 1973 | 9/16  |         | 5       |      |      |      | Boat survey   |          | Barrett (1973a)  |
|                             | 1973 | 9/26  |         |         | 106  |      |      | Ground survey |          | Watsjold (1974)  |
|                             | 1974 | 8/23  | 0       | 0       | 0    | 0    | 0    | Boat survey   |          | Barrett (1975a)  |
|                             | 1974 | 8/29  | 0       | 0       | 0    | 0    | 0    | Boat survey   |          | Barrett (1975a)  |
|                             | 1974 | 9/04  |         | 2       | 8    |      |      | Boat survey   |          | Barrett (1975a)  |
|                             | 1974 | 9/16  | 0       | 0       | 0    | 0    | 0    | Boat survey   |          | Barrett (1975a)  |
|                             | 1974 | 9/26  |         |         | 49   |      |      | Ground survey |          | Watsjold (1975)  |
|                             | 1975 | 8/21  |         | 55      |      |      | 2    |               |          | ADF&G (1982)     |
|                             | 1975 | 8/26  |         | 8       |      |      |      |               |          | ADF&G (1982)     |
|                             | 1975 | 8/29  |         | 11      | 10   |      |      |               |          | ADF&G (1982)     |
|                             | 1975 | 9/05  |         | 1       | 15   |      | 1    |               |          | ADF&G (1982)     |
|                             | 1975 | 9/23  | 0       | 0       | 0    | 0    | 0    |               |          | ADF&G (1982)     |
|                             | 1975 |       |         |         | 92   |      |      | Ground survey |          | Watsjold (1976)  |
|                             | 1976 | 8/24  |         | 49      |      |      | 19   |               |          | ADF&G (1982)     |
|                             | 1976 | 8/27  |         | 25      | 11   |      | 7    |               |          | ADF&G (1982)     |
|                             | 1976 |       |         |         | 40   |      |      |               |          | ADF&G (1982)     |
|                             | 1976 |       |         |         | 27   |      |      | Ground survey |          | Watsjold (1977)  |
|                             | 1977 |       |         |         | 96   |      |      | Ground survey |          | Watsjold (1978)  |
|                             | 1978 | 9/11  |         | 299     | 146  |      |      |               |          | ADF&G (1982)     |
|                             | 1978 |       |         |         | 103  |      |      | Ground survey |          | Watsjold (1979)  |
|                             | 1979 | 8/28  |         | 100     | 25   |      |      |               |          | ADF&G (1982)     |
|                             | 1979 |       |         |         | 120  |      |      | Ground survey |          | Watsjold (1980)  |
|                             | 1980 |       |         |         | 121  |      |      | Ground survey |          | Watsjold (1981)  |
|                             | 1981 | 8/25  |         | 150     | 10   | 10   |      |               |          | ADF&G (1982)     |
|                             | 1981 |       |         |         | 121  |      |      | Ground survey |          | Bentz (1982)     |
|                             | 1982 |       |         |         | 41   |      |      | Ground survey |          | Bentz (1983)     |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK  | SURVEY METHOD                      | COMMENTS          | DATA SOURCE              |
|-----------------------------|------|------|---------|---------|------|------|-------|------------------------------------|-------------------|--------------------------|
|                             | 1984 | 7/23 | 0       | 0       | 0    | 0    | 0     | Ground survey - Excellent, TRM 0.0 |                   | Barrett et al. (1985)    |
|                             | 1984 | 7/29 | 9       | 174     | 0    | 0    | 132   | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 8/02 | 9       | 50      | 0    | 0    | 115   | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 8/09 | 16      | 0       | 0    | 0    | 904   | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 8/16 | 9       | 0       | 0    | 0    | 551   | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 8/23 | 1       | 3       | 0    | 0    | 72    | Ground survey - Excellent, TRM 0.0 |                   | Barrett et al. (1985)    |
|                             | 1984 | 9/02 | 0       | 1       | 0    | 0    | 56    | Ground survey - Fair, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 9/09 | 0       | 0       | 0    | 0    | 62    | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 9/16 | 0       | 0       | 0    | 0    | 71    | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
|                             | 1984 | 9/25 | 0       | 0       | 0    | 0    | 4     | Ground survey - Good, TRM 0.0      |                   | Barrett et al. (1985)    |
| 247-41-10200-2320-3010-0010 |      |      |         |         |      |      |       |                                    |                   |                          |
| Fish Lake<br>(Birch Creek)  | Hist |      |         |         |      |      |       | Max. counts 500 sockeye (1953)     |                   |                          |
|                             | 1972 | 8/18 |         | 107     |      |      |       | Boat survey                        |                   | Barrett (1973a)          |
|                             | 1973 | 8/21 |         | 251     |      |      |       | Boat survey                        |                   | Barrett (1973a)          |
|                             | 1973 | 8/31 |         | 205     |      |      |       | Boat survey                        |                   | Barrett (1973a)          |
|                             | 1973 | 9/07 |         | 158     |      |      |       | Boat survey                        |                   | Barrett (1973a)          |
|                             | 1973 | 9/16 |         | 158     |      |      |       | Boat survey                        |                   | Barrett (1973a)          |
|                             | 1974 | 8/23 |         | 43      |      |      |       | Boat survey                        |                   | Barrett (1975a)          |
|                             | 1974 | 8/29 |         | 95      |      |      |       | Boat survey                        |                   | Barrett (1975a)          |
|                             | 1974 | 9/04 |         | 67      |      |      |       | Boat survey                        |                   | Barrett (1975a)          |
|                             | 1974 | 9/16 |         | 67      |      |      |       | Boat survey                        |                   | Barrett (1975a)          |
|                             | 1975 | 8/21 |         | 70      |      |      |       |                                    |                   | ADF&G (1982)             |
|                             | 1975 | 8/26 |         | 93      |      |      |       |                                    |                   | ADF&G (1982)             |
|                             | 1975 | 8/29 |         | 113     |      |      |       |                                    |                   | ADF&G (1982)             |
|                             | 1975 | 9/05 |         | 132     |      |      |       |                                    |                   | ADF&G (1982)             |
|                             | 1975 | 9/23 |         | 46      |      |      |       |                                    |                   | ADF&G (1982)             |
|                             | 1975 |      |         | 187     |      |      |       | Boat survey                        | Peak survey count | Friese (1976a)           |
|                             | 1976 | 8/24 |         | 82      | 17   |      | 48    | Boat survey                        |                   | Friese (1976b)           |
|                             | 1976 | 8/27 |         | 25      | 11   |      | 26    |                                    |                   | ADF&G (1982)             |
|                             | 1976 | 9/03 |         | 47      |      |      | 7     |                                    |                   | ADF&G (1982)             |
|                             | 1976 | 9/07 |         | 23      |      |      | 14    |                                    |                   | ADF&G (1982)             |
|                             | 1977 |      |         | 611     |      |      |       |                                    | Peak survey count | Naetvedt et al. (1982)   |
|                             | 1978 | 8/22 |         | 79      |      |      | 42    |                                    |                   | ADF&G (1982)             |
|                             | 1978 | 9/25 |         | 242     | 28   |      |       |                                    |                   | ADF&G (1982)             |
|                             | 1978 |      |         | 299     |      |      |       | Peak survey count                  |                   | Waltemyer et al. (1980)  |
|                             | 1979 |      |         | 100     |      |      |       |                                    |                   | Tarbox & Sanders (1980)  |
|                             | 1980 | 8/18 |         | 2100    |      |      |       |                                    |                   | Tarbox & Sanders (1980)  |
|                             | 1981 |      |         | 176     |      |      |       |                                    |                   | Tarbox et al. (1983)     |
|                             | 1982 |      |         | 280     |      |      |       |                                    |                   | ADF&G (1985c)-SUSONE.TAR |
|                             | 1984 | 8/08 |         | 26      |      |      | 10055 |                                    |                   | ADF&G (1985c)-SUSONE.TAR |
|                             | 1984 | 8/15 |         | 190     |      |      | 20020 |                                    |                   | ADF&G (1985c) SUSONE.TAR |

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Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                           | COMMENTS        | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|-----------------|-----------------------|
| <b>247-41-10200-2341</b>    |      |       |         |         |      |      |      |   |                 |                       |
| Trapper Creek               | 1984 | 7/23  | 15      | 0       | 0    | 0    | 0    | Ground survey - Excellent, TRM 0.0      |                 | Barrett et al. (1985) |
|                             | 1984 | 7/28  | 2       | 45      | 0    | 5    | 234  | Ground survey - Fair, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/01  | 0       | 0       | 0    | 0    | 70   | Ground survey - Fair, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/08  | 1       | 0       | 2    | 46   | 224  | Ground survey - Fair, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/15  | 2       | 0       | 4    | 41   | 313  | Ground survey - Fair, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/22  | 0       | 2       | 8    | 21   | 19   | Ground survey - Poor, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/30  | 0       | 0       | 0    | 3    | 0    | Ground survey - Poor, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 8    | 11   | 14   | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 21   | 14   | 7    | Ground survey - Excellent, TRM 0.0      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 3    | 13   | 2    | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
| <b>247-41-10200-2355 *</b>  |      |       |         |         |      |      |      |   |                 |                       |
| Cache Creek *               | 1984 | 7/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, TRM 0.0      | Note - TALK B-1 | Barrett et al. (1985) |
|                             | 1984 | 7/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/15  | 0       | 12      | 0    | 28   | 17   | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/22  | 0       | 0       | 0    | 3    | 14   | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/30  | 0       | 0       | 3    | 1    | 13   | Ground survey - Poor, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 6    | 17   | 11   | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 13   | 37   | 0    | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 1    | 22   | 0    | Ground survey - Good, TRM 0.0           |                 | Barrett et al. (1985) |
| <b>247-41-10200-2391</b>    |      |       |         |         |      |      |      |   |                 |                       |
| Whiskers Creek              | 1974 | 8/30  |         |         | 27   |      |      | Ground, boat and aerial counts combined | Peak count      | Barrett (1974)        |
|                             | 1975 | 8/04  | 22      |         |      |      |      |   |                 | Friese (1975)         |
|                             | 1981 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1981 | 8/11  | 0       | 0       | 8    | 0    | 0    | Ground survey - Poor, 0.25 mi.          |                 | ADF&G (1981)          |
|                             | 1981 | 8/21  | 0       | 0       | 43   | 0    | 0    | Ground survey - Fair, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1981 | 8/29  | 0       | 0       | 50   | 0    | 0    | Ground survey - Good, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1981 | 9/06  | 0       | 0       | 70   | 0    | 0    | Ground survey - Good, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1981 | 9/17  | 0       | 0       | 9    | 1    | 1    | Ground survey - Fair, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1981 | 9/24  | 0       | 0       | 18   | 0    | 1    | Ground survey - Good, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1981 | 10/02 | 0       | 0       | 11   | 0    | 0    | Ground survey - Good, 0.5 mi.           |                 | ADF&G (1981)          |
|                             | 1982 | 8/08  | 0       | 0       | 5    | 0    | 73   | Ground survey - Excellent, 0.5 mi.      |                 | ADF&G (1983b)         |
|                             | 1982 | 8/13  | 0       | 0       | 39   | 0    | 27   | Ground survey - Excellent, 0.5 mi.      |                 | ADF&G (1983b)         |
|                             | 1982 | 8/18  | 0       | 0       | 82   | 0    | 47   | Ground survey - Poor, 0.25 mi.          |                 | ADF&G (1983b)         |
|                             | 1982 | 8/23  | 0       | 0       | 176  | 0    | 138  | Ground survey - Excellent, 0.25 mi.     |                 | ADF&G (1983b)         |
|                             | 1982 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.5 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 9/24  | 0       | 0       | 39   | 0    | 0    | Ground survey - Good, 10.0 mi.          |                 | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.8 mi.           |                 | ADF&G (1983b)         |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                             | 1983 | 7/15  | 3       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 7/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/04  | 3       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 8/12  | 0       | 0       | 4    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 8/26  | 0       | 0       | 5    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 9/05  | 0       | 0       | 55   | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/09  | 0       | 0       | 50   | 0    | 0    | Ground survey - Fair, 0.25 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 9/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 9/19  | 0       | 0       | 32   | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/24  | 0       | 0       | 115  | 0    | 0    | Aerial count, helicopter - Excellent, 8.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 8.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 6    | 0    | 0    | Aerial count, helicopter - Good, 8.0 mi.      |          | Barrett et al. (1984) |
|                             | 1984 | 7/22  | 67      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 8.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/01  | 0       | 0       | 90   | 0    | 0    | Aerial count, helicopter - Good, 8.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 301  | 0    | 0    | Aerial count, helicopter - Good, 8.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 33   | 0    | 0    | Aerial count, helicopter - Fair, 8.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/22  | 0       | 0       | 217  | 0    | 0    | Aerial count, helicopter - Excellent, 8.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 273  | 0    | 0    | Aerial count, helicopter - Good, 8.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/13 | 0       | 0       | 46   | 0    | 0    | Aerial count, helicopter - Excellent, 8.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 10/16 | 0       | 0       | 132  | 0    | 0    | Aerial count, helicopter - Good, 8.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 7/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 7/22  | 40      | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 7/27  | 1       | 0       | 0    | 0    | 41   | Ground survey - Fair, 0.5 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/02  | 1       | 0       | 0    | 0    | 67   | Ground survey - Fair, 0.5 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/09  | 0       | 0       | 6    | 0    | 174  | Ground survey - Fair, 0.5 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/15  | 0       | 0       | 10   | 0    | 293  | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 8/26  | 0       | 0       | 0    | 0    | 10   | Ground survey - Poor, 0.5 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/06  | 0       | 0       | 45   | 0    | 16   | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 9/17  | 0       | 0       | 117  | 0    | 0    | Ground survey - Good, 0.5 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 18   | 0    | 0    | Ground survey - Good, 0.5 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/30  | 0       | 0       | 22   | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 10/07 | 0       | 0       | 38   | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |

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| CHASE CREEK * | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | Note - TALK B-1                         |            |                |
|---------------|------|-----------|---------|---------|------|------|------|---|------------|----------------|
|               |      |           |         |         |      |      |      | Ground, boat and aerial counts combined | Peak count | Barrett (1974) |
| Chase Creek * | 1974 | 8/16&8/21 |         | 1       |      |      |      | Ground, boat and aerial counts combined | Peak count | Barrett (1974) |
|               | 1974 | 9/01      |         |         | 40   |      |      | Ground, boat and aerial counts combined | Peak count | Barrett (1974) |
|               | 1981 | 8/04      | 0       | 0       | 0    | 0    | 5    | Ground survey - Good, 0.75 mi.          |            | ADF&G (1981)   |
|               | 1981 | 8/11      | 0       | 0       | 23   | 1    | 38   | Ground survey - Good, 0.75 mi.          |            | ADF&G (1981)   |
|               | 1981 | 8/17      | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.75 mi.          |            | ADF&G (1981)   |
|               | 1981 | 8/23      | 0       | 0       | 13   | 0    | 0    | Ground survey - Excellent, 0.75 mi.     |            | ADF&G (1981)   |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                             | 1981 | 8/29  | 0       | 0       | 49   | 0    | 0    | Ground survey - Good, 0.75 mi.                |          | ADF&G (1981)          |
|                             | 1981 | 9/07  | 0       | 0       | 80   | 1    | 0    | Ground survey - Excellent, 0.75 mi.           |          | ADF&G (1981)          |
|                             | 1981 | 9/14  | 0       | 0       | 62   | 1    | 0    | Ground survey - Good, 0.75 mi.                |          | ADF&G (1981)          |
|                             | 1981 | 9/24  | 0       | 0       | 34   | 0    | 0    | Ground survey - Good, 0.75 mi.                |          | ADF&G (1981)          |
|                             | 1981 | 10/02 | 0       | 0       | 21   | 0    | 0    | Ground survey - Good, 0.75 mi.                |          | ADF&G (1981)          |
|                             | 1982 | 8/08  | 0       | 0       | 0    | 0    | 4    | Ground survey - Excellent, 0.75 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 8/11  | 15      | 0       | 0    | 0    | 96   | Ground survey - Good, 1.0 mi.                 |          | ADF&G (1983b)         |
|                             | 1982 | 8/20  | 2       | 0       | 0    | 0    | 107  | Ground survey - Excellent, 1.0 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 8/28  | 2       | 0       | 0    | 0    | 62   | Ground survey - Excellent, 1.0 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 9/06  | 0       | 0       | 0    | 0    | 4    | Ground survey - Good, 0.25 mi.                |          | ADF&G (1983b)         |
|                             | 1982 | 9/17  | 0       | 0       | 1    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | ADF&G (1983b)         |
|                             | 1982 | 9/21  | 0       | 0       | 3    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 9/27  | 0       | 0       | 36   | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.5 mi.                 |          | ADF&G (1983b)         |
|                             | 1983 | 7/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 7/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 1.0 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/12  | 0       | 0       | 0    | 0    | 6    | Ground survey - Good, 0.75 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/24  | 0       | 0       | 12   | 0    | 0    | Aerial count, helicopter - Excellent, 1.2 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 6    | 0    | 0    | Aerial count, helicopter - Good, 1.2 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 1    | 0    | 0    | Aerial count, helicopter - Excellent, 1.2 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 1    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1984) |
|                             | 1984 | 9/01  | 0       | 0       | 120  | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 95   | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 70   | 0    | 0    | Aerial count, helicopter - Poor, 2.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/22  | 0       | 0       | 43   | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 74   | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/06 | 0       | 0       | 34   | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/13 | 0       | 0       | 26   | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 7/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 7/27  | 0       | 0       | 0    | 0    | 41   | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 8/02  | 1       | 0       | 0    | 0    | 49   | Ground survey - Fair, 0.75 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/09  | 2       | 0       | 2    | 0    | 68   | Ground survey - Good, 0.75 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/16  | 3       | 0       | 8    | 1    | 438  | Ground survey - Good, 0.75 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/28  | 0       | 0       | 239  | 0    | 140  | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/04  | 0       | 0       | 202  | 0    | 116  | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/17  | 0       | 0       | 85   | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 44   | 0    | 0    | Ground survey - Good, 0.75 mi.                |          | Barrett et al. (1985) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                       | COMMENTS | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|-------------------------------------|----------|-----------------------|
| 247-41-10200-2426 *         | 1984 | 9/30  | 0       | 0       | 42   | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | Barrett et al. (1985) |
| Slash Creek *               | 1984 | 10/07 | 0       | 0       | 32   | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 10/14 | 0       | 0       | 10   | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | Barrett et al. (1985) |
| 247-41-10200-2426 *         |      |       |         |         |      |      |      | Note - TALK R-1                     |          |                       |
| Slash Creek *               | 1982 | 9/21  | 0       | 0       | 6    | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.1 mi.       |          | ADF&G (1983b)         |
| 247-41-10200-2426 *         | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
| Slash Creek *               | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 10/02 | 0       | 0       | 2    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
| 247-41-10200-2426 *         | 1984 | 7/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1985) |
| Slash Creek *               | 1984 | 7/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.25 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 8/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 8/27  | 0       | 0       | 0    | 0    | 3    | Ground survey - Fair, 0.25 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/30  | 0       | 0       | 5    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 10/07 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | Barrett et al. (1985) |
| 247-41-10200-2435           |      |       |         |         |      |      |      | Note - TALK C-1                     |          |                       |
| Gash Creek *                | 1981 | 9/23  | 0       | 0       | 141  | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | ADF&G (1981)          |
|                             | 1981 | 9/28  | 0       | 0       | 117  | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | ADF&G (1981)          |
| 247-41-10200-2435           | 1982 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | ADF&G (1983b)         |
| Gash Creek *                | 1982 | 8/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | ADF&G (1983b)         |
|                             | 1982 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | ADF&G (1983b)         |
|                             | 1982 | 9/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |          | ADF&G (1983b)         |
|                             | 1982 | 9/23  | 0       | 0       | 74   | 0    | 0    | Ground survey - Excellent, 1.0 mi.  |          | ADF&G (1983b)         |
|                             | 1982 | 9/27  | 0       | 0       | 67   | 0    | 0    | Ground survey - Excellent, 1.0 mi.  |          | ADF&G (1983b)         |
|                             | 1982 | 10/02 | 0       | 0       | 22   | 0    | 0    | Ground survey - Excellent, 1.0 mi.  |          | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.      |          | ADF&G (1983b)         |
| 247-41-10200-2435           | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | Barrett et al. (1984) |
| Gash Creek *                | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi. |          | Barrett et al. (1984) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME            | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS                 | DATA SOURCE           |
|--|------|-------|---------|---------|------|------|------|--|--------------------------|-----------------------|
|  | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1983 | 9/19  | 0       | 0       | 19   | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1983 | 10/02 | 0       | 0       | 16   | 0    | 0    | Ground survey - Excellent, 0.75 mi.      |                          | Barrett et al. (1984) |
|  | 1984 | 9/01  | 0       | 0       | 14   | 0    | 0    | Aerial count, helicopter - Good, 3.0 mi. |                          | Barrett et al. (1985) |
|  | 1984 | 7/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
|  | 1984 | 7/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 3.0 mi.            |                          | Barrett et al. (1985) |
|  | 1984 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
|  | 1984 | 8/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
|  | 1984 | 8/21  | 0       | 0       | 0    | 0    | 6    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
|  | 1984 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 3.0 mi.            |                          | Barrett et al. (1985) |
|  | 1984 | 9/05  | 0       | 0       | 20   | 0    | 0    | Ground survey - Good, 3.0 mi.            |                          | Barrett et al. (1985) |
|  | 1984 | 9/16  | 0       | 0       | 61   | 0    | 0    | Ground survey - Good, 3.0 mi.            |                          | Barrett et al. (1985) |
|  | 1984 | 9/24  | 0       | 0       | 234  | 0    | 0    | Ground survey - Good, 3.0 mi.            |                          | Barrett et al. (1985) |
|  | 1984 | 9/30  | 0       | 0       | 192  | 0    | 0    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
|  | 1984 | 10/07 | 0       | 0       | 127  | 0    | 0    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
|  | 1984 | 10/14 | 0       | 0       | 71   | 0    | 0    | Ground survey - Excellent, 3.0 mi.       |                          | Barrett et al. (1985) |
| A67<br>247-41-10200-2440<br>Lane Creek | Hist |       |         |         |      |      |      | Chinook present                          |                          |                       |
|  | 1958 | 7/17  | 5       |         |      |      |      | Suspected aerial count                   |                          |                       |
|  | 1961 | 6/27  | 0       |         |      |      |      |  | Kubik (1964)             |                       |
|  | 1962 | 7/19  | 0       |         |      |      |      |  | Kubik (1964)             |                       |
|  | 1974 | 8/09  |         |         |      |      |      |  | Kubik (1964)             |                       |
|  | 1975 | 8/17  |         |         |      |      |      |  | Barrett (1974)           |                       |
|  | 1975 | 8/17  |         |         |      |      |      |  | Friese (1975)            |                       |
|  | 1981 | 7/27  | 22      |         |      |      |      |  | ADF&G (1985c)-SUSONE.TAB |                       |
|  | 1981 | 7/28  | 40      |         |      |      |      |  | ADF&G (1981)             |                       |
|  | 1981 | 8/19  | 0       | 0       | 0    | 9    | 53   | Aerial count, helicopter - Fair          |                          | ADF&G (1981)          |
|  | 1981 | 8/23  | 0       | 0       | 0    | 76   | 291  | Aerial count, helicopter - Good          |                          | ADF&G (1981)          |
|  | 1981 | 8/29  | 0       | 0       | 0    | 17   | 43   | Ground survey - Excellent, 1.0 mi.       |                          | ADF&G (1981)          |
|  | 1981 | 9/05  | 0       | 0       | 0    | 44   | 0    | Ground survey - Excellent, 0.5 mi.       |                          | ADF&G (1981)          |
|  | 1981 | 9/13  | 0       | 0       | 0    | 24   | 6    | Ground survey - Excellent, 0.5 mi.       |                          | ADF&G (1981)          |
|  | 1981 | 9/21  | 0       | 0       | 3    | 1    | 1    | Ground survey - Excellent, 0.5 mi.       |                          | ADF&G (1981)          |
|  | 1981 | 9/28  | 0       | 0       | 1    | 0    | 0    | Ground survey - Excellent, 0.5 mi.       |                          | ADF&G (1981)          |
|  | 1982 | 7/12  | 47      | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.7 mi.       |                          | ADF&G (1983b)         |
|  | 1982 | 7/28  | 41      | 0       | 0    | 0    | 0    | Ground survey - Fair, 2.5 mi.            |                          | ADF&G (1983b)         |
|  | 1982 | 8/02  | 1       | 0       | 0    | 1    | 0    | Ground survey - Fair, 0.25 mi.           |                          | ADF&G (1983b)         |
|  | 1982 | 8/07  | 1       | 0       | 0    | 1    | 504  | Ground survey - Excellent, 0.5 mi.       |                          | ADF&G (1983b)         |
|  | 1982 | 8/13  | 0       | 0       | 1    | 1    | 640  | Ground survey - Excellent, 0.5 mi.       |                          | ADF&G (1983b)         |

Appendix Table 1-1 (Continued).

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| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                             | 1982 | 8/19  | 0       | 0       | 0    | 4    | 577  | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 8/25  | 0       | 0       | 0    | 11   | 576  | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 8/31  | 0       | 0       | 0    | 11   | 78   | Ground survey - Good, 0.5 mi.                 |          | ADF&G (1983b)         |
|                             | 1982 | 9/06  | 0       | 0       | 1    | 5    | 0    | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 9/14  | 0       | 0       | 5    | 1    | 0    | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 9/21  | 0       | 0       | 1    | 0    | 0    | Ground survey - Fair, 0.5 mi.                 |          | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1983 | 7/12  | 6       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 1.5 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 7/21  | 6       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 1.5 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 7/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/02  | 12      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.5 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/05  | 6       | 0       | 0    | 0    | 5    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/15  | 0       | 0       | 0    | 6    | 28   | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/22  | 0       | 0       | 0    | 3    | 28   | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/29  | 0       | 0       | 0    | 1    | 14   | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/19  | 0       | 0       | 2    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/24  | 0       | 0       | 1    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. |          | Barrett et al. (1984) |
|                             | 1984 | 7/22  | 23      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 5.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 7/23  | 4       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 5.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 24   | 0    | 0    | Aerial count, helicopter - Good, 5.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/06 | 0       | 0       | 17   | 0    | 0    | Aerial count, helicopter - Good, 5.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 7/30  | 6       | 0       | 0    | 6    | 35   | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/07  | 1       | 0       | 0    | 25   | 686  | Ground survey - Fair, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/14  | 0       | 0       | 0    | 16   | 1184 | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/21  | 0       | 0       | 3    | 31   | 829  | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 9/05  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/16  | 0       | 0       | 1    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 2    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 9/30  | 0       | 0       | 2    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 10/05 | 0       | 0       | 8    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
| 247-41-10200-2441 *         |      |       |         |         |      |      |      | Note - TALK C-1                               |          |                       |
| Clyde Creek *               | 1984 | 8/07  | 0       | 0       | 8    | 0    | 4    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/14  | 0       | 0       | 8    | 0    | 10   | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 8/21  | 0       | 0       | 8    | 0    | 34   | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 8/27  | 0       | 0       | 8    | 0    | 5    | Ground survey - Fair, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 9/05  | 0       | 0       | 8    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 9/16  | 0       | 0       | 8    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS        | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|-----------------|-----------------------|
|                             | 1984 | 9/24  | 0       | 0       | 8    | 0    | 0    | Ground survey - Good, 0.25 mi.                |                 | Barrett et al. (1985) |
|                             | 1984 | 9/30  | 0       | 0       | 8    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |                 | Barrett et al. (1985) |
| 247-41-10200-2443 *         |      |       |         |         |      |      |      |   | Note - TALK C-1 |                       |
| Maggot Creek *              | 1984 | 8/07  | 0       | 0       | 0    | 0    | 107  | Ground survey - Good, 0.25 mi.                |                 | Barrett et al. (1985) |
|                             | 1984 | 8/14  | 0       | 0       | 0    | 0    | 68   | Ground survey - Excellent, 0.25 mi.           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/21  | 0       | 0       | 0    | 0    | 48   | Ground survey - Excellent, 0.25 mi.           |                 | Barrett et al. (1985) |
|                             | 1984 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |                 | Barrett et al. (1985) |
|                             | 1984 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                |                 | Barrett et al. (1985) |
|                             | 1984 | 9/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                |                 | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                |                 | Barrett et al. (1985) |
| 247-41-10200-2444           |      |       |         |         |      |      |      |   | Note - TALK C-1 |                       |
| Lower McKenzie Creek *      | 1981 | 8/23  | 0       | 1       | 56   | 14   | 0    | Ground survey - Excellent, 0.5 mi.            |                 | ADF&G (1981)          |
|                             | 1981 | 8/29  | 0       | 0       | 0    | 12   | 0    | Ground survey - Excellent, 0.5 mi.            |                 | ADF&G (1981)          |
|                             | 1981 | 9/05  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 0.5 mi.            |                 | ADF&G (1981)          |
|                             | 1981 | 9/13  | 0       | 0       | 6    | 1    | 0    | Ground survey - Excellent, 0.5 mi.            |                 | ADF&G (1981)          |
|                             | 1981 | 9/21  | 0       | 0       | 2    | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |                 | ADF&G (1981)          |
|                             | 1981 | 9/28  | 0       | 0       | 2    | 1    | 0    | Ground survey - Excellent, 0.5 mi.            |                 | ADF&G (1981)          |
|                             | 1982 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 8/19  | 0       | 0       | 0    | 0    | 23   | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 8/25  | 0       | 0       | 0    | 0    | 6    | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1982 | 9/14  | 0       | 0       | 133  | 0    | 0    | Ground survey - Excellent, 1.5 mi.            |                 | ADF&G (1983b)         |
|                             | 1982 | 9/21  | 0       | 0       | 103  | 0    | 0    | Ground survey - Good, 1.5 mi.                 |                 | ADF&G (1983b)         |
|                             | 1982 | 9/27  | 0       | 0       | 90   | 0    | 0    | Ground survey - Excellent, 1.0 mi.            |                 | ADF&G (1983b)         |
|                             | 1982 | 10/02 | 0       | 0       | 34   | 0    | 0    | Ground survey - Excellent, 1.0 mi.            |                 | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |                 | ADF&G (1983b)         |
|                             | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 8/15  | 0       | 0       | 0    | 1    | 17   | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 8/22  | 0       | 0       | 0    | 1    | 5    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 8/29  | 0       | 0       | 0    | 0    | 1    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 9/19  | 0       | 0       | 4    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 9/24  | 0       | 0       | 5    | 0    | 0    | Ground survey - Fair, 3.0 mi.                 |                 | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 18   | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 4    | 0    | 0    | Ground survey - Excellent, 0.75 mi.           |                 | Barrett et al. (1984) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME         | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                            | COMMENTS               | DATA SOURCE           |
|-------------------------------------|------|-------|---------|---------|------|------|------|--|------------------------|-----------------------|
|                                     | 1984 | 9/29  | 0       | 0       | 3    | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi. |                        | Barrett et al. (1985) |
|                                     | 1984 | 7/30  | 0       | 0       | 0    | 0    | 585  | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/07  | 0       | 0       | 0    | 0    | 226  | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/14  | 0       | 0       | 0    | 0    | 115  | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/21  | 0       | 0       | 0    | 0    | 71   | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/27  | 0       | 0       | 24   | 23   | 4    | Ground survey - Fair, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 9/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 9/24  | 0       | 0       | 9    | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 9/30  | 0       | 0       | 10   | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 10/05 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1985) |
| 247-41-10200-2450<br>McKenzie Creek | 1961 | 6/27  | 0       |         |      |      |      |  | Suspected aerial count | Kubik (1964)          |
|                                     | 1962 | 7/19  | 0       |         |      |      |      |  | Suspected aerial count | Kubik (1964)          |
|                                     | 1975 | 9/27  |         | 45      |      |      |      |  |                        | Friese (1975)         |
|                                     | 1981 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.       |                        | ADF&G (1981)          |
|                                     | 1981 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.       |                        | ADF&G (1981)          |
|                                     | 1982 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 8/19  | 0       | 0       | 0    | 0    | 17   | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 8/25  | 0       | 0       | 0    | 0    | 7    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 9/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | ADF&G (1983b)         |
|                                     | 1982 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | ADF&G (1983b)         |
|                                     | 1982 | 10/02 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | ADF&G (1983b)         |
|                                     | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.1 mi.            |                        | ADF&G (1983b)         |
|                                     | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1984) |
|                                     | 1984 | 7/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/07  | 0       | 0       | 0    | 0    | 11   | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/14  | 0       | 0       | 0    | 0    | 7    | Ground survey - Good, 0.25 mi.           |                        | Barrett et al. (1985) |
|                                     | 1984 | 8/21  | 0       | 0       | 0    | 0    | 5    | Ground survey - Excellent, 0.25 mi.      |                        | Barrett et al. (1985) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                       | COMMENTS        | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|-------------------------------------|-----------------|-----------------------|
|                             | 1984 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.      |                 | Barrett et al. (1985) |
| 247-41-10200-2454 *         |      |       |         |         |      |      |      |                                     | Note - TALK C-1 |                       |
| Little Portage Creek *      | 1982 | 8/07  | 0       | 0       | 0    | 0    | 40   | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 8/13  | 0       | 0       | 0    | 0    | 140  | Ground survey - Excellent, 0.5 mi.  |                 | ADF&G (1983b)         |
|                             | 1982 | 8/19  | 0       | 0       | 0    | 0    | 74   | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 8/25  | 0       | 0       | 0    | 31   | 61   | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 8/31  | 0       | 0       | 0    | 5    | 9    | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 9/06  | 0       | 0       | 0    | 25   | 0    | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 9/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 9/21  | 0       | 0       | 6    | 0    | 0    | Ground survey - Good, 0.25 mi.      |                 | ADF&G (1983b)         |
|                             | 1982 | 9/27  | 0       | 0       | 8    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 10/02 | 0       | 0       | 8    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.1 mi.       |                 | ADF&G (1983b)         |
|                             | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 8/22  | 0       | 0       | 0    | 0    | 7    | Ground survey - Fair, 0.25 mi.      |                 | Barrett et al. (1984) |
|                             | 1983 | 8/29  | 0       | 0       | 0    | 0    | 3    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |
|                             | 1984 | 7/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1985) |
|                             | 1984 | 7/30  | 0       | 0       | 0    | 0    | 1    | Ground survey - Poor, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 8/07  | 0       | 0       | 0    | 0    | 8    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1985) |
|                             | 1984 | 8/13  | 0       | 0       | 0    | 2    | 157  | Ground survey - Poor, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 8/20  | 0       | 0       | 0    | 18   | 162  | Ground survey - Good, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 8/27  | 0       | 0       | 0    | 0    | 26   | Ground survey - Poor, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/05  | 0       | 0       | 0    | 8    | 0    | Ground survey - Good, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/16  | 0       | 0       | 0    | 2    | 0    | Ground survey - Good, 0.25 mi.      |                 | Barrett et al. (1985) |
|                             | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1985) |
| 247-41-10200-2462 *         |      |       |         |         |      |      |      |                                     | Note - TALK C-1 |                       |
| Deadhorse Creek *           | 1962 | 7/19  | 0       |         |      |      |      | Aerial count                        |                 | Kubik (1964)          |
|                             | 1981 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.  | RM 120.9        | ADF&G (1981)          |
|                             | 1981 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.  |                 | ADF&G (1981)          |
|                             | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi. |                 | Barrett et al. (1984) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                  | COMMENTS | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                             | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1984 | 8/06  | 0       | 0       | 0    | 0    | 41   | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/13  | 0       | 0       | 0    | 0    | 337  | Ground survey - Excellent, 1.5 mi.             |          | Barrett et al. (1985) |
|                             | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
| 247-41-10200-2470           |      |       |         |         |      |      |      |  |          |                       |
| 247-41-10200-2473           |      |       |         |         |      |      |      |  |          |                       |
| Fifth of July Creek *       | 1981 | 8/11  | 0       | 0       | 0    | 0    | 2    | Ground survey - Excellent, 0.5 mi.             |          | ADFG (1981)           |
| A72                         |      |       |         |         |      |      |      |  |          |                       |
|                             | 1982 | 8/06  | 3       | 0       | 0    | 1    | 17   | Ground survey - Excellent, 0.5 mi.             |          | ADFG (1983b)          |
|                             | 1982 | 8/12  | 0       | 0       | 0    | 0    | 61   | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                             | 1982 | 8/19  | 0       | 0       | 0    | 0    | 113  | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                             | 1982 | 8/25  | 0       | 0       | 0    | 0    | 29   | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                             | 1982 | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1983b)          |
|                             | 1982 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                             | 1982 | 9/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1983b)          |
|                             | 1982 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1983b)          |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.2 mi.                  |          | ADFG (1983b)          |
|                             | 1983 | 7/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/05  | 0       | 0       | 0    | 6    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/13  | 0       | 0       | 0    | 0    | 9    | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1984) |
|                             | 1983 | 8/20  | 0       | 0       | 0    | 0    | 6    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/27  | 0       | 0       | 0    | 0    | 3    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1984) |
|                             | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                             | 1984 | 7/22  | 10      | 6       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.5 mi.       |          | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | Sockeye | Coho | Chum | Pink | Survey Method                                 | Comments | Data Source           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                             | 1984 | 7/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 7/23  | 17      | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 7/30  | 5       | 0       | 0    | 0    | 4    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/06  | 0       | 0       | 0    | 2    | 171  | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 8/13  | 0       | 0       | 0    | 1    | 411  | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/20  | 0       | 0       | 0    | 1    | 222  | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 10/05 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
| 247-41-10200-2474           |      |       |         |         |      |      |      |   |          |                       |
| Skull Creek *               | 1981 | 8/11  | 0       | 0       | 0    | 10   | 0    | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1981)          |
|                             | 1981 | 8/19  | 0       | 0       | 0    | 0    | 6    | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1981)          |
|                             | 1981 | 8/20  | 0       | 0       | 0    | 0    | 8    | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1981)          |
|                             | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 8/12  | 0       | 0       | 0    | 0    | 12   | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 8/17  | 0       | 0       | 0    | 0    | 12   | Ground survey - Excellent, 0.5 mi.            |          | ADF&G (1983b)         |
|                             | 1982 | 8/23  | 0       | 0       | 0    | 0    | 11   | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 8/31  | 0       | 0       | 0    | 1    | 0    | Ground survey - Good, 0.25 mi.                |          | ADF&G (1983b)         |
|                             | 1982 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | ADF&G (1983b)         |
|                             | 1982 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.25 mi.                |          | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.1 mi.            |          | ADF&G (1983b)         |
|                             | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/20  | 0       | 0       | 0    | 0    | 1    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1984) |
|                             | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |          | Barrett et al. (1984) |
|                             | 1984 | 7/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.5 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.5 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 7/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/06  | 0       | 0       | 0    | 0    | 10   | Ground survey - Excellent, 0.25 mi.           |          | Barrett et al. (1985) |
|                             | 1984 | 8/13  | 0       | 0       | 0    | 0    | 121  | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/20  | 0       | 0       | 0    | 4    | 81   | Ground survey - Good, 0.25 mi.                |          | Barrett et al. (1985) |
|                             | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                |          | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME          | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                  | COMMENTS | DATA SOURCE           |
|--------------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                                      | 1984 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
| 247-41-10200-2510<br>Sherman Creek * | 1982 | 7/10  | 0       |         |      |      |      | Aerial count                                   |          | Kubik (1964)          |
|                                      | 1981 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | ADFG (1981)           |
|                                      | 1981 | 8/07  | 0       | 0       | 0    | 2    | 0    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1981)           |
|                                      | 1981 | 8/10  | 0       | 0       | 0    | 9    | 5    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1981)           |
|                                      | 1981 | 8/11  | 0       | 0       | 0    | 6    | 2    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1981)           |
|                                      | 1981 | 8/20  | 0       | 0       | 0    | 2    | 6    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1981)           |
|                                      | 1981 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1981)           |
|                                      | 1982 | 8/06  | 3       | 0       | 0    | 0    | 5    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                                      | 1982 | 8/12  | 0       | 0       | 0    | 0    | 24   | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                                      | 1982 | 8/17  | 0       | 0       | 0    | 0    | 5    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                                      | 1982 | 8/23  | 0       | 0       | 0    | 0    | 3    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                                      | 1982 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | ADFG (1983b)          |
|                                      | 1982 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | ADFG (1983b)          |
|                                      | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1983b)          |
|                                      | 1982 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | ADFG (1983b)          |
|                                      | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.1 mi.             |          | ADFG (1983b)          |
|                                      | 1983 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                                      | 1983 | 8/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                                      | 1983 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1984) |
|                                      | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                                      | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                                      | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                                      | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                                      | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.25 mi. |          | Barrett et al. (1984) |
|                                      | 1984 | 7/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi.  |          | Barrett et al. (1985) |
|                                      | 1984 | 7/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 7/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1985) |
|                                      | 1984 | 8/06  | 0       | 0       | 0    | 2    | 43   | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 8/13  | 0       | 0       | 0    | 6    | 48   | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1985) |
|                                      | 1984 | 8/20  | 0       | 0       | 0    | 6    | 21   | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1985) |
|                                      | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1985) |
|                                      | 1984 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                                      | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS   | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|------------|-----------------------|
| <b>247-41-10200-2511</b>    |      |       |         |         |      |      |      |   |            |                       |
| Fourth of July Creek *      | 1974 | 8/16  |         |         |      |      | 159  | Ground, boat and aerial counts combined       | Peak count | Barrett (1974)        |
|                             | 1974 | 9/11  |         |         | 26   | 594  |      | Ground, boat and aerial counts combined       | Peak count | Barrett (1974)        |
|                             | 1975 | 8/09  | 1       |         |      |      |      |   |            | Friese (1975)         |
|                             | 1975 | 8/17  |         | 1       |      |      | 148  |   |            | Friese (1975)         |
|                             | 1981 | 7/31  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 0.25 mi.                |            | ADF&G (1981)          |
|                             | 1981 | 8/07  | 0       | 0       | 1    | 90   | 18   | Ground survey - Fair, 0.25 mi.                |            | ADF&G (1981)          |
|                             | 1981 | 8/10  | 0       | 0       | 0    | 31   | 4    | Ground survey - Good, 0.25 mi.                |            | ADF&G (1981)          |
|                             | 1981 | 8/20  | 0       | 0       | 0    | 66   | 29   | Ground survey - Good, 0.25 mi.                |            | ADF&G (1981)          |
|                             | 1981 | 9/01  | 0       | 0       | 0    | 0    | 5    | Ground survey - Excellent, 1.5 mi.            |            | ADF&G (1981)          |
|                             | 1981 | 9/25  | 0       | 0       | 1    | 1    | 0    | Ground survey - Excellent, 0.3 mi.            |            | ADF&G (1981)          |
| A75                         | 1982 | 7/28  | 56      | 0       | 0    | 0    | 0    | Ground survey - Good, 2.0 mi.                 |            | ADF&G (1983b)         |
|                             | 1982 | 8/06  | 8       | 0       | 0    | 0    | 63   | Ground survey - Excellent, 0.25 mi.           |            | ADF&G (1983b)         |
|                             | 1982 | 8/12  | 5       | 0       | 0    | 8    | 511  | Ground survey - Good, 0.5 mi.                 |            | ADF&G (1983b)         |
|                             | 1982 | 8/17  | 0       | 0       | 0    | 79   | 594  | Ground survey - Excellent, 0.25 mi.           |            | ADF&G (1983b)         |
|                             | 1982 | 8/23  | 0       | 0       | 0    | 168  | 702  | Ground survey - Excellent, 0.25 mi.           |            | ADF&G (1983b)         |
|                             | 1982 | 8/30  | 0       | 0       | 0    | 188  | 125  | Ground survey - Good, 0.25 mi.                |            | ADF&G (1983b)         |
|                             | 1982 | 9/05  | 0       | 0       | 0    | 191  | 0    | Ground survey - Good, 0.25 mi.                |            | ADF&G (1983b)         |
|                             | 1982 | 9/13  | 0       | 0       | 1    | 50   | 0    | Ground survey - Fair, 0.25 mi.                |            | ADF&G (1983b)         |
|                             | 1982 | 9/19  | 0       | 0       | 0    | 43   | 0    | Ground survey - Good, 0.25 mi.                |            | ADF&G (1983b)         |
|                             | 1982 | 9/25  | 0       | 0       | 4    | 28   | 0    | Ground survey - Excellent, 0.25 mi.           |            | ADF&G (1983b)         |
|                             | 1982 | 10/01 | 0       | 0       | 2    | 6    | 0    | Ground survey - Excellent, 0.25 mi.           |            | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.2 mi.                 |            | ADF&G (1983b)         |
|                             | 1983 | 7/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.           |            | Barrett et al. (1984) |
|                             | 1983 | 7/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 1.5 mi.            |            | Barrett et al. (1984) |
|                             | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 1.5 mi.            |            | Barrett et al. (1984) |
| 1983                        | 1983 | 8/02  | 6       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.5 mi.            |            | Barrett et al. (1984) |
|                             | 1983 | 8/05  | 6       | 0       | 0    | 11   | 25   | Ground survey - Excellent, 0.5 mi.            |            | Barrett et al. (1984) |
|                             | 1983 | 8/13  | 3       | 0       | 0    | 54   | 20   | Ground survey - Good, 0.5 mi.                 |            | Barrett et al. (1984) |
|                             | 1983 | 8/20  | 0       | 0       | 0    | 112  | 78   | Ground survey - Excellent, 0.5 mi.            |            | Barrett et al. (1984) |
|                             | 1983 | 8/27  | 0       | 0       | 1    | 148  | 32   | Ground survey - Good, 0.5 mi.                 |            | Barrett et al. (1984) |
|                             | 1983 | 9/03  | 0       | 0       | 0    | 30   | 11   | Ground survey - Fair, 0.5 mi.                 |            | Barrett et al. (1984) |
|                             | 1983 | 9/11  | 0       | 0       | 2    | 24   | 0    | Ground survey - Excellent, 0.5 mi.            |            | Barrett et al. (1984) |
|                             | 1983 | 9/18  | 0       | 0       | 3    | 54   | 0    | Ground survey - Excellent, 0.5 mi.            |            | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.5 mi.                 |            | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 2    | 14   | 0    | Ground survey - Excellent, 0.5 mi.            |            | Barrett et al. (1984) |
| 1984                        | 1984 | 7/22  | 92      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 4.0 mi.      |            | Barrett et al. (1985) |
|                             | 1984 | 7/23  | 34      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |            | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 4.0 mi.      |            | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 8    | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |            | Barrett et al. (1985) |
|                             | 1984 | 7/30  | 25      | 0       | 0    | 129  | 553  | Ground survey - Poor, 0.25 mi.                |            | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME     | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                  | COMMENTS               | DATA SOURCE           |
|---------------------------------|------|-------|---------|---------|------|------|------|--|------------------------|-----------------------|
|                                 | 1984 | 8/06  | 6       | 1500    | 0    | 13   | 702  | Ground survey - Fair, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/13  | 0       | 0       | 0    | 193  | 1842 | Ground survey - Good, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/20  | 0       | 0       | 0    | 175  | 929  | Ground survey - Good, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/04  | 0       | 0       | 0    | 70   | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/11  | 0       | 0       | 0    | 22   | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/21  | 0       | 0       | 1    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1985) |
|                                 | 1984 | 10/05 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1985) |
| 247-41-10200-2540<br>Gold Creek | 1962 | 7/20  | 0       |         |      |      |      |  | Suspected aerial count | Kubik (1964)          |
|                                 | 1981 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.75 mi.                 |                        | ADF&G (1981)          |
|                                 | 1982 | 8/03  | 21      | 0       | 0    | 0    | 0    | Ground survey - Excellent, 4.0 mi.             |                        | ADF&G (1983b)         |
|                                 | 1982 | 8/11  | 2       | 0       | 0    | 0    | 11   | Ground survey - Good, 0.5 mi.                  |                        | ADF&G (1983b)         |
|                                 | 1982 | 8/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |                        | ADF&G (1983b)         |
|                                 | 1982 | 8/23  | 0       | 0       | 1    | 0    | 2    | Ground survey - Excellent, 0.25 mi.            |                        | ADF&G (1983b)         |
|                                 | 1982 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | ADF&G (1983b)         |
|                                 | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.2 mi.                  |                        | ADF&G (1983b)         |
|                                 | 1983 | 7/24  | 23      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 7.0 mi.  |                        | Barrett et al. (1984) |
|                                 | 1983 | 7/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1984) |
|                                 | 1983 | 8/01  | 15      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 7.0 mi.  |                        | Barrett et al. (1984) |
|                                 | 1983 | 8/07  | 6       | 0       | 0    | 0    | 7    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1984) |
|                                 | 1983 | 8/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1984) |
|                                 | 1983 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1984) |
|                                 | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |                        | Barrett et al. (1984) |
|                                 | 1983 | 9/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1984) |
|                                 | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1984) |
|                                 | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |                        | Barrett et al. (1984) |
|                                 | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.25 mi. |                        | Barrett et al. (1984) |
|                                 | 1984 | 7/22  | 2       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 7.0 mi.       |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/01  | 23      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 7.0 mi.       |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 7.0 mi.       |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 7.0 mi.  |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 7.0 mi.       |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 7.0 mi.       |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 7.0 mi.  |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 7.0 mi.       |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/08  | 1       | 0       | 0    | 0    | 82   | Ground survey - Good, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.25 mi.                 |                        | Barrett et al. (1985) |
|                                 | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |                        | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                  | COMMENTS                            | DATA SOURCE          |
|-----------------------------|------|-------|---------|---------|------|------|------|--|-------------------------------------|----------------------|
| <b>247-41-10200-2551</b>    |      |       |         |         |      |      |      |  |                                     |                      |
| Indian River                | Hist |       |         |         |      |      |      |  | Max. count 1,002 chinook (1957)     |                      |
|                             | 1962 | 7/03  | 28      |         |      |      |      | Aerial count                                   |                                     | Kubik (1963)         |
|                             | 1962 | 8/19  | 0       |         |      |      |      | Aerial count                                   |                                     | kubik (1963)         |
|                             | 1964 | 8/12  | 2       |         |      |      |      | Aerial count                                   |                                     | Kubik (1965)         |
|                             | 1972 | 7/30  | 35      |         |      |      |      | Aerial count                                   |                                     | Watsjold (1973)      |
|                             | 1973 | 7/26  | 110     |         |      |      |      |  |                                     | ADF&G (1982)         |
|                             | 1973 | 7/29  | 122     |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1974)      |
|                             | 1973 |       | 5       |         |      |      |      | Aerial count                                   |                                     | Kubik & Trent (1974) |
|                             | 1974 | 7/25  | 102     |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1975)      |
|                             | 1974 | 8/19  |         |         |      |      | 577  | Ground, boat and aerial counts combined        | Peak count                          | Barrett (1974)       |
|                             | 1974 | 9/10  |         |         | 64   | 531  |      | Ground, boat and aerial counts combined        |                                     | Barrett (1974)       |
|                             | 1975 | 8/04  | 31      |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1976)      |
|                             | 1975 |       | 35      |         |      |      |      |  |                                     | ADF&G (1982)         |
|                             | 1975 | 8/12  | 10      |         |      | 70   | 321  |  |                                     | Friese (1975)        |
|                             | 1975 | 9/26  |         | 1       |      |      |      |  | Peak count                          | Friese (1975)        |
|                             | 1976 | 7/23  | 537     |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1977)      |
|                             | 1977 |       | 393     |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1978)      |
|                             | 1978 |       | 114     |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1979)      |
|                             | 1979 | 10/29 |         |         |      | 150  |      |  | Cook Inlet Aquaculture Ass'n (CIAA) |                      |
|                             | 1979 |       | 285     |         |      |      |      | Aerial count, fixed wing                       |                                     | Watsjold (1980)      |
|                             | 1980 |       |         |         |      |      |      |  | No count - high, turbid water       | Bentz (1982)         |
|                             | 1981 | 7/27  | 422     |         |      |      |      | Aerial count, helicopter - Good                |                                     | ADF&G (1981)         |
|                             | 1981 | 8/06  | 0       | 0       | 0    | 22   | 0    | Ground survey - Excellent, 0.25 mi.            |                                     | ADF&G (1981)         |
|                             | 1981 | 8/10  | 0       | 0       | 0    | 4    | 0    | Ground survey - Poor, 0.25 mi.                 |                                     | ADF&G (1981)         |
|                             | 1981 | 8/21  | 0       | 0       | 0    | 34   | 2    | Ground survey - Fair, 0.25 mi.                 |                                     | ADF&G (1981)         |
|                             | 1981 | 9/03  | 0       | 0       | 0    | 40   | 0    | Ground survey - Excellent, 0.25 mi.            |                                     | ADF&G (1981)         |
|                             | 1981 | 9/11  | 0       | 0       | 16   | 16   | 0    | Ground survey - Fair, 0.25 mi.                 |                                     | ADF&G (1981)         |
|                             | 1981 | 9/15  | 0       | 0       | 85   | 0    | 0    | Aerial count, helicopter - Good, 15.0 mi.      |                                     | ADF&G (1981)         |
|                             | 1981 | 9/19  | 0       | 0       | 10   | 3    | 0    | Ground survey - Fair, 0.25 mi.                 |                                     | ADF&G (1981)         |
|                             | 1981 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |                                     | ADF&G (1981)         |
|                             | 1982 | 7/21  | 1053    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 15.0 mi. |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/01  | 110     | 0       | 0    | 0    | 0    | Ground survey - Excellent, 6.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/03  | 142     | 0       | 0    | 0    | 24   | Ground survey - Excellent, 2.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/05  | 129     | 0       | 0    | 16   | 203  | Ground survey - Good, 4.0 mi.                  |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/11  | 30      | 0       | 0    | 134  | 738  | Ground survey - Excellent, 1.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/16  | 15      | 0       | 9    | 367  | 559  | Ground survey - Excellent, 1.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/23  | 2       | 0       | 0    | 199  | 567  | Ground survey - Excellent, 1.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 8/29  | 8       | 0       | 18   | 168  | 347  | Ground survey - Good, 1.0 mi.                  |                                     | ADF&G (1983b)        |
|                             | 1982 | 9/04  | 0       | 0       | 24   | 1346 | 98   | Ground survey - Excellent, 2.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 9/12  | 0       | 0       | 37   | 1177 | 0    | Ground survey - Excellent, 2.0 mi.             |                                     | ADF&G (1983b)        |
|                             | 1982 | 9/18  | 0       | 0       | 36   | 74   | 0    | Ground survey - Excellent, 2.0 mi.             |                                     | ADF&G (1983b)        |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | Sockeye | Coho | Chum | Pink | Survey Method                                  | Comments | Data Source           |
|-----------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                             | 1982 | 9/24  | 0       | 0       | 101  | 0    | 0    | Aerial count, helicopter - Excellent, 15.0 mi. |          | ADF&G (1983b)         |
|                             | 1982 | 9/30  | 0       | 0       | 32   | 2    | 0    | Ground survey - Excellent, 2.0 mi.             |          | ADF&G (1983b)         |
|                             | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 1.0 mi.                  |          | ADF&G (1983b)         |
|                             | 1983 | 7/25  | 1193    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/02  | 406     | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/09  | 8       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 16.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 8/26  | 0       | 0       | 16   | 361  | 151  | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 9/03  | 0       | 0       | 33   | 118  | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 9/10  | 0       | 0       | 53   | 120  | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/24  | 0       | 0       | 38   | 0    | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 17   | 0    | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 18   | 0    | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 7/27  | 40      | 0       | 0    | 76   | 36   | Ground survey - Fair, 1.0 mi.                  |          | Barrett et al. (1984) |
|                             | 1983 | 8/04  | 4       | 0       | 0    | 314  | 696  | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1984) |
|                             | 1983 | 8/12  | 0       | 0       | 0    | 494  | 675  | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1984) |
|                             | 1983 | 8/19  | 0       | 1       | 27   | 811  | 886  | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1984) |
|                             | 1983 | 8/27  | 0       | 0       | 22   | 734  | 289  | Ground survey - Fair, 1.0 mi.                  |          | Barrett et al. (1984) |
|                             | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 1.0 mi.                  |          | Barrett et al. (1984) |
|                             | 1983 | 9/10  | 0       | 0       | 15   | 171  | 0    | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1984) |
|                             | 1983 | 9/16  | 0       | 0       | 7    | 108  | 0    | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1984) |
|                             | 1983 | 9/22  | 0       | 0       | 15   | 0    | 0    | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1984) |
|                             | 1983 | 10/03 | 0       | 0       | 5    | 0    | 0    | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1984) |
|                             | 1984 | 7/25  | 1456    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 8/01  | 635     | 0       | 0    | 437  | 1466 | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 8/11  | 42      | 1       | 5    | 2247 | 7966 | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 8/18  | 0       | 0       | 125  | 1758 | 9066 | Aerial count, helicopter - Fair, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/01  | 0       | 0       | 211  | 509  | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 277  | 62   | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 465  | 6    | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/22  | 0       | 0       | 203  | 0    | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 87   | 0    | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/06 | 0       | 0       | 74   | 0    | 0    | Aerial count, helicopter - Good, 16.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/13 | 0       | 0       | 77   | 0    | 0    | Aerial count, helicopter - Excellent, 16.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 7/24  | 199     | 0       | 0    | 0    | 0    | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 7/31  | 197     | 0       | 0    | 296  | 549  | Ground survey - Fair, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 8/08  | 100     | 0       | 2    | 494  | 3405 | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 8/11  | 0       | 0       | 3    | 515  | 1834 | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1985) |
|                             | 1984 | 8/17  | 0       | 0       | 45   | 1272 | 5282 | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 9/02  | 0       | 0       | 29   | 354  | 4    | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 9/10  | 0       | 0       | 70   | 230  | 0    | Ground survey - Good, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 1.0 mi.                  |          | Barrett et al. (1985) |
|                             | 1984 | 9/28  | 0       | 0       | 8    | 0    | 0    | Ground survey - Excellent, 1.0 mi.             |          | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME        | YEAR  | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK                                | SURVEY METHOD                                 | COMMENTS              | DATA SOURCE           |
|------------------------------------|-------|-------|---------|---------|------|------|-------------------------------------|---|-----------------------|-----------------------|
|                                    | 1984  | 10/03 | 0       | 0       | 10   | 0    | 0                                   | Ground survey - Excellent, 1.0 mi.            |                       | Barrett et al. (1985) |
|                                    | 1984  | 10/11 | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 1.0 mi.            |                       | Barrett et al. (1985) |
| <b>247-41-10200-2551-3015</b>      |       |       |         |         |      |      |                                     |   |                       |                       |
| Salmon Creek                       |       |       |         |         |      |      |                                     |   |                       |                       |
| <b>247-41-10200-2551-3015-0010</b> |       |       |         |         |      |      |                                     |   |                       |                       |
| Summit Lake                        |       |       |         |         |      |      |                                     |   |                       |                       |
| <b>247-41-10200-2551-3201</b>      |       |       |         |         |      |      |                                     |   |                       |                       |
| <b>247-41-10200-2570</b>           |       |       |         |         |      |      |                                     |   |                       |                       |
| Jack Long Creek *                  |       |       |         |         |      |      |                                     |   |                       |                       |
| 1981                               | 8/21  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Poor, 0.25 mi.                |                       | ADFG&G (1981)         |
| 1981                               | 8/26  | 0     | 0       | 0       | 0    | 0    | 1                                   | Ground survey - Excellent, 0.75 mi.           |                       | ADFG&G (1981)         |
| 1981                               | 9/24  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.5 mi.            |                       | ADFG&G (1981)         |
| 1982                               | 8/04  | 2     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | ADFG&G (1983b)        |
| 1982                               | 8/11  | 2     | 0       | 0       | 0    | 0    | 15                                  | Ground survey - Excellent, 0.25 mi.           |                       | ADFG&G (1983b)        |
| 1982                               | 8/16  | 0     | 0       | 0       | 0    | 0    | 21                                  | Ground survey - Excellent, 0.25 mi.           |                       | ADFG&G (1983b)        |
| 1982                               | 8/22  | 0     | 0       | 0       | 0    | 0    | 8                                   | Ground survey - Excellent, 0.25 mi.           |                       | ADFG&G (1983b)        |
| 1982                               | 8/30  | 0     | 0       | 1       | 3    | 0    | 0                                   | Ground survey - Good, 0.25 mi.                |                       | ADFG&G (1983b)        |
| 1982                               | 9/04  | 0     | 0       | 0       | 1    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | ADFG&G (1983b)        |
| 1982                               | 9/12  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Good, 0.25 mi.                |                       | ADFG&G (1983b)        |
| 1982                               | 9/18  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Poor, 0.25 mi.                |                       | ADFG&G (1983b)        |
| 1982                               | 9/30  | 0     | 0       | 1       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | ADFG&G (1983b)        |
| 1982                               | 10/25 | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Poor, 0.3 mi.                 |                       | ADFG&G (1983b)        |
| 1983                               | 7/24  | 0     | 0       | 0       | 0    | 0    | 0                                   | Aerial count, helicopter - Excellent, 8.0 mi. |                       | Barrett et al. (1984) |
| 1983                               | 8/01  | 6     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 8/04  | 1     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 8/12  | 1     | 0       | 0       | 2    | 5    | Ground survey - Excellent, 0.25 mi. |   | Barrett et al. (1984) |                       |
| 1983                               | 8/18  | 0     | 0       | 0       | 2    | 1    | Ground survey - Excellent, 0.25 mi. |   | Barrett et al. (1984) |                       |
| 1983                               | 8/25  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 9/02  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 9/10  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 9/15  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 9/22  | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Excellent, 0.25 mi.           |                       | Barrett et al. (1984) |
| 1983                               | 10/01 | 0     | 0       | 1       | 0    | 0    | 0                                   | Aerial count, helicopter - Excellent, 8.0 mi. |                       | Barrett et al. (1984) |
| 1983                               | 10/03 | 0     | 0       | 0       | 0    | 0    | 0                                   | Ground survey - Poor, 0.25 mi.                |                       | Barrett et al. (1984) |
| 1984                               | 7/21  | 7     | 0       | 0       | 0    | 0    | 0                                   | Aerial count, helicopter - Excellent, 8.0 mi. |                       | Barrett et al. (1985) |
| 1984                               | 9/08  | 0     | 0       | 0       | 0    | 0    | 0                                   | Aerial count, helicopter - Good, 8.0 mi.      |                       | Barrett et al. (1985) |
| 1984                               | 9/15  | 0     | 0       | 0       | 0    | 0    | 0                                   | Aerial count, helicopter - Good, 8.0 mi.      |                       | Barrett et al. (1985) |
| 1984                               | 9/22  | 0     | 0       | 5       | 0    | 0    | 0                                   | Aerial count, helicopter - Excellent, 8.0 mi. |                       | Barrett et al. (1985) |
| 1984                               | 9/29  | 0     | 0       | 6       | 0    | 0    | 0                                   | Aerial count, helicopter - Good, 8.0 mi.      |                       | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME        | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                  | COMMENTS   | DATA SOURCE           |
|------------------------------------|------|-------|---------|---------|------|------|------|--|------------|-----------------------|
|                                    | 1984 | 7/31  | 1       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |            | Barrett et al. (1985) |
|                                    | 1984 | 8/08  | 2       | 0       | 0    | 4    | 14   | Ground survey - Excellent, 0.25 mi.            |            | Barrett et al. (1985) |
|                                    | 1984 | 8/17  | 0       | 0       | 0    | 1    | 5    | Ground survey - Excellent, 0.25 mi.            |            | Barrett et al. (1985) |
|                                    | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |            | Barrett et al. (1985) |
|                                    | 1984 | 9/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |            | Barrett et al. (1985) |
|                                    | 1984 | 9/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |            | Barrett et al. (1985) |
|                                    | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |            | Barrett et al. (1985) |
|                                    | 1984 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |            | Barrett et al. (1985) |
|                                    | 1984 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |            | Barrett et al. (1985) |
| 247-41-10200-2585<br>Portage Creek | 1962 | 7/30  | 27      |         |      |      |      | Aerial count                                   |            | Kubik (1963)          |
|                                    | 1963 | 8/15  | 0       |         |      |      |      | Aerial count                                   |            | Kubik (1964)          |
|                                    | 1972 | 7/30  | 68      |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1973)       |
|                                    | 1973 | 7/26  | 153     |         |      |      |      |  |            | ADF&G (1982)          |
|                                    | 1973 | 7/29  | 174     |         |      |      |      | Aerial count, helicopter                       |            | Watsjold (1974)       |
|                                    | 1974 | 7/27  | 260     |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1975)       |
|                                    | 1974 | 8/18  |         |         | 150  | 276  | 218  | Ground, boat and aerial counts combined        | Peak count | Barrett (1974)        |
|                                    | 1975 | 7/29  | 29      |         |      |      |      |  | Peak count | Friese (1975)         |
|                                    | 1975 | 8/04  | 32      |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1976)       |
|                                    | 1976 | 7/23  | 702     |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1977)       |
|                                    | 1977 |       | 374     |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1978)       |
|                                    | 1978 |       | 140     |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1979)       |
|                                    | 1979 |       | 190     |         |      |      |      | Aerial count, fixed wing                       |            | Watsjold (1980)       |
|                                    | 1980 |       |         |         |      |      |      | No count - high, turbid water                  |            | Bentz (1982)          |
|                                    | 1981 | 7/27  | 659     |         |      |      |      | Aerial count, helicopter - Good                |            | ADF&G (1981)          |
|                                    | 1981 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |            | ADF&G (1981)          |
|                                    | 1981 | 9/15  | 0       | 0       | 22   | 0    | 0    | Aerial count, helicopter - Fair, 12.0 mi.      |            | ADF&G (1981)          |
|                                    | 1981 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |            | ADF&G (1981)          |
|                                    | 1982 | 7/21  | 955     | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 15.0 mi. |            | ADF&G (1983b)         |
|                                    | 1982 |       | 1111    |         |      |      |      |  |            | Bentz (1983)          |
|                                    | 1982 | 8/03  | 1253    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 15.0 mi. |            | ADF&G (1983b)         |
|                                    | 1982 | 8/09  | 25      | 0       | 0    | 25   | 146  | Ground survey - Excellent, 0.5 mi.             |            | ADF&G (1983b)         |
|                                    | 1982 | 8/16  | 4       | 0       | 0    | 71   | 169  | Ground survey - Excellent, 0.25 mi.            |            | ADF&G (1983b)         |
|                                    | 1982 | 8/22  | 2       | 0       | 1    | 153  | 111  | Ground survey - Excellent, 0.25 mi.            |            | ADF&G (1983b)         |
|                                    | 1982 | 8/29  | 4       | 0       | 1    | 28   | 141  | Ground survey - Good, 0.25 mi.                 |            | ADF&G (1983b)         |
|                                    | 1982 | 9/03  | 0       | 0       | 0    | 7    | 0    | Ground survey - Excellent, 0.25 mi.            |            | ADF&G (1983b)         |
|                                    | 1982 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |            | ADF&G (1983b)         |
|                                    | 1982 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |            | ADF&G (1983b)         |
|                                    | 1982 | 9/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 0.25 mi.                 |            | ADF&G (1983b)         |
|                                    | 1982 | 9/24  | 0       | 0       | 88   | 5    | 0    | Aerial count, helicopter - Excellent, 15.0 mi. |            | ADF&G (1983b)         |
|                                    | 1982 | 9/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |            | ADF&G (1983b)         |
|                                    | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi.  |            | ADF&G (1983b)         |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | Sockeye | Coho | Chum | Pink | Survey Method                                  | Comments | Data Source           |
|-----------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                             | 1983 | 7/25  | 3140    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/01  | 2556    |         |      |      |      | Aerial count, helicopter - Excellent           |          | Barrett et al. (1984) |
|                             | 1983 | 8/09  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 25.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 8/26  | 5       | 0       | 0    | 526  | 35   | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/04  | 0       | 0       | 0    | 141  | 0    | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 9/10  | 0       | 0       | 1    | 8    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/18  | 0       | 0       | 8    | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 9/24  | 0       | 0       | 15   | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 10/01 | 0       | 0       | 2    | 0    | 0    | Aerial count, helicopter - Fair, 25.0 mi.      |          | Barrett et al. (1984) |
|                             | 1983 | 10/08 | 0       | 0       | 6    | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1984) |
|                             | 1983 | 8/04  | 5       | 0       | 0    | 262  | 285  | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/12  | 4       | 0       | 0    | 68   | 50   | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1984) |
|                             | 1983 | 8/18  | 0       | 0       | 2    | 26   | 57   | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 8/25  | 0       | 0       | 0    | 0    | 4    | Ground survey - Fair, 0.25 mi.                 |          | Barrett et al. (1984) |
|                             | 1983 | 9/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1984) |
|                             | 1983 | 9/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/15  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1984) |
|                             | 1984 | 7/21  | 99      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 7/25  | 190     | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 |       | 2341    |         |      |      |      |  |          | Hepner & Bentz (1985) |
|                             | 1984 | 8/01  | 5446    | 0       | 0    | 115  | 90   | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 8/11  | 663     | 0       | 15   | 405  | 2707 | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 8/18  | 12      | 14      | 91   | 1285 | 2105 | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/01  | 0       | 0       | 9    | 60   | 0    | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/08  | 0       | 0       | 93   | 19   | 0    | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/15  | 0       | 0       | 128  | 0    | 0    | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 9/22  | 0       | 0       | 94   | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 9/29  | 0       | 0       | 115  | 0    | 0    | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/06 | 0       | 0       | 46   | 0    | 0    | Aerial count, helicopter - Good, 25.0 mi.      |          | Barrett et al. (1985) |
|                             | 1984 | 10/13 | 0       | 0       | 43   | 0    | 0    | Aerial count, helicopter - Excellent, 25.0 mi. |          | Barrett et al. (1985) |
|                             | 1984 | 7/31  | 43      | 0       | 0    | 53   | 40   | Ground survey - Fair, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/01  | 153     | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 8/04  | 50      | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 8/08  | 11      | 0       | 6    | 242  | 158  | Ground survey - Fair, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/17  | 0       | 12      | 21   | 262  | 58   | Ground survey - Fair, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 8/18  | 2       | 0       | 0    | 156  | 302  | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/02  | 0       | 2       | 0    | 1    | 0    | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/10  | 0       | 1       | 1    | 0    | 0    | Ground survey - Good, 0.25 mi.                 |          | Barrett et al. (1985) |
|                             | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |
|                             | 1984 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.            |          | Barrett et al. (1985) |

Appendix Table 1-1 (Continued).

| LOCATION CODE / STREAM NAME   | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD  | COMMENTS            | DATA SOURCE           |
|-------------------------------|------|-------|---------|---------|------|------|------|--|---------------------|-----------------------|
|                               | 1984 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 0.25 mi.  |                     | Barrett et al. (1985) |
| <b>247-41-10200-2585-3100</b> |      |       |         |         |      |      |      |  |                     |                       |
| <b>247-41-10200-2585-3201</b> |      |       |         |         |      |      |      |  |                     |                       |
| Thoroughfare Creek            |      |       |         |         |      |      |      |  |                     |                       |
| <b>247-41-10200-2585-3223</b> |      |       |         |         |      |      |      |  |                     |                       |
| <b>247-41-10200-2596</b>      |      |       |         |         |      |      |      |  |                     |                       |
| Cheechako Creek *             |      |       |         |         |      |      |      |  |                     |                       |
|                               | 1962 | 7/19  | 0       |         |      |      |      | Aerial count   | Note - TALK MTS D-5 | Kubik (1964)          |
|                               | 1982 | 8/05  | 11      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.75 Tributary in Devil Canyon (RM 152.5). |                     | ADF&G (1983b)         |
|                               | 1982 | 8/06  | 16      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 3.0 mi.                                    |                     | ADF&G (1983b)         |
|                               | 1982 | 8/11  | 6       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.0 mi.   |                     | ADF&G (1983b)         |
|                               | 1982 | 8/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi.                                    |                     | ADF&G (1983b)         |
|                               | 1982 | 8/22  | 1       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.5 mi.   |                     | ADF&G (1983b)         |
|                               | 1982 | 8/28  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi.                                    |                     | ADF&G (1983b)         |
|                               | 1982 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.5 mi.   |                     | ADF&G (1983b)         |
|                               | 1982 | 9/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.5 mi.                                    |                     | ADF&G (1983b)         |
|                               | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.1 mi.   |                     | ADF&G (1983b)         |
| A82                           | 1983 | 7/24  | 16      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1983 | 8/01  | 25      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1983 | 8/09  | 2       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1984) |
|                               | 1983 | 8/26  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 1.25 mi.  |                     | Barrett et al. (1984) |
|                               | 1983 | 9/04  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1984) |
|                               | 1983 | 9/10  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1983 | 9/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1984) |
|                               | 1984 | 7/21  | 16      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1985) |
|                               | 1984 | 8/01  | 29      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1985) |
|                               | 1984 | 8/11  | 6       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1985) |
|                               | 1984 | 8/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1985) |
|                               | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1985) |
|                               | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.25 mi.  |                     | Barrett et al. (1985) |
|                               | 1984 | 10/13 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.25 mi.                                   |                     | Barrett et al. (1985) |
| <b>247-41-10200-2630</b>      |      |       |         |         |      |      |      |  |                     |                       |
| Chinook Creek *               |      |       |         |         |      |      |      |  |                     |                       |
|                               | 1982 | 8/06  | 5       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 Tributary in Devil Canyon (RM 156.8).  |                     | ADF&G (1983b)         |
|                               | 1982 | 8/11  | 1       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.5 mi.   |                     | ADF&G (1983b)         |
|                               | 1982 | 8/18  | 1       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi.                                    |                     | ADF&G (1983b)         |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME    | YEAR                | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS                              | DATA SOURCE           |
|--------------------------------|---------------------|-------|---------|---------|------|------|------|---|---------------------------------------|-----------------------|
|                                | 1982                | 8/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 2.0 mi.      |                                       | ADF&G (1983b)         |
|                                | 1982                | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.1 mi.      |                                       | ADF&G (1983b)         |
|                                | 1983                | 7/24  | 4       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 8/01  | 8       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 8/09  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 1.0 mi.      |                                       | Barrett et al. (1984) |
|                                | 1983                | 8/26  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 1.0 mi.      |                                       | Barrett et al. (1984) |
|                                | 1983                | 9/04  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 9/10  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 9/17  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 9/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 10/01 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1983                | 10/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1984) |
|                                | 1984                | 7/21  | 2       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 1.0 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 8/01  | 15      | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1985) |
|                                | 1984                | 8/11  | 8       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.0 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 8/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.0 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.0 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.0 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 10/13 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 1.0 mi. |                                       | Barrett et al. (1985) |
| A<br>83<br>247-41-10200-2649 * | Note - TALK MTS D-5 |       |         |         |      |      |      |   |                                       |                       |
|                                | Devil Creek *       | 1982  | 8/06    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. | Tributary in Devil Canyon (RM 161.0). | ADF&G (1983b)         |
|                                |                     | 1982  | 8/11    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. |                                       | ADF&G (1983b)         |
|                                |                     | 1982  | 8/18    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. |                                       | ADF&G (1983b)         |
|                                |                     | 1982  | 8/22    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 2.0 mi. |                                       | ADF&G (1983b)         |
|                                |                     | 1982  | 10/25   | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 1.0 mi.      |                                       | ADF&G (1983b)         |
|                                |                     | 1983  | 7/24    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 8/01    | 1       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 8/02    | 1       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 8/09    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 8/26    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 9/04    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 9/10    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 9/18    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 9/24    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 10/01   | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                |                     | 1983  | 10/08   | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |                                       | Barrett et al. (1984) |
|                                | 1984                | 7/21  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 0.5 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 8/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 0.5 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 8/11  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.5 mi.      |                                       | Barrett et al. (1985) |
|                                | 1984                | 8/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.5 mi.      |                                       | Barrett et al. (1985) |

Appendix Table I-1 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                 | COMMENTS   | DATA SOURCE           |
|-----------------------------|------|-------|---------|---------|------|------|------|---|--|-----------------------|
|                             | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 0.5 mi.      |  | Barrett et al. (1985) |
|                             | 1984 | 10/13 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 0.5 mi. |  | Barrett et al. (1985) |
| 247-41-10200-2696 *         |      |       |         |         |      |      |      |   | Note - TALK MTS D-4<br>Furthest upstream tributary<br>(RM 176.1) where salmon have been<br>documented in the middle reach of<br>the Susitna River. |                       |
| Fog Creek *                 | 1984 | 7/21  | 2       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 3.0 mi. |  | Barrett et al. (1985) |
|                             | 1984 | 8/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 3.0 mi. |  | Barrett et al. (1985) |
|                             | 1984 | 8/11  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 3.0 mi.      |  | Barrett et al. (1985) |
|                             | 1984 | 8/18  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 3.0 mi.      |  | Barrett et al. (1985) |

\* - These new location codes and names were submitted to the editors of the Anadromous Waters Catalog in October 1985. Upon verification, they will be included in the next printing of the Anadromous Waters Catalog.

Appendix Table 1-2. Escapement survey counts of adult salmon in the Yentna River drainage.

| LOCATION CODE / STREAM NAME   | YEAR | DATE      | CHINOOK | SOCKEYE | COHO  | CHUM  | PINK   | SURVEY METHOD                            | COMMENTS              | DATA SOURCE           |
|-------------------------------|------|-----------|---------|---------|-------|-------|--------|--|-----------------------|-----------------------|
| 247-41-10200-2053             |      |           |         |         |       |       |        |  |                       |                       |
| Yentna River                  | 1974 | 7/13-8/17 |         | 54978   |       |       |        | Mark-recapture                           | Modified Peterson     | Barrett (1975b)       |
| Yentna River                  | 1974 | 7/13-8/14 |         | 3746    | 1036  | 345   | 2534   | Yentna Station fishwheel catch           |                       | Barrett (1975b)       |
| Yentna Station                | 1981 | 6/29-9/07 |         | 139401  | 17017 | 19765 | 36053  | Side-scan sonar                          | Escapement estimate   | ADF&G (1981)          |
| Yentna Station                | 1982 | 6/27-9/05 |         | 113847  | 34089 | 27830 | 447257 | Side-scan sonar                          | Escapement estimate   | ADF&G (1983a)         |
| Yentna Station                | 1983 | 6/30-9/05 |         | 104400  | 8900  | 10800 | 60700  | Side-scan sonar                          | Escapement estimate   | Barrett et al. (1984) |
| Yentna Station                | 1984 | 7/01-9/05 |         | 149400  | 18200 | 26500 | 369300 | Side-scan sonar                          | Escapement estimate   | Barrett et al. (1985) |
| 247-41-10200-2053-3020        |      |           |         |         |       |       |        |  |                       |                       |
| Kroto Slough                  |      |           |         |         |       |       |        |  |                       |                       |
| 247-41-10200-2053-3020-4029 * |      |           |         |         |       |       |        | Note - TYONEK C-2                        |                       |                       |
| Whitsol Creek *               | 1984 | 9/10      | 0       | 0       | 55    | 0     | 0      | Aerial count, helicopter - Good, TRM 0.0 |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 9/27      | 0       | 0       | 20    | 0     | 0      | Aerial count, helicopter - Good, TRM 0.0 |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 10/06     | 0       | 0       | 0     | 0     | 0      | Aerial count, helicopter - Good, TRM 0.0 |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 7/31      | 0       | 0       | 0     | 0     | 0      | Ground survey - Poor, TRM 0.0            |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 8/09      | 0       | 0       | 0     | 0     | 0      | Ground survey - Poor/Good, TRM 0.0       |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 8/19      | 0       | 0       | 0     | 0     | 0      | Ground survey - Poor, TRM 0.0            |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 8/25      | 0       | 0       | 0     | 0     | 0      | Ground survey - Poor, TRM 0.0            |                       | Barrett et al. (1985) |
| Whitsol Creek *               | 1984 | 9/20      | 0       | 0       | 30    | 0     | 0      | Ground survey - Fair, TRM 0.0            |                       | Barrett et al. (1985) |
| 247-41-10200-2053-3020-0010   |      |           |         |         |       |       |        |  |                       |                       |
| Whitsol Lake                  |      |           |         |         |       |       |        |  |                       |                       |
| 247-41-10200-2053-3020-4015   |      |           |         |         |       |       |        |  |                       |                       |
| Fish Creek                    | 1961 | 6/08      | 0       |         |       |       |        | Suspected aerial count                   | Kubik (1964)          |                       |
| Fish Creek                    | 1962 | 7/03      | 0       |         |       |       |        | Suspected aerial count                   | Kubik (1964)          |                       |
| Fish Creek                    | 1963 | 8/14      | 0       |         |       |       |        | Suspected aerial count                   | Kubik (1964)          |                       |
| Fish Creek                    | 1977 |           | 132     |         |       |       |        | Aerial count                             | Kubik & Wadman (1978) |                       |
| 247-41-10200-2053-3100        |      |           |         |         |       |       |        |  |                       |                       |
| Moose Creek                   | 1958 | 7/11      | 0       |         |       |       |        | Suspected aerial count                   | Kubik (1964)          |                       |
| Moose Creek                   | 1961 | 6/29      | 0       |         |       |       |        | Aerial count                             | Kubik (1964)          |                       |
| Moose Creek                   | 1962 | 7/05      | 0       |         |       |       |        | Aerial count                             | Kubik (1964)          |                       |
| Moose Creek                   | 1963 | 6/27      | 2       |         |       |       |        | Aerial count                             | Kubik (1964)          |                       |
| Moose Creek                   | 1965 |           | 28      |         |       |       |        | Aerial count                             | Kubik (1966)          |                       |
| 247-41-10200-2053-3150        |      |           |         |         |       |       |        |  |                       |                       |
| Kahiltna River                | 1958 | 7/23      | 0       |         |       |       |        | Suspected aerial count                   | Kubik (1964)          |                       |
| Kahiltna River                | 1961 | 6/17      | 0       |         |       |       |        | Aerial count                             | Kubik (1964)          |                       |
| Kahiltna River                | 1962 | 7/05      | 0       |         |       |       |        | Aerial count                             | Kubik (1964)          |                       |
| Kahiltna River                | 1963 | 7/04      | 0       |         |       |       |        | Aerial count                             | Kubik (1964)          |                       |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK  | SURVEY METHOD                        | COMMENTS                            | DATA SOURCE             |
|-----------------------------|------|------|---------|---------|------|------|-------|--------------------------------------|-------------------------------------|-------------------------|
| 247-41-10200-2053-3150-4060 |      |      |         |         |      |      |       |                                      |                                     |                         |
| Peters Creek                | 1962 | 8/14 | 3       |         |      |      |       | Aerial count                         |                                     | Kubik (1964)            |
|                             | 1963 | 6/25 | 0       |         |      |      |       | Aerial count                         |                                     | Kubik (1964)            |
|                             | 1965 | 7/27 | 101     |         |      |      |       | Aerial count                         |                                     | Kubik (1966)            |
|                             | 1972 |      | 95      |         |      |      |       | Aerial count                         |                                     | Kubik (1973)            |
|                             | 1973 |      | 59      |         |      |      |       | Ground survey                        |                                     | Kubik & Trent (1974)    |
|                             | 1974 |      | 124     |         |      |      |       | Aerial count                         |                                     | Kubik & Chlupach (1975) |
|                             | 1975 |      | 8       |         |      |      |       | Aerial count                         |                                     | Kubik & Riis (1976)     |
|                             | 1976 |      | 1489    |         |      |      |       | Aerial count                         |                                     | Kubik & Wadman (1977)   |
|                             | 1977 |      | 3042    |         |      |      |       | Aerial count                         |                                     | Kubik & Wadman (1978)   |
|                             | 1978 |      | 1130    |         |      |      |       | Aerial count                         |                                     | Kubik & Wadman (1979)   |
|                             | 1982 |      | 4000    |         | 1000 |      | 10000 |                                      |                                     | Kubik (pers. comm.)     |
|                             | 1983 | 7/14 | 2272    |         |      |      |       | Aerial count, helicopter - Excellent | Martin Creek included in this count | Barrett et al. (1984)   |
|                             | 1984 |      | 324     |         |      |      |       | Aerial count                         | Martin Creek included in this count | Hepler & Bentz (1985)   |

247-41-10200-2053-3150-4060-5012

247-41-10200-2053-3150-4060-5026

Kenny Creek

A86

247-41-10200-2053-3150-4060-5033

Martin Creek

|      |      |      |  |  |  |  |  |                                      |  |                         |
|------|------|------|--|--|--|--|--|--------------------------------------|--|-------------------------|
| Hist |      |      |  |  |  |  |  | Chinook present                      |  |                         |
| 1962 | 7/30 | 6    |  |  |  |  |  | Peak                                 |  | Kubik (1963)            |
| 1963 | 7/09 | 5    |  |  |  |  |  | Peak                                 |  | Kubik (1964)            |
| 1964 | 7/29 | 12   |  |  |  |  |  | Peak                                 |  | Kubik (1965)            |
| 1974 |      | 23   |  |  |  |  |  |                                      |  | Kubik & Chlupach (1975) |
| 1975 |      | 6    |  |  |  |  |  |                                      |  | Kubik & Riis (1976)     |
| 1976 |      | 791  |  |  |  |  |  |                                      |  | Kubik & Wadman (1977)   |
| 1977 |      | 1061 |  |  |  |  |  |                                      |  | Kubik & Wadman (1978)   |
| 1978 |      | 205  |  |  |  |  |  |                                      |  | Kubik & Wadman (1979)   |
| 1979 |      | 108  |  |  |  |  |  |                                      |  | Kubik & Delaney (1980)  |
| 1983 |      |      |  |  |  |  |  | Counts included in Peters Creek data |  | Hepler & Bentz (1984)   |
| 1984 |      |      |  |  |  |  |  | Counts included in Peters Creek data |  | Hepler & Bentz (1985)   |

247-41-10200-2053-3150-4060-5033-6006

247-41-10200-2053-3150-4060-5033-6009

Black Creek

247-41-10200-2053-3150-4060-5033-6010

247-41-10200-2053-3150-4060-5033-6015

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME           | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD          | COMMENTS  | DATA SOURCE           |
|---------------------------------------|------|------|---------|---------|------|------|------|------------------------|---|-----------------------|
| <b>Sand Creek</b>                     |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5033-6019 |      |      |         |         |      |      |      |                        |   |                       |
| South Fork Martin Creek               |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5033-6025 |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5033-6033 |      |      |         |         |      |      |      |                        |   |                       |
| String Creek                          |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5040      |      |      |         |         |      |      |      |                        |   |                       |
| Deep Creek                            |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5050      |      |      |         |         |      |      |      |                        |   |                       |
| Cottonwood Creek                      |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5050-6003 |      |      |         |         |      |      |      |                        |   |                       |
| Willow Creek                          |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4060-5067 *    | 1964 | 7/03 | 4       |         |      |      |      | Aerial count           | Note - TALK C-2   | Kubik (1965)          |
| Bird Creek *                          |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4080           |      |      |         |         |      |      |      |                        |   |                       |
| Bear Creek                            | 1962 | 7/23 | 9       |         |      |      |      | Aerial count           |   | Kubik (1963)          |
|                                       | 1963 | 7/09 | 13      |         |      |      |      | Aerial count           |   | Kubik (1964)          |
|                                       | 1964 | 7/29 | 4       |         |      |      |      | Aerial count           |   | Kubik (1965)          |
|                                       | 1972 |      | 12      |         |      |      |      | Aerial count           |   | Kubik (1973)          |
|                                       | 1976 |      | 15      |         |      |      |      | Aerial count           |   | Kubik & Wadman (1977) |
|                                       | 1977 |      | 298     |         |      |      |      | Aerial count           |   | Kubik & Wadman (1978) |
|                                       | 1982 |      | 100     |         |      |      | 5000 |                        |   | Kubik (pers. comm.)   |
|                                       |      |      |         |         |      |      |      |                        | Max. abundance estimate from several years observations |                       |
| 247-41-10200-2053-3150-4090           |      |      |         |         |      |      |      |                        |   |                       |
| Pickle Creek                          | 1982 |      | 100     |         |      |      | 5000 |                        |   | Kubik (pers. comm.)   |
| 247-41-10200-2053-3150-4090-5008      |      |      |         |         |      |      |      |                        |   |                       |
| Hungry May Creek                      | 1982 |      | 100     | 5000    |      |      |      |                        |   | Kubik (pers. comm.)   |
| 247-41-10200-2053-3150-4115           |      |      |         |         |      |      |      |                        |   |                       |
| Treasure Creek                        |      |      |         |         |      |      |      |                        |   |                       |
| 247-41-10200-2053-3150-4120           |      |      |         |         |      |      |      |                        |   |                       |
| Cache Creek                           | 1958 | 7/23 | 0       |         |      |      |      | Suspected aerial count |   | Kubik (1964)          |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME                        | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS   | DATA SOURCE           |
|--|------|------|---------|---------|------|------|------|--------------------------|--|-----------------------|
|  | 1962 | 7/23 | 4       |         |      |      |      | Aerial count             | Peak   | Kubik (1963)          |
|  | 1963 | 6/25 | 0       |         |      |      |      | Aerial count             | Peak   | Kubik (1964)          |
|  | 1976 |      | 61      |         |      |      |      | Aerial count             |  | Kubik & Wadman (1977) |
|  | 1977 |      | 100     |         |      |      |      | Aerial count             |  | Kubik & Wadman (1978) |
|  | 1982 |      |         |         | 2    | 68   |      |                          |  | Kubik (pers. comm.)   |
|  | 1983 |      |         | 497     |      |      |      | Aerial count             |  | Hepler & Bentz (1984) |
| 247-41-10200-2053-3150-4120-5017<br>Dollar Creek   |      |      |         |         |      |      |      |                          |  |                       |
| 247-41-10200-2053-3150-4120-5021<br>Falls Creek    |      |      |         |         |      |      |      |                          |  |                       |
| 247-41-10200-2053-3150-4120-5023                   |      |      |         |         |      |      |      |                          |  |                       |
| 247-41-10200-2053-3150-4120-5027<br>Nugget Creek   |      |      |         |         |      |      |      |                          |  |                       |
| 247-41-10200-2053-3150-4120-5032<br>Cache Creek    |      |      |         |         |      |      |      |                          |  |                       |
| ▲ 247-41-10200-2053-3150-4144 *<br>Granite Creek * | 1973 |      | 4       |         |      |      |      | Aerial count, fixed wing | Note - TALK B-3  | Watson (1974)         |
| 247-41-10200-2053-3170<br>Lake Creek               | Hist |      |         |         |      |      |      |                          |  |                       |
|  | 1961 | 6/27 | 60      |         |      |      |      | Aerial count             |  | Kubik (1964)          |
|  | 1962 | 7/12 | 10      |         |      |      |      | Aerial count             |  | Kubik (1963)          |
|  | 1963 | 6/21 | 4       |         |      |      |      | Aerial count             |  | Kubik (1964)          |
|  | 1964 |      | 45      |         |      |      |      | Aerial count             | Lake Creek mainstem count  | Kubik (1965)          |
|  | 1964 |      | 305     |         |      |      |      | Aerial count             | Lake Creek System (includes Camp, Sunflower, Yenlo, and Twin Cks.) | Kubik (1965)          |
|  | 1965 |      | 172     |         |      |      |      | Aerial count             | Lake Creek mainstem count  | Kubik (1967)          |
|  | 1965 |      | 0       |         |      |      |      | Aerial count             | Lake Creek System  | Kubik (1967)          |
|  | 1966 |      | 30      |         |      |      |      | Aerial count             | Lake Creek mainstem count  | Kubik (1967)          |
|  | 1966 |      | 147     |         |      |      |      | Aerial count             | Lake Creek System  | Kubik (1967)          |
|  | 1966 |      | 300     |         |      |      |      |                          | Total escapement estimate  | Kubik (1967)          |
|  | 1967 |      | 343     |         |      |      |      | Aerial count             | Lake Creek mainstem count  | Kubik (1968)          |
|  | 1967 |      | 723     |         |      |      |      | Aerial count             | Lake Creek System  | Kubik (1968)          |
|  | 1967 |      | 1000    |         |      |      |      |                          | Total escapement estimate  | Kubik (1968)          |
|  | 1968 |      | 362     |         |      |      |      | Aerial count             | Lake Creek mainstem count  | Kubik (1969)          |
|  | 1968 |      | 653     |         |      |      |      | Aerial count             | Lake Creek System  | Kubik (1969)          |
|  | 1968 |      | 1300    |         |      |      |      |                          | Total escapement estimate  | Kubik (1969)          |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM  | PINK   | SURVEY METHOD                        | COMMENTS  | DATA SOURCE              |
|-----------------------------|------|------|---------|---------|------|-------|--------|--------------------------------------|---|--------------------------|
|                             | 1969 |      | 304     |         |      |       |        | Aerial count                         | Lake Creek mainstem count                                     | Kubik (1970)             |
|                             | 1969 |      | 770     |         |      |       |        | Aerial count                         | Lake Creek System   | Kubik (1970)             |
|                             | 1969 |      | 1540    |         |      |       |        |                                      | Total escapement estimate                                     | Kubik (1970)             |
|                             | 1969 |      | 350     |         |      |       |        |                                      | Excellent observation - TRM 0.0-10.0                          | Stewart & Flagg (1969)   |
|                             | 1970 |      | 54      |         |      |       |        | Aerial count - Poor                  | Lake Creek mainstem count, high water                         | Kubik (1971)             |
|                             | 1970 | 7/26 | 189     |         |      |       | 70     |                                      |   | ADF&G (1982)             |
|                             | 1971 |      | 0       |         |      |       |        | Aerial count                         | Lake Creek mainstem count                                     | Kubik (1972)             |
|                             | 1971 |      | 119     |         |      |       |        | Aerial count                         | Includes Sunflower & Camp Ck                                  | Kubik (1972)             |
|                             | 1972 |      | 442     |         |      |       |        | Aerial count                         | Lake Creek mainstem count                                     | Kubik (1973)             |
|                             | 1972 |      | 920     |         |      |       |        | Aerial count                         | Lake Creek System   | Kubik (1973)             |
|                             | 1972 | 8/30 | 114     | 112     |      |       |        |                                      |   | ADF&G (1982)             |
|                             | 1973 |      | 761     |         |      |       |        | Aerial count/Ground survey           |   | Kubik & Trent (1974)     |
|                             | 1974 |      | 535     |         |      |       |        | Aerial count                         |   | Kubik & Chlupach (1975)  |
|                             | 1975 |      | 281     |         |      |       |        | Aerial count                         |   | Kubik & Riis (1976)      |
|                             | 1976 | 7/26 | 3735    |         |      |       |        | Aerial count                         |   | Kubik & Wadman (1977)    |
|                             | 1977 |      | 7391    |         |      |       |        | Aerial count                         |   | Kubik & Wadman (1978)    |
|                             | 1978 |      | 8931    |         |      |       |        | Aerial count                         |   | Kubik & Wadman (1979)    |
|                             | 1979 |      | 4196    |         |      |       |        | Aerial count                         |   | Kubik & Delaney (1980)   |
|                             | 1980 |      | 6000    | 5000    | 2500 | 15000 | 500000 |                                      |   | Kubik (pers. comm.)      |
|                             | 1981 | 7/30 | 169     |         |      |       |        | Aerial count, helicopter - Poor      | Camp Creek to Lake, partial count                             | ADF&G (1981)             |
|                             | 1982 |      | 3577    |         |      |       |        | Aerial count                         |   | Delaney & Hepler (1983)  |
|                             | 1982 | 8/02 | 2317    |         |      |       |        | Aerial count, helicopter - Good      |   | ADF&G (1983a)            |
|                             | 1983 | 7/26 | 7075    |         |      |       |        | Aerial count, helicopter - Excellent |   | Barrett et al. (1984)    |
| 247-41-10200-2053-3170-0010 |      |      |         |         |      |       |        |                                      |   |                          |
| Chelatna Lake               | 1972 |      | 57      |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1973 |      | 11      |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1974 |      | 0       |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1975 |      | 4       |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1975 | 8/29 | 50      |         |      |       |        |                                      |   | ADF&G (1982)             |
|                             | 1977 |      | 171     |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1978 |      | 0       |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1979 |      | 0       |         |      |       |        |                                      | Glacially occluded,Coffee & Snowslide                         | Tarbox & Sanders (1980)  |
|                             | 1980 | 8/29 | 4120    |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck.                           | Tarbox & Sanders (1980)  |
|                             | 1981 | 8/27 | 14500   |         |      |       |        |                                      | Includes Coffee Ck. & Snowslide Ck., includes 2,700 carcasses | Tarbox et al. (1983)     |
|                             | 1982 | 8/20 | 23180   |         |      |       |        |                                      | Includes 2,700 carcasses                                      | ADF&G (1985c)-YENONE,TAB |
|                             | 1983 | 8/25 | 520     |         |      |       |        |                                      |   | ADF&G (1985c)-YENONE,TAB |
|                             | 1984 | 8/08 | 575     |         |      |       |        |                                      |   | ADF&G (1985c)-YENONE,TAB |
|                             | 1984 | 8/15 | 341     |         |      |       |        |                                      |   | ADF&G (1985c)-YENONE,TAB |
|                             | 1984 | 8/26 | 41      |         |      |       |        |                                      |   | ADF&G (1985c)-YENONE,TAB |
| 247-41-10200-2053-3170-4027 |      |      |         |         |      |       |        |                                      |   |                          |
| Yenlo Creek                 | 1982 | 7/27 | 33      |         |      |       |        | Aerial count                         |   | Kubik (1983)             |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME           | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS                      | DATA SOURCE            |
|---------------------------------------|------|------|---------|---------|------|------|------|--------------------------------------|-------------------------------|------------------------|
|                                       | 1963 | 6/25 | 0       |         |      |      |      | Aerial count                         |                               | Kubik (1964)           |
|                                       | 1964 | 7/29 | 8       |         |      |      |      | Aerial count                         |                               | Kubik (1965)           |
|                                       | 1965 | 7/29 | 3       |         |      |      |      | Aerial count                         |                               | Kubik (1966)           |
|                                       | 1966 |      | 6       |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1969 |      | 28      |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1972 |      | 0       |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
| 247-41-10200-2053-3170-4039           |      |      |         |         |      |      |      |                                      |                               |                        |
| 247-41-10200-2053-3170-4039-5017      |      |      |         |         |      |      |      |                                      |                               |                        |
| 247-41-10200-2053-3170-4045           |      |      |         |         |      |      |      |                                      |                               |                        |
| Home Creek                            |      |      |         |         |      |      |      |                                      |                               |                        |
| 247-41-10200-2053-3170-4057           |      |      |         |         |      |      |      |                                      |                               |                        |
| Camp Creek                            | Hist |      |         |         |      |      |      |                                      |                               |                        |
|                                       | 1961 | 7/26 | 86      |         |      |      |      | Aerial count, fixed wing             | Max. count 101 chinook (1965) | Stefanich (1962)       |
|                                       | 1962 | 7/23 | 34      |         |      |      |      | Aerial count                         | Peak count                    | Kubik (1963)           |
|                                       | 1963 | 7/09 | 10      |         |      |      |      | Aerial count                         | Peak                          | Kubik (1964)           |
|                                       | 1964 | 7/29 | 94      |         |      |      |      | Aerial count                         |                               | Kubik (1965)           |
|                                       | 1965 | 7/30 | 101     |         |      |      |      | Aerial count                         |                               | Kubik (1966)           |
|                                       | 1966 |      | 68      |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1967 |      | 225     |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1968 |      | 129     |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1969 |      | 86      |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1969 |      | 0       |         |      |      |      |                                      | To early                      | Stewart & Flagg (1969) |
|                                       | 1970 |      | 47      |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1971 |      | 88      |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1972 |      | 126     |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1973 |      | 72      |         |      |      |      | Aerial count                         |                               | Kubik & Trent (1974)   |
|                                       | 1981 | 7/24 | 436     |         |      |      |      | Aerial count, helicopter - Fair      |                               | ADF&G (1981)           |
|                                       | 1982 | 8/02 | 517     |         |      |      |      | Aerial count, helicopter - Excellent |                               | ADF&G (1983a)          |
|                                       | 1983 | 7/29 | 1050    |         |      |      |      | Aerial count, helicopter - Excellent |                               | Barrett et al. (1984)  |
| 247-41-10200-2053-3170-4057-5011      |      |      |         |         |      |      |      |                                      |                               |                        |
| Mills Creek                           |      |      |         |         |      |      |      |                                      |                               |                        |
| 247-41-10200-2053-3170-4057-5011-6017 |      |      |         |         |      |      |      |                                      |                               |                        |
| Twin Creek                            |      |      |         |         |      |      |      |                                      |                               |                        |
|                                       | 1963 | 7/09 | 20      |         |      |      |      | Aerial count                         |                               | Kubik (1964)           |
|                                       | 1964 | 7/29 | 7       |         |      |      |      | Aerial count                         |                               | Kubik (1965)           |
|                                       | 1965 | 7/30 | 19      |         |      |      |      | Aerial count                         |                               | Kubik (1966)           |
|                                       | 1966 |      | 5       |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1969 |      | 56      |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |
|                                       | 1972 |      | 0       |         |      |      |      | Aerial count                         |                               | Kubik (1973)           |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME   | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD  | COMMENTS  | DATA SOURCE           |
|---|------|------|---------|---------|------|------|------|--|---|-----------------------|
| 247-41-10200-2053-3170-4067<br>Sunflower Creek<br>(Lake Creek Drainage) | Hist |      |         |         |      |      |      |  | Max. count 151 chinook (1964),<br>1 pink (1953) |                       |
|   | 1961 | 7/26 | 16      |         |      |      |      | Aerial count, fixed wing   |   | Stefanich (1962)      |
|   | 1962 | 7/23 | 19      |         |      |      |      | Aerial count   | Peak  | Kubik (1963)          |
|   | 1963 | 8/24 | 32      |         |      |      |      | Aerial count   |   | Kubik (1964)          |
|   | 1964 | 7/29 | 151     |         |      |      |      | Aerial count   |   | Kubik (1965)          |
|   | 1965 | 7/30 | 49      |         |      |      |      | Aerial count   |   | Kubik (1966)          |
|   | 1966 |      | 38      |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1967 |      | 155     |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1968 |      | 162     |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1969 |      | 296     |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1970 |      | 88      |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1971 |      | 31      |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1972 |      | 261     |         |      |      |      | Aerial count   |   | Kubik (1973)          |
|   | 1973 |      | 154     |         |      |      |      | Aerial count   |   | Kubik & Trent (1974)  |
|   | 1981 | 7/24 | 260     |         |      |      |      | Aerial count, helicopter - Fair  |   | ADF&G (1981)          |
|   | 1982 | 8/02 | 743     |         |      |      |      | Aerial count, helicopter - Excellent   |   | ADF&G (1983a)         |
|   | 1983 | 7/29 | 2250    |         |      |      |      | Aerial count, helicopter - Excellent   |   | Barrett et al. (1984) |
| A<br>247-41-10200-2053-3170-4080 *<br>Eagle Creek *                     | 1985 |      |         |         |      |      |      | Note - TALK C-3  | Davis (pers. comm.)                             |                       |
|   |      |      |         |         |      |      |      |  |   |                       |
| 247-41-10200-2053-3170-4088<br>Coffee Creek                             | Hist |      |         |         |      |      |      | Sockeye present  |   |                       |
|   | 1963 | 8/19 | 0       |         |      |      |      | Aerial count   | Kubik (1964)                                    |                       |
|   | 1972 | 8/29 |         | 254     |      |      |      | Ground survey  | Barrett (1973a)                                 |                       |
|   | 1972 | 8/30 |         | 24      |      |      |      | Ground survey  | Barrett (1973a)                                 |                       |
|   | 1973 | 9/06 | 0       | 0       | 0    | 0    | 0    | Ground survey  | Barrett (1973a)                                 |                       |
|   | 1974 | 9/06 | 0       | 0       | 0    | 0    | 0    | Ground survey  | Barrett (1975a)                                 |                       |
|   | 1975 | 8/30 |         | 70      |      |      |      |  | ADF&G (1982)                                    |                       |
|   | 1975 | 9/01 |         | 7       |      |      |      |  | ADF&G (1982)                                    |                       |
|   | 1975 |      |         | 0       |      |      |      | Ground survey  | Friese (1976a)                                  |                       |
|   | 1976 |      |         |         |      |      |      | Ground survey  | Friese (1976b)                                  |                       |
|   | 1977 | 8/27 |         | 231     |      |      |      |  | ADF&G (1982)                                    |                       |
|   | 1977 |      |         |         |      |      |      |  | Namtvedt et al. (1979)                          |                       |
|   | 1978 |      |         | 0       |      |      |      |  | Waltemyer et al. (1980)                         |                       |
|   | 1978 | 8/27 |         | 18      |      |      |      |  | Coffee Creek and Snowslide Creek                |                       |
| 247-41-10200-2053-3170-4093<br>Spring Creek *                           | Hist | 8/29 | 33      |         |      |      |      | Note - TALK C-4<br>Max. count 142 sockeye (1954)<br>Includes Snowslide Creek | Barrett (1973a)                                 |                       |
|   |      |      |         |         |      |      |      |  |   |                       |
|   |      |      |         |         |      |      |      |  |   |                       |

ADF&amp;G (1985c)-YENONE.TAB

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME         | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS   | DATA SOURCE                     |
|-------------------------------------|------|-----------|---------|---------|------|------|------|--------------------------|--|---------------------------------|
|                                     | 1973 | 9/06      |         | 11      |      |      |      | Foot survey              | Includes Snowslide Creek   | Barrett (1973a)                 |
|                                     | 1974 | 9/06      | 0       | 0       | 0    | 0    | 0    | Foot survey              | Includes Snowslide Creek   | Barrett (1975a)                 |
|                                     | 1975 | 9/01      |         | 4       |      |      |      |                          | Includes Snowslide Creek   | Friese (1976a)                  |
|                                     | 1976 |           |         | 0       |      |      |      | Foot survey              | Glacially occluded   | Friese (1976b)                  |
| 247-41-10200-2053-3170-4095 *       |      |           |         |         |      |      |      |                          | Note - Trib. of Cripple Creek, TALK C-4  |                                 |
| Snowslide Creek *                   | 1977 |           |         | 171     |      |      |      |                          | Referred to in previous reports as Spring Creek  | Namvedt et al. (1970)           |
|                                     | 1978 |           |         | 0       |      |      |      |                          | Referred to in previous reports as Spring Creek  | Waltemyer et al. (1980)         |
| 247-41-10200-2053-3170-4095-5019    |      |           |         |         |      |      |      |                          |  |                                 |
| Cripple Creek                       | 1975 | 8/23      |         | 427     |      |      |      |                          |  | ADF&G (1982)                    |
|                                     | 1975 | 8/30      |         | 48      |      |      |      |                          |  | ADF&G (1982)                    |
|                                     | 1976 | 8/23      |         | 438     |      |      |      |                          |  | ADF&G (1982)                    |
|                                     | 1976 | 9/02      | 24      | 428     |      |      |      |                          |  | ADF&G (1982)                    |
|                                     | 1977 | 9/12      | 0       | 0       | 0    | 0    | 0    |                          |  | ADF&G (1982)                    |
|                                     | 1979 | 8/26      | 0       | 0       | 0    | 0    | 0    |                          |  | ADF&G (1982)                    |
| 247-41-10200-2053-3180              |      |           |         |         |      |      |      |                          | Note - Also known as Quig Creek<br>(Barrett 1975, weir counts)<br>and Quig Creek (ADF&G, Soldatna) |                                 |
| A92<br>Fish Lake Creek / Quig Creek | 1965 | 7/30      | 53      |         |      |      |      | Aerial count             |  |                                 |
|                                     | 1974 | 7/30-8/14 |         | 1048    | 6    |      |      | 7 Weir count, Quig Creek | Partial estimate for sockeye & coho due to sampling dates  | Kubik (1966)<br>Barrett (1975b) |
|                                     | 1977 |           | 131     |         |      |      |      |                          |  | Kubik & Wadman (1978)           |
|                                     | 1978 |           | 66      |         |      |      |      |                          |  | Kubik & Wadman (1979)           |
|                                     | 1983 | 7/22      | 250     | 17500   |      |      |      |                          |  | Marcuson (pers. comm.)          |
| 247-41-10200-2053-3180-0010         |      |           |         |         |      |      |      |                          |  |                                 |
| Fish Lakes<br>(Fish Lake Creek)     | 1974 | Hist      |         |         |      |      |      |                          | Note - All Fish Lake data combined<br>(Fish Lake 0010 - 0050)                                      |                                 |
|                                     | 1974 |           |         |         |      |      |      |                          | Sockeye escapements exceeding 1,000 Escapement count (weir)  | Barrett (1975b)                 |
|                                     | 1981 |           | 200     |         | 500  |      |      |                          |  | Kubik (pers. comm.)             |
| 247-41-10200-2053-3180-0020         |      |           |         |         |      |      |      |                          |  |                                 |
| Fish Lakes<br>(Fish Lake Creek)     |      |           |         |         |      |      |      |                          | Note - See Fish Lakes (0010)   |                                 |
| 247-41-10200-2053-3180-0030         |      |           |         |         |      |      |      |                          |  |                                 |
| Fish Lakes<br>(Fish Lake Creek)     |      |           |         |         |      |      |      |                          | Note - See Fish Lakes (0010)   |                                 |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME                                    | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS   | DATA SOURCE     |
|--|------|-----------|---------|---------|------|------|------|-------------------------|--|-----------------|
| 247-41-10200-2053-3180-0040<br>Fish Lakes<br>(Fish Lake Creek) |      |           |         |         |      |      |      |                         | Note - See Fish Lakes (0010)   |                 |
| 247-41-10200-2053-3180-0050<br>Fish Lakes<br>(Fish Lake Creek) |      |           |         |         |      |      |      |                         | Note - See Fish Lakes (0010)   |                 |
| 247-41-10200-2053-3205<br>Skwentna River                       | Hist |           |         |         |      |      |      |                         |  |                 |
|  | 1958 | 6/12      | 0       |         |      |      |      |                         | Max. count 75 sockeye (1953)   |                 |
|  | 1976 | 8/26      |         | 150     | 20   | 1    | 140  |                         | Suspected aerial count   | Kubik (1964)    |
|  | 1977 | 9/01      |         | 450     |      |      |      |                         |  | ADFG (1982)     |
|  | 1978 | 8/29      |         | 308     |      |      |      |                         |  | ADFG (1982)     |
|  |      |           |         |         |      |      |      |                         |  | ADFG (1982)     |
| 247-41-10200-2053-3205-4027 *                                  |      |           |         |         |      |      |      |                         | Note - TYONEK D-4  |                 |
| Eight Mile Creek *   | 1961 | 6/17      | 0       |         |      |      |      |                         | Peak, suspected ground survey  | Kubik (1964)    |
|  | 1962 | 7/04      | 2       |         |      |      |      | Ground survey           | Peak   | Kubik (1963)    |
| 247-41-10200-2053-3205-4050<br>Shell Creek                     | Hist |           |         |         |      |      |      |                         | Significant numbers of sockeye                                       |                 |
|  | 1961 | 6/17      | 0       |         |      |      |      | Aerial count            |  | Kubik (1964)    |
|  | 1962 | 8/03      | 0       |         |      |      |      | Aerial count            |  | Kubik (1964)    |
|  | 1963 | 6/19      | 0       |         |      |      |      | Aerial count            |  | Kubik (1964)    |
|  | 1972 | 7/28      |         | 5000    |      |      |      | 5 Ground survey         |  | Barrett (1973a) |
|  | 1972 | 8/10      |         | 0       | 0    | 0    |      | 0 Ground survey         |  | Barrett (1973a) |
|  | 1972 | 8/18      |         | 0       | 0    | 0    |      | 0 Ground survey         |  | Barrett (1973a) |
|  | 1972 | 8/29      |         | 50      |      |      |      | Aerial count, Super Cub |  | Barrett (1973a) |
|  | 1973 | 7/15-8/14 | 0       | 26      | 0    | 0    | 26   | Weir count              | Weir site #1, estimates believed low due to low discharge and timing | Barrett (1973a) |
|  |      |           |         |         |      |      |      |                         |  |                 |
|  | 1973 | 9/14      |         | 200     |      |      |      | Aerial count, Super Cub |  | Barrett (1973a) |
|  | 1973 |           |         | 295     |      |      |      | Aerial count, Super Cub |  | Barrett (1973a) |
|  | 1974 | 8/26      |         | 35      | 15   |      |      | Aerial count, Super Cub |  | Barrett (1975a) |
|  | 1974 | 9/09      |         | 64      | 20   |      |      | Aerial count, Super Cub |  | Barrett (1975a) |
|  | 1974 | 10/03     |         | 0       | 0    | 0    | 0    | Aerial count, Super Cub |  | Barrett (1975a) |
|  | 1974 | 7/18-8/17 |         | 956     | 1    |      | 3    | Weir count              | Escapement count (Weir Sites #1 & #2)                                | Barrett (1975a) |
|  | 1975 | 8/29      |         | 0       | 0    | 0    | 0    | Aerial count, Super Cub |  | Friese (1976a)  |
|  | 1975 | 7/26-8/15 |         | 2027    |      | 2    | 76   | Weir count              | Escapement count (weir)  | Friese (1976a)  |
|  |      |           |         |         |      |      | 20   |                         |  | ADFG (1982)     |
|  | 1976 | 8/17      |         | 900     |      |      |      |                         |  | ADFG (1982)     |
|  | 1976 | 8/26      |         | 170     | 55   |      |      |                         |  | ADFG (1982)     |
|  | 1976 | 9/14      |         | 120     |      |      |      |                         |  | ADFG (1982)     |
|  | 1976 |           |         | 344     |      |      |      |                         |  | ADFG (1982)     |
|  | 1977 | 8/24      |         | 127     |      |      |      |                         | Peak survey count  | ADFG (1982)     |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME      | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS                      | DATA SOURCE                       |
|----------------------------------|------|-------|---------|---------|------|------|------|--------------------------|-------------------------------|-----------------------------------|
|                                  | 1979 | 9/07  |         | 1000    | 200  |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1981 | 9/04  |         | 5100    |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1983 | 9/06  |         | 12000   |      |      | 8    |                          | 12,000+ chinook               | Marcuson (pers. comm.)            |
|                                  | 1984 | 8/28  |         | 1500    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1984 | 9/04  |         | 6100    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
| 247-41-10200-2053-3205-4050-0010 |      |       |         |         |      |      |      |                          |                               |                                   |
| Shell Lake                       | Hist |       |         |         |      |      |      |                          | Significant number of sockeye |                                   |
|                                  | 1972 | 7/28  |         | 0       | 0    | 0    | 0    | Ground survey            |                               | Barrett (1973a)                   |
|                                  | 1972 | 8/29  |         | 640     |      |      |      | Aerial count, Super Cub  |                               | Barrett (1973a)                   |
|                                  | 1973 | 9/04  |         | 115     |      |      |      | Aerial count, Super Cub  |                               | Barrett (1973a)                   |
|                                  | 1973 |       |         | 295     |      |      |      | Aerial count, Super Cub  |                               | Barrett (1973a)                   |
|                                  | 1973 | 9/14  |         | 95      |      |      |      | Aerial count, Super Cub  |                               | Barrett (1973a)                   |
|                                  | 1974 | 8/26  |         | 0       | 0    | 0    | 0    | Aerial count, Super Cub  |                               | Barrett (1975a)                   |
|                                  | 1974 | 9/09  |         | 20      |      |      |      | Aerial count, Super Cub  |                               | Barrett (1975a)                   |
|                                  | 1974 | 10/03 |         | 5       |      |      |      | Aerial count, Super Cub  |                               | Barrett (1975a)                   |
|                                  | 1975 | 8/29  |         | 251     |      |      |      | Aerial count, Super Cub  |                               | Friese (1976a)                    |
|                                  | 1976 |       |         | 344     |      |      |      | Aerial count             |                               | Friese (1976b)                    |
|                                  | 1976 | 8/26  |         | 194     | 55   |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1976 | 9/14  |         | 309     |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1977 | 8/24  |         | 172     |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1977 | 8/26  |         | 194     |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1977 | 9/01  |         | 247     |      |      |      | Aerial count             |                               | Namtvedt et al. (1979)            |
|                                  | 1978 | 8/24  |         | 127     |      |      |      |                          |                               | Tarbox & Sanders (1980)           |
|                                  | 1979 |       |         | 1480    |      |      |      |                          |                               | Tarbox & Sanders (1980)           |
|                                  | 1979 | 9/07  |         | 480     |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1980 |       |         | 5800    |      |      |      |                          |                               | Tarbox & Sanders (1980)           |
|                                  | 1980 | 8/22  |         | 4800    |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1980 | 9/11  |         | 5500    |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1981 |       |         |         |      |      |      |                          |                               | Data combined into Lakes category |
|                                  | 1981 | 9/04  |         | 2500    |      |      |      |                          |                               | Shell Creek                       |
|                                  | 1981 | 9/04  |         | 2600    |      |      |      |                          |                               | Includes 100 carcasses            |
|                                  | 1981 | 9/08  |         | 6050    |      |      |      |                          |                               | Tarbox et al. (1983)              |
|                                  | 1981 | 9/08  |         | 3500    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1981 | 9/08  |         | 2550    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1981 | 10/02 |         | 3500    |      |      |      |                          |                               | ADF&G (1982)                      |
|                                  | 1982 | 8/23  |         | 51      |      |      |      | - Poor survey conditions |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1982 | 8/26  |         | 2725    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1982 | 8/27  |         | 3150    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1983 | 7/21  |         | 2810    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1984 | 8/28  |         | 4920    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |
|                                  | 1984 | 9/04  |         | 2500    |      |      |      |                          |                               | ADF&G (1985c)-YENONE,TAB          |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM  | PINK   | SURVEY METHOD            | COMMENTS  | DATA SOURCE             |
|-----------------------------|------|-----------|---------|---------|------|-------|--------|--------------------------|---|-------------------------|
| Talachulitna River          | Hist |           |         |         |      |       |        |                          | Max. count 52,900 sockeye (1962);<br>30,000 coho (1952); 1,522 chums<br>(1956) 1,000,000 pinks (1960)                 |                         |
|                             | 1958 | 6/25      | 0       |         |      |       |        | Aerial count, fixed wing | Suspected aerial count  | Kubik (1964)            |
|                             | 1961 | 6/29      | 32      |         |      |       |        |                          | Peak count  | Stefanich (1962)        |
|                             | 1962 | 7/27      | 78      |         |      |       |        | Aerial count             |   | Kubik (1963)            |
|                             | 1963 | 7/29      | 56      |         |      |       |        | Aerial count             |   | Kubik (1964)            |
|                             | 1964 | 7/28      | 95      |         |      |       |        | Aerial count             |   | Kubik (1965)            |
|                             | 1965 | 8/07      | 69      |         |      |       |        | Aerial count             |   | Kubik (1966)            |
|                             | 1966 |           | 15      |         |      |       |        | Aerial count             |   | Kubik (1967)            |
|                             | 1972 |           | 405     |         |      |       |        | Aerial count             |   | Kubik (1973)            |
|                             |      |           |         | 6501    |      |       |        | Aerial count             | Total count - entire drainage   | Friese (1976a)          |
|                             |      |           |         | 12362   |      |       |        | Aerial count             | Total count - entire drainage   | Friese (1976a)          |
|                             |      |           |         | 6816    |      |       |        | Aerial count             | Total count - entire drainage   | Friese (1976a)          |
|                             |      |           |         | 5105    |      |       |        | Aerial count             | Total count - entire drainage   | Friese (1976a)          |
|                             |      |           |         | 13210   |      |       |        | Aerial count             | Total count - entire drainage   | Namtvedt et al. (1979)  |
|                             |      |           |         | 25935   |      |       |        | Aerial count             | Total count - entire drainage   | Namtvedt et al. (1979)  |
|                             |      |           |         | 14308   |      |       |        | Aerial count             | Total count - entire drainage   | Waltemyer et al. (1980) |
|                             |      |           |         | 11696   |      |       |        | Aerial count             | Total count - entire drainage   | Tarbox et al. (1983)    |
|                             |      |           |         | 21125   |      |       |        | Aerial count             | Total count - entire drainage   | Tarbox et al. (1983)    |
|                             |      |           |         | 9926    |      |       |        | Aerial count             | Total count - entire drainage   | Tarbox et al. (1983)    |
|                             | 1972 | 7/10-8/14 | 405     | 15730   | 454  | 12783 | 202915 | Observation towers       | Tower 1 only, (7/10-7/17)<br>Tower 1 & 2, (7/18-8/14)   | Barrett (1973a)         |
|                             |      |           |         |         |      |       |        |                          | Barrett (1973a) doubted the accuracy<br>of the 1972 sockeye & chum estimates<br>due to possible species I.D. problems |                         |
|                             | 1972 | 9/16      |         | 30      |      |       |        | Aerial count, helicopter | Upper river   | Barrett (1973a)         |
|                             | 1972 |           | 405     |         |      |       |        | Observation tower        |   | Kubik & Trent (1974)    |
|                             | 1973 | 7/05      |         | 78      |      |       |        |                          | Upper river   | ADF&G (1982)            |
|                             | 1973 | 7/5-8/14  | 291     | 19727   | 8    | 707   | 92496  | Observation tower        | Tower 2 only,<br>Partial estimates for chinook & coho<br>due to timing of sampling                                    | Barrett (1973a)         |
|                             | 1973 |           |         |         |      |       | 50     | 6200                     | Spawners observed below Tower 2   | Barrett (1973a)         |
|                             | 1973 | 8/17      |         | 26      |      |       |        | Aerial count, helicopter | Talachulitna Lake   | Barrett (1973a)         |
|                             | 1973 | 8/17      |         | 510     |      |       |        | Aerial count, Super Cub  | Upper river   | Barrett (1973a)         |
|                             | 1973 | 9/05      |         | 231     |      |       |        | Aerial count, helicopter | Talachulitna Lake   | Barrett (1973a)         |
|                             | 1973 | 9/05      |         | 78      |      |       |        | Aerial count, helicopter | Upper river   | Barrett (1973a)         |
|                             | 1973 | 9/28      |         | 61      |      |       |        | Aerial count, helicopter | Talachulitna Lake   | Barrett (1973a)         |
|                             | 1973 | 9/28      |         | 65      | 6    | 10    |        | Aerial count, helicopter | Upper river   | Barrett (1973a)         |
|                             | 1973 |           | 333     |         |      |       |        | Observation tower        |   | Kubik & Trent (1974)    |
|                             | 1974 | 7/6-8/14  |         | 15976   | 193  | 415   | 50496  | Observation tower        | Tower 3,<br>Partial estimates for coho<br>due to timing of sampling   | Barrett (1975a)         |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME      | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK   | SURVEY METHOD                        | COMMENTS   | DATA SOURCE              |
|----------------------------------|------|-----------|---------|---------|------|------|--------|--------------------------------------|--|--------------------------|
|                                  | 1974 | 8/28      |         | 55      |      |      |        | Aerial count, helicopter             |  | Barrett (1975a)          |
|                                  | 1974 | 9/10      |         | 102     |      |      |        | Aerial count, helicopter             |  | Barrett (1975a)          |
|                                  | 1974 |           | 303     |         |      |      |        | Aerial count                         |  | Kubik & Chlupach (1975)  |
|                                  | 1975 | 8/06      |         | 86      |      |      |        |                                      |  | ADF&G (1982)             |
|                                  | 1975 | 8/29      |         | 95      |      |      |        |                                      |  | ADF&G (1982)             |
|                                  | 1975 | 8/29      |         | 150     |      |      |        |                                      |  | ADF&G (1982)             |
|                                  | 1975 |           | 120     |         |      |      |        | Aerial count                         | Upper river  | Kubik & Riis (1976)      |
|                                  | 1976 | 8/17      |         | 10249   |      |      | 30000  |                                      |  | ADF&G (1982)             |
|                                  | 1976 | 8/25      |         | 20550   |      |      |        |                                      | Includes Talachulitna Lake and<br>and Judd Spring #2   | ADF&G (1982)             |
|                                  | 1976 | 8/26      |         | 10553   |      |      |        |                                      | Included Judd Lake                                     | ADF&G (1982)             |
|                                  | 1976 |           | 1319    |         |      |      |        | Aerial count                         |  | Kubik & Madman (1977)    |
|                                  | 1977 |           | 1856    |         |      |      |        | Aerial count                         |  | Kubik & Madman (1978)    |
|                                  | 1978 |           | 1375    |         |      |      |        | Aerial count                         |  | Kubik & Madman (1979)    |
|                                  | 1979 |           | 1648    |         |      |      |        | Aerial count                         |  | Kubik & Delaney (1980)   |
|                                  | 1979 | 8/31      |         | 2699    |      |      |        |                                      |  | ADF&G (1982)             |
|                                  | 1981 | 7/29-7/30 |         | 2129    |      |      |        | Aerial count, helicopter             |  | ADF&G (1981)             |
|                                  | 1981 | 9/08      |         | 200     |      |      |        |                                      |  | ADF&G (1985c)-YENONE,TAB |
|                                  | 1981 | 10/02     |         | 35      |      |      |        |                                      |  | ADF&G (1985c)-YENONE,TAB |
|                                  | 1981 |           | 2025    |         |      |      |        | Aerial count                         |  | Hepier & Kubik (1982)    |
|                                  | 1982 | 8/01      |         | 3101    |      |      |        | Aerial count, helicopter - Excellent |  | ADF&G (1983a)            |
|                                  | 1982 | 8/23      |         | 1000    |      |      | 104000 |                                      | Upper river survey ,<br>includes 4,000 pinks carcasses | ADF&G (1985c)-YENONE,TAB |
|                                  | 1983 | 7/29      |         | 10014   |      |      |        | Aerial count, helicopter - Excellent |  | Barrett et al., (1984)   |
|                                  | 1983 | 8/27      |         | 1650    |      |      |        |                                      |  | ADF&G (1985c)-YENONE,TAB |
|                                  | 1984 | 8/28      |         | 250     |      |      | 6000   |                                      |  | ADF&G (1985c)-YENONE,TAB |
|                                  | 1984 | 9/04      |         |         |      |      | 600    |                                      |  | ADF&G (1985c)-YENONE,TAB |
|                                  | 1984 | 7/31      |         | 6138    |      |      |        | Aerial count, helicopter - Poor      |  | Barrett et al., (1985)   |
| 247-41-10200-2053-3205-4053-5009 |      |           |         |         |      |      |        |                                      |  |                          |
| 247-41-10200-2053-3205-4053-5028 |      |           |         |         |      |      |        |                                      |  |                          |
| Thursday Creek                   | 1961 | 6/17      | 0       |         |      |      |        | Aerial count                         |  | Kubik (1964)             |
|                                  | 1962 | 8/02      | 0       |         |      |      |        | Aerial count                         |  | Kubik (1964)             |
|                                  | 1963 | 8/14      | 0       |         |      |      |        | Aerial count                         |  | Kubik (1964)             |
| 247-41-10200-2053-3205-4053-5038 |      |           |         |         |      |      |        |                                      |  |                          |
| Deep Creek                       |      |           |         |         |      |      |        |                                      |  |                          |
| 247-41-10200-2053-3205-4053-5046 |      |           |         |         |      |      |        |                                      |  |                          |
| Friday Creek                     | 1961 | 7/06      | 0       |         |      |      |        | Aerial count                         |  | Kubik (1964)             |
|                                  | 1962 | 8/02      | 0       |         |      |      |        | Aerial count                         |  | Kubik (1964)             |
|                                  | 1963 | 8/14      | 0       |         |      |      |        | Aerial count                         |  | Kubik (1964)             |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME                             | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS   | DATA SOURCE              |
|---|------|-------|---------|---------|------|------|------|--------------------------|--|--------------------------|
|   | 1980 | 7/26  | 82      |         |      |      |      |                          |  | ADF&G (1982)             |
| 247-41-10200-2053-3205-4053-5046-6011<br>Saturday Creek |      |       |         |         |      |      |      |                          |  |                          |
| 247-41-10200-2053-3205-4053-5046-6020                   |      |       |         |         |      |      |      |                          |  |                          |
| 247-41-10200-2053-3205-4053-5053                        |      |       |         |         |      |      |      |                          |  |                          |
| 247-41-10200-2053-3205-4053-5066<br>Talachulitna Creek  | Hist |       |         |         |      |      |      |                          |  |                          |
|   | 1958 | 8/29  | 0       |         |      |      |      |                          | Max. count 1,199 sockeye (1956)  |                          |
|   | 1962 | 6/27  | 12      |         |      |      |      |                          | Suspected aerial count   | Kubik (1964)             |
|   | 1972 | 9/16  |         | 390     |      |      |      | Aerial count             | Peak   | Kubik (1963)             |
|   | 1973 | 8/17  |         | 270     |      |      |      | Aerial count, helicopter |  | Barrett (1973a)          |
|   | 1973 | 9/05  |         | 960     |      |      |      | Aerial count, Super Cub  |  | Barrett (1973a)          |
|   | 1973 | 9/28  |         | 1350    |      |      |      | Aerial count, helicopter |  | Barrett (1973a)          |
|   | 1974 | 8/28  |         | 74      |      |      |      | Aerial count, helicopter |  | Barrett (1975a)          |
|   | 1974 | 9/10  |         | 205     |      |      |      | Aerial count, helicopter |  | Barrett (1975a)          |
|   | 1975 | 8/29  |         | 86      |      |      |      | Aerial count, helicopter |  | ADF&G (1982)             |
|   | 1981 | 9/08  |         | 5025    |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1981 | 10/02 |         | 100     |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1982 | 8/23  |         | 6045    |      | 50   |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1983 | 7/21  |         |         |      |      |      |                          | Significant nos.of chinook & sockeye,<br>no counts   | Marcuson (pers. comm.)   |
|   | 1983 | 8/27  |         | 2200    |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 8/28  |         | 6000    |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 9/04  |         | 4430    |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3205-4053-5066-0010<br>Judd Lake      | Hist |       |         |         |      |      |      |                          |  |                          |
|   |      |       |         |         |      |      |      |                          | Max. counts 100,000 sockeye (1966),<br>10,062 pinks (1952), 56 chinook<br>(1963) and 370 chum (1952) |                          |
|   | 1970 | 9/01  |         | 600     |      |      |      |                          |  |                          |
|   | 1972 | 9/16  |         | 4900    |      |      |      | Aerial count, helicopter |  | Barrett (1973a)          |
|   | 1973 | 8/17  |         | 5350    |      |      |      | Aerial count, Super Cub  |  | Barrett (1973a)          |
|   | 1973 | 9/05  |         | 10364   |      |      |      | Aerial count, helicopter |  | Barrett (1973a)          |
|   | 1973 | 9/28  |         | 4225    |      |      |      | Aerial count, helicopter |  | Barrett (1973a)          |
|   | 1974 | 8/28  |         | 4050    |      |      |      | Aerial count, helicopter |  | Barrett (1975a)          |
|   | 1974 | 9/10  |         | 5675    |      |      |      | Aerial count, helicopter |  | Barrett (1975a)          |
|   | 1975 | 8/29  |         | 4720    |      |      |      |                          |  | ADF&G (1982)             |
|   | 1981 | 9/08  |         | 625     |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1981 | 10/02 |         | 1800    |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |
|   | 1983 | 8/27  |         | 440     |      |      |      |                          |  | ADF&G (1985c)-YENONE.TAB |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME                                | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS  | DATA SOURCE              |
|--|------|-------|---------|---------|------|------|------|--------------------------|---|--------------------------|
|  | 1984 | 8/28  |         | 12500   |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
|  | 1984 | 9/04  |         | 18104   |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
| (No location code assigned)<br>Judd Springs                |      |       |         |         |      |      |      |                          | Note - TYONEK C-5, located in the marshy area on the western shore of Judd Lake, no map of its location found | Davis (pers. comm.)      |
|  | 1981 | 10/02 |         | 3000    |      |      |      |                          | Includes 500 carcasses  | ADF&G (1985c)-YENONE,TAB |
|  | 1982 | 8/23  |         | 200     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
| (No location code assigned)<br>North Judd Springs          |      |       |         |         |      |      |      |                          | Note - TYONEK C-5, located in the marshy area on the western shore of Judd Lake, no map of its location found | Davis (pers. comm.)      |
|  | 1981 | 9/08  |         | 1000    |      |      |      |                          | Carcass count   | ADF&G (1985c)-YENONE,TAB |
|  | 1981 | 10/02 |         | 200     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
|  | 1982 | 8/23  |         | 400     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
| (No location code assigned)<br>South Judd Springs          |      |       |         |         |      |      |      |                          | Note - TYONEK C-5, located in the marshy area on the western shore of Judd Lake, no map of its location found | Davis (pers. comm.)      |
|  | 1981 | 9/08  |         | 1000    |      |      |      |                          | Carcass count   | ADF&G (1985c)-YENONE,TAB |
|  | 1981 | 10/02 |         | 200     |      |      |      |                          | Carcass count   | ADF&G (1985c)-YENONE,TAB |
|  | 1982 | 8/23  |         | 800     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
| 247-41-10200-2053-3205-4053-5066-0020<br>Talachulitna Lake | 1973 | 8/17  |         | 26      |      |      |      | Aerial count, Super Cub  |   | Barrett (1973a)          |
|  | 1973 | 9/05  |         | 231     |      |      |      | Aerial count, helicopter |   | Barrett (1973a)          |
|  | 1973 | 9/28  |         | 61      |      |      |      | Aerial count, helicopter |   | Barrett (1973a)          |
|  | 1981 | 10/02 |         | 75      | 25   |      |      |                          | Includes 25 sockeye carcasses   | ADF&G (1985c)-YENONE,TAB |
|  | 1981 | 9/08  |         | 101     |      |      |      |                          | Includes 1 carcass  | ADF&G (1985c)-YENONE,TAB |
|  | 1982 | 8/23  |         | 125     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
|  | 1983 | 8/27  |         | 550     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
|  | 1984 | 8/28  |         | 600     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
|  | 1984 | 9/04  |         | 700     |      |      |      |                          |   | ADF&G (1985c)-YENONE,TAB |
| 247-41-10200-2053-3205-4053-5066-6012<br>Trinity Creek *   | 1961 | 7/10  | 0       |         |      |      |      | Aerial count             |   | Kubik (1964)             |
|  | 1962 | 8/02  | 0       |         |      |      |      | Aerial count             |   | Kubik (1964)             |
| 247-41-10200-2053-3205-4053-5066-6012-0010<br>Trinity Lake | Hist |       |         |         |      |      |      |                          | Max. counts 417 sockeye (1957),   |                          |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME   | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS                          | DATA SOURCE              |
|---|------|-------|---------|---------|------|------|------|--------------------------|-----------------------------------|--------------------------|
|   | 1972 | 8/18  |         | 350     |      |      |      | Ground survey            | 6,000 pinks (1962)                |                          |
|   | 1973 | 9/14  |         | 75      |      |      |      |                          | Trinity Creek                     | Barrett (1973a)          |
|   | 1974 | 8/26  |         | 0       |      |      |      |                          | Includes Movie Lake count         | Tarbox & Sanders (1980)  |
|   | 1974 | 9/09  |         | 0       |      |      |      | Aerial count, Super Cub  |                                   | Barrett (1975a)          |
|   | 1974 | 10/03 |         | 0       |      |      |      | Aerial count, Super Cub  |                                   | Barrett (1975a)          |
|   | 1975 |       |         | 0       |      |      |      | Aerial count, Super Cub  |                                   | Friese (1976a)           |
|   | 1976 | 9/14  |         | 42      |      |      |      | Aerial count, Super Cub  |                                   | Friese (1976b)           |
|   | 1977 | 8/25  |         | 148     |      |      |      |                          |                                   | ADF&G (1982)             |
|   | 1977 | 9/01  |         | 186     |      |      |      | Aerial count             |                                   | Tarbox & Sanders (1980)  |
|   | 1978 | 8/26  |         | 140     | 20   |      |      |                          |                                   | ADF&G (1982)             |
|   | 1978 |       |         | 150     |      |      |      | Aerial count             |                                   | Tarbox & Sanders (1980)  |
|   | 1979 | 9/07  |         | 195     |      |      |      |                          |                                   | Tarbox & Sanders (1980)  |
|   | 1980 | 8/22  |         | 50      |      |      |      |                          |                                   | ADF&G (1982)             |
|   | 1980 | 9/11  |         | 200     |      |      |      |                          |                                   | Tarbox & Sanders (1980)  |
|   | 1981 | 9/04  |         | 500     |      |      |      |                          |                                   | Tarbox et al. (1983)     |
|   | 1982 |       |         | 138     |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
|   | 1983 | 8/27  |         | 230     |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 8/28  |         | 280     |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3205-4053-5066-6012-0020<br>Movie Lake            | 1983 | 8/27  |         | 30      |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 8/28  |         | 640     |      |      |      |                          | Includes 200 fish at stream mouth | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3205-4053-5066-6026                               |      |       |         |         |      |      |      |                          |                                   |                          |
| 247-41-10200-2053-3205-4053-5066-6034<br>Judd Springs #2 *          | Hist |       |         |         |      |      |      |                          | Max. count 2,858 sockeye (1956)   |                          |
|   | 1972 | 9/16  |         | 180     |      |      |      | Aerial count, helicopter |                                   | Barrett (1973a)          |
|   | 1973 | 8/17  | 0       | 0       | 0    | 0    | 0    | Aerial count, Super Cub  |                                   | Barrett (1973a)          |
|   | 1973 | 9/05  |         | 335     |      |      |      | Aerial count, helicopter |                                   | Barrett (1973a)          |
|   | 1973 | 9/28  |         | 75      |      |      |      | Aerial count, helicopter |                                   | Barrett (1973a)          |
|   | 1974 | 8/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter |                                   | Barrett (1975a)          |
|   | 1974 | 9/10  |         | 82      |      |      |      | Aerial count, helicopter |                                   | Barrett (1975a)          |
|   | 1975 | 8/29  | 0       | 0       | 0    | 0    | 0    |                          |                                   | ADF&G (1982)             |
|   | 1983 | 8/27  |         | 3900    |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3205-4053-5066-6045<br>Upper Talachulitna Creek * | 1981 | 9/08  |         | 175     |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
|   | 1981 | 10/02 |         | 25      | 100  |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
|   | 1982 | 8/23  |         | 990     |      |      |      |                          |                                   | ADF&G (1985c)-YENONE.TAB |
|   | 1983 | 8/27  |         | 850     |      |      |      |                          | Includes 90 carcasses             | ADF&G (1985c)-YENONE.TAB |

Appendix Table 1-2 (Continued).

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME        | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS                                 | DATA SOURCE               |
|------------------------------------|------|------|---------|---------|------|------|------|-------------------------|--|---------------------------|
| 247-41-10200-2053-3205-4077-5023 * |      |      |         |         |      |      |      |                         | Note - TYONEK D-6, north of Dickason Mt. |                           |
| Dickason Creek *                   | 1977 |      | 4       |         |      |      |      | Aerial count            |  | Kubik & Wadman (1978)     |
|                                    | 1982 |      |         |         |      |      |      |                         | Chinook and pink present                 | Kubik (pers. comm.)       |
| 247-41-10200-2053-3205-4078        |      |      |         |         |      |      |      |                         |  |                           |
| 247-41-10200-2053-3205-4082        |      |      |         |         |      |      |      |                         |  |                           |
| 247-41-10200-2053-3205-4082-5003   |      |      |         |         |      |      |      |                         |  |                           |
| 247-41-10200-2053-3205-4099        |      |      |         |         |      |      |      |                         |  |                           |
| 247-41-10200-2053-3205-4099-0010   |      |      |         |         |      |      |      |                         |  |                           |
| Red Salmon Lake                    | 1973 | 9/14 |         | 250     |      |      |      | Aerial count, Super Cub | Peak survey count                        | Barrett (1973a)           |
|                                    | 1974 | 9/09 |         | 160     |      |      |      | Aerial count, Super Cub | Peak survey count                        | Barrett (1975a)           |
|                                    | 1975 | 8/29 |         | 142     |      |      |      | Aerial count, Super Cub | Peak survey count                        | Friese (1976a)            |
|                                    | 1976 | 9/02 |         | 376     | 40   |      |      | Aerial count, Super Cub |  | Friese (1976b)            |
|                                    | 1976 | 9/14 |         | 35      |      |      |      |                         |  | ADFG&G (1982)             |
|                                    | 1977 | 8/24 |         | 150     | 1    |      |      |                         |  | ADFG&G (1982)             |
|                                    | 1977 | 9/01 |         | 372     |      |      |      | Aerial count            | Peak survey count                        | Namtvedt et al. (1979)    |
|                                    | 1978 | 8/09 |         | 200     |      |      |      |                         |  | ADFG&G (1982)             |
|                                    | 1978 | 8/24 |         | 235     |      |      |      |                         |  | Waltemyer et al. (1980)   |
|                                    | 1978 | 8/24 |         |         |      | 230  |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1979 |      |         | 480     |      |      |      |                         |  | Tarbox & Sanders (1980)   |
|                                    | 1980 | 8/22 |         | 1100    |      |      |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1980 | 8/22 |         |         |      |      |      |                         |  | Tarbox et al. (1983)      |
|                                    | 1981 | 9/04 |         | 1212    |      |      |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1982 | 8/26 |         | 1000    |      |      |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1983 | 7/22 |         | 63      |      |      |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1983 | 8/25 |         | 150     |      |      |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1984 | 8/08 |         | 100     |      | 800  |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1984 | 8/15 |         | 142     |      | 725  |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
|                                    | 1984 | 8/26 |         | 470     |      | 1050 |      |                         |  | ADFG&G (1985c)-YENDNE.TAB |
| 247-41-10200-2053-3205-4112        |      |      |         |         |      |      |      |                         |  |                           |
| Happy River                        | 1982 |      |         |         |      |      |      |                         | Chinook and pink present                 | Kubik (pers. comm.)       |
| 247-41-10200-2053-3205-4112-5037   |      |      |         |         |      |      |      |                         |  |                           |
| Canyon Creek<br>(Happy River)      | 1982 |      |         |         |      |      |      |                         | Pinks present                            | Kubik (pers. comm.)       |
| 247-41-10200-2053-3205-4112-5045   |      |      |         |         |      |      |      |                         |  |                           |
| Squaw Creek                        | 1973 | 10   |         |         |      |      |      | Aerial count            |  | Kubik & Trent (1974)      |

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Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME           | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD | COMMENTS  | DATA SOURCE             |
|---------------------------------------|------|------|---------|---------|------|------|------|---------------|---|-------------------------|
| 247-41-10200-2053-3205-4112-5045-0010 |      |      |         |         |      |      |      |               |   |                         |
| Puntilla Lake                         | 1977 | 8/24 |         | 2100    |      |      |      | Aerial count  |   | Namvedt et al. (1979)   |
|                                       | 1978 | 8/24 |         | 1105    |      |      |      | Aerial count  |   | Waltemyer et al. (1980) |
|                                       | 1979 | 8/26 |         | 90      |      |      |      |               |   | Farbox & Sanders (1980) |
|                                       | 1980 | 8/22 |         | 550     |      |      |      |               |   | Tarbox & Sanders (1980) |
|                                       | 1981 |      |         | 200     |      |      |      |               |   | Tarbox et al. (1983)    |
| 247-41-10200-2053-3205-4112-5049      |      |      |         |         |      |      |      |               |   |                         |
| Indian Creek                          | 1958 | 8/14 | 225     |         |      |      |      |               | Suspected aerial count  | Kubik (1964)            |
|                                       | 1982 |      |         |         |      |      |      |               | Chinook and chum present                                      | Kubik (pers. comm.)     |
| 247-41-10200-2053-3205-4112-5050 *    |      |      |         |         |      |      |      |               | Note - TALK A-6   |                         |
| Moose Creek *                         | 1982 |      |         | 600     |      |      |      |               |   | Kubik (pers. comm.)     |
| 247-41-10200-2053-3205-4130 *         |      |      |         |         |      |      |      |               | Note - TYONEK D-7   |                         |
| Portage Creek *                       | 1958 | 7/07 | 2       |         |      |      |      |               | Suspected aerial count  | Kubik (1964)            |
| (Skwentna River)                      |      |      |         |         |      |      |      |               |   |                         |
| 247-41-10200-2053-3205-4282 *         |      |      |         |         |      |      |      |               | Note - TYONEK C-8   |                         |
| Crystal Creek *                       | 1972 | 8/29 | 33      |         |      |      |      |               |   | ADF&G (1982)            |
|                                       | 1972 | 9/06 | 11      |         |      |      |      |               |   | ADF&G (1982)            |
| 247-41-10200-2053-3213                |      |      |         |         |      |      |      |               |   |                         |
| Hewitt Creek                          | Hist |      |         |         |      |      |      |               | Sockeye, pink, chinook present,<br>max. count 312 coho (1954) |                         |
|                                       | 1962 | 8/02 | 0       |         |      |      |      | Aerial count  |   | Kubik (1964)            |
|                                       | 1972 | 8/23 |         | 137     |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                       | 1973 | 8/18 |         | 29      |      |      |      | Boat survey   |   | Barrett (1973a)         |
|                                       | 1973 | 8/29 |         | 49      |      |      |      | Boat survey   |   | Barrett (1973a)         |
|                                       | 1973 | 9/12 |         | 67      |      |      |      | Boat survey   |   | Barrett (1973a)         |
|                                       | 1974 | 8/27 |         | 94      |      |      |      | Boat survey   |   | Barrett (1975a)         |
|                                       | 1974 | 9/09 |         | 78      |      |      |      | Boat survey   |   | Barrett (1975a)         |
|                                       | 1974 | 9/18 |         | 32      |      |      |      | Boat survey   |   | Barrett (1975a)         |
|                                       | 1975 | 8/25 |         | 30      |      |      |      | Boat survey   |   | Friese (1976a)          |
|                                       | 1975 | 9/03 |         | 30      |      |      |      | Boat survey   |   | Friese (1976a)          |
|                                       | 1976 | 8/26 |         | 17      |      |      |      | Boat survey   |   | Friese (1976b)          |
|                                       | 1976 | 9/19 |         | 236     |      |      |      | Boat survey   |   | Friese (1976b)          |
|                                       | 1977 | 8/28 |         | 14      |      |      |      |               | Combined with Whiskey Lake                                    | ADF&G (1982)            |
|                                       | 1977 |      |         | 8       |      |      |      |               |   | Naetvedt et al. (1979)  |
|                                       | 1978 | 8/29 |         | 93      |      |      |      |               |   | Waltemyer et al. (1980) |
|                                       | 1979 | 9/07 |         | 40      |      |      |      |               |   | ADF&G (1982)            |
|                                       | 1979 | 8/26 |         | 20      |      |      |      |               |   | ADF&G (1982)            |
|                                       | 1980 | 8/22 |         | 50      |      |      |      |               |   | ADF&G (1982)            |
|                                       | 1980 | 9/11 |         | 50      | 50   |      |      |               |   | ADF&G (1982)            |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME                 | YEAR | DATE | CHINOOK | Sockeye | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS  | DATA SOURCE              |
|---|------|------|---------|---------|------|------|------|-------------------------|---|--------------------------|
|   | 1982 |      |         |         |      |      |      |                         | Chinook and pink present  | Kubik (pers. comm.)      |
|   | 1983 | 7/22 | 0       | 0       | 0    | 0    | 0    |                         | Cook Inlet Aquaculture Association  | Marcuson (pers. comm.)   |
|   | 1984 | 8/28 |         | 44      |      |      |      |                         |   | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 9/04 |         | 262     |      |      |      |                         |   | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3213-0010<br>Whiskey Lake | Hist |      |         |         |      |      |      |                         | Max. count 1,000 sockeye (1953)   |                          |
|   | 1972 | 8/29 |         | 20      |      |      |      | Aerial count, Super Cub |   | Barrett (1973a)          |
|   | 1973 | 9/11 |         | 1       |      |      |      | Boat survey             |   | Barrett (1973a)          |
|   | 1974 | 8/26 |         | 49      |      |      |      | Boat survey             |   | Barrett (1975a)          |
|   | 1974 | 9/09 |         | 216     |      |      |      | Boat survey             |   | Barrett (1975a)          |
|   | 1974 | 9/18 |         | 118     |      |      |      | Boat survey             |   | Barrett (1975a)          |
|   | 1975 | 9/03 |         | 62      |      |      |      | Boat survey             |   | Friese (1976a)           |
|   | 1976 | 8/26 |         | 150     |      |      |      | Boat survey             |   | Friese (1976b)           |
|   | 1976 |      |         | 17      |      |      |      | Boat survey             |   | Friese (1976b)           |
|   | 1977 |      |         | 0       |      |      |      |                         |   | Namtvedt et al. (1979)   |
|   | 1978 |      |         | 221     |      |      |      |                         |   | Waltemyer et al. (1980)  |
|   | 1978 | 8/28 |         | 8       |      |      |      |                         |   | ADF&G (1982)             |
|   | 1978 | 9/28 |         | 192     | 2    |      |      |                         |   | ADF&G (1982)             |
|   | 1979 |      |         | 221     |      |      |      |                         | Peak survey count   | ADF&G (1982)             |
|   | 1979 | 8/26 |         | 190     |      |      |      |                         |   | ADF&G (1982)             |
|   | 1979 | 9/07 |         | 110     |      |      |      |                         |   | ADF&G (1982)             |
|   | 1980 | 8/22 |         | 425     |      |      |      |                         |   | ADF&G (1982)             |
|   | 1980 | 9/11 |         | 300     |      |      |      |                         | Sport fish harvest  | ADF&G (1982)             |
|   | 1983 | 8/27 |         | 2425    |      |      |      |                         |   | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 8/28 |         | 1520    |      |      |      |                         |   | ADF&G (1985c)-YENONE.TAB |
|   | 1984 | 9/04 |         | 4301    |      |      |      |                         |   | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3213-4063 *               |      |      |         |         |      |      |      |                         | Note - not on USGS maps, overgrown,<br>not surveyed in '84 or '85<br>TYONEK D-4 |                          |
| Christmas Tree Creek *                      | Hist |      |         |         |      |      |      |                         | Sockeye present   |                          |
|   | 1972 | 8/29 |         | 50      |      |      |      | Aerial count, Super Cub |   | Barrett (1973a)          |
|   | 1973 | 8/17 |         | 0       |      |      |      | Boat survey             |   | Barrett (1973a)          |
|   | 1973 | 8/28 |         | 29      |      |      |      | Boat survey             |   | Barrett (1973a)          |
|   | 1973 | 9/11 |         | 40      |      |      |      | Boat survey             |   | Barrett (1973a)          |
|   | 1974 | 8/26 |         | 49      |      |      |      | Boat survey             |   | Barrett (1975a)          |
|   | 1974 | 9/09 |         | 56      |      |      |      | Boat survey             |   | Barrett (1975a)          |
|   | 1974 | 9/18 |         | 80      |      |      |      | Boat survey             |   | Barrett (1975a)          |
|   | 1975 | 8/24 |         | 84      |      |      |      | Boat survey             |   | Friese (1976a)           |
|   | 1975 | 9/03 |         | 55      |      |      |      | Boat survey             |   | Friese (1976a)           |
|   | 1976 | 8/26 |         | 56      |      |      |      | Boat survey             |   | Friese (1976b)           |
|   | 1976 | 9/09 |         | 54      |      |      |      |                         |   | ADF&G (1982)             |

Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME      | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS  | DATA SOURCE              |
|----------------------------------|------|------|---------|---------|------|------|------|-------------------------|---|--------------------------|
|                                  | 1977 | 8/28 |         | 30      |      |      |      |                         |   | Namtvedt et al. (1979)   |
|                                  | 1978 |      |         | 67      |      |      |      |                         |   | Waltemeyer et al. (1980) |
|                                  | 1980 | 8/22 |         | 0       |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1980 | 9/11 |         | 50      |      |      |      |                         |   | ADF&G (1982)             |
| 247-41-10200-2053-3213-4066 *    |      |      |         |         |      |      |      |                         | Note - called Whiskey Creek in '84 -<br>'85 surveys TYONEK D-4<br>Max. count 434 sockeye (1953) |                          |
| Huckleberry Creek *              | Hist |      |         |         |      |      |      |                         |   |                          |
|                                  | 1972 | 8/23 | 1       |         |      |      |      | Ground survey           |   | Barrett (1973a)          |
|                                  | 1973 | 8/17 |         | 110     |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1973 | 8/28 |         | 389     |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1973 | 9/11 |         | 511     |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1974 | 8/27 |         | 79      |      |      |      | Boat survey             |   | Barrett (1975a)          |
|                                  | 1974 | 9/18 |         | 129     |      |      |      | Boat survey             |   | Barrett (1975a)          |
|                                  | 1974 | 9/19 |         | 369     |      |      |      | Boat survey             |   | Barrett (1975a)          |
|                                  | 1975 | 8/29 | 328     |         |      |      |      | Boat survey             |   | Friese (1976a)           |
|                                  | 1975 | 9/03 |         | 263     |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1976 |      |         | 182     |      |      |      | Boat survey             | Peak survey count   | Friese (1976b)           |
|                                  | 1977 |      |         | 25      |      |      |      |                         | Peak survey count   | Namtvedt et al. (1979)   |
|                                  | 1978 |      |         | 23      |      |      |      |                         |   | Waltemeyer et al. (1980) |
|                                  | 1978 | 8/29 | 311     |         |      |      |      |                         | Combined with Whiskey Lake count  | ADF&G (1982)             |
|                                  | 1979 | 8/26 | 500     |         |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1980 | 8/22 | 1000    |         |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1980 | 9/11 | 1750    |         |      |      |      |                         |   | ADF&G (1982)             |
| 247-41-10200-2053-3213-4050      |      |      |         |         |      |      |      |                         |   |                          |
| 247-41-10200-2053-3213-4050-0010 | Hist |      |         |         |      |      |      |                         | Max. count 3060 sockeye (1956)  |                          |
| Hewitt Lake                      |      |      |         |         |      |      |      |                         |   |                          |
|                                  | 1972 | 8/23 | 990     |         |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1972 | 8/29 | 290     |         |      |      |      | Aerial count, Super Cub |   | Barrett (1973a)          |
|                                  | 1973 | 8/29 | 134     |         |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1973 | 9/12 | 453     |         |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1973 | 8/18 | 69      |         |      |      |      | Boat survey             |   | Barrett (1973a)          |
|                                  | 1974 | 8/27 | 151     |         |      |      |      | Boat survey             |   | Barrett (1975a)          |
|                                  | 1974 | 9/10 | 204     |         |      |      |      | Boat survey             |   | Barrett (1975a)          |
|                                  | 1974 | 9/18 | 288     |         |      |      |      | Boat survey             |   | Barrett (1975a)          |
|                                  | 1975 | 8/25 | 113     |         |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1975 | 9/04 | 247     |         |      |      |      | Boat survey             |   | Friese (1976a)           |
|                                  | 1976 | 8/26 | 419     |         |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1976 | 9/10 | 1984    |         |      |      |      |                         |   | ADF&G (1982)             |
|                                  | 1976 |      |         | 2017    |      |      |      | Boat survey             | Peak survey count   | Friese (1976b)           |
|                                  | 1977 | 8/29 | 729     |         |      |      | 1    |                         | Pink data source unknown  | Namtvedt et al. (1979)   |

Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME                           | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                                       | COMMENTS                      | DATA SOURCE              |
|---|------|-------|---------|---------|------|------|------|---|-------------------------------|--------------------------|
|   | 1978 |       | 1594    |         |      |      |      | Peak survey count                                   |                               | Waltemyer et al. (1980)  |
|   | 1978 | 8/29  |         | 225     |      |      |      |   |                               | ADF&G (1982)             |
|   | 1979 | 8/26  |         | 275     |      |      |      |   |                               | ADF&G (1982)             |
|   | 1979 | 9/07  |         | 415     |      |      |      |   |                               | ADF&G (1982)             |
|   | 1980 | 8/22  |         | 1205    |      |      |      | Hewitt & Whiskey Lakes combined                     |                               | Tarbox et al. (1983)     |
|   | 1980 | 9/11  |         | 1100    |      |      |      |   |                               | ADF&G (1982)             |
|   | 1981 | 9/04  |         | 3250    |      |      |      | Hewitt and Whiskey Lakes combined                   |                               | Tarbox et al. (1983)     |
|   | 1981 | 10/02 |         | 9850    |      |      |      | Hewitt and Whiskey Lakes combined,<br>60% carcasses |                               | Tarbox et al. (1983)     |
|   | 1984 | 8/28  |         | 1756    |      |      |      | Hewitt and Whiskey Lakes combined                   |                               | ADF&G (1985c)-YENONE,TAB |
|   | 1984 | 9/04  |         | 6593    |      |      |      | Hewitt and Whiskey Lakes combined                   |                               | ADF&G (1985c)-YENONE,TAB |
| 247-41-10200-2053-3220<br>Donkey Creek Slough         |      |       |         |         |      |      |      |   |                               |                          |
| 247-41-10200-2053-3220-4030<br>Donkey Creek           | 1963 | 7/06  | 0       |         |      |      |      | Aerial count  |                               | Kubik (1964)             |
|   | 1973 |       | 25      |         |      |      |      | Aerial count  |                               | Kubik & Trent (1974)     |
|   | 1977 |       | 159     |         |      |      |      | Aerial count  |                               | Kubik & Wadman (1978)    |
|   | 1978 |       | 163     |         |      |      |      | Aerial count  |                               | Kubik & Wadman (1979)    |
|   | 1982 |       | 100     | 1000    |      |      | 5000 |   |                               | Kubik (pers. comm.)      |
| 247-41-10200-2053-3220-4030-5030<br>Donkey Creek Lake |      |       |         |         |      |      |      |   |                               |                          |
| 247-41-10200-2053-3225<br>Johnson Creek               | 1958 | 7/21  | 0       |         |      |      |      | Suspected aerial count                              |                               | Kubik (1964)             |
|   | 1962 | 7/27  | 0       |         |      |      |      |   |                               | Kubik (1964)             |
|   | 1963 | 7/03  | 0       |         |      |      |      | Aerial count  |                               | Kubik (1964)             |
|   | 1982 |       |         |         |      |      |      |   | Chinook, coho, & chum present | Kubik (pers. comm.)      |
| 247-41-10200-2053-3225-4015<br>Red Creek              | Hist |       |         |         |      |      |      |   |                               |                          |
|   | 1958 | 7/21  | 27      |         |      |      |      | Chinook present                                     |                               |                          |
|   | 1962 | 7/27  | 11      |         |      |      |      | Suspected aerial count                              |                               | Kubik (1964)             |
|   | 1977 |       | 1511    |         |      |      |      |   |                               | Kubik (1963)             |
|   | 1978 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count  |                               | Kubik & Wadman (1978)    |
|   | 1978 |       | 385     |         |      |      |      |   |                               | ADF&G (1982)             |
|   | 1981 | 7/29  | 749     |         |      |      |      | Aerial count  |                               | Kubik & Wadman (1979)    |
|   | 1982 |       |         |         |      |      | 5100 | Aerial count, helicopter - Good                     |                               | ADF&G (1981)             |
| 247-41-10200-2053-3225-4035                           |      |       |         |         |      |      |      |   |                               | Kubik (pers. comm.)      |

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Appendix Table 1-2 (Continued).

| LOCATION CODE / STREAM NAME                       | YEAR | DATE | CHINOOK | SOCKEYE | COHO  | CHUM | PINK  | SURVEY METHOD | COMMENTS                              | DATA SOURCE              |
|---|------|------|---------|---------|-------|------|-------|---------------|---------------------------------------|--------------------------|
| 247-41-10200-2053-3229<br>Kichatna River          | 1963 | 7/03 | 0       |         |       |      |       | Aerial count  |                                       | Kubik (1964)             |
|   | 1977 |      | 120     |         |       |      |       |               |                                       | ADF&G (1982)             |
|   | 1982 |      | 1000    |         | 10000 |      | 10000 |               |                                       | Kubik (pers. comm.)      |
| 247-41-10200-2053-3229-4002<br>Bagnan Creek *     | 1965 | 6/25 | 13      |         |       |      |       | Test net      |                                       | Kubik (1966)             |
|   | 1981 |      |         |         |       |      |       |               | Chinook & pink present                | Kubik (pers. comm.)      |
| 247-41-10200-2053-3229-4002-5022                  |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3229-4009                       | 1977 |      | 120     |         |       |      |       | Aerial count  | Note - TALK A-5, Unnamed (Kichatna R) | Kubik & Wadman (1978)    |
| 247-41-10200-2053-3229-4050<br>Nakochna River     | 1973 |      | 12      |         |       |      |       | Aerial count  |                                       | Kubik & Trent (1974)     |
|   | 1974 |      | 2       |         |       |      |       | Aerial count  |                                       | Kubik & Chlupach (1975)  |
|   | 1982 |      | 100     |         |       |      | 1000  |               |                                       | Kubik (pers. comm.)      |
| 247-41-10200-2053-3229-4075                       |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3229-4079                       |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3229-4087                       |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3229-4099                       |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3229-4099-5007                  |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3229-4110                       |      |      |         |         |       |      |       |               |                                       |                          |
| 247-41-10200-2053-3238<br>Clearwater Creek        | 1962 | 7/27 | 13      |         |       |      |       | Aerial count  |                                       | Kubik (1963)             |
|   | 1963 | 7/06 | 0       |         |       |      |       | Aerial count  |                                       | Kubik (1964)             |
|   | 1973 |      | 6       |         |       |      |       | Aerial count  |                                       | Kubik & Trent (1974)     |
|   | 1977 |      | 47      |         |       |      |       | Aerial count  |                                       | Kubik & Wadman (1978)    |
|   | 1982 |      | 100     |         |       |      | 5000  |               |                                       | Kubik (pers. comm.)      |
| 247-41-10200-2053-3249<br>West Fork Kientna River | 1976 |      | 550     |         |       |      |       |               |                                       | Namtvedt et al. (1979)   |
|   | 1977 |      | 4000    |         |       |      |       |               |                                       | Namtvedt et al. (1979)   |
|   | 1978 |      | 6000    |         |       |      |       |               |                                       | Waltemeyer et al. (1980) |
|   | 1979 |      | 456     |         |       |      |       |               | Glacially occluded                    | Tarbox & Sanders (1980)  |

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Appendix Table I-2 (Continued).

| LOCATION CODE / STREAM NAME   | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD | COMMENTS                 | DATA SOURCE              |
|-------------------------------|------|------|---------|---------|------|------|------|---------------|--------------------------|--------------------------|
|                               | 1980 | 9/10 |         | 5500    |      |      |      |               | Includes 1,630 carcasses | Tarbox & Sanders (1980)  |
|                               | 1981 | 8/27 |         | 9000    |      |      |      |               | Includes 1,000 carcasses | Tarbox et al. (1983)     |
|                               | 1982 | 8/20 |         | 10340   |      |      | 210  |               |                          | ADF&G (1985c)-YENONE.TAB |
|                               | 1983 | 8/25 |         | 630     |      |      |      |               |                          | ADF&G (1985c)-YENONE.TAB |
|                               | 1983 | 9/07 |         | 9660    |      |      |      |               |                          | ADF&G (1985c)-YENONE.TAB |
|                               | 1984 | 8/28 |         | 5700    |      |      |      |               |                          | ADF&G (1985c)-YENONE.TAB |
|                               | 1984 | 9/04 |         | 6350    |      |      |      |               |                          | ADF&G (1985c)-YENONE.TAB |
| 247-41-10200-2053-3249-4101   |      |      |         |         |      |      |      |               |                          |                          |
| 247-41-10200-2053-3250        |      |      |         |         |      |      |      |               |                          |                          |
| East Fort Yentna River        |      |      |         |         |      |      |      |               |                          |                          |
| 247-41-10200-2053-3250-4008 * |      |      |         |         |      |      |      |               | Note - TALK B-4          |                          |
| Rich Creek *                  |      | 1982 |         |         |      |      |      |               | Few pinks                | Kubik (pers. comm.)      |
| 247-41-10200-2053-3250-4018 * |      |      |         |         |      |      |      |               | Note - TALK B-4          |                          |
| Flag Creek *                  |      | 1982 |         |         |      |      |      |               | Pinks present            | Kubik (pers. comm.)      |

\* - These new location codes and names were submitted to the editors of the Anadromous Waters Catalog in October 1985. Upon verification these changes will be included in the next printing of the Anadromous Waters Catalog.

Appendix Table I-4. Escapement survey counts of adult salmon in the Chulitna River drainage.

| LOCATION CODE / STREAM NAME        | YEAR  | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS                         | DATA SOURCE |
|------------------------------------|-------|------|---------|---------|------|------|------|--------------------------------------|----------------------------------|-------------|
| <b>247-41-10200-2381</b>           |       |      |         |         |      |      |      |                                      |                                  |             |
| Chulitna River                     | Hist  |      |         |         |      |      |      |                                      | Chinook, coho, pinks and chinook |             |
| 1958                               | 7/11  | 3    |         |         |      |      |      |                                      |                                  |             |
| 1973                               |       | 42   |         |         |      |      |      |                                      |                                  |             |
| 1973                               |       | 219  |         |         |      |      |      | Aerial count, helicopter             |                                  |             |
| 1976                               | 7/23  | 124  |         |         |      |      |      | Aerial count, helicopter             |                                  |             |
| 1977                               |       | 229  |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1978                               |       | 62   |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1979                               |       |      |         |         |      |      |      |                                      | No count conducted               |             |
| 1980                               |       |      |         |         |      |      |      |                                      | No count - high, turbid water    |             |
| 1981                               |       |      |         |         |      |      |      |                                      | No count - high, turbid water    |             |
| 1982                               | 8/12  | 100  |         |         |      |      |      | Aerial count, helicopter - Excellent |                                  |             |
| 1983                               |       | 213  |         |         |      |      |      |                                      |                                  |             |
| 1984                               | 7/24  | 4191 |         |         |      |      |      | Boat survey, raft - Excellent        |                                  |             |
| 1984                               | 8/12  | 1036 |         |         |      |      |      | Boat survey, raft - Excellent        |                                  |             |
| <b>247-41-10200-2381-3051</b>      |       |      |         |         |      |      |      |                                      |                                  |             |
| <b>247-41-10200-2381-3090</b>      |       |      |         |         |      |      |      |                                      |                                  |             |
| <b>A115 247-41-10200-2381-3130</b> |       |      |         |         |      |      |      |                                      |                                  |             |
| Troublesome Creek                  | Hist  |      |         |         |      |      |      |                                      | Max. count 100 chinook (1958)    |             |
| 1958                               | 7/07  | 100  |         |         |      |      |      |                                      | Suspected aerial count           |             |
| 1970                               |       | 5    |         |         |      |      |      |                                      |                                  |             |
| 1971                               | 7/21  | 5    |         |         |      |      |      | Ground survey                        |                                  |             |
| 1971                               | 7/27  | 5    |         |         |      |      |      |                                      |                                  |             |
| 1971                               | 9/08  | 5    |         |         |      |      |      |                                      |                                  |             |
| 1972                               | 8/26  |      | 182     |         |      |      |      |                                      |                                  |             |
| 1972                               | 7/30  | 5    |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1973                               | 7/26  | 7    |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1973                               | 9/05  |      | 141     |         |      |      |      |                                      |                                  |             |
| 1973                               | 9/26  |      |         | 5       |      |      |      |                                      |                                  |             |
| 1974                               | 7/25  | 0    | 0       | 0       | 0    | 0    | 0    |                                      |                                  |             |
| 1974                               |       | 14   |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1976                               | 7/23  | 92   |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1977                               |       | 95   |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1978                               |       | 192  |         |         |      |      |      | Ground survey                        |                                  |             |
| 1979                               |       | 58   |         |         |      |      |      | Aerial count, fixed wing             |                                  |             |
| 1979                               | 10/29 |      |         |         | 100  |      |      |                                      | Cook Inlet Aquaculture Assoc.    |             |
| 1980                               |       |      |         |         |      |      |      |                                      | No count - high, turbid water    |             |
| 1981                               |       |      |         |         |      |      |      |                                      | No count - high, turbid water    |             |
| 1982                               | 8/12  | 36   |         |         |      |      |      | Aerial count, helicopter - Excellent |                                  |             |

Appendix Table I-4 (Continued).

| LOCATION CODE / STREAM NAME                         | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS                                 | DATA SOURCE             |
|---|------|-----------|---------|---------|------|------|------|-------------------------|--|-------------------------|
|   | 1982 |           |         | 39      | 585  | 172  |      | Upper Cook Inlet Survey |  | ADF&G (1985c)-CHUL.TAB  |
| 247-41-10200-2381-3161<br>Tokositna River           | Hist |           |         |         |      |      |      |                         | Also spelled "Tokichitna River"          |                         |
|   | 1958 | 7/25      | 0       |         |      |      |      |                         | Max. count 97 sockeye (1954)             |                         |
|   | 1981 |           |         |         |      |      |      |                         | Suspected aerial count                   | Kubik (1964)            |
|   |      |           |         |         |      |      |      |                         | Sockeye & coho present                   | Kubik (pers. comm.)     |
| 247-41-10200-2381-3161-4016<br>Alder Creek          | 1958 | 7/22      | 0       |         |      |      |      |                         | Suspected aerial count                   | Kubik (1964)            |
|   | 1963 | 8/19      | 0       |         |      |      |      | Aerial count            |  | Kubik (1964)            |
| 247-41-10200-2381-3161-4016-5010<br>Unnamed Creek * | 1982 |           |         | 3       |      |      |      |                         | Note - Trib. of Alder Creek,<br>TALK C-1 |                         |
|   |      |           |         |         |      |      |      |                         |  | ADF&G (1983a)           |
| 247-41-10200-2381-3161-4071<br>Swan Lake            | Hist |           |         |         |      |      |      |                         |  |                         |
|   | 1972 |           | 302     |         |      |      |      |                         | Max. count 150 sockeye (1954)            |                         |
|   | 1973 |           | 310     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | Tarbox & Sanders (1980) |
|   | 1974 |           | 386     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | Tarbox & Sanders (1980) |
|   | 1975 |           | 465     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | Tarbox & Sanders (1980) |
|   | 1975 | 8/22      | 229     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1982)            |
|   | 1975 | 8/30      | 289     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1982)            |
|   | 1975 | 9/25      | 90      |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1982)            |
|   | 1976 |           | 516     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | Tarbox & Sanders (1980) |
|   | 1977 |           | 827     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | Tarbox & Sanders (1980) |
|   | 1978 | 8/25-8/26 | 734     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1982)            |
|   | 1978 | 9/14      | 263     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1982)            |
|   | 1978 | 9/21-9/22 | 234     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1982)            |
|   | 1978 |           | 917     |         |      |      |      |                         | Includes Slim Creek and T-Creek,         | Tarbox & Sanders (1980) |
|   | 1979 |           | 40      |         |      |      |      |                         | low visibility, & turbid water           | Tarbox & Sanders (1980) |
|   | 1980 | 8/18      | 1       |         |      |      |      |                         |  | ADF&G (1982)            |
|   | 1981 |           | 505     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | ADF&G (1985c)-CHUL.TAB  |
|   | 1981 | 8/20      | 660     |         |      |      |      |                         |  | ADF&G (1985c)-CHUL.TAB  |
|   | 1981 | 8/25      | 350     |         |      |      |      |                         | Includes Slim Creek and T-Creek          | Tarbox et al. (1983)    |
|   | 1983 | 8/23      | 0       | 0       | 0    | 0    | 0    |                         | Visibility poor, turbid H2O              | ADF&G (1985c)-CHUL.TAB  |
|   | 1983 | 9/07      | 340     |         |      |      |      |                         |  | ADF&G (1985c)-CHUL.TAB  |
|   | 1984 | 8/26      | 48      |         |      |      |      |                         | S. lake and stream to Tokositna          | ADF&G (1985c)-CHUL.TAB  |
|   | 1984 | 8/30      | 21      |         |      |      |      |                         | River occluded                           |                         |
|   |      |           |         |         |      |      |      |                         | SAA, visibility poor                     |                         |
|   |      |           |         |         |      |      |      |                         | Editors Note - What is SAA ?             | ADF&G (1985c)-CHUL.TAB  |

Appendix Table 1-4 (Continued).

| LOCATION CODE / STREAM NAME      | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD | COMMENTS  | DATA SOURCE             |
|----------------------------------|------|-----------|---------|---------|------|------|------|---------------|---|-------------------------|
| 247-41-10200-2381-3161-4071-5020 |      |           |         |         |      |      |      |               |   |                         |
| Slim Creek *                     | Hist |           |         |         |      |      |      |               | Note - NW end of Swan Lake, TALK C-1<br>overgrown, not surveyed in '84 - '85<br>Max. count 150 sockeye (1954) |                         |
|                                  | 1970 | 8/24      |         | 516     |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1972 | 8/25      |         | 63      |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 | 8/22      | 0       | 0       | 0    | 0    | 0    | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 | 9/05      |         | 53      |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 | 9/18      |         | 168     |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 |           |         | 195     |      |      |      | Ground survey | Peak survey count   | Barrett (1973a)         |
|                                  | 1974 | 8/24      | 0       | 0       | 0    | 0    | 0    | Ground survey |   | Barrett (1975a)         |
|                                  | 1974 | 9/06      |         | 83      |      |      |      | Ground survey |   | Barrett (1975a)         |
|                                  | 1974 | 9/17      |         | 195     |      |      |      | Ground survey |   | Barrett (1975a)         |
|                                  | 1975 |           |         | 176     |      |      |      | Ground survey | Peak survey count   | Friese (1976a)          |
|                                  | 1975 | 9/25      |         | 50      |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1975 | 8/30      |         | 50      |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1975 | 9/26      |         | 75      |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1976 | 8/24      |         | 69      |      |      |      | Ground survey |   | Friese (1976b)          |
|                                  | 1976 | 9/08      |         | 64      |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1977 | 8/24      |         | 755     | 3    |      |      |               | Peak survey count   | ADF&G (1982)            |
|                                  | 1977 | 9/12-9/13 |         | 739     |      |      |      |               |   | Namtvedt et al. (1979)  |
|                                  | 1977 |           |         | 82      |      |      |      |               |   | Waltemyer et al. (1980) |
|                                  | 1978 |           |         | 253     |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1978 |           |         | 263     |      |      |      |               | Peak survey count   | ADF&G (1982)            |
|                                  | 1979 | 8/28      |         | 40      |      |      |      |               |   | ADF&G (1982)            |
| 247-41-10200-2381-3161-4071-5031 |      |           |         |         |      |      |      |               |   |                         |
| T-Creek *                        | Hist |           |         |         |      |      |      |               | Max. count 400 sockeye (1954)   |                         |
|                                  | 1972 | 8/26      |         | 182     |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1972 |           |         | 239     |      |      |      |               | Peak survey count   | ADF&G (1982)            |
|                                  | 1973 | 8/22      |         | 35      |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 | 9/05      |         | 88      |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 | 9/18      |         | 57      |      |      |      | Ground survey |   | Barrett (1973a)         |
|                                  | 1973 |           |         | 115     |      |      |      |               | Peak survey count   | ADF&G (1982)            |
|                                  | 1974 | 8/24      |         | 103     |      |      |      | Ground survey |   | Barrett (1975a)         |
|                                  | 1974 | 9/05      |         | 118     |      |      |      | Ground survey |   | Barrett (1975a)         |
|                                  | 1974 | 9/17      |         | 42      |      |      |      | Ground survey |   | Barrett (1975a)         |
|                                  | 1974 |           |         | 191     |      |      |      |               | Peak survey count   | ADF&G (1982)            |
|                                  | 1975 | 8/22      |         | 229     |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1975 | 8/30      |         | 223     |      |      |      |               |   | ADF&G (1982)            |
|                                  | 1975 |           |         | 289     |      |      |      | Ground survey | Peak survey count   | Friese (1976a)          |
|                                  | 1976 | 8/24      |         | 447     |      |      |      | Ground survey |   | Friese (1976b)          |
|                                  | 1976 | 9/08      |         | 39      | 50   |      |      |               |   | ADF&G (1982)            |

Appendix Table I-4 (Continued).

| LOCATION CODE / STREAM NAME           | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS   | DATA SOURCE              |
|---------------------------------------|------|------|---------|---------|------|------|------|--------------------------------------|--|--------------------------|
| 247-41-10200-2381-3161-4071-5031-0020 | 1977 |      |         | 745     |      |      |      |                                      | Peak survey count, chum & pink present                         | Namtvedt et al. (1979)   |
|                                       | 1978 |      |         | 654     |      |      |      |                                      |  | Waltemeyer et al. (1980) |
| 247-41-10200-2381-3161-4085           |      |      |         |         |      |      |      |                                      |  |                          |
| Bunco Creek                           | 1973 | 8/02 | 34      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1974)          |
|                                       | 1976 | 7/23 | 112     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1977)          |
|                                       | 1977 |      | 136     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1978)          |
|                                       | 1978 |      | 153     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1979)          |
|                                       | 1980 |      |         |         |      |      |      | No count - high, turbid water        |  | Bentz (1982)             |
|                                       | 1981 |      |         |         |      |      |      | No count - high, turbid water        |  | Bentz (1982)             |
|                                       | 1982 | 8/07 | 198     |         |      |      |      | Aerial count, helicopter - Fair      |  | ADF&G (1983a)            |
|                                       | 1983 | 8/02 | 279     |         |      |      |      | Ground survey - Good                 |  | Barrett et al. (1984)    |
|                                       | 1983 |      | 523     |         |      |      |      | Aerial count                         |  | Barrett et al. (1984)    |
|                                       | 1984 | 8/10 | 51      |         |      |      |      | Aerial count, helicopter - Good      |  | Barrett et al. (1985)    |
| 247-41-10200-2381-3161-4085-0010      |      |      |         |         |      |      |      |                                      |  |                          |
| Bunco Lake                            | Hist |      |         |         |      |      |      |                                      | Good escapement of pinks in 1964                               |                          |
| 247-41-10200-2381-3179                |      |      |         |         |      |      |      |                                      |  |                          |
| Spink Creek                           | 1958 | 7/07 | 60      |         |      |      |      |                                      |  | Kubik (1964)             |
|                                       | 1963 | 8/19 | 0       |         |      |      |      |                                      |  | Kubik (1964)             |
|                                       | 1982 | 8/07 |         | 12      |      |      |      | Aerial count                         |  | ADF&G (1983a)            |
|                                       |      |      |         |         |      |      |      | Aerial count, helicopter - Excellent |  |                          |
| 247-41-10200-2381-3179-0010           |      |      |         |         |      |      |      |                                      |  |                          |
| Spink Lake                            | Hist |      |         |         |      |      |      |                                      |  |                          |
| 247-41-10200-2381-3180                |      |      |         |         |      |      |      |                                      |  |                          |
| Bvers Creek                           | Hist |      |         |         |      |      |      |                                      | Few chinook, 1,200 sockeye (1964); good pink escapement (1964) |                          |
|                                       | 1964 | 8/27 | 2       |         |      |      |      | Aerial count                         |  | Kubik (1965)             |
|                                       | 1965 | 8/06 | 4       |         |      |      |      | Aerial count                         |  | Kubik (1966)             |
|                                       | 1971 |      | 3       |         |      |      |      | Ground survey/Aerial count           |  | Watsjold (1972)          |
|                                       | 1971 | 8/29 | 2       |         |      |      |      | Aerial count                         |  | ADF&G (1982)             |
|                                       | 1971 | 9/08 |         | 35      | 1100 |      |      |                                      |  | ADF&G (1982)             |
|                                       | 1972 | 7/30 | 7       |         |      |      |      | Aerial count                         |  | Watsjold (1973)          |
|                                       | 1973 | 7/26 | 1       |         |      |      |      | Aerial count                         |  | Watsjold (1974)          |
|                                       | 1973 | 9/26 |         | 49      |      |      |      |                                      |  | ADF&G (1982)             |
|                                       | 1974 | 7/25 | 0       |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1975)          |
|                                       | 1976 | 7/23 | 53      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1977)          |
|                                       | 1976 | 8/23 |         | 50      |      |      | 39   |                                      |  | ADF&G (1982)             |

Appendix Table I-4 (Continued).

| LOCATION CODE / STREAM NAME               | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS   | DATA SOURCE            |
|---|------|-------|---------|---------|------|------|------|--------------------------------------|--|------------------------|
|   | 1977 |       | 69      |         |      |      |      | Aerial count, fixed wing             | Peak survey count  | Watsjold (1978)        |
|   | 1977 | 8/04  | 1       |         |      |      |      |                                      |  | ADFG (1982)            |
|   | 1977 | 8/05  | 2       | 300     |      |      |      |                                      |  | ADFG (1982)            |
|   | 1977 | 8/10  |         | 200     |      |      |      |                                      |  | ADFG (1982)            |
|   | 1977 | 8/16  |         | 100     |      |      |      |                                      |  | ADFG (1982)            |
|   | 1977 | 9/12  |         | 6       | 314  |      |      |                                      |  | ADFG (1982)            |
|   | 1979 | 10/29 |         | 1000    | 500  | 0    |      |                                      | Cook Inlet Aquaculture Ass'n (CIAA)                        | ADFG (1982)            |
|   | 1979 |       | 28      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1980)        |
|   | 1980 |       |         |         |      |      |      |                                      | No count - high, turbid water                              | Bentz (1982)           |
|   | 1981 |       |         |         |      |      |      |                                      | No count - high, turbid water                              | Bentz (1982)           |
|   | 1982 |       | 15      |         | 36   | 417  | 1110 |                                      |  | ADFG (1985c)-CHUL,TAB  |
|   | 1982 | 8/12  | 7       |         |      |      |      | Aerial count, helicopter - Excellent |  | ADFG (1983a)           |
| 247-41-10200-2381-3180-0010<br>Byers Lake | 1976 |       | 50      |         |      |      |      |                                      |  | Namtvedt et al. (1979) |
|   | 1977 |       | 300     |         |      |      |      |                                      | Peak survey count  | Namtvedt et al. (1979) |
|   | 1981 | 8/27  | 275     | 100     |      |      | 200  |                                      | Coho & pink data source unknown                            | Tarbox et al. (1983)   |
| 247-41-10200-2381-3220<br>Horseshoe Creek |      |       |         |         |      |      |      |                                      |  |                        |
| 247-41-10200-2381-3223 *                  | 1962 | 7/30  | 5       |         |      |      |      | Aerial count                         | Note - TALK MTS D-6  | Kubik (1963)           |
| Coal Creek *                              | 1963 | 8/19  | 0       |         |      |      |      | Aerial count                         | Peak   | Kubik (1964)           |
|   |      |       |         |         |      |      |      |                                      | Peak   |                        |
| 247-41-10200-2381-3223-4023 *             | Hist |       |         |         |      |      |      |                                      | Note - TALK MTS D-6  |                        |
| West Fork Coal Creek *                    | 1976 | 8/17  | 0       | 0       | 0    | 0    | 0    |                                      | Chinook, pinks present                                     |                        |
|   | 1976 | 8/26  | 0       | 0       | 0    | 0    | 0    |                                      |  | ADFG (1982)            |
|   | 1976 | 9/14  | 0       | 0       | 0    | 0    | 0    |                                      |  | ADFG (1982)            |
|   | 1977 | 8/25  |         | 47      |      |      |      |                                      | Lake and creek   | ADFG (1985c)-CHUL,TAB  |
|   | 1977 | 9/01  |         | 151     |      |      |      |                                      | 100 fish in lower creek                                    | ADFG (1985c)-CHUL,TAB  |
|   | 1978 |       |         | 2388    |      |      |      |                                      | Includes Coal Creek Lake and mainstem West Fork Coal Creek | Tarbox et al. (1983)   |
|   | 1979 | 9/19  |         | 500     |      |      |      |                                      | Includes Coal Creek Lake and mainstem West Fork Coal Creek | Tarbox et al. (1983)   |
|   | 1980 | 8/22  |         | 600     |      |      |      |                                      | Includes Coal Creek Lake and mainstem West Fork Coal Creek | Tarbox et al. (1983)   |
|   | 1981 |       |         | 1100    |      |      |      |                                      | Includes Coal Creek Lake and mainstem West Fork Coal Creek | Tarbox et al. (1983)   |
|   | 1982 | 8/23  |         | 1200    |      |      |      |                                      | West Fork Coal Creek                                       | ADFG (1985c)-CHUL,TAB  |
|   | 1982 | 8/23  |         | 240     |      |      |      |                                      | Coal Creek Lake  | ADFG (1985c)-CHUL,TAB  |
| 247-41-10200-2381-3223-4023-0010 *        |      |       |         |         |      |      |      |                                      | Note - See Coal Creek, TALK MTS D-6                        |                        |

Appendix Table 1-4 (Continued).

| LOCATION CODE / STREAM NAME  | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS   | DATA SOURCE     |
|------------------------------|------|------|---------|---------|------|------|------|--------------------------------------|--|-----------------|
| <b>Coal Creek Lake *</b>     |      |      |         |         |      |      |      |                                      |  |                 |
| 247-41-10200-2381-3234 *     |      |      |         |         |      |      |      |                                      | Note - TALK MTS D-6                                  |                 |
| Pass Creek                   | 1962 | 7/30 | 15      |         |      |      |      | Aerial count                         | Peak count   | Kubik (1963)    |
|                              | 1963 | 8/19 | 0       |         |      |      |      | Aerial count                         | Peak count   | Kubik (1964)    |
|                              | 1973 |      | 8       |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1974) |
| 247-41-10200-2381-3240       |      |      |         |         |      |      |      |                                      |  |                 |
| Honolulu Creek               | 1973 | 7/26 | 17      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1974) |
|                              | 1973 | 7/29 | 8       |         |      |      |      |                                      |  | ADF&G (1982)    |
|                              | 1974 | 7/25 | 12      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1975) |
|                              | 1976 | 7/23 | 24      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1977) |
|                              | 1977 |      | 36      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1978) |
|                              | 1978 |      | 13      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1979) |
|                              | 1979 |      | 37      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1980) |
|                              | 1980 |      |         |         |      |      |      |                                      | No count - high, turbid water                        | Bentz (1982)    |
|                              | 1981 |      |         |         |      |      |      |                                      | No count - high, turbid water                        | Bentz (1982)    |
|                              | 1982 | 8/12 | 27      |         |      |      |      | Aerial count, helicopter - Excellent |  | ADF&G (1983a)   |
| 247-41-10200-2381-3240-4020  |      |      |         |         |      |      |      |                                      |  |                 |
| Little Honolulu Creek        |      |      |         |         |      |      |      |                                      |  |                 |
| A120                         |      |      |         |         |      |      |      |                                      |  |                 |
| 247-41-10200-2381-3260       |      |      |         |         |      |      |      |                                      |  |                 |
| East Fork Chulitna River     | Hist |      |         |         |      |      |      |                                      | Chinook present,<br>maximum sockeye count 500 (1964) |                 |
|                              |      |      |         |         |      |      |      |                                      |  |                 |
|                              | 1973 | 8/02 | 42      |         |      |      |      | Aerial count                         |  | ADF&G (1982)    |
|                              | 1974 | 7/25 | 41      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1975) |
|                              | 1975 | 8/04 | 7       |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1976) |
|                              | 1976 | 7/23 | 112     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1977) |
|                              | 1977 |      | 168     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1978) |
|                              | 1978 |      | 59      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1979) |
|                              | 1979 |      |         |         |      |      |      |                                      | No count - high, turbid water                        | Bentz (1982)    |
|                              | 1980 |      |         |         |      |      |      |                                      | No count - high, turbid water                        | Bentz (1982)    |
|                              | 1982 | 8/12 | 119     |         |      |      |      | Aerial count, helicopter - Excellent |  | ADF&G (1983a)   |
| 247-41-10200-2381 *          |      |      |         |         |      |      |      |                                      | Note - HEALY A-6                                     |                 |
| Middle Fork Chulitna River * | 1973 |      | 219     |         |      |      |      | Aerial count                         |  | ADF&G (1982)    |
|                              | 1973 | 8/02 | 206     |         |      |      |      |                                      |  | ADF&G (1982)    |
|                              | 1974 | 7/25 | 159     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1975) |
|                              | 1975 | 8/04 | 55      |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1976) |
|                              | 1976 | 7/23 | 1870    |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1977) |
|                              | 1977 |      | 1782    |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1978) |
|                              | 1978 |      | 900     |         |      |      |      | Aerial count, fixed wing             |  | Watsjold (1979) |

Appendix Table I-4 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS                      | DATA SOURCE            |
|-----------------------------|------|------|---------|---------|------|------|------|--------------------------------------|-------------------------------|------------------------|
|                             | 1980 |      |         |         |      |      |      |                                      | No count - high, turbid water | Bentz (1982)           |
|                             | 1981 |      |         |         |      |      |      |                                      | No count - high, turbid water | Bentz (1982)           |
|                             | 1982 |      | 863     |         |      |      |      |                                      |                               | ADF&G (1985c)-CHUL.TAB |
|                             | 1982 | 8/12 | 644     |         |      |      |      | Aerial count, helicopter - Excellent |                               | ADF&G (1983a)          |
|                             | 1983 | 7/19 | 3846    |         |      |      |      | Boat survey, raft - Excellent        |                               | Barrett et al. (1984)  |
|                             | 1983 | 8/03 | 958     |         |      |      |      | Boat survey, raft - Excellent        |                               | Barrett et al. (1984)  |
|                             | 1984 |      | 4191    |         |      |      |      |                                      |                               | Hepler & Bentz (1985)  |

\* - These new location codes and names have been submitted to the editors of the Anadromous Waters Catalog in October 1985. Upon verification they will be included in the next printing of the Anadromous Waters Catalog.

Appendix Table 1-3. Escapement survey counts of adult salmon in the Talkeetna River drainage.

| LOCATION CODE / STREAM NAME  | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                   | COMMENTS                            | DATA SOURCE             |
|------------------------------|------|-----------|---------|---------|------|------|------|---------------------------------|-------------------------------------|-------------------------|
| 247-41-10200-2370            |      |           |         |         |      |      |      |                                 |                                     |                         |
| Talkeetna River              | Hist |           |         |         |      |      |      |                                 |                                     |                         |
|                              | 1976 | 8/23      |         |         |      | 410  |      |                                 | Large number chums (1953)           | ADF&G (1982)            |
|                              | 1981 | 7/29-7/30 | 2129    |         |      |      |      | Aerial count, helicopter - Good |                                     | ADF&G (1981)            |
| 247-41-10200-2370-3041       |      |           |         |         |      |      |      |                                 |                                     |                         |
| Chunilna Creek / Clear Creek | Hist |           |         |         |      |      |      |                                 |                                     |                         |
|                              | 1961 | 7/14      | 300     |         |      |      |      | Ground survey                   |                                     | Stefanich (1962)        |
|                              | 1962 | 7/11      | 3       |         |      |      |      | Aerial count                    |                                     | Kubik (1963)            |
|                              | 1963 | 7/29      | 38      |         |      |      |      | Aerial count                    |                                     | Kubik (1964)            |
|                              | 1964 | 7/21      | 319     |         |      |      |      | Boat survey                     |                                     | Kubik (1965)            |
|                              | 1964 | 8/05      | 9       |         |      |      |      | Aerial count                    |                                     | Kubik (1965)            |
|                              | 1965 | 8/06      | 8       |         |      |      |      | Aerial count                    |                                     | Kubik (1966)            |
|                              | 1966 |           | 300     |         |      |      |      | Aerial count                    |                                     | Kubik (1967)            |
|                              | 1968 |           | 1000    |         |      |      |      | Aerial count                    |                                     | Kubik (1969)            |
|                              | 1969 |           | 375     |         |      |      |      | Aerial count                    |                                     | Kubik (1970)            |
|                              | 1969 |           | 125     |         |      |      |      |                                 | Excellent observation - TRM 0.0-2.0 | Stewart & Flagg (1969)  |
|                              | 1970 |           | 58      |         |      |      |      | Aerial count - Poor             | High water                          | Kubik (1971)            |
|                              | 1970 |           | 72      | 7000    |      |      |      |                                 |                                     | ADF&G (1982)            |
|                              | 1971 |           | 5       |         |      |      |      | Aerial count - Poor             |                                     | Watsjold (1972)         |
|                              | 1972 | 7/30      | 91      |         |      |      |      | Aerial count                    |                                     | Watsjold (1973)         |
|                              | 1973 | 7/25      | 245     |         |      |      |      |                                 |                                     | ADF&G (1982)            |
|                              | 1973 | 7/28      | 292     |         |      |      |      | Aerial count                    |                                     | Watsjold (1974)         |
|                              | 1974 | 7/27      | 236     |         |      |      |      |                                 |                                     | ADF&G (1982)            |
|                              | 1974 | 7/31      | 283     |         |      |      |      | Aerial count, helicopter        |                                     | Watsjold (1975)         |
|                              | 1974 |           | 823     |         |      |      |      |                                 |                                     | ADF&G (1982)            |
|                              | 1975 | 7/28      | 101     |         |      |      |      | Aerial count, helicopter        |                                     | Watsjold (1976)         |
|                              | 1976 | 7/16      | 1220    |         |      |      |      |                                 |                                     | ADF&G (1982)            |
|                              | 1976 | 7/23      | 1237    |         |      |      |      | Aerial count, helicopter        |                                     | Watsjold (1977)         |
|                              |      |           | 30      |         |      |      |      |                                 | Includes Moma & Popa Bear Lakes     | Tarbox & Sanders (1980) |
|                              | 1977 |           | 75      |         |      |      |      |                                 | Includes Moma & Popa Bear Lakes     | Tarbox & Sanders (1980) |
|                              | 1977 |           | 769     |         |      |      |      | Aerial count, fixed wing        |                                     | Watsjold (1978)         |
|                              | 1978 |           | 310     |         |      |      |      |                                 |                                     | Tarbox & Sanders (1980) |
|                              | 1978 |           | 997     |         |      |      |      | Aerial count, helicopter        |                                     | Watsjold (1979)         |
|                              | 1979 |           | 365     |         |      |      |      |                                 |                                     | Tarbox & Sanders (1980) |
|                              | 1979 |           | 864     |         |      |      |      | Aerial count, helicopter - Poor |                                     | Watsjold (1980)         |
|                              | 1980 |           | 320     |         |      |      |      |                                 | Includes Moma & Popa Bear Lakes     | Tarbox & Sanders (1980) |
|                              | 1980 |           |         |         |      |      |      |                                 | No count - high, turbid water       | Bentz (1982)            |
|                              | 1981 |           | 169     |         |      |      |      | Suspected aerial count - Poor   |                                     | Bentz (1982)            |
|                              | 1982 | 7/21      | 982     |         |      |      |      | Aerial count, helicopter - Fair |                                     | ADF&G (1983a)           |

Appendix Table 1-3 (Continued).

| LOCATION CODE / STREAM NAME                        | YEAR | DATE | CHINOOK | SOCKEYE | CODO | CHUM | PINK  | SURVEY METHOD  | COMMENTS                       | DATA SOURCE              |
|--|------|------|---------|---------|------|------|-------|--|--------------------------------|--------------------------|
|  | 1982 |      |         |         | 2500 | 7500 | 52100 |  | Upper Cook Inlet (UCI) surveys | ADF&G (1985c)-TALK,TAB   |
|  | 1983 |      | 938     |         |      |      |       |  |                                | Hepler & Rennet (1984)   |
|  | 1983 | 8/01 | 806     |         |      |      |       | Aerial count, helicopter - Good                      |                                | Barrett et al. (1984)    |
|  | 1984 | 7/25 | 1520    |         |      |      |       | Aerial count, helicopter - Poor                      |                                | Barrett et al. (1985)    |
| 247-41-10200-2370-3041-4010                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4010-0010                   |      |      |         |         |      |      |       | Note - All Mama Bear & Papa Bear Lake data combined. |                                |                          |
| Mama Bear lake                                     | 1976 | 8/23 |         | 30      | 100  |      | 7700  |  |                                | ADF&G (1982)             |
|  | 1977 | 9/12 |         | 75      |      |      |       |  |                                | Namtvedt et al. (1979)   |
|  | 1977 | 9/12 |         |         | 23   |      |       |  |                                | ADF&G (1985c)-TALK,TAB   |
|  | 1978 | 8/29 |         | 310     |      |      |       |  |                                | Waltemeyer et al. (1980) |
|  | 1978 | 8/29 |         |         | 250  |      | 20250 |  |                                | ADF&G (1985c)-TALK,TAB   |
|  | 1980 | 8/18 |         | 300     |      |      | 10000 |  |                                | ADF&G (1982)             |
|  | 1981 | 8/25 |         | 450     |      |      | 100   |  |                                | ADF&G (1982)             |
|  | 1982 | 8/23 |         | 1315    | 100  |      |       |  |                                | ADF&G (1985c)-TALK,TAB   |
|  | 1984 | 8/26 |         | 220     |      |      |       | Visibility poor                                      |                                | ADF&G (1985c)-TALK,TAB   |
|  | 1984 | 8/30 |         | 421     |      |      | 2500  | Pinks in stream                                      |                                | ADF&G (1985c)-TALK,TAB   |
| 247-41-10200-2370-3041-4010-0015<br>Papa Bear Lake |      |      |         |         |      |      |       | Note - See Mama Bear Lake                            |                                |                          |
| 247-41-10200-2370-3041-4080                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4101                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4131                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4180                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4190                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4200                        |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4200-5021                   |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4200-5021-6020              |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4200-5021-6021              |      |      |         |         |      |      |       |  |                                |                          |
| 247-41-10200-2370-3041-4200-5021-6080              |      |      |         |         |      |      |       |  |                                |                          |

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Appendix Table I-3 (Continued).

| LOCATION CODE / STREAM NAME                                  | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD            | COMMENTS                                      | DATA SOURCE             |
|--|------|------|---------|---------|------|------|------|--------------------------|---|-------------------------|
| 247-41-10200-2370-3080-0010<br>Larson Lake                   | Hist |      |         |         |      |      |      |                          | Sockeye, coho, pinks and chums present        |                         |
|  | 1972 | 9/07 |         | 300     |      |      |      | Aerial count, Super Cub  |   | Barrett (1973a)         |
|  | 1973 | 9/06 |         | 20      |      |      |      | Aerial count, Super Cub  | Max. count 559 sockeye (1956)                 | Barrett (1973a)         |
|  | 1974 | 9/09 |         | 19      |      |      |      | Aerial count, Super Cub  |   | Barrett (1975a)         |
|  | 1975 | 8/30 |         | 32      |      |      |      |                          |   | ADF&G (1982)            |
|  | 1975 | 7/06 |         | 63      |      |      |      | Aerial count, Super Cub  |   | Friese (1976a)          |
|  | 1975 | 9/13 |         | 47      |      |      |      |                          |   | ADF&G (1982)            |
|  | 1976 | 8/23 |         | 485     |      |      |      |                          |   | ADF&G (1982)            |
|  | 1976 | 9/02 |         | 327     |      |      |      |                          |   | ADF&G (1982)            |
|  | 1976 |      |         | 85      |      |      |      | Aerial count, Super Cub  |   | Friese (1976b)          |
|  | 1977 |      |         | 330     |      |      |      | Aerial count             |   | Namtyvedt et al. (1979) |
|  | 1977 | 8/05 |         | 50      |      |      |      |                          |   | ADF&G (1982)            |
|  | 1977 | 8/10 |         | 150     |      |      |      |                          |   | ADF&G (1982)            |
|  | 1977 | 8/16 |         | 1300    |      |      |      |                          |   | ADF&G (1982)            |
|  | 1977 | 8/29 |         | 2500    |      |      |      |                          |   | ADF&G (1982)            |
|  | 1977 | 9/12 |         | 1655    |      |      |      |                          |   | ADF&G (1982)            |
|  | 1978 |      |         | 117     |      |      |      | Aerial count             |   | Waltemyer et al. (1980) |
|  | 1979 | 8/28 |         | 160     |      |      |      |                          |   | Tarbox & Sanders (1980) |
|  | 1980 |      |         |         |      |      |      |                          | No count                                      | Tarbox et al. (1983)    |
|  | 1981 |      |         | 4600    |      |      |      |                          |   | Tarbox et al. (1983)    |
|  | 1981 | 8/25 |         | 5500    |      |      |      |                          |   | ADF&G (1982)            |
|  | 1982 | 8/23 |         | 1200    |      |      |      |                          |   | ADF&G (1985c)-TALK.TAB  |
|  | 1982 |      |         | 2150    | 41   | 3    | 5000 |                          |   | ADF&G (1985c)-TALK.TAB  |
|  | 1983 | 9/07 |         | 650     |      |      |      |                          |   | ADF&G (1985c)-TALK.TAB  |
| 247-41-10200-2370-3090<br>Sheep River #<br>(Name correction) | 1973 |      |         |         |      |      |      | Aerial surveyed          | Glacially occluded, no count                  | Watsjold (1974)         |
| 247-41-10200-2370-3090-4049                                  |      |      |         |         |      |      |      |                          |   |                         |
| 247-41-10200-2370-3090-4049-0010<br>Rainbow Lake             |      |      |         |         |      |      |      |                          |   |                         |
| 247-41-10200-2370-3171<br>Disappointment Creek               | 1958 | 8/01 | 5       |         |      |      |      |                          | Suspected aerial count                        | Kubik (1964)            |
|  | 1962 | 7/19 | 0       |         |      |      |      | Aerial count             |   | Kubik (1964)            |
|  | 1974 |      | 20      |         |      |      |      | Aerial count, fixed wing |   | Watsjold (1974)         |
| 247-41-10200-2370-3301<br>Prairie Creek                      | Hist |      |         |         |      |      |      |                          | Max. count 275 chinook (1963) sockeye present |                         |

Appendix Table 1-3 (Continued).

A112

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD                        | COMMENTS                             | DATA SOURCE             |
|-----------------------------|------|------|---------|---------|------|------|------|--------------------------------------|--------------------------------------|-------------------------|
|                             | 1962 | 7/30 | 142     |         |      |      |      | Aerial count                         |                                      | Kubik (1963)            |
|                             | 1963 | 8/07 | 275     |         |      |      |      | Aerial count                         |                                      | Kubik (1964)            |
|                             | 1964 | 7/17 | 138     |         |      |      |      | Aerial count                         |                                      | Kubik (1965)            |
|                             | 1965 | 7/11 | 30      |         |      |      |      | Aerial count                         |                                      | Kubik (1966)            |
|                             | 1966 |      | 153     |         |      |      |      | Aerial count                         |                                      | Kubik (1967)            |
|                             | 1970 | 7/29 | 675     |         |      |      |      |                                      |                                      | ADF&G (1982)            |
|                             | 1970 |      | 820     |         |      |      |      | Ground survey                        |                                      | Watsjold (1973)         |
|                             | 1971 |      | 40      |         |      |      |      |                                      |                                      | ADF&G (1982)            |
|                             | 1972 |      | 630     |         | 202  |      |      | Ground survey                        |                                      | Watsjold (1973)         |
|                             | 1972 | 8/21 |         | 3286    |      |      |      | Ground survey                        |                                      | Barrett (1973a)         |
|                             | 1973 | 7/29 |         | 21      |      |      |      | Ground survey                        |                                      | ADF&G (1982)            |
|                             | 1973 | 8/23 |         | 21      |      |      |      | Ground survey                        |                                      | Barrett (1973a)         |
|                             | 1973 | 9/06 |         | 7       |      |      |      | Ground survey                        |                                      | Barrett (1973a)         |
|                             | 1973 | 9/17 |         |         |      |      |      | Ground survey                        |                                      | Barrett (1973a)         |
|                             | 1973 |      | 4190    |         |      |      |      | Ground survey                        |                                      | Watsjold (1974)         |
|                             | 1974 | 7/26 | 1498    |         |      |      |      | Ground survey                        |                                      | Watsjold (1975)         |
|                             | 1974 | 8/25 |         | 37      |      |      |      | Ground survey                        |                                      | Barrett (1975a)         |
|                             | 1974 | 9/05 |         | 12      |      |      |      | Ground survey                        |                                      | Barrett (1975a)         |
|                             | 1974 | 9/17 |         | 2       |      |      |      | Ground survey                        |                                      | Barrett (1975a)         |
|                             | 1975 | 8/04 | 369     |         |      |      |      | Ground survey                        |                                      | Watsjold (1976)         |
|                             | 1975 | 8/23 |         | 36      |      |      |      | Ground survey                        |                                      | ADF&G (1982)            |
|                             | 1975 | 9/02 |         | 49      | 44   |      |      | Ground survey                        |                                      | Friese (1976a)          |
|                             | 1975 | 9/26 |         | 5       | 12   |      |      |                                      |                                      | ADF&G (1982)            |
|                             | 1976 | 7/20 | 6513    |         |      |      |      | Ground survey                        |                                      | Watsjold (1977)         |
|                             | 1976 | 8/25 |         | 81      | 2    |      |      | Ground survey                        |                                      | Friese (1976b)          |
|                             | 1976 | 9/03 |         | 80      | 36   |      |      |                                      |                                      | ADF&G (1982)            |
|                             | 1976 | 9/10 |         | 60      | 11   |      |      |                                      |                                      | ADF&G (1982)            |
|                             | 1976 |      | 339     |         |      |      |      |                                      |                                      | ADF&G (1982)            |
|                             | 1977 |      | 5790    |         |      |      |      | Ground survey                        |                                      | Watsjold (1978)         |
|                             | 1977 | 8/27 | 9       | 120     |      |      |      |                                      | Chinook data source unknown          | Namtvedt et al. (1979)  |
|                             | 1978 |      |         | 120     |      |      |      | Ground survey                        |                                      | Waltemyer et al. (1980) |
|                             | 1978 |      | 5154    |         |      |      |      | Ground survey                        |                                      | Watsjold (1979)         |
|                             | 1980 |      |         |         |      |      |      |                                      | No count - high, turbid water        | Bentz (1982)            |
|                             | 1981 | 7/30 | 1900    |         |      |      |      | Aerial count, fixed wing - Poor      | Less than 10% mortality at this time | ADF&G (1981)            |
|                             | 1981 |      | 1875    |         |      |      |      |                                      |                                      | Bentz (1982)            |
|                             | 1982 | 7/31 | 3844    |         |      |      |      | Aerial count, helicopter - Excellent |                                      | ADF&G (1983a)           |
|                             | 1983 | 7/20 | 871     |         |      |      |      | Ground survey - Excellent            |                                      | Barrett et al. (1984)   |
|                             | 1983 |      | 3200    |         |      |      |      | Aerial count, fixed wing             |                                      | Barrett et al. (1984)   |
|                             | 1984 | 7/24 | 9000    |         |      |      |      | Aerial count, fixed wing - Good      |                                      | Barrett et al. (1985)   |
|                             | 1984 | 8/08 |         | 85      |      |      |      |                                      |                                      | ADF&G (1985c)-TALK,TAB  |
|                             | 1984 | 8/15 |         | 40      |      |      |      |                                      |                                      | ADF&G (1985c)-TALK,TAB  |

Appendix Table I-3 (Continued).

| LOCATION CODE / STREAM NAME                 | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD           | COMMENTS                         | DATA SOURCE             |
|---|------|------|---------|---------|------|------|------|-------------------------|----------------------------------|-------------------------|
| 247-41-10200-2370-3301-0010                 |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3301-0020<br>Stephan Lake | Hist |      |         |         |      |      |      |                         | Max. count 6,500 sockeye (1951)  |                         |
|   | 1972 | 8/21 |         | 38      |      |      |      | Boat survey             |                                  | Barrett (1973a)         |
|   | 1972 | 9/07 | 0       | 0       | 0    | 0    | 0    | Aerial count, Super Cub |                                  | Barrett (1973a)         |
|   | 1972 |      |         | 166     |      |      |      |                         | Peak survey count                | ADF&G (1982)            |
|   | 1973 | 8/23 |         | 85      |      |      |      | Boat survey             |                                  | Barrett (1973a)         |
|   | 1973 | 9/06 |         | 106     |      |      |      | Boat survey             |                                  | Barrett (1973a)         |
|   | 1973 | 9/17 |         | 128     |      |      |      | Boat survey             |                                  | Barrett (1973a)         |
|   | 1973 |      |         | 234     |      |      |      |                         | Peak survey count                | ADF&G (1982)            |
|   | 1974 | 8/25 |         | 13      |      |      |      | Boat survey             |                                  | Barrett (1975a)         |
|   | 1974 | 9/05 |         | 18      |      |      |      | Boat survey             |                                  | Barrett (1975a)         |
|   | 1974 | 9/17 |         | 27      |      |      |      | Boat survey             |                                  | Barrett (1975a)         |
|   | 1974 |      |         | 78      |      |      |      |                         | Peak survey count                | ADF&G (1982)            |
|   | 1975 | 8/24 |         | 124     |      |      |      |                         |                                  | ADF&G (1982)            |
|   | 1975 | 9/03 |         | 155     |      |      |      |                         |                                  | ADF&G (1982)            |
|   | 1975 | 9/27 |         | 136     |      |      |      |                         |                                  | ADF&G (1982)            |
|   | 1975 |      |         | 212     |      |      |      | Boat survey             |                                  | Friese (1976a)          |
|   | 1976 | 8/25 |         | 197     |      |      |      |                         |                                  | ADF&G (1982)            |
|   | 1976 | 9/10 |         | 346     | 11   |      |      |                         |                                  | ADF&G (1982)            |
|   | 1976 |      |         | 381     |      |      |      | Boat survey             |                                  | Friese (1976b)          |
|   | 1977 | 8/27 |         | 419     |      |      |      |                         |                                  | Namtvedt et al. (1979)  |
|   | 1978 | 9/12 |         | 1022    | 2    |      |      |                         |                                  | Waltemyer et al. (1980) |
|   | 1980 | 8/18 |         | 220     |      |      |      |                         |                                  | Tarbox et al. (1983)    |
|   | 1981 | 8/25 |         | 475     |      |      |      |                         |                                  | Tarbox et al. (1983)    |
|   | 1983 | 8/23 | 0       | 0       | 0    | 0    | 0    |                         | No counts, bad weather           | ADF&G (1985c)-TALK,TAB  |
|   | 1984 | 8/08 |         | 0       |      |      |      |                         | Visibility poor                  | ADF&G (1985c)-TALK,TAB  |
|   | 1984 | 8/15 |         | 150     |      |      |      |                         | Includes 140 fish in Murder Lake | ADF&G (1985c)-TALK,TAB  |
| 247-41-10200-2370-3301-4021                 |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3301-4034                 |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3301-4044                 |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3320                      |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3328                      |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3332                      |      |      |         |         |      |      |      |                         |                                  |                         |
| 247-41-10200-2370-3340                      |      |      |         |         |      |      |      |                         |                                  |                         |

Appendix Table 1-3 (Continued).

| LOCATION CODE / STREAM NAME | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD | COMMENTS | DATA SOURCE |
|-----------------------------|------|------|---------|---------|------|------|------|---------------|----------|-------------|
| 247-41-10200-2370-3350      |      |      |         |         |      |      |      |               |          |             |

Appendix Table 1-5. Escapement survey counts of adult salmon in Susitna River sloughs, side channels, and the mainstem between river mile (RM) 28.0 and RM 161.0.  
All data presented for 1981-1984 represent the peak total counts (live fish + dead fish) observed.

| LOCATION NAME / (RIVER MILE)            | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                 | COMMENTS                     | DATA SOURCE           |
|---|------|-------|---------|---------|------|------|------|---------------------------------|------------------------------|-----------------------|
| Rustic Wilderness Slough<br>(RM 57.0)   | 1984 | 10/13 | 0       | 0       | 6    | 0    | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
| Caswell Side Channel Mouth<br>(RM 62.1) | 1984 | 10/09 | 0       | 0       | 0    | 8    | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
| Caswell Creek Slough<br>(RM 63.2)       | 1984 | 10/11 | 0       | 0       | 0    | 4    | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
| Mainstem<br>(RM 68.3)                   | 1981 | 9/21  | 0       | 0       | 0    | 6    | 0    | Ground survey - 0.5 miles       | S22 N05 W13 AAB,<br>Spawning | ADF&G (1981)          |
| Unnamed Side Channel<br>(RM 71.6)       | 1984 | 10/09 | 0       | 0       | 0    | 4    | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
| Mid-Chan N Goose Sl<br>(RM 73.9)        | 1984 | 10/10 | 0       | 0       | 0    | 3    | 0    | Ground survey - Poor, 100%      | Spawning site                | Barrett et al. (1985) |
| SW of Circular Side Chan<br>(RM 74.4)   | 1984 | 9/25  | 0       | 0       | 0    | 36   | 0    | Ground survey - Good, 100%      |                              | Barrett et al. (1985) |
| Goose Creek Slough<br>(RM 74.5)         | 1984 | 10/01 | 0       | 0       | 4    | 0    | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
|   | 1984 | 10/08 | 0       | 0       | 0    | 16   | 0    | Ground survey - Fair, 100%      | Spawning site                | Barrett et al. (1985) |
| Circular Side Channel<br>(RM 75.3)      | 1984 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
|   | 1984 | 9/25  | 0       | 0       | 0    | 89   | 2    | Ground survey - Good, 50%       | Spawning site                | Barrett et al. (1985) |
| Mainstem<br>(RM 76.6)                   | 1981 | 9/21  | 0       | 0       | 2    | 1    | 0    | Electroshocking - 1.0 mile      | S23 N04 W07 BBD,<br>Spawning | ADF&G (1981)          |
|   | 1981 | 9/27  | 0       | 0       | 0    | 16   | 0    | Ground survey - 0.5 miles       | S23 N04 W07 BBD,<br>Spawning | ADF&G (1981)          |
| Sauna Slough Mouth<br>(RM 79.2)         | 1984 | 9/18  | 0       | 0       | 4    | 18   | 0    | Ground survey - Good, 100%      | Spawning site                | Barrett et al. (1985) |
|   | 1984 | 10/08 | 0       | 0       | 0    | 7    | 0    | Ground survey - Fair, 100%      | Spawning site                | Barrett et al. (1985) |
| Whitefish Slough<br>(RM 79.4)           | 1984 | 8/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100%      |                              | Barrett et al. (1985) |
|   | 1984 | 8/25  | 0       | 0       | 0    | 1    | 2    | Ground survey - Poor, 15%       |                              | Barrett et al. (1985) |
|   | 1984 | 9/18  | 0       | 0       | 0    | 1    | 0    | Ground survey - Good, 22%       |                              | Barrett et al. (1985) |
|   | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% |                              | Barrett et al. (1985) |
| Mainstem<br>(RM 83.3)                   | 1981 | 9/05  | 0       | 0       | 0    | 17   | 0    | Ground survey - 0.5 miles       | S24 N05 W15 BCC<br>Spawning  | ADF&G (1981)          |

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Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE)            | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                 | COMMENTS                          | DATA SOURCE           |
|---|------|-------|---------|---------|------|------|------|---------------------------------|-----------------------------------|-----------------------|
| Sunset Side Channel<br>(RM 87.0)        | 1984 | 9/21  | 0       | 0       | 0    | 173  | 14   | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 9/28  | 0       | 0       | 5    | 165  | 10   | Ground survey - Excellent, 100% | Spawning site                     | Barrett et al. (1985) |
| North Sunset Side Channel<br>(RM 87.5)  | 1984 | 9/21  | 0       | 0       | 5    | 0    | 0    | Ground survey - Good, 60%       | Spawning site                     | Barrett et al. (1985) |
| Birch Creek Slough<br>(RM 88.2)         | 1984 | 7/23  | 126     | 375     | 0    | 3    | 437  | Ground survey - Excellent, 22%  | Surveyed from mouth to confluence | Barrett et al. (1985) |
|   | 1984 | 7/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 7%        | with stream.                      | Barrett et al. (1985) |
|   | 1984 | 8/02  | 4       | 230     | 0    | 0    | 3304 | Ground survey - Good, 7%        | Only pink salmon observed         | Barrett et al. (1985) |
|   | 1984 | 8/09  | 13      | 93      | 234  | 1064 | 9917 | Ground survey - Good, 7%        | spawning.                         | Barrett et al. (1985) |
|   | 1984 | 8/16  | 0       | 6       | 75   | 476  | 6518 | Ground survey - Good, 22%       |                                   | Barrett et al. (1985) |
|   | 1984 | 8/23  | 17      | 22      | 112  | 326  | 1350 | Ground survey - Good, 17%       |                                   | Barrett et al. (1985) |
|   | 1984 | 8/31  | 4       | 0       | 119  | 175  | 507  | Ground survey - Poor, 22%       |                                   | Barrett et al. (1985) |
|   | 1984 | 9/09  | 0       | 0       | 79   | 156  | 359  | Ground survey - Poor, 17%       |                                   | Barrett et al. (1985) |
|   | 1984 | 9/16  | 0       | 0       | 40   | 117  | 161  | Ground survey - Good, 7%        |                                   | Barrett et al. (1985) |
|   | 1984 | 9/25  | 0       | 0       | 0    | 60   | 15   | Ground survey - Excellent, 22%  |                                   | Barrett et al. (1985) |
|   | 1984 | 10/01 | 0       | 0       | 16   | 538  | 0    | Ground survey - Good, 22%       |                                   | Barrett et al. (1985) |
| Lower Birch Mainstem<br>(RM 88.7)       | 1984 | 10/09 | 0       | 0       | 0    | 23   | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/11 | 0       | 0       | 0    | 23   | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
| Upper Birch Camp<br>(RM 89.5)           | 1984 | 9/29  | 0       | 0       | 0    | 12   | 0    | Ground survey - Excellent, 100% | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/09 | 0       | 0       | 0    | 12   | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
| Upper Birch Side Channel<br>(RM 90.1)   | 1984 | 10/09 | 0       | 0       | 0    | 68   | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
| Trapper Creek Side Channel<br>(RM 90.3) | 1984 | 9/23  | 0       | 0       | 0    | 795  | 0    | Ground survey - Excellent, 100% | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 9/26  | 0       | 0       | 2    | 141  | 2    | Ground survey - Excellent, 100% | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 9/28  | 0       | 0       | 0    | 4    | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/01 | 0       | 0       | 24   | 149  | 0    | Ground survey - Fair, 15%       | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/02 | 0       | 0       | 45   | 121  | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/04 | 0       | 0       | 23   | 0    | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/09 | 0       | 0       | 0    | 58   | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/10 | 0       | 0       | 117  | 0    | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
|   | 1984 | 10/11 | 0       | 0       | 0    | 12   | 0    | Ground survey - Poor, 100%      | Spawning site                     | Barrett et al. (1985) |
| Mainstem<br>(RM 92.2)                   | 1981 | 10/09 | 0       | 0       | 0    | 11   | 0    | Ground survey - 0.3 miles       | S25 N05 W13 RBC<br>Spawning       | ADF&G (1981)          |
| Beaver Dam Channel<br>(RM 95.0)         | 1984 | 9/27  | 0       | 0       | 0    | 3    | 0    | Ground survey - Good, 100%      | Spawning site                     | Barrett et al. (1985) |
| Musher Slough                           | 1984 | 9/27  | 0       | 0       | 0    | 65   | 0    | Ground survey - Excellent, 100% | Spawning site                     | Barrett et al. (1985) |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE)    | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                    | DATA SOURCE           |
|---------------------------------|------|-------|---------|---------|------|------|------|--|-----------------------------|-----------------------|
| (RM 95.2)                       | 1984 | 9/28  | 0       | 0       | 0    | 84   | 0    | Ground survey - Excellent, 100%                | Spawning site               | Barrett et al. (1985) |
| Cache Creek Slough<br>(RM 95.4) | 1984 | 9/27  | 0       | 0       | 0    | 160  | 2    | Ground survey - Excellent, 100%                | Spawning site               | Barrett et al. (1985) |
| Mainstem<br>(RM 96.8)           | 1981 | 9/02  | 0       | 0       | 0    | 1    | 0    | Ground survey - 0.3 miles                      | S26 N05 W25 BAA<br>Spawning | ADF&G (1981)          |
| Mainstem<br>(RM 97.0)           | 1981 | 9/17  | 0       | 0       | 0    | 20   | 0    | Ground survey - 0.1 miles                      | S26 N05 W26 ADB<br>Spawning | ADF&G (1981)          |
| Perdidula Slough<br>(RM 98.0)   | 1984 | 9/14  | 0       | 4       | 2    | 439  | 0    | Ground survey - Good, 100%                     | Spawning site               | Barrett et al. (1985) |
| Slough 1<br>(RM 99.6)           | 1981 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 50% surveyed             |                             | ADF&G (1981)          |
|                                 | 1981 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | ADF&G (1981)          |
|                                 | 1981 | 9/06  | 0       | 0       | 0    | 6    | 0    | Ground survey - Good, 100% surveyed            |                             | ADF&G (1981)          |
|                                 | 1981 | 9/16  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1981)          |
|                                 | 1981 | 9/24  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1981)          |
|                                 | 1981 | 10/02 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1981)          |
|                                 | 1982 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                                 | 1982 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                                 | 1982 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                             | ADF&G (1983b)         |
|                                 | 1982 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                             | ADF&G (1983b)         |
|                                 | 1982 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                             | ADF&G (1983b)         |
|                                 | 1982 | 9/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                                 | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 100% surveyed |                             | ADF&G (1983b)         |
|                                 | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1984) |
|                                 | 1983 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1984) |
|                                 | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1984) |
|                                 | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                                 | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 60% surveyed        |                             | Barrett et al. (1984) |
|                                 | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                                 | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                                 | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                                 | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                                 | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                                 | 1984 | 8/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                                 | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                                 | 1984 | 9/06  | 0       | 10      | 0    | 12   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                                 | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                             | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                           | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|------------------------------------|-----------------------|
| Slough 2<br>(RM 100.4)       | 1981 | 8/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 50% surveyed             |                                    | ADF&G (1981)          |
|                              | 1981 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | ADF&G (1981)          |
|                              | 1981 | 8/29  | 0       | 0       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey         |                                    | ADF&G (1981)          |
|                              | 1981 | 9/06  | 0       | 0       | 0    | 27   | 0    | Ground survey - Excellent, 100% survey         |                                    | ADF&G (1981)          |
|                              | 1981 | 9/16  | 0       | 0       | 0    | 6    | 0    | Ground survey - Excellent, 100% survey         |                                    | ADF&G (1981)          |
|                              | 1981 | 9/24  | 0       | 0       | 0    | 5    | 0    | Ground survey - Excellent, 100% survey         |                                    | ADF&G (1981)          |
|                              | 1981 | 10/02 | 0       | 0       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey         |                                    | ADF&G (1981)          |
|                              | 1982 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | ADF&G (1983b)         |
|                              | 1982 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | ADF&G (1983b)         |
|                              | 1982 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                                    | ADF&G (1983b)         |
|                              | 1982 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                                    | ADF&G (1983b)         |
|                              | 1982 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                                    | ADF&G (1983b)         |
|                              | 1982 | 9/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                                    | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |                                    | ADF&G (1983b)         |
|                              | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1984) |
|                              | 1983 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1984) |
|                              | 1983 | 8/29  | 0       | 0       | 0    | 10   | 0    | Ground survey - Excellent, 20% survey          |                                    | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1984) |
|                              | 1983 | 9/12  | 0       | 0       | 0    | 49   | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1984) |
|                              | 1983 | 9/19  | 0       | 0       | 0    | 21   | 0    | Ground survey - Good, 80% surveyed             |                                    | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1984) |
|                              | 1984 | 8/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1985) |
|                              | 1984 | 8/15  | 0       | 0       | 0    | 2    | 0    | Ground survey - Good, 20% surveyed             |                                    | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 0       | 0    | 13   | 0    | Ground survey - Excellent, 50% survey          |                                    | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1985) |
|                              | 1984 | 9/06  | 0       | 7       | 0    | 129  | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 4       | 0    | 26   | 0    | Ground survey - Poor, 100% surveyed            |                                    | Barrett et al. (1985) |
|                              | 1984 | 9/17  | 0       | 5       | 0    | 55   | 0    | Ground survey - Good, 100% surveyed            |                                    | Barrett et al. (1985) |
|                              | 1984 | 9/24  | 0       | 4       | 0    | 32   | 0    | Ground survey - Good, 100% surveyed            |                                    | Barrett et al. (1985) |
|                              | 1984 | 9/28  | 0       | 2       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1985) |
|                              | 1984 | 9/30  | 0       | 2       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1985) |
|                              | 1984 | 10/07 | 0       | 4       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                                    | Barrett et al. (1985) |
| Mainstem<br>(RM 100.5)       | 1981 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - 0.1 miles                      | S26 N05 W02 FDD,<br>Redds observed | ADF&G (1981)          |
| Mainstem                     | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                                    | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS   | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|------------|-----------------------|
| (RM 101.2)                   | 1984 | 9/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |            | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |            | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 89   | 0    | Aerial count, helicopter - Good                | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |            | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 16   | 0    | Aerial count, helicopter - Good                | Spawning   | Barrett et al. (1985) |
| Slough 3B<br>(RM 101.4)      | 1975 | 9/03  |         | 15      |      | 50   |      |  | Peak count | Friese (1975)         |
|                              | 1981 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 9/06  | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              | 1981 | 9/17  | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              | 1981 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              | 1981 | 10/02 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1981)          |
| A127                         | 1982 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1983 | 7/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
| Slough 3A                    | 1983 | 8/04  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/26  | 0       | 0       | 0    | 3    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 9/19  | 0       | 5       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1984 | 8/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
| Slough 3A                    | 1984 | 8/17  | 0       | 0       | 0    | 1    | 0    | Ground survey - Good, 10% surveyed             |            | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 10      | 0    | 21   | 1    | Ground survey - Excellent, 70% survey          |            | Barrett et al. (1985) |
|                              | 1984 | 9/06  | 0       | 20      | 0    | 56   | 0    | Ground survey - Excellent, 70% survey          |            | Barrett et al. (1985) |
|                              | 1984 | 9/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/24  | 0       | 0       | 0    | 0    | 28   | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1981 | 8/04  | 0       | 4       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | CODHO | CHUM | PINK | SURVEY METHOD *                        | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|-------|------|------|--|----------|-----------------------|
| (RM 101.9)                   | 1981 | 8/11  | 0       | 7       | 0     | 0    | 0    | Ground survey - Fair, 100% survey      |          | ADF&G (1981)          |
|                              | 1981 | 8/21  | 0       | 3       | 0     | 0    | 1    | Ground survey - Excellent, 100% survey |          | ADF&G (1981)          |
|                              | 1981 | 8/29  | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% survey      |          | ADF&G (1981)          |
|                              | 1981 | 9/06  | 0       | 1       | 0     | 0    | 0    | Ground survey - Fair, 100% survey      |          | ADF&G (1981)          |
|                              | 1981 | 9/17  | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% survey      |          | ADF&G (1981)          |
|                              | 1981 | 9/24  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1981)          |
|                              | 1981 | 10/02 | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% survey      |          | ADF&G (1981)          |
|                              | 1982 | 8/08  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 8/13  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 8/20  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 9/01  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 9/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 9/21  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1983b)         |
| A128                         | 1983 | 7/15  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 7/27  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 8/04  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 8/12  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 8/26  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 9/19  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1984 | 8/17  | 0       | 11      | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
| Slough 5<br>(RM 107.2)       | 1984 | 8/26  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
|                              | 1984 | 9/06  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 11      | 0     | 1    | 0    | Ground survey - Good, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 9/17  | 0       | 8       | 0     | 17   | 0    | Ground survey - Good, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 9/24  | 0       | 3       | 0     | 7    | 0    | Ground survey - Good, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 9/30  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
|                              | 1981 | 8/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1981)          |
|                              | 1981 | 8/19  | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% survey      |          | ADF&G (1981)          |
|                              | 1981 | 8/25  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1981)          |
|                              | 1981 | 8/28  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | ADF&G (1981)          |
|                              | 1981 | 9/22  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1981)          |
|                              | 1982 | 8/07  | 0       | 0       | 0     | 2    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 8/13  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 8/26  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | ADF&G (1983b)         |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | CODHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS   | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|-------|------|------|--|------------|-----------------------|
| A129                         | 1982 | 9/01  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/21  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0     | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1983 | 7/27  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0     | 1    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/29  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1984) |
| Slough 6<br>(RM 108.2)       | 1983 | 9/12  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 9/19  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1984 | 8/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 8/09  | 0       | 0       | 0     | 0    | 4    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
| A129                         | 1984 | 8/28  | 0       | 1       | 0     | 0    | 2    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/04  | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/17  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/24  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1974 | 8/28  |         |         |       | 1    |      | Ground survey                                  | Peak count | Barrett (1974)        |
|                              | 1981 | 8/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
| A129                         | 1981 | 8/19  | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/23  | 0       | 0       | 0     | 0    | 0    | Ground survey - Fair, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/28  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 9/22  | 0       | 0       | 0     | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              | 1982 | 8/13  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1983b)         |
| A129                         | 1982 | 8/19  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 8/26  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/01  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 9/21  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0     | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1983 | 7/27  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
| A129                         | 1983 | 8/07  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0     | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/29  | 0       | 0       | 0     | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | CODO | CHUM | PINK | SURVEY METHOD #                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1984 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/28  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
| Mainstem<br>(RM 110.0)       | 1984 | 9/01  | 0       | 0       | 0    | 4    | 0    | Aerial count, helicopter - Good                | Spawning | Barrett et al. (1985) |
| Mainstem<br>(RM 110.1)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
| Slough 6A<br>(RM 112.3)      | 1981 | 8/19  | 0       | 1       | 0    | 11   | 0    | Ground survey - Good, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/23  | 0       | 0       | 0    | 11   | 0    | Ground survey - Fair, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/29  | 0       | 1       | 0    | 3    | 0    | Ground survey - Fair, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1982 | 8/07  | 0       | 0       | 0    | 0    | 35   | Ground survey - Poor, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 8/13  | 0       | 0       | 35   | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 0       | 30   | 2    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/25  | 0       | 0       | 0    | 0    | 1    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 2    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0    | 6    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                   | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                              | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1984 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1985) |
|                              | 1984 | 8/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1985) |
|                              | 1984 | 8/21  | 0       | 0       | 3    | 0    | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1985) |
|                              | 1984 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1985) |
|                              | 1984 | 9/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1985) |
|                              | 1984 | 9/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1985) |
| Slough 8<br>(RM 113.7)       | 1981 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | ADF&G (1981)          |
|                              | 1981 | 8/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | ADF&G (1981)          |
|                              | 1981 | 8/29  | 0       | 0       | 0    | 268  | 25   | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/05  | 0       | 0       | 0    | 302  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/13  | 0       | 0       | 0    | 151  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/21  | 0       | 0       | 0    | 96   | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/28  | 0       | 0       | 0    | 16   | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
| A131                         | 1982 | 7/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed               |          | ADF&G (1983b)         |
|                              | 1982 | 8/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed               |          | ADF&G (1983b)         |
|                              | 1982 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |          | ADF&G (1983b)         |
|                              | 1982 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 9/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed               |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1983 | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1984 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE | CHINOOK | Sockeye | Coho | Chum | Pink | SURVEY METHOD *                        | COMMENTS                     | DATA SOURCE           |
|------------------------------|------|------|---------|---------|------|------|------|--|------------------------------|-----------------------|
| Mainstem<br>(RM 114.0)       | 1984 | 8/14 | 0       | 0       | 0    | 15   | 1    | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |
|                              | 1984 | 8/21 | 0       | 0       | 0    | 52   | 0    | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |
|                              | 1984 | 9/05 | 0       | 2       | 0    | 65   | 0    | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |
|                              | 1984 | 9/16 | 0       | 0       | 0    | 46   | 0    | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |
|                              | 1984 | 9/21 | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |
|                              | 1984 | 9/24 | 0       | 0       | 0    | 11   | 0    | Ground survey - Good, 100% surveyed    |                              | Barrett et al. (1985) |
| Mainstem<br>(RM 114.4)       | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/01 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/15 | 0       | 0       | 0    | 46   | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/29 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
| Mainstem<br>(RM 114.4)       | 1982 | 9/02 | 0       | 0       | 1    | 8    | 0    | Electroshocking - 200 yards            | S28 N04 W06 CAB.             | ADF&G (1983a)         |
|                              | 1982 | 9/02 | 0       | 0       | 0    | 10   | 0    | Boat survey - 200 yards                | Spawning<br>S28 N04 W06 CAB. | ADF&G (1983a)         |
| Mainstem<br>(RM 114.5)       | 1984 | 9/01 | 0       | 0       | 0    | 8    | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 69   | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 5    | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
| Mainstem<br>(RM 115.0)       | 1984 | 9/08 | 0       | 0       | 0    | 8    | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
| Mainstem<br>(RM 115.0)       | 1983 | 9/12 | 0       | 0       | 0    | 20   | 0    | Ground survey - 300 yards              | S07 N28 W04 BCD,<br>Spawning | Barrett et al. (1984) |
| Mainstem<br>(RM 115.4)       | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/01 | 0       | 0       | 0    | 15   | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 7    | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
|                              | 1984 | 9/15 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                              | Barrett et al. (1985) |
|                              | 1984 | 9/29 | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good        | Spawning                     | Barrett et al. (1985) |
| Mainstem<br>(RM 117.6)       | 1981 | 9/23 | 0       | 0       | 6    | 0    | 0    | Drift gill net - 0.01 miles            | S29 N13 W28 RBC              | ADF&G (1981)          |
| Bushrod Slough<br>(RM 117.8) | 1984 | 8/13 | 0       | 0       | 0    | 27   | 10   | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |
|                              | 1984 | 8/20 | 0       | 0       | 0    | 90   | 6    | Ground survey - Excellent, 100% survey |                              | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD #                         | COMMENTS                    | DATA SOURCE           |
|------------------------------|------|------|---------|---------|------|------|------|---|-----------------------------|-----------------------|
| Mainstem<br>(RM 118.9)       | 1984 | 8/27 | 0       | 0       | 0    | 22   | 0    | Ground survey - Good, 100% surveyed     |                             | Barrett et al. (1985) |
|                              | 1984 | 9/05 | 0       | 0       | 0    | 24   | 0    | Ground survey - Excellent, 100% survey  |                             | Barrett et al. (1985) |
|                              | 1984 | 9/16 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed     |                             | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed     |                             | Barrett et al. (1985) |
|                              | 1984 | 9/24 | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed     |                             | Barrett et al. (1985) |
| Mainstem<br>(RM 119.0)       | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/01 | 0       | 0       | 0    | 5    | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 21   | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/15 | 0       | 0       | 0    | 10   | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/29 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
| Mainstem<br>(RM 119.0)       | 1983 | 9/19 | 0       | 0       | 0    | 17   | 0    | Ground survey - 1/8 mile                | S16 N29 W04 CDD<br>Spawning | Barrett et al. (1984) |
| Mainstem<br>(RM 119.1)       | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/01 | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 15   | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/15 | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/29 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
| Mainstem<br>(RM 119.4)       | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/01 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/15 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/29 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good         |                             | Barrett et al. (1985) |
| Mainstem<br>(RM 121.6)       | 1984 | 9/15 | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good         | Spawning                    | Barrett et al. (1985) |
| Slough BD<br>(RM 121.8)      | 1981 | 8/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed     |                             | ADF&G (1981)          |
|                              | 1981 | 8/07 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1981)          |
|                              | 1981 | 8/20 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1981)          |
|                              | 1981 | 8/27 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1981)          |
| Mainstem<br>(RM 122.0)       | 1982 | 8/06 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1983b)         |
|                              | 1982 | 8/15 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1983b)         |
|                              | 1982 | 8/22 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1983b)         |
|                              | 1982 | 8/29 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1983b)         |
|                              | 1982 | 9/12 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 50% surveyed |                             | ADF&G (1983b)         |
|                              | 1982 | 9/14 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey  |                             | ADF&G (1983b)         |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1982 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |          | ADF&G (1983b)         |
| A134                         | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/03  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
| Slough BC<br>(RM 121.9)      | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/31  | 0       | 0       | 0    | 11   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/06  | 0       | 0       | 0    | 49   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1981 | 8/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/29  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/12  | 0       | 2       | 0    | 48   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/14  | 0       | 1       | 0    | 31   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | Sockeye | Coho | Chum | Pink | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
| Slough BB<br>(RM 122.2)      | 1983 | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 4    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/17  | 0       | 0       | 0    | 1    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 0       | 0    | 0    | 1    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
| A135                         | 1984 | 8/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/31  | 0       | 0       | 0    | 68   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/06  | 0       | 0       | 0    | 110  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/13  | 0       | 0       | 0    | 121  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 116  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1981 | 8/01  | 0       | 0       | 0    | 1    | 0    | Ground survey - Fair, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/07  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
| Slough BB<br>(RM 122.2)      | 1981 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/31  | 0       | 5       | 0    | 23   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/06  | 0       | 2       | 0    | 80   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/12  | 0       | 2       | 0    | 46   | 0    | Ground survey - Excellent, 50% surveyed        |          | ADF&G (1983b)         |
|                              | 1982 | 9/14  | 0       | 1       | 0    | 31   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
| A135                         | 1982 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
| A135                         | 1983 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 104  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1983 | 9/17  | 0       | 0       | 0    | 93   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/25  | 0       | 0       | 0    | 19   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 20   | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 3    | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 0       | 0    | 5    | 3    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 1       | 0    | 176  | 68   | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/31  | 0       | 0       | 0    | 400  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/06  | 0       | 0       | 0    | 349  | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 187  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/13  | 0       | 0       | 0    | 335  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 76   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 149  | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/28  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
| Moose Slough<br>(RM 123.5)   | 1981 | 8/27  | 0       | 0       | 0    | 139  | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1981)          |
|                              | 1981 | 9/04  | 0       | 0       | 0    | 167  | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1981)          |
|                              | 1981 | 9/12  | 0       | 0       | 0    | 153  | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1981)          |
|                              | 1981 | 9/21  | 0       | 0       | 0    | 92   | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1981)          |
|                              | 1981 | 9/27  | 0       | 0       | 0    | 4    | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1981)          |
|                              | 1982 | 8/06  | 1       | 0       | 0    | 2    | 8    | Ground survey - Fair, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 8/12  | 0       | 0       | 0    | 7    | 6    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 8       | 0    | 9    | 1    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1983b)         |
|                              | 1982 | 8/25  | 0       | 0       | 0    | 9    | 0    | Ground survey - Good, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 8/31  | 0       | 5       | 0    | 23   | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1983b)         |
|                              | 1982 | 9/06  | 0       | 0       | 0    | 14   | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1983b)         |
|                              | 1982 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% surveyed       |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1984) |
|                              | 1983 | 8/05  | 0       | 0       | 0    | 68   | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1984) |
|                              | 1983 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/14  | 0       | 3       | 0    | 7    | 0    | Ground survey - Poor, 20% surveyed             |          | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/17  | 0       | 0       | 0    | 8    | 0    | Ground survey - Poor, 75% surveyed             |          | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 4       | 0    | 15   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/21  | 0       | 2       | 0    | 17   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                        | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
| Mainstem<br>(RM 124.0)       | 1983 | 8/23  | 0       | 6       | 0    | 33   | 0    | Ground survey - Good, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 8/30  | 0       | 7       | 0    | 30   | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 1       | 0    | 18   | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 9/02  | 0       | 2       | 0    | 12   | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 1       | 0    | 17   | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 13      | 0    | 19   | 0    | Ground survey - Fair, 100% surveyed    |          | Barrett et al. (1984) |
|                              | 1983 | 9/07  | 0       | 19      | 0    | 12   | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 22      | 0    | 15   | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 18      | 0    | 13   | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 2       | 0    | 8    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 3    | 25   | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1985) |
| Slough A'<br>(RM 124.6)      | 1984 | 8/13  | 0       | 4       | 1    | 150  | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 8/19  | 0       | 8       | 0    | 87   | 2    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 9/03  | 0       | 0       | 0    | 76   | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
|                              | 1984 | 9/09  | 0       | 0       | 0    | 49   | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
|                              | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed    |          | Barrett et al. (1985) |
|                              | 1984 | 9/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | Barrett et al. (1985) |
|                              | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |          | Barrett et al. (1985) |
| Mainstem<br>(RM 124.0)       | 1984 | 9/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |          | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |          | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |          | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 18   | 0    | Aerial count, helicopter - Good        | Spawning | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |          | Barrett et al. (1985) |
|                              | 1981 | 8/27  | 0       | 0       | 0    | 39   | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1981)          |
| Slough A'<br>(RM 124.6)      | 1981 | 9/04  | 0       | 0       | 0    | 140  | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1981)          |
|                              | 1981 | 9/12  | 0       | 0       | 0    | 92   | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1981)          |
|                              | 1981 | 9/21  | 0       | 0       | 0    | 34   | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1981)          |
|                              | 1982 | 7/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
| Mainstem<br>(RM 124.0)       | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed    |          | ADF&G (1983b)         |
|                              | 1982 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |          | ADF&G (1983b)         |
|                              | 1982 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |          | ADF&G (1983b)         |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/05  | 0       | 0       | 0    | 4    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0    | 77   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/17  | 0       | 0       | 0    | 69   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/19  | 0       | 0       | 0    | 56   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 52   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/21  | 0       | 0       | 0    | 55   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/23  | 0       | 0       | 0    | 55   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 10   | 0    | Ground survey - Excellent, 20% surveyed        |          | Barrett et al. (1984) |
|                              | 1983 | 8/28  | 0       | 0       | 0    | 4    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/30  | 0       | 0       | 0    | 13   | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 0       | 0    | 17   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/02  | 0       | 0       | 0    | 22   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 0       | 0    | 11   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0    | 16   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/07  | 0       | 0       | 0    | 21   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 0       | 0    | 43   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
| Slough A<br>(RM 124.7)       | 1984 | 8/06  | 0       | 0       | 0    | 13   | 24   | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 0       | 0    | 111  | 23   | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/19  | 0       | 0       | 0    | 109  | 3    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/03  | 0       | 0       | 0    | 53   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
| Slough A<br>(RM 124.7)       | 1981 | 8/07  | 0       | 0       | 0    | 20   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/19  | 0       | 0       | 0    | 26   | 2    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 8/27  | 0       | 0       | 0    | 34   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 9/04  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 9/12  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 9/24  | 0       | 0       | 0    | 4    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1982 | 7/29  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR                   | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------------------------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1982                   | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982                   | 8/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982                   | 9/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982                   | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982                   | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982                   | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983                   | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983                   | 8/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983                   | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983                   | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983                   | 8/27  | 0       | 0       | 0    | 2    | 1    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983                   | 9/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983                   | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983                   | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983                   | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983                   | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1984                   | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984                   | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984                   | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984                   | 8/26  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984                   | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
| A139                         | Mainstem<br>(RM 124.9) | 1984  | 8/24    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              |                        | 1984  | 9/01    | 0       | 0    | 0    | 4    | Aerial count, helicopter - Good                | Spawning | Barrett et al. (1985) |
|                              |                        | 1984  | 9/08    | 0       | 0    | 0    | 8    | Aerial count, helicopter - Good                | Spawning | Barrett et al. (1985) |
|                              |                        | 1984  | 9/15    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              |                        | 1984  | 9/22    | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              |                        | 1984  | 9/29    | 0       | 0    | 0    | 4    | Aerial count, helicopter - Good                | Spawning | Barrett et al. (1985) |
| Slough BA<br>(RM 125.1)      | 1981                   | 8/07  | 0       | 0       | 0    | 16   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              |                        | 1981  | 8/20    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              |                        | 1981  | 8/27    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              |                        | 1981  | 9/04    | 0       | 177  | 0    | 620  | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              |                        | 1981  | 9/12    | 0       | 105  | 0    | 311  | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              |                        | 1981  | 9/21    | 0       | 38   | 0    | 7    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              |                        | 1981  | 9/27    | 0       | 9    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1982                   | 8/06  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982                   | 8/12  | 0       | 68      | 0    | 80   | 0    | Ground survey - Fair, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982                   | 8/17  | 0       | 62      | 0    | 190  | 0    | Ground survey - Good, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982                   | 8/23  | 0       | 23      | 0    | 308  | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982                   | 8/31  | 0       | 27      | 0    | 336  | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1982 | 9/06  | 0       | 35      | 0    | 305  | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/13  | 0       | 17      | 0    | 230  | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/20  | 0       | 20      | 3    | 25   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 15      | 3    | 13   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/02 | 0       | 2       | 4    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/05  | 0       | 1       | 0    | 2    | 3    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/13  | 0       | 0       | 0    | 16   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/14  | 0       | 0       | 0    | 25   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 0       | 0    | 29   | 1    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/17  | 0       | 0       | 0    | 31   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/19  | 0       | 30      | 0    | 17   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 26   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/21  | 0       | 0       | 0    | 29   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/23  | 0       | 0       | 0    | 25   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/28  | 0       | 0       | 0    | 19   | 0    | Ground survey - Fair, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/30  | 0       | 32      | 0    | 37   | 0    | Ground survey - Fair, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 30      | 0    | 34   | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 36      | 0    | 36   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 54      | 0    | 19   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/07  | 0       | 42      | 0    | 21   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 57      | 0    | 18   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 66      | 0    | 11   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 56      | 0    | 2    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 28      | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 8       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 3       | 0    | 46   | 5    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 17      | 0    | 280  | 46   | Ground survey - Excellent, 75% survey          |          | Barrett et al. (1985) |
|                              | 1984 | 8/19  | 0       | 59      | 0    | 593  | 134  | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/03  | 0       | 128     | 0    | 917  | 3    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/09  | 0       | 125     | 0    | 562  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/20  | 0       | 40      | 0    | 20   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/26  | 0       | 45      | 0    | 27   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 10/04 | 0       | 3       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 10/11 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
| Slough B<br>(RM 126.3)       | 1982 | 8/12  | 0       | 0       | 0    | 1    | 32   | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/19  | 0       | 2       | 0    | 11   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 1       | 0    | 47   | 12   | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE     | CHINOOK | SOCKEYE | CODD | CHUM | PINK | SURVEY METHOD *                              | COMMENTS   | DATA SOURCE           |
|------------------------------|------|----------|---------|---------|------|------|------|--|------------|-----------------------|
|                              | 1982 | 8/31     | 0       | 0       | 0    | 25   | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1983b)         |
|                              | 1982 | 9/05     | 0       | 8       | 0    | 58   | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1983b)         |
|                              | 1982 | 9/13     | 0       | 6       | 0    | 22   | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1983b)         |
|                              | 1982 | 9/20     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1983b)         |
|                              | 1982 | 9/25     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1983b)         |
|                              | 1982 | 10/02    | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1983b)         |
|                              | 1982 | 10/25    | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% survey |            | ADF&G (1983b)         |
|                              | 1983 | 7/26     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1984) |
|                              | 1983 | 8/13     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1984) |
|                              | 1983 | 8/20     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1984) |
|                              | 1983 | 9/03     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1984) |
|                              | 1983 | 9/11     | 0       | 2       | 0    | 7    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1984) |
|                              | 1983 | 9/18     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1984) |
|                              | 1983 | 10/01    | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1984) |
|                              | 1983 | 10/08    | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1984) |
|                              | 1984 | 8/06     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1985) |
|                              | 1984 | 8/13     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1985) |
|                              | 1984 | 8/20     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1985) |
|                              | 1984 | 8/21     | 0       | 0       | 0    | 32   | 0    | Ground survey - Good, 50% surveyed           |            | Barrett et al. (1985) |
|                              | 1984 | 8/26     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey            |            | Barrett et al. (1985) |
|                              | 1984 | 9/04     | 0       | 9       | 0    | 108  | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1985) |
|                              | 1984 | 9/11     | 0       | 4       | 0    | 30   | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1985) |
|                              | 1984 | 9/21     | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1985) |
|                              | 1984 | 9/27     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey       |            | Barrett et al. (1985) |
| Mainstem<br>(RM 127.8)       | 1984 | 9/15     | 0       | 0       | 0    | 4    | 0    | Aerial count, helicopter - Good              | Spawning   | Barrett et al. (1985) |
| Mainstem<br>(RM 128.3)       | 1984 | 9/08     | 0       | 0       | 0    | 73   | 0    | Aerial count, helicopter - Good              | Spawning   | Barrett et al. (1985) |
| Slough 9<br>(RM 128.3)       | 1974 | 9/5      |         |         |      | 511  |      | Ground survey                                | Peak count | Barrett (1974)        |
|                              | 1974 | 9/5&9/12 |         | 8       |      |      |      | Ground survey                                | Peak count | Barrett (1974)        |
|                              | 1975 | 9/27     |         |         |      | 181  |      |  |            | Friese (1975)         |
|                              | 1981 | 8/07     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 10% surveyed           |            | ADF&G (1981)          |
|                              | 1981 | 8/11     | 0       | 0       | 0    | 5    | 0    | Ground survey - Fair, 100% surveyed          |            | ADF&G (1981)          |
|                              | 1981 | 8/20     | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed          |            | ADF&G (1981)          |
|                              | 1981 | 8/23     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 50% surveyed      |            | ADF&G (1981)          |
|                              | 1981 | 9/04     | 0       | 10      | 0    | 260  | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1981)          |
|                              | 1981 | 9/12     | 0       | 6       | 0    | 71   | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1981)          |
|                              | 1981 | 9/20     | 0       | 10      | 0    | 16   | 0    | Ground survey - Excellent, 100% survey       |            | ADF&G (1981)          |

Appendix Table 1-5 (Continued).

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| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                    | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|-----------------------------|-----------------------|
|                              | 1981 | 9/27  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1981)          |
|                              | 1982 | 8/06  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 8/17  | 0       | 0       | 0    | 21   | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 1       | 0    | 47   | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 8/30  | 0       | 5       | 0    | 211  | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 9/05  | 0       | 3       | 0    | 300  | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 9/13  | 0       | 3       | 0    | 295  | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |                             | ADF&G (1983b)         |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 0       | 0    | 5    | 0    | Ground survey - Poor, 50% surveyed             |                             | Barrett et al. (1984) |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 51   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey              |                             | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% survey              |                             | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 0       | 0    | 152  | 0    | Ground survey - Good, 100% surveyed            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/07  | 0       | 2       | 0    | 162  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 156  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 1       | 0    | 169  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 165  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 0       | 0    | 4    | 1    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/04  | 0       | 6       | 0    | 350  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/11  | 0       | 0       | 0    | 138  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
| Mainstem<br>(RM 128.6)       | 1982 | 9/05  | 0       | 0       | 0    | 10   | 0    | Ground survey - 200 yards                      | 530 N03 W16 BEA<br>Spawning | ADF&G (1983a)         |
|                              | 1982 | 9/07  | 0       | 0       | 0    | 7    | 0    | Ground survey - 200 yards                      | 530 N03 W16 BEA<br>Spawning | ADF&G (1983a)         |
|                              | 1984 | 8/24  | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good                |                             | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 27   | 0    | Aerial count, helicopter - Good                | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 15   | 0    | Aerial count, helicopter - Good                | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 77   | 0    | Aerial count, helicopter - Good                | Spawning                    | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                             | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                             | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|--------------------------------------|-----------------------|
| Mainstem (RM 128.7)          | 1984 | 9/29  | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good                | Spawning                             | Barrett et al. (1985) |
| Mainstem (RM 129.2)          | 1981 | 9/08  | 0       | 0       | 1    | 2    | 0    | Drift gill net - 0.1 miles                     | S30 N03 W09 8<br>Numerous redds seen | ADF&G (1981)          |
| Slough 9B (RM 129.2)         | 1981 | 8/11  | 0       | 27      | 0    | 58   | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1981 | 8/23  | 0       | 47      | 0    | 90   | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1981 | 8/27  | 0       | 81      | 0    | 71   | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1981 | 9/04  | 0       | 71      | 0    | 49   | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1981 | 9/12  | 0       | 62      | 0    | 26   | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1981 | 9/20  | 0       | 54      | 0    | 7    | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1981 | 9/27  | 0       | 35      | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1981)                         |                       |
|                              | 1982 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1983b)                        |                       |
|                              | 1982 | 9/19  | 0       | 1       | 0    | 5    | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1983b)                        |                       |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | ADF&G (1983b)                        |                       |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% survey   | ADF&G (1983b)                        |                       |
|                              | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            | Barrett et al. (1984)                |                       |
|                              | 1983 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1984)                |                       |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            | Barrett et al. (1984)                |                       |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            | Barrett et al. (1984)                |                       |
|                              | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1984)                |                       |
|                              | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1984)                |                       |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1984)                |                       |
|                              | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            | Barrett et al. (1984)                |                       |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1984)                |                       |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1985)                |                       |
|                              | 1984 | 8/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            | Barrett et al. (1985)                |                       |
|                              | 1984 | 8/14  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            | Barrett et al. (1985)                |                       |
|                              | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            | Barrett et al. (1985)                |                       |
|                              | 1984 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1985)                |                       |
|                              | 1984 | 8/26  | 0       | 7       | 0    | 73   | 0    | Ground survey - Good, 100% surveyed            | Barrett et al. (1985)                |                       |
|                              | 1984 | 9/01  | 0       | 6       | 0    | 63   | 0    | Ground survey - Good, 100% surveyed            | Barrett et al. (1985)                |                       |
|                              | 1984 | 9/08  | 0       | 7       | 0    | 25   | 0    | Aerial count, helicopter - Good, 100% surveyed | Barrett et al. (1985)                |                       |
|                              | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         | Barrett et al. (1985)                |                       |
| Mainstem (RM 129.8)          | 1982 | 9/12  | 0       | 0       | 0    | 5    | 0    | Ground survey - 800 yards                      | S30 N03 W09 DAB<br>Spawning          | ADF&G (1983a)         |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                 | COMMENTS                            | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|---------------------------------|-------------------------------------|-----------------------|
| Mainstem<br>(RM 130.0)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good | Spawning                            | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 18   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 1    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
| Mainstem<br>(RM 130.5)       | 1984 | 9/08  | 0       | 0       | 0    | 5    | 0    | Aerial count, helicopter - Good | Spawning                            | Barrett et al. (1985) |
| Mainstem<br>(RM 131.0)       | 1981 | 9/08  | 0       | 0       | 0    | 3    | 0    | Drift gill net - 0.1 miles      | S30 N03 W10 B<br>Redds not visible  | ADF&G (1981)          |
|                              | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 16   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 36   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 1    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
| Mainstem<br>(RM 131.0)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good | Left bank                           | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 32   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 10   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
| Mainstem<br>(RM 131.0)       | 1984 | 9/15  | 0       | 1       | 0    | 0    | 0    | Aerial count, helicopter - Good | Right bank, spawning                | Barrett et al. (1985) |
| Mainstem<br>(RM 131.1)       | 1981 | 9/07  | 0       | 0       | 0    | 3    | 0    | Drift gill net - 0.2 miles      | S30 N03 W03 DA<br>Redds not visible | ADF&G (1981)          |
|                              | 1983 | 10/01 | 0       | 0       | 2    | 4    | 0    | Ground survey - 200 yards       |                                     | Barrett et al. (1984) |
| Mainstem<br>(RM 131.2)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good | Left bank                           | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 11   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 81   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |
| Mainstem<br>(RM 131.2)       | 1984 | 9/08  | 0       | 0       | 0    | 18   | 0    | Aerial count, helicopter - Good | Spawning                            | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 15   | 0    | Aerial count, helicopter - Good |                                     | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE | CHINOOK | Sockeye | Coho | Chum | Pink | SURVEY METHOD *                        | COMMENTS                  | DATA SOURCE           |
|------------------------------|------|------|---------|---------|------|------|------|--|---------------------------|-----------------------|
| Mainstem (RM 131.3)          | 1984 | 9/29 | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.3)          | 1982 | 8/19 | 0       | 0       | 0    | 3    | 0    | Electroshocking - 80 yards             | S30 N03 W03 DAD, Spawning | ADF&G (1983a)         |
| Mainstem (RM 131.3)          | 1982 | 9/04 | 0       | 0       | 0    | 12   | 0    | Boat survey - 100 yards                | S30 N03 W03 DAD, Spawning | ADF&G (1983a)         |
| Mainstem (RM 131.3)          | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                           | Barrett et al. (1985) |
| Mainstem (RM 131.3)          | 1984 | 9/01 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                           | Barrett et al. (1985) |
| Mainstem (RM 131.3)          | 1984 | 9/08 | 0       | 0       | 0    | 57   | 0    | Aerial count, helicopter - Good        |                           | Barrett et al. (1985) |
| Mainstem (RM 131.3)          | 1984 | 9/15 | 0       | 0       | 0    | 13   | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.3)          | 1984 | 9/22 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.3)          | 1984 | 9/29 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                           | Barrett et al. (1985) |
| Mainstem (RM 131.5)          | 1984 | 8/24 | 0       | 0       | 2    | 5    | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.5)          | 1984 | 9/15 | 0       | 0       | 0    | 102  | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.6)          | 1984 | 9/08 | 0       | 0       | 0    | 60   | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.7)          | 1984 | 9/08 | 0       | 0       | 0    | 19   | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.7)          | 1984 | 9/15 | 0       | 0       | 0    | 20   | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 131.7)          | 1984 | 9/22 | 0       | 0       | 0    | 7    | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Mainstem (RM 132.9)          | 1984 | 9/15 | 0       | 0       | 0    | 28   | 0    | Aerial count, helicopter - Good        | Spawning                  | Barrett et al. (1985) |
| Slough 9A (RM 133.3)         | 1981 | 7/31 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1981)          |
| Slough 9A (RM 133.3)         | 1981 | 8/20 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1981)          |
| Slough 9A (RM 133.3)         | 1981 | 8/27 | 0       | 2       | 0    | 71   | 0    | Ground survey - Excellent, 20% survey  |                           | ADF&G (1981)          |
| Slough 9A (RM 133.3)         | 1981 | 9/04 | 0       | 1       | 0    | 68   | 0    | Ground survey - Excellent, 20% survey  |                           | ADF&G (1981)          |
| Slough 9A (RM 133.3)         | 1981 | 9/12 | 0       | 2       | 0    | 64   | 0    | Ground survey - Poor, 80% surveyed     |                           | ADF&G (1981)          |
| Slough 9A (RM 133.3)         | 1981 | 9/20 | 0       | 0       | 0    | 182  | 0    | Ground survey - Excellent, 100% survey |                           | ADF&G (1981)          |
| Slough 9A (RM 133.3)         | 1981 | 9/27 | 0       | 0       | 0    | 94   | 0    | Ground survey - Excellent, 100% survey |                           | ADF&G (1981)          |
|                              | 1982 | 8/06 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 8/12 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 8/17 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 8/23 | 0       | 0       | 0    | 25   | 0    | Ground survey - Good, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 8/30 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 9/05 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 9/06 | 0       | 0       | 0    | 118  | 0    | Ground survey - Excellent, 100% survey |                           | ADF&G (1983b)         |
|                              | 1982 | 9/13 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |
|                              | 1982 | 9/19 | 0       | 1       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                           | ADF&G (1983b)         |
|                              | 1982 | 9/25 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                           | ADF&G (1983b)         |

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Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE)    | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                   | COMMENTS | DATA SOURCE           |
|---------------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                                 | 1982 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 100% surveyed    |          | ADF&G (1983b)         |
|                                 | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1984) |
|                                 | 1983 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1984) |
|                                 | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1984) |
|                                 | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 9/11  | 0       | 1       | 0    | 97   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 9/18  | 0       | 0       | 0    | 105  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 10/01 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1984) |
|                                 | 1983 | 10/08 | 0       | 0       | 0    | 14   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1985) |
|                                 | 1984 | 8/10  | 0       | 0       | 0    | 46   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
|                                 | 1984 | 8/13  | 0       | 0       | 0    | 41   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
|                                 | 1984 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
|                                 | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed               |          | Barrett et al. (1985) |
|                                 | 1984 | 9/04  | 0       | 0       | 0    | 303  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
|                                 | 1984 | 9/11  | 0       | 0       | 0    | 170  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
|                                 | 1984 | 9/21  | 0       | 0       | 0    | 14   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
|                                 | 1984 | 9/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1985) |
| A146<br>Slough 10<br>(RM 133.9) | 1981 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                                 | 1981 | 8/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% survey                 |          | ADF&G (1981)          |
|                                 | 1981 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                                 | 1981 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                                 | 1981 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                                 | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 8/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 8/17  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 8/30  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                                 | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 100% survey |          | ADF&G (1983b)         |
|                                 | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 8/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                                 | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                        | COMMENTS                              | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|---------------------------------------|-----------------------|
| Mainstem<br>(RM 134.7)       | 1983 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1984) |
|                              | 1983 | 10/01 | 0       | 1       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1984) |
|                              | 1983 | 10/11 | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1984) |
| Mainstem<br>(RM 135.0)       | 1984 | 8/06  | 0       | 0       | 0    | 2    | 0    | Ground survey - Good, 100% surveyed    |                                       | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 0       | 0    | 5    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
|                              | 1984 | 8/18  | 0       | 0       | 0    | 10   | 0    | Ground survey - Poor, 100% surveyed    |                                       | Barrett et al. (1985) |
|                              | 1984 | 8/21  | 0       | 0       | 0    | 26   | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 36   | 0    | Ground survey - Fair, 100% survey      |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 29   | 0    | Ground survey - Good, 100% surveyed    |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/03  | 0       | 0       | 0    | 32   | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/04  | 0       | 0       | 0    | 32   | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | Barrett et al. (1985) |
| Mainstem<br>(RM 135.1)       | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good        | Spawning                              | Barrett et al. (1985) |
| Mainstem<br>(RM 135.2)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 8       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good        |                                       | Barrett et al. (1985) |
| Mainstem<br>(RM 135.1)       | 1984 | 9/01  | 0       | 2       | 0    | 8    | 0    | Aerial count, helicopter - Good        | Spawning                              | Barrett et al. (1985) |
| Mainstem<br>(RM 135.2)       | 1981 | 9/06  | 0       | 0       | 0    | 6    | 0    | Drift gill net - 0.1 miles             | S31 N02 W19 ADA<br>Redds not observed | ADF&G (1981)          |
| Slough 11<br>(RM 135.3)      | 1974 | 9/17  |         |         |      | 33   |      | Ground survey                          | Peak count                            | Barrett (1974)        |
|                              | 1974 | 9/22  |         | 79      |      |      |      | Ground survey                          | Peak count                            | Barrett (1974)        |
|                              | 1975 | 9/04  |         | 84      |      |      |      |  |                                       | Friese (1975)         |
| Mainstem<br>(RM 135.4)       | 1981 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | ADF&G (1981)          |
|                              | 1981 | 8/06  | 0       | 100     | 0    | 0    | 0    | Ground survey - Fair, 100% survey      |                                       | ADF&G (1981)          |
|                              | 1981 | 8/10  | 0       | 50      | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                       | ADF&G (1981)          |
|                              | 1981 | 8/20  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 100% surveyed    |                                       | ADF&G (1981)          |
|                              | 1981 | 8/22  | 0       | 259     | 0    | 282  | 0    | Ground survey - Excellent, 100% survey |                                       | ADF&G (1981)          |
|                              | 1981 | 8/27  | 0       | 378     | 0    | 411  | 0    | Ground survey - Excellent, 100% survey |                                       | ADF&G (1981)          |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                   | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|---|----------|-----------------------|
|                              | 1981 | 9/01  | 0       | 635     | 0    | 384  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/11  | 0       | 893     | 0    | 343  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/20  | 0       | 806     | 0    | 306  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1981 | 9/26  | 0       | 603     | 0    | 32   | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1981)          |
|                              | 1982 | 8/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/06  | 0       | 40      | 0    | 10   | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/11  | 0       | 116     | 0    | 20   | 39   | Ground survey - Fair, 100% survey                 |          | ADF&G (1983b)         |
|                              | 1982 | 8/17  | 0       | 196     | 0    | 43   | 131  | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 299     | 0    | 165  | 113  | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 8/30  | 0       | 456     | 0    | 411  | 87   | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 9/05  | 0       | 368     | 0    | 377  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 9/13  | 0       | 434     | 0    | 459  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 9/19  | 0       | 335     | 0    | 223  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 205     | 0    | 130  | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 10/01 | 0       | 168     | 0    | 68   | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 10/05 | 0       | 111     | 0    | 12   | 0    | Ground survey - Excellent, 100% survey            |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 100% survey |          | ADF&G (1983b)         |
| A<br>14<br>8                 | 1983 | 7/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/05  | 0       | 68      | 0    | 71   | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 8/11  | 0       | 48      | 0    | 12   | 7    | Ground survey - Excellent, 50% surveyed           |          | Barrett et al. (1984) |
|                              | 1983 | 8/12  | 0       | 52      | 0    | 33   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/13  | 0       | 36      | 0    | 55   | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 8/14  | 0       | 40      | 0    | 52   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/15  | 0       | 27      | 0    | 91   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 4       | 0    | 71   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/20  | 0       | 34      | 0    | 75   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 64      | 0    | 108  | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 56      | 0    | 78   | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 98      | 0    | 125  | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 8/28  | 0       | 92      | 0    | 138  | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 8/30  | 0       | 105     | 0    | 151  | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 109     | 0    | 138  | 0    | Ground survey - Good, 100% surveyed               |          | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 130     | 0    | 183  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/05  | 0       | 138     | 0    | 165  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/07  | 0       | 197     | 0    | 200  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 241     | 0    | 187  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 248     | 0    | 150  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 238     | 0    | 238  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 9/25  | 0       | 201     | 0    | 161  | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 124     | 0    | 80   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |
|                              | 1983 | 10/11 | 0       | 73      | 0    | 75   | 0    | Ground survey - Excellent, 100% survey            |          | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | Sockeye | Coho | Chum | Pink | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1984 | 8/06  | 0       | 0       | 0    | 54   | 6    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/13  | 0       | 3       | 0    | 422  | 102  | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 8/19  | 0       | 18      | 0    | 1235 | 121  | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 93      | 0    | 1583 | 27   | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/03  | 0       | 351     | 0    | 1560 | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 9/09  | 0       | 564     | 0    | 1066 | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 9/17  | 0       | 507     | 1    | 1586 | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/21  | 0       | 244     | 0    | 22   | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 9/26  | 0       | 156     | 0    | 5    | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 10/04 | 0       | 18      | 0    | 1    | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
|                              | 1984 | 10/10 | 0       | 4       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed       |          | Barrett et al. (1985) |
| Slough 13<br>(RM 135.7)      | 1975 | 9/25  |         |         |      | 1    |      |  |          | Friese (1975)         |
|                              | 1981 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 15% surveyed             |          | ADF&G (1981)          |
|                              | 1981 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 9/04  | 0       | 0       | 0    | 4    | 0    | Ground survey - Fair, 100% surveyed            |          | ADF&G (1981)          |
|                              | 1981 | 9/11  | 0       | 0       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1981 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1981)          |
|                              | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/01  | 0       | 0       | 0    | 4    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                   | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------------------------|-----------------------|
| Slough 14<br>(RM 135.9)      | 1984 | 8/21  | 0       | 0       | 0    | 12   | 0    | Ground survey - Good, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 8/27  | 0       | 0       | 0    | 22   | 0    | Ground survey - Good, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1985) |
| Slough 14<br>(RM 135.9)      | 1974 | 8/30  |         |         |      | 2    |      | Ground survey                                  | Peak count                 | Barrett (1974)        |
|                              | 1981 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |                            | ADF&G (1981)          |
|                              | 1981 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1981)          |
|                              | 1981 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1981)          |
|                              | 1981 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1981)          |
|                              | 1981 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1981)          |
|                              | 1981 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1981)          |
| Mainstem<br>(RM 136.0)       | 1981 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1981)          |
|                              | 1982 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 8/17  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 9/05  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 9/13  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |                            | ADF&G (1983b)         |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                            | Barrett et al. (1984) |
|                              | 1983 | 8/27  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1984) |
| Mainstem<br>(RM 136.0)       | 1983 | 9/01  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1984) |
|                              | 1983 | 9/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1984) |
|                              | 1983 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1984) |
|                              | 1984 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                            | Barrett et al. (1985) |
| Mainstem<br>(RM 136.0)       | 1984 | 8/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 8/27  | 0       | 0       | 2    | 1    | 0    | Ground survey - Good, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                            | Barrett et al. (1985) |
|                              | 1984 | 9/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                            | Barrett et al. (1985) |
|                              | 1982 | 8/12  | 0       | 0       | 4    | 14   | 20   | Electroshocking - 400 yards                    | S31 N02 W19 AD<br>Spawning | ADF&G (1983a)         |

Appendix Table I-5 (Continued).

| LOCATION NAME / (RIVER MILE)        | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                     | DATA SOURCE           |
|-------------------------------------|------|-------|---------|---------|------|------|------|--|------------------------------|-----------------------|
|                                     | 1982 | 9/04  | 0       | 0       | 0    | 50   | 0    | Boat survey - 150 yards                        | S31 N02 W19 AD<br>Spawning   | ADF&G (1983a)         |
| Mainstem Side Channel<br>(RM 136.1) | 1983 | 9/09  | 0       | 0       | 0    | 110  | 0    | Ground survey - 50 yards                       | S20 N31 W02 BBD,<br>Spawning | Barrett et al. (1984) |
|                                     | 1983 | 9/17  | 0       | 0       | 0    | 67   | 0    | Ground survey - 50 yards                       | S20 N31 W02 BBD,<br>Spawning | Barrett et al. (1984) |
|                                     | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                              | Barrett et al. (1985) |
|                                     | 1984 | 9/01  | 0       | 0       | 0    | 131  | 0    | Aerial count, helicopter - Good                | Spawning                     | Barrett et al. (1985) |
|                                     | 1984 | 9/08  | 0       | 0       | 0    | 49   | 0    | Aerial count, helicopter - Good                | Spawning                     | Barrett et al. (1985) |
|                                     | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                              | Barrett et al. (1985) |
|                                     | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                              | Barrett et al. (1985) |
|                                     | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                              | Barrett et al. (1985) |
| Mainstem<br>(RM 136.3)              | 1984 | 9/08  | 0       | 0       | 0    | 31   | 0    | Aerial count, helicopter - Good                | Spawning                     | Barrett et al. (1985) |
| Mainstem<br>(RM 136.5)              | 1984 | 9/15  | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good                | Spawning                     | Barrett et al. (1985) |
| Mainstem<br>(RM 136.8)              | 1983 | 9/09  | 0       | 0       | 0    | 12   | 0    | Ground survey - 100 yards                      | S20 N31 W02 BAA,<br>Spawning | Barrett et al. (1984) |
| Slough 15<br>(RM 137.2)             | 1975 | 9/06  |         |         |      | 1    |      |  |                              | Friese (1975)         |
|                                     | 1981 | 7/31  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |                              | ADF&G (1981)          |
|                                     | 1981 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                              | ADF&G (1981)          |
|                                     | 1981 | 8/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |                              | ADF&G (1981)          |
|                                     | 1981 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                              | ADF&G (1981)          |
|                                     | 1981 | 8/26  | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1981)          |
|                                     | 1981 | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1981)          |
|                                     | 1981 | 9/19  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1981)          |
|                                     | 1982 | 8/04  | 0       | 0       | 0    | 0    | 24   | Ground survey - Fair, 100% surveyed            |                              | ADF&G (1983b)         |
|                                     | 1982 | 8/11  | 0       | 0       | 14   | 0    | 132  | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 8/17  | 0       | 0       | 5    | 1    | 2    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 8/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 9/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                              | ADF&G (1983b)         |
|                                     | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Poor, 100% surveyed |                              | ADF&G (1983b)         |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE      | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS   | DATA SOURCE           |
|------------------------------|------|-----------|---------|---------|------|------|------|--|------------|-----------------------|
| A152 Slough 16<br>(RM 137.3) | 1983 | 7/25      | 1       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/04      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 8/11      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/18      | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 8/25      | 0       | 0       | 0    | 2    | 1    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 9/03      | 0       | 0       | 14   | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 9/09      | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 9/15      | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983 | 9/24      | 0       | 0       | 2    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 10/03     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983 | 10/08     | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1984 | 8/08      | 0       | 1       | 10   | 100  | 500  | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
| A152 Slough 16<br>(RM 137.3) | 1984 | 8/17      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 8/24      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/02      | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/10      | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984 | 9/20      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1984 | 9/26      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1974 | 8/19&8/30 |         |         |      | 2    |      | Ground survey                                  | Peak count | Barrett (1974)        |
| A152 Slough 16<br>(RM 137.3) | 1975 | 8/26      |         |         |      | 12   |      |  |            | Friese (1975)         |
|                              | 1981 | 8/06      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/10      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/21      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 8/26      | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 9/03      | 0       | 0       | 0    | 3    | 0    | Ground survey - Fair, 100% surveyed            |            | ADF&G (1981)          |
|                              | 1981 | 9/19      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              | 1981 | 9/26      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              | 1982 | 8/04      | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed            |            | ADF&G (1983b)         |
|                              | 1982 | 8/11      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
| A152 Slough 16<br>(RM 137.3) | 1982 | 8/17      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 8/23      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 8/30      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 9/04      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 9/12      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 9/18      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 9/25      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              | 1982 | 10/25     | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1983 | 7/25      | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR                              | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                        | COMMENTS                           | DATA SOURCE           |
|------------------------------|-----------------------------------|-------|---------|---------|------|------|------|--|------------------------------------|-----------------------|
|                              | 1983                              | 8/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1984) |
|                              | 1983                              | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                                    | Barrett et al. (1984) |
|                              | 1983                              | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1984) |
|                              | 1983                              | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                                    | Barrett et al. (1984) |
|                              | 1983                              | 9/03  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                                    | Barrett et al. (1984) |
|                              | 1983                              | 9/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1984) |
|                              | 1983                              | 9/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1984) |
|                              | 1983                              | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1984) |
|                              | 1983                              | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1984) |
|                              | 1984                              | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                                    | Barrett et al. (1985) |
|                              | 1984                              | 8/17  | 0       | 0       | 0    | 14   | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1985) |
|                              | 1984                              | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed    |                                    | Barrett et al. (1985) |
|                              | 1984                              | 9/01  | 0       | 0       | 0    | 15   | 0    | Ground survey - Good, 100% surveyed    |                                    | Barrett et al. (1985) |
|                              | 1984                              | 9/02  | 0       | 0       | 0    | 7    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1985) |
|                              | 1984                              | 9/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed    |                                    | Barrett et al. (1985) |
|                              | 1984                              | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1985) |
|                              | 1984                              | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey |                                    | Barrett et al. (1985) |
| A153                         | Mainstem<br>(RM 137.4)            | 1982  | 8/19    | 0       | 0    | 0    | 25   | 0 Electroshocking - 200 yards          | S31 N02 W17 DBB,<br>Spawning       | ADF&G (1983a)         |
|                              | Mainstem<br>(RM 138.2)            | 1982  | 9/27    | 0       | 0    | 0    | 0    | 0 Ground survey - 200 yards            | S31 N02 W16 BBB,<br>Eyed egg found | ADF&G (1983a)         |
|                              | Mainstem<br>(RM 138.3)            | 1984  | 8/24    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/01    | 0       | 0    | 0    | 3    | 0 Aerial count, helicopter - Good      | Spawning                           | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/08    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/15    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/22    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/29    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              | Mainstem<br>(RM 138.6 - RM 138.9) | 1983  | 9/15    | 0       | 11   | 0    | 56   | 0 Ground survey - 1/4 mile             | S09 N31 W02 DCB,<br>Spawning       | Barrett et al. (1984) |
|                              | Mainstem<br>(RM 138.7)            | 1984  | 8/24    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/01    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/08    | 0       | 0    | 0    | 21   | 0 Aerial count, helicopter - Good      | Spawning                           | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/15    | 0       | 0    | 0    | 5    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/22    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              |                                   | 1984  | 9/29    | 0       | 0    | 0    | 0    | 0 Aerial count, helicopter - Good      |                                    | Barrett et al. (1985) |
|                              | Mainstem<br>(RM 138.8)            | 1984  | 9/15    | 0       | 4    | 0    | 36   | 0 Aerial count, helicopter - Good      | Spawning                           | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                   | COMMENTS                    | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|---|-----------------------------|-----------------------|
| Mainstem<br>(RM 138.9)       | 1982 | 9/04  | 0       | 0       | 0    | 16   | 0    | Ground survey - 200 yards                         | S31 N02 W09 D00<br>Spawning | ADF&G (1983a)         |
| Slough 17<br>(RM 138.9)      | 1974 | 9/13  |         |         | 24   |      |      | Ground survey                                     | Peak count                  | Barrett (1974)        |
|                              | 1981 | 8/06  | 0       | 0       | 0    | 9    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1981)          |
|                              | 1981 | 8/10  | 0       | 0       | 0    | 3    | 0    | Ground survey - Poor, 100% surveyed               |                             | ADF&G (1981)          |
|                              | 1981 | 8/21  | 0       | 1       | 0    | 33   | 0    | Ground survey - Excellent, 75% survey             |                             | ADF&G (1981)          |
|                              | 1981 | 8/26  | 0       | 0       | 0    | 38   | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1981)          |
|                              | 1981 | 9/03  | 0       | 5       | 0    | 37   | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1981)          |
|                              | 1981 | 9/11  | 0       | 6       | 0    | 30   | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1981)          |
|                              | 1981 | 9/19  | 0       | 3       | 0    | 4    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1981)          |
|                              | 1981 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1981)          |
|                              | 1982 | 8/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |                             | ADF&G (1983b)         |
|                              | 1982 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 8/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 8/30  | 0       | 0       | 0    | 4    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 9/04  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 9/18  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 9/23  | 0       | 0       | 0    | 21   | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 9/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 100% survey |                             | ADF&G (1983b)         |
|                              | 1983 | 7/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 8/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 8/11  | 0       | 0       | 5    | 28   | 0    | Ground survey - Good, 100% surveyed               |                             | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 1       | 0    | 33   | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 2       | 0    | 90   | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 1       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 3       | 0    | 6    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/15  | 0       | 0       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/22  | 0       | 6       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 2       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1984) |
|                              | 1984 | 8/08  | 0       | 16      | 0    | 39   | 1    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 1       | 0    | 29   | 0    | Ground survey - Excellent, 100% survey            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/24  | 0       | 15      | 0    | 70   | 0    | Ground survey - Poor, 100% surveyed               |                             | Barrett et al. (1985) |
|                              | 1984 | 9/02  | 0       | 3       | 0    | 66   | 0    | Ground survey - Good, 100% surveyed               |                             | Barrett et al. (1985) |
|                              | 1984 | 9/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Good, 100% surveyed               |                             | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                   | COMMENTS   | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|---|------------|-----------------------|
|                              | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | Barrett et al. (1985) |
|                              | 1984 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | Barrett et al. (1985) |
|                              | 1984 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | Barrett et al. (1985) |
| Mainstem<br>(RM 139.0)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 2       | 0    | 46   | 0    | Aerial count, helicopter - Good                   | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 87   | 0    | Aerial count, helicopter - Good                   | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 3       | 0    | 15   | 0    | Aerial count, helicopter - Good                   | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
| Mainstem<br>(RM 139.4)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good                   | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 37   | 0    | Aerial count, helicopter - Good                   | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                   |            | Barrett et al. (1985) |
| Slough 19<br>(RM 139.7)      | 1974 | 8/21  |         | 3       |      |      |      | Ground survey                                     | Peak count | Barrett (1974)        |
|                              | 1974 | 9/24  |         |         |      | 4    |      | Ground survey                                     | Peak count | Barrett (1974)        |
|                              | 1975 | 8/26  |         | 20      |      |      |      |   |            | Friese (1975)         |
|                              | 1981 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1981 | 8/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Fair, 100% surveyed               |            | ADF&G (1981)          |
|                              | 1981 | 8/21  | 0       | 13      | 0    | 3    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1981 | 8/26  | 0       | 20      | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1981 | 9/03  | 0       | 23      | 0    | 1    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1981 | 9/11  | 0       | 18      | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1981 | 9/19  | 0       | 8       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1981 | 9/26  | 0       | 6       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1981)          |
|                              | 1982 | 8/04  | 0       | 0       | 0    | 0    | 1    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 8/11  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 8/16  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 8/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 9/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 9/12  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 9/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 9/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 9/30  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Excellent, 100% survey |            | ADF&G (1983b)         |
|                              | 1983 | 7/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey            |            | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR                    | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS   | DATA SOURCE           |
|------------------------------|-------------------------|-------|---------|---------|------|------|------|--|------------|-----------------------|
|                              | 1983                    | 8/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 8/11  | 0       | 0       | 0    | 0    | 1    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1984) |
|                              | 1983                    | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 8/25  | 0       | 0       | 0    | 2    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 9/03  | 0       | 1       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 9/09  | 0       | 5       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 9/15  | 0       | 3       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 9/22  | 0       | 3       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1983                    | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              | 1984                    | 8/08  | 0       | 0       | 0    | 19   | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984                    | 8/17  | 0       | 0       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1984                    | 8/24  | 0       | 4       | 0    | 40   | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984                    | 9/02  | 0       | 9       | 0    | 45   | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1984                    | 9/10  | 0       | 11      | 0    | 5    | 0    | Ground survey - Good, 100% surveyed            |            | Barrett et al. (1985) |
|                              | 1984                    | 9/20  | 0       | 6       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1984                    | 9/26  | 0       | 4       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
|                              | 1984                    | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1985) |
| A<br>156                     | Slough 20<br>(RM 140.1) | 1974  | 9/05    |         |      | 107  |      | Ground survey                                  | Peak count | Barrett (1974)        |
|                              |                         | 1981  | 8/06    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              |                         | 1981  | 8/10    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              |                         | 1981  | 8/21    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1981)          |
|                              |                         | 1981  | 8/26    | 0       | 2    | 0    | 11   | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              |                         | 1981  | 9/03    | 0       | 0    | 0    | 14   | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              |                         | 1981  | 9/11    | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              |                         | 1981  | 9/19    | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1981)          |
|                              |                         | 1982  | 8/04    | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 8/11    | 0       | 0    | 0    | 51   | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 8/16    | 0       | 0    | 0    | 64   | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 8/22    | 0       | 0    | 0    | 3    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 8/30    | 0       | 0    | 0    | 3    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 9/04    | 0       | 0    | 0    | 30   | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 9/12    | 0       | 0    | 0    | 9    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 9/18    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | ADF&G (1983b)         |
|                              |                         | 1982  | 9/23    | 0       | 0    | 0    | 2    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 9/30    | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | ADF&G (1983b)         |
|                              |                         | 1982  | 10/25   | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |            | ADF&G (1983b)         |
|                              |                         | 1983  | 7/25    | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              |                         | 1983  | 8/04    | 0       | 0    | 0    | 7    | Ground survey - Excellent, 100% survey         |            | Barrett et al. (1984) |
|                              |                         | 1983  | 8/11    | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |            | Barrett et al. (1984) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                          | COMMENTS   | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|------------|-----------------------|
| Mainstem<br>(RM 140.5)       | 1983 | 8/18  | 0       | 0       | 0    | 62   | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed      |            | Barrett et al. (1984) |
|                              | 1983 | 9/03  | 0       | 0       | 0    | 63   | 0    | Ground survey - Good, 100% surveyed      |            | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 39   | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1984) |
|                              | 1983 | 9/15  | 0       | 0       | 0    | 23   | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1984) |
|                              | 1983 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1984) |
| Mainstem<br>(RM 140.8)       | 1984 | 8/08  | 0       | 0       | 0    | 39   | 37   | Ground survey - Good, 100% surveyed      |            | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 0       | 0    | 138  | 85   | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1985) |
|                              | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed      |            | Barrett et al. (1985) |
|                              | 1984 | 9/02  | 0       | 0       | 0    | 280  | 0    | Ground survey - Good, 100% surveyed      |            | Barrett et al. (1985) |
|                              | 1984 | 9/10  | 0       | 0       | 0    | 116  | 0    | Ground survey - Good, 100% surveyed      |            | Barrett et al. (1985) |
|                              | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1985) |
|                              | 1984 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed |            | Barrett et al. (1985) |
| Slough 21<br>(RM 141.0)      | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good          |            | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 6    | 0    | Aerial count, helicopter - Good          | Spawning   | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good          |            | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good          |            | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good          |            | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good          |            | Barrett et al. (1985) |
| Mainstem<br>(RM 140.8)       | 1984 | 9/15  | 0       | 0       | 0    | 2    | 0    | Aerial count, helicopter - Good          | Spawning   | Barrett et al. (1985) |
|                              | 1974 | 9/18  |         | 13      |      | 668  |      | Ground survey                            |            | Barrett (1974)        |
|                              | 1975 | 9/06  |         |         |      | 250  |      |  | Peak count | Friese (1975)         |
|                              | 1975 | 9/25  |         | 75      |      |      |      |  | Peak count | Friese (1975)         |
| Mainstem<br>(RM 140.8)       | 1981 | 8/06  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed      |            | ADF&G (1981)          |
|                              | 1981 | 8/10  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed      |            | ADF&G (1981)          |
|                              | 1981 | 8/21  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed      |            | ADF&G (1981)          |
|                              | 1981 | 8/26  | 0       | 1       | 0    | 169  | 0    | Ground survey - Excellent, 50% surveyed  |            | ADF&G (1981)          |
|                              | 1981 | 9/03  | 0       | 26      | 0    | 274  | 0    | Ground survey - Excellent, 75% surveyed  |            | ADF&G (1981)          |
|                              | 1981 | 9/11  | 0       | 38      | 0    | 136  | 0    | Ground survey - Excellent, 100% surveyed |            | ADF&G (1981)          |
|                              | 1981 | 9/19  | 0       | 33      | 0    | 67   | 0    | Ground survey - Excellent, 100% surveyed |            | ADF&G (1981)          |
|                              | 1981 | 9/26  | 0       | 3       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed |            | ADF&G (1981)          |
| Mainstem<br>(RM 140.8)       | 1982 | 8/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1982 | 8/11  | 0       | 0       | 0    | 7    | 0    | Ground survey - Good, 100% surveyed      |            | ADF&G (1983b)         |
|                              | 1982 | 8/16  | 0       | 0       | 0    | 0    | 64   | Ground survey - Excellent, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 10      | 0    | 235  | 7    | Ground survey - Excellent, 100% surveyed |            | ADF&G (1983b)         |
|                              | 1982 | 8/29  | 0       | 15      | 0    | 613  | 6    | Ground survey - Good, 100% surveyed      |            | ADF&G (1983b)         |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|----------|-----------------------|
|                              | 1982 | 9/04  | 0       | 44      | 0    | 736  | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/12  | 0       | 53      | 0    | 508  | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/18  | 0       | 32      | 0    | 36   | 0    | Ground survey - Good, 100% surveyed            |          | ADF&G (1983b)         |
|                              | 1982 | 9/23  | 0       | 19      | 0    | 31   | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 9/30  | 0       | 5       | 0    | 3    | 0    | Ground survey - Excellent, 100% survey         |          | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |          | ADF&G (1983b)         |
|                              | 1983 | 7/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/04  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/11  | 0       | 0       | 0    | 4    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/18  | 0       | 45      | 0    | 154  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 8/20  | 0       | 0       | 0    | 1    | 0    | Ground survey - Poor, 2% surveyed              |          | Barrett et al. (1984) |
|                              | 1983 | 8/22  | 0       | 34      | 0    | 81   | 0    | Ground survey - Poor, 75% surveyed             |          | Barrett et al. (1984) |
|                              | 1983 | 8/23  | 0       | 53      | 0    | 118  | 1    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 1       | 0    | 7    | 0    | Ground survey - Poor, 100% surveyed            |          | Barrett et al. (1984) |
|                              | 1983 | 9/02  | 0       | 86      | 0    | 81   | 0    | Ground survey - Excellent, 50% survey          |          | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 197     | 0    | 319  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/15  | 0       | 169     | 0    | 247  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 9/22  | 0       | 78      | 0    | 200  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 10      | 0    | 16   | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1983 | 10/08 | 0       | 0       | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1984) |
|                              | 1984 | 8/08  | 0       | 0       | 0    | 12   | 0    | Ground survey - Excellent, 35% survey          |          | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 58      | 0    | 981  | 8    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 8/24  | 0       | 12      | 0    | 458  | 0    | Ground survey - Good, 35% surveyed             |          | Barrett et al. (1985) |
|                              | 1984 | 9/02  | 0       | 115     | 0    | 2354 | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/10  | 0       | 122     | 0    | 1520 | 0    | Ground survey - Good, 100% surveyed            |          | Barrett et al. (1985) |
|                              | 1984 | 9/20  | 0       | 62      | 0    | 823  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 9/26  | 0       | 40      | 0    | 605  | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 10/03 | 0       | 20      | 0    | 1    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
|                              | 1984 | 10/08 | 0       | 6       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |          | Barrett et al. (1985) |
| Mainstem<br>(RM 141.4)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 45   | 0    | Aerial count, helicopter - Good                | Spawning | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
| Mainstem<br>(RM 141.6)       | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/08  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |
|                              | 1984 | 9/15  | 0       | 9       | 0    | 1    | 0    | Aerial count, helicopter - Good                | Spawning | Barrett et al. (1985) |
|                              | 1984 | 9/22  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |          | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE  | CHINOOK | SOCKEYE | COHO | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                    | DATA SOURCE           |
|------------------------------|------|-------|---------|---------|------|------|------|--|-----------------------------|-----------------------|
| Mainstem<br>(RM 143.3)       | 1984 | 9/29  | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Good                |                             | Barrett et al. (1985) |
|                              | 1982 | 9/04  | 0       | 0       | 0    | 22   | 0    | Ground survey - 100 yards                      | S32 N01 W31 RCB<br>Spawning | ADF&G (1983a)         |
|                              | 1984 | 9/01  | 0       | 0       | 0    | 45   | 0    | Aerial count, helicopter - Good                | Spawning                    | Barrett et al. (1985) |
| Slough 22<br>(RM 144.5)      | 1983 | 8/18  | 0       | 0       | 0    | 114  | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 98   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/15  | 0       | 0       | 0    | 51   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/22  | 0       | 0       | 0    | 11   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1984 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 0       | 0    | 38   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                              | 1984 | 8/24  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/02  | 0       | 2       | 0    | 151  | 0    | Ground survey - Good, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/10  | 0       | 1       | 0    | 7    | 0    | Ground survey - Good, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/20  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/26  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
| Slough 21A<br>(RM 145.3)     | 1981 | 8/26  | 0       | 0       | 0    | 5    | 0    | Ground survey - Poor, 100% surveyed            |                             | ADF&G (1981)          |
|                              | 1981 | 9/02  | 0       | 0       | 0    | 8    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1981)          |
|                              | 1981 | 9/11  | 0       | 0       | 0    | 5    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1981)          |
|                              | 1982 | 8/04  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 8/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 8/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 9/23  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | ADF&G (1983b)         |
|                              | 1982 | 10/25 | 0       | 0       | 0    | 0    | 0    | Aerial count, helicopter - Fair, 100% surveyed |                             | ADF&G (1983b)         |
|                              | 1983 | 8/18  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 8/25  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/02  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/09  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/15  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 9/22  | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1983 | 10/03 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1984) |
|                              | 1984 | 8/08  | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 8/17  | 0       | 0       | 0    | 10   | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |

Appendix Table 1-5 (Continued).

| LOCATION NAME / (RIVER MILE) | YEAR | DATE | CHINOOK | SOCKEYE | CODD | CHUM | PINK | SURVEY METHOD *                                | COMMENTS                    | DATA SOURCE           |
|------------------------------|------|------|---------|---------|------|------|------|--|-----------------------------|-----------------------|
| Mainstem<br>(RM 148.2)       | 1984 | 8/24 | 0       | 0       | 0    | 0    | 0    | Ground survey - Poor, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/01 | 0       | 0       | 0    | 6    | 0    | Ground survey - Good, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/02 | 0       | 0       | 0    | 6    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/08 | 0       | 0       | 0    | 7    | 0    | Aerial count, helicopter - Good, 100% surveyed |                             | Barrett et al. (1985) |
|                              | 1984 | 9/10 | 0       | 0       | 0    | 7    | 0    | Ground survey - Good, 100% surveyed            |                             | Barrett et al. (1985) |
|                              | 1984 | 9/20 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
|                              | 1984 | 9/26 | 0       | 0       | 0    | 0    | 0    | Ground survey - Excellent, 100% survey         |                             | Barrett et al. (1985) |
| Mainstem<br>(RM 148.2)       | 1982 | 8/19 | 0       | 0       | 0    | 400  | 0    | Electroshocking - 125 yards                    | S32 N01 W26 DCA<br>Spawning | ADF&G (1983a)         |
|                              | 1982 | 9/05 | 0       | 1       | 1    | 4    | 0    | Electroshocking - 100 yards                    | S32 N01 W26 DCA<br>Spawning | ADF&G (1983a)         |

\* - Additional survey method information obtained from the original field data forms and interviews with Susitna Aquatic Studies staff.