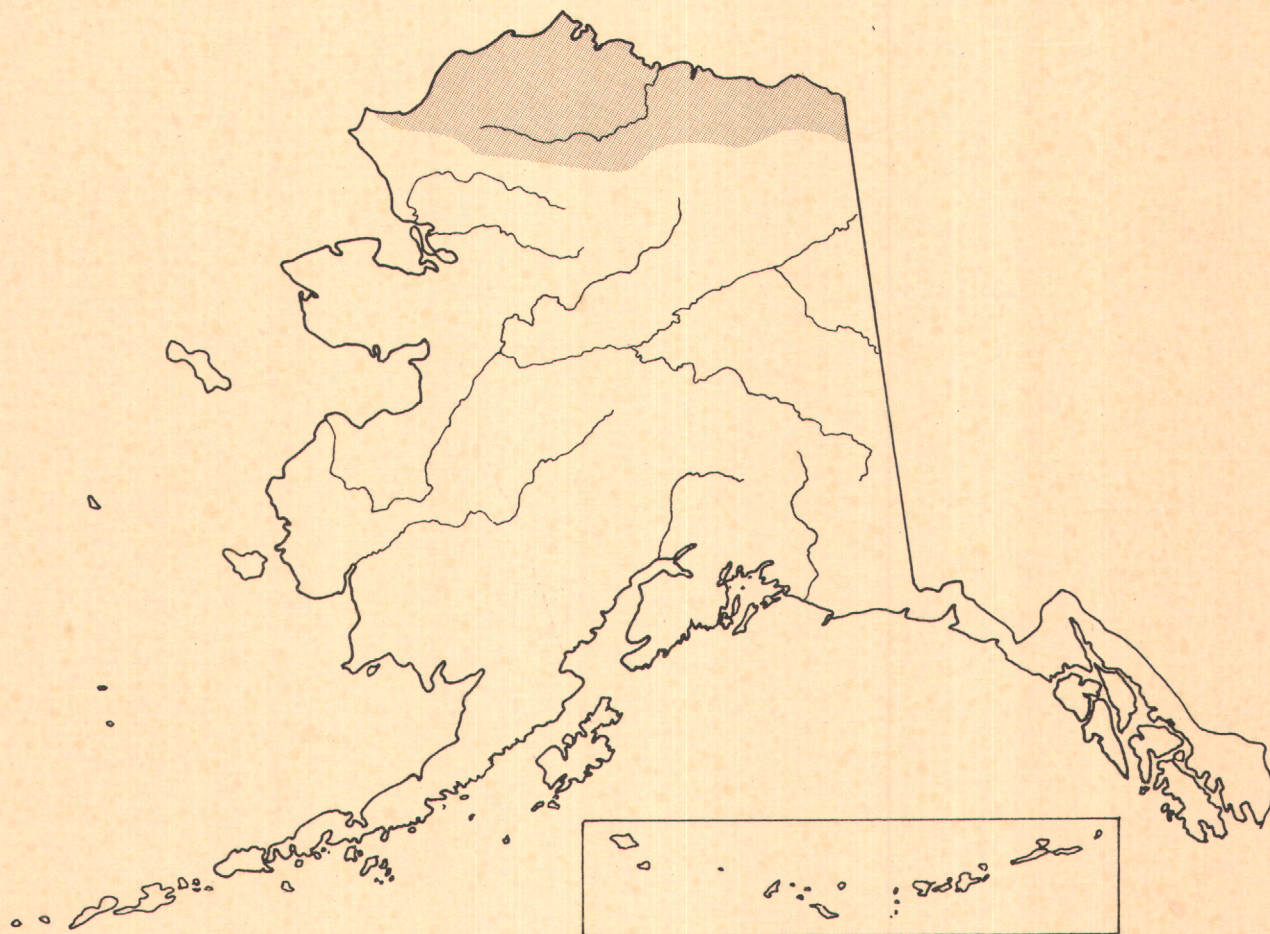
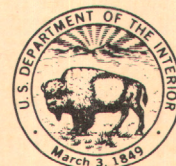


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**INDEX OF STREAMFLOW  
AND WATER-QUALITY RECORDS  
TO SEPTEMBER 30, 1978  
ARCTIC SLOPE ALASKA**



U.S. GEOLOGICAL SURVEY  
OPEN-FILE REPORT 80-554





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3 INDEX OF STREAMFLOW AND WATER-QUALITY RECORDS  
TO SEPTEMBER 30, 1978  
ARCTIC SLOPE ALASKA 3

By  
Patsy J. Still

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Anchorage, Alaska  
1980 4

UNITED STATES DEPARTMENT OF THE INTERIOR

CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

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For additional information write to:

U.S. Geological Survey  
Water Resources Division  
733 West 4th Avenue, Suite 400  
Anchorage, Alaska 99501



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# INDEX OF STREAMFLOW AND WATER-QUALITY RECORDS

TO SEPTEMBER 30, 1978

ARCTIC SLOPE ALASKA

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By Patsy J. Still

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## INTRODUCTION

This report, which is one of a series of reports for Alaska, lists stations in Arctic Slope Alaska (fig. 1) at which streamflow and water-quality data have been collected by the U.S. Geological Survey.

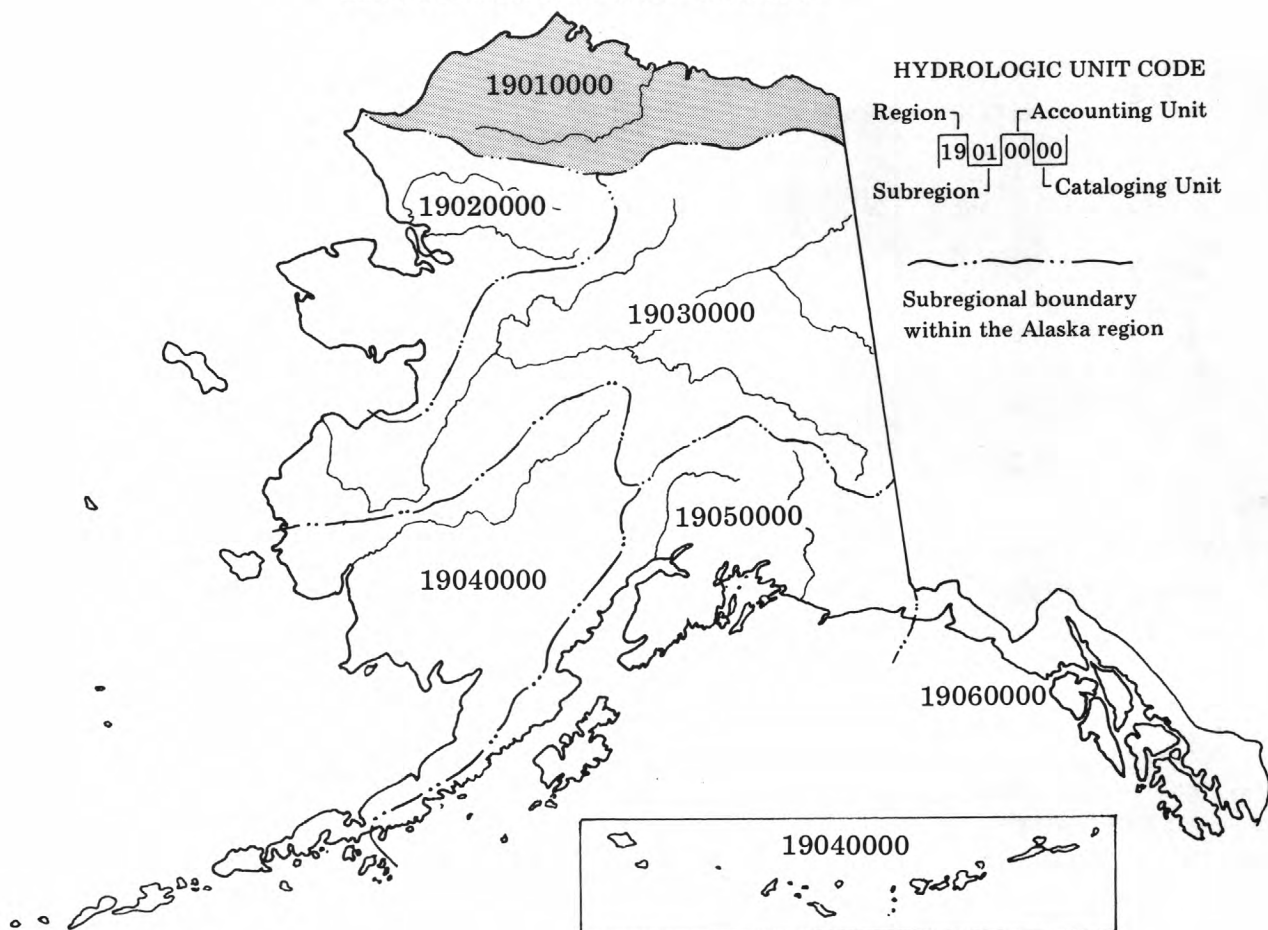
Most of the data referred to in this report have been published in reports of the Geological Survey. Water-quality data which were not included in those reports have been placed in the Survey's national computer storage system and are available through data-retrieval programs. Some of the older streamflow data have not been entered into the computer system. Geological Survey Water-Supply Paper (WSP) 1372 contains a summary of previously published records of monthly and annual discharges through September 1945, as well as records of daily and monthly discharges for the water years 1946-50 which had not yet been published. Water-Supply Paper 1372 also contains records of other chemical quality of streams collected between September 1948 and September 1950 and also some earlier records for the Yukon River at Anvik. Since 1950 data have been published in water-supply papers and a series of annual reports as shown in the following list:

| <u>Water year</u> | <u>WSP</u>                   | <u>Water year</u> | <u>WSP</u>                   |
|-------------------|------------------------------|-------------------|------------------------------|
| 1951-53           | 1466                         | 1964              | 1959 (Water-quality records) |
| 1954-56           | 1486                         | 1965              | 1966 (Water-quality records) |
| 1957              | 1500                         | 1966              | 1996 (Water-quality records) |
| 1958              | 1570                         | 1967              | 2016 (Water-quality records) |
| 1959              | 1640                         | 1968              | 2100 (Water-quality records) |
| 1960              | 1720                         | 1966-70           | 2136 (Streamflow records)    |
| 1951-60           | 1740 (Streamflow records)    | 1969              | 2150 (Water-quality records) |
| 1961-63           | 1953 (Water-quality records) | 1970              | 2160 (Water-quality records) |
| 1961-65           | 1936 (Streamflow records)    |                   |                              |

Data have been published in the annual series of reports, "Water Resources Data for Alaska," since 1961 for streamflow records and 1964 for water-quality records.

This index lists: continuous-record streamgaging stations, crest-stage gage and low-flow partial-record stations; daily chemical, sediment, and temperature stations; and stations where some chemical, sediment, and biological data have been collected on an intermittent basis.

# HYDROLOGIC UNIT MAP - ALASKA



This map shows hydrologic units that are basically hydrographic in nature.

The Regions, Subregions and Accounting Units are aggregates of the Cataloging Units. The Regions and Subregions are currently used by the U.S. Water Resources Council for comprehensive planning, including the National Assessment, and as a standard geographical framework for more detailed water and related land-resources planning. The Accounting Units are those currently in use by the U.S. Geological Survey for managing the National Water Data Network.

The following table shows the Hydrologic Units for the State

| Region       | Subregion | Accounting Unit | Cataloging Unit        |
|--------------|-----------|-----------------|------------------------|
| 19<br>Alaska | 01        | 00              | 01, 02, 03             |
|              | 02        | 00              | 01, 02                 |
|              | 03        | 00              | 01, 02, 03, 04, 05, 06 |
|              | 04        | 00              | 01, 02, 03             |
|              | 05        | 00              | 01, 02, 03             |
|              | 06        | 00              | 00                     |



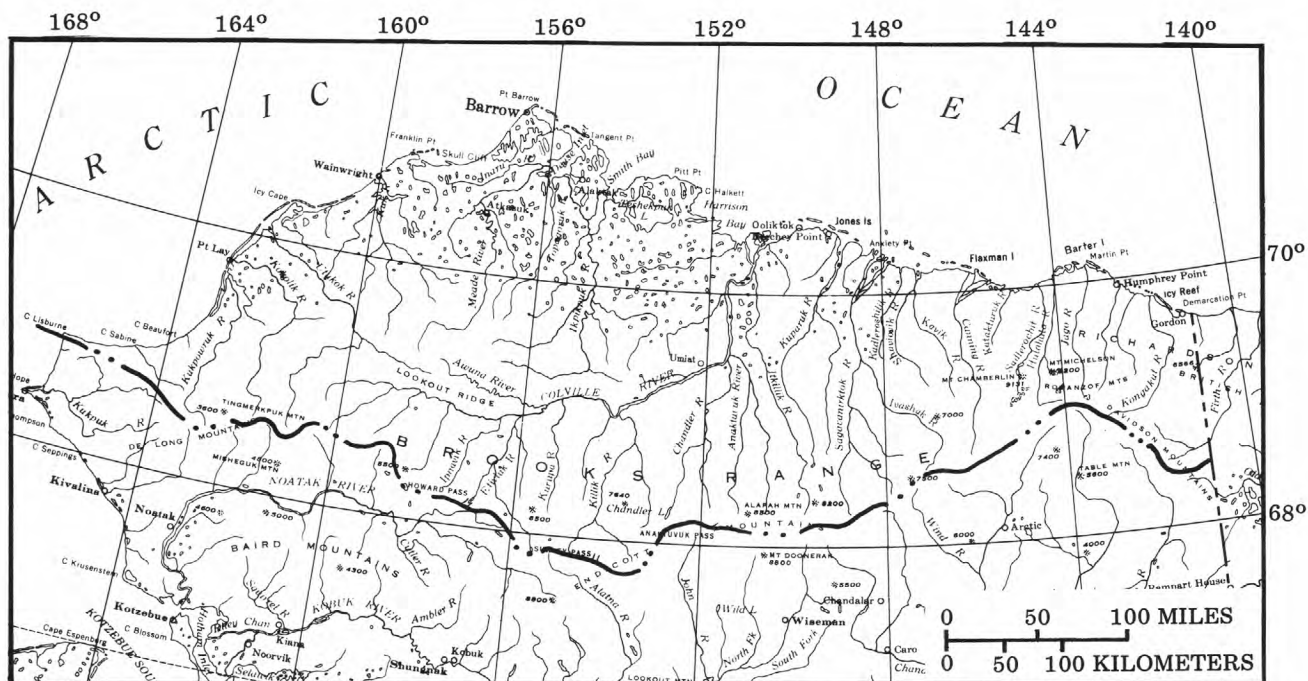


Figure 1. -- Arctic Slope, Alaska hydrologic subregion.

Stations are listed in order of their location in a downstream direction along the main stream. Stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner.

#### EXPLANATION OF TABLE

##### Station Identification

Numbers have been assigned to each station as an added means of identification and are of two types. In the 8-digit number, such as 15008000, the 2-digit "15" denotes Alaska and the 6-digit number "008000" indicates downstream order. These assigned numbers are in numerical order but are not consecutive. They are selected from the complete 6-digit number sequence so that intervening numbers will be available for future assignment to new locations.

A 15-digit number which is the original latitude and longitude location plus a 2-digit sequence number has been assigned to water-quality stations where data have been collected on an intermittent basis. This number may be different from the present location because of revisions to the topographic maps or adjustments to the original location. These stations are inserted in the standard downstream order.

##### Name

The station name consists of the name of the stream and in some instances its position relative to another physical feature or the nearest town. The name shown is that most recently used in publication. Another name may have been used in earlier publications.

### Location

All station locations have been assigned a latitude and longitude determined from the most recent topographic maps available for the respective areas.

### Drainage Area

The drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Drainage areas given herein include all closed basins or noncontributing areas within the area unless otherwise noted.

### Streamflow Stations

Continuous record: A streamgaging station for which the discharge or stage is published on a daily, weekly, or monthly basis for a continuous period of time. Annual extremes of discharge, stage, and low flow are also determined for most stations.

Crest-stage partial record: A station for which only the annual maximum stream discharge and stage are published over a period of years for use in flood-flow analysis.

Low-flow partial record: A station for which measurements of low flow are published.

Discharge measurements have been made at many ungaged sites and published as miscellaneous measurements; these sites are not included in this index, nor are the data stored in the Survey's computer storage system.

### Water-Quality Stations

Chemical: A station where samples have been collected on a daily or intermittent (one or more samples per year) basis for one or more of the following constituents: major cations and anions, specific conductance, pH, dissolved oxygen, color, trace metals, nutrients, radiochemicals, or pesticides.

Water temperature: A station where continuous or once-daily temperature records have been collected. Water temperatures are also usually measured when discharge measurements are made and water-quality samples are collected, but are not shown in this report.

Sediment: A station where samples for suspended-sediment concentrations and particle-size distributions have been collected on an intermittent (one or more samples per year) or daily basis.

Biological: A station where samples have been collected on a continuous or intermittent basis for one or more of the following: phytoplankton, periphyton, or benthic invertebrates.



## Periods of Record

The periods of record for daily or monthly discharge, chemical, water temperature, sediment, and biological data collected are listed in table 1 as calendar years in which records began or ended; breaks of less than a year are not shown. For example, if a record began in October 1923, ended in April 1932, began again in March 1933, and ended in September 1944, the period of record would be shown as 1923-44.

The "Crest-stage annual peaks" and "Low Flow" periods of record show the water years for which the record of annual maximum or minimum discharge is available. The water year begins October 1 and ends September 30. In listing the water year, only one date is shown; for example, 1952 stands for the water year October 1, 1951, to September 30, 1952.

A date followed by only a dash indicates that the station was continued in operation beyond September 30, 1978. A date followed by a semicolon indicates a break in the collection of records.

Explanatory notes are given in the heading of table 1.

## COMPUTER RETRIEVAL OF DATA

Most of the types of data listed in this index are stored in the Survey's computer and can be retrieved in tabular form. Retrieval can be made for individual stations or for series of stations both by station number and in latitude-longitude sequence. Additional information related to streamflow, such as gage height records, discharge measurements, and stage-discharge rating curves and tables, that has not been published or stored in the computer is available in the District files. Questions regarding costs, procedures for computer retrieval, or other information regarding the kinds of data listed in this index should be addressed to:

District Chief  
U.S. Geological Survey  
Water Resources Division  
733 West 4th Avenue, Suite 400  
Anchorage, Alaska 99501

Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska

a - approximately; C - Crest-stage

| Station<br>identification | Name  | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality |                      |          |            |
|---------------------------|---|-----------|------------|---------------------------------------|----------------------|-------------------|---------------|----------------------|----------|------------|
|                           |   | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical      | Water<br>temperature | Sediment | Biological |
| 685115164253600           | Pitmegea River near Cape<br>Lisburne                      | 68°51'15" | 164°25'36" |                                       |                      |                   | 1977          |                      |          | 1977       |
| 692950162433000           | Kukpowruk River near Point<br>Lay                         | 69°29'50" | 162°43'30" |                                       |                      |                   | 1976-77       |                      |          | 1977       |
| 692454161210400           | Kokolik River above Avingak<br>Creek near Point Lay       | 69°24'54" | 161°21'04" |                                       |                      |                   | 1977          |                      |          |            |
| 692458161210200           | Avingak Creek above Kokolik<br>River near Point Lay       | 69°24'58" | 161°21'02" |                                       |                      |                   | 1977          |                      |          |            |
| 694539162310000           | Kokolik River near Point<br>Lay                           | 69°45'39" | 162°31'00" | 2270                                  |                      |                   | 1977          |                      |          | 1977       |
| 684710160425000           | Driftwood Creek above<br>tributary near Point Lay         | 68°47'10" | 160°42'50" |                                       |                      |                   | 1977          |                      |          |            |
| 684715160424500           | Driftwood Creek tributary<br>near Point Lay               | 68°47'15" | 160°42'45" |                                       |                      |                   | 1977          |                      |          |            |
| 685024161030000           | Driftwood Creek near Point<br>Lay                         | 68°50'24" | 161°03'00" |                                       |                      |                   | 1977          |                      |          |            |
| 685340161122200           | Utukok River at Driftwood<br>near Point Lay               | 68°53'40" | 161°12'22" |                                       |                      |                   | 1977          |                      |          |            |
| 692000159413800           | Carbon Creek near Point Lay                               | 69°20'00" | 159°41'38" |                                       |                      |                   | 1977          |                      |          | 1977       |
| 693718160300000           | Utukok River below Elusive<br>Creek near Point Lay        | 69°37'18" | 160°30'00" |                                       |                      |                   | 1977          |                      |          | 1977       |
| 695748162031200           | Utukok River near Point Lay                               | 69°57'48" | 162°03'12" | 2760                                  |                      |                   | 1977          |                      |          | 1977       |
| 700455161493300           | Avak River near Point Lay                                 | 70°04'55" | 161°49'33" |                                       |                      |                   | 1977          |                      |          |            |
| 694615157494700           | Avalik River north of<br>Shanigarok Ridge near<br>Atkasuk | 69°46'15" | 157°49'47" |                                       |                      |                   | 1977          |                      |          |            |
| 700440159024000           | Avalik River near Wain-<br>wright                         | 70°04'40" | 159°02'40" |                                       |                      |                   | 1976          |                      |          |            |



Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station identification | Name  | Location  |            | Drainage area (square miles) | Streamflow        |                | Water-Quality |                   |          |            |
|------------------------|---|-----------|------------|------------------------------|-------------------|----------------|---------------|-------------------|----------|------------|
|                        |   | Latitude  | Longitude  |                              | Continuous record | Partial record | Chemical      | Water temperature | Sediment | Biological |
| 700735159224800        | Avalik River above Oyagaruk Creek near Wainwright       | 70°07'35" | 159°22'48" |                              |                   |                | 1977          |                   |          | 1977       |
| 700730159251200        | Avalik River below Oyagaruk Creek near Wainwright       | 70°07'30" | 159°25'12" | 1130                         |                   |                | 1977          |                   |          | 1977       |
| 700806159404200        | Kuk River near Wainwright                               | 70°08'06" | 159°40'42" | 3690                         |                   |                | 1977          |                   |          | 1977       |
| 703930159030000        | Kugrua River near Wainwright                            | 70°39'30" | 159°03'00" |                              |                   |                | 1977          |                   |          |            |
| 703925159030000        | Unnamed Creek tributary to Kugrua River near Wainwright | 70°39'25" | 159°03'00" |                              |                   |                | 1977          |                   |          |            |
| 703925159082600        | Kugrua River near mouth near Wainwright                 | 70°39'25" | 159°08'26" |                              |                   |                | 1977          |                   |          |            |
| 710545157040000        | Walakpa River near Barrow                               | 71°05'45" | 157°04'00" |                              |                   |                | 1977          |                   |          |            |
| 15798700               | Nunavak Creek near Barrow                               | 71°15'35" | 156°46'57" | a2.79                        | 1971-             |                | 1972; 75-     |                   | 1972-73  |            |
| 15799000               | Esatkuat Creek near Barrow                              | 71°16'30" | 156°43'44" | 1.46                         | 1972-73           |                | 1972-73       |                   | 1972-73  |            |
| 15799300               | Esatkuat Lagoon outlet at Barrow                        | 71°17'40" | 156°46'06" | 3.52                         | 1972-73           |                | 1972          |                   | 1972-73  |            |
| 711045156290000        | Avak Creek above Sikulik Lake near Barrow               | 71°10'45" | 156°29'00" |                              |                   |                | 1977          |                   |          |            |
| 711017155531200        | Unnamed Creek tributary to Ross Bay near Barrow         | 71°10'17" | 155°53'12" |                              |                   |                | 1977          |                   |          |            |
| 704136157593600        | Inaru River 9 miles east of Lake Tuvak near Atkasuk     | 70°41'36" | 157°59'36" |                              |                   |                | 1977          |                   |          |            |
| 704545157130200        | Inaru River below Kucheak Creek near Barrow             | 70°45'45" | 157°13'02" |                              |                   |                | 1978          |                   |          | 1978       |
| 705158157062700        | Niklavik Creek near Atkasuk                             | 70°51'58" | 157°06'27" |                              |                   |                | 1977          |                   |          |            |
| 705328156464200        | Inaru River below Niklavik Creek near Barrow            | 70°53'28" | 156°46'42" |                              |                   |                | 1978          |                   |          | 1977-78    |

Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name  | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality |                      |          |            |
|---------------------------|---|-----------|------------|---------------------------------------|----------------------|-------------------|---------------|----------------------|----------|------------|
|                           |   | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical      | Water<br>temperature | Sediment | Biological |
| 705404156381200           | Inaru River near Ekalgruak<br>Lake near Barrow        | 70°54'04" | 156°38'12" |                                       |                      |                   | 1977          |                      |          |            |
| 693610157245700           | Meade River above Shaning-<br>arok Creek near Atkasuk | 69°36'10" | 157°24'57" |                                       |                      |                   | 1977          |                      |          | 1977       |
| 15803000                  | Meade River at Atkasuk                                | 70°29'20" | 157°24'40" | a1800                                 | 1977                 |                   | 1976-78       |                      | 1977-78  | 1977-78    |
| 703104157223200           | Usuktuk River near Atkasuk                            | 70°31'04" | 157°22'32" |                                       |                      |                   | 1977          |                      |          |            |
| 704038156412000           | Okpiksak River near Atkasuk                           | 70°40'38" | 156°41'20" |                                       |                      |                   | 1977          |                      |          |            |
| 704912156313600           | Meade River at Delta near<br>Barrow                   | 70°49'12" | 156°31'36" |                                       |                      |                   | 1978          |                      |          | 1978       |
| 705430156074200           | Meade River near Kuyanuk<br>Bay near Barrow           | 70°54'30" | 156°07'42" |                                       |                      |                   | 1977          |                      |          |            |
| 702418155501200           | Topagoruk River near<br>Atkasuk                       | 70°24'18" | 155°50'12" |                                       |                      |                   | 1977          |                      |          |            |
| 695130155213000           | Oumalik River WNW of VABM<br>278 Tita near Atkasuk    | 69°51'30" | 155°21'30" |                                       |                      |                   | 1977          |                      |          |            |
| 700800155121200           | Oumalik River near Atkasuk                            | 70°08'00" | 155°12'12" |                                       |                      |                   | 1977          |                      |          |            |
| 703420155130000           | Chipp River near Lonely                               | 70°34'20" | 155°13'00" |                                       |                      |                   | 1977          |                      |          |            |
| 704135155270000           | Chipp River near Barrow                               | 70°41'35" | 155°27'00" |                                       |                      |                   | 1976; 78      |                      |          | 1978       |
| 704426155033800           | Alaktak River near Lonely                             | 70°44'26" | 155°03'38" |                                       |                      |                   | 1977          |                      |          |            |
| 691954156025500           | Kigalik River near VABM 937<br>Kigal near Atkasuk     | 69°19'54" | 156°02'55" |                                       |                      |                   | 1977          |                      |          |            |
| 692618154481800           | Ikpikpuk River Valley of<br>The Willows near Umiat    | 69°26'18" | 154°48'18" |                                       |                      |                   | 1977          |                      |          |            |

Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name   | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality |                      |          |            |
|---------------------------|--|-----------|------------|---------------------------------------|----------------------|-------------------|---------------|----------------------|----------|------------|
|                           |  | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical      | Water<br>temperature | Sediment | Biological |
| 692828156141600           | Titaluk River near VABM 625<br>Glenbar near Atkasuk        | 69°28'28" | 156°14'16" |                                       |                      |                   | 1977          |                      |          | 1977       |
| 695354154363000           | Unnamed Creek near Ikpikpuk<br>River near Umiat            | 69°53'54" | 154°36'30" |                                       |                      |                   | 1977          |                      |          |            |
| 700812154383000           | Ikpikpuk River near Lonely                                 | 70°08'12" | 154°38'30" | 3980                                  |                      |                   | 1977          |                      |          | 1977       |
| 15829995                  | Teshekpuk Lake outlet near<br>Lonely                       | 70°38'15" | 154°06'10" | a1400                                 | 1977                 |                   |               |                      |          |            |
| 15830000                  | Miguakiak River near Tesh-<br>ekpuk Lake near Lonely       | 70°40'13" | 154°19'20" | a1460                                 | 1977                 |                   | 1977-78       |                      | 1977     | 1978       |
| 704455154251200           | Ikpikpuk River near Smith<br>Bay near Lonely               | 70°44'55" | 154°25'12" |                                       |                      |                   | 1977          |                      |          |            |
| 705100153180000           | Smith River near Lonely                                    | 70°51'00" | 153°18'00" |                                       |                      |                   | 1977          |                      |          |            |
| 702118152310500           | Unnamed Lake outlet near<br>Kalikpik River near<br>Nuiqsut | 70°21'18" | 152°31'05" |                                       |                      |                   | 1977          |                      |          |            |
| 693906152570000           | Judy Creek near Umiat                                      | 69°39'06" | 152°57'00" |                                       |                      |                   | 1977          |                      |          | 1977       |
| 700336152245400           | Judy Creek near Nuiqsut                                    | 70°03'36" | 152°24'54" |                                       |                      |                   | 1977          |                      |          |            |
| 701254152213600           | Fish Creek near Nuiqsut                                    | 70°12'54" | 152°21'36" |                                       |                      |                   | 1977          |                      |          |            |
| 701900151283600           | Fish Creek above<br>Tingmeachslovik River<br>near Nuiqsut  | 70°19'00" | 151°28'36" | 1700                                  |                      |                   | 1977          |                      |          | 1977       |
| 701054151324200           | Ublutuoch River near<br>Nuiqsut                            | 70°10'54" | 151°32'42" |                                       |                      |                   | 1977          |                      |          |            |
| 702224151164200           | Fish Creek at mouth<br>near Nuiqsut                        | 70°22'24" | 151°16'42" |                                       |                      |                   | 1977          |                      |          |            |
| 685330160212200           | Colville River above Amo<br>Creek near Point Lay           | 68°53'30" | 160°21'22" |                                       |                      |                   | 1977          |                      |          | 1977       |



Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name  | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality       |                      |          |            |
|---------------------------|---|-----------|------------|---------------------------------------|----------------------|-------------------|---------------------|----------------------|----------|------------|
|                           |   | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical            | Water<br>temperature | Sediment | Biological |
| 685710159030500           | Nuka River near Atkasuk                       | 68°57'10" | 159°03'05" |                                       |                      |                   | 1977                |                      |          |            |
| 683702159120000           | Bogie Creek near Point Lay                    | 68°37'02" | 159°12'00" |                                       |                      |                   | 1977                |                      |          | 1977       |
| 685807158274500           | Kiligwa River at Brady near Atkasuk           | 68°58'07" | 158°27'45" |                                       |                      |                   | 1977                |                      |          |            |
| 685225157392000           | Kuna River near Atkasuk                       | 68°52'25" | 157°39'20" |                                       |                      |                   | 1977                |                      |          |            |
| 685550156150000           | Colville River above Etivlik River near Umiat | 68°55'50" | 156°15'00" |                                       |                      |                   | 1977                |                      |          |            |
| 675800155110000           | Nigu River near Shungnak                      | 67°58'00" | 155°11'00" |                                       |                      |                   | 1977                |                      |          |            |
| 680945156014000           | Nigu River near Etivlik Lake near Shungnak    | 68°09'45" | 156°01'40" |                                       |                      |                   | 1977                |                      |          | 1977       |
| 685455156010000           | Etivluk River above Colville River near Umiat | 68°54'55" | 156°01'00" | 2260                                  |                      |                   | 1977                |                      |          |            |
| 685642155574200           | Etivluk River near Umiat                      | 68°56'42" | 155°57'42" |                                       |                      |                   | 1977                |                      |          | 1977       |
| 683200154521200           | Kurupa River near Anaktuvuk Pass              | 68°32'00" | 154°52'12" |                                       |                      |                   | 1977                |                      |          |            |
| 690012153543600           | Colville River at Killik River near Umiat     | 69°00'12" | 153°54'36" |                                       |                      |                   | 1977                |                      |          | 1977       |
| 675645154563000           | Killik River near Anaktuvuk Pass              | 67°56'45" | 154°56'30" |                                       |                      |                   | 1977                |                      |          |            |
| 680608154320500           | Ayakalak Creek near Anak-tuvuk Pass           | 68°06'08" | 154°32'05" |                                       |                      |                   | 1977                |                      |          |            |
| 685800153470000           | Killik River near Umiat                       | 68°58'00" | 153°47'00" |                                       |                      |                   | 1977                |                      |          | 1977       |
| 691924152340600           | Prince Creek near Umiat                       | 69°19'24" | 152°34'06" |                                       |                      |                   | 1977                |                      |          |            |
| 15875000                  | Colville River at Umiat                       | 69°21'45" | 152°05'40" | 13830                                 |                      |                   | 1953; 69;<br>75; 78 |                      |          | 1978       |
| 692326152004200           | Colville River near Umiat                     | 69°23'26" | 152°00'42" |                                       |                      |                   | 1977                |                      |          |            |

Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name   | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality     |                      |                   |                 |
|---------------------------|--|-----------|------------|---------------------------------------|----------------------|-------------------|-------------------|----------------------|-------------------|-----------------|
|                           |  | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical          | Water<br>temperature | Sediment          | Biological      |
| 682500152311800           | Chandler River near Anak-<br>tuvuk Pass                        | 68°25'00" | 152°31'18" |                                       |                      |                   | 1977              |                      |                   |                 |
| 692600151282400           | Chandler River near Umiat                                      | 69°26'00" | 151°28'24" |                                       |                      |                   | 1977              |                      |                   |                 |
| 692906151185400           | Anaktuvuk River near Umiat                                     | 69°29'06" | 151°18'54" |                                       |                      |                   | 1977              |                      |                   |                 |
| 15880000                  | Colville River near Nuiqsut                                    | 70°09'56" | 150°55'00" | 20670                                 | 1977                 |                   | 1975; 77          |                      | 1977              |                 |
| 691830150172000           | Kuparuk River near Umiat                                       | 69°18'30" | 150°17'20" |                                       |                      |                   | 1969              |                      |                   |                 |
| 15896000                  | Kuparuk River near Dead-<br>horse                              | 70°16'54" | 148°57'35" | 3130                                  | 1971-                |                   | 1970-72;<br>74-   | 1971-72;<br>76; 78   | 1971-72;<br>74-   | 1970-72;<br>74- |
| 701553148380400           | Putuligayuk River above<br>Lake outlet near Deadhorse          | 70°15'53" | 148°38'04" |                                       |                      |                   | 1974              |                      |                   |                 |
| 15896700                  | Putuligayuk River near<br>Deadhorse                            | 70°16'04" | 148°37'36" | a176                                  | 1970-78              |                   | 1970-72;<br>74-76 | 1976                 | 1970-72;<br>74-76 | 1970-72         |
| 680746149485100           | Atigun River 29 miles above<br>Galbraith Lake near Sag-<br>won | 68°07'46" | 149°48'51" |                                       |                      |                   | 1971              |                      |                   | 1971            |
| 680746149435100           | Atigun River 27 miles above<br>Galbraith Lake near Sag-<br>won | 68°07'46" | 149°43'51" |                                       |                      |                   | 1971              |                      |                   | 1971            |
| 681100149413200           | Atigun River 23 miles above<br>Galbraith Lake near Sag-<br>won | 68°11'00" | 149°41'32" |                                       |                      |                   | 1971              |                      |                   | 1971            |
| 681554149264900           | Atigun River 15 miles above<br>Galbraith Lake near Sag-<br>won | 68°15'54" | 149°26'49" |                                       |                      |                   | 1971              |                      |                   | 1971            |
| 681625149243000           | Atigun River near Galbraith<br>Lake near Sagwon                | 68°16'25" | 149°24'30" |                                       |                      |                   |                   |                      |                   | 1977            |

Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name  | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality   |                      |                |             |
|---------------------------|---|-----------|------------|---------------------------------------|----------------------|-------------------|-----------------|----------------------|----------------|-------------|
|                           |   | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical        | Water<br>temperature | Sediment       | Biological  |
| 682126149200000           | Atigun River 7 miles above Galbraith Lake near Sagwon         | 68°21'26" | 149°20'00" |                                       |                      |                   | 1971            |                      |                | 1971        |
| 15904900                  | Atigun River tributary near Pump Station 4                    | 68°22'25" | 149°18'48" | 32.6                                  | 1976-                |                   | 1976; 78        |                      |                |             |
| 15905000                  | Galbraith Lake tributary near Galbraith Camp                  | 68°29'30" | 149°30'36" | 7.55                                  |                      | 1975- C           |                 |                      |                |             |
| 682711149285600           | Unnamed Creek above Galbraith Camp                            | 68°27'11" | 149°28'56" |                                       |                      |                   | 1975-76         |                      |                | 1976        |
| 682718149281300           | Unnamed Creek below Galbraith Camp                            | 68°27'18" | 149°28'13" |                                       |                      |                   | 1975-76         |                      |                | 1976        |
| 682710149230000           | Galbraith Lake at outlet near Sagwon                          | 68°27'10" | 149°23'00" |                                       |                      |                   | 1976            |                      | 1969           | 1976        |
| 682713149205600           | Atigun River below Galbraith Lake near Sagwon                 | 68°27'13" | 149°20'56" |                                       |                      |                   | 1971            |                      |                | 1971        |
| 683030149084500           | Atigun River in Atigun Canyon near Galbraith Lake             | 68°30'30" | 149°08'45" |                                       |                      |                   | 1971            |                      |                |             |
| 683022149082600           | Atigun River tributary in Atigun Canyon near Sagwon           | 68°30'22" | 149°08'26" |                                       |                      |                   | 1971            |                      |                | 1971        |
| 683238149000000           | Sagavanirktok River tributary near Galbraith Lake near Sagwon | 68°32'38" | 149°00'00" |                                       |                      |                   | 1971            |                      |                |             |
| 15910000                  | Sagavanirktok River near Sagwon                               | 69°05'24" | 148°45'34" | 2208                                  | 1970-78              | 1969 C            | 1970-72; 74-76  | 1971                 | 1969-72; 75-76 | 1971-72; 77 |
| 15910200                  | Happy Creek at Happy Valley Camp near Sagwon                  | 69°08'50" | 148°49'50" | 34.5                                  |                      | 1972- C           | 1971-72; 74; 76 |                      |                | 1971-72; 76 |
| 690851148495000           | Happy Creek below Happy Valley Camp near Sagwon               | 69°08'51" | 148°49'50" |                                       |                      |                   | 1976            |                      |                | 1976        |
| 692200148433000           | Sagavanirktok River at Sagwon                                 | 69°22'00" | 148°43'30" |                                       |                      |                   | 1969            |                      |                |             |



Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name   | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality |                      |          |            |
|---------------------------|--|-----------|------------|---------------------------------------|----------------------|-------------------|---------------|----------------------|----------|------------|
|                           |  | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical      | Water<br>temperature | Sediment | Biological |
| 694943148451300           | Sagavanirktok River near Franklin Bluffs Camp          | 69°49'43" | 148°45'13" |                                       |                      |                   | 1975          |                      |          |            |
| 700922148083800           | Sagavanirktok River EB of E Channel near Deadhorse     | 70°09'22" | 148°08'38" |                                       |                      |                   | 1976          |                      |          |            |
| 700938148104300           | Sagavanirktok River WB of E Channel near Deadhorse     | 70°09'38" | 148°10'43" |                                       |                      |                   | 1976          |                      |          |            |
| 701216148241000           | Sagavanirktok River W Channel near Deadhorse           | 70°12'16" | 148°24'10" |                                       |                      |                   | 1976          |                      |          |            |
| 701522148180200           | Sagavanirktok River W Channel at bridge near Deadhorse | 70°15'22" | 148°18'02" |                                       |                      |                   |               |                      | 1976     |            |
| 701642148144400           | W Channel Sagavanirktok River near Deadhorse           | 70°16'42" | 148°14'44" |                                       |                      |                   | 1969-70; 72   |                      |          | 1970-72    |
| 700230147201000           | Shaviovik River Site 1 near Deadhorse                  | 70°02'30" | 147°20'10" |                                       |                      |                   | 1976          |                      |          |            |
| 700150147180500           | Kavik River near Deadhorse                             | 70°01'50" | 147°18'05" |                                       |                      |                   | 1976          |                      |          |            |
| 700507147163000           | Shaviovik River near Deadhorse                         | 70°05'07" | 147°16'30" |                                       |                      |                   | 1975          |                      |          |            |
| 694829146232500           | Canning River near Kaktovik                            | 69°48'29" | 146°23'25" |                                       |                      |                   | 1975-76       |                      |          |            |
| 695038146271000           | Canning River near Deadhorse                           | 69°50'38" | 146°27'10" |                                       |                      |                   | 1975          |                      |          |            |
| 700438145423500           | Canning River Delta E Channel near Kaktovik            | 70°04'38" | 145°42'35" |                                       |                      |                   | 1975          |                      |          |            |
| 695225145120000           | Katakturuk River near Kaktovik                         | 69°52'25" | 145°12'00" |                                       |                      |                   | 1975          |                      |          |            |
| 694733144490000           | Marsh Creek near Kaktovik                              | 69°47'33" | 144°49'00" |                                       |                      |                   | 1975          |                      |          |            |
| 15975000                  | Chamberlin Creek near Barter Island                    | 69°17'30" | 144°57'50" | 1.46                                  | 1958                 |                   |               |                      |          |            |
| 15976000                  | Neruokpukkoonga Creek near Barter Island               | 69°18'30" | 145°01'30" | 123                                   | 1958                 |                   |               |                      |          |            |

Table 1. -- Index of streamflow and water-quality records to September 30, 1978 - Arctic Slope, Alaska -- Continued

a - approximately; C - Crest-stage

| Station<br>identification | Name  | Location  |            | Drainage<br>area<br>(square<br>miles) | Streamflow           |                   | Water-Quality |                      |          |            |
|---------------------------|---|-----------|------------|---------------------------------------|----------------------|-------------------|---------------|----------------------|----------|------------|
|                           |   | Latitude  | Longitude  |                                       | Continuous<br>record | Partial<br>record | Chemical      | Water<br>temperature | Sediment | Biological |
| 693913144225600           | Sadlerochit River near<br>Kaktovik          | 69°39'13" | 144°22'56" |                                       |                      |                   | 1975          |                      |          |            |
| 694147144121000           | Hulahula River Site 2 near<br>Kaktovik      | 69°41'47" | 144°12'10" |                                       |                      |                   | 1975          |                      |          |            |
| 694539144091500           | Hulahula River Site 1 near<br>Kaktovik      | 69°45'39" | 144°09'15" |                                       |                      |                   | 1975          |                      |          |            |
| 693702143410600           | Jago River near Kaktovik                    | 69°37'02" | 143°41'06" |                                       |                      |                   | 1975          |                      |          |            |
| 694207143142300           | Okerokovik River Site 1<br>near Kaktovik    | 69°42'07" | 143°14'23" |                                       |                      |                   | 1975          |                      |          |            |
| 694306143142500           | Okerokovik River Site 2<br>near Kaktovik    | 69°43'06" | 143°14'25" |                                       |                      |                   | 1975          |                      |          |            |
| 693523142580300           | Aichilik River Site 1 near<br>Kaktovik      | 69°35'23" | 142°58'03" |                                       |                      |                   | 1975          |                      |          |            |
| 694030142465200           | Aichilik River Site 2 near<br>Kaktovik      | 69°40'30" | 142°46'52" |                                       |                      |                   | 1975          |                      |          |            |
| 694850142100000           | Aichilik River near mouth<br>near Kaktovik  | 69°48'50" | 142°10'00" |                                       |                      |                   | 1975          |                      |          |            |
| 693205142410500           | Egaksrak River near<br>Kaktovik             | 69°32'05" | 142°41'05" |                                       |                      |                   | 1975          |                      |          |            |
| 694847142052300           | Egaksrak River near mouth<br>Kaktovik       | 69°48'47" | 142°05'23" |                                       |                      |                   | 1975          |                      |          |            |
| 693435142183800           | Ekaluakat River near<br>Kaktovik            | 69°34'35" | 142°18'38" |                                       |                      |                   | 1975          |                      |          |            |
| 693527142180000           | Ekaluakat River Site 1 near<br>Kaktovik     | 69°35'27" | 142°18'00" |                                       |                      |                   | 1975          |                      |          |            |
| 693054141423400           | Kongakut River near<br>Kaktovik             | 69°30'54" | 141°42'34" |                                       |                      |                   | 1975          |                      |          |            |
| 694250141473000           | Kongakut River above Delta<br>near Kaktovik | 69°42'50" | 141°47'30" |                                       |                      |                   | 1975          |                      |          |            |
| 693556141241000           | Turner River near Kaktovik                  | 69°35'56" | 141°24'10" |                                       |                      |                   | 1975          |                      |          |            |

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