

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FLOODS

from small drainage basins in ALASKA

by Stanley H. Jones

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CONVERSION TABLE

<u>Multiply</u>	<u>by</u>	<u>To obtain</u>
inch (in.)	25.40	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi ²)	2.590	square kilometer (km ²)
foot per mile (ft/mi)	0.1894	meter per kilometer (m/km)
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second (m ³ /s)
cubic foot per second per square mile [(ft ³ /s)/mi ²]	0.01093	cubic meter per second per square kilometer [(m ³ /s)/km ²]
degree Fahrenheit (°F)	°C = 5/9 (°F-32)	degree Celsius (°C)

National Geodetic Vertical Datum of 1929 (NGVD of 1929), the reference surface to which relief features and altitude data are related, and formerly called "mean sea level," is herein called "sea level."

FLOODS FROM SMALL DRAINAGE BASINS IN ALASKA

A Compilation of Peak Flow Data
May 1963 to September 1981

By Stanley H. Jones

ABSTRACT

Flood peak stage and discharge data collected since 1963 for small drainage areas in Alaska are compiled. A small-streams flood investigations program was started in 1963 to investigate the magnitude and frequency of floods from drainage basins generally less than 100 square miles in area. Currently (1983), data are being collected at 64 crest-stage gages and 3 continuous-recording gages.

INTRODUCTION

In Alaska, as in many other States, the U.S. Geological Survey historically has concentrated its streamflow data-collection efforts on large drainage basins. Thus very little information was available for basins smaller than about 100 mi². Highways commonly cross many small drainage basins, and information on the flow characteristics--particularly flood or peak flows--of the streams in those basins is critical to the safe and economical design of highway drainage structures. One of the first considerations in the design of hydraulic structures is the magnitude of the design flood. In selecting the design discharge a frequency analysis of a long-term record of floods that have occurred at or near the proposed site is essential.

To fill this data and information need in Alaska, a small-stream investigation program was designed to provide flood data on streams whose drainage areas generally are less than 100 mi². The objective of the program was to obtain sufficient flood data to define the magnitude and frequency of floods on small streams on a regional basis throughout the State and to provide information for detailed hydrologic studies. To date, this effort has been concentrated along routes of existing roads.

The small-streams flood-investigations program in Alaska was initiated in September 1962 under a cooperative agreement between the Alaska Department of Transportation, the Federal Highway Administration, and the U.S. Geological Survey. The present cooperative agreement is between the Alaska Department of Transportation and Public Facilities and the U.S. Geological Survey. To accelerate the program on national forest lands in Alaska, the U.S. Forest Service also has provided funds since 1963.

This report has been prepared to inform the cooperators of the status of the program and to make available in one publication the hydrologic data collected since the 1963 water year. This report updates an earlier compilation (Jones, 1973) that included data collected prior to the 1973 water year and details of the operation of the program.

DESCRIPTION OF PROGRAM

The data-collection network of the small-streams program is designed to sample basins with drainage areas from about 1 to 100 mi² with a variety of physiographic and climatic conditions. Data have been collected at approximately 125 sites since the program began in 1962 (plate 1); 64 crest-stage gages and 3 continuous-recording gaging stations are currently (1983) being operated. A summary of the data included in this report is grouped according to subregions and separated into mountains, plateaus, and lowlands and by drainage area size range within each physiographic classification (table 1).

Periodically, the entire network is evaluated; the data from crest-stage gages, for which 10 years of flood-peak data are available, are analyzed to determine if data collection should be continued at these stations. Stations are continued that are in hydrologically representative basins of the region they are sampling and have hydraulic conditions judged suitable for determining peak discharges. Hydraulically "unsuitable" sites are discontinued and the gages are moved to areas or basins that have not been sampled. For historic floods, the peak stage and the peak discharge are determined at the discontinued gages as well as the current stations.

Data Collection

Hydrologic data obtained in this program consist primarily of the annual maximum instantaneous stages and discharges (table 2). The annual peak values are determined on a water-year basis. (The water year is the 12-month period ending September 30 of the stated year.) Records from the continuous-record stations are used to construct discharge hydrographs for flood periods and to compute the total volume of flood runoff.

Other types of information collected under the small-streams program include:

1. Observations of the formation and effects of aufeis (icings) and of breakup phenomena (melting and disintegration of winter ice cover and erosion and backwater caused by the ice).
2. Observations of the effects of floods in areas where little or no other hydrologic data are available.
3. Documentation (surveying) of flood profiles and channel cross sections and evaluation of channel roughness coefficients. These data are used in the computation of peak discharge values of the gage sites.

Application of Data

Analyses of peak discharge data for Alaskan streams have been presented in the following reports: "Magnitude and frequency of floods in Alaska south of the Yukon River," by Berwick and others (1964); "Flood frequency in Alaska," by Childers (1970); and "Flood characteristics of Alaskan streams," by Lamke (1978). Only Lamke's report, a flood-magnitude and frequency analysis of all peak discharge records of five or more years of flood records through 1975, includes much data or analysis from the stations operated in the small-streams network.

Eleven topographic and climatic factors were computed for each station and used in the analyses. Description of these basin characteristics is presented elsewhere in this report. The resulting flood peaks of 1.25-, 2-, 5-, 10-, 25-, and 50-year recurrence intervals were regionalized by computing a multiple-regression relation using the six characteristic floods as a function of the basin characteristics of the individual basins. Results of the regionalization analysis are a set of equations for estimating flood magnitudes at selected frequencies for ungaged locations within the area represented by the peak discharge data. The six additional years of data (1976-1981) now available could be used to update and refine the regression equations developed by Lamke (1978).

Lamke's statistical analyses and a review of peak-flow data and the distribution of data-collection sites operated in the small-streams program indicate the following:

1. Flood characteristics can be reliably determined in the Southeast and most of the South-central subregions and in the upstream part of the Yukon subregion. Enough data are available for those subregions to provide acceptable standard errors of estimate and to adequately regionalize skew coefficients. Peak discharge data for the Southwest, Northwest, and Arctic Slope subregions provide only a small sample (few, widely-spaced gages) over a short period of record (generally less than 10 years) and thus do not permit very reliable estimates of flood magnitudes and frequencies.
2. Additional flood data are needed in western Alaska, where, except for parts of the South-central subregion and the Tanana River Basin, vast areas are presently ungaged.

Other basin characteristics which affect the magnitude of floods but have not been evaluated on a systematic basis are the nature of the surficial geologic materials and the amount of permafrost in the drainage area. Another factor which should be evaluated is channel geometry. Because a stream channel is shaped by processes that are related to the amount of distribution of streamflow, measurements of the stream channel may provide indices for determining flood-flow characteristics at ungaged sites. The pertinent channel properties are bankfull or main-channel flow width and the mean depth of the main channel associated with this width. The concept of bankfull-channel dimensions has been used in other studies of channel geometry in Alaska (Emmett, 1972; Childers, 1974; Childers and Kernodle, 1981; Childers and others, 1977, 1979). Emmett defines bankfull stage at the stage at which the channel just begins to overflow the flood plain. Childers and Kernodle (1981) determined bankfull elevations by observing the flood-plain surfaces on the edge of the mature flood-plain forest.

Flood Investigations at Miscellaneous Sites

Investigations of indirect measurements of discharge are made for historic or significant floods from small drainage areas even though they occur in basins outside the crest-stage station network. These investigations are undertaken to enhance the flood data base throughout the State. Maximum discharges at such miscellaneous sites are listed in table 3.

PRESENTATION OF DATA

Crest-Stage Station Records

The crest-gage station records are presented in table 2 in the downstream order system used by the U.S. Geological Survey. The records include data from all Geological Survey-operated stations supported by funding from the Alaska Department of Transportation and Public Facilities and the U.S. Forest Service. In addition, data have been included for five crest-stage gage stations which were operated by the Alaska Department of Transportation and Public Facilities.

Annual peak gage heights are not shown if the peak stage did not reach the bottom of the gage or if flooding occurred when the gage was affected by ice. In these cases the annual maximum discharge is estimated. If it is certain that a reasonable estimate for the peak discharge cannot be made, a footnote "unknown" is shown. Gage heights are referred to arbitrary local datum and usually are not referenced to National Geodetic Vertical Datum of 1929.

Discharge Hydrographs

Selected discharge hydrographs for significant floods are presented for recording stations (figs. 1-15) operated on streams with small drainage areas in each of the hydrologic subregions. Floods illustrated were the highest that occurred during the period of recorder operation but are not necessarily the highest for the entire period of data collection at the station. Some of the illustrations are for stations that were not operated under the small-streams flood-investigations program.

Drainage Basin Characteristics

Climatic and physical characteristics of the drainage basins for the stations listed in table 2 are tabulated in table 4. Climatic characteristics were determined from publications cited below and listed in Selected References. Physical characteristics were computed from the latest available U.S. Geological Survey topographic maps. Basin characteristics are defined as follows:

Drainage area--in square miles, is the total drainage area upstream from the gaging station or measurement site. The area is measured in a horizontal plane and is enclosed by a drainage divide.

Main-channel slope--in feet per mile, is the average slope between points 10 percent and 85 percent of the distance along the main stream from the gaging site to the basin divide.

Stream length--in miles, is the length of the main channel between the gaging station and the basin divide measured along the channel that drains the largest basin.

Mean basin elevation--in feet above mean sea level, is the mean elevation of the drainage basin measured by the grid-sampling method from topographic maps. (See details below.)

Area of lakes and ponds--in percent, is the percentage of the total drainage area occupied by lakes and ponds. This is measured by the grid-sampling method from topographic maps having a blue overprint which indicates lakes and ponds.

Areas of forests--in percent, is the percentage of the total drainage area shown as forested on the topographic maps. This is measured by the grid-sampling method from topographic maps having a green overprint which indicates forest cover.

Area of glacier--in percent, is the percentage of the total drainage area shown as glacier on topographic maps. This is measured by the grid-sampling method from topographic maps.

Mean annual precipitation--in inches, as determined from an isohyetal map (National Weather Service, 1972) using the grid-sampling method.

Precipitation intensity--in inches, is the maximum rainfall expected in 24 hours each 2 years as determined from U.S. Weather Bureau Technical Paper 47 (U.S. Weather Bureau, 1963).

Mean annual snowfall--in inches, as determined from an isohyetal map (National Weather Service, 1972) using the grid-sampling method.

Mean minimum January temperature--in degrees Fahrenheit, as determined from an isothermal map (Johnson and Hartman, 1969) using the grid-sampling method.

The grid-sampling method of sampling involves using transparent grids to different map scales in several ways. For determining area, as of ponds, a grid can be laid over a pond and the number of squares and partial squares covering the pond can be totaled and converted to an area, or the number of grid intersections within the area can be multiplied by the area in each square. For determining percentages, as of forested areas or perhaps small ponds if very numerous, the number of grid intersections occurring over forested areas or over water within the basin are counted, multiplied by 100, and divided by the total number of grid intersections within the basin. For determining elevations, temperatures, etc., from a contour map, a reading is taken under each of several grid intersections and the readings are averaged.

Flood Magnitude and Frequency

Flood magnitude and frequency for stations in this report having 10 or more years of record are listed in table 5. Methods desired in WRC Bulletin 17B (1981) were used to compute the P_2 , P_5 , P_{10} , P_{25} , and P_{50} flood discharges. Generalized skews as described by Lamke (1978) were used in the computation of the log-Pearson Type III distribution for the stations. Generalized and station skews were weighted according to procedures in WRC Bulletin 17B (1981).

Maximum Known Floods

Maximum known peak discharges for all gaging stations and miscellaneous measurement sites in Alaska are listed in table 3. The maximum discharge in (ft³/s)/mi² provides an index for comparison of flood peaks between sites. The sites are listed in downstream order and are grouped by WRC subregions.

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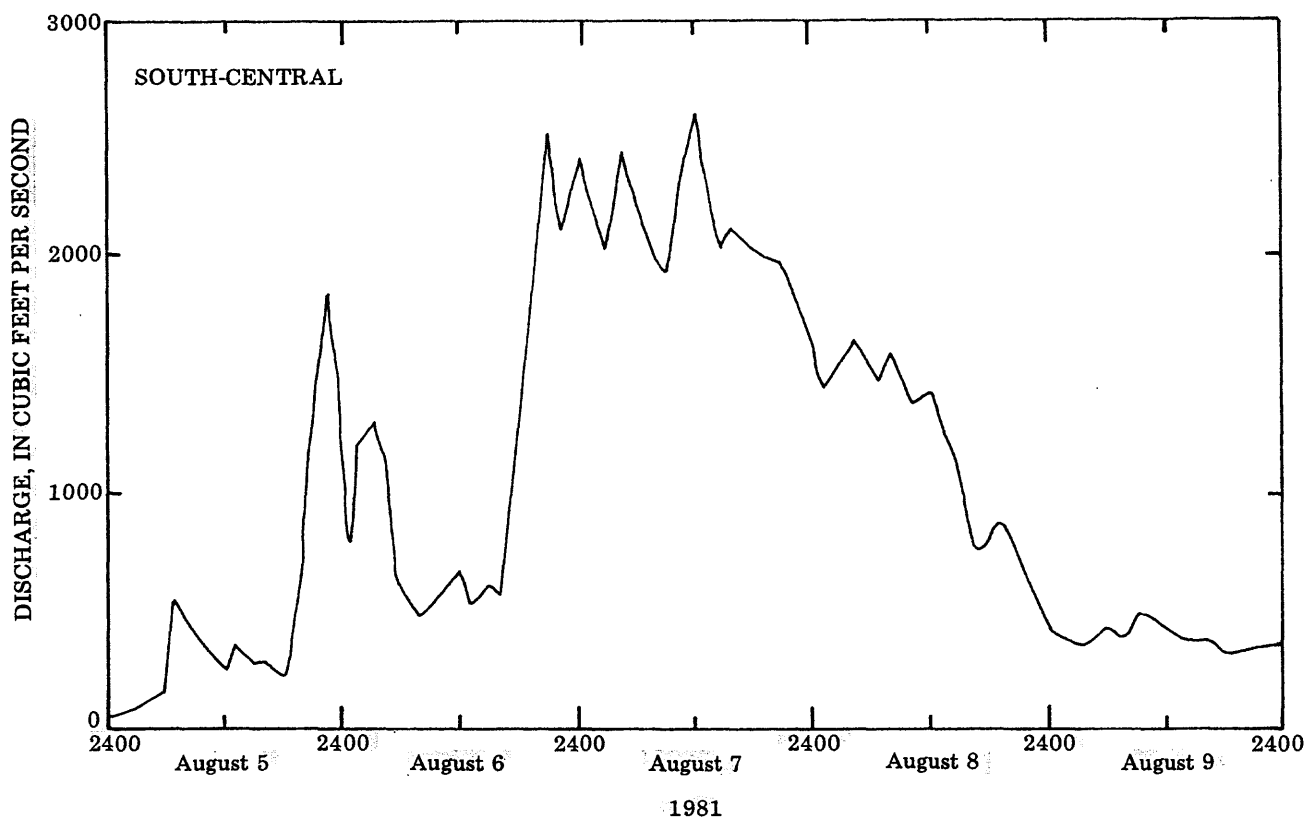


Figure 1. -- Discharge for Dick Creek near Cordova.

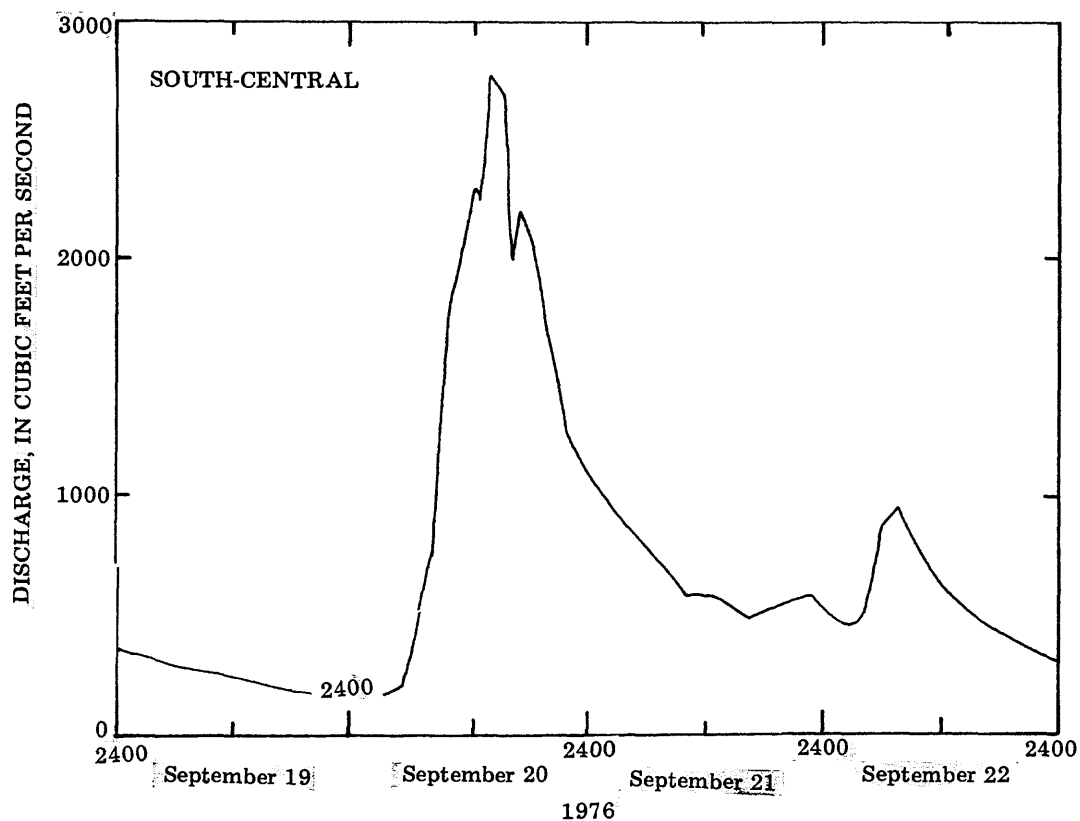


Figure 2. -- Discharge for Spruce Creek near Seward.

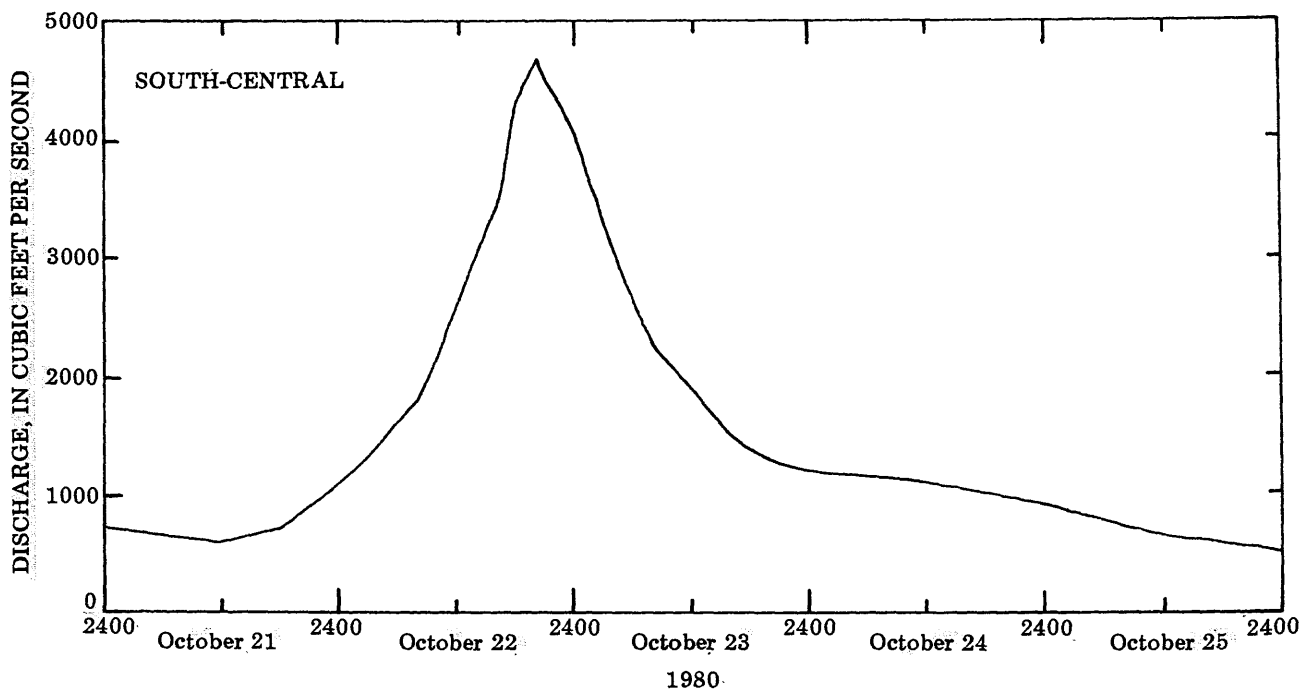


Figure 3. -- Discharge for Anchor River near Anchor Point.

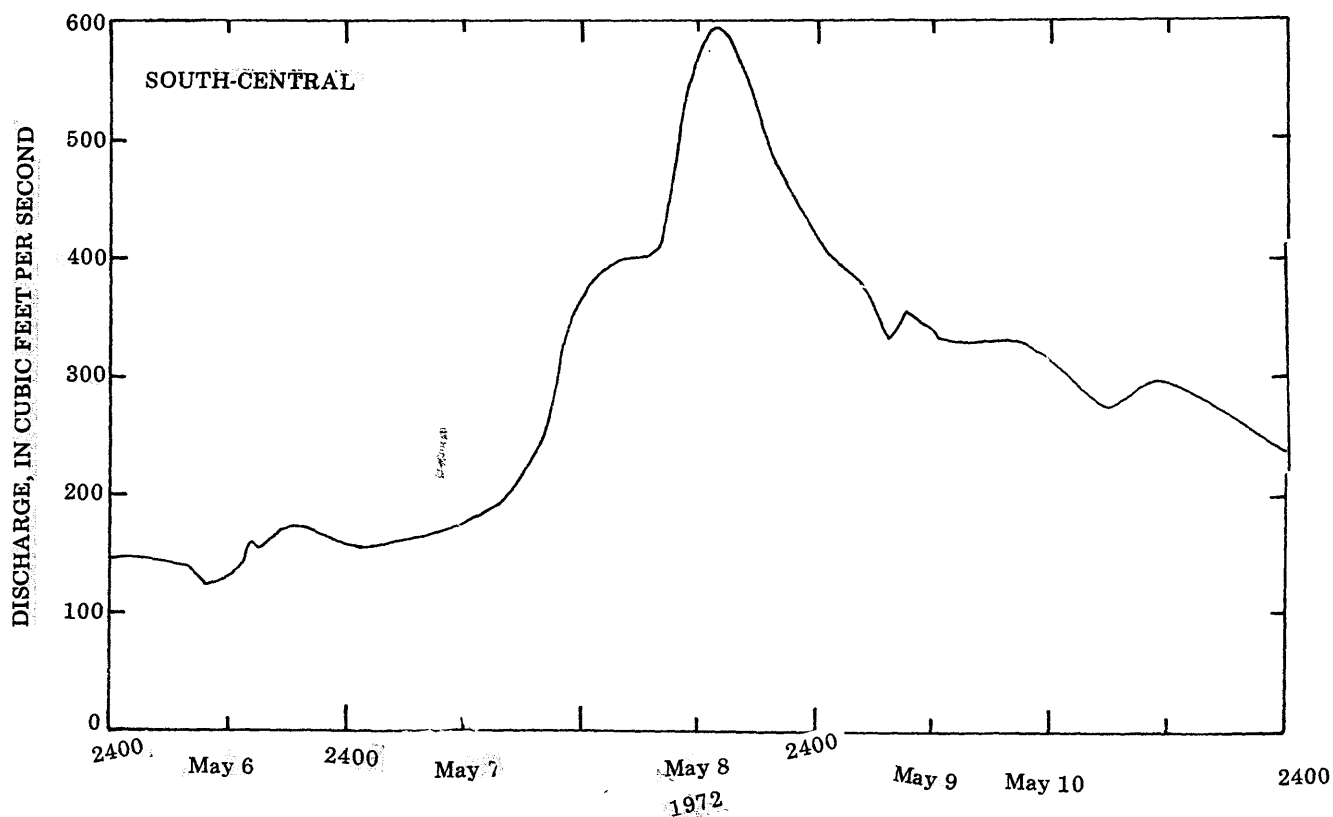


Figure 4. -- Discharge for Beaver Creek near Kenai.

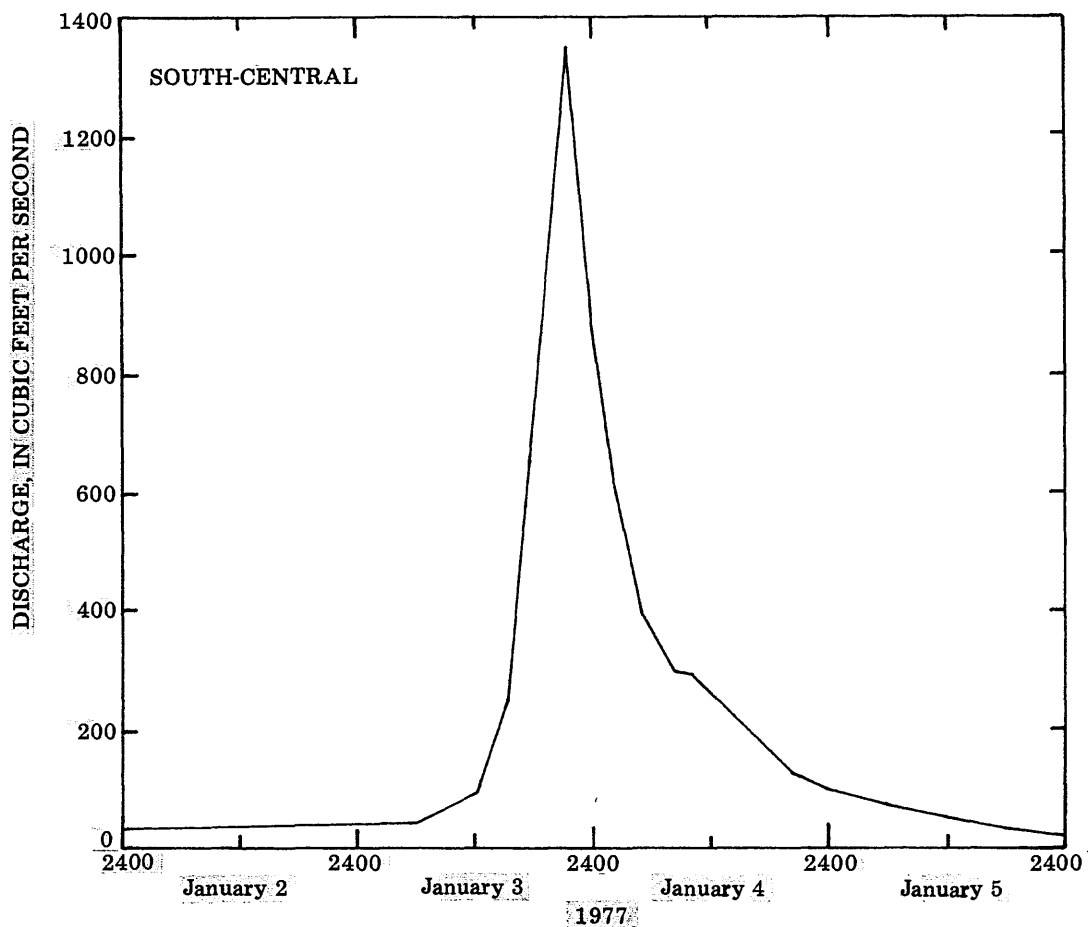


Figure 5. -- Discharge for Myrtle Creek near Kodiak.

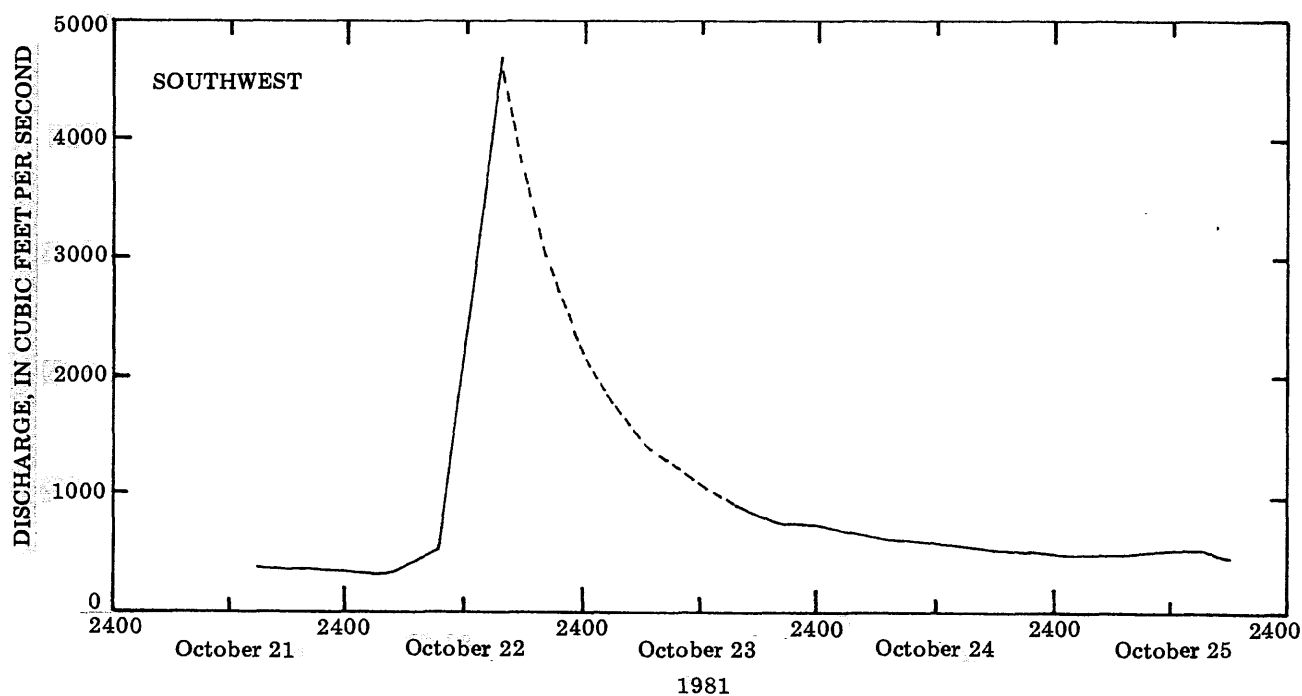


Figure 6. -- Discharge for Russell Creek near Cold Bay.

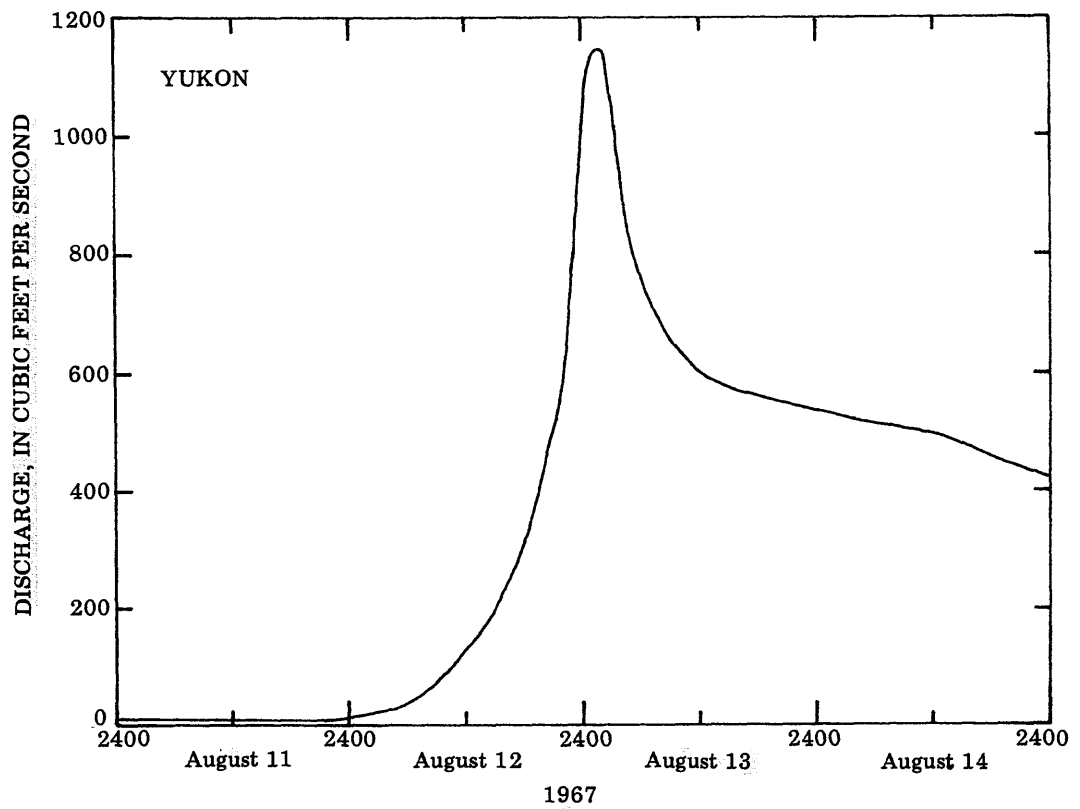


Figure 7. -- Discharge for Boulder Creek near Central.

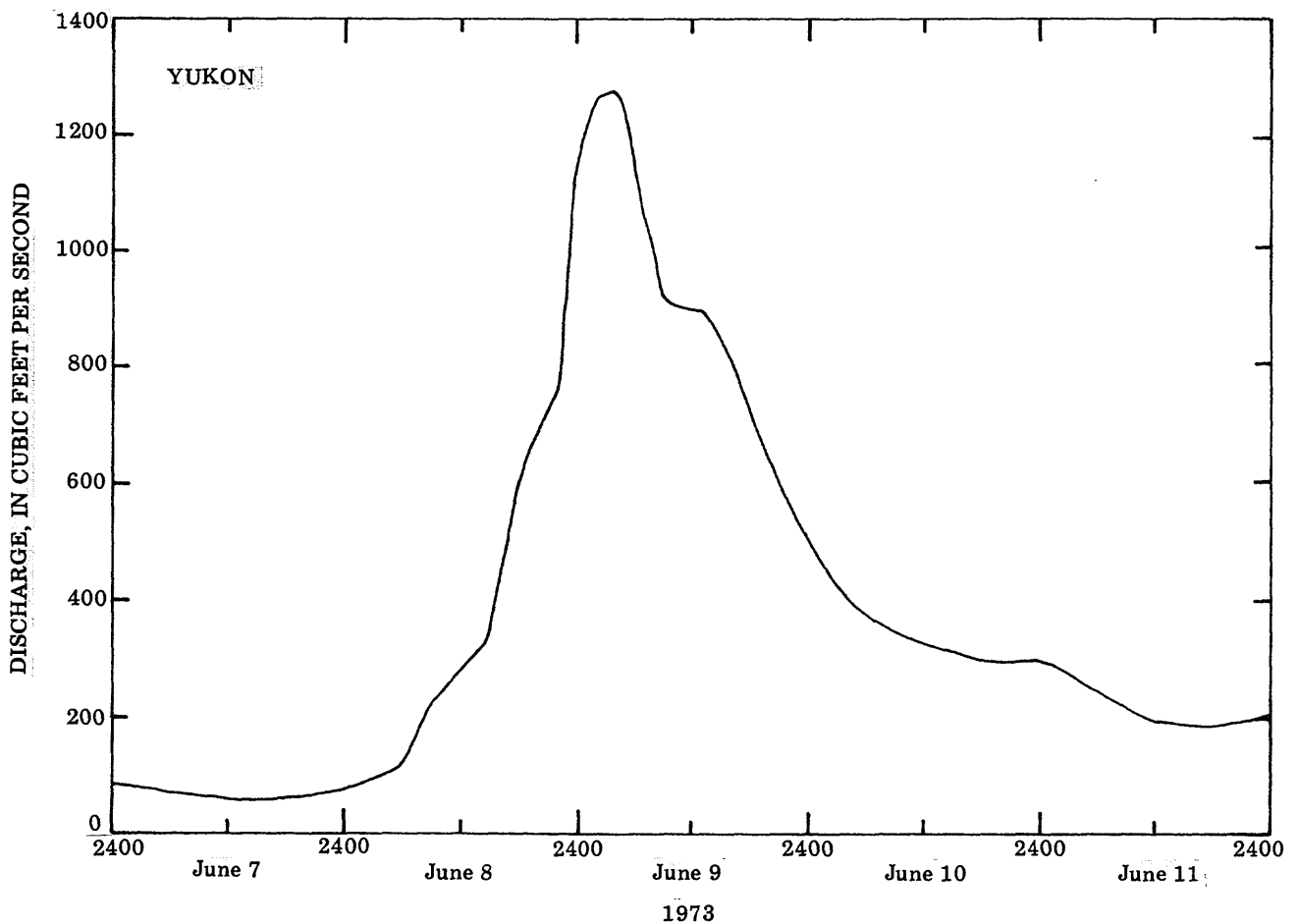


Figure 8. -- Discharge for Berry Creek near Dot Lake.

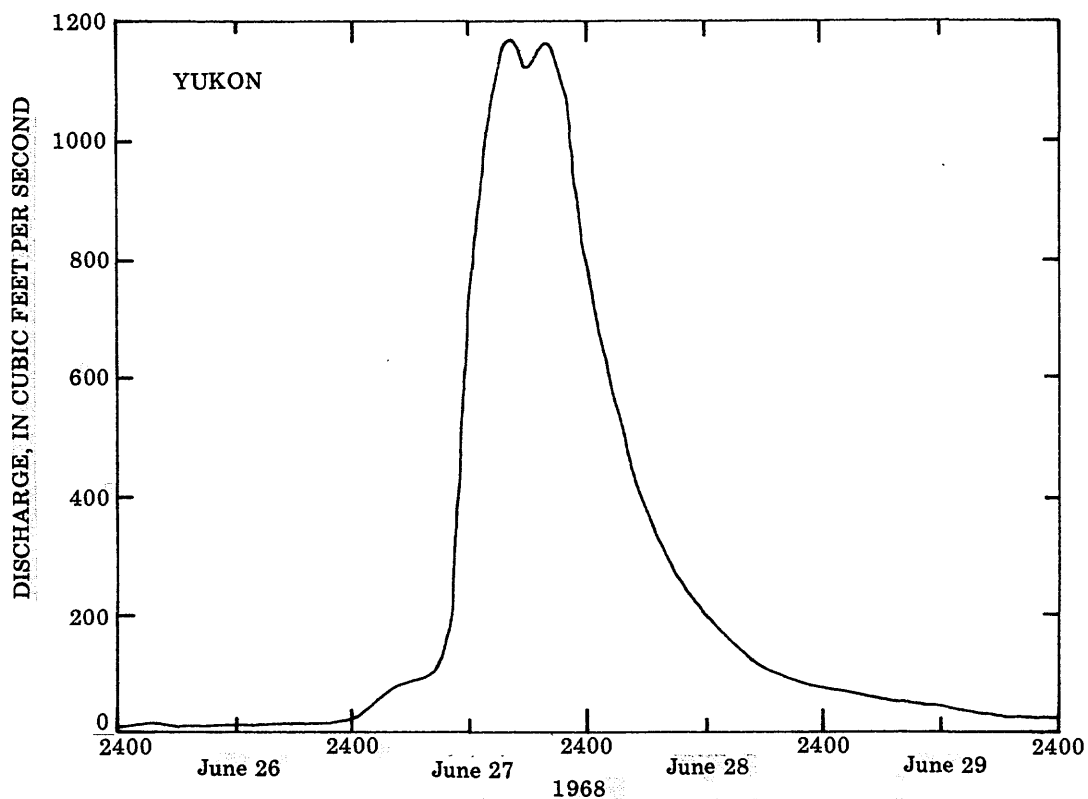


Figure 9. -- Discharge for Dry Creek near Dot Lake.

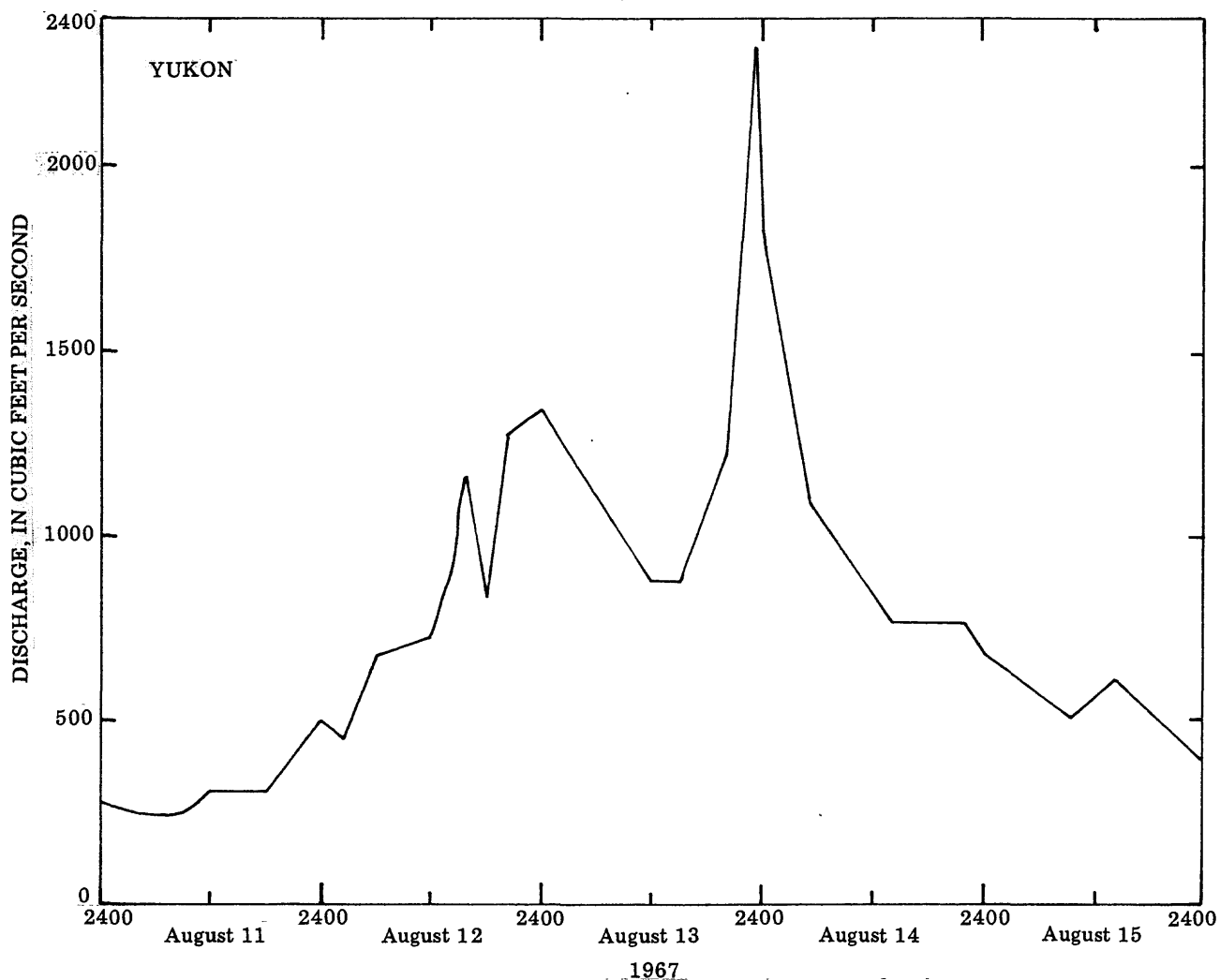


Figure 10. -- Discharge for Phelan Creek near Paxson.

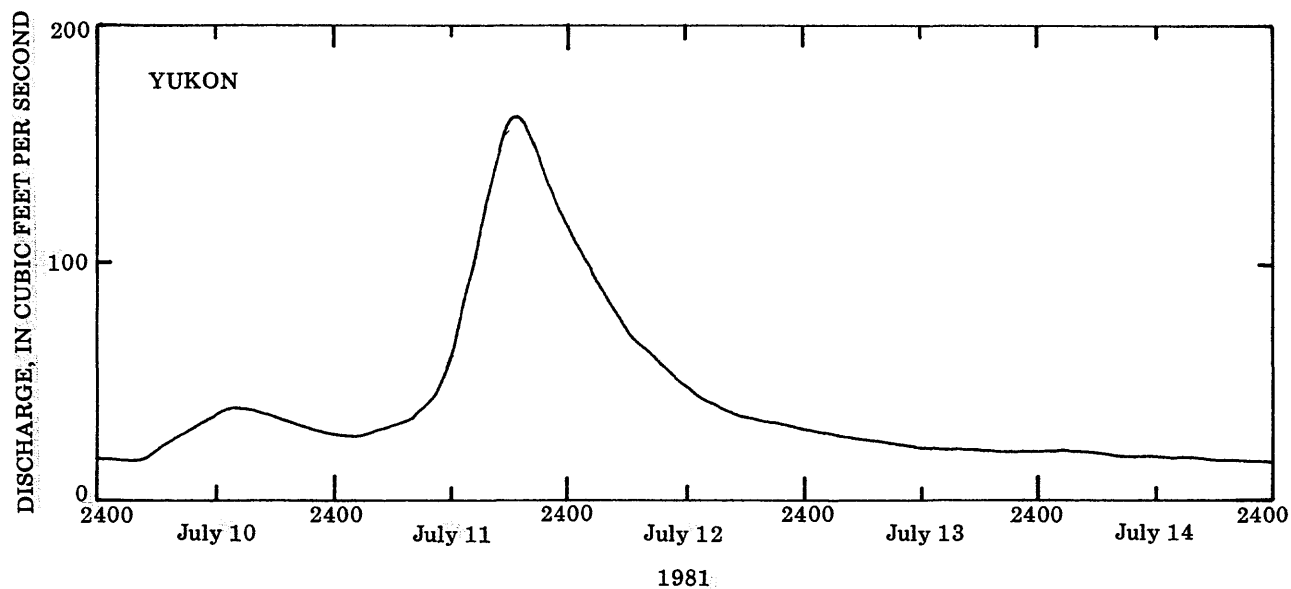


Figure 11. -- Discharge for Caribou Creek near Chatanika.

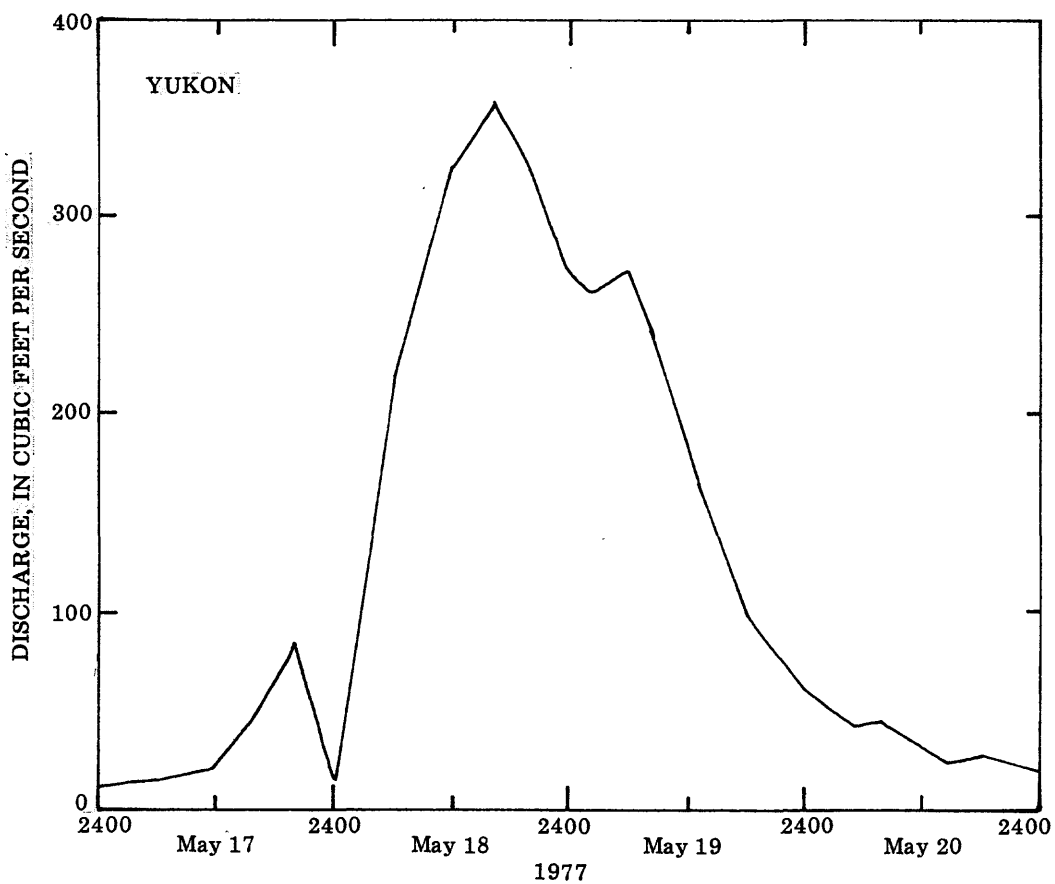


Figure 12. -- Discharge for Ophir Creek near Takotna.

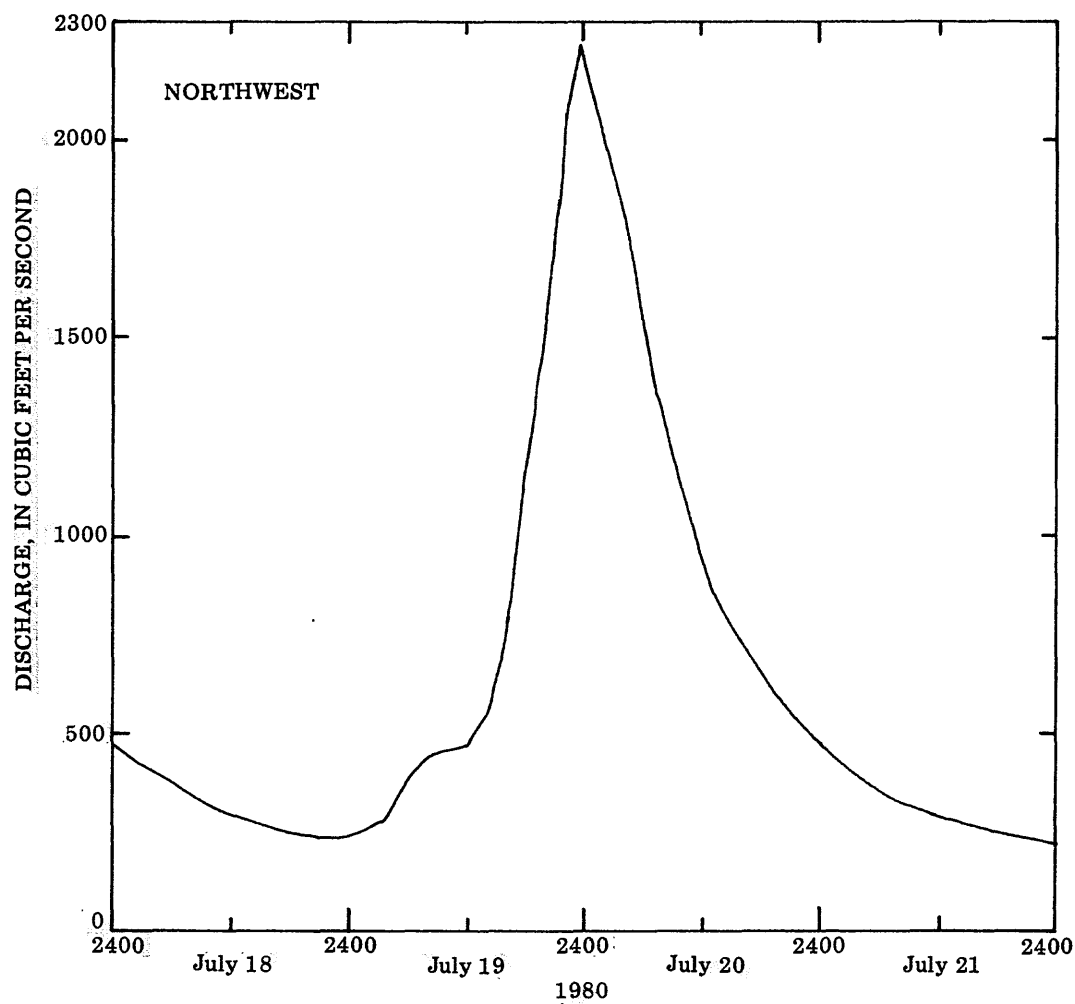


Figure 13. -- Discharge for Crater Creek near Nome.

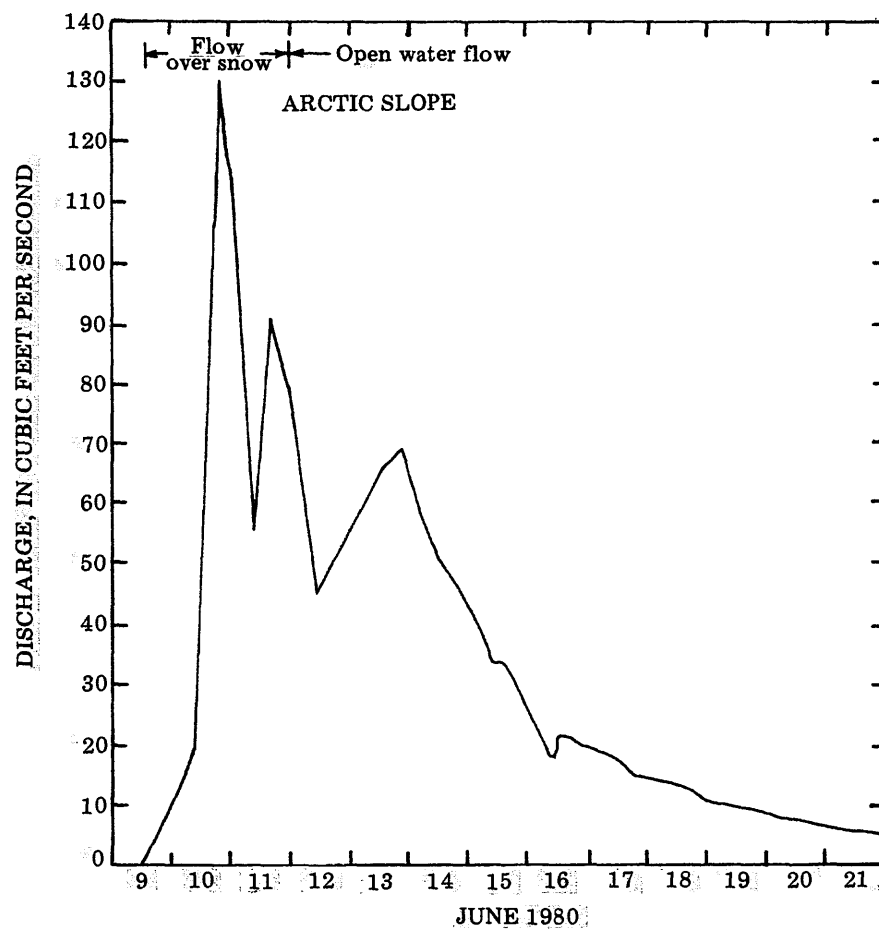


Figure 14. -- Discharge for Nunavak Creek near Barrow.

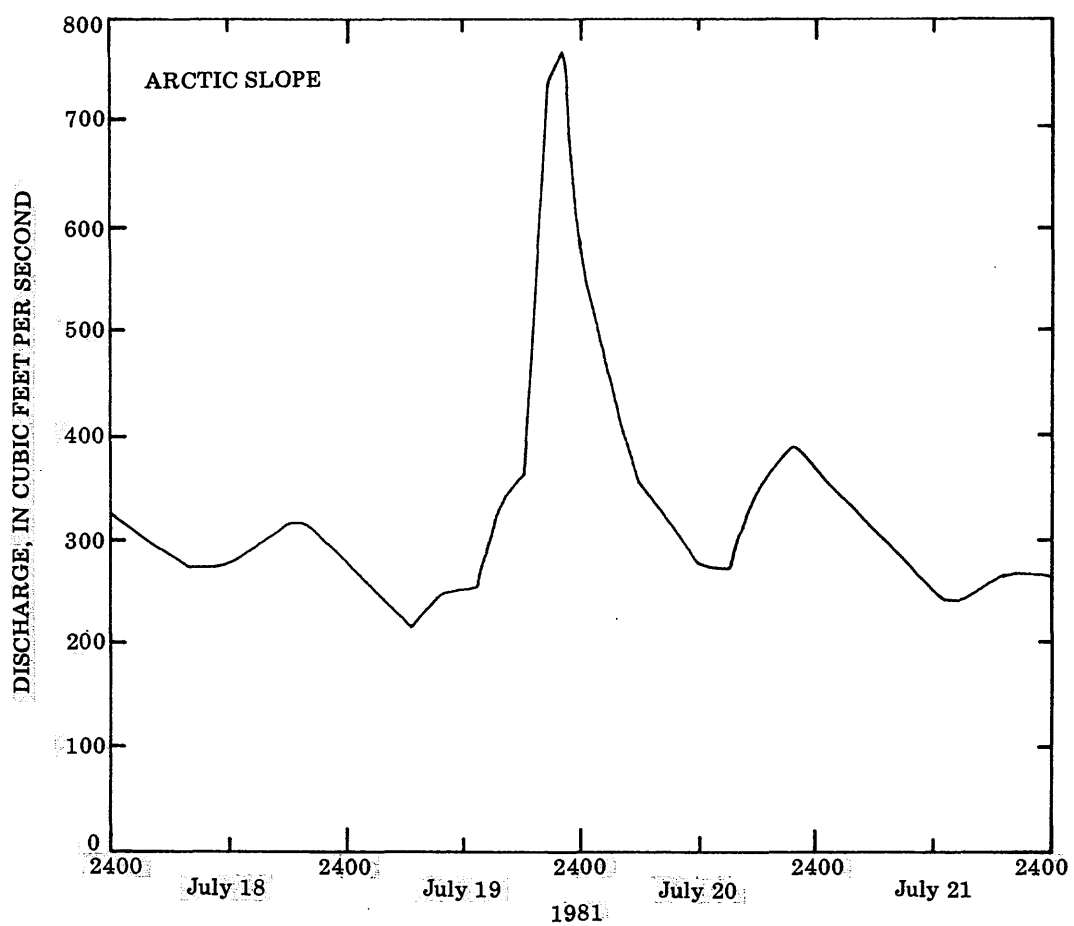


Figure 15. -- Discharge for Atigun River Tributary near Pump Station 4.

Table 1. - Distribution of drainage area sizes for watersheds in Alaska

Subregions and subareas ^{2/}	Years of record	Physiographic classification of basins ^{1/}																				
		Mountains and highlands							Plateaus and uplands							Lowlands						
		Drainage area (mi ²)							Drainage area (mi ²)							Drainage area (mi ²)						
		0-1	1-5	5-10	10-20	20-50	50-100	100-200	0-1	1-5	5-10	10-20	20-50	50-100	100-200	0-1	1-5	5-10	10-20	20-50	50-100	100-200
Southeast	Less than 5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	--	7	4	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10-20	--	3	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
South-central Kodiak- Shelikof	Less than 5	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10-20	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cook Inlet	Less than 5	1	2	2	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	1	2	1	--	--	1	--	--	--	--	2	--	--	--	--	--	--	--	1	--
	10-20	--	1	3	4	1	--	--	--	1	2	1	--	--	1	--	--	1	--	--	1	--
	Greater than 20	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gulf of Alaska	Less than 5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	1	1	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10-20	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Copper River	Less than 5	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	--	--	--	2	--	1	--	--	--	--	--	--	--	--	--	1	--	--	1	--
	10-20	--	--	1	1	2	--	--	--	1	--	1	--	--	--	--	--	1	2	--	1	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Southwest	Less than 5	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10-20	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Yukon	Less than 5	2	2	1	2	2	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--
	5-10	--	4	5	5	2	2	2	--	--	--	1	1	--	1	--	--	--	1	--	--	--
	10-20	1	1	7	2	6	2	--	--	2	--	2	1	--	--	--	--	2	--	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
Northwest	Less than 5	--	--	--	--	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--
	5-10	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--
	10-20	--	--	--	--	1	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Arctic Slope	Less than 5	--	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
	5-10	--	--	--	--	1	--	--	--	--	1	--	1	--	--	--	--	--	--	--	--	--
	10-20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Greater than 20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
TOTAL (155)		5	23	31	21	24	7	4	--	8	4	5	6	--	2	--	1	4	6	--	4	--

^{1/} modified from Wahrhaftig (1965)

^{2/} Inter-Agency Technical Committee for Alaska (1970)

Table 2. -- Gaging-station records

[See page 57 for alphabetical listing.]

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
SOUTHEAST							
15010500 Halibut Bay Tributary near Hyder							
Lat 55°15'00", long 130°06'00", on left bank 0.3 mi upstream from mouth at Halibut Bay, and 58 mi south of Hyder.	8.58	Aug. 1963- Aug. 1971	Crest-stage gage	1963	Sept. 16, 1963	12.76	750
				1964	Dec. 31, 1963	12.98	1,020
				1965	Oct. 19, 1964	14.48	3,400
				1966	Sept. 4, 1966	14.28	2,950
				1967	Sept. 23, 1967	13.92	2,300
				1968	Jan. 23, 1968	13.84	2,140
				1969	Aug. 14, 1969	13.29	1,320
				1970	Nov. 28, 1969	14.51	2,430
15011900 Cabin Creek near Ketchikan							
Lat 55°19'19", long 130°47'00", on left bank 1,000 ft upstream from mouth on north side of Smeaton Bay, and 33 mi east of Ketchikan.	8.80	Aug. 1964- Aug. 1971	Crest-stage gage	1965	Oct. 19, 1965	10.93	1,100
				1966	Aug. 15, 1966	10.70	990
				1967	Sept. 23, 1967	11.41	1,400
				1968	Apr. 9, 1968	10.14	720
				1969	Nov. 19, 1968	11.00	1,150
				1970	Sept. 26, 1970	11.28	1,300
15019000 Black Bear Creek near Meyers Chuck							
Lat 55°43'30", long 132°09'48", 1 mi downstream from unnamed tributary, 1.5 mi upstream from mouth at Union Bay, and 3.9 mi south of Meyers Chuck.	16.5	Aug. 1963- Aug. 1971	Crest-stage gage	1963	Sept. 7, 1963	12.42	1,140
				1964	Jan. 1, 1964	15.56	2,600
				1965	Feb. 17 or 18, 1965	14.37	1,850
				1966	Mar. 29, 1966	16.76	3,470
				1967	Oct. 18, 1966	14.95	2,300
				1968	Jan. 23, 1968	15.75	2,800
				1969	Nov. 19, 1968	15.41	2,550
				1970	Nov. 28, 1969	14.68	2,050
15054500 Bessie Creek near Auke Bay							
Lat 58°25'30", long 134°54'00", in SE 1/4 sec. 7, T. 38 S., R. 63 E., 1,000 ft upstream from mouth of Yankee Cove on eastern shore of Lynn Canal, and 16.5 mi northwest of Auke Bay.	1.35	May 1966- 1980	Crest-stage gage	1967	Sept. 15, 1967	a6.88	150
				1968	Sept. 27, 1968	a6.31	68
				1969	June 1, 1969	a6.08	48
				1970	Sept. 28, 1970	a7.18	203
				1971	May 6, 1971	a6.75	128
				1972	Sept. 29, 1972	a7.17	200
				1973	Oct. 3, 1972	a7.22	215
				1974	Aug. 23, 1974	a7.11	195
				1975	Nov. 2, 1974	a7.51	300
				1976	Sept. 15, 1976	a6.94	160
				1977	Oct. 14, 1976	a6.66	105
				1978	June 1, 1978	11.95	127
				1979	Nov. 1, 1978	14.58	310
				1980	Oct. 9, 1979	13.40	240
15057500 William Henry Creek near Auke Bay							
Lat 58°44'46", long 135°14'25", about 600 ft upstream from mouth on western shore of Lynn Canal about 2 mi north of entrance to William Henry Bay, and 33 mi northwest of Auke Bay.	1.58	May 1966- 1980	Crest-stage gage	1967	Sept. 15, 1967	13.70	663
				1968	Sept. 28, 1968	12.91	296
				1969	June 1, 1969	12.79	275
				1970	Nov. 28, 1969	13.21	450
				1971	May 20, 1971	b	b
				1972	May 20, 1972	12.69	260
				1973	1973	b	b
				1974	Aug. 23, 1974	13.80	c340
				1975	Nov. 2, 1974	14.89	550
				1976	Sept. 15, 1976	14.32	425
				1977	Sept. 12, 1977	15.45	790
				1978	July 3, 1977	b	b
				1979	1979	16.15	1,130
				1980	1980	b	b
15072200 Sea Level Creek near Ketchikan							
Lat 55°22'05", long 131°11'03", 0.2 mi upstream from mouth at Thorne Arm, and 18 mi east of Ketchikan.	18.6	Aug. 1963- Aug. 1971	Crest-stage gage	1963	Sept. 25, 26, 1963	9.41	1,580
				1964	Dec. 31, 1963	12.61	2,940
				1965	Oct. 19, 1964	13.50	4,000
				1966	Sept. 3, 1966	13.12	3,480
				1967	Nov. 1, 1966 or		
				1968	May 16, 1967	12.34	2,750
				1969	Jan. 23, 1968	12.29	2,500
				1970	Nov. 19, 1968	13.05	3,400
15079800 Klu Creek near Bell Island							
Lat 55°50'30", long 131°25'20", in SW 1/4 sec. 35, T. 69 S., R. 91 E., 0.5 mi upstream from mouth at Klu Bay, and 8.5 mi southeast of Bell Island.	5.97	Aug. 1963- Nov. 1967	Crest-stage gage	1963	Sept. 6, 1963	11.88	535
				1964	Sept. 7, 1965	13.02	1,050
				1965	Feb. 18, 1965	13.28	1,180
				1966	Sept. 3, 1966	12.57	830
				1967	Nov. 1, 1966	11.88	540
				1968	Oct. 10, 1967	d12.78	d930

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			Discharge (ft ³ /s)				
					Date	Gage height (ft)						
SOUTHEAST--Continued												
15081490 Yatuk Creek near Klawock												
Lat 55°53'57", long 133°08'42", on Prince of Wales Island in Tongass National Forest, 0.4 mi upstream from mouth at Naukatu Bay, and 24 mi north of Klawock.	5.80	July 1971-1980	Crest-stage gage	1971	July 1971	16.74	280					
				1972	Nov. 18, 1971	18.09	641					
				1973	Oct. 24, 1972	18.87	901					
				1974	Dec. 10, 1973	17.61	499					
				1975	Oct. 8, 1974	18.72	848					
				1976	Sept. 9, 1976	17.94	595					
				1977	Nov. 3, 1976	17.17	382					
				1978	Sept. 20, 1978	18.67	830					
				1979	1979	18.35	723					
				1980	Oct. 1979	23.06	2,860					
15081890 Natuhini Creek near Hydaburg												
Lat 55°17'08", long 132°49'18", in NE¼ sec. 17, T. 76 S., R. 83 E., on Prince of Wales Island, in Tongass National Forest, 0.7 mi upstream from mouth of Natuhini Bay, and 5.5 mi north of Hydaburg.	9.10	July 1971-1980	Crest-stage gage	1971	Aug. 19, 1971	21.17	2,520					
				1972	Sept. 29, 1972	21.06	2,300					
				1973	Oct. 30, 1972	20.60	2,150					
				1974	Dec. 7, 1973	20.09	1,800					
				1975	1975	b	b					
				1976	Jan. 30, 1976	21.16	2,500					
				1977	Nov. 3, 1976	21.45	1,290					
				1978	Sept. 20, 1978	20.86	1,080					
				1979	Nov. 1978	21.45	1,290					
				1980	Oct. 1979	21.39	1,270					
15085200 Dog Salmon Creek near Hollis												
Lat 55°20'42", long 132°30'24", 0.3 mi upstream from mouth of Polk Inlet, 1 mi downstream from unnamed tributary, and 11.5 mi southeast of Hollis.	16.8	Aug. 1963-Sept. 1971	Crest-stage gage	1963	Sept. 24, 1963	12.32	460					
				1964	Dec. 31, 1963	15.13	2,250					
				1965	Oct. 19, 1964	17.14	2,680					
				1966	Sept. 3, 1966	15.82	1,630					
				1967	Jan. 10, 1967	16.65	1,750					
				1968	Sept. 24, 1968	15.58	1,340					
				1969	Nov. 19, 1968	e15.00	e1,150					
				1970	Nov. 26, 1969	15.91	1,470					
15086900 Red Creek near Point Baker												
Lat 56°15'36", long 133°19'34", on Prince of Wales Island, in Tongass National Forest, 0.2 mi upstream from Red Bay tideflats, and 13 mi southeast of Point Baker.	11.2	July 1971-1981	Crest-stage gage	1971	Sept. 12, 1971	17.09	744					
				1972	Nov. 18, 1971	17.97	854					
				1973	Oct. 30, 1972	18.46	1,080					
				1974	Dec. 7, 1973	18.51	1,100					
				1975	Oct. 8, 1974	19.31	1,430					
				1976	Jan. 31, 1976	19.39	1,530					
				1977	Nov. 3, 1976	19.04	1,400					
				1978	Oct. 11, 1977	18.47	1,090					
				1979	1979	19.05	1,390					
				1980	Oct. 1979	18.24	965					
				1981	Sept. 7, 1981	18.43	1,050					
				15087250 Twin Creek near Petersburg								
Lat 56°43'13", long 132°55'33", in NE¼ sec. 35, T. 59 S., R. 79 E., on Mitkof Island, at Mitkof Highway bridge 600 ft upstream from mouth of Wrangell Narrows, and 6.5 mi south of Petersburg.	3.82	June 1966-1980	Crest-stage gage	1967	Oct. 18, 1966	10.51	290					
				1968	Sept. 28, 1968	10.51	290					
				1969	Sept. 10, 1969	11.02	415					
				1970	Sept. 28, 1970	10.15	420					
				1971	Aug. 19, 1971	10.02	290					
				1972	May 30, 1972	11.18	700					
				1973	Oct. 30, 1972	10.62	482					
				1974	Oct. 27, 1973	10.45	425					
				1975	Oct. 8, 1974	10.49	610					
				1976	Jan. 30, 1976	10.69	510					
				1977	Nov. 3, 1976	10.82	550					
				1978	Oct. 15, 1977	b	b					
				1979	1979	10.55	460					
				1980	Oct. 1979	10.83	565					
				15087570 Hamilton Creek near Kake								
				Lat 56°52'21", long 133°40'30", in SE¼ sec. 1, T. 58 S., R. 74 E., on Kupreanof Island, in Tongass National Forest, 2.9 mi upstream from mouth at Hamilton Bay and 12 mi southeast of Kake.	65.0	1972-1980	Crest-stage gage	1972	Nov. 18, 1971	g10.08	1,790	
								1973	Oct. 30, 1972	g12.41	4,100	
1974	b	b	b									
1975	Oct. 8, 1974	g12.30	4,000									
1976	Jan. 30, 1976	14.97	15,600									
1977	Oct. 26, 1976	14.06	12,000									
1978	Oct. 11, 1977	12.25	6,410									
1979	Oct. 31, 1978	14.60	14,100									
1980	Oct. 3, 1979	13.36	9,600									

Table 2. -- Gaging-station records -- Continued

				Annual maximum data			
Location	Drainage area (mi ²)	Period of record	Gage	Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
SOUTHEAST --Continued							
15087585 Twelvemile Creek near Petersburg							
Lat 56°58'07", long 133°04'05", in NW¼SE¼ sec.31, T.56 S., R.77 E., on Kupreanof Island in Tongass National Forest, 0.8 mi upstream from mouth at Fredrick Sound, and 10 mi northwest of Petersburg	9.39	1973-	Crest-stage gage	1973	Feb. 21, 1973	12.12	1,220
				1974	Oct. 27, 1973	10.67	830
				1975	Oct. 8, 1974	10.30	750
				1976	Sept. 9, 1976	10.83	880
				1977	Nov. 3, 1976	11.55	1,040
				1978	Oct. 15, 1977	b	b
				1979	Oct. 18, 1978	13.03	1,460
				1980	Oct. 1979	9.39	1,230
				1981	1981	10.42	780
15087595 Kadake Creek near Kake							
Lat 56°46'45", long 134°00'42", in W¼SW¼ sec.1, T.59 S., R.72 E., on Kuiu Island, in Tongass National Forest, 1.5 mi upstream from mouth of Kadake Bay and 15 mi south of Kake.	43.6	1972-	Crest-stage gage	1972	Nov. 18, 1971	100.12	3,550
				1973	Oct. 30, 1972	101.07	5,100
				1974	Sept. 25, 1974	102.09	7,000
				1975	Sept. 30, 1975	103.14	10,000
				1976	1976	b	b
				1977	Nov. 3, 1976	101.80	6,600
				1978	Oct. 17, 1977	b	b
				1979	1979	b	b
				1980	Oct. 1979	104.16	12,700
				1981	Oct. 28, 1980	102.18	7,400
15101600 Wheeler Creek near Douglas							
Lat 58°01'49", long 134°46'08", in SE¼NE¼ sec.27, T.44 S., R.65 E., on Admiralty Island in Tongass National Forest, on left bank, 2.4 mi above mouth at Game Cove in Chatham Strait, and 22 mi southwest of Douglas.	57.1	Aug. 1971- 1977	Crest-stage gage	1971	Aug. 20, 1971	cd19.20	cd696
				1972	Nov. 18, 1971	21.44	2,200
				1973	Oct. 30, 1972	23.93	3,400
				1974	Oct. 11, 1973	18.88	580
				1975	July 25, 1975	20.81	1,710
				1976	Oct. 17, 1977	b	b
				1977	Oct. 14, 1976	23.32	2,010
15101800 Fishery Creek near Angoon							
Lat 57°45'45", long 134°42'21", on west shore of Admiralty Island in Tongass National Forest, approximately 0.5 mi upstream from mouth of the stream, and 19 mi northwest of Angoon	54.3	Aug. 1971- 1978	Crest-stage gage	1971	Aug. 19, 1971	a	d1,240
				1972	Nov. 18, 1971	26.98	1,750
				1973	Oct. 5, 1972	29.29	6,290
				1974	May 4, 1974	27.48	2,400
				1975	Nov. 1974	27.97	3,250
				1976	May 3, 1976	29.83	7,800
				1977	Oct. 26, 1976	29.87	7,970
				1978	b	f31.45	b
15102350 North Arm Creek near Angoon							
Lat 57°23'48", long 134°19'24", on Admiralty Island, in Tongass National Forest, 600 ft upstream from the mouth of the North Arm of Hood Bay, and 12 mi southeast of Angoon.	8.64	Aug. 1971- 1978	Crest-stage gage	1971	Aug. 23, 1971	cd17.28	cd425
				1972	Nov. 18, 1971	19.94	1,170
				1973	Oct. 5, 1972	18.78	1,050
				1974	Oct. 11, 1973	18.20	760
				1975	Oct. 8, 1974	18.85	1,100
				1976	May 3, 1976	18.20	780
				1977	Nov. 2, 1976	18.78	1,050
				1978	Oct. 17, 1977	18.00	705
15108250 Game Creek near Hoonah							
Lat 58°03'02", long 135°29'21", in SE¼SE¼ sec.18, T.44 S., R.61 E., in Tongass National Forest, 2 mi upstream from mouth, and 4.5 mi southwest of Hoonah.	42.8	Aug. 1970- 1980	Crest-stage gage	1970	Sept. 28, 1970	9.77	6,140
				1971	May 7, 1971	9.86	6,500
				1972	Nov. 18, 1971	11.30	12,000
				1973	Oct. 30, 1972	11.94	15,500
				1974	Oct. 29, 1973	13.78	7,900
				1975	Nov. 1974	13.27	5,900
				1976	Sept. 15, 1976	13.37	6,300
				1977	Oct. 26, 1976	13.09	5,300
				1978	Oct. 17, 1977	b	b
				1979	Nov. 1, 1978	15.35	17,000
				1980	Oct. 1979	13.97	8,780
15108290 Gos Creek near Elfin Cove							
Lat 58°11'49", long 136°03'07", in NW¼SW¼ sec.26, T.42 S., R.58 E., on Chichagof Island, in Tongass National Forest, 0.5 mi upstream from mouth behind Good Island in Mud Bay and 11 mi east of Elfin Cove.	16.7	1974-1980	Crest-stage gage	1974	Sept. 25, 1974	43.54	2,190
				1975	Nov. 1974	45.76	4,600
				1976	May 3, 1976	44.54	3,240
				1977	Nov. 2, 1976	45.75	4,570
				1978	Oct. 17, 1977	b	b
				1979	Nov. 1, 1978	45.84	4,670
				1980	Sept. 24, 1980	48.41	7,620

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data				
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)	
SOUTH-CENTRAL								
15198500 Station Creek near Mentasta								
Lat 62°56'12", long 143°39'54", in SW¼ sec. 2, T.13 N., R.9 E., on left bank, 0.3 mi upstream from wooden bridge on Mentasta Village Road, 1 mi west of Slana-Tok Highway, and 4 mi east of Mentasta.	15.3	May 1970-	Crest-stage gage	1970	July	1970	10.25	28
				1971	Aug. 10,	1971	9.09	c3.0
				1972	July	1972	9.21	246
				1973	June 8,	1973	46.41	260
				1974	July 8,	1974	46.22	281
				1975	July	1975	14.10	150
				1976	July	1976	14.69	240
				1977	July	1977	b	309
				1978		1978	b	b
				1979	July	1979	11.45	140
				1980	June	1980	11.78	180
				1981	May	1981	f12.58	b
15199000 Copper River Tributary near Slana								
Lat 62°43'03", long 144°14'21", SW¼ sec. 23, T.11 N., R.6 E., on right bank 20 ft upstream from culvert at mi 51.8 on the Slana-Tok Highway, and 9 mi west of Slana.	4.32	Aug. 1963-	Crest-stage gage	1963	Aug.	1963	10.34	13
				1964	July	1964	13.75	173
				1965	July	1965	13.20	135
				1966	June	1966	10.90	28
				1967		1967	b	c7.0
				1968	June 26,	1968	10.95	29
				1969	Aug.	1969	10.51	15
				1970	July	1970	10.87	26
				1971	Aug. 10,	1971	10.65	19
				1972	July 28,	1972	11.50	48
				1973	June 8,	1973	12.55	98
				1974	June	1974	11.71	57
				1975	July 19,	1975	12.53	97
				1976	Aug.	1976	11.28	40
				1977	July	1977	10.35	20
				1978	July 25,	1978	12.78	110
				1979	June	1979	11.40	45
				1980	June	1980	14.24	205
				1981	Aug. 29,	1981	11.83	62
*15200270 Sourdough Creek at Sourdough								
Lat 62°31'46", long 145°30'52", in SW¼ sec. 25, T.9 N., R.1 W., on left bank 20 ft downstream from highway bridge at mi 147.7 Richardson Highway, 0.7 mi upstream from mouth, and at the Sourdough Roadhouse.	68	1970-81	Crest-stage gage	1970		1970	74.15	50
				1971	Aug.	1971	75.31	410
				1972	May	1972	78.32	1,270
				1973	June 25,	1973	75.12	300
				1974	May 15,	1974	75.52	260
				1975	May 13,	1975	76.30	495
				1976	May	1976	74.14	110
				1977	May	1977	76.51	490
				1978	May 7,	1978	74.84	245
				1979	May	1979	78.46	1,270
				1980		1980	74.86	324
				1981	May	1981	73.56	114
15201000 Dry Creek near Glennallen								
Lat 62°08'49", long 145°28'31", in NE¼ sec. 7, T.4 N., R.1 W., on right bank 500 ft upstream from culvert at mi 119 Richardson Highway and 3.3 mi north of Glennallen.	11.4	June 1963-	Crest-stage gage	1963	July	1963	a12.11	114
				1964	July	1964	a10.50	66
				1965	May	1965	a9.98	47
				1966	May	1966	a12.62	130
				1967	May 19,	1967	a12.59	125
				1968	May	1968	a11.90	110
				1969	May 22,	1969	a9.15	c1.0
				1970		1970	a --	No flow
				1971	Aug.	1971	a10.84	26
				1972	May	1972	a25.88	546
				1973	May	1973	a10.57	69
				1974	May	1974	a11.02	70
				1975	June 2,	1975	a11.55	84
				1976	May	1976	a11.50	80
				1977	May	1977	ga14.14	291
				1978	May	1978	b	c14
				1979	May 5,	1979	19.00	350
				1980	May	1980	16.04	30
				1981	July	1981	16.44	60
15201100 Little Nelchina River Tributary near Eureka Lodge								
Lat 61°59'17", long 147°00'34", in NW¼ sec. 2, T.2 N., R.10 W., Matanuska Susitna Borough, on right bank at mi 132 Glenn Highway and 6 mi northeast of Eureka Lodge.	7.81	Aug. 1964-	Crest-stage gage	1965	June	1965	9.55	18
				1966	May	1966	9.33	13
				1967	May	1967	11.84	115
				1968	May 12,	1968	10.95	73
				1969	July 8,	1969	9.11	10
				1970	May 12,	1970	--	22
				1971	Aug.	1971	9.76	26
				1972	May 11,	1972	f14.28	c20
				1973	June 16,	1973	12.79	120
				1974	May	1974	9.56	21
				1975	June	1975	12.03	88
				1976	May 5,	1976	11.01	55
				1977	May 29,	1977	13.30	127
				1978	May 15,	1978	10.74	50
				1979	July 15,	1979	12.08	89
				1980	May	1980	11.55	73
				1981	May 14,	1981	10.60	48

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			Discharge (ft ³ /s)
					Date	Gage height (ft)		
SOUTH-CENTRAL --Continued								
15201900 Moose Creek Tributary at Glennallen								
Lat 62°06'32", long 145°30'57", in SE¼ sec.23, T.4 N., R.2 W., on right bank at mi 188 Glenn Highway, and 0.2 mi west of post office at Glennallen.	7.12	June 1963- 1974	Crest-stage gage	1963	July	1963	11.15	22
				1964	July	1964	11.02	17
				1965	May	1965	12.24	40
				1966	May	1966	15.11	140
				1967	May	1967	13.70	88
				1968	May	1968	13.60	85
				1969	--	1969	--	No flow
				1970	--	1970	--	No flow
				1971	Aug.	1971	11.66	8.4
				1972	May	1972	22.03	250
				1973	July	10, 1973	14.34	14
				1974	May	1974	g15.18	96
15208100 Squirrel Creek near Tonsina								
Lat 61°40'05", long 145°10'26", in NW¼ sec.26, T.2 S., R.1 E., on right bank 150 ft upstream from highway bridge at mi 79.5 on Richardson Highway, 0.3 mi north- east of Tonsina River bridge, 0.3 mi upstream from mouth, and 0.4 mi north of Tonsina.	70.5	Aug. 9, 1963- June 29, 1965	Crest-stage gage at site 90 ft downstream at datum 12.18 ft lower.	1964	June	1964	a12.64	1,200
				1965	June	1965	a11.03	360
				1966	June 5,	1966	3.26	486
				1967	May 11,	1967	2.95	289
				1968	May 23,	1968	3.34	438
				1969	May 25,	1969	2.55	116
				1970	May 15,	1970	2.52	108
				1971	June 11,	1971	3.04	308
				1972	May 31,	1972	3.41	478
				1973	May 16,	1973	b	200
				1974	May 30,	1974	b	200
				1975	June 2,	1975	1.46	206
				1976	June	1976	1.73	270
				1977	June 16,	1977	2.06	375
				1978	June	1978	1.41	190
				1979	May 2,	1979	2.12	395
				1980	June 10,	1980	2.28	460
				1981	May 17,	1981	2.13	400
15208200 Rock Creek near Tonsina								
Lat 61°45'32", long 145°09'14", in NW¼ sec.25, T.1 S., R.1 E., on left bank of Richardson Highway at mi 86.1, and 6.7 mi north of Tonsina Lodge.	14.3	May 1966-	Crest-stage gage	1966	June	1966	b	c75
				1967	May	1967	b	c34
				1968	May	1968	10.22	95
				1969	May	1969	9.07	16
				1970	May 13,	1970	8.92	5.5
				1971	July	1971	9.58	34
				1972	May 31,	1972	10.42	110
				1973	1973	1973	9.83	54
				1974	May	1974	9.77	44
				1975	June 2,	1975	9.89	56
				1976	June	1976	9.98	70
				1977	May 29,	1977	10.98	163
				1978	May	1978	b	40
				1979	May 2,	1979	9.85	68
				1980	May	1980	9.85	58
				1981	May	1981	9.89	62
15208500 Fivemile Creek near Chitina								
Lat 61°34'55", long 144°26'10", on left bank at mi 35 Edgerton Cutoff road, 0.4 mi upstream from Copper River, and 4.6 mi north of Chitina.	13.2	Aug. 1963- June 1970	Crest-stage gage	1964	Aug.	1964	11.78	230
				1965	June	1965	13.49	412
				1966	June	1966	11.44	150
				1967	1967	1967	b	b
				1968	Aug.	1968	9.76	120
15209000 Chititu Creek near May Creek								
Lat 61°22'12", long 142°40'50", in NW¼ sec.11, T.6 S., R.15 E., on right bank 10 ft below wooden bridge on May Creek-Dan Creek Road and 2 mi north of May Creek landing strip.	30.9	1973-	Crest-stage gage	1973	July	1973	5.31	430
				1974	June	1974	5.22	290
				1975	Sept. 11,	1975	5.85	380
				1976	June	1976	5.41	220
				1977	July	1977	5.52	250
				1978	Aug. 10,	1978	5.91	360
				1979	July	1979	5.60	250
				1980	June	1980	5.35	360
				1981	Aug 7,	1981	6.22	970
15209100 May Creek at May Creek								
Lat 61°20'42", long 142°41'49", in SE¼ sec.15, T.6 S., R.15 E., on left bank 100 ft west of the May Creek-Dan Creek Road and 0.3 mi northwest of the north end of the May Creek landing strip.	10.4	1973-	Crest-stage gage	1973		1973	b	21
				1974	June	1974	5.45	43
				1975	July 1,	1975	5.93	81
				1976	June	1976	5.26	37
				1977	May	1977	5.90	80
				1978	May	1978	a	<12
				1979	June	1979	6.01	90
				1980	June	1980	5.31	35
				1981	Aug. 7,	1981	6.87	168

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data				
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)	
SOUTH-CENTRAL --Continued								
15211700 Strelna Creek near Chitina								
Lat 61°30'40", long 144°04'00", in NE¼ sec.22, T.4 S., R.7 E., 300 ft upstream from timber bridge on Chitina-McCarthy Road and 13 mi east of Chitina.	23.8	June 1971-	Crest-stage gage	1971	July	1971	a11.06	208
				1972	June	1972	a10.90	216
				1973	July	1973	9.61	132
				1974	May	1974	9.34	78
				1975	Sept. 11,	1975	10.43	278
				1976	June	1976	9.77	190
				1977	June 30,	1977	10.08	345
				1978	June 12,	1978	9.50	105
				1979	July	1979	9.80	210
				1980	Aug. 6,	1980	9.91	250
				1981	Aug. 7,	1981	11.51	340
15211900 O'Brien Creek near Chitina								
Lat 61°28'59", long 144°27'23", 100 ft upstream from timber bridge on trail to Copper River gaging station, 0.1 mi upstream from Copper River, and 2.5 mi south of Chitina.	44.8	May 1970-	Crest-stage gage	1970		1970	4.02	310
				1971	July	1971	7.32	1,670
				1972	Aug.	1972	5.16	830
				1973	July	1973	4.34	492
				1974	June	1974	3.66	317
				1975	July 1,	1975	4.47	530
				1976	Aug.	1976	3.87	440
				1977	July	1977	4.12	770
				1978	June 12,	1978	b	182
				1979	June	1979	4.30	360
				1980	June 6,	1980	4.78	700
1981	Aug. 7,	1981	3.40	b				
15212500 Boulder Creek near Tiekel								
Lat 61°20'08", long 145°18'26", in NW¼ sec.19, T. 6 S., R.1 E., on right upstream wingwall at mi 51.4 Richardson Highway, and 0.7 mi north of Tiekel.	9.80	Aug. 1963-	Crest-stage gage	1964	June	1964	h12.28	450
				1965	July	1965	h10.90	290
				1966	June	1966	h10.62	215
				1967	June 15,	1967	h10.10	120
				1968	June	1968	h10.31	155
				1969		1969	7.15	12
				1970	June	1970	h10.20	135
				1971	July	1971	h10.58	408
				1972	July 10,	1972	7.82	180
				1973		1973	7.90	205
				1974	Aug. 28,	1974	7.65	133
				1975	July 2,	1975	8.24	320
				1976	July 10,	1976	8.14	170
				1977	June	1977	8.57	360
				1978	June 12,	1978	8.42	210
				1979	July	1979	8.39	200
				1980	June	1980	8.42	210
				1981	Aug. 7,	1981	11.72	1,330
*15212600 Tiekel River near Tiekel								
Lat 61°16'34", long 145°16'21", in NW¼ sec.8, T.7 S., R.1 E., on downstream left bank at highway bridge on the Richardson Highway, and 51.8 mi from Valdez.	115	1977-81	Crest-stage gage	1978		1978	15.91	1,330
				1979	June	1979	16.02	1,390
				1980	June 8,	1980	18.37	3,000
				1981	Aug. 7,	1981	20.26	4,880
15212800 Ptarmigan Creek Tributary near Valdez								
Lat 61°08'13", long 145°44'30", in NE¼ sec.34, T.8 S., R.3 W., on right bank at mi 24.4 Richardson Highway, and 26.2 mi north-east of Valdez.	0.72	Aug. 1965-June 1971	Crest-stage gage	1965	Sept.	1965	10.82	85
				1966	Aug.	1966	10.05	25
				1967	June	1967	10.25	40
				1968	June	1968	10.61	65
				1969	July	1969	9.48	c2.5
				1970	July	1970	10.54	60
*15213400 Stuart Creek near Valdez								
Lat 61°15'33", long 147°16'52", in NW¼ sec.17, T.7 S., R.1 E., on left bank at bridge on the Richardson Highway, 0.1 mi upstream from mouth, and 50.4 mi northeast of Valdez.	37.4	1971-81	Crest-stage gage	1972	June	1972	27.50	929
				1973	June 2,	1973	26.76	639
				1974		1974	26.54	873
				1975	July	1975	27.09	1,800
				1976	July	1976	25.61	927
				1977	July	1977	26.79	1,530
				1978	June	1978	25.97	931
				1979	July	1979	25.97	924
				1980		1980	26.46	1,320
				1981	Aug. 7,	1981	28.37	2,690
15219100 Control Creek near Cordova								
Lat 60°45'00", long 146°14'00", 0.5 mi upstream from Olsen Bay, and 21.6 mi northwest of Cordova.	4.22	Sept. 1964-1972	Crest-stage gage	1964	Sept.	1965	11.13	432
				1965	Sept. 6,	1965	12.00	930
				1966	Aug. 21,	1966	11.60	670
				1967	Sept. 7,	1967	11.24	480
				1968	Fr. 27,	1968	11.12	428
				1969	Oct. 2,	1969	10.80	310
				1970	Aug. 22,	1970	11.42	570
				1971	May	1971	11.57	652
				1972	Sept. 12,	1972	12.43	1,280

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			Discharge (ft ³ /s)
					Date	Gage height (ft)		
SOUTH-CENTRAL --Continued								
*15226480 Sheep Creek near Valdez								
Lat 61°06'50", long 145°48'37", in SW¼ sec.5, T.9 S., R.3 W., on left bank at bridge, 0.6 mi upstream from mouth and 23 mi east of Valdez on Richardson Highway.	31.9	July 1976	Crest-stage gage	1977	Aug.	1977	95.90	4,240
				1978	Aug.	1978	92.21	1,290
				1979	Aug.	1979	93.01	1,790
				1980	Aug.	1980	94.03	2,520
				1981	Aug.	1981	96.11	4,450
*15227500 Mineral Creek near Valdez								
Lat 61°08'30", long 146°21'42", in SE¼ sec.30, T.8 S., R.6 W., on right bank at bridge, 1.7 mi upstream from mouth and 0.5 mi northwest of Valdez.	44.0	June 1976	Crest-stage gage	1976	June	1976	90.81	5,570
				1977	Aug.	1977	89.51	3,770
				1978		1978	88.29	2,350
				1979		1979	88.46	2,530
				1980		1980	88.59	2,670
				1981	Aug.	1981	89.99	4,400
15236200 Shakespeare Creek at Whittier								
Lat 60°46'35", long 148°43'35", NE¼ sec.22, T.8 N., R.4 E., on upstream right wingwall of concrete bridge 0.5 mi upstream from mouth and 1.8 mi west of the Alaska Railroad terminal building at Whittier.	3.05	Sept. 1969- 1980	Crest-stage gage	1970	Oct. 7, 1969		11.95	500
				1971	Aug.	1971	10.53	280
				1972	Sept.	1972	10.31	250
				1973	June	1973	10.97	360
				1974	June 19, 1974		11.49	435
				1975	Aug.	1975	10.92	360
				1976	Sept.	1976	11.19	390
				1977	Aug.	1977	11.87	485
				1978	Sept. 13, 1978		11.29	400
				1979	Sept. 13, 1979		12.81	620
				1980	June	1980	12.19	530
15237400 Chalmers River near Cordova								
Lat 60°13'10", long 147°13'30", in SE¼ sec.32, T.1 N., R.13 E., on Montague Island 1.2 mi upstream from Port Chalmers, and 58 mi southwest of Cordova.	6.32	Aug. 1967-	Crest-stage gage	1967	Sept.	1967	11.62	1,950
				1968		1968	12.18	2,800
				1969		1969	12.23	2,890
				1970	Oct. 11, 1969		12.31	3,040
				1971	Aug. 1, 1971		11.96	2,440
				1972	Sept. 12, 1972		12.29	3,000
				1973		1973	12.13	2,710
				1974		1974	b	b
				1975	May	1975	12.26	2,950
				1976	Sept.	1976	12.19	2,900
				1977	Nov. 30, 1976		12.48	3,300
				1978	Sept. 13, 1978		11.72	2,070
				1979	Aug. 15, 1979		12.65	3,380
				1980	July 28, 1980		11.48	1,400
15238000 Lost Creek near Seward								
Lat 60°11'50", long 149°22'30", in NW¼ sec.12, T.1 N., R.1 W., on downstream side of bridge pier on right end of bridge, 4.8 mi below Lost Lake, and 6.8 mi north of Seward.	7.96	May 1963- 1972, 1976	Crest-stage gage	1963	July	1963	10.70	250
				1964	June	1964	11.17	310
				1965	Sept. 23, 1965		10.99	240
				1966	Aug. 21, 1966		11.13	300
				1967	Sept.	1967	11.57	530
				1968	June 20, 1968		10.53	224
				1969	June	1969	11.34	400
				1970	Oct. 11, 1969		11.68	619
				1971	Oct. 31, 1971		10.80	350
				1972	Sept. 3, 1972		10.30	370
				1976	Sept. 20, 1976		12.30	920
15238600 Spruce Creek near Seward								
Lat 60°04'10", long 149°27'08", on left bank 0.7 mi upstream from mouth at Resurrection Bay, and 2.4 mi south of Seward.	9.26	Sept. 1967- Sept. 30, 1979	Water-stage record	1966	Aug. 21, 1966		10.10	3,090
				1967	Sept. 26, 1967		7.99	1,810
		Oct. 1, 1979-	Crest-stage gage	1968	Nov. 3, 1967		5.99	632
				1969	June 17, 1969		6.70	1,070
				1970	Oct. 11, 1969		8.63	2,200
				1971	Oct. 31, 1970		5.72	580
				1972	Sept. 3, 1972		7.83	1,680
				1973	Oct. 16, 1972		6.77	1,120
				1974	Sept. 20, 1974		8.10	1,900
				1975	Sept. 10, 1975		7.13	1,160
				1976	Sept. 20, 1976		9.49	2,770
				1977	Aug. 14, 1977		7.68	1,510
				1978	Sept. 13, 1978		7.59	1,490
				1979	Sept. 22, 1979		8.09	1,770
				1980	Aug.	1980	8.45	1,960
				1981	Aug. 7, 1981		8.20	1,800

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			
					Date	Gage height (ft)	Discharge (ft ³ /s)	
SOUTH-CENTRAL--Continued								
15239500 Fritz Creek near Homer								
Lat 59°42'30", long 151°20'35", in SW¼ sec.28, T.5 S., R.12 W., on left bank 200 ft above culvert on East Road, and 9 mi northeast of Homer.	10.4	May 1963-	Crest-stage gage	1963	Aug.	1963	g11.68	107
				1964	Aug.	1964	g11.60	99
				1965	Sept.	1965	g10.67	37
				1966		1966	g11.12	60
				1967	May	1967	g10.40	18
				1968	Oct.	1967	g10.41	19
				1969	June	1969	g10.73	55
				1970	Oct. 6,	1969	g11.63	181
				1971	Nov. 1,	1970	17.02	349
				1972	May	1972	16.26	135
				1973	May 15,	1973	17.50	309
				1974	May	1974	15.64	61
				1975	May	1975	16.46	150
				1976	Sept.	1976	16.44	150
				1977	May 18,	1977	16.80	240
				1978	June 14,	1978	16.42	145
				1979	Apr. 26,	1979	16.27	84
				1980	Nov. 8,	1979	16.96	190
				1981	Oct. 22,	1980	18.53	852
				15239800 Diamond Creek near Homer				
Lat 59°40'10", long 151°40'00", in SE¼ sec.9, T.6 S., R.14 W., on right bank of Sterling Highway, 1.3 mi above Cook Inlet, and 4.6 mi northwest of Homer.	5.35	May 1963-	Crest-stage gage	1963	Aug.	1963	12.08	35
				1964		1964	b	c40
				1965	Sept.	1965	11.49	58
				1966	June	1966	12.00	80
				1967	May	1967	11.80	76
				1968		1968	10.60	37
				1969		1969	10.56	36
				1970	Oct.	1969	11.10	52
				1971	Nov. 1,	1970	12.14	84
				1972	May 9,	1972	f12.20	86
				1973	May 15,	1973	13.73	174
				1974	May	1974	10.91	46
				1975	May	1975	11.33	83
				1976	Sept.	1976	10.87	39
				1977	May 18,	1977	11.53	95
				1978	June 14,	1978	10.67	54
				1979	Apr. 26,	1979	10.83	62
				1980	Nov. 8,	1980	12.39	150
				1981	Oct. 22,	1980	13.96	255
				15239900 Anchor River near Anchor Point				
Lat 59°44'50", long 151°45'11", in NE¼ sec.13, T.5 S., R.15 W., on left bank at downstream side of bridge on Sterling Highway, and 3.3 mi southeast of Anchor Point.	137	June 1964- Sept. 1973	Water-stage recorder	1965	Sept. 19,	1965	4.03	956
				1966	Sept. 19,	1966	4.67	1,280
		Oct. 1, 1973- Sept. 30, 1974	Crest-stage gage	1967	Sept. 7,	1967	4.10	1,010
				1968	May 13,	1968	4.39	1,140
				1969	May 22,	1969	4.14	1,050
				1970	Oct. 14,	1969	4.72	1,370
		Sept. 1, 1978-	Water-stage recorder	1971	June 6,	1971	5.38	1,860
				1972	May 20,	1972	4.56	1,260
				1973	May 15,	1973	5.91	2,240
				1974	June	1974	4.26	1,000
				1979	May 2,	1979	4.56	1,190
				1980	Nov. 8,	1979	5.89	2,220
				1981	Oct. 23,	1980	8.45	4,680
15240500 Cook Inlet Tributary near Ninilchik								
Lat 59°58'45", long 151°43'20", in NE¼ sec.29, T.2 S., R.14 W., Kenai Peninsula Borough, on left upstream culvert wingwall on Sterling High- way 0.2 mi upstream from mouth at Cook Inlet, and 5.4 mi southwest of Ninilchik.	5.19	June 1966-	Crest-stage gage	1966	May	1966	12.54	73
				1967		1967	11.47	25
				1968	June	1968	11.94	49
				1969	June	1969	11.72	40
				1970		1970	12.00	51
				1971	Nov.	1970	12.34	65
				1972	Sept.	1972	12.40	43
				1973	May	1973	12.45	49
				1974	Apr. 26,	1974	12.98	67
				1975	May 12,	1975	12.50	30
				1976	May 13,	1976	13.86	140
				1977	May 18,	1977	13.00	70
				1978	Apr.	1978	b	75
				1979	Apr. 26,	1979	12.50	36
				1980	Nov. 8,	1980	13.22	85
				1981	May	1981	12.23	32

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
SOUTH-CENTRAL --Continued							
15243950 Porcupine Creek near Primrose							
Lat 60°20'30", long 149°22'15", in NE¼ sec.24, T.3 N., R.1 W., Kenai Peninsula Borough, on right bank at 18-mi campground road 0.2 mi upstream from mouth at Kenai Lake and 0.8 mi west of Primrose.	16.8	May 1963-	Crest-stage gage	1963	1963	10.48	298
				1964	July 1964	10.95	560
				1965	Sept. 1965	11.41	760
				1966	Aug. 21, 1966	12.21	1,200
				1967	Sept. 1967	12.05	1,100
				1968	June 1968	10.58	350
				1969	June 1969	11.22	660
				1970	Oct. 13, 1969	12.58	1,400
				1971	Oct. 31, 1971	10.90	640
				1972	Sept. 3, 1972	11.65	970
				1973	Oct. 16, 1972	10.98	680
				1974	Sept. 20, 1974	g13.14	859
				1975	Sept. 9, 1975	10.59	530
				1976	Sept. 20, 1976	12.39	1,750
				1977	Aug. 3, 1977	11.15	750
				1978	Sept. 13, 1978	10.80	600
				1979	Aug. 1979	11.01	700
				1980	July 1980	11.98	680
				1981	Aug. 25, 1981	11.23	790
15250000 Falls Creek near Lawing							
Lat 60°25'50", long 149°22'10", at mi 25 on Seward Highway, 0.1 mi above Trail River, and 2 mi north of Lawing.	11.8	June 1963- Nov. 1970, 1976	Crest-stage gage	1963	July 12, 1963	12.20	110
				1964	July 1964	11.72	130
				1965	July 1965	11.64	120
				1966	Sept. 15, 1966	13.86	693
				1967	Sept. 1967	13.11	450
				1968	June 1968	12.16	210
				1969	June 1969	12.56	300
				1970	Oct. 6, 1969	13.22	491
				1976	Sept. 20, 1976	--	510
15251800 Quartz Creek at Gilpatricks							
Lat 60°35'45", long 149°32'35", on right bank at mi 42 on Seward Highway, and 0.4 mi south of Gilpatricks.	9.41	June 1963- Nov. 1970, 1976	Crest-stage gage	1963	Sept. 1963	a10.60	112
				1964	June 1964	a10.60	112
				1965	July 1965	a10.55	110
				1966	Sept. 1966	a10.82	165
				1967	Sept. 1967	10.89	350
				1968	June 1968	9.62	88
				1969	June 1969	9.79	175
				1970	Oct. 6, 1969	11.54	633
				1976	Sept. 20, 1976	--	600
15254000 Crescent Creek near Cooper Landing							
Lat 60°29'49", long 149°40'38", in NW¼ sec.29, T.5 N., R.3 W., Kenai Peninsula Borough, on left bank at bridge on Sterling Highway, 4.2 mi downstream from Crescent Lake, and 4.4 mi east of Cooper Landing.	31.7	July 1949- Oct. 1966	Water-stage recorder	1949	Sept. 26, 1949	11.61	220
				1950	Sept. 22, 1950	11.88	322
		Oct. 1966-	Crest-stage gage	1951	Jun 6, 1951	11.48	177
				1952	June 27, 1952	11.63	213
				1953	June 28, 1953	12.55	820
				1954	June 9, 1954	11.10	184
				1955	July 4, 1955	11.97	380
				1956	July 4, 1956	11.62	220
				1957	June 7, 1957	11.90	342
				1958	June 7, 1958	11.55	300
				1959	June 10, 1959	11.36	216
				1960	May 25, 1960	11.71	395
				1961	May 15, 1961	11.60	315
				1962	June 21, 1962	11.56	280
				1963	July 17, 1963	11.25	230
				1964	June 14, 1964	--	470
				1965	July 13, 1965	11.25	292
				1966	Aug. 21, 1966	11.65	500
				1967	Sept. 1967	12.30	720
				1968	Sept. 1968	11.18	190
				1969	May 27, 1969	11.32	300
				1970	Oct. 9, 1969	12.73	1,500
				1971	June 1971	11.55	560
				1972	July 5, 1972	10.46	160
				1973	June 19, 1973	10.64	300
				1974	June 1974	10.72	210
				1975	July 1975	11.09	330
				1976	Sept. 23, 1976	11.51	530
				1977	June 1977	12.28	490
				1978	Sept. 13, 1978	11.46	235
				1979	1979	b	140
				1980	June 1980	12.33	740
				1981	Oct. 25, 1980	12.02	540

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data						
					Date	Gage height (ft)	Discharge (ft ³ /s)				
SOUTH-CENTRAL --Continued											
15266500 Beaver Creek near Kenai											
Lat 60°33'50", long 151°07'03", in SE¼ sec.36, T.6 N., R.11 W., on right bank 75 ft downstream from culvert on Kenai-Soldotna Road, 2.0 mi upstream from mouth, and 4.5 mi east of Kenai.	51 approx.	Oct. 1, 1967- Sept. 30, 1975	Water-stage recorder at site 140 ft upstream at different datum.	1968	May 3, 1968	b	70				
				1969	Oct. 8, 1968	g5.22	38				
		Oct. 1, 1975- Sept. 30, 1978	Water-stage recorder	1970	May 16, 1970	g5.68	54				
				1971	May 4, 1971	g8.36	226				
		1980-	Crest-stage gage	1972	May 8, 1972	g10.55	598				
				1973	Oct. 18, 1972	g7.21	128				
				1974	Apr. 24, 1974	g7.25	130				
				1975	May 10, 1975	g8.75	278				
				1976	Apr. 29, 1976	1.98	131				
				1977	Apr. 26, 1977	3.06	236				
				1978	Apr. 21, 1978	1.73	110				
				1980	Apr. 10, 1980	2.48	216				
				1981	Apr. 1981	2.20	150				
				15269500 Granite Creek near Portage							
				Lat 60°43'40", long 149°17'00", in NE¼ sec.4 T.7 N., R.1 E., Kenai Peninsula Borough, on upstream side of center pier of bridge on Sterling Highway and 12 mi southwest of Portage.	28.2	June 1967-	Crest-stage gage	1967	Sept. 1967	12.26	1,940
								1968	May 1968	10.30	730
								1969	June 1969	10.95	1,150
1970	Oct. 6, 1969	12.46	2,040								
1971	June 1971	10.64	960								
1972	June 1972	9.65	350								
1973	Sept. 1973	10.40	811								
1974	June 1974	10.13	640								
1975	May 1975	10.16	640								
1976	Sept. 23, 1976	11.33	1,550								
1977	Nov. 29, 1976	11.17	1,280								
1978	Sept. 13, 1978	11.65	1,570								
1979	Oct. 11, 1978	10.38	800								
1980	Oct. 1, 1979	11.04	1,200								
1981	June 1, 1981	10.32	830								
15270100 Fresno Creek at Shield											
Lat 60°40'15", long 149°28'35", on right bank of mi 48 on Seward Highway, and 0.6 mi south of Shield.	6.03	June 1963- Nov. 1970	Crest-stage gage					1963	July 1963	10.30	78
				1964	June 1964	10.35	84				
				1965	June 1965	9.90	42				
				1966	June 1966	10.32	80				
				1967	June 1967	10.06	72				
				1968	June 1968	10.14	82				
				1969	June 1969	10.58	135				
				1970	Oct. 6, 1969	10.36	85				
				15270400 Donaldson Creek near Wibel							
				Lat 60°45'40", long 149°27'20", on left bank at mi 54.5 on Seward Highway, and 1.5 mi north of Wibel.	4.07	June 1963- 1972	Crest-stage gage	1963	July 1963	10.38	e60
1964	July 1964	10.38	e60								
1965	July 24, 1965	10.05	22								
1966	June 1966	10.15	42								
1967	June 1967	10.46	e170								
1968	June 1968	10.24	e60								
1969	June 1969	10.27	e70								
1970	Oct. 13, 1969	10.27	e70								
1971	Aug. 1971	10.43	e130								
1972	May 1972	10.33	e90								
15271900 Cub Creek near Hope											
Lat 60°52'12", long 149°26'02", in NW¼ sec.15, T.9 N., R.1 W., Kenai Peninsula Borough, on right wingwall of culvert on Hope Highway 0.1 mi upstream from mouth at Sixmile Creek and 7.7 mi southeast of Hope.	1.80	Aug. 1965-	Crest-stage gage	1965	1965	11.37	16				
				1966	1966	11.50	21				
				1967	Sept. 1967	12.09	54				
				1968	May 27, 1968	11.26	9.1				
				1969	June 1969	11.60	25				
				1970	Oct. 6, 1969	11.82	37				
				1971	Aug. 1971	11.82	37				
				1972	Aug. 1972	11.60	27				
				1973	1973	11.63	28				
				1974	June 1974	11.63	28				
				1975	Oct. 6, 1974	11.57	23				
				1976	Sept. 22, 1976	11.82	37				
				1977	July 14, 1977	11.62	29				
				1978	Sept. 13, 1978	12.06	53				
				1979	June 1979	11.64	29				
				1980	1980	b	b				
				1981	1981	b	b				
15272500 Turnagain Arm Tributary near Girdwood											
Lat 60°55'27", long 149°07'40", SE¼ sec.29, T.10 N., R.2 E., on left bank 5 ft upstream from culvert on Alaska Railroad, and 1.9 mi southeast of Girdwood.	0.44	Aug. 1965- Oct. 1968	Crest-stage gage	1966	Sept. 1966	12.01	19				
				1967	Sept. 18, 1967	13.14	69				

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
SOUTH-CENTRAL--Continued							
15272530 California Creek near Girdwood							
Lat 60°57'53", long 149°08'02", in NW¼ sec.17, T.10 N., R.2 E., Municipality of Anchorage at culverts on Alyeska Highway, 0.2 mi west of Girdwood Post Office, and 2.0 mi northeast of Seward Highway.	6.96	Sept. 1967-	Crest-stage gage	1967	Sept. 18, 1967	20.83	593
				1968	July 2, 1968	b	e72
				1969	June 16, 1969	14.91	125
				1970	Oct. 6, 1969	20.20	600
				1971	Aug. 8, 1971	17.30	350
				1972	May 1972	15.60	200
				1973	May 1973	16.07	240
				1974	June 1974	14.14	78
				1975	July 1975	15.42	175
				1976	Sept. 21, 1976	19.40	500
				1977	Nov. 29, 1976	16.26	200
				1978	Sept. 13, 1978	16.70	300
				1979	Aug. 17, 1979	15.18	160
				1980	July 12, 1980	16.38	270
				1981	July 16, 1981	15.97	230
15272800 Rainbow Creek near Anchorage							
Lat 61°00'03", long 149°38'57", in NW¼ sec.33, T.11 N., R.2 W., on right bank on Seward Highway, and 19.4 mi southeast of Anchorage.	4.18	Aug. 1965- Sept. 1967	Crest-stage gage	1965	Aug. 1965	11.51	41
				1966	Sept. 1966	11.88	80
				1967	Sept. 1967	12.13	130
15277200 Meadow Creek at Eagle River							
Lat 61°19'14", long 149°32'11", in NW¼ sec.7, T.14 N., R.1 W., on left bank of Eagle Loop road, and 1 mi east of Eagle River.	7.43	Aug. 1965- 1974	Crest-stage gage	1965	Sept. 1965	9.08	c22
				1966	Sept. 1966	b	c30
				1967	July 1967	b	c30
				1968	May 1968	9.60	c20
				1969	July 1969	b	c20
				1970	Aug. 7, 1970	9.20	16
				1971	Aug. 9, 1971	12.66	184
				1972	June 1972	10.16	36
				1973	Aug. 21, 1973	9.50	21
				1974	May 1974	8.18	3.0
15281500 Camp Creek near Sheep Mountain Lodge							
Lat 61°50'20", long 147°24'31", on left bank on Glenn Highway, and 3.5 mi northeast of Sheep Mountain Lodge.	1.09	Aug. 1965- Aug. 1971	Crest-stage gage	1968	1968	10.28	26
				1969	1969	10.19	19
				1970	1970	b	b
				1971	Aug. 10, 1971	10.54	c30
15282200 Hicks Creek near Sutton							
Lat 61°47'35", long 147°56'00", on left bank at mi 96.4 Glenn Highway, and 0.2 mi upstream from Matanuska River, and 31.9 mi north-east of Sutton.	47.7	June 1963- June 1965	Crest-stage gage	1964	June 1964	13.30	c1,200
15282300 Pinochle Creek near Sutton							
Lat 61°47'37", long 147°55'46", on left bank at mi 96.7 Glenn Highway, and 35.8 mi east of Sutton.	7.99	Aug. 1965- Aug. 1971	Crest-stage gage	1966	May 27, 1966	7.98	5.8
				1967	May 8, 1967	8.50	8.7
				1968	May 26, 1968	8.79	17
				1969	July or Aug. 1969	8.80	17
				1970	1970	b	b
				1971	Aug. 1971	8.90	20
15282400 Puritan Creek near Sutton							
Lat 61°48'42", long 148°08'01", in NW¼ sec.23, T.20 N., R.7 E., Matanuska-Susitna Borough, on right bank below bridge at mi 89.3 Glenn Highway and 25.2 mi northeast of Sutton.	8.51	June 1963-	Crest-stage gage	1963	1963	10.03	11
				1964	July 1964	10.60	35
				1965	Aug. 1965	10.27	13
				1966	1966	b	c12
				1967	1967	b	b
				1968	May 20, 1968	10.22	19
				1969	June 1969	10.05	6.0
				1970	May 12, 1970	b	17
				1971	Aug. 10, 1971	10.71	41
				1972	May 9, 1972	f11.82	85
				1973	June 16, 1973	7.58	45
				1974	May 1974	7.60	46
				1975	June 1975	7.58	49
				1976	June 1976	7.42	28
				1977	June 11, 1977	7.74	69
				1978	June 20, 1978	7.44	33
				1979	Aug. 17, 1979	7.60	100
				1980	May 20, 1980	7.35	60
				1981	June 1981	7.45	75

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data				
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)	
SOUTH-CENTRAL --Continued								
15283500 Eska Creek near Sutton								
Lat 61°43'44", long 148°54'31", in NE¼ sec.21, T.19 N., R.3 E., Matanuska-Susitna Borough, on right bank 100 ft below culverts on Eska-Jonesville Road and 1.5 mi northeast of Sutton.	13.4	Aug. 1965- Sept. 1969 Aug. 1971-	Crest-stage gage	1966		1966	a10.46	86
				1967		1967	a10.76	b
				1971	Aug. 10, 1971	a26.82	1,680	
				1972	Sept. 29, 1972	a21.37	180	
				1973	June 1973	a21.21	140	
				1974	June 1974	a20.98	80	
				1975	Sept. 11, 1975	10.77	117	
				1976	July 17, 1976	10.65	100	
				1977	June 14, 1977	11.21	158	
				1978	June 20, 1978	10.94	84	
				1979	July 15, 1979	11.72	205	
				1980	Sept. 15, 1980	7.70	500	
				1981	July 10, 1981	6.98	240	
15285000 Wasilla Creek near Palmer								
Lat 61°38'47", long 149°11'45", in SW¼ sec.13, T.18 N., R.1 E., Matanuska-Susitna Borough, on left bank 60 ft upstream from culvert entrance on Wasilla Fishhook Road and 4.1 mi north-east of Palmer.	16.8	1971, 1976-	Crest-stage gage	1971	Aug. 10, 1971	16.60	700	
				1976	May 1976	b	50	
				1977	June 14, 1977	b	93	
				1978	May 15, 1978	b	59	
				1979	May 1979	10.69	190	
				1980	Sept. 15, 1980	12.60	350	
				1981	Aug. 15, 1981	10.16	154	
15289800 Fishhook Creek near Palmer								
Lat 61°45'05", long 149°13'40", on left bank, on Fishhook Road, and 12 mi north of Palmer.	8.52	June 1963-	Crest-stage gage	1963	Aug. 23, 1963	12.97	960	
				1964	June 1964	12.32	500	
				1965	June 1965	11.42	380	
15291100 Raft Creek near Denali								
Lat 63°03'04", long 147°16'22", in SE¼ sec.36, T.21 S., R.2 E., on right bank at mi 69.2 Denali Highway, and 10.7 mi southeast of Denali.	4.33	June 1963-	Crest-stage gage	1963	July 1963	11.60	128	
				1964	June 1964	11.72	133	
				1965	June 1965	11.58	128	
				1966	June 1966	11.25	119	
				1967	July 1967	10.98	130	
				1968	June 1968	10.57	66	
				1969	June 1969	10.64	73	
				1970	Aug. 1970	10.87	98	
				1971	Aug. 1971	11.69	132	
				1972	June 1972	11.37	123	
				1973	June 1973	b	51	
				1974	Aug. 1974	10.60	69	
				1975	Sept. 11, 1975	11.14	115	
				1976	June 4, 1976	11.49	125	
				1977	June 1977	11.64	130	
				1978	May 15, 1978	f13.64	b	
				1979	Sept. 1979	10.39	63	
				1980	July 28, 1980	10.90	102	
				1981	July 10, 1981	11.16	92	
*15292392 Byers Creek near Talkeetna								
Lat 62°42'33", long 150°11'30", in SE¼ sec.4, T.30 N., R.5 W., on left upstream bank at bridge, 0.5 mi upstream from mouth, and 28 mi north of Talkeetna.	50.2	May 1972-	Crest-stage gage	1972	Aug. 1972	79.44	1,325	
				1973	May 31, 1973	78.21	223	
				1974	June 4, 1974	76.98	149	
				1975	Sept. 24, 1975	b	319	
				1976	June 9, 1976	77.07	206	
				1977	June 1977	78.13	620	
				1978	May 1978	77.76	507	
				1979	May 1979	78.55	940	
				1980	June 1980	78.25	762	
				1981	Aug. 1981	78.80	1,102	
				*15292397 Troublesome Creek near Talkeetna				
Lat 62°37'37", long 150°13'26", in SE¼ sec.4, T.29 N., R.5 W., on downstream left bank at highway bridge at mi 137.5 on Parks Highway, 0.5 mi upstream from mouth, and 22 mi north of Talkeetna.	38.8	1978-81	Crest-stage gage	1978	May 1978	86.08	796	
				1979	May 1979	86.98	1,310	
				1980	1980	86.73	1,160	
				1981	July 1981	87.43	1,610	
15292800 Montana Creek near Montana								
Lat 62°06'32", long 150°03'12", in SW¼ sec.5, T.23 N., R.4 W., on right bank on Parks Highway, and 2.1 mi north of Montana.	164	June 1963- 1972	Crest-stage gage	1963	May 1963	11.78	3,700	
				1964	June 1964	11.68	3,600	
				1965	Sept. 1965	11.56	3,300	
				1966	1966	10.85	2,200	
				1967	July 1967	12.23	4,600	
				1968	May 1968	11.63	3,500	
				1969	July 25, 1969	9.77	820	
				1970	Sept. 1970	11.21	2,600	
				1971	Aug. 10, 1971	12.96	6,970	
				1972	May 31, 1972	11.25	2,600	

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
SOUTH-CENTRAL--Continued							
15292900 Goose Creek near Montana							
Lat 62°03'42", long 150°03'20", in NW¼ sec.29, T.23 N., R.4 W., on Parks Highway, and 1.5 mi south of Montana.	14.5	June 1963- Sept. 1971	Crest-stage gage	1963	July 16, 1963	11.38	385
				1964	June 1964	11.94	530
				1965	Sept. 1965	b	c350
				1966	Aug. 1966	b	c230
				1967	July 1967	11.82	495
				1968	May 1968	11.86	500
				1969	July 25, 1969	10.38	80
				1970	Sept. 1970	10.43	150
				1971	Aug. 10, 1971	19.69	i3,270
15293000 Caswell Creek near Caswell							
Lat 61°56'55", long 150°03'14", in SW¼ sec.32, T.22 N., R.4 W., on Parks Highway, and 2.3 mi south of Caswell.	19.6	June 1963-	Crest-stage gage	1963	July 1963	10.96	85
				1964	June 1964	11.37	107
				1965	Sept. 1965	12.89	207
				1966	May 1966	11.59	120
				1967	July 1967	11.32	103
				1968	May 1968	11.57	120
				1969	1969	b	c42
				1970	Sept. 1970	10.15	34
				1971	Aug. 10, 1971	11.74	135
				1972	May 23, 1972	11.70	132
				1973	May 1973	11.82	140
				1974	Apr. 30, 1974	b	46
				1975	May 19, 1975	12.34	155
				1976	Apr. 1976	10.65	53
				1977	May 1977	11.24	93
				1978	May 12, 1978	11.32	65
				1979	May 9, 1979	12.34	150
				1980	Sept. 15, 1980	11.39	145
				1981	Aug. 16, 1981	10.65	96
15294025 Moose Creek near Talkeetna							
Lat 62°19'00", long 150°26'30", in NE¼ sec.30, T.26 N., R.7 W., Matanuska-Susitna Borough, at bridge on Petersville Road and 10.5 mi west of Talkeetna.	52.3	June 1972-	Crest-stage gage	1972	Aug. 22, 1972	7.79	1,850
				1973	June 1973	7.38	1,400
				1974	May 1974	7.00	700
				1975	May 1975	8.75	1,100
				1976	May 12, 1976	12.20	813
				1977	Sept. 29, 1977	10.28	970
				1978	May 5, 1978	b	<1,000
				1979	June 29, 1979	10.39	1,000
				1980	Oct. 8, 1979	10.98	1,170
				1981	July 10, 1981	--	2,500
15297200 Myrtle Creek near Kodiak							
Lat 57°36'16", long 152°24'09", in SW¼ sec.6 T.30 S., R.19 W., on Kodiak Island, on right bank, 0.2 mi upstream from mouth, and 13 mi south of Kodiak.	4.74	May 1963-	Water-stage recorder	1963	Aug. 30, 1963	4.94	797
				1964	Dec. 9, 1963	3.89	442
					Mar. 28, 1964	j8.40	--
				1965	June 5, 1965	4.21	553
				1966	Aug. 21, 1966	3.63	620
				1967	Oct. 12, 1966	3.71	648
				1968	Aug. 13, 1968	4.44	908
				1969	Sept. 14, 1969	5.02	1,110
				1970	July 11, 1980	4.03	741
				1971	Aug. 29, 1971	4.19	694
				1972	Aug. 22, 1972	4.28	808
				1973	Sept. 13, 1973	4.32	832
				1974	Sept. 19, 1974	4.09	705
				1975	May 25, 1975	3.65	500
				1976	Aug. 6 and Sept. 1	4.03	675
				1977	Jan. 3, 1977	6.93	1,350
				1978	Oct. 9, 1977	5.75	822
				1979	Oct. 16, 1978	6.60	1,180
				1980	Feb. 9, 1980	5.77	818
				1981	Jan. 29, 1981	5.70	790
15297300 Kalsin Bay Tributary near Kodiak							
Lat 57°35'25", long 152°25'55", on right bank on Camp Chiniak road, and 13.5 mi south of Kodiak.	2.35	May 1963- Sept. 1969	Crest-stage gage	1963	Aug. 30, 1963	13.16	245
				1964	Dec. 9, 1963	12.98	225
					Mar. 28, 1964	j15.00	--
				1965	June 5, 1965	12.63	190
				1966	Aug. 21, 1966	b	c140
				1967	Oct. 12, 1966	11.95	130
				1968	Aug. 13, 1968	12.40	190
				1969	Sept. 14, 1969	13.20	250

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data						
					Date	Gage height (ft)	Discharge (ft ³ /s)				
SOUTH-CENTRAL--Continued											
15297400 Black Canyon Creek near Kodiak											
Lat 57°37'50", long 152°26'05", on right bank on Cape Chiniak road, and 11 mi south of Kodiak.	2.20	May 1963- June 1971	Crest-stage gage	1963	Aug. 30, 1963	11.58	b				
				1964	1964	11.62	b				
				1965	Mar. 28, 1964	j12.50	--				
				1966	June 5, 1965	11.00	b				
				1966	Aug. 21, 1966	10.88	b				
				1967	Aug. 7, 1967	10.91	b				
				1968	July 28, 1968	11.70	b				
				1969	1969	12.77	b				
				1970	Oct. 1970	11.02	b				
15297475 Red Cloud Creek Tributary near Kodiak											
Lat 57°49'00", long 152°37'20", in SW¼ sec.24, T.27 S., R.21 W., Kodiak Island Borough, 0.1 mi upstream from mouth and 8.4 mi northwest of Kodiak.	1.51	May 1963-	Crest-stage gage	1963	Aug. 30, 1963	12.30	570				
				1964	Dec. 9, 1963	12.20	520				
				1965	June 5, 1965	11.83	350				
				1966	Oct. 2, 1965	12.21	525				
				1967	June 17, 1967	11.95	400				
				1968	Aug. 13, 1958	11.59	260				
				1969	June 8, 1969	12.52	690				
				1970	Sept. 11, 1970	11.66	280				
				1971	Aug. 29, 1971	12.33	590				
				1972	June 10, 1972	11.71	300				
				1973	1973	12.02	440				
				1974	Sept. 19, 1974	g13.67	b				
				1975	June 9, 1975	g12.37	b				
				1976	Aug. 25, 1976	g13.40	530				
				1977	Aug. 12, 1977	12.83	410				
				1978	Sept. 13, 1978	13.06	509				
				1979	Sept. 12, 1979	12.74	370				
				1980	June 1980	12.72	360				
				1981	Sept. 14, 1981	13.80	b				
				SOUTHWEST							
15297900 Eskimo Creek at King Salmon											
Lat 58°41'08", long 156°40'08", in SW¼ sec.23, T.17 S., R.45 W., on right bank 30 ft upstream from culvert on King Salmon - Naknek road 0.3 mi upstream from mouth and 0.3 mi northwest of King Salmon.	16.1	Sept. 1964- Oct. 17, 1973 Oct. 18, 1973-	Crest-stage gage on right bank at datum 2.69 ft lower Water-stage recorder	1965	1965	a8.50	c15				
				1966	1966	a8.80	c28				
				1967	June 1967	a11.20	227				
				1968	1968	b	b				
				1969	May 1969	a10.66	150				
				1970	Aug. 21, 1970	a8.89	c30				
				1971	June 1971	a10.70	160				
				1972	June 1972	a11.14	220				
				1973	May 1973	a11.16	225				
				1974	Mar. 24, 1974	--	90				
				1975	May 8, 1975	9.48	184				
				1976	Apr. 21, 1976	--	55				
				1977	1977	b	b				
				1978	Oct. 11, 1977	7.88	98				
				1979	Dec. 7, 1978	7.65	87				
				1980	Nov. 8, 1979	6.88	53				
				1981	Mar. 14, 1981	7.34	68				
				15300100 Bear Creek near Iliamna							
				Lat 59°49'28", long 154°52'56", on right bank on Iliamna-Nondalton road, 0.3 mi upstream from mouth, and 5 mi north of post office at Iliamna.	2.59	Sept. 1964- June 1969	Crest-stage gage	1965	May 1965	10.90	c58
1966	1966	b	b								
1967	1967	b	b								
1968	1968	10.79	c56								
15300200 Roadhouse Creek near Iliamna											
Lat 59°45'26", long 154°50'49", in SW¼ sec.11, T.5 W., R.32 W., 100 ft below culverts on Iliamna Road and 2.1 mi east of Iliamna air- port.	20.8	1973-76	Crest-stage gage at bridge	1973	1973	a12.55	96				
				1974	1974	a12.89	75				
				1975	July 13, 1975	a12.91	152				
				1976	June 1976	a12.38	77				
				1977	June 1977	a12.40	c50				
				1978	Aug. 20, 1978	10.85	70				
		1978	Crest-stage gage	1977	June 1977	a12.40	c50				
				1978	Aug. 20, 1978	10.85	70				
				1979	May 1979	13.02	50				
				1980	Aug. 1980	12.38	280				
				1981	June 1981	12.14	240				
				15302900 Moody Creek at Aleknagik							
Lat 59°16'34", long 158°35'42", in SE¼ sec.30, T.10 S., R.55 W., on left bank, 12 ft upstream from culvert entrance, and 500 ft upstream from Wood River at the Aleknagik Mission.	1.28	June 1968-	Crest-stage gage	1969	June 18, 1969	18.19	22				
				1970	May 15, 1970	18.20	22				
				1971	June 7, 1971	19.60	55				
				1972	June 1972	18.53	30				
				1973	May 1973	19.01	41				
				1974	1974	b	b				
				1975	June 1975	18.10	22				
				1976	June 1976	17.91	16				
				1977	June 1977	18.81	36				
				1978	Oct. 10, 1977	18.35	26				
				1979	May 1979	18.43	27				
				1980	June 13, 1980	18.22	23				
				1981	May 21, 1981	18.23	23				

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
SOUTHWEST --Continued							
15303010 Silver Salmon Creek near Aleknagik							
Lat 59°13'34", long 158°40'21", in NW¼ sec.14 T.11 S., R.56 W., on right bank 4.5 mi upstream from Wood River, and 4 mi southwest of Aleknagik.	4.46	Sept. 1964-	Crest-stage gage	1965	June 2, 1965	10.97	150
				1966	June 14, 1966	8.56	60
				1967	June 12, 1967	11.85	340
				1968	1968	b	b
				1969	June 18, 1969	8.72	55
				1970	May 15, 1970	9.40	90
				1971	June 1971	10.30	170
				1972	June 1972	9.86	132
				1973	1973	9.69	117
				1974	June 1974	9.28	84
				1975	June 1, 1975	9.59	108
				1976	Sept. 1976	8.39	28
				1977	June 12, 1977	10.19	164
				1978	Oct. 10, 1977	9.71	118
				1979	May 12, 1979	9.01	75
				1980	May 1980	9.70	120
				1981	May 21, 1981	9.39	90
YUKON							
15305900 Dennison Fork near Tetlin Junction							
Lat 63°25'24", long 142°29'00", in SW¼ sec.14, T.19 N., R.15 E., on right bank, 10 ft upstream from culvert at mi 10.7 on the Taylor Highway, and 8.3 mi northeast of Tetlin Junction.	2.93	Aug. 1963-	Crest-stage gage	1964	July 1964	16.29	128
				1965	July 1965	13.89	78
				1966	June 1966	10.64	8.6
				1967	May 21, 1967	10.80	9.7
				1968	June 27, 1968	12.43	41
				1969	1969	b	b
				1970	July 7, 1970	11.66	26
				1971	May 1971	11.39	20
				1972	May 9, 1972	11.02	14
				1973	July 13, 1973	11.53	23
				1974	June 1974	11.81	28
				1975	June 3, 1975	12.25	38
				1976	Aug. 1976	10.94	16
				1977	May 1977	11.11	18
				1978	July 1978	11.22	20
				1979	May 1979	11.73	31
				1980	May 1980	11.36	24
				1981	July 2, 1981	11.90	34
15305920 West Fork Tributary near Tetlin Junction							
Lat 63°40'03", long 142°16'00", in SW¼ sec.23, T.22 N., R.16 E., on left bank 7 ft upstream from culvert at mi 32 on Taylor Highway, and 26.5 mi northeast of Tetlin Junction.	1.02	Oct. 1966-	Crest-stage gage	1967	June 1967	10.31	15
				1968	June 1968	11.54	41
				1969	June 1969	11.10	31
				1970	July 1970	10.88	26
				1971	June 1971	9.89	8.0
				1972	May 1972	11.50	40
				1973	July 13, 1973	14.02	102
				1974	May 1974	10.13	12
				1975	June 1975	10.67	23
				1976	Aug. 1976	11.12	33
				1977	June 20, 1977	10.86	27
				1978	July 1978	11.88	51
				1979	July 22, 1979	11.00	30
				1980	Sept. 24, 1980	10.52	20
				1981	July 2, 1981	11.62	44
				15305950 Taylor Creek near Chicken			
Lat 63°54'27", long 142°12'56", in NW¼ sec.35, T.25 N., R.16 E., on right bank 29 ft upstream from bridge at mi 50.3 on Taylor Highway, and 14.5 mi southwest of Chicken.	38.4	Oct. 1966-	Crest-stage gage	1967	May 1967	11.13	86
				1968	June 27, 1968	12.67	175
				1969	July 26, 1969	10.13	43
				1970	July 1970	10.18	46
				1971	June 1971	10.56	60
				1972	July 28, 1972	12.06	145
				1973	July 13, 1973	15.25	600
				1974	June 1974	10.41	55
				1975	July 1975	11.80	125
				1976	July 9, 1976	11.35	97
				1977	June 20, 1977	12.07	147
				1978	June 1978	11.23	92
				1979	Sept. 3, 1979	13.55	310
				1980	Sept. 24, 1980	10.16	43
				1981	May 28, 1981	12.61	177

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data				
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)	
YUKON--Continued								
15341900 North Fork King Solomon Creek near Eagle								
Lat 64°32'12", long 141°15'00", in SE¼ sec.26, T.4 S., R.33 E., on left bank at mi 135.8 on Taylor Highway, 0.1 mi above King Solomon Creek, and 18 mi south of Eagle.	18.5	Aug. 1963- Sept. 1969, 1975-80	Crest-stage gage	1963	Sept.	1963	a10.38	18
				1964	July	1964	a14.82	b
				1965		1965	b	b
				1966		1966	b	b
				1967		1967	b	b
				1968	June	1968	a12.21	b
				1969		1969	a8.95	b
				1975	July	1975	19.88	b
				1976	July	1976	20.86	b
				1977	July	1977	23.12	b
				1978	June 23,	1978	20.40	160
				1979	June	1979	20.44	180
				1980	May 22,	1980	20.63	250
15344000 King Creek near Dome Creek								
Lat 64°23'38", long 141°24'43", in SW¼ sec.16, T.6 S., R.32 E., on left bank at mi 120 Taylor High- way, 1,000 ft upstream from cul- vert at mile 119.8, 0.4 mi up- stream from mouth, 4.9 mi east of Dome Creek, 29 mi south of Eagle.	5.99	Aug. 9, 1975-	Crest-stage gage	1975	July	1975	a6.41	39
				1976	May 1,	1976	a6.76	54
				1977	July	1977	ga9.84	124
				1978	June	1978	a6.39	38
				1979	May	1979	13.40	159
				1980	June	1980	12.12	54
				1981	July 19,	1981	12.23	60
15365000 Discovery Fork American Creek near Eagle								
Lat 64°39'40", long 141°18'00", in NW¼ sec.15, T.3 S., R.32 E., on left bank 24 ft upstream from bridge at mi 149.1 on Taylor High- way, and 9.3 mi south of Eagle.	5.53	Aug. 1963- 1973	Crest-stage gage	1963	Sept.	1963	10.10	3.2
				1964	July	1964	19.70	b
				1965	Aug. 28,	1965	11.00	5.5
				1966		1966	11.18	8.0
				1967		1967	b	c2.3
				1968		1968	b	c6.0
				1969	Sept. 5,	1969	11.70	19
				1970	Aug. 28,	1970	10.87	c4.0
				1971	June	1971	11.56	15
				1972	Aug. 7,	1972	11.29	52
				1973	July 13,	1973	11.09	8.0
15367500 Bluff Creek near Eagle								
Lat 64°45'08", long 141°13'41", in SW¼ sec.12, T.2 S., R.32 E., on right bank 20 ft upstream from culvert at mi 157.4 on Taylor Highway and 2.5 mi south of Eagle.	3.38	Aug. 1963- Oct. 1972	Crest-stage gage	1963	Sept.	1963	10.05	c4.0
				1964		1964	11.35	c33
				1965		1965	b	ec3.8
				1966		1966	b	ec1.6
				1967		1967	b	ec2.8
				1968		1968	9.35	c4.0
				1969	Sept. 5,	1969	9.25	e4.6
				1970	June	1970	11.68	c41
				1971	Aug.	1971	9.32	ec5.1
				1972	July	1972	10.39	c14
15393900 North Fork Twelvemile Creek near Miller House								
Lat 65°24'03", long 145°44'18", on right bank at mi 93.5 on Steese Highway, and 17.5 mi southwest of of Miller House.	23.2	Aug. 1963- Sept. 1969	Crest-stage gage	1964	July	1964	a22.90	b
				1965		1965	12.89	b
				1966		1966	11.16	110
				1967	Aug. 13,	1967	14.40	1,710
				1968		1968	b	b
				1969	Aug.	1969	8.99	b
15438500 Bedrock Creek near Central								
Lat 65°33'28", long 145°05'26", in SW¼ sec.32, T.9 N., R.13 E., on right bank 400 ft downstream from culverts at mi 119 on Steese High- way, 0.3 mi upstream from Crooked Creek, and 8 mi west of Central.	9.94	Aug. 1964- July 1971	Crest-stage gage	1964	July	1964	a15.44	276
				1965		1965	b	e38
		July 1971-74	Crest-gage stage	1966	June 18,	1966	a10.98	126
				1967	Aug. 13,	1967	a15.73	405
				1968		1968	b	e89
				1969		1969	b	e17
				1970	June 30,	1970	a13.59	186
				1971	June 7,	1971	a11.63	106
				1972	June 7,	1972	7.50	66
				1973	June 3,	1973	7.46	185
				1974	June	1974	7.46	122

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			
					Date	Gage height (ft)	Discharge (ft ³ /s)	
YUKON--Continued								
15439800 Boulder Creek near Central								
Lat 65°34'05", long 144°53'13", in NW¼ sec.32, T.9 N., R.14 E., on right bank 2,000 ft upstream from bridge at mi 125.4 on Steese Highway, 0.7 mi upstream from Crooked Creek, and 2.4 mi west of Central.	31.3	Aug. 1963- July 1971 At site 2,000 ft downstream (drainage area, 31.5 mi ²)	Crest-stage gage Aug. 1963-May 1966 Water-stage recorder May 1966-Sept. 1969 Nonrecording gage and crest-stage gage Sept. 1969- July 1971 Water-stage recorder July 1971-	1964	July 1964	a5.68	707	
				1965	June 1965	a3.13	260	
				1966	June 18, 1966	a2.46	203	
				1967	Aug. 13, 1967	a7.50	1,150	
				1968	June 7, 1968	a4.60	220	
				1970	June 30, 1970	a4.56	405	
				1971	May 25, 1971	14.16	218	
				1972	June 7, 1972	7.52	294	
				1973	June 3, 1973	7.91	383	
				1974	May 19, 1974	--	50	
				July 1971-	1975	May 29, 1974	6.55	145
					1976	May 30, 1976	6.58	148
					1977	June 15, 1977	7.63	336
					1978	May 22, 1978	b	92
				1979	July 1, 1979	6.10	125	
				1980	June 30, 1980	7.77	364	
				1981	May 29, 1981	7.84	378	
15442500 Quartz Creek near Central								
Lat 65°37'09", long 144°28'55", in SW¼ sec.7, T.9 N., R.16 E., on left bank, 20 ft upstream from bridge at mi 138.5 on Steese Highway, 1 mi upstream from Crooked Creek, 10 mi east of Central, and 19 mi southwest of Circle.	17.2	Aug. 1967, May 1970-79	Crest-stage gage	1967	Aug. 13, 1967	21.00	375	
				1969	1969	b	e21	
				1970	June 30, 1970	19.83	245	
				1971	June 1971	19.90	250	
				1972	June 7, 1972	18.64	140	
				1973	May 1973	18.06	97	
				1974	1974	b	b	
				1975	May 1975	20.04	265	
				1976	Aug. 1976	22.06	500	
				1977	June 15, 1977	18.75	145	
				1978	June 13, 1978	17.12	47	
				1979	May 1979	17.36	58	
15453610 Ray River Tributary near Stevens Village								
Lat 65°56'57", long 150°55'00", in SE¼ sec.17, T.13 N., R.11 W., on right bank 10 ft upstream from culvert on TAPS haul road and 22 mi west of Stevens Village.	8.00	1977-	Crest-stage gage	1977	1977	20.23	k	
				1978	1978	16.19	k	
				1979	1979	16.27	k	
				1980	1980	15.96	k	
				1981	1981	16.44	k	
15457700 Erickson Creek near Livengood								
Lat 65°34'30", long 148°56'18", in SE¼ sec.26, T.9 N., R.7 W., at culvert at mi 12.5 on the TAPS haul road and 12.5 mi northwest of Livengood.	26.3	1973-	Crest-stage gage	1973	June 3, 1973	17.47	285	
				1974	June 1974	15.04	92	
				1975	May 13, 1975	19.91	660	
				1976	May 4, 1976	17.72	310	
				1977	May 31, 1977	21.10	860	
				1978	May 1978	15.53	115	
				1979	May 1979	19.53	600	
				1980	May 1980	18.14	150	
				1981	May 1981	20.55	298	
15469900 Silver Creek near Northway Junction								
Lat 62°59'01", long 141°40'07", in NW¼ sec.20 T.14 N., R.20 E., on left bank, 20 ft upstream from culvert at mi 1258.8 on the Alaska Highway, and 4 mi south-east of Northway Junction.	11.7	Aug. 1963- 1972	Crest-stage gage	1963	Sept. 1963	10.07	16	
				1964	July 11, 1964	16.25	355	
				1965	1965	11.05	47	
				1966	May 1966	12.34	104	
				1967	May 1967	12.11	92	
				1968	June 1968	10.35	24	
				1969	May 6, 1969	b	c10	
				1970	July 1970	9.19	7.8	
				1971	June 1971	9.86	21	
				1972	July 26, 1972	10.21	29	
15470300 Little Jack Creek near Nabesna								
Lat 62°32'47", long 143°19'30", in SE¼ sec.22, T.9 N., R.11 E., on left bank 0.2 mi upstream from wooden bridge at mi 25.8 Nabesna Road and 15.6 mi northwest of Nabesna.	6.73	1975-	Crest-stage gage	1975	1975	16.92	171	
				1976	1976	15.42	56	
				1977	1977	16.59	145	
				1978	1978	15.06	33	
				1979	Sept. 3, 1979	15.67	71	
				1980	June 14, 1980	15.52	63	
				1981	June 8, 1981	16.19	113	
15470330 Chalk Creek near Nabesna								
Lat 62°30'19", long 143°09'24", in NE¼ sec.3, T.8 N., R.12 E., on right bank 0.1 mi upstream from wooden bridge at mi 32.3 Nabesna Road and 10.3 mi northwest of Nabesna.	14.8	1975-	Crest-stage gage	1975	Sept. 11, 1975	17.69	297	
				1976	Aug. 1976	16.29	111	
				1977	July 1977	16.57	138	
				1978	Aug. 10, 1978	18.00	360	
				1979	July 13, 1979	16.98	190	
				1980	June 14, 1980	17.40	250	
				1981	June 8, 1981	16.46	125	

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data		
					Date	Gage height (ft)	Discharge (ft ³ /s)
YUKON--Continued							
15470340 Jack Creek near Nabesna							
Lat 62°27'52", long 143°06'18", in NW¼ sec.24, T.8 N., R.12 E., on left bank 0.1 mi above bridge on Nabesna Road and 7 mi northwest of Nabesna.	115	1975-	Crest-stage gage	1975	Sept. 11, 1975	21.60	2,440
				1976	Aug. 1976	19.19	490
				1977	July 1977	20.85	1,500
				1978	June 1978	19.49	660
				1979	July 13, 1979	20.80	1,470
				1980	June 14, 1980	20.48	1,250
				1981	May 29, 1981	18.63	215
15471000 Bitters Creek near Northway Junction							
Lat 63°09'38", long 142°05'20", in SE¼ sec.13, T.16 N., R.17 E., on left bank 52 ft upstream from culvert at mi 1280 on the Alaska Highway, 1 mi upstream from Tanana River, and 13.5 mi northwest of Northway Junction.	15.4	July 1964-	Crest-stage gage	1964	June 1964	17.54	1,010
				1965	1965	b	b
				1966	1966	11.60	101
				1967	May 1967	10.13	29
				1968	June 27, 1968	13.36	259
				1969	June 1, 1969	12.33	160
				1970	May 1970	10.59	46
				1971	June 1971	11.29	81
				1972	July 27, 1972	12.07	137
				1973	June 9, 1973	11.46	93
				1974	June 1974	10.64	47
				1975	June 3, 1975	11.68	107
				1976	June 1976	12.19	146
				1977	June 20, 1977	11.40	88
				1978	June 1978	10.75	53
				1979	May 1979	12.11	140
				1980	July 1980	12.04	135
				1981	June 2, 1981	12.57	178
15471500 Tanana River Tributary near Tetlin Junction							
Lat 63°16'45", long 142°30'27", in SE¼ sec.3, T.17 N., R.15 E., on left bank 6 ft upstream from culvert at mi 1297.8 on the Alaska Highway, and 3.7 mi southeast of Tetlin Junction.	2.43	Aug. 1965-	Crest-stage gage	1965	1965	12.10	16
				1966	1966	11.80	12
				1967	May 1967	11.68	10
				1968	May 1968	11.94	15
				1969	July 1969	12.32	24
				1970	July 1970	11.42	6.8
				1971	June 1971	12.39	27
				1972	May 1972	12.45	28
				1973	June 1973	13.01	45
				1974	May 1974	11.60	9.4
				1975	July 20, 1975	11.43	6.9
				1976	Aug. 1976	11.67	10
				1977	Sept. 21, 1977	11.79	12
				1978	June 1978	11.38	6.0
				1979	May 1979	11.92	15
				1980	Sept. 1980	11.36	6.0
				1981	July 2, 1981	12.28	23
15473000 Bartell Creek near Mentasta							
Lat 62°55'45", long 143°34'30", at mi 83.5 Tok-Slana Highway, 1 mi upstream from mouth, and 8 mi east of Mentasta.	12.0	Aug. 1964- Sept. 1969	Crest-stage gage	1965	June 1965	8.77	c40
				1966	June 1966	b	c88
15473600 Log Cabin Creek near Log Cabin Inn							
Lat 63°01'48", long 143°20'36", on right bank 20 ft upstream from bridge at mi 97.4 on the old section of the Slana-Tok Highway, and 24.9 mi southwest of Tok.	10.7	Aug. 1965-	Crest-stage gage	1966	1966	9.58	86
				1967	1967	9.99	63
				1968	June 27, 1968	11.33	279
				1969	Sept. 1, 1969	9.63	32
				1970	July 1970	10.10	74
				1971	June 1971	9.56	27
				1972	July 27, 1972	11.41	330
				1973	June 9, 1973	10.93	280
				1974	May 18, 1974	10.21	62
				1975	June 3, 1975	11.70	350
				1976	Aug. 1976	10.50	230
				1977	June 21, 1977	10.24	190
				1978	June 1978	9.46	68
				1979	July 13, 1979	9.63	94
				1980	July 1980	10.36	210
				1981	Aug. 1981	12.10	k

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			
					Date	Gage height (ft)	Discharge (ft ³ /s)	
YUKON--Continued								
15473950 Clearwater Creek near Tok								
Lat 63°10'19", long 143°12'03", in NE¼ sec.18, T.16 N., R.11 E., 0.8 mi upstream from culverts at mi 109.5 on the Glenn Highway and 12.5 mi southwest of Tok.	36.4	Aug. 1963- Oct. 1968	Crest-stage gage at site 0.8 mi downstream (drain- age area 37.5 mi ²)	1964	July	1964	a13.85	669
				1965	June	1965	a11.92	195
				1966	June	8, 1966	a13.40	700
				1967	June	1967	a11.30	140
				1968	June	27, 1968	a18.39	1,040
		Oct. 1968- 1980	Crest-stage gage	1969		1969	49.43	c860
				1970		1970	49.58	c750
				1971	June	1971	48.35	c300
				1972	July	1972	48.15	780
				1973	June	9, 1973	46.46	210
				1974	Aug.	1974	b	180
				1975	June	3, 1975	46.80	370
				1976	July	1976	46.60	300
				1977	June	1977	46.23	225
				1978	June	1978	44.91	51
				1979	June	20, 1979	45.68	135
				1980	July	1980	45.60	125
15476049 Tanana River Tributary near Cathedral Rapids								
Lat 63°24'24", long 143°48'28", in SE¼ sec.23, T.19 N., R.8 E., on left bank 0.3 mi upstream from culvert at mi 1341 Alaska High- way, 0.6 mi upstream from mouth at Tanana River and 2.5 mi north- west of Cathedral Rapids.	3.09	1970 1973-	Crest-stage gage	1970	July	7, 1970	15.38	338
				1973	June	9, 1973	14.40	185
				1974	May	18, 1974	12.92	20
				1975	June	1975	14.54	200
				1976	July	1976	11.39	78
				1977	June	22, 1977	11.43	78
				1978		1978	--	No flow
				1979	July	15, 1979	13.47	66
				1980		1980	--	No flow
				1981	June	4, 1981	13.51	70
15476050 Tanana River Tributary near Tanacross								
Lat 63°24'27", long 143°47'54", in SW¼ sec.24, T.19 N., R.8 E., on right upstream wingwall, 8 ft upstream from culvert at mi 1341 on the Alaska Highway, 0.3 mi above Tanana River, and 13 mi west of Tanacross.	3.32	Aug. 1963- 1972	Crest-stage gage	1964	July	1964	13.20	165
				1965		1965	11.90	83
				1966	June	8, 1966	11.20	21
				1967	June	1967	12.11	105
				1968	June	27, 1968	12.52	140
				1969		1969	b	b
				1970	July	7, 1970	12.69	150
				1971	May	1971	10.00	e5.0
				1972	July	27, 1972	16.17	172
15476200 Tanana River Tributary near Dot Lake								
Lat 63°41'40", long 144°17'40", in NW¼ sec.17, T.22 N., R.6 E., on left bank 20 ft upstream from culvert at mi 1369 on the Alaska Highway, and 7.4 mi west of Dot Lake.	11.0	Aug. 1964- 1980	Crest-stage gage	1964	July	1964	12.70	146
				1965	June	1965	11.84	100
				1966	June	8, 1966	11.87	100
				1967	June	1967	12.00	108
				1968	June	27, 1968	10.51	42
				1969	July	1969	10.55	44
				1970	July	7, 1970	11.27	73
				1971	July	1971	11.49	82
				1972	July	28, 1972	10.40	38
				1973	June	9, 1973	11.61	89
				1974	May	15, 1974	10.63	36
				1975	July	20, 1975	11.96	103
				1976	July	1976	11.39	78
				1977	June	22, 1977	11.43	78
				1978	May	15, 1978	11.04	62
				1979	Aug.	2, 1979	10.58	30
				1980	Sept.	22, 1980	10.67	34
15476300 Berry Creek near Dot Lake								
Lat 63°41'23", long 144°21'47", in NW¼ sec.13, T.22 N., R.5 E., on left bank 50 ft upstream from bridge at mi 1371.4 on the Alaska Highway, and 9.4 mi west of Dot Lake.	65.1	Aug. 1963- July 1971	Crest-stage gage	1963	Sept.	1963	10.03	d68
				1964	July	19, 1964	15.25	2,800
		July 1971-	Water-stage recorder	1965	May	1965	11.17	340
				1966		1966	12.58	970
				1967	June	1967	11.80	570
				1968	June	27, 1968	13.25	789
				1969	July	12, 1969	12.45	688
				1970	July	8, 1970	12.92	982
				1971	June	1971	11.26	288
				1972	July	27, 1972	12.20	600
				1973	June	9, 1973	13.61	1,280
				1974	Aug.	8, 1974	11.59	316
				1975	June	4, 1975	13.26	1,100
				1976	June	10, 1976	13.20	1,070
				1977	June	22, 1977	13.19	1,060
				1978	May	29, 1978	11.73	372
				1979	Aug.	2, 1979	11.86	430
1980	June	17, 1980	11.98	490				
1981	June	2, 1981	12.17	585				

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data							
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)				
YUKON--Continued											
15476400 Dry Creek near Dot Lake											
Lat 63°41'32", long 144°34'16", in NW¼ sec.24, T.14 S., R.16 E., on piling near left bank, 64 ft above bridge at mi 1378.1 on the Alaska Highway, and 15.7 mi west of Dot Lake.	57.6	Aug. 1963-Oct. 1965	Crest-stage gage	1964	July 10, 1964	m16.20	2,200				
				1965	July 1965	m14.49	1,180				
		Oct. 1965-Sept. 1969	Water-stage recorder	1966	June 19, 1966	13.64	960				
				1967	June 4, 1967	13.07	683				
				1968	June 27, 1968	13.82	1,170				
				1969	July 11, 1969	13.67	1,100				
		Oct. 1969-	Crest-stage gage	1970	July 7, 1970	m14.78	1,340				
				1971	June 1971	m13.67	840				
				1972	June 1972	m12.02	360				
				1973	June 9, 1973	13.22	690				
				1974	June 1974	11.74	295				
				1975	June 4, 1975	14.59	1,250				
				1976	June 1976	13.25	690				
				1977	June 22, 1977	14.34	1,150				
				1978	May 29, 1978	12.31	220				
				1979	Aug. 2, 1979	13.11	500				
				1980	June 1980	12.50	270				
				1981	May 25, 1981	12.78	370				
15478010 Rock Creek near Paxson											
Lat 63°04'16", long 146°06'17", on right bank at mi 24.8 on the Denali Highway, and 18 mi west of Paxson.	50.3	June 1963-	Crest-stage gage	1963	Aug. 1963	11.00	620				
				1964	June 1964	12.24	1,230				
				1965	July 1965	11.16	680				
				1966	June 1966	11.83	1,000				
				1967	July 1967	12.07	1,130				
				1968	July 5, 1968	9.70	231				
				1969	May 23, 1969	b	361				
				1970	May 1970	9.62	180				
				1971	June 1971	12.16	1,440				
				1972	May 30, 1972	10.28	490				
				1973	June 1973	12.26	1,500				
				1974	May 1974	10.90	755				
				1975	June 23, 1975	10.91	755				
				1976	June 4, 1976	11.65	1,000				
				1977	June 1977	12.68	1,800				
				1978	June 25, 1978	10.38	500				
				1979	June 19, 1979	9.94	350				
				1980	June 1980	11.02	810				
1981	July 11, 1981	11.34	970								
15478050 McCallum Creek near Paxson											
Lat 63°13'27", long 145°38'56", in SW¼ sec. 33, T.19 S., R.11 E., on right bank upstream wingwall, 8 ft upstream from bridge, at mi 202.4 on the Richardson Highway, 0.5 mi upstream from Phelan Creek, and 14.5 mi northwest of Paxson.	15.5	June 1966-	Crest-stage gage	1967	Aug. 13, 1967	12.12	1,010				
				1968	June 1968	11.26	640				
				1969	Aug. 1969	10.39	360				
				1970	Aug. 1970	10.49	390				
				1971	Aug. 10, 1971	13.17	988				
				1972	July 1972	11.25	425				
				1973	June 1973	10.60	280				
				1974	July 30, 1974	11.66	400				
				1975	June 1975	11.30	360				
				1976	Aug. 8, 1976	10.73	300				
				1977	July 1977	10.70	300				
				1978	July 14, 1978	10.28	210				
				1979	July 5, 1979	11.42	470				
				1980	May 1980	11.90	600				
				1981	May 25, 1981	11.56	520				
				15478090 Lower Suzy Q Creek near Rapids							
				Lat 63°29'23", long 145°51'22", in NW¼ sec.32, T.16 S., R.10 E., on left bank 32 ft upstream from culvert at mi 224.4 on the Richardson Highway, and 2.8 mi south of Rapids.	1.28	June 1963-Oct. 1972	Crest-stage gage	1964	July 1964	12.63	b
								1965	July 1965	13.38	b
1966	June 1966	11.14	c15								
1967	June 1967	10.57	b								
1968	June 1968	11.29	b								
1969	June 1969	11.86	b								
1970	June 1970	11.14	b								
1971	Aug. 10, 1971	11.79	b								
1972	June 1972	12.74	b								
15478500 Ruby Creek near Donnelly											
Lat 63°37'52", long 145°53'03", in NE¼ sec.7, T.15 S., R.10 E., on left bank 51 ft upstream from culvert at mi 234.8 on the Richardson Highway, and 2.3 mi south of Donnelly.	5.32	June 1963-1979	Crest-stage gage	1963	July 1963	11.04	40				
				1964	July 11, 1964	11.93	115				
				1965	July 1965	11.58	80				
				1966	June 6, 1966	11.79	100				
				1967	July 1967	12.46	150				
				1968	July 9, 1968	12.60	185				
				1969	June 1969	12.62	190				
				1970	June 1970	10.64	18				
				1971	June 1971	10.68	20				
				1972	June 1972	12.10	135				
				1973	May 1973	11.48	73				
				1974	Aug. 2, 1974	12.42	190				
				1975	July 19, 1975	12.75	250				
				1976	July 25, 1976	12.61	220				
				1977	June 18, 1977	13.26	400				
				1978	July 14, 1978	13.08	350				
				1979	June 30, 1979	13.16	380				

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data				
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)	
YUKON--Continued								
15480000 Banner Creek at Richardson								
Lat 64°17'24", long 146°20'56", in SW¼ sec.22, T.7 S., R.7 E., on right bank 55 ft upstream from bridge at mi 295.4 on the Richardson Highway, 0.1 mi upstream from Tanana River, and 0.4 mi north-west of Richardson.	20.2	Aug. 1963-	Crest-stage gage	1964	May	1964	f11.30	140
				1965	May	1965	13.07	590
				1966		1966	13.55	732
				1967	Aug. 13,	1967	12.15	352
				1968		1968	b	e12
				1969	Aug.	1969	10.19	39
				1970	May 20,	1970	10.12	34
				1971	Aug. 10,	1971	11.51	222
				1972	July	1972	11.00	126
				1973	May	1973	11.19	158
				1974	June	1974	10.69	72
				1975	May 12,	1975	12.83	530
				1976	July	1976	10.56	190
				1977	July	1977	11.99	537
				1978	May	1978	f12.45	b
				1979	May	1979	15.13	b
				1980	July 9,	1980	13.25	c210
				1981	July 9,	1981	12.97	c140
15490000 Monument Creek at Chena Hot Springs								
Lat 65°03'17", long 146°03'05", in SE¼ sec.26, T.3 N., R.8 E., 0.4 mi upstream from unnamed tributary, 1.3 mi upstream from North Fork Chena River, and 800 ft from lodge at Chena Hot Springs.	26.7	Aug. 1967-	Crest-stage gage	1967	Aug.	1967	29.10	1,490
				1970	July 16,	1970	26.70	400
				1971	June	1971	27.00	520
				1972	June 7,	1972	28.06	980
				1973	June 3,	1973	26.38	295
				1974	May 15,	1974	25.34	70
				1975	May 12,	1975	25.35	290
				1976	June	1976	25.79	140
				1977	Sept. 27,	1977	25.50	86
				1978		1978	b	b
				1979	May 3,	1979	26.15	230
				1980	June 30,	1980	26.71	355
				1981	July 8,	1981	26.37	290
				15511500 Steele Creek near Fairbanks				
Lat 64°53'36", long 147°29'12", on line between sec. 23 and 26, T.1 N., R.1 E., at mi 4.5 on the Chena Hot Springs Highway, and 7.5 mi northeast of Fairbanks.	10.7	Aug. 1967, May 1970-74	Crest-stage gage	1967	Aug. 12,	1967	11.23	340
				1970	June	1970	1.08	e11
				1971	June	1971	1.48	e16
				1972	May 7,	1972	b	e130
				1973	June 4,	1973	b	20
				1974	Aug.	1974	3.13	9.8
*155157999 Brushkana Creek near Cantwell								
Lat 63°17'16", long 148°03'48", in NE¼ sec.11, on upstream right highway bridge abutment, 5.2 mi upstream from mouth, 32 mi east of Cantwell at mi 104.5 Denali Highway.	115	Aug. 1974-	Crest-stage gage	1974		1974	8.48	1,580
				1975		1975	10.33	2,750
				1976		1976	8.28	1,470
				1977	June 15,	1977	8.73	2,340
				1978		1978	8.03	1,340
				1979		1979	7.88	1,260
				1980		1980	8.70	1,710
				1981	Aug. 16,	1981	8.55	1,620
15515800 Seattle Creek near Cantwell								
Lat 63°19'32", long 148°14'49", on line between sec.25 and 26, T.18 S., R.4 W., Matanuska-Susitna Borough, on left downstream wing-wall of bridge at mi 110.9 Denali Highway and 22.4 mi southeast of Cantwell.	36.2	June 1963- Sept. 1965	Crest-stage gage 30 ft upstream at datum 5.38 ft lower	1963	Aug.	1963	m5.60	500
				1964	June	1964	m8.05	3,100
				1965	June	1965	m6.32	1,000
		Oct. 1965- Sept. 1975	Water-stage recorder	1966	June 6,	1966	6.00	2,100
				1967	June 13,	1967	5.14	414
				1968	May 29,	1968	5.50	720
		Oct. 1975-	Crest-stage gage	1969	May 25,	1969	5.02	365
				1970	May 28,	1970	4.97	286
				1971	June 6,	1971	5.47	810
				1972	May 29,	1972	5.47	810
				1973	June 7,	1973	4.79	305
				1974	May 21,	1974	4.81	316
				1975	May 29,	1975	5.20	570
				1976	June 4,	1976	4.93	388
				1977	June	1977	5.17	549
				1978	May	1978	f4.88	b
				1979	June 19,	1978	4.86	335
				1980	June	1980	4.90	360
				1981	Aug. 9,	1981	5.15	420

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			Discharge (ft ³ /s)
					Date	Gage height (ft)		
YUKON--Continued								
15515900 Lily Creek near Cantwell								
Lat 63°19'54", long 148°16'16", in NW¼ sec.26, T.18 S., R.4 W., 300 ft upstream from culvert, at mi 111.9 on the Denali Highway, and 20 mi southeast of Cantwell.	5.63	July 1965-	Crest-stage gage	1966	June	1966	n12.08	191
				1967	June 13, 1967	n9.12	50	
				1968	June	1968	n10.78	130
				1969	May	1969	b	c20
				1970	June	1970	20.66	35
				1971	June	1971	22.89	176
				1972	June 13, 1972	22.55	117	
				1973	June	1973	22.50	110
				1974	Mar.	1974	22.08	58
				1975	June	1975	22.62	113
				1976	June	1976	22.02	41
				1977	June	1977	22.58	108
				1978	May	1978	f22.72	b
				1979	June 19, 1979	22.36	64	
				1980	June 8, 1980	22.78	122	
				1981	July 10, 1981	22.88	155	
*15516010 Fish Creek near Cantwell								
Lat 63°22'53", long 148°44'17", in SE¼ sec.5, T.18 S., R.6 W., on downstream left highway bridge abutment, 4.2 mi upstream from mouth, 7.2 mi east of Cantwell at mi 128.2 on the Denali Highway.	18.2	Sept. 1977	Crest-stage gage	1978		1978	98.64	72
				1979		1979	110.21	205
				1980		1980	98.87	91
				1981	Aug. 16, 1981	99.07	198	
*15516050 Jack River near Cantwell								
Lat 63°23'41", long 148°55'13", in SE¼ sec.32, T.17 S., R.7 W., on downstream face of highway bridge pier on the Cantwell Road, 7 mi upstream from mouth and 1.1 mi east of Cantwell.	325	1973-81	Crest-stage gage	1973		1973	13.10	2,750
				1974		1974	13.30	3,060
				1975		1975	14.10	3,560
				1976		1976	14.30	2,900
				1977		1977	15.69	4,873
				1978		1978	13.40	1,700
				1979		1979	14.09	1,600
				1980		1980	15.54	2,130
				1981		1981	15.54	2,130
15516100 Nenana River Tributary near Cantwell								
Lat 63°27'50", long 148°48'25", on right bank on the Parks Highway, and 6.7 mi northeast of Cantwell.	1.62	July 1965- June 1970	Crest-stage gage	1966	June	1966	b	c20
				1967	July	1967	b	c20
				1968	June	1968	8.93	4.5
15516200 Slime Creek near Cantwell								
Lat 63°30'34", long 148°48'39", in SE¼ sec.24, T.16 S., R.7 W., on the left bank of the Parks Highway, and 9.1 mi northeast of Cantwell.	6.90	July 1965-	Crest-stage gage	1966	June	1966	12.26	355
				1967	July	1967	14.52	685
				1968	June	1968	10.44	115
				1969	July 1, 1969	10.50	125	
				1970	July	1970	10.63	140
				1971	July 13, 1971	11.85	250	
				1972	June	1972	11.22	180
				1973	June	1973	b	75
				1974	June	1974	b	82
				1975	Aug.	1975	13.55	515
				1976	June	1976	12.77	147
				1977	June	1977	14.43	295
				1978	June	1978	12.90	157
				1979	July 16, 1979	12.73	115	
				1980	July	1980	13.15	192
				1981	July 10, 1981	13.58	178	
				15518100 Little Panguingue Creek near Lignite				
Lat 63°56'05", long 149°06'00", in NW¼ sec.27, T.11 S., R.8 W., on the Parks Highway, 1.5 mi upstream from Nenana River, and 3 mi northwest of Lignite.	3.44	July 1965-74	Crest-stage gage	1965	June 13, 1965	13.50	119	
				1966		1966	b	c<150
				1967	Aug. 12, 1967	14.13	151	
				1968		1968	b	c<92
				1969		1969	b	c<92
				1970	Sept. 14, 1970	12.25	c2.0	
				1971	June	1971	11.88	30
				1972		1972	11.99	34
				1973		1973	b	58
				1974	June	1974	11.95	32
				15518200 Rock Creek near Ferry				
Lat 64°01'56", long 149°08'40", in SW¼ sec.21, T.10 S., R.8 W., at midchannel 42 ft upstream from culverts on the Parks Highway, 0.3 mi upstream from Nenana River, and 1.4 mi northwest of Ferry.	8.17	Aug. 1964-80	Crest-stage gage	1965	June 13, 1965	11.34	671	
				1966		1966	b	b
				1967	July 21, 1967	11.78	880	
				1968		1968	b	b
				1969		1969	b	b
				1970		1970	10.48	340
				1971	June	1971	11.12	580
				1972		1972	9.50	50
				1973		1973	9.58	66
				1974	May	1974	9.56	60
				1975		1975	9.70	100
				1976		1976	b	b
				1977	June	1977	9.98	190
				1978	May 10, 1978	9.48	43	
				1979	June 29, 1979	10.93	500	
				1980	June 18, 1980	13.90	938	

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Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
YUKON--Continued							
15518250 Birch Creek near Rex							
Lat 64°10'35", long 149°17'26", in SW¼ sec.35, T.8 S., R.9 W., on left bank 20 ft upstream from culvert on the Parks Highway, and 4.2 mi south of Rex.	4.10	Aug. 1964-	Crest-stage gage	1965	June 13, 1965	11.43	183
				1966	May 1966	11.00	144
				1967	Aug. 12, 1967	14.74	464
				1968	1968	b	b
				1969	1969	8.81	20
				1970	Sept. 14, 1970	11.21	165
				1971	Aug. 10, 1971	9.82	70
				1972	May 9, 1972	10.10	86
				1973	1973	9.12	32
				1974	May 1974	8.86	22
				1975	May 1975	10.91	122
				1976	1976	10.33	102
				1977	Sept. 1977	8.78	18
				1978	Aug. 22, 1978	8.92	25
				1979	May 1979	9.91	76
				1980	June 18, 1980	12.97	300
				1981	July 9, 1981	10.24	110
15518400 Tanana River Tributary near Nenana							
Lat 64°38'27", long 149°00'34", in NW¼ sec.20, T.3 S., R.7 W., on right bank 3 ft upstream from culvert on the Nenana road, and 6 mi northeast of Nenana.	0.58	Aug. 1965- Sept. 1969	Crest-stage gage	1966	May 1966	11.63	12
				1967	May 1967	12.01	18
15519000 Bridge Creek near Livengood							
Lat 65°27'52", long 148°15'13", on left bank, 10 ft upstream from culvert at mi 56 on the Elliott Highway, and 0.5 mi southeast of Livengood.	12.6	Aug. 1963-72	Crest-stage gage	1963	Aug. 1963	13.40	185
				1964	Aug. 1964	17.60	1,070
				1965	Sept. 1965	14.90	290
				1966	June 1966	12.18	97
				1967	Aug. 13, 1967	17.65	788
				1968	1968	13.00	152
				1969	Aug. 4, 1969	11.90	76
				1970	July 1970	12.70	131
				1971	Aug. 10, 1971	13.88	220
				1972	May 1972	11.65	63
15519200 Brooks Creek Tributary near Livengood							
Lat 65°23'02", long 148°56'12", on line between sec.2, T.6 N., R.7 W., and sec.35 T.7 N., R.7 W., on right bank 20 ft upstream from culvert at mi 84 Elliot Highway and 15 mi south-west of Livengood.	7.81	Aug. 1964-	Crest-stage gage	1964	Aug. 1964	12.58	137
				1965	Sept. 1965	10.51	85
				1966	May 1966	10.66	90
				1967	Aug. 13, 1967	9.26	43
				1968	1968	11.01	98
				1969	June 1969	8.01	c2.2
				1970	June 1970	9.25	42
				1971	Aug. 8, 1971	9.35	46
				1972	1972	10.06	67
				1973	May 1973	8.90	32
				1974	June 1974	7.55	2.0
				1975	May 1975	13.27	168
				1976	1976	10.96	96
				1977	May 1977	7.27	48
				1978	June 27, 1978	9.40	47
				1979	May 1979	11.01	98
				1980	May 1980	9.18	40
				1981	Aug. 1981	8.27	8.6
15520000 Idaho Creek near Miller House							
Lat 65°21'13", long 146°09'33", in NW¼ sec.17, T.6 N., R.8 E., 100 ft downstream from culverts at mi 79 on the Steese Highway, and 30 mi southwest of Miller House.	5.31	Aug. 1963-	Crest-stage gage	1963	1963	a11.01	40
				1964	July 1964	a16.00	813
				1965	June 1965	a14.17	230
				1966	June 1966	a11.33	48
				1967	Aug. 14, 1967	17.05	626
				1968	1968	b	c130
				1969	1969	b	c210
				1970	June 29 or 30, 1970	15.62	255
				1971	June 1971	14.83	125
				1972	June 7, 1972	14.86	130
				1973	June 3, 1973	14.33	66
				1974	June 1974	14.09	43
				1975	May 1975	15.03	155
				1976	Aug. 1976	14.27	59
				1977	June 15, 1977	14.69	108
				1978	May 1978	e14.54	e90
				1979	May 1979	14.70	66
				1980	June 30, 1980	15.09	163
				1981	Aug. 1981	14.47	b

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Water year	Annual maximum data			
					Date	Gage height (ft)	Discharge (ft ³ /s)	
YUKON--Continued								
15530000 Faith Creek near Chena Hot Springs								
Lat 65°17'32", long 146°22'48", in NE¼ sec. 6, T.5 N., R.7 E., on right bank 88 ft upstream from bridge at mi 69 on the Steese Highway, 0.2 mi upstream from mouth on Chatanika River, 19 mi northwest of Chena Hot Springs, and 34.5 mi northeast of Chatanika.	61.1	Aug. 1963-72	Crest-stage gage	1963	Aug.	1963	n11.30	890
				1964	June	1964	n11.65	1,100
				1965	June	1965	n11.28	878
				1966	June	1966	n11.22	842
				1967	Aug. 14,	1967	n15.15	4,950
				1968	May	1968	12.61	1,250
				1969	Aug. 4,	1969	13.63	2,120
				1970	June 30,	1970	13.65	2,140
				1971	Aug. 10,	1971	12.80	1,350
1972	May	1972	12.27	940				
*15540070 Little Goldstream near Nenana								
Lat 64°39'52", long 148°56'17", in SW¼ sec. 10, T.3 S., R.7 W., on upstream right bank of highway bridge at mi 314.5 Parks Highway, 4 mi upstream from mouth, and 9.5 mi northeast of Nenana.	41.8	1967, 1974-	Crest-stage gage	1967	Aug.	1967	--	1,490
				1974		1974	78.69	51
				1975	May 6,	1975	79.85	195
				1976	May	1976	79.39	125
				1977	May	1977	81.23	483
				1978	May	1978	79.04	85
				1979		1979	b	b
				1980		1980	79.29	113
				1981		1981	79.49	139
15541600 Globe Creek near Livengood								
Lat 67°17'08", long 148°07'56", 0.1 mi upstream from culverts at mi 38 on the Elliott Highway, 9 mi upstream from Tatalina River, and 19 mi southeast of Livengood.	23.0	Aug. 1964-Sept. 1972 At site 0.1 mi downstream (drainage area 26.3 mi ²)	Crest-stage gage	1964	July 30,	1964	a14.39	506
				1965	July	1965	a11.80	230
				1966	June	1966	a11.14	165
				1967	Aug. 12,	1967	17.05	1,240
				1968	June	1968	b	e74
				1969	Aug. 2,	1969	a13.40	155
				1970	July	1970	a12.48	112
				1971	Aug. 10,	1971	a16.79	300
				1972	May	1972	15.34	316
				1973	June 4,	1973	16.65	813
				1974	May	1974	13.24	92
				1975	May 13,	1975	15.55	450
				1976	May 28,	1976	15.41	420
				1977	June	1977	16.73	850
				1978	June	1978	13.45	110
				1979	May	1979	14.35	220
				1980	Aug.	1980	12.96	70
				1981	June 27,	1981	15.57	460
15541650 Globe Creek Tributary near Livengood								
Lat 65°16'31", long 148°06'58", on right bank, 20 ft upstream from right culvert at mi 36.9 on the Elliott Highway, 1 mi above mouth on Globe Creek, and 20 mi south-east of Livengood.	9.01	Aug. 1963-72	Crest-stage gage	1963	Aug. 5,	1963	13.60	252
				1964	July 30,	1964	10.30	96
				1965	Sept.	1965	11.77	187
				1966	June	1966	b	c75
				1967	Aug. 12,	1967	15.35	490
				1968	June	1968	c9.32	e42
				1969	Aug.	1969	b	c70
				1970	July	1970	11.01	138
				1971	Aug. 10,	1971	9.71	74
				1972	May	1972	12.17	195
15541800 Washington Creek near Fox								
Lat 65°09'04", long 147°51'22", on right bank, 100 ft upstream from bridge at mi 18.2 on the Elliott Highway, and 15 mi northwest of Fox.	46.7	Aug. 1963-72	Crest-stage gage	1963	Aug.	1963	10.70	427
				1964	June	1964	14.25	1,430
				1965	July	1965	13.43	1,190
				1966	June	1966	13.96	1,320
				1967	Aug. 12 or 13,	1967	18.29	2,500
				1969	Aug.	1969	9.78	305
				1970	July	1970	9.04	197
				1971	July 13,	1971	9.27	240
1972	May	1972	11.85	760				
15564500 New York Creek near Ruby								
Lat 64°34'45", long 155°26'00", on left bank at mi 14 on the Ruby-Poorman road, and 12 mi south of Ruby.	6.99	Sept. 1965-May 1967	Crest-stage gage	1965	Sept.	1965	10.84	72
				1966		1966	b	b
				1967	May	1967	10.26	e40
15564868 Snowden Creek near Wiseman								
Lat 67°44'16", long 149°45'10", in SW¼ sec. 26, T.34 N., R.10 N., on right bank 20 ft upstream from culvert on the Dalton Highway and 24.5 mi northeast of Wiseman.	16.7	1977-	Crest-stage gage	b	b		b	p1,200
				1977	July 4,	1977	25.60	445
				1978	June	1978	24.19	320
				1979	May	1979	24.73	367
				1980	July	1980	23.99	300
				1981	Aug. 12,	1981	24.11	310

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
YUKON--Continued							
15564872 Nugget Creek near Wiseman							
Lat 67°29'25", long 149°52'20", in NW¼ sec.3, T.31 N., R.10 W., on right bank 300 ft upstream from culvert at the Dalton Highway and 8.7 mi northeast of Wiseman.	9.47	1975-	Crest-stage gage	1975	May 12, 1975	15.27	75
				1976	June 1976	15.93	132
				1977	1977	16.42	167
				1978	1978	16.01	137
				1979	May 1979	16.07	145
				1980	May 1980	15.50	96
				1981	June 1981	15.71	112
15564879 Slate Creek at Coldfoot							
Lat 67°15'17", long 150°10'24", in NW¼ sec.15, T.28 N., R.12 W., on left bank 25 ft upstream from bridge on Dalton Highway at Coldfoot.	73.4	1977, 1980-	Crest-stage gage	1977	1977	17.82	k
				1980	1980	16.80	k
				1981	1981	15.73	k
15564884 Prospect Creek near Prospect Camp							
Lat 66°46'56", long 150°41'06", in NW¼ sec.31, T.23 N., R.14 W., on left bank 200 ft upstream from bridge on the Dalton Highway, 0.4 mi downstream from TAPS pipeline crossing, 1.5 mi upstream from mouth, and 2.1 mi south of Pump Station 5.	110	1975-	Crest-stage gage	b	b	b	p6,800
				1975	Sept. 19, 1975	7.91	2,500
				1976	Aug. 1976	5.34	640
				1977	May 1977	8.80	3,800
				1978	June 18, 1978	6.30	860
				1979	May 1979	8.80	3,800
				1980	Aug. 1980	2.15	1,500
1981	May 1981	5.71	520				
15564887 Bonanza Creek Tributary near Prospect Camp							
Lat 66°36'52", long 150°41'24", in SE¼ sec.25, T.21 N., R.12 W., on right bank 0.3 mi downstream from mouth, and 13.5 mi south of Pump Station 5.	11.7	1975	Crest-stage gage	1975	May 10, 1975	19.28	220
				1976	July 1976	16.19	31
				1977	Sept. 25, 1977	18.13	138
				1978	June 18, 1978	18.12	137
				1979	July 22, 1979	17.32	87
				1980	May 1980	17.38	90
				1981	July 28, 1981	17.35	88
15565235 Ophir Creek near Takotna							
Lat 63°08'42", long 156°31'15", in SE¼ SW¼ sec.14, T.27 S., R.12 E., on right bank 25 ft downstream from road crossing between airstrip and old town of Ophir, 500 ft upstream from mouth, and 20 mi northwest of Takotna.	6.19	Aug. 1975- Sept. 1980	Water-stage recorder	1976	May 3, 1976	b	25
				1977	May 18, 1977	4.70	360
				1978	June 30, 1978	2.30	54
				1979	July 11, 1979	2.14	23
				1980	June 7, 1980	2.67	57
NORTHWEST							
15585000 Goldengate Creek near Nome							
Lat 64°26'03", long 165°02'46", in SW¼ sec.15, T.12 S., R.32 W., on right bank 500 ft upstream from culvert on Nome-Council Road and 11 mi southeast of Nome.	1.55	1965, 1977	Crest stage gage	1965	Sept. 8, 1965	g11.70	63
				1977	Sept. 24, 1977	10.97	12
				1978	Sept. 24, 1978	11.72	39
				1979	June 4, 1979	11.62	35
				1980	June 20, 1980	11.15	17
				1981	June 2, 1981	11.62	35
15619000 Dexter Creek near Nome							
Lat 64°35'11", long 165°16'39", in NE¼ sec.33, T.10 S., R.33 W., on left bank 800 ft upstream from culvert on Nome-Teller Road 0.2 mi upstream from mouth and 7 mi northeast of Nome.	2.99	1978	Crest-stage gage	1978	June 22, 1978	16.18	64
				1979	June 1979	15.99	k
				1980	June 1980	12.50	k
				1981	May 1981	12.50	k
15624998 Arctic Creek above tributary near Nome							
Lat 64°38'16", long 165°42'42", in NE¼ sec.8, T.10 S., R.35 W., on right bank 300 ft upstream from culvert on Nome-Teller Road 2 mi upstream from mouth and 13 mi northwest of Nome.	1.13	1975, 1979-	Crest-stage gage	1975	July 10, 1975	b	117
				1979	Aug. 4, 1979	17.95	24
				1980	July 1980	18.26	51
				1981	July 8, 1981	18.54	87
15625000 Arctic Creek near Nome							
Lat 64°38'15", long 165°42'46", in NE¼ sec.8, T.10 S., R.35 W., on right bank, 20 ft upstream from culvert on Nome-Teller road, 2 mi above Bluff Creek, and 13 mi northwest of Nome.	1.76	Aug. 1967-78	Crest-stage gage	1969	June 8, 1969	11.00	72
				1970	Aug. 12, 1970	8.90	c3.0
				1971	June 1971	9.95	28
				1972	June 1972	10.55	52
				1973	July 25, 1973	11.01	72
				1974	July 28, 1974	12.24	147
				1975	July 10, 1975	b	199
				1976	June 2, 1976	12.10	30
				1977	Sept. 24, 1977	12.70	60
				1978	June 22, 1978	13.04	80

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data							
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)				
NORTHWEST --Continued											
15633000 Washington Creek near Nome											
Lat 64°42'52", long 165°49'13", in NW¼ sec.14, T.9 S., R.35 W., on right bank on Nome-Teller road, and 19 mi northwest of Nome.	6.34	Sept. 1964-	Crest-stage gage	1964	Sept. 1964	11.60	149				
				1965	Sept. 8, 1965	12.50	220				
				1966	1966	b	b				
				1967	1967	b	b				
				1968	June 1968	11.10	114				
				1969	Aug. 4, 1969	12.59	230				
				1970	Aug. 12, 1970	9.00	27				
				1971	1971	10.10	63				
				1972	June 1972	9.40	27				
				1973	July 25, 1973	12.32	177				
				1974	July 28, 1974	11.01	91				
				1975	July 10, 1975	19.35	620				
				1976	June 2, 1976	10.69	74				
				1977	Sept. 24, 1977	11.55	122				
				1978	June 22, 1978	10.95	86				
				1979	Aug. 4, 1979	a20.06	k				
				1980	July 1980	a20.39	k				
				1981	July 8, 1981	a19.77	67				
				15668100 Star Creek near Nome							
				Lat 64°55'40", long 164°57'39", on right bank at mi 40.5 on Nome-Taylor road, 0.8 mi above Kruzgamepa River, and 32 mi north-east of Nome.	3.78	Sept. 1964-	Crest-stage gage	1964	June 1964	10.95	100
1965	June 1965	11.77	144								
1966	1966	b	b								
1967	July 4, 1967	10.55	81								
1968	July 3, 1968	10.54	80								
1969	Aug. 4, 1969	8.82	13								
1970	1970	b	e5.0								
1971	June 13, 1971	8.84	e21								
1972	July 30, 1972	13.30	152								
1973	July 1973	10.63	85								
1974	July 28, 1974	10.20	66								
1975	July 10, 1975	12.49	130								
1976	July 1976	9.74	58								
1977	Sept. 24, 1977	15.18	33								
1978	Sept. 24, 1978	9.36	32								
1979	July 3, 1979	10.16	64								
1980	June 19, 1980	10.98	100								
1981	May 30, 1981	9.86	50								
15668200 Crater Creek near Nome											
Lat 64°55'48", long 164°52'12", in NW¼ NW¼ sec.36, T.6 S., R.31 W., on right bank 15 ft upstream from culvert at mi 43 on Nome-Kougarok Highway, 1.1 mi upstream from mouth, and 34 mi northeast of Nome.	21.9	Sept. 1964-	Crest-stage gage	1973	July 197e	14.36	1,100				
				1974	July 28, 1974	15.63	1,370				
		Aug. 1975-	Water-stage recorder	1975	July 10, 1975	b	2,540				
				1976	July 29, 1975	11.54	502				
				1977	Sept. 7, 1977	13.41	1,080				
				1978	June 22, 1978	13.97	1,240				
				1979	July 3, 1979	13.97	1,240				
				1980	June 19, 1980	15.60	2,240				
				1981	May 30, 1981	f	c450				
ARCTIC SLOPE											
15904900 Atigun River Tributary near Pump Station 4											
Lat 68°22'25", long 149°18'48", in NE¼ SE¼ sec.28, T.12 S., R.12 E., on right bank 0.2 mi upstream from culvert at mi 191 on TAPS haul road, 0.9 mi above mouth and 4 mi south of Pump Station 4.	32.6	Oct. 1976-	Crest-stage gage	1976	July 29, 1976	14.50	1,000				
				1977	June 5, 1977	13.40	530				
				1978	July 4, 1978	12.99	407				
				1979	July 27, 1979	13.58	593				
				1980	June 27, 1980	13.74	656				
				1981	July 19, 1981	14.04	767				
15905000 Galbraith Lake Tributary near Galbraith Camp											
Lat 68°29'30", long 149°30'36", in NE¼ sec.15, T.11 S., R.11 E., 0.4 mi upstream from culvert on the road to Galbraith Camp and 2.8 mi northwest of Galbraith.	7.55	1975-79	Crest-stage gage	1975	Sept. 1975	28.72	20				
				1976	June 1976	29.80	38				
				1977	June 1977	29.99	41				
				1978	June 1978	29.38	c28				
				1979	July 27, 1979	30.20	46				
15906000 Sagavanirktok River Tributary near Pump Station 3											
Lat 68°41'13", long 149°05'42", in NE¼ SW¼ sec.4, T.9 S., R.13 E., on left bank 30 ft upstream from culverts on the Dalton Highway, 16.5 mi upstream from mouth, and 14 mi south of Pump Station 3.	28.4	1979-	Crest-stage gage	1979	June 1979	19.99	k				
				1980	July 1980	19.67	k				
				1981	June 1981	18.54	k				

Table 2. -- Gaging-station records -- Continued

Location	Drainage area (mi ²)	Period of record	Gage	Annual maximum data			
				Water year	Date	Gage height (ft)	Discharge (ft ³ /s)
ARCTIC SLOPE--Continued							
15910200 Happy Creek near Happy Valley							
Lat 69°08'50", long 148°49'50", in SE¼ sec.30, T.3 S., R.14 E., North- Slope Borough, on right bank at Happy Valley Camp 1 mi upstream from mouth and 17.5 mi south of Sagwon.	34.5	Aug. 1972-	Crest-stage gage	1972	1972	15.54	527
				1973	1973	14.26	90
				1974	May 1974	f15.75	c400
				1975	June 6, 1975	16.09	572
				1976	June 6, 1976	18.51	1,390
				1977	June 5, 1977	17.89	1,200
				1978	June 4, 1978	17.98	1,220
				1979	June 1979	15.67	400
				1980	June 1980	16.79	840
				1981	June 1981	16.49	720

Footnote explanation

- a At different site and datum
- b Unknown
- c Estimated
- d Greater peak may have occurred after
- e At least this high
- f Ice effect
- g Backwater
- h Gage height from downstream gage
- i Discharge affected by inflow from Sheep Creek
- j Tsunami, caused by earthquake
- k To be determined
- m At crest-stage gage site
- n At different site
- p Maximum evident flood
- < Less than
- * Data collected by Alaska Department of Transportation and Public Facilities

Table 3. -- Maximum known floods in Alaska

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood			
		Latitude	Longitude			Date	Gage height (ft)	Discharge (ft ³ /s)	[(ft ³ /s)/mi ²]
SOUTHEAST									
15008000	Salmon R nr Hyder	56°01'34"	130°03'55"	94.0	1963-73	Aug. 30, 1971	28.9	*140,000	---
15010000	Davis R nr Hyder	55°45'00"	130°12'00"	80	1930-40	Nov. 12, 1936	13.30	19,500	244
15010500	Halibut Bay Tr nr Hyder	55°15'00"	130°06'00"	8.58	1963-71	Oct. 19, 1964	14.48	3,400	396
15011500	Red R nr Metlakatla	55°08'29"	130°31'50"	45.3	1963-78	Dec. 31, 1963	10.66	11,700	258
15011870	White C nr Ketchikan	55°24'51"	130°27'38"	2.70	1977-81	Oct. 11, 1977	3.53	503	186
15011880	Keta R nr Ketchikan	55°21'13"	130°26'56"	74.2	1977-81	Oct. 31, 1978	8.80	30,300	408
15011894	Blossom R nr Ketchikan	55°25'34"	130°33'40"	68.1	1981	Sept. 9, 1981	19.75	7,770	114
15011900	Cabin C nr Ketchikan	55°19'19"	130°47'00"	8.80	1964-71	Sept. 23, 1967	11.41	1,400	159
15012000	Winstanley C nr Ketchikan	55°24'59"	130°52'03"	15.5	1936-38, 1947-75	Jan. 30, 1962	6.65	4,120	266
15014000	Punchbowl L O nr Ketchikan	55°31'00"	130°44'00"	12	1923-30	Dec. 7, 1925	---	710	59.1
15015600	Klahini R nr Bell Island	56°03'15"	131°02'55"	58.0	1967-73	Nov. 1, 1969	8.95	12,400	214
15016000	Short C nr Bell Island	56°01'00"	131°32'00"	20	1922-25	Sept. 5, 1924	---	1,000	50.0
15018000	Shelokum L O nr Bell Island	55°59'00"	131°39'00"	18	1915-25	Dec. 18, 1919	7.23	3,100	172
15019000	Black Bear C nr Meyers Chuck	55°43'30"	132°09'48"	16.5	1963-71	Mar. 29, 1966	16.76	3,470	210
15019990	Tyee L O nr Wrangell	56°12'00"	131°30'24"	14.7	1979-81	Oct. 10, 1979	8.10	752	51.2
15020000	Tyee C nr Wrangell	56°12'00"	131°31'00"	14	1921-22, 1924-27	Oct. 5, 1926	---	1,060	75.8
15020100	Tyee C at mouth nr Wrangell	56°12'54"	131°30'25"	16.1	1927, 1963-69	Oct. 23, 1965	4.46	2,440	152
15020500	E F Bradfield R nr Wrangell	56°14'30"	131°15'12"	63.3	1979-81	Oct. 7, 1980	8.11	8,140	129
15022000	Harding R nr Wrangell	56°12'48"	131°38'12"	67.4	1951-81	Oct. 14, 1961	16.22	15,000	223
15024000	Mill C nr Wrangell	56°28'00"	132°12'00"	37	1915-17, 1923-25, 1927-28	Oct. 16, 1915	---	3,310	89.4
15024750	Goat C nr Wrangell	56°39'40"	131°58'14"	17.3	1976-81	Oct. 18, 1978	4.55	2,370	137
15024800	Stikine R nr Wrangell	56°42'26"	132°08'00"	19,920	1976-81	July 22, 1979	25.46	223,900	11.2
15026000	Cascade C nr Petersburg	57°00'21"	132°46'45"	23.0	1917-28, 1946-73	Sept. 11, 1947	10.0	3,280	143
15028000	Scenery C nr Petersburg	57°05'00"	132°47'00"	30.0	1949-52, 1953-54	Sept. 23, 1949	5.82	4,300	143
15028300	Farragut R nr Petersburg	57°10'24"	133°06'36"	151	1977-81	Oct. 9, 1979	15.23	16,400	109
15030000	Sweetheart Falls C nr Juneau	57°57'00"	133°41'00"	27	1915-17, 1918-27	Sept. 26, 1918	---	2,880	106
15031000	Long R ab Long L nr Juneau	58°10'56"	133°53'06"	8.29	1965-75	Sept. 28, 1968	15.05	3,530	426
15032000	Long L O nr Juneau	58°10'00"	133°43'30"	30.2	1913-15	Oct. 20, 1913	---	4,250	141
15034000	Long R nr Juneau	58°10'00"	133°41'50"	32.5	1915-24, 1926-33, 1951-73	Sept. 10, 1927	10.2	6,000	185
15036000	Speel R nr Juneau	58°12'10"	133°36'40"	226	1916-18, 1960-75	Sept. 27, 1918	---	35,600	158
15038000	Crater C nr Juneau	58°08'15"	133°46'15"	11.4	1913-21, 1922-24, 1927-32	Sept. 9, 1927	8.25	3,100	272
15040000	Dorothy C nr Juneau	58°13'40"	134°02'25"	15.2	1929-67	Nov. 3, 1949	5.85	1,780	117
15042000	Carlson C at Sunny Cove nr Juneau	58°19'00"	134°11'00"	22.3	1914-20	Sept. 26, 1918	---	6,200	278
15044000	Carlson C nr Juneau	58°19'00"	134°10'15"	24.3	1951-61	Aug. 12, 1961	10.5	5,100	210
15046000	Grindstone C nr Juneau	58°12'31"	134°10'34"	3.6	1916-20	Sept. 26, 1918	---	700	194
15048000	Sheep C nr Juneau	58°16'30"	134°18'50"	4.57	1911-13, 1916-20, 1946-73	Sept. 8, 1948	3.60	840	184
15050000	Gold C at Juneau	58°18'25"	134°24'05"	9.76	1916-20, 1946-48, 1949-81	Sept. 6, 1981	6.53	2,700	277
15052000	Lemon C nr Juneau	58°23'30"	134°25'15"	12.1	1951-73	Aug. 13, 1961	5.31	3,370	279
15052500	Mendenhall R nr Auke Bay	58°25'05"	134°32'40"	85.1	1965-81	Sept. 8, 1981	10.91	17,000	199
15052800	Montana C nr Auke Bay	58°23'53"	134°36'34"	15.5	1965-75	Aug. 23, 1966	16.77	1,920	124
15053800	Lake C at Auke Bay	58°23'40"	134°37'50"	2.50	1963-73	Aug. 23, 1966	5.20	980	391
15054000	Auke C at Auke Bay	58°22'56"	134°38'10"	3.96	1947-50, 1962-75	Nov. 2, 1949	4.85	348	92.7
15054200	Herbert R nr Auke Bay	58°31'26"	134°47'40"	56.9	1966-71	Sept. 18, 1967	22.40	6,280	110
15054500	Bessie C nr Auke Bay	58°35'30"	134°54'00"	1.35	1066-80	Nov. 1, 1978	14.58	310	230
15054600	Bridget Cove Tr nr Auke Bay	58°37'14"	134°56'08"	0.95	1970-73	May 20, 1972	2.97	108	114
15054990	Davies C nr Auke Bay	58°39'06"	134°53'07"	15.2	1969-72	Aug. 8, 1972	7.85	1,560	103
15056000	Sherman R at Comet	58°52'05"	135°07'05"	3.65	1914-16	Oct. 15, 1915	---	208	57.0
15056070	Dayebas C nr Haines	59°17'51"	135°19'54"	9.33	1980-81	Oct. 17, 1980	13.29	1,070	115
15056100	Skagway R at Skagway	59°28'01"	135°18'23"	145	1963-81	Sept. 7, 1981	19.25	16,400	113
15056200	West C nr Skagway	59°31'35"	135°21'10"	43.2	1962-77	Sept. 15, 1967	7.75	9,800	226
15056210	Taiya R nr Skagway	59°30'43"	135°20'40"	179	1966-77	Sept. 1967	---	+25,000	+140
15056400	Chilkat R at gorge nr Klukwan	59°37'40"	135°55'55"	190	1962-68	Sept. 15, 1967	14.59	22,000	116
15056500	Chilkat R nr Klukwan	59°24'55"	135°55'45"	760	1959-61	Aug. 14, 1961	27.40	20,600	27.1
15057500	William Henry C nr Auke Bay	58°44'46"	135°14'25"	1.58	1966-79	1979	16.15	1,130	715
15058000	Purple L O nr Metlakatla	55°06'00"	131°26'00"	6.8	1947-56	Apr. 27, 1949	5.15	716	105
15059500	Whipple C nr Ward Cove	55°26'30"	131°47'38"	5.29	1968-80	Nov. 19, 1968	8.73	2,830	535
15060000	Perseverance C nr Wacker	55°24'40"	131°40'05"	2.81	1931-39, 1946-69	Oct. 18, 1964	5.68	682	243
15062000	Ward C nr Wacker	55°25'50"	131°40'00"	14.0	1948-58	Apr. 16, 1952	6.83	2,600	186
15064000	Ketchikan C at Ketchikan	55°20'40"	131°38'05"	13.5	1909-12, 1915-19, 1964-67	Nov. 18, 1917	---	4,400	325

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood				
		Latitude	Longitude			Date	Gage height (ft)	Discharge (ft ³ /s)	[(ft ³ /s)/mi ²]	
SOUTHEAST --Continued										
15066000	Beaver Falls C nr Ketchikan	55°22'55"	131°28'25"	5.8	1917, 1920-25, 1927-32	Nov. 7, 1929	7.37	2,180	376	
15067900	Upper Mahoney L O nr Ketchikan	55°24'50"	131°33'16"	2.03	1977-81	Nov. 21, 1979	7.47	671	331	
15068000	Mahoney C nr Ketchikan	55°25'34"	131°30'40"	5.70	1920-33, 1947-58	Feb. 2, 1954	4.66	2,530	444	
15070000	Falls C nr Ketchikan	55°36'50"	131°20'55"	36.5	1916-26, 1927-33, 1946-59	Nov. 1, 1917	---	5,500	150	
15072000	Fish C nr Ketchikan	55°23'30"	131°11'40"	32.1	1915-35, 1938-81	Oct. 15, 1961	5.85	5,400	168	
15072200	Sea Level C nr Ketchikan	55°22'05"	131°11'03"	18.6	1963-71	Oct. 19, 1964	13.50	4,000	215	
15074000	Ella C nr Ketchikan	55°30'20"	131°01'25"	19.7	1927-38, 1947-58	Dec. 7, 1930	---	1,720	87.3	
15076000	Manzanita C nr Ketchikan	55°36'00"	130°59'00"	33.9	1927-37, 1947-67	Oct. 14, 1961	10.27	5,820	171	
15078000	Grace C nr Ketchikan	55°39'28"	130°58'14"	30.2	1927-37 1963-69	Sept. 4, 1966	6.22	3,990	132	
15079800	Klu C nr Bell Island	55°50'30"	131°25'20"	5.97	1963-68	Feb. 18, 1965	13.28	1,180	198	
15080000	Orchard C nr Bell Island	55°50'00"	131°27'00"	59	1915-27	Nov. 1, 1917	---	7,100	120	
15080500	Traitors R nr Bell Island	55°43'59"	131°30'00"	20.8	1964-68	Oct. 18, 1964	6.10	2,280	110	
15081490	Yatuk C nr Klawock	55°53'57"	133°08'42"	5.80	1971-80	Oct. 1979	23.06	2,860	493	
15081500	Staney C nr Craig	55°48'57"	133°07'58"	51.6	1964-81	Oct. 18, 1964	13.1	15,600	302	
15081580	Black Bear L O nr Klawock	55°33'25"	132°52'33"	1.82	1980-81	Oct. 1, 1980	6.09	190	104	
15081800	N B Trocadero C nr Hydaburg	55°21'41"	132°52'20"	17.4	1967-73	Sept. 29, 1972	7.75	5,900	339	
15081890	Natzuhini C nr Hydaburg	55°17'08"	132°49'18"	9.10	1971-80	Aug. 19, 1971	21.17	2,520	277	
15082000	Reynolds C nr Hydaburg	55°12'50"	132°36'10"	5.7	1951-56	Feb. 2, 1954	3.35	475	83.4	
15083500	Perkins C nr Metlakatla	54°56'48"	132°10'15"	3.38	1976-81	Jan. 18, 1981	4.94	1,010	299	
15084000	Myrtle C at Niblack	55°04'00"	132°08'00"	3.9	1917-21	Nov. 14, 1917	---	387	99.2	
15085000	Saltery C nr Kasaan	55°24'00"	132°18'48"	5.53	1962-64	Oct. 31, 1963	4.07	1,220	220	
15085100	Old Tom C nr Kasaan	55°23'44"	132°24'25"	5.90	1949-81	Nov. 21, 1979	6.14	1,110	188	
15085200	Dog Salmon C nr Hollis	55°20'42"	132°30'24"	16.8	1963-70	Oct. 19, 1964	17.14	2,680	159	
15085300	Cabin C nr Kasaan	55°25'20"	132°28'40"	8.83	1962-64	Jan. 6, 1963	5.39	1,530	173	
15085400	Virginia C nr Kasaan	55°25'50"	132°25'55"	3.08	1962-64	Sept. 29, 1962	4.50	300	97.5	
15085600	Indian C nr Hollis	55°26'58"	132°41'41"	8.82	1949-64	Oct. 13, 1961	8.08	6,000	680	
15085700	Harris C nr Hollis	55°27'47"	132°42'11"	28.7	1949-64	Dec. 5, 1959	10.03	8,810	307	
15085800	Maybeso C at Hollis	55°29'26"	132°40'31"	15.1	1949-63	Oct. 14, 1961	9.39	3,760	249	
15086000	Karta R nr Kasaan	55°33'50"	132°35'00"	49.5	1915-22	Nov. 1, 1917	5.15	5,070	102	
15086500	Neck C nr Point Baker	56°05'55"	133°08'20"	17.0	1960-67	Oct. 3, 1961	4.62	2,280	134	
15086600	Big C nr Point Baker	56°07'54"	133°08'36"	11.2	1963-81	Sept. 3, 1966	5.28	2,390	214	
15086900	Red C nr Point Baker	56°15'36"	133°19'34"	11.2	1971-80	Jan. 31, 1976	19.39	1,530	137	
15086960	Sunrise L O nr Wrangell	56°24'44"	132°29'30"	1.17	1978-80	Oct. 9, 1979	4.60	474	405	
15087200	Hammer Slough at Petersburg	56°48'27"	132°57'10"	1.46	1964-67	Oct. 22, 1965	3.07	602	412	
15087250	Twin C nr Petersburg	56°43'13"	132°55'33"	3.01	1966-80	May 30, 1972	11.18	700	183	
15087545	Municipal Watershed C nr Petersburg	56°46'42"	132°55'00"	2.20	1978-81	Oct. 30, 1978	4.00	668	304	
15087560	No Name C nr Petersburg	56°47'31"	132°54'33"	3.17	1970-73	Oct. 5, 1972	6.23	348	110	
15087570	Hamilton C nr Kake	56°52'21"	133°40'30"	65.0	1971-81	Jan. 30, 1976	14.97	15,600	240	
15087585	Twelvemile C nr Petersburg	56°58'07"	133°04'05"	9.39	1972-80	Oct. 18, 1978	13.03	1,460	155	
15087590	Rocky Pass C nr Point Baker	56°37'03"	133°44'10"	3.27	1976-81	Oct. 9, 1979	6.15	1,190	364	
15087595	Kadake C nr Kake	56°46'45"	134°00'42"	43.6	1972-80	Oct. 1979	104.16	12,700	291	
15087610	Nakwasina R nr Sitka	57°15'37"	135°19'54"	31.9	1976-81	Oct. 9, 1979	8.81	6,300	197	
15087690	Indian R nr Sitka	57°04'01"	135°17'42"	10.1	1980-81	Sept. 24, 1981	9.50	3,900	386	
15088000	Sawmill C nr Sitka	57°03'05"	135°13'40"	39.0	1920-22, 1928-42, 1945-57	Oct. 1972	---	9,300	238	
15090000	Green L O nr Sitka	56°59'00"	135°07'00"	---	1915-25	Sept. 26, 1918	---	3,300	106	
15092000	Maksoutof R nr Port Alexander	56°30'00"	134°58'00"	26.0	1951-56	Oct. 22, 1953	8.02	2,820	108	
15093200	Betty L O nr Port Armstrong	56°17'55"	134°40'50"	2.66	1978-81	Nov. 14, 1979	10.95	368	138	
15093400	Sashin C nr Big Port Walter	56°22'32"	134°39'40"	3.72	1965-80	Nov. 2, 1976	5.30	2,650	712	
15094000	Deer L O nr Port Alexander	56°31'10"	134°40'10"	7.41	1951-67	Dec. 14, 1962	3.80	1,120	151	
15096000	Coal C nr Baranof	57°01'00"	134°47'00"	28.5	1922-26	Sept. 30, 1923	7.6	4,800	168	
15098000	Baranof R at Baranof	57°05'15"	134°50'30"	32.0	1915-28, 1957-74	Oct. 6, 1972	13.5	9,000	281	
15100000	Takatz C nr Baranof	57°08'35"	134°51'50"	17.5	1951-69	Sept. 28, 1968	5.84	1,750	100	
15101200	Kalinin Bay Tr nr Sitka	57°18'14"	135°46'35"	2.28	1976-80	Oct. 9, 1979	4.50	945	414	
15101500	Greens C nr Juneau	58°05'18"	134°44'49"	22.8	1978-81	Oct. 30, 1978	15.12	2,640	116	
15101600	Wheeler C nr Douglas	58°01'49"	134°46'08"	57.1	1971-77	Oct. 30, 1972	23.93	3,400	59.5	
15101800	Fishery C nr Angoon	57°45'45"	134°42'21"	54.3	1967-78	Oct. 26, 1976	29.87	7,970	147	
15102000	Hasselborg C nr Angoon	57°39'40"	134°14'55"	56.2	1951-68	Oct. 23, 1953	3.78	2,400	42.7	
15102350	North Arm C nr Angoon	57°23'48"	134°19'24"	8.64	1970-78	Nov. 18, 1971	18.94	1,170	135	
15104000	Porcupine R nr Chichagof	57°50'05"	136°20'25"	7.12	1918-20	Jan. 7, 1920	---	1,180	166	
15106000	Falls C nr Chichagof	57°48'10"	136°18'10"	6.48	1918-20	Sept. 25, 1918	---	665	103	
15106100	Black R nr Pelican	57°42'19"	136°05'34"	24.7	1977-81	Oct. 9, 1979	13.00	5,620	228	
15106920	Kadashan R ab Hook C nr Tenakee	57°39'46"	135°11'06"	10.2	1968-81	Sept. 15, 1976	6.60	1,850	181	
15106940	Hook C ab Tr nr Tenakee	57°40'39"	135°07'42"	4.48	1967-80	Sept. 15, 1976	3.79	1,290	319	
15106960	Hook C nr Tenakee	57°40'22"	135°10'40"	8.00	1966-80	Oct. 5, 1979	5.04	1,520	190	
15106980	Tonalite C nr Tenakee	57°40'42"	135°13'17"	14.5	1968-81	Oct. 9, 1979	9.72	3,610	249	

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood		Discharge (ft ³ /s) [(ft ³ /s)/mi ²]
		Latitude	Longitude			Date	Gage height (ft)	
SOUTHEAST --Continued								
15107000	Kadashan R nr Tenakee	57°41'43"	135°12'59"	37.7	1964-80	Oct. 9, 1979	11.42	8,100 215
15107910	W F Indian R nr Tenakee	57°51'58"	135°16'00"	30.2	1979-81	Oct. 9, 1979	3.12	326 108
15107920	Indian R nr Tenakee	57°49'50"	136°16'00"	12.9	1976-81	Sept. 15, 1976	8.03	1,900 147
15108000	Pavlof R nr Tenakee	57°50'30"	135°02'09"	24.3	1957-81	Oct. 30, 1978	9.28	4,620 190
15108250	Game C nr Hoonah	58°03'02"	135°29'21"	42.8	1970-80	Nov. 1, 1978	15.25	17,000 396
15108290	Gos C nr Elfin Cove	58°11'49"	136°03'07"	16.7	1973-80	Sept. 24, 1980	48.41	7,620 456
15108600	Hilda C nr Douglas	58°13'38"	134°29'50"	2.62	1966-71	Nov. 21, 1967	4.60	400 153
15108800	Lawson C at Douglas	58°17'05"	134°24'40"	2.98	1966-71	Sept. 5, 1968	4.30	565 190
15109000	Fish C nr Auke Bay	58°19'50"	134°35'20"	13.6	1958-78	Oct. 2, 1961	5.05	2,120 156
SOUTH-CENTRAL								
15195000	Dick C nr Cordova	60°20'32"	144°18'10"	7.95	1970-81	Aug. 7, 1981	9.25	2,600 327
-	Siana R nr Metasta	62°51'30"	143°41'35"	310	Miscellaneous	Aug. 11, 1971	---	5,440 17.5
15198500	Station C nr Mentasta	62°56'12"	143°39'54"	15.3	1970-81	July 1977	---	309 20.2
15199000	Copper R Tr nr Siana	62°43'03"	144°14'21"	4.32	1963-81	June 1980	14.24	205 47.5
-	Chistochina R at Sinona Lodge	62°36'10"	144°38'15"	610	Miscellaneous	Aug. 1971	---	40,000 65.6
15200000	Gakona R at Gakona	62°18'06"	145°18'20"	620	1948, 1949-74	Aug. 10, 1971	8.10	10,500 16.9
15200270	Sourdough C at Sourdough	62°31'46"	145°30'52"	72.7	1970-81	May 1979	78.46	1,270 17.5
15200280	Gulkana R at Sourdough	62°31'15"	145°31'51"	1,770	1973-78	June 2, 1977	10.07	9,170 ---
15200280	Gulkana R at Sourdough	62°31'15"	145°31'51"	1,770	Max. Evident	---	---	16,000 9.0
15201000	Dry C nr Glennallen	62°08'49"	145°28'31"	11.4	1963-81	May 1972	25.88	546 47.9
15201100	Little Nelchina R Tr nr Eureka	61°59'17"	147°00'34"	7.81	1964-81	May 29, 1977	13.30	127 16.3
15201900	Moose C Tr at Glennallen	62°06'32"	145°30'57"	7.11	1963-74	May 1972	22.03	250 35.2
15202000	Tazlina R nr Glennallen	62°03'20"	145°25'34"	2,670	1949-50, 1951-72	Aug. 14, 1962	13.19	60,700* ---
15206000	Klutina R at Copper Center	61°57'10"	145°18'20"	880	1949-66, 1970	June 29, 1953	9.24	9,040 10.3
15207800	Little Tonsina R nr Tonsina	61°28'49"	145°09'05"	22.7	1973-78	July 20, 1977	7.34	214 9.43
15208000	Tonsina R at Tonsina	61°39'41"	145°11'02"	420	1950-54, 1955-81	June 17, 1962	4.91	8,490 20.2
15208100	Squirrel C at Tonsina	61°40'05"	145°10'26"	70.5	1963-81	June 1964	12.64	1,200 17.0
15208200	Rock C nr Tonsina	61°45'32"	145°09'14"	14.3	1966-81	May 29, 1977	10.98	163 11.4
15208500	Fivemile C nr Chitina	61°34'55"	144°26'10"	13.2	1963-69	June 1965	13.49	412 31.2
15209000	Chititu C nr May C	61°22'12"	142°40'50"	30.9	1973-81	Aug. 7, 1981	6.22	970 31.4
15209100	May C nr May C	61°20'42"	142°41'49"	10.4	1973-81	Aug. 7, 1981	6.87	168 16.2
-	McCarthy C nr McCarthy	61°25'18"	142°53'20"	75.7	Miscellaneous	July 1, 1975	---	2,080 27.5
15211500	Tebay R nr Chitina	61°13'55"	144°11'50"	55.4	1962-65	June 9, 1964	3.84	946 17.1
15211700	Strelina C nr Chitina	61°30'40"	144°04'00"	23.8	1971-81	June 30, 1977	10.08	345 14.5
15211900	O'Brien C nr Chitina	61°28'59"	144°27'23"	44.8	1970-80	July 1971	7.32	1,670 37.3
15212000	Copper R nr Chitina	61°27'56"	144°27'71"	20,600	1950, 1952-81	Aug. 8, 1981	37.3	380,000 18.4
15212500	Boulder C nr Tiekkel	61°20'08"	145°18'26"	9.80	1963-81	Aug. 7, 1981	11.72	1,330 136
-	Tiekkel R at Tiekkel	61°19'12"	145°18'33"	93.6	Max. Evident	---	---	3,400 36.3
-	Tsina R nr Ptamigan	61°12'21"	145°13'00"	120	Max. Evident	---	---	20,000* ---
15212800	Ptamigan C Tr nr Valdez	61°08'13"	145°44'30"	0.72	1965-70	Sept. 1965	10.82	85 118
15216000	Power C nr Cordova	60°35'14"	145°37'05"	20.5	1947-81	Sept. 25, 1949	7.65	5,540 270
15216100	Humpback C nr Cordova	61°36'41"	145°40'36"	4.37	1973-75	Sept. 11, 1975	2.53	638 146
15219000	W F Olsen Bay C nr Cordova	60°45'41"	146°10'20"	4.78	1964-81	Sept. 12, 1972	5.30	1,030 215
15219100	Control C nr Cordova	60°45'00"	146°14'00"	4.22	1964-74	Sept. 12, 1972	12.43	1,280 303
15226000	Solomon Gulch nr Valdez	61°04'51"	146°18'12"	19	1948, 1949-56	Sept. 4, 1951	6.50	2,420 127
-	Sheep C nr Valdez	61°07'03"	145°48'48"	31.9	Max. Evident	---	---	9,500* ---
15226600	Lowe R in Keystone Cyn nr Valdez	61°05'24"	145°53'15"	222	1975-76, 1981	Aug. 8, 1981	---	25,000 113
15227500	Mineral C at Valdez	61°08'30"	146°21'42"	44.3	1976-81	Aug. 1976	90.81	5,570 126
15236200	Shakespeare C at Whittier	60°46'35"	148°43'35"	3.05	1969-80	Sept. 13, 1979	12.81	620 203
15236900	Wolverine C nr Lawing	60°22'14"	148°53'48"	9.51	1966-78, 1981	Aug. 21, 1981	6.28	1,810 190
15237000	Nellie Juan R nr Hunter	60°25'20"	148°43'30"	133	1961-65	Sept. 12, 1961	11.33	9,820 78.5
15237020	Main Bay C nr Port Nellie Juan	61°31'08"	148°05'32"	5.93	1980-81	Aug. 20, 1981	3.12	835 141
15237400	Chalmers R nr Cordova	60°13'10"	147°13'30"	6.32	1967-80	Aug. 15, 1979	12.65	3,380 535
15237700	Resurrection R nr Seward	60°08'30"	149°25'00"	169	1964-68	Aug. 21, 1966	10.68	18,900 112
15237800	Bear C Tr nr Seward	60°11'35"	149°20'20"	1.63	1966-68	Sept. 7, 1967	4.11	134 82.2
15238000	Lost C nr Seward	60°11'50"	149°22'30"	7.96	1963-72, 1976	Sept. 20, 1976	---	920 116
15238500	Lowell C at Seward	60°05'55"	149°26'35"	4.02	1965-68	Aug. 21, 1966	---	1,200 298
15238600	Spruce C nr Seward	60°04'10"	149°27'08"	9.26	1966-81	Aug. 21, 1966	10.1	3,090 334
15238795	Seldovia R nr Seldovia	59°23'16"	151°40'31"	26.2	1979	Oct. 23, 1978	10.70	2,110 80.5
15238820	Barbara C nr Seldovia	59°28'50"	151°38'42"	20.7	1972-81	Oct. 22, 1980	4.96	1,310 63.3
15238860	Tutka Lagoon C nr Homer	59°29'59"	151°24'36"	10.8	1974-76	Sept. 17, 1976	7.61	3,020 280
15238990	Upper Bradley R nr Homer	59°42'15"	150°42'15"	10.0	1979-81	Aug. 10, 1980	7.40	2,180 218
15238995	Kachemak C nr Homer	59°43'57"	150°46'09"	54.0	1955, 1957-81	Aug. 10, 1979	9.46	6,020 111
15239000	Bradley R nr Homer	59°45'24"	150°51'02"	54.0	1979-81	July 15, 1981	7.78	609 65.8

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood		Discharge (ft ³ /s) [(ft ³ /s)/mi ²]	
		Latitude	Longitude			Date	Gage height (ft)		
SOUTH-CENTRAL --Continued									
15239500	Fritz C nr Homer	59°42'30"	151°20'35"	10.4	1963-81	Oct. 22, 1980	18.53	852	81.9
15239800	Diamond C nr Homer	59°40'10"	151°40'00"	5.35	1963-81	Oct. 22, 1980	13.96	255	47.7
15239880	Twitter C nr Homer	59°42'54"	151°37'46"	16.1	1971-73	May 15, 1973	4.14	536	33.3
15239900	Anchor R nr Anchor Point	59°44'50"	151°45'11"	137	1965-74	Oct. 23, 1980	8.54	4,680	36.2
15240000	Anchor R at Anchor Point	59°46'21"	151°50'05"	224	1953-66	March 8, 1963	6.36	3,030	13.4
15240500	Cook Inlet Tr nr Ninilchik	59°58'45"	151°43'20"	5.19	1966-80	May 13, 1976	13.86	140	27.0
15241600	Ninilchik R at Ninilchik	60°02'56"	151°39'48"	131	1963-81	Apr. 24, 1974	6.04	1,240	9.5
15242000	Kasilof R nr Kasilof	60°19'05"	151°15'35"	738	1949-77	Aug. 24, 1977	8.06	13,000	17.6
15243500	Snow R nr Divide	60°18'05"	149°14'10"	99.8	1960-65	Sept. 30, 1961	10.3	25,000*	---
15243900	Snow R nr Seward	60°17'11"	149°20'19"	128	Miscellaneous	Aug. 31, 1967	42.6	55,000*	---
15243950	Porcupine C nr Primrose	60°20'30"	149°22'15"	16.8	1963-81	Sept. 20, 1976	12.39	1,750	104
15244000	Ptarmigan C at Lawing	60°24'20"	149°21'45"	32.6	1947-58	June 29, 1953	3.28	980	30.0
15246000	Grant C nr Moose Pass	60°27'25"	149°21'15"	44.2	1947-58	June 28, 1953	4.46	2,230	50.5
15248000	Trail R nr Lawing	60°26'01"	149°22'19"	181	1947-77	Sept. 18, 1967	11.93	7,480	41.3
15250000	Falls C nr Lawing	60°25'50"	149°22'10"	11.8	1913, 1963-70, 1976	Sept. 15, 1966	13.86	693	58.7
15251800	Quartz C at Gilpatricks	60°35'45"	149°32'35"	9.41	1963-70, 1976	Oct. 6, 1969	11.54	633	67.3
15253000	Crescent C nr Moose Pass	60°28'45"	149°34'25"	21.4	1957-60	May 25, 1960	2.81	262	12.2
15254000	Crescent C nr Cooper Landing	60°29'49"	149°40'38"	31.7	1949-81	Oct. 9, 1969	12.73	1,500	47.3
15258000	Kenai R at Cooper Landing	60°29'34"	149°48'28"	634	1947-81	Sept. 21, 1974	17.18	23,100*	36.4
15260000	Cooper C nr Cooper Landing	60°26'00"	149°49'15"	31.8	1949-59	June 29, 1953	4.02	729	22.9
15260500	Stetson C nr Cooper Landing	60°26'30"	149°51'05"	8.6	1958-63	Sept. 12, 1961	3.00	291	33.8
15261000	Cooper C at mouth nr Cooper L	60°28'30"	149°52'30"	48.0	1957-64	Sept. 21, 1961	2.11	841	17.5
15264000	Russian R nr Cooper Landing	60°27'10"	149°59'05"	61.8	1947-54	Nov. 24, 1952	4.75	1,280	20.7
15266300	Kenai R at Soldotna	60°28'39"	151°04'46"	2,010	1965-81	Sept. 9, 1977	13.45	33,700	16.8
15266500	Beaver C nr Kenai	60°33'50"	151°07'03"	51.0	1968-81	May 8, 1972	10.55	598	11.7
15267000	Bishop C nr Kenai	60°46'35"	151°05'45"	24.2	1977-79	Apr. 29, 1979	---	150	6.2
15267900	Resurrection C nr Hope	60°53'40"	149°38'13"	149	1968-76	July 12, 1980	8.71	3,380	22.7
15268000	Resurrection C at Hope	60°55'15"	149°38'40"	162	1949-51	June 20, 1950	2.80	2,140	13.2
15269500	Granite C nr Portage	60°43'40"	149°17'00"	28.2	1967-80	Oct. 6, 1969	12.46	2,040	72.3
15270100	Fresno C nr Sunrise	60°40'15"	149°28'35"	6.03	1963-70	June 1969	10.58	135	22.4
15270400	Donaldson C nr Wibel	60°45'40"	149°27'20"	4.07	1963-72	Sept. 1967	10.46	170	41.8
15271000	Sixmile C nr Hope	60°49'15"	149°25'31"	234	1979-81	July 12, 1980	13.22	8,070	34.5
15271900	Cub C nr Sunrise	60°52'12"	149°26'02"	1.80	1965-81	Sept. 1967	12.09	54	30.0
15272500	Turnagain Arm Tr nr Girdwood	60°55'27"	149°07'40"	0.44	1965-68	Sept. 18, 1967	13.14	69	157
15272530	California C at Girdwood	60°57'53"	149°08'02"	6.96	1967-81	Oct. 6, 1969	20.20	600	86.2
15272550	Glacier C at Girdwood	60°56'29"	149°09'44"	62.0	1965-78	Sept. 18, 1967	7.90	7,710	124
15272800	Rainbow C nr Anchorage	61°00'03"	149°38'57"	4.18	1965-67	Sept. 1967	12.13	130	31.1
	Rabbit C nr Anchorage	61°03'12"	149°37'21"	2.13	Miscellaneous	June 23, 1977	---	398+	---
15273050	Rabbit C at Anchorage	61°04'54"	149°49'30"	15.0	1979-80	June 27, 1980	1.87	260	17.3
15273095	Little Rabbit C ab Goldenview Dr. at Anchorage	61°04'58"	149°45'41"	5.06	1980-81	Aug. 15, 1981	1.57	97	19.2
15273102	Little Rabbit C at Anchorage	61°04'37"	149°48'47"	5.94	1979-80	June 26, 1979	1.00	62	10.4
15273900	S F Campbell C at Canyon Mouth	61°08'52"	149°43'12"	25.2	1967-79, 1981	Aug. 12, 1981	4.21	476	13.6
15274000	S F Campbell C nr Anchorage	61°09'57"	149°46'15"	30.4	1947-72	June 21, 1949	3.30	891	29.3
15274300	N F Campbell C nr Anchorage	61°10'10"	149°45'43"	13.4	1967-76	Aug. 9, 1971	12.18	107	7.99
15274550	Little Campbell C at Nathan Dr. nr Anchorage	61°09'13"	149°52'18"	15	1981	Aug. 15, 1981	---	21	1.40
15274600	Campbell C nr Spenard	61°08'17"	149°55'20"	69.7	1966-81	Aug. 13, 1981	3.54	451	6.04
15274798	S B of S F Chester C nr E. 20th Avenue at Anchorage	61°12'21"	149°42'22"	---	1981	Aug. 16, 1981	5.11	20	---
15274800	S B of S F Chester C nr Anchorage	61°12'37"	149°43'57"	10.8	1967-78	Aug. 9, 1971	11.29	44	4.07
15275000	Chester C at Anchorage	61°11'59"	149°50'07"	20.0	1958-76	Apr. 29, 1963	2.40	95	4.75
15275100	Chester C at Arctic Blvd.	61°12'19"	149°53'43"	27.2	1966-81	Sept. 24, 1981	4.98	198	6.4
15274600	Campbell C nr Spenard	61°08'17"	149°55'20"	69.7	1966-81	Aug. 13, 1981	3.54	451	6.04
15274798	S B of S F Chester C nr E. 20th Avenue at Anchorage	61°12'21"	149°42'22"	---	1981	Aug. 16, 1981	5.11	20	---
15274800	S B of S F Chester C nr Anchorage	61°12'37"	149°43'57"	10.8	1967-78	Aug. 9, 1971	11.29	44	4.07
15275000	Chester C at Anchorage	61°11'59"	149°50'07"	20.0	1958-76	Apr. 29, 1963	2.40	95	4.75
15275100	Chester C at Arctic Blvd.	61°12'19"	149°53'43"	27.2	1966-81	Sept. 24, 1981	4.98	198	6.4
15276000	Ship C nr Anchorage	61°13'25"	149°37'55"	90.5	1947-81	June 21, 1949	3.44	1,860	20.6
15276500	Ship C at Elmendorf AFB	61°14'20"	149°47'24"	113	1963-71	Aug. 9, 1971	4.89	1,610	14.2
15276570	Ship C bl power plant at Elmendorf AFB	61°13'29"	149°50'39"	115	1970-80	Aug. 9, 1971	---	1,600	13.9
15277100	Eagle R at Eagle R	61°18'28"	149°33'32"	192	1965-80	Sept. 18, 1967	9.49	6,240	32.5
15277200	Meadow C at Eagle R	61°19'14"	149°32'11"	7.43	1965-74	Aug. 9, 1971	12.66	184	24.8
15277400	Peters C nr Chugiak	61°24'18"	149°27'25"	83.3	Miscellaneous	Aug. 9, 1971	---	1,990	23.9
15277410	Peters C nr Birchwood	61°25'08"	149°29'20"	87.8	1973-80	Sept. 16, 1980	5.73	1,200	13.7
15277600	E F Eklutna C nr Palmer	61°18'40"	148°57'05"	38	1960-62	Sept. 12, 1961	3.86	1,320	34.7
15277800	W F Eklutna C nr Palmer	61°18'00"	148°58'25"	26	1960-62	Aug. 29, 1962	3.84	1,470	56.5
15280000	Eklutna C nr Palmer	61°24'15"	149°08'30"	119	1946-59	Sept. 18, 1951	6.10	2,530	21.2

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Date	Maximum known flood		
		Latitude	Longitude				Gage height (ft)	Discharge (ft ³ /s)	[(ft ³ /s)/mi ²]
SOUTH-CENTRAL--Continued									
15281000	Knik R nr Palmer	61°30'18"	149°01'50"	1,180	1935-80	July 18, 1958	24.30	355,000*	---
15281500	Camp C nr Sheep Mountain Lodge	61°50'20"	147°24'31"	1.09	1965-71	Aug. 10, 1971	10.54	30	27.5
15282000	Caribou C nr Sutton	61°48'12"	147°40'57"	289	1955-78	June 15, 1973	7.18	8,720	30.2
15282200	Hicks C nr Sutton	61°47'40"	147°56'00"	47.7	1963-65	June 1964	13.30	1,200	25.2
15282300	Pinochle C nr Sutton	61°47'37"	147°55'46"	7.99	1965-71	Aug. 1971	8.90	20	2.50
15282400	Puritan C nr Sutton	61°48'42"	148°08'01"	8.51	1963-80	Aug. 17, 1979	7.60	100	11.8
-	Kings R nr Sutton	61°43'58"	148°44'52"	151	Miscellaneous	Aug. 10, 1971	---	9,800	64.9
-	Granite C nr Sutton	61°46'46"	148°50'12"	52.5	Miscellaneous	Aug. 10, 1971	---	58,600+	---
15283500	Eska C nr Sutton	61°43'44"	148°54'31"	13.4	1965-69, 1971-81	Aug. 10, 1971	26.82	1,680	125
-	Moose C nr Sutton	61°43'32"	149°03'00"	40.7	Miscellaneous	Aug. 10, 1971	---	18,000	442
15284000	Matanuska R at Palmer	61°36'34"	149°04'16"	2,070	1949-74	Aug. 10, 1971	13.60	82,100+	39.7
15285000	Wasilla C nr Palmer	61°38'47"	149°11'45"	16.8	1971, 1976-81	Aug. 10, 1971	16.60	700	36.3
15286000	Cottonwood C nr Wasilla	61°34'30"	149°24'35"	28.5	1949-54	July 5,6, 1949	---	55	1.93
15289800	Fishhook C nr Palmer	61°45'02"	149°13'40"	8.52	1963-66	Aug. 23, 1963	12.97	960	113
15290000	Little Susitna R nr Palmer	61°42'32"	149°13'36"	61.9	1948-81	Aug. 10, 1971	---	7,840	127
15291000	Susitna R nr Denali	63°06'14"	147°30'57"	950	1957-66, 1967-81	Aug. 10, 1971	13.32	38,200	40.2
15291100	Raft C nr Denali	63°03'04"	147°16'22"	4.33	1963-81	June 1964	11.72	133	30.7
15291200	MacLaren R nr Paxson	63°07'10"	146°31'45"	280	1958-81	Aug. 11, 1971	8.24	9,260	33.1
16291500	Susitna R nr Cantwell	62°41'57"	147°32'40"	4,140	1961-72, 1980	Aug. 10, 1971	---	55,000	13.3
15292000	Susitna R at Gold C	62°46'04"	149°41'28"	6,160	1949-81	June 7, 1964	16.58	90,700	14.7
15292400	Chulitna R nr Talkeetna	62°33'31"	150°14'02"	2,570	1958-76	July 20, 1967	22.48	75,900	29.5
15292700	Talkeetna R nr Talkeetna	62°20'49"	150°01'01"	2,006	1964-81	Aug. 10, 1971	16.35	67,400	33.6
15292780	Susitna R nr Sunshine	62°10'35"	150°10'18"	11,500	Miscellaneous	Aug. 10, 1971	62.0	200,000	17.4
15292800	Montana C nr Montana	62°06'32"	150°03'12"	164	1963-72	Aug. 10, 1971	12.96	6,970	42.5
15292900	Goose C nr Montana	62°03'42"	150°03'20"	14.5	1963-71	June 1964	11.94	530	36.5
15293000	Caswell C nr Caswell	61°56'55"	150°03'14"	19.6	1963-76	Sept. 1965	12.89	207	10.6
15294005	Willow C nr Willow	61°46'49"	149°52'44"	166	1978-81	July 28, 1980	5.97	4,450	26.8
15294010	Deception C nr Willow	61°44'52"	149°55'59"	48.0	1978-81	June 21, 1980	8.44	751	15.6
15294025	Moose C nr Talkeetna	62°19'00"	150°26'30"	52.3	1972-81	July 10,11,1981	28.5	2,500	47.8
15294100	Deshka R nr Willow	61°46'05"	150°20'16"	592	1978-81	Nov. 3, 1979	8.16	9,920	16.8
15294300	Skwentna R nr Skwentna	61°52'23"	151°22'01"	2,250	1959-81	June 9, 1977	15.09	51,600	22.9
15294345	Yentna R nr Susitna Station	61°41'55"	150°39'02"	6,180	1980-81	Aug. 13, 1981	18.61	116,000	18.8
15294350	Susitna R at Susitna Station	61°32'41"	150°30'45"	19,400	1974-81	Aug. 16, 1981	20.27	230,000	11.9
15294410	Capps C Bl nr Capps C nr Tyonek	61°19'46"	151°39'56"	10.5	1979-81	June 25, 1980	6.95	710	67.6
15294450	Chuitna R nr Tyonek	61°06'31"	151°15'07"	131	1975-81	Nov. 11, 1979	9.87	7,620	58.2
15294500	Chakachatna R nr Tyonek	61°12'44"	152°21'26"	1,120	1959-73	Aug. 11, 1971	---	470,000*	---
15295500	Little Kitoi C nr Afognak	58°11'45"	152°21'55"	2.63	1960-61	Jan. 20, 1961	2.64	42	16.0
16295600	Terror R nr Kodiak	57°39'10"	153°01'30"	15.0	1962-68, 1978-81	Oct. 21, 1980	7.87	3,400	227
15295700	Terror R at mouth nr Kodiak	57°41'50"	153°10'10"	46.0	1964-68	Sept. 26, 1966	6.48	3,820	83.0
15296000	Uganik R nr Kodiak	57°41'06"	153°25'10"	123	1951-78	Oct. 3, 1952	10.65	13,700	111
15296300	Spirandon L O nr Larsen Bay	57°40'40"	153°39'00"	23.3	1962-65	Mar. 27, 1964	1.72	189	8.11
15296480	Larsen Bay C nr Larsen Bay	57°30'57"	153°59'08"	3.92	1980-81	Oct. 21, 1981	4.92	60	15.3
15296500	Falls C nr Larsen Bay	57°16'30"	153°59'03"	5.67	1974-75	Sept. 25, 1975	2.73	174	30.7
15296520	Canyon C nr Larsen Bay	57°17'00"	153°58'52"	8.82	1974-76	Sept. 17, 1976	2.31	450	51.0
15296550	Upper Thumb R nr Larsen Bay	57°21'03"	153°58'04"	18.8	1974-80	Oct. 21, 1980	3.64	988	52.6
15296600	Karluk R at outlet nr Larsen Bay	57°26'37"	154°06'42"	100	1975-80	Nov. 11, 1979	2.33	1,760	17.6
15296950	Akalura C at Olga Bay	57°10'00"	154°13'35"	18.4	1975-76	Sept. 22, 1975	1.72	166	9.0
15297000	Dog Salmon C nr Ayakulik	57°12'30"	154°04'15"	72.9	1960-61	Sept. 24, 1961	2.08	777	10.6
15297200	Myrtle C nr Kodiak	57°36'12"	152°24'12"	4.74	1963-81	Jan. 3, 1977	6.93	1,350	285
15297300	Kalsin Bay Tr nr Kodiak	57°35'25"	152°25'55"	2.35	1963-69	Sept. 14, 1969	13.20	250	106
15297450	M F Pillar C nr Kodiak	57°47'58"	152°27'00"	2.02	1968-70	June 8, 1969	2.14	364	180
15297470	Monashka C nr Kodiak	57°50'34"	152°26'44"	5.51	1972-76	Aug. 3, 1972	9.81	562	102
15297482	Falls C nr Port Lions	57°40'08"	152°56'00"	4.3	1980-81	Sept. 14, 1981	6.20	858	200
15297475	Red Cloud C Tr nr Kodiak	57°49'00"	152°37'20"	1.51	1963-81	June 8, 1969	12.52	690	457
15297485	Kizhuyak R nr Port Lions	57°42'38"	152°52'06"	27.5	1980-81	Sept. 26, 1981	10.65	5,430	197
SOUTHWEST									
15297640	Limpet C on Amchitka Island	51°31'31"	178°58'23"	1.69	1967-72	Mar. 18, 1971	3.86	93	55.0
15297650	Falls C on Amchitka Island	51°30'00"	179°01'00"	0.86	1968-72	Jan.11,Aug.26,1969	1.52	24	27.9
15297655	Clevenger C on Amchitka Island	51°24'34"	179°11'00"	0.28	1968-73	Aug. 10, 1969	4.19	18	64.3
15297680	Bridge C on Amchitka Island	51°26'54"	179°10'57"	3.03	1967-74	July 27, 1974	5.31	84	27.7
15297690	White Alice C on Amchitka Island	51°28'39"	179°07'29"	0.79	1968-74	Aug. 5, 1970	2.80	96	122
15297767	Lake C at Shemya AFB	52°42'56"	174°05'39"	1.0	1970-72	Mar. 6, 1971	1.24	10	10.2
15297773	Gallery C at Shemya AFB	52°42'42"	174°07'18"	1.0	1970-72	Aug. 20, 1971	1.65	12	12.1
15297900	Eskimo C at King Salmon	58°41'08"	156°40'08"	16.1	1964-81	June 1967	8.51	227	14.1
15298000	Tanalian R nr Port Alsworth	60°11'20"	154°15'30"	200	1951-56	June 28, 1953	5.17	4,720	23.6
15299900	Taziminia R nr Nondalton	59°55'05"	154°39'34"	327	1981	Aug. 3, 1981	3.93	3,260	10.0

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood			
		Latitude	Longitude			Date	Gage height (ft)	Discharge (ft ³ /s)	[(ft ³ /s)/mi ²]
SOUTHWEST --Continued									
15300000	Newhalen R nr Iliamna	59°51'34"	154°52'24"	3,478	1951-67, 1969-77	Aug. 16, 1971	10.68	44,200	12.7
15300100	Bear C nr Iliamna	59°49'28"	154°52'56"	2.59	1964-69	May 1965	10.90	58	22.4
15300200	Roadhouse C nr Iliamna	59°45'26"	154°50'49"	20.8	1973-81	Aug. 1980	12.38	280	13.5
15300500	Kvichak R at Igiugig	59°19'44"	155°53'57"	6,500	1967-80	Sept. 12, 1980	23.64	48,700	7.5
15301500	Allen R nr Aleknagik	60°09'00"	158°44'00"	278	1963-66	Sept. 16, 1965	15.79	7,930	28.5
15302000	Nuyakuk R nr Dillingham	59°56'04"	158°11'05"	1,490	1953-80	July 2, 1977	10.49	32,200	21.6
15302500	Nushagak R at Ekwok	59°20'57"	157°28'23"	9,850	1977-81	Oct. 12, 1977	10.64	87,100	8.8
15302800	Grant L O nr Aleknagik	59°48'00"	158°34'00"	34.3	1960-65	June 1, 1965	---	960	28.0
15302840	Elva L O nr Aleknagik	59°36'15"	159°06'50"	9.00	1979-81	June 15, 1980	5.4	360	40.0
15302900	Moody C at Aleknagik	59°16'34"	158°35'42"	1.28	1968-81	June 7, 1971	19.60	55	43.0
15303000	Wood R nr Aleknagik	59°16'30"	158°35'37"	1,110	1957-70, 1972	June 1972	13.83	25,000	22.5
15303010	Silver Salmon C nr Aleknagik	59°13'34"	158°40'21"	4.46	1964-81	June 12, 1967	11.85	340	76.2
15303100	East C nr Dillingham	59°11'39"	158°49'17"	2.12	1973-75	Sept. 17, 1975	5.94	41	19.3
15303150	Snake R nr Dillingham	59°08'54"	158°53'14"	113	1973-80	June 17, 1977	6.81	2,470	21.9
15303600	Kuskokwim R at McGrath	62°57'10"	155°35'11"	11,700	1963-73	June 6, 1964	26.02	70,000	6.0
15304000	Kuskokwim R at Crooked C	61°52'16"	158°06'03"	31,100	1951-80	June 5, 1964	25.74	392,000	12.6
15304200	Kisarlik R nr Akiak	60°21'10"	159°55'00"	270	1979-81	June 5, 1980	8.95	4,710	17.4
YUKON									
15305900	Dennison F nr Tetlin Jct	63°25'24"	142°29'00"	2.93	1963-81	July 1964	16.29	128	43.7
15305920	W F Tr nr Tetlin Jct	63°40'03"	142°16'00"	1.02	1966-81	July 13, 1973	14.02	102	100
15305950	Taylor C nr Chicken	63°54'27"	142°12'58"	38.4	1966-76	July 13, 1973	15.25	600	15.6
15341900	N F King Solomon C nr Eagle	64°32'12"	141°15'00"	18.5	1963-69, 1974-80	May 22, 1980	20.63	250	13.5
15344000	King C nr Dome C	64°23'28"	141°24'36"	5.99	1975-81	May 1979	13.40	159	26.5
15348000	Fortymile R nr Steel C	64°18'33"	141°24'08"	5,880	1910-12, 1964, 1975-81	June 1964	34.5	84,000	14.3
15356000	Yukon R at Eagle	64°47'22"	141°11'52"	113,500	1911-13, 1950-81	June 12, 1964	33.85	545,000	4.8
15365000	Discovery F American C nr Eagle	64°39'40"	141°18'00"	5.53	1963-73	Aug. 7, 1972	11.29	52	9.4
15367500	Bluff C nr Eagle	64°45'08"	141°13'41"	3.38	1963-73	June 1970	11.68	41	12.1
-	Coleen R nr Rampart House	67°53'46"	142°07'16"	1,700	Max. Evident	---	---	20,000	11.8
-	Strangle Woman C nr Rampart House	67°53'34"	141°51'06"	246	Max. Evident	---	---	1,900	7.7
-	Monument C nr Arctic Village	68°04'11"	143°50'36"	101	Max. Evident	---	---	6,400	63.4
-	Sheenjek R nr Arctic Village	67°57'15"	143°16'54"	2,230	Max. Evident	---	---	18,000	8.1
15389000	Porcupine R nr Fort Yukon	66°59'26"	143°08'16"	29,500	1964-79	May 24, 1973	33.68	299,000	10.1
-	Cane C nr mouth nr Arctic Village	68°39'39"	144°54'11"	116	Max. Evident	---	---	5,600	48.3
-	E F Chandalar R blw Cane C nr Arctic Village	68°37'09"	144°55'18"	627	Max. Evident	---	---	19,000	30.3
15389500	Chandalar R nr Venetie	67°05'49"	147°11'04"	9,330	1963-74	June 9, 1968	19.57	62,800	6.7
15393900	N F Twelvemile C nr Miller House	65°24'03"	145°44'18"	23.2	1963-69	Aug. 13, 1967	14.4	1,710	73.7
15438500	Bedrock C nr Central	65°33'28"	145°05'26"	9.94	1964-74	Aug. 13, 1967	15.73	405	40.7
15439800	Boulder C nr Central	65°34'05"	144°53'13"	31.3	1963-81	Aug. 13, 1967	9.52	1,150	36.7
-	Big Mosquito C nr Central	65°36'10"	144°34'10"	3.51	Miscellaneous	Aug. 13, 1967	---	142	40.5
15442500	Quartz C nr Central	65°37'09"	144°28'55"	17.2	1967, 1969-79	Aug. 1976	22.06	500	29.1
15446000	Birch C nr Central	65°43'00"	144°20'00"	2,150	Miscellaneous	Aug. 14, 1967	---	84,000	39.1
15453500	Yukon R nr Stevens Village	65°52'36"	149°43'04"	196,300	1976-81	June 9, 1977	54.49	670,000	3.4
15453610	Ray R Tr nr Stevens Village	65°56'57"	150°55'00"						
15457700	Erickson C nr Livengood	65°34'30"	148°56'18"	26.3	1973-81	May 31, 1977	21.10	860	32.7
15457800	Hess C nr Livengood	65°39'55"	149°05'47"	662	1970-78	May 13, 1975	66.78	10,000	15.1
15468000	Yukon R at Rampart	65°30'25"	150°10'15"	199,400	1955-67	June 15, 1964	49.98	950,000	4.8
15469900	Silver C nr Northway Jct	62°59'01"	141°40'07"	11.7	1963-72	July 11, 1964	16.25	355	30.3
15470000	Chisana R at Northway Jct	63°00'23"	141°48'17"	3,280	1949-71	June 28, 1964	13.18	12,000	3.7
15470300	Little Jack C nr Nabesna	62°32'47"	153°19'30"	6.73	1975-81	Sept. 11, 1975	16.92	171	25.4
15470330	Chalk C nr Nabesna	62°30'19"	143°09'24"	14.8	1975-81	Aug. 10, 1978	18.00	360	24.3
15470340	Jack R nr Nabesna	62°27'52"	143°06'18"	115	1975-81	July 1977	20.85	1,500	13.0
15471000	Bitters C nr Northway Jct	63°09'38"	142°05'20"	15.4	1964-81	June 1964	17.54	1,010	65.6
15471500	Tanana R Tr nr Tetlin Jct	63°16'45"	142°30'27"	2.43	1965-81	June 1973	13.01	45	18.5
15472000	Tanana R nr Tok Jct	63°19'00"	142°38'30"	6,800	1950-53	Aug. 7, 1953	9.00	35,700	5.2
15473000	Bartell C nr Mentasta	62°55'45"	143°34'30"	12.0	1964-69	June 1966	---	88	7.3
15473600	Log Cabin C nr Log Cabin Inn	63°01'48"	143°20'36"	10.7	1965-81	June 3, 1975	11.70	350	32.7
15473950	Clearwater C nr Tok	63°10'19"	143°12'03"	37.5	1963-81	June 27, 1968	18.39	1,040	28.6
15474000	Tok R nr Tok Jct	63°19'30"	142°50'05"	930	1951-54	June 16, 1952	6.83	3,830	4.1
15476000	Tanana R nr Tanacross	63°23'18"	143°44'47"	8,550	1953-81	June 19, 1962	11.65	39,100	4.6
15476049	Tanana R Tr nr Cathedral Rapids	63°24'24"	143°48'28"	3.09	1970, 1972-81	July 7, 1970	15.38	332	107
15476050	Tanana R Tr nr Tanacross	63°24'27"	143°47'54"	3.32	1963-72	July 7, 1970	12.69	298	89.5
15476200	Tanana R Tr nr Dot Lake	63°41'40"	144°17'40"	11.0	1964-80	July 1964	12.70	146	13.3

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Date	Maximum known flood		
		Latitude	Longitude				Gage height (ft)	Discharge (ft ³ /s)	[(ft ³ /s)/mi ²]
YUKON --Continued									
15476300	Berry C nr Dot Lake	63°41'23"	144°21'47"	65.1	1963-81	July 19, 1964	15.43	2,800	43.0
15476400	Dry C nr Dot Lake	63°41'32"	144°34'16"	57.6	1963-81	July 10, 1964	16.20	2,200	38.2
15477500	Clearwater C nr Delta Jct	64°03'22"	145°26'16"	360	1977-79	Aug. 30, 1979	12.28	830	2.31
15478000	Tanana R at Big Delta	64°09'20"	145°51'00"	13,500	1948-57	July 29, 1949	23.57	62,800	4.6
15478010	Rock C nr Paxson	63°04'16"	146°06'17"	50.3	1963-81	June 1977	12.68	1,800	35.8
15478040	Phelan C nr Paxson	63°14'27"	145°28'03"	12.2	1966-78	Aug. 13, 1967	11.51	2,320	190
15478050	McCallum C nr Paxson	63°13'27"	145°38'56"	15.5	1966-81	Aug. 13, 1967	12.12	1,010	65.2
-	Flood C nr Rapids	63°26'42"	145°48'06"	3.30	Max. Evident	---	---	1,500	455
15478500	Ruby C nr Donnelly	63°37'52"	145°53'03"	5.32	1963-80	June 18, 1977	13.26	400	75.2
15480000	Banner C at Richardson	64°17'24"	146°20'56"	20.2	1963-81	1966	13.55	732	36.2
15484000	Salcha R nr Salchaket	64°28'22"	146°55'26"	2,170	1909-10, 1948-81	Aug. 14, 1967	21.78	97,000	44.7
-	Little Salcha R nr Salchaket	64°30'50"	146°58'10"	67.4	Miscellaneous	Aug. 13, 1967	---	1,900	28.2
15485000	Moose C at Eielson AFB	64°42'50"	147°06'45"	136	1964-65	June 14, 1965	7.88	370	2.7
15485200	Garrison Slough at Eielson AFB	64°42'15"	147°07'05"	6.24	1964-65	Apr. 18, 1965	4.45	51	8.2
15485500	Tanana R at Fairbanks	64°47'54"	147°46'32"	---	1973-81	Aug. 16, 1967	34.4	125,000	---
15490000	Monument C at Chena Hot Springs	65°03'17"	146°03'05"	26.7	1970-81	Aug. 13, 1967	29.10	1,490	55.1
15493000	Chena R nr Two Rivers	64°53'55"	146°24'42"	941	1967-81	May 12, 1975	21.05	16,800	17.9
-	Potlatch C nr Two Rivers	64°52'14"	147°03'00"	3.49	Miscellaneous	Aug. 12, 1967	---	40	11.5
-	Chena R ab Little Chena R nr Eielson AFB	64°50'45"	146°57'55"	1,370	Miscellaneous	Aug. 13, 14, 1967	---	105,000	76.6
15493500	Chena R nr North Pole	64°47'47"	147°11'56"	1,430	1972-81	May 14, 1975	14.18	12,300	8.6
15493700	Chena R below Moose C Dam	64°48'03"	147°13'40"	1,430	1979-81	July 13, 1981	42.71	5,930	4.1
15511000	Little Chena R nr Fairbanks	64°53'10"	147°14'50"	372	1966-81	Aug. 13, 1967	31.95	17,000	45.7
15511500	Steele C nr Fairbanks	64°53'36"	147°29'12"	10.7	1967, 1970-74	Aug. 12, 1967	11.23	340	31.8
15514000	Chena R at Fairbanks	64°50'45"	147°42'04"	1,980	1947-81	Aug. 15, 1967	18.82	74,400	37.6
15514005	Isabella C nr Fairbanks	64°53'10"	147°40'30"	4.56	Miscellaneous	Aug. 12, 1967	---	160	35.1
15514500	Wood R nr Fairbanks	64°26'06"	148°12'46"	855	1968-78	Aug. 13, 1976	8.98	5,510	6.4
15515500	Tanana R at Nenana	64°33'55"	149°05'30"	25,600	1962-81	Aug. 18, 1967	18.90	186,000	7.27
15515800	Seattle C nr Cantwell	63°19'32"	148°14'49"	36.2	1963-81	June 1964	8.05	3,100	85.6
15515900	Lily C nr Cantwell	63°19'54"	148°16'16"	5.63	1965-80	June 1966	12.08	191	33.9
15516000	Nenana R nr Windy	63°27'28"	148°48'11"	710	1950-56, 1953-80	June 15, 1962	9.84	11,900	16.8
15516100	Nenana R Tr nr Cantwell	63°27'50"	148°48'25"	1.62	1965-70	July 1967	---	20	12.3
15516200	Slime C nr Cantwell	63°30'34"	148°48'39"	6.90	1965-81	July 1966	14.52	685	99.3
15518000	Nenana R nr Healy	63°50'43"	148°56'37"	1,910	1950-79	July 25, 1967	13.40	46,800	24.5
15518100	Little Panguingue C nr Lignite	63°56'05"	149°06'00"	3.44	1965-74	Aug. 12, 1967	14.13	151	43.9
15518200	Rock C nr Ferry	64°01'56"	149°08'40"	8.17	1964-80	June 18, 1980	13.90	938	115
15518250	Birch C nr Rex	64°10'35"	149°17'26"	4.10	1964-81	Aug. 12, 1967	14.74	464	113
15518300	Nenana R nr Rex	64°13'05"	149°16'40"	2,450	1964-68	July 25, 1967	14.85	63,000	25.7
15518350	Teklanika R nr Lignite	63°55'14"	149°29'51"	490	1964-74	July 25, 1967	12.51	33,100	67.6
15518400	Tanana R Tr nr Nenana	64°38'27"	149°00'34"	0.58	1965-69	May 1967	12.01	18	31.0
-	Tolovana R nr Livngood	65°28'20"	148°15'50"	140	Miscellaneous	Aug. 12, 13, 1967	---	12,000	85.7
15519000	Bridge C nr Livngood	65°27'52"	148°15'13"	12.6	1963-72	Aug. 1964	17.60	1,070	85.0
-	W F Tolovana R nr Livngood	65°28'05"	148°38'35"	291	Miscellaneous	Aug. 13, 1967	---	2,290	7.9
15519200	Brooks C Tr nr Livngood	65°23'02"	148°56'12"	7.81	1964-81	May 1975	13.27	168	21.5
15520000	Idaho C nr Miller House	65°21'13"	146°09'33"	5.31	1963-76, 1981	July 1964	16.00	813	15.3
15530000	Faith C nr Chena Hot Springs	65°17'32"	146°22'48"	61.1	1911-12, 1963-72	Aug. 14, 1967	15.15	4,950	81.0
-	Chatanika R nr Chatanika	65°14'00"	146°52'00"	244	Miscellaneous	Aug. 13, 1967	---	19,600	80.3
15534900	Poker C nr Chatanika	65°09'32"	147°28'49"	23.1	1971-78	May 12, 1975	9.3	240	10.4
15535000	Caribou C nr Chatanika	65°09'00"	147°33'05"	9.19	1969-81	July 11, 1981	3.41	161	17.5
-	Chatanika R nr Olmes	65°05'20"	147°43'00"	528	Miscellaneous	Aug. 13, 14, 1967	---	25,000	47.3
-	Rose C nr Fox	64°58'23"	147°30'50"	2.00	Miscellaneous	Aug. 13, 1967	---	104	52.0
-	Little Goldstream C nr Nenana	64°40'00"	148°56'40"	40.8	Miscellaneous	Aug. 12-14, 1967	---	1,490	36.5
-	Tatlina R nr Livngood	65°19'45"	148°18'25"	80.8	Miscellaneous	Aug. 12-14, 1967	---	3,560	44.1
15541600	Globe C nr Livngood	65°17'08"	148°07'56"	23.0	1964-81	Aug. 12, 1967	17.05	1,240	53.9
15541650	Globe C Tr nr Livngood	65°16'31"	148°06'58"	9.01	1963-72	Aug. 12, 1967	15.35	490	54.4
15541800	Washington C nr Fox	65°09'04"	147°55'22"	46.7	1963-72	Aug. 14, 1967	18.29	2,500	53.5
15564500	New York C nr Ruby	64°34'45"	155°26'00"	6.99	1964-67	Sept. 1965	10.84	72	10.3
15564600	Melozitna R nr Ruby	64°47'34"	155°33'39"	2,693	1961-73	Sept. 3, 1962	9.40	28,200	10.5
15564800	Yukon R at Ruby	64°44'28"	155°29'22"	259,000	1956-78	June 20, 1964	35.40	970,000	3.7
-	Snowden C nr Dietrich Camp	67°44'20"	149°45'00"	16.7	Max. Evident	---	---	1,200	71.9
15564868	Snowden C nr Wiseman	67°44'16"	149°45'10"	16.7	1977-81	July 4, 1977	25.60	445	26.6
-	Dietrich R at Bettles R	67°38'40"	149°42'50"	349	Max. Evident	---	---	6,400	18.3
-	Hammond R nr Wiseman	67°27'50"	150°01'40"	244	Max. Evident	---	---	5,400	22.1
15564872	Nugget C nr Wiseman	67°29'25"	149°52'20"	9.47	1975-81	1977	16.42	167	17.6
15564875	M F Koyukuk R nr Wiseman	67°26'18"	150°04'30"	1,426	1970-80	May 31, 1977	10.66	19,100	13.4
15564875	M F Koyukuk R nr Wiseman	67°26'18"	150°04'30"	1,426	Max. Evident	---	---	33,000	23.1

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood			
		Latitude	Longitude			Date	Gage height (ft)	Discharge (ft ³ /s)	[(ft ³ /s)/mi ²]
YUKON --Continued									
15564877	Wiseman C at Wiseman	67°24'38"	150°06'21"	49.2	1970-79	June 6, 1976	5.16	686	13.9
15564884	Prospect C nr Prospect Camp	66°46'56"	150°41'06"	110	1968, 1975-81	June 1, 1968	---	6,800	61.8
-	Jim R at Bridge No. 3	66°53'05"	150°31'18"	223	Max. Evident	---	---	13,000	58.3
15564885	Jim R nr Bettles	66°47'10"	150°52'23"	465	1970-77	June 1, 1977	---	12,800	27.5
15564885	Jim R nr Bettles	66°47'10"	150°52'23"	465	Max. Evident	---	---	21,000	45.2
15564887	Bonanza C Tr nr Prospect Camp	66°36'52"	150°41'24"	11.7	1975-81	May 10, 1975	19.28	220	18.8
15564900	Koyukuk R at Hughes	66°02'51"	154°15'30"	18,700	1960-81	June 6, 1964	31.09	266,000	14.2
15565200	Yukon R nr Kaltag	64°19'40"	158°43'10"	296,000	1956-66	June 22, 1964	26.44	1,030,000	3.5
15565235	Ophir C nr Takotna	63°08'42"	156°31'15"	6.19	1976-80	May 18, 1977	4.70	360	58.2
15565447	Yukon R at Pilot Station	61°56'04"	162°52'50"	321,000	1976-81	May 23, 1976	30.2	700,000	2.2
NORTHWEST									
15585000	Goldengate C nr Nome	64°26'03"	165°02'46"	1.55	1965-67, 1976-81	Sept. 8, 1965	11.70	63	40.6
15619000	Dexter C nr Nome	64°35'11"	165°16'39"	2.99	1978-	June 22, 1978	16.18	64	21.4
15621000	Snake R nr Nome	64°33'51"	165°30'26"	85.7	1965-81	June 2, 1966	11.90	4,200	49.0
15624998	Arctic C ab tr nr Nome	64°38'16"	165°42'42"	1.13	1975-	July 10, 1975	---	117	104
15625000	Arctic C nr Nome	64°38'15"	165°42'46"	1.76	1967-78	July 10, 1975	---	199	113
15633000	Washington C nr Nome	64°42'52"	165°49'13"	6.34	1964-81	July 10, 1975	19.35	620	97.8
15668000	Kruzgampa R nr Iron C	64°55'00"	164°57'20"	84	1908-10	Sept. 8, 1910	---	4,300	51.2
15668100	Star C nr Nome	64°55'40"	164°57'39"	3.78	1964-81	July 30, 1972	13.30	152	40.2
15668200	Crater C nr Nome	64°55'38"	164°52'12"	21.9	1964-81	July 10, 1975	19.71	2,540	116
15712000	Kuzitrin R nr Nome	65°13'17"	164°37'15"	1,720	1908-10, 1962-73	June 3, 1971	---	40,000	23.3
15743000	June C nr Kotzebue	66°51'37"	162°36'13"	10.9	1965-67	June 8, 1966	6.72	209	19.2
-	Kobuk R ab Walker L O	67°01'37"	154°20'36"	285	Max. Evident	---	---	22,600a	79.3
-	Walker L O	67°03'29"	154°18'49"	178	Max. Evident	---	---	5,000	28.1
-	Reed R nr mouth	66°49'25"	154°57'31"	364	Max. Evident	---	---	9,500a	26.1
-	Kobuk R ab Sulakpoatokvik C	66°46'36"	155°10'18"	1,560	Max. Evident	---	---	36,600a	23.5
-	Lake Selby O	66°51'04"	155°41'04"	113	Max. Evident	---	---	2,000	17.7
-	Kobuk R bl Selby R	66°46'18"	155°50'00"	2,000	Max. Evident	---	---	31,300	15.7
-	Pah R nr mouth	66°44'30"	156°03'48"	956	Max. Evident	---	---	8,500	8.89
-	Maunelvk R nr mouth	66°52'40"	156°16'45"	573	Max. Evident	---	---	34,400	60.0
-	Kogolvktuk R nr mouth	66°56'42"	156°45'06"	626	Max. Evident	---	---	35,000a	55.9
-	Kobuk R ab Kobuk	66°54'12"	156°53'06"	4,170	Max. Evident	---	---	71,700a	17.2
-	Ruby C at Bornite	67°04'36"	156°56'12"	13	Max. Evident	---	---	690	53.1
-	Shungnak R nr mouth nr Shungnak	66°56'47"	157°19'03"	213	Max. Evident	---	---	8,900	41.8
-	Ambler R ab Redstone R	67°09'18"	157°32'23"	716	Max. Evident	---	---	30,000	41.9
-	Redstone R nr Ambler	67°12'01"	157°36'05"	211	Max. Evident	---	---	3,300a	15.6
-	Akillik R ab Hunt R nr Ambler	67°14'22"	158°28'05"	303	Max. Evident	---	---	12,600	41.6
-	Salmon R ab Kitlik R nr Kiana	67°15'12"	159°38'58"	515	Max. Evident	---	---	19,900	38.6
-	Kitlik R nr Kiana	67°14'30"	159°40'06"	98	Max. Evident	---	---	2,600	26.5
15744000	Kobuk R at Ambler	67°05'13"	157°50'51"	6,570	1965-78	May 29, 1971	---	95,000	14.6
15744500	Kobuk R nr Kiana	66°58'27"	160°07'51"	9,520	1976-81	June 12, 1979	55.75	93,800	9.85
-	Noatak R bl Ipnelivik R nr Noatak	67°44'16"	156°13'30"	1,030	Max. Evident	---	---	36,000	35
-	Midas C at mouth nr Noatak	67°51'15"	156°25'27"	204	Max. Evident	---	---	8,800	43
-	Noatak R ab Cutler R nr Noatak	67°51'50"	158°13'40"	3,420	Max. Evident	---	---	36,000	11
-	Cutler R at mouth nr Noatak	67°50'54"	158°19'20"	1,100	Max. Evident	---	---	42,000	38
-	Makpik C at mouth nr Noatak	68°01'39"	158°38'04"	273	Max. Evident	---	---	1,200	4.4
-	Noatak R ab Anisak R nr Noatak	68°01'40"	158°55'35"	4,960	Max. Evident	---	---	70,000	14.1
-	Anisak R at mouth nr Noatak	68°02'40"	158°57'00"	805	Max. Evident	---	---	10,000	12.4
-	Noatak R bl Nimiuktuk R nr Noatak	68°00'24"	160°11'00"	6,750	Max. Evident	---	---	120,000	17.8
-	Noatak R in Grand Canyon nr Noatak	67°55'23"	160°56'10"	7,800	Max. Evident	---	---	160,000	20.5
-	Noatak R in Noatak Canyon nr Noatak	67°57'54"	161°36'40"	8,460	Max. Evident	---	---	120,000	14.2
-	Kugururok River nr Noatak	68°01'24"	161°50'08"	859	Max. Evident	---	---	11,600	13.5
-	Noatak River ab Noatak	67°49'13"	162°41'50"	10,500	Max. Evident	---	---	160,000	15.2
15746000	Noatak R at Noatak	67°34'18"	162°56'38"	12,000	1965-71	June 14, 1968	28.7	242,000	20.2
-	Noatak R nr Noatak	67°15'24"	162°35'09"	12,400	Max. Evident	---	---	460,000	37.1a
15748000	Ogotoruk R nr Point Hope	68°06'40"	165°45'10"	35	1958-62	Sept. 4, 1961	4.36	1,450	41.4
ARCTIC SLOPE									
-	Kokolik R nr Point Lay	69°45'39"	162°31'00"	2,271	Max. Evident	---	---	44,000	19.4
-	Utukok R nr Point Lay	69°57'48"	162°03'12"	2,765	Max. Evident	---	---	62,000	22.4
-	Avalik R nr Wainwright	70°07'30"	159°25'12"	1,130	Max. Evident	---	---	91,000	80.5
-	Kuk R nr Wainwright	70°08'06"	159°40'42"	3,688	Max. Evident	---	---	65,000	17.6
15798700	Nunavak C nr Barrow	71°15'35"	156°46'57"	2.79	1972-80	June 10, 1980	4.86	131	47.0
15799000	Esatkuat C nr Barrow	71°16'30"	156°43'44"	1.46	1972-73	June 13, 1972	2.90	67	45.9
15799300	Esatkuat Lagoon O at Barrow	71°17'40"	156°46'06"	3.52	1972-73	June 12, 1973	1.46	101	28.7
15803000	Meade R at Atkasuk	70°29'20"	157°24'40"	1,798	Max. Evident	---	---	105,000	58.4
15803000	Meade R at Atkasuk	70°29'20"	157°24'40"	1,798	1977	June 1977	28.0	24,500	13.6
-	Ikpikpuk R nr Lonely	70°08'12"	154°38'30"	3,980	Max. Evident	---	---	77,000	19.3

Table 3. -- Maximum known floods in Alaska -- Continued

Station number	Stream	Location		Drainage area (mi ²)	Period of record	Maximum known flood			
		Latitude	Longitude			Date	Gage height (ft)	Discharge (ft ³ /s) [(ft ³ /s)/mi ²]	
ARCTIC SLOPE --Continued									
15830000	Miguakiak R nr Teshekpuk L nr Lonely	70°40'13"	154°19'20"	1,460	1977	Aug. 10, 1977	12.12	1,500	1.0
-	Fish C nr Nuiqsut	70°19'00"	151°28'36"	1,700	Max. Evident	---	---	12,000	7.1
-	Etiivluk R nr Umiat	68°56'09"	155°57'42"	2,264	Max. Evident	---	---	49,000	21.6
15875000	Colville R nr Umiat	69°00'12"	153°54'36"	8,070	Max. Evident	---	---	236,000	29.2
-	Killik R nr Umiat	69°00'30"	153°52'42"	2,770	Max. Evident	---	---	30,000	10.8
15880000	Colville R nr Nuiqsut	70°09'56"	150°55'00"	20,670	Max. Evident	---	---	600,000	29.0
-	Colville R at mouth	70°30'00"	150°30'00"	23,300	Miscellaneous	June 14, 1962	---	216,000	9.3
15896000	Kuparuk R nr Deadhorse	70°16'54"	148°57'35"	3,130	1971-80	June 7, 1978	37.6	118,000	37.7
15896700	Putuligayuk R nr Deadhorse	70°16'04"	148°37'36"	176	1970-80	June 12, 1980	22.6	5,800	33.0
-	Atigun R nr Galbraith L	68°22'08"	149°20'12"	173	Max. Evident	---	---	12,000	69.4
15904900	Atigun R Tr nr Pump Station 4	68°22'25"	149°18'48"	32.6	1976-81	July 29, 1976	14.5	1,000	30.7
15905000	Galbraith L Tr nr Galbraith Camp	68°29'30"	149°30'36"	7.55	1975-79	July 27, 1979	30.2	46	6.1
15910000	Sagavanirktok R nr Sagwon	69°05'24"	147°45'34"	2,208	1969-79	Aug. 1969	18.4	34,900	15.8
15910000	Sagavanirktok R nr Sagwon	69°05'24"	147°45'34"	2,208	Max. Evident	---	---	62,000	28.1
15910200	Happy C at Happy Valley Camp nr Sagwon	69°08'50"	148°49'50"	34.5	1972-80	June 6, 1976	18.51	1,390	40.3
-	Kadleroshilik R nr Deadhorse	69°56'06"	147°51'15"	451	Max. Evident	---	---	23,000	51.0
-	Shaviovik R (Upper site)	69°52'21"	147°38'44"	660	Max. Evident	---	---	21,000	31.8
-	Shaviovik R nr Deadhorse	70°05'07"	147°16'30"	1,580	Max. Evident	---	---	22,000	13.9
-	Kavik R nr Deadhorse	69°32'10"	146°39'44"	237	Max. Evident	---	---	13,000	54.9
-	Marsh Fk Canning R nr Arctic Village	69°09'53"	145°53'30"	588	Max. Evident	---	---	18,000	30.6
-	Canning R nr Arctic Village	69°21'10"	146°02'31"	1,326	Max. Evident	---	---	22,000	16.6
-	Canning R nr Deadhorse	69°50'38"	146°27'10"	1,871	Max. Evident	---	---	53,000	28.3
-	Katakturuk R nr Kaktovik	69°52'25"	145°27'10"	228	Max. Evident	---	---	10,000	43.9
-	Marsh C nr Kaktovik	69°47'32"	144°49'00"	261	Max. Evident	---	---	500	1.9
15975000	Chamberlin C nr Barter Island	69°17'30"	144°57'50"	1.46	Miscellaneous	July 5, 1958	---	88	60.3
15976000	Neruokpukkoonga C nr Barter Island	69°18'30"	145°01'30"	123	Miscellaneous	June 23, 1958	---	706	5.7
-	Sadlerochit R nr Kaktovik	69°39'13"	144°12'10"	529	Max. Evident	---	---	11,000	20.8
-	Hulahula R nr Kaktovik	69°41'47"	144°12'10"	682	Max. Evident	---	---	10,000	14.7
-	Jago R nr Kaktovik	69°37'02"	143°41'06"	321	Max. Evident	---	---	14,000	43.6
-	Okerokovik R nr Kaktovik	69°42'07"	143°14'23"	169	Max. Evident	---	---	2,300	13.6
-	Aichilik R nr Kaktovik	69°35'23"	142°58'03"	563	Max. Evident	---	---	27,000	48.0
-	Egaksrak R nr Kaktovik	69°32'05"	142°41'05"	215	Max. Evident	---	---	9,000	41.9
-	Ekaluakat R nr Kaktovik	69°34'35"	142°18'38"	146	Max. Evident	---	---	27,000	185
-	Kongakut R nr Kaktovik	69°30'54"	142°42'34"	1,240	Max. Evident	---	---	98,000	79.0
-	Turner R nr Kaktovik	69°35'56"	141°24'10"	51	Max. Evident	---	---	1,500	29.4

Footnote explanation

* Glacier-dammed lake breakout

+ Augmented by release of stored water from unnamed lake after embankment was breached

≠ Flood from Sheep Creek overflow August 10, 1971, 19.69 ft, 3,270 ft³/s

a Ice flood evidence

Table 4. -- Drainage basin characteristics

Station number	Station name	Drainage area (mi ²)	Mean-channel slope (ft/mi)	Stream length (mi)	Elevation (ft)	Percentage of area in			Mean annual precipitation (in.)	Intensity 24 hr-2 yr (in.)	Mean annual snowfall (in.)	Mean minimum January temp. (°F)
						Lake	Forest	Glacier				
SOUTHEAST												
15010500	HALIBUT BAY TRY NR HYDER	8.58	375	5.5	2140	0	64	0	160	5.0	300	27
15011900	CABIN C NR KETCHIKAN	8.80	117	5.1	1650	3	87	0	150	7.0	100	28
15029000	BLACK BEAR C NR MEYERS CHUCK	16.5	144	6.2	1070	1	99	0	80	4.0	50	28
15054500	BESSIE C NR AUKE BAY	1.35	1238	2.8	1100	0	99	0	70	4.0	80	24
15057500	WILLIAM HENRY C NR AUKE BAY	1.58	2222	1.8	1720	0	42	0	110	5.0	100	24
15081490	YATUK C NR KLAWOCK	5.8	78.4	3.4	390	2	98	0	80	4.0	140	28
15081890	NATZUHINI C NR HYDABURG	9.1	186	4.6	1030	0	84	0	150	3.0	100	32
15085200	DOG SALMON C NR HOLLIS	16.8	195	5.4	1200	1	85	0	160	3.0	80	30
15086900	RED C NR POINT BAKER	11.2	122	4.7	980	6	80	0	90	3.5	80	28
15087250	TWIN C NR PETERSBURG	3.82	429	3.0	1200	0	96	0	80	3.5	120	26
15087570	HAMILTON C NR KAKE	65.0	17.4	19.8	493	0	91	0	80	4.0	90	26
15087585	TWELVEMILE C NR PETERSBURG	9.39	75	5.9	960	1	80	1	90	3.5	120	24
15087595	KADAKE C NR KAKE	43.6	33.3	10.9	725	0	97	0	90	5.0	100	26
15101600	WHEELER C NR DOUGLAS	57.1	73.7	19.5	1710	0	64	0	70	5.0	90	24
15101800	FISHERY C NR ANGOON	54.3	34.2	13.6	1300	0	83	0	50	5.0	100	24
15102350	N ARM C NR ANGOON	8.64	261	5.7	1020	0	91	0	60	7.0	200	24
15108250	GAME C NR HOONAH	42.8	41	13.1	1100	0	80	0	100	7.0	200	24
15108290	GOS C NR ELFIN COVE	16.7	163	8.0	1360	1	67	0	120	5.0	110	26
SOUTH-CENTRAL												
15198500	STATION C NR MENTASTA	15.3	281	7.0	3370	0	29	0	30	3.0	100	-16
15199000	COPPER R TR NR SLANTA	4.32	504	3.7	3370	0	29	0	18	3.0	90	-17
15200270	SOURDOUGH C AT SOURDOUGH	68.0	--	--	--	--	--	--	--	--	--	--
15201000	DRY C NR GLENNALLEN	11.4	28	14.2	1700	1	81	0	10	1.5	40	-14
15201100	L NELCHINA R TR NR EUREKA LODGE	7.81	185	7.2	2940	0	99	0	10	1.5	70	0
15201900	MOOSE C TR AT GLENNALLEN	7.12	31.2	8.6	1600	4	49	0	10	1.5	45	-12
15208100	SQUIRREL C AT TONSINA	70.5	119	17.9	3100	4	58	0	11	1.5	49	-10
15208200	ROCK C NR TONSINA	14.3	129	8.0	2680	1	70	0	10	1.5	48	-10
15208500	FIVEMILE C NR CHITINA	13.2	--	--	--	--	--	--	--	--	--	--
15209000	CHITITU C NR MAY CREEK	30.9	305	13.0	4150	0	28	3	20	4.0	90	0
15209100	MAY C NR MAY CREEK	10.4	429	7.0	2450	0	92	0	20	4.0	90	0
15211700	STRELNA C NR CHITINA	23.8	264	11.4	3350	0	31	0	16	2.0	60	-8
15211900	O'BRIEN C NR CHITINA	44.8	282	14.2	4120	0	18	0	13	2.0	55	-6
15212500	BOULDER C NR TIEKEL	9.8	538	4.7	4300	0	3	0	30	2.0	70	0
15212600	TIEKEL R NR TIEKEL	115	--	--	--	--	--	--	--	--	--	--
15212800	PTARMIGAN C TR NR VALDEZ	0.72	467	2.0	3290	0	0	0	60	4.0	600	4
15213400	STUART C NR VALDEZ	37.4	--	--	--	--	--	--	--	--	--	--
15219100	CONTROL C NR CORDOVA	4.22	381	2.8	1200	0	48	0	140	5.0	160	16
15226480	SHEEP C NR VALDEZ	31.9	--	--	--	--	--	--	--	--	--	--
15227500	MINERAL C NR VALDEZ	44.0	--	--	--	--	--	--	--	--	--	--
15236200	SHAKESPEARE C AT WHITTIER	3.05	1100	2.8	1580	1	8	27	240	6.0	190	13
15237400	CHALMERS R NR CORDOVA	6.32	531	3.6	1230	0	11	42	200	5.0	110	20
15238000	LOST C NR SEWARD	7.96	246	8.1	2210	7	4	0	80	5.0	150	12
15238600	SPRUCE C NR SEWARD	9.26	507	5.5	1990	0	22	8	80	5.0	100	12
15239500	FRITZ C NR HOMER	10.4	150	9.8	880	0	68	0	25	4.0	70	16
15239800	DIAMOND C NR HOMER	5.35	142	4.7	890	0	37	0	25	4.0	70	16
15239900	ANCHOR R NR ANCHOR POINT	137	45.8	26.2	1120	0	60	0	25	4.0	90	14
15240500	COOK INLET TR NR NINILCHIK	5.19	21	4.1	175	0	60	0	20	3.0	70	12
15243950	PORCUPINE C NR PRIMROSE	16.8	316	7.4	2300	0	34	5	70	5.0	90	10
15250000	FALLS C NR LAWING	11.8	477	8.1	3480	0	19	6	80	5.0	90	10
15251800	QUARTZ C AT GILPATRICKS	9.41	263	6.6	3260	0	11	0	60	4.0	100	10
15254000	CRESCENT C NR COOPER LANDING	31.7	136	14.7	2700	13	38	0	50	4.0	110	8
15266500	BEAVER C NR KENAI	51	4.75	13.5	140	15	67	0	20	1.5	60	6
15269500	GRANITE C NR PORTAGE	28.2	236	9.6	2220	0	36	7	60	4.0	80	10
15270100	FRESNO C AT SHIELD	6.03	409	5.9	3200	1	8	0	50	3.0	80	10
15270400	DONALDSON C NR WIBEL	4.07	696	3.6	2580	0	31	0	50	3.0	80	10
15271900	CUB C NR HOPE	1.8	1460	2.8	2670	0	11	0	30	3.0	80	10
15272500	TURNAGAIN ARM TR NR GIRDWOOD	0.44	--	--	--	--	--	--	--	--	--	--
15272530	CALIFORNIA C AT GIRDWOOD	6.96	745	5.9	2480	0	36	4	80	4.0	140	8
15272800	RAINBOW C NR ANCHORAGE	4.18	--	--	--	--	--	--	--	--	--	--
15277200	MEADOW C AT EAGLE RIVER	7.43	533	7.5	2980	0	20	0	20	1.5	70	7
15281500	CAMP C NR SHEEP MT LODGE	1.09	--	--	--	--	--	--	--	--	--	--
15282200	HICKS C NR SUTTON	47.7	--	--	--	--	--	--	--	--	--	--
15282300	PINOCHLE C NR SUTTON	7.99	295	5.7	2590	1	66	0	20	1.5	70	2
15282400	PURITAN C NR SUTTON	8.51	679	3.7	3000	1	45	0	20	1.5	70	0
15283500	ESKA C NR SUTTON	13.4	486	8.0	2560	0	50	2	30	1.5	60	4
15285000	WASILLA C NR PALMER	16.8	192	9.8	1530	0	67	0	20	1.5	50	6
15289800	FISHHOOK C NR PALMER	8.52	--	--	--	--	--	--	--	--	--	--
15291100	RAFT C NR DENALI	4.33	617	4.0	4700	0	12	0	32	1.5	350	-8
15292392	BYERS C NR TALKEETNA	50.2	--	--	--	--	--	--	--	--	--	--
15292397	TROUBLESOME C NR TALKEETNA	38.8	--	--	--	--	--	--	--	--	--	--
15292800	MONTANA C NR MONTANA	164	114	25.0	1930	3	54	0	40	2.2	90	0
15292900	GOOSE C NR MONTANA	14.5	60.4	6.4	500	1	86	0	35	2	90	0
15293000	CASWELL C NR CASWELL	19.6	53.8	12.3	400	3	72	0	35	1.5	70	0
15294025	MOOSE C NR TALKEETNA	52.3	22.1	14.5	800	9	77	0	30	2.0	120	-3
15297200	MYRTLE C NR KODI	4.74	105	5.1	700	0	0	0	80	3.0	100	24
15297300	KALSIN BAY TR NR KODIAK	2.35	252	3.7	530	0	1	0	80	3.0	100	24
15297400	BLACK CANYON C NR KODIAK	2.2	--	--	--	--	--	--	--	--	--	--
15297475	RED CLOUD C TR NR KODIAK	1.51	443	2.7	720	0	0	0	70	3.0	100	24

Table 4. -- Drainage basin characteristics -- Continued

Station number	Station name	Drainage area (mi ²)	Mean-channel slope (ft/mi)	Stream length (mi)	Elevation (ft)	Percentage of area in			Mean annual precipitation (in.)	Intensity 24 hr-2 yr (in.)	Mean annual snowfall (in.)	Mean minimum January temp. (°F)
						Lake	Forest	Glacier				
SOUTHWEST												
15297900	ESKIMO C AT KING SALMON	16.1	18.2	7.3	140	5	14	0	20	1.5	40	8
15300100	BEAR C NR ILIAMNA	2.59	--	--	--	--	--	--	--	--	--	--
15300200	ROADHOUSE C NR ILIAMNA	20.8	154	6.5	321	7	69	0	40	3.5	75	8
15302900	MOODY C AT ALEKNAGIK	1.28	347	2.0	480	3	78	0	37	2.0	70	8
15303010	SILVER SALMON C NR ALEKNAGIK	4.46	28.6	3.6	380	2	78	0	35	2.0	70	8
YUKON												
15305900	DENNISON FK NR TETLIN JUNCTION	2.93	187	2.1	3000	0	97	0	16	1.5	40	-24
15305920	WF TR NR TETLIN JUNCTION	1.02	1160	1.6	4240	0	12	0	20	1.8	50	-24
15305950	TAYLOR C NR CHICKEN	38.4	298	9.4	2500	0	99	0	20	1.8	80	-24
15341900	NF KING SOLOMON C NR EAGLE	18.5	175	5.5	3110	0	69	0	20	1.0	70	-24
15344000	KING C NR DOME CREEK	5.99	303	4.4	2391	0	94	0	20	1.5	70	-22
15365000	DISCOVERY F AMERICAN C NR EAGLE	5.53	370	3.6	2930	0	75	0	18	1.2	60	-22
15367500	BLUFF C NR EAGLE	3.38	563	3.9	2260	0	100	0	18	1.2	50	-21
15393900	NF TWELVEMILE C NR MILLER HOUSE	23.2	--	--	--	--	--	--	--	--	--	--
15438500	BEDROCK C NR CENTRAL	9.94	478	5.8	2910	0	50	0	16	1.2	50	-24
15439800	BOULDER C NR CENTRAL	31.3	154.8	12.4	2570	0	73	0	15	1.2	50	-24
15442500	QUARTZ C NR CENTRAL	17.2	96	8.5	1270	0	98	0	14	1.0	50	-24
15453610	RAY RIVER TRIBUTARY NR STEVENS VILLAGE	8	333	5.2	1500	0	0.88	0	20	1.2	50	-16
15457700	ERICKSON C NR LIVNGOOD	26.3	108	8.0	1500	0	99	0	18	1.0	50	-16
15469900	SILVER C NR NORTHWAY JUNCTION	11.7	305	4.8	2400	1	98	0	12	1.5	40	-24
15470300	L JACK C NR NABESNA	6.73	344	6.6	4677	0	0.30	0	20	3.5	40	-20
15470330	CHALK C NR NABESNA	14.8	198	8.9	3964	3	73	0	20	3.5	40	-20
15470340	JACK C NR NABESNA	115	91	23.1	4345	1	41	1	20	3.5	40	-20
15471000	BITTERS C NR NORTHWAY JUNCTION	15.4	123	5.4	2430	0	99	0	10	1.5	30	-24
15471500	TANANA R TR NR TETLIN JUNCTION	2.43	428	2.8	2600	0	100	0	10	1.5	30	-24
15473000	BARTELL C NR MENTASTA	12	--	--	--	--	--	--	--	--	--	--
15473600	LOG CABIN C NR LOG CABIN INN	10.7	543	5.4	3730	0	58	0	15	2	40	-16
15473950	CLEARWATER C NR TOK	36.4	225	12.6	4300	0	31	0	12	3.0	30	-20
15476049	TANANA R TR NR CATHEDRAL RAPIDS	3.09	--	--	--	--	--	--	--	--	--	--
15476050	TANANA R TR NR TANACROSS	3.32	828	4.2	3300	0	63	0	12	3.0	30	-16
15476200	TANANA R TR NR DOT LAKE	11	169	7.1	2000	1	82	0	15	3.0	30	-14
15476300	BERRY C NR DOT LK	65.1	223	19.1	3200	1	40	5	18	2.0	30	-14
15476400	DRY C NR DOT LK	57.6	185	12.9	3100	1	35	0	18	2.0	30	-13
15478010	ROCK C NR PAXSON	50.3	74	12.8	4200	7	0	0	25	2.0	200	-8
15478050	MCCALLUM C NR PAXSON	15.5	356	9.0	4880	0	0	19	80	1.5	200	-6
15478500	RUBY C NR DONNELLY	5.32	351	5.7	3300	0	12	0	30	1.5	100	-8
15480000	BANNER C AT RICHARDSON	20.2	217	8.0	1730	0	95	0	14	1.5	60	-16
15490000	MONUMENT C AT CHENA HOT SPRINGS	26.7	192	10.4	2660	0	44	0	18	1.2	100	-20
15511500	STEELE C NR FAIRBANKS	10.7	109	4.6	1400	0	82	0	12	1.2	80	-16
15515799	BRUSHKANA C NR CANTWELL	115	--	--	--	--	--	--	--	--	--	--
15515800	SEATTLE C NR CANTWELL	36.2	169	10.2	3400	2	6	0	20	1.5	300	-6
15515900	LILY C NR CANTWELL	5.63	397	5.7	3590	0	13	0	20	1.5	300	-6
15516010	FISH C NR CANTWELL	18.2	--	--	--	--	--	--	--	--	--	--
15516050	JACK R NR CANTWELL	325	--	--	--	--	--	--	--	--	--	--
15516100	NENANA R TR NR CANTWELL	1.62	--	--	--	--	--	--	--	--	--	--
15516200	SLIME C NR CANTWELL	6.9	586	5.8	3950	0	4	0	40	1.5	100	-8
15518100	L PANGUINGUE C NR LIGNITE	3.44	222	3.3	1960	0	36	0	18	1.2	70	-10
15518200	ROCK C NR FERRY	8.17	337	7.5	2450	0	40	0	16	1.2	60	-12
15518250	BIRCH C NR REX	4.1	200	5.0	1490	0	99	0	16	1.2	50	-14
15518400	TANANA R TR NR NENANA	0.58	--	--	--	--	--	--	--	--	--	--
15519000	BRIDGE C NR LIVNGOOD	12.6	88	5.9	1000	0	14	0	20	1.0	55	-16
15519200	BROOKS C TR NR LIVNGOOD	7.81	230	5.5	1410	0	98	0	20	1.0	60	-16
15520000	IDAHO C NR MILLER HOUSE	5.31	333	4.0	2920	0	28	0	20	1.2	80	-20
15530000	FAITH C NR CHENA HOT SPRINGS	61.1	95.2	16.8	2800	0	48	0	20	1.2	90	-20
15540070	L GOLDSTREAM C NR NENANA	40.8	--	--	--	--	--	--	--	--	--	--
15541600	GLOBE C NR LIVNGOOD	23	127	7.5	1590	0	90	0	20	1.2	80	-16
15541650	GLOBE C TR NR LIVNGOOD	9.01	356	6.0	1710	0	99	0	20	1.2	80	-16
15541800	WASHINGTON C NR FOX	46.7	58	13.8	1500	0	94	0	16	1.2	90	-16
15564500	NEW YORK C NR RUBY	6.99	--	--	--	--	--	--	--	--	--	--
15564868	SNOWDEN C NR WISEMAN	16.7	381	7.0	3620	0	4	0	20	1.2	70	-18
15564872	NUGGET C NR WISEMAN	9.47	480	6.8	3036	0	16	0	15	1.2	60	-18
15564879	SLATE C NR COLDFOOT	73.4	59.7	15.1	2204	1	51	0	15	1.2	37	-18
15564884	PROSPECT C NR PROSPECT CAMP	110	35.5	23.4	1780	0	48	0	10	1.3	35	-18
15564887	BONANZA C TRIB NR PROSPECT CAMP	11.7	162	4.9	1674	0	89	0	20	1.3	60	-18
15565235	OPHIR C NR TAKOTNA	6.19	79	6.4	1070	0	86	0	20	1.5	90	-8
NORTHWEST												
15585000	GOLDENGATE CR NR NOME	1.55	106	2.2	300	0	0	0	20	1.5	60	-5
15619000	DEXTER C NR NOME	2.99	152	2.7	512	0	0	0	30	1.5	80	-7
15624998	ARCTIC C AB TR NR NOME	1.13	542	1.4	784	0	0	0	30	1.5	80	-7
15625000	ARCTIC C NR NOME	1.76	429	1.4	820	0	2	0	25	1.5	60	-5
15633000	WASHINGTON C NR NOME	6.34	121	4.3	860	0	3	0	25	1.5	60	-6
15668100	STAR C NR NOME	3.78	522	3.7	1500	0	1	0	40	1.5	100	-6
15668200	CRATER C NR NOME	21.9	145	9.2	1620	1	3	0	40	1.5	100	-7
ARCTIC SLOPE												
15904900	ATIGUN R TR NR PUMP STA 4	32.6	210	10.2	5100	0	0	4	20	1.0	35	-16
15905000	GALBRAITH LK TRIB NR GALBRAITH CAMP	7.55	179	7.5	3594	0	0	0	20	1.3	65	-16
15906000	SAGAVAIKOTOK R TRIB NR PUMP STA 3	28.4	44	12.8	2969	4	0	0	20	1.3	70	-16
15910200	HAPPY C AT HAPPY VALLEY CAMP NR SAGWON	34.5	59.2	19.5	1510	2	0	0	10	0.8	45	-16

Table 5. -- Flood magnitude and frequency for stations having 10 or more years of record

Station number	Station name	P ₂	P ₅	P ₁₀	P ₂₅	P ₅₀
15054500	BESSIE C NR AUKE BAY	165	241	292	356	404
15057500	WILLIAM HENRY C NR AUKE BAY	450	691	878	1150	1370
15081490	YATUK C NR KLAWOCK	682	1170	1560	2150	2660
15081890	NATZUHINI C NR HYDABURG	1700	2260	2650	3150	3530
15086900	RED C NR POINT BAKER	1120	1360	1500	1680	1800
15087250	TWIN C NR PETERSBURG	448	582	669	777	858
15108250	GAME C NR HOONAH	8160	11800	14600	18500	21700
15198500	STATION C NR MENTASTA	150	309	457	702	933
15199000	COPPER R TR NR SLANA	42.2	95.4	150	247	344
15201000	DRY C NR GLENNALLEN	77.5	173	275	466	668
15201100	L NELCHINA R TR NR EUREKA LODGE	38.8	78.5	116	178	237
15201900	MOOSE C TR AT GLENNALLEN	31.2	99.4	189	384	616
15208100	SQUIRREL C AT TONSINA	310	507	668	907	1110
15208200	ROCK C NR TONSINA	56.4	85	108	142	172
15209000	CHITITU C NR MAY CREEK	334	498	634	840	1020
15209100	MAY C NR MAY CREEK	48.4	92.7	134	202	267
15211700	STRELSA C NR CHITINA	193	289	360	458	536
15211900	O'BRIEN C NR CHITINA	531	849	1120	1540	1930
15212500	BOULDER C NR TIEKEL	215	372	518	765	1000
15219100	CONTROL C NR CORDOVA	552	788	962	1200	1400
15236200	SHAKESPEARE C AT WHITTIER	407	509	573	649	703
15237400	CHALMERS R NR CORDOVA	2710	3160	3410	3690	3870
15238000	LOST C NR SEWARD	328	436	512	614	693
15238600	SPRUCE C NR SEWARD	1470	2090	2490	2980	3330
15239500	FRITZ C NR HOMER	107	248	394	657	924
15239800	DIAMOND C NR HOMER	64.7	107	145	205	260
15239900	ANCHOR R NR ANCHOR POINT	1430	2160	2770	3720	4550
15240500	COOK INLET TR NR NINILCHIK	51.4	76.2	95.4	123	146
15243950	PORCUPINE C NR PRIMROSE	724	1050	1290	1620	1890
15250000	FALLS C NR LAWING	240	451	645	969	1280
15251800	QUARTZ C AT GILPATRICKS	160	295	425	650	872
15254000	CRESCENT C NR COOPER LANDING	332	531	701	970	1210
15266500	BEAVER C NR KENAI	146	276	394	584	760
15269500	GRANITE C NR PORTAGE	991	1520	1910	2470	2920
15270400	DONALDSON C NR WIBEL	65.6	108	142	192	236
15271900	CUB C NR HOPE	28.4	38.8	46.3	56.3	64.4
15272530	CALIFORNIA C AT GIRDWOOD	221	387	527	744	935
15277200	MEADOW C AT EAGLE RIVER	25.3	49.3	73.7	118	164
15282400	PURITAN C NR SUTTON	31.3	62.2	89.9	134	175
15283500	ESKA C NR SUTTON	138	227	306	432	549
15285000	WASILLA C NR PALMER	112	217	317	488	655
15291100	RAFT C NR DENALI	100	127	144	165	180
15292800	MONTANA C NR MONTANA	3190	4430	5380	6720	7830
15293000	CASWELL C NR CASWELL	95.7	146	183	233	272
15297200	MYRTLE C NR KODIAK	747	955	1100	1280	1420
15297475	RED CLOUD C TR NR KODIAK	410	553	649	774	870
15297900	ESKIMO C AT KING SALMON	86.6	182	271	417	554
15300200	ROADHOUSE C NR ILIAMNA	103	182	252	367	473
15302900	MOODY C AT ALEKNAGIK	26.2	35.3	42.2	51.7	59.6
15303010	SILVER SALMON C NR ALEKNAGIK	103	158	203	270	328
15305900	DENNISON FK NR TETLIN JUNCTION	24	44	62.9	95	126
15305920	WF TR NR TETLIN JUNCTION	27.3	46.8	63.3	88.3	110
15305950	TAYLOR C NR CHICKEN	101	199	296	470	645
15344000	KING C NR DOME CREEK	61.8	102	137	192	242
15365000	DISCOVERY F AMERICAN C NR EAGLE	7.2	16.5	27	47.6	70.4
15367500	BLUFF C NR EAGLE	5.8	15.1	26.5	51.1	80.3
15438500	BEDROCK C NR CENTRAL	105	228	347	549	744
15439800	BOULDER C NR CENTRAL	261	461	641	934	1210
15442500	QUARTZ C NR CENTRAL	150	289	417	626	823
15457700	ERICKSON C NR LIVENGOD	276	553	818	1270	1700
15469900	SILVER C NR NORTHWAY JUNCTION	31.4	90.3	168	342	558
15471000	BITTERS C NR NORTHWAY JUNCTION	98.9	207	322	540	774
15471500	TANANA R TR NR TETLIN JUNCTION	12.8	21.7	29.4	41.5	52.5
15473600	LOG CABIN C NR LOG CABIN INN	114	237	356	557	751
15473950	CLEARWATER C NR TOK	294	616	923	1440	1940
15476049	TANANA R TR NR CATHEDRAL RAPIDS	65.1	170	288	515	756
15476200	TANANA R TR NR DOT LAKE	64.8	98.4	124	159	188
15476300	BERRY C NR DOT LK	652	1100	1490	2120	2680
15476400	DRY C NR DOT LK	693	1210	1640	2290	2860
15478010	ROCK C NR PAXSON	699	1200	1590	2170	2660
15478050	MCCALLUM C NR PAXSON	421	627	790	1030	1230
15478500	RUBY C NR DONNELLY	123	271	412	646	866
15480000	BANNER C AT RICHARDSON	156	414	697	1220	1770
15490000	MONUMENT C AT CHENA HOT SPRINGS	290	631	978	1600	2220
15515800	SEATTLE C NR CANTWELL	528	980	1420	2210	3000

Table 5. -- Flood magnitude and frequency for stations having 10 or more years of record -- Continued

Station number	Station name	P ₂	P ₅	P ₁₀	P ₂₅	P ₅₀
15515900	LILY C NR CANTWELL	82.7	145	196	271	336
15516200	SLIME C NR CANTWELL	174	303	420	612	792
15518200	ROCK C NR FERRY	200	570	1020	1960	3030
15518250	BIRCH C NR REX	75.5	179	290	495	708
15519000	BRIDGE C NR LIVENG00D	180	418	687	1220	1800
15519200	BROOKS C TR NR LIVENG00D	43.8	115	192	332	475
15520000	IDAHO C NR MILLER HOUSE	119	259	409	691	990
15530000	FAITH C NR CHENA HOT SPRINGS	1300	2160	2930	4200	5380
15541600	GLOBE C NR LIVENG00D	246	528	811	1310	1810
15541650	GLOBE C TR NR LIVENG00D	118	227	332	511	686
15541800	WASHINGTON C NR FOX	599	1280	1980	3240	4510
15625000	ARCTIC C NR NOME	58.7	109	155	231	302
15633000	WASHINGTON C NR NOME	99.4	208	317	508	701
15668100	STAR C NR NOME	58.1	110	154	221	279
15668200	CRATER C NR NOME	916	1590	2160	3040	3840
15910200	HAPPY C AT HAPPY VALLEY CAMP NR SAGWON	656	1040	1350	1800	2190

P₂ Flood discharge in ft³/s, with an average recurrence interval of 2 years, exceedence probability of 50 percent.
P₅ Flood discharge in ft³/s, with an average recurrence interval of 5 years, exceedence probability of 20 percent.
P₁₀ Flood discharge in ft³/s, with an average recurrence interval of 10 years, exceedence probability of 10 percent.
P₂₅ Flood discharge in ft³/s, with an average recurrence interval of 25 years, exceedence probability of 4 percent.
P₅₀ Flood discharge in ft³/s, with an average recurrence interval of 50 years, exceedence probability of 2 percent.

ALPHABETICAL LISTING OF STATIONS FOR TABLE 2

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Anchor River near Anchor Point -----	24
Arctic Creek above tributary near Nome -----	41
Arctic Creek near Nome -----	41
Atigun River Tributary near Pump Station 4 -----	42
Banner Creek at Richardson -----	37
Bartell Creek near Mentasta -----	34
Bear Creek near Iliamna -----	30
Beaver Creek near Kenai -----	26
Bedrock Creek near Central -----	32
Berry Creek near Dot Lake -----	35
Bessie Creek near Auke Bay -----	17
Birch Creek near Rex -----	39
Bitters Creek near Northway Junction -----	34
Black Bear Creek near Meyers Chuck -----	17
Black Canyon Creek near Kodiak -----	30
Bluff Creek near Eagle -----	32
Bonanza Creek Tributary near Prospect Camp -----	41
Boulder Creek near Central -----	33
Boulder Creek near Tiekell -----	22
Bridge Creek near Livengood -----	39
Brooks Creek Tributary near Livengood -----	39
Brushkana Creek near Cantwell -----	38
Byers Creek near Talkeetna -----	28
Cabin Creek near Ketchikan -----	17
California Creek near Girdwood -----	27
Camp Creek near Sheep Mountain Lodge -----	27
Caswell Creek near Caswell -----	29
Chalk Creek near Nabesna -----	33
Chalmers River near Cordova -----	23
Chititu Creek near May Creek -----	21
Clearwater Creek near Tok -----	35
Control Creek near Cordova -----	22
Cook Inlet Tributary near Ninilchik -----	24
Copper River Tributary near Slana -----	20
Crater Creek near Nome -----	42
Crescent Creek near Cooper Landing -----	25
Cub Creek near Hope -----	26
Dennison Fork near Tetlin Junction -----	31
Dexter Creek near Nome -----	41
Diamond Creek near Homer -----	24
Discovery Fork American Creek near Eagle -----	32
Dog Salmon Creek near Hollis -----	18
Donaldson Creek near Wibel -----	26

ALPHABETICAL LISTING OF STATIONS FOR TABLE 2--Continued

	Page
Dry Creek near Dot Lake -----	36
Dry Creek near Glennallen -----	20
Erickson Creek near Livengood -----	33
Eska Creek near Sutton -----	28
Eskimo Creek at King Salmon -----	30
Faith Creek near Chena Hot Springs -----	40
Falls Creek near Lawing -----	25
Fish Creek near Cantwell -----	38
Fishery Creek near Angoon -----	19
Fishhook Creek near Palmer -----	28
Fivemile Creek near Chitina -----	21
Fresno Creek at Shield -----	26
Fritz Creek near Homer -----	24
Galbraith Lake Tributary near Galbraith Camp -----	42
Game Creek near Hoonah -----	19
Globe Creek near Livengood -----	40
Globe Creek Tributary near Livengood -----	40
Goldengate Creek near Nome -----	41
Goose Creek near Montana -----	29
Gos Creek near Elfin Cove -----	19
Granite Creek near Portage -----	26
Halibut Bay Tributary near Hyder -----	17
Hamilton Creek near Kake -----	18
Happy Creek near Happy Valley -----	43
Hicks Creek near Sutton -----	27
Idaho Creek near Miller House -----	39
Jack Creek near Nabesna -----	34
Jack River near Cantwell -----	38
Kadake Creek near Kake -----	19
Kalsin Bay Tributary near Kodiak -----	29
King Creek near Dome Creek -----	32
Klu Creek near Bell Island -----	17
Lily Creek near Cantwell -----	38
Little Goldstream near Nenana -----	40
Little Jack Creek near Nabesna -----	33
Little Nelchina River Tributary near Eureka Lodge -----	20
Little Panguingue Creek near Lignite -----	38
Log Cabin Creek near Log Cabin Inn -----	34
Lost Creek near Seward -----	23
Lower Suzy Q Creek near Rapids -----	36

ALPHABETICAL LISTING OF STATIONS FOR TABLE 2--Continued

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May Creek at May Creek -----	21
McCallum Creek near Paxson -----	36
Meadow Creek at Eagle River -----	27
Mineral Creek near Valdez -----	23
Montana Creek near Montana -----	28
Monument Creek at Chena Hot Springs -----	37
Moody Creek at Aleknagik -----	30
Moose Creek near Talkeetna -----	29
Moose Creek Tributary at Glennallen -----	21
Myrtle Creek near Kodiak -----	29
Natzuhini Creek near Hydaburg -----	18
Nenana River Tributary near Cantwell -----	38
New York Creek near Ruby -----	40
North Arm Creek near Angoon -----	19
North Fork King Solomon Creek near Eagle -----	32
North Fork Twelvemile Creek near Miller House -----	32
Nugget Creek near Wiseman -----	41
O'Brien Creek near Chitina -----	22
Ophir Creek near Takotna -----	41
Pinochle Creek near Sutton -----	27
Porcupine Creek near Primrose -----	25
Prospect Creek near Prospect Camp -----	41
Ptarmigan Creek Tributary near Valdez -----	22
Puritan Creek near Sutton -----	27
Quartz Creek at Gilpatricks -----	25
Quartz Creek near Central -----	33
Raft Creek near Denali -----	28
Rainbow Creek near Anchorage -----	27
Ray River Tributary near Stevens Village -----	33
Red Cloud Creek Tributary near Kodiak -----	30
Red Creek near Point Baker -----	18
Roadhouse Creek near Iliamna -----	30
Rock Creek near Ferry -----	38
Rock Creek near Paxson -----	36
Rock Creek near Tonsina -----	21
Ruby Creek near Donnelly -----	36
Sagavanirktok River Tributary near Pump Station 3 -----	42
Sea Level Creek near Ketchikan -----	17
Seattle Creek near Cantwell -----	37
Shakespeare Creek at Whittier -----	23
Sheep Creek near Valdez -----	23

ALPHABETICAL LISTING OF STATIONS FOR TABLE 2--Continued

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Silver Creek near Northway Junction -----	33
Silver Salmon Creek near Aleknagik -----	31
Slate Creek at Coldfoot -----	41
Slime Creek near Cantwell -----	38
Snowden Creek near Wiseman -----	40
Sourdough Creek at Sourdough -----	20
Spruce Creek near Seward -----	23
Squirrel Creek near Tonsina -----	21
Star Creek near Nome -----	42
Station Creek near Mentasta -----	20
Steele Creek near Fairbanks -----	37
Strelna Creek near Chitina -----	22
Stuart Creek near Valdez -----	22
 Tanana River Tributary near Cathedral Rapids -----	 35
Tanana River Tributary near Dot Lake -----	35
Tanana River Tributary near Nenana -----	39
Tanana River Tributary near Tanacross -----	35
Tanana River Tributary near Tetlin Junction -----	34
Taylor Creek near Chicken -----	31
Tiekel River near Tiekel -----	22
Troublesome Creek near Talkeetna -----	28
Turnagain Arm Tributary near Girdwood -----	26
Twelvemile Creek near Petersburg -----	19
Twin Creek near Petersburg -----	18
 Washington Creek near Fox -----	 40
Washington Creek near Nome -----	42
Wasilla Creek near Palmer -----	28
West Fork Tributary near Tetlin Junction -----	31
Wheeler Creek near Douglas -----	19
William Henry Creek near Auke Bay -----	17
 Yatuk Creek near Klawock -----	 18