

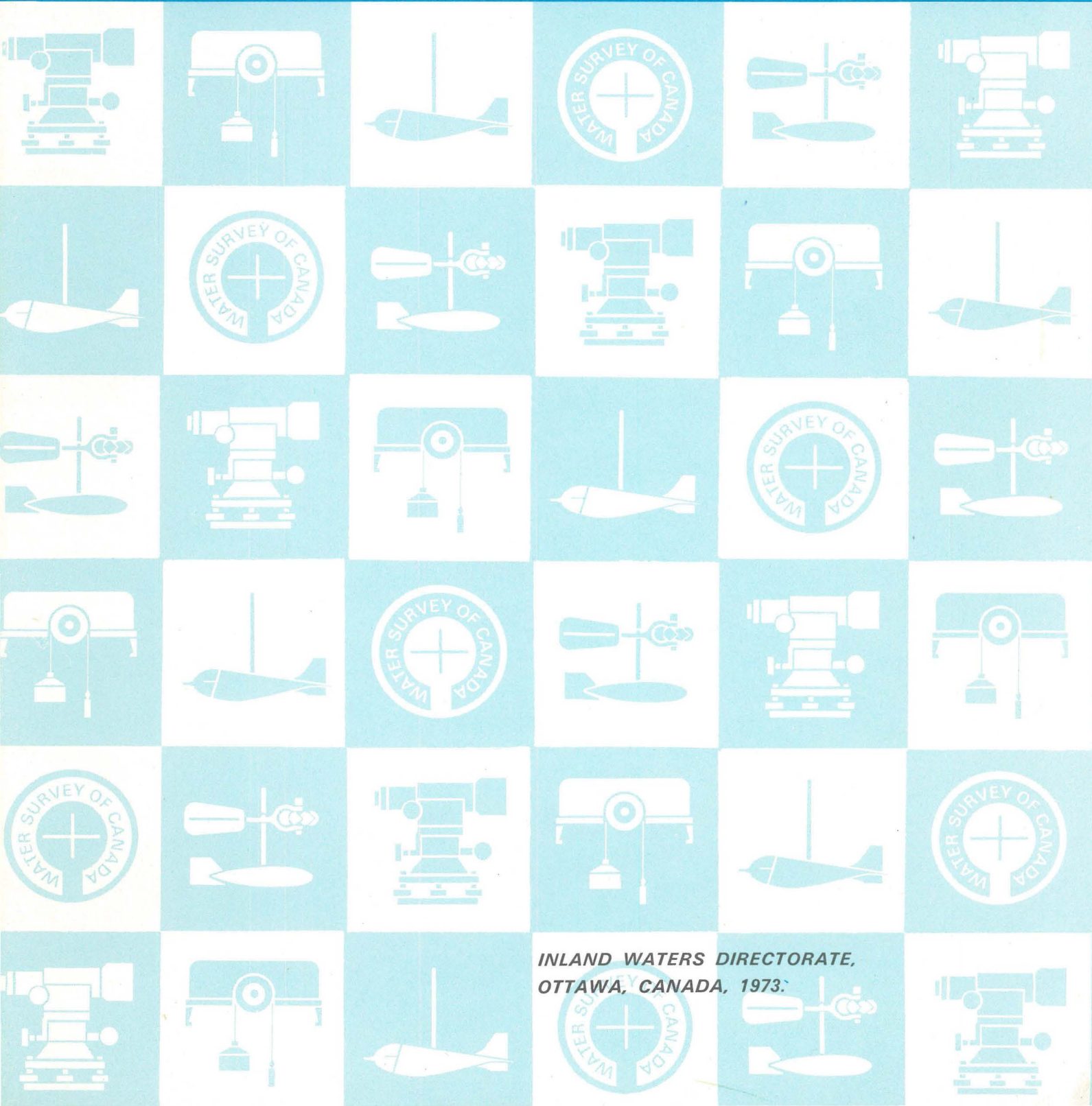


Environment
Canada

Environnement
Canada

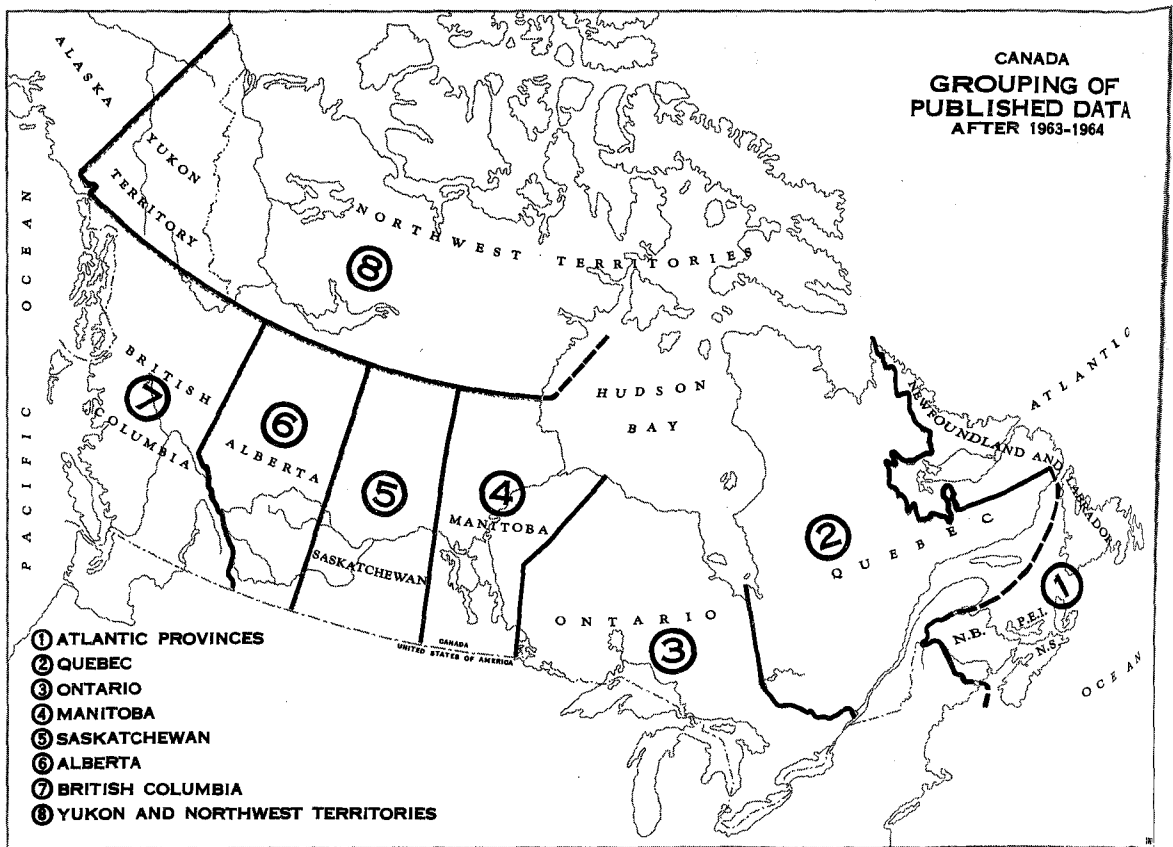
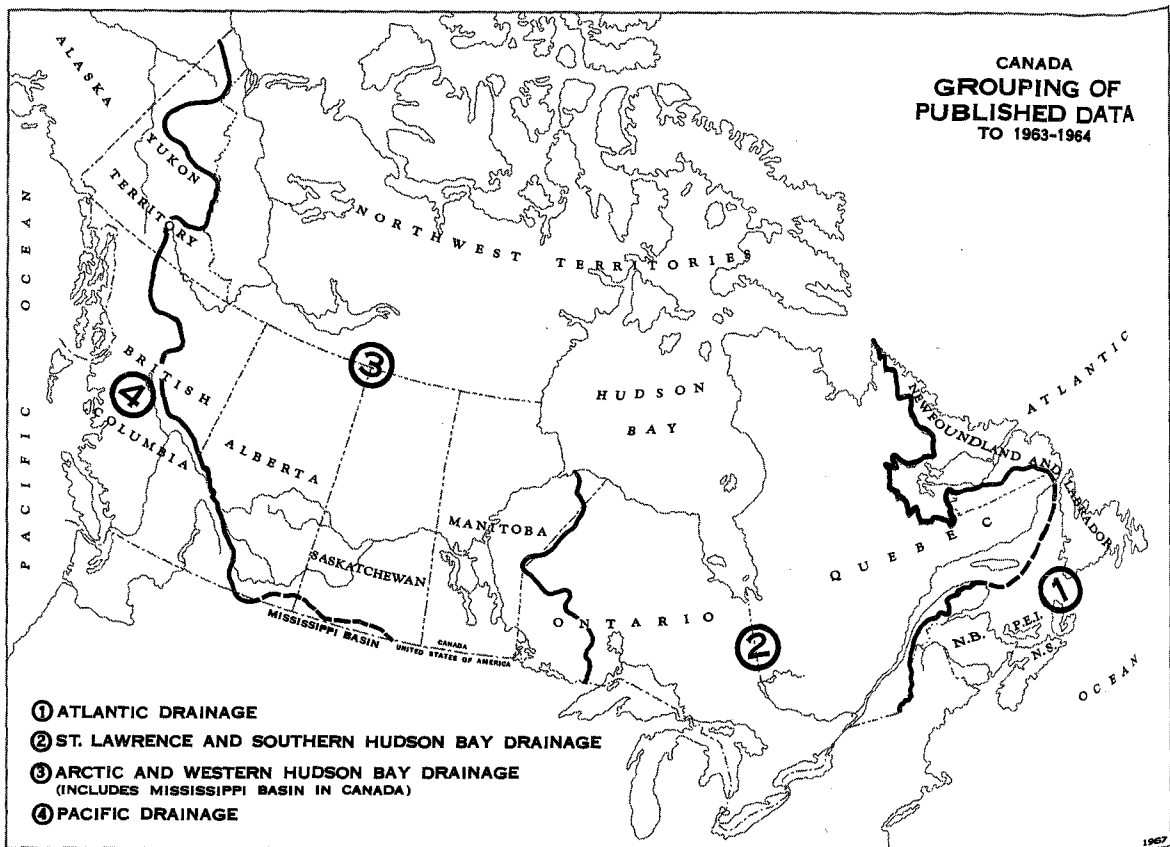
Surface Water Data Yukon and Northwest Territories 1972

WATER SURVEY OF CANADA



*INLAND WATERS DIRECTORATE,
OTTAWA, CANADA, 1973.*

51743
(1972)





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*INLAND WATERS DIRECTORATE,
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PREFACE

This Publication was prepared by personnel of the Water Survey of Canada under the direction of the Director-General, Inland Waters Directorate, Department of the Environment, Ottawa.

Effective January 1, 1973, as part of a re-organization of the Department of the Environment, the Water Survey of Canada became a Division of the Water Resources Branch, Inland Waters Directorate, Environmental Management Service. The basic data were collected and compiled under the supervision of the District Engineers at Calgary, Alberta; Winnipeg, Manitoba; Vancouver, British Columbia; and Halifax, Nova Scotia.

The co-operation received from various organizations is gratefully acknowledged.

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CALENDAR FOR 1972

| JANUARY | FEBRUARY | MARCH |
|----------------------|----------------------|----------------------|
| S M T W T F S | S M T W T F S | S M T W T F S |
| 1 | 1 2 3 4 5 | 1 2 3 4 |
| 2 3 4 5 6 7 8 | 6 7 8 9 10 11 12 | 5 6 7 8 9 10 11 |
| 9 10 11 12 13 14 15 | 13 14 15 16 17 18 19 | 12 13 14 15 16 17 18 |
| 16 17 18 19 20 21 22 | 20 21 22 23 24 25 26 | 19 20 21 22 23 24 25 |
| 23 24 25 26 27 28 29 | 27 28 29 | 26 27 28 29 30 31 |
| 30 31 | | |
| APRIL | MAY | JUNE |
| S M T W T F S | S M T W T F S | S M T W T F S |
| 1 | 1 2 3 4 5 6 | 1 2 3 |
| 2 3 4 5 6 7 8 | 7 8 9 10 11 12 13 | 4 5 6 7 8 9 10 |
| 9 10 11 12 13 14 15 | 14 15 16 17 18 19 20 | 11 12 13 14 15 16 17 |
| 16 17 18 19 20 21 22 | 21 22 23 24 25 26 27 | 18 19 20 21 22 23 24 |
| 23 24 25 26 27 28 29 | 28 29 30 31 | 25 26 27 28 29 30 |
| 30 | | |
| JULY | AUGUST | SEPTEMBER |
| S M T W T F S | S M T W T F S | S M T W T F S |
| 1 | 1 2 3 4 5 | 1 2 |
| 2 3 4 5 6 7 8 | 6 7 8 9 10 11 12 | 3 4 5 6 7 8 9 |
| 9 10 11 12 13 14 15 | 13 14 15 16 17 18 19 | 10 11 12 13 14 15 16 |
| 16 17 18 19 20 21 22 | 20 21 22 23 24 25 26 | 17 18 19 20 21 22 23 |
| 23 24 25 26 27 28 29 | 27 28 29 30 31 | 24 25 26 27 28 29 30 |
| 30 31 | | |
| OCTOBER | NOVEMBER | DECEMBER |
| S M T W T F S | S M T W T F S | S M T W T F S |
| 1 2 3 4 5 6 7 | 1 2 3 4 | 1 2 |
| 8 9 10 11 12 13 14 | 5 6 7 8 9 10 11 | 3 4 5 6 7 8 9 |
| 15 16 17 18 19 20 21 | 12 13 14 15 16 17 18 | 10 11 12 13 14 15 16 |
| 22 23 24 25 26 27 28 | 19 20 21 22 23 24 25 | 17 18 19 20 21 22 23 |
| 29 30 31 | 26 27 28 29 30 | 24 25 26 27 28 29 30 |
| | | 31 |

INTRODUCTION

The Water Resources Branch, Department of the Environment, herein presents for the 1972 calendar year, the results of the hydrometric survey investigations which were made in the Yukon and Northwest Territories by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

District Engineer,
Water Survey of Canada,
Water Resources Branch,
Department of the Environment,
700 Calgary Power Building,
100 - 12th Ave. S.W.,
Calgary, Alberta.

District Engineer,
Water Survey of Canada,
Water Resources Branch,
Department of the Environment,
Room 502,
1001 W. Pender St.,
Vancouver 1, B.C.

District Engineer,
Water Survey of Canada,
Water Resources Branch,
Department of the Environment,
521 Federal Building,
269 Main St.,
Winnipeg, Manitoba, R3C 1B2.

District Engineer,
Water Survey of Canada,
Water Resources Branch,
Department of the Environment,
P.O. Box 365,
Halifax, Nova Scotia.

or to the Director, Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0E7.

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1972, the hydrometric surveys in the Yukon and Northwest Territories were conducted by the Water Survey of Canada under agreement with the Territories.

CO-OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal — Northern Canada Power Commission, Ministry of Transport;
United States Geological Survey.

CONVENIENT EQUIVALENTS OF MEASUREMENT

The following is a list of convenient equivalents of measurement for use in hydraulic computations:

1 mile equals 5,280 feet.
1 square mile equals 640 acres.
1 acre equals 43,560 square feet or 0.0015625 square miles.
1 cubic foot of water weighs approximately 62.4 pounds.
1 cubic foot equals 6.23 Imperial gallons; equals 7.48 United States gallons.
1 foot per second equals 0.682 miles per hour.
1 cubic foot per second for one day equals 1.9835 acre-feet.
1 cubic foot per second for one day covers one square mile to a depth of 0.03719 inch.
1 foot equals 0.3048 metre.
1 acre equals 0.4047 hectare.
1 mile equals 1.60935 kilometres.
1 cubic metre per minute equals 0.5886 cubic foot per second.
1 horsepower equals 550 foot-pounds per second.
1 horsepower equals 76.0 kilogram-metres per second.
1 horsepower equals 746 watts or 0.746 kilowatt.
1 cubic foot per second acting through 1 foot of head gives 0.1135 horsepower or 0.0847 kilowatt.

Available water power at a site may be determined approximately as follows:

Cubic feet per second x fall in feet divided by 10 equals net horsepower from water wheel, realizing 88% of theoretical power.

DEFINITION OF TERMS AND ABBREVIATIONS

"Acre-foot" (ac-ft) is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic foot per second" (cfs) is a unit expressing rate of discharge. One cfs is equal to one cubic foot of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Convenient Equivalents of Measurement".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

A program for the collection and publication of surface water and sediment data has been carried on for a number of years.

Surface water data for the 1964 water year and earlier years were published in the Water Resources Papers series. Canada was divided into four main drainages and a separate Water Resources Paper was published for each drainage or province within the drainage. Each Paper was identified by a specific number and/or the year(s) for which the data were collected.

A new format was adopted in 1965 wherein Canada is divided into eight regions. The provinces each represent a separate region except for the Atlantic Provinces which together form one region, and the Yukon and Northwest Territories which make up another. The publications will be identified by the province(s) or territories covered and the year in which data were collected. Data were published on a water-year basis from 1965 to 1967. Commencing with the 1968 publications, data are published on a calendar-year basis. The 1968 publications contain data for the period October to December 1967. Commencing with the 1969 publications, the stations are listed alphabetically, with two years of data per page, and not by stream order with one year of data per page as heretofore. Commencing with the 1971 publications, the inclusion of month-end contents and change in contents for lake and reservoir stations was discontinued; those stations where a stage-contents relationship was determined are identified in the Surface Water Data Reference Index and daily, monthly or annual contents data are available upon application to the District Engineer.

The first edition of a Surface Water Data Reference Index for each province or region was published for 1966. The second edition includes a reference to available data to 1968. The format of the third edition was changed. It includes a reference to the available data to 1970 in one publication for Canada. Subsequent editions will be published annually. The gauging stations are listed by province or territory, in an upstream to downstream order. Coloured maps showing the locations of both active and discontinued stations are not included as in the first and second editions.

In 1972 the first edition of a new publication series titled Historical Streamflow Summary was produced. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for all streamflow stations where five or more years of streamflow data to 1970 inclusive have been obtained. These data will be published every three years.

During the years 1947 to 1960, some sediment data were collected for several prairie rivers to meet the demands of particular projects. The first publication containing sediment data, Water Resources Paper No. S-1, incorporates a selection of these data and also data for part of the year ending September 30, 1961 at stations established for the continuing program. The second issue, Water Resources Paper No. S-2, is a publication covering only the continuing program for the 1962 and 1963 water years. The third issue, Water Resources Paper No. S-3, is a publication for the 1964 water year. All future issues will be published on an annual basis, the same as the Surface Water Data publications, but for all sediment survey stations established across Canada, and will be identified by the year in which the data were collected.

METHOD OF TABULATION OF HYDROMETRIC SURVEY DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level or discharge* gives the daily water level in feet or the daily discharge in cubic feet per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A — Manual Gauge — indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B — Ice Conditions — indicates the presence of ice at the gauging station. For gauging stations where discharge data are obtained, this symbol indicates that the presence of ice has affected the stage-discharge relationship.

E — Estimated — indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, the following information is given for the year or period:

- (a) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
- (b) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given:

The monthly summary gives:

- (a) the total of the daily discharge values in cfs-days for complete months;
- (b) the mean discharge in cfs;
- (c) the total discharge in ac-ft;
- (d) the maximum and minimum daily discharges in cfs.

The summary for the year or period gives:

- (a) the mean discharge in cfs;
- (b) the total discharge in ac-ft;
- (c) the maximum and minimum daily discharges and their dates of first occurrence;
- (d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations — on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge — refers to the installation or method used to obtain water level or discharge data:

- (a) Manual — a non-recording type of gauge from which observations of stage normally are obtained once daily.
- (b) Recording — a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
- (c) Power Plant Rating — this indicates that records were obtained using the latest available rating of the Power Plant.

Location — the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area — this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station.

Contributed Data — if data were supplied in their entirety by an outside agency, the name of this co-operating agency is given.

Natural Flow or Regulated — where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Revisions — refers to changes made to previously published records. Revisions to daily discharges for some stations have not been published. Reference should be made to the 1968 publications which indicate where revised data have been published. Revisions to daily discharges will not be published in future Surface Water Data publications. However, those stations where a review of historical data has been conducted will be identified. The proposed Historical Streamflow Summary publication will include revisions to monthly and annual mean discharges. Detailed information on revisions to historical data are available from the appropriate District Engineer.

Gauge Datum — for stations where only water level data are available, the name of the datum to which water levels are referred is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate District Engineer.

ACCURACY OF HYDROMETRIC DATA

The accuracy statement previously given for discharge data from 1958 to 1968 has been discontinued because of the difficulty in establishing a uniform interpretation or assessment of the various factors which determine the true overall accuracy or the degree of reliability of the data.

The accuracy of hydrometric data depends upon (1) the stability of the stage-discharge relationship; or if the control is unstable, the frequency of discharge measurements, and (2) the accuracy of observations of stage, measurements of discharge and interpretation of records. Because of all the variable factors mentioned above, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data.

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, B and E.

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

HYDROMETRIC SURVEY DATA

NORTHWEST TERRITORIES

ALLEN RIVER NEAR THE MOUTH - STATION NO. 10TC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|-----|---------|--------|-----|-----|-----|-----|-------|
| 1 | --- | --- | --- | --- | --- | --- | 2.3 E | 167 | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 3.3 E | 212 | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 4.3 E | 172 | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 6.3 E | 175 | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 9.3 E | 202 | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 19.0 E | 140 | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 80.0 E | 159 | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 160 | E 288 | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 260 | E 398 | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 410 | E 456 | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 800 E | 198 | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 1600 E | 265 | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 1350 E | 152 | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 1100 E | 59.9 | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 1050 | 38.9 | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 1610 | 25.7 E | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 1990 | 15.8 E | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 2280 | 38.2 E | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 1570 | 59.8 | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 1540 | 40.0 A | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 1290 | 16.5 E | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 1140 | 8.2 E | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 1190 | 10.2 E | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 629 | 14.0 E | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 560 | 8.2 E | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 364 | 4.7 E | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 266 | 3.1 E | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 420 | 2.1 E | --- | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | 331 | 1.7 E | --- | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | 109 | 1.4 E | --- | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 211 | 1.2 E | --- | --- | --- | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 22354.5 | 3333.6 | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 721 | 108 | --- | --- | --- | --- | MEAN |
| AC-FT | --- | --- | --- | --- | --- | --- | 44300 | 6610 | --- | --- | --- | --- | AC-FT |
| MAX | --- | --- | --- | --- | --- | --- | 2280 | 456 | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 2.3 | 1.2 | --- | --- | --- | --- | MIN |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY DISCHARGE, 2280 CFS ON JUL 18

MAXIMUM INSTANTANEOUS DISCHARGE
3630 CFS AT 2200 EST ON JUL 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 74 50 20 N
LONG 95 03 30 W
DRAINAGE AREA 173 SQ MILES

A-MANUAL GAUGE
E-ESTIMATED
NATURAL FLOW

ANDERSON RIVER BELOW CARNWATH RIVER - STATION NO. 10NC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|--------|-------|
| 1 | 2530 B | 1380 B | 1110 B | 824 B | 1040 B | --- | --- | 9310 | 10700 | 5560 B | 2750 B | 2010 B | 1 |
| 2 | 2500 B | 1370 B | 1100 B | 815 B | 1050 B | --- | --- | 9080 | 10700 | 5400 B | 2700 B | 2000 B | 2 |
| 3 | 2440 B | 1360 B | 1090 B | 806 B | 1070 B | --- | --- | 8780 | 11000 | 5220 B | 2680 B | 1980 B | 3 |
| 4 | 2400 B | 1350 B | 1090 B | 796 B | 1080 B | --- | --- | 8480 | 10900 | 5070 B | 2650 B | 1950 B | 4 |
| 5 | 2350 B | 1350 B | 1080 B | 787 B | 1090 B | --- | --- | 8170 | 10800 | 4900 B | 2620 B | 1930 B | 5 |
| 6 | 2300 B | 1340 B | 1070 B | 778 B | 1110 B | --- | --- | 8020 | 10500 | 4760 B | 2590 B | 1910 B | 6 |
| 7 | 2260 B | 1330 B | 1060 B | 768 B | 1120 B | --- | --- | 7840 | 10100 | 4610 B | 2570 B | 1900 B | 7 |
| 8 | 2210 B | 1320 B | 1050 B | 759 B | 1140 B | --- | --- | 7670 | 9640 | 4490 B | 2540 B | 1880 B | 8 |
| 9 | 2180 B | 1310 B | 1040 B | 750 B | 1150 B | --- | --- | 7570 | 9310 | 4360 B | 2510 B | 1860 B | 9 |
| 10 | 2120 B | 1300 B | 1030 B | 741 B | 1170 B | --- | --- | 7440 | 9030 | 4240 B | 2480 B | 1840 B | 10 |
| 11 | 2090 B | 1290 B | 1020 B | 755 B | 1180 B | --- | --- | 7400 | 8800 | 4120 B | 2460 B | 1820 B | 11 |
| 12 | 2050 B | 1280 B | 1010 B | 769 B | 1200 B | --- | --- | 7280 | 8560 | 4010 B | 2440 B | 1800 B | 12 |
| 13 | 2000 B | 1270 B | 1000 B | 783 B | 1240 B | --- | --- | 7160 | 8380 | 3900 B | 2410 B | 1780 B | 13 |
| 14 | 1970 B | 1260 B | 992 B | 797 B | 1250 B | --- | --- | 7070 | 8200 | 3800 B | 2380 B | 1760 B | 14 |
| 15 | 1920 B | 1250 B | 982 B | 812 B | 1280 B | 61000 A | --- | 6980 | 8040 | 3710 B | 2360 B | 1750 B | 15 |
| 16 | 1890 B | 1240 B | 973 B | 826 B | 1330 B | --- | --- | 6890 | 7940 | 3620 B | 2340 B | 1730 B | 16 |
| 17 | 1850 B | 1230 B | 964 B | 840 B | 1280 B | 46500 A | --- | 6840 | 7790 | 3530 B | 2320 B | 1710 B | 17 |
| 18 | 1800 B | 1220 B | 954 B | 854 B | 1300 B | --- | --- | 6710 | 7620 | 3460 B | 2290 B | 1700 B | 18 |
| 19 | 1770 B | 1220 B | 945 B | 868 B | 1320 B | --- | --- | 6620 | 7470 | 3390 B | 2270 B | 1680 B | 19 |
| 20 | 1720 B | 1210 B | 936 B | 882 B | 1330 B | --- | --- | 6540 | 7350 | 3300 B | 2250 B | 1660 B | 20 |
| 21 | 1680 B | 1200 B | 926 B | 896 B | 1460 B | --- | --- | 6470 | 7210 | 3240 B | 2220 B | 1640 B | 21 |
| 22 | 1630 B | 1190 B | 917 B | 910 B | 1640 B | --- | 12500 A | 6370 | 7090 | 3180 B | 2200 B | 1620 B | 22 |
| 23 | 1600 B | 1180 B | 908 B | 924 B | 1600 B | --- | 12200 | 6280 | 6890 | 3120 B | 2180 B | 1610 B | 23 |
| 24 | 1560 B | 1170 B | 899 B | 938 B | 1540 B | --- | 12100 | 6260 | 6840 | 3070 B | 2160 B | 1600 B | 24 |
| 25 | 1510 B | 1160 B | 889 B | 953 B | 1550 B | --- | 11800 | 6580 | 6730 | 3010 B | 2140 B | 1590 B | 25 |
| 26 | 1490 B | 1150 B | 880 B | 967 B | 1640 B | --- | 11500 | 7620 | 6640 | 2980 B | 2110 B | 1570 B | 26 |
| 27 | 1460 B | 1140 B | 871 B | 981 B | 1640 B | --- | 11200 | 11400 | 6580 | 2920 B | 2090 B | 1550 B | 27 |
| 28 | 1430 B | 1130 B | 861 B | 995 B | 1670 B | --- | 10700 | 12700 | 6390 | 2880 B | 2070 B | 1530 B | 28 |
| 29 | 1410 B | 1120 B | 852 B | 1010 B | 2000 B | --- | 10300 | 12000 | 6200 | 2830 B | 2050 B | 1510 B | 29 |
| 30 | 1400 B | --- | 843 B | 1020 B | 3120 B | --- | 9970 | 11200 | 5960 | 2800 B | 2030 B | 1500 B | 30 |
| 31 | 1390 B | --- | 833 B | --- | 10000 B | --- | 9670 | 10700 | --- | 2780 B | --- | 1490 B | 31 |
| TOTAL | 58910 | 36320 | 30175 | 25604 | 51590 | --- | --- | 249430 | 249360 | 118260 | 70860 | 53860 | TOTAL |
| MEAN | 1900 | 1250 | 973 | 853 | 1660 | --- | --- | 8050 | 8310 | 3810 | 2360 | 1740 | MEAN |
| AC-FT | 117000 | 72000 | 59900 | 50800 | 102000 | --- | --- | 495000 | 495000 | 235000 | 141000 | 107000 | AC-FT |
| MAX | 2530 | 1380 | 1110 | 1020 | 10000 | --- | --- | 12700 | 11000 | 5560 | 2750 | 2010 | MAX |
| MIN | 1390 | 1120 | 833 | 741 | 1040 | --- | --- | 6260 | 5960 | 2780 | 2030 | 1490 | MIN |

TYPE OF GAUGE - RECORDING
LOCATION - LAT 68 38 00 N
LONG 128 24 30 W
DRAINAGE AREA 18700 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS
NATURAL FLOW

NORTHWEST TERRITORIES

ARCTIC RED RIVER NEAR MARTIN HOUSE - STATION NO. 10LA002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|---------|---------|---------|--------|--------|--------|--------|--------|-------|-------|
| 1 | 555 B | 330 B | 301 B | 334 B | 1430 B | 31200 B | 18700 | 8130 | 7330 | 3370 | 1130 B | 711 B | 1 |
| 2 | 546 B | 329 B | 300 B | 336 B | 1490 B | 35500 B | 15900 | 7870 | 6790 | 3250 | 1020 B | 709 B | 2 |
| 3 | 538 B | 328 B | 301 B | 337 B | 1550 B | 39900 B | 13600 | 15700 | 7000 | 3140 B | 979 B | 706 B | 3 |
| 4 | 529 B | 327 B | 302 B | 338 B | 1600 B | 44200 B | 12200 | 17700 | 6740 | 3030 B | 896 B | 704 B | 4 |
| 5 | 520 B | 326 B | 303 B | 339 B | 1660 B | 48600 | 10500 | 13800 | 9160 | 2940 B | 822 B | 702 B | 5 |
| 6 | 511 B | 325 B | 305 B | 340 B | 1720 B | 39400 | 8980 | 10800 | 8270 | 2820 B | 767 B | 700 B | 6 |
| 7 | 503 B | 324 B | 306 B | 341 B | 1780 B | 33700 | 8070 | 9010 | 7410 | 2720 B | 761 B | 698 B | 7 |
| 8 | 494 B | 323 B | 307 B | 342 B | 1830 B | 35100 | 7610 | 8070 | 6710 | 2630 B | 759 B | 696 B | 8 |
| 9 | 485 B | 322 B | 308 B | 344 B | 1890 B | 34100 | 8480 | 8010 | 6030 | 2550 B | 757 B | 694 B | 9 |
| 10 | 476 B | 321 B | 309 B | 345 B | 1950 B | 28700 | 7840 | 9520 | 5740 | 2460 B | 755 B | 692 B | 10 |
| 11 | 468 B | 320 B | 310 B | 346 B | 2000 B | 31500 | 6870 | 10200 | 5350 | 2380 B | 753 B | 690 B | 11 |
| 12 | 459 B | 319 B | 311 B | 347 B | 2060 B | 28900 | 6280 | 8860 | 5200 | 2290 B | 751 B | 688 B | 12 |
| 13 | 450 B | 318 B | 312 B | 404 B | 2120 B | 23500 | 5860 | 7670 | 5350 | 2200 B | 748 B | 685 B | 13 |
| 14 | 441 B | 317 B | 314 B | 461 B | 2170 B | 23600 | 5530 | 7060 | 5890 | 2120 B | 746 B | 683 B | 14 |
| 15 | 433 B | 316 B | 315 B | 518 B | 2230 B | 23800 | 5400 | 7390 | 9160 | 2050 B | 744 B | 681 B | 15 |
| 16 | 424 B | 315 B | 316 B | 575 B | 2290 B | 22600 | 5530 | 7640 | 11200 | 1990 B | 742 B | 679 B | 16 |
| 17 | 415 B | 314 B | 317 B | 633 B | 2350 B | 20300 | 6030 | 7270 | 12700 | 1900 B | 740 B | 677 B | 17 |
| 18 | 406 B | 313 B | 318 B | 690 B | 2400 B | 18000 | 6030 | 6950 | 12800 | 1830 B | 738 B | 675 B | 18 |
| 19 | 398 B | 312 B | 320 B | 747 B | 2460 B | 20000 | 5790 | 10500 | 11700 | 1770 B | 736 B | 673 B | 19 |
| 20 | 389 B | 311 B | 321 B | 804 B | 3170 B | 18000 | 6920 | 14900 | 9830 | 1700 B | 734 B | 671 B | 20 |
| 21 | 380 B | 310 B | 322 B | 861 B | 4050 B | 16000 | 6920 | 12900 | 8360 | 1630 B | 732 B | 669 B | 21 |
| 22 | 371 B | 309 B | 323 B | 918 B | 5690 B | 12700 | 10700 | 10700 | 7110 | 1580 B | 730 B | 667 B | 22 |
| 23 | 363 B | 308 B | 324 B | 975 B | 9430 B | 10600 | 10800 | 9280 | 5930 | 1510 B | 727 B | 665 B | 23 |
| 24 | 354 B | 307 B | 325 B | 1030 B | 8740 B | 9890 | 14700 | 8390 | 4940 | 1450 B | 725 B | 663 B | 24 |
| 25 | 345 B | 306 B | 326 B | 1090 B | 9990 B | 10600 | 13200 | 7690 | 4520 | 1400 B | 723 B | 661 B | 25 |
| 26 | 336 B | 305 B | 328 B | 1150 B | 9890 B | 10900 | 11100 | 7810 | 4220 | 1340 B | 721 B | 659 B | 26 |
| 27 | 335 B | 304 B | 329 B | 1200 B | 9430 B | 14800 | 9310 | 8240 | 3970 | 1300 B | 719 B | 657 B | 27 |
| 28 | 334 B | 303 B | 330 B | 1260 B | 13800 B | 19000 | 8240 | 7530 | 3730 | 1270 B | 717 B | 655 B | 28 |
| 29 | 333 B | 302 B | 331 B | 1320 B | 18100 B | 21100 | 7900 | 8070 | 3530 | 1220 B | 715 B | 653 B | 29 |
| 30 | 332 B | 301 B | 332 B | 1380 B | 22500 B | 21600 | 9580 | 8450 | 3370 | 1220 B | 713 B | 651 B | 30 |
| 31 | 331 B | 300 B | 333 B | 26800 B | 1430 | 26800 B | 9070 | 8040 | 3370 | 1200 B | 711 B | 649 B | 31 |
| TOTAL | 13254 | 9164 | 9800 | 20105 | 178570 | 747790 | 287640 | 294150 | 212040 | 64260 | 23300 | 21063 | TOTAL |
| MEAN | 428 | 316 | 316 | 670 | 5760 | 24900 | 9280 | 9490 | 7070 | 2070 | 777 | 679 | MEAN |
| AC-FT | 26300 | 18200 | 19400 | 39900 | 354000 | 1480000 | 571000 | 583000 | 421000 | 127000 | 46200 | 41800 | AC-FT |
| MAX | 555 | 330 | 333 | 1380 | 26800 | 48600 | 18700 | 17700 | 12800 | 3370 | 1130 | 711 | MAX |
| MIN | 331 | 302 | 300 | 334 | 1430 | 9890 | 5400 | 6950 | 3370 | 1200 | 713 | 649 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 5140 CFS
 TOTAL DISCHARGE, 3730000 AC-FT
 MAXIMUM DAILY DISCHARGE, 48600 CFS ON JUN 5
 MINIMUM DAILY DISCHARGE, 300 CFS ON MAR 2

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 66 47 10 N
 LONG 133 06 00 W
 DRAINAGE AREA 5840 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

BACK RIVER BELOW DEEP ROSE LAKE - STATION NO. 10RC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|-------|
| 1 | 3600 B | 1530 B | 1610 B | 1770 B | 1140 B | 934 B | 12100 | 51400 | 19900 | 14100 | 7280 | 3480 | 1 |
| 2 | 3530 B | 1520 B | 1600 B | 1710 B | 1140 B | 919 B | 2460 | 49100 | 19300 | 13800 | 6850 | 3520 | 2 |
| 3 | 3460 B | 1560 B | 1600 B | 1710 B | 1130 B | 911 B | 2290 | 47400 | 19300 | 13600 | 6540 | 3540 | 3 |
| 4 | 3390 B | 1570 B | 1610 B | 1750 B | 1120 B | 907 B | 1690 | 45700 | 19200 | 13300 | 6350 | 3500 | 4 |
| 5 | 3330 B | 1570 B | 1610 B | 1690 B | 1110 B | 907 B | 1510 | 44300 | 19000 | 12700 | 6050 | 3440 | 5 |
| 6 | 3260 B | 1580 B | 1590 B | 1670 B | 1110 B | 907 B | 1590 | 42800 | 18900 | 12100 | 5650 | 3390 | 6 |
| 7 | 3190 B | 1570 B | 1580 B | 1700 B | 1110 B | 904 B | 3690 | 41600 | 18700 | 11500 | 5380 | 3320 | 7 |
| 8 | 3120 B | 1590 B | 1580 B | 1650 B | 1100 B | 906 B | 8030 | 40000 | 18400 | 10900 | 5230 | 3170 | 8 |
| 9 | 3050 B | 1630 B | 1560 B | 1660 B | 1100 B | 905 B | 13500 | 38900 | 17700 | 10500 | 5010 | 3050 | 9 |
| 10 | 2980 B | 1610 B | 1570 B | 1660 B | 1090 B | 907 B | 19400 | 37700 | 17400 | 10400 | 4910 | 3030 B | 10 |
| 11 | 2920 B | 1610 B | 1560 B | 1680 B | 1090 B | 896 B | 25600 | 36600 | 17300 | 10500 | 4790 | 3010 B | 11 |
| 12 | 2850 B | 1600 B | 1550 B | 1640 B | 1090 B | 890 B | 31600 | 35300 | 16900 | 10600 | 4740 | 2980 B | 12 |
| 13 | 2780 B | 1570 B | 1550 B | 1620 B | 1080 B | 881 B | 37600 | 34200 | 16700 | 10700 | 4740 | 2960 B | 13 |
| 14 | 2710 B | 1570 B | 1560 B | 1590 B | 1080 B | 881 B | 43600 | 32900 | 16700 | 10600 | 4720 | 2930 B | 14 |
| 15 | 2640 B | 1550 B | 1540 B | 1690 B | 1070 B | 906 | 50100 | 31600 | 16700 | 10400 | 4710 | 2900 B | 15 |
| 16 | 2570 B | 1550 B | 1520 B | 1750 B | 1070 B | 973 | 57200 | 30600 | 16700 | 10100 | 4670 | 2880 B | 16 |
| 17 | 2510 B | 1590 B | 1510 B | 1660 B | 1060 B | 1110 | 62900 | 29600 | 16800 | 9660 | 4590 | 2850 B | 17 |
| 18 | 2440 B | 1610 B | 1510 B | 1520 B | 1050 B | 1190 | 68900 | 28800 | 16700 | 9020 | 4550 | 2820 B | 18 |
| 19 | 2370 B | 1640 B | 1490 B | 1460 B | 1040 B | 1350 | 74000 | 27500 | 16600 | 8410 | 4530 | 2800 B | 19 |
| 20 | 2300 B | 1640 B | 1480 B | 1480 B | 1010 B | 1670 | 79000 | 26600 | 16400 | 8120 | 4490 | 2770 B | 20 |
| 21 | 2230 B | 1650 B | 1480 B | 1470 B | 995 B | 2150 | 81500 | 25600 | 16200 | 7720 | 4390 | 2740 B | 21 |
| 22 | 2170 B | 1670 B | 1500 B | 1440 B | 988 B | 2850 | 78100 | 24900 | 15900 | 7620 | 4180 | 2720 B | 22 |
| 23 | 2100 B | 1680 B | 1500 B | 1410 B | 987 B | 3750 | 76500 | 24400 | 15800 | 7450 | 3850 | 2690 B | 23 |
| 24 | 2030 B | 1650 B | 1620 B | 1400 B | 995 B | 5550 | 72600 | 23600 | 15400 | 7030 | 3670 | 2670 B | 24 |
| 25 | 1960 B | 1620 B | 1730 B | 1360 B | 988 B | 9300 | 69300 | 22900 | 15200 | 6800 | 3620 | 2640 B | 25 |
| 26 | 1890 B | 1610 B | 1830 B | 1350 B | 982 B | 15300 | 65800 | 22500 | 15200 | 6850 | 3600 | 2610 B | 26 |
| 27 | 1820 B | 1600 B | 1930 B | 1220 B | 963 B | 19500 | 63200 | 22400 | 15100 | 7040 | 3650 | 2590 B | 27 |
| 28 | 1760 B | 1600 B | 1970 B | 1140 B | 951 B | 28900 | 60500 | 21800 | 14800 | 7180 | 3580 | 2560 B | 28 |
| 29 | 1690 B | 1600 B | 1870 B | 1130 B | 946 B | 45900 | 57900 | 21200 | 14400 | 7340 | 3510 | 2530 B | 29 |
| 30 | 1620 B | 1600 B | 1880 B | 1150 B | 936 B | 31100 | 55400 | 20700 | 14200 | 7450 | 3480 | 2510 B | 30 |
| 31 | 1550 B | 1600 B | 1930 B | 929 B | 929 B | 929 B | 53300 | 20500 | 14000 | 7520 | 3480 | 2480 B | 31 |
| TOTAL | 79820 | 46340 | 50420 | 46130 | 32450 | 184154 | 1330860 | 1003100 | 507500 | 301010 | 143310 | 91080 | TOTAL |
| MEAN | 2570 | 1600 | 1630 | 1540 | 1050 | 6140 | 42900 | 32400 | 16900 | 9710 | 4780 | 2940 | MEAN |
| AC-FT | 158000 | 91900 | 100000 | 91500 | 64400 | 365000 | 2640000 | 1990000 | 1010000 | 597000 | 284000 | 181000 | AC-FT |
| MAX | 3600 | 1680 | 1970 | 1770 | 1140 | 45900 | 81500 | 51400 | 19900 | 14100 | 7280 | 3540 | MAX |
| MIN | 1550 | 1520 | 1480 | 1130 | 929 | 881 | 1510 | 20500 | 14200 | 6800 | 3480 | 2480 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 10400 CFS
 TOTAL DISCHARGE, 7570000 AC-FT
 MAXIMUM DAILY DISCHARGE, 81500 CFS ON JUL 21
 MINIMUM DAILY DISCHARGE, 881 CFS ON JUN 13

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 66 05 00 N
 LONG 96 30 00 W
 DRAINAGE AREA 33100 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

NORTHWEST TERRITORIES

BAKER CREEK MAIN STEM - STATION NO. 07SB009

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|--------|-------|-------|-------|-------|--------|--------|--------|-------|
| 1 | 0 B | 0 B | 0 B | 0 B | 0 B | 21.8 | 11.9 | 2.4 | 0.73 | 0.29 | 0.26 B | 0.12 B | 1 |
| 2 | 0 B | 0 B | 0 B | 0 B | 0.5 B | 21.8 | 11.5 | 2.2 | 0.65 | 0.33 | 0.26 B | 0.11 B | 2 |
| 3 | 0 B | 0 B | 0 B | 0 B | 1.0 B | 22.5 | 10.7 | 2.0 | 0.59 | 0.56 | 0.26 B | 0.10 B | 3 |
| 4 | 0 B | 0 B | 0 B | 0 B | 1.5 B | 22.9 | 10.1 | 1.8 | 0.47 | 0.59 | 0.26 B | 0.09 B | 4 |
| 5 | 0 B | 0 B | 0 B | 0 B | 2.0 B | 22.5 | 9.7 | 1.7 | 0.38 | 0.53 | 0.26 B | 0.08 B | 5 |
| 6 | 0 B | 0 B | 0 B | 0 B | 1.5 B | 21.8 | 10.1 | 1.5 | 0.31 | 0.56 | 0.25 B | 0.07 B | 6 |
| 7 | 0 B | 0 B | 0 B | 0 B | 1.0 B | 21.5 | 10.1 | 1.4 | 0.27 | 0.47 E | 0.25 B | 0.06 B | 7 |
| 8 | 0 B | 0 B | 0 B | 0 B | 4.1 B | 21.1 | 10.1 | 1.3 | 0.27 | 0.37 E | 0.25 B | 0.05 B | 8 |
| 9 | 0 B | 0 B | 0 B | 0 B | 9.5 B | 20.8 | 9.7 | 1.4 | 0.23 | 0.28 E | 0.25 B | 0.04 B | 9 |
| 10 | 0 B | 0 B | 0 B | 0 B | 10.1 B | 20.5 | 9.0 | 1.4 | 0.18 | 0.18 B | 0.25 B | 0.03 B | 10 |
| 11 | 0 B | 0 B | 0 B | 0 B | 9.0 B | 19.8 | 8.4 | 1.3 | 0.17 | 0.21 B | 0.25 B | 0.02 B | 11 |
| 12 | 0 B | 0 B | 0 B | 0 B | 7.4 B | 19.1 | 8.1 | 1.3 | 0.13 | 0.24 B | 0.24 B | 0.01 B | 12 |
| 13 | 0 B | 0 B | 0 B | 0 B | 8.2 B | 18.5 | 7.2 | 1.3 | 0.14 | 0.26 B | 0.24 B | 0 B | 13 |
| 14 | 0 B | 0 B | 0 B | 0 B | 7.9 B | 17.4 | 6.7 | 1.2 | 0.10 | 0.29 B | 0.24 B | 0 B | 14 |
| 15 | 0 B | 0 B | 0 B | 0 B | 7.9 B | 16.8 | 6.4 | 1.1 | 0.18 | 0.29 B | 0.24 B | 0 B | 15 |
| 16 | 0 B | 0 B | 0 B | 0 B | 8.8 B | 16.5 | 5.8 | 1.1 | 0.93 | 0.29 B | 0.24 B | 0 B | 16 |
| 17 | 0 B | 0 B | 0 B | 0 B | 9.9 B | 15.7 | 5.3 | 1.1 | 0.85 | 0.28 B | 0.24 B | 0 B | 17 |
| 18 | 0 B | 0 B | 0 B | 0 B | 11.9 B | 15.0 | 4.8 | 1.1 | 0.62 | 0.28 B | 0.23 B | 0 B | 18 |
| 19 | 0 B | 0 B | 0 B | 0 B | 14.0 B | 14.2 | 4.3 | 1.2 | 0.59 | 0.28 B | 0.23 B | 0 B | 19 |
| 20 | 0 B | 0 B | 0 B | 0 B | 15.5 B | 14.0 | 4.2 | 1.3 | 0.50 | 0.28 B | 0.23 B | 0 B | 20 |
| 21 | 0 B | 0 B | 0 B | 0 B | 16.2 B | 14.0 | 3.8 | 1.2 | 0.47 | 0.28 B | 0.22 B | 0 B | 21 |
| 22 | 0 B | 0 B | 0 B | 0 B | 17.1 B | 13.7 | 3.5 | 1.3 | 0.44 | 0.28 B | 0.21 B | 0 B | 22 |
| 23 | 0 B | 0 B | 0 B | 0 B | 17.7 | 13.5 | 3.4 | 1.3 | 0.44 | 0.27 B | 0.20 B | 0 B | 23 |
| 24 | 0 B | 0 B | 0 B | 0 B | 18.2 | 13.0 | 3.3 | 1.3 | 0.41 | 0.27 B | 0.19 B | 0 B | 24 |
| 25 | 0 B | 0 B | 0 B | 0 B | 19.1 | 12.6 | 2.9 | 1.3 | 0.41 | 0.27 B | 0.18 B | 0 B | 25 |
| 26 | 0 B | 0 B | 0 B | 0 B | 20.1 | 11.9 | 2.7 | 1.2 | 0.38 | 0.27 B | 0.17 B | 0 B | 26 |
| 27 | 0 B | 0 B | 0 B | 0 B | 21.1 | 13.3 | 2.2 | 1.0 | 0.35 | 0.27 B | 0.16 B | 0 B | 27 |
| 28 | 0 B | 0 B | 0 B | 0 B | 21.1 | 12.8 | 2.2 | 1.0 | 0.33 | 0.27 B | 0.15 B | 0 B | 28 |
| 29 | 0 B | 0 B | 0 B | 0 B | 21.8 | 12.4 | 2.8 | 1.1 | 0.27 | 0.27 B | 0.14 B | 0 B | 29 |
| 30 | 0 B | 0 B | 0 B | 0 B | 22.5 | 12.1 | 2.7 | 0.93 | 0.23 | 0.26 B | 0.13 B | 0 B | 30 |
| 31 | 0 B | 0 B | 0 B | 0 B | 21.5 | | 2.7 | 0.85 | | 0.26 B | | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 348.1 | 513.5 | 196.3 | 41.58 | 12.02 | 9.83 | 6.68 | 0.78 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 11.2 | 17.1 | 6.3 | 1.3 | 0.40 | 0.32 | 0.22 | 0.03 | MEAN |
| AC-FT | 0 | 0 | 0 | 0 | 690 | 1020 | 389 | 82.5 | 23.8 | 19.5 | 13.2 | 1.5 | AC-FT |
| MAX | 0 | 0 | 0 | 0 | 22.5 | 22.9 | 11.9 | 2.4 | 0.93 | 0.59 | 0.26 | 0.12 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 11.9 | 2.2 | 0.85 | 0.10 | 0.18 | 0.13 | 0 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 3.1 CFS
 TOTAL DISCHARGE, 2240 AC-FT
 MAXIMUM DAILY DISCHARGE, 22.9 CFS ON JUN 4
 MINIMUM DAILY DISCHARGE, 0 CFS ON JAN 1

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 30 35 N
 LONG 114 21 49 W
 DRAINAGE AREA 55.7 SQ MILES

B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

MAXIMUM INSTANTANEOUS DISCHARGE
 22.9 CFS ON JUN 4

BAKER LAKE AT BAKER LAKE - STATION NO. 06MA001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|--------|--------|--------|--------|-------|-------|--------|-------|-------|-------|-------|--------|-----|
| 1 | 25.23 | --- | 25.10 | --- | 23.82 | 24.77 | 27.66 | 26.77 | 26.20 | 26.19 | 24.89 | 25.41 | 1 |
| 2 | 25.37 | 25.21A | 25.00 | --- | 23.87 | 24.86 | 27.68 | 26.73 | 26.45 | 26.20 | 24.93 | 25.39 | 2 |
| 3 | 25.45 | 25.26A | 24.97 | --- | 23.91 | 24.93 | 27.69 | 26.66 | 26.51 | 26.21 | 24.99 | 25.37 | 3 |
| 4 | 25.47 | --- | 24.95 | --- | 23.97 | 25.01 | 27.69 | 26.57 | 26.69 | 25.82 | 25.08 | 25.42 | 4 |
| 5 | 25.42 | --- | 24.92 | 24.44A | 23.98 | 25.01 | 27.68 | 26.49 | 26.57 | 25.39 | 25.07 | 25.47 | 5 |
| 6 | 25.33 | --- | 24.88 | 24.49A | 23.98 | 25.02 | 27.66 | 26.40 | 26.58 | 25.32 | 24.98 | 25.42 | 6 |
| 7 | 25.24 | 25.51A | 24.90 | 24.48 | 24.04 | 25.05 | 27.66 | 26.37 | 26.64 | 25.26 | 24.96 | 25.36 | 7 |
| 8 | 25.17 | 25.57 | 24.88 | 24.39 | 24.05 | 25.08 | 27.65 | 26.33 | 26.08 | 25.23 | 24.95 | 25.36 | 8 |
| 9 | 25.08 | 25.48 | 24.87 | 24.23 | 24.03 | 25.06 | 27.84A | 26.34 | 25.79 | 25.31 | 25.00 | 25.34 | 9 |
| 10 | 25.03 | 25.37 | 24.85 | 24.11 | 24.07 | 25.06 | --- | 26.38 | 25.85 | 25.40 | 25.08 | 25.31 | 10 |
| 11 | 25.06 | 25.24 | 24.73 | 24.09 | 24.06 | 25.06 | 28.19A | 26.40 | 25.80 | 25.23 | 25.07 | 25.28 | 11 |
| 12 | 25.02 | 25.14 | 24.67 | 24.14 | 24.09 | 25.10 | --- | 26.36 | 25.81 | 25.21 | 25.07 | 25.22 | 12 |
| 13 | 24.93 | 25.13 | 24.71 | 24.19 | 24.17 | 25.16 | --- | 26.31 | 25.87 | 25.24 | 25.09 | 25.22 | 13 |
| 14 | 24.79 | 25.12 | 24.76 | 24.22 | 24.28 | 25.19 | 28.26A | 26.26 | 25.85 | 25.16 | 25.05 | 25.21 | 14 |
| 15 | 24.78 | 25.05 | 24.72 | 24.23 | 24.39 | 25.23 | 28.24 | 26.35 | 25.75 | 25.19 | 25.03 | 25.16 | 15 |
| 16 | 24.73 | 25.02 | 24.85 | 24.26 | 24.51 | 25.30 | 28.25 | 26.45 | 25.73 | 25.15 | 25.05 | 25.13 | 16 |
| 17 | 24.67 | 25.06 | 24.92 | 24.29 | 24.57 | 25.39 | 28.20 | 26.43 | 25.58 | 25.20 | 25.08 | 25.14 | 17 |
| 18 | 24.67 | 25.01 | 24.94 | 24.28 | 24.58 | 25.45 | 28.03 | 26.22 | 25.26 | 25.17 | 25.07 | 25.09 | 18 |
| 19 | 24.74 | 24.96 | 24.95 | 24.26 | 24.55 | 25.56 | 27.87 | 26.02 | 25.05 | 25.13 | 25.18 | 25.06 | 19 |
| 20 | 24.86 | 24.87 | 24.92 | 24.32 | 24.59 | 25.70 | 27.69 | 25.85 | 24.97 | 25.14 | 25.21 | 25.12 | 20 |
| 21 | 24.97 | 24.79 | 24.88 | 24.31 | 24.69 | 25.83 | 27.35 | 25.80 | 24.93 | 25.15 | 25.15 | 25.13 | 21 |
| 22 | 25.01 | 24.73 | 24.87 | 24.24 | 24.63 | 25.97 | 27.11 | 25.82 | 25.00 | 25.06 | 25.15 | 25.22 | 22 |
| 23 | 25.00 | 24.71 | 24.73 | 24.16 | 24.63 | 26.17 | 27.01 | 25.80 | 25.31 | 24.77 | 25.19 | 25.25 | 23 |
| 24 | 25.05 | 24.65 | 24.68 | 24.07 | 24.70 | 26.37 | 26.88 | 25.82 | 25.49 | 24.55 | 25.24 | 25.21 | 24 |
| 25 | 25.12 | 24.73 | 24.64 | 24.05 | 24.72 | 26.56 | 26.78 | 26.18 | 25.50 | 24.57 | 25.30 | 25.17 | 25 |
| 26 | 25.07 | 24.82 | 24.57 | 24.10 | 24.68 | 26.81 | 26.67 | 26.31 | 25.52 | 24.72 | 25.30 | 25.14 | 26 |
| 27 | 25.02 | 24.88 | 24.53 | 24.06 | 24.67 | 27.07 | 26.62 | 26.42 | 25.74 | 24.80 | 25.31 | 25.07 | 27 |
| 28 | 25.00 | 24.93 | 24.53 | 24.01 | 24.66 | 27.34 | 26.65 | 26.38 | 26.25 | 24.86 | 25.37 | 25.05 | 28 |
| 29 | 24.96 | 24.99 | 24.51 | 23.93 | 24.62 | 27.57 | 26.71 | 26.33 | 26.23 | 24.88 | 25.40 | 25.01A | 29 |
| 30 | 24.98 | | 24.53A | 23.86 | 24.64 | 27.64 | 26.76 | 26.35 | 26.22 | 24.85 | 25.41 | 24.96A | 30 |
| 31 | 25.04A | | --- | | 24.74 | | 26.78 | 26.32 | | 24.85 | | 24.91A | 31 |

SUMMARY FOR THE YEAR 1972

A-MANUAL GAUGE

MAXIMUM DAILY WATER LEVEL, 28.26 FT ON JUL 14
 MINIMUM DAILY WATER LEVEL, 23.82 FT ON MAY 1

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 64 19 10 N
 LONG 96 01 50 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

BUFFALO RIVER AT HIGHWAY NO. 5 - STATION NO. 07PA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-------|--------|--------|--------|--------|-------|---------|--------|--------|-------|
| 1 | 0 | 0 | 0 | 0 | 500 B | 4600 | 2510 | 1590 | 1200 | 718 | 82.4 B | 78.0 B | 1 |
| 2 | 0 | 0 | 0 | 0 | 600 B | 4670 | 2830 | 1600 | 1300 | 786 | 79.0 B | 70.0 B | 2 |
| 3 | 0 | 0 | 0 | 0 | 700 B | 4900 | 2940 | 1550 | 803 | 1060 | 73.0 B | 62.0 B | 3 |
| 4 | 0 | 0 | 0 | 0 | 800 B | 4200 | 2780 | 1420 | 655 | 1500 | 70.0 B | 54.0 B | 4 |
| 5 | 0 | 0 | 0 | 0 | 950 B | 4460 | 2720 | 1530 | 660 | 797 | 104 B | 46.0 B | 5 |
| 6 | 0 | 0 | 0 | 0 | 1100 B | 4220 | 2830 | 1650 | 670 | 760 | 150 B | 38.0 B | 6 |
| 7 | 0 | 0 | 0 | 0 | 1250 B | 4460 | 2800 | 1620 | 670 | 730 | 177 B | 30.0 B | 7 |
| 8 | 0 | 0 | 0 | 0 | 1400 B | 3820 | 2810 | 1600 | 670 | 700 | 185 B | 22.4 B | 8 |
| 9 | 0 | 0 | 0 | 0 | 2730 B | 4040 | 2260 | 1530 | 680 | 670 | 233 B | 19.4 B | 9 |
| 10 | 0 | 0 | 0 | 0 | 4530 | 4080 | 1830 | 1960 | 680 | 640 B | 244 B | 20.0 B | 10 |
| 11 | 0 | 0 | 0 | 0 | 4630 | 3860 | 2020 | 1930 | 690 | 610 B | 246 B | 20.0 B | 11 |
| 12 | 0 | 0 | 0 | 0 | 4850 | 3510 | 3670 | 1300 | 690 | 580 B | 247 B | 17.0 B | 12 |
| 13 | 0 | 0 | 0 | 0 | 4430 | 2060 | 3360 | 1370 | 690 | 550 B | 220 B | 14.0 B | 13 |
| 14 | 0 | 0 | 0 | 0 | 4080 | 2240 | 2290 | 1380 E | 700 | 520 B | 220 B | 11.6 B | 14 |
| 15 | 0 | 0 | 0 | 0 | 4150 | 3570 | 2510 | 1430 E | 700 | 490 B | 228 B | 8.6 B | 15 |
| 16 | 0 | 0 | 0 | 0 | 4320 | 3530 | 2350 | 1480 | 710 | 460 B | 233 B | 6.4 B | 16 |
| 17 | 0 | 0 | 0 | 0 | 4530 | 3190 | 1870 | 1360 | 710 | 430 B | 231 B | 4.8 B | 17 |
| 18 | 0 | 0 | 0 | 0 | 4630 | 2630 | 1730 | 1180 | 710 | 400 B | 219 B | 3.2 B | 18 |
| 19 | 0 | 0 | 0 | 0 | 5020 | 3650 | 1950 | 1220 | 720 | 370 B | 211 B | 2.0 B | 19 |
| 20 | 0 | 0 | 0 | 0 | 5120 | 3690 | 1980 | 1210 | 720 | 340 B | 206 B | 0.8 B | 20 |
| 21 | 0 | 0 | 0 | 0 | 5150 | 3340 | 2250 | 1380 | 730 | 310 B | 201 B | 0.4 B | 21 |
| 22 | 0 | 0 | 0 | 0 | 3590 | 2960 | 2140 | 1510 | 730 | 280 B | 188 B | 0.4 B | 22 |
| 23 | 0 | 0 | 0 | 0 | 4270 | 3010 | 2060 | 1380 | 730 | 251 B | 182 B | 0.5 B | 23 |
| 24 | 0 | 0 | 0 | 20 B | 5950 | 3260 | 2060 | 1350 | 740 | 235 B | 184 B | 0.5 B | 24 |
| 25 | 0 | 0 | 0 | 80 B | 5200 | 3150 | 2030 | 1360 | 740 | 226 B | 169 B | 0.6 B | 25 |
| 26 | 0 | 0 | 0 | 100 B | 5300 | 3200 | 1900 | 1580 | 740 | 105 B | 129 B | 0.6 B | 26 |
| 27 | 0 | 0 | 0 | 180 B | 5200 | 3390 | 2060 | 1470 | 750 | 45.2 B | 105 B | 0.7 B | 27 |
| 28 | 0 | 0 | 0 | 250 B | 4900 | 3350 | 1970 | 1250 | 750 | 70.0 B | 90.8 B | 0.8 B | 28 |
| 29 | 0 | 0 | 0 | 300 B | 5000 | 3110 | 2150 | 1070 | 746 | 80.0 B | 82.4 B | 0.9 B | 29 |
| 30 | 0 | 0 | 0 | 400 B | 4650 | 3030 | 1330 | 925 | 766 | 78.0 B | 75.0 B | 1.0 B | 30 |
| 31 | 0 | 0 | 0 | 0 | 4600 | 0 | 1690 | 895 | 0 | 81.2 B | 0 | 1.1 B | 31 |
| TOTAL | 0 | 0 | 0 | 1330 | 114130 | 107180 | 71680 | 44080 | 22450 | 14872.4 | 5064.6 | 535.7 | TOTAL |
| MEAN | 0 | 0 | 0 | 44.3 | 3680 | 3570 | 2310 | 1420 | 748 | 480 | 169 | 17.3 | MEAN |
| AC-FT | 0 | 0 | 0 | 2640 | 226000 | 213000 | 142000 | 87400 | 44500 | 29500 | 10000 | 1060 | AC-FT |
| MAX | 0 | 0 | 0 | 400 | 5950 | 4900 | 3670 | 1960 | 1300 | 1500 | 247 | 78 | MAX |
| MIN | 0 | 0 | 0 | 0 | 500 | 2060 | 1330 | 895 | 655 | 45.2 | 70.0 | 0.4 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1040 CFS
TOTAL DISCHARGE, 756000 AC-FT
MAXIMUM DAILY DISCHARGE, 5950 CFS ON MAY 24
MINIMUM DAILY DISCHARGE, 0 CFS ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 42 45 N
LONG 114 55 00 W
DRAINAGE AREA 6890 SQ MILES

B-ICE CONDITIONS
E-ESTIMATED
NATURAL FLOW

CAMSELL RIVER AT OUTLET OF CLUT LAKE - STATION NO. 10JA002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 3470 E | 3160 E | 2830 E | 2560 | 2250 | 2750 E | 4440 E | 4510 | 4480 | 3900 | 3660 | 3520 | 1 |
| 2 | 3460 E | 3150 E | 2820 E | 2550 | 2240 | 2810 E | 4500 E | 4540 | 4430 | 3900 | 3650 | 3510 | 2 |
| 3 | 3450 E | 3130 E | 2810 E | 2550 | 2240 | 2870 E | 4550 E | 4460 | 4330 | 3840 | 3630 | 3490 | 3 |
| 4 | 3430 E | 3120 E | 2800 E | 2520 | 2240 | 2920 E | 4610 E | 4510 | 4340 | 3840 | 3650 | 3470 | 4 |
| 5 | 3420 E | 3110 E | 2790 E | 2500 | 2220 | 2980 E | 4670 E | 4540 | 4330 | 3870 | 3630 | 3420 | 5 |
| 6 | 3410 E | 3100 E | 2780 E | 2480 | 2220 | 3040 E | 4720 | 4540 | 4360 | 3820 | 3620 | 3400 | 6 |
| 7 | 3400 E | 3090 E | 2770 E | 2490 | 2220 | 3090 E | 4720 | 4570 | 4370 | 3820 | 3610 | 3390 | 7 |
| 8 | 3390 E | 3080 E | 2760 E | 2480 | 2200 | 3150 E | 4690 | 4600 | 4350 E | 3830 | 3610 | 3400 | 8 |
| 9 | 3380 E | 3070 E | 2750 E | 2460 | 2190 | 3200 E | 4700 | 4550 | 4330 E | 3770 | 3610 | 3390 | 9 |
| 10 | 3370 E | 3060 E | 2730 E | 2450 | 2200 | 3260 E | 4740 | 4540 | 4310 E | 3830 | 3590 | 3380 | 10 |
| 11 | 3360 E | 3050 E | 2720 E | 2420 | 2190 | 3320 E | 4740 | 4580 | 4290 E | 3830 | 3590 | 3360 | 11 |
| 12 | 3340 E | 3030 E | 2710 E | 2400 | 2190 | 3370 E | 4670 | 4580 | 4270 E | 3800 | 3590 | 3350 | 12 |
| 13 | 3330 E | 3020 E | 2700 E | 2390 | 2200 | 3430 E | 4660 | 4570 | 4250 E | 3790 | 3580 | 3360 | 13 |
| 14 | 3320 E | 3010 E | 2690 E | 2380 | 2200 | 3490 E | 4670 | 4540 | 4230 E | 3790 | 3590 | 3340 | 14 |
| 15 | 3310 | 3000 E | 2680 E | 2370 | 2190 | 3540 E | 4660 | 4520 | 4210 E | 3730 | 3590 | 3340 | 15 |
| 16 | 3310 | 2990 E | 2670 E | 2380 | 2170 | 3600 E | 4580 | 4520 | 4190 E | 3750 | 3560 | 3320 | 16 |
| 17 | 3310 | 2980 E | 2660 E | 2380 | 2180 | 3650 E | 4600 | 4550 | 4160 E | 3790 | 3560 | 3310 | 17 |
| 18 | 3310 | 2970 E | 2650 E | 2380 | 2180 | 3710 E | 4600 | 4540 | 4140 E | 3760 | 3550 | 3310 | 18 |
| 19 | 3300 E | 2960 E | 2630 E | 2360 | 2180 | 3770 E | 4630 | 4520 | 4120 E | 3720 | 3560 | 3300 | 19 |
| 20 | 3290 E | 2950 E | 2620 E | 2380 | 2200 | 3820 E | 4630 | 4570 | 4100 E | 3700 | 3560 | 3290 | 20 |
| 21 | 3280 E | 2930 E | 2610 E | 2370 | 2220 | 3880 E | 4600 | 4540 | 4080 E | 3750 | 3540 | 3290 | 21 |
| 22 | 3270 E | 2920 E | 2600 E | 2350 | 2250 | 3940 E | 4570 | 4490 | 4060 E | 3730 | 3520 | 3270 | 22 |
| 23 | 3260 E | 2910 E | 2590 | 2340 | 2360 | 4000 E | 4520 | 4510 | 4040 E | 3730 | 3520 | 3260 | 23 |
| 24 | 3240 E | 2900 E | 2590 | 2310 | 2390 | 4050 E | 4490 | 4490 | 4020 E | 3690 | 3520 | 3250 | 24 |
| 25 | 3230 E | 2890 E | 2580 | 2290 | 2390 | 4100 E | 4520 | 4490 | 4000 E | 3660 | 3520 | 3230 | 25 |
| 26 | 3220 E | 2880 E | 2570 | 2300 | 2400 | 4160 E | 4550 | 4490 | 3980 A | 3680 | 3520 | 3250 | 26 |
| 27 | 3210 E | 2870 E | 2560 | 2290 | 2470 | 4220 E | 4580 | 4480 | 3970 | 3660 | 3540 | 3250 | 27 |
| 28 | 3200 E | 2860 E | 2550 | 2260 | 2530 | 4280 E | 4550 | 4480 | 3970 | 3660 | 3540 | 3230 | 28 |
| 29 | 3190 E | 2850 E | 2570 | 2260 | 2590 E | 4330 E | 4520 | 4460 | 3910 | 3660 | 3490 | 3220 | 29 |
| 30 | 3180 E | 0 | 2560 | 2270 | 2640 E | 4380 E | 4510 | 4460 | 3890 | 3660 | 3510 | 3220 | 30 |
| 31 | 3170 E | 0 | 2570 | 0 | 2700 E | 0 | 4490 | 4490 | 0 | 3680 | 0 | 3210 | 31 |
| TOTAL | 102810 | 87040 | 82920 | 71920 | 71040 | 107110 | 142680 | 140230 | 125510 | 116640 | 107210 | 103330 | TOTAL |
| MEAN | 3320 | 3000 | 2670 | 2400 | 2290 | 3570 | 4600 | 4520 | 4180 | 3760 | 3570 | 3330 | MEAN |
| AC-FT | 204000 | 173000 | 164000 | 143000 | 141000 | 212000 | 283000 | 278000 | 249000 | 231000 | 213000 | 205000 | AC-FT |
| MAX | 3470 | 3160 | 2830 | 2560 | 2700 | 4380 | 4740 | 4600 | 4480 | 3900 | 3660 | 3520 | MAX |
| MIN | 3170 | 2850 | 2550 | 2260 | 2170 | 2750 | 4440 | 4460 | 3890 | 3660 | 3490 | 3210 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 3440 CFS
TOTAL DISCHARGE, 2500000 AC-FT
MAXIMUM DAILY DISCHARGE, 4740 CFS ON JUL 10
MINIMUM DAILY DISCHARGE, 2170 CFS ON MAY 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 65 35 45 N
LONG 117 45 20 W
DRAINAGE AREA 12000 SQ MILES

A-MANUAL GAUGE
E-ESTIMATED
NATURAL FLOW

MAXIMUM INSTANTANEOUS DISCHARGE
4740 CFS ON JUL 10

NORTHWEST TERRITORIES

COPPERMINE RIVER AT OUTLET OF POINT LAKE - STATION NO. 10PB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|-----|-----|-----|--------|--------|--------|--------|--------|--------|-------|
| 1 | 3520 | 2480 E | 1910 E | --- | --- | --- | --- | 8480 E | 7030 E | 5310 E | 4100 E | 3020 E | 1 |
| 2 | 3300 | 2460 E | 1890 E | --- | --- | --- | --- | 8460 E | 6970 E | 5250 E | 4060 E | 2990 E | 2 |
| 3 | 3290 | 2440 E | 1870 E | --- | --- | --- | --- | 8430 E | 6910 E | 5200 E | 4030 E | 2950 A | 3 |
| 4 | 3270 | 2420 E | 1850 E | --- | --- | --- | --- | 8400 E | 6860 E | 5130 E | 3990 E | 2930 E | 4 |
| 5 | 3210 | 2400 E | 1830 E | --- | --- | --- | 8940 A | 8380 E | 6800 E | 5070 A | 3960 E | 2910 E | 5 |
| 6 | 3100 | 2380 E | 1810 E | --- | --- | --- | 9030 | 8350 E | 6740 E | 5030 E | 3920 E | 2880 E | 6 |
| 7 | 3100 | 2360 E | 1790 E | --- | --- | --- | 9080 | 8320 E | 6690 E | 5000 E | 3880 E | 2860 E | 7 |
| 8 | 3200 | 2340 E | 1770 E | --- | --- | --- | 9140 A | 8290 E | 6630 E | 4960 E | 3850 E | 2840 E | 8 |
| 9 | 3330 | 2320 E | 1760 E | --- | --- | --- | 9110 E | 8270 E | 6570 E | 4930 E | 3810 E | 2820 E | 9 |
| 10 | 3150 | 2300 E | 1740 E | --- | --- | --- | 9090 E | 8240 E | 6510 E | 4890 E | 3780 E | 2790 E | 10 |
| 11 | 3110 | 2280 E | 1720 E | --- | --- | --- | 9060 E | 8220 E | 6460 E | 4850 E | 3740 E | 2770 E | 11 |
| 12 | 2920 | 2260 E | 1700 E | --- | --- | --- | 9030 E | 8180 E | 6400 E | 4820 E | 3700 E | 2750 E | 12 |
| 13 | 2830 | 2240 E | 1680 E | --- | --- | --- | 9000 E | 8160 E | 6340 E | 4780 E | 3670 E | 2730 E | 13 |
| 14 | 2880 | 2220 E | 1660 E | --- | --- | --- | 8980 E | 8130 E | 6290 E | 4750 E | 3630 E | 2700 E | 14 |
| 15 | 3140 | 2200 E | 1640 E | --- | --- | --- | 8950 E | 8100 E | 6230 E | 4710 E | 3600 E | 2680 E | 15 |
| 16 | 2980 | 2180 E | 1620 E | --- | --- | --- | 8920 E | 8080 E | 6170 E | 4670 E | 3560 E | 2660 A | 16 |
| 17 | 2830 | 2160 E | 1600 E | --- | --- | --- | 8890 E | 8050 E | 6120 E | 4640 E | 3520 E | 2640 E | 17 |
| 18 | 2830 | 2150 E | 1580 E | --- | --- | --- | 8870 E | 8020 A | 6060 E | 4600 E | 3490 E | 2620 E | 18 |
| 19 | 2730 | 2130 E | 1560 E | --- | --- | --- | 8840 E | 7910 E | 6000 E | 4570 E | 3450 E | 2600 E | 19 |
| 20 | 2710 E | 2110 E | 1540 E | --- | --- | --- | 8810 E | 7880 | 5940 E | 4530 E | 3420 E | 2580 E | 20 |
| 21 | 2690 E | 2090 E | 1520 E | --- | --- | --- | 8790 E | 7910 | 5890 E | 4490 E | 3380 E | 2560 E | 21 |
| 22 | 2670 E | 2070 E | 1500 A | --- | --- | --- | 8760 E | 7740 | 5830 E | 4460 E | 3350 E | 2530 E | 22 |
| 23 | 2650 E | 2050 E | 1480 E | --- | --- | --- | 8730 E | 7540 A | 5770 E | 4420 E | 3310 E | 2510 E | 23 |
| 24 | 2630 E | 2030 E | 1460 E | --- | --- | --- | 8700 E | 7480 E | 5720 A | 4390 E | 3270 E | 2490 E | 24 |
| 25 | 2610 E | 2010 E | 1440 E | --- | --- | --- | 8680 E | 7430 E | 5660 E | 4350 E | 3240 E | 2470 E | 25 |
| 26 | 2590 E | 1990 E | 1420 E | --- | --- | --- | 8650 E | 7370 E | 5600 E | 4320 E | 3200 E | 2450 E | 26 |
| 27 | 2570 E | 1970 E | 1400 E | --- | --- | --- | 8620 E | 7310 E | 5540 E | 4280 E | 3170 E | 2430 E | 27 |
| 28 | 2550 E | 1950 E | 1380 E | --- | --- | --- | 8590 E | 7260 E | 5480 E | 4240 E | 3130 E | 2410 E | 28 |
| 29 | 2540 E | 1930 E | 1360 E | --- | --- | --- | 8570 E | 7200 E | 5420 E | 4210 E | 3090 E | 2390 E | 29 |
| 30 | 2520 E | --- | 1340 E | --- | --- | --- | 8540 E | 7140 E | 5370 E | 4170 E | 3060 E | 2370 E | 30 |
| 31 | 2500 E | --- | 1320 E | --- | --- | --- | 8510 E | 7080 E | --- | 4140 E | --- | 2350 E | 31 |
| TOTAL | 89950 | 63920 | 50140 | --- | --- | --- | --- | 245810 | 186000 | 145160 | 107360 | 82680 | TOTAL |
| MEAN | 2900 | 2200 | 1620 | --- | --- | --- | --- | 7930 | 6200 | 4680 | 3580 | 2670 | MEAN |
| AC-FT | 178000 | 127000 | 99500 | --- | --- | --- | --- | 488000 | 369000 | 288000 | 213000 | 164000 | AC-FT |
| MAX | 3520 | 2480 | 1910 | --- | --- | --- | --- | 8480 | 7030 | 5310 | 4000 | 3020 | MAX |
| MIN | 2500 | 1930 | 1320 | --- | --- | --- | --- | 7080 | 5370 | 4140 | 3060 | 2350 | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 65 25 00 N
 LONG 114 00 30 W
 DRAINAGE AREA 7830 SQ MILES

A-MANUAL GAUGE
 E-ESTIMATED
 NATURAL FLOW

DUBAWNT LAKE NEAR SNOW ISLAND - STATION NO. 06KC004

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|---------|--------|---------|--------|---------|---------|--------|--------|--------|--------|-----|
| 1 | --- | --- | --- | --- | 757.60 | 757.84 | 758.93 | 759.44 | 759.65 | 759.87 | 759.80 | 759.70 | 1 |
| 2 | --- | --- | --- | --- | 757.60 | 757.84 | 758.98 | 759.44 | 759.65 | 759.90 | 759.82 | 759.70 | 2 |
| 3 | --- | --- | --- | --- | 757.60 | 757.88 | 759.01 | 759.44 | 759.60 | 759.87 | 759.82 | 759.70 | 3 |
| 4 | --- | --- | --- | --- | 757.60 | 757.89 | 759.01 | 759.45 | 759.72 | 759.77 | 759.80 | 759.70 | 4 |
| 5 | --- | --- | --- | --- | 757.58 | 757.96 | 759.01 | 759.45 | 759.70 | 759.80 | 759.80 | 759.70 | 5 |
| 6 | --- | --- | --- | --- | 757.58 | 758.08 | 759.01 | 759.49 | 759.70 | 759.91 | 759.80 | 759.70 | 6 |
| 7 | --- | --- | --- | --- | 757.60 | 758.08 | 759.03 | 759.49 | 759.68 | 759.85 | 759.80 | 759.70 | 7 |
| 8 | --- | --- | --- | --- | 757.60 | 758.14 | 759.03 | 759.54 | 759.72 | 759.82 | 759.80 | 759.65 | 8 |
| 9 | --- | --- | --- | --- | 757.58 | 758.23 | 759.03 | 759.54 | 759.80 | 759.87 | 759.80 | 759.65 | 9 |
| 10 | --- | --- | --- | --- | 757.58 | 758.30 | 759.03 | 759.62 | 759.80 | 759.80 | 759.80 | 759.65 | 10 |
| 11 | --- | --- | --- | 757.74 | 757.58 | 758.37 | 759.06 | 759.62 | 759.80 | 759.80 | 759.80 | 759.62 | 11 |
| 12 | --- | --- | --- | 757.68 | 757.60 | 758.46 | 759.06A | 759.64 | 759.80 | 759.82 | 759.80 | 759.55 | 12 |
| 13 | --- | --- | 757.77A | 757.64 | 757.66A | 758.48 | 759.13 | 759.64 | 759.80 | 759.75 | 759.80 | --- | 13 |
| 14 | --- | --- | --- | 757.68 | 757.66 | 758.53 | 759.20 | 759.64 | 759.80 | 759.80 | 759.80 | --- | 14 |
| 15 | --- | --- | --- | 757.70 | 757.63 | 758.58 | 759.20 | 759.64 | 759.80 | 759.80 | 759.80 | --- | 15 |
| 16 | --- | --- | --- | 757.68 | 757.63 | 758.58 | 759.18 | 759.64 | 759.80 | 759.70 | 759.80 | --- | 16 |
| 17 | --- | --- | --- | 757.68 | 757.66 | 758.58 | 759.22 | 759.64 | 759.80 | 759.80 | 759.80 | --- | 17 |
| 18 | --- | --- | --- | 757.68 | 757.66 | 758.66 | 759.20 | 759.64 | 759.80 | 759.80 | 759.80 | --- | 18 |
| 19 | --- | --- | --- | 757.68 | 757.66 | 758.68 | 759.20 | 759.64 | 759.80 | 759.82 | 759.80 | --- | 19 |
| 20 | --- | --- | --- | 757.70 | 757.66 | 758.68 | 759.29 | 759.66 | 759.80 | 759.82 | 759.80 | --- | 20 |
| 21 | --- | --- | --- | 757.65 | 757.67 | 758.70 | 759.34 | 759.66 | 759.80 | 759.82 | 759.80 | --- | 21 |
| 22 | --- | --- | --- | 757.65 | 757.67 | 758.73 | 759.34 | 759.66 | 759.80 | 759.84 | 759.80 | --- | 22 |
| 23 | --- | --- | --- | 757.65 | 757.68 | 758.78 | 759.34 | 759.69 | 759.80 | 759.84 | 759.80 | --- | 23 |
| 24 | --- | --- | --- | 757.65 | 757.70 | 758.78 | 759.34 | 759.69 | 759.80 | 759.82 | 759.80 | --- | 24 |
| 25 | --- | --- | --- | 757.65 | 757.70 | 758.78 | 759.36 | 759.69 | 759.80 | 759.82 | 759.78 | --- | 25 |
| 26 | --- | --- | --- | 757.65 | 757.70 | 758.78 | 759.36 | 759.69 | 759.80 | 759.82 | 759.77 | --- | 26 |
| 27 | --- | --- | --- | 757.58 | 757.70 | 758.83 | 759.35 | 759.69A | 759.84 | 759.83 | 759.73 | --- | 27 |
| 28 | --- | --- | --- | 757.58 | 757.70 | 758.88 | 759.34 | 759.60 | 759.84 | 759.85 | 759.73 | --- | 28 |
| 29 | --- | --- | --- | 757.58 | 757.72 | 758.88 | 759.39 | 759.65 | 759.84 | 759.83 | 759.70 | --- | 29 |
| 30 | --- | --- | --- | 757.58 | 757.78 | 758.93 | 759.39 | 759.65 | 759.82 | 759.88 | 759.70 | --- | 30 |
| 31 | --- | --- | --- | --- | 757.84 | --- | 759.44 | 759.65 | --- | 759.82 | --- | --- | 31 |

SUMMARY FOR THE YEAR 1972

A-MANUAL GAUGE

MAXIMUM DAILY WATER LEVEL, 759.91 FT ON OCT 6

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 13 30 N
 LONG 101 45 30 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

DUBAWNT RIVER BELOW MARJORIE LAKE - STATION NO. 06KC003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|---------|--------|--------|--------|--------|---------|---------|--------|---------|---------|---------|---------|-------|
| 1 | 10300 B | 9040 B | 7830 B | 6550 B | 6200 B | 6460 B | 22000 | 16800 | 14500 | 14000 B | 13200 B | 12500 B | 1 |
| 2 | 10300 B | 9000 B | 7790 B | 6500 B | 6200 B | 6490 B | 21800 | 16800 | 14500 | 14000 B | 13200 B | 12400 B | 2 |
| 3 | 10200 B | 8960 B | 7750 B | 6460 B | 6210 B | 6490 B | 21700 | 16700 | 14600 | 14000 B | 13200 B | 12400 B | 3 |
| 4 | 10200 B | 8910 B | 7710 B | 6420 B | 6210 B | 6480 B | 20600 | 16600 | 14700 | 14000 B | 13200 B | 12400 B | 4 |
| 5 | 10200 B | 8870 B | 7670 B | 6380 B | 6210 B | 6500 B | 20400 | 16400 | 14600 | 13900 B | 13100 B | 12400 B | 5 |
| 6 | 10100 B | 8830 B | 7630 B | 6340 B | 6220 B | 6570 B | 20300 | 16200 | 14600 | 13900 B | 13100 B | 12300 B | 6 |
| 7 | 10100 B | 8790 B | 7580 B | 6300 B | 6220 B | 6660 B | 20200 | 16100 | 14600 | 13900 B | 13100 B | 12300 B | 7 |
| 8 | 10000 B | 8750 B | 7540 B | 6250 B | 6220 B | 6720 B | 20100 | 15900 | 14600 | 13900 B | 13100 B | 12300 B | 8 |
| 9 | 9990 B | 8710 B | 7500 B | 6210 B | 6230 B | 6800 B | 20000 | 15700 | 14600 | 13800 B | 13000 B | 12300 B | 9 |
| 10 | 9950 B | 8670 B | 7460 B | 6170 B | 6230 B | 6850 B | 20200 | 15500 | 14500 | 13800 B | 13000 B | 12200 B | 10 |
| 11 | 9910 B | 8620 B | 7420 B | 6130 B | 6230 B | 7140 B | 20500 | 15400 | 14500 | 13800 B | 13000 B | 12200 B | 11 |
| 12 | 9870 B | 8580 B | 7380 B | 6130 B | 6240 B | 8050 B | 20100 | 15300 | 14500 | 13800 B | 12900 B | 12200 B | 12 |
| 13 | 9830 B | 8540 B | 7340 B | 6140 B | 6240 B | 10500 B | 20100 | 15200 | 14500 | 13700 B | 12900 B | 12100 B | 13 |
| 14 | 9790 B | 8500 B | 7290 B | 6140 B | 6250 B | 13300 B | 20000 | 15100 | 14500 B | 13700 B | 12900 B | 12100 B | 14 |
| 15 | 9750 B | 8460 B | 7250 B | 6140 B | 5560 B | 16100 B | 19900 | 15000 | 14000 B | 13700 B | 12900 B | 12100 B | 15 |
| 16 | 9700 B | 8420 B | 7210 B | 6150 B | 5720 B | 19200 B | 19800 | 14900 | 14000 B | 13600 B | 12800 B | 12100 B | 16 |
| 17 | 9660 B | 8370 B | 7170 B | 6150 B | 5840 B | 21600 B | 19700 | 14800 | 14000 B | 13600 B | 12800 B | 12000 B | 17 |
| 18 | 9620 B | 8330 B | 7130 B | 6150 B | 5910 B | 23400 B | 19500 | 14800 | 14000 B | 13600 B | 12800 B | 12000 B | 18 |
| 19 | 9580 B | 8290 B | 7090 B | 6160 B | 5970 B | 24000 B | 19300 | 14700 | 14300 B | 13600 B | 12800 B | 12000 B | 19 |
| 20 | 9540 B | 8250 B | 7040 B | 6160 B | 6020 B | 24100 B | 19200 | 14600 | 14300 B | 13500 B | 12700 B | 11900 B | 20 |
| 21 | 9500 B | 8210 B | 7000 B | 6160 B | 6020 B | 23900 B | 19000 | 14600 | 14300 B | 13500 B | 12700 B | 11900 B | 21 |
| 22 | 9450 B | 8170 B | 6960 B | 6170 B | 5870 B | 23600 B | 18800 | 14500 | 14300 B | 13500 B | 12700 B | 11900 B | 22 |
| 23 | 9410 B | 8120 B | 6920 B | 6170 B | 6010 B | 23200 B | 18600 | 14500 | 14200 B | 13500 B | 12700 B | 11800 B | 23 |
| 24 | 9370 B | 8080 B | 6880 B | 6170 B | 6160 B | 23300 B | 18400 | 14400 | 14200 B | 13400 B | 12600 B | 11800 B | 24 |
| 25 | 9330 B | 8040 B | 6840 B | 6180 B | 6270 B | 23400 B | 18100 | 14300 | 14200 B | 13400 B | 12600 B | 11800 B | 25 |
| 26 | 9290 B | 8000 B | 6800 B | 6180 B | 6350 B | 23300 B | 17900 | 14500 | 14200 B | 13400 B | 12600 B | 11800 B | 26 |
| 27 | 9250 B | 7960 B | 6750 B | 6190 B | 6490 B | 23100 B | 17700 | 14500 | 14100 B | 13400 B | 12600 B | 11700 B | 27 |
| 28 | 9210 B | 7920 B | 6710 B | 6190 B | 6600 B | 22800 B | 17600 | 14500 | 14100 B | 13300 B | 12500 B | 11700 B | 28 |
| 29 | 9160 B | 7880 B | 6670 B | 6190 B | 6300 B | 22700 B | 17400 | 14500 | 14100 B | 13300 B | 12500 B | 11700 B | 29 |
| 30 | 9120 B | 7840 B | 6630 B | 6200 B | 6230 B | 22600 B | 17200 | 14500 | 14100 B | 13300 B | 12500 B | 11600 B | 30 |
| 31 | 9080 B | 7800 B | 6590 B | 6130 B | 6360 B | 22600 B | 16900 | 14500 | 14000 B | 13300 B | 12500 B | 11600 B | 31 |
| TOTAL | 300760 | 245270 | 223530 | 186830 | 190790 | 465310 | 603000 | 471800 | 430200 | 423100 | 385700 | 373500 | TOTAL |
| MEAN | 9700 | 8460 | 7210 | 6230 | 6150 | 15500 | 19500 | 15200 | 14300 | 13600 | 12900 | 12000 | MEAN |
| AC-FT | 597000 | 486000 | 443000 | 371000 | 378000 | 923000 | 1200000 | 936000 | 853000 | 839000 | 765000 | 741000 | AC-FT |
| MAX | 10300 | 9040 | 7830 | 6550 | 6600 | 24100 | 22000 | 16800 | 14700 | 14000 | 13200 | 12500 | MAX |
| MIN | 9080 | 7880 | 6590 | 6130 | 5560 | 6460 | 16900 | 14300 | 14000 | 13300 | 12500 | 11600 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 11700 CFS
TOTAL DISCHARGE, 8530000 AC-FT
MAXIMUM DAILY DISCHARGE, 24100 CFS ON JUN 20
MINIMUM DAILY DISCHARGE, 5560 CFS ON MAY 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 16 01 N
LONG 99 35 47 W
DRAINAGE AREA 21900 SQ MILES

B-ICE CONDITIONS

NATURAL FLOW

ELLICE RIVER NEAR THE MOUTH - STATION NO. 10QD001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|-----|-----|-----|---------|--------|--------|-------|--------|-----|-------|
| 1 | 49.3 B | 28.2 B | 8.5 B | 0 B | 0 B | --- | --- | 3700 | 1810 E | 860 | 97.5 B | 0 B | 1 |
| 2 | 48.6 B | 27.6 B | 8.0 B | 0 B | 0 B | --- | --- | 3530 | 1820 E | 896 | 85.5 B | 0 B | 2 |
| 3 | 48.0 B | 26.9 B | 7.5 B | 0 B | 0 B | --- | --- | 3380 | 1840 E | 865 | 78.0 B | 0 B | 3 |
| 4 | 47.3 B | 26.2 B | 7.0 B | 0 B | 0 B | --- | --- | 3220 | 1860 E | 820 | 66.0 B | 0 B | 4 |
| 5 | 46.6 B | 25.5 B | 6.5 B | 0 B | 0 B | --- | --- | 3120 | 1880 E | 712 | 57.0 B | 0 B | 5 |
| 6 | 45.9 B | 24.8 B | 6.1 B | 0 B | 0 B | --- | --- | 3000 | 1900 E | 724 | 51.0 B | 0 B | 6 |
| 7 | 45.2 B | 24.2 B | 5.6 B | 0 B | 0 B | --- | --- | 2830 | 1920 E | 745 | 44.0 B | 0 B | 7 |
| 8 | 44.6 B | 23.5 B | 5.1 B | 0 B | 0 B | --- | --- | 2670 | 1940 E | 660 | 39.0 B | 0 B | 8 |
| 9 | 43.9 B | 22.8 B | 4.6 B | 0 B | 0 B | --- | 15400 A | 2560 | 1960 E | 617 | 34.0 B | 0 B | 9 |
| 10 | 43.2 B | 22.1 B | 4.1 B | 0 B | 0 B | --- | 14600 | 2410 | 1940 E | 564 | 28.0 B | 0 B | 10 |
| 11 | 42.5 B | 21.4 B | 3.6 B | 0 B | 0 B | --- | 13700 | 2280 | 1920 E | 526 | 23.0 B | 0 B | 11 |
| 12 | 41.8 B | 20.8 B | 3.4 B | 0 B | 0 B | --- | 12600 | 2230 | 1880 E | 462 | 18.0 B | 0 B | 12 |
| 13 | 41.2 B | 20.1 B | 3.1 B | 0 B | 0 B | --- | 11700 | 2180 | 1820 A | 420 B | 12.0 B | 0 B | 13 |
| 14 | 40.5 B | 19.4 B | 2.9 B | 0 B | 0 B | --- | 11000 | 2070 | 1850 | 389 B | 9.0 B | 0 B | 14 |
| 15 | 39.8 B | 18.7 B | 2.6 B | 0 B | 0 B | --- | 10300 | 2050 | 1590 | 368 B | 2.0 B | 0 B | 15 |
| 16 | 39.1 B | 18.0 B | 2.4 B | 0 B | 0 B | --- | 9320 | 1990 | 1550 | 342 B | 0 B | 0 B | 16 |
| 17 | 38.4 B | 17.4 B | 2.1 B | 0 B | 0 B | --- | 9220 | 1900 | 1430 | 317 B | 0 B | 0 B | 17 |
| 18 | 37.8 B | 16.7 B | 1.9 B | 0 B | 0 B | --- | 8400 | 1880 E | 1310 | 296 B | 0 B | 0 B | 18 |
| 19 | 37.1 B | 16.0 B | 1.6 B | 0 B | 0 B | --- | 7960 | 1880 E | 1260 | 278 B | 0 B | 0 B | 19 |
| 20 | 36.4 B | 15.3 B | 1.4 B | 0 B | 0 B | --- | 7570 | 1840 E | 1370 | 263 B | 0 B | 0 B | 20 |
| 21 | 35.7 B | 14.6 B | 1.1 B | 0 B | 0 B | --- | 7100 | 1820 E | 1320 | 250 B | 0 B | 0 B | 21 |
| 22 | 35.0 B | 14.0 B | 0.85 B | 0 B | 0 B | --- | 6780 | 1800 E | 1370 | 238 B | 0 B | 0 B | 22 |
| 23 | 34.3 B | 13.3 B | 0.60 B | 0 B | 0 B | --- | 6380 | 1790 E | 1250 | 223 B | 0 B | 0 B | 23 |
| 24 | 33.7 B | 12.6 B | 0.35 B | 0 B | 0 B | --- | 6080 | 1780 E | 1140 | 212 B | 0 B | 0 B | 24 |
| 25 | 33.0 B | 11.9 B | 0.10 B | 0 B | 0 B | --- | 5610 | 1780 E | 1120 | 200 B | 0 B | 0 B | 25 |
| 26 | 32.3 B | 11.2 B | 0.05 B | 0 B | 0 B | --- | 5290 | 1780 E | 1020 | 182 B | 0 B | 0 B | 26 |
| 27 | 31.6 B | 10.6 B | 0 B | 0 B | 0 B | --- | 5090 | 1780 E | 974 | 168 B | 0 B | 0 B | 27 |
| 28 | 31.0 B | 9.9 B | 0 B | 0 B | 0 B | --- | 4750 | 1780 E | 1000 | 150 B | 0 B | 0 B | 28 |
| 29 | 30.3 B | 9.2 B | 0 B | 0 B | 0 B | --- | 4420 | 1780 E | 980 | 136 B | 0 B | 0 B | 29 |
| 30 | 29.6 B | 8.5 B | 0 B | 0 B | 0 B | --- | 4210 | 1790 E | 865 | 124 B | 0 B | 0 B | 30 |
| 31 | 28.9 B | 7.8 B | 0 B | 0 B | 0 B | --- | 3860 | 1800 E | 865 | 111 B | 0 B | 0 B | 31 |
| TOTAL | 1212.6 | 542.9 | 91.05 | 0 | 0 | --- | --- | 70340 | 45889 | 13118 | 644.0 | 0 | TOTAL |
| MEAN | 39.1 | 18.7 | 2.9 | 0 | 0 | --- | --- | 2270 | 1530 | 423 | 21.5 | 0 | MEAN |
| AC-FT | 2410 | 1080 | 181 | 0 | 0 | --- | --- | 140000 | 91000 | 26000 | 1260 | 0 | AC-FT |
| MAX | 49.3 | 28.2 | 8.5 | 0 | 0 | --- | --- | 3700 | 1960 | 896 | 97.5 | 0 | MAX |
| MIN | 28.9 | 9.2 | 0 | 0 | 0 | --- | --- | 1780 | 865 | 111 | 0 | 0 | MIN |

TYPE OF GAUGE - RECORDING
LOCATION - LAT 67 42 30 N
LONG 104 08 30 W
DRAINAGE AREA 6550 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS
E-ESTIMATED

NATURAL FLOW

NORTHWEST TERRITORIES

ENNADAI LAKE AT ENNADAI - STATION NO. 06LA002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----|-----|----------|-----|
| 1 | 1022.79 | 1022.77 | 1022.82 | 1022.67 | 1022.34 | 1023.72 | 1024.53 | 1024.41 | 1024.47 | --- | --- | --- | 1 |
| 2 | 1022.80 | 1022.75 | 1022.84 | 1022.76 | 1022.33 | 1023.82 | 1024.53 | 1024.46 | 1024.48 | --- | --- | --- | 2 |
| 3 | 1022.82 | 1022.75 | 1022.83 | 1022.80 | 1022.31 | 1023.88 | 1024.54 | 1024.47 | 1024.37 | --- | --- | --- | 3 |
| 4 | 1022.84 | 1022.77 | 1022.83 | 1022.80 | 1022.30 | 1023.94 | 1024.54 | 1024.36 | 1024.52 | --- | --- | --- | 4 |
| 5 | 1022.78 | 1022.77 | 1022.83 | 1022.78 | 1022.28 | 1023.99 | 1024.50 | 1024.49 | 1024.64 | --- | --- | --- | 5 |
| 6 | 1022.77 | 1022.79 | 1022.83 | 1022.75 | 1022.27 | 1024.02 | 1024.51 | 1024.50 | 1024.72 | --- | --- | --- | 6 |
| 7 | 1022.78 | 1022.77 | 1022.85 | 1022.75 | 1022.25 | 1024.09 | 1024.57 | 1024.47 | 1024.92 | --- | --- | --- | 7 |
| 8 | 1022.78 | 1022.76 | 1022.87 | 1022.76 | 1022.21 | 1024.15 | 1024.57 | 1024.46 | 1024.96 | --- | --- | --- | 8 |
| 9 | 1022.77 | 1022.76 | 1022.85 | 1022.78 | 1022.20 | 1024.17 | 1024.48 | 1024.47 | 1025.02 | --- | --- | --- | 9 |
| 10 | 1022.76 | 1022.76 | 1022.83 | 1022.77 | 1022.19 | 1024.22 | 1024.37 | 1024.42 | 1025.04 | --- | --- | --- | 10 |
| 11 | 1022.78 | 1022.75 | 1022.83 | 1022.74 | 1022.15 | 1024.26 | 1024.43 | 1024.48 | 1025.17A | --- | --- | --- | 11 |
| 12 | 1022.77 | 1022.78 | 1022.79 | 1022.71 | 1022.13 | 1024.27 | 1024.57 | 1024.48 | --- | --- | --- | --- | 12 |
| 13 | 1022.77 | 1022.78 | 1022.82 | 1022.70 | 1022.14 | 1024.31 | 1024.47 | 1024.52 | --- | --- | --- | --- | 13 |
| 14 | 1022.76 | 1022.78 | 1022.82 | 1022.65 | 1022.16 | 1024.38 | 1024.49 | 1024.51 | --- | --- | --- | 1024.38A | 14 |
| 15 | 1022.75 | 1022.76 | 1022.80 | 1022.63 | 1022.19 | 1024.41 | 1024.42 | 1024.50 | 1025.27A | --- | --- | 1024.32 | 15 |
| 16 | 1022.76 | 1022.74 | 1022.80 | 1022.61 | 1022.17 | 1024.43 | 1024.43 | 1024.48 | 1025.27 | --- | --- | 1024.28 | 16 |
| 17 | 1022.76 | 1022.76 | 1022.79 | 1022.59 | 1022.19 | 1024.43 | 1024.30 | 1024.45 | 1025.31 | --- | --- | 1024.24 | 17 |
| 18 | 1022.76 | 1022.80 | 1022.78 | 1022.58 | 1022.23 | 1024.45 | 1024.22 | 1024.49 | 1025.32 | --- | --- | 1024.19 | 18 |
| 19 | 1022.76 | 1022.80 | 1022.79 | 1022.55 | 1022.26 | 1024.47 | 1024.38 | 1024.40 | 1025.32 | --- | --- | 1024.15 | 19 |
| 20 | 1022.77 | 1022.79 | 1022.78 | 1022.56 | 1022.32 | 1024.46 | 1024.45 | 1024.44 | 1024.94 | --- | --- | 1024.15 | 20 |
| 21 | 1022.77 | 1022.79 | 1022.79 | 1022.54 | 1022.38 | 1024.48 | 1024.51 | 1024.56 | 1025.11 | --- | --- | 1024.15 | 21 |
| 22 | 1022.76 | 1022.81 | 1022.78 | 1022.49 | 1022.45 | 1024.47 | 1024.49 | 1024.47 | 1025.23 | --- | --- | 1024.12 | 22 |
| 23 | 1022.76 | 1022.81 | 1022.78 | 1022.46 | 1022.64 | 1024.47 | 1024.47 | 1024.45 | 1025.32 | --- | --- | 1024.10 | 23 |
| 24 | 1022.76 | 1022.81 | 1022.78 | 1022.44 | 1022.80 | 1024.51 | 1024.47 | 1024.50 | 1025.30 | --- | --- | 1024.08 | 24 |
| 25 | 1022.76 | 1022.82 | 1022.76 | 1022.42 | 1022.94 | 1024.51 | 1024.48 | 1024.50 | 1025.33 | --- | --- | 1024.04 | 25 |
| 26 | 1022.77 | 1022.83 | 1022.76 | 1022.42 | 1023.08 | 1024.46 | 1024.44 | 1024.47 | 1025.31 | --- | --- | 1024.02 | 26 |
| 27 | 1022.76 | 1022.82 | 1022.74 | 1022.41 | 1023.21 | 1024.51 | 1024.46 | 1024.46 | 1025.30 | --- | --- | 1024.03 | 27 |
| 28 | 1022.77 | 1022.82 | 1022.74 | 1022.37 | 1023.33 | 1024.49 | 1024.46 | 1024.42 | 1025.35A | --- | --- | 1024.03 | 28 |
| 29 | 1022.75 | 1022.82 | 1022.73 | 1022.34 | 1023.43 | 1024.49 | 1024.44 | 1024.34 | --- | --- | --- | 1024.04 | 29 |
| 30 | 1022.75 | --- | 1022.73 | 1022.32 | 1023.56 | 1024.52 | 1024.36 | 1024.32 | --- | --- | --- | 1024.05 | 30 |
| 31 | 1022.76 | --- | 1022.74 | --- | 1023.64 | --- | 1024.47 | 1024.40 | --- | --- | --- | 1024.03 | 31 |

SUMMARY FOR THE YEAR 1972

A-MANUAL GAUGE

MINIMUM DAILY WATER LEVEL, 1022.13 FT ON MAY 12

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 08 00 N
LONG 100 54 00 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

FLAT RIVER NEAR THE MOUTH - STATION NO. 10EA003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-------|-------|-----|--------|-------|--------|--------|--------|--------|-------|-------|
| 1 | --- | --- | --- | --- | --- | 18900 | 2220 | --- | 3550 | 2280 | 1110 B | 556 B | 1 |
| 2 | --- | --- | --- | --- | --- | 20700 | 9690 | --- | 3450 | 2280 | 1070 B | 555 B | 2 |
| 3 | --- | --- | --- | --- | --- | 13300 | 11200 | --- | 3310 | 2280 | 1030 B | 554 B | 3 |
| 4 | --- | --- | --- | --- | --- | 9420 | 9610 | 9450 A | 3310 | 2150 | 995 B | 552 B | 4 |
| 5 | --- | --- | --- | --- | --- | 7330 | 8250 | 8970 | 3300 | 1980 | 960 B | 556 B | 5 |
| 6 | --- | --- | --- | --- | --- | 7460 | 7370 | 8200 | 3220 | 2100 | 935 B | 548 B | 6 |
| 7 | --- | --- | --- | 319 B | --- | 15100 | 6690 | 7810 | 3180 | 2110 | 905 B | 546 B | 7 |
| 8 | --- | --- | --- | --- | --- | 14800 | 8350 | 7690 | 3060 | 2060 | 875 B | 544 B | 8 |
| 9 | --- | --- | --- | --- | --- | 16300 | 10400 | 7240 | 2960 | 1250 B | 845 B | 542 B | 9 |
| 10 | --- | --- | --- | --- | --- | 16500 | 8740 | 6910 | 2890 | 1000 B | 815 B | 540 B | 10 |
| 11 | --- | --- | --- | --- | --- | 16200 | 7330 | 6690 | 2840 | 900 B | 790 B | 538 B | 11 |
| 12 | --- | --- | --- | --- | --- | 12800 | 6530 | 6420 | 2780 | 1000 B | 760 B | 536 B | 12 |
| 13 | --- | --- | --- | --- | --- | 11600 | --- | 6110 | 2720 | 1250 B | 740 B | 534 B | 13 |
| 14 | --- | --- | --- | --- | --- | 11400 | --- | 5730 | 2680 | 1500 B | 725 B | 532 B | 14 |
| 15 | --- | --- | --- | --- | --- | 10500 | --- | 5480 | 2710 | 1680 B | 705 B | 530 B | 15 |
| 16 | --- | --- | --- | --- | --- | 9100 | --- | 5190 | 2870 | 1850 B | 685 B | 528 B | 16 |
| 17 | --- | --- | --- | --- | --- | 8150 | --- | 5010 | 2920 | 1950 B | 670 B | 526 B | 17 |
| 18 | --- | --- | 367 B | --- | --- | 8740 | --- | 5130 | 2830 | 2100 B | 650 B | 524 B | 18 |
| 19 | --- | --- | --- | --- | --- | 9180 | --- | 5830 | 2680 | 2200 B | 635 B | 522 B | 19 |
| 20 | --- | --- | --- | --- | --- | 9070 | --- | 6250 | 2590 | 2090 B | 620 B | 520 B | 20 |
| 21 | --- | --- | --- | --- | --- | 8450 | --- | 5980 | 2490 | 1850 B | 605 B | 518 B | 21 |
| 22 | --- | --- | --- | --- | --- | 7620 | --- | 5540 | 2440 | 1700 B | 595 B | 516 B | 22 |
| 23 | --- | --- | --- | --- | --- | 7220 | --- | 5190 | 2370 | 1620 B | 590 B | 514 B | 23 |
| 24 | --- | --- | --- | --- | --- | 7040 | --- | 4910 | 2150 | 1530 B | 585 B | 512 B | 24 |
| 25 | --- | --- | --- | --- | --- | 7080 | --- | 4670 | 2060 | 1480 B | 580 B | 510 B | 25 |
| 26 | --- | --- | --- | --- | --- | 6970 A | 10900 | 4480 | 2080 | 1420 B | 575 B | 508 B | 26 |
| 27 | --- | --- | --- | --- | --- | 8940 | 18400 | 4240 | 1890 | 1360 B | 570 B | 506 B | 27 |
| 28 | --- | --- | --- | --- | --- | 14400 | 15300 | 4070 | 1950 | 1320 B | 565 B | 504 B | 28 |
| 29 | --- | --- | --- | --- | --- | 19500 | 10600 | 3930 | 2150 | 1250 B | 560 B | 502 B | 29 |
| 30 | --- | --- | --- | --- | --- | 23500 | 8100 | 3890 | 2280 | 1210 B | 558 B | 500 B | 30 |
| 31 | --- | --- | --- | --- | --- | 18700 | --- | 3730 | --- | 1160 B | --- | 498 B | 31 |
| TOTAL | --- | --- | --- | --- | --- | 347260 | --- | --- | 81710 | 51910 | 22303 | 16371 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 11600 | --- | --- | 2720 | 1670 | 743 | 528 | MEAN |
| AC-FT | --- | --- | --- | --- | --- | 689000 | --- | --- | 162000 | 103000 | 44200 | 32500 | AC-FT |
| MAX | --- | --- | --- | --- | --- | 20700 | --- | --- | 3550 | 2280 | 1110 | 556 | MAX |
| MIN | --- | --- | --- | --- | --- | 7040 | --- | --- | 1890 | 900 | 558 | 498 | MIN |

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 32 00 N
LONG 125 24 20 W
DRAINAGE AREA 3280 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS

NATURAL FLOW

NORTHWEST TERRITORIES

HAY RIVER NEAR HAY RIVER - STATION NO. 070B001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|------|------|-------|---------|--------|--------|--------|-------|-------|-------|-------|-------|
| 1 | 154 B | 80 B | 55 B | 53 B | 138 B | 10400 | 4550 | 2900 | 1350 | 535 | 362 B | 176 B | 1 |
| 2 | 146 B | 83 B | 51 B | 52 B | 120 B | 9870 | 4750 | 2750 | 1270 | 515 | 311 B | 176 B | 2 |
| 3 | 140 B | 84 B | 46 B | 51 B | 126 B | 9230 | 5120 | 2630 | 1210 | 515 | 302 B | 176 B | 3 |
| 4 | 138 B | 86 B | 45 B | 50 B | 358 B | 8700 | 5950 | 2620 | 1150 | 535 | 332 B | 174 B | 4 |
| 5 | 136 B | 87 B | 44 B | 47 B | 462 B | 8300 | 6820 | 2620 | 1110 | 540 | 344 B | 174 B | 5 |
| 6 | 136 B | 85 B | 41 B | 43 B | 500 B | 7910 | 6910 | 2610 | 1080 | 525 | 329 B | 170 B | 6 |
| 7 | 134 B | 85 B | 39 B | 40 B | 7500 B | 7690 | 6670 | 2600 | 1050 | 510 | 305 B | 176 B | 7 |
| 8 | 134 B | 85 B | 37 B | 34 B | 20000 B | 7490 | 6350 | 2520 | 1010 | 505 | 302 B | 178 B | 8 |
| 9 | 128 B | 78 B | 32 B | 28 B | 36000 B | 7160 | 5970 | 2480 | 960 | 530 | 302 B | 172 B | 9 |
| 10 | 124 B | 76 B | 28 B | 25 B | 35700 B | 6930 | 5630 | 2310 | 912 | 530 B | 296 B | 172 B | 10 |
| 11 | 116 B | 76 B | 29 B | 25 B | 35000 | 6650 | 5460 | 2390 | 852 | 466 B | 278 B | 180 B | 11 |
| 12 | 112 B | 76 B | 30 B | 23 B | 34900 | 6350 | 5350 | 2380 | 831 | 414 B | 251 B | 172 B | 12 |
| 13 | 102 B | 77 B | 44 B | 20 B | 34500 | 6140 | 5180 | 2390 | 796 | 545 B | 239 B | 168 B | 13 |
| 14 | 96 B | 78 B | 49 B | 18 B | 34300 | 5990 | 4990 | 2440 | 761 | 466 B | 236 B | 166 B | 14 |
| 15 | 88 B | 83 B | 51 B | 16 B | 34100 | 5930 | 4850 | 2500 | 754 | 434 B | 230 B | 162 B | 15 |
| 16 | 89 B | 85 B | 54 B | 15 B | 33800 | 5760 | 4760 | 2560 | 747 | 466 B | 214 B | 158 B | 16 |
| 17 | 88 B | 89 B | 56 B | 14 B | 33800 | 5510 | 5990 | 2560 | 782 | 434 B | 214 B | 160 B | 17 |
| 18 | 83 B | 92 B | 53 B | 13 B | 33600 | 5320 | 7830 | 2420 | 704 | 430 B | 212 B | 154 B | 18 |
| 19 | 82 B | 90 B | 51 B | 12 B | 33100 | 5230 | 7710 | 2340 | 674 | 430 B | 206 B | 153 B | 19 |
| 20 | 80 B | 89 B | 48 B | 15 B | 31700 | 5150 | 7050 | 2210 | 656 | 394 B | 200 B | 150 B | 20 |
| 21 | 85 B | 85 B | 49 B | 16 B | 29400 | 5000 | 6370 | 2090 | 620 | 347 B | 200 B | 147 B | 21 |
| 22 | 88 B | 78 B | 56 B | 14 B | 26600 | 4900 | 5710 | 1980 | 605 | 344 B | 200 B | 143 B | 22 |
| 23 | 96 B | 71 B | 62 B | 14 B | 23700 | 4810 | 5110 | 1890 | 585 | 354 B | 198 B | 140 B | 23 |
| 24 | 94 B | 69 B | 64 B | 16 B | 20900 | 4730 | 4680 | 1830 | 575 | 344 B | 196 B | 137 B | 24 |
| 25 | 94 B | 70 B | 59 B | 20 B | 18600 | 4680 | 4330 | 1790 | 560 | 362 B | 188 B | 134 B | 25 |
| 26 | 90 B | 69 B | 56 B | 31 B | 16700 | 4650 | 4000 | 1710 | 550 | 281 B | 186 B | 131 B | 26 |
| 27 | 82 B | 64 B | 53 B | 48 B | 15200 | 4660 | 3770 | 1610 | 545 | 248 B | 186 B | 129 B | 27 |
| 28 | 78 B | 57 B | 52 B | 77 B | 13900 | 4590 | 3500 | 1520 | 545 | 230 B | 184 B | 126 B | 28 |
| 29 | 76 B | 57 B | 51 B | 122 B | 13000 | 4550 | 3250 | 1460 | 545 | 414 B | 182 B | 123 B | 29 |
| 30 | 72 B | 51 B | 51 B | 144 B | 12000 | 4550 | 3050 | 1440 | 530 | 335 B | 178 B | 120 B | 30 |
| 31 | 77 B | 51 B | 51 B | | 11100 | | 3010 | 1380 | | 378 B | | 117 B | 31 |
| TOTAL | 3238 | 2284 | 1487 | 1096 | 640804 | 188830 | 164670 | 68930 | 24319 | 13176 | 7363 | 4814 | TOTAL |
| MEAN | 104 | 78.8 | 48.0 | 36.5 | 20700 | 6290 | 5310 | 2220 | 811 | 425 | 245 | 155 | MEAN |
| AC-FT | 6420 | 4530 | 2950 | 2170 | 1270000 | 375000 | 327000 | 137000 | 48200 | 26100 | 14600 | 9550 | AC-FT |
| MAX | 154 | 92 | 64 | 144 | 36000 | 10400 | 7830 | 2900 | 1350 | 545 | 362 | 180 | MAX |
| MIN | 72 | 57 | 28 | 12 | 120 | 4550 | 3010 | 1380 | 530 | 230 | 178 | 117 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 3060 CFS
 TOTAL DISCHARGE, 2220000 AC-FT
 MAXIMUM DAILY DISCHARGE, 36000 CFS ON MAY 9
 MINIMUM DAILY DISCHARGE, 12 CFS ON APR 19

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 44 45 N
 LONG 115 51 20 W
 DRAINAGE AREA 18500 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

HAYES RIVER ABOVE CHANTREY INLET - STATION NO. 10SB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|-----|-------|--------|-----|-----|-----|-----|-------|
| 1 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 10500 | --- | --- | --- | 0 B | 1 |
| 2 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 9100 | --- | --- | --- | 0 B | 2 |
| 3 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 8900 E | --- | --- | --- | 0 B | 3 |
| 4 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 8750 E | --- | --- | --- | 0 B | 4 |
| 5 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 8550 E | --- | --- | --- | 0 B | 5 |
| 6 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 8400 E | --- | --- | --- | 0 B | 6 |
| 7 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 8200 E | --- | --- | --- | 0 B | 7 |
| 8 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 8050 E | --- | --- | --- | 0 B | 8 |
| 9 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 7900 E | --- | --- | --- | 0 B | 9 |
| 10 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 7700 E | --- | --- | --- | 0 B | 10 |
| 11 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 7500 E | --- | --- | --- | 0 B | 11 |
| 12 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 7350 E | --- | --- | --- | 0 B | 12 |
| 13 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 7150 E | --- | --- | --- | 0 B | 13 |
| 14 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 7000 E | --- | --- | --- | 0 B | 14 |
| 15 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 6800 E | --- | --- | --- | 0 B | 15 |
| 16 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 6650 E | --- | --- | --- | 0 B | 16 |
| 17 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 6450 E | --- | --- | --- | 0 B | 17 |
| 18 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 6300 E | --- | --- | --- | 0 B | 18 |
| 19 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 6100 E | --- | --- | --- | 0 B | 19 |
| 20 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 5950 E | --- | --- | --- | 0 B | 20 |
| 21 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | --- | 5750 E | --- | --- | --- | 0 B | 21 |
| 22 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 41000 | 5600 E | --- | --- | --- | 0 B | 22 |
| 23 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 35000 | 5450 E | --- | --- | --- | 0 B | 23 |
| 24 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 28400 | 5250 E | --- | --- | --- | 0 B | 24 |
| 25 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 23100 | 5100 E | --- | --- | --- | 0 B | 25 |
| 26 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 19500 | 4900 E | --- | --- | --- | 0 B | 26 |
| 27 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 17400 | 4750 E | --- | --- | --- | 0 B | 27 |
| 28 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 15800 | 4550 E | --- | --- | --- | 0 B | 28 |
| 29 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 14700 | 4350 E | --- | --- | --- | 0 B | 29 |
| 30 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 13700 | 4190 | --- | --- | --- | 0 B | 30 |
| 31 | 0 B | 0 B | 0 B | 0 B | 0 B | --- | 11900 | --- | --- | --- | --- | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- | --- | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- | --- | 0 | MEAN |
| AC-FT | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- | --- | 0 | AC-FT |
| MAX | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- | --- | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | --- | --- | --- | --- | --- | --- | 0 | MIN |

SUMMARY FOR THE YEAR 1972

MINIMUM DAILY DISCHARGE, 0 CFS ON JAN 1

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 67 32 00 N
 LONG 94 05 00 W

B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

NORTHWEST TERRITORIES

JOHNNY HOE RIVER ABOVE LAC STE. THERESE - STATION NO. 10JB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|-----|-----|-----|--------|-------|-------|-------|-------|-------|-------|
| 1 | 178 B | 86.0 B | 42.0 B | --- | --- | --- | --- | 1830 | 950 | 530 | 264 B | 215 B | 1 |
| 2 | 174 B | 84.0 B | 41.0 B | --- | --- | --- | --- | 1720 | 925 | 530 | 258 B | 210 B | 2 |
| 3 | 170 B | 81.0 B | 40.5 B | --- | --- | --- | --- | 1680 | 913 | 510 | 246 B | 205 B | 3 |
| 4 | 169 B | 80.0 B | 40.0 B | --- | --- | --- | --- | 1600 | 900 | 470 B | 220 B | 200 B | 4 |
| 5 | 165 B | 78.0 B | 39.0 B | --- | --- | --- | --- | 1540 | 875 | 540 B | 215 B | 195 B | 5 |
| 6 | 160 B | 75.0 B | 38.0 B | --- | --- | --- | --- | 1580 | 875 | 560 B | 205 B | 190 B | 6 |
| 7 | 158 B | 73.0 B | 37.0 B | --- | --- | --- | --- | 1510 | 913 | 530 B | 200 B | 185 B | 7 |
| 8 | 155 B | 71.0 B | 36.0 B | --- | --- | --- | --- | 1480 | 938 | 460 B | 195 B | 180 B | 8 |
| 9 | 152 B | 69.0 B | 35.5 B | --- | --- | --- | --- | 1460 | 913 | 480 B | 190 B | 180 B | 9 |
| 10 | 149 B | 67.0 B | 35.0 B | --- | --- | --- | --- | 1440 | 888 | 378 B | 190 B | 185 B | 10 |
| 11 | 145 B | 65.0 B | 34.5 B | --- | --- | --- | 3040 A | 1390 | 840 | 378 B | 210 B | 185 B | 11 |
| 12 | 142 B | 63.0 B | 34.0 B | --- | --- | --- | 2960 | 1350 | 820 | 394 B | 215 B | 185 B | 12 |
| 13 | 140 B | 61.0 B | 33.5 B | --- | --- | --- | 2760 | 1330 | 810 | 370 B | 220 B | 185 B | 13 |
| 14 | 138 B | 60.0 B | 33.0 B | --- | --- | --- | 2710 | 1300 | 810 | 328 B | 220 B | 185 B | 14 |
| 15 | 134 B | 58.0 B | 32.7 B | --- | --- | --- | 2690 | 1280 | 810 | 288 B | 220 B | 185 B | 15 |
| 16 | 130 B | 56.0 B | 32.5 B | --- | --- | --- | 2690 | 1250 | 820 | 288 B | 220 B | 185 B | 16 |
| 17 | 127 B | 55.0 B | 32.2 B | --- | --- | --- | 2590 | 1210 | 810 | 215 B | 225 B | 185 B | 17 |
| 18 | 124 B | 54.0 B | 32.0 B | --- | --- | --- | 2500 | 1190 | 800 | 215 B | 220 B | 180 B | 18 |
| 19 | 120 B | 53.0 B | 31.9 B | --- | --- | --- | 2400 | 1150 | 760 | 220 B | 215 B | 180 B | 19 |
| 20 | 118 B | 52.0 B | 31.8 B | --- | --- | --- | 2350 | 1110 | 740 | 205 B | 210 B | 180 B | 20 |
| 21 | 115 B | 51.0 B | 31.7 B | --- | --- | --- | 2280 | 1130 | 730 | 200 B | 215 B | 180 B | 21 |
| 22 | 111 B | 50.0 B | 31.6 B | --- | --- | --- | 2220 | 1100 | 710 | 215 B | 215 B | 180 B | 22 |
| 23 | 107 B | 49.0 B | 31.5 B | --- | --- | --- | 2200 | 1110 | 690 | 210 B | 215 B | 180 B | 23 |
| 24 | 103 B | 48.0 B | 31.5 B | --- | --- | --- | 2190 | 1050 | 670 | 240 B | 215 B | 180 B | 24 |
| 25 | 101 B | 47.0 B | --- | --- | --- | --- | 2170 | 1060 | 650 | 264 B | 215 B | 180 B | 25 |
| 26 | 100 B | 46.0 B | --- | --- | --- | --- | 2170 | 1030 | 620 | 270 B | 215 B | 180 B | 26 |
| 27 | 98.0 B | 45.0 B | --- | --- | --- | --- | 2110 | 988 | 580 | 276 B | 215 B | 180 B | 27 |
| 28 | 96.0 B | 44.0 B | --- | --- | --- | --- | 2080 | 1000 | 570 | 282 B | 215 B | 180 B | 28 |
| 29 | 93.0 B | 43.0 B | --- | --- | --- | --- | 2040 | 963 | 540 | 282 B | 215 B | 180 B | 29 |
| 30 | 90.0 B | --- | --- | --- | --- | --- | 2010 | 938 | 510 | 276 B | 215 B | 175 B | 30 |
| 31 | 89.0 B | --- | --- | --- | --- | --- | 1900 | 938 | --- | 270 B | --- | 175 B | 31 |
| TOTAL | 4051.0 | 1764.0 | --- | --- | --- | --- | --- | 39707 | 23380 | 10674 | 6508 | 5750 | TOTAL |
| MEAN | 131 | 60.8 | --- | --- | --- | --- | --- | 1280 | 779 | 344 | 217 | 185 | MEAN |
| AC-FT | 8040 | 3500 | --- | --- | --- | --- | --- | 78800 | 46400 | 21200 | 12900 | 11400 | AC-FT |
| MAX | 178 | 86 | --- | --- | --- | --- | --- | 1830 | 950 | 560 | 264 | 215 | MAX |
| MIN | 89.0 | 43.0 | --- | --- | --- | --- | --- | 938 | 510 | 200 | 190 | 175 | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 64 34 00 N
 LONG 121 44 30 W
 DRAINAGE AREA 5220 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 NATURAL FLOW

KAKISA RIVER AT OUTLET OF KAKISA LAKE - STATION NO. 07UC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|
| 1 | 224 B | 147 B | 108 B | 118 B | 260 B | 2850 | 3400 | 1760 | 1170 | 794 | 659 B | 578 B | 1 |
| 2 | 216 B | 146 B | 108 B | 124 B | 264 B | 3060 | 3320 | 1450 | 1220 | 885 | 658 B | 586 B | 2 |
| 3 | 212 B | 140 B | 106 B | 126 B | 268 B | 3300 | 3210 | 1760 | 1200 | 1170 | 686 B | 586 B | 3 |
| 4 | 216 B | 138 B | 104 B | 126 B | 272 B | 3380 | 3130 | 1620 | 1050 | 960 | 704 B | 578 B | 4 |
| 5 | 200 B | 138 B | 102 B | 132 B | 276 B | 3430 | 3090 | 1590 | 1030 | 910 | 704 B | 578 B | 5 |
| 6 | 197 B | 138 B | 100 B | 134 B | 285 B | 3490 | 2980 | 1600 | 1030 | 840 | 695 B | 556 B | 6 |
| 7 | 194 B | 134 B | 94 B | 138 B | 290 B | 3620 | 2930 | 1600 | 1010 | 840 | 695 B | 549 B | 7 |
| 8 | 194 B | 136 B | 94 B | 140 B | 295 B | 3600 | 2820 | 1540 | 990 | 880 | 677 B | 549 B | 8 |
| 9 | 194 B | 134 B | 90 B | 143 B | 300 B | 3920 | 2610 | 1550 | 990 | 920 | 677 B | 556 B | 9 |
| 10 | 185 B | 134 B | 88 B | 146 B | 320 | 4020 | 2680 | 1510 | 980 | 860 | 677 B | 549 B | 10 |
| 11 | 182 B | 132 B | 88 B | 155 B | 350 | 4120 | 2620 | 1470 | 950 | 850 | 668 B | 542 B | 11 |
| 12 | 179 B | 128 B | 88 B | 161 B | 386 | 4200 | 2790 | 1410 | 950 | 776 | 668 B | 535 B | 12 |
| 13 | 178 B | 126 B | 86 B | 167 B | 446 | 4100 | 2950 | 1380 | 920 | 785 | 650 B | 528 B | 13 |
| 14 | 176 B | 124 B | 84 B | 173 B | 507 | 4140 | 2490 | 1360 | 920 | 758 | 650 B | 521 B | 14 |
| 15 | 175 B | 122 B | 80 B | 170 B | 578 | 4240 | 2610 | 1350 | 960 | 749 | 659 B | 521 B | 15 |
| 16 | 174 B | 122 B | 80 B | 173 B | 650 | 4260 | 2490 | 1320 | 980 | 659 | 634 B | 521 B | 16 |
| 17 | 172 B | 118 B | 80 B | 182 B | 767 | 4120 | 2330 | 1290 | 950 | 626 | 634 B | 514 B | 17 |
| 18 | 171 B | 118 B | 80 B | 188 B | 880 | 4120 | 2320 | 1240 | 900 | 713 | 634 B | 514 B | 18 |
| 19 | 169 B | 120 B | 80 B | 194 B | 1010 | 4200 | 2250 | 1270 | 880 | 785 | 634 B | 507 B | 19 |
| 20 | 168 B | 118 B | 80 B | 208 B | 1130 | 4160 | 2230 | 1250 | 890 | 749 | 626 B | 500 B | 20 |
| 21 | 167 B | 116 B | 84 B | 212 B | 1180 | 4180 | 2150 | 1260 | 776 | 767 | 626 B | 500 B | 21 |
| 22 | 165 B | 114 B | 86 B | 220 B | 1350 | 3880 | 2090 | 1260 | 812 | 713 B | 602 B | 500 B | 22 |
| 23 | 163 B | 114 B | 88 B | 220 B | 1470 | 3960 | 2130 | 1240 | 890 | 731 B | 602 B | 494 B | 23 |
| 24 | 161 B | 108 B | 92 B | 228 B | 1620 | 3880 | 2090 | 1240 | 930 | 704 B | 602 B | 494 B | 24 |
| 25 | 159 B | 116 B | 96 B | 232 B | 1760 | 3720 | 1920 | 1300 | 910 | 704 B | 602 B | 488 B | 25 |
| 26 | 157 B | 114 B | 100 B | 244 B | 1940 | 3800 | 1970 | 1320 | 890 | 686 B | 586 B | 482 B | 26 |
| 27 | 155 B | 114 B | 104 B | 244 B | 2100 | 3720 | 2090 | 1230 | 910 | 668 B | 594 B | 476 B | 27 |
| 28 | 153 B | 112 B | 106 B | 244 B | 2180 | 3680 | 2030 | 1170 | 850 | 668 B | 586 B | 476 B | 28 |
| 29 | 151 B | 112 B | 108 B | 256 B | 2430 | 3620 | 1980 | 1230 | 840 | 659 B | 586 B | 476 B | 29 |
| 30 | 149 B | --- | 110 B | 256 B | 2540 | 3380 | 1910 | 1210 | 794 | 668 B | 578 B | 464 B | 30 |
| 31 | 148 B | --- | 116 B | --- | 2680 | --- | 1880 | 1200 | --- | 659 B | --- | 464 B | 31 |
| TOTAL | 5504 | 3633 | 2910 | 5454 | 30784 | 114150 | 76990 | 42980 | 28572 | 24176 | 19263 | 16182 | TOTAL |
| MEAN | 178 | 125 | 93.9 | 182 | 993 | 3810 | 2480 | 1390 | 952 | 780 | 642 | 522 | MEAN |
| AC-FT | 10900 | 7210 | 5770 | 10800 | 61100 | 226000 | 153000 | 85300 | 56700 | 48000 | 38200 | 32100 | AC-FT |
| MAX | 224 | 147 | 116 | 256 | 2680 | 4260 | 3400 | 1760 | 1220 | 1170 | 704 | 586 | MAX |
| MIN | 148 | 108 | 80 | 118 | 260 | 2850 | 1880 | 1170 | 776 | 626 | 578 | 464 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1010 CFS
 TOTAL DISCHARGE, 735000 AC-FT
 MAXIMUM DAILY DISCHARGE, 4260 CFS ON JUN 16
 MINIMUM DAILY DISCHARGE, 80 CFS ON MAR 15

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 55 00 N
 LONG 117 25 00 W
 DRAINAGE AREA 5770 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

NORTHWEST TERRITORIES

KAZAN RIVER ABOVE KAZAN FALLS - STATION NO. 06LC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|-------|--------|---------|---------|-------|---------|---------|---------|---------|---------|-------|
| 1 | 1100 B | 1050 B | 990 B | 925 B | 2700 B | 13800 B | --- | 30200 | 22300 E | 19300 E | 15300 B | 11400 B | 1 |
| 2 | 1100 B | 1050 B | 985 B | 925 B | 2800 B | 14400 B | --- | 29200 | 22300 E | 19100 E | 15100 B | 11300 B | 2 |
| 3 | 1100 B | 1050 B | 985 B | 920 B | 2900 B | 15000 B | --- | 28500 | 22200 E | 19000 E | 15000 B | 11100 B | 3 |
| 4 | 1100 B | 1040 B | 980 B | 920 B | 2980 B | 15600 B | --- | 28000 | 22200 E | 18900 E | 14900 B | 11000 B | 4 |
| 5 | 1100 B | 1040 B | 980 B | 920 B | 3050 B | 16200 B | --- | 27100 | 22200 E | 18700 E | 14700 B | 10900 B | 5 |
| 6 | 1100 B | 1040 B | 980 B | 915 B | 3150 B | 16800 B | --- | 26400 | 22200 E | 18600 E | 14600 B | 10800 B | 6 |
| 7 | 1090 B | 1040 B | 980 B | 915 B | 3250 B | 17400 B | --- | 25800 | 22200 E | 18500 E | 14500 B | 10600 B | 7 |
| 8 | 1090 B | 1040 B | 980 B | 910 B | 3320 B | 18000 B | --- | 25600 | 22200 E | 18400 E | 14300 B | 10500 B | 8 |
| 9 | 1090 B | 1040 B | 975 B | 910 B | 3400 B | 18600 B | --- | 24800 | 22200 E | 18200 E | 14200 B | 10400 B | 9 |
| 10 | 1090 B | 1030 B | 975 B | 910 B | 3500 B | 19100 B | --- | 24000 | 22000 E | 18100 E | 14100 B | 10400 B | 10 |
| 11 | 1080 B | 1030 B | 975 B | 1000 B | 3600 B | 19700 B | --- | 23200 | 21900 E | 18000 E | 14000 B | 10300 B | 11 |
| 12 | 1080 B | 1030 B | 970 B | 1030 B | 3700 B | 20300 B | --- | 22900 | 21700 E | 17800 E | 13800 B | 10300 B | 12 |
| 13 | 1080 B | 1030 B | 970 B | 1150 B | 3780 B | 20900 B | --- | 22500 | 21600 E | 17700 E | 13700 B | 10200 B | 13 |
| 14 | 1080 B | 1030 B | 970 B | 1250 B | 3850 B | 21400 B | --- | 22600 | 21400 E | 17600 E | 13600 B | 10100 B | 14 |
| 15 | 1080 B | 1030 B | 970 B | 1350 B | 3920 B | 22000 B | --- | 22600 E | 21300 E | 17500 E | 13400 B | 10000 B | 15 |
| 16 | 1070 B | 1020 B | 965 B | 1400 B | 4600 B | 22600 B | 38900 | 22600 E | 21200 E | 17300 B | 13300 B | 9940 B | 16 |
| 17 | 1070 B | 1020 B | 965 B | 1500 B | 5100 B | 23200 B | 38900 | 22600 E | 21100 E | 17200 B | 13200 B | 9900 B | 17 |
| 18 | 1070 B | 1020 B | 960 B | 1600 B | 5700 B | 23800 B | 39000 | 22600 E | 21000 E | 17100 B | 13000 B | 9850 B | 18 |
| 19 | 1070 B | 1020 B | 960 B | 1700 B | 6300 B | 24400 B | 39000 | 22600 E | 20800 E | 17000 B | 12900 B | 9780 B | 19 |
| 20 | 1070 B | 1020 B | 955 B | 1770 B | 6800 B | 24900 B | 38800 | 22500 E | 20700 E | 16800 B | 12800 B | 9700 B | 20 |
| 21 | 1070 B | 1010 B | 955 B | 1850 B | 7400 B | 25400 B | 38000 | 22500 E | 20600 E | 16700 B | 12600 B | 9650 B | 21 |
| 22 | 1070 B | 1010 B | 950 B | 1950 B | 8000 B | 26000 B | 37400 | 22500 E | 20400 E | 16500 B | 12500 B | 9590 B | 22 |
| 23 | 1070 B | 1010 B | 950 B | 2030 B | 8600 B | 26600 B | 36900 | 22500 E | 20300 E | 16400 B | 12400 B | 9500 B | 23 |
| 24 | 1060 B | 1000 B | 945 B | 2100 B | 9200 B | 27200 B | 36300 | 22400 E | 20200 E | 16300 B | 12300 B | 9450 B | 24 |
| 25 | 1060 B | 1000 B | 945 B | 2200 B | 9800 B | 27800 B | 35600 | 22400 E | 20100 E | 16100 B | 12100 B | 9380 B | 25 |
| 26 | 1060 B | 995 B | 940 B | 2270 B | 10400 B | 28300 B | 35000 | 22400 E | 19900 E | 16000 B | 12000 B | 9300 B | 26 |
| 27 | 1050 B | 995 B | 935 B | 2350 B | 11000 B | 28800 B | 33700 | 22400 E | 19800 E | 15900 B | 11900 B | 9250 B | 27 |
| 28 | 1050 B | 990 B | 935 B | 2450 B | 11600 B | 29400 B | 33100 | 22400 E | 19700 E | 15700 B | 11800 B | 9190 B | 28 |
| 29 | 1050 B | 990 B | 930 B | 2550 B | 12100 B | 30000 B | 33300 | 22400 E | 19500 E | 15600 B | 11700 B | 9100 B | 29 |
| 30 | 1050 B | 990 B | 930 B | 2630 B | 12600 B | 30500 B | 31600 | 22300 E | 19400 E | 15500 B | 11500 B | 9050 B | 30 |
| 31 | 1050 B | 990 B | 925 B | 2700 B | 13200 B | 30900 B | 30900 | 22300 E | 19400 E | 15400 B | 11500 B | 8990 B | 31 |
| TOTAL | 33350 | 29670 | 29810 | 45300 | 192300 | 668100 | --- | 742800 | 634600 | 536900 | 401200 | 310920 | TOTAL |
| MEAN | 1080 | 1020 | 962 | 1510 | 6200 | 22300 | --- | 24800 | 21200 | 17300 | 13400 | 10000 | MEAN |
| AC-FT | 66100 | 58900 | 59100 | 89900 | 381000 | 1330000 | --- | 1470000 | 1260000 | 1060000 | 796000 | 617000 | AC-FT |
| MAX | 1100 | 1050 | 990 | 2630 | 13200 | 30500 | --- | 30200 | 22300 | 19300 | 15300 | 11400 | MAX |
| MIN | 1050 | 990 | 925 | 910 | 2700 | 13800 | --- | 22300 | 19400 | 15400 | 11500 | 8990 | MIN |

SUMMARY FOR THE YEAR 1972

MINIMUM DAILY DISCHARGE, 910 CFS ON APR 8

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 40 25 N
 LONG 95 45 30 W
 DRAINAGE AREA 22700 SQ MILES

B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

KAZAN RIVER AT OUTLET OF ENNADAI LAKE - STATION NO. 06LA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 1810 B | 1680 B | 1560 B | 1810 B | 2170 | 4220 | 5810 | 5140 | 6320 | 7510 | 6410 B | 5120 B | 1 |
| 2 | 1800 B | 1670 B | 1560 B | 1910 B | 2170 | 4400 | 5810 | 5350 | 6380 | 7740 | 6340 B | 5080 B | 2 |
| 3 | 1800 B | 1670 B | 1550 B | 1980 B | 2140 | 4500 | 5840 | 5700 | 6470 | 7940 | 6260 B | 5040 B | 3 |
| 4 | 1800 B | 1660 B | 1550 B | 2000 B | 2130 | 4620 | 5830 | 5190 | 6280 | 7220 | 6310 B | 4980 B | 4 |
| 5 | 1790 B | 1660 B | 1550 B | 2000 B | 2110 | 4710 | 5730 | 5540 | 6280 | 7310 | 6210 B | 4940 B | 5 |
| 6 | 1790 B | 1660 B | 1540 B | 1990 B | 2100 | 4750 | 5580 A | 5750 | 6160 | 7430 | 6110 B | 4920 B | 6 |
| 7 | 1780 B | 1650 B | 1540 B | 2020 B | 2080 | 4890 | 5460 | 5730 | 6220 | 6990 | 6080 B | 4880 B | 7 |
| 8 | 1780 B | 1650 B | 1540 B | 2060 B | 2030 | 5010 | 5400 | 5740 | 6410 | 7310 | 6010 B | 4840 B | 8 |
| 9 | 1780 B | 1640 B | 1530 B | 2100 B | 2020 | 5050 | 5090 | 5860 | 6950 | 7280 | 6000 B | 4830 B | 9 |
| 10 | 1770 B | 1640 B | 1530 B | 2120 B | 2010 | 5140 | 4840 | 5680 | 7260 | 7040 | 5970 B | 4770 B | 10 |
| 11 | 1770 B | 1640 B | 1550 B | 2110 B | 1970 | 5220 | 4860 | 5640 | 7280 A | 7330 | 5870 B | 4720 B | 11 |
| 12 | 1760 B | 1630 B | 1540 B | 2110 B | 1950 | 5250 | 5200 | 5800 | 7340 E | 7190 | 5830 B | 4690 B | 12 |
| 13 | 1760 B | 1630 B | 1570 B | 2120 B | 1950 | 5310 | 5010 | 5930 | 7390 E | 7050 | 5830 B | 4640 B | 13 |
| 14 | 1760 B | 1620 B | 1590 B | 2090 B | 1980 | 5460 | 5020 | 6010 | 7450 E | 7070 | 5780 B | 4620 B | 14 |
| 15 | 1740 B | 1620 B | 1590 B | 2100 B | 2010 | 5530 | 4920 | 6010 | 7500 A | 6940 | 5740 B | 4610 B | 15 |
| 16 | 1740 B | 1620 B | 1610 B | 2100 B | 1990 | 5570 | 4980 | 6010 | 7500 | 6840 | 5730 B | 4590 B | 16 |
| 17 | 1730 B | 1610 B | 1620 B | 2110 B | 2010 | 5570 | 4890 | 5890 | 7590 | 6950 | 5640 B | 4570 B | 17 |
| 18 | 1730 B | 1610 B | 1620 B | 2120 B | 2050 | 5610 | 4320 | 6090 | 7620 | 6910 B | 5600 B | 4550 B | 18 |
| 19 | 1730 B | 1600 B | 1650 B | 2120 B | 2090 | 5680 | 4760 | 5850 | 7720 A | 6870 B | 5590 B | 4540 B | 19 |
| 20 | 1720 B | 1600 B | 1660 B | 2150 B | 2160 | 5640 | 5160 | 5860 | 6620 A | 6860 B | 5530 B | 4520 B | 20 |
| 21 | 1720 B | 1600 B | 1680 B | 2160 B | 2220 | 5700 | 5480 | 6130 | 7110 | 6830 B | 5460 B | 4500 B | 21 |
| 22 | 1710 B | 1590 B | 1700 B | 2140 B | 2300 | 5670 | 5410 | 6020 | 7560 | 6750 B | 5480 B | 4480 B | 22 |
| 23 | 1710 B | 1590 B | 1720 B | 2130 B | 2540 | 5670 | 5310 | 5940 | 7710 | 6720 B | 5330 B | 4460 B | 23 |
| 24 | 1710 B | 1580 B | 1740 B | 2140 B | 2780 | 5770 | 5320 | 6150 | 7640 | 6690 B | 5310 B | 4440 B | 24 |
| 25 | 1700 B | 1580 B | 1740 B | 2140 B | 2960 | 5760 | 5350 | 6260 | 7730 | 6650 B | 5300 B | 4420 B | 25 |
| 26 | 1700 B | 1580 B | 1760 B | 2170 B | 3170 | 5650 | 5270 | 6210 | 7680 | 6620 B | 5250 B | 4410 B | 26 |
| 27 | 1690 B | 1570 B | 1760 B | 2180 B | 3370 | 5750 | 5330 | 6200 | 7730 | 6590 B | 5250 B | 4390 B | 27 |
| 28 | 1690 B | 1570 B | 1780 B | 2170 B | 3570 | 5720 | 5290 | 6170 | 7640 | 6540 B | 5220 B | 4370 B | 28 |
| 29 | 1690 B | 1570 B | 1790 B | 2160 B | 3730 | 5710 | 5350 | 6160 | 7580 | 6490 B | 5180 B | 4350 B | 29 |
| 30 | 1680 B | 1570 B | 1810 B | 2150 B | 3940 | 5790 | 5010 | 6120 | 7440 | 6460 B | 5170 B | 4330 B | 30 |
| 31 | 1680 B | 1570 B | 1850 B | 2180 B | 4080 | 5700 | 5170 | 6240 | 7440 | 6510 B | 5170 B | 4310 B | 31 |
| TOTAL | 54020 | 46990 | 50780 | 62660 | 75780 | 159320 | 162800 | 182370 | 211050 | 216590 | 171790 | 143910 | TOTAL |
| MEAN | 1740 | 1620 | 1640 | 2090 | 2440 | 5310 | 5250 | 5880 | 7040 | 6990 | 5730 | 4640 | MEAN |
| AC-FT | 107000 | 93200 | 101000 | 124000 | 150000 | 316000 | 323000 | 362000 | 419000 | 430000 | 341000 | 285000 | AC-FT |
| MAX | 1810 | 1680 | 1850 | 2180 | 4080 | 5790 | 5840 | 6260 | 7730 | 7940 | 6410 | 5120 | MAX |
| MIN | 1680 | 1570 | 1530 | 1810 | 1950 | 4220 | 4320 | 5140 | 4470 | 6460 | 5170 | 4310 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 4200 CFS
 TOTAL DISCHARGE, 3050000 AC-FT
 MAXIMUM DAILY DISCHARGE, 7940 CFS ON OCT 3
 MINIMUM DAILY DISCHARGE, 1530 CFS ON MAR 9

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 15 40 N
 LONG 100 58 20 W
 DRAINAGE AREA 8100 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

NORTHWEST TERRITORIES

KENDALL RIVER NEAR OUTLET OF DISMAL LAKES - STATION NO. 10PC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|-----|--------|-------|--------|--------|--------|-----|-------|
| 1 | --- | --- | --- | --- | --- | --- | --- | 597 E | 212 B | 38.0 B | 3.4 B | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | 577 E | 210 B | 36.0 B | 3.2 B | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | 556 E | 193 B | 34.0 B | 3.0 B | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | 537 E | 181 B | 31.0 B | 2.8 B | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | 518 E | 180 B | 28.0 B | 2.4 B | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | 500 E | 165 B | 26.0 B | 2.2 B | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 483 E | 159 B | 24.0 B | 2.0 B | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | 466 E | 152 B | 22.0 B | 1.8 B | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 2410 A | 450 E | 146 B | 20.0 B | 1.7 B | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 2110 | 435 E | 138 B | 19.0 B | 1.6 B | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 1800 | 419 E | 132 B | 17.0 B | 1.4 B | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 1850 | 405 E | 127 B | 16.0 B | 1.3 B | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 1680 | 390 E | 116 B | 15.0 B | 1.1 B | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 1650 A | 376 E | 111 B | 14.0 B | 0.90 B | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 1360 A | 363 E | 102 B | 13.0 B | 0.70 B | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 1350 A | 350 E | 97.0 B | 12.0 B | 0.50 B | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 1250 A | 338 E | 93.0 B | 11.0 B | 0.30 B | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 1140 E | 326 E | 83.0 B | 10.0 B | 0.20 B | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 1080 E | 315 E | 81.0 B | 9.4 B | 0.10 B | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 1010 E | 304 E | 74.0 B | 9.0 B | 0 B | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 937 E | 293 E | 73.0 B | 8.4 B | 0 B | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 875 E | 283 E | 66.0 B | 7.8 B | 0 B | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 827 A | 273 E | 63.0 B | 7.2 B | 0 B | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 803 A | 261 A | 60.0 B | 6.6 B | 0 B | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 667 A | 250 | 58.0 B | 6.0 B | 0 B | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 745 E | 252 | 53.0 B | 5.4 B | 0 B | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 717 | 247 | 49.0 B | 5.0 B | 0 B | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 692 | 235 | 46.0 B | 4.6 B | 0 B | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | 667 | 230 | 43.0 B | 4.2 B | 0 B | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | 643 | 222 | 40.0 B | 3.8 B | 0 B | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 620 E | 222 | 36.6 B | 3.6 B | 0 B | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | 11473 | 3303.0 | 467.0 | 30.60 | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | 370 | 110 | 15.1 | 1.0 | --- | MEAN |
| AC-FT | --- | --- | --- | --- | --- | --- | --- | 22800 | 6550 | 926 | 60.7 | --- | AC-FT |
| MAX | --- | --- | --- | --- | --- | --- | --- | 597 | 212 | 38.0 | 3.4 | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | 222 | 40.0 | 3.6 | 0 | --- | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 67 13 00 N
 LONG 116 31 30 W
 DRAINAGE AREA 1080 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

KINGYOUK CREEK NEAR BAKER LAKE - STATION NO. 06MA002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|---------|-------|------|------|------|-----|-----|-------|
| 1 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 724 | 108 | 32 | 27 | 0 B | 0 B | 1 |
| 2 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 651 | 116 | 36 | 28 | 0 B | 0 B | 2 |
| 3 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 562 | 98 | 44 | 31 | 0 B | 0 B | 3 |
| 4 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 520 | 91 | 53 | 31 | 0 B | 0 B | 4 |
| 5 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 450 | 91 | 58 | 6 | 0 B | 0 B | 5 |
| 6 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 395 | 87 | 58 | 0 | 0 B | 0 B | 6 |
| 7 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 390 | 71 | 87 | 8 | 0 B | 0 B | 7 |
| 8 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 345 | 55 | 111 | 35 | 0 B | 0 B | 8 |
| 9 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 323 | 62 | 103 | 39 | 0 B | 0 B | 9 |
| 10 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 300 | 53 | 96 | 55 | 0 B | 0 B | 10 |
| 11 | 0 B | 0 B | 0 B | 0 B | 0 B | 0 B | 296 | 52 | 116 | 58 | 0 B | 0 B | 11 |
| 12 | 0 B | 0 B | 0 B | 0 B | 0 B | 0.3 B | 258 | 48 | 118 | 76 | 0 B | 0 B | 12 |
| 13 | 0 B | 0 B | 0 B | 0 B | 0 B | 38.6 B | 258 | 44 | 126 | 74 | 0 B | 0 B | 13 |
| 14 | 0 B | 0 B | 0 B | 0 B | 0 B | 33.4 B | 217 | 42 | 135 | 20 | 0 B | 0 B | 14 |
| 15 | 0 B | 0 B | 0 B | 0 B | 0 B | 225 B | 220 | 42 | 135 | 0 | 0 B | 0 B | 15 |
| 16 | 0 B | 0 B | 0 B | 0 B | 0 B | 417 B | 220 | 42 | 118 | 6 | 0 B | 0 B | 16 |
| 17 | 0 B | 0 B | 0 B | 0 B | 0 B | 324 B | 220 | 42 | 138 | 0 B | 0 B | 0 B | 17 |
| 18 | 0 B | 0 B | 0 B | 0 B | 0 B | 245 B | 220 | 42 | 275 | 0 B | 0 B | 0 B | 18 |
| 19 | 0 B | 0 B | 0 B | 0 B | 0 B | 563 B | 220 | 39 | 300 | 0 B | 0 B | 0 B | 19 |
| 20 | 0 B | 0 B | 0 B | 0 B | 0 B | 1090 B | 213 | 36 | 199 | 0 B | 0 B | 0 B | 20 |
| 21 | 0 B | 0 B | 0 B | 0 B | 0 B | 1140 B | 203 | 39 | 94 | 0 B | 0 B | 0 B | 21 |
| 22 | 0 B | 0 B | 0 B | 0 B | 0 B | 1340 B | 169 | 39 | 38 | 0 B | 0 B | 0 B | 22 |
| 23 | 0 B | 0 B | 0 B | 0 B | 0 B | 1320 B | 153 | 42 | 24 | 0 B | 0 B | 0 B | 23 |
| 24 | 0 B | 0 B | 0 B | 0 B | 0 B | 1600 B | 118 | 42 | 16 | 0 B | 0 B | 0 B | 24 |
| 25 | 0 B | 0 B | 0 B | 0 B | 0 B | 1950 B | 138 | 36 | 6 | 0 B | 0 B | 0 B | 25 |
| 26 | 0 B | 0 B | 0 B | 0 B | 0 B | 1620 | 138 | 39 | 116 | 0 B | 0 B | 0 B | 26 |
| 27 | 0 B | 0 B | 0 B | 0 B | 0 B | 1450 | 123 | 28 | 83 | 0 B | 0 B | 0 B | 27 |
| 28 | 0 B | 0 B | 0 B | 0 B | 0 B | 1190 | 123 | 32 | 67 | 0 B | 0 B | 0 B | 28 |
| 29 | 0 B | 0 B | 0 B | 0 B | 0 B | 980 | 111 | 42 | 48 | 0 B | 0 B | 0 B | 29 |
| 30 | 0 B | 0 B | 0 B | 0 B | 0 B | 875 | 111 | 42 | 42 | 0 B | 0 B | 0 B | 30 |
| 31 | 0 B | 0 B | 0 B | 0 B | 0 B | 106 | 106 | 39 | 0 B | 0 B | 0 B | 0 B | 31 |
| TOTAL | 0 | 0 | 0 | 0 | 0 | 16401.3 | 8495 | 1681 | 2872 | 494 | 0 | 0 | TOTAL |
| MEAN | 0 | 0 | 0 | 0 | 0 | 547 | 274 | 54.2 | 95.7 | 15.9 | 0 | 0 | MEAN |
| AC-FT | 0 | 0 | 0 | 0 | 0 | 32500 | 16800 | 3330 | 5700 | 980 | 0 | 0 | AC-FT |
| MAX | 0 | 0 | 0 | 0 | 0 | 1950 | 724 | 116 | 300 | 76 | 0 | 0 | MAX |
| MIN | 0 | 0 | 0 | 0 | 0 | 0 | 106 | 28 | 6 | 0 | 0 | 0 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 81.8 CFS
 TOTAL DISCHARGE, 59300 AC-FT
 MAXIMUM DAILY DISCHARGE, 1950 CFS ON JUN 25
 MINIMUM DAILY DISCHARGE, 0 CFS ON JAN 1

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 64 15 30 N
 LONG 96 19 00 W
 DRAINAGE AREA 167 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

NORTHWEST TERRITORIES

LIARD RIVER AT FORT LIARD - STATION NO. 10ED001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|---------|----------|----------|---------|---------|---------|---------|---------|---------|-------|
| 1 | 9050 B | 7040 B | 6450 B | 7050 B | 16000 B | 290000 | 193000 | 145000 | 70100 | 52400 | 32500 B | 17200 B | 1 |
| 2 | 9000 B | 6950 B | 6420 B | 7100 B | 18000 B | 345000 | 175000 | 135000 | 67800 | 56600 | 30000 B | 17400 B | 2 |
| 3 | 8950 B | 6910 B | 6410 B | 7200 B | 21500 B | 353000 | 159000 | 135000 | 65400 | 63300 | 28000 B | 17600 B | 3 |
| 4 | 8900 B | 6820 B | 6400 B | 7250 B | 25000 B | 349000 | 148000 | 133000 | 63100 | 71700 | 26500 B | 17600 B | 4 |
| 5 | 8850 B | 6730 B | 6400 B | 7350 B | 27500 B | 313000 | 142000 | 128000 | 61000 | 75000 | 25000 B | 17500 B | 5 |
| 6 | 8800 B | 6640 B | 6350 B | 7400 B | 32000 B | 254000 | 140000 | 123000 | 60800 | 73900 | 23500 B | 17400 B | 6 |
| 7 | 8750 B | 6590 B | 6300 B | 7500 B | 36000 B | 214000 | 137000 | 121000 | 60000 | 73500 | 22200 B | 17200 B | 7 |
| 8 | 8650 B | 6550 B | 6300 B | 7600 B | 42000 B | 196000 | 134000 | 122000 | 61000 | 74700 | 21100 B | 17000 B | 8 |
| 9 | 8550 B | 6500 B | 6270 B | 7790 B | 48000 B | 195000 | 130000 | 119000 | 63100 | 74200 | 20500 B | 16800 B | 9 |
| 10 | 8450 B | 6460 B | 6250 B | 7900 B | 53000 B | 190000 | 127000 | 114000 | 63400 | 74600 | 19800 B | 16600 B | 10 |
| 11 | 8400 B | 6410 B | 6260 B | 8000 B | 60000 B | 195000 | 124000 | 111000 | 62400 | 70800 | 19100 B | 16400 B | 11 |
| 12 | 8350 B | 6380 B | 6270 B | 8100 B | 69000 B | 219000 | 125000 | 109000 | 61200 | 65200 | 18700 B | 16200 B | 12 |
| 13 | 8300 B | 6320 B | 6280 B | 8200 B | 79000 B | 247000 | 123000 | 108000 | 60100 | 61200 | 18200 B | 16000 B | 13 |
| 14 | 8250 B | 6280 B | 6290 B | 8300 B | 90000 B | 264000 | 115000 | 109000 | 59600 | 59400 | 17900 B | 15700 B | 14 |
| 15 | 8150 B | 6240 B | 6300 B | 8400 B | 100000 B | 274000 | 107000 | 107000 | 59500 | 59200 | 17700 B | 15400 B | 15 |
| 16 | 8050 B | 6190 B | 6330 B | 8600 B | 112000 E | 277000 | 104000 | 98900 | 59200 | 58500 | 17400 B | 15200 B | 16 |
| 17 | 7950 B | 6150 B | 6360 B | 8800 B | 125000 E | 280000 | 102000 | 92700 | 59300 | 57200 | 17000 B | 15000 B | 17 |
| 18 | 7850 B | 6100 B | 6390 B | 9000 B | 140000 E | 301000 | 98800 | 88800 | 61600 | 55400 | 16800 B | 14700 B | 18 |
| 19 | 7750 B | 6080 B | 6400 B | 9200 B | 155000 E | 290000 | 95200 | 88900 | 66300 | 54100 | 16600 B | 14400 B | 19 |
| 20 | 7650 B | 6100 B | 6420 B | 9400 B | 170000 E | 262000 | 92500 | 96300 | 68200 | 53200 | 16500 B | 14200 B | 20 |
| 21 | 7600 B | 6110 B | 6450 B | 9700 B | 190000 E | 236000 | 92700 | 122000 | 66400 | 52100 | 16400 B | 14000 B | 21 |
| 22 | 7550 B | 6150 B | 6500 B | 10000 B | 210000 E | 214000 | 93300 | 139000 | 65000 | 51000 | 16300 B | 13800 B | 22 |
| 23 | 7500 B | 6200 B | 6550 B | 10400 B | 228000 E | 206000 | 109000 | 126000 | 62700 | 49600 | 16200 B | 13600 B | 23 |
| 24 | 7450 B | 6250 B | 6600 B | 10800 B | 223000 A | 237000 | 119000 | 110000 | 60400 | 48200 | 16100 B | 13300 B | 24 |
| 25 | 7400 B | 6300 B | 6650 B | 11200 B | 212000 | 242000 | 129000 | 99800 | 58200 | 47600 | 16100 B | 13000 B | 25 |
| 26 | 7360 B | 6350 B | 6700 B | 11800 B | 178000 | 234000 | 151000 | 92700 | 56000 | 47000 B | 16300 B | 12800 B | 26 |
| 27 | 7270 B | 6400 B | 6800 B | 12400 B | 154000 | 231000 | 183000 | 87300 | 53800 | 45000 B | 16500 B | 12600 B | 27 |
| 28 | 7220 B | 6400 B | 6850 B | 13000 B | 146000 | 228000 | 195000 | 83100 | 52800 | 42500 B | 16700 B | 12400 B | 28 |
| 29 | 7180 B | 6400 B | 6900 B | 13800 B | 155000 | 222000 | 190000 | 79100 | 51600 | 40000 B | 16800 B | 12200 B | 29 |
| 30 | 7130 B | 6400 B | 6950 B | 14600 B | 186000 | 212000 | 175000 | 75500 | 50900 | 37500 B | 17000 B | 11900 B | 30 |
| 31 | 7090 B | 6400 B | 7000 B | 15000 B | 235000 | 235000 | 161000 | 72400 | 50000 | 35000 B | 17100 B | 11700 B | 31 |
| TOTAL | 249400 | 186000 | 200800 | 277840 | 3536000 | 7570000 | 4169500 | 3371500 | 1830900 | 1779600 | 589400 | 466800 | TOTAL |
| MEAN | 8050 | 6410 | 6480 | 9260 | 114000 | 252000 | 135000 | 109000 | 61000 | 57400 | 19600 | 15100 | MEAN |
| AC-FT | 495000 | 369000 | 398000 | 551000 | 7010000 | 15000000 | 8270000 | 6690000 | 3630000 | 3530000 | 1170000 | 926000 | AC-FT |
| MAX | 9050 | 7040 | 7000 | 14600 | 235000 | 353000 | 195000 | 145000 | 70100 | 75000 | 32500 | 17600 | MAX |
| MIN | 7090 | 6080 | 6250 | 7050 | 16000 | 190000 | 92500 | 72400 | 50900 | 35000 | 16100 | 11700 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 66200 CFS
 TOTAL DISCHARGE, 48000000 AC-FT
 MAXIMUM DAILY DISCHARGE, 353000 CFS ON JUN 3
 MINIMUM DAILY DISCHARGE, 6080 CFS ON FEB 19
 MAXIMUM INSTANTANEOUS DISCHARGE
 355000 CFS AT 1700 MST ON JUN 3

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 14 35 N
 LONG 123 28 45 W
 DRAINAGE AREA 85700 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

LIARD RIVER NEAR THE MOUTH - STATION NO. 10ED002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|----------|----------|---------|---------|---------|---------|---------|-------|
| 1 | --- | --- | --- | --- | --- | 312000 | 270000 | 253000 | 92400 | 61900 | 38500 B | 25100 B | 1 |
| 2 | --- | --- | --- | --- | --- | 396000 | 245000 | 223000 | 88800 | 61500 | 37000 B | 25400 B | 2 |
| 3 | --- | --- | --- | --- | --- | 473000 | 223000 | 198000 | 86100 | 63000 | 35500 B | 25800 B | 3 |
| 4 | --- | --- | --- | --- | --- | 482000 | 213000 | 184000 | 83200 | 66500 | 34000 B | 25900 B | 4 |
| 5 | --- | --- | --- | --- | --- | 456000 | 201000 | 184000 | 80800 | 72600 | 31000 B | 26000 B | 5 |
| 6 | --- | --- | --- | --- | --- | 408000 | 185000 | 178000 | 79400 | 79200 | 28000 B | 25900 B | 6 |
| 7 | --- | --- | --- | --- | --- | 348000 | 176000 | 166000 | 77300 | 81400 | 25000 B | 25800 B | 7 |
| 8 | --- | --- | --- | --- | --- | 318000 A | 169000 | 158000 | 75800 | 80800 | 23000 B | 25500 B | 8 |
| 9 | --- | --- | --- | --- | --- | 313000 E | 168000 | 158000 | 75400 | 80400 | 22000 B | 25100 B | 9 |
| 10 | --- | --- | --- | --- | --- | 309000 E | 177000 | 158000 | 75600 | 80400 | 21200 B | 24800 B | 10 |
| 11 | --- | --- | --- | --- | --- | 305000 E | 168000 | 151000 | 76700 | 80000 | 21000 B | 24500 B | 11 |
| 12 | --- | --- | --- | --- | --- | 301000 E | 158000 | 145000 | 76500 | 78200 | 20500 B | 24000 B | 12 |
| 13 | --- | --- | --- | --- | --- | 296000 A | 153000 | 141000 | 75200 | 74600 | 20400 B | 23700 B | 13 |
| 14 | --- | --- | --- | --- | --- | 308000 | 150000 | 137000 | 73900 | 70600 | 20200 B | 23300 B | 14 |
| 15 | --- | --- | --- | --- | --- | 327000 | 146000 | 135000 | 72800 | 67500 | 20000 B | 23000 B | 15 |
| 16 | --- | --- | --- | --- | --- | 340000 | 139000 | 133000 | 72200 | 66500 | 20000 B | 23600 B | 16 |
| 17 | --- | --- | --- | --- | --- | 342000 | 135000 | 128000 | 72600 | 66300 | 20200 B | 22000 B | 17 |
| 18 | --- | --- | --- | --- | --- | 337000 | 137000 | 121000 | 73100 | 65600 | 20400 B | 21700 B | 18 |
| 19 | --- | --- | --- | --- | --- | 348000 | 133000 | 116000 | 73100 | 64600 | 20500 B | 21200 B | 19 |
| 20 | --- | --- | --- | --- | --- | 360000 | 127000 | 114000 | 75200 | 62700 | 20800 B | 21000 B | 20 |
| 21 | --- | --- | --- | --- | --- | 336000 | 122000 | 120000 | 77700 | 61700 | 21000 B | 20600 B | 21 |
| 22 | --- | --- | --- | --- | --- | 313000 | 123000 | 134000 | 78600 | 61000 | 21300 B | 20400 B | 22 |
| 23 | --- | --- | --- | --- | --- | 286000 | 182000 | 153000 | 77100 | 60000 | 21800 B | 20200 B | 23 |
| 24 | --- | --- | --- | --- | --- | 259000 | 254000 | 153000 | 75400 | 58900 | 22200 B | 20000 B | 24 |
| 25 | --- | --- | --- | --- | --- | 259000 | 253000 | 139000 | 73100 | 56000 B | 22800 B | 19900 B | 25 |
| 26 | --- | --- | --- | --- | --- | 279000 | 244000 | 126000 | 70400 | 54000 B | 23200 B | 19800 B | 26 |
| 27 | --- | --- | --- | --- | --- | 217000 A | 284000 | 288000 | 118000 | 49000 B | 23500 B | 19700 B | 27 |
| 28 | --- | --- | --- | --- | --- | 206000 | 308000 | 357000 | 111000 | 45000 B | 24000 B | 19500 B | 28 |
| 29 | --- | --- | --- | --- | --- | 197000 | 312000 | 347000 | 105000 | 43000 B | 24500 B | 19400 B | 29 |
| 30 | --- | --- | --- | --- | --- | 213000 | 293000 | 298000 | 100000 | 41000 B | 25000 B | 19200 B | 30 |
| 31 | --- | --- | --- | --- | --- | 257000 | 276000 | 96400 | 96400 | 40000 B | 19000 B | 19000 B | 31 |
| TOTAL | --- | --- | --- | --- | --- | 10008000 | 6217000 | 4536400 | 2270200 | 1993900 | 728500 | 701000 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 334000 | 201000 | 146000 | 75700 | 64300 | 24300 | 22600 | MEAN |
| AC-FT | --- | --- | --- | --- | --- | 19900000 | 12300000 | 9000000 | 4500000 | 3950000 | 1440000 | 1390000 | AC-FT |
| MAX | --- | --- | --- | --- | --- | 482000 | 357000 | 253000 | 92400 | 81400 | 38500 | 26000 | MAX |
| MIN | --- | --- | --- | --- | --- | 259000 | 122000 | 96400 | 63000 | 40000 | 20000 | 19000 | MIN |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY DISCHARGE, 482000 CFS ON JUN 4
 MAXIMUM INSTANTANEOUS DISCHARGE
 486000 CFS AT 2300 MST ON JUN 3

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 34 40 N
 LONG 121 24 50 W

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

LITTLE BUFFALO RIVER NEAR PINE POINT HIGHWAY - STATION NO. 07PB002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|--------|--------|--------|-------|------|-------|-------|-------|-----|-------|
| 1 | --- | --- | --- | --- | 25.0 B | 136 | 43.5 | 3.9 | 1.8 | 5.4 | 5.4 B | --- | 1 |
| 2 | --- | --- | --- | --- | 20.0 B | 126 | 43.5 | 3.4 | 1.8 | 5.1 | 5.4 B | --- | 2 |
| 3 | --- | --- | --- | --- | 110 B | 122 | 43.5 | 4.2 | 2.0 | 4.2 | 5.3 B | --- | 3 |
| 4 | --- | --- | --- | --- | 242 B | 116 | 43.5 | 4.2 | 1.8 | 3.9 | 5.3 B | --- | 4 |
| 5 | --- | --- | --- | --- | 231 B | 110 | 41.3 | 3.4 | 1.8 | 3.9 | 5.3 B | --- | 5 |
| 6 | --- | --- | --- | --- | 224 B | 110 | 40.2 | 3.4 | 1.8 | 3.9 | 5.2 B | --- | 6 |
| 7 | --- | --- | --- | --- | 214 B | 114 | 40.2 | 3.4 | 1.8 | 4.2 | 5.2 B | --- | 7 |
| 8 | --- | --- | --- | --- | 203 B | 104 | 39.1 | 3.4 | 1.6 | 4.2 | 5.1 B | --- | 8 |
| 9 | --- | --- | --- | --- | 195 B | 98.6 | 39.1 | 3.4 | 1.6 | 4.5 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | 187 B | 91.0 | 38.0 | 3.6 | 1.5 | 4.5 B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | 180 B | 85.8 | 34.7 | 3.9 | 2.0 | 4.5 B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | 172 B | 80.5 | 30.7 | 3.6 | 3.0 | 4.2 B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | 179 B | 80.5 | 31.6 | 3.0 | 3.4 | 3.9 B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | 190 B | 87.5 | 28.0 | 3.0 | 4.8 | 4.2 B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | 199 B | 87.5 | 24.4 | 3.2 | 5.1 | 3.9 B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | 210 B | 87.5 | 21.4 | 3.2 | 6.3 | 4.2 B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | 221 B | 84.0 | 20.0 | 3.0 | 9.0 | 5.4 B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | 232 A | 77.0 | 17.9 | 2.8 | 10.0 | 6.0 B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | 225 | 71.9 | 16.6 | 3.2 | 10.0 | 5.9 B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | 205 | 68.7 | 14.8 | 3.2 | 9.0 | 5.9 B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | 185 | 60.7 | 13.0 | 2.8 | 8.2 | 5.9 B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | 177 | 57.5 | 11.0 | 2.8 | 7.4 | 5.8 B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | 169 | 62.3 | 8.6 | 2.6 | 7.0 | 5.8 B | --- | --- | 23 |
| 24 | --- | --- | --- | --- | 167 | 51.9 | 7.0 | 2.6 | 6.0 | 5.7 B | --- | --- | 24 |
| 25 | --- | --- | --- | --- | 167 | 47.7 | 6.6 | 2.4 | 5.7 | 5.7 B | --- | --- | 25 |
| 26 | --- | --- | --- | --- | 164 | 46.3 | 6.3 | 2.4 | 5.7 | 5.7 B | --- | --- | 26 |
| 27 | --- | --- | --- | 0 B | 160 | 46.3 | 6.0 | 2.2 | 5.7 | 5.6 B | --- | --- | 27 |
| 28 | --- | --- | --- | 3.0 B | 152 | 43.5 | 4.8 | 2.0 | 5.4 | 5.6 B | --- | --- | 28 |
| 29 | --- | --- | --- | 6.0 B | 150 | 46.3 | 4.2 | 2.0 | 5.4 | 5.5 B | --- | --- | 29 |
| 30 | --- | --- | --- | 11.0 B | 142 | 43.5 | 5.4 | 1.8 | 5.4 | 5.5 B | --- | --- | 30 |
| 31 | --- | --- | --- | --- | 138 | --- | 4.5 | 1.8 | --- | 5.5 B | --- | --- | 31 |
| TOTAL | --- | --- | --- | --- | 5465.0 | 2444.5 | 729.4 | 93.8 | 142.0 | 154.2 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | 176 | 81.5 | 23.5 | 3.0 | 4.7 | 5.0 | --- | --- | MEAN |
| AC-FT | --- | --- | --- | --- | 10800 | 4850 | 1450 | 186 | 282 | 306 | --- | --- | AC-FT |
| MAX | --- | --- | --- | --- | 242 | 136 | 43.5 | 4.2 | 10.0 | 6.0 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | 25.0 | 43.5 | 4.2 | 1.8 | 1.5 | 3.9 | --- | --- | MIN |

SUMMARY FOR THE MONTHS MAY TO OCT

MEAN DISCHARGE, 49.1 CFS
 TOTAL DISCHARGE, 17900 AC-FT
 MAXIMUM DAILY DISCHARGE, 242 CFS ON MAY 4
 MINIMUM DAILY DISCHARGE, 1.5 CFS ON SEP 10

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 02 54 N
 LONG 112 41 59 W
 DRAINAGE AREA 1390 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 NATURAL FLOW

LOCKHART RIVER AT OUTLET OF ARTILLERY LAKE - STATION NO. 07RD001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 4870 | 4580 | 4210 | 3370 | 2990 | 3300 | 4210 | 4890 | 5140 | 4800 | 4380 E | 4000 E | 1 |
| 2 | 4870 | 4600 | 4210 | 3330 | 2990 | 3370 | 4190 | 4840 | 5190 | 4720 | 4370 E | 3990 E | 2 |
| 3 | 4840 | 4580 | 4190 | 3280 | 2970 | 3390 | 4170 | 5010 | 5350 | 4600 | 4350 E | 3980 E | 3 |
| 4 | 4820 | 4620 | 4160 | 3260 | 2950 | 3420 | 4170 | 4920 | 5500 | 4750 | 4340 E | 3960 E | 4 |
| 5 | 4860 | 4620 | 4130 | 3260 | 2930 | 3470 | 4240 | 4910 | 5370 | 4700 | 4330 E | 3950 A | 5 |
| 6 | 4870 | 4600 | 4090 | 3260 | 2950 | 3580 | 4270 | 4920 | 5280 | 4700 | 4320 E | 3950 E | 6 |
| 7 | 4870 | 4570 | 4030 | 3250 | 2970 | 3610 | 4220 | 4940 | 5210 | 4790 | 4300 E | 3950 A | 7 |
| 8 | 4890 | 4580 | 3940 | 3190 | 2970 | 3610 | 4220 | 4990 | 5160 | 4720 | 4290 E | 3940 E | 8 |
| 9 | 4910 | 4570 | 3910 | 3180 | 3000 | 3650 | 4320 | 5030 | 5140 | 4960 | 4280 E | 3930 E | 9 |
| 10 | 4890 | 4580 | 3920 | 3170 | 2970 | 3700 | 4350 | 5120 | 5100 | 4720 | 4270 E | 3910 E | 10 |
| 11 | 4870 | 4530 | 3910 | 3160 | 2990 | 3730 | 4250 | 5100 | 5100 | 4500 | 4250 E | 3900 E | 11 |
| 12 | 4840 | 4530 | 3910 | 3140 | 2970 | 3770 | 4290 | 5080 | 5070 | 4580 | 4240 E | 3890 E | 12 |
| 13 | 4820 | 4530 | 3890 | 3130 | 2960 | 3830 | 4370 | 5070 | 5120 | 4580 | 4230 E | 3880 E | 13 |
| 14 | 4790 | 4520 | 3880 | 3130 | 2960 | 3800 | 4330 | 5080 | 5170 | 4580 | 4210 E | 3860 E | 14 |
| 15 | 4800 | 4500 | 3860 | 3120 | 2950 | 3800 | 4430 | 5140 | 5140 | 4620 | 4200 E | 3850 E | 15 |
| 16 | 4820 | 4530 | 3850 | 3090 | 2900 | 3820 | 4520 | 5160 | 5160 | 4580 | 4190 E | 3840 E | 16 |
| 17 | 4840 | 4410 | 3830 | 3080 | 2900 | 3830 | 4580 | 5140 | 5080 | 4570 E | 4180 E | 3830 E | 17 |
| 18 | 4800 | 4400 | 3800 | 3080 | 2880 | 3830 | 4580 | 5210 | 5100 | 4550 E | 4160 E | 3810 E | 18 |
| 19 | 4800 | 4380 | 3740 | 3090 | 2880 | 3830 A | 4600 | 5350 | 5070 | 4540 E | 4150 E | 3800 E | 19 |
| 20 | 4740 | 4380 | 3730 | 3100 | 2870 | 3910 | 4600 | 5340 | 5070 | 4530 E | 4140 E | 3790 E | 20 |
| 21 | 4750 | 4370 | 3670 | 3090 | 2880 | 3910 | 4630 | 5210 | 4990 | 4520 E | 4130 E | 3730 | 21 |
| 22 | 4750 | 4320 | 3620 | 3090 | 2930 | 3920 | 4650 | 5280 | 4940 | 4500 E | 4110 E | 3680 | 22 |
| 23 | 4740 | 4300 | 3610 | 3090 | 2900 | 3950 | 4670 | 5320 | 4890 | 4490 E | 4100 E | 3680 | 23 |
| 24 | 4700 | 4290 | 3590 | 3100 | 2880 | 3970 | 4650 | 5260 | 4920 | 4480 E | 4090 E | 3710 | 24 |
| 25 | 4670 | 4290 | 3550 | 3120 | 2900 | 4000 | 4690 | 5230 | 4910 | 4470 E | 4080 E | 3730 | 25 |
| 26 | 4580 | 4270 | 3520 | 3060 | 2950 | 4050 | 4790 | 5250 | 4840 | 4450 E | 4060 E | 3770 | 26 |
| 27 | 4580 | 4250 | 3520 | 3050 | 2990 | 4090 | 4740 | 5250 | 4800 | 4440 E | 4050 E | 3730 | 27 |
| 28 | 4580 | 4250 | 3490 | 3080 | 3010 | 4110 | 4750 | 5340 | 4770 | 4430 E | 4040 E | 3730 | 28 |
| 29 | 4600 | 4240 | 3490 | 3090 | 3080 | 4220 | 5050 | 5410 | 4750 | 4420 E | 4030 E | 3650 | 29 |
| 30 | 4600 | --- | 3440 | 3030 | 3140 | 4240 | 4910 | 5340 | 4840 | 4400 E | 4010 E | 3640 | 30 |
| 31 | 4600 | --- | 3370 | 3210 | 2870 | 4860 | --- | 5190 | --- | 4390 E | --- | 3640 | 31 |
| TOTAL | 147960 | 129190 | 118060 | 94470 | 91820 | 113710 | 139300 | 159320 | 152170 | 142080 | 125880 | 118700 | TOTAL |
| MEAN | 4770 | 4450 | 3810 | 3150 | 2960 | 3790 | 4490 | 5140 | 5070 | 4580 | 4200 | 3830 | MEAN |
| AC-FT | 293000 | 256000 | 234000 | 187000 | 182000 | 226000 | 276000 | 316000 | 302000 | 282000 | 250000 | 235000 | AC-FT |
| MAX | 4910 | 4620 | 4210 | 3370 | 3210 | 4240 | 5050 | 5410 | 5500 | 4960 | 4380 | 4000 | MAX |
| MIN | 4580 | 4240 | 3370 | 3030 | 2870 | 3300 | 4170 | 4840 | 4750 | 4390 | 4010 | 3640 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 4190 CFS
 TOTAL DISCHARGE, 3040000 AC-FT
 MAXIMUM DAILY DISCHARGE, 5500 CFS ON SEP 4
 MINIMUM DAILY DISCHARGE, 2870 CFS ON MAY 20
 MAXIMUM INSTANTANEOUS DISCHARGE
 5500 CFS ON SEP 4

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 53 20 N
 LONG 108 28 20 W
 DRAINAGE AREA 10300 SQ MILES

A-MANUAL GAUGE
 E-ESTIMATED
 NATURAL FLOW

NORTHWEST TERRITORIES

MACKENZIE RIVER AT CAMSELL BEND - STATION NO. 10GB002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|--------|-------|-------|-------|-------|--------|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | 81.72 | 81.53 | 75.40 | 73.23 | 72.66 | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 81.23 | 80.84 | 75.30 | 73.15 | 72.45 | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 80.52 | 80.17 | 75.11 | 73.11 | 72.39A | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 79.90 | 79.59 | 74.93 | 73.10 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 79.51 | 79.07 | 74.76 | 73.08 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 83.77A | 79.20 | 78.81 | 74.58 | 73.16 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 83.27 | 78.76 | 78.56 | 74.46 | 73.29 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 82.34 | 78.43 | 78.20 | 74.38 | 73.47 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 81.62 | 78.31 | 77.92 | 74.35 | 73.50 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 81.11 | 78.29 | 77.79 | 74.32 | 73.49 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 80.94 | 78.37 | 77.75 | 74.33 | 73.49 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 80.82 | 78.21 | 77.60 | 74.34 | 73.45 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 80.72 | 77.96 | 77.38 | 74.32 | 73.41 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 81.01 | 77.73 | 77.23 | 74.27 | 73.24 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 81.35 | 77.62 | 77.08 | 74.22 | 73.10 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 81.73 | 77.50 | 76.97 | 74.16 | 72.96 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 82.04 | 77.32 | 76.87 | 74.17 | 72.86 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 82.10 | 77.17 | 76.75 | 74.20 | 72.85 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 82.04 | 77.12 | 76.64 | 74.19 | 72.84 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 82.27 | 77.02 | 76.70 | 74.21 | 72.81 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 83.13 | 76.90 | 76.51 | 74.30 | 72.73 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 82.49 | 78.72 | 76.50 | 74.39 | 72.64 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 81.74 | 81.94 | 76.79 | 74.45 | 72.59 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 81.06 | 81.71 | 77.26 | 74.42 | 72.58 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 80.41 | 81.98 | 77.38 | 74.30 | 72.56 | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 80.38 | 82.02 | 77.01 | 74.16 | 72.42 | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 80.99 | 82.42 | 76.57 | 73.91 | 72.37 | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 81.48 | 82.59 | 76.22 | 73.70 | 72.59 | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | 81.65 | 83.42 | 75.96 | 73.52 | 72.69 | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | 81.84 | 83.35 | 75.73 | 73.36 | 72.71 | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 82.40 | 75.55 | --- | 72.70 | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 16 02 N
 LONG 123 21 08 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

MACKENZIE RIVER AT FORT GOOD HOPE - STATION NO. 10LD001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|--------|-------|-------|------|-------|-----|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | 20.99 | 22.14 | 9.50 | 5.45 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 21.18 | 21.41 | 9.17 | 5.14 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 21.01 | 20.32 | 8.80 | 4.85 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 20.53 | 19.32 | 8.75 | 4.52 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 19.62 | 18.29 | 8.46 | 4.52 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 18.44 | 17.25 | 8.23 | 4.26 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 17.11 | 16.20 | 7.92 | 4.17 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 16.23 | 15.22 | 7.57 | 4.15 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 15.55 | 14.44 | 7.31 | 4.14 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 14.83 | 14.00 | 7.07 | 4.17B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 14.18 | 13.62 | 6.91 | 4.23B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 13.61 | 13.12 | 6.75 | 4.37B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 13.25 | 12.75 | 6.66 | 4.40B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 12.95 | 12.40 | 6.66 | 4.42B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 12.68 | 12.11 | 6.70 | 4.37B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 19.38A | 12.40 | 11.74 | 6.69 | 4.55B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 19.34 | 12.24 | 11.42 | 6.72 | 4.22B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 19.16 | 12.05 | 11.14 | 6.74 | 4.18B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 19.12 | 11.88 | 10.99 | 6.72 | 4.42B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 19.43 | 11.65 | 10.88 | 6.56 | 4.55B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 19.66 | 11.37 | 10.84 | 6.45 | 4.75B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 20.35 | 11.38 | 10.95 | 6.39 | 4.90B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 21.66 | 11.90 | 10.91 | 6.28 | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 21.34 | 14.29 | 10.61 | 6.20 | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 20.32 | 18.82 | 10.29 | 6.18 | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 19.20 | 21.57 | 10.26 | 6.31 | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 18.54 | 21.55 | 10.49 | 6.25 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 18.34 | 20.67 | 10.71 | 6.15 | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | 19.43 | 20.82 | 10.66 | 6.02 | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | 20.62 | 21.46 | 10.29 | 5.78 | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 22.10 | 9.83 | --- | --- | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 66 15 15 N
 LONG 128 38 00 W

B-ICE CONDITIONS

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

MACKENZIE RIVER AT FORT SIMPSON - STATION NO. 10GC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|---------|---------|-------|
| 1 | 87300 | 74300 | 65900 | 65300 | 67000 | 512000 | 513000 | 485000 | 304000 | 243000 | 190000 | 125000 | 1 |
| 2 | 86500 | 73800 | 65700 | 65400 | 68000 | 562000 | 493000 | 462000 | 299000 | 242000 | 182000 | 124000 | 2 |
| 3 | 85800 | 73500 | 65600 | 65500 | 69000 | 619000 | 472000 | 436000 | 293000 | 242000 | 177000 | 123000 | 3 |
| 4 | 85400 | 73200 | 65500 | 65600 | 70000 | 632000 | 462000 | 418000 | 288000 | 240000 | 167000 | 122000 | 4 |
| 5 | 84800 | 72900 | 65400 | 65700 | 74000 | 623000 | 454000 | 414000 | 284000 | 243000 | 158000 | 121000 | 5 |
| 6 | 84400 | 72600 | 65300 | 65800 | 80000 | 599000 | 440000 | 411000 | 280000 | 248000 | 145000 | 120000 | 6 |
| 7 | 83900 | 72300 | 65200 | 65900 | 88000 | 560000 | 431000 | 401000 | 278000 | 252000 | 130000 | 119000 | 7 |
| 8 | 83600 | 71900 | 65100 | 66000 | 96000 | 533000 | 425000 | 392000 | 277000 | 254000 | 124000 | 117000 | 8 |
| 9 | 83300 | 71500 | 65000 | 66100 | 108000 | 510000 | 422000 | 388000 | 276000 | 254000 | 120000 | 115000 | 9 |
| 10 | 82900 | 71200 | 64900 | 66200 | 120000 | 502000 | 429000 | 387000 | 276000 | 253000 | 118000 | 112000 | 10 |
| 11 | 82400 | 70900 | 64800 | 66300 | 130000 | 500000 | 426000 | 383000 | 277000 | 253000 | 114000 | 110000 | 11 |
| 12 | 81900 | 70600 | 64700 | 66400 | 144000 | 499000 | 417000 | 374000 | 277000 | 252000 | 111000 | 108000 | 12 |
| 13 | 81600 | 70300 | 64600 | 66500 | 158000 | 510000 | 410000 | 370000 | 275000 | 247000 | 110000 | 106000 | 13 |
| 14 | 81300 | 70000 | 64500 | 66600 | 180000 | 524000 | 406000 | 366000 | 273000 | 241000 | 108000 | 103000 | 14 |
| 15 | 80800 | 69700 | 64400 | 66700 | 200000 | 539000 | 403000 | 362000 | 272000 | 237000 | 107000 | 101000 | 15 |
| 16 | 80400 | 69400 | 64300 | 66800 | 230000 | 552000 | 395000 | 359000 | 273000 | 234000 | 106000 | 99000 | 16 |
| 17 | 79800 | 69100 | 64200 | 66900 | 280000 | 557000 | 388000 | 355000 | 273000 | 233000 | 105000 | 97500 | 17 |
| 18 | 79400 | 68800 | 64100 | 67000 | 305000 | 554000 | 387000 | 348000 | 274000 | 234000 | 104000 | 94500 | 18 |
| 19 | 78800 | 68600 | 64000 | 67000 | 350000 | 558000 | 386000 | 342000 | 274000 | 234000 | 105000 | 93000 | 19 |
| 20 | 78400 | 68400 | 64100 | 66000 | 390000 | 570000 | 379000 | 336000 | 276000 | 230000 | 106000 | 91700 | 20 |
| 21 | 77900 | 68200 | 64200 | 66200 | 405000 E | 559000 | 373000 | 338000 | 279000 | 228000 | 107000 | 91000 | 21 |
| 22 | 77600 | 67800 | 64300 | 66300 | 430000 E | 542000 | 372000 | 348000 | 288000 | 228000 | 108000 | 91000 | 22 |
| 23 | 77300 | 67600 | 64400 | 66000 | 440000 E | 522000 | 399000 | 367000 | 283000 | 226000 | 110000 | 92000 | 23 |
| 24 | 76900 | 67400 | 64500 | 66000 | 445000 E | 499000 | 469000 | 374000 | 279000 | 226000 | 112000 | 92000 | 24 |
| 25 | 76600 | 67200 | 64600 | 66000 | 450000 E | 490000 | 489000 | 362000 | 275000 | 225000 | 115000 | 93000 | 25 |
| 26 | 76300 | 66800 | 64700 | 66000 | 445000 E | 507000 | 478000 | 346000 | 267000 | 220000 | 117000 | 94000 | 26 |
| 27 | 75900 | 66500 | 64800 | 66200 | 440000 E | 513000 | 497000 | 333000 | 261000 | 215000 | 120000 | 94000 | 27 |
| 28 | 75600 | 66300 | 64900 | 66400 | 438000 E | 528000 | 548000 | 325000 | 254000 | 208000 | 122000 | 95000 | 28 |
| 29 | 75300 | 66100 | 65000 | 67000 | 439000 A | 540000 | 563000 | 318000 | 249000 | 202000 | 124000 | 97000 | 29 |
| 30 | 74900 | 65800 | 65100 | 67000 | 444000 | 530000 | 528000 | 311000 | 246000 | 200000 | 125000 | 99000 | 30 |
| 31 | 74600 | 65200 | 65200 | 671000 | 471000 | 502000 | 502000 | 307000 | 230000 | 195000 | 100000 | 100000 | 31 |
| TOTAL | 2491600 | 2026900 | 2009000 | 1986800 | 8054000 | 16244000 | 13756000 | 11518000 | 8280000 | 7239000 | 3747000 | 3239700 | TOTAL |
| MEAN | 80400 | 69900 | 64800 | 66200 | 260000 | 541000 | 444000 | 372000 | 276000 | 234000 | 125000 | 105000 | MEAN |
| AC-FT | 4940000 | 4020000 | 3980000 | 3940000 | 16000000 | 32200000 | 27300000 | 22800000 | 16400000 | 14400000 | 7430000 | 6430000 | AC-FT |
| MAX | 87300 | 74300 | 65900 | 67000 | 471000 | 632000 | 563000 | 485000 | 304000 | 254000 | 190000 | 125000 | MAX |
| MIN | 74600 | 66100 | 64000 | 65300 | 67000 | 490000 | 372000 | 307000 | 246000 | 195000 | 104000 | 91000 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 220000 CFS
 TOTAL DISCHARGE, 160000000 AC-FT
 MAXIMUM DAILY DISCHARGE, 632000 CFS ON JUN 4
 MINIMUM DAILY DISCHARGE, 64000 CFS ON MAR 19
 MAXIMUM INSTANTANEOUS DISCHARGE
 635000 CFS AT 1400 MST ON JUN 4

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 52 28 N
 LONG 121 20 08 W
 DRAINAGE AREA 491000 SQ MILES

A-MANUAL GAUGE
 E-ESTIMATED
 REGULATED SINCE 1968

MACKENZIE RIVER AT MCGERN ISLAND - STATION NO. 10GB003

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|-------|--------|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 74.68 | 72.60 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | 74.55 | 72.51 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 74.40 | 72.47 | 72.50A | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 74.22 | 72.45 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 74.05 | 72.40 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 73.88 | 72.44 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 73.76 | 72.50 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 73.67 | 72.70 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | 73.62 | 72.76 | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 73.60 | 72.76 | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | 73.58 | 72.74 | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 73.59 | 72.73 | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | 73.58 | 72.72 | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 73.55 | 72.61 | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 73.50 | 72.45 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 73.45 | 72.32 | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | 73.42 | 72.22 | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | 73.43 | 72.18 | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | 73.44 | 72.19 | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | 73.44 | 72.17 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | 73.49 | 72.11 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | 73.58 | 72.04 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | 73.69 | 71.99 | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | 76.42A | 73.67 | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | 76.60 | 73.59 | 71.95 | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | 76.40 | 73.47 | 71.89 | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | 75.93 | 73.28 | 72.10 | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | 75.52 | 73.07 | 72.51 | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | 75.25 | 72.85 | 72.84 | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | 75.03 | 72.72 | 72.90A | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | 74.84 | --- | --- | --- | 31 |

A-MANUAL GAUGE
 TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 39 25 N
 LONG 123 13 30 W
 REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

MACKENZIE RIVER AT NORMAN WELLS - STATION NO. 10KA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|----------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|----------|-------|
| 1 | 108000 B | 95300 B | 89200 B | 86200 B | 96000 B | 810000 E | 802000 | 816000 | 429000 | 335000 | 247000 B | 155000 B | 1 |
| 2 | 107000 B | 94900 B | 89100 B | 86100 B | 100000 B | 815000 E | 796000 | 760000 | 420000 | 327000 | 240000 B | 158000 B | 2 |
| 3 | 107000 B | 94600 B | 89000 B | 86100 B | 103000 B | 820000 E | 778000 | 718000 | 415000 | 326000 | 235000 B | 159000 B | 3 |
| 4 | 107000 B | 94300 B | 88900 B | 86000 B | 109000 B | 830000 E | 740000 | 686000 | 407000 | 323000 | 229000 B | 161000 B | 4 |
| 5 | 106000 B | 93700 B | 88800 B | 86000 B | 115000 B | 850000 E | 696000 | 655000 | 403000 | 317000 | 223000 B | 157000 B | 5 |
| 6 | 106000 B | 93300 B | 88700 B | 85900 B | 121000 B | 865000 E | 661000 | 623000 | 393000 | 316000 | 217000 B | 154000 B | 6 |
| 7 | 106000 B | 93000 B | 88600 B | 85800 B | 130000 B | 870000 E | 629000 | 592000 | 388000 | 315000 | 210000 B | 151000 B | 7 |
| 8 | 105000 B | 92800 B | 88500 B | 85700 B | 139000 B | 860000 E | 606000 | 571000 | 383000 | 315000 B | 204000 B | 149000 B | 8 |
| 9 | 105000 B | 92600 B | 88400 B | 85600 B | 150000 B | 830000 E | 588000 | 562000 | 377000 | 317000 B | 196000 B | 147000 B | 9 |
| 10 | 105000 B | 92400 B | 88300 B | 85500 B | 161000 B | 790000 E | 572000 | 546000 | 373000 | 320000 B | 185000 B | 145000 B | 10 |
| 11 | 104000 B | 92200 B | 88200 B | 85400 B | 175000 B | 755000 E | 558000 | 533000 | 370000 | 320000 B | 172000 B | 141000 B | 11 |
| 12 | 104000 B | 92000 B | 88100 B | 85300 B | 207000 B | 740000 E | 550000 | 524000 | 369000 | 319000 B | 161000 B | 138000 B | 12 |
| 13 | 103000 B | 91800 B | 88000 B | 85200 B | 230000 B | 730000 E | 543000 | 517000 | 369000 | 317000 B | 152000 B | 135000 B | 13 |
| 14 | 103000 B | 91600 B | 87900 B | 85100 B | 249000 B | 720000 E | 536000 | 506000 | 370000 | 315000 B | 147000 B | 131000 B | 14 |
| 15 | 102000 B | 91400 B | 87800 B | 85000 B | 272000 B | 714000 | 524000 | 496000 | 369000 | 312000 B | 141000 B | 129000 B | 15 |
| 16 | 102000 B | 91200 B | 87700 B | 84900 B | 310000 B | 717000 | 517000 | 489000 | 369000 | 307000 B | 138000 B | 128000 B | 16 |
| 17 | 101000 B | 91000 B | 87600 B | 84800 B | 340000 B | 715000 | 511000 | 481000 | 368000 | 300000 B | 134000 B | 126000 B | 17 |
| 18 | 101000 B | 90800 B | 87500 B | 84700 B | 375000 B | 722000 | 508000 | 476000 | 366000 | 298000 B | 133000 B | 124000 B | 18 |
| 19 | 100000 B | 90600 B | 87400 B | 84600 B | 412000 B | 732000 | 498000 | 468000 | 364000 | 290000 B | 133000 B | 122000 B | 19 |
| 20 | 100000 B | 90400 B | 87300 B | 84500 B | 440000 B | 742000 | 490000 | 470000 | 363000 | 288000 B | 133000 B | 120000 B | 20 |
| 21 | 100000 B | 90200 B | 87200 B | 84400 B | 520000 B | 780000 | 486000 | 477000 | 362000 | 285000 B | 134000 B | 119000 B | 21 |
| 22 | 99800 B | 90000 B | 87100 B | 84300 B | 560000 B | 844000 | 497000 | 474000 | 361000 | 281000 B | 135000 B | 118000 B | 22 |
| 23 | 99400 B | 89900 B | 87000 B | 84500 B | 610000 B | 813000 | 602000 A | 465000 | 361000 | 279000 B | 137000 B | 117000 B | 23 |
| 24 | 98900 B | 89800 B | 86900 B | 84800 B | 680000 B | 772000 | 754000 E | 458000 | 363000 | 275000 B | 138000 B | 117000 B | 24 |
| 25 | 98400 B | 89700 B | 86800 B | 85000 B | 750000 B | 730000 | 900000 E | 460000 | 366000 | 272000 B | 139000 B | 118000 B | 25 |
| 26 | 97900 B | 89600 B | 86700 B | 85500 B | 820000 B | 699000 | 812000 A | 472000 | 365000 | 270000 B | 141000 B | 119000 B | 26 |
| 27 | 97400 B | 89500 B | 86600 B | 86000 B | 880000 B | 691000 | 797000 | 479000 | 365000 | 268000 B | 143000 B | 120000 B | 27 |
| 28 | 96900 B | 89400 B | 86500 B | 86000 B | 950000 B | 755000 | 814000 | 471000 | 358000 | 265000 B | 145000 B | 121000 B | 28 |
| 29 | 96400 B | 89300 B | 86400 B | 86400 B | 900000 B | 845000 E | 789000 | 455000 | 350000 | 260000 B | 148000 B | 122000 B | 29 |
| 30 | 95900 B | 89300 B | 86300 B | 86300 B | 920000 B | 830000 E | 793000 | 443000 | 340000 | 256000 B | 151000 B | 123000 B | 30 |
| 31 | 95600 B | 89300 B | 86200 B | 86200 B | 960000 B | 815000 E | 847000 | 436000 | 340000 | 253000 B | 151000 B | 124000 B | 31 |
| TOTAL | 3158600 | 2657300 | 2718700 | 2572900 | 12404000 | 23293000 | 20278000 | 16579000 | 11256000 | 9241000 | 5041000 | 4148000 | TOTAL |
| MEAN | 102000 | 91600 | 87700 | 85800 | 400000 | 776000 | 654000 | 535000 | 375000 | 298000 | 168000 | 134000 | MEAN |
| AC-FT | 6270000 | 5270000 | 5390000 | 5100000 | 24600000 | 46200000 | 40200000 | 32900000 | 22300000 | 18300000 | 10000000 | 8230000 | AC-FT |
| MAX | 108000 | 95300 | 89200 | 86200 | 92000 | 880000 | 870000 | 816000 | 429000 | 335000 | 247000 | 161000 | MAX |
| MIN | 95600 | 89300 | 86200 | 84300 | 96000 | 691000 | 486000 | 436000 | 340000 | 253000 | 133000 | 117000 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 310000 CFS
 TOTAL DISCHARGE, 225000000 AC-FT
 MAXIMUM DAILY DISCHARGE, 900000 CFS ON JUL 25
 MINIMUM DAILY DISCHARGE, 84300 CFS ON APR 22
 MAXIMUM INSTANTANEOUS DISCHARGE
 920000 CFS ON JUL 25

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 65 16 54 N
 LONG 126 50 58 W
 DRAINAGE AREA 606000 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 REGULATED SINCE 1968

MACKENZIE RIVER AT OLD FORT POINT - STATION NO. 10HA001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|-----|--------|--------|-------|--------|--------|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | 74.55 | 74.11 | 64.77 | 61.53 | 60.08B | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 74.31 | 72.88 | 64.54 | 61.33 | 59.77B | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 73.64 | 72.08 | 64.35 | 61.24 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 72.71 | 71.36 | 64.24 | 61.10 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 71.66 | 70.58 | 63.99 | 61.00 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 70.95E | 69.75 | 63.70 | 60.94 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 70.59E | 69.11 | 63.46 | 60.96B | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 70.10E | 68.79 | 63.24 | 61.08B | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 73.90 | 69.60E | 68.47 | 63.07 | 61.20B | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 73.44 | 69.10E | 68.04 | 62.97 | 61.26B | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 73.50 | 68.70E | 67.76 | 62.91 | 61.25B | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 72.94 | 68.37E | 67.59 | 62.83 | 61.29B | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 72.37 | 67.96E | 67.36 | 62.85 | 61.30B | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 72.32 | 67.70E | 67.04 | 62.85 | 61.30B | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 72.41 | 67.50E | 66.79 | 62.83 | 61.22B | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 72.45 | 67.30E | 66.59 | 62.82 | 61.00B | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 72.58 | 67.11A | 66.37 | 62.76 | 60.79B | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 72.84 | 66.90 | 66.20 | 62.68 | 60.63B | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 73.06 | 66.64 | 66.16 | 62.63 | 60.57B | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 73.33 | 66.52 | 66.40 | 62.60 | 60.58B | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 75.18 | 66.61 | 66.45 | 62.55 | 60.53B | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 75.19 | 68.16 | 66.23 | 62.55 | 60.51B | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 74.35 | 71.75 | 65.94 | 62.61 | 60.70B | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 73.31 | 75.70 | 65.92 | 62.73 | 60.79B | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 72.46 | 75.53 | 66.24 | 62.75 | 60.86B | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 71.81 | 74.64 | 66.54 | 62.62 | 60.81B | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 72.68 | 74.72 | 66.41 | 62.52 | 60.30B | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 74.10 | 74.94 | 65.97 | 62.24 | 60.70B | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | 74.37 | 75.21 | 65.53 | 62.00 | 60.78B | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | 74.50 | 75.54 | 65.24 | 61.73 | 60.78B | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | --- | 75.33 | 65.04 | --- | 60.64B | --- | 31 |

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 REGULATED SINCE 1968

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 64 41 08 N
 LONG 125 00 05 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

MACKENZIE RIVER AT SANS SAULT RAPIDS - STATION NO. 10KD001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|-------|-------|-------|--------|--------|-----|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | 23.85 | 24.40 | 15.93 | 13.47E | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 23.85 | 23.57 | 15.68 | 13.34E | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 23.59 | 22.80 | 15.62 | 13.20E | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 23.03 | 22.08 | 15.49 | 13.10A | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 22.22 | 21.35 | 15.29E | 12.97 | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 21.28 | 20.65 | 15.15E | 12.84 | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 20.48 | 19.95 | 15.05E | 12.79 | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 20.19 | 19.37 | 14.97E | 12.75 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 19.67 | 19.01 | 14.85E | 12.81B | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 19.22 | 18.83 | 14.80E | 12.85B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 18.86 | 18.51 | 14.70E | 12.93B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 18.58 | 18.20 | 14.61E | 12.97B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 18.37 | 17.97 | 14.50E | 12.98B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 18.21 | 17.80 | 14.45E | 12.99B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 18.06 | 17.58 | 14.38E | 13.00B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 22.40 | 17.92 | 17.35 | 14.30A | 13.03B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 22.33 | 17.81 | 17.20 | 14.28 | 12.79B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 22.25 | 17.67 | 17.04 | 14.25 | 12.67B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 22.36 | 17.55 | 16.98 | 14.20 | 12.55B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 22.70 | 17.35 | 16.91 | 14.15 | 12.45B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 22.83 | 17.24 | 16.97 | 14.09 | 12.25B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 23.91 | 17.38 | 17.04 | 14.06 | 12.00B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 24.30 | 18.12 | 16.93 | 14.02 | 11.89B | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 23.57 | 20.84 | 16.68 | 14.00 | 11.59B | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 22.78 | 23.99 | 16.55 | 14.04 | 11.76B | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 22.07 | 24.65 | 16.65 | 14.14 | 11.97B | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 21.82 | 23.81 | 16.86 | 14.00E | 12.10B | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 22.13 | 23.54 | 16.94 | 13.87E | 12.09B | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | 23.32 | 23.93 | 16.73 | 13.74E | 12.58B | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | 23.65 | 24.47 | 16.36 | 13.61E | 12.85B | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 24.75 | 16.11 | --- | 12.62B | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 65 45 54 N
 LONG 128 45 03 W

B-ICE CONDITIONS
 B-ESTIMATED
 REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

MACKENZIE RIVER AT THE RAMPARTS - STATION NO. 10KD002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 9.11 | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | 8.69 | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 8.62 | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 8.43 | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 8.11 | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 7.83E | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 7.60E | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 7.35E | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | 7.14E | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 6.95E | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | 6.78E | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 6.62E | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | 6.50E | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 6.35E | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 6.20E | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 6.09A | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | 10.41 | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | 10.02 | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | 10.05 | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 10.33 | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 10.56 | --- | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | --- | 10.30 | --- | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | --- | 9.79 | --- | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | --- | 9.38 | --- | --- | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 66 11 00 N
 LONG 129 02 30 W

E-ESTIMATED
 REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

MACKENZIE RIVER NEAR BLACKWATER RIVER - STATION NO. 10HC002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|-----|--------|--------|--------|-------|-----|-----|-----|-----|
| 1 | --- | --- | --- | --- | --- | 76.97E | 77.87E | 77.32E | 68.94 | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 77.50E | 77.38E | 76.27E | 68.71 | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 78.82E | 76.73E | 76.08 | 68.60 | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 80.40E | 76.12E | 75.30 | 68.38 | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 81.69E | 74.73E | 74.52 | 68.11 | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 81.30E | 74.00E | 73.81 | 67.89 | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 80.50E | 73.25E | 73.35 | 67.69 | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 79.45A | 72.85E | 72.98 | 67.42 | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 78.50E | 72.64E | 72.52 | 67.34 | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 77.00E | 72.55E | 72.19 | 67.27 | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 76.74E | 72.49E | 72.00 | 67.23 | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 76.44E | 72.38E | 71.89 | 67.22 | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 76.15E | 72.05E | 71.66 | 67.23 | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 76.32E | 71.80E | 71.34 | 67.20 | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 76.70E | 71.30E | 71.11 | 67.15 | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 77.35E | 71.42E | 70.90 | 67.08 | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 77.70E | 71.25A | 70.74 | 67.02 | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 77.82E | 71.09 | 70.58 | 66.98 | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 77.96E | 70.93 | 70.42 | 67.02 | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 78.20E | 70.83 | 70.36 | 67.03 | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 79.29E | 70.76 | 70.48 | 67.04 | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 79.49E | 71.19 | 70.21 | 67.13 | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 78.50E | 76.24 | 70.13 | 67.25 | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 77.22E | 79.40 | 70.45 | 67.35 | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 75.55E | 78.30 | 70.98 | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 75.55E | 77.93 | 71.11 | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 76.10E | 77.82 | 70.73 | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 77.21E | 78.15 | 70.18 | --- | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | 77.52E | 78.26 | 69.70 | --- | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | 77.83E | 78.88 | 69.46 | --- | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 78.39E | 69.21 | --- | --- | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
LOCATION - LAT 63 58 25 N
LONG 124 16 00 W

E-ESTIMATED
REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

MACKENZIE RIVER NEAR FORT PROVIDENCE - STATION NO. 10FB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|----------|---------|-------|
| 1 | 78600 B | 66900 B | 59600 B | 56100 B | 63900 B | 189000 A | 226000 E | 225000 | 213000 | 191000 | 132000 B | 95000 B | 1 |
| 2 | 78200 B | 66600 B | 59400 B | 56100 B | 65600 B | 193000 | 229000 | 228000 | 187000 | 187000 | 128000 B | 93000 B | 2 |
| 3 | 77800 B | 66200 B | 59200 B | 56000 B | 66900 B | 189000 | 228000 | 221000 | 195000 | 155000 | 122000 B | 91000 B | 3 |
| 4 | 77300 B | 66000 B | 59000 B | 56000 B | 70300 B | 195000 | 228000 | 223000 | 198000 | 155000 | 119000 B | 89000 B | 4 |
| 5 | 76800 B | 65800 B | 58800 B | 56000 B | 72600 B | 204000 | 229000 | 225000 | 205000 | 172000 | 116000 B | 87500 B | 5 |
| 6 | 76200 B | 65600 B | 58600 B | 56000 B | 74500 B | 210000 | 231000 | 224000 | 207000 | 176000 | 112000 B | 85500 B | 6 |
| 7 | 75800 B | 65200 B | 58400 B | 56100 B | 77700 B | 209000 | 232000 | 222000 | 207000 | 177000 | 110000 B | 83000 B | 7 |
| 8 | 75400 B | 65000 B | 58200 B | 56200 B | 80600 B | 212000 | 231000 | 222000 | 207000 | 178000 | 108000 B | 81000 B | 8 |
| 9 | 75000 B | 64800 B | 58000 B | 56300 B | 83700 B | 210000 | 234000 | 218000 | 205000 | 175000 | 105000 B | 79000 B | 9 |
| 10 | 74600 B | 64500 B | 57800 B | 56400 B | 87300 B | 206000 | 235000 | 218000 | 202000 | 179000 | 103000 B | 77000 B | 10 |
| 11 | 74200 B | 64000 B | 57600 B | 56500 B | 90800 B | 208000 | 233000 | 221000 | 201000 | 171000 | 100000 B | 76000 B | 11 |
| 12 | 73800 B | 63800 B | 57400 B | 56600 B | 93500 B | 206000 | 231000 | 222000 | 201000 | 170000 | 99000 B | 74000 B | 12 |
| 13 | 73400 B | 63600 B | 57200 B | 56700 B | 102000 B | 215000 | 232000 | 222000 | 201000 | 168000 | 97000 B | 73000 B | 13 |
| 14 | 73000 B | 63400 B | 57100 B | 56800 B | 110000 B | 219000 | 232000 | 221000 | 205000 | 171000 | 96000 B | 71000 B | 14 |
| 15 | 72600 B | 63200 B | 57000 B | 56900 B | 116000 B | 217000 | 231000 | 219000 | 213000 | 172000 | 95000 B | 70000 B | 15 |
| 16 | 72200 B | 63000 B | 56900 B | 57000 B | 121000 B | 216000 | 231000 | 217000 | 203000 | 176000 | 94000 B | 69800 B | 16 |
| 17 | 72000 B | 62800 B | 56900 B | 57100 B | 145000 B | 219000 | 232000 | 216000 | 204000 | 177000 | 93500 B | 69500 B | 17 |
| 18 | 71800 B | 62400 B | 56800 B | 57200 B | 165000 B | 220000 | 229000 | 217000 | 205000 | 173000 | 93000 B | 69800 B | 18 |
| 19 | 71000 B | 62000 B | 56800 B | 57300 B | 195000 B | 220000 | 230000 | 219000 | 208000 | 169000 | 93500 B | 70000 B | 19 |
| 20 | 70800 B | 61800 B | 56700 B | 57400 B | 218000 B | 218000 | 229000 | 219000 | 207000 | 168000 | 94000 B | 70500 B | 20 |
| 21 | 70400 B | 61600 B | 56700 B | 57500 B | 224000 B | 216000 | 230000 | 219000 | 208000 | 172000 | 95000 B | 71500 B | 21 |
| 22 | 70000 B | 61400 B | 56600 B | 57700 B | 214000 B | 216000 | 232000 | 218000 | 213000 | 176000 | 95500 B | 72000 B | 22 |
| 23 | 69800 B | 61000 B | 56600 B | 57900 B | 206000 B | 219000 | 232000 | 216000 | 208000 | 173000 | 96000 B | 73000 B | 23 |
| 24 | 69600 B | 60800 B | 56500 B | 58100 B | 199000 B | 220000 | 232000 | 215000 | 191000 | 173000 | 96000 B | 74000 B | 24 |
| 25 | 69200 B | 60600 B | 56500 B | 58300 B | 194000 B | 222000 | 234000 | 215000 | 184000 | 172000 | 96500 B | 76000 B | 25 |
| 26 | 68800 B | 60400 B | 56400 B | 58500 B | 190000 E | 222000 | 235000 | 209000 | 184000 | 160000 B | 96500 B | 77000 B | 26 |
| 27 | 68400 B | 60200 B | 56400 B | 59000 B | 188000 E | 221000 | 233000 | 204000 | 182000 | 154000 B | 97000 B | 78000 B | 27 |
| 28 | 68000 B | 60000 B | 56300 B | 59500 B | 188000 E | 222000 | 228000 | 206000 | 178000 | 150000 B | 97000 B | 79000 B | 28 |
| 29 | 67800 B | 59800 B | 56300 B | 61000 B | 186000 E | 220000 A | 223000 | 210000 | 183000 | 146000 B | 96500 B | 80000 B | 29 |
| 30 | 67600 B | 59600 B | 56200 B | 62300 B | 188000 E | 223000 E | 229000 | 214000 | 189000 | 141000 B | 96000 B | 81000 B | 30 |
| 31 | 67400 B | 59400 B | 56200 B | 62300 B | 189000 E | 189000 | 224000 | 216000 | 188000 | 138000 B | 96000 B | 82000 B | 31 |
| TOTAL | 2247500 | 1832400 | 1778100 | 1720500 | 4265400 | 6376000 | 7145000 | 6761000 | 6016000 | 5215000 | 3072000 | 2418100 | TOTAL |
| MEAN | 72500 | 63200 | 57400 | 57400 | 138000 | 213000 | 230000 | 218000 | 201000 | 168000 | 102000 | 78000 | MEAN |
| AC-FT | 4460000 | 3630000 | 3530000 | 3410000 | 8460000 | 12600000 | 14200000 | 13400000 | 11900000 | 10300000 | 6090000 | 4800000 | AC-FT |
| MAX | 78600 | 66900 | 59600 | 62300 | 224000 | 223000 | 235000 | 228000 | 213000 | 191000 | 132000 | 95000 | MAX |
| MIN | 67400 | 59800 | 56200 | 56000 | 63900 | 189000 | 223000 | 204000 | 178000 | 138000 | 93000 | 69500 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 133000 CFS
TOTAL DISCHARGE, 96800000 AC-FT
MAXIMUM DAILY DISCHARGE, 235000 CFS ON JUL 10
MINIMUM DAILY DISCHARGE, 56000 CFS ON APR 3
MAXIMUM INSTANTANEOUS DISCHARGE
236000 CFS AT 2000 MST ON JUL 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 04 N
LONG 117 29 48 W
DRAINAGE AREA 375000 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS
E-ESTIMATED
REGULATED SINCE 1968

NORTHWEST TERRITORIES
 MACKENZIE RIVER NEAR WRIGLEY - STATION NO. 10HC001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|-----|--------|-------|--------|--------|-------|--------|--------|-----|-----|
| 1 | --- | --- | --- | --- | --- | 31.73 | 32.86 | --- | 23.05 | 20.50 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 32.49 | 32.64 | --- | 23.26 | 20.37 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 33.91 | 31.72 | 30.43A | 23.31 | 20.33A | 17.93A | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 35.77 | 30.59 | 29.84 | 23.05 | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 36.64 | 29.66 | 29.00 | 22.77 | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 36.40 | 29.08 | 28.35 | 22.53 | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 35.59 | 28.55 | 27.91 | 22.30 | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 34.31 | 27.93 | 27.47 | 22.18 | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 33.12 | 27.52 | 26.96 | 22.08 | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 32.19 | 27.38 | 26.59 | 22.00 | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 31.61 | 27.37 | 26.44 | 21.98 | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 31.34 | 27.35 | 26.31 | 21.96 | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 31.03 | 27.04 | 26.02 | 21.96 | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 31.03 | 26.66 | 25.73 | 21.89 | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 31.45 | 26.41 | 25.47 | 21.84 | 20.87 | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 31.93 | 26.23 | 25.25 | 21.78 | 20.56A | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 32.40 | 25.99 | 25.09 | 21.71 | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 32.68 | 25.76 | 24.92 | 21.72 | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 32.81 | 25.58 | 24.72 | 21.73 | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 32.82 | 25.53 | 24.73 | 21.74 | 20.28 | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 33.88 | 25.37 | 24.76 | 21.79 | 20.19 | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 34.34 | 25.98 | 24.47 | 21.90 | 20.12 | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 33.11 | 32.88 | 24.52 | 22.04 | 20.01A | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 32.08 | 34.78 | 24.96 | 22.13 | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 31.07 | 33.96 | 25.54 | 22.05 | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 30.35 | --- | 25.53 | 21.84 | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 30.61 | --- | 25.00 | 21.61 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 31.89 | --- | 24.40 | 21.33 | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | 32.54A | 32.23 | 35.03A | 23.96 | 21.01 | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | 32.15 | 32.23 | 35.03A | 23.96 | 21.01 | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | 31.99 | 32.59 | 35.35A | 23.61 | 20.71 | --- | --- | --- | 31 |
| | | | | | 32.05 | | | 23.30 | | | | | |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 15 58 N
 LONG 123 35 50 W

REGULATED SINCE 1968

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

MARJORIE LAKE AT OUTLET - STATION NO. 06KC002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|-----|--------|--------|-----|--------|--------|-------|-----|-----|--------|-----|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 44.72 | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | 44.74 | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 44.83 | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 44.82 | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 44.87 | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | 44.84 | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 44.91 | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 44.90 | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 46.11A | --- | 44.97 | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 45.00 | --- | --- | --- | 10 |
| 11 | --- | --- | --- | 43.65A | --- | --- | --- | --- | 45.15 | --- | --- | 45.06A | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 45.15 | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | 43.36A | --- | --- | --- | 45.20 | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 45.29 | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 45.39 | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 45.49 | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | 44.97A | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | 44.73 | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | 44.69 | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | 44.70 | --- | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | --- | 44.73 | --- | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | --- | 44.76 | --- | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | --- | 44.75 | --- | --- | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 64 13 40 N
 LONG 99 28 00 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

MARTIN RIVER NEAR THE MOUTH - STATION NO. 10GC003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|--------|-------|--------|-------|--------|--------|-------|-------|-------|
| 1 | --- | --- | --- | --- | --- | --- | --- | 453 A | --- | 50.0 E | 28.0 | 13.8 | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 49.0 E | 26.0 | 13.7 | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 92.5 A | --- | --- | 48.0 E | 24.0 | 13.7 | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47.8 A | 23.0 | 13.7 | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47.0 | 22.0 | 13.6 | 5 |
| 6 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 47.0 | 21.0 | 13.6 | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 46.5 | 19.0 | 13.6 | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 46.0 | 19.0 | 13.5 | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 45.5 | 18.0 | 13.5 | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 44.0 | 17.5 | 13.4 | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 43.0 | 17.0 | 13.4 | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 81.6 A | 43.0 | 16.5 | 13.3 | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42.5 | 16.5 | 13.2 | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 84.4 A | 42.5 | 16.0 | 13.1 | 14 |
| 15 | --- | --- | --- | --- | --- | 378 A | --- | 134 A | --- | 42.0 | 16.0 | 13.0 | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42.0 | 15.5 | 12.5 | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | 134 A | --- | 42.0 | 15.0 | 12.0 | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42.0 | 15.0 | 11.5 | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 42.0 | 15.0 | 11.0 | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 54.4 A | --- | --- | 42.0 | 14.5 | 10.5 | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 44.2 A | --- | --- | 41.5 | 14.5 | 10.2 | 21 |
| 22 | --- | --- | --- | --- | --- | 219 A | --- | --- | --- | 41.5 | 14.0 | 9.8 | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 41.5 | 14.0 | 9.4 | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 41.0 | 14.0 | 9.0 | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 39.0 | 14.0 | 8.5 | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 38.0 | 13.9 | 8.0 | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 36.0 | 13.9 | 7.8 | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 611 A | 118 A | 145 A | 34.0 | 13.9 | 7.6 | 28 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 33.0 | 13.8 | 7.4 | 29 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31.0 | 13.8 | 7.2 | 30 |
| 31 | --- | --- | --- | --- | 1670 A | --- | --- | --- | --- | 29.0 | --- | 7.0 | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1299.3 | 514.3 | 351.5 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | --- | 41.9 | 17.1 | 11.3 | MEAN |
| AC-FT | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2580 | 1020 | 697 | AC-FT |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | --- | 50 | 28.0 | 13.8 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29.0 | 13.8 | 7.0 | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 53 10 N
 LONG 121 37 05 W

A-MANUAL GAUGE
 E-ESTIMATED
 NATURAL FLOW

MECHAM RIVER NEAR RESOLUTE - STATION NO. 10TC002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|-----|--------|--------|-----|-----|-----|-----|-------|
| 1 | --- | --- | --- | --- | --- | --- | 3.0 E | 14.5 | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | 3.0 E | 18.7 | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | 3.0 E | 13.4 | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | 3.9 | 14.8 | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | 5.3 | 14.1 | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 7.8 | 8.8 | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | 31.8 | 12.0 | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | 55.1 | 27.6 | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | 89.4 | 41.7 | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | 137 | 43.8 | --- | --- | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | --- | 213 | 19.1 | --- | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | 561 | 44.2 | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | --- | 410 | 13.4 | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | 285 | 1.8 | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | 280 | 0.71 | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | 552 | 0.35 | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | 662 | 0.35 | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | 702 | 0.35 | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | 339 | 0.35 | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | 245 | 0.35 | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | 172 | 0.35 | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | 132 | 0.71 | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | 115 | 0.71 | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | 61.1 | 1.1 | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | 59.0 | 1.0 E | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | 38.1 | 1.0 E | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | 19.8 | 1.0 E | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | 34.3 | 1.0 E | --- | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | 19.8 | 1.0 E | --- | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | 6.7 | 1.0 E | --- | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 8.8 | 1.0 E | --- | --- | --- | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | 5254.9 | 300.23 | --- | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | 170 | 9.7 | --- | --- | --- | --- | MEAN |
| AC-FT | --- | --- | --- | --- | --- | --- | 10400 | 596 | --- | --- | --- | --- | AC-FT |
| MAX | --- | --- | --- | --- | --- | --- | 702 | 44.2 | --- | --- | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | --- | 3.0 | 0.35 | --- | --- | --- | --- | MIN |

SUMMARY FOR THE MONTHS JUL TO AUG

MEAN DISCHARGE, 89.6 CFS
 TOTAL DISCHARGE, 11000 AC-FT
 MAXIMUM DAILY DISCHARGE, 702 CFS ON JUL 18
 MINIMUM DAILY DISCHARGE, 0.35 CFS ON AUG 16

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 74 42 00 N
 LONG 94 48 00 W

E-ESTIMATED
 NATURAL FLOW

NORTHWEST TERRITORIES

NONACHO LAKE NEAR SNOWDRIFT - STATION NO. 07QD002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-------|-------|-----|-------|-----|--------|-------|--------|--------|-------|-------|-------|-----|
| 1 | 18.80 | --- | --- | --- | --- | --- | 20.60 | 20.89 | --- | 20.61 | 20.32 | 20.03 | 1 |
| 2 | 18.79 | --- | --- | --- | --- | --- | 20.62 | 20.90 | --- | 20.60 | 20.33 | 20.02 | 2 |
| 3 | 18.78 | --- | --- | --- | --- | --- | 20.65 | 20.90 | --- | 20.51 | 20.31 | 20.02 | 3 |
| 4 | 18.77 | --- | --- | --- | --- | --- | 20.67 | 20.91 | --- | 20.54 | 20.30 | 20.01 | 4 |
| 5 | 18.78 | --- | --- | --- | --- | --- | 20.72 | 20.91 | --- | 20.58 | 20.28 | 19.99 | 5 |
| 6 | 18.79 | --- | --- | --- | --- | --- | 20.72 | 20.91 | --- | 20.60 | 20.26 | 19.97 | 6 |
| 7 | 18.79 | --- | --- | --- | --- | --- | 20.78 | 20.91 | --- | 20.59 | 20.26 | 19.97 | 7 |
| 8 | 18.79 | --- | --- | --- | --- | --- | 20.78 | 20.91 | --- | 20.57 | 20.27 | 19.96 | 8 |
| 9 | 18.82 | --- | --- | --- | --- | --- | 20.82 | 20.90 | --- | 20.56 | 20.25 | 19.96 | 9 |
| 10 | 18.78 | --- | --- | --- | --- | --- | 20.84 | 20.92A | --- | 20.54 | 20.23 | 19.97 | 10 |
| 11 | 18.77 | --- | --- | --- | --- | --- | 20.84 | --- | --- | 20.53 | 20.24 | 19.95 | 11 |
| 12 | 18.75 | --- | --- | 17.72 | --- | --- | 20.83 | --- | --- | 20.57 | 20.22 | 19.92 | 12 |
| 13 | 18.75 | --- | --- | --- | --- | --- | 20.83 | --- | --- | 20.54 | 20.22 | 19.91 | 13 |
| 14 | 18.74 | --- | --- | --- | --- | --- | 20.82 | --- | --- | 20.54 | 20.22 | 19.90 | 14 |
| 15 | 18.74 | --- | --- | --- | --- | --- | 20.85 | --- | --- | 20.50 | 20.20 | 19.89 | 15 |
| 16 | 18.74 | --- | --- | --- | --- | --- | 20.80 | --- | --- | 20.50 | 20.17 | 19.89 | 16 |
| 17 | 18.74 | --- | --- | --- | --- | --- | 20.83 | --- | --- | 20.48 | 20.17 | 19.86 | 17 |
| 18 | 18.73 | --- | --- | --- | --- | --- | 20.85 | --- | --- | 20.46 | 20.17 | 19.86 | 18 |
| 19 | 18.72 | --- | --- | --- | --- | --- | 20.86 | --- | --- | 20.47 | 20.17 | 19.84 | 19 |
| 20 | 18.70 | --- | --- | --- | --- | --- | 20.87 | --- | 20.64A | 20.46 | 20.14 | 19.84 | 20 |
| 21 | 18.70 | 18.30 | --- | --- | --- | 20.13A | 20.88 | --- | 20.63 | 20.44 | 20.15 | 19.80 | 21 |
| 22 | 18.69 | --- | --- | --- | --- | 20.15 | 20.88 | --- | 20.62 | 20.43 | 20.15 | 19.79 | 22 |
| 23 | 18.68 | --- | --- | --- | --- | 20.20 | 20.88 | --- | 20.58 | 20.43 | 20.15 | 19.77 | 23 |
| 24 | --- | --- | --- | --- | --- | 20.25 | 20.89 | --- | 20.60 | 20.44 | 20.13 | 19.77 | 24 |
| 25 | --- | --- | --- | --- | --- | 20.29 | 20.89 | --- | 20.57 | 20.41 | 20.13 | 19.79 | 25 |
| 26 | --- | --- | --- | --- | --- | 20.33 | 20.89 | --- | 20.60 | 20.37 | 20.09 | 19.78 | 26 |
| 27 | --- | --- | --- | --- | --- | 20.37 | 20.89 | --- | 20.60 | 20.36 | 20.07 | 19.77 | 27 |
| 28 | --- | --- | --- | --- | --- | 20.42 | 20.89 | --- | 20.58 | 20.36 | 20.09 | 19.77 | 28 |
| 29 | --- | --- | --- | --- | --- | 20.48 | 20.89 | --- | 20.59 | 20.36 | 20.06 | 19.74 | 29 |
| 30 | --- | --- | --- | --- | --- | 20.55 | 20.89 | --- | 20.59 | 20.34 | 20.02 | 19.75 | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 20.89 | --- | --- | 20.33 | --- | 19.74 | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 43 50 N
 LONG 109 40 15 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NUELTIN LAKE NEAR SMITH BAY - STATION NO. 06HA001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-----|---------|---------|---------|-----|---------|-----|---------|-----|-----|-----|-----|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | --- | 896.74A | --- | --- | --- | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 10 |
| 11 | --- | --- | 895.60A | --- | 895.04A | --- | --- | --- | 897.84A | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12 |
| 13 | --- | --- | --- | 895.19A | --- | --- | --- | --- | --- | --- | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 26 40 N
 LONG 99 39 50 W

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

PEEL RIVER ABOVE FORT MCPHERSON - STATION NO. 10MC002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|--------|---------|---------|---------|---------|--------|--------|-------|
| 1 | 3150 B | 2640 B | 2320 B | 1850 B | 3300 B | --- | 100000 | 22800 | 31900 | 18100 | 5720 B | 3300 B | 1 |
| 2 | 3130 B | 2630 B | 2310 B | 1840 B | 3550 B | --- | 75200 | 23700 | 33800 | 17800 | 5480 B | 3270 B | 2 |
| 3 | 3100 B | 2610 B | 2300 B | 1820 B | 3800 B | --- | 61000 | 25200 | 33600 | 17100 B | 5360 B | 3230 B | 3 |
| 4 | 3070 B | 2600 B | 2290 B | 1800 B | 4080 B | --- | 51300 | 36500 | 39900 | 16500 | 5210 B | 3200 B | 4 |
| 5 | 3040 B | 2590 B | 2280 B | 1790 B | 4400 B | --- | 43000 | 39800 | 47000 | 15900 B | 5080 B | 3190 B | 5 |
| 6 | 3020 B | 2580 B | 2270 B | 1770 B | 4730 B | --- | 37200 | 34600 | 44300 | 15400 B | 4960 B | 3180 B | 6 |
| 7 | 3000 B | 2570 B | 2250 B | 1750 B | 5100 B | --- | 32400 | 29700 | 40500 | 14800 B | 4830 B | 3150 B | 7 |
| 8 | 2980 B | 2560 B | 2240 B | 1740 B | 5490 B | --- | 28800 | 26100 | 36600 | 14200 B | 4720 B | 3110 B | 8 |
| 9 | 2970 B | 2550 B | 2230 B | 1720 B | 5940 B | 154000 | 26400 | 24400 | 33400 | 13700 B | 4610 B | 3090 B | 9 |
| 10 | 2950 B | 2540 B | 2220 B | 1700 B | 6400 B | 149000 | 24800 | 25200 | 31700 | 13200 B | 4510 B | 3070 B | 10 |
| 11 | 2920 B | 2530 B | 2200 B | 1690 B | 6920 B | 150000 | 23000 | 28000 | 30900 | 12700 B | 4410 B | 3050 B | 11 |
| 12 | 2900 B | 2520 B | 2190 B | 1670 B | 7550 B | 152000 | 21300 | 29400 | 30100 | 12200 B | 4320 B | 3030 B | 12 |
| 13 | 2880 B | 2510 B | 2170 B | 1650 B | 8210 B | 153000 | 19700 | 28100 | 29700 | 11800 B | 4230 B | 3020 B | 13 |
| 14 | 2860 B | 2490 B | 2150 B | 1630 B | 9000 B | 132000 | 18400 | 26000 | 29900 | 11400 B | 4190 B | 3020 B | 14 |
| 15 | 2840 B | 2480 B | 2140 B | 1620 B | 9960 B | 120000 | 17800 | 24500 | 32800 | 11000 B | 4090 B | 3000 B | 15 |
| 16 | 2830 B | 2470 B | 2120 B | 1630 B | 11000 B | 113000 | 17500 | 24300 | 41800 | 10600 B | 4010 B | 3000 B | 16 |
| 17 | 2810 B | 2460 B | 2100 B | 1620 B | 12200 B | 101000 | 17500 | 24300 | 54600 | 10200 B | 3980 B | 2990 B | 17 |
| 18 | 2800 B | 2450 B | 2090 B | 1700 B | 13600 B | 89400 | 17800 | 24700 | 61000 | 9800 B | 3890 B | 2980 B | 18 |
| 19 | 2790 B | 2440 B | 2070 B | 1740 B | 13600 B | 75700 | 18600 | 26100 | 56700 | 9450 B | 3810 B | 2980 B | 19 |
| 20 | 2780 B | 2430 B | 2050 B | 1790 B | 13600 B | 65000 | 21000 | 31300 | 48200 | 9030 B | 3780 B | 2970 B | 20 |
| 21 | 2760 B | 2420 B | 2040 B | 1830 B | 13800 B | 58600 | 22300 | 39300 | 41100 | 8780 B | 3710 B | 2960 B | 21 |
| 22 | 2740 B | 2410 B | 2020 B | 1920 B | --- | 49200 | 22300 | 37800 | 35700 | 8420 B | 3650 B | 2950 B | 22 |
| 23 | 2730 B | 2400 B | 2000 B | 2010 B | --- | 40400 | 27000 | 33300 | 31200 | 8130 B | 3600 B | 2950 B | 23 |
| 24 | 2720 B | 2390 B | 1990 B | 2120 B | --- | 35200 | 31500 | 30300 | 27600 | 7800 B | 3580 B | 2950 B | 24 |
| 25 | 2710 B | 2370 B | 1970 B | 2240 B | --- | 36600 | 29500 | 28700 | 24900 | 7530 B | 3520 B | 2940 B | 25 |
| 26 | 2700 B | 2360 B | 1950 B | 2390 B | --- | 45100 | 26500 | 29300 | 23100 | 7280 B | 3480 B | 2940 B | 26 |
| 27 | 2690 B | 2350 B | 1940 B | 2540 B | --- | 70700 | 24200 | 29900 | 22000 | 7000 B | 3420 B | 2940 B | 27 |
| 28 | 2680 B | 2340 B | 1920 B | 2700 B | --- | 120000 | 22200 | 31900 | 20700 | 6700 B | 3390 B | 2930 B | 28 |
| 29 | 2670 B | 2330 B | 1900 B | 2880 B | --- | 138000 | 21200 | 32400 | 19600 | 6460 B | 3380 B | 2930 B | 29 |
| 30 | 2660 B | 2320 B | 1890 B | 3090 B | --- | 125000 | 21200 | 32800 | 19000 | 6200 B | 3330 B | 2930 B | 30 |
| 31 | 2650 B | 2310 B | 1870 B | --- | --- | --- | 21900 | 33100 | --- | 5980 B | --- | 2920 B | 31 |
| TOTAL | 88540 | 72020 | 65480 | 58290 | --- | --- | 943500 | 913500 | 1053300 | 345160 | 126250 | 94170 | TOTAL |
| MEAN | 2860 | 2480 | 2110 | 1940 | --- | --- | 30400 | 29500 | 35100 | 11100 | 4210 | 3040 | MEAN |
| AC-FT | 176000 | 143000 | 130000 | 116000 | --- | --- | 1870000 | 1810000 | 2090000 | 685000 | 250000 | 187000 | AC-FT |
| MAX | 3160 | 2640 | 2320 | 3090 | --- | --- | 100000 | 39800 | 61000 | 18100 | 5720 | 3300 | MAX |
| MIN | 2650 | 2330 | 1870 | 1620 | --- | --- | 17500 | 22800 | 19000 | 5980 | 3330 | 2920 | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 67 13 15 N
 LONG 134 56 45 W
 DRAINAGE AREA 27300 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

POCKET LAKE NEAR YELLOWKNIFE - STATION NO. 07SB008

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-------|-----|-------|-------|-------|-----|--------|-------|-------|-------|-------|-----|-----|
| 1 | --- | --- | --- | 96.98 | 96.98 | --- | --- | 96.85 | 96.64 | 96.67 | 96.79 | --- | 1 |
| 2 | --- | --- | --- | 96.97 | 96.98 | --- | --- | 96.84 | 96.64 | 96.69 | 96.80 | --- | 2 |
| 3 | --- | --- | --- | 96.96 | 96.98 | --- | --- | 96.82 | 96.71 | 96.79 | 96.79 | --- | 3 |
| 4 | --- | --- | --- | 96.96 | 96.99 | --- | --- | 96.81 | 96.60 | 96.69 | 96.78 | --- | 4 |
| 5 | --- | --- | --- | 96.97 | 97.00 | --- | 97.15A | 96.80 | 96.59 | 96.70 | 96.78 | --- | 5 |
| 6 | --- | --- | 96.92 | 96.98 | 97.00 | --- | 97.15 | 96.81 | 96.58 | 96.73 | 96.79 | --- | 6 |
| 7 | --- | --- | 96.93 | 96.99 | --- | --- | 97.15 | 96.79 | 96.58 | 96.71 | 96.80 | --- | 7 |
| 8 | --- | --- | 96.93 | 96.98 | --- | --- | 97.14 | 96.79 | 96.59 | 96.72 | 96.79 | --- | 8 |
| 9 | --- | --- | 96.93 | 96.99 | --- | --- | 97.14 | 96.80 | 96.59 | 96.71 | 96.79 | --- | 9 |
| 10 | 96.88 | --- | --- | 96.99 | --- | --- | 97.13 | 96.77 | 96.58 | 96.71 | 96.80 | --- | 10 |
| 11 | --- | --- | --- | 97.00 | --- | --- | 97.11 | 96.76 | 96.58 | 96.71 | 96.81 | --- | 11 |
| 12 | --- | --- | --- | 96.99 | --- | --- | 97.10 | 96.76 | 96.57 | 96.71 | 96.80 | --- | 12 |
| 13 | --- | --- | --- | 96.99 | --- | --- | 97.08 | 96.75 | 96.57 | 96.70 | 96.81 | --- | 13 |
| 14 | --- | --- | 96.93 | 96.99 | --- | --- | 97.06 | 96.75 | 96.56 | 96.71 | 96.82 | --- | 14 |
| 15 | --- | --- | 96.92 | 96.98 | --- | --- | 97.04 | 96.74 | 96.58 | 96.70 | 96.82 | --- | 15 |
| 16 | --- | --- | 96.93 | 96.98 | --- | --- | 97.02 | 96.74 | 96.62 | 96.70 | 96.82 | --- | 16 |
| 17 | --- | --- | 96.94 | 96.98 | --- | --- | 97.00 | 96.72 | 96.64 | 96.69 | 96.84 | --- | 17 |
| 18 | --- | --- | 96.93 | 96.98 | --- | --- | 96.98 | 96.72 | 96.62 | 96.71 | 96.84 | --- | 18 |
| 19 | --- | --- | 96.94 | 96.97 | --- | --- | 96.98 | 96.75 | 96.63 | 96.72 | 96.83 | --- | 19 |
| 20 | --- | --- | 96.95 | 96.99 | --- | --- | 96.96 | 96.74 | 96.63 | 96.72 | 96.83 | --- | 20 |
| 21 | --- | --- | 96.94 | 96.98 | --- | --- | 96.94 | 96.75 | 96.63 | 96.71 | --- | --- | 21 |
| 22 | --- | --- | 96.94 | 96.99 | --- | --- | 96.93 | 96.75 | 96.63 | 96.72 | --- | --- | 22 |
| 23 | --- | --- | 96.94 | 96.98 | --- | --- | 96.92 | 96.73 | 96.64 | 96.72 | --- | --- | 23 |
| 24 | --- | --- | 96.95 | 96.99 | --- | --- | 96.90 | 96.72 | 96.64 | 96.76 | --- | --- | 24 |
| 25 | --- | --- | 96.95 | 97.00 | --- | --- | 96.89 | 96.71 | 96.63 | 96.76 | --- | --- | 25 |
| 26 | --- | --- | 96.95 | 96.99 | --- | --- | 96.89 | 96.70 | 96.63 | 96.76 | --- | --- | 26 |
| 27 | --- | --- | 96.94 | 96.99 | --- | --- | 96.88 | 96.69 | 96.64 | 96.78 | --- | --- | 27 |
| 28 | --- | --- | 96.94 | 96.98 | --- | --- | 96.87 | 96.67 | 96.65 | 96.77 | --- | --- | 28 |
| 29 | --- | --- | 96.96 | 96.97 | --- | --- | 96.87 | 96.68 | 96.65 | 96.77 | --- | --- | 29 |
| 30 | --- | --- | 96.96 | 96.98 | --- | --- | 96.86 | 96.67 | 96.66 | 96.79 | --- | --- | 30 |
| 31 | --- | --- | 96.96 | --- | --- | --- | 96.85 | 96.64 | 96.66 | 96.78 | --- | --- | 31 |

A-MANUAL GAUGE

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 30 36 N
 LONG 114 22 16 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

NORTHWEST TERRITORIES

QUOICH RIVER ABOVE ST. CLAIR FALLS - STATION NO. 06MB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|-------|-------|-------|--------|-------|--------|--------|--------|--------|-------|-------|
| 1 | 92.0 B | 80.0 B | 102 B | 147 B | 170 B | 216 B | --- | 15700 | 5980 | 3800 | 1590 B | 602 B | 1 |
| 2 | 92.0 B | 80.0 B | 105 B | 150 B | 171 B | 218 B | --- | 14400 | 5800 | 3710 | 1550 B | 570 B | 2 |
| 3 | 92.0 B | 79.0 B | 107 B | 150 B | 172 B | 220 B | --- | 13300 | 5920 | 3820 | 1520 B | 538 B | 3 |
| 4 | 91.0 B | 79.0 B | 108 B | 152 B | 173 B | 222 B | --- | 12500 | 6060 | 4200 | 1490 B | 506 B | 4 |
| 5 | 91.0 B | 79.0 B | 109 B | 153 B | 174 B | 224 B | --- | 10300 | 6160 | 3300 | 1450 B | 474 B | 5 |
| 6 | 91.0 B | 78.0 B | 110 B | 155 B | 175 B | 226 B | --- | 11300 | 6350 | 3740 | 1420 B | 442 B | 6 |
| 7 | 90.0 B | 78.0 B | 111 B | 155 B | 175 B | 228 B | --- | 10500 | 6680 | 3100 | 1390 B | 410 B | 7 |
| 8 | 90.0 B | 77.0 B | 113 B | 155 B | 176 B | 230 B | --- | 9960 | 6880 | 3270 | 1350 B | 378 B | 8 |
| 9 | 90.0 B | 77.0 B | 115 B | 155 B | 177 B | 232 B | --- | 9510 | 6630 | 3240 | 1320 B | 346 B | 9 |
| 10 | 89.0 B | 75.0 B | 117 B | 155 B | 177 B | 234 B | --- | 8830 | 6430 | 3070 | 1290 B | 314 B | 10 |
| 11 | 89.0 B | 75.0 B | 118 B | 156 B | 178 B | 236 B | --- | 8630 | 7130 | 2500 | 1260 B | 282 B | 11 |
| 12 | 88.0 B | 78.0 B | 120 B | 157 B | 179 B | 238 B | --- | 8380 | 7930 | 2530 | 1220 B | 250 B | 12 |
| 13 | 88.0 B | 79.0 B | 121 B | 157 B | 180 B | 240 B | --- | 7900 | 8330 | 2620 | 1190 B | 218 B | 13 |
| 14 | 87.0 B | 80.0 B | 122 B | 158 B | 181 B | 242 B | --- | 7450 | 8430 | 2320 | 1160 B | 214 B | 14 |
| 15 | 87.0 B | 82.0 B | 124 B | 158 B | 182 B | 246 B | --- | 7400 | 8580 | 2150 | 1120 B | 212 B | 15 |
| 16 | 86.0 B | 84.0 B | 125 B | 159 B | 184 B | 850 B | --- | 7300 | 8630 | 2110 B | 1090 B | 212 B | 16 |
| 17 | 86.0 B | 85.0 B | 127 B | 159 B | 186 B | 1400 B | --- | 7180 | 8530 | 2080 B | 1060 B | 210 B | 17 |
| 18 | 86.0 B | 87.0 B | 128 B | 160 B | 188 B | 2000 B | --- | 6950 | 8130 | 2050 B | 1020 B | 210 B | 18 |
| 19 | 85.0 B | 88.0 B | 129 B | 161 B | 190 B | 2600 B | --- | 6680 | 7330 | 2010 B | 991 B | 208 B | 19 |
| 20 | 85.0 B | 89.0 B | 131 B | 162 B | 192 B | 3200 B | 35600 | 6220 | 6530 | 1980 B | 958 B | 206 B | 20 |
| 21 | 85.0 B | 90.0 B | 133 B | 162 B | 194 B | 3800 B | 33500 | 6000 | 6000 | 1950 B | 925 B | 205 B | 21 |
| 22 | 84.0 B | 92.0 B | 134 B | 163 B | 196 B | 4400 B | 30900 | 5860 | 5400 | 1920 B | 892 B | 203 B | 22 |
| 23 | 84.0 B | 95.0 B | 135 B | 163 B | 198 B | 5000 B | 29500 | 5800 | 5960 | 1880 B | 859 B | 202 B | 23 |
| 24 | 83.0 B | 97.0 B | 137 B | 165 B | 200 B | 5700 B | 28000 | 5580 | 7130 | 1850 B | 826 B | 201 B | 24 |
| 25 | 83.0 B | 98.0 B | 138 B | 166 B | 202 B | 6300 B | 25700 | 5380 | 6330 | 1820 B | 794 B | 200 B | 25 |
| 26 | 82.0 B | 98.0 B | 140 B | 168 B | 204 B | 6900 B | 24600 | 5400 | 5720 | 1780 B | 762 B | 200 B | 26 |
| 27 | 82.0 B | 99.0 B | 140 B | 169 B | 206 B | 7500 B | 22500 | 5720 | 5140 | 1750 B | 730 B | 199 B | 27 |
| 28 | 81.0 B | 100 B | 142 B | 169 B | 208 B | 8200 B | 21200 | 6140 | 4760 | 1720 B | 698 B | 198 B | 28 |
| 29 | 81.0 B | 102 B | 144 B | 170 B | 210 B | 8900 B | 19700 | 6400 | 4860 | 1680 B | 666 B | 196 B | 29 |
| 30 | 80.0 B | | 145 B | 170 B | 212 B | 9600 B | 18100 | 6200 | 4560 | 1650 B | 634 B | 194 B | 30 |
| 31 | 80.0 B | | 147 B | | 214 B | | 17000 | 6120 | | 1620 B | | 192 B | 31 |
| TOTAL | 2680.0 | 2480.0 | 3877 | 4779 | 5824 | 79802 | --- | 254990 | 198300 | 77220 | 33225 | 8992 | TOTAL |
| MEAN | 86.5 | 85.5 | 125 | 159 | 188 | 2660 | --- | 8230 | 6610 | 2490 | 1110 | 290 | MEAN |
| AC-FT | 5320 | 4920 | 7690 | 9480 | 11600 | 158000 | --- | 506000 | 393000 | 153000 | 65900 | 17800 | AC-FT |
| MAX | 92 | 102 | 147 | 170 | 214 | 9600 | --- | 15700 | 8630 | 4200 | 1590 | 602 | MAX |
| MIN | 80.0 | 75.0 | 102 | 147 | 170 | 216 | --- | 5380 | 4560 | 1620 | 634 | 192 | MIN |

SUMMARY FOR THE YEAR 1972

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 27 30 N
LONG 94 07 10 W

B-ICE CONDITIONS

MINIMUM DAILY DISCHARGE, 75.0 CFS ON FEB 10

NATURAL FLOW

REDSTONE RIVER NEAR THE MOUTH - STATION NO. 10HB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|-----|-----|-------|------|--------|--------|--------|--------|-------|
| 1 | 600 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8490 | 4100 B | 2140 B | 1350 B | 1 |
| 2 | 600 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8220 | 4070 B | 2110 B | 1330 B | 2 |
| 3 | 600 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8540 | 4000 B | 2070 B | 1310 B | 3 |
| 4 | 500 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8690 | 3890 B | 2030 B | 1290 B | 4 |
| 5 | 500 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8120 | 3730 B | 2000 B | 1280 B | 5 |
| 6 | 500 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 7600 | 3650 B | 1980 B | 1260 B | 6 |
| 7 | 500 B | 400 B | 400 B | 450 B | --- | --- | --- | --- | 7220 | 3590 B | 1940 B | 1240 B | 7 |
| 8 | 500 B | 400 B | 400 B | 471 B | --- | --- | --- | --- | 6880 | 3510 B | 1900 B | 1220 B | 8 |
| 9 | 450 B | 400 B | 400 B | --- | --- | --- | --- | --- | 6640 | 3420 B | 1880 B | 1200 B | 9 |
| 10 | 450 B | 400 B | 400 B | --- | --- | --- | --- | --- | 6530 | 3280 B | 1840 B | 1190 B | 10 |
| 11 | 450 B | 400 B | 400 B | --- | --- | --- | --- | --- | 6400 | 3190 B | 1800 B | 1180 B | 11 |
| 12 | 450 B | 400 B | 400 B | --- | --- | --- | --- | --- | 6210 | 3120 B | 1780 B | 1160 B | 12 |
| 13 | 450 B | 400 B | 400 B | --- | --- | --- | --- | --- | 6060 | 3050 B | 1750 B | 1140 B | 13 |
| 14 | 400 B | 400 B | 400 B | --- | --- | --- | --- | --- | 6000 | 3000 B | 1720 B | 1120 B | 14 |
| 15 | 400 B | 400 B | 400 B | --- | --- | --- | --- | --- | 5940 | 2950 B | 1700 B | 1100 B | 15 |
| 16 | 400 B | 400 B | 450 B | --- | --- | --- | --- | --- | 5900 | 2880 B | 1680 B | 1090 B | 16 |
| 17 | 400 B | 400 B | 450 B | --- | --- | --- | --- | --- | 5800 | 2820 B | 1650 B | 1070 B | 17 |
| 18 | 400 B | 400 B | 450 B | --- | --- | --- | --- | --- | 5630 | 2770 B | 1620 B | 1060 B | 18 |
| 19 | 400 B | 400 B | 450 B | --- | --- | --- | 11300 | --- | 5440 | 2710 B | 1590 B | 1040 B | 19 |
| 20 | 400 B | 400 B | 450 B | --- | --- | --- | 12300 | --- | 5230 | 2680 B | 1570 B | 1020 B | 20 |
| 21 | 400 B | 400 B | 450 B | --- | --- | --- | 17600 | --- | 5070 | 2610 B | 1550 B | 1010 B | 21 |
| 22 | 400 B | 400 B | 450 B | --- | --- | --- | --- | --- | 4950 | 2560 B | 1520 B | 1000 B | 22 |
| 23 | 400 B | 400 B | 450 B | --- | --- | --- | --- | --- | 4810 | 2510 B | 1500 B | 990 B | 23 |
| 24 | 400 B | 400 B | 450 B | --- | --- | --- | --- | --- | 4630 | 2470 B | 1480 B | 970 B | 24 |
| 25 | 385 B | 400 B | 450 B | --- | --- | --- | --- | --- | 4580 | 2430 B | 1460 B | 950 B | 25 |
| 26 | 400 B | 400 B | 450 B | --- | --- | --- | --- | 9350 | 4570 | 2390 B | 1440 B | 930 B | 26 |
| 27 | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8950 | 4440 | 2350 B | 1420 B | 910 B | 27 |
| 28 | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8640 | 4220 B | 2300 B | 1400 B | 900 B | 28 |
| 29 | 400 B | 400 B | 450 B | --- | --- | --- | --- | 8640 | 4180 B | 2250 B | 1380 B | 890 B | 29 |
| 30 | 400 B | | 450 B | --- | --- | --- | --- | 9570 | 4150 B | 2210 B | 1370 B | 870 B | 30 |
| 31 | 400 B | | 450 B | --- | --- | --- | --- | 9060 | | 2180 B | | 850 B | 31 |
| TOTAL | 13735 | 11600 | 13200 | --- | --- | --- | --- | --- | 181140 | 92670 | 51270 | 33920 | TOTAL |
| MEAN | 443 | 400 | 426 | --- | --- | --- | --- | --- | 6040 | 2990 | 1710 | 1090 | MEAN |
| AC-FT | 27200 | 23000 | 26200 | --- | --- | --- | --- | --- | 359000 | 184000 | 102000 | 67300 | AC-FT |
| MAX | 600 | 400 | 450 | --- | --- | --- | --- | --- | 8690 | 4100 | 2140 | 1350 | MAX |
| MIN | 385 | 400 | 400 | --- | --- | --- | --- | --- | 4150 | 2180 | 1370 | 850 | MIN |

TYPE OF GAUGE - RECORDING
LOCATION - LAT 64 11 00 N
LONG 124 40 20 W
DRAINAGE AREA 6080 SQ MILES

B-ICE CONDITIONS

NATURAL FLOW

NORTHWEST TERRITORIES

SOUTH NAHANNI RIVER ABOVE CLAUSEN CREEK - STATION NO. 10EC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
| 1 | 1870 B | 1790 B | 1690 B | 1530 B | --- | 69500 | --- | 60700 | 16200 | 9180 | 4600 B | 2950 B | 1 |
| 2 | 1860 B | 1790 B | 1690 B | 1590 B | --- | 70900 | --- | 50400 | 15900 | 9150 | 4500 B | 2950 B | 2 |
| 3 | 1860 B | 1790 B | 1680 B | 1620 B | --- | 60200 | --- | 45900 | 15400 | 9070 | 4400 B | 2900 B | 3 |
| 4 | 1850 B | 1790 B | 1670 B | 1680 B | --- | 46900 | --- | 46800 | 15500 | 9000 | 4200 B | 2900 B | 4 |
| 5 | 1850 B | 1790 B | 1650 B | 1720 B | --- | 36700 | --- | 43000 | 15900 | 8610 | 4000 B | 2850 B | 5 |
| 6 | 1850 B | 1780 B | 1640 B | 1800 B | --- | 34400 | --- | 37400 | 15100 | 8440 | 3900 B | 2850 B | 6 |
| 7 | 1840 B | 1780 B | 1630 B | 1840 B | --- | 48600 | --- | 35000 | 14700 | 8470 | 3800 B | 2800 B | 7 |
| 8 | 1840 B | 1780 B | 1620 B | --- | --- | 51000 | --- | 36900 | 14400 | 8300 | 3600 B | 2800 B | 8 |
| 9 | 1840 B | 1780 B | 1610 B | --- | --- | 55000 | --- | 36700 | 13700 | 7990 | 3500 B | 2800 B | 9 |
| 10 | 1840 B | 1780 B | 1600 B | --- | --- | 56100 | --- | 33400 | 13200 | 6740 | 3450 B | 2750 B | 10 |
| 11 | 1840 B | 1770 B | 1590 B | --- | --- | 63400 | --- | 31800 | 12900 | 5090 | 3400 B | 2750 B | 11 |
| 12 | 1830 B | 1770 B | 1580 B | --- | --- | 64800 | --- | 30100 | 12600 | 5800 | 3350 B | 2750 B | 12 |
| 13 | 1830 B | 1770 B | 1570 B | --- | --- | 58400 | --- | 28200 | 12200 | 6220 | 3300 B | 2700 B | 13 |
| 14 | 1830 B | 1770 B | 1560 B | --- | --- | 55200 | --- | 26300 | 12000 | 6680 | 3300 B | 2700 B | 14 |
| 15 | 1830 B | 1770 B | 1550 B | --- | --- | 55500 | --- | 25100 | 12100 | 7070 | 3250 B | 2650 B | 15 |
| 16 | 1830 B | 1760 B | 1540 B | --- | --- | 52700 | --- | 24100 | 13600 | 7190 | 3250 B | 2600 B | 16 |
| 17 | 1820 B | 1760 B | 1530 B | --- | --- | 47300 | --- | 23300 | 14000 | 7040 | 3200 B | 2550 B | 17 |
| 18 | 1820 B | 1760 B | 1520 B | --- | --- | 46200 | --- | 23300 | 13500 | 6800 | 3150 B | 2500 B | 18 |
| 19 | 1820 B | 1760 B | 1510 B | --- | --- | 47900 | --- | 25000 | 12900 | 6770 | 3150 B | 2400 B | 19 |
| 20 | 1820 B | 1760 B | 1500 B | --- | --- | 50100 | --- | 30600 | 12300 | 7070 | 3100 B | 2300 B | 20 |
| 21 | 1820 B | 1750 B | 1490 B | --- | --- | 55400 | --- | 28900 | 11800 | 7160 | 3400 B | 2250 B | 21 |
| 22 | 1810 B | 1750 B | 1480 B | --- | --- | 55000 | --- | 26200 | 11400 | 6950 | 3050 B | 2200 B | 22 |
| 23 | 1810 B | 1740 B | 1470 B | --- | --- | 47300 | --- | 24600 | 11000 | 6600 | 3050 B | 2150 B | 23 |
| 24 | 1810 B | 1740 B | 1460 B | --- | --- | 43100 | --- | 23100 | 10400 | 5830 | 3050 B | 2100 B | 24 |
| 25 | 1810 B | 1730 B | 1450 B | --- | --- | 41600 | --- | 22100 | 9980 | 5500 | 3000 B | 2050 B | 25 |
| 26 | 1810 B | 1720 B | 1440 B | --- | --- | 45500 | --- | 21200 | 9750 | 5200 B | 3000 B | 2000 B | 26 |
| 27 | 1800 B | 1710 B | 1430 B | --- | --- | 68200 | --- | 20000 | 9520 | 5100 B | 3000 B | 1980 B | 27 |
| 28 | 1800 B | 1700 B | 1460 B | --- | --- | 68500 | --- | 18700 | 9370 | 5000 B | 3000 B | 1920 B | 28 |
| 29 | 1800 B | 1700 B | 1480 B | --- | --- | 60900 A | --- | 17900 | 9070 | 4900 B | 2950 B | 1900 B | 29 |
| 30 | 1800 B | 1740 B | 1500 B | --- | 70300 A | 60900 E | --- | 17700 | 9220 | 4800 B | 2950 B | 1880 B | 30 |
| 31 | 1800 B | 1730 B | 1510 B | --- | 68200 | --- | 71100 A | 17000 | --- | 4700 B | --- | 1820 B | 31 |
| TOTAL | 56640 | 51040 | 48100 | --- | --- | 1617200 | --- | 931400 | 379610 | 212420 | 102550 | 76700 | TOTAL |
| MEAN | 1830 | 1760 | 1550 | --- | --- | 53900 | --- | 30000 | 12700 | 6850 | 3420 | 2470 | MEAN |
| AC-FT | 112000 | 101000 | 95400 | --- | --- | 3210000 | --- | 1850000 | 753000 | 421000 | 203000 | 152000 | AC-FT |
| MAX | 1870 | 1790 | 1690 | --- | --- | 70900 | --- | 60700 | 16200 | 9180 | 4600 | 2950 | MAX |
| MIN | 1800 | 1700 | 1430 | --- | --- | 34400 | --- | 17000 | 9070 | 4700 | 2950 | 1820 | MIN |

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 15 10 N
LONG 124 02 10 W
DRAINAGE AREA 12900 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS
E-ESTIMATED
NATURAL FLOW

SOUTH NAHANNI RIVER ABOVE VIRGINIA FALLS - STATION NO. 10EB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|-------|-------|-------|--------|-------|-----|---------|--------|--------|--------|--------|-------|
| 1 | 1010 B | 735 B | 590 B | 740 B | --- | 50800 | --- | --- | 8750 | 5000 B | 2700 B | 1980 B | 1 |
| 2 | 995 B | 725 B | 588 B | 760 B | --- | 50500 | --- | --- | 8620 | 5000 B | 2650 B | 1970 B | 2 |
| 3 | 985 B | 720 B | 586 B | 780 B | --- | 39100 | --- | --- | 8650 | 4950 B | 2600 B | 1960 B | 3 |
| 4 | 975 B | 715 B | 582 B | 800 B | --- | 23000 | --- | 21700 A | 9280 | 4880 B | 2510 B | 1950 B | 4 |
| 5 | 970 B | 705 B | 580 B | 820 B | --- | 16400 | --- | 19200 | 8810 | 4800 B | 2490 B | 1920 B | 5 |
| 6 | 960 B | 695 B | 578 B | 850 B | --- | 13900 | --- | 17000 | 8720 | 4700 B | 2400 B | 1900 B | 6 |
| 7 | 950 B | 690 B | 576 B | 880 B | --- | --- | --- | 17900 | 8120 | 4590 B | 2390 B | 1890 B | 7 |
| 8 | 940 B | 685 B | 574 B | --- | --- | --- | --- | 21700 | 7800 | 4400 B | 2350 B | 1870 B | 8 |
| 9 | 930 B | 680 B | 570 B | --- | --- | --- | --- | 19200 | 7480 | 4150 B | 2300 B | 1840 B | 9 |
| 10 | 925 B | 675 B | 568 B | --- | --- | --- | --- | 16900 | 7230 | 3700 B | 2290 B | 1810 B | 10 |
| 11 | 915 B | 665 B | 566 B | --- | --- | --- | --- | 16100 | 7050 | 3670 B | 2270 B | 1780 B | 11 |
| 12 | 905 B | 660 B | 564 B | --- | --- | --- | --- | 15100 | 6920 | 3650 B | 2230 B | 1720 B | 12 |
| 13 | 895 B | 655 B | 562 B | --- | --- | --- | --- | 13900 | 6770 | 3800 B | 2200 B | 1680 B | 13 |
| 14 | 885 B | 650 B | 562 B | --- | --- | --- | --- | 13100 | 6680 | 4000 B | 2190 B | 1630 B | 14 |
| 15 | 875 B | 645 B | 564 B | --- | --- | --- | --- | 12600 | 7200 | 4250 B | 2170 B | 1590 B | 15 |
| 16 | 865 B | 643 B | 566 B | --- | --- | --- | --- | 12200 | 7640 | 4210 B | 2140 B | 1540 B | 16 |
| 17 | 855 B | 640 B | 568 B | --- | --- | --- | --- | 12200 | 7480 | 4110 B | 2100 B | 1500 B | 17 |
| 18 | 845 B | 638 B | 570 B | --- | --- | --- | --- | 12400 | 7200 | 4090 B | 2090 B | 1480 B | 18 |
| 19 | 835 B | 634 B | 575 B | --- | --- | --- | --- | 15700 | 6860 | 4180 B | 2060 B | 1420 B | 19 |
| 20 | 830 B | 630 B | 580 B | --- | --- | --- | --- | 17500 | 6650 | 4220 B | 2050 B | 1360 B | 20 |
| 21 | 825 B | 625 B | 590 B | --- | --- | --- | --- | 15200 | 6350 | 4000 B | 2040 B | 1310 B | 21 |
| 22 | 815 B | 620 B | 600 B | --- | --- | --- | --- | 13900 | 6170 | 3700 B | 2020 B | 1270 B | 22 |
| 23 | 805 B | 615 B | 610 B | --- | --- | --- | --- | 13000 | 5940 | 3500 B | 2000 B | 1210 B | 23 |
| 24 | 795 B | 610 B | 625 B | --- | --- | --- | --- | 12200 | 5750 | 3350 B | 2000 B | 1190 B | 24 |
| 25 | 785 B | 605 B | 640 B | --- | --- | --- | --- | 11700 | 5500 | 3220 B | 2000 B | 1170 B | 25 |
| 26 | 780 B | 600 B | 650 B | --- | 7900 A | --- | --- | 11200 | 5470 | 3130 B | 2000 B | 1140 B | 26 |
| 27 | 775 B | 600 B | 660 B | --- | 8320 | --- | --- | 10500 | 5370 | 3030 B | 2000 B | 1110 B | 27 |
| 28 | 765 B | 598 B | 680 B | --- | 12000 | --- | --- | 9900 | 5210 B | 2970 B | 2000 B | 1100 B | 28 |
| 29 | 755 B | 595 B | 695 B | --- | 20900 | --- | --- | 9720 | 5110 B | 2900 B | 2000 B | 1090 B | 29 |
| 30 | 750 B | 595 B | 710 B | --- | 41700 | --- | --- | 9350 | 5020 B | 2850 B | 1990 B | 1080 B | 30 |
| 31 | 745 B | 595 B | 725 B | --- | 57700 | --- | --- | 8910 | --- | 2780 B | --- | 1070 B | 31 |
| TOTAL | 26940 | 18953 | 18654 | --- | --- | --- | --- | --- | 209800 | 121780 | 66230 | 47530 | TOTAL |
| MEAN | 869 | 654 | 602 | --- | --- | --- | --- | --- | 6990 | 3930 | 2210 | 1530 | MEAN |
| AC-FT | 53400 | 37600 | 37000 | --- | --- | --- | --- | --- | 416000 | 242000 | 131000 | 94300 | AC-FT |
| MAX | 1010 | 735 | 725 | --- | --- | --- | --- | --- | 9280 | 5000 | 2700 | 1980 | MAX |
| MIN | 745 | 595 | 562 | --- | --- | --- | --- | --- | 5020 | 2780 | 1990 | 1070 | MIN |

TYPE OF GAUGE - RECORDING
LOCATION - LAT 61 38 00 N
LONG 125 48 00 W
DRAINAGE AREA 5650 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS
NATURAL FLOW

NORTHWEST TERRITORIES

SYLVIA GRINNEL RIVER NEAR FROBISHER - STATION NO. 10TE001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|--------|--------|--------|--------|-------|-------|-----|-------|
| 1 | --- | --- | --- | --- | --- | 4.0 B | 410 B | 8090 | 1330 | 770 B | 278 B | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 5.0 B | 460 B | 6700 | 1390 | 750 B | 272 B | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 7.0 B | 500 B | 5310 A | 1660 | 710 B | 265 B | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 9.0 B | 540 B | 4620 A | 1790 | 690 B | 257 B | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 13.0 B | 600 B | 4150 | 1900 | 660 B | 250 B | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 20.0 B | 660 B | 3800 | 1990 | 630 B | 245 B | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 30.0 B | 800 B | 3530 | 2030 | 610 B | 238 B | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 40.0 B | 960 B | 3330 | 3310 | 590 B | 233 B | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 50.0 B | 1200 B | 3090 | 3950 | 570 B | 227 B | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 70.0 B | 1450 B | 2870 | 3340 | 550 B | 222 B | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 90.0 B | 1800 B | 2700 | 2690 | 530 B | 217 B | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 110 B | 2200 B | 2550 | 2280 | 510 B | 213 B | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 130 B | 2700 B | 2400 | 2040 | 490 B | 210 B | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 145 B | 3500 B | 2320 | 1880 | 480 B | 200 B | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 155 B | 4200 B | 2280 | 1810 | 460 B | 195 B | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 165 B | 5200 B | 2180 | 1700 | 450 B | 211 B | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 177 B | 6800 B | 2070 | 1620 | 430 B | 195 B | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 187 B | 8800 B | 1920 | 1570 | 410 B | 190 B | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 200 B | 10300 | 1810 A | 1500 | 400 B | 185 B | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 210 B | 9510 | 1740 E | 1440 | 390 B | 180 B | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 220 B | 9700 | 1810 A | 1330 | 380 B | 175 B | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 230 B | 10800 | 1910 | 1260 | 370 B | 170 B | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 240 B | 7570 | 1950 | 1190 | 360 B | 165 B | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 250 B | 7630 | 1970 | 1100 B | 350 B | 160 B | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 270 B | 7210 | 2000 | 1030 B | 340 B | 155 B | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 290 B | 6650 | 1980 | 964 | 330 B | 150 B | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 300 B | 5990 | 1900 A | 910 B | 320 B | 148 B | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 325 B | 5640 | 1760 E | 860 B | 310 B | 145 B | --- | 28 |
| 29 | --- | --- | --- | --- | --- | 350 B | 5180 | 1550 A | 830 B | 300 B | 142 B | --- | 29 |
| 30 | --- | --- | --- | --- | --- | 370 B | 7800 | 1450 | 795 | 295 B | 140 B | --- | 30 |
| 31 | --- | --- | --- | --- | --- | 7250 | 1380 | | | 285 B | | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | 4662.0 | 144010 | 87120 | 51489 | 14720 | 6033 | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 155 | 4650 | 2810 | 1720 | 475 | 201 | --- | MEAN |
| AC-FT | --- | --- | --- | --- | --- | 9250 | 286000 | 173000 | 102000 | 29200 | 12000 | --- | AC-FT |
| MAX | --- | --- | --- | --- | --- | 370 | 10800 | 8090 | 3950 | 770 | 278 | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 4.0 | 410 | 1380 | 795 | 285 | 140 | --- | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 45 37 N
 LONG 68 35 38 W
 DRAINAGE AREA 1170 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

TALTSO RIVER AT OUTLET OF TSU LAKE - STATION NO. 07QD001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 3180 E | 2890 E | 2470 E | 1680 E | 2280 E | 4500 E | 7010 | 6680 | 5930 | 5070 | 4950 | 5250 | 1 |
| 2 | 3170 E | 2880 E | 2440 E | 1660 E | 2340 E | 4620 E | 6930 | 6640 | 5860 | 5070 | 4980 | 5250 | 2 |
| 3 | 3160 E | 2870 E | 2420 E | 1640 E | 2410 E | 4740 E | 6950 | 6600 | 5760 | 4970 | 5030 | 5240 | 3 |
| 4 | 3150 E | 2860 E | 2400 E | 1620 E | 2480 E | 4870 E | 7120 | 6600 | 5690 | 4830 | 5040 | 5220 | 4 |
| 5 | 3150 A | 2850 E | 2370 E | 1600 E | 2550 E | 4990 E | 7120 | 6600 | 5680 | 4950 | 5090 | 5210 | 5 |
| 6 | 3150 E | 2840 E | 2340 E | 1590 E | 2630 E | 5090 E | 7170 | 6580 | 5610 | 4970 | 5120 | 5190 | 6 |
| 7 | 3140 E | 2830 E | 2320 E | 1570 E | 2710 E | 5180 E | 7190 | 6560 | 5590 | 4910 | 5120 | 5190 | 7 |
| 8 | 3130 E | 2820 E | 2300 E | 1560 E | 2780 E | 5280 E | 7210 | 6410 | 5540 | 4940 | 5150 | 5180 | 8 |
| 9 | 3120 E | 2810 E | 2270 E | 1540 E | 2860 E | 5370 E | 7210 | 6390 | 5540 | 4860 | 5100 | 5180 | 9 |
| 10 | 3110 E | 2800 E | 2250 E | 1530 E | 2940 E | 5470 E | 7190 | 6490 | 5510 | 4710 | 5180 | 5240 | 10 |
| 11 | 3100 E | 2790 E | 2230 E | 1520 E | 3020 E | 5560 E | 7210 | 6490 | 5480 | 4790 | 5210 | 5250 | 11 |
| 12 | 3090 E | 2780 E | 2210 E | 1510 A | 3090 E | 5660 A | 7210 | 6410 | 5440 | 4800 | 5160 | 5250 | 12 |
| 13 | 3080 E | 2760 E | 2190 E | 1520 E | 3160 E | 5800 E | 7190 | 6390 | 5410 | 4820 | 5190 | 5240 | 13 |
| 14 | 3070 E | 2750 E | 2170 E | 1540 E | 3230 E | 5900 E | 7220 | 6370 | 5410 | 4830 | 5300 | 5220 | 14 |
| 15 | 3060 E | 2740 E | 2150 E | 1560 E | 3300 E | 6000 E | 7190 | 6320 | 5410 | 4800 | 5350 | 5180 | 15 |
| 16 | 3050 E | 2730 E | 2120 E | 1580 E | 3370 E | 6100 E | 7140 | 6300 | 5410 | 4790 | 5380 | 5210 | 16 |
| 17 | 3040 E | 2720 E | 2090 E | 1600 E | 3440 E | 6200 E | 7100 | 6280 | 5380 | 4760 | 5380 | 5190 | 17 |
| 18 | 3030 E | 2710 E | 2060 E | 1620 E | 3520 E | 6250 E | 7080 | 6260 | 5330 | 4740 | 5380 | 5180 | 18 |
| 19 | 3020 E | 2700 E | 2030 E | 1640 E | 3590 E | 6300 E | 7060 | 6260 | 5280 | 4760 | 5380 | 5160 | 19 |
| 20 | 3010 E | 2690 E | 2000 E | 1660 E | 3660 E | 6400 E | 7060 | 6260 | 5250 | 4730 | 5380 | 5150 | 20 |
| 21 | 3000 E | 2680 A | 1970 E | 1690 E | 3730 E | 6500 E | 7080 | 6240 | 5250 | 4730 | 5400 | 5150 | 21 |
| 22 | 2990 E | 2660 E | 1940 E | 1720 E | 3800 E | 6590 E | 7080 | 6220 | 5240 | 4730 | 5400 | 5100 | 22 |
| 23 | 2980 E | 2630 E | 1910 E | 1760 E | 3870 E | 6620 E | 7050 | 6190 | 5240 | 4730 | 5380 | 5030 | 23 |
| 24 | 2970 E | 2610 E | 1880 E | 1810 E | 3940 E | 6750 E | 7010 | 6150 | 5190 | 4760 | 5360 | 5010 | 24 |
| 25 | 2960 E | 2590 E | 1850 E | 1860 E | 4010 E | 6790 E | 6950 | 6100 | 5160 | 4740 | 5350 | 5000 | 25 |
| 26 | 2950 E | 2560 E | 1830 E | 1930 E | 4080 E | 6830 E | 6930 | 6060 | 5130 | 4760 | 5350 | 4940 | 26 |
| 27 | 2940 E | 2540 E | 1800 E | 1990 E | 4150 E | 6870 E | 6900 | 6040 | 5130 | 4760 | 5330 | 4920 | 27 |
| 28 | 2930 E | 2520 E | 1780 E | 2050 E | 4220 E | 6900 A | 6840 | 6080 | 5090 | 4800 | 5300 | 5000 | 28 |
| 29 | 2920 E | 2490 E | 1750 E | 2110 E | 4290 E | 6900 | 6800 | 6080 | 5100 | 4860 | 5300 | 5040 | 29 |
| 30 | 2910 E | 2470 E | 1730 E | 2220 E | 4360 E | 6930 | 6740 | 6070 | 5070 | 4890 | 5280 | 5060 | 30 |
| 31 | 2900 E | 2450 E | 1700 E | | 4430 E | | 6700 | 5950 | | 4910 | | 5030 | 31 |
| TOTAL | 94460 | 79100 | 64970 | 50880 | 104240 | 177960 | 218640 | 195970 | 162110 | 149770 | 157350 | 159490 | TOTAL |
| MEAN | 3050 | 2730 | 2100 | 1700 | 3360 | 5930 | 7050 | 6320 | 5400 | 4830 | 5250 | 5140 | MEAN |
| AC-FT | 187000 | 157000 | 129000 | 101000 | 207000 | 353000 | 434000 | 389000 | 322000 | 297000 | 312000 | 316000 | AC-FT |
| MAX | 3180 | 2890 | 2470 | 2220 | 4430 | 6930 | 7220 | 6680 | 5930 | 5070 | 5400 | 5250 | MAX |
| MIN | 2900 | 2490 | 1700 | 1510 | 2280 | 4500 | 6700 | 5950 | 5070 | 4710 | 4950 | 4920 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 4410 CFS
 TOTAL DISCHARGE, 3200000 AC-FT
 MAXIMUM DAILY DISCHARGE, 7220 CFS ON JUL 14
 MINIMUM DAILY DISCHARGE, 1510 CFS ON APR 12

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 38 50 N
 LONG 111 56 35 W
 DRAINAGE AREA 23900 SQ MILES

A-MANUAL GAUGE
 E-ESTIMATED
 NATURAL FLOW

NORTHWEST TERRITORIES

THELON RIVER ABOVE BEVERLY LAKE - STATION NO. 06JC002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|-------|-------|-------|---------|-------|--------|---------|--------|--------|-------|-------|
| 1 | 1250 B | 1000 B | 700 B | 475 B | 425 B | 740 B | ---- | 10100 | 8410 | 3300 E | 1000 B | 750 B | 1 |
| 2 | 1250 B | 1000 B | 700 B | 425 B | 435 B | 760 B | ---- | 10100 | 8310 | 3000 E | 1000 B | 750 B | 2 |
| 3 | 1250 B | 1000 B | 700 B | 400 B | 445 B | 780 B | ---- | 9890 | 8080 | 2800 E | 1000 B | 750 B | 3 |
| 4 | 1250 B | 1000 B | 680 B | 375 B | 455 B | 800 B | ---- | 9870 | 7800 | 2700 E | 1000 B | 750 B | 4 |
| 5 | 1250 B | 1000 B | 680 B | 350 B | 465 B | 820 B | ---- | 9830 | 8730 | 2550 E | 1000 B | 750 B | 5 |
| 6 | 1250 B | 1000 B | 680 B | 325 B | 475 B | 840 B | ---- | 9690 | 8450 | 2500 E | 1000 B | 700 B | 6 |
| 7 | 1200 B | 1000 B | 650 B | 300 B | 480 B | 860 B | ---- | 9620 | 8490 | 2490 E | 1000 B | 700 B | 7 |
| 8 | 1200 B | 1000 B | 650 B | 275 B | 490 B | 880 B | ---- | 9400 | 9170 | 2250 E | 1000 B | 700 B | 8 |
| 9 | 1200 B | 1000 B | 600 B | 250 B | 510 B | 900 B | 21500 | 9150 | 10100 | 2200 E | 1000 B | 650 B | 9 |
| 10 | 1200 B | 990 B | 600 B | 230 B | 520 B | 920 B | 21000 | 8830 | 11200 | 2000 E | 1000 B | 650 B | 10 |
| 11 | 1200 B | 990 B | 575 B | 216 B | 530 B | 940 B | 20200 | 8970 | 11000 E | 2000 E | 1000 B | 650 B | 11 |
| 12 | 1200 B | 990 B | 575 B | 230 B | 540 B | 960 B | 19600 | 8810 | 10500 E | 1980 E | 1000 B | 590 B | 12 |
| 13 | 1200 B | 980 B | 575 B | 240 B | 546 B | 980 B | 18800 | 8570 | 9800 E | 1800 E | 900 B | 590 B | 13 |
| 14 | 1200 B | 970 B | 550 B | 250 B | 550 B | 1000 B | 17900 | 8510 | 9250 E | 1750 E | 900 B | 590 B | 14 |
| 15 | 1200 B | 960 B | 550 B | 260 B | 560 B | 2100 B | 17000 | 8670 | 8750 E | 1700 E | 900 B | 590 B | 15 |
| 16 | 1150 B | 950 B | 550 B | 270 B | 570 B | 3200 B | 16700 | 8930 | 8250 E | 1600 E | 900 B | 590 B | 16 |
| 17 | 1150 B | 950 B | 550 B | 280 B | 580 B | 4300 B | 16200 | 9110 | 7500 E | 1500 E | 900 B | 590 B | 17 |
| 18 | 1150 B | 940 B | 500 B | 290 B | 590 B | 5400 B | 15000 | 9030 | 7250 E | 1450 E | 900 B | 590 B | 18 |
| 19 | 1150 B | 920 B | 500 B | 300 B | 600 B | 6500 B | 14900 | 8970 | 6750 E | 1400 E | 900 B | 590 B | 19 |
| 20 | 1150 B | 900 B | 500 B | 310 B | 610 B | 7600 B | 14600 | 9150 | 6400 E | 1300 E | 900 B | 590 B | 20 |
| 21 | 1100 B | 870 B | 500 B | 320 B | 620 B | 8700 B | 14500 | 9130 | 6200 E | 1250 E | 900 B | 500 B | 21 |
| 22 | 1100 B | 850 B | 500 B | 330 B | 630 B | 9800 B | 14100 | 9190 | 5750 E | 1200 E | 900 B | 500 B | 22 |
| 23 | 1100 B | 810 B | 500 B | 340 B | 640 B | 10900 B | 13700 | 9110 | 5500 E | 1200 E | 800 B | 500 B | 23 |
| 24 | 1100 B | 780 B | 500 B | 355 B | 650 B | 12000 B | 13300 | 9210 | 5150 E | 1100 E | 800 B | 500 B | 24 |
| 25 | 1100 B | 750 B | 500 B | 360 B | 660 B | 13100 B | 12900 | 9110 | 4800 E | 1100 E | 800 B | 500 B | 25 |
| 26 | 1000 B | 750 B | 500 B | 375 B | 670 B | 14200 B | 12500 | 9330 | 4750 E | 1100 E | 800 B | 500 B | 26 |
| 27 | 1000 B | 700 B | 500 B | 385 B | 680 B | 15300 B | 11900 | 9170 | 4300 E | 1100 E | 750 B | 500 B | 27 |
| 28 | 1000 B | 700 B | 500 B | 385 B | 690 B | 16400 B | 11500 | 9010 | 3900 E | 1100 E | 750 B | 500 B | 28 |
| 29 | 1000 B | 700 B | 500 B | 404 B | 700 B | 17500 B | 10900 | 8870 | 3750 E | 1100 E | 750 B | 500 B | 29 |
| 30 | 1000 B | | 500 B | 415 B | 710 B | 19700 B | 10500 | 8750 | 3500 E | 1000 E | 750 B | 500 B | 30 |
| 31 | 1000 B | | 500 B | 720 B | | | 10400 | 8650 | | 1000 E | | 500 B | 31 |
| TOTAL | 35550 | 26450 | 17565 | 9720 | 17746 | 178880 | --- | 284730 | 221790 | 54520 | 27200 | 18610 | TOTAL |
| MEAN | 1150 | 912 | 567 | 324 | 572 | 5960 | --- | 9180 | 7390 | 1760 | 907 | 600 | MEAN |
| AC-FT | 70500 | 52500 | 34800 | 19300 | 35200 | 355000 | --- | 565000 | 440000 | 108000 | 54000 | 36900 | AC-FT |
| MAX | 1250 | 1000 | 700 | 475 | 720 | 19700 | --- | 10100 | 11200 | 3300 | 1000 | 750 | MAX |
| MIN | 1000 | 700 | 500 | 216 | 425 | 740 | --- | 8510 | 3500 | 1000 | 750 | 500 | MIN |

SUMMARY FOR THE YEAR 1972

MINIMUM DAILY DISCHARGE, 216 CFS ON APR 11

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 64 32 10 N
 LONG 101 23 50 W
 DRAINAGE AREA 22800 SQ MILES

B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

THOA RIVER NEAR INLET TO HILL ISLAND LAKE - STATION NO. 07QC003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 1 | 460 E | 283 B | 220 B | 216 B | 260 | 3500 | 3780 E | 1990 E | 1290 | 1260 | 1140 | 982 | 1 |
| 2 | 454 E | 278 B | 216 B | 218 B | 265 | 3410 | 3730 E | 1940 E | 1280 | 1250 | 1140 | 964 | 2 |
| 3 | 445 E | 276 B | 214 B | 220 B | 278 | 3310 | 3670 E | 1880 E | 1280 | 1240 | 1150 | 952 | 3 |
| 4 | 438 E | 276 B | 214 B | 218 B | 294 | 3260 | 3610 E | 1820 E | 1280 | 1250 | 1140 | 942 | 4 |
| 5 | 428 A | 273 B | 214 B | 220 B | 312 | 3190 | 3550 E | 1760 E | 1270 | 1240 | 1140 | 927 | 5 |
| 6 | 428 A | 270 B | 214 B | 220 B | 328 | 3150 | 3500 E | 1700 E | 1260 | 1230 | 1130 | 917 | 6 |
| 7 | 422 B | 268 B | 214 B | 220 B | 361 | 3130 | 3440 E | 1650 E | 1260 | 1230 | 1130 | 907 | 7 |
| 8 | 418 B | 265 B | 212 B | 220 B | 406 | 3110 | 3380 E | 1590 E | 1260 | 1230 | 1130 | 892 | 8 |
| 9 | 412 B | 263 B | 212 B | 218 B | 460 | 3060 | 3320 E | 1530 A | 1260 | 1220 | 1110 | 877 | 9 |
| 10 | 409 B | 260 B | 209 B | 220 B | 536 | 3070 | 3260 E | 1530 | 1260 | 1220 | 1110 | 867 | 10 |
| 11 | 402 B | 258 B | 209 B | 218 B | 624 | 3080 | 3210 E | 1500 | 1260 | 1210 | 1100 | 852 | 11 |
| 12 | 393 B | 253 B | 209 B | 216 B | 732 | 3100 | 3150 E | 1490 | 1270 | 1210 | 1100 | 832 | 12 |
| 13 | 383 B | 251 B | 209 B | 216 B | 867 | 3200 | 3090 E | 1470 | 1280 | 1210 | 1100 | 822 | 13 |
| 14 | 374 B | 249 B | 209 B | 216 B | 1050 | 3220 | 3030 E | 1460 | 1280 | 1210 | 1090 | 812 | 14 |
| 15 | 364 B | 247 B | 207 B | 216 B | 1290 | 3280 | 2980 E | 1430 | 1290 | 1200 | 1090 | 802 | 15 |
| 16 | 359 B | 245 B | 207 B | 214 B | 1620 | 3340 | 2920 E | 1440 | 1310 | 1200 | 1080 | 792 | 16 |
| 17 | 356 B | 242 B | 209 B | 214 B | 2070 | 3440 | 2860 E | 1420 | 1320 | 1190 | 1080 | 782 | 17 |
| 18 | 351 B | 240 B | 209 B | 214 B | 2580 | 3570 | 2800 E | 1410 | 1320 | 1190 | 1080 | 777 | 18 |
| 19 | 346 B | 238 B | 214 B | 212 B | 3000 | 3780 | 2740 E | 1410 | 1320 | 1190 | 1070 | 767 | 19 |
| 20 | 346 B | 236 B | 212 B | 209 B | 3330 | 3960 | 2690 E | 1400 | 1320 | 1190 | 1070 | 762 | 20 |
| 21 | 335 B | 234 B | 214 B | 209 B | 3540 | 4080 A | 2630 E | 1390 | 1320 | 1190 | 1070 | 757 | 21 |
| 22 | 330 B | 229 B | 212 B | 214 B | 3650 | 4140 E | 2570 E | 1380 | 1310 | 1170 | 1060 | 752 | 22 |
| 23 | 322 B | 227 B | 212 B | 220 B | 3750 | 4140 A | 2510 E | 1370 | 1290 | 1180 | 1060 | 737 | 23 |
| 24 | 317 B | 227 B | 214 B | 220 B | 3790 | 4140 | 2460 E | 1360 | 1290 | 1190 | 1050 | 732 | 24 |
| 25 | 312 B | 223 B | 214 B | 225 B | 3840 | 4050 | 2400 E | 1340 | 1290 | 1190 | 1040 | 722 | 25 |
| 26 | 307 B | 223 B | 216 B | 229 B | 3840 | 3970 | 2340 E | 1320 | 1290 | 1170 | 1040 | 717 | 26 |
| 27 | 302 B | 223 B | 214 B | 231 B | 3820 | 3910 | 2280 E | 1310 | 1280 | 1170 | 1020 | 707 | 27 |
| 28 | 296 B | 223 B | 214 B | 238 | 3800 | 3960 A | 2220 E | 1300 | 1280 | 1190 | 1020 | 702 | 28 |
| 29 | 291 B | 220 B | 214 B | 242 | 3710 | 3900 E | 2170 E | 1290 | 1270 | 1170 | 1010 | 692 | 29 |
| 30 | 288 B | | 212 B | 256 | 3650 | 3840 E | 2110 E | 1290 | 1260 | 1170 | 988 | 687 | 30 |
| 31 | 286 B | | 214 B | | 3550 | | 2050 E | 1290 | | 1170 | | 682 | 31 |
| TOTAL | 11374 | 7200 | 6583 | 6619 | 61603 | 106290 | 90450 | 46460 | 38550 | 37330 | 32538 | 25114 | TOTAL |
| MEAN | 367 | 248 | 212 | 221 | 1990 | 3540 | 2920 | 1500 | 1290 | 1200 | 1080 | 810 | MEAN |
| AC-FT | 22600 | 14300 | 13100 | 13100 | 122000 | 211000 | 179000 | 92200 | 76500 | 74000 | 64500 | 49800 | AC-FT |
| MAX | 460 | 283 | 220 | 256 | 3840 | 4140 | 3780 | 1990 | 1320 | 1260 | 1150 | 982 | MAX |
| MIN | 286 | 220 | 207 | 209 | 260 | 3060 | 2050 | 1290 | 1260 | 1170 | 988 | 682 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1280 CFS
 TOTAL DISCHARGE, 932000 AC-FT
 MAXIMUM DAILY DISCHARGE, 4140 CFS ON JUN 22
 MINIMUM DAILY DISCHARGE, 207 CFS ON MAR 15

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 30 00 N
 LONG 109 39 00 W
 DRAINAGE AREA 3720 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

MAXIMUM INSTANTANEOUS DISCHARGE
 4140 CFS ON JUN 22

NORTHWEST TERRITORIES

TREE RIVER NEAR THE MOUTH - STATION NO. 10QA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-------|-------|-------|-----|--------|--------|--------|--------|-----|-----|-------|
| 1 | --- | --- | --- | 368 B | 239 B | --- | --- | 3240 | 1870 | 1240 B | --- | --- | 1 |
| 2 | --- | --- | --- | 363 B | 235 B | --- | --- | 3170 | 1860 | 1270 B | --- | --- | 2 |
| 3 | --- | --- | --- | 359 B | --- | --- | --- | 3130 | 1830 | 1260 B | --- | --- | 3 |
| 4 | --- | --- | --- | 355 B | --- | --- | --- | 3090 | 1790 | 1200 B | --- | --- | 4 |
| 5 | --- | --- | --- | 350 B | --- | --- | --- | 3010 | 1760 | 1070 B | --- | --- | 5 |
| 6 | --- | --- | --- | 346 B | --- | --- | --- | 2930 | 1730 | --- | --- | --- | 6 |
| 7 | --- | --- | --- | 342 B | --- | --- | --- | 2870 | 1700 | --- | --- | --- | 7 |
| 8 | --- | --- | --- | 338 B | --- | --- | --- | 2790 | 1690 | --- | --- | --- | 8 |
| 9 | --- | --- | --- | 333 B | --- | --- | --- | 2740 | 1660 | --- | --- | --- | 9 |
| 10 | --- | --- | --- | 329 B | --- | --- | 5330 A | 2720 | 1640 E | --- | --- | --- | 10 |
| 11 | --- | --- | --- | 325 B | --- | --- | 5300 | 2660 | 1610 E | --- | --- | --- | 11 |
| 12 | --- | --- | 453 B | 321 B | --- | --- | 5230 | 2600 | 1600 E | --- | --- | --- | 12 |
| 13 | --- | --- | 449 B | 316 B | --- | --- | 5130 | 2550 | 1570 E | --- | --- | --- | 13 |
| 14 | --- | --- | 444 B | 312 B | --- | --- | 5040 | 2500 | 1550 | --- | --- | --- | 14 |
| 15 | --- | --- | 440 B | 308 B | --- | --- | 4900 | 2470 | 1530 | --- | --- | --- | 15 |
| 16 | --- | --- | 436 B | 303 B | --- | --- | 4790 | 2420 | 1500 | --- | --- | --- | 16 |
| 17 | --- | --- | 432 B | 299 B | --- | --- | 4700 | 2370 | 1490 | --- | --- | --- | 17 |
| 18 | --- | --- | 427 B | 295 B | --- | --- | 4600 | 2320 | 1470 | --- | --- | --- | 18 |
| 19 | --- | --- | 423 B | 291 B | --- | --- | 4470 | 2270 | 1460 | --- | --- | --- | 19 |
| 20 | --- | --- | 419 B | 286 B | --- | --- | 4350 | 2240 | 1440 | --- | --- | --- | 20 |
| 21 | --- | --- | 415 B | 282 B | --- | --- | 4240 | 2210 | 1420 | --- | --- | --- | 21 |
| 22 | --- | --- | 410 B | 278 B | --- | --- | 4180 | 2160 | 1400 | --- | --- | --- | 22 |
| 23 | --- | --- | 406 B | 273 B | --- | --- | 4090 | 2130 | 1380 | --- | --- | --- | 23 |
| 24 | --- | --- | 402 B | 269 B | --- | --- | 4020 | 2100 | 1370 | --- | --- | --- | 24 |
| 25 | --- | --- | 397 B | 265 B | --- | --- | 3930 | 2060 | 1350 | --- | --- | --- | 25 |
| 26 | --- | --- | 393 B | 261 B | --- | --- | 3820 | 2040 | 1340 | --- | --- | --- | 26 |
| 27 | --- | --- | 389 B | 256 B | --- | --- | 3700 | 2000 | 1330 | --- | --- | --- | 27 |
| 28 | --- | --- | 385 B | 252 B | --- | --- | 3600 | 1970 | 1310 | --- | --- | --- | 28 |
| 29 | --- | --- | 380 B | 248 B | --- | --- | 3500 | 1930 | 1280 | --- | --- | --- | 29 |
| 30 | --- | --- | 376 B | 244 B | --- | --- | 3410 | 1900 | 1270 B | --- | --- | --- | 30 |
| 31 | --- | --- | 372 B | --- | --- | --- | 3300 | 1870 | --- | --- | --- | --- | 31 |
| TOTAL | --- | --- | --- | 9167 | --- | --- | --- | 76460 | 46200 | --- | --- | --- | TOTAL |
| MEAN | --- | --- | --- | 306 | --- | --- | --- | 2470 | 1540 | --- | --- | --- | MEAN |
| AC-FT | --- | --- | --- | 18200 | --- | --- | --- | 152000 | 91600 | --- | --- | --- | AC-FT |
| MAX | --- | --- | --- | 368 | --- | --- | --- | 3240 | 1870 | --- | --- | --- | MAX |
| MIN | --- | --- | --- | 244 | --- | --- | --- | 1870 | 1270 | --- | --- | --- | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 67 38 10 N
 LONG 111 53 30 W
 DRAINAGE AREA 2300 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

TROUT RIVER AT FORT SIMPSON HIGHWAY - STATION NO. 10FA002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|--------|--------|-----|--------|--------|--------|-------|-------|-------|--------|--------|-------|
| 1 | 4.3 B | 2.5 B | 0.30 B | 0 B | --- | 5310 | 2880 | 1370 | 666 | 318 | 130 B | 19.0 B | 1 |
| 2 | 4.3 B | 2.4 B | 0.30 B | 0 B | --- | 6920 | 2850 | 1400 | 645 | 314 | 128 B | 18.0 B | 2 |
| 3 | 4.3 B | 2.3 B | 0.20 B | 0 B | --- | 7180 | 2770 | 1300 | 604 | 330 | 124 B | 17.0 B | 3 |
| 4 | 4.2 B | 2.2 B | 0.10 B | 0 B | --- | 7350 | 2680 | 1210 | 514 | 544 | 112 B | 16.0 B | 4 |
| 5 | 4.2 B | 2.2 B | 0.10 B | 0 B | --- | 7030 | 2630 | 1240 | 532 | 378 | 100 B | 15.5 B | 5 |
| 6 | 4.2 B | 2.1 B | 0 B | 0 B | --- | 6890 | 2530 | 1330 | 490 | 274 | 86.0 B | 15.0 B | 6 |
| 7 | 4.1 B | 2.0 B | 0 B | 0 B | --- | 7560 | 2490 | 1220 | 490 | 390 | 72.0 B | 14.5 B | 7 |
| 8 | 4.1 B | 2.0 B | 0 B | 0 B | --- | 7800 | 2390 | 1150 | 532 | 322 A | 62.0 B | 14.0 B | 8 |
| 9 | 4.1 B | 1.9 B | 0 B | 0 B | --- | 7740 | 2210 | 1110 | 526 | 288 B | 58.0 B | 13.5 B | 9 |
| 10 | 4.0 B | 1.8 B | 0 B | 0 B | --- | 7410 | 2200 | 1010 | 485 | 244 B | 50.0 B | 13.0 B | 10 |
| 11 | 4.0 B | 1.7 B | 0 B | 0 B | --- | 7150 | 2150 | 954 | 430 | 220 B | 48.0 B | 12.8 B | 11 |
| 12 | 3.9 B | 1.7 B | 0 B | 0 B | --- | 6640 | 2100 | 978 | 470 | 208 B | 46.0 B | 12.6 B | 12 |
| 13 | 3.9 B | 1.6 B | 0 B | 0 B | --- | 6180 | 2010 | 970 | 420 | 200 B | 44.0 B | 12.4 B | 13 |
| 14 | 3.8 B | 1.5 B | 0 B | 0 B | --- | 6010 | 1890 | 954 | 480 | 192 B | 42.0 B | 12.2 B | 14 |
| 15 | 3.7 B | 1.4 B | 0 B | 0 B | --- | 5830 | 1910 | 922 | 465 | 186 B | 41.0 B | 12.0 B | 15 |
| 16 | 3.6 B | 1.4 B | 0 B | 0 B | --- | 5550 | 1890 | 930 | 440 | 180 B | 40.0 B | 11.6 B | 16 |
| 17 | 3.6 B | 1.3 B | 0 B | 0 B | --- | 5230 | 1780 A | 869 | 374 | 174 B | 38.0 B | 11.2 B | 17 |
| 18 | 3.5 B | 1.2 B | 0 B | 0 B | 8290 A | 5000 | 1520 A | 827 | 378 | 168 B | 37.0 B | 10.8 B | 18 |
| 19 | 3.4 B | 1.2 B | 0 B | 0 B | 7920 | 4890 | 1510 | 778 | 386 | 164 B | 36.0 B | 10.4 B | 19 |
| 20 | 3.3 B | 1.1 B | 0 B | --- | 7560 | 4630 | 1450 | 778 | 366 | 160 B | 34.0 B | 10.0 B | 20 |
| 21 | 3.3 B | 1.0 B | 0 B | --- | 7230 | 4350 | 1400 | 827 | 354 | 158 B | 32.0 B | 9.8 B | 21 |
| 22 | 3.2 B | 0.90 B | 0 B | --- | 6920 | 4170 | 1400 | 834 | 374 | 156 B | 31.0 B | 9.6 B | 22 |
| 23 | 3.1 B | 0.90 B | 0 B | --- | 6780 | 3990 | 1330 | 820 | 314 A | 152 B | 30.0 B | 9.4 B | 23 |
| 24 | 3.1 B | 0.80 B | 0 B | --- | 6670 | 3910 | 1320 | 799 | 294 A | 150 B | 28.0 B | 9.2 B | 24 |
| 25 | 3.0 B | 0.70 B | 0 B | --- | 6580 | 3720 | 1260 | 764 | 415 | 148 B | 27.0 B | 9.0 B | 25 |
| 26 | 2.9 B | 0.60 B | 0 B | --- | 6390 | 3670 | 1350 | 827 | 350 | 144 B | 26.0 B | 8.8 B | 26 |
| 27 | 2.8 B | 0.60 B | 0 B | --- | 6120 | 3650 | 1410 | 806 | 302 | 142 B | 24.0 B | 8.6 B | 27 |
| 28 | 2.8 B | 0.50 B | 0 B | --- | 5880 | 3430 | 1410 | 736 | 470 | 140 B | 23.0 B | 8.4 B | 28 |
| 29 | 2.7 B | 0.40 B | 0 B | --- | 5750 | 3330 | 1470 | 680 | 310 A | 138 B | 21.0 B | 8.2 B | 29 |
| 30 | 2.6 B | --- | 0 B | --- | 5580 | 3070 | 1350 | 638 | 366 | 136 B | 20.0 B | 8.1 B | 30 |
| 31 | 2.5 B | --- | 0 B | --- | 5450 | --- | 1390 | 645 | --- | 132 B | --- | 8.0 B | 31 |
| TOTAL | 110.5 | 41.90 | 1.00 | --- | --- | 165590 | 58930 | 29676 | 13242 | 6850 | 1590.0 | 368.6 | TOTAL |
| MEAN | 3.6 | 1.4 | 0.03 | --- | --- | 5520 | 1900 | 957 | 441 | 221 | 53.0 | 11.9 | MEAN |
| AC-FT | 219 | 83.1 | 2.0 | --- | --- | 328000 | 117000 | 58900 | 26300 | 13600 | 3150 | 731 | AC-FT |
| MAX | 4.3 | 2.5 | 0.30 | --- | --- | 7800 | 2880 | 1400 | 666 | 544 | 130 | 19.0 | MAX |
| MIN | 2.5 | 0.40 | 0 | --- | --- | 3070 | 1260 | 638 | 294 | 132 | 20.0 | 8.0 | MIN |

SUMMARY FOR THE YEAR 1972

MINIMUM DAILY DISCHARGE, 0 CFS ON MAR 6

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 08 00 N
 LONG 119 49 30 W
 DRAINAGE AREA 3510 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 NATURAL FLOW

NORTHWEST TERRITORIES

WILLOWLAKE RIVER NEAR THE MOUTH - STATION NO. 10GB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|---------|--------|--------|-------|-------|-------|-------|-------|-------|
| 1 | 163 B | 156 B | 143 B | 129 B | 170 B | 15900 | 6120 | 2730 | 755 | 734 | 495 B | 314 B | 1 |
| 2 | 163 B | 156 B | 143 B | 128 B | 190 B | 14700 | 6570 | 2560 | 932 | 702 | 485 B | 310 B | 2 |
| 3 | 163 B | 156 B | 142 B | 128 B | 210 B | 13500 | 6460 | 2560 | 1400 | 696 | 479 B | 306 B | 3 |
| 4 | 163 B | 156 B | 142 B | 127 B | 235 B | 12600 | 5870 | 2500 | 1320 | 690 | 465 B | 301 B | 4 |
| 5 | 163 B | 155 B | 141 B | 127 B | 260 B | 11600 | 5230 | 2370 | 1230 | 672 | 460 B | 299 B | 5 |
| 6 | 162 B | 155 B | 141 B | 126 B | 300 B | 10700 | 4630 | 2280 | 1150 | 678 | 453 B | 295 B | 6 |
| 7 | 162 B | 154 B | 140 B | 126 B | 350 B | 9940 | 4140 | 2220 | 1060 | 650 | 445 B | 290 B | 7 |
| 8 | 162 B | 154 B | 140 B | 125 B | 410 B | 9200 | 3870 | 2070 | 1000 | 530 | 440 B | 287 B | 8 |
| 9 | 162 B | 153 B | 140 B | 125 B | 520 B | 8540 | 3620 | 1950 | 972 | 420 A | 430 B | 282 B | 9 |
| 10 | 162 B | 153 B | 139 B | 125 B | 640 B | 8000 | 3350 | 1900 | 932 | 405 B | 425 B | 279 B | 10 |
| 11 | 161 B | 152 B | 139 B | 125 B | 780 B | 7430 | 3090 | 1880 | 900 | 395 B | 418 B | 274 B | 11 |
| 12 | 161 B | 152 B | 138 B | 125 B | 950 B | 7000 | 2890 | 1880 | 860 | 390 B | 410 B | 272 B | 12 |
| 13 | 161 B | 151 B | 138 B | 127 B | 1200 B | 6570 | 2670 | 1870 | 846 | 390 B | 402 B | 269 B | 13 |
| 14 | 161 B | 151 B | 137 B | 125 B | 1700 B | 6170 | 2450 | 1780 | 818 | 390 B | 399 B | 266 B | 14 |
| 15 | 160 B | 150 B | 137 B | 125 B | 2000 B | 5770 | 2270 | 1650 | 818 | 395 B | 392 B | 263 B | 15 |
| 16 | 160 B | 150 B | 136 B | 125 B | 2500 B | 5410 | 2150 | 1520 | 818 | 400 B | 388 B | 260 B | 16 |
| 17 | 160 B | 149 B | 136 B | 125 B | 3000 B | 5120 | 2010 | 1390 | 839 | 405 B | 381 B | 257 B | 17 |
| 18 | 160 B | 149 B | 135 B | 125 B | 4000 B | 4800 | 1900 | 1280 | 908 | 415 B | 378 B | 254 B | 18 |
| 19 | 159 B | 148 B | 135 B | 125 B | 5500 B | 4500 | 1760 | 1220 | 956 | 420 B | 370 B | 252 B | 19 |
| 20 | 159 B | 148 B | 134 B | 125 B | 7300 B | 4250 | 1760 | 1170 | 956 | 440 B | 367 B | 250 B | 20 |
| 21 | 159 B | 148 B | 134 B | 125 B | 11000 B | 4020 | 1610 | 1120 | 964 | 445 B | 360 B | 248 B | 21 |
| 22 | 159 B | 147 B | 133 B | 126 B | 13000 B | 3830 | 2010 | 1060 | 972 | 460 B | 356 B | 245 B | 22 |
| 23 | 158 B | 147 B | 133 B | 127 B | 15000 B | 3630 | 3220 | 1020 | 972 | 475 B | 350 B | 241 B | 23 |
| 24 | 158 B | 146 B | 133 B | 128 B | 17000 B | 3460 | 4500 | 964 | 948 | 490 B | 346 B | 238 B | 24 |
| 25 | 158 B | 146 B | 132 B | 129 B | 19000 B | 3320 | 4890 | 892 | 916 | 500 B | 340 B | 235 B | 25 |
| 26 | 158 B | 145 B | 132 B | 130 B | 21000 B | 3210 | 1370 | 832 | 892 | 510 B | 336 B | 232 B | 26 |
| 27 | 157 B | 145 B | 131 B | 135 B | 20500 | 3290 | 1020 | 790 | 839 | 512 B | 331 B | 230 B | 27 |
| 28 | 157 B | 144 B | 131 B | 140 B | 20000 | 3440 | 3840 | 769 | 818 | 515 B | 328 B | 226 B | 28 |
| 29 | 157 B | 144 B | 130 B | 145 B | 19400 A | 3450 | 3750 | 748 | 783 | 512 B | 322 B | 223 B | 29 |
| 30 | 157 B | 144 B | 130 B | 155 B | 18300 | 4650 | 3510 | 741 | 748 | 510 B | 319 B | 220 B | 30 |
| 31 | 156 B | 144 B | 129 B | 17100 | 17100 | 3080 | 3080 | 734 | 734 | 500 B | 318 B | 218 B | 31 |
| TOTAL | 4961 | 4360 | 4224 | 3856 | 223515 | 208000 | 105610 | 48450 | 28322 | 15646 | 11870 | 8136 | TOTAL |
| MEAN | 160 | 150 | 136 | 129 | 7210 | 6930 | 3410 | 1560 | 944 | 505 | 396 | 262 | MEAN |
| AC-FT | 9840 | 8650 | 8380 | 7650 | 443000 | 413000 | 209000 | 96100 | 56200 | 31000 | 23500 | 16100 | AC-FT |
| MAX | 163 | 156 | 143 | 155 | 21000 | 15900 | 6570 | 2730 | 1400 | 734 | 495 | 314 | MAX |
| MIN | 156 | 144 | 129 | 125 | 170 | 3210 | 1020 | 734 | 748 | 390 | 319 | 218 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1820 CFS
 TOTAL DISCHARGE, 1320000 AC-FT
 MAXIMUM DAILY DISCHARGE, 21000 CFS ON MAY 26
 MINIMUM DAILY DISCHARGE, 125 CFS ON APR 8

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 39 10 N
 LONG 122 54 50 W
 DRAINAGE AREA 8330 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 NATURAL FLOW

YELLOWKNIFE RIVER AT INLET TO PROSPEROUS LAKE - STATION NO. 07SB003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|
| 1 | 1160 | 1000 | 1520 | 1100 | 730 | 1360 | 1360 | 1950 | 1780 | 1570 | 1440 | 1230 | 1 |
| 2 | 1160 | 1020 | 1540 | 1080 | 720 | 1390 | 1310 | 1950 | 1770 | 1570 | 1440 | 1240 | 2 |
| 3 | 1160 | 1010 | 1490 | 1060 | 630 | 1360 | 1360 | 1940 | 1750 | 1540 | 1410 | 1190 | 3 |
| 4 | 1160 | 990 | 1520 | 960 | 700 | 1380 | 1360 | 1940 | 1740 | 1530 | 1430 | 1200 | 4 |
| 5 | 1160 | 970 | 1520 | 900 | 690 | 1350 | 1390 | 1930 | 1730 | 1550 | 1430 | 1170 | 5 |
| 6 | 1190 | 960 | 1490 | 850 | 690 | 1370 | 1360 | 1900 | 1720 | 1520 | 1420 | 1190 | 6 |
| 7 | 1190 | 970 | 1470 | 800 | 680 | 1360 | 1360 | 1920 | 1700 | 1510 | 1420 | 1190 | 7 |
| 8 | 1160 | 950 | 1500 | 780 | 640 | 1330 | 1360 | 1910 | 1690 | 1440 | 1380 | 1150 | 8 |
| 9 | 1190 | 940 | 1450 | 770 | 680 | 1330 | 1360 | 1910 | 1680 | 1510 | 1410 | 1140 | 9 |
| 10 | 1160 | 960 | 1470 | 700 | 680 | 1360 | 1360 | 1910 | 1670 | 1500 | 1410 | 1070 | 10 |
| 11 | 1190 | 970 | 1420 | 750 | 680 | 1100 | 1360 | 1900 | 1640 | 1490 | 1360 | 1090 | 11 |
| 12 | 1130 | 1030 | 1410 | 720 | 690 | 1040 | 1360 | 1900 | 1660 | 1480 | 1380 | 1060 | 12 |
| 13 | 1190 | 1100 | 1430 | 720 | 700 | 1330 | 1390 | 1890 | 1660 | 1470 | 1380 | 1080 | 13 |
| 14 | 1190 | 1190 | 1390 | 720 | 720 | 1390 | 1390 | 1880 | 1650 | 1470 | 1340 | 1050 | 14 |
| 15 | 1130 | 1310 | 1390 | 720 | 710 | 1390 | 1450 | 1850 | 1650 | 1440 | 1370 | 1070 | 15 |
| 16 | 1190 | 1360 | 1380 | 750 | 800 | 1360 | 1480 | 1870 | 1650 | 1470 | 1360 | 1050 | 16 |
| 17 | 1160 | 1510 | 1380 | 750 | 870 | 1360 | 1540 | 1870 | 1650 | 1470 | 1360 | 1090 | 17 |
| 18 | 1190 | 1570 | 1380 | 720 | 940 | 1360 | 1540 | 1870 | 1650 | 1470 | 1330 | 1100 | 18 |
| 19 | 1160 | 1660 | 1410 | 720 | 1010 | 1360 | 1590 | 1860 | 1610 | 1470 | 1360 | 1070 | 19 |
| 20 | 1160 | 1690 | 1380 | 720 | 1050 | 1360 | 1620 | 1850 | 1640 | 1470 | 1360 | 1100 | 20 |
| 21 | 1190 | 1690 | 1380 | 720 | 1130 | 1360 | 1690 | 1850 | 1630 | 1470 | 1330 | 1100 | 21 |
| 22 | 1190 | 1690 | 1380 | 720 | 1190 | 1360 | 1720 | 1840 | 1630 | 1470 | 1350 | 1100 | 22 |
| 23 | 1130 | 1690 | 1380 | 720 | 1280 | 1360 | 1760 | 1840 | 1620 | 1440 | 1350 | 1070 | 23 |
| 24 | 1180 | 1640 | 1380 | 720 | 1230 | 1360 | 1810 | 1830 | 1610 | 1470 | 1320 | 1100 | 24 |
| 25 | 1180 | 1650 | 1380 | 720 | 1390 | 1360 | 1810 | 1820 | 1580 | 1470 | 1340 | 1100 | 25 |
| 26 | 1120 | 1630 | 1340 | 720 | 1360 | 1360 | 1850 | 1820 | 1600 | 1470 | 1330 | 1070 | 26 |
| 27 | 1120 | 1580 | 1340 | 720 | 1360 | 1360 | 1890 | 1810 | 1560 | 1470 | 1330 | 1100 | 27 |
| 28 | 1170 | 1590 | 1280 | 690 | 1390 | 1360 | 1910 | 1780 | 1580 | 1460 | 1290 | 1100 | 28 |
| 29 | 1100 | 1570 | 1220 | 690 | 1390 | 1390 | 1900 | 1800 | 1550 | 1450 | 1310 | 1110 | 29 |
| 30 | 1160 | 1190 | 1190 | 720 | 1360 | 1360 | 1940 | 1790 | 1570 | 1450 | 1290 | 1170 | 30 |
| 31 | 1160 | 1160 | 1160 | 1390 | 1390 | 1390 | 1950 | 1780 | 1440 | 1440 | 1220 | 1170 | 31 |
| TOTAL | 36080 | 37890 | 43370 | 23430 | 29480 | 39860 | 48530 | 57960 | 49620 | 46000 | 41030 | 34770 | TOTAL |
| MEAN | 1160 | 1310 | 1400 | 781 | 951 | 1330 | 1570 | 1870 | 1650 | 1480 | 1370 | 1120 | MEAN |
| AC-FT | 71600 | 75200 | 86000 | 46500 | 58500 | 79100 | 96300 | 115000 | 98400 | 91200 | 81400 | 69000 | AC-FT |
| MAX | 1190 | 1690 | 1540 | 1100 | 1390 | 1390 | 1950 | 1950 | 1780 | 1570 | 1440 | 1240 | MAX |
| MIN | 1100 | 940 | 1160 | 690 | 630 | 950 | 1310 | 1780 | 1550 | 1440 | 1290 | 1050 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1330 CFS
 TOTAL DISCHARGE, 968000 AC-FT
 MAXIMUM DAILY DISCHARGE, 1950 CFS ON JUL 31
 MINIMUM DAILY DISCHARGE, 630 CFS ON MAY 3

TYPE OF GAUGE - POWER PLANT
 LOCATION - LAT 62 40 10 N
 LONG 114 15 45 W

REGULATED SINCE 1941

DATA CONTRIBUTED BY -
 COMINCO LIMITED

YUKON TERRITORY

AISHIHIK LAKE NEAR WHITEHORSE - STATION NO. 08AA005

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-------|------|------|------|------|-------|-------|--------|--------|-------|------|------|-----|
| 1 | --- | 8.84 | 8.68 | 8.52 | 8.40 | 9.64 | 10.52 | 10.76 | --- | 10.17 | 9.80 | 9.44 | 1 |
| 2 | --- | 8.84 | 8.68 | 8.51 | 8.40 | 9.67 | 10.57 | 10.76 | --- | 10.08 | 9.79 | 9.41 | 2 |
| 3 | --- | 8.84 | 8.68 | 8.53 | 8.40 | 9.70 | 10.59 | 10.76 | --- | 10.15 | 9.78 | 9.42 | 3 |
| 4 | --- | 8.82 | 8.67 | 8.53 | 8.41 | 9.72 | 10.60 | 10.73 | --- | 10.11 | 9.75 | 9.40 | 4 |
| 5 | --- | 8.81 | 8.69 | 8.54 | 8.43 | 9.73 | 10.60 | 10.71 | --- | 10.07 | 9.72 | 9.39 | 5 |
| 6 | --- | 8.79 | 8.68 | 8.53 | 8.46 | 9.75 | 10.62 | 10.70 | --- | 10.11 | 9.70 | 9.39 | 6 |
| 7 | --- | 8.78 | 8.67 | 8.51 | 8.50 | 9.79 | 10.65 | 10.75 | --- | 10.15 | 9.69 | 9.38 | 7 |
| 8 | --- | 8.77 | 8.67 | 8.50 | 8.52 | 9.84 | 10.66 | 10.82 | --- | 10.11 | 9.69 | 9.35 | 8 |
| 9 | --- | 8.76 | 8.65 | 8.48 | 8.53 | 9.85 | 10.66 | 10.81 | --- | 10.03 | 9.65 | 9.35 | 9 |
| 10 | --- | 8.78 | 8.66 | 8.49 | 8.55 | 9.90 | 10.64 | 10.81 | --- | 9.99 | 9.65 | 9.35 | 10 |
| 11 | --- | 8.77 | 8.70 | 8.50 | 8.59 | 9.96 | 10.66 | 10.78 | --- | 9.97 | 9.62 | 9.35 | 11 |
| 12 | --- | 8.77 | 8.69 | 8.45 | 8.65 | 9.98 | 10.66 | 10.75 | --- | 10.02 | 9.66 | 9.34 | 12 |
| 13 | --- | 8.77 | 8.64 | 8.43 | 8.68 | 10.02 | 10.63 | 10.72 | --- | 9.98 | 9.64 | 9.34 | 13 |
| 14 | --- | 8.75 | 8.63 | 8.46 | 8.73 | 10.05 | 10.59 | 10.69 | --- | 9.97 | 9.62 | 9.35 | 14 |
| 15 | --- | 8.76 | 8.63 | 8.47 | 8.80 | 10.08 | 10.66 | 10.71 | --- | 9.94 | 9.58 | 9.36 | 15 |
| 16 | --- | 8.77 | 8.58 | 8.44 | 8.85 | 10.12 | 10.61 | 10.70 | --- | 9.94 | 9.58 | 9.33 | 16 |
| 17 | --- | 8.75 | 8.60 | 8.42 | 8.89 | 10.14 | 10.66 | 10.74 | --- | 9.87 | 9.57 | 9.35 | 17 |
| 18 | --- | 8.74 | 8.60 | 8.40 | 8.92 | 10.16 | 10.65 | 10.76 | --- | 9.94 | 9.55 | 9.33 | 18 |
| 19 | --- | 8.73 | 8.59 | 8.43 | 8.94 | 10.23 | 10.66 | 10.72 | --- | 9.95 | 9.54 | 9.34 | 19 |
| 20 | --- | 8.72 | 8.55 | 8.42 | 9.01 | 10.26 | 10.68 | 10.71 | 10.48A | 9.93 | 9.52 | 9.31 | 20 |
| 21 | --- | 8.71 | 8.54 | 8.42 | 9.08 | 10.25 | 10.71 | 10.68 | 10.44 | 9.94 | 9.51 | 9.30 | 21 |
| 22 | --- | 8.69 | 8.56 | 8.42 | 9.14 | 10.28 | 10.66 | 10.65 | 10.35 | 9.91 | 9.51 | 9.31 | 22 |
| 23 | --- | 8.71 | 8.56 | 8.42 | 9.18 | 10.26 | 10.66 | 10.64 | 10.31 | 9.88 | 9.51 | 9.31 | 23 |
| 24 | --- | 8.71 | 8.56 | 8.43 | 9.22 | 10.29 | 10.66 | 10.63 | 10.29 | --- | 9.51 | 9.30 | 24 |
| 25 | --- | 8.71 | 8.55 | 8.41 | 9.26 | 10.35 | 10.64 | 10.62 | 10.27 | 9.88 | 9.49 | 9.29 | 25 |
| 26 | --- | 8.68 | 8.55 | 8.41 | 9.32 | 10.36 | 10.63 | 10.59 | 10.24 | 9.87 | 9.50 | 9.25 | 26 |
| 27 | 8.85A | 8.69 | 8.52 | 8.42 | 9.37 | 10.35 | 10.60 | 10.56 | 10.28 | 9.89 | 9.49 | 9.26 | 27 |
| 28 | 8.87 | 8.68 | 8.52 | 8.43 | 9.42 | 10.37 | 10.63 | 10.59 | 10.24 | 9.83 | 9.45 | 9.25 | 28 |
| 29 | 8.88 | 8.70 | 8.53 | 8.41 | 9.55 | 10.41 | 10.62 | 10.58 | 10.22 | 9.79 | 9.45 | 9.25 | 29 |
| 30 | 8.86 | | 8.54 | 8.41 | 9.62 | 10.46 | 10.71 | 10.59A | 10.14 | 9.80 | 9.45 | 9.22 | 30 |
| 31 | 8.84 | | 8.53 | | 9.63 | | 10.72 | --- | | 9.80 | | 9.24 | 31 |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY WATER LEVEL, 10.82 FT ON AUG 8
 MINIMUM DAILY WATER LEVEL, 8.40 FT ON APR 18
 MAXIMUM INSTANTANEOUS WATER LEVEL,
 10.99 FT AT 1830 YET ON AUG 9

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 11 53 N
 LONG 136 59 53 W

A-MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

AISHIHIK RIVER NEAR WHITEHORSE - STATION NO. 08AA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 136 B | 133 B | 108 B | 96.0 B | 121 B | 2010 | 968 | 1250 | 756 | 625 | 350 B | 281 B | 1 |
| 2 | 137 B | 132 B | 106 B | 95.0 B | 122 B | 1500 | 1060 | 1140 | 752 | 624 | 335 B | 278 B | 2 |
| 3 | 138 B | 131 B | 104 B | 94.0 B | 127 B | 1260 | 1040 | 1200 | 745 | 589 | 325 B | 272 B | 3 |
| 4 | 138 B | 130 B | 103 B | 94.0 B | 132 B | 1080 | 987 | 1240 | 741 | 584 | 315 B | 268 B | 4 |
| 5 | 138 B | 129 B | 102 B | 95.0 B | 137 B | 998 | 962 | 1200 | 739 | 591 | 305 B | 262 B | 5 |
| 6 | 138 B | 130 B | 102 B | 96.0 B | 142 B | 971 | 944 | 1110 | 733 | 600 | 302 B | 258 B | 6 |
| 7 | 138 B | 132 B | 102 B | 97.0 B | 149 B | 949 | 930 | 1050 | 725 | 570 | 300 B | 253 B | 7 |
| 8 | 137 B | 135 B | 103 B | 98.0 B | 156 B | 934 | 952 | 1040 | 721 | 553 | 299 B | 250 B | 8 |
| 9 | 136 B | 135 B | 105 B | 99.0 B | 163 B | 956 | 939 | 1040 | 722 | 564 | 298 B | 248 B | 9 |
| 10 | 135 B | 133 B | 107 B | 100 B | 171 B | 907 | 933 | 1050 | 726 | 570 | 298 B | 245 B | 10 |
| 11 | 133 B | 131 B | 110 B | 100 B | 181 B | 953 | 940 | 1030 | 735 | 577 | 298 B | 243 B | 11 |
| 12 | 129 B | 129 B | 111 B | 99.0 B | 195 B | 1440 | 917 | 989 | 725 | 566 | 298 B | 240 B | 12 |
| 13 | 127 B | 127 B | 111 B | 99.0 B | 211 B | 2020 | 884 | 956 | 698 | 555 | 299 B | 238 B | 13 |
| 14 | 125 B | 124 B | 111 B | 98.0 B | 230 B | 2150 | 840 | 937 | 695 | 554 | 299 B | 235 B | 14 |
| 15 | 123 B | 122 B | 110 B | 98.0 B | 258 B | 2000 | 815 | 928 | 692 | 554 | 300 B | 233 B | 15 |
| 16 | 122 B | 121 B | 109 B | 98.0 B | 300 B | 1800 | 794 | 914 | 708 | 553 | 302 B | 229 B | 16 |
| 17 | 121 B | 121 B | 107 B | 99.0 B | 350 B | 1440 | 786 | 909 | 719 | 550 | 305 B | 226 B | 17 |
| 18 | 120 B | 121 B | 105 B | 99.0 B | 441 | 1200 | 784 | 916 | 716 | 541 | 308 B | 222 B | 18 |
| 19 | 120 B | 122 B | 105 B | 99.0 B | 479 | 1060 | 775 | 915 | 708 | 528 | 311 B | 219 B | 19 |
| 20 | 120 B | 123 B | 106 B | 100 B | 677 | 1030 | 779 | 892 | 705 | 511 | 317 B | 213 B | 20 |
| 21 | 121 B | 124 B | 106 B | 101 B | 831 | 1040 | 784 | 866 | 709 | 493 | 321 B | 210 B | 21 |
| 22 | 121 B | 125 B | 107 B | 102 B | 776 | 968 | 786 | 850 | 691 | 475 B | 325 B | 203 B | 22 |
| 23 | 122 B | 125 B | 108 B | 103 B | 700 | 940 | 829 | 840 | 668 | 460 B | 325 B | 200 B | 23 |
| 24 | 123 B | 123 B | 108 B | 104 B | 657 | 931 | 818 | 826 | 648 | 445 B | 321 B | 195 B | 24 |
| 25 | 124 B | 121 B | 108 B | 105 B | 693 | 1000 | 979 | 827 | 644 | 430 B | 316 B | 191 B | 25 |
| 26 | 126 B | 118 B | 107 B | 107 B | 732 | 1080 | 978 | 829 | 641 | 415 B | 310 B | 188 B | 26 |
| 27 | 127 B | 116 B | 106 B | 109 B | 811 | 993 | 1050 | 814 | 661 | 400 B | 304 B | 184 B | 27 |
| 28 | 129 B | 113 B | 104 B | 112 B | 1320 E | 903 | 989 | 813 | 636 | 390 B | 297 B | 183 B | 28 |
| 29 | 132 B | 111 B | 101 B | 114 B | 1950 E | 857 | 993 | 802 | 648 | 380 B | 289 B | 182 B | 29 |
| 30 | 133 B | | 100 B | 118 B | 2650 E | 871 | 1600 | 784 | 638 | 370 B | 286 B | 181 B | 30 |
| 31 | 133 B | | 98.0 B | | 2900 | | 1430 | 769 | | 360 B | | 180 B | 31 |
| TOTAL | 4002 | 3637 | 3280.0 | 3028.0 | 18762 | 36241 | 29365 | 29726 | 21045 | 15977 | 9258 | 7010 | TOTAL |
| MEAN | 129 | 125 | 106 | 101 | 605 | 1210 | 947 | 959 | 702 | 515 | 309 | 226 | MEAN |
| AC-FT | 7940 | 7210 | 6510 | 6010 | 37200 | 71900 | 58200 | 59000 | 41700 | 31700 | 18400 | 13900 | AC-FT |
| MAX | 138 | 135 | 111 | 118 | 2900 | 2150 | 1600 | 1250 | 756 | 625 | 350 | 281 | MAX |
| MIN | 120 | 111 | 98.0 | 94.0 | 121 | 857 | 775 | 769 | 636 | 360 | 286 | 180 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 495 CFS.
 TOTAL DISCHARGE, 360000 AC-FT
 MAXIMUM DAILY DISCHARGE, 2900 CFS ON MAY 31
 MINIMUM DAILY DISCHARGE, 94.0 CFS ON APR 3
 MAXIMUM INSTANTANEOUS DISCHARGE
 3270 CFS AT 0130 YET ON MAY 31

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 51 40 N
 LONG 137 03 40 W
 DRAINAGE AREA 1620 SQ MILES

B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

YUKON TERRITORY

BENNETT LAKE AT CARCROSS - STATION NO. 09AA004

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-----|-------|------|------|------|-------|-------|------|------|------|------|------|-----|
| 1 | --- | --- | 3.24 | 1.99 | 0.91 | 2.58 | 5.28 | 7.33 | 8.67 | 7.49 | 6.59 | 5.84 | 1 |
| 2 | --- | --- | 3.22 | 1.96 | 0.88 | 2.74 | 5.29 | 7.33 | 8.66 | 7.53 | 6.58 | 5.76 | 2 |
| 3 | --- | --- | 3.19 | 1.94 | 0.85 | 2.81A | 5.32 | 7.37 | 8.64 | 7.39 | 6.55 | 5.76 | 3 |
| 4 | --- | --- | 3.16 | 1.92 | 0.83 | 2.87 | 5.38A | 7.48 | 8.67 | 7.36 | 6.53 | 5.73 | 4 |
| 5 | --- | --- | 3.11 | 1.89 | 0.81 | 2.86 | 5.48 | 7.57 | 8.67 | 7.34 | 6.57 | 5.68 | 5 |
| 6 | --- | --- | 3.07 | 1.86 | 0.79 | 2.88 | 5.57 | 7.63 | 8.69 | 7.26 | 6.56 | 5.68 | 6 |
| 7 | --- | --- | 3.05 | 1.79 | 0.78 | 2.83 | 5.69 | 7.68 | 8.66 | 7.20 | 6.54 | 5.65 | 7 |
| 8 | --- | --- | 3.00 | 1.77 | 0.78 | 2.84 | 5.81 | 7.77 | 8.62 | 7.06 | 6.52 | 5.63 | 8 |
| 9 | --- | --- | 2.97 | 1.73 | 0.80 | 2.85 | 5.95 | 7.88 | 8.60 | 7.07 | 6.50 | 5.63 | 9 |
| 10 | --- | 3.97A | 2.95 | 1.67 | 0.79 | 2.89 | 6.10 | 7.91 | 8.59 | 7.05 | 6.48 | 5.60 | 10 |
| 11 | --- | 3.92 | 2.98 | 1.65 | 0.83 | 2.96 | 6.20 | 7.97 | 8.56 | 7.04 | 6.48 | 5.56 | 11 |
| 12 | --- | 3.88 | 2.94 | 1.60 | 0.86 | 3.06 | 6.29 | 8.06 | 8.57 | 6.93 | 6.46 | 5.56 | 12 |
| 13 | --- | 3.88 | 2.91 | 1.57 | 0.89 | 3.31 | 6.37 | 8.09 | 8.51 | 6.92 | 6.43 | 5.53 | 13 |
| 14 | --- | 3.83 | 2.87 | 1.53 | 0.91 | 3.70 | 6.45 | 8.13 | 8.48 | 6.94 | 6.37 | 5.48 | 14 |
| 15 | --- | 3.80 | 2.79 | 1.49 | 0.87 | 4.15 | 6.48 | 8.12 | 8.45 | 6.94 | 6.35 | 5.44 | 15 |
| 16 | --- | 3.75 | 2.79 | 1.44 | 0.88 | 4.50 | 6.49 | 8.19 | 8.46 | 6.93 | 6.33 | 5.49 | 16 |
| 17 | --- | 3.71 | 2.72 | 1.38 | 0.88 | 4.72 | 6.53 | 8.31 | 8.37 | 6.90 | 6.29 | 5.47 | 17 |
| 18 | --- | 3.65 | 2.66 | 1.39 | 0.89 | 4.88 | 6.58 | 8.34 | 8.31 | 6.88 | 6.21 | 5.45 | 18 |
| 19 | --- | 3.58 | 2.61 | 1.32 | 0.89 | 4.91 | 6.60 | 8.43 | 8.32 | 6.83 | 6.21 | 5.44 | 19 |
| 20 | --- | 3.60 | 2.55 | 1.27 | 0.90 | 4.88 | 6.65 | 8.51 | 8.22 | 6.80 | 6.22 | 5.43 | 20 |
| 21 | --- | 3.55 | 2.48 | 1.22 | 0.99 | 4.90 | 6.76 | 8.55 | 8.15 | 6.80 | 6.17 | 5.39 | 21 |
| 22 | --- | 3.53 | 2.46 | 1.21 | 1.03 | 4.95 | 6.81 | 8.58 | 8.08 | 6.76 | 6.13 | --- | 22 |
| 23 | --- | 3.49 | 2.41 | 1.18 | 1.09 | 5.05 | 6.90 | 8.67 | 8.06 | 6.79 | 6.07 | --- | 23 |
| 24 | --- | 3.46 | 2.38 | 1.15 | 1.11 | 5.15 | 6.96 | 8.73 | 7.91 | 6.73 | 6.03 | --- | 24 |
| 25 | --- | 3.41 | 2.32 | 1.13 | 1.13 | 5.25 | 7.02 | 8.77 | 7.81 | 6.71 | 6.01 | --- | 25 |
| 26 | --- | 3.37 | 2.27 | 1.06 | 1.18 | 5.34 | 7.16 | 8.79 | 7.77 | 6.73 | 5.97 | --- | 26 |
| 27 | --- | 3.34 | 2.24 | 1.05 | 1.23 | 5.33 | 7.22 | 8.81 | 7.68 | 6.68 | 5.92 | --- | 27 |
| 28 | --- | 3.30 | 2.22 | 1.01 | 1.30 | 5.33 | 7.26 | 8.83 | 7.68 | 6.69 | 5.95 | --- | 28 |
| 29 | --- | 3.32 | 2.15 | 0.98 | 1.50 | 5.30 | 7.27 | 8.79 | 7.60 | 6.72 | 5.91 | --- | 29 |
| 30 | --- | --- | 2.08 | 0.94 | 1.79 | 5.27 | 7.29 | 8.75 | 7.56 | 6.65 | 5.84 | --- | 30 |
| 31 | --- | --- | 2.01 | --- | 2.27 | --- | 7.31 | 8.73 | --- | 6.60 | --- | --- | 31 |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY WATER LEVEL, 8.83 FT ON AUG 28
 MINIMUM DAILY WATER LEVEL, 0.78 FT ON MAY 7
 MAXIMUM INSTANTANEOUS WATER LEVEL, 8.92 FT AT 1030 YET ON AUG 27

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 09 53 N
 LONG 134 42 20 W

A-MANUAL GAUGE

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.
 APPLY 2144.99 FT ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM.

BIG SALMON RIVER NEAR CARMACKS - STATION NO. 09AG001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 732 B | 640 B | 419 B | 391 B | 554 B | 15600 E | 4580 | 3980 | 2680 | 2280 | 1450 B | 1070 B | 1 |
| 2 | 712 B | 639 B | 415 B | 388 B | 567 B | 12300 E | 4920 | 3930 | 2600 | 2300 | 1420 B | 1060 B | 2 |
| 3 | 700 B | 633 B | 412 B | 388 B | 585 B | 8830 E | 5010 | 3670 | 2530 | 2270 | 1390 B | 1040 B | 3 |
| 4 | 686 B | 620 B | 412 B | 389 B | 604 B | 5540 E | 4790 | 3540 | 2480 | 2180 | 1380 B | 985 B | 4 |
| 5 | 680 B | 600 B | 410 B | 390 B | 623 B | 5020 A | 4620 | 3610 | 2430 | 2120 | 1390 B | 965 B | 5 |
| 6 | 670 B | 586 B | 408 B | 391 B | 645 B | 5130 | 4590 | 3870 | 2420 | 2120 | 1420 B | 960 B | 6 |
| 7 | 665 B | 580 B | 397 B | 395 B | 670 B | 5570 | 4570 | 4250 | 2460 | 2110 | 1440 B | 960 B | 7 |
| 8 | 655 B | 575 B | 393 B | 398 B | 700 B | 5970 | 4740 | 3990 | 2480 | 2080 | 1450 B | 965 B | 8 |
| 9 | 647 B | 569 B | 391 B | 390 B | 732 B | 6540 | 4870 | 3850 | 2470 | 2020 | 1450 B | 968 B | 9 |
| 10 | 640 B | 561 B | 392 B | 402 B | 765 B | 10200 | 4600 | 4110 | 2480 | 2000 E | 1440 B | 965 B | 10 |
| 11 | 636 B | 560 B | 394 B | 404 B | 798 B | 11300 | 4560 | 3890 | 2840 | 1990 E | 1430 B | 955 B | 11 |
| 12 | 633 B | 559 B | 399 B | 405 B | 845 B | 11100 | 4730 | 3640 | 3160 | 1980 E | 1420 B | 920 B | 12 |
| 13 | 635 B | 558 B | 401 B | 408 B | 920 B | 13300 | 4250 | 3500 | 3160 | 1970 E | 1410 B | 875 B | 13 |
| 14 | 645 B | 555 B | 405 B | 409 B | 1080 B | 14500 | 3960 | 3380 | 3050 | 1960 E | 1400 B | 840 B | 14 |
| 15 | 642 B | 545 B | 410 B | 412 B | 1330 B | 14800 | 3770 | 3320 | 3060 | 1940 E | 1390 B | 815 B | 15 |
| 16 | 640 B | 532 B | 420 B | 418 B | 1620 B | 14100 | 3620 | 3310 | 3400 | 1920 B | 1380 B | 805 B | 16 |
| 17 | 637 B | 523 B | 428 B | 422 B | 2030 B | 13400 | 3450 | 3250 | 3480 | 1890 B | 1370 B | 800 B | 17 |
| 18 | 630 B | 509 B | 434 B | 427 B | 2520 E | 12400 | 3460 | 3200 | 3320 | 1850 B | 1360 B | 795 B | 18 |
| 19 | 626 B | 496 B | 437 B | 433 B | 2410 E | 11000 | 3400 | 3120 | 3140 | 1840 B | 1360 B | 790 B | 19 |
| 20 | 619 B | 488 B | 438 B | 438 B | 2800 E | 9170 | 3280 | 3010 | 3000 | 1830 B | 1370 B | 755 B | 20 |
| 21 | 610 B | 480 B | 437 B | 445 B | 3750 E | 8250 | 3320 | 2910 | 2870 | 1810 B | 1380 B | 740 B | 21 |
| 22 | 607 B | 478 B | 432 B | 452 B | 4030 E | 7470 | 3650 | 2820 | 2750 | 1790 B | 1390 B | 715 B | 22 |
| 23 | 604 B | 478 B | 429 B | 461 B | 3550 E | 7050 | 3740 | 2740 | 2630 | 1780 B | 1390 B | 700 B | 23 |
| 24 | 601 B | 478 B | 426 B | 472 B | 3040 E | 7110 | 3480 | 2730 | 2490 | 1750 B | 1350 B | 695 B | 24 |
| 25 | 602 B | 475 B | 421 B | 483 B | 2790 E | 6990 | 3460 | 2880 | 2440 | 1730 B | 1320 B | 690 B | 25 |
| 26 | 603 B | 470 B | 417 B | 495 B | 2910 E | 6910 | 3440 | 2870 | 2350 | 1710 B | 1280 B | 690 B | 26 |
| 27 | 607 B | 456 B | 411 B | 505 B | 3870 E | 7350 | 3920 | 2890 | 2320 | 1670 B | 1230 B | 695 B | 27 |
| 28 | 612 B | 439 B | 407 B | 524 B | 8020 E | 6540 | 4080 | 2910 | 2290 | 1620 B | 1150 B | 705 B | 28 |
| 29 | 621 B | 425 B | 400 B | 530 B | 13100 E | 5600 | 3790 | 2840 | 2270 | 1580 B | 1110 B | 720 B | 29 |
| 30 | 627 B | 398 B | 402 B | 542 B | 15100 E | 4920 | 4310 | 2830 | 2290 | 1540 B | 1080 B | 735 B | 30 |
| 31 | 639 B | 395 B | 395 B | --- | 16300 E | --- | 4260 | 2790 | --- | 1500 B | --- | 745 B | 31 |
| TOTAL | 19863 | 15507 | 12788 | 13007 | 99258 | 273960 | 127420 | 103530 | 81340 | 59140 | 40800 | 26118 | TOTAL |
| MEAN | 641 | 535 | 413 | 434 | 3200 | 9130 | 4110 | 3340 | 2710 | 1910 | 1360 | 843 | MEAN |
| AC-FT | 39400 | 30800 | 25400 | 25800 | 197000 | 543000 | 253000 | 205000 | 161000 | 117000 | 80900 | 51800 | AC-FT |
| MAX | 732 | 640 | 438 | 542 | 16300 | 15600 | 5010 | 4250 | 3480 | 2300 | 1450 | 1070 | MAX |
| MIN | 601 | 425 | 391 | 388 | 554 | 4920 | 3280 | 2730 | 2270 | 1500 | 1080 | 690 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 2380 CFS
 TOTAL DISCHARGE, 1730000 AC-FT
 MAXIMUM DAILY DISCHARGE, 16300 CFS ON MAY 31
 MINIMUM DAILY DISCHARGE, 388 CFS ON APR 2

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 52 45 N
 LONG 134 52 00 W
 DRAINAGE AREA 2640 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

YUKON TERRITORY

DEZADEASH RIVER AT HAINES JUNCTION - STATION NO. 08AA003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 1 | 398 B | 420 B | 400 B | 438 B | 472 B | 5350 | 3380 | 3220 | 2060 | 1540 | 950 B | 570 B | 1 |
| 2 | 398 B | 420 B | 395 B | 438 B | 477 B | 4200 | 3440 | 3020 | 2020 | 1570 | 900 B | 560 B | 2 |
| 3 | 395 B | 418 B | 390 B | 438 B | 482 B | 3650 | 3360 | 3000 | 2010 | 1520 | 860 B | 555 B | 3 |
| 4 | 392 B | 410 B | 385 B | 440 B | 514 | 3310 | 3260 | 3110 | 2000 | 1470 | 840 B | 550 B | 4 |
| 5 | 390 B | 408 B | 380 B | 440 B | 605 | 3100 | 3220 | 3100 | 1990 | 1480 | 810 B | 555 B | 5 |
| 6 | 385 B | 408 B | 380 B | 440 B | 755 | 2940 | 3190 | 3030 | 1950 | 1460 | 790 B | 560 B | 6 |
| 7 | 380 B | 409 B | 380 B | 445 B | 903 | 2810 | 3160 | 2910 | 1900 | 1440 | 780 B | 570 B | 7 |
| 8 | 378 B | 409 B | 385 B | 450 B | 1070 | 2740 | 3220 | 2940 | 1860 | 1430 E | 775 B | 575 B | 8 |
| 9 | 375 B | 410 B | 395 B | 455 B | 1360 | 2830 | 3250 | 3080 | 1840 | 1330 E | 775 B | 575 B | 9 |
| 10 | 370 B | 405 B | 405 B | 458 B | 2270 | 2820 | 3210 | 3120 | 1830 | 1290 E | 770 B | 570 B | 10 |
| 11 | 365 B | 400 B | 420 B | 458 B | 2320 | 2900 | 3190 | 3100 | 1840 | 1280 E | 770 B | 560 B | 11 |
| 12 | 362 B | 400 B | 440 B | 460 B | 1970 | 3650 | 3170 | 2960 | 1850 | 1270 E | 765 B | 555 B | 12 |
| 13 | 358 B | 398 B | 458 B | 458 B | 1790 | 4640 | 3090 | 2840 | 1830 | 1250 E | 760 B | 545 B | 13 |
| 14 | 355 B | 388 B | 462 B | 452 B | 1700 | 5110 | 3000 | 2740 | 1810 | 1240 E | 755 B | 540 B | 14 |
| 15 | 350 B | 380 B | 465 B | 450 B | 1720 | 5130 | 2910 | 2690 | 1780 | 1280 E | 750 B | 535 B | 15 |
| 16 | 348 B | 378 B | 465 B | 445 B | 1560 | 5040 | 2840 | 2660 | 1780 | 1360 E | 720 B | 525 B | 16 |
| 17 | 348 B | 375 B | 465 B | 442 B | 1500 | 4740 | 2760 | 2640 | 1780 | 1310 E | 700 B | 520 B | 17 |
| 18 | 345 B | 372 B | 460 B | 442 B | 1500 | 4450 | 2700 | 2650 | 1750 | 1330 | 680 B | 515 B | 18 |
| 19 | 348 B | 378 B | 460 B | 442 B | 1530 | 4260 | 2640 | 2630 | 1720 | 1280 | 670 B | 510 B | 19 |
| 20 | 348 B | 385 B | 455 B | 442 B | 1810 | 4110 | 2590 | 2570 | 1690 | 1280 | 670 B | 500 B | 20 |
| 21 | 348 B | 395 B | 455 B | 445 B | 2140 | 4200 | 2540 | 2530 | 1680 | 1280 | 680 B | 490 B | 21 |
| 22 | 350 B | 400 B | 455 B | 450 B | 2130 | 4020 | 2510 | 2490 | 1660 | 1260 | 695 B | 485 B | 22 |
| 23 | 352 B | 405 B | 458 B | 452 B | 1960 | 3890 | 2560 | 2460 | 1600 | 1220 | 695 B | 480 B | 23 |
| 24 | 358 B | 410 B | 460 B | 458 B | 1850 | 3850 | 2710 | 2420 | 1540 | 1150 | 680 B | 480 B | 24 |
| 25 | 365 B | 410 B | 465 B | 460 B | 1860 | 3900 | 2740 | 2370 | 1520 | 1110 A | 660 B | 485 B | 25 |
| 26 | 372 B | 410 B | 468 B | 462 B | 1910 | 3950 | 2710 | 2370 | 1500 | 1040 E | 650 B | 495 B | 26 |
| 27 | 380 B | 410 B | 460 B | 465 B | 1980 | 3810 | 2760 | 2310 | 1530 | 990 E | 635 B | 510 B | 27 |
| 28 | 390 B | 405 B | 455 B | 467 B | 2710 | 3640 | 2720 | 2260 | 1530 | 980 E | 613 B | 530 B | 28 |
| 29 | 400 B | 400 B | 442 B | 469 B | 4230 | 3480 | 2700 | 2230 | 1530 | 990 E | 600 B | 540 B | 29 |
| 30 | 410 B | | 440 B | 470 B | 5220 | 3370 | 3190 | 2190 | 1540 | 1000 B | 580 B | 545 B | 30 |
| 31 | 415 B | | 440 B | | 6720 | | 3440 | 2100 | | 980 B | | 530 B | 31 |
| TOTAL | 11528 | 11616 | 13443 | 13531 | 59018 | 115890 | 92160 | 83740 | 52920 | 39340 | 21978 | 16515 | TOTAL |
| MEAN | 372 | 401 | 434 | 451 | 1900 | 3860 | 2970 | 2700 | 1760 | 1270 | 733 | 533 | MEAN |
| AC-FT | 22900 | 23000 | 26700 | 26800 | 117000 | 230000 | 183000 | 166000 | 105000 | 78000 | 43600 | 32800 | AC-FT |
| MAX | 415 | 420 | 468 | 470 | 6720 | 5350 | 3440 | 3220 | 2060 | 1570 | 950 | 575 | MAX |
| MIN | 345 | 372 | 380 | 438 | 472 | 2740 | 2510 | 2100 | 1500 | 980 | 580 | 480 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1450 CFS
 TOTAL DISCHARGE, 1050000 AC-FT
 MAXIMUM DAILY DISCHARGE, 6720 CFS ON MAY 31
 MINIMUM DAILY DISCHARGE, 345 CFS ON JAN 18
 MAXIMUM INSTANTANEOUS DISCHARGE
 7000 CFS AT 0730 YET ON MAY 31

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 44 54 N
 LONG 137 30 19 W
 DRAINAGE AREA 3200 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

FIRTH RIVER NEAR THE MOUTH - STATION NO. 10MD001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY | |
|-------|-----|-----|-----|-----|-------|-------|--------|--------|--------|-------|-------|--------|--------|----|
| 1 | --- | --- | --- | --- | --- | --- | 7600 | 11000 | 5860 | 730 B | 450 B | 100 B | 1 | |
| 2 | --- | --- | --- | --- | --- | --- | 6670 | 7780 | 5020 | 720 B | 440 B | 90.0 B | 2 | |
| 3 | --- | --- | --- | --- | --- | --- | 7850 | 5570 | 4330 | 710 B | 430 B | 80.0 B | 3 | |
| 4 | --- | --- | --- | --- | --- | --- | 7740 | 4950 | 3750 | 700 B | 420 B | 70.0 B | 4 | |
| 5 | --- | --- | --- | --- | --- | --- | 7030 | 3570 | 3350 | 700 B | 410 B | 60.0 B | 5 | |
| 6 | --- | --- | --- | --- | --- | --- | --- | 13400 | 3080 | 2970 | 690 B | 400 B | 50.0 B | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | 8970 | 2840 | 2630 | 690 B | 390 B | 30.0 B | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | 6430 | 3600 | 2360 | 680 B | 380 B | 20.0 B | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | 5360 | 5090 | 2120 | 670 B | 370 B | 10.0 B | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | 4660 | 5500 | 1970 | 660 B | 370 B | 0 B | 10 |
| 11 | --- | --- | --- | --- | 100 B | --- | 3980 | 7300 | 1800 | 660 B | 360 B | 0 B | 11 | |
| 12 | --- | --- | --- | --- | --- | --- | 3800 | 10200 | 1640 | 650 B | 350 B | 0 B | 12 | |
| 13 | --- | --- | --- | --- | --- | --- | 3640 | 8900 | 1500 | 640 B | 350 B | 0 B | 13 | |
| 14 | --- | --- | --- | --- | --- | --- | 3440 | 6670 | 1400 | 630 B | 340 B | 0 B | 14 | |
| 15 | --- | --- | --- | --- | --- | --- | 3400 | 5430 | 1350 | 620 B | 330 B | 0 B | 15 | |
| 16 | --- | --- | --- | --- | --- | --- | 3490 | 9360 | 1310 | 610 B | 320 B | 0 B | 16 | |
| 17 | --- | --- | --- | --- | --- | --- | 5740 | 9560 | 1190 | 600 B | 300 B | 0 B | 17 | |
| 18 | --- | --- | --- | --- | --- | --- | 5140 | 7670 | 1120 | 590 B | 290 B | 0 B | 18 | |
| 19 | --- | --- | --- | --- | --- | --- | 3820 | 6430 | 910 | 580 B | 280 B | 0 B | 19 | |
| 20 | --- | --- | --- | --- | --- | 3120 | 4590 | 5760 | 890 B | 570 B | 270 B | 0 B | 20 | |
| 21 | --- | --- | --- | --- | --- | 5450 | 6340 | 5280 | 870 B | 560 B | 260 B | 0 B | 21 | |
| 22 | --- | --- | --- | --- | --- | 12900 | 5930 | 4570 | 850 B | 550 B | 240 B | 0 B | 22 | |
| 23 | --- | --- | --- | --- | --- | 11800 | 4920 | 3980 | 840 B | 540 B | 230 B | 0 B | 23 | |
| 24 | --- | --- | --- | --- | --- | 11000 | 3820 | 4970 | 830 B | 540 B | 220 B | 0 B | 24 | |
| 25 | --- | --- | --- | --- | --- | 12200 | 3210 | 6080 | 820 B | 530 B | 210 B | 0 B | 25 | |
| 26 | --- | --- | --- | --- | --- | 12700 | 2660 | 4880 | 800 B | 520 B | 200 B | 0 B | 26 | |
| 27 | --- | --- | --- | --- | --- | 18200 | 2360 | 4550 | 780 B | 510 B | 190 B | 0 B | 27 | |
| 28 | --- | --- | --- | --- | --- | 14300 | 2150 | 4480 | 760 B | 500 B | 160 B | 0 B | 28 | |
| 29 | --- | --- | --- | --- | --- | 11800 | 1910 | 4460 | 750 B | 490 B | 140 B | 0 B | 29 | |
| 30 | --- | --- | --- | --- | --- | 9480 | 1760 | 4390 | 740 B | 480 B | 120 B | 0 B | 30 | |
| 31 | --- | --- | --- | --- | --- | --- | 4300 | 5310 | | 460 B | | 0 B | 31 | |
| TOTAL | --- | --- | --- | --- | --- | --- | 156110 | 182610 | 55510 | 18780 | 9220 | 510.0 | TOTAL | |
| MEAN | --- | --- | --- | --- | --- | --- | 5040 | 5890 | 1850 | 606 | 307 | 16.5 | MEAN | |
| AC-FT | --- | --- | --- | --- | --- | --- | 310000 | 362000 | 110000 | 37300 | 18300 | 1010 | AC-FT | |
| MAX | --- | --- | --- | --- | --- | --- | 13400 | 11000 | 5860 | 730 | 450 | 100 | MAX | |
| MIN | --- | --- | --- | --- | --- | --- | 1760 | 2840 | 740 | 460 | 120 | 0 | MIN | |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY DISCHARGE, 18200 CFS ON JUN 27
 MINIMUM DAILY DISCHARGE, 0 CFS ON DEC 10

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 69 25 00 N
 LONG 139 30 00 W

B-ICE CONDITIONS
 NATURAL FLOW

YUKON TERRITORY

FRANCES RIVER NEAR WATSON LAKE - STATION NO. 10AB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|-------|-------|-------|--------|---------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 1100 B | 900 B | 792 B | 660 B | 680 B | 34800 | 28400 | 10200 | 5470 | 4400 E | 2400 B | 1500 B | 1 |
| 2 | 1070 B | 920 B | 784 B | 670 B | 695 B | 37300 | 27200 | 9990 | 5370 | 4450 E | 2400 B | 1500 B | 2 |
| 3 | 1050 B | 940 B | 776 B | 670 B | 710 B | 35000 | 25800 | 9850 | 5320 | 4480 E | 2360 B | 1490 B | 3 |
| 4 | 1050 B | 940 B | 768 B | 670 B | 740 B | 32500 | 24400 | 9720 | 5180 | 4450 E | 2290 B | 1470 B | 4 |
| 5 | 1040 B | 940 B | 760 B | 672 B | 790 B | 30500 | 22900 | 9540 | 5120 | 4400 E | 2210 B | 1460 B | 5 |
| 6 | 1020 B | 940 B | 754 B | 670 B | 880 B | 29100 | 21500 | 9350 | 5110 | 4280 E | 2150 B | 1450 B | 6 |
| 7 | 1010 B | 938 B | 748 B | 670 B | 1000 B | 28300 | 20200 | 9190 | 5070 | 4160 E | 2100 B | 1430 B | 7 |
| 8 | 1000 B | 933 B | 742 B | 660 B | 1150 B | 27300 | 19200 | 9110 | 4990 | 4040 E | 2060 B | 1400 B | 8 |
| 9 | 1000 B | 920 B | 736 B | 660 B | 1300 B | 28100 | 18200 | 9130 | 4940 | 3920 E | 2020 B | 1390 B | 9 |
| 10 | 990 B | 910 B | 730 B | 650 B | 1500 B | 30500 | 17400 | 9100 | 4900 | 3800 E | 2000 B | 1380 B | 10 |
| 11 | 970 B | 900 B | 724 B | 649 B | 1700 B | 31600 | 16500 | 9010 | 4850 | 3720 E | 2000 B | 1370 B | 11 |
| 12 | 960 B | 895 B | 718 B | 648 B | 1900 B | 31700 | 15800 | 8870 | 4790 | 3640 E | 1980 B | 1360 B | 12 |
| 13 | 940 B | 890 B | 712 B | 647 B | 2200 B | 32400 | 15100 | 8550 | 4720 | 3560 E | 1980 B | 1350 B | 13 |
| 14 | 930 B | 885 B | 706 B | 646 B | 2500 B | 33000 | 14300 | 8280 | 4680 | 3480 E | 1980 B | 1340 B | 14 |
| 15 | 920 B | 880 B | 700 B | 645 B | 2800 B | 33300 | 13600 | 8060 | 4680 | 3400 E | 1970 B | 1320 B | 15 |
| 16 | 920 B | 876 B | 698 B | 644 B | 3200 B | 32800 | 13000 | 7810 | 4890 | 3360 E | 1940 B | 1280 B | 16 |
| 17 | 900 B | 872 B | 696 B | 643 B | 3600 B | 32300 | 12400 | 7590 | 4980 | 3320 E | 1900 B | 1240 B | 17 |
| 18 | 880 B | 868 B | 694 B | 643 B | 4100 B | 31500 | 11900 | 7560 | 5090 A | 3210 A | 1860 B | 1200 B | 18 |
| 19 | 860 B | 864 B | 692 B | 640 B | 4740 | 30500 | 11400 | 7390 | 5100 E | 3210 | 1820 B | 1140 B | 19 |
| 20 | 850 B | 860 B | 690 B | 640 B | 5640 | 29400 | 11000 | 7160 | 5050 E | 3140 | 1810 B | 1100 B | 20 |
| 21 | 840 B | 856 B | 688 B | 640 B | 8610 | 28000 | 10600 | 6940 | 5000 E | 2990 | 1810 B | 1080 B | 21 |
| 22 | 840 B | 852 B | 686 B | 640 B | 11700 | 26700 | 10400 | 6710 | 4950 E | 2870 | 1800 B | 1060 B | 22 |
| 23 | 830 B | 848 B | 684 B | 640 B | 11500 | 25500 | 10100 | 6530 | 4800 E | 2910 | 1790 B | 1040 B | 23 |
| 24 | 830 B | 844 B | 682 B | 640 B | 10700 | 24500 | 9810 | 6350 | 4700 E | 2950 | 1750 B | 1020 B | 24 |
| 25 | 820 B | 840 B | 680 B | 640 B | 10400 | 23500 | 9810 | 6210 | 4650 E | 2960 | 1710 B | 1000 B | 25 |
| 26 | 820 B | 830 B | 680 B | 646 B | 10400 | 23400 | 10100 | 6060 | 4570 E | 2860 | 1690 B | 970 B | 26 |
| 27 | 830 B | 820 B | 676 B | 652 B | 11400 | 26300 | 10600 | 5920 | 4490 E | 2800 B | 1660 B | 950 B | 27 |
| 28 | 850 B | 810 B | 672 B | 658 B | 14500 | 28600 | 10500 | 5890 | 4410 E | 2710 B | 1610 B | 930 B | 28 |
| 29 | 870 B | 800 B | 668 B | 664 B | 19100 | 29200 | 10200 | 5820 | 4330 E | 2620 B | 1580 B | 920 B | 29 |
| 30 | 900 B | 800 B | 664 B | 670 B | 24000 | 29200 | 10100 | 5740 | 4250 E | 2530 B | 1520 B | 910 B | 30 |
| 31 | 900 B | 800 B | 660 B | 660 B | 29600 | 29600 | 10200 | 5620 | 4250 | 2420 B | 1520 B | 900 B | 31 |
| TOTAL | 28790 | 25571 | 22060 | 19587 | 203735 | 896800 | 472620 | 243250 | 146450 | 107040 | 58150 | 37950 | TOTAL |
| MEAN | 929 | 882 | 712 | 653 | 6570 | 29900 | 15200 | 7850 | 4880 | 3450 | 1940 | 1220 | MEAN |
| AC-FT | 57100 | 50700 | 43800 | 38900 | 404000 | 1780000 | 937000 | 482000 | 290000 | 212000 | 115000 | 75300 | AC-FT |
| MAX | 1100 | 940 | 792 | 672 | 29600 | 37300 | 28400 | 10200 | 5470 | 4480 | 2400 | 1500 | MAX |
| MIN | 820 | 800 | 660 | 640 | 680 | 23400 | 9810 | 5620 | 4250 | 2420 | 1520 | 900 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 6180 CFS
 TOTAL DISCHARGE, 4490000 AC-FT
 MAXIMUM DAILY DISCHARGE, 37300 CFS ON JUN 2
 MINIMUM DAILY DISCHARGE, 640 CFS ON APR 19

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 27 14 N
 LONG 129 08 08 W
 DRAINAGE AREA 4950 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED

MAXIMUM INSTANTANEOUS DISCHARGE
 38300 CFS AT 0750 YET ON JUN 2

NATURAL FLOW

KLONDIKE RIVER ABOVE BONANZA CREEK - STATION NO. 09EA003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 1 | 475 B | 370 B | 292 B | 260 B | 460 B | 16600 | 3810 | 1700 | 1890 | 1960 | 770 B | 530 B | 1 |
| 2 | 455 B | 374 B | 290 B | 258 B | 490 B | 16400 | 3750 | 1910 | 1860 | 1920 | 740 B | 500 B | 2 |
| 3 | 455 B | 370 B | 291 B | 257 B | 529 B | 16200 | 3360 | 1720 | 1880 | 1790 | 685 B | 490 B | 3 |
| 4 | 455 B | 360 B | 291 B | 258 B | 585 B | 8860 | 2840 | 1700 | 1890 | 1690 | 650 B | 480 B | 4 |
| 5 | 460 B | 349 B | 287 B | 259 B | 625 B | 6860 | 2600 | 1660 | 1780 | 1610 | 640 B | 485 B | 5 |
| 6 | 460 B | 341 B | 278 B | 260 B | 695 B | 7310 | 2600 | 1850 | 1860 | 1670 | 650 B | 490 B | 6 |
| 7 | 450 B | 338 B | 273 B | 261 B | 780 B | 7810 | 2240 | 2300 | 2460 | 1610 | 670 B | 505 B | 7 |
| 8 | 430 B | 332 B | 271 B | 262 B | 880 B | 6630 | 2130 | 2510 | 4370 | 1340 | 690 B | 520 B | 8 |
| 9 | 400 B | 332 B | 270 B | 261 B | 1000 B | 6300 | 2100 | 2420 | 3750 | 1160 | 695 B | 540 B | 9 |
| 10 | 380 B | 333 B | 271 B | 261 B | 1180 B | 15600 | 1940 | 2180 | 3450 | 1120 | 700 B | 545 B | 10 |
| 11 | 378 B | 337 B | 273 B | 262 B | 1440 B | 16700 | 2020 | 2040 | 3260 | 1210 | 695 B | 535 B | 11 |
| 12 | 378 B | 340 B | 275 B | 264 B | 1800 B | 12700 | 1830 | 1880 | 3080 | 1370 | 685 B | 502 B | 12 |
| 13 | 382 B | 341 B | 280 B | 267 B | 2040 B | 12600 | 1720 | 1790 | 3500 | 1440 | 660 B | 480 B | 13 |
| 14 | 388 B | 339 B | 283 B | 270 B | 3650 B | 11800 | 1730 | 1790 | 5680 | 1460 | 630 B | 465 B | 14 |
| 15 | 392 B | 333 B | 290 B | 272 B | 6490 | 11300 | 1690 | 1730 | 5110 | 1400 | 615 B | 460 B | 15 |
| 16 | 394 B | 331 B | 299 B | 276 B | 5010 | 10300 | 1650 | 1900 | 5030 | 1440 | 615 B | 460 B | 16 |
| 17 | 394 B | 329 B | 300 B | 281 B | 3840 | 8290 | 1710 | 2920 E | 3790 | 1240 | 620 B | 465 B | 17 |
| 18 | 390 B | 325 B | 301 B | 286 B | 4050 | 7360 | 1860 | 3940 | 3580 | 1300 | 640 B | 465 B | 18 |
| 19 | 383 B | 322 B | 301 B | 291 B | 5070 | 5730 | 1670 | 4170 | 3550 | 1290 | 660 B | 460 B | 19 |
| 20 | 376 B | 319 B | 300 B | 298 B | 8460 | 4450 | 1630 | 3860 | 3300 | 1210 | 675 B | 450 B | 20 |
| 21 | 368 B | 312 B | 299 B | 304 B | 10500 | 3700 | 1770 | 3120 | 3090 | 1150 | 675 B | 425 B | 21 |
| 22 | 360 B | 300 B | 298 B | 313 B | 9950 | 3470 | 1650 | 2670 | 2730 | 1060 | 665 B | 400 B | 22 |
| 23 | 353 B | 291 B | 298 B | 322 B | 7060 | 3230 | 1540 | 2460 | 2300 | 1010 | 650 B | 382 B | 23 |
| 24 | 350 B | 284 B | 298 B | 334 B | 5090 | 2930 | 1520 | 2420 | 2230 | 975 | 640 B | 380 B | 24 |
| 25 | 349 B | 281 B | 299 B | 345 B | 5840 | 3500 | 1500 | 2300 | 2100 | 968 | 640 B | 382 B | 25 |
| 26 | 348 B | 281 B | 299 B | 358 B | 7510 | 3810 | 1530 | 2270 | 2040 | 758 | 630 B | 400 B | 26 |
| 27 | 348 B | 286 B | 295 B | 373 B | 10800 | 3520 | 1620 | 2240 | 1980 | 770 B | 600 B | 405 B | 27 |
| 28 | 349 B | 292 B | 291 B | 390 B | 14200 | 3890 | 1940 | 2250 | 2000 | 790 B | 565 B | 405 B | 28 |
| 29 | 350 B | 293 B | 282 B | 409 B | 22600 | 4220 | 1900 | 2140 | 1950 | 795 B | 545 B | 415 B | 29 |
| 30 | 357 B | 277 B | 277 B | 435 B | 19500 | 3910 | 1740 | 2140 | 1910 | 800 B | 540 B | 430 B | 30 |
| 31 | 365 B | 268 B | 268 B | 435 B | 18700 | 3910 | 1650 | 2040 | 1910 | 790 B | 540 B | 435 B | 31 |
| TOTAL | 12172 | 9435 | 8920 | 8947 | 180824 | 245980 | 62840 | 72020 | 87400 | 39096 | 19535 | 14286 | TOTAL |
| MEAN | 393 | 325 | 288 | 298 | 5830 | 8200 | 2030 | 2320 | 2910 | 1260 | 651 | 461 | MEAN |
| AC-FT | 24100 | 18700 | 17700 | 17700 | 359000 | 488000 | 125000 | 143000 | 173000 | 77500 | 38700 | 28300 | AC-FT |
| MAX | 475 | 374 | 301 | 435 | 22600 | 16700 | 3810 | 4170 | 5680 | 1960 | 770 | 545 | MAX |
| MIN | 348 | 281 | 268 | 257 | 460 | 2930 | 1500 | 1660 | 1780 | 758 | 540 | 380 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 2080 CFS
 TOTAL DISCHARGE, 1510000 AC-FT
 MAXIMUM DAILY DISCHARGE, 22600 CFS ON MAY 29
 MINIMUM DAILY DISCHARGE, 257 CFS ON APR 3

TYPE OF GAUGE - MANUAL
 LOCATION - LAT 64 02 34 N
 LONG 139 24 28 W
 DRAINAGE AREA 3010 SQ MILES

B-ICE CONDITIONS
 E-ESTIMATED

NATURAL FLOW

KLUANE LAKE NEAR BURWASH LANDING - STATION NO. 09CA001

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|------|------|------|------|------|-------|-------|-------|-------|-------|------|------|-----|
| 1 | 8.04 | 7.83 | 7.84 | 7.77 | 7.66 | 9.08 | 11.28 | 13.69 | 13.03 | 10.62 | 8.88 | 8.19 | 1 |
| 2 | 8.01 | 7.83 | 7.83 | 7.75 | 7.64 | 9.17 | 11.36 | 13.71 | 12.98 | 10.54 | 8.86 | 8.17 | 2 |
| 3 | 7.98 | 7.83 | 7.82 | 7.74 | 7.64 | 9.23 | 11.44 | 13.73 | 12.88 | 10.49 | 8.83 | 8.15 | 3 |
| 4 | 7.96 | 7.82 | 7.83 | 7.74 | 7.63 | 9.24 | 11.50 | 13.74 | 12.85 | 10.33 | 8.74 | 8.14 | 4 |
| 5 | 7.96 | 7.82 | 7.83 | 7.73 | 7.65 | 9.28 | 11.58 | 13.70 | 12.78 | 10.20 | 8.70 | 8.12 | 5 |
| 6 | 7.97 | 7.85 | 7.85 | 7.73 | 7.64 | 9.29 | 11.70 | 13.73 | 12.73 | 10.22 | 8.69 | 8.11 | 6 |
| 7 | 7.96 | 7.85 | 7.83 | 7.73 | 7.65 | 9.29 | 11.83 | 13.76 | 12.71 | 10.20 | 8.66 | 8.09 | 7 |
| 8 | 7.97 | 7.82 | 7.81 | 7.73 | 7.69 | 9.30 | 11.97 | 13.80 | 12.66 | 10.11 | 8.63 | 8.06 | 8 |
| 9 | 8.01 | 7.83 | 7.79 | 7.73 | 7.75 | 9.30 | 12.12 | 13.86 | 12.54 | 9.98 | 8.63 | 8.03 | 9 |
| 10 | 7.96 | 7.85 | 7.81 | 7.73 | 7.83 | 9.31 | 12.28 | 13.91 | 12.49 | 9.85 | 8.61 | 8.04 | 10 |
| 11 | 7.96 | 7.86 | 7.81 | 7.73 | 7.89 | 9.32 | 12.41 | 13.90 | 12.42 | 9.79 | 8.57 | 8.02 | 11 |
| 12 | 7.94 | 7.85 | 7.81 | 7.70 | 7.92 | 9.36 | 12.51 | 13.85 | 12.28 | 9.81 | 8.58 | 8.01 | 12 |
| 13 | 7.93 | 7.86 | 7.81 | 7.70 | 7.96 | 9.47 | 12.57 | 13.79 | 12.24 | 9.71 | 8.52 | 7.98 | 13 |
| 14 | 7.94 | 7.88 | 7.80 | 7.71 | 8.00 | 9.59 | 12.62 | 13.77 | 12.19 | 9.65 | 8.49 | 7.99 | 14 |
| 15 | 7.96 | 7.90 | 7.79 | 7.71 | 8.03 | 9.74 | 12.69 | 13.75 | 12.16 | 9.63 | 8.45 | 8.00 | 15 |
| 16 | 7.97 | 7.90 | 7.79 | 7.70 | 8.06 | 9.91 | 12.74 | 13.78 | 12.13 | 9.54 | 8.43 | 7.97 | 16 |
| 17 | 7.96 | 7.88 | 7.79 | 7.68 | 8.07 | 10.03 | 12.87 | 13.80 | 12.15 | 9.43 | 8.42 | 7.97 | 17 |
| 18 | 7.96 | 7.88 | 7.79 | 7.63 | 8.07 | 10.17 | 12.91 | 13.82 | 11.93 | 9.44 | 8.38 | 7.96 | 18 |
| 19 | 7.94 | 7.88 | 7.78 | 7.66 | 8.08 | 10.24 | 12.96 | 13.79 | 11.82 | 9.43 | 8.34 | 7.94 | 19 |
| 20 | 7.92 | 7.87 | 7.78 | 7.66 | 8.14 | 10.32 | 13.13 | 13.78 | 11.72 | 9.35 | 8.32 | 7.93 | 20 |
| 21 | 7.91 | 7.87 | 7.77 | 7.66 | 8.17 | 10.38 | 13.22 | 13.79 | 11.63 | 9.32 | 8.28 | 7.92 | 21 |
| 22 | 7.91 | 7.86 | 7.77 | 7.67 | 8.27 | 10.46 | 13.30 | 13.78 | 11.47 | 9.26 | 8.25 | 7.93 | 22 |
| 23 | 7.92 | 7.84 | 7.77 | 7.67 | 8.29 | 10.49 | 13.37 | 13.77 | 11.33 | 9.23 | 8.27 | 7.91 | 23 |
| 24 | 7.89 | 7.87 | 7.77 | 7.65 | 8.28 | 10.62 | 13.42 | 13.79 | 11.28 | 9.24 | 8.24 | 7.88 | 24 |
| 25 | 7.87 | 7.87 | 7.77 | 7.64 | 8.31 | 10.72 | 13.46 | 13.73 | 11.17 | 9.16 | 8.27 | 7.88 | 25 |
| 26 | 7.86 | 7.85 | 7.76 | 7.65 | 8.36 | 10.81 | 13.51 | 13.61 | 11.02 | 9.12 | 8.24 | 7.87 | 26 |
| 27 | 7.83 | 7.86 | 7.75 | 7.67 | 8.42 | 10.88 | 13.52 | 13.52 | 10.99 | 9.12 | 8.19 | 7.86 | 27 |
| 28 | 7.80 | 7.88 | 7.76 | 7.66 | 8.52 | 10.99 | 13.50 | 13.46 | 10.84 | 8.95 | 8.19 | 7.82 | 28 |
| 29 | 7.84 | 7.86 | 7.77 | 7.65 | 8.63 | 11.10 | 13.51 | 13.32 | 10.78 | 8.99 | 8.20 | 7.82 | 29 |
| 30 | 7.86 | 7.86 | 7.78 | 7.66 | 8.79 | 11.20 | 13.60 | 13.23 | 10.64 | 8.96 | 8.23 | 7.83 | 30 |
| 31 | 7.86 | | 7.78 | | 8.95 | | 13.65 | 13.10 | | 8.90 | | 7.86 | 31 |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY WATER LEVEL, 13.91 FT ON AUG 10
 MINIMUM DAILY WATER LEVEL, 7.63 FT ON APR 18
 MAXIMUM INSTANTANEOUS WATER LEVEL,
 13.91 FT AT 1440 WYT ON AUG 10

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 03 18 N
 LONG 138 30 12 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.
 APPLY 2550.21 FT ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM.

KLUANE RIVER AT OUTLET OF KLUANE LAKE - STATION NO. 09CA002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 385 B | 366 B | 346 B | 387 B | 565 B | 2530 | 6000 | 10600 | 9300 | 4870 | 2250 | 1280 B | 1 |
| 2 | 383 B | 362 B | 343 B | 387 B | 585 B | 2650 | 6130 | 10700 | 9200 | 4750 | 2230 | 1230 B | 2 |
| 3 | 380 B | 360 B | 342 B | 388 B | 610 B | 2730 | 6260 | 10700 | 9000 | 4650 | 2190 | 1210 B | 3 |
| 4 | 376 B | 358 B | 341 B | 389 B | 641 B | 2750 | 6370 | 10700 | 8940 | 4410 | 2080 | 1200 B | 4 |
| 5 | 370 B | 356 B | 340 B | 393 B | 720 B | 2810 | 6520 | 10700 | 8820 | 4190 | 2010 | 1190 B | 5 |
| 6 | 365 B | 352 B | 340 B | 400 B | 820 B | 2820 | 6740 | 10700 | 8700 | 4240 | 2010 | 1180 B | 6 |
| 7 | 360 B | 349 B | 341 B | 410 B | 893 | 2820 | 6970 | 10800 | 8670 | 4200 | 1970 | 1170 B | 7 |
| 8 | 355 B | 350 B | 343 B | 418 B | 924 | 2830 | 7240 | 10900 | 8560 | 4050 | 1930 | 1150 B | 8 |
| 9 | 350 B | 352 B | 346 B | 418 B | 973 | 2830 | 7520 | 11000 | 8330 | 3840 | 1930 | 1130 B | 9 |
| 10 | 348 B | 361 B | 352 B | 418 B | 1040 | 2840 | 7820 | 11100 | 8240 | 3650 | 1920 | 1120 B | 10 |
| 11 | 346 B | 365 B | 361 B | 420 B | 1100 | 2860 | 8080 | 11100 | 8090 | 3560 | 1870 | 1100 B | 11 |
| 12 | 348 B | 367 B | 365 B | 435 B | 1130 | 2910 | 8270 | 11000 | 7830 | 3590 | 1880 | 1080 B | 12 |
| 13 | 350 B | 365 B | 368 B | 446 B | 1170 | 3070 | 8390 | 10800 | 7740 | 3430 | 1810 | 1070 B | 13 |
| 14 | 352 B | 362 B | 369 B | 452 B | 1210 | 3250 | 8490 | 10800 | 7660 | 3350 | 1770 | 1030 B | 14 |
| 15 | 353 B | 359 B | 369 B | 459 B | 1240 | 3480 | 8620 | 10800 | 7600 | 3310 | 1720 | 1000 B | 15 |
| 16 | 352 B | 350 B | 369 B | 461 B | 1270 | 3730 | 8740 | 10800 | 7540 | 3180 | 1690 | 960 B | 16 |
| 17 | 350 B | 348 B | 370 B | 462 B | 1280 | 3930 | 8990 | 10900 | 7570 | 3020 | 1690 | 920 B | 17 |
| 18 | 349 B | 345 B | 371 B | 463 B | 1280 | 4150 | 9080 | 10900 | 7150 | 3030 | 1640 | 875 B | 18 |
| 19 | 347 B | 346 B | 374 B | 470 B | 1290 | 4270 | 9170 | 10800 | 6950 | 3020 | 1590 | 830 B | 19 |
| 20 | 348 B | 349 B | 380 B | 485 B | 1350 | 4390 | 9520 | 10800 | 6770 | 2900 | 1570 | 795 B | 20 |
| 21 | 349 B | 350 B | 383 B | 495 B | 1390 | 4490 | 9700 | 10800 | 6610 | 2850 | 1520 | 760 B | 21 |
| 22 | 350 B | 355 B | 388 B | 499 B | 1500 | 4610 | 9860 | 10800 | 6320 | 2780 | 1480 | 735 B | 22 |
| 23 | 350 B | 360 B | 390 B | 500 B | 1530 | 4660 | 9980 | 10800 | 6070 | 2740 | 1510 | 710 B | 23 |
| 24 | 352 B | 359 B | 392 B | 502 B | 1520 | 4870 | 10100 | 10800 | 5990 | 2750 | 1470 | 700 B | 24 |
| 25 | 358 B | 357 B | 396 B | 504 B | 1550 | 5040 | 10200 | 10700 | 5800 | 2640 | 1500 | 700 B | 25 |
| 26 | 360 B | 355 B | 394 B | 510 B | 1610 | 5190 | 10300 | 10500 | 5540 | 2580 | 1460 | 700 B | 26 |
| 27 | 363 B | 353 B | 393 B | 519 B | 1680 | 5310 | 10300 | 10300 | 5490 | 2580 | 1410 | 700 B | 27 |
| 28 | 367 B | 350 B | 392 B | 525 B | 1800 | 5500 | 10200 | 10200 | 5240 | 2350 | 1390 B | 705 B | 28 |
| 29 | 369 B | 348 B | 390 B | 532 B | 1940 | 5680 | 10300 | 9900 | 5130 | 2390 | 1330 B | 710 B | 29 |
| 30 | 370 B | | 389 B | 542 B | 2130 | 5840 | 10400 | 9700 | 4900 | 2360 | 1300 B | 715 B | 30 |
| 31 | 369 B | | 388 B | | 2350 | | 10500 | 9460 | | 2280 | | 720 B | 31 |
| TOTAL | 11124 | 10309 | 11425 | 13689 | 39091 | 114840 | 266760 | 330560 | 219750 | 103550 | 52120 | 29375 | TOTAL |
| MEAN | 359 | 355 | 369 | 456 | 1260 | 3830 | 8610 | 10700 | 7330 | 3340 | 1740 | 948 | MEAN |
| AC-FT | 22100 | 20400 | 22700 | 27200 | 77500 | 228000 | 529000 | 656000 | 436000 | 205000 | 103000 | 58300 | AC-FT |
| MAX | 385 | 367 | 396 | 542 | 2350 | 5840 | 10500 | 11100 | 9300 | 4870 | 2250 | 1280 | MAX |
| MIN | 346 | 345 | 340 | 387 | 565 | 2530 | 6000 | 9460 | 4900 | 2280 | 1300 | 700 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 3290 CFS
 TOTAL DISCHARGE, 2390000 AC-FT
 MAXIMUM DAILY DISCHARGE, 11100 CFS ON AUG 10
 MINIMUM DAILY DISCHARGE, 340 CFS ON MAR 5
 MAXIMUM INSTANTANEOUS DISCHARGE
 11100 CFS AT 1440 WYT ON AUG 10

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 25 37 N
 LONG 139 02 56 W
 DRAINAGE AREA 1910 SQ MILES

B-ICE CONDITIONS

NATURAL FLOW

YUKON TERRITORY

KUSAWA LAKE NEAR WHITEHORSE - STATION NO. 09AC005

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|------|------|------|------|------|------|------|------|-------|-------|------|------|-----|
| 1 | 2.58 | --- | 2.01 | 1.91 | 1.86 | 3.81 | 8.14 | 8.31 | 7.85 | --- | 4.13 | 3.21 | 1 |
| 2 | 2.54 | --- | 2.02 | 1.91 | 1.85 | 4.22 | 7.99 | 8.25 | 7.71 | 5.68A | 4.07 | 3.21 | 2 |
| 3 | 2.52 | --- | 2.03 | 1.92 | 1.84 | 4.43 | 7.91 | 8.19 | 7.66 | 5.60 | 3.99 | 3.20 | 3 |
| 4 | 2.50 | --- | 2.04 | 1.93 | 1.86 | 4.58 | 7.90 | 8.22 | 7.61 | 5.53 | 3.84 | 3.16 | 4 |
| 5 | 2.49 | --- | 2.04 | 1.90 | 1.85 | 4.67 | 7.94 | 8.26 | 7.57 | 5.50 | 3.87 | 3.14 | 5 |
| 6 | 2.48 | --- | 2.04 | 1.90 | 1.85 | 4.72 | 8.01 | 8.34 | 7.46 | 5.41 | 3.93 | 3.11 | 6 |
| 7 | 2.43 | --- | 2.02 | 1.92 | 1.86 | 4.74 | 8.10 | 8.31 | 7.40 | 5.29 | 3.91 | 3.10 | 7 |
| 8 | --- | --- | 2.01 | 1.90 | 1.86 | 4.81 | 8.25 | 8.35 | 7.32 | 5.18 | 3.88 | 3.07 | 8 |
| 9 | --- | 2.22 | 2.00 | 1.90 | 1.88 | 4.88 | 8.39 | 8.46 | 7.24 | 5.21 | 3.85 | 3.06 | 9 |
| 10 | --- | 2.21 | 2.01 | 1.89 | 1.90 | 4.93 | 8.49 | 8.52 | 7.21 | 5.17 | 3.82 | 3.02 | 10 |
| 11 | --- | 2.20 | 2.00 | 1.88 | 1.93 | 5.00 | 8.58 | 8.58 | 7.10 | 5.15 | 3.78 | 3.00 | 11 |
| 12 | --- | 2.19 | 1.97 | 1.88 | 1.96 | 5.12 | 8.65 | 8.59 | 7.09 | 5.04 | 3.74 | 2.98 | 12 |
| 13 | --- | 2.19 | 1.98 | 1.90 | 2.00 | 5.42 | 8.75 | 8.61 | 7.04 | 4.98 | 3.70 | 2.98 | 13 |
| 14 | --- | 2.18 | 1.99 | 1.88 | 2.05 | 5.88 | 8.84 | 8.59 | 6.98 | 4.99 | 3.68 | 2.92 | 14 |
| 15 | --- | 2.18 | 1.98 | 1.87 | 2.09 | 6.40 | 8.82 | 8.52 | 6.89 | 4.93 | 3.68 | 2.90 | 15 |
| 16 | --- | 2.17 | 2.02 | 1.87 | 2.13 | 6.91 | 8.80 | 8.46 | 6.78 | 4.86 | 3.67 | 2.87 | 16 |
| 17 | --- | 2.16 | 2.00 | 1.86 | 2.17 | 7.35 | 8.72 | 8.43 | 6.66 | 4.83 | 3.63 | 2.86 | 17 |
| 18 | --- | 2.14 | 1.99 | 1.88 | 2.20 | 7.62 | 8.66 | 8.44 | 6.57 | 4.77 | 3.59 | 2.85 | 18 |
| 19 | --- | 2.12 | 2.00 | 1.85 | 2.23 | 7.77 | 8.61 | 8.46 | 6.51 | 4.73 | 3.56 | 2.82 | 19 |
| 20 | --- | 2.10 | 2.01 | 1.83 | 2.24 | 7.88 | 8.53 | 8.50 | 6.45 | 4.63 | 3.54 | 2.82 | 20 |
| 21 | --- | 2.10 | 2.00 | 1.84 | 2.26 | 8.00 | 8.50 | 8.52 | 6.22 | 4.60 | 3.55 | 2.80 | 21 |
| 22 | --- | 2.09 | 2.00 | 1.84 | 2.29 | 8.09 | 8.52 | 8.49 | 6.26 | 4.53 | 3.55 | 2.79 | 22 |
| 23 | --- | 2.09 | 1.98 | 1.84 | 2.34 | 8.25 | 8.53 | 8.48 | 6.29 | 4.51 | 3.51 | 2.77 | 23 |
| 24 | --- | 2.06 | 1.99 | 1.84 | 2.36 | 8.36 | 8.53 | 8.47 | 6.21 | 4.51 | 3.45 | 2.76 | 24 |
| 25 | --- | 2.03 | 1.99 | 1.83 | 2.41 | 8.42 | 8.54 | 8.40 | 6.13 | 4.41 | 3.41 | 2.72 | 25 |
| 26 | --- | 2.04 | 1.98 | 1.82 | 2.43 | 8.51 | 8.52 | 8.37 | 6.04 | 4.36 | 3.44 | 2.71 | 26 |
| 27 | --- | 2.02 | 1.98 | 1.83 | 2.48 | 8.54 | 8.56 | 8.33 | 5.92 | 4.30 | 3.38 | 2.72 | 27 |
| 28 | --- | 2.01 | 1.99 | 1.84 | 2.54 | 8.48 | 8.54 | 8.22 | 5.90A | 4.30 | 3.36 | 2.71 | 28 |
| 29 | --- | 2.01 | 1.97 | 1.86 | 2.63 | 8.38 | 8.51 | 8.18 | --- | 4.29 | 3.34 | 2.69 | 29 |
| 30 | --- | --- | 1.94 | 1.85 | 2.85 | 8.28 | 8.41 | 8.07 | --- | 4.20 | 3.26 | 2.69 | 30 |
| 31 | --- | --- | 1.93 | --- | 3.23 | --- | 8.35 | 7.95 | --- | 4.15 | --- | 2.68 | 31 |

SUMMARY FOR THE YEAR 1972

A-MANUAL GAUGE

MAXIMUM DAILY WATER LEVEL, 8.84 FT ON JUL 14
 MINIMUM DAILY WATER LEVEL, 1.82 FT ON APR 26
 MAXIMUM INSTANTANEOUS WATER LEVEL,
 8.87 FT AT 1332 YET ON JUL 14

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 35 16 N
 LONG 136 08 38 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.

LIARD RIVER AT UPPER CROSSING - STATION NO. 10AA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
| 1 | 3550 B | 2190 B | 2000 B | 1870 B | 2640 B | 101000 | 44800 | 23100 | 13500 | 11200 | 6000 B | 4300 B | 1 |
| 2 | 3500 B | 2180 B | 2000 B | 1900 B | 2710 B | 108000 | 42600 | 22600 | 12900 | 11900 | 6000 B | 4250 B | 2 |
| 3 | 3420 B | 2170 B | 1990 B | 1950 B | 2820 B | 103000 | 40900 | 21800 | 12500 | 12000 | 5800 B | 4250 B | 3 |
| 4 | 3400 B | 2170 B | 1980 B | 2000 B | 3000 B | 77500 | 39400 | 21200 | 12200 | 11600 | 5600 B | 4250 B | 4 |
| 5 | 3400 B | 2170 B | 1930 B | 2030 B | 3190 B | 63200 | 37800 | 21100 | 12100 | 11300 | 5400 B | 4270 B | 5 |
| 6 | 3390 B | 2180 B | 1900 B | 2090 B | 3400 B | 56200 | 36200 | 21500 | 10700 | 11300 | 5380 B | 4270 B | 6 |
| 7 | 3380 B | 2190 B | 1900 B | 2100 B | 3680 B | 55500 | 34800 | 21000 | 12500 | 11300 | 5300 B | 4270 B | 7 |
| 8 | 3350 B | 2190 B | 1900 B | 2100 B | 4000 B | 53900 | 33300 | 20700 | 12200 | 10900 | 5200 B | 4300 B | 8 |
| 9 | 3300 B | 2180 B | 1910 B | 2100 B | 4580 B | 53600 | 32200 | 20400 | 12000 | 10500 | 5100 B | 4300 B | 9 |
| 10 | 3250 B | 2180 B | 1940 B | 2100 B | 5200 B | 58300 | 31400 | 20700 | 11900 | 9180 | 5000 B | 4300 B | 10 |
| 11 | 3100 B | 2170 B | 1970 B | 2110 B | 6000 B | 69300 | 29900 | 20900 | 11800 | 8840 | 5000 B | 4250 B | 11 |
| 12 | 3000 B | 2150 B | 1980 B | 2120 B | 7600 B | 71700 | 28600 | 20600 | 11700 | 8860 | 5000 B | 4210 B | 12 |
| 13 | 2950 B | 2120 B | 1990 B | 2140 B | 9800 B | 70000 | 27400 | 19800 | 11700 | 9450 | 5000 B | 4100 B | 13 |
| 14 | 2900 B | 2110 B | 1990 B | 2180 B | 12700 B | 73400 | 26200 | 18900 | 11700 | 9420 | 5000 B | 4000 B | 14 |
| 15 | 2880 B | 2110 B | 1990 B | 2200 B | 15000 B | 76500 | 25000 | 18200 | 11600 | 9060 | 5000 B | 3950 B | 15 |
| 16 | 2850 B | 2110 B | 1980 B | 2200 B | 14800 B | 75300 | 24100 | 17600 | 11600 | 9120 | 5000 B | 3900 B | 16 |
| 17 | 2850 B | 2100 B | 1950 B | 2200 B | 14600 | 71300 | 23000 | 17200 | 12400 | 9060 | 4950 B | 3850 B | 17 |
| 18 | 2800 B | 2100 B | 1930 B | 2200 B | 13600 | 68600 | 21900 | 16900 | 12800 | 8860 | 4850 B | 3770 B | 18 |
| 19 | 2770 B | 2080 B | 1900 B | 2210 B | 13900 | 65400 | 21500 | 16800 | 12900 | 8780 | 4800 B | 3700 B | 19 |
| 20 | 2730 B | 2020 B | 1900 B | 2260 B | 16300 | 60100 | 20600 | 16700 | 12600 | 8620 | 4800 B | 3700 B | 20 |
| 21 | 2700 B | 2000 B | 1890 B | 2310 B | 24200 | 57700 | 20000 | 16100 | 12900 | 7780 | 4800 B | 3670 B | 21 |
| 22 | 2640 B | 1990 B | 1890 B | 2340 B | 38800 | 57600 | 20000 | 15500 | 12200 | 7760 | 4800 B | 3630 B | 22 |
| 23 | 2580 B | 1990 B | 1900 B | 2370 B | 42800 | 53700 | 20100 | 15000 | 12000 | 7760 | 4800 B | 3600 B | 23 |
| 24 | 2500 B | 1990 B | 1900 B | 2370 B | 35800 | 50700 | 20300 | 14500 | 11600 | 8110 | 4750 B | 3570 B | 24 |
| 25 | 2450 B | 1990 B | 1890 B | 2380 B | 30500 | 49300 | 20200 | 14100 | 11400 | 8350 | 4650 B | 3570 B | 25 |
| 26 | 2400 B | 2000 B | 1870 B | 2400 B | 28100 | 47600 | 21900 | 13900 | 11300 | 8050 | 4600 B | 3600 B | 26 |
| 27 | 2350 B | 2000 B | 1840 B | 2440 B | 28600 | 46200 | 26800 | 13700 | 10900 | 7490 | 4600 B | 3600 B | 27 |
| 28 | 2300 B | 2000 B | 1820 B | 2480 B | 40800 | 48500 | 28700 | 13900 | 10900 | 7030 | 4550 B | 3600 B | 28 |
| 29 | 2270 B | 2000 B | 1820 B | 2500 B | 57800 | 48800 | 27200 | 14000 | 10800 | 5720 | 4450 B | 3600 B | 29 |
| 30 | 2230 B | --- | 1830 B | 2560 B | 71400 | 47000 | 24800 | 13900 | 10700 | 5720 | 4400 B | 3600 B | 30 |
| 31 | 2220 B | --- | 1840 B | --- | 86900 | --- | 23800 | 13600 | --- | 5900 B | --- | 3580 B | 31 |
| TOTAL | 89410 | 60830 | 59520 | 66210 | 645220 | 1938900 | 875400 | 555900 | 358000 | 280920 | 150580 | 121810 | TOTAL |
| MEAN | 2880 | 2100 | 1920 | 2210 | 20800 | 64600 | 28200 | 17900 | 11900 | 9060 | 5020 | 3930 | MEAN |
| AC-FT | 177000 | 121000 | 118000 | 131000 | 1280000 | 3850000 | 1740000 | 1100000 | 710000 | 557000 | 299000 | 242000 | AC-FT |
| MAX | 3550 | 2190 | 2000 | 2560 | 86900 | 108000 | 44800 | 23100 | 13500 | 12000 | 6000 | 4300 | MAX |
| MIN | 2220 | 1990 | 1820 | 1870 | 2640 | 46200 | 20000 | 13600 | 10700 | 5720 | 4400 | 3570 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 14200 CFS
 TOTAL DISCHARGE, 10300000 AC-FT
 MAXIMUM DAILY DISCHARGE, 108000 CFS ON JUN 2
 MINIMUM DAILY DISCHARGE, 1820 CFS ON MAR 28

TYPE OF GAUGE - MANUAL
 LOCATION - LAT 60 03 00 N
 LONG 128 54 00 W
 DRAINAGE AREA 12500 SQ MILES

B-ICE CONDITIONS

NATURAL FLOW

LUBBOCK RIVER NEAR ATLIN - STATION NO. 09AA007

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| 1 | 104 B | 99.0 B | 81.0 B | 93.5 B | 227 B | 771 | 305 | 180 | 134 | 169 | 165 B | 152 B | 1 |
| 2 | 101 B | 103 B | 80.5 B | 93.0 B | 244 B | 807 | 297 | 175 | 133 | 171 | 162 B | 148 B | 2 |
| 3 | 97.5 B | 100 B | 80.2 B | 92.5 B | 255 B | 824 | 288 | 174 | 134 | 169 | 159 B | 143 B | 3 |
| 4 | 96.5 B | 92.0 B | 80.2 B | 92.5 B | 270 B | 833 | 276 | 188 | 133 | 170 | 158 B | 141 B | 4 |
| 5 | 96.5 B | 86.7 B | 81.9 B | 93.0 B | 284 B | 831 | 263 | 180 | 134 | 168 | 158 B | 140 B | 5 |
| 6 | 97.0 B | 86.5 B | 82.0 B | 93.5 B | 294 B | 825 | 251 | 171 | 140 | 175 | 159 B | 140 B | 6 |
| 7 | 97.5 B | 88.5 B | 81.3 B | 93.8 B | 305 B | 806 | 242 | 168 | 142 | 177 | 161 B | 140 B | 7 |
| 8 | 96.5 B | 92.5 B | 80.7 B | 94.0 B | 316 B | 771 | 236 | 178 | 141 | 180 | 164 B | 140 B | 8 |
| 9 | 94.0 B | 96.6 B | 80.0 B | 94.5 B | 330 B | 741 | 230 | 192 | 142 | 178 | 167 B | 139 B | 9 |
| 10 | 91.0 B | 96.0 B | 79.5 B | 95.2 B | 339 B | 703 | 221 | 188 | 145 | 176 | 168 B | 138 B | 10 |
| 11 | 87.5 B | 93.3 B | 81.5 B | 96.0 B | 349 B | 676 | 215 | 183 | 153 | 164 | 168 B | 136 B | 11 |
| 12 | 85.0 B | 92.5 B | 86.0 B | 97.0 B | 355 B | 648 | 206 | 178 | 151 | 161 | 169 B | 134 B | 12 |
| 13 | 83.5 B | 92.0 B | 91.0 B | 99.7 B | 369 B | 614 | 197 | 172 | 147 | 164 | 170 B | 130 B | 13 |
| 14 | 83.5 B | 90.5 B | 97.0 B | 102 B | 373 B | 579 | 189 | 169 | 149 | 167 | 168 B | 127 B | 14 |
| 15 | 84.5 B | 89.0 B | 99.0 B | 103 B | 375 B | 555 | 182 | 172 | 153 | 171 | 166 B | 125 B | 15 |
| 16 | 85.5 B | 86.5 B | 100 B | 107 B | 378 | 523 | 178 | 169 | 160 | 172 | 163 B | 123 B | 16 |
| 17 | 86.0 B | 82.5 B | 95.0 B | 114 B | 382 | 512 | 178 | 170 | 173 | 173 | 160 B | 122 B | 17 |
| 18 | 86.3 B | 80.5 B | 97.0 B | 116 B | 390 | 490 | 179 | 171 | 177 | 172 | 160 B | 121 B | 18 |
| 19 | 86.0 B | 81.0 B | 96.0 B | 119 B | 401 | 473 | 174 | 166 | 171 | 173 | 161 B | 120 B | 19 |
| 20 | 85.5 B | 89.0 B | 96.3 B | 124 B | 429 | 461 | 171 | 158 | 170 | 172 | 166 B | 119 B | 20 |
| 21 | 85.0 B | 96.5 B | 97.8 B | 135 B | 463 | 446 | 172 | 151 | 169 | 170 | 171 B | 120 B | 21 |
| 22 | 84.5 B | 100 B | 96.7 B | 140 B | 489 | 431 | 170 | 149 | 167 | 170 | 175 B | 121 B | 22 |
| 23 | 83.0 B | 102 B | 95.8 B | 146 B | 518 | 415 | 182 | 145 | 164 | 172 | 172 B | 123 B | 23 |
| 24 | 82.0 B | 102 B | 93.0 B | 157 B | 537 | 391 | 190 | 142 | 163 | 175 | 177 B | 128 B | 24 |
| 25 | 81.5 B | 96.0 B | 92.0 B | 164 B | 555 | 386 | 188 | 142 | 163 | 174 B | 173 B | 138 B | 25 |
| 26 | 82.0 B | 88.0 B | 93.0 B | 177 B | 568 | 372 | 197 | 146 | 161 | 172 B | 169 B | 145 B | 26 |
| 27 | 83.0 B | 84.3 B | 95.2 B | 184 B | 584 | 350 | 195 | 140 | 163 | 167 B | 165 B | 152 B | 27 |
| 28 | 85.0 B | 83.0 B | 95.0 B | 195 B | 624 | 332 | 187 | 139 | 165 | 164 B | 163 B | 154 B | 28 |
| 29 | 87.5 B | 82.0 B | 94.7 B | 204 B | 643 | 320 | 184 | 143 | 169 | 163 B | 159 B | 154 B | 29 |
| 30 | 91.0 B | | 94.0 B | 217 B | 701 | 314 | 184 | 139 | 170 | 164 B | 155 B | 154 B | 30 |
| 31 | 94.0 B | | 93.5 B | | 710 | | 184 | 135 | | 165 B | | 151 B | 31 |
| TOTAL | 2763.3 | 2651.4 | 2790.8 | 3732.2 | 13057 | 17200 | 6511 | 5073 | 4636 | 5278 | 4955 | 4218 | TOTAL |
| MEAN | 89.1 | 91.4 | 90.0 | 124 | 421 | 573 | 210 | 164 | 155 | 170 | 165 | 136 | MEAN |
| AC-FT | 5480 | 5260 | 5540 | 7400 | 25900 | 34100 | 12900 | 10100 | 9200 | 10500 | 9830 | 8370 | AC-FT |
| MAX | 104 | 103 | 100 | 217 | 710 | 833 | 305 | 192 | 177 | 180 | 177 | 154 | MAX |
| MIN | 81.5 | 80.5 | 79.5 | 92.5 | 227 | 314 | 170 | 135 | 133 | 161 | 155 | 119 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 199 CFS
 TOTAL DISCHARGE, 145000 AC-FT
 MAXIMUM DAILY DISCHARGE, 833 CFS ON JUN 4
 MINIMUM DAILY DISCHARGE, 79.5 CFS ON MAR 10
 MAXIMUM INSTANTANEOUS DISCHARGE
 835 CFS AT 1542 YET ON JUN 4

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 04 52 N
 LONG 133 51 30 W
 DRAINAGE AREA 650 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

M'CLINTOCK RIVER NEAR WHITEHORSE - STATION NO. 09AB008

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 107 B | 92.0 B | 68.0 B | 66.6 B | 100 B | 3680 | 545 | 414 | 362 | 339 | 224 B | 162 B | 1 |
| 2 | 106 B | 91.4 B | 67.0 B | 66.4 B | 103 B | 3230 | 517 | 399 | 355 | 345 | 218 B | 161 B | 2 |
| 3 | 105 B | 90.8 B | 66.0 B | 66.3 B | 107 B | 2680 | 508 | 396 | 346 | 344 | 214 B | 160 B | 3 |
| 4 | 104 B | 90.0 B | 65.4 B | 66.2 B | 114 B | 2170 | 497 | 437 | 339 | 325 | 210 B | 159 B | 4 |
| 5 | 104 B | 89.0 B | 65.0 B | 66.2 B | 121 B | 1870 | 486 | 511 | 334 | 328 | 209 B | 158 B | 5 |
| 6 | 103 B | 88.0 B | 64.4 B | 66.4 B | 127 B | 1770 | 467 | 488 | 344 | 324 | 208 B | 158 B | 6 |
| 7 | 103 B | 87.6 B | 64.0 B | 66.6 B | 137 B | 1630 | 431 | 475 | 366 | 321 | 207 B | 157 B | 7 |
| 8 | 102 B | 86.8 B | 63.6 B | 67.0 B | 146 B | 1530 | 438 | 486 | 356 | 304 | 206 B | 156 B | 8 |
| 9 | 102 B | 86.0 B | 63.8 B | 67.2 B | 160 B | 1510 | 456 | 693 | 342 | 289 B | 205 B | 154 B | 9 |
| 10 | 101 B | 85.5 B | 63.7 B | 67.5 B | 169 B | 1650 | 448 | 671 | 339 | 281 B | 205 B | 152 B | 10 |
| 11 | 101 B | 85.0 B | 63.9 B | 68.0 B | 182 B | 1640 | 438 | 606 | 355 | 274 B | 204 B | 149 B | 11 |
| 12 | 100 B | 84.5 B | 63.7 B | 68.2 B | 197 B | 1840 | 428 | 575 | 357 | 271 B | 204 B | 147 B | 12 |
| 13 | 99.2 B | 84.0 B | 64.0 B | 68.5 B | 220 B | 2160 | 428 | 548 | 346 | 269 B | 203 B | 144 B | 13 |
| 14 | 98.4 B | 83.5 B | 64.4 B | 69.0 B | 240 B | 2170 | 431 | 530 | 333 | 268 B | 202 B | 141 B | 14 |
| 15 | 98.0 B | 83.0 B | 64.8 B | 69.6 B | 286 B | 2080 | 425 | 519 | 336 | 267 B | 200 B | 138 B | 15 |
| 16 | 97.6 B | 82.4 B | 65.2 B | 70.4 B | 328 B | 1870 | 415 | 501 | 374 | 267 B | 198 B | 136 B | 16 |
| 17 | 97.2 B | 80.0 B | 65.6 B | 71.2 B | 420 | 1640 | 408 | 500 | 390 | 265 B | 194 B | 135 B | 17 |
| 18 | 96.8 B | 78.2 B | 66.0 B | 72.0 B | 430 | 1460 | 412 | 500 | 383 | 262 B | 190 B | 134 B | 18 |
| 19 | 96.6 B | 77.8 B | 66.2 B | 73.0 B | 416 | 1300 | 410 | 475 | 369 | 259 B | 188 B | 133 B | 19 |
| 20 | 96.4 B | 77.9 B | 66.0 B | 73.8 B | 520 | 1190 | 400 | 449 | 359 | 254 B | 187 B | 132 B | 20 |
| 21 | 96.2 B | 78.0 B | 66.4 B | 74.6 B | 757 | 1100 | 389 | 429 | 352 | 250 B | 188 B | 131 B | 21 |
| 22 | 96.0 B | 78.0 B | 66.8 B | 76.0 B | 916 | 981 | 383 | 412 | 345 | 245 B | 188 B | 130 B | 22 |
| 23 | 95.6 B | 77.5 B | 66.8 B | 77.5 B | 822 | 903 | 379 | 404 | 334 | 240 B | 187 B | 129 B | 23 |
| 24 | 95.2 B | 77.0 B | 66.4 B | 79.0 B | 765 | 846 | 384 A | 401 | 321 | 237 B | 186 B | 129 B | 24 |
| 25 | 94.6 B | 75.8 B | 66.4 B | 81.0 B | 811 | 792 | 400 | 397 | 318 | 234 B | 184 B | 128 B | 25 |
| 26 | 94.0 B | 74.0 B | 66.4 B | 83.0 B | 866 | 743 | 406 | 410 | 310 | 231 B | 180 B | 128 B | 26 |
| 27 | 93.5 B | 72.4 B | 66.5 B | 86.5 B | 1130 | 695 | 414 | 414 | 317 | 229 B | 175 B | 128 B | 27 |
| 28 | 93.0 B | 70.4 B | 66.5 B | 89.0 B | 2100 | 656 | 417 | 395 | 310 | 230 B | 170 B | 127 B | 28 |
| 29 | 93.0 B | 69.0 B | 66.6 B | 92.5 B | 2810 | 612 | 410 | 388 | 320 | 231 B | 166 B | 126 B | 29 |
| 30 | 92.5 B | | 66.8 B | 96.0 B | 3010 | 577 | 423 | 382 | 326 | 230 B | 163 B | 125 B | 30 |
| 31 | 92.0 B | | 66.6 B | | 3550 | | 428 | 370 | | 228 B | | 124 B | 31 |
| TOTAL | 3053.8 | 2375.5 | 2032.9 | 2205.2 | 22060 | 46975 | 13421 | 14575 | 10338 | 8441 | 5863 | 4461 | TOTAL |
| MEAN | 98.5 | 81.9 | 65.6 | 73.5 | 712 | 1570 | 433 | 470 | 345 | 272 | 195 | 144 | MEAN |
| AC-FT | 6060 | 4710 | 4030 | 4370 | 43800 | 93200 | 26600 | 28900 | 20500 | 16700 | 11600 | 8850 | AC-FT |
| MAX | 107 | 92 | 68 | 96 | 3550 | 3680 | 545 | 693 | 390 | 345 | 224 | 218 | MAX |
| MIN | 92.0 | 69.0 | 63.6 | 66.2 | 100 | 577 | 379 | 370 | 310 | 228 | 163 | 124 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 371 CFS
 TOTAL DISCHARGE, 269000 AC-FT
 MAXIMUM DAILY DISCHARGE, 3680 CFS ON JUN 8
 MINIMUM DAILY DISCHARGE, 63.6 CFS ON MAR 8
 MAXIMUM INSTANTANEOUS DISCHARGE
 3980 CFS AT 0044 YET ON JUN 1

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 36 45 N
 LONG 134 27 27 W
 DRAINAGE AREA 597 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 NATURAL FLOW

YUKON TERRITORY

MARSH LAKE NEAR WHITEHORSE - STATION NO. 09AB004

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-------|------|------|------|------|------|------|-------|------|------|------|------|-----|
| 1 | 6.68 | 5.61 | 4.46 | 3.39 | 1.88 | 2.86 | 6.54 | 8.48 | 9.96 | 8.98 | 8.23 | 7.44 | 1 |
| 2 | 6.63A | 5.58 | 4.52 | 3.35 | 1.83 | 3.01 | 6.50 | 8.50 | 9.93 | 8.99 | 8.20 | 7.42 | 2 |
| 3 | --- | 5.58 | 4.38 | 3.32 | 1.79 | 3.11 | 6.50 | 8.52 | 9.89 | 8.89 | 8.18 | 7.40 | 3 |
| 4 | --- | 5.55 | 4.34 | 3.29 | 1.73 | 3.15 | 6.50 | 8.58 | 9.90 | 8.80 | 8.14 | 7.38 | 4 |
| 5 | --- | 5.48 | 4.29 | 3.25 | 1.68 | 3.25 | 6.52 | 8.68 | 9.91 | 8.80 | 8.14 | 7.36 | 5 |
| 6 | --- | 5.45 | 4.26 | 3.21 | 1.66 | 3.39 | 6.56 | 8.76 | 9.90 | 8.71 | 8.17 | 7.30 | 6 |
| 7 | --- | 5.42 | 4.24 | 3.17 | 1.64 | 3.57 | 6.62 | 8.83 | 9.89 | 8.69 | 8.17 | 7.28 | 7 |
| 8 | --- | 5.36 | 4.15 | 3.12 | 1.64 | 3.85 | 6.66 | 8.88 | 9.86 | 8.51 | 8.16 | 7.27 | 8 |
| 9 | --- | 5.33 | 4.10 | 3.08 | 1.64 | 4.10 | 6.76 | 8.95 | 9.83 | 8.45 | 8.14 | 7.27 | 9 |
| 10 | --- | 5.31 | 4.06 | 3.06 | 1.69 | 4.23 | 6.87 | 9.00 | 9.81 | 8.46 | 8.13 | 7.25 | 10 |
| 11 | 6.27A | 5.30 | 4.01 | 3.01 | 1.75 | 4.17 | 6.97 | 9.07 | 9.79 | 8.58 | 8.12 | 7.21 | 11 |
| 12 | 6.23 | 5.26 | 3.98 | 2.94 | 1.77 | 4.13 | 7.08 | 9.18 | 9.77 | 8.54 | 8.04 | 7.19 | 12 |
| 13 | 6.20 | 5.24 | 3.98 | 2.93 | 1.79 | 4.22 | 7.23 | 9.28 | 9.84 | 8.46 | 8.00 | 7.18 | 13 |
| 14 | 6.15 | 5.21 | 3.97 | 2.89 | 1.81 | 4.35 | 7.39 | 9.34 | 9.79 | 8.46 | 7.94 | 7.17 | 14 |
| 15 | 6.13 | 5.19 | 3.97 | 2.84 | 1.81 | 4.52 | 7.50 | 9.38 | 9.71 | 8.47 | 7.91 | 7.15 | 15 |
| 16 | 6.11 | 5.15 | 4.00 | 2.80 | 1.80 | 4.71 | 7.56 | 9.42 | 9.66 | 8.47 | 7.90 | 7.12 | 16 |
| 17 | 6.09 | 5.09 | 4.01 | 2.76 | 1.76 | 4.92 | 7.61 | 9.43 | 9.61 | 8.45 | 7.85 | 7.13 | 17 |
| 18 | 6.06 | 5.05 | 3.98 | 2.69 | 1.73 | 5.11 | 7.64 | 9.48 | 9.53 | 8.41 | 7.80 | 7.13 | 18 |
| 19 | 6.04 | 4.97 | 3.98 | 2.63 | 1.73 | 5.31 | 7.67 | 9.53 | 9.47 | 8.39 | 7.76 | 7.12 | 19 |
| 20 | 5.98 | 4.93 | 3.97 | 2.57 | 1.76 | 5.46 | 7.71 | 9.62 | 9.45 | 8.36 | 7.74 | 7.10 | 20 |
| 21 | 5.96 | 4.88 | 3.96 | 2.52 | 1.79 | 5.61 | 7.74 | 9.69 | 9.35 | 8.34 | 7.75 | 7.08 | 21 |
| 22 | 5.88 | 4.83 | 3.91 | 2.47 | 1.86 | 5.76 | 7.80 | 9.74 | 9.32 | 8.31 | 7.78 | 7.03 | 22 |
| 23 | 5.87 | 4.78 | 3.87 | 2.41 | 1.91 | 5.89 | 7.92 | 9.78 | 9.31 | 8.29 | 7.75 | 7.00 | 23 |
| 24 | 5.82 | 4.77 | 3.83 | 2.35 | 1.92 | 6.02 | 8.01 | 9.88 | 9.29 | 8.30 | 7.66 | 6.98 | 24 |
| 25 | 5.80 | 4.72 | 3.78 | 2.28 | 1.92 | 6.10 | 8.10 | 9.92 | 9.23 | 8.25 | 7.63 | 6.98 | 25 |
| 26 | 5.77 | 4.69 | 3.76 | 2.21 | 1.94 | 6.30 | 8.21 | 9.93 | 9.18 | 8.26 | 7.65 | 6.99 | 26 |
| 27 | 5.72 | 4.63 | 3.71 | 2.13 | 1.98 | 6.41 | 8.31 | 9.98 | 9.09 | 8.24 | 7.58 | 6.98 | 27 |
| 28 | 5.72 | 4.60 | 3.66 | 2.06 | 2.08 | 6.54 | 8.37 | 9.97 | 9.01 | 8.29 | 7.55 | 6.96 | 28 |
| 29 | 5.70 | 4.52 | 3.63 | 2.01 | 2.24 | 6.63 | 8.40 | 9.98 | 8.98 | 8.34 | 7.59 | 6.92 | 29 |
| 30 | 5.71 | | 3.58 | 1.95 | 2.42 | 6.47 | 8.44 | 10.05 | 8.97 | 8.32 | 7.50 | 6.91 | 30 |
| 31 | 5.69 | | 3.46 | | 2.62 | | 8.46 | 9.99 | | 8.24 | | 6.88 | 31 |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY WATER LEVEL, 10.05 FT ON AUG 30
 MINIMUM DAILY WATER LEVEL, 1.64 FT ON MAY 7
 MAXIMUM INSTANTANEOUS WATER LEVEL, 10.06 FT AT 0845 YET ON AUG 30

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 30 46 N
 LONG 134 19 34 W

A-MANUAL GAUGE

REGULATED SINCE 1969

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.
 APPLY 2143.56 FT ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM.

PEEL RIVER ABOVE CANYON CREEK - STATION NO. 10MA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|-------|-------|-------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 1010 B | 755 B | 658 B | 758 B | 864 B | 67300 A | 22400 | 6600 | 6610 | 5330 | 2420 B | 1470 B | 1 |
| 2 | 990 B | 746 B | 655 B | 757 B | 882 B | 54900 | 18600 | 12300 | 6760 | 5280 | 2310 B | 1460 B | 2 |
| 3 | 985 B | 730 B | 657 B | 758 B | 896 B | 46600 | 15000 | 12600 | 7890 | 5030 | 2190 B | 1470 B | 3 |
| 4 | 980 B | 705 B | 659 B | 762 B | 904 B | 32400 | 12100 | 9730 | 9460 | 4550 | 2120 B | 1470 B | 4 |
| 5 | 975 B | 683 B | 663 B | 768 B | 914 B | 22900 | 10000 | 7910 | 9640 | 4080 | 2060 B | 1480 B | 5 |
| 6 | 955 B | 670 B | 670 B | 780 B | 920 B | 18400 | 8700 | 6960 | 8780 | 4170 | 2030 B | 1520 B | 6 |
| 7 | 920 B | 672 B | 678 B | 795 B | 920 B | 21100 | 7850 | 6800 | 8360 | 4250 | 2020 B | 1550 B | 7 |
| 8 | 850 B | 682 B | 685 B | 805 B | 960 B | 25700 | 7290 | 7610 | 8130 | 4150 | 2010 B | 1560 B | 8 |
| 9 | 800 B | 704 B | 698 B | 810 B | 990 B | 22300 | 6950 | 9090 | 8390 | 3940 | 2000 B | 1570 B | 9 |
| 10 | 785 B | 714 B | 704 B | 808 B | 1010 B | 21800 | 6520 | 10100 | 8630 | 3830 | 2000 B | 1560 B | 10 |
| 11 | 775 B | 720 B | 708 B | 804 B | 1050 B | 49300 | 6120 | 9430 | 8660 | 3650 | 1990 B | 1540 B | 11 |
| 12 | 765 B | 710 B | 714 B | 800 B | 1110 B | 41100 | 5740 | 8370 | 8730 | 3680 | 1970 B | 1500 B | 12 |
| 13 | 766 B | 700 B | 712 B | 798 B | 1160 B | 30000 | 5500 | 7890 | 9710 | 3740 | 1930 B | 1400 B | 13 |
| 14 | 767 B | 680 B | 716 B | 790 B | 1240 B | 28200 | 5350 | 7790 | 13700 | 3930 | 1850 B | 1320 B | 14 |
| 15 | 763 B | 666 B | 719 B | 778 B | 1320 B | 26200 | 5310 | 7450 | 17700 | 3800 | 1780 B | 1280 B | 15 |
| 16 | 760 B | 658 B | 724 B | 764 B | 1440 B | 23900 | 5270 | 7130 | 18900 | 3700 | 1720 B | 1270 B | 16 |
| 17 | 750 B | 654 B | 732 B | 762 B | 1600 B | 21200 | 5300 | 7010 | 17400 | 3690 | 1700 B | 1270 B | 17 |
| 18 | 730 B | 648 B | 744 B | 760 B | 1800 B | 17300 | 5600 | 7800 | 14900 | 3850 | 1690 B | 1260 B | 18 |
| 19 | 695 B | 644 B | 752 B | 764 B | 2220 B | 15100 | 6160 | 9880 | 12700 | 3590 | 1680 B | 1230 B | 19 |
| 20 | 675 B | 654 B | 766 B | 776 B | 2930 B | 12600 | 6040 | 10500 | 11000 | 3140 | 1680 B | 1200 B | 20 |
| 21 | 658 B | 664 B | 780 B | 786 B | 3700 B | 9870 | 6170 | 9400 | 9610 | 3050 B | 1690 B | 1150 B | 21 |
| 22 | 648 B | 685 B | 790 B | 790 B | 5600 B | 8260 | 7050 | 8590 | 8630 | 2960 B | 1680 B | 1080 B | 22 |
| 23 | 645 B | 703 B | 795 B | 791 B | 9450 B | 7540 | 6860 | 7930 | 7400 | 2950 B | 1670 B | 1040 B | 23 |
| 24 | 642 B | 712 B | 805 B | 790 B | 13000 A | 7370 | 6260 | 7420 | 6870 | 2940 B | 1650 B | 1030 B | 24 |
| 25 | 645 B | 708 B | 807 B | 788 B | 14200 A | 14500 | 5800 | 7260 | 6480 | 2780 B | 1630 B | 1020 B | 25 |
| 26 | 650 B | 695 B | 805 B | 784 B | 22600 A | 34500 | 5440 | 7780 | 6180 | 2680 B | 1590 B | 1030 B | 26 |
| 27 | 660 B | 685 B | 800 B | 790 B | 36100 A | 42500 | 5250 | 7370 | 5750 | 2590 B | 1550 B | 1040 B | 27 |
| 28 | 680 B | 670 B | 796 B | 804 B | 49900 A | 38200 | 5080 | 7170 | 5680 | 2510 B | 1520 B | 1040 B | 28 |
| 29 | 720 B | 660 B | 790 B | 828 B | 74400 A | 32300 | 5250 | 7230 | 5640 | 2480 B | 1500 B | 1050 B | 29 |
| 30 | 740 B | | 778 B | 846 B | 84500 A | 26300 | 6450 | 7060 | 5470 | 2490 B | 1480 B | 1070 B | 30 |
| 31 | 748 B | | 768 B | | 70300 A | | 7220 | 6750 | | 2470 B | | 1100 B | 31 |
| TOTAL | 24132 | 19977 | 22728 | 23594 | 408880 | 819640 | 238630 | 256910 | 283760 | 111280 | 55110 | 40030 | TOTAL |
| MEAN | 778 | 689 | 733 | 786 | 13200 | 27300 | 7700 | 8290 | 9460 | 3590 | 1840 | 1290 | MEAN |
| AC-FT | 47900 | 39600 | 45100 | 46800 | 81000 | 163000 | 473000 | 510000 | 563000 | 221000 | 109000 | 79400 | AC-FT |
| MAX | 1010 | 755 | 807 | 846 | 84500 | 67300 | 22400 | 12600 | 18900 | 5330 | 2420 | 1570 | MAX |
| MIN | 642 | 644 | 655 | 757 | 864 | 7370 | 5080 | 6600 | 5470 | 2470 | 1480 | 1020 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 6300 CFS
 TOTAL DISCHARGE, 4580000 AC-FT
 MAXIMUM DAILY DISCHARGE, 84500 CFS ON MAY 30
 MINIMUM DAILY DISCHARGE, 642 CFS ON JAN 24
 MAXIMUM INSTANTANEOUS DISCHARGE
 93900 CFS AT 0940 YET ON MAY 30

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 65 53 40 N
 LONG 136 02 10 W
 DRAINAGE AREA 10200 SQ MILES

A-MANUAL GAUGE

B-ICE CONDITIONS

NATURAL FLOW

YUKON TERRITORY

PELLY RIVER AT Pelly Crossing - STATION NO. 09BC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
| 1 | 2450 B | 1590 B | 1410 B | 1420 B | 1470 B | 98900 | 68800 | 29500 | 13500 | 9910 | 4000 B | 3800 B | 1 |
| 2 | 2370 B | 1580 B | 1400 B | 1420 B | 1500 B | 108000 | 75400 | 30800 | 13200 | 9890 | 3950 B | 3800 B | 2 |
| 3 | 2250 B | 1550 B | 1400 B | 1430 B | 1580 B | 116000 | 76500 | 30500 | 12900 | 9980 | 3900 B | 3790 B | 3 |
| 4 | 2180 B | 1520 B | 1400 B | 1440 B | 1700 B | 121000 | 60300 | 28800 | 12700 | 9740 | 3900 B | 3760 B | 4 |
| 5 | 2120 B | 1520 B | 1400 B | 1450 B | 1900 B | 119000 | 51200 | 27800 | 12500 | 9450 | 3850 B | 3740 B | 5 |
| 6 | 2100 B | 1520 B | 1400 B | 1440 B | 2300 B | 107000 | 46000 | 27400 | 12500 | 9330 | 3820 B | 3720 B | 6 |
| 7 | 2090 B | 1530 B | 1400 B | 1430 B | 3000 B | 81500 | 41100 | 26700 | 12600 | 9210 | 3800 B | 3700 B | 7 |
| 8 | 2080 B | 1550 B | 1400 B | 1420 B | 4200 B | 66900 | 37100 | 26100 | 12900 | 8780 | 3800 B | 3700 B | 8 |
| 9 | 2040 B | 1580 B | 1400 B | 1400 B | 5800 B | 65300 | 34000 | 25800 | 13400 | 8050 | 3800 B | 3700 B | 9 |
| 10 | 2010 B | 1590 B | 1410 B | 1400 B | 7600 B | 65100 | 31700 | 26400 | 13700 | 7000 | 3800 B | 3690 B | 10 |
| 11 | 1980 B | 1590 B | 1410 B | 1390 B | 10200 B | 66200 | 29600 | 27400 | 13700 | 6080 | 3800 B | 3620 B | 11 |
| 12 | 1890 B | 1590 B | 1420 B | 1390 B | 12000 | 70600 | 27800 | 26500 | 13700 | 5730 | 3800 B | 3500 B | 12 |
| 13 | 1810 B | 1580 B | 1430 B | 1400 B | 15400 | 74900 | 26100 | 24900 | 13600 | 5290 | 3800 B | 3270 B | 13 |
| 14 | 1740 B | 1560 B | 1440 B | 1400 B | 25000 | 77100 | 24200 | 23200 | 13700 | 5390 | 3800 B | 3180 B | 14 |
| 15 | 1680 B | 1550 B | 1450 B | 1400 B | 24000 | 77300 | 22800 | 21700 | 13800 | 5440 | 3800 B | 3120 B | 15 |
| 16 | 1620 B | 1500 B | 1460 B | 1400 B | 24600 | 75000 | 21400 | 20300 | 13800 | 6270 | 3800 B | 3100 B | 16 |
| 17 | 1620 B | 1480 B | 1470 B | 1400 B | 29800 | 72000 | 20200 | 19400 | 14100 | 6620 | 3800 B | 3100 B | 17 |
| 18 | 1630 B | 1450 B | 1470 B | 1400 B | 24400 | 66900 | 19200 | 18400 | 14600 | 6850 | 3800 B | 3100 B | 18 |
| 19 | 1630 B | 1440 B | 1480 B | 1390 B | 22600 | 61700 | 18300 | 17500 | 15100 | 7090 | 3800 B | 3050 B | 19 |
| 20 | 1610 B | 1430 B | 1480 B | 1390 B | 22300 | 56000 | 17600 | 17000 | 15200 | 7040 | 3800 B | 2900 B | 20 |
| 21 | 1600 B | 1430 B | 1480 B | 1380 B | 25100 | 50900 | 17200 | 16500 | 15000 | 7000 | 3800 B | 2750 B | 21 |
| 22 | 1570 B | 1440 B | 1470 B | 1380 B | 33700 | 47500 | 16900 | 16000 | 14600 | 6630 | 3800 B | 2720 B | 22 |
| 23 | 1530 B | 1470 B | 1450 B | 1380 B | 45100 | 46400 | 16900 | 15600 | 13900 | 5200 | 3800 B | 2700 B | 23 |
| 24 | 1510 B | 1490 B | 1430 B | 1390 B | 52800 | 45100 | 20400 | 15300 | 13100 | 4840 | 3800 B | 2700 B | 24 |
| 25 | 1500 B | 1500 B | 1430 B | 1400 B | 54300 | 42400 | 26700 | 15000 | 12500 | 4650 | 3800 B | 2700 B | 25 |
| 26 | 1500 B | 1490 B | 1440 B | 1400 B | 50300 | 40000 | 28900 | 14700 | 11900 | 4560 | 3800 B | 2700 B | 26 |
| 27 | 1510 B | 1480 B | 1440 B | 1400 B | 46900 | 37700 | 27900 | 14400 | 11300 | 4490 | 3800 B | 2700 B | 27 |
| 28 | 1520 B | 1450 B | 1440 B | 1400 B | 50400 | 37600 | 27000 | 14300 | 10600 | 4410 | 3800 B | 2690 B | 28 |
| 29 | 1550 B | 1430 B | 1450 B | 1410 B | 64200 | 47200 | 26800 | 14000 | 10200 | 4290 | 3800 B | 2690 B | 29 |
| 30 | 1560 B | | 1440 B | 1430 B | 79500 | 60900 | 26300 | 13700 | 10000 | 4120 | 3800 B | 2600 B | 30 |
| 31 | 1590 B | | 1430 B | | 89700 | | 28000 | 13600 | | 4050 B | | 2450 B | 31 |
| TOTAL | 55840 | 43880 | 44430 | 42180 | 833350 | 2102100 | 1012300 | 659200 | 394300 | 207380 | 114620 | 98740 | TOTAL |
| MEAN | 1800 | 1510 | 1430 | 1410 | 26900 | 70100 | 32700 | 21300 | 13100 | 6690 | 3820 | 3190 | MEAN |
| AC-FT | 110000 | 87000 | 88100 | 83700 | 1650000 | 4170000 | 2010000 | 1310000 | 782000 | 411000 | 227000 | 196000 | AC-FT |
| MAX | 2450 | 1590 | 1480 | 1450 | 89700 | 121000 | 76500 | 30800 | 15200 | 9980 | 4000 | 3800 | MAX |
| MIN | 1500 | 1430 | 1400 | 1380 | 1470 | 37600 | 16900 | 13600 | 10000 | 4050 | 3800 | 2450 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 15300 CFS
 TOTAL DISCHARGE, 11100000 AC-FT
 MAXIMUM DAILY DISCHARGE, 121000 CFS ON JUN 4
 MINIMUM DAILY DISCHARGE, 1380 CFS ON APR 21
 MAXIMUM INSTANTANEOUS DISCHARGE
 122000 CFS AT 1740 YET ON JUN 4

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 49 47 N
 LONG 136 34 50 W
 DRAINAGE AREA 19700 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

PELLY RIVER AT ROSS RIVER - STATION NO. 09BC002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|---------|---------|--------|--------|--------|--------|--------|--------|-------|
| 1 | 750 B | 530 B | 460 B | 460 B | 500 B | 60800 A | 37900 | 15500 | 5520 | 4000 | 2000 B | 1360 B | 1 |
| 2 | 720 B | 525 B | 460 B | 460 B | 515 B | 58800 A | 30800 | 14500 | 5440 | 3960 | 1900 B | 1360 B | 2 |
| 3 | 690 B | 515 B | 460 B | 460 B | 530 B | 54100 A | 25800 | 13500 | 5300 | 3910 | 1820 B | 1360 B | 3 |
| 4 | 670 B | 505 B | 460 B | 460 B | 570 B | 48800 A | 23300 | 12800 | 5150 | 3780 | 1770 B | 1360 B | 4 |
| 5 | 650 B | 500 B | 460 B | 460 B | 620 B | 36300 A | 20700 | 12100 | 5120 | 3690 | 1700 B | 1350 B | 5 |
| 6 | 650 B | 500 B | 461 B | 460 B | 800 B | 31800 | 18500 | 11500 | 5260 | 3660 | 1660 B | 1330 B | 6 |
| 7 | 640 B | 510 B | 462 B | 460 B | 1100 B | 29100 | 16800 | 11200 | 5320 | 3600 | 1600 B | 1320 B | 7 |
| 8 | 630 B | 515 B | 463 B | 460 B | 1500 B | 29400 | 15400 | 11300 | 5490 | 3500 | 1560 B | 1260 B | 8 |
| 9 | 610 B | 520 B | 464 B | 455 B | 2000 B | 29000 | 14500 | 11900 | 5540 | 3280 E | 1540 B | 1220 B | 9 |
| 10 | 590 B | 520 B | 465 B | 452 B | 3000 B | 31200 | 13500 | 11700 | 5420 | 2730 E | 1520 B | 1200 B | 10 |
| 11 | 570 B | 515 B | 464 B | 452 B | 4200 B | 34000 | 12700 | 11400 | 5320 | 2180 E | 1510 B | 1190 B | 11 |
| 12 | 550 B | 510 B | 462 B | 451 B | 5200 B | 36200 | 11900 | 10800 | 5330 | 2280 E | 1510 B | 1160 B | 12 |
| 13 | 540 B | 500 B | 463 B | 450 B | 7200 B | 37600 | 11100 | 10100 | 5390 | 2780 E | 1500 B | 1080 B | 13 |
| 14 | 530 B | 495 B | 466 B | 450 B | 10000 B | 36800 | 10400 | 9370 | 5400 | 2820 E | 1490 B | 1040 B | 14 |
| 15 | 525 B | 480 B | 471 B | 455 B | 10400 B | 36000 | 9720 | 8760 | 5380 | 2900 E | 1490 B | 1020 B | 15 |
| 16 | 525 B | 476 B | 478 B | 455 B | 10300 B | 34200 | 9190 | 8300 | 5790 | 2940 E | 1490 B | 1010 B | 16 |
| 17 | 530 B | 472 B | 480 B | 455 B | 9980 | 31800 | 8800 | 7950 | 6220 | 2980 E | 1500 B | 1010 B | 17 |
| 18 | 530 B | 468 B | 482 B | 455 B | 11200 | 29300 | 8540 | 7680 | 6310 | 2910 E | 1500 B | 980 B | 18 |
| 19 | 520 B | 464 B | 487 B | 455 B | 10900 | 26600 | 8210 | 7390 | 6290 | 2850 E | 1480 B | 950 B | 19 |
| 20 | 515 B | 460 B | 489 B | 455 B | 13300 | 24800 | 7910 | 7270 | 6140 | 2750 E | 1470 B | 920 B | 20 |
| 21 | 510 B | 464 B | 485 B | 458 B | 20000 | 24800 | 7800 | 7270 | 5890 | 2600 E | 1460 B | 900 B | 21 |
| 22 | 500 B | 468 B | 483 B | 459 B | 26500 | 23900 | 9350 | 6950 | 5670 | 2520 E | 1420 B | 895 B | 22 |
| 23 | 490 B | 472 B | 480 B | 460 B | 27900 | 22300 | 11500 | 6640 | 5400 | 2450 E | 1410 B | 890 B | 23 |
| 24 | 495 B | 476 B | 478 B | 460 B | 26700 | 21200 | 11400 | 6520 | 5050 | 2390 E | 1400 B | 885 B | 24 |
| 25 | 500 B | 480 B | 475 B | 460 B | 23800 | 19800 | 11800 | 6290 | 4720 | 2340 E | 1400 B | 880 B | 25 |
| 26 | 510 B | 475 B | 480 B | 460 B | 22100 | 18700 | 12100 | 6080 | 4490 | 2320 E | 1400 B | 880 B | 26 |
| 27 | 520 B | 470 B | 478 B | 462 B | 23600 | 20100 | 12500 | 5930 | 4240 | 2300 B | 1410 B | 875 B | 27 |
| 28 | 530 B | 465 B | 476 B | 470 B | 30300 | 24200 | 12100 | 5810 | 4060 | 2240 B | 1410 B | 870 B | 28 |
| 29 | 530 B | 460 B | 470 B | 478 B | 39400 | 33200 | 13100 | 5720 | 3940 | 2160 B | 1390 B | 860 B | 29 |
| 30 | 535 B | | 460 B | 490 B | 47100 | 38400 | 14300 | 5650 | 4010 | 2100 B | 1370 B | 840 B | 30 |
| 31 | 540 B | | 460 B | | 54700 A | | 15500 | 5590 | | 2050 B | | 820 B | 31 |
| TOTAL | 17595 | 14210 | 14582 | 13777 | 445915 | 985200 | 447120 | 283470 | 158600 | 88970 | 46080 | 33075 | TOTAL |
| MEAN | 568 | 490 | 470 | 459 | 14400 | 32800 | 14400 | 9140 | 5290 | 2870 | 1540 | 1070 | MEAN |
| AC-FT | 34900 | 28200 | 28900 | 27300 | 884000 | 1950000 | 887000 | 562000 | 315000 | 176000 | 91400 | 65600 | AC-FT |
| MAX | 750 | 530 | 489 | 490 | 54700 | 60800 | 37900 | 15500 | 6310 | 4000 | 2000 | 1360 | MAX |
| MIN | 490 | 460 | 460 | 450 | 500 | 18700 | 7800 | 5590 | 3940 | 2050 | 1370 | 820 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 6960 CFS
 TOTAL DISCHARGE, 5050000 AC-FT
 MAXIMUM DAILY DISCHARGE, 60800 CFS ON JUN 1
 MINIMUM DAILY DISCHARGE, 450 CFS ON APR 13
 MAXIMUM INSTANTANEOUS DISCHARGE
 62100 CFS AT 2200 YET ON JUN 1

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 59 12 N
 LONG 132 26 54 W
 DRAINAGE AREA 7670 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

YUKON TERRITORY

PELLY RIVER BELOW VANGORDA CREEK - STATION NO. 09BC004

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-----|-----|-------|---------|---------|-----|---------|--------|--------|--------|--------|-------|
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | 6380 E | 4800 | 2500 B | 1740 B | 1 |
| 2 | --- | --- | --- | --- | --- | 63700 A | --- | --- | 6200 E | 4710 | 2450 B | 1760 B | 2 |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | 6100 E | 4620 | 2350 B | 1770 B | 3 |
| 4 | --- | --- | --- | --- | --- | --- | --- | --- | 6050 E | 4540 | 2300 B | 1770 B | 4 |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | 6000 E | 4440 | 2240 B | 1750 B | 5 |
| 6 | --- | --- | --- | --- | --- | 34800 A | --- | 16500 A | 6100 E | 4430 | 2200 B | 1700 B | 6 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | 6150 E | 4370 | 2160 B | 1680 B | 7 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | 6200 E | 4190 | 2120 B | 1600 B | 8 |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | 6150 E | 3970 | 2080 B | 1560 B | 9 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | 6100 E | 3410 | 2040 B | 1540 B | 10 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | 6050 E | 2860 | 2020 B | 1520 B | 11 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | 6100 E | 2960 | 2000 B | 1500 B | 12 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | 6150 E | 3460 | 1980 B | 1480 B | 13 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | 6250 A | 3500 | 1970 B | 1470 B | 14 |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | 6220 | 3510 | 1960 B | 1430 B | 15 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | 6430 | 3670 | 1960 B | 1400 B | 16 |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | 6850 | 3770 | 1960 B | 1380 B | 17 |
| 18 | --- | --- | --- | --- | 11400 A | --- | --- | --- | 7020 | 3770 | 1960 B | 1370 B | 18 |
| 19 | --- | --- | --- | --- | --- | --- | --- | --- | 7030 | 3680 | 1960 B | 1360 B | 19 |
| 20 | --- | --- | --- | 605 B | --- | --- | --- | --- | 6880 | 3510 | 1950 B | 1320 B | 20 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | 6640 | 3100 | 1900 B | 1280 B | 21 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | 6380 | 2920 | 1840 B | 1240 B | 22 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | 6100 | 2780 | 1820 B | 1200 B | 23 |
| 24 | --- | --- | --- | --- | 26900 A | --- | --- | --- | 5730 | 2910 | 1800 B | 1190 B | 24 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | 5470 | 2980 | 1800 B | 1190 B | 25 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | 5340 | 2870 | 1810 B | 1180 B | 26 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | 5240 | 2670 | 1810 B | 1170 B | 27 |
| 28 | 812 B | --- | --- | --- | --- | --- | --- | --- | 5120 | 2730 | 1800 B | 1160 B | 28 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | 5000 | 2650 | 1770 B | 1150 B | 29 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | 4900 | 2570 | 1750 B | 1140 B | 30 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 2550 B | --- | 1110 B | 31 |
| TOTAL | --- | --- | --- | --- | --- | --- | --- | --- | 182330 | 108900 | 60260 | 44110 | TOTAL |
| MEAN | --- | --- | --- | --- | --- | --- | --- | --- | 6080 | 3510 | 2010 | 1420 | MEAN |
| AC-FT | --- | --- | --- | --- | --- | --- | --- | --- | 362000 | 216000 | 120000 | 87500 | AC-FT |
| MAX | --- | --- | --- | --- | --- | --- | --- | --- | 7030 | 4800 | 2500 | 1770 | MAX |
| MIN | --- | --- | --- | --- | --- | --- | --- | --- | 4900 | 2550 | 1750 | 1110 | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 13 20 N
 LONG 133 22 40 W
 DRAINAGE AREA 8490 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

PORCUPINE RIVER AT OLD CROW - STATION NO. 09FD001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|----------|----------|---------|---------|---------|--------|--------|--------|-------|
| 1 | 695 B | 860 B | 695 B | 560 B | 470 B | 121000 A | 86600 | 6930 | 26800 | 6800 B | 2100 B | 1220 B | 1 |
| 2 | 680 B | 820 B | 680 B | 550 B | 465 B | 116000 A | 66100 | 7500 | 27900 | 6200 B | 2020 B | 1200 B | 2 |
| 3 | 660 B | 800 B | 665 B | 540 B | 462 B | 116000 A | 50100 | 9600 | 45800 | 5700 B | 1980 B | 1200 B | 3 |
| 4 | 645 B | 780 B | 655 B | 535 B | 460 B | 116000 A | 39100 | 15000 | 51000 | 5350 B | 1950 B | 1200 B | 4 |
| 5 | 635 B | 760 B | 640 B | 525 B | 460 B | 118000 E | 31000 | 18600 | 49400 | 5250 B | 1910 B | 1200 B | 5 |
| 6 | 625 B | 740 B | 630 B | 520 B | 460 B | 120000 A | 25000 | 18100 | 41100 | 5100 B | 1890 B | 1190 B | 6 |
| 7 | 615 B | 720 B | 620 B | 520 B | 460 B | 112000 A | 20700 | 15900 | 32900 | 5000 B | 1880 B | 1190 B | 7 |
| 8 | 605 B | 705 B | 605 B | 515 B | 460 B | 93100 A | 17900 | 13800 | 27300 | 4900 B | 1880 B | 1190 B | 8 |
| 9 | 600 B | 695 B | 600 B | 515 B | 465 B | 73000 A | 16100 | 12400 | 23300 | 4800 B | 1870 B | 1180 B | 9 |
| 10 | 595 B | 685 B | 595 B | 510 B | 470 B | 66900 A | 15600 | 13900 | 20400 | 4750 B | 1860 B | 1180 B | 10 |
| 11 | 595 B | 680 B | 600 B | 510 B | 480 B | 66000 E | 14700 | 17600 | 18200 | 4700 B | 1850 B | 1170 B | 11 |
| 12 | 600 B | 670 B | 605 B | 505 B | 495 B | 76000 E | 12800 | 18200 | 16500 | 4550 B | 1840 B | 1170 B | 12 |
| 13 | 600 B | 660 B | 610 B | 505 B | 505 B | 93000 E | 11100 | 17900 | 15400 | 4350 B | 1840 B | 1160 B | 13 |
| 14 | 600 B | 655 B | 615 B | 500 B | 520 B | 76000 E | 9850 | 16800 | 14600 | 4050 B | 1840 B | 1110 B | 14 |
| 15 | 605 B | 650 B | 625 B | 500 B | 540 B | 60000 E | 8980 | 15900 | 14900 | 3900 B | 1830 B | 1090 B | 15 |
| 16 | 605 B | 645 B | 635 B | 500 B | 560 B | 46000 E | 8420 | 15600 | 16600 | 3800 B | 1820 B | 1050 B | 16 |
| 17 | 600 B | 640 B | 640 B | 495 B | 580 B | 36000 E | 8140 | 15700 | 21400 | 3720 B | 1810 B | 1000 B | 17 |
| 18 | 600 B | 640 B | 645 B | 495 B | 620 B | 29000 E | 8200 | 17800 | 27400 | 3650 B | 1800 B | 970 B | 18 |
| 19 | 600 B | 645 B | 655 B | 490 B | 710 B | 24000 E | 9740 | 20700 | 29500 | 3550 B | 1780 B | 940 B | 19 |
| 20 | 600 B | 655 B | 660 B | 490 B | 950 B | 20000 E | 12900 | 22900 | 26500 | 3490 B | 1710 B | 920 B | 20 |
| 21 | 600 B | 685 B | 660 B | 490 B | 1650 B | 18000 E | 14400 | 24700 | 22200 | 3200 B | 1680 B | 910 B | 21 |
| 22 | 605 B | 700 B | 660 B | 485 B | 3700 B | 16000 E | 13500 | 25500 | 18700 | 3000 B | 1630 B | 890 B | 22 |
| 23 | 610 B | 735 B | 660 B | 485 B | 4800 B | 14000 E | 11900 | 24900 | 15700 | 2950 B | 1610 B | 890 B | 23 |
| 24 | 615 B | 755 B | 655 B | 480 B | 9000 B | 13000 E | 11400 | 24000 | 12900 | 2900 B | 1590 B | 890 B | 24 |
| 25 | 625 B | 760 B | 650 B | 480 B | 15000 A | 12000 E | 10800 | 23000 | 10700 | 2830 B | 1550 B | 880 B | 25 |
| 26 | 645 B | 765 B | 645 B | 480 B | 26000 A | 17000 E | 10300 | 21800 | 9510 | 2790 B | 1500 B | 870 B | 26 |
| 27 | 670 B | 755 B | 635 B | 480 B | 45000 A | 30000 E | 9630 | 22600 | 8570 | 2710 B | 1460 B | 870 B | 27 |
| 28 | 710 B | 730 B | 620 B | 475 B | 76400 A | 50000 E | 8920 | 27100 | 7990 | 2620 B | 1350 B | 870 B | 28 |
| 29 | 740 B | 700 B | 605 B | 475 B | 97700 A | 101000 E | 8080 | 28500 | 7590 A | 2500 B | 1280 B | 860 B | 29 |
| 30 | 790 B | --- | 595 B | 475 B | 109000 A | 98200 A | 7390 | 28300 | 7200 B | 2350 B | 1250 B | 860 B | 30 |
| 31 | 858 B | --- | 580 B | --- | 120000 A | --- | 7050 | 28000 | --- | 2200 B | --- | 855 B | 31 |
| TOTAL | 19828 | 20690 | 19640 | 15085 | 518842 | 1947200 | 586400 | 589230 | 667960 | 123660 | 52360 | 32175 | TOTAL |
| MEAN | 640 | 713 | 634 | 503 | 16700 | 64900 | 18900 | 19000 | 22300 | 3990 | 1750 | 1040 | MEAN |
| AC-FT | 39300 | 41000 | 39000 | 29900 | 1030000 | 3860000 | 1160000 | 1170000 | 1320000 | 245000 | 104000 | 63800 | AC-FT |
| MAX | 858 | 860 | 695 | 560 | 120000 | 121000 | 86600 | 28500 | 51000 | 6800 | 2100 | 1220 | MAX |
| MIN | 595 | 640 | 580 | 475 | 460 | 12000 | 7050 | 6930 | 7200 | 2200 | 1250 | 855 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 12500 CFS
 TOTAL DISCHARGE, 9100000 AC-FT
 MAXIMUM DAILY DISCHARGE, 121000 CFS ON JUN 1
 MINIMUM DAILY DISCHARGE, 460 CFS ON MAY 4

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 67 33 50 N
 LONG 139 53 00 W
 DRAINAGE AREA 20900 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

YUKON TERRITORY

PORCUPINE RIVER BELOW BELL RIVER - STATION NO. 09FB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-----|-----|-----|-----|-----|----------|--------|--------|---------|--------|-----|-----|-------|
| 1 | --- | --- | --- | --- | --- | 100000 E | 66400 | 5410 | 19500 | 5040 | --- | --- | 1 |
| 2 | --- | --- | --- | --- | --- | 98000 E | 45500 | 7740 | 27500 | 4410 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 96000 E | 32600 | 13300 | 40800 | 4120 | --- | --- | 3 |
| 4 | --- | --- | --- | --- | --- | 98000 E | 24000 | 16300 | 41600 | 3990 | --- | --- | 4 |
| 5 | --- | --- | --- | --- | --- | 99000 E | 18600 | 15900 | 36700 | 3890 B | --- | --- | 5 |
| 6 | --- | --- | --- | --- | --- | 100000 E | 15000 | 13400 | 28200 | 3770 B | --- | --- | 6 |
| 7 | --- | --- | --- | --- | --- | 91000 E | 12400 | 11200 | 22700 | 3700 B | --- | --- | 7 |
| 8 | --- | --- | --- | --- | --- | 80000 E | 11300 | 9680 | 19200 | 3630 B | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 68000 E | 11400 | 10500 | 16500 | 3560 B | --- | --- | 9 |
| 10 | --- | --- | --- | --- | --- | 62000 E | 10800 | 14800 | 14600 | 3470 B | --- | --- | 10 |
| 11 | --- | --- | --- | --- | --- | 64800 A | 9220 | 15100 | 13200 | 3440 B | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 87300 | 7790 | 14700 | 12100 | 3320 B | --- | --- | 12 |
| 13 | --- | --- | --- | --- | --- | 84800 | 6760 | 13100 | 11400 | 3130 B | --- | --- | 13 |
| 14 | --- | --- | --- | --- | --- | 55200 | 6050 | 11800 | 11700 | 2920 B | --- | --- | 14 |
| 15 | --- | --- | --- | --- | --- | 40300 | 5610 | 11100 | 12900 | 2810 B | --- | --- | 15 |
| 16 | --- | --- | --- | --- | --- | 31100 | 5330 | 10800 | 16100 | 2700 B | --- | --- | 16 |
| 17 | --- | --- | --- | --- | --- | 24200 | 5730 | 11700 | 20900 | 2640 B | --- | --- | 17 |
| 18 | --- | --- | --- | --- | --- | 19000 | 7760 | 14200 | 25200 | 2590 B | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 15900 | 11100 | 16500 | 24600 | 2480 B | --- | --- | 19 |
| 20 | --- | --- | --- | --- | --- | 14300 | 12200 | 18400 | 20900 | 2440 B | --- | --- | 20 |
| 21 | --- | --- | --- | --- | --- | 12600 | 11200 | 19300 | 17200 | 2240 B | --- | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 10400 | 9980 | 19300 | 14400 | 2070 B | --- | --- | 22 |
| 23 | --- | --- | --- | --- | --- | 8710 | 9340 | 18700 | 11900 | 2040 B | --- | --- | 23 |
| 24 | --- | --- | --- | --- | --- | 8170 | 8760 | 17500 | 9640 | 2000 B | --- | --- | 24 |
| 25 | --- | --- | --- | --- | --- | 11000 | 8070 | 16100 | 8110 | 1930 B | --- | --- | 25 |
| 26 | --- | --- | --- | --- | --- | 18700 | 7240 | 16100 | 7290 | 1900 B | --- | --- | 26 |
| 27 | --- | --- | --- | --- | --- | 64100 | 6450 | 19900 | 6710 | 1840 B | --- | --- | 27 |
| 28 | --- | --- | --- | --- | --- | 97900 | 5730 | 21600 | 6200 B | 1750 B | --- | --- | 28 |
| 29 | --- | --- | --- | --- | --- | 95400 | 5290 | 21400 | 5800 B | 1680 B | --- | --- | 29 |
| 30 | --- | --- | --- | --- | --- | 86800 | 5010 | 21300 | 5650 | 1570 B | --- | --- | 30 |
| 31 | --- | --- | --- | --- | --- | --- | 4930 | 20700 | --- | 1450 B | --- | --- | 31 |
| TOTAL | --- | --- | --- | --- | --- | 1742680 | 407550 | 467530 | 529200 | 88520 | --- | --- | TOTAL |
| MEAN | --- | --- | --- | --- | --- | 58100 | 13100 | 15100 | 17600 | 2860 | --- | --- | MEAN |
| AC-FT | --- | --- | --- | --- | --- | 3460000 | 808000 | 927000 | 1050000 | 176000 | --- | --- | AC-FT |
| MAX | --- | --- | --- | --- | --- | 100000 | 66400 | 21600 | 41600 | 5040 | --- | --- | MAX |
| MIN | --- | --- | --- | --- | --- | 8170 | 4930 | 5410 | 5650 | 1450 | --- | --- | MIN |

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 67 26 25 N
 LONG 137 47 01 W
 DRAINAGE AREA 13900 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

ROSS RIVER AT ROSS RIVER - STATION NO. 09BA001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 1 | 275 B | 209 B | 160 B | 160 B | 370 B | 26200 | 15900 | 5810 A | 1830 | 1200 | 580 B | 458 B | 1 |
| 2 | 268 B | 206 B | 158 B | 156 B | 440 B | 26200 | 12100 | 5400 | 1820 | 1190 | 560 B | 450 B | 2 |
| 3 | 255 B | 204 B | 156 B | 155 B | 500 B | 23600 | 9990 | 5000 | 1780 | 1200 | 550 B | 440 B | 3 |
| 4 | 247 B | 202 B | 156 B | 155 B | 600 B | 19800 | 8680 | 4610 | 1740 | 1200 | 540 B | 420 B | 4 |
| 5 | 242 B | 200 B | 157 B | 154 B | 760 B | 15100 | 7570 | 4290 | 1710 | 1180 | 538 B | 390 B | 5 |
| 6 | 241 B | 199 B | 158 B | 155 B | 950 B | 12000 | 6640 | 4170 | 1710 | 1160 | 535 B | 375 B | 6 |
| 7 | 239 B | 200 B | 158 B | 156 B | 1200 B | 11300 | 5910 | 4150 | 1780 | 1170 | 538 B | 370 B | 7 |
| 8 | 237 B | 201 B | 157 B | 155 B | 1500 B | 11800 | 5280 | 4440 | 1910 | 1130 | 540 B | 370 B | 8 |
| 9 | 232 B | 203 B | 156 B | 154 B | 1750 B | 11700 | 4830 | 4820 | 1810 | 934 | 550 B | 365 B | 9 |
| 10 | 225 B | 204 B | 156 B | 152 B | 2000 B | 12200 | 4440 | 4970 | 1760 | 920 E | 550 B | 360 B | 10 |
| 11 | 220 B | 204 B | 158 B | 152 B | 2500 B | 13900 | 4110 | 4870 | 1690 | 910 E | 550 B | 350 B | 11 |
| 12 | 215 B | 202 B | 158 B | 154 B | 3000 B | 14900 | 3790 | 4520 | 1640 | 900 E | 550 B | 330 B | 12 |
| 13 | 208 B | 200 B | 158 B | 154 B | 3500 B | 14700 | 3490 | 4140 | 1620 | 890 E | 550 B | 315 B | 13 |
| 14 | 204 B | 198 B | 157 B | 153 B | 4100 B | 14100 | 3260 | 3780 | 1630 | 940 E | 550 B | 300 B | 14 |
| 15 | 202 B | 190 B | 157 B | 152 B | 4300 B | 13900 | 3070 | 3470 | 1770 | 970 E | 553 B | 290 B | 15 |
| 16 | 202 B | 184 B | 158 B | 153 B | 4300 B | 13100 | 2910 | 3200 | 2020 | 990 E | 550 B | 285 B | 16 |
| 17 | 202 B | 178 B | 158 B | 154 B | 4150 B | 12000 | 2780 | 2990 | 2100 | 1060 | 542 B | 282 B | 17 |
| 18 | 201 B | 174 B | 159 B | 155 B | 3900 B | 10900 | 2680 | 2850 | 2130 | 1010 | 540 B | 282 B | 18 |
| 19 | 198 B | 172 B | 160 B | 156 B | 4060 | 9940 | 2600 | 2710 | 2130 | 983 | 520 B | 285 B | 19 |
| 20 | 194 B | 172 B | 160 B | 158 B | 4940 | 9020 | 2510 | 2610 | 2070 | 963 | 510 B | 285 B | 20 |
| 21 | 190 B | 174 B | 160 B | 159 B | 7350 | 8400 | 2460 | 2500 | 1990 | 850 E | 505 B | 288 B | 21 |
| 22 | 186 B | 176 B | 159 B | 162 B | 11200 | 8250 | 2490 | 2340 | 1870 | 760 E | 505 B | 290 B | 22 |
| 23 | 186 B | 178 B | 157 B | 167 B | 13400 | 7840 | 2920 | 2160 | 1750 | 720 E | 505 B | 295 B | 23 |
| 24 | 186 B | 178 B | 158 B | 174 B | 13100 | 7360 | 3360 | 2080 | 1640 | 700 E | 505 B | 295 B | 24 |
| 25 | 188 B | 178 B | 156 B | 180 B | 11000 | 6790 | 3660 | 1980 | 1530 | 680 E | 490 B | 298 B | 25 |
| 26 | 190 B | 177 B | 156 B | 190 B | 9770 | 6430 | 3840 | 1910 | 1430 | 660 E | 485 B | 298 B | 26 |
| 27 | 198 B | 176 B | 156 B | 205 B | 10300 | 7270 | 3970 | 1820 | 1280 | 640 E | 470 B | 298 B | 27 |
| 28 | 202 B | 170 B | 156 B | 225 B | 13600 | 10500 | 4040 | 1810 | 1240 | 630 E | 465 B | 298 B | 28 |
| 29 | 206 B | 166 B | 156 B | 270 B | 17800 | 14700 | 4150 | 1750 | 1240 | 620 E | 460 B | 295 B | 29 |
| 30 | 208 B | --- | 157 B | 315 B | 21500 | 17400 | 4300 E | 1800 | 1210 | 610 B | 460 B | 292 B | 30 |
| 31 | 209 B | --- | 158 B | --- | 24300 | --- | 4590 A | 1820 | --- | 600 B | --- | 288 B | 31 |
| TOTAL | 6656 | 5475 | 4884 | 5140 | 202140 | 391300 | 152320 | 104770 | 51830 | 28370 | 15746 | 10237 | TOTAL |
| MEAN | 215 | 189 | 158 | 171 | 6520 | 13000 | 4910 | 3380 | 1730 | 915 | 525 | 330 | MEAN |
| AC-FT | 13200 | 10900 | 9690 | 10200 | 401000 | 776000 | 302000 | 208000 | 103000 | 56300 | 31200 | 20300 | AC-FT |
| MAX | 275 | 209 | 160 | 315 | 24300 | 26200 | 15900 | 5810 | 2130 | 1200 | 580 | 458 | MAX |
| MIN | 186 | 166 | 156 | 152 | 370 | 6430 | 2460 | 1750 | 1210 | 600 | 460 | 282 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 2670 CFS
 TOTAL DISCHARGE, 1940000 AC-FT
 MAXIMUM DAILY DISCHARGE, 26200 CFS ON JUN 1
 MINIMUM DAILY DISCHARGE, 152 CFS ON APR 10
 MAXIMUM INSTANTANEOUS DISCHARGE
 26900 CFS AT 0040 YET ON JUN 2

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 59 40 N
 LONG 132 22 40 W
 DRAINAGE AREA 2800 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

YUKON TERRITORY

STEWART RIVER AT MAYO - STATION NO. 09DC002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|-------|-------|---------|---------|---------|---------|---------|--------|--------|--------|-------|
| 1 | 1410 B | 1000 B | 820 B | 810 B | 900 B | 95900 | 65600 | 15700 | 18200 | 10100 | 3180 B | 2380 B | 1 |
| 2 | 1380 B | 980 B | 810 B | 800 B | 920 B | 101000 | 48700 | 15000 | 17300 | 10200 | 3150 B | 2320 B | 2 |
| 3 | 1380 B | 960 B | 800 B | 800 B | 950 B | 96100 | 43600 | 14300 | 16600 | 10300 | 3120 B | 2310 B | 3 |
| 4 | 1350 B | 945 B | 800 B | 800 B | 980 B | 96900 | 41300 | 15000 | 16600 | 10300 | 3100 B | 2290 B | 4 |
| 5 | 1320 B | 940 B | 800 B | 800 B | 1010 B | 84000 | 37500 | 15800 | 18900 | 9770 | 3100 B | 2280 B | 5 |
| 6 | 1300 B | 940 B | 810 B | 800 B | 1080 B | 57100 | 33600 | 15200 | 19300 | 9080 | 3100 B | 2280 B | 6 |
| 7 | 1280 B | 940 B | 810 B | 800 B | 1120 B | 44900 | 30700 | 14700 | 18300 | 8370 | 3110 B | 2260 B | 7 |
| 8 | 1220 B | 940 B | 820 B | 800 B | 1200 B | 44200 | 28600 | 16000 | 18400 | 8040 | 3150 B | 2250 B | 8 |
| 9 | 1190 B | 940 B | 820 B | 810 B | 1310 B | 45900 | 27300 | 20500 | 18400 | 7320 | 3180 B | 2250 B | 9 |
| 10 | 1170 B | 935 B | 820 B | 820 B | 1480 B | 47600 | 26200 | 22700 | 18000 | 5300 | 3190 B | 2230 B | 10 |
| 11 | 1150 B | 930 B | 820 B | 820 B | 1750 B | 55300 | 24300 | 21600 | 17700 | 4850 | 3190 B | 2200 B | 11 |
| 12 | 1150 B | 910 B | 820 B | 820 B | 2050 B | 73500 | 22300 | 20000 | 17100 | 4590 | 3190 B | 2130 B | 12 |
| 13 | 1150 B | 890 B | 820 B | 830 B | 3000 B | 80800 | 20900 | 18300 | 16600 | 4430 | 3180 B | 2000 B | 13 |
| 14 | 1150 B | 880 B | 820 B | 830 B | 4600 B | 70800 | 19800 | 16800 | 16400 | 4610 | 3130 B | 1900 B | 14 |
| 15 | 1140 B | 880 B | 820 B | 830 B | 8000 B | 70900 | 19000 | 15800 | 17700 | 5710 | 3100 B | 1800 B | 15 |
| 16 | 1120 B | 871 B | 830 B | 830 B | 15000 B | 72600 | 18400 | 15300 | 22400 | 6550 | 3050 B | 1760 B | 16 |
| 17 | 1090 B | 860 B | 830 B | 830 B | 25000 B | 67900 | 18000 | 15000 | 24300 | 6950 | 3010 B | 1720 B | 17 |
| 18 | 1060 B | 860 B | 835 B | 830 B | 40000 E | 62300 | 17500 | 14800 | 22800 | 6920 | 3000 B | 1700 B | 18 |
| 19 | 1030 B | 860 B | 840 B | 820 B | 40000 E | 57700 | 16400 | 15200 | 21000 | 6750 | 2950 B | 1700 B | 19 |
| 20 | 1030 B | 865 B | 840 B | 815 B | 39000 E | 52200 | 16000 | 16700 | 19400 | 6700 | 2910 B | 1700 B | 20 |
| 21 | 1030 B | 870 B | 840 B | 815 B | 38000 E | 50400 | 15800 | 17700 | 18000 | 6000 | 2900 B | 1680 B | 21 |
| 22 | 1030 B | 875 B | 840 B | 810 B | 36500 E | 49000 | 15700 | 17300 | 16700 | 5080 | 2850 B | 1620 B | 22 |
| 23 | 1020 B | 880 B | 840 B | 820 B | 34000 E | 45900 | 17700 | 16300 | 15500 | 4480 | 2800 B | 1580 B | 23 |
| 24 | 1020 B | 880 B | 840 B | 820 B | 35000 E | 38900 | 21800 | 15500 | 14200 | 3720 | 2700 B | 1530 B | 24 |
| 25 | 1020 B | 870 B | 840 B | 839 B | 27400 A | 35000 | 21700 | 15000 | 13000 | 3600 B | 2620 B | 1510 B | 25 |
| 26 | 1020 B | 860 B | 840 B | 845 B | 24800 | 34400 | 19100 | 14700 | 12100 | 3500 B | 2580 B | 1490 B | 26 |
| 27 | 1020 B | 855 B | 835 B | 850 B | 23800 | 33800 | 16900 | 15800 | 11000 | 3350 B | 2520 B | 1450 B | 27 |
| 28 | 1010 B | 850 B | 830 B | 860 B | 32500 | 39200 | 15800 | 16400 | 10400 | 3250 B | 2490 B | 1430 B | 28 |
| 29 | 1010 B | 835 B | 830 B | 870 B | 51400 | 57400 | 16100 | 16900 | 9990 | 3220 B | 2430 B | 1420 B | 29 |
| 30 | 1010 B | 825 B | 825 B | 890 B | 67700 | 74100 | 16300 | 18400 | 9970 | 3200 B | 2410 B | 1410 B | 30 |
| 31 | 1000 B | 820 B | 820 B | 83200 | 83200 | 15800 | 18900 | 18900 | 3190 B | 3190 B | 1400 B | 1400 B | 31 |
| TOTAL | 35260 | 26101 | 25565 | 24714 | 643650 | 1833700 | 768400 | 517300 | 506260 | 189430 | 88390 | 57980 | TOTAL |
| MEAN | 1140 | 900 | 825 | 824 | 20800 | 61100 | 24800 | 16700 | 16900 | 6110 | 2950 | 1870 | MEAN |
| AC-FT | 69900 | 51800 | 50700 | 49000 | 1280000 | 3640000 | 1520000 | 1030000 | 1000000 | 376000 | 175000 | 115000 | AC-FT |
| MAX | 1410 | 1000 | 840 | 890 | 83200 | 101000 | 65600 | 22700 | 24300 | 10300 | 3190 | 2380 | MAX |
| MIN | 1000 | 835 | 800 | 800 | 900 | 33800 | 15700 | 14300 | 9970 | 3190 | 2410 | 1400 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 12900 CFS
 TOTAL DISCHARGE, 9360000 AC-FT
 MAXIMUM DAILY DISCHARGE, 101000 CFS ON JUN 2
 MINIMUM DAILY DISCHARGE, 800 CFS ON MAR 3

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 35 26 N
 LONG 135 53 48 W
 DRAINAGE AREA 12100 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED

NATURAL FLOW

MAXIMUM INSTANTANEOUS DISCHARGE
 103000 CFS AT 0727 YET ON JUN 2

STEWART RIVER AT STEWART CROSSING - STATION NO. 09DD002

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|----------|---------|---------|---------|--------|--------|--------|-------|
| 1 | 2510 B | 1830 B | 1400 B | 1300 B | 1490 B | 92000 E | 75000 E | 16000 E | 19000 | 10600 | 3980 B | 3530 B | 1 |
| 2 | 2480 B | 1820 B | 1380 B | 1290 B | 1530 B | 103000 A | 51600 E | 14500 A | 18100 | 10700 | 3970 B | 3530 B | 2 |
| 3 | 2430 B | 1800 B | 1380 B | 1290 B | 1610 B | 98600 A | 46500 | 14200 | 17300 | 10900 | 3920 B | 3530 B | 3 |
| 4 | 2420 B | 1760 B | 1370 B | 1290 B | 1700 B | 97800 A | 43900 | 14300 | 16800 | 10900 | 3870 B | 3530 B | 4 |
| 5 | 2420 B | 1700 B | 1380 B | 1290 B | 1790 B | 93400 A | 39000 | 15700 | 18300 | 10600 | 3820 B | 3550 B | 5 |
| 6 | 2410 B | 1690 B | 1380 B | 1290 B | 1900 B | 66300 A | 35000 E | 15500 | 20100 | 9970 | 3820 B | 3590 B | 6 |
| 7 | 2390 B | 1690 B | 1380 B | 1300 B | 2000 B | 48300 A | 32000 E | 14600 | 19300 | 9420 | 3850 B | 3590 B | 7 |
| 8 | 2300 B | 1690 B | 1380 B | 1300 B | 2100 B | 44800 A | 30000 E | 15200 | 19200 | 8980 | 3900 B | 3600 B | 8 |
| 9 | 2220 B | 1690 B | 1380 B | 1300 B | 2250 B | 47300 A | 28000 E | 18900 | 19300 | 8670 | 3950 B | 3610 B | 9 |
| 10 | 2190 B | 1700 B | 1380 B | 1310 B | 2430 B | 49400 A | 27000 E | 22900 | 18900 | 7140 | 3980 B | 3600 B | 10 |
| 11 | 2170 B | 1700 B | 1390 B | 1310 B | 2650 B | 52800 A | 25000 E | 22900 | 18600 | 6000 E | 3990 B | 3550 B | 11 |
| 12 | 2120 B | 1690 B | 1390 B | 1320 B | 3000 B | 62000 E | 23200 E | 20900 | 18200 | 5200 E | 3990 B | 3450 B | 12 |
| 13 | 2110 B | 1680 B | 1390 B | 1330 B | 4200 B | 74000 E | 22000 E | 19400 | 17400 | 5100 E | 3960 B | 3500 B | 13 |
| 14 | 2110 B | 1620 B | 1390 B | 1340 B | 6800 E | 82000 E | 20400 E | 17700 | 17200 | 6000 E | 3930 B | 3250 B | 14 |
| 15 | 2100 B | 1600 B | 1390 B | 1350 B | 10000 B | 74100 A | 19200 E | 16400 | 17600 | 6900 E | 3900 B | 3170 B | 15 |
| 16 | 2090 B | 1580 B | 1390 B | 1340 B | 16000 B | 75600 | 18900 E | 15600 | 21200 | 7250 E | 3860 B | 3120 B | 16 |
| 17 | 2010 B | 1550 B | 1390 B | 1330 B | 26000 B | 73600 | 18200 E | 15400 | 24900 | 7500 E | 3800 B | 3100 B | 17 |
| 18 | 1950 B | 1510 B | 1390 B | 1320 B | 44000 B | 67100 | 17900 E | 15100 | 24000 | 7550 E | 3780 B | 3080 B | 18 |
| 19 | 1910 B | 1490 B | 1390 B | 1310 B | 44000 E | 60500 | 17000 E | 15200 | 22600 | 7500 E | 3740 B | 3050 B | 19 |
| 20 | 1890 B | 1490 B | 1390 B | 1310 B | 43000 E | 55400 | 16200 E | 16300 | 21000 | 7400 E | 3720 B | 3020 B | 20 |
| 21 | 1880 B | 1480 B | 1390 B | 1300 B | 42000 E | 53700 | 16000 E | 17700 | 19400 | 7150 E | 3720 B | 3010 B | 21 |
| 22 | 1880 B | 1480 B | 1390 B | 1310 B | 40500 E | 51200 | 15900 E | 18000 | 18000 | 6900 E | 3730 B | 3000 B | 22 |
| 23 | 1850 B | 1490 B | 1390 B | 1310 B | 39200 A | 50300 | 15900 E | 17000 | 16700 | 6450 E | 3720 B | 2970 B | 23 |
| 24 | 1850 B | 1490 B | 1390 B | 1310 B | 40700 | 42100 | 19000 E | 16100 | 15400 | 5900 E | 3700 B | 2900 B | 24 |
| 25 | 1840 B | 1490 B | 1380 B | 1310 B | 36000 | 36200 | 22000 E | 15500 | 14000 | 5400 E | 3680 B | 2830 B | 25 |
| 26 | 1850 B | 1490 B | 1370 B | 1320 B | 28400 | 34700 | 20500 E | 15100 | 13000 | 5000 E | 3630 B | 2700 B | 26 |
| 27 | 1850 B | 1480 B | 1350 B | 1330 B | 24800 A | 33900 A | 18700 E | 15500 | 12200 | 4600 E | 3610 B | 2620 B | 27 |
| 28 | 1850 B | 1430 B | 1340 B | 1380 B | 35000 E | 35000 E | 17200 E | 16800 | 11100 | 4300 E | 3600 B | 2580 B | 28 |
| 29 | 1850 B | 1410 B | 1330 B | 1400 B | 42000 E | 50000 E | 17000 E | 17100 | 10700 | 4100 B | 3580 B | 2530 B | 29 |
| 30 | 1850 B | 1410 B | 1310 B | 1440 B | 56000 E | 64000 E | 17000 E | 18200 | 10500 | 4000 B | 3550 B | 2530 B | 30 |
| 31 | 1840 B | 1410 B | 1310 B | 1440 B | 76000 E | 76000 E | 16900 E | 19300 | 3990 B | 3990 B | 2520 B | 2520 B | 31 |
| TOTAL | 64620 | 46520 | 42650 | 39630 | 679050 | 1869100 | 802100 | 523000 | 530000 | 222070 | 114250 | 98140 | TOTAL |
| MEAN | 2080 | 1600 | 1380 | 1320 | 21900 | 62300 | 25900 | 16900 | 17700 | 7160 | 3810 | 3170 | MEAN |
| AC-FT | 128000 | 92300 | 84600 | 78600 | 1350000 | 3710000 | 1590000 | 1040000 | 1050000 | 440000 | 227000 | 195000 | AC-FT |
| MAX | 2510 | 1830 | 1400 | 1440 | 76000 | 103000 | 75000 | 22900 | 24900 | 10900 | 3990 | 3610 | MAX |
| MIN | 1840 | 1410 | 1310 | 1290 | 1490 | 33900 | 15900 | 14200 | 10500 | 3990 | 3550 | 2520 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 13700 CFS
 TOTAL DISCHARGE, 9990000 AC-FT
 MAXIMUM DAILY DISCHARGE, 103000 CFS ON JUN 2
 MINIMUM DAILY DISCHARGE, 1290 CFS ON APR 2

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 22 56 N
 LONG 136 40 59 W
 DRAINAGE AREA 13500 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED

NATURAL FLOW

MAXIMUM INSTANTANEOUS DISCHARGE
 104000 CFS AT 1400 YET ON JUN 2

YUKON TERRITORY

45

STEWART RIVER AT THE MOUTH - STATION NO. 09DD003

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|--------|--------|--------|-------|
| 1 | 3350 B | 2500 B | 1940 B | 1770 B | 2100 B | 103000 | 76100 | 17900 | 21000 | 12800 | 4980 B | 4420 B | 1 |
| 2 | 3280 B | 2500 B | 1920 B | 1750 B | 2180 B | 117000 | 72300 | 20900 | 20900 | 12900 | 4990 B | 4400 B | 2 |
| 3 | 3200 B | 2480 B | 1910 B | 1720 B | 2280 B | 126000 | 54900 | 17200 | 20100 | 12900 | 4970 B | 4390 B | 3 |
| 4 | 3200 B | 2410 B | 1910 B | 1720 B | 2400 B | 115000 | 47400 | 16300 | 19400 | 12800 | 4890 B | 4380 B | 4 |
| 5 | 3200 B | 2360 B | 1900 B | 1720 B | 2510 B | 107000 | 44400 | 16200 | 18700 | 12900 | 4820 B | 4380 B | 5 |
| 6 | 3180 B | 2320 B | 1900 B | 1720 B | 2700 B | 93300 | 40700 | 17600 | 20000 | 12700 | 4820 B | 4380 B | 6 |
| 7 | 3120 B | 2310 B | 1900 B | 1720 B | 2900 B | 63400 | 36400 | 18000 | 22500 | 12200 | 4860 B | 4390 B | 7 |
| 8 | 3050 B | 2310 B | 1900 B | 1730 B | 3200 B | 56000 | 32700 | 17500 | 22700 | 11200 | 4900 B | 4390 B | 8 |
| 9 | 3000 B | 2320 B | 1910 B | 1740 B | 3700 B | 48000 E | 30200 | 17900 | 22600 | 11300 | 4950 B | 4400 B | 9 |
| 10 | 2950 B | 2320 B | 1910 B | 1750 B | 4400 B | 52000 E | 28400 | 20500 | 23000 | 11100 | 4950 B | 4390 B | 10 |
| 11 | 2900 B | 2320 B | 1910 B | 1750 B | 5600 B | 56000 E | 26900 | 24100 | 22700 | 10000 | 4950 B | 4380 B | 11 |
| 12 | 2900 B | 2310 B | 1920 B | 1770 B | 7000 B | 64000 E | 25200 | 24200 | 22300 | 7960 | 4950 B | 4320 B | 12 |
| 13 | 2880 B | 2300 B | 1920 B | 1780 B | 10000 B | 77200 A | 23400 | 22000 | 22000 | 7680 | 4920 B | 4250 B | 13 |
| 14 | 2850 B | 2270 B | 1920 B | 1780 B | 13500 B | 85600 | 22000 | 21200 | 21500 | 7520 | 4850 B | 4200 B | 14 |
| 15 | 2850 B | 2220 B | 1920 B | 1780 B | 17000 B | 75800 | 20900 | 19600 | 21500 | 7580 | 4800 B | 4000 B | 15 |
| 16 | 2820 B | 2200 B | 1920 B | 1790 B | 23000 B | 72600 | 20100 | 18400 | 21600 | 7930 | 4790 B | 3950 B | 16 |
| 17 | 2800 B | 2170 B | 1920 B | 1790 B | 30000 B | 73500 | 19500 | 17700 | 24500 | 8730 | 4750 B | 3900 B | 17 |
| 18 | 2720 B | 2100 B | 1920 B | 1780 B | 40000 B | 69400 | 19100 | 17800 | 22800 | 9340 | 4700 B | 3850 B | 18 |
| 19 | 2690 B | 2090 B | 1920 B | 1740 B | 50000 B | 63400 | 18600 | 17600 | 27300 | 9360 | 4650 B | 3820 B | 19 |
| 20 | 2610 B | 2070 B | 1920 B | 1720 B | 49000 E | 56900 | 17800 | 17500 | 25600 | 10100 | 4610 B | 3820 B | 20 |
| 21 | 2580 B | 2050 B | 1910 B | 1720 B | 47000 E | 52700 | 17200 | 18400 | 23700 | 10700 | 4600 B | 3820 B | 21 |
| 22 | 2550 B | 2050 B | 1910 B | 1710 B | 46000 E | 50900 | 16900 | 19600 | 22000 | 9990 | 4600 B | 3800 B | 22 |
| 23 | 2520 B | 2050 B | 1900 B | 1720 B | 45000 E | 48800 | 16700 | 19900 | 20300 | 9100 | 4600 B | 3780 B | 23 |
| 24 | 2520 B | 2080 B | 1900 B | 1730 B | 44000 E | 47200 | 17000 | 19100 | 19000 | 7870 | 4610 B | 3700 B | 24 |
| 25 | 2520 B | 2080 B | 1900 B | 1780 B | 46000 E | 42300 | 20900 | 18200 | 17700 | 7300 | 4600 B | 3650 B | 25 |
| 26 | 2520 B | 2050 B | 1890 B | 1790 B | 38000 A | 38100 | 23100 | 17700 | 16300 | 6180 | 4600 B | 3520 B | 26 |
| 27 | 2510 B | 2010 B | 1880 B | 1810 B | 36300 | 36100 | 22100 | 17100 | 15300 | 5630 | 4590 B | 3450 B | 27 |
| 28 | 2510 B | 2000 B | 1830 B | 1880 B | 38200 | 36800 | 19900 | 17500 | 14500 | 5370 | 4550 B | 3370 B | 28 |
| 29 | 2510 B | 1980 B | 1800 B | 1920 B | 47900 | 43600 | 18300 | 17500 | 13700 | 5000 | 4500 B | 3320 B | 29 |
| 30 | 2510 B | 1990 B | 1790 B | 2010 B | 66700 | 59500 | 17900 | 18900 | 13100 | 5000 | 4450 B | 3250 B | 30 |
| 31 | 2500 B | 1990 B | 1790 B | | 86800 | | 18300 | 20000 | | 4980 B | | 3250 B | 31 |
| TOTAL | 87300 | 64230 | 58790 | 53090 | 815370 | 2031100 | 885300 | 582500 | 623300 | 286320 | 142800 | 123320 | TOTAL |
| MEAN | 2820 | 2210 | 1900 | 1770 | 26300 | 67700 | 28600 | 18800 | 20800 | 9240 | 4760 | 3980 | MEAN |
| AC-FT | 173000 | 127000 | 117000 | 105000 | 1620000 | 4030000 | 1760000 | 1160000 | 1240000 | 568000 | 283000 | 245000 | AC-FT |
| MAX | 3350 | 2500 | 1940 | 2010 | 86800 | 126000 | 76100 | 24200 | 27800 | 12900 | 4990 | 4420 | MAX |
| MIN | 2500 | 1980 | 1790 | 1710 | 2100 | 36100 | 16700 | 16200 | 13100 | 4980 | 4450 | 3250 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 15700 CFS
 TOTAL DISCHARGE, 11400000 AC-FT
 MAXIMUM DAILY DISCHARGE, 126000 CFS ON JUN 3
 MINIMUM DAILY DISCHARGE, 1710 CFS ON APR 22
 MAXIMUM INSTANTANEOUS DISCHARGE
 128000 CFS AT 1057 YWT ON JUN 3

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 16 55 N
 LONG 139 14 56 W
 DRAINAGE AREA 19700 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

TAKHINI RIVER AT OUTLET OF KUSAWA LAKE - STATION NO. 09AC004

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|-------|-------|
| 1 | 354 B | 282 B | 224 B | 197 B | 182 B | 1030 | 5330 | 5570 | 4920 | 2310 E | 1210 | 740 | 1 |
| 2 | 351 B | 279 B | 220 B | 198 B | 186 B | 1270 | 5120 | 5480 | 4730 | 2350 A | 1170 | 738 | 2 |
| 3 | 348 B | 276 B | 217 B | 197 B | 188 B | 1400 | 5010 | 5390 | 4660 | 2280 | 1120 | 734 | 3 |
| 4 | 342 B | 272 B | 215 B | 196 B | 192 B | 1500 | 4990 | 5440 | 4590 | 2210 | 1040 | 716 | 4 |
| 5 | 337 B | 268 B | 213 B | 195 B | 197 B | 1560 | 5040 | 5500 | 4530 | 2190 | 1060 | 710 | 5 |
| 6 | 332 B | 264 B | 212 B | 193 B | 201 B | 1600 | 5140 | 5610 | 4380 | 2120 | 1090 | 695 | 6 |
| 7 | 329 B | 262 B | 211 B | 192 B | 206 B | 1610 | 5270 | 5570 | 4290 | 2020 | 1080 | 688 | 7 |
| 8 | 327 B | 261 B | 212 B | 191 B | 212 B | 1660 | 5480 | 5620 | 4180 | 1930 | 1060 | 677 | 8 |
| 9 | 325 B | 262 B | 214 B | 190 B | 222 B | 1710 | 5670 | 5780 | 4090 | 1960 | 1050 | 672 | 9 |
| 10 | 318 B | 263 B | 215 B | 189 B | 230 B | 1740 | 5810 | 5870 | 4040 | 1930 | 1030 | 655 | 10 |
| 11 | 310 B | 264 B | 216 B | 188 B | 240 B | 1790 | 5940 | 5950 | 3900 | 1910 | 1010 | 644 | 11 |
| 12 | 300 B | 265 B | 217 B | 187 B | 258 | 1890 | 6050 | 5970 | 3890 | 1820 | 989 | 636 | 12 |
| 13 | 294 B | 264 B | 218 B | 188 B | 270 | 2130 | 6210 | 5990 | 3830 | 1770 | 971 | 634 | 13 |
| 14 | 289 B | 261 B | 219 B | 187 B | 287 | 2540 | 6340 | 5960 | 3750 | 1780 | 961 | 608 | 14 |
| 15 | 286 B | 256 B | 219 B | 185 B | 301 | 3090 | 6310 | 5860 | 3640 | 1740 | 960 | 598 | 15 |
| 16 | 285 B | 250 B | 219 B | 183 B | 316 | 3670 | 6280 | 5770 | 3520 | 1690 | 954 | 588 | 16 |
| 17 | 285 B | 243 B | 218 B | 181 B | 329 | 4230 | 6160 | 5730 | 3380 | 1670 | 937 | 583 | 17 |
| 18 | 284 B | 237 B | 217 B | 180 B | 340 | 4600 | 6070 | 5740 | 3280 | 1630 | 915 | 580 | 18 |
| 19 | 280 B | 232 B | 216 B | 178 B | 350 | 4810 | 5990 | 5770 | 3210 | 1600 | 901 | 569 | 19 |
| 20 | 274 B | 230 B | 215 B | 176 B | 356 | 4960 | 5880 | 5840 | 3140 | 1530 | 889 | 568 | 20 |
| 21 | 269 B | 229 B | 213 B | 175 B | 363 | 5130 | 5840 | 5860 | 2890 | 1510 | 897 | 561 | 21 |
| 22 | 268 B | 228 B | 212 B | 174 B | 373 | 5260 | 5860 | 5820 | 2930 | 1460 | 895 | 538 B | 22 |
| 23 | 269 B | 229 B | 210 B | 173 B | 389 | 5480 | 5870 | 5800 | 2970 | 1450 | 877 | 520 B | 23 |
| 24 | 271 B | 230 B | 208 B | 173 B | 396 | 5630 | 5880 | 5790 | 2880 | 1370 | 849 | 508 B | 24 |
| 25 | 274 B | 231 B | 205 B | 173 B | 412 | 5720 | 5880 | 5690 | 2800 | 1380 | 831 | 490 B | 25 |
| 26 | 279 B | 230 B | 202 B | 174 B | 421 | 5840 | 5870 | 5650 | 2700 | 1350 | 843 | 462 B | 26 |
| 27 | 283 B | 228 B | 201 B | 175 B | 438 | 5900 | 5930 | 5590 | 2580 | 1320 | 816 | 450 B | 27 |
| 28 | 285 B | 227 B | 200 B | 176 B | 458 | 5810 | 5900 | 5440 | 2560 A | 1320 | 807 | 440 B | 28 |
| 29 | 288 B | 226 B | 200 B | 178 B | 494 | 5660 | 5850 | 5380 | 2440 E | 1310 | 798 | 428 B | 29 |
| 30 | 289 B | 198 B | 198 B | 180 B | 579 | 5520 | 5710 | 5220 | 2370 E | 1250 | 762 | 420 B | 30 |
| 31 | 286 B | 197 B | 197 B | | 749 | | 5620 | 5060 | | 1220 | | 404 B | 31 |
| TOTAL | 9311 | 7249 | 6571 | 5522 | 10135 | 104740 | 178300 | 175710 | 107070 | 53380 | 28772 | 18254 | TOTAL |
| MEAN | 300 | 250 | 212 | 184 | 327 | 3490 | 5750 | 5670 | 3570 | 1720 | 959 | 589 | MEAN |
| AC-FT | 18500 | 14400 | 13000 | 11000 | 20100 | 208000 | 354000 | 349000 | 212000 | 106000 | 57100 | 36200 | AC-FT |
| MAX | 354 | 282 | 224 | 198 | 749 | 5900 | 6340 | 5990 | 4920 | 2350 | 1210 | 740 | MAX |
| MIN | 268 | 226 | 197 | 173 | 182 | 1030 | 4990 | 5060 | 2370 | 1220 | 762 | 404 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 1930 CFS
 TOTAL DISCHARGE, 1400000 AC-FT
 MAXIMUM DAILY DISCHARGE, 6340 CFS ON JUL 14
 MINIMUM DAILY DISCHARGE, 173 CFS ON APR 23
 MAXIMUM INSTANTANEOUS DISCHARGE
 6390 CFS AT 1332 YET ON JUL 14

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 36 37 N
 LONG 136 07 26 W
 DRAINAGE AREA 1570 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

YUKON TERRITORY

TAKHINI RIVER NEAR WHITEHORSE - STATION NO. 09AC001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|
| 1 | 462 B | 379 B | 272 B | 263 B | 306 B | 2840 | 5840 | 6330 | 5260 | 2770 | 1190 B | 766 B | 1 |
| 2 | 461 B | 380 B | 268 B | 262 B | 314 B | 2820 | 5680 | 6220 | 5060 | 2660 | 1170 B | 756 B | 2 |
| 3 | 458 B | 377 B | 266 B | 261 B | 322 B | 2690 | 5600 | 6080 | 4920 | 2640 | 1150 B | 746 B | 3 |
| 4 | 448 B | 371 B | 265 B | 260 B | 330 B | 2480 | 5550 | 6030 | 4830 | 2480 | 1130 B | 738 B | 4 |
| 5 | 438 B | 360 B | 266 B | 260 B | 340 B | 2250 | 5570 | 6100 | 4740 | 2460 | 1100 B | 724 B | 5 |
| 6 | 430 B | 342 B | 265 B | 261 B | 346 B | 2130 | 5660 | 6160 | 4660 | 2400 | 1090 B | 710 B | 6 |
| 7 | 424 B | 328 B | 267 B | 262 B | 356 B | 2050 | 5770 | 6210 | 4570 | 2300 | 1080 B | 698 B | 7 |
| 8 | 422 B | 336 B | 268 B | 260 B | 368 B | 2030 | 5930 | 6260 | 4500 | 2120 | 1070 B | 688 B | 8 |
| 9 | 420 B | 340 B | 270 B | 258 B | 382 B | 2060 | 6200 | 6770 | 4410 | 2020 | 1050 B | 680 B | 9 |
| 10 | 406 B | 342 B | 272 B | 258 B | 400 B | 2110 | 6360 | 7060 | 4350 | 1970 | 1030 B | 676 B | 10 |
| 11 | 390 B | 346 B | 276 B | 257 B | 425 B | 2230 | 6470 | 7050 | 4280 | 1990 | 1010 B | 664 B | 11 |
| 12 | 375 B | 348 B | 278 B | 256 B | 466 B | 2840 | 6470 | 6970 | 4220 | 2030 | 980 B | 652 B | 12 |
| 13 | 366 B | 346 B | 280 B | 257 B | 525 B | 3900 | 6560 | 6850 | 4200 | 1940 | 960 B | 640 B | 13 |
| 14 | 360 B | 338 B | 282 B | 259 B | 590 B | 4740 | 6670 | 6730 | 4100 | 1900 | 950 B | 628 B | 14 |
| 15 | 362 B | 326 B | 280 B | 261 B | 630 B | 5230 | 6710 | 6590 | 4030 | 1890 | 938 B | 610 B | 15 |
| 16 | 361 B | 308 B | 279 B | 262 B | 632 A | 5730 | 6610 | 6490 | 3920 | 1850 | 932 B | 598 B | 16 |
| 17 | 362 B | 298 B | 278 B | 264 B | 614 | 5970 | 6530 | 6390 | 3790 | 1780 | 918 B | 590 B | 17 |
| 18 | 360 B | 292 B | 275 B | 266 B | 604 | 6130 | 6470 | 6380 | 3660 | 1750 | 900 B | 587 B | 18 |
| 19 | 356 B | 288 B | 272 B | 267 B | 608 | 6090 | 6380 | 6410 | 3580 | 1700 | 892 B | 583 B | 19 |
| 20 | 351 B | 287 B | 268 B | 269 B | 695 | 6000 | 6260 | 6390 | 3530 | 1560 | 880 B | 580 B | 20 |
| 21 | 346 B | 285 B | 267 B | 271 B | 793 | 6020 | 6180 | 6400 | 3370 | 1490 | 868 B | 574 B | 21 |
| 22 | 343 B | 286 B | 266 B | 273 B | 854 | 6050 | 6220 | 6340 | 3230 | 1470 | 850 B | 568 B | 22 |
| 23 | 342 B | 287 B | 264 B | 276 B | 827 | 6230 | 6270 | 6250 | 3250 | 1460 | 830 B | 558 B | 23 |
| 24 | 344 B | 289 B | 265 B | 280 B | 797 | 6510 | 6320 | 6210 | 3180 | 1460 | 816 B | 548 B | 24 |
| 25 | 350 B | 288 B | 266 B | 283 B | 773 | 6580 | 6370 | 6170 | 3070 | 1400 | 808 B | 542 B | 25 |
| 26 | 354 B | 287 B | 267 B | 287 B | 779 | 6570 | 6400 | 6060 | 2970 | 1380 | 804 B | 538 B | 26 |
| 27 | 361 B | 282 B | 268 B | 290 B | 812 | 6610 | 6660 | 5980 | 2950 | 1340 | 802 B | 530 B | 27 |
| 28 | 365 B | 280 B | 269 B | 293 B | 1050 | 6530 | 6660 | 5840 | 2860 | 1330 | 800 B | 520 B | 28 |
| 29 | 372 B | 276 B | 267 B | 296 B | 1570 | 6300 | 6570 | 5720 | 2850 | 1310 B | 798 B | 508 B | 29 |
| 30 | 377 B | 265 B | 265 B | 298 B | 2230 | 6060 | 6470 | 5580 | 2810 | 1280 B | 796 B | 502 B | 30 |
| 31 | 379 B | 263 B | 263 B | 2990 | 2990 | 2990 | 6410 | 5420 | 2810 | 1250 B | 796 | 498 B | 31 |
| TOTAL | 11945 | 9292 | 8374 | 8070 | 22728 | 135780 | 193820 | 195440 | 117150 | 57380 | 28592 | 19200 | TOTAL |
| MEAN | 385 | 320 | 270 | 269 | 733 | 4530 | 6250 | 6300 | 3910 | 1850 | 953 | 619 | MEAN |
| AC-FT | 23700 | 18400 | 16600 | 16000 | 45100 | 269000 | 384000 | 388000 | 232000 | 114000 | 56700 | 38100 | AC-FT |
| MAX | 462 | 380 | 282 | 298 | 2990 | 6610 | 6710 | 7060 | 5260 | 2770 | 1190 | 766 | MAX |
| MIN | 342 | 276 | 263 | 256 | 306 | 2030 | 5550 | 5420 | 2810 | 1250 | 796 | 498 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 2210 CFS
 TOTAL DISCHARGE, 1600000 AC-FT
 MAXIMUM DAILY DISCHARGE, 7060 CFS ON AUG 10
 MINIMUM DAILY DISCHARGE, 256 CFS ON APR 12
 MAXIMUM INSTANTANEOUS DISCHARGE
 7070 CFS AT 1105 YET ON AUG 10

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 60 51 08 N
 LONG 135 44 21 W
 DRAINAGE AREA 2640 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 REGULATED SINCE 1948

TESLIN LAKE AT TESLIN - STATION NO. 09AE002

DAILY WATER LEVEL IN FEET FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| 1 | --- | 11.20 | --- | --- | --- | 20.89 | 25.50 | 18.25 | 16.18 | --- | 14.08 | --- | 1 |
| 2 | 11.56 | --- | 10.83 | --- | 9.71 | 22.82 | 25.03 | 18.18 | 16.11 | 15.43 | --- | --- | 2 |
| 3 | --- | --- | --- | --- | --- | 23.17 | 24.60 | 18.09 | 16.06 | 15.47 | 13.99 | --- | 3 |
| 4 | --- | 11.15 | --- | --- | --- | 24.03 | 24.07 | 18.01 | 16.00 | --- | --- | 12.36 | 4 |
| 5 | 11.53 | --- | --- | 10.08 | --- | 24.31 | 23.59 | 17.93 | 15.95 | 15.50 | --- | --- | 5 |
| 6 | --- | --- | 10.76 | --- | --- | 24.47 | 23.22 | 17.85 | --- | --- | --- | --- | 6 |
| 7 | --- | 11.10 | --- | --- | 9.72 | 24.53 | 22.87 | 17.77 | 15.88 | 15.53 | --- | 12.32 | 7 |
| 8 | 11.47 | --- | --- | --- | --- | 24.58 | 22.57 | --- | 15.81 | 15.51 | --- | --- | 8 |
| 9 | --- | --- | --- | --- | --- | 24.65 | 22.29 | 17.67 | 15.76 | 15.45 | --- | --- | 9 |
| 10 | --- | 11.05 | 10.72 | 10.00 | --- | 24.90 | 22.01 | 17.62 | 15.73 | 15.39 | --- | 12.28 | 10 |
| 11 | --- | --- | --- | --- | --- | 25.20 | 21.75 | 17.60 | 15.71 | --- | --- | --- | 11 |
| 12 | --- | --- | --- | --- | --- | 25.56 | 21.47 | 17.58 | --- | 15.33 | --- | --- | 12 |
| 13 | --- | --- | --- | 9.94 | --- | 25.96 | 21.25 | 17.53 | 15.66 | 15.28 | --- | 12.20 | 13 |
| 14 | --- | 11.01 | --- | --- | --- | 26.29 | 20.92 | 17.47 | 15.65 | 15.23 | --- | --- | 14 |
| 15 | --- | --- | 10.68 | --- | --- | 26.49 | 20.63 | 17.43 | 15.64 | 15.19 | --- | --- | 15 |
| 16 | --- | --- | --- | 9.94 | --- | 26.61 | 20.42 | 17.40 | --- | 15.15 | --- | 12.15 | 16 |
| 17 | --- | 10.97 | --- | --- | --- | 26.74 | 20.19 | 17.36 | 15.64 | 15.12 | --- | --- | 17 |
| 18 | --- | --- | 10.55 | 9.92 | --- | 27.09 | 19.92 | --- | 15.63 | --- | --- | --- | 18 |
| 19 | --- | --- | --- | --- | --- | 27.31 | 19.70 | --- | --- | 15.01 | --- | 12.11 | 19 |
| 20 | --- | --- | --- | --- | --- | 27.58 | 19.48 | 17.14 | 15.57 | 14.90 | --- | --- | 20 |
| 21 | --- | --- | 10.46 | 9.87 | --- | 27.69 | 19.32 | 17.08 | 15.51 | 14.78 | 12.88 | --- | 21 |
| 22 | --- | --- | --- | --- | --- | 27.68 | 19.08 | 17.04 | 15.47 | --- | --- | 12.04 | 22 |
| 23 | --- | --- | --- | --- | --- | 27.50 | 18.86 | 17.00 | 15.43 | --- | --- | --- | 23 |
| 24 | --- | 10.94 | 10.37 | 9.85 | 14.68 | 27.31 | 18.99 | 16.93 | 15.38 | 14.55 | --- | 12.00 | 24 |
| 25 | --- | --- | --- | --- | --- | 27.08 | 18.55 | 16.84 | 15.35 | --- | --- | --- | 25 |
| 26 | --- | --- | --- | 9.75 | 15.54 | 26.81 | 18.47 | 16.75 | --- | 14.48 | --- | 11.96 | 26 |
| 27 | --- | --- | 10.27 | --- | --- | 26.73 | 18.43 | 16.66 | 15.30 | --- | --- | --- | 27 |
| 28 | --- | --- | --- | --- | 16.52 | 26.66 | 18.43 | 16.55 | 15.32 | 14.38 | 12.61 | --- | 28 |
| 29 | 11.24 | --- | --- | 9.72 | --- | 26.20 | 18.37 | 16.45 | 15.35 | --- | --- | 11.91 | 29 |
| 30 | --- | --- | --- | --- | 18.46 | 25.89 | 18.28 | 16.35 | 15.38 | --- | --- | --- | 30 |
| 31 | --- | --- | 10.18 | --- | 19.64 | --- | 18.31 | 16.26 | --- | 14.19 | --- | --- | 31 |

SUMMARY FOR THE YEAR 1972

MAXIMUM DAILY WATER LEVEL, 27.69 FT ON JUN 21
 MINIMUM DAILY WATER LEVEL, 9.71 FT ON MAY 2

TYPE OF GAUGE - MANUAL
 LOCATION - LAT 60 09 52 N
 LONG 132 42 12 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM.
 APPLY 2221.31 FT ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM.

YUKON TERRITORY

TESLIN RIVER NEAR TESLIN - STATION NO. 09AE001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|---------|---------|--------|--------|--------|--------|--------|-------|
| 1 | 2900 B | 2260 B | 1740 B | 2390 B | 1910 | 26900 | 44200 | 18300 | 12700 | 10800 | 8400 | 5600 B | 1 |
| 2 | 2870 B | 2250 B | 1750 B | 2380 B | 1860 | 29800 | 42000 | 18200 | 12700 | 10900 | 8220 | 5530 B | 2 |
| 3 | 2840 B | 2160 B | 1770 B | 2350 B | 1850 | 35000 | 40200 | 18100 | 12500 | 10900 | 8050 | 5520 B | 3 |
| 4 | 2810 B | 2110 B | 1780 B | 2340 B | 1840 | 38000 | 38700 | 17800 | 12300 | 10900 | 7880 | 5500 B | 4 |
| 5 | 2790 B | 2100 B | 1770 B | 2300 B | 1830 | 40000 | 37400 | 17500 | 12200 | 11000 | 7780 | 5450 B | 5 |
| 6 | 2790 B | 2100 B | 1750 B | 2290 | 1840 | 40800 | 36200 | 17400 | 12000 | 11000 | 7700 | 5340 B | 6 |
| 7 | 2770 B | 2110 B | 1740 B | 2230 | 1850 | 40700 | 34900 | 17200 | 12000 | 10900 | 7580 | 5270 B | 7 |
| 8 | 2700 B | 2140 B | 1750 B | 2220 | 1900 | 41000 | 33500 | 17100 | 11900 | 10800 | 7460 | 5150 B | 8 |
| 9 | 2650 B | 2170 B | 1780 B | 2210 | 1930 | 41100 | 32400 | 16800 | 11800 | 10800 | 7310 | 5050 B | 9 |
| 10 | 2620 B | 2160 B | 1800 B | 2220 | 2010 | 41300 | 31400 | 16700 | 11800 | 10800 | 7140 | 4980 B | 10 |
| 11 | 2570 B | 2110 B | 1850 B | 2200 | 2130 | 41900 | 30200 | 16400 | 11700 | 10700 | 6970 | 4850 B | 11 |
| 12 | 2510 B | 2050 B | 1940 B | 2160 | 2380 | 42700 | 29300 | 16700 | 11700 | 10700 | 6860 | 4790 B | 12 |
| 13 | 2510 B | 2020 B | 2050 B | 2150 | 2650 | 44000 | 28700 | 16800 | 11600 | 10700 | 6800 | 4650 B | 13 |
| 14 | 2520 B | 2000 B | 2300 B | 2140 | 2900 | 45800 | 27700 | 16800 | 11500 | 10700 | 6730 | 4590 B | 14 |
| 15 | 2520 B | 1980 B | 2400 B | 2100 | 3350 | 47000 | 26600 | 16600 | 11400 | 10600 | 6660 | 4500 B | 15 |
| 16 | 2510 B | 1960 B | 2420 B | 2090 | 3850 | 48600 | 25700 | 16200 | 11400 | 10500 | 6520 | 4450 B | 16 |
| 17 | 2500 B | 1930 B | 2430 B | 2100 | 4620 | 50500 | 24900 | 15900 | 11500 | 10500 | 6430 | 4400 B | 17 |
| 18 | 2470 B | 1890 B | 2430 B | 2100 | 4950 | 51400 | 24200 | 15700 | 11600 | 10400 | 6380 | 4340 B | 18 |
| 19 | 2410 B | 1850 B | 2430 B | 2080 | 5240 | 52400 | 23300 | 15500 | 11500 | 10300 | 6350 | 4270 B | 19 |
| 20 | 2350 B | 1840 B | 2460 B | 2070 | 5550 | 53200 | 22700 | 15300 | 11400 | 9990 | 6260 | 4130 B | 20 |
| 21 | 2320 B | 1830 B | 2460 B | 2050 | 6160 | 53100 | 22500 | 15200 | 11400 | 9930 | 6260 | 4070 B | 21 |
| 22 | 2290 B | 1830 B | 2480 B | 2050 | 6780 | 53300 | 22000 | 14900 | 11200 | 9770 | 6190 | 4050 B | 22 |
| 23 | 2270 B | 1830 B | 2480 B | 2040 | 8140 | 52900 | 21700 | 14500 | 11000 | 9660 | 6140 | 4030 B | 23 |
| 24 | 2250 B | 1830 B | 2460 B | 2030 | 9660 | 52300 | 21200 | 14300 | 11000 | 9550 | 5990 | 4010 B | 24 |
| 25 | 2240 B | 1810 B | 2440 B | 2010 | 10700 | 51300 | 20300 | 14000 | 11000 | 9460 | 5790 | 4000 B | 25 |
| 26 | 2240 B | 1780 B | 2420 B | 2000 | 11300 | 51200 | 19900 | 14000 | 10900 | 9420 | 5750 | 4000 B | 26 |
| 27 | 2240 B | 1760 B | 2420 B | 1990 | 12600 | 50200 | 19500 | 13800 | 10900 | 9250 | 5720 | 3990 B | 27 |
| 28 | 2250 B | 1750 B | 2420 B | 1960 | 13700 | 48700 | 19100 | 13500 | 10800 | 9020 | 5680 | 3950 B | 28 |
| 29 | 2250 B | 1730 B | 2400 B | 1940 | 15900 | 47500 | 19300 | 13100 | 10800 | 8680 | 5670 | 3860 B | 29 |
| 30 | 2260 B | | 2390 B | 1930 | 19400 | 46000 | 18900 | 13000 | 10800 | 8580 | 5650 | 3820 B | 30 |
| 31 | 2270 B | | 2390 B | | 22600 | | 18500 | 12800 | | 8500 | | 3780 B | 31 |
| TOTAL | 77490 | 57340 | 67100 | 64120 | 193380 | 1358600 | 857100 | 490100 | 347000 | 315710 | 202230 | 141920 | TOTAL |
| MEAN | 2500 | 1980 | 2160 | 2140 | 6240 | 45300 | 27600 | 15800 | 11600 | 10200 | 6740 | 4580 | MEAN |
| AC-FT | 154000 | 114000 | 133000 | 127000 | 384000 | 2690000 | 1700000 | 972000 | 688000 | 626000 | 401000 | 281000 | AC-FT |
| MAX | 2900 | 2260 | 2480 | 2390 | 22600 | 53300 | 44200 | 18300 | 12700 | 11000 | 8400 | 5600 | MAX |
| MIN | 2240 | 1730 | 1740 | 1930 | 1830 | 26900 | 18500 | 12800 | 10800 | 8500 | 5650 | 3780 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 11400 CFS
 TOTAL DISCHARGE, 8270000 AC-FT
 MAXIMUM DAILY DISCHARGE, 53300 CFS ON JUN 22
 MINIMUM DAILY DISCHARGE, 1730 CFS ON FEB 29

TYPE OF GAUGE - MANUAL
 LOCATION - LAT 60 29 07 N
 LONG 133 18 04 W
 DRAINAGE AREA 11700 SQ MILES

B-ICE CONDITIONS
 E-ESTIMATED
 NATURAL FLOW

TESLIN RIVER NEAR WHITEHORSE - STATION NO. 09AF001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|---------|---------|---------|--------|--------|--------|--------|-------|
| 1 | 3030 B | 2380 B | 1780 B | 2600 B | 2600 B | 31300 | 47700 | 20800 | 14700 | 12200 | 8950 | 6000 B | 1 |
| 2 | 2950 B | 2340 B | 1790 B | 2600 B | 2600 B | 33200 | 46400 | 20500 | 14500 | 12200 | 8900 B | 5930 B | 2 |
| 3 | 2870 B | 2240 B | 1800 B | 2610 B | 2600 B | 35300 | 44900 | 20100 | 14200 | 12400 | 8800 B | 5870 B | 3 |
| 4 | 2840 B | 2180 B | 1810 B | 2620 B | 2600 B | 37700 | 43100 | 19900 | 14100 | 12300 | 8650 B | 5800 B | 4 |
| 5 | 2810 B | 2160 B | 1810 B | 2620 B | 2610 B | 40000 | 41400 | 20000 | 13900 | 12200 | 8500 B | 5700 B | 5 |
| 6 | 2800 B | 2150 B | 1800 B | 2610 B | 2620 B | 41900 | 40100 | 20000 | 13700 | 12300 | 8300 B | 5650 B | 6 |
| 7 | 2780 B | 2160 B | 1800 B | 2600 B | 2630 B | 42800 | 38800 | 19600 | 13600 | 12200 | 8200 B | 5550 B | 7 |
| 8 | 2710 B | 2170 B | 1800 B | 2590 B | 2650 B | 43300 | 37700 | 19300 | 13500 | 11900 | 8050 B | 5500 B | 8 |
| 9 | 2660 B | 2190 B | 1820 B | 2550 B | 2690 B | 43500 | 36600 | 19600 | 13400 | 11500 | 7950 B | 5340 B | 9 |
| 10 | 2630 B | 2200 B | 1850 B | 2530 B | 2720 B | 45200 | 35600 | 19300 | 13300 | 11500 | 7850 B | 5200 B | 10 |
| 11 | 2580 B | 2180 B | 1970 B | 2530 B | 2790 B | 45100 | 34400 | 19100 | 13300 | 11700 | 7800 B | 5130 B | 11 |
| 12 | 2520 B | 2110 B | 2150 B | 2530 B | 2900 B | 46400 | 33400 | 19000 | 13300 | 11800 | 7730 B | 5000 B | 12 |
| 13 | 2520 B | 2080 B | 2380 B | 2540 B | 3140 B | 48700 | 32300 | 19000 | 13200 | 11700 | 7630 B | 4920 B | 13 |
| 14 | 2520 B | 2040 B | 2500 B | 2550 B | 3380 B | 50200 | 31400 | 18900 | 13100 | 11500 | 7450 B | 4850 B | 14 |
| 15 | 2530 B | 2020 B | 2550 B | 2570 B | 3850 B | 51200 | 30400 | 18800 | 13100 | 11400 | 7270 B | 4740 B | 15 |
| 16 | 2540 B | 2000 B | 2580 B | 2590 B | 4550 B | 52300 | 29400 | 18600 | 13000 | 11200 | 7100 B | 4660 B | 16 |
| 17 | 2540 B | 1980 B | 2590 B | 2590 B | 5380 B | 52600 | 28700 | 18300 | 12900 | 11100 | 7030 B | 4550 B | 17 |
| 18 | 2500 B | 1940 B | 2590 B | 2590 B | 6500 B | 53300 | 27800 | 18000 | 12700 | 11100 | 6950 B | 4500 B | 18 |
| 19 | 2430 B | 1910 B | 2600 B | 2590 B | 7550 B | 53400 | 27000 | 17600 | 12800 | 10900 | 6800 B | 4450 B | 19 |
| 20 | 2380 B | 1890 B | 2650 B | 2570 B | 8480 B | 53800 | 26000 | 17400 | 12900 | 10800 | 6670 B | 4360 B | 20 |
| 21 | 2340 B | 1880 B | 2690 B | 2560 B | 9460 | 54300 | 25100 | 17200 | 12800 | 10600 | 6550 B | 4340 B | 21 |
| 22 | 2310 B | 1880 B | 2690 B | 2550 B | 9710 | 54200 | 24100 | 16900 | 12700 | 10500 | 6480 B | 4280 B | 22 |
| 23 | 2290 B | 1880 B | 2650 B | 2550 B | 10100 | 54200 | 23700 | 16700 | 12700 | 10400 | 6400 B | 4250 B | 23 |
| 24 | 2270 B | 1880 B | 2610 B | 2550 B | 10400 | 54300 | 23300 | 16500 | 12600 | 10500 | 6320 B | 4230 B | 24 |
| 25 | 2260 B | 1870 B | 2600 B | 2580 B | 10900 | 53900 | 22800 | 16300 | 12400 | 10200 | 6290 B | 4210 B | 25 |
| 26 | 2260 B | 1860 B | 2610 B | 2580 B | 11600 | 53500 | 22400 | 16000 | 12300 | 9790 | 6250 B | 4200 B | 26 |
| 27 | 2260 B | 1840 B | 2630 B | 2590 B | 13900 | 52900 | 22000 | 15900 | 12300 | 9820 | 6200 B | 4180 B | 27 |
| 28 | 2270 B | 1810 B | 2630 B | 2620 B | 17200 | 51800 | 21700 | 15700 | 12100 | 9740 | 6160 B | 4170 B | 28 |
| 29 | 2290 B | 1790 B | 2610 B | 2600 B | 20300 | 50600 | 21400 | 15400 | 12100 | 9550 B | 6130 B | 4150 B | 29 |
| 30 | 2330 B | | 2600 B | 2600 B | 23900 | 49100 | 21300 | 15200 | 12200 | 9350 B | 6100 B | 4080 B | 30 |
| 31 | 2350 B | | 2590 B | | 29600 | | 21100 | 15000 | | 9150 B | | 4020 B | 31 |
| TOTAL | 78370 | 59010 | 71530 | 77360 | 241910 | 1430000 | 962000 | 560600 | 393400 | 343500 | 219460 | 149810 | TOTAL |
| MEAN | 2530 | 2030 | 2310 | 2580 | 7800 | 47700 | 31000 | 18100 | 13100 | 11100 | 7320 | 4830 | MEAN |
| AC-FT | 155000 | 117000 | 142000 | 153000 | 480000 | 2840000 | 1910000 | 1110000 | 780000 | 681000 | 435000 | 297000 | AC-FT |
| MAX | 3030 | 2380 | 2690 | 2620 | 29600 | 54300 | 47700 | 20800 | 14700 | 12400 | 8950 | 6000 | MAX |
| MIN | 2260 | 1790 | 1780 | 2530 | 2600 | 31300 | 21100 | 15000 | 12100 | 9150 | 6100 | 4020 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 12500 CFS
 TOTAL DISCHARGE, 9100000 AC-FT
 MAXIMUM DAILY DISCHARGE, 54300 CFS ON JUN 21
 MINIMUM DAILY DISCHARGE, 1780 CFS ON MAR 1
 MAXIMUM INSTANTANEOUS DISCHARGE
 54600 CFS AT 1106 YET ON JUN 21

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 29 21 N
 LONG 134 46 35 W
 DRAINAGE AREA 13700 SQ MILES

B-ICE CONDITIONS
 NATURAL FLOW

YUKON TERRITORY

WATSON RIVER NEAR CARCROSS - STATION NO. 09AA009

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|-------|
| 1 | 49.4 B | 43.7 B | 35.9 B | 40.1 B | 68.5 B | 1060 | 287 | 353 | 277 | 221 | 129 B | 87.0 B | 1 |
| 2 | 49.0 B | 43.6 B | 35.4 B | 40.0 B | 72.0 B | 812 | 266 | 329 | 264 | 235 | 125 B | 86.5 B | 2 |
| 3 | 48.7 B | 43.5 B | 35.2 B | 39.9 B | 76.6 B | 622 | 251 | 307 | 255 | 248 | 121 B | 86.3 B | 3 |
| 4 | 48.5 B | 43.3 B | 35.0 B | 39.8 B | 83.0 B | 460 | 255 | 316 | 247 | 229 | 117 B | 86.5 B | 4 |
| 5 | 48.2 B | 43.0 B | 34.8 B | 39.7 B | 89.0 B | 375 | 266 | 344 | 247 | 204 | 115 B | 86.8 B | 5 |
| 6 | 48.0 B | 42.5 B | 34.5 B | 39.6 B | 95.9 B | 353 | 295 | 369 | 248 | 205 | 114 B | 86.3 B | 6 |
| 7 | 47.7 B | 42.0 B | 34.4 B | 39.7 B | 104 B | 332 | 317 | 352 | 250 | 194 | 113 B | 85.8 B | 7 |
| 8 | 47.2 B | 41.5 B | 34.4 B | 39.8 B | 118 B | 305 | 357 | 344 | 247 | 179 | 112 B | 84.5 B | 8 |
| 9 | 46.8 B | 41.0 B | 34.4 B | 39.9 B | 129 B | 288 | 414 | 407 | 235 | 173 B | 111 B | 83.0 B | 9 |
| 10 | 46.6 B | 40.7 B | 34.3 B | 40.0 B | 142 B | 287 | 459 | 671 | 233 | 172 B | 112 B | 81.0 B | 10 |
| 11 | 46.4 B | 40.4 B | 34.2 B | 40.3 B | 158 B | 295 | 431 | 726 | 246 | 171 B | 112 B | 79.4 B | 11 |
| 12 | 46.2 B | 40.2 B | 34.1 B | 40.8 B | 180 B | 333 | 394 | 580 | 260 | 170 B | 112 B | 77.8 B | 12 |
| 13 | 46.0 B | 40.1 B | 34.3 B | 40.6 B | 203 B | 338 | 368 | 499 | 248 | 169 B | 111 B | 76.2 B | 13 |
| 14 | 45.8 B | 40.0 B | 34.5 B | 41.2 B | 247 B | 996 | 357 | 449 | 241 | 169 B | 110 B | 75.0 B | 14 |
| 15 | 45.7 B | 39.7 B | 34.6 B | 41.9 B | 220 B | 1210 | 352 | 422 | 229 | 168 B | 109 B | 73.8 B | 15 |
| 16 | 45.8 B | 38.8 B | 34.8 B | 42.4 B | 199 | 1150 | 322 | 407 | 226 | 168 B | 108 B | 72.6 B | 16 |
| 17 | 45.9 B | 38.0 B | 35.0 B | 43.0 B | 178 | 1030 | 301 | 399 | 232 | 167 B | 106 B | 71.8 B | 17 |
| 18 | 45.9 B | 37.6 B | 35.3 B | 44.0 B | 162 | 839 | 292 | 408 | 239 | 166 B | 104 B | 71.0 B | 18 |
| 19 | 45.8 B | 37.4 B | 35.6 B | 44.8 B | 148 | 678 | 280 | 458 | 237 | 164 B | 103 B | 70.6 B | 19 |
| 20 | 45.8 B | 37.3 B | 35.9 B | 46.2 B | 153 | 533 | 264 | 462 | 230 | 161 B | 103 B | 70.2 B | 20 |
| 21 | 45.7 B | 37.4 B | 36.3 B | 47.2 B | 187 | 466 | 261 | 412 | 227 | 157 B | 102 B | 70.1 B | 21 |
| 22 | 45.7 B | 37.6 B | 36.8 B | 48.4 B | 257 | 470 | 281 | 381 | 224 | 151 B | 102 B | 70.0 B | 22 |
| 23 | 45.6 B | 37.8 B | 37.2 B | 50.0 B | 250 | 471 | 311 | 362 | 219 | 146 B | 101 B | 69.8 B | 23 |
| 24 | 45.6 B | 37.9 B | 37.6 B | 52.0 B | 203 | 485 | 306 | 349 | 209 | 142 B | 100 B | 70.0 B | 24 |
| 25 | 45.5 B | 37.8 B | 38.1 B | 54.0 B | 172 | 504 | 317 | 341 | 211 | 138 B | 98.0 B | 70.1 B | 25 |
| 26 | 45.2 B | 37.7 B | 38.5 B | 55.6 B | 169 | 475 | 340 | 332 | 206 | 137 B | 96.4 B | 70.1 B | 26 |
| 27 | 44.9 B | 37.4 B | 38.9 B | 57.8 B | 173 | 423 | 390 | 330 | 213 | 136 B | 94.8 B | 70.2 B | 27 |
| 28 | 44.4 B | 36.9 B | 39.2 B | 59.9 B | 219 | 397 | 566 | 315 | 212 | 135 B | 92.8 B | 70.0 B | 28 |
| 29 | 44.1 B | 36.4 B | 39.4 B | 62.3 B | 387 | 360 | 467 | 303 | 229 | 134 B | 90.6 B | 69.4 B | 29 |
| 30 | 43.8 B | 40.0 B | 40.0 B | 65.4 B | 616 | 320 | 404 | 299 | 221 | 133 B | 88.4 B | 68.6 B | 30 |
| 31 | 43.7 B | 40.1 B | 40.1 B | 90.1 | 901 | 373 | 373 | 292 | 221 | 132 B | 88.4 | 67.8 B | 31 |
| TOTAL | 1433.6 | 1151.2 | 1118.7 | 1376.3 | 6360.0 | 16867 | 10544 | 12318 | 7062 | 5274 | 3213.0 | 2358.2 | TOTAL |
| MEAN | 46.2 | 39.7 | 36.1 | 45.9 | 205 | 562 | 340 | 397 | 235 | 170 | 107 | 76.1 | MEAN |
| AC-FT | 2840 | 2280 | 2220 | 2730 | 12600 | 33500 | 20900 | 24400 | 14000 | 10500 | 6370 | 4680 | AC-FT |
| MAX | 49.4 | 43.7 | 40.1 | 65.4 | 901 | 1210 | 566 | 726 | 277 | 248 | 129 | 87 | MAX |
| MIN | 43.7 | 36.4 | 34.1 | 39.6 | 68.5 | 287 | 251 | 292 | 206 | 132 | 88.4 | 67.8 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 189 CFS
TOTAL DISCHARGE, 137000 AC-FT
MAXIMUM DAILY DISCHARGE, 1210 CFS ON JUN 15
MINIMUM DAILY DISCHARGE, 34.1 CFS ON MAR 12
MAXIMUM INSTANTANEOUS DISCHARGE
1320 CFS AT 1452 YET ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 13 00 N
LONG 134 43 50 W
DRAINAGE AREA 452 SQ MILES

B-ICE CONDITIONS

NATURAL FLOW

WHEATON RIVER NEAR CARCROSS - STATION NO. 09AA012

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|-------|
| 1 | 74.2 B | 55.0 B | 40.8 B | 34.0 B | 34.9 B | 958 | 327 | 503 | 317 | 239 E | 118 B | 79.6 B | 1 |
| 2 | 73.6 B | 54.0 B | 39.8 B | 34.1 B | 35.1 B | 651 | 339 | 494 | 326 | 246 E | 115 B | 79.0 B | 2 |
| 3 | 73.0 B | 53.0 B | 39.0 B | 33.9 B | 35.5 B | 417 | 391 | 506 | 350 | 252 E | 111 B | 79.0 B | 3 |
| 4 | 72.1 B | 52.6 B | 37.8 B | 34.1 B | 35.9 B | 310 | 475 | 659 | 349 | 239 E | 107 B | 78.6 B | 4 |
| 5 | 72.6 B | 52.0 B | 37.0 B | 34.0 B | 36.5 B | 270 | 575 | 719 | 344 | 223 A | 104 B | 78.2 B | 5 |
| 6 | 71.8 B | 51.2 B | 36.2 B | 34.0 B | 37.0 B | 258 | 637 | 617 | 336 | 226 | 102 B | 78.0 B | 6 |
| 7 | 71.0 B | 50.4 B | 35.4 B | 34.1 B | 37.5 B | 243 | 694 | 542 | 327 | 221 | 100 B | 77.2 B | 7 |
| 8 | 70.0 B | 50.0 B | 34.8 B | 34.1 B | 38.2 B | 236 | 796 | 669 | 304 | 212 | 99.0 B | 76.4 B | 8 |
| 9 | 69.5 B | 49.5 B | 34.4 B | 34.1 B | 39.3 B | 247 | 1030 | 1010 | 292 | 206 | 98.2 B | 75.2 B | 9 |
| 10 | 69.0 B | 48.8 B | 33.9 B | 34.1 B | 40.8 B | 273 | 857 | 922 | 303 | 187 | 98.0 B | 74.0 B | 10 |
| 11 | 68.4 B | 48.3 B | 33.5 B | 34.2 B | 42.6 B | 330 | 732 | 746 | 348 | 173 B | 97.8 B | 72.0 B | 11 |
| 12 | 67.8 B | 48.0 B | 33.4 B | 34.2 B | 44.8 B | 739 | 713 | 656 | 323 | 167 B | 98.0 B | 70.4 B | 12 |
| 13 | 67.0 B | 47.4 B | 33.3 B | 34.2 B | 47.0 B | 1440 | 693 | 613 | 312 | 162 B | 97.6 B | 69.8 B | 13 |
| 14 | 66.0 B | 47.0 B | 33.2 B | 34.2 B | 52.0 B | 1780 | 678 | 580 | 295 | 159 B | 97.2 B | 68.8 B | 14 |
| 15 | 65.0 B | 46.6 B | 33.0 B | 34.3 B | 58.0 B | 1760 | 578 | 566 | 288 | 157 B | 96.8 B | 68.2 B | 15 |
| 16 | 64.6 B | 46.2 B | 32.8 B | 34.3 B | 70.0 B | 1610 | 517 | 579 | 280 | 154 B | 96.2 B | 68.0 B | 16 |
| 17 | 63.8 B | 45.8 B | 32.9 B | 34.2 B | 94.0 B | 1290 | 484 | 613 | 288 | 150 B | 95.8 B | 67.7 B | 17 |
| 18 | 63.2 B | 45.4 B | 33.0 B | 34.3 B | 122 B | 1110 | 459 | 648 | 275 | 147 B | 94.8 B | 67.6 B | 18 |
| 19 | 62.8 B | 44.8 B | 33.1 B | 34.4 B | 158 B | 777 | 462 | 604 | 265 | 143 B | 94.0 B | 67.5 B | 19 |
| 20 | 62.2 B | 44.6 B | 33.2 B | 34.5 B | 203 B | 639 | 502 | 562 | 255 | 137 B | 93.2 B | 67.0 B | 20 |
| 21 | 61.8 B | 44.2 B | 33.4 B | 34.6 B | 187 B | 714 | 618 | 539 | 249 | 134 B | 92.2 B | 66.4 B | 21 |
| 22 | 61.2 B | 44.0 B | 33.3 B | 34.7 B | 167 B | 738 | 584 | 526 | 245 | 132 B | 91.2 B | 66.1 B | 22 |
| 23 | 61.0 B | 43.7 B | 33.4 B | 34.8 B | 141 B | 835 | 569 | 499 | 238 | 130 B | 90.0 B | 66.0 B | 23 |
| 24 | 60.8 B | 42.5 B | 33.5 B | 34.9 B | 129 B | 890 | 578 | 489 | 232 A | 128 B | 88.2 B | 66.1 B | 24 |
| 25 | 60.4 B | 42.0 B | 33.7 B | 34.8 B | 131 B | 791 | 560 | 447 | 228 E | 128 B | 86.4 B | 66.2 B | 25 |
| 26 | 60.0 B | 41.8 B | 33.8 B | 34.7 B | 132 B | 650 | 704 | 425 | 223 E | 127 B | 84.8 B | 66.0 B | 26 |
| 27 | 59.4 B | 41.6 B | 33.9 B | 34.6 B | 150 B | 617 | 976 | 392 | 226 E | 126 B | 83.6 B | 65.7 B | 27 |
| 28 | 58.0 B | 41.4 B | 33.9 B | 34.7 B | 307 B | 536 | 708 | 375 | 227 E | 125 B | 82.4 B | 65.0 B | 28 |
| 29 | 56.8 B | 41.2 B | 34.0 B | 34.7 B | 641 B | 433 | 589 | 358 | 243 E | 124 B | 81.0 B | 63.8 B | 29 |
| 30 | 56.2 B | 40.0 B | 34.0 B | 34.8 B | 983 B | 360 | 528 | 337 | 241 E | 122 B | 80.0 B | 63.0 B | 30 |
| 31 | 55.6 B | 40.0 B | 34.0 B | 1230 | 1230 | 526 | 526 | 319 | 223 | 120 B | 80.0 | 62.4 B | 31 |
| TOTAL | 2018.8 | 1363.0 | 1071.4 | 1030.6 | 5460.1 | 21902 | 18879 | 17514 | 8529 | 5196 | 2873.4 | 2178.9 | TOTAL |
| MEAN | 65.1 | 47.0 | 34.6 | 34.4 | 176 | 730 | 609 | 565 | 284 | 168 | 95.8 | 70.3 | MEAN |
| AC-FT | 4000 | 2700 | 2130 | 2040 | 10800 | 43400 | 37400 | 34700 | 16900 | 10300 | 5700 | 4320 | AC-FT |
| MAX | 74.2 | 55 | 40.8 | 34.9 | 1230 | 1780 | 1030 | 1010 | 350 | 252 | 118 | 79.6 | MAX |
| MIN | 55.6 | 41.2 | 32.8 | 33.9 | 34.9 | 236 | 327 | 319 | 223 | 120 | 80.0 | 62.4 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 240 CFS
TOTAL DISCHARGE, 174000 AC-FT
MAXIMUM DAILY DISCHARGE, 1780 CFS ON JUN 14
MINIMUM DAILY DISCHARGE, 32.8 CFS ON MAR 16
MAXIMUM INSTANTANEOUS DISCHARGE
1930 CFS AT 0921 YET ON JUN 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 60 08 05 N
LONG 134 53 45 W
DRAINAGE AREA 337 SQ MILES

A-MANUAL GAUGE
B-ICE CONDITIONS
E-ESTIMATED

NATURAL FLOW

YUKON TERRITORY

YUKON RIVER ABOVE FRANK CREEK - STATION NO. 09AB009

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|--------|--------|-------|
| 1 | 5030 B | 4860 B | 4800 B | 5120 B | 4980 E | 7900 E | 16400 | 21600 | 24300 | 19700 | 9600 E | 6800 B | 1 |
| 2 | 5010 B | 4860 B | 4800 B | 5120 B | 4970 E | 8440 A | 16600 | 21700 | 24200 | 19600 | 9400 E | 6750 B | 2 |
| 3 | 5000 B | 4860 B | 4800 B | 5110 B | 4970 E | 8660 | 16700 | 21800 | 24100 | 19200 | 9000 E | 6700 B | 3 |
| 4 | 4990 E | 4860 B | 4800 B | 5110 B | 4960 E | 8860 | 16800 | 22000 | 24100 | 18900 | 8800 E | 6600 B | 4 |
| 5 | 4990 E | 4850 B | 4800 B | 5100 B | 4960 E | 8970 | 16900 | 22100 | 24000 | 18700 | 8600 E | 6550 B | 5 |
| 6 | 4980 B | 4850 B | 4800 B | 5100 B | 4950 E | 9080 | 17000 | 22200 | 24000 | 18400 | 8500 E | 6500 B | 6 |
| 7 | 4980 B | 4850 B | 4800 B | 5090 B | 4950 E | 9210 | 17100 | 22100 | 23900 | 17900 | 8450 E | 6450 B | 7 |
| 8 | 4970 B | 4850 B | 4800 B | 5090 B | 4940 E | 9210 | 17200 | 22100 | 23800 | 17500 | 8400 E | 6400 B | 8 |
| 9 | 4970 B | 4840 B | 4800 B | 5080 B | 4940 E | 9000 | 17500 | 22200 | 23600 | 17200 | 8350 E | 6350 B | 9 |
| 10 | 4960 B | 4840 B | 4800 B | 5080 B | 4930 E | 8960 | 17700 | 22400 | 23600 | 16900 | 8300 E | 6300 B | 10 |
| 11 | 4960 B | 4840 B | 4800 B | 5070 B | 4950 E | 8870 | 17900 | 22600 | 23500 | 16600 | 8100 E | 6250 B | 11 |
| 12 | 4950 B | 4840 B | 4800 B | 5070 B | 4980 E | 9100 | 18100 | 22800 | 23400 | 16200 | 8050 E | 6200 B | 12 |
| 13 | 4950 B | 4830 B | 4800 B | 5060 B | 5020 E | 9340 | 18400 | 23100 | 23400 | 15900 | 8050 E | 6170 B | 13 |
| 14 | 4940 B | 4830 B | 4820 B | 5060 B | 5060 E | 9670 | 18700 | 23300 | 23200 | 15600 | 8050 E | 6140 B | 14 |
| 15 | 4940 B | 4830 B | 4850 B | 5050 B | 5110 E | 10100 | 18900 | 23400 | 23100 | 15300 | 8100 E | 6120 B | 15 |
| 16 | 4930 B | 4830 B | 4900 B | 5050 B | 5180 E | 10600 | 19100 | 23500 | 22900 | 15100 | 8150 E | 6100 B | 16 |
| 17 | 4930 B | 4820 B | 4950 B | 5040 B | 5260 E | 11100 | 19400 | 23500 | 22600 | 14700 | 8200 E | 6070 B | 17 |
| 18 | 4920 B | 4820 B | 4990 B | 5040 B | 5340 E | 11600 | 19500 | 23600 | 22500 | 14400 | 8250 E | 6040 B | 18 |
| 19 | 4920 B | 4820 B | 5010 B | 5030 B | 5420 E | 12000 | 19700 | 23700 | 22300 | 14000 | 8300 E | 6020 B | 19 |
| 20 | 4910 B | 4820 B | 5060 B | 5030 B | 5500 E | 12400 | 19800 | 23900 | 22100 | 13800 A | 8300 E | 6000 B | 20 |
| 21 | 4910 B | 4810 B | 5150 B | 5020 B | 5610 E | 12800 | 19900 | 23900 | 21800 | 13400 E | 8250 E | 6000 B | 21 |
| 22 | 4900 B | 4810 B | 5180 B | 5020 B | 5730 E | 13200 | 19900 | 24000 | 21600 | 13000 E | 8200 E | 5990 B | 22 |
| 23 | 4900 B | 4810 B | 5170 B | 5010 B | 5850 E | 13700 | 20100 | 24100 | 21400 | 12800 E | 8100 B | 5990 B | 23 |
| 24 | 4890 B | 4810 B | 5160 B | 5010 B | 5990 E | 14000 | 20200 | 24100 | 21300 | 12500 E | 8000 B | 5980 B | 24 |
| 25 | 4890 B | 4800 B | 5150 B | 5000 B | 6150 E | 14400 | 20400 | 24100 | 21000 | 12100 E | 7800 B | 5980 B | 25 |
| 26 | 4880 B | 4800 B | 5140 B | 5000 E | 6330 E | 14800 | 20700 | 24200 | 20800 | 11900 E | 7600 B | 5970 B | 26 |
| 27 | 4880 B | 4800 B | 5140 B | 4990 A | 6540 E | 15200 | 20900 | 24400 | 20500 | 11700 E | 7450 B | 5970 B | 27 |
| 28 | 4880 B | 4800 B | 5130 B | 4990 A | 6780 E | 15600 | 21000 | 24300 | 20300 | 11100 E | 7300 B | 5960 B | 28 |
| 29 | 4870 B | 4800 B | 5130 B | 4990 E | 7040 E | 15900 | 21200 | 24300 | 20200 | 10800 E | 7000 B | 5960 B | 29 |
| 30 | 4870 B | | 5120 B | 4980 E | 7300 E | 16200 | 21400 | 24400 | 20100 | 10500 E | 6900 B | 5950 B | 30 |
| 31 | 4870 B | | 5120 B | | 7570 E | | 21500 | 24400 | | 10100 E | | 5950 B | 31 |
| TOTAL | 152970 | 140040 | 153570 | 151510 | 172260 | 338870 | 586600 | 719800 | 677600 | 465500 | 245550 | 192210 | TOTAL |
| MEAN | 4930 | 4830 | 4950 | 5050 | 5560 | 11300 | 18900 | 23200 | 22600 | 15000 | 8190 | 6200 | MEAN |
| AC-FT | 303000 | 278000 | 305000 | 301000 | 342000 | 672000 | 1160000 | 1430000 | 1340000 | 923000 | 487000 | 381000 | AC-FT |
| MAX | 5030 | 4860 | 5180 | 5120 | 7570 | 16200 | 21500 | 24400 | 24300 | 19700 | 9600 | 6800 | MAX |
| MIN | 4870 | 4800 | 4800 | 4980 | 4930 | 7900 | 16400 | 21600 | 20100 | 10100 | 6900 | 5950 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 10900 CFS
 TOTAL DISCHARGE, 7920000 AC-FT
 MAXIMUM DAILY DISCHARGE, 24400 CFS ON AUG 27
 MINIMUM DAILY DISCHARGE, 4800 CFS ON FEB 25
 MAXIMUM INSTANTANEOUS DISCHARGE
 24500 CFS AT 1613 YET ON AUG 30

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 61 33 10 N
 LONG 135 06 50 W
 DRAINAGE AREA 12000 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 REGULATED SINCE 1969

YUKON RIVER ABOVE WHITE RIVER - STATION NO. 09CD001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|---------|---------|---------|---------|----------|----------|---------|---------|---------|---------|---------|---------|-------|
| 1 | 14000 B | 13000 B | 11700 B | 10100 B | 11600 B | 195000 E | 164000 | 87300 | 59600 | 46600 E | 26900 B | 12800 B | 1 |
| 2 | 13900 B | 13000 B | 11500 B | 10100 B | 11800 B | 216000 E | 166000 | 88600 | 59200 | 46300 E | 26200 B | 12700 B | 2 |
| 3 | 13800 B | 12900 B | 11300 B | 10000 B | 12000 B | 231000 E | 162000 | 88400 | 58500 | 46000 E | 25400 B | 12600 B | 3 |
| 4 | 13700 B | 12800 B | 11100 B | 10000 B | 12300 B | 224000 E | 164000 | 88700 | 57800 | 45300 E | 24800 B | 12500 B | 4 |
| 5 | 13600 B | 12700 B | 11000 B | 10000 B | 12700 B | 207000 E | 135000 | 84200 | 57200 | 44600 E | 23900 B | 12500 B | 5 |
| 6 | 13500 B | 12400 B | 10900 B | 9980 B | 13100 B | 193000 E | 125000 | 82400 | 56600 | 44000 E | 23000 B | 12500 B | 6 |
| 7 | 13400 B | 12200 B | 10800 B | 9960 B | 13500 B | 167000 E | 118000 | 81900 | 56400 | 43300 E | 22100 B | 12500 B | 7 |
| 8 | 13200 B | 11900 B | 10800 B | 9940 B | 14000 B | 140000 E | 113000 | 81200 | 56300 | 42600 E | 21200 B | 12400 B | 8 |
| 9 | 13000 B | 11900 B | 10700 B | 9930 B | 14500 B | 120000 E | 108000 | 80700 | 56400 | 42000 E | 20300 B | 12400 B | 9 |
| 10 | 12900 B | 12000 B | 10700 B | 9920 B | 15000 B | 126000 E | 104000 | 79000 | 57200 | 41300 E | 19900 B | 12300 B | 10 |
| 11 | 12900 B | 12000 B | 10600 B | 9910 B | 15600 B | 134000 E | 101000 | 79300 | 57300 | 40600 E | 19200 B | 12300 B | 11 |
| 12 | 12800 B | 12100 B | 10600 B | 9900 B | 16300 B | 135000 A | 97300 | 80300 | 57500 | 40000 E | 18700 B | 12200 B | 12 |
| 13 | 12800 B | 12300 B | 10700 B | 9890 B | 17100 B | 142000 E | 94300 | 78900 | 57600 | 39500 E | 18100 B | 12200 B | 13 |
| 14 | 12900 B | 12500 B | 10800 B | 9930 B | 18000 B | 156000 E | 91100 | 77700 | 57700 | 39000 E | 17600 B | 12100 B | 14 |
| 15 | 12900 B | 12500 B | 10800 B | 9970 B | 19000 B | 165000 E | 88600 | 75800 | 57800 | 38500 E | 17000 B | 12100 B | 15 |
| 16 | 12800 B | 12300 B | 10800 B | 10000 B | 20500 B | 166000 E | 86000 | 74000 | 57400 | 38000 E | 16800 B | 12100 B | 16 |
| 17 | 12800 B | 12100 B | 10800 B | 10000 B | 22100 B | 167000 E | 83100 | 74200 | 57400 | 37000 E | 16500 B | 12100 B | 17 |
| 18 | 12800 B | 11900 B | 10900 B | 10100 B | 24500 B | 166000 E | 80400 | 75600 | 57400 | 36500 E | 16200 B | 12000 B | 18 |
| 19 | 12800 B | 11800 B | 11000 B | 10100 B | 28000 E | 154000 E | 78500 | 73200 | 57400 | 36000 E | 16000 B | 12000 B | 19 |
| 20 | 12900 B | 11800 B | 11100 B | 10200 B | 31000 E | 145000 E | 76800 | 71100 | 57300 | 35500 E | 15800 B | 12000 B | 20 |
| 21 | 12900 B | 11800 B | 11100 B | 10300 B | 36000 E | 135000 A | 75500 | 69200 | 56600 | 35000 E | 15500 B | 12000 B | 21 |
| 22 | 12900 B | 11800 B | 11100 B | 10400 B | 46000 E | 130000 | 74300 | 68100 | 55600 | 34000 E | 15200 B | 12000 B | 22 |
| 23 | 12900 B | 11900 B | 11000 B | 10600 B | 68000 E | 127000 | 72800 | 67200 | 54400 | 33500 E | 15000 B | 12000 B | 23 |
| 24 | 13000 B | 11900 B | 10900 B | 10700 B | 80000 E | 126000 | 72100 | 65600 | 53300 | 33000 E | 14800 B | 12000 B | 24 |
| 25 | 13000 B | 11900 B | 10800 B | 10800 B | 91000 E | 131000 | 74900 | 63900 | 52200 | 32200 E | 14600 B | 12000 B | 25 |
| 26 | 13000 B | 12000 B | 10700 B | 10900 B | 96000 E | 126000 | 80900 | 62900 | 51300 | 31600 E | 14100 B | 12100 B | 26 |
| 27 | 13000 B | 11900 B | 10600 B | 11000 B | 96000 E | 122000 | 85900 | 62300 | 50400 | 30800 E | 13800 B | 12100 B | 27 |
| 28 | 13000 B | 11900 B | 10500 B | 11100 B | 100000 E | 125000 | 86700 | 61600 | 49200 A | 29800 E | 13500 B | 12100 B | 28 |
| 29 | 13000 B | 11800 B | 10400 B | 11200 B | 117000 E | 137000 | 85000 | 61000 | 48100 E | 28900 E | 13200 B | 12200 B | 29 |
| 30 | 13000 B | | 10300 B | 11400 B | 146000 E | 153000 | 85100 | 60900 | 47100 E | 28200 B | 12900 B | 12200 B | 30 |
| 31 | 13000 B | | 10200 B | | 169000 E | | 85200 | 60000 | | 27900 B | | 12200 B | 31 |
| TOTAL | 406100 | 353000 | 336200 | 308330 | 3387600 | 4661000 | 3104500 | 2302800 | 1668200 | 1167500 | 548200 | 379200 | TOTAL |
| MEAN | 13100 | 12200 | 10800 | 10300 | 44800 | 155000 | 100000 | 74300 | 55600 | 37700 | 18300 | 12200 | MEAN |
| AC-FT | 805000 | 700000 | 667000 | 612000 | 2750000 | 9250000 | 6160000 | 4570000 | 3310000 | 2320000 | 1090000 | 752000 | AC-FT |
| MAX | 14000 | 13000 | 11700 | 11400 | 169000 | 231000 | 166000 | 88600 | 59600 | 46600 | 26900 | 12800 | MAX |
| MIN | 12800 | 11800 | 10200 | 9890 | 11600 | 120000 | 72100 | 60000 | 47100 | 27900 | 12900 | 12000 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 45400 CFS
 TOTAL DISCHARGE, 33000000 AC-FT
 MAXIMUM DAILY DISCHARGE, 231000 CFS ON JUN 3
 MINIMUM DAILY DISCHARGE, 9890 CFS ON APR 13

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 63 08 59 N
 LONG 139 33 10 W
 DRAINAGE AREA 58400 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 E-ESTIMATED
 REGULATED SINCE 1969

YUKON TERRITORY

YUKON RIVER AT CARMACKS - STATION NO. 09AH001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|--------|-------|
| 1 | 9800 B | 9800 B | 9200 B | 8360 B | 9200 B | 67200 | 79600 | 51000 | 43700 | 35700 | 22200 B | 9600 B | 1 |
| 2 | 9750 B | 9750 B | 9100 B | 8320 B | 9400 B | 65700 | 77800 | 50400 | 43200 | 35600 | 21200 B | 9500 B | 2 |
| 3 | 9700 B | 9700 B | 9000 B | 8280 B | 9600 B | 61900 | 76400 | 49600 | 42600 | 35400 | 20500 B | 9450 B | 3 |
| 4 | 9650 B | 9650 B | 8900 B | 8240 B | 9850 B | 60300 | 74400 | 49100 | 42300 | 35300 | 19500 B | 9400 B | 4 |
| 5 | 9600 B | 9600 B | 8800 B | 8200 B | 10100 B | 61100 | 72500 | 48900 | 42100 | 34700 | 18200 B | 9400 B | 5 |
| 6 | 9550 B | 9400 B | 8740 B | 8180 B | 10400 B | 62700 | 70500 | 49500 | 41700 | 34800 | 17200 B | 9400 B | 6 |
| 7 | 9500 B | 9200 B | 8680 B | 8160 B | 10700 B | 64100 | 68400 | 49800 | 41500 | 34700 | 16600 B | 9400 B | 7 |
| 8 | 9450 B | 9000 B | 8620 B | 8140 B | 11000 B | 65100 | 66700 | 49300 | 41400 | 34000 | 15900 B | 9400 B | 8 |
| 9 | 9400 B | 9000 B | 8560 B | 8120 B | 11300 B | 66800 | 65800 | 49000 | 41200 | 32900 | 15100 B | 9400 B | 9 |
| 10 | 9350 B | 9000 B | 8500 B | 8100 B | 11700 B | 68600 | 64600 | 49200 | 41000 | 31700 | 14800 B | 9400 B | 10 |
| 11 | 9350 B | 9100 B | 8500 B | 8080 B | 12100 B | 75400 | 63200 | 48900 | 41000 | 31600 | 14000 B | 9350 B | 11 |
| 12 | 9350 B | 9150 B | 8450 B | 8060 B | 12500 B | 73800 | 62500 | 48500 | 41500 | 32000 | 13400 B | 9250 B | 12 |
| 13 | 9350 B | 9200 B | 8450 B | 8040 B | 12900 B | 77600 | 60900 | 48400 | 41500 | 31900 | 13000 B | 9200 B | 13 |
| 14 | 9350 B | 9250 B | 8500 B | 8020 B | 13600 B | 82600 | 59600 | 48200 | 41500 | 31100 | 12900 B | 9150 B | 14 |
| 15 | 9350 B | 9300 B | 8500 B | 8000 B | 14400 B | 80800 | 58500 | 48100 | 41400 | 30600 | 12800 B | 9050 B | 15 |
| 16 | 9350 B | 9320 B | 8540 B | 8000 B | 15200 B | 79700 | 57100 | 48100 | 41700 | 30000 | 12500 B | 9000 B | 16 |
| 17 | 9350 B | 9340 B | 8580 B | 8000 B | 16100 B | 79000 | 56000 | 47900 | 41900 | 29500 | 12300 B | 9000 B | 17 |
| 18 | 9400 B | 9360 B | 8620 B | 8000 B | 17000 B | 79700 | 55300 | 47500 | 41400 | 29300 | 12200 B | 9000 B | 18 |
| 19 | 9400 B | 9380 B | 8660 B | 7990 B | 18000 B | 79700 | 54400 | 47000 | 40800 | 28800 | 12100 B | 9000 B | 19 |
| 20 | 9400 B | 9400 B | 8700 B | 7990 B | 19800 B | 81700 | 53200 | 46600 | 40500 | 28100 | 12000 B | 9000 B | 20 |
| 21 | 9400 B | 9400 B | 8750 B | 7980 B | 23500 B | 82300 | 52300 | 46300 | 39900 | 27300 | 11900 B | 9000 B | 21 |
| 22 | 9450 B | 9400 B | 8800 B | 7980 B | 26500 B | 82600 | 51700 | 46100 | 39200 | 26900 | 11800 B | 9000 B | 22 |
| 23 | 9500 B | 9400 B | 8780 B | 7980 B | 26800 B | 83300 | 51400 | 45800 | 38800 | 26300 | 11600 B | 9000 B | 23 |
| 24 | 9550 B | 9400 B | 8760 B | 8100 B | 25200 B | 83800 | 51000 | 45500 | 38100 | 26300 | 11200 B | 9050 B | 24 |
| 25 | 9600 B | 9400 B | 8740 B | 8200 B | 24600 B | 84500 | 50400 | 45400 | 37500 | 26300 | 10800 B | 9050 B | 25 |
| 26 | 9650 B | 9380 B | 8680 B | 8300 B | 25600 B | 85000 | 50200 | 45300 | 37200 | 25800 | 10400 B | 9100 B | 26 |
| 27 | 9700 B | 9350 B | 8620 B | 8400 B | 28100 B | 85000 | 50400 | 45100 | 36700 | 24900 | 10200 B | 9150 B | 27 |
| 28 | 9750 B | 9330 B | 8560 B | 8600 B | 34900 B | 84500 | 51200 | 45100 | 36300 | 24500 | 10000 B | 9200 B | 28 |
| 29 | 9750 B | 9300 B | 8500 B | 8800 B | 46300 B | 83300 | 50700 | 44700 | 35800 | 24000 | 9900 B | 9250 B | 29 |
| 30 | 9800 B | | 8450 B | 9000 B | 54400 B | 81200 | 50700 | 44300 | 35700 | 23100 | 9800 B | 9300 B | 30 |
| 31 | 9800 B | | 8400 B | | 61400 B | | 51300 | 44000 | | 22900 | | 9350 B | 31 |
| TOTAL | 295350 | 271260 | 268640 | 245620 | 632150 | 2269000 | 1858600 | 1472600 | 1209100 | 925800 | 416000 | 285800 | TOTAL |
| MEAN | 9530 | 9350 | 8670 | 8190 | 20400 | 75600 | 60000 | 47500 | 40300 | 29900 | 13900 | 9220 | MEAN |
| AC-FT | 586000 | 538000 | 533000 | 487000 | 1250000 | 4500000 | 3690000 | 2920000 | 2400000 | 1840000 | 825000 | 567000 | AC-FT |
| MAX | 9800 | 9800 | 9200 | 9000 | 61400 | 85000 | 79600 | 51000 | 43700 | 35700 | 22200 | 9600 | MAX |
| MIN | 9350 | 9000 | 8400 | 7980 | 9200 | 60300 | 50200 | 44000 | 35700 | 22900 | 9800 | 9000 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 27700 CFS
 TOTAL DISCHARGE, 20100000 AC-FT
 MAXIMUM DAILY DISCHARGE, 85000 CFS ON JUN 26
 MINIMUM DAILY DISCHARGE, 7980 CFS ON APR 21
 MAXIMUM INSTANTANEOUS DISCHARGE
 85500 CFS AT 1042 YET ON JUN 26

TYPE OF GAUGE - RECORDING
 LOCATION - LAT 62 05 45 N
 LONG 136 16 18 W
 DRAINAGE AREA 33600 SQ MILES

B-ICE CONDITIONS
 REGULATED SINCE 1969

YUKON RIVER AT DAWSON - STATION NO. 09EB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|---------|---------|---------|---------|----------|----------|----------|---------|---------|---------|---------|---------|-------|
| 1 | 15100 B | 15800 B | 15200 B | 13700 B | 15000 B | 376000 | 350000 | 155000 | 110000 | 75600 | 33000 B | 19000 B | 1 |
| 2 | 15000 B | 15900 B | 15100 B | 13600 B | 15300 B | 407000 | 354000 | 159000 | 107000 | 75300 | 32100 B | 18900 B | 2 |
| 3 | 14900 B | 15800 B | 14900 B | 13500 B | 15700 B | 426000 | 313000 | 158000 | 106000 | 75100 | 31200 B | 18800 B | 3 |
| 4 | 14800 B | 15700 B | 14700 B | 13400 B | 16100 B | 415000 | 283000 | 156000 | 105000 | 73400 | 30500 B | 18800 B | 4 |
| 5 | 14800 B | 15200 B | 14400 B | 13300 B | 16500 B | 384000 | 250000 | 153000 | 106000 | 71600 | 30000 B | 18600 B | 5 |
| 6 | 14700 B | 15000 B | 14200 B | 13300 B | 17000 B | 358000 | 226000 | 150000 | 106000 | 71800 | 29000 B | 18300 B | 6 |
| 7 | 14600 B | 14900 B | 14000 B | 13300 B | 17500 B | 309000 | 209000 | 149000 | 109000 | 70000 | 28000 B | 18200 B | 7 |
| 8 | 14500 B | 14800 B | 13900 B | 13300 B | 18100 B | 261000 | 196000 | 147000 | 113000 | 68600 | 27000 B | 18100 B | 8 |
| 9 | 14400 B | 14800 B | 13900 B | 13300 B | 19100 B | 223000 | 189000 | 145000 | 112000 | 67000 | 26100 B | 18100 B | 9 |
| 10 | 14300 B | 14800 B | 13800 B | 13300 B | 20100 B | 238000 | 180000 | 144000 | 112000 | 66500 | 25100 B | 18000 B | 10 |
| 11 | 14200 B | 14900 B | 13800 B | 13200 B | 21100 B | 252000 | 178000 | 148000 | 111000 | 64900 | 24900 B | 18000 B | 11 |
| 12 | 14300 B | 15100 B | 13800 B | 13200 B | 22500 B | 252000 | 174000 | 147000 | 110000 | 62700 | 24500 B | 17900 B | 12 |
| 13 | 14300 B | 15500 B | 13900 B | 13200 B | 24000 B | 269000 | 167000 | 146000 | 112000 | 62400 | 24000 B | 17900 B | 13 |
| 14 | 14300 B | 15800 B | 13900 B | 13200 B | 27500 B | 294000 | 158000 | 145000 | 115000 | 62000 | 23600 B | 17900 B | 14 |
| 15 | 14400 B | 15800 B | 14000 B | 13200 B | 31000 B | 305000 | 174000 | 138000 | 111000 | 58200 | 23100 B | 17900 B | 15 |
| 16 | 14400 B | 15800 B | 14100 B | 13200 B | 37000 B | 309000 | 161000 | 137000 | 110000 | 56000 | 22900 B | 17900 B | 16 |
| 17 | 14400 B | 15700 B | 14300 B | 13300 B | 48000 B | 310000 | 151000 | 140000 | 112000 | 55500 | 22500 B | 17800 B | 17 |
| 18 | 14500 B | 15600 B | 14500 B | 13300 B | 78000 B | 304000 | 146000 | 145000 | 113000 | 54900 | 22100 B | 17800 B | 18 |
| 19 | 14600 B | 15400 B | 14600 B | 13400 B | 124000 B | 280000 | 142000 | 148000 | 112000 | 52200 | 21900 B | 17800 B | 19 |
| 20 | 14800 B | 15200 B | 14700 B | 13400 B | 138000 B | 259000 | 139000 | 146000 | 108000 | 50500 | 21500 B | 17800 B | 20 |
| 21 | 14900 B | 15000 B | 14700 B | 13400 B | 150000 B | 237000 | 137000 | 140000 | 104000 | 47500 | 21200 B | 17700 B | 21 |
| 22 | 14900 B | 15100 B | 14700 B | 13400 B | 158000 B | 223000 | 136000 | 140000 | 97800 | 46000 B | 21000 B | 17500 B | 22 |
| 23 | 15000 B | 15200 B | 14700 B | 13500 B | 163000 B | 215000 | 135000 | 139000 | 96400 | 44000 B | 20800 B | 17400 B | 23 |
| 24 | 15100 B | 15300 B | 14600 B | 13600 B | 170000 B | 200000 | 133000 | 138000 | 91900 | 42500 B | 20200 B | 17300 B | 24 |
| 25 | 15100 B | 15500 B | 14500 B | 13700 B | 186000 B | 216000 | 131000 | 133000 | 89200 | 40500 B | 20100 B | 17300 B | 25 |
| 26 | 15200 B | 15700 B | 14300 B | 13800 B | 189000 B | 222000 | 139000 | 124000 | 85100 | 39000 B | 20000 B | 17200 B | 26 |
| 27 | 15300 B | 15600 B | 14200 B | 13900 B | 189000 B | 210000 | 145000 | 117000 | 82600 | 37500 B | 19800 B | 17200 B | 27 |
| 28 | 15400 B | 15500 B | 14100 B | 14000 B | 198000 B | 208000 | 151000 | 113000 | 80200 | 36200 B | 19500 B | 17200 B | 28 |
| 29 | 15500 B | 15400 B | 14000 B | 14300 B | 225000 B | 240000 | 146000 | 111000 | 78200 | 35300 B | 19200 B | 17200 B | 29 |
| 30 | 15600 B | | 13900 B | 14700 B | 280000 B | 297000 | 148000 | 113000 | 76900 | 34800 B | 19100 B | 17200 B | 30 |
| 31 | 15700 B | | 13800 B | | 325000 B | | 150000 | 110000 | | 34000 B | | 17200 B | 31 |
| TOTAL | 459000 | 445800 | 443200 | 404900 | 2961500 | 8511000 | 5691000 | 4331000 | 3082300 | 1727900 | 723900 | 553900 | TOTAL |
| MEAN | 14800 | 15400 | 14300 | 13500 | 95500 | 284000 | 184000 | 140000 | 103000 | 55700 | 24100 | 17900 | MEAN |
| AC-FT | 910000 | 884000 | 879000 | 803000 | 5870000 | 16900000 | 11300000 | 8590000 | 6110000 | 3430000 | 1440000 | 1100000 | AC-FT |
| MAX | 15700 | 15900 | 15200 | 14700 | 325000 | 426000 | 354000 | 159000 | 115000 | 76500 | 33000 | 19000 | MAX |
| MIN | 14200 | 14800 | 13800 | 13200 | 15000 | 208000 | 131000 | 110000 | 76900 | 34000 | 19100 | 17200 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 80200 CFS
 TOTAL DISCHARGE, 58200000 AC-FT
 MAXIMUM DAILY DISCHARGE, 426000 CFS ON JUN 3
 MINIMUM DAILY DISCHARGE, 13200 CFS ON APR 11

TYPE OF GAUGE - MANUAL
 LOCATION - LAT 64 04 20 N
 LONG 139 25 21 W
 DRAINAGE AREA 106000 SQ MILES

B-ICE CONDITIONS
 REGULATED SINCE 1969

YUKON TERRITORY

YUKON RIVER AT WHITEHORSE - STATION NO. 09AB001

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | DAY |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--------|--------|--------|-------|
| 1 | 4460 B | 4340 B | 4300 B | 4000 B | 4080 B | 6130 | 11800 | 16100 | 18600 | 14500 | 6420 B | 4910 B | 1 |
| 2 | 4360 B | 4300 B | 4150 B | 4040 B | 3980 B | 6340 | 11800 | 16000 | 18700 | 14500 | 6240 B | 4990 B | 2 |
| 3 | 4400 B | 4200 B | 4250 B | 4010 B | 3950 B | 6420 | 12000 | 16200 | 18500 | 14300 | 6420 B | 4810 B | 3 |
| 4 | 4360 B | 4320 B | 4130 B | 3890 B | 3960 B | 6330 | 11800 | 16100 | 18400 | 13500 | 6270 B | 4740 B | 4 |
| 5 | 4300 B | 4390 B | 4190 B | 4040 B | 3980 A | 6670 | 12000 | 16400 | 18400 | 13500 | 6200 B | 4790 B | 5 |
| 6 | 4240 B | 4390 B | 3950 B | 4100 B | 3660 | 6580 | 12100 | 16500 | 18700 | 13000 | 6240 B | 4810 B | 6 |
| 7 | 4420 B | 4240 B | 3950 B | 4150 B | 3410 | 4580 | 12300 | 16600 | 18500 | 12300 | 6410 B | 4740 B | 7 |
| 8 | 4310 B | 4290 B | 3980 B | 4030 B | 3770 | 2880 | 12700 | 16700 | 18400 | 12000 | 6210 B | 4730 B | 8 |
| 9 | 4180 B | 4210 B | 4020 B | 4430 B | 3440 | 2910 A | 13000 | 16800 | 18200 | 12000 | 5950 B | 4580 B | 9 |
| 10 | 4210 B | 4260 B | 3930 B | 4140 B | 3940 | 3030 | 13300 | 17000 | 18300 | 12000 | 5970 B | 4490 B | 10 |
| 11 | 4290 B | 4330 B | 3980 B | 4050 B | 3840 | 7450 | 13300 | 17300 | 18100 | 10700 | 5980 B | 4540 B | 11 |
| 12 | 4290 B | 4270 B | 3930 B | 3970 B | 3960 | 7810 | 13400 | 17500 | 18100 | 10400 | 7020 B | 4500 B | 12 |
| 13 | 4300 B | 4260 B | 3940 B | 4050 B | 4050 | 7890 | 13900 | 17700 | 18200 | 9980 | 7460 B | 4510 B | 13 |
| 14 | 4200 B | 4230 B | 3970 B | 4060 B | 3620 A | 8090 | 14100 | 17800 | 18100 | 9290 | 7500 B | 4420 B | 14 |
| 15 | 4270 B | 4150 B | 4000 B | 3930 B | 4130 | 9040 A | 14200 | 17800 | 17700 | 9560 | 6970 B | 4390 B | 15 |
| 16 | 4080 B | 4200 B | 4130 B | 3910 B | 4040 | 9530 | 14400 | 17800 | 17400 | 9410 | 6860 B | 4560 B | 16 |
| 17 | 4170 B | 4200 B | 4220 B | 4020 B | 4340 A | 9730 | 14400 | 17800 | 17200 | 9450 | 6900 B | 4670 B | 17 |
| 18 | 4130 B | 4040 B | 4060 B | 4020 B | 4020 | 10200 | 14400 | 17900 | 17000 | 10100 | 6810 B | 4530 B | 18 |
| 19 | 4100 B | 4200 B | 4210 B | 3890 B | 4030 | 9960 | 14500 | 18200 | 17000 | 8810 | 6600 B | 4550 B | 19 |
| 20 | 4080 B | 4230 B | 4230 B | 4180 B | 3730 | 10300 | 14400 | 18200 | 16600 | 8730 | 6560 B | 4560 B | 20 |
| 21 | 4400 B | 4250 B | 4380 B | 4220 B | 3590 | 10900 | 14100 | 18500 | 16000 | 8640 | 6780 B | 4480 B | 21 |
| 22 | 4220 B | 4240 B | 4240 B | 4080 B | 3980 | 11100 | 14200 | 18500 | 16000 | 8490 | 6720 B | 4400 B | 22 |
| 23 | 4360 B | 4250 B | 4210 B | 4120 B | 4100 | 11200 | 14700 | 18500 | 16100 | 8640 | 6860 B | 4450 B | 23 |
| 24 | 4320 B | 4200 B | 4320 B | 4170 B | 4020 | 11500 | 14900 | 18600 | 15900 | 8500 | 6650 B | 4540 B | 24 |
| 25 | 4310 B | 4000 B | 4230 B | 4280 B | 4190 | 11600 | 15300 | 18900 | 15600 | 8170 | 5670 B | 4410 B | 25 |
| 26 | 4250 B | 4170 B | 4260 B | 4140 B | 4210 | 11900 | 15500 | 18900 | 15400 | 7900 | 4820 B | 4520 B | 26 |
| 27 | 4370 B | 4140 B | 4270 B | 4100 B | 4410 | 12100 | 15900 | 18800 | 15100 | 7590 | 5030 B | 4650 B | 27 |
| 28 | 4110 B | 3890 B | 4320 B | 4140 B | 4950 | 12300 | 16100 | 18700 | 15200 | 6460 | 4920 B | 4420 B | 28 |
| 29 | 4330 B | 4230 B | 4230 B | 4100 B | 4880 | 12300 | 16100 | 18900 | 15000 | 6570 | 5140 B | 4560 B | 29 |
| 30 | 4410 B | | 4230 B | 4560 B | 5490 | 12400 | 16000 | 18700 | 14500 | 6580 | 5040 B | 4460 B | 30 |
| 31 | 4430 B | | 4170 B | | 5810 | | 16300 | 18700 | | 6400 | | 4570 B | 31 |
| TOTAL | 132660 | 122420 | 128380 | 122820 | 127560 | 259170 | 432900 | 548100 | 514900 | 311970 | 188620 | 142280 | TOTAL |
| MEAN | 4280 | 4220 | 4140 | 4090 | 4110 | 8640 | 14000 | 17700 | 17200 | 10100 | 6290 | 4590 | MEAN |
| AC-FT | 263000 | 243000 | 255000 | 240000 | 253000 | 514000 | 859000 | 1090000 | 1020000 | 619000 | 374000 | 282000 | AC-FT |
| MAX | 4460 | 4390 | 4380 | 4560 | 5810 | 12400 | 16300 | 18900 | 18700 | 14500 | 7500 | 4990 | MAX |
| MIN | 4080 | 3890 | 3930 | 3890 | 3410 | 2880 | 11800 | 16000 | 14500 | 6400 | 4820 | 4390 | MIN |

SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 8280 CFS
 TOTAL DISCHARGE, 6020000 AC-FT
 MAXIMUM DAILY DISCHARGE, 18900 CFS ON AUG 25
 MINIMUM DAILY DISCHARGE, 2880 CFS ON JUN 8
 MAXIMUM INSTANTANEOUS DISCHARGE
 21000 CFS AT 1648 YET ON AUG 24

TYPE OF GAUGE - POWER PLANT
 LOCATION - LAT 60 42 50 N
 LONG 135 02 35 W
 DRAINAGE AREA 7500 SQ MILES

A-MANUAL GAUGE
 B-ICE CONDITIONS
 REGULATED SINCE 1969

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| BACK RIVER BELOW DEEP ROSE LAKE | 10RC001 | 2 |
| BAKER CREEK MAIN STEM | 07SB009 | 3 |
| BAKER LAKE AT BAKER LAKE | 06MA001 | 3 |
| BUFFALO RIVER AT HIGHWAY NO. 5 | 07PA001 | 4 |
| CAMSELL RIVER AT OUTLET OF CLUT LAKE | 10JA002 | 4 |
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