Inventory of Streamflow in the Omineca and Northeast Regions

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Cover photo: Courtesy of Water Survey of Canada; flow measurement under ice cover at WSC gauge 07EE007, Parsnip River above Misinchinka River near Kennedy, B.C.

Disclaimer

The information and analyses contained herein are presented as is, with no interpretation. Prediction of streamflow in ungauged basins is challenging, and professional judgment is required when interpreting the values presented herein. In many cases, further work will be necessary to provide a reasonable estimate of streamflow in an ungauged basin.

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PREFACE

This report is an updated and revised version of the original report titled “Streamflow in the Omineca-Peace Region, September 2000” by W. Obedkoff, P.Eng., Water Inventory Section, Resources Inventory Branch, Ministry of Environment, Lands and Parks.

The analyses presented in this report include all Water Survey of Canada hydrometric station data up to and including 2011. Normal Annual Runoff for the 1981 to 2010 period has been estimated for selected hydrometric stations within the region which met the analysis criteria. However, no regional analyses have been performed for stream flows due to insufficient hydrometric data resulting from deactivation of several hydrometric stations in the mid 1990’s. Consequently, no regional design curves were developed for this report. Except for the design curves, all other analyses from the previous report are included, including: statistical analysis of peak flows, annual mean flows, and annual and June to September 7-day low flows were completed using the available data. In addition, flow duration analyses were carried out for all hydrometric stations using mean daily discharge. The results of these analyses are presented in tabular and graphical format – grouped by hydrologic zone and for each station.

The Hydrologic Engineering Center Statistical Software Package (HEC-SSP) version 2.0 from the US Army Corp of Engineers was used for all statistical analyses. The Hydrologic Engineering Center Data Storage System (HEC-DSS), also from US Army Corp of Engineers, was used for storing all hydrometric data including results, i.e., tabular and graphical outputs, from the HEC-SSP analyses.

ACKNOWLEDGEMENTS

Brad Sparks (Ministry of Environment (MoE)) completed the watershed delineation update. Rio Tinto Alcan provided operational data for inflows to, and outflows from the Nechako Reservoir. Jaime Cathcart (Knight Piésold Ltd.), Chelton van Geloven (Ministry of Forests, Lands and Natural Resource Operations (FLNRO)), Scott Jackson (Lorax Environmental Services Ltd.), and Heather Johnstone (MoE) provided input and edits to the report.

Jaime Cathcart conducted a peer review of the report.

1. INTRODUCTION

1.1 Background

Hydrologic investigations require the summary and analysis of available hydrologic data using standard periods, methods and formats, so that the information is consistent and allows direct comparison between sites. The federal government produces streamflow data as daily average flows and instantaneous peak flows, or in observed real time form, with gaps for missing data. Except for Environment Canada's 30-year Climate Normals publications, there is no published source for standard-period summarized hydrologic data. To fulfill this requirement, the Corporate Resource Inventory Initiative (CRII) initiated a project in the 1995-1996 fiscal year. This work culminated in the production of the report, *British Columbia Streamflow Inventory* (BCSI) (Coulson and Obedkoff, 1998), by the Resources Inventory Branch (RIB) in the 1997-1998 fiscal year. That report presented a summary of streamflow data compiled in datasheet, map and graphical forms covering the whole province. This information enables hydrologists and engineers to quickly and easily make preliminary hydrologic estimates for water management purposes and the planning and preliminary design of water resource projects.

A separate project, also funded by CRII and a direct progression of the above work, launched in the 1998-1999 fiscal year. This served to characterize the variability of streamflow parameters in ministry regions, based on the summary data and hydrologic zones defined in the BCSI report. This work, designed on a geographical basis for regional report publication, delineated sub-regional hydrologic zones and produced graphs that enable more accurate estimates, suitable for design streamflows, to be applied to ungauged watersheds. A series of five reports resulted for: the Southern Interior region, in December 1998; the Cariboo region, in September 1999; the Omineca-Peace region, in September 2000; the Skeena region, in June 2001; and the fifth and final 2003 report for the Lower Mainland and Vancouver Island region (see Table 1 for a report list). New subzones were renamed to constitute a new edition of provincial hydrologic zones (see Table 1 for a cross-reference index). These zones are a product of the application of additional hydrologic data and regionalization procedures to those applied in the study of the BCSI report.

1.2 Current Study

This report covers the Omineca and Northeast regions, defined as provincial Natural Resource Operations regions, and presents summary data and datasheets, revised and updated since the 2000 BCSI report (Obedkoff, 2000). The revision includes updated data beyond 2000 and a new 30-year normal period of 1981-2010. The standard discharge data used is published by the Water Survey of Canada (WSC). The datasheets present various hydrologic characteristics that can be used directly in water resource applications and studies. Table 2 lists all BCSI gauged watersheds in the study region with data updated to and including the year 2011, as well as new datasheets for hydrometric stations with records of sufficient length to be incorporated. The new datasheet format includes additional calculations of flow duration analysis for mean daily discharge and standard deviations for all streamflow characteristics.

Table 1: Reports and Hydrologic Zone Index

Streamflow Report		Hydrologic Zones		
Region	Date	1998-02	2003	Name
Southern Interior	Dec. 1998	a	25	Eastern South Coast Mountains
		b	24	Southern Thompson Plateau
		c	23	Okanagan Highland
		d	17	Northern Thompson Plateau
		e	15	Fraser Plateau
		f	14	Northern Columbia Mountains
Cariboo	Sept. 1999	i	16	Southern Quesnel Highland
		j	25	Eastern South Coast Mountains
		k	26	Central South Coast Mountains
Omineca-Peace	Sept. 2000	l	13	Upper Fraser Basin
		m	7	Southern Rocky Mountain Foothills
		n	6	Southern Interior Plains
		o	4	Northern Interior Plains
		p	3	Northern Rocky Mountains
		q	12	McGregor Basin
Skeena	Jun. 2001	m	8	Nechako Plateau
		r	2	Stikine Plateau
		s	1	Northern Coast Mountains
		t	5	Northern Central Uplands
		u	9	Southern Hazelton Mountains
		v	10	Central Coast Mountains
		w	11	Queen Charlotte Islands
Kootenay	Jan. 2002	g	22	Lower Columbia Basin
		h	21	Lower Kootenay Basin
		x	18	Upper Columbia Basin
		y	19	Upper Kootenay Basin
		z	20	Central Kootenay Basin
Lower Mainland &	Apr. 2003		27	Western South Coast Mountains
Vancouver Island			28	Eastern Vancouver Island
			29	Western Vancouver Island

The Omineca-Northeast region incorporates hydrologic **zones 4, 6, 7, 12 and 13** and the contiguous portions of **zones 3**, **5, 8 and 14,** as shown in Figure 1. Updated administrative regions overlaid on the hydrologic zone map are presented in Figure 2. The hydrologic zones in the study area are defined using a physical mapping procedure described in Section 2.

HEC-SSP software was used for frequency distribution estimates as well as for flow duration estimates while the HEC-DSS software was used for data storage and management. Both the HEC-SSP and HEC-DSS software packages, developed by the Hydrologic Engineering Center of US Army Corp of Engineers, are freely available (http://www.hec.usace.army.mil/software/). A brief description of HEC-SSP and examples of HEC-SSP output are provided in Appendix A.

For purposes of comparison, all datasheets are filed according to the hydrologic zone that the station falls within. Electronic versions of these individual datasheets are available from the EcoCat website (http://a100.gov.bc.ca/pub/acat/public/viewReport.do?reportId=48460). This report contains summary data and datasheets that have been revised and updated from the Obedkoff, 2000 report. The electronic versions of all datasheets contain embedded frequency distribution estimates of all streamflow characteristics and results of flow duration analyses showing percent of time exceeded against daily mean flow. The study region datasheets are included in Appendix B.

2. HYDROLOGIC ZONES

The most practical approach for estimating streamflow characteristics at ungauged sites involves the use of regional procedures and techniques based on hydrologic zones. A hydrologic zone is defined as an area where runoff characteristics are homogeneous and where data collected in the region can be reasonably extrapolated to estimate characteristics at ungauged sites to an acceptable degree of accuracy. A hydrologic zone is typically identified on a map on the basis of physiographic features and/or a statistical study of hydrologic data. Due to the scarcity of hydrologic data in an extremely heterogeneous province, this project used the physical mapping procedure, as described in the BCSI report; however, there are instances where a nearest neighbour approach to selecting stations for prediction in ungauged basins may be more appropriate.

Prior to the Ministry regional studies that began in 1998 the physical methods employed in British Columbia for defining homogeneous hydrologic zones have been mostly subjective, with zone boundaries based on professional judgment regarding the variation of mapped hydrologic and physiographic characteristics. However, the procedure developed in these Ministry regional studies is based on a successive series of statistical graphical plots of measured streamflow data and mapped hydrologic characteristics. The first order of zone definition involves the identification of the magnitude of zonal water supply at the longest time span, that of annual runoff. This was done using graphical plots of mean annual runoff and median basin elevation. Successive orders of zone definition are based on reduced time intervals, of low flow and then peak flow. These

were based on graphical plots of seven-day low flow and unit peak flow, respectively, versus drainage area. Such a procedure is objective and is more precise than the hydrologic zone boundaries of earlier hydrologic zone studies. Figure 1 shows the resulting study zone boundaries of the Omineca and Northeast regions and adjacent Natural Resource Operations regions. Figure 2 shows all hydrologic zones, using both past and current regional boundaries for the entire province.

3. REGIONAL STREAMFLOW SUMMARIES

This report covers the Omineca and Northeast regions of Natural Resource Operations regions. Eight hydrologic zones (**zones 4, 6, 7, 12 and 13** and the contiguous portions of **zones 3**, **5, 8, and 14)** are defined in the study area (Figure 1). However, no analyses for zones 5 and 14 are presented in this report. The complete analyses for zone 5 are included in the Skeena report (Ahmed and Jackson, 2013). The complete analyses for zone 14 will be captured in the Thompson-Okanagan report.

The analyses for this report used the 30-year normal period of 1981 to 2010 and, for frequency analyses, all available Environment Canada hydrometric data up to 2011. The 2000 BCSI report considered data from 1965 to 2000 with a 30-year normal period of 1971 to 2000. The current report includes additional calculations of: flow duration, average year flow (average of annual mean flow for full record period) and standard deviations for all streamflow characteristics.

Regional streamflow data are summarized in tabular form. Table 2 provides a summary of annual discharges, monthly distributions and streamflow characteristic frequency ratios, including the annual flow 10-year high- and low-year frequency ratios. Table 3 lists the regional streamflow characteristics with the number of years used in the analysis. Tables 4, 5, 6, 7 and 8 list the results of frequency analyses of instantaneous peak flows, annual mean flows June to September 7-day low flows, and annual 7-day low flows, respectively. Gaps in these tables are attributed to unavailable data or the metric not being calculated due to extreme low flows that don't match the Log Pearson Type III distribution for 7-day low flow analysis. Table 9 lists the percent of time that daily flows are exceeded. The relationship between selected streamflow parameters and certain basin characteristics are presented in graphical form. Variation of normal annual runoff and 10-year peak flow with median elevation are presented in Figure 3 and 4-3, while variation of 10-year peak flow, 10-year 7-day June to September low flow, and annual low flow with drainage area are presented in Figures 4-1, 4-2, 5-1, 5-2, 6-1 and 6-2, respectively. The various parameters in these tables are extracted from Excel spreadsheets containing streamflow summary data, graphs and figures.

In contrast to the previous version of this report, hydrologic zone design curves are not included for the various streamflow indices. Despite the substantial effort that went into delineating zones with similar streamflow characteristics, significant variability still exists within each zone. In many cases when using this report, professional judgment is required to decide which stations are most representative of the ungauged watershed in

question. In addition, because the frequency analyses in this iteration used all available data, the record period is not the same for all stations. Therefore, the relative position of a particular station's streamflow metric (e.g., peak flow) on the plots is influenced in part by the length of the record period analyzed, and so all stations are not necessarily directly comparable. Finally, several stations included in the original report have been decommissioned, resulting in fewer data points from which to draw a regional curve.

4. STREAMFLOW DATA SHEETS

This report section describes the period of record used, the compilation of streamflow data, the procedures for estimating missing data, and the formats for presenting the summarized. Annual values are based on a calendar year, rather than a water year (October - September). All available data up to the year 2011 were compiled and stored in the HEC-DSS database. However, data from year 1976 to 2011 are presented in the datasheet and the calculated normal values are based on the 1981-2010 period.

The hydrometric stations (data) included in the analyses met the following criteria:

- natural flow (or flow with minor regulation);
- minimum 12 years of substantially complete monthly flow data (with a few exceptions); and
- Measured instantaneous discharge.

Compiled streamflow characteristics included:

- monthly flow;
- annual flow;
- monthly flow variation;
- normal annual runoff;
- instantaneous peak flow and date of occurrence; and
- seven-day average low flow.

Each station datasheet contains basic hydrometric station information such as drainage area and station location (i.e., station longitude, latitude and median elevation). The procedures used for calculating this information are described below.

The drainage areas for each WSC station are determined as follows. Upstream watersheds for areas within BC are delineated based on the BC Freshwater Atlas (FWA) "fundamental watersheds". Watersheds outside of BC and within Canada are delineated using the GeoBase Canadian Digital Elevation Data (CDED) digital elevation model (DEM). Drainage areas in the United States are delineated using the USGS National Elevation Dataset (NED) DEM. These results are checked against the highest resolution topography available, and any errors (especially in flat areas) are corrected manually. The BC FWA, CDED, and NED watershed polygons were joined together to form the overall upstream watersheds, with some manual editing at the BC provincial boundary to match up a BC FWA watershed with either the CDED or NED watershed.

The hydrometric station locations are referenced at the centre of a stream. Some of these station locations differ from WSC documented station locations. Where WSC recorded station locations (latitude and longitude) are found to be inaccurate (usually by comparing calculated upstream watershed areas with the areas provided by WSC) the WSC metadata records with descriptions of locations and 1:50,000 (or sometimes 1:250,000 scale) maps showing positions are used along with best judgment to determine the station locations.

Median elevation is calculated using the delineated watersheds overlaid with DEM data: BC TRIM DEM (25m cell size) for regions within BC. The GeoBase CDED DEM (0.75 arc-second cell size) for regions outside of BC and within Canada, and the NED DEM (2 arc-second cell size) for regions in the US. An ArcGIS function is used to calculate median elevation for each hydrometric station upstream watershed.

4.1 Annual and Monthly Streamflow

Monthly and annual discharges are reported in m^3/s. The normal value is for the years 1981-2010.

For months with missing values in the 1981-2010 period, monthly normals are computed from the available record during this period.

Monthly streamflow values for the normal period are provided in mm (referred to as "runoff" rather than "flow"), and are calculated as follows:

$$\text{Runoff} = 86.4\ Q\ n\ /\ A$$

where: Q is the normal monthly discharge in m^3/s
n is the number of days in the month
A is the drainage area in km^2.

The annual runoff in mm is calculated using the above equation based on the normal annual discharge using n = 365.25. This value is used for all stations for the 1981-2010 period and, as a result, the sum of monthly runoff does not always equal the annual runoff.

Annual discharges are summarized in graphical format as "Percent of Normal" or "Percent of Average Flow" (where full normal period data are not available) to illustrate the annual streamflow variation or the departure from normal or average for each year. Monthly runoffs for the normal period are summarized in graphical format as "Percent of Annual" for each month.

Frequency analyses used annual peak instantaneous flows, seven-day annual low flows, and June to September low flows from the HYDAT database (i.e., the Water Survey of Canada hydrometric database). Estimates are not provided for years with missing data. Both high flow and low flow frequency analyses used the Log Pearson Type III method.

These estimates are summarized in the Annual High Flow and Annual Low Flow figures which show the frequency analyses results as ratios of various return period flows to the 10-year return period (10% chance of exceedance) “index” annual flow.

Reservoir level and outflow data are available for the Nechako Reservoir with reservoir inflow calculated on a monthly basis as outlined below. This provides reliable monthly and annual flow data though does not provide instantaneous peak flow or 7-day low flow data. Outflows are calculated as the sum of Skins Lake Spillway releases and flows through the Kemano powerhouse. Inflow estimates are calculated as the difference between the above outflow values and the change in reservoir volume (reservoir level multiplied by surface area).

4.2 Peak Flow

Annual maximum instantaneous discharges are presented in the datasheets rather than maximum daily discharges, and form the basis of the peak flow recurrence interval analyses. Date of occurrence is included as this provides some indication of the type of peak flow event (rainfall, snowmelt, rain-on-snow). Except for instances with published maximum daily discharge, there are no estimates made for years with missing values. In such cases, the instantaneous peak flow estimates used a ratio of instantaneous to daily peak flow based on data for other years. These values are marked with comments in the individual station datasheets.

Peak flow frequency analyses covered all available peak flow data. These analyses are based on Bulletin 17B method “Guidelines for Determining Flood Flow Frequency” by the Interagency Advisory Committee on Water Data, USGS (1982), which specifies use of the Log-Pearson Type III distribution. This distribution provided the best fit to the data for most of the hydrological zones in the previous version of this report.

The Peak Flow frequency analyses results are summarized by return period as a ratio to the 10-year return period “index” peak flow. The 10-year return period instantaneous peak flow is used as it can be estimated with some reliability with the available data and provides a reasonably stable value for relating to other return periods.

4.3 Seven-Day Average Low Flow

Seven-day average low flows in the datasheets are compiled from daily discharge data. The periods selected for analyses are June-September and the calendar year. For each period, the minimum value of the seven-day average discharge is computed using HEC-SSP software. There are no estimates made for missing years or for gaps within years.

Low flow frequency analyses covered all available data for both the June-September and the calendar year data sets. The 10-year recurrence interval low flow is shown in the data sheets. The low flow frequency analyses used the Log-Pearson Type III distribution, recommended by the ASCE Task Committee (ASCE, 1980), as it provides the best fit to the data in all zones studied.

The low flow frequency data are summarized in the Annual 7-Day Low Flow graph, which shows the frequency analysis results in terms of return period flows as a ratio to the 10-year return period "index" low flow. For hydrometric stations with exceptionally low discharges the 7-day annual and June-September low flow values couldn't be fitted to a Log Pearson Type III distribution and therefore frequency values are not computed.

5. SUMMARY

Updates to the approach used in the analyses for this regional streamflow inventory, since the original report, include: basin area determination, alteration of the normal period to 30 years to align with the Environment Canada standard, use of all available data in the calculation of recurrence intervals for peak flow and low flow metrics, and the inclusion of daily flow duration analyses. Due to ongoing changes in the number of operational hydrometric stations, the amount of data available for use in regional analyses may change. This report is scheduled to be updated approximately every ten years, or following substantial changes to the hydrometric network, as resources allow.

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FIGURES

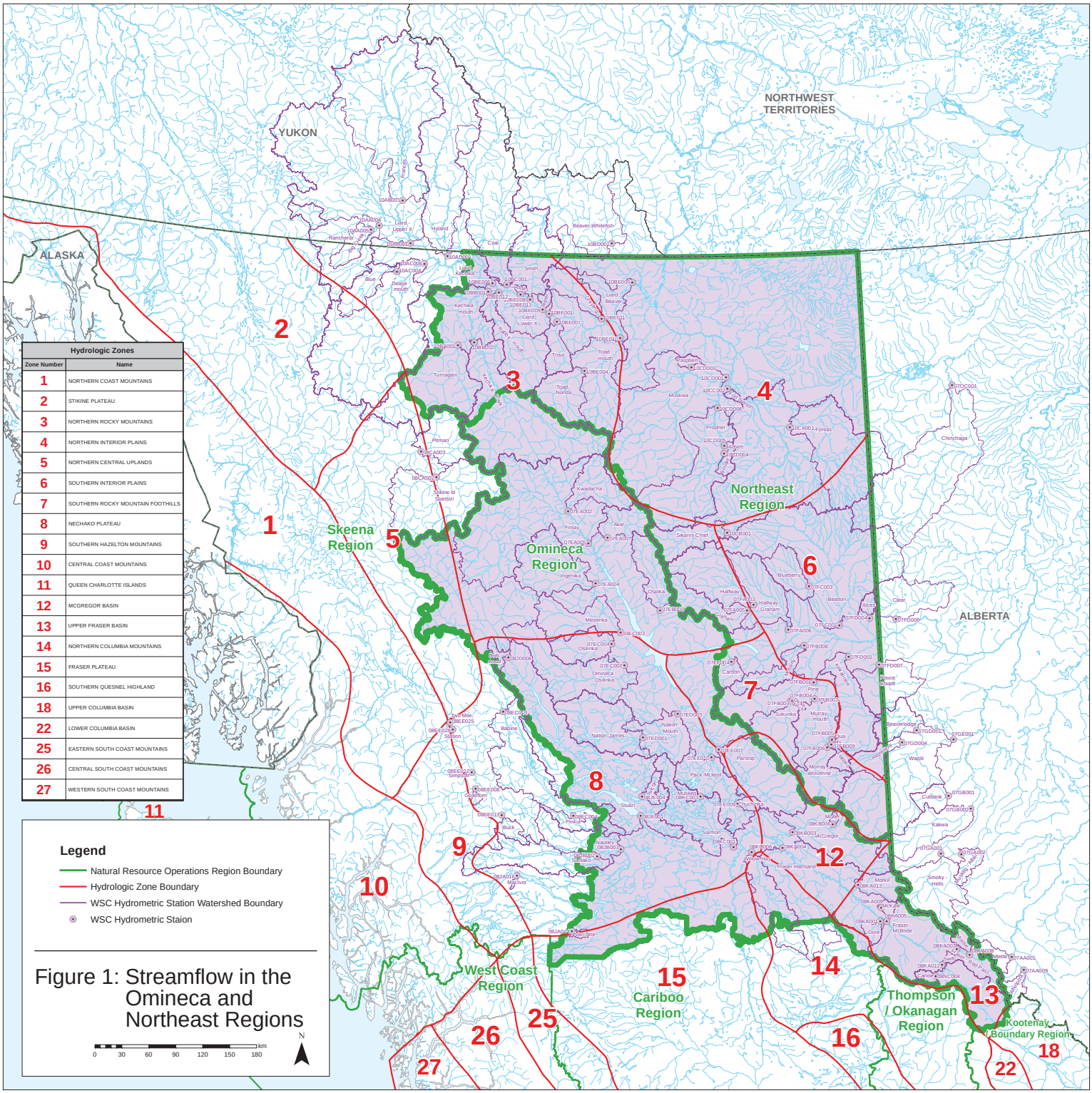
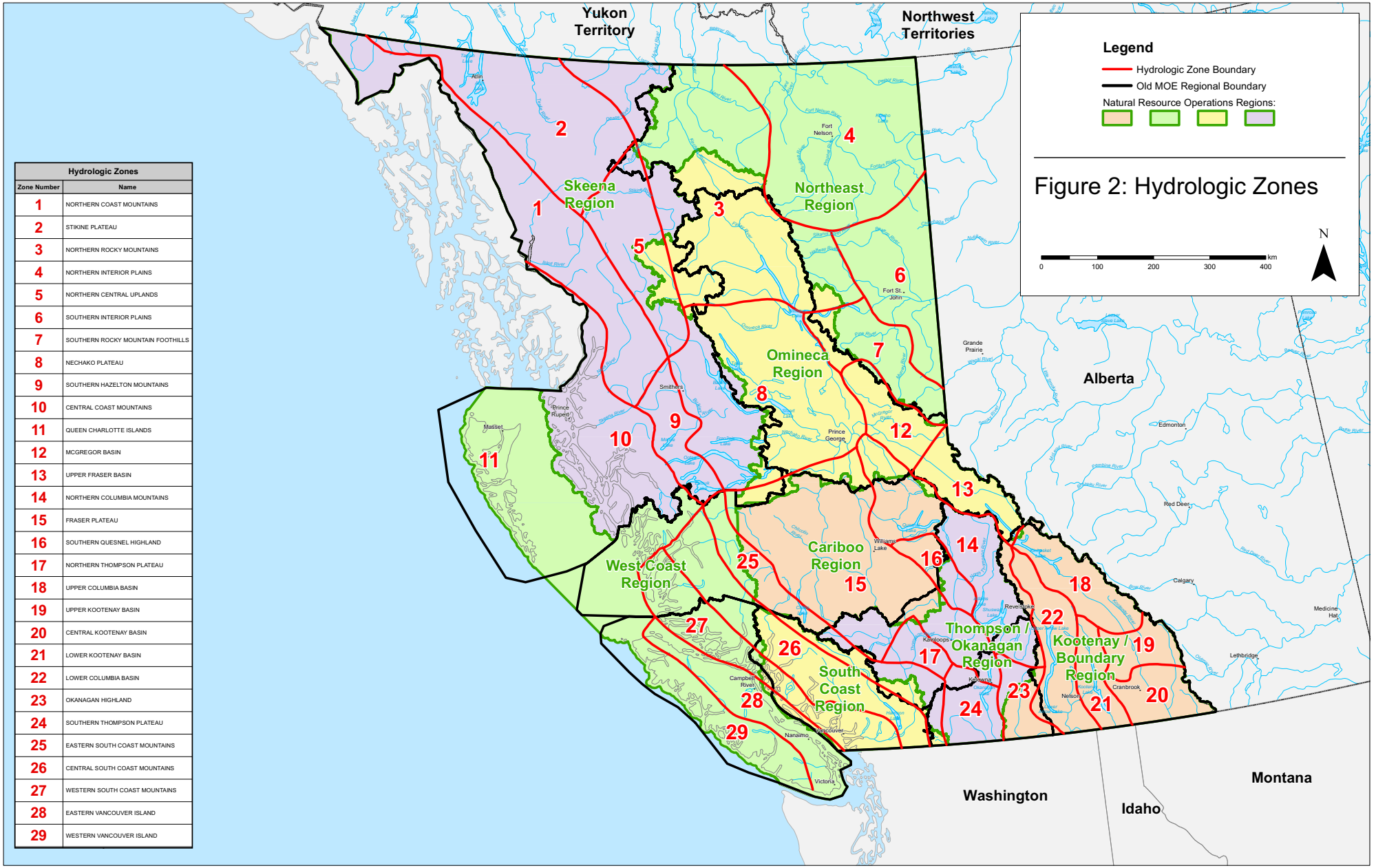


Figure 1: Streamflow in the Omineca and Northeast Regions



Hydrologic Zones	
Zone Number	Name
1	NORTHERN COAST MOUNTAINS
2	STIKINE PLATEAU
3	NORTHERN ROCKY MOUNTAINS
4	NORTHERN INTERIOR PLAINS
5	NORTHERN CENTRAL UPLANDS
6	SOUTHERN INTERIOR PLAINS
7	SOUTHERN ROCKY MOUNTAIN FOOTHILLS
8	NECHAKO PLATEAU
9	SOUTHERN HAZELTON MOUNTAINS
10	CENTRAL COAST MOUNTAINS
11	QUEEN CHARLOTTE ISLANDS
12	MCGREGOR BASIN
13	UPPER FRASER BASIN
14	NORTHERN COLUMBIA MOUNTAINS
15	FRASER PLATEAU
16	SOUTHERN QUESNEL HIGHLAND
17	NORTHERN THOMPSON PLATEAU
18	UPPER COLUMBIA BASIN
19	UPPER KOOTENAY BASIN
20	CENTRAL KOOTENAY BASIN
21	LOWER KOOTENAY BASIN
22	LOWER COLUMBIA BASIN
23	OKANAGAN HIGHLAND
24	SOUTHERN THOMPSON PLATEAU
25	EASTERN SOUTH COAST MOUNTAINS
26	CENTRAL SOUTH COAST MOUNTAINS
27	WESTERN SOUTH COAST MOUNTAINS
28	EASTERN VANCOUVER ISLAND
29	WESTERN VANCOUVER ISLAND

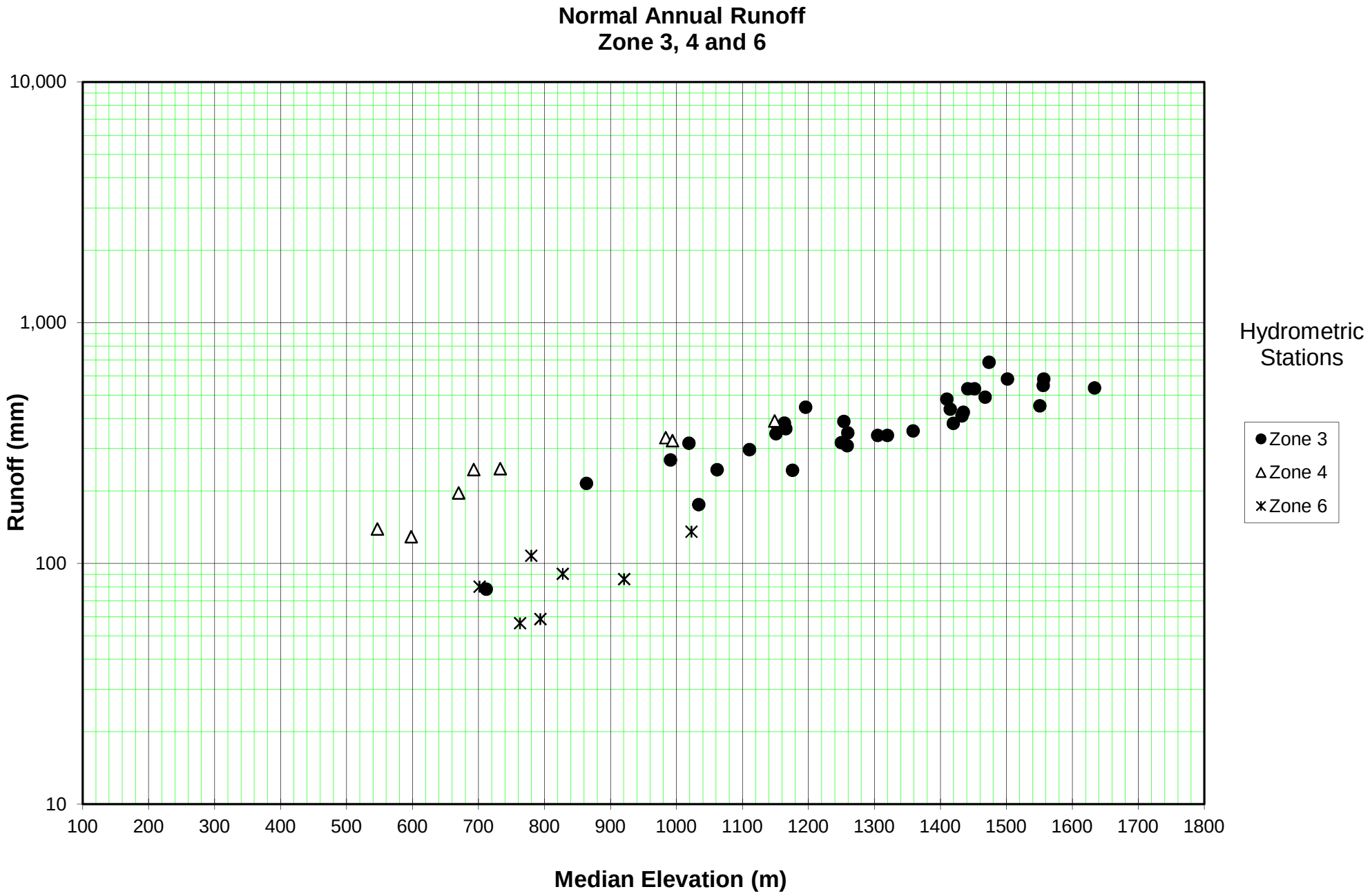


Figure 3 Normal Annual Runoff (page 1 of 2)

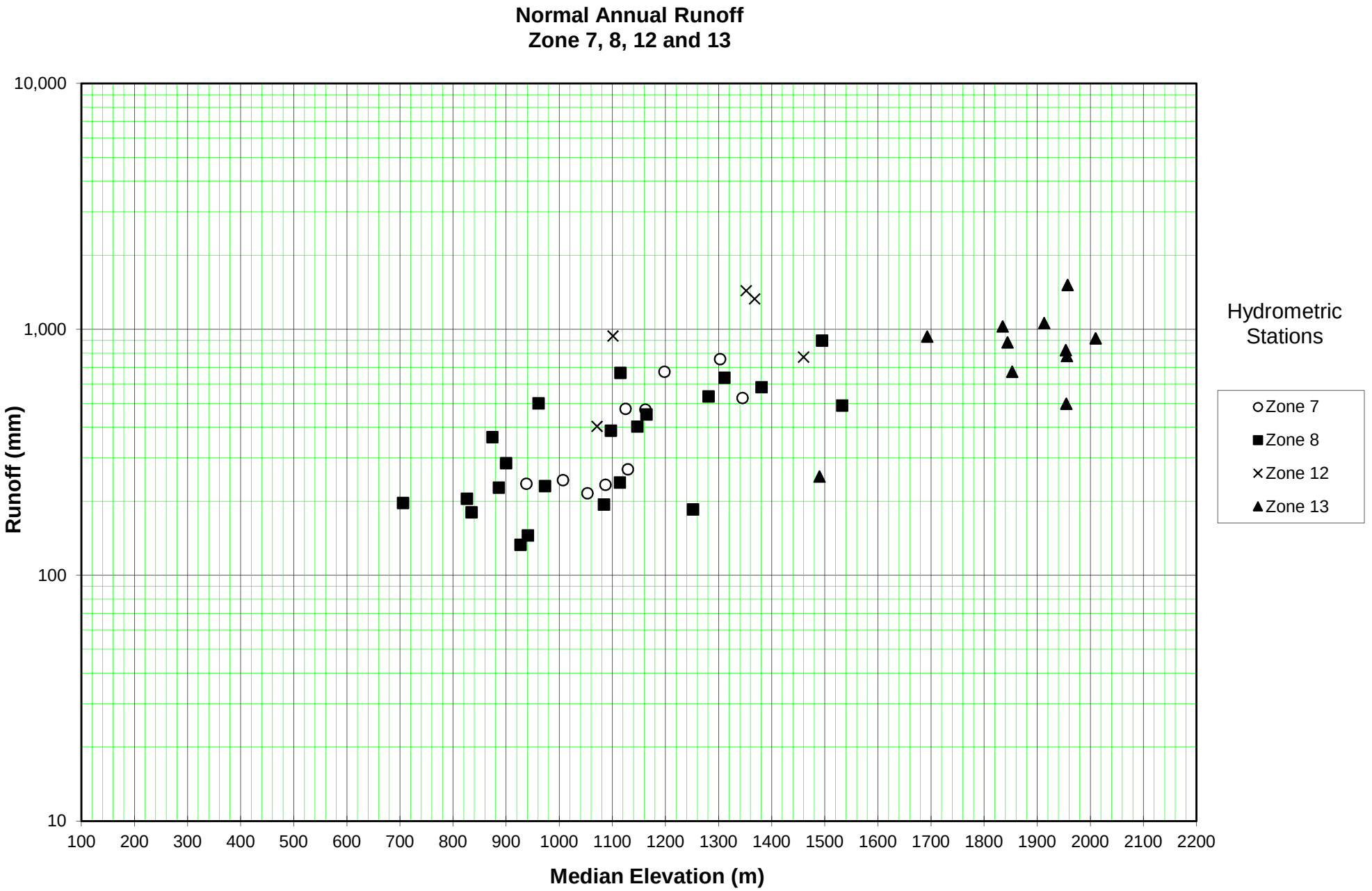


Figure 3 Normal Annual Runoff (page 2 of 2)

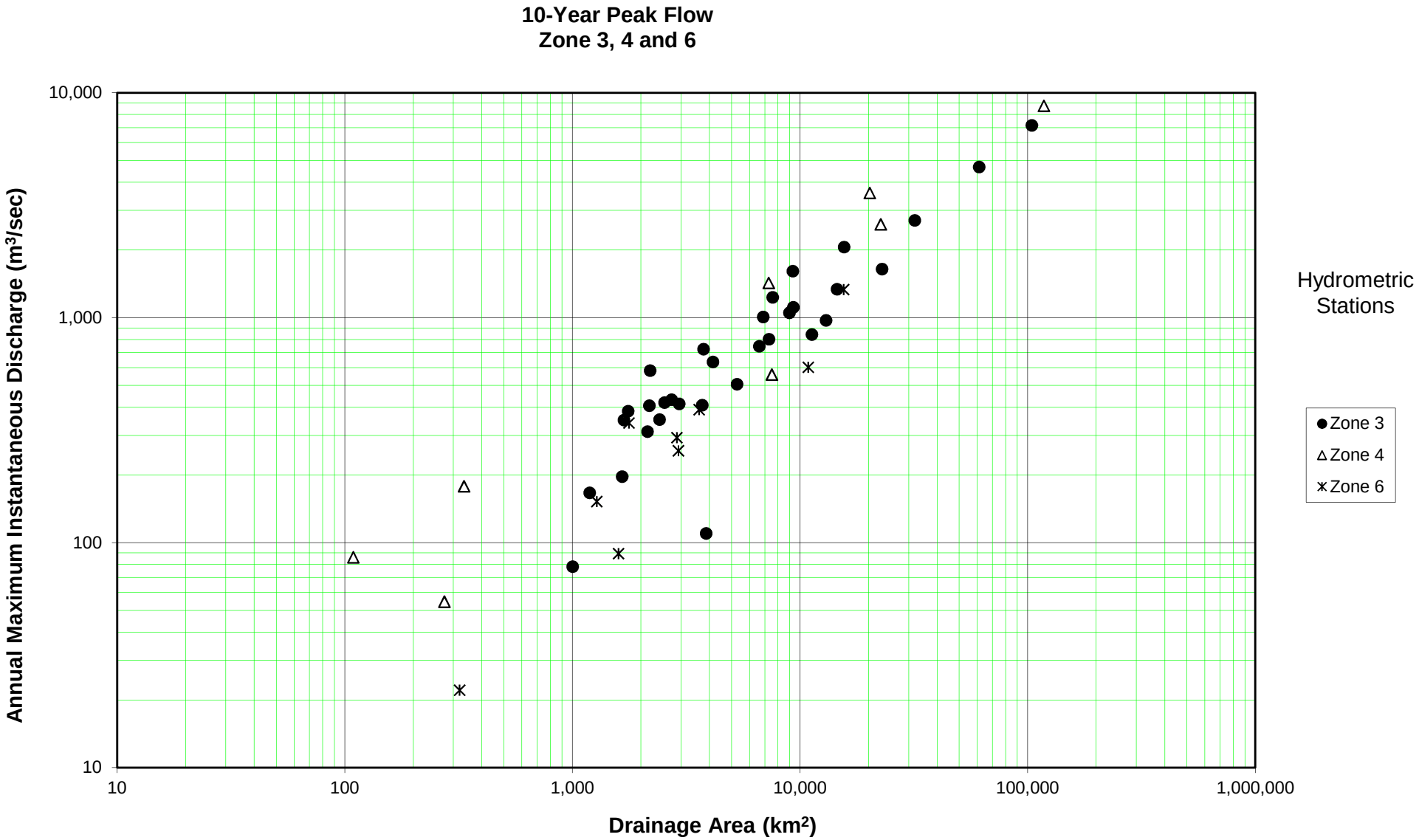


Figure 4-1 10-Year Peak Flow vs Drainage Area (page 1 of 2)

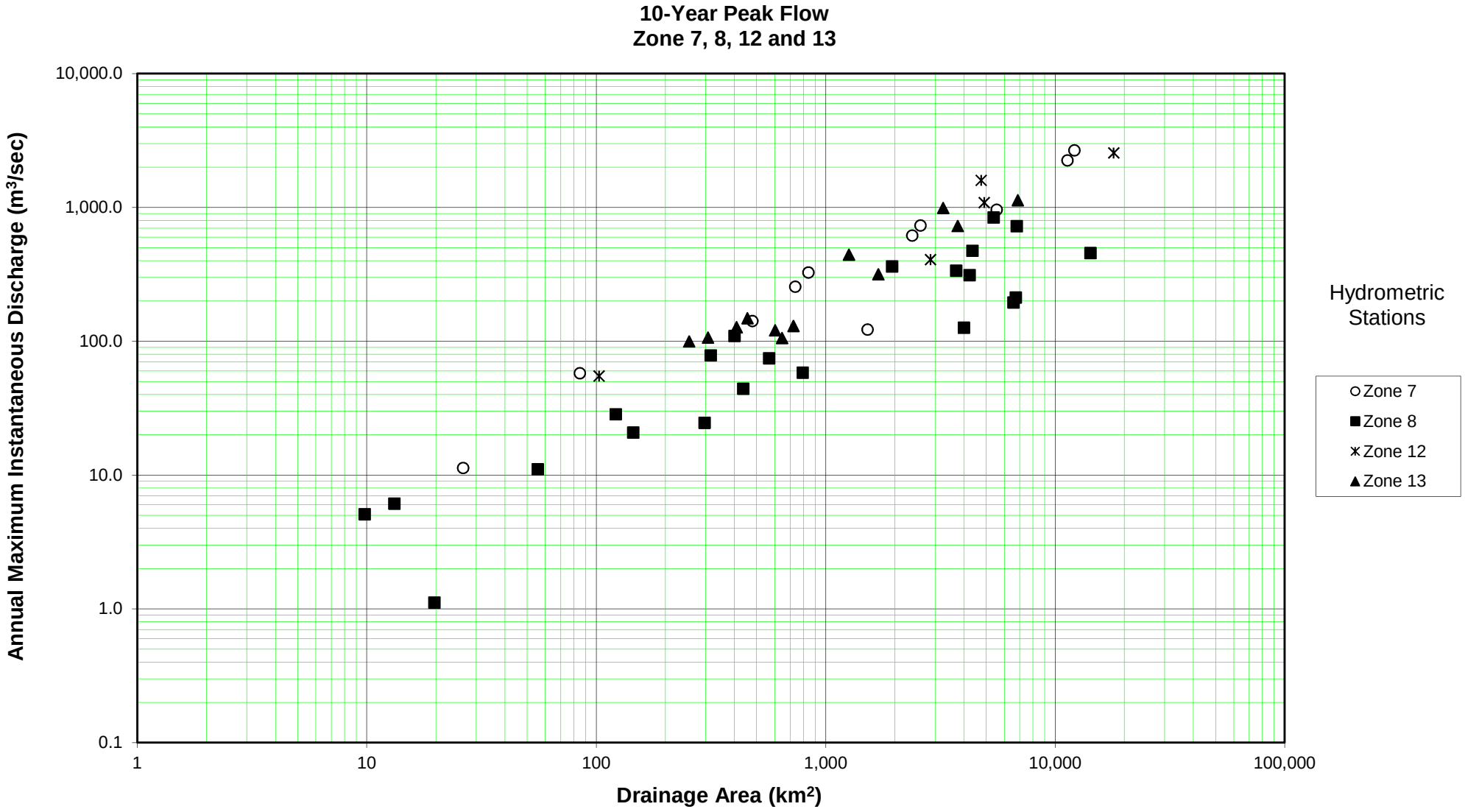


Figure 4-1 10-Year Peak Flow vs Drainage Area (page 2 of 2)

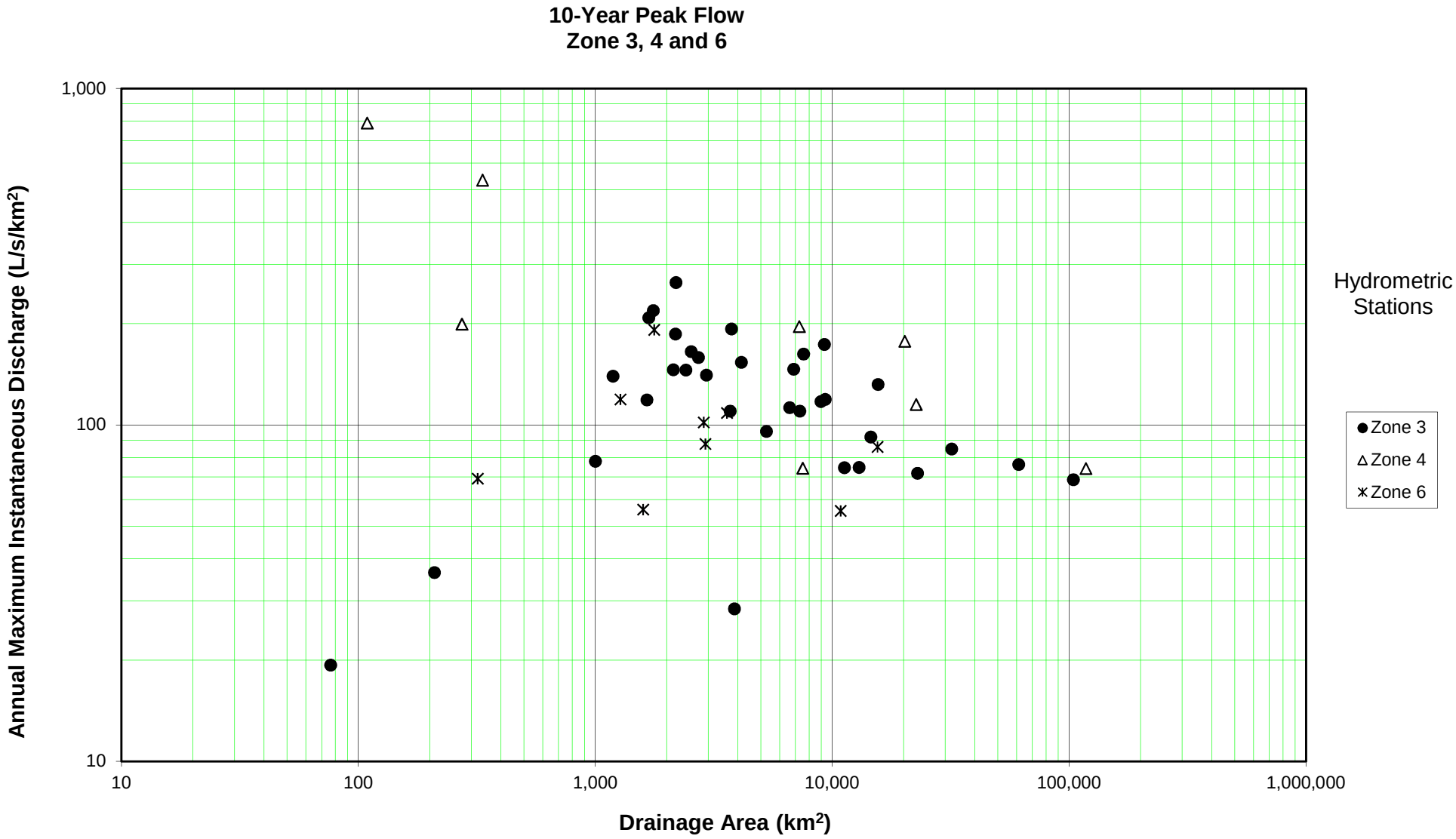


Figure 4-2 10-Year Peak Flow per Unit Area vs Drainage Area (page 1 of 2)

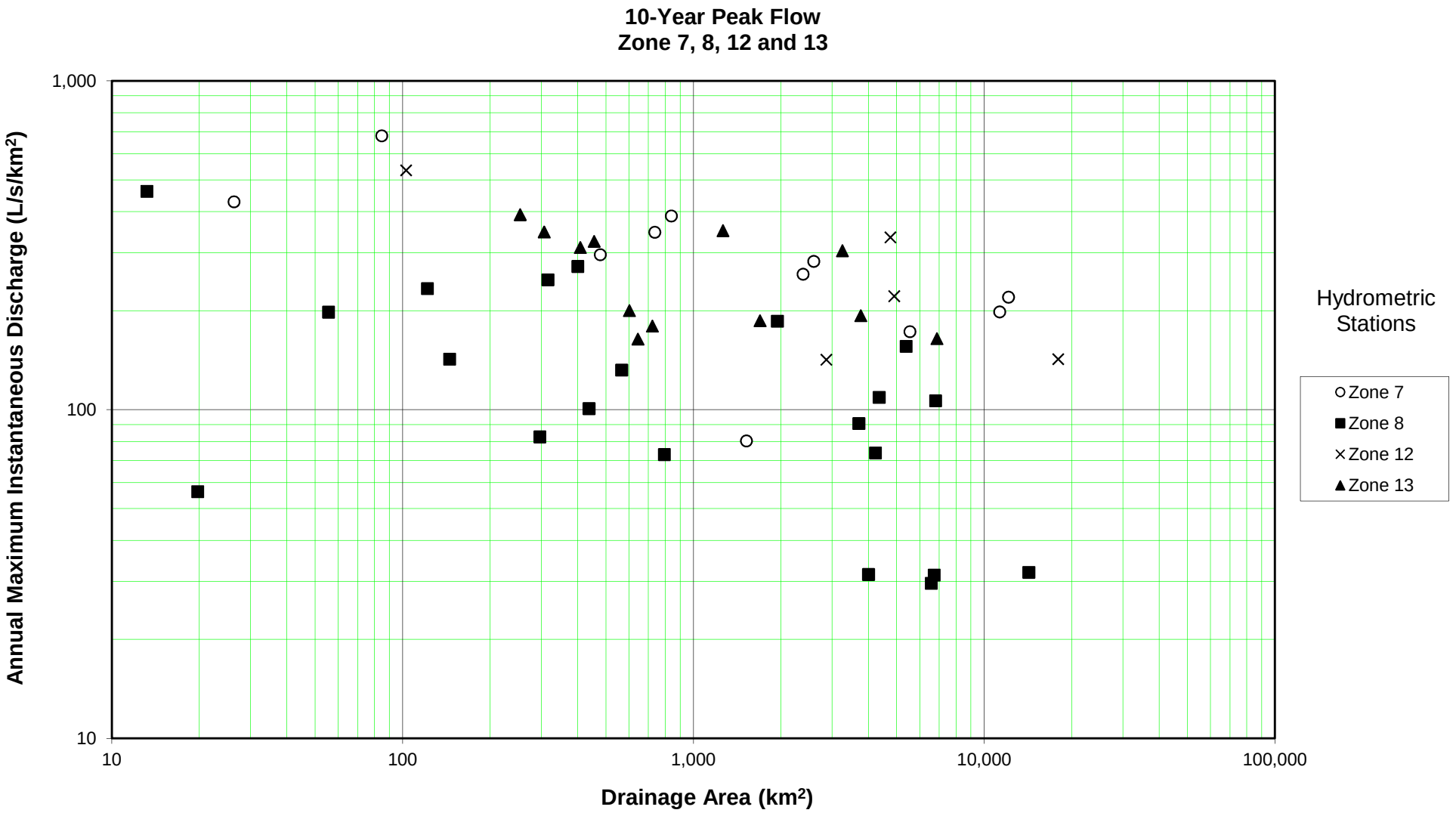


Figure 4-2 10-Year Peak Flow per Unit Area vs Drainage Area (page 2 of 2)

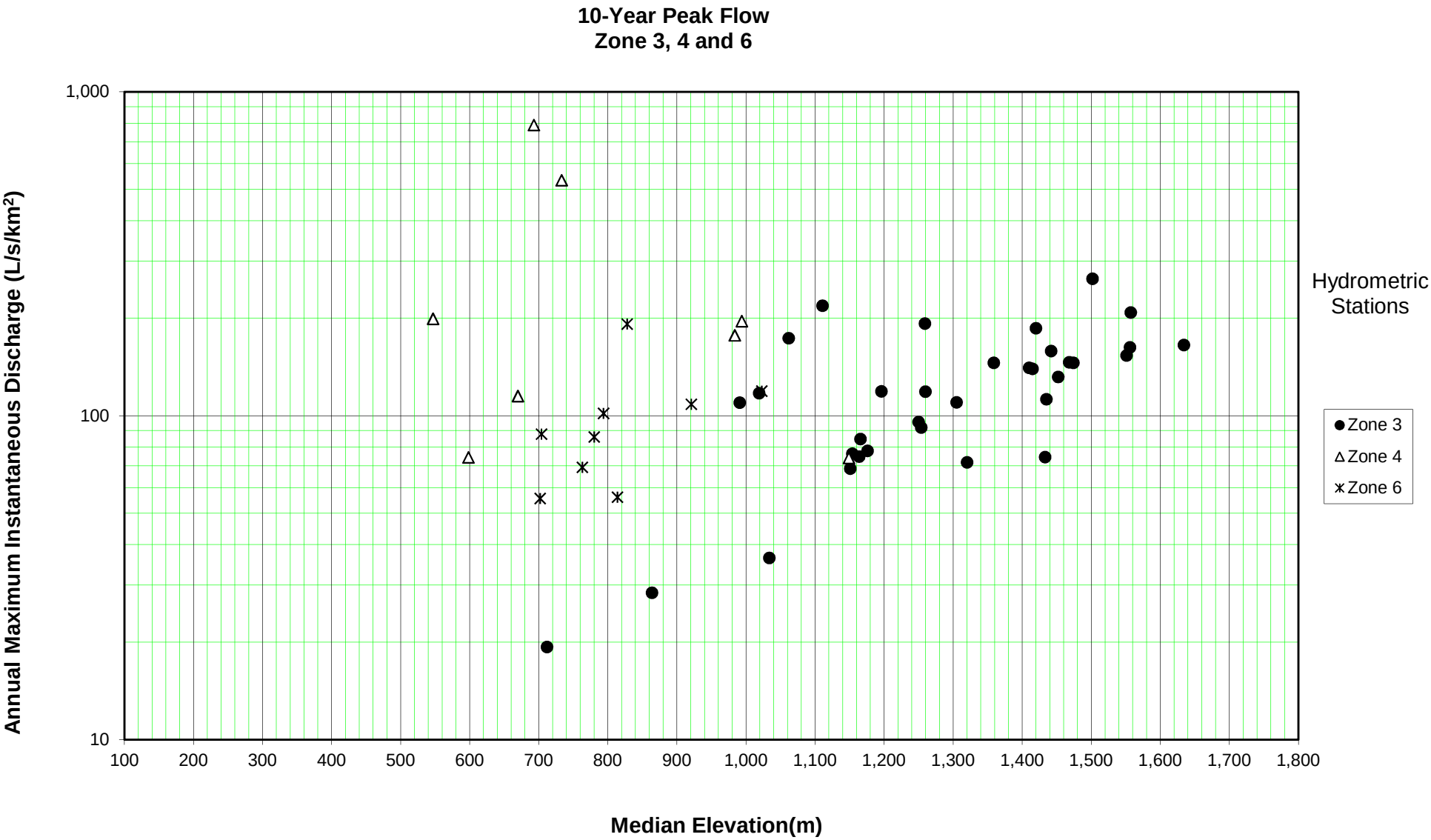


Figure 4-3 10-Year Peak Flow per Unit Area vs Median Elevation (page 1 of 2)

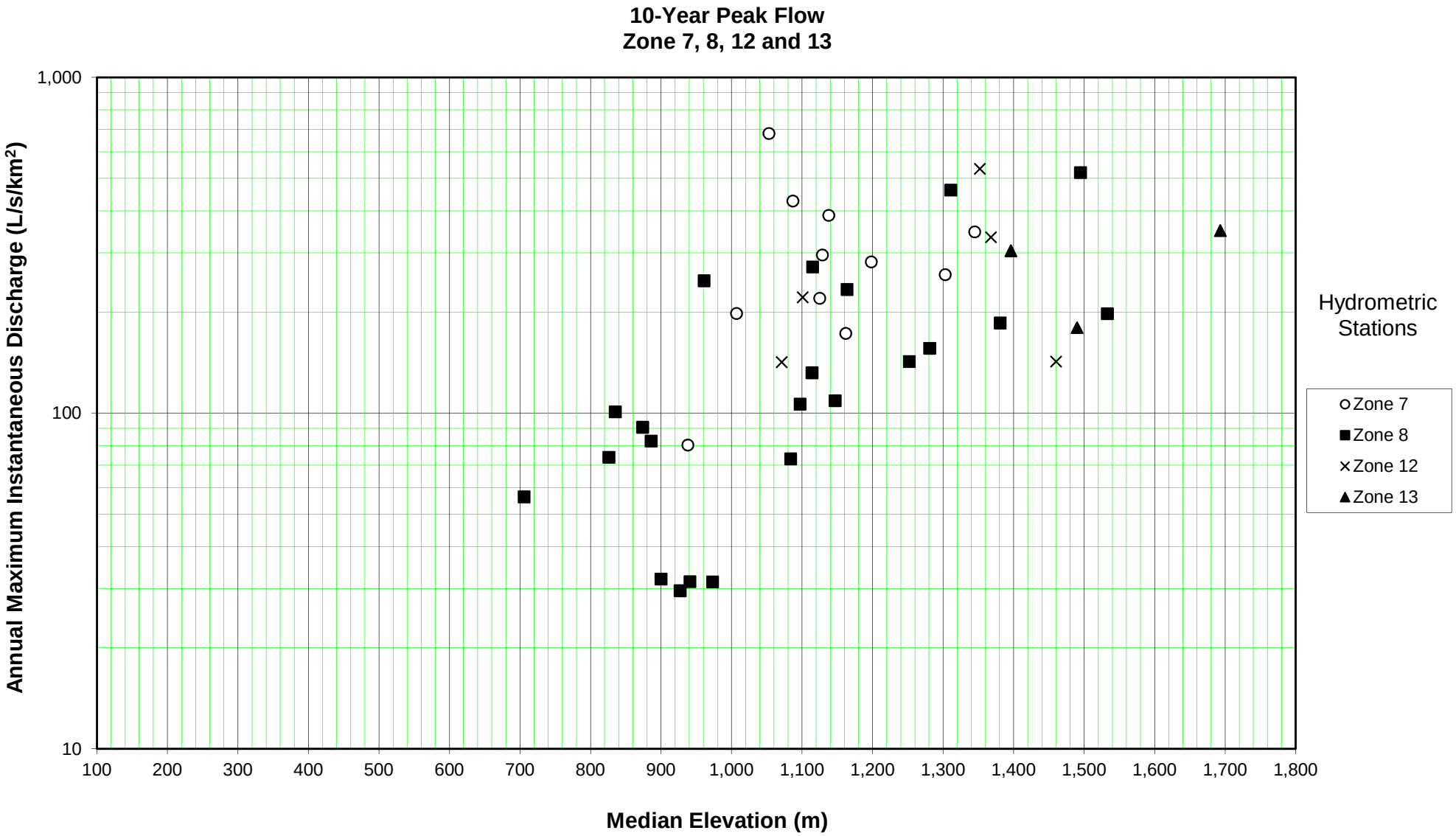


Figure 4-3 10-Year Peak Flow per Unit Area vs Median Elevation (page 2 of 2)

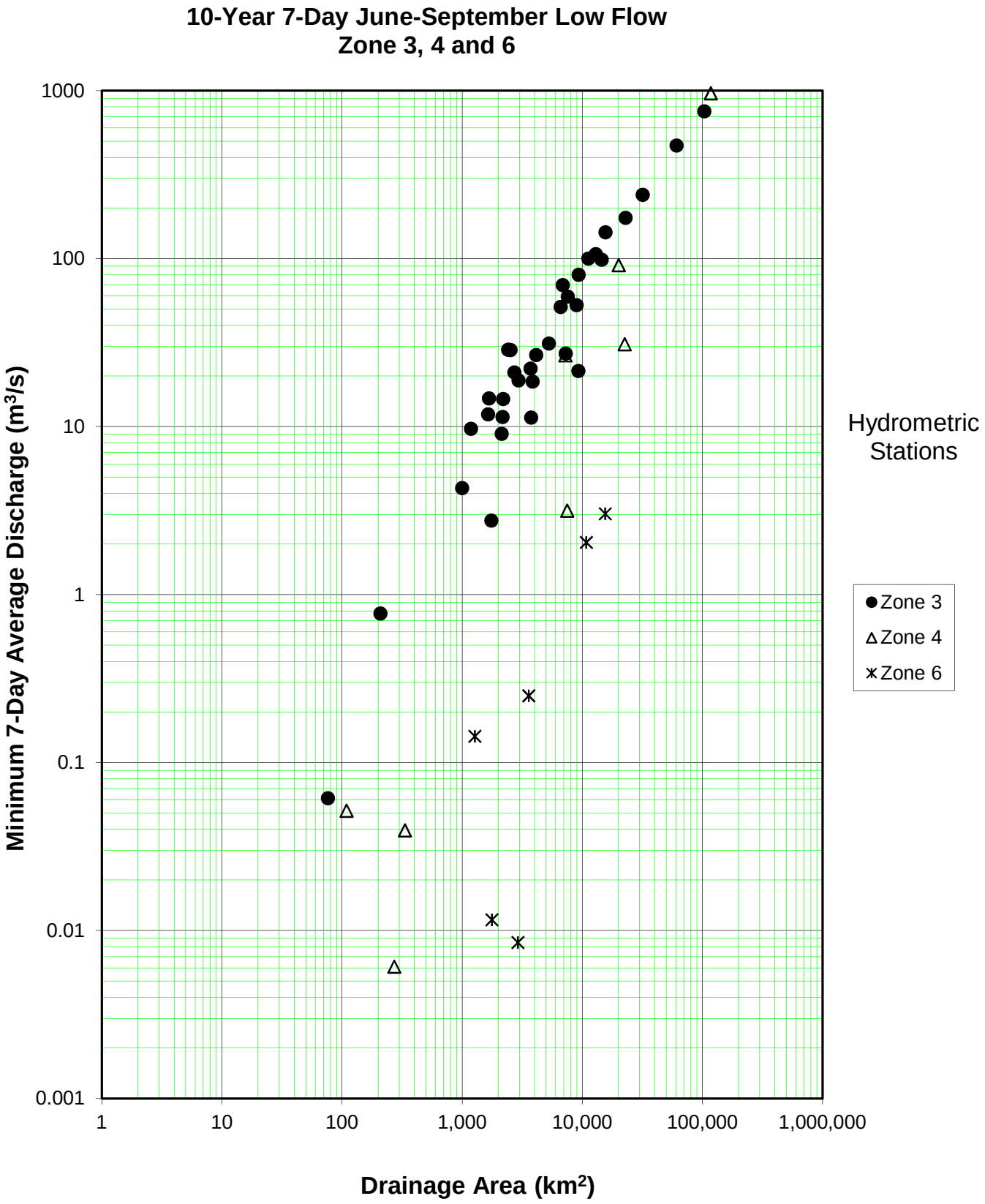


Figure 5-1 10-Year 7-Day June-September Low Flow vs Drainage Area (page 1 of 2)

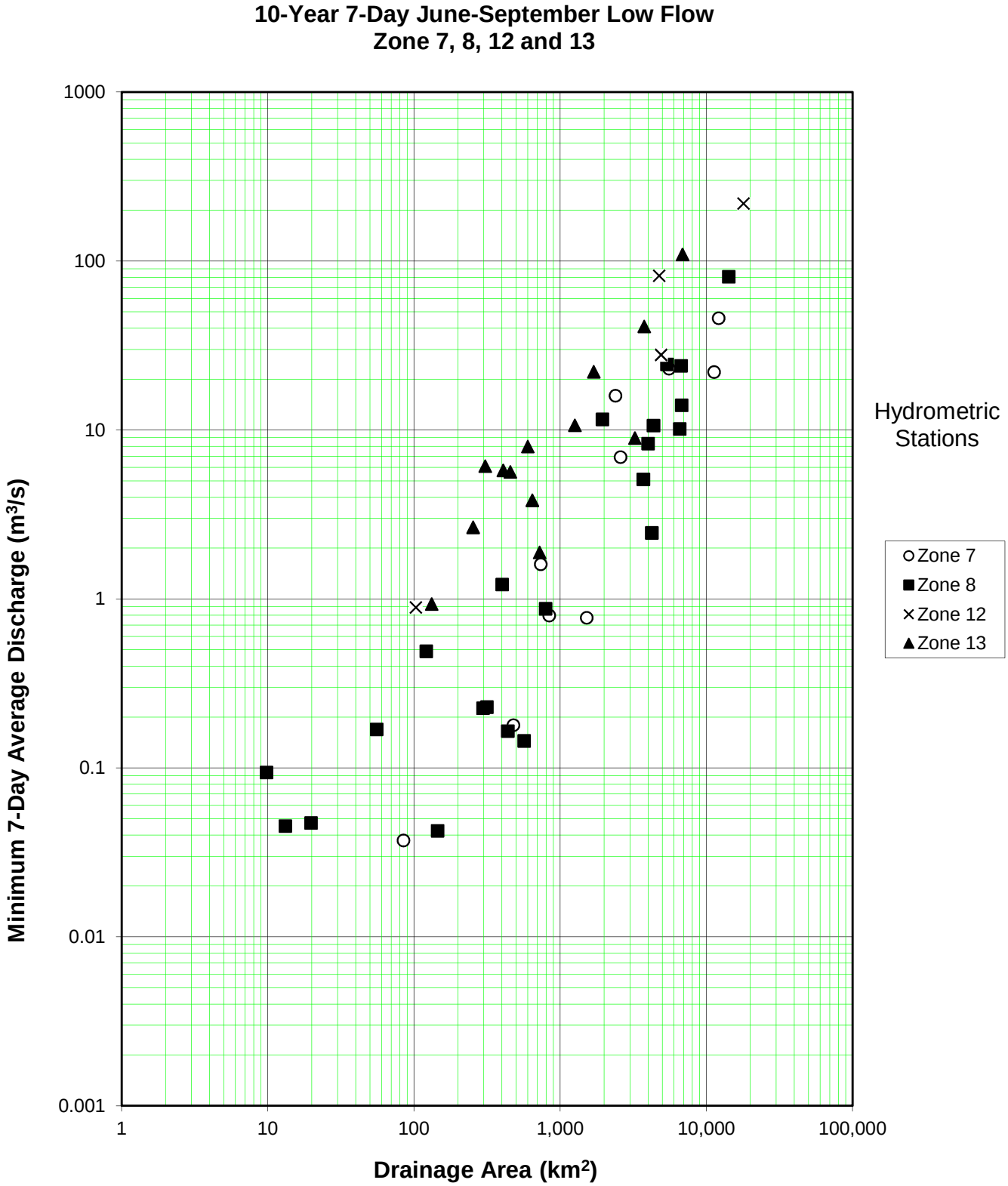


Figure 5-1 10-Year 7-Day June-September Low Flow vs Drainage Area (page 2 of 2)

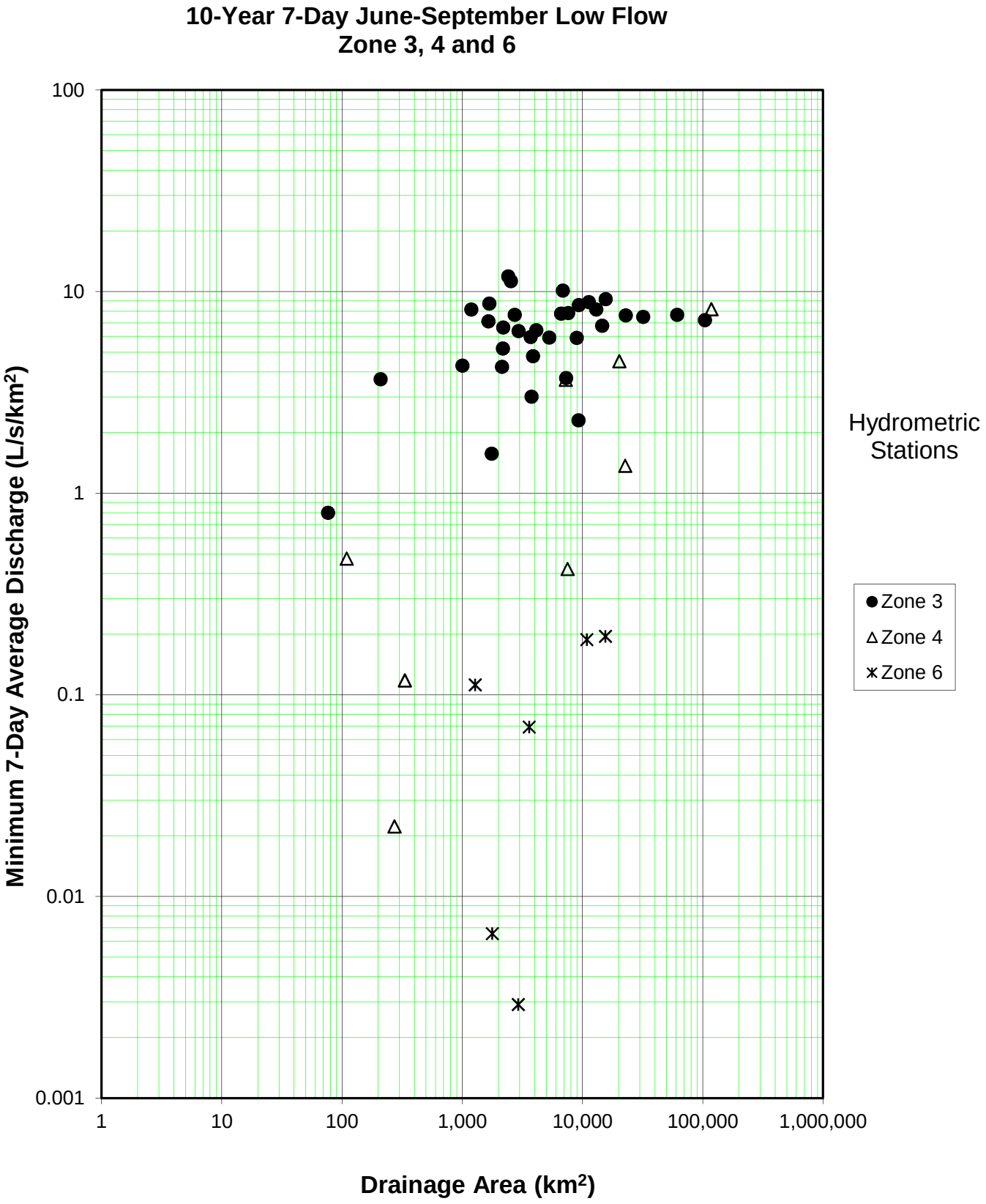


Figure 5-2 10-Year 7-Day June-September Low Flow per Unit Area vs Drainage Area (page 1 of 2)

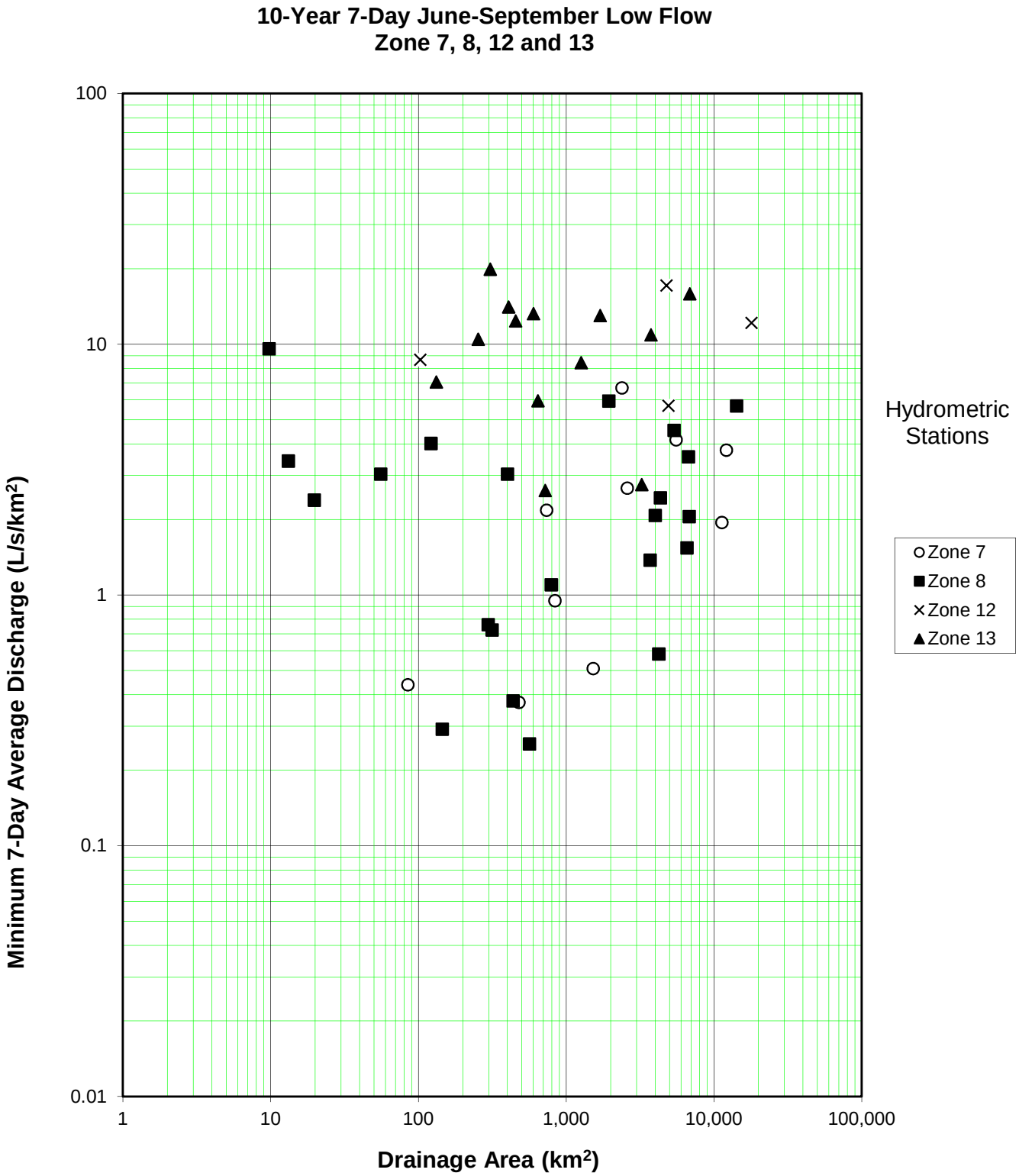


Figure 5-2 10-Year 7-Day June-September Low Flow per Unit Area vs Drainage Area (page 2 of 2)

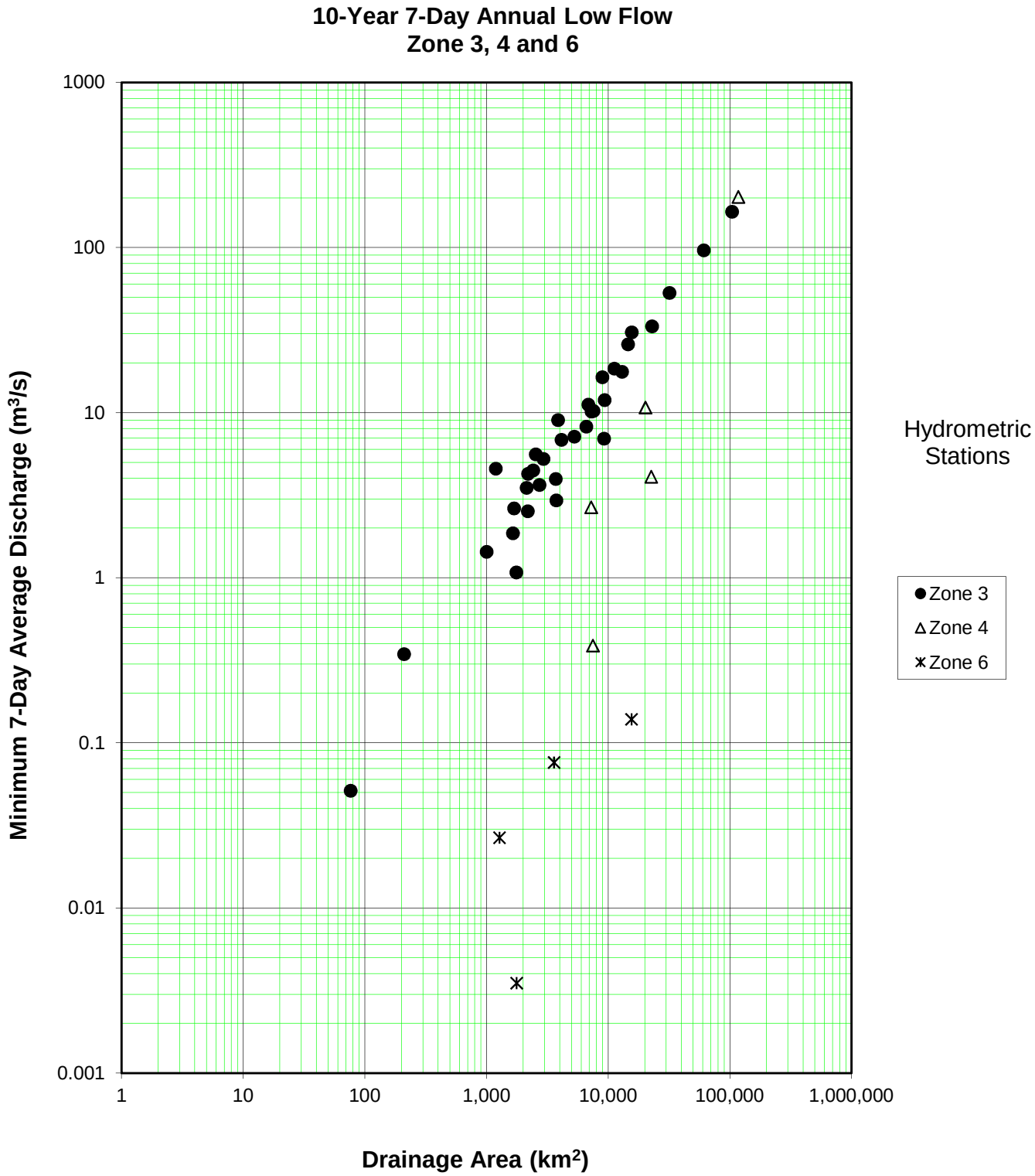


Figure 6-1 10-Year 7-Day Annual Low Flow vs Drainage Area (page 1 of 2)

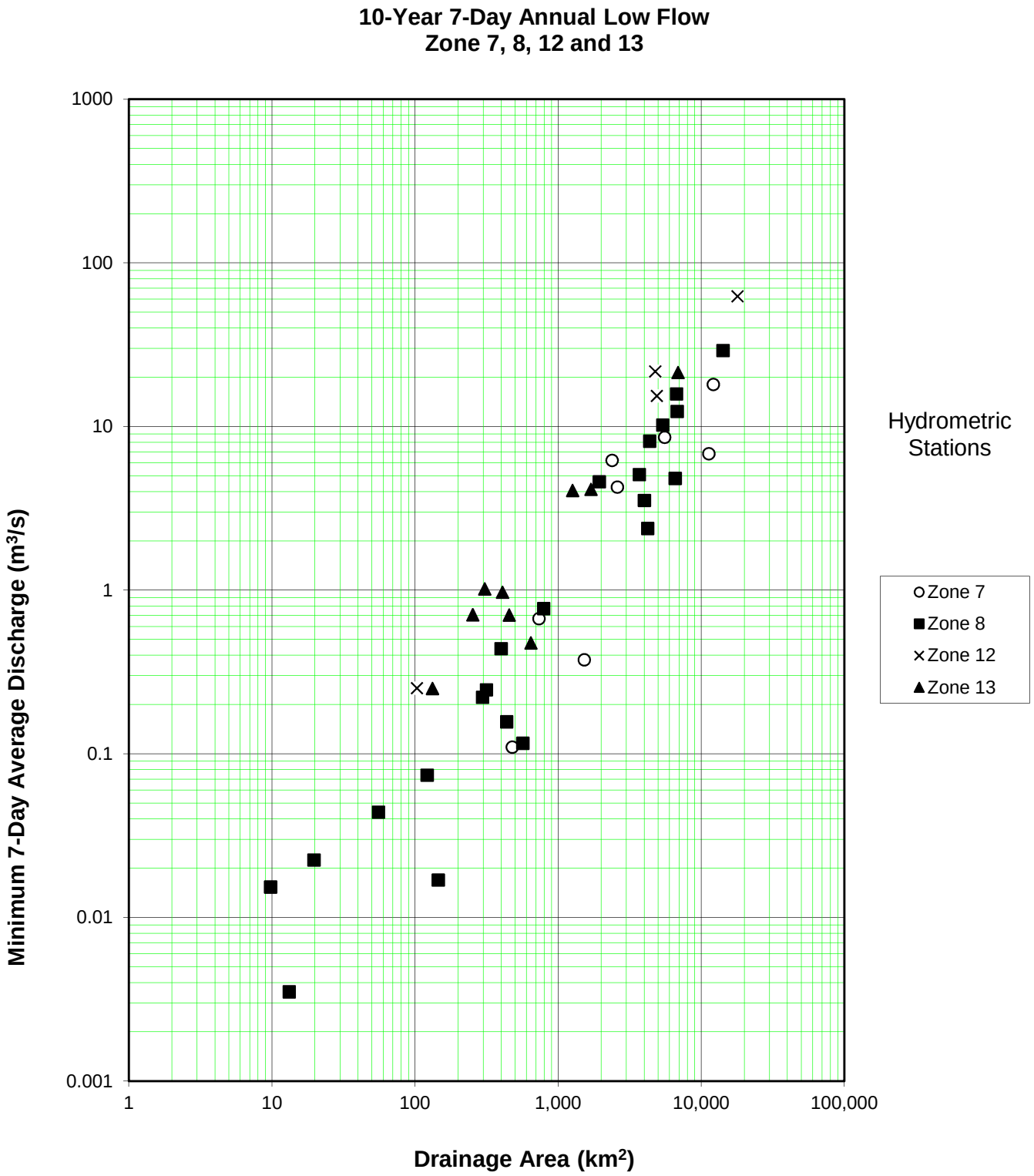


Figure 6-1 10-Year 7-Day Annual Low Flow vs Drainage Area (page 2 of 2)

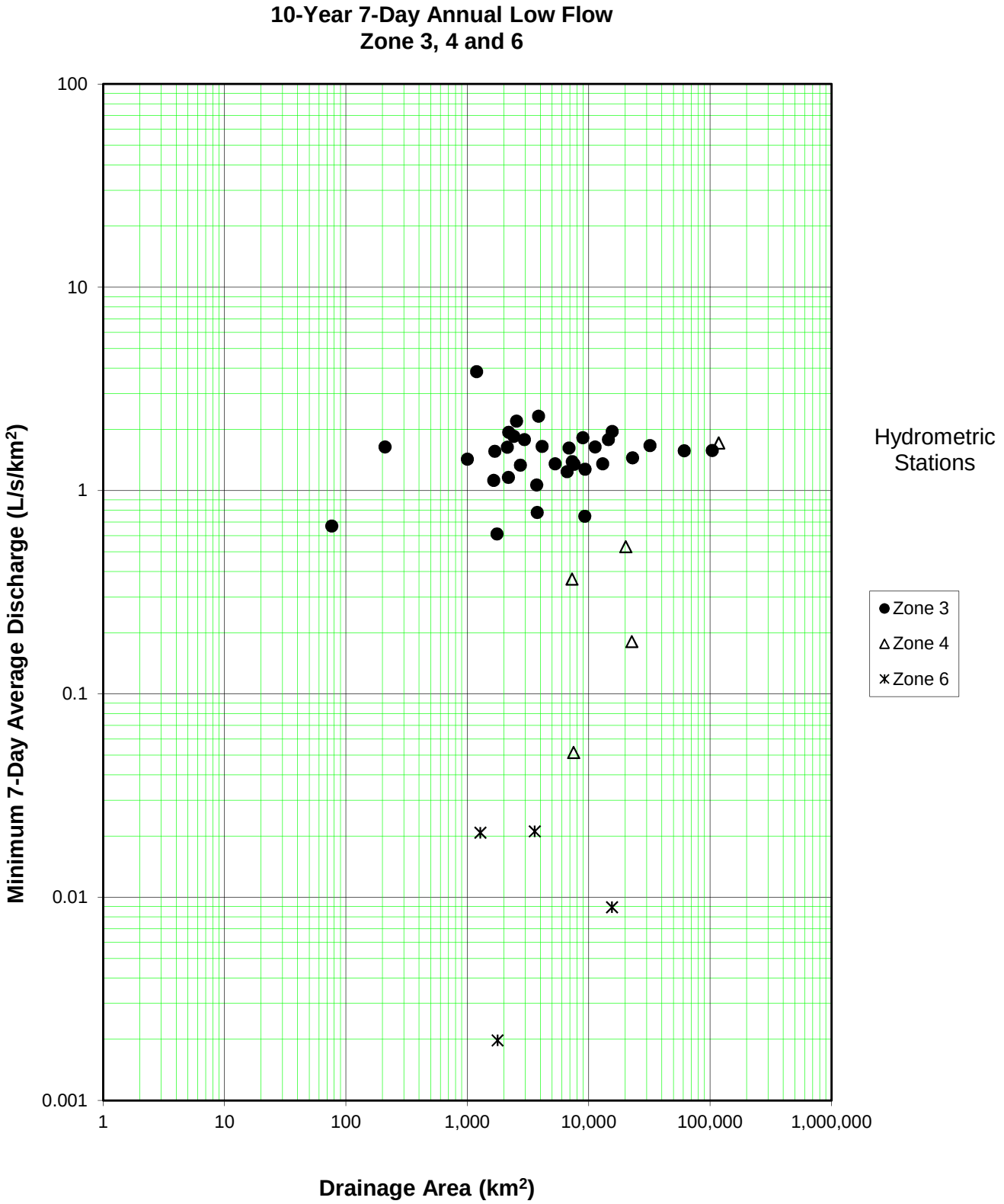


Figure 6-2 10-Year 7-Day Annual Low Flow per Unit Area vs Drainage Area (page 1 of 2)

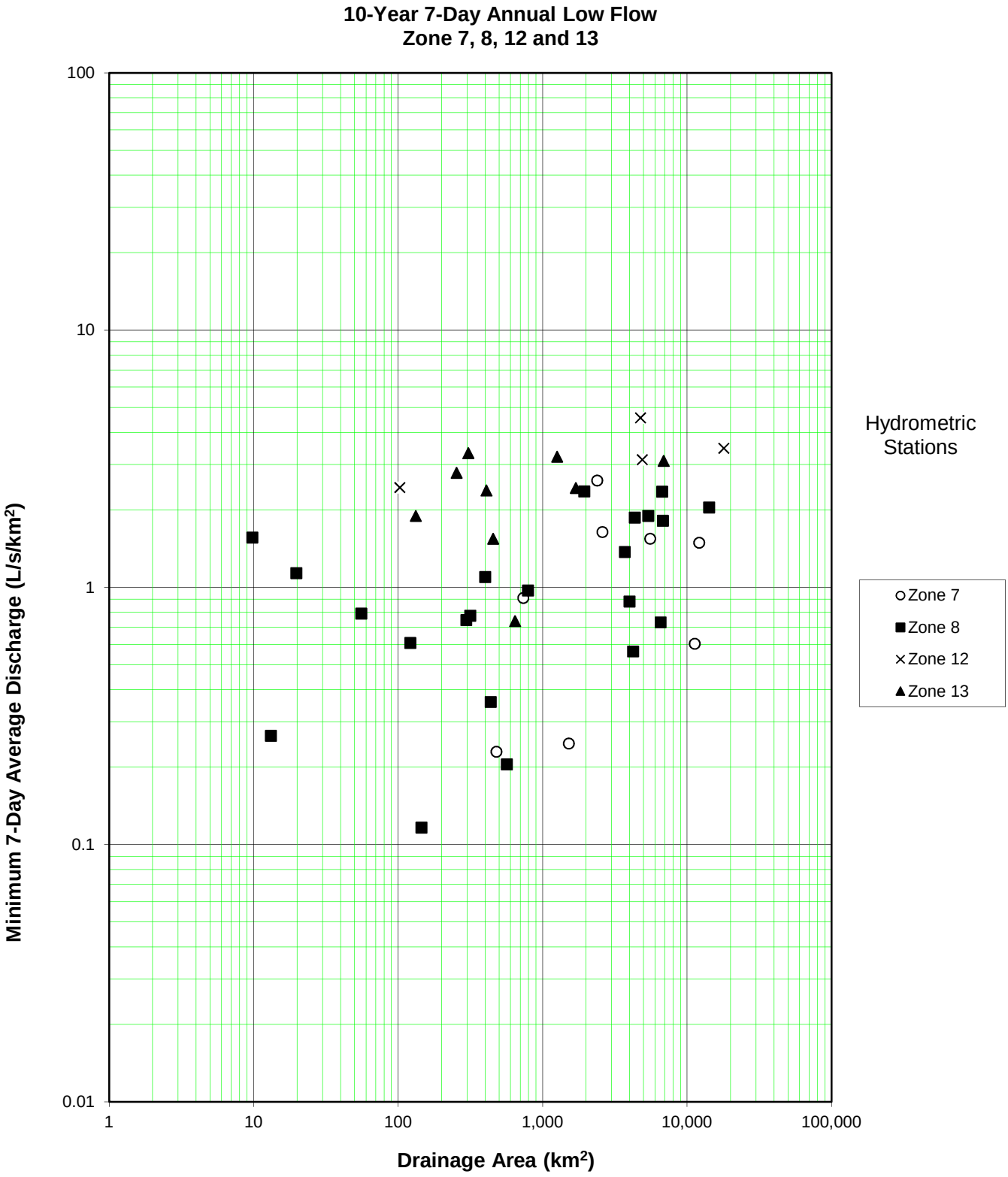


Figure 6-2 10-Year 7-Day Annual Low Flow per Unit Area vs Drainage Area (page 2 of 2)

TABLES

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Normal Annual Runoff[1]: (mm)	Normal Annual Runoff[1]: (m^3/s)	Monthly Distribution (%): Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flow Ratio 10-Year : Avg Year: High	Low	Peak Flow: 10 - Year (m^3/s)	Ratio 100-Yr:10-Yr	10-Year 7-Day Low Flow: Jun-Sep (m^3/s)	Annual (m^3/s)
3	Akie	07EA007	1683.0	1557	584	31.13	1	1	1	2	14	30	20	12	9	6	3	2	1.19	0.81	350.11	1.53	14.69	2.62
3	Beaver-Whitefish	10BD001	7306.4	991	269	62.07	2	2	2	4	26	18	14	11	8	7	4	3	1.35	0.68	801.82	1.42	27.25	10.16
3	Big Creek	10AA005	1003.2	1176	243	7.73	3	3	3	3	17	24	14	9	8	7	5	4	1.28	0.76	78.12	1.77	4.30	1.43
3	Blue	10AC004	1654.6	1260	348	18.27	2	2	2	2	11	27	20	10	9	8	4	3	1.18	0.81	196.28	1.58	11.80	1.86
3	Coal	10BC001	8973.3	1019	316	89.79	2	2	2	3	20	27	15	9	7	6	3	3	1.26	0.76	1052.37	1.28	52.83	16.34
3	Dease - mouth	10AC006	14558.7	1254	388	179.08	2	2	2	2	13	28	17	9	9	9	4	3	1.15	0.82	1338.04	1.26	98.48	25.91
3	Finlay	07EA005	15637.2	1452	531	262.92	2	1	1	2	13	30	20	10	8	6	3	2	1.14	0.85	2060.90	1.50	143.26	30.59
3	Frances	10AB001	13012.7	1164	382	157.54	2	1	1	2	11	28	18	11	10	8	4	3	1.22	0.79	972.80	1.30	106.12	17.64
3	Geddes	10BE008	76.5	712	78	0.19	5	5	5	9	16	10	12	9	9	9	7	6	1.49	0.58	1.48	1.71	0.06	0.05
3	Graham	07FA005	2138.8	1359	355	24.07	2	2	2	3	15	30	19	10	7	6	3	2	1.23	0.75	311.45	1.99	9.05	3.50
3	Grayling	10BE011	1759.2	1111	297	16.54	1	1	1	3	29	21	15	8	8	6	3	2	1.31	0.69	384.29	1.78	2.76	1.08
3	Halfway	07FA003	3764.1	1259	308	36.73	1	1	1	3	15	27	22	13	7	5	2	2	1.32	0.72	725.25	1.47	11.32	2.94
3	Halfway - Graham	07FA006	9288.3	1062	245	72.10	1	1	1	3	16	30	21	10	7	5	3	2	1.42	0.62	1610.99	2.29	21.39	6.95
3	Hyland	10AD001	9342.8	1196	445	131.65	2	1	1	2	14	32	20	10	8	6	3	2	1.23	0.78	1110.86	1.37	80.09	11.89
3	Ingenika	07EA004	4141.5	1551	451	59.24	2	2	2	2	14	33	19	9	7	6	3	2	1.16	0.83	635.17	1.59	26.68	6.83
3	Kechika - Boya	10BB002	11276.4	1433	409	146.28	2	1	2	2	10	25	22	13	9	7	4	2	1.14	0.86	840.65	1.18	100.12	18.48
3	Kechika - mouth	10BB001	22938.0	1320	340	246.87	2	2	2	2	11	26	20	12	10	8	4	2	1.13	0.85	1646.00	1.22	174.68	33.27
3	Kwadacha	07EA002	2417.2	1474	684	52.40	1	1	1	2	13	25	21	14	9	6	3	2	1.14	0.84	351.90	1.43	28.72	4.47
3	Liard - Kechika	10BE006	61277.6	1154	365	709.46	2	2	2	2	13	27	18	10	8	8	4	3	1.16	0.83	4673.02	1.25	470.03	96.11
3	Liard - Lower X	10BE001	104328.0	1151	345	1141.04	2	2	2	2	13	27	18	10	9	8	4	3	1.21	0.78	7161.40	1.23	754.05	164.25
3	Liard - Upper X	10AA001	31957.7	1166	363	367.37	2	2	2	2	14	28	17	10	9	8	4	3	1.21	0.79	2705.60	1.35	239.40	53.11
3	Mesilinka	07EC003	2948.8	1410	482	45.01	2	1	1	2	15	33	19	9	6	6	3	2	1.17	0.83	414.15	1.44	18.79	5.25
3	Ospika	07EB002	2196.1	1502	583	40.55	2	1	1	2	18	32	17	8	7	6	3	2	1.19	0.81	581.69	2.48	14.58	4.25
3	Pitman	08CA003	2730.0	1442	531	45.91	1	1	1	1	14	30	19	9	9	8	4	2	1.00	0.88	432.40	1.19	20.97	3.65
3	Rabbit - mouth	10BE012	3718.1	1305	340	40.09	2	1	2	2	12	22	21	12	10	8	4	3	1.28	0.74	408.34	1.45	22.14	3.96
3	Rancheria	10AA004	5286.3	1250	317	53.08	3	2	2	2	13	28	17	9	9	7	4	3	1.27	0.74	505.62	1.63	31.25	7.15
3	Sikanni Chief	10CB001	2181.3	1420	382	26.38	2	1	2	3	13	27	21	12	9	6	3	2	1.28	0.69	406.01	1.78	11.40	2.53
3	Stikine bl Spatsizi	08CA002	7588.3	1556	548	131.69	1	1	1	1	15	31	21	10	8	7	2	2	1.10	0.89	1232.58	1.43	59.40	10.21
3	Smith	10BE013	3874.1	864	215	26.34	5	4	5	7	13	13	13	10	9	9	6	6	1.28	0.73	109.98	1.69	18.52	9.00
3	Teeter	10BE009	210.0	1034	176	1.17	5	4	4	5	13	13	14	11	9	9	7	6	1.35	0.69	7.64	1.98	0.77	0.34
3	Toad - mouth	10BE010	6889.6	1468	490	106.91	2	1	1	2	8	22	24	17	11	7	3	2	1.22	0.79	1007.63	1.63	69.60	11.16
3	Toad - Nonda	10BE004	2540.7	1634	536	43.13	2	2	2	2	8	25	23	14	10	7	3	2	1.19	0.82	419.52	1.83	28.59	5.58
3	Trout	10BE007	1190.9	1415	437	16.50	3	3	3	3	8	22	19	12	10	8	5	4	1.23	0.78	166.23	2.68	9.71	4.58
3	Turnagain	10BA001	6629.1	1435	424	89.10	2	1	1	2	13	30	18	10	9	8	3	2	1.13	0.81	745.03	1.24	51.54	8.21
4	Adsett	10CD005	109.2	693	245	0.85	0	0	0	4	23	19	27	15	8	3	1	0	1.61	0.51	86.19	3.37	0.05	
4	Bougie	10CD004	334.2	733	248	2.62	0	0	0	4	27	22	23	13	7	3	0	0	1.45	0.61	178.20	2.44	0.04	
4	Fontas	10CA001	7514.2	598	129	30.71	0	0	1	8	25	19	19	11	7	5	2	1	1.39	0.52	558.20	1.39	3.16	0.39
4	Fort Nelson	10CC002	22632.2	670	196	140.66	1	0	1	5	21	21	20	14	9	5	2	1	1.52	0.57	2600.19	1.89	30.96	4.09
4	Liard - Beaver	10BE005	117873.8	1149	391	1458.75	2	2	2	2	13	27	19	10	9	7	4	3	1.17	0.83	8738.77	1.15	962.74	202.43
4	Muskwa	10CD001	20253.3	984	333	213.79	1	1	1	3	14	22	23	16	10	5	2	2	1.29	0.72	3586.09	1.51	91.45	10.71
4	Prophet	10CD006	7278.1	994	324	74.62	1	1	1	3	16	25	24	15	6	4	2	1	1.29	0.72	1426.05	1.27	26.56	2.67
4	Raspberry	10CD003	274.0	547	139	1.21	0	0	0	5	45	15	13	9	7	4	1	0	1.74	0.42	54.54	3.27	0.006	
6	Alces	07FD004	319.3	763	56	0.57	0	0	1	19	31	18	12	5	8	3	1	1	1.85	0.36	22.10	2.53		
6	Beatton	07FC001	15529.2	780	108	53.00	0	0	0	12	30	20	16	9	7	3	1	0	1.55	0.53	1334.86	1.53	3.03	0.14
6	Beaverlodge	07GD001	1595.5	814																	89.32	1.79		
6	Blueberry	07FC003	1774.2	828	90	5.08	0	0	0	17	31	22	14	6	6	2	1	0	1.69	0.42	340.11	2.61	0.012	0.004
6	Chinchaga	07OC001	10858.4	702	80	27.50	0	0	0	11	35	16	16	11	6	4	1	1	1.63	0.51	602.57	1.55	2.04	
6	Clear	07FD009	2921.2	704																	256.41	2.61	0.009	
6	Kiskatinaw	07FD001	3599.7	921	86	9.80	1	1	1	16	26	17	19	7	6	4	2	1	1.73	0.43	390.47	2.23	0.249	0.076
6	Pouce Coupe	07FD007	2876.4	794	59	5.36	0	0	1	26	30	12	15	5	7	3	1	1	2.02	0.21	292.53	1.67		
6	Redwillow	07GD004	1280.3	1023	135	5.49	1	1	1	13	34	16	16	4	7	4	3	1	1.63	0.51	152.37	1.91	0.144	0.027

Table 2: Omineca and Northeast Regions Streamflow Summary (page 1 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Normal Annual Runoff[1]: (mm)	Normal Annual Runoff[1]: (m^3/s)	Monthly Distribution (%): Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flow Ratio 10-Year : Avg Year: High	Low	Peak Flow: 10 - Year (m^3/s)	Ratio 100-Yr:10-Yr	10-Year 7-Day Low Flow: Jun-Sep (m^3/s)	Annual (m^3/s)
7	Carbon	07EF004	736.6	1345	525	12.25	1	1	1	2	26	36	13	4	5	5	3	2	1.44	0.62	255.06	1.96	1.60	0.669
7	Cutbank	07GB001	840.8	1138																	326.43	2.94	0.798	
7	Dickebusch	07FB004	84.8	1053	215	0.58	1	0	1	8	27	21	20	9	6	4	2	1	1.62	0.43	57.71	6.43	0.037	
7	Flatbed	07FB009	478.7	1129	270	4.09	1	1	1	10	31	22	15	7	6	4	3	2	1.43	0.61	141.51	3.09	0.179	0.110
7	Moberly	07FB008	1521.7	938	235	11.34	1	1	1	5	24	32	16	7	4	4	3	2	1.38	0.63	122.10	1.79	0.773	0.376
7	Murray - mouth	07FB002	5554.3	1162	471	82.96	2	1	2	5	22	26	15	7	6	7	4	2	1.25	0.75	959.18	1.53	23.06	8.57
7	Murray - Wolverine	07FB006	2385.4	1303	755	57.07	2	1	2	5	21	27	15	7	7	7	4	2	1.21	0.78	615.93	1.63	15.97	6.21
7	Pine	07FB001	12138.1	1125	475	182.66	2	1	2	5	25	27	13	6	5	6	4	2	1.24	0.76	2664.47	1.91	45.85	18.07
7	Quality	07FB005	26.3	1087	233	0.19	1	1	1	14	23	17	17	9	6	4	2	1	1.66	0.43	11.26	3.86		
7	Sukunka	07FB003	2591.3	1198	671	55.08	1	1	2	6	29	27	12	4	5	7	4	2	1.22	0.78	730.82	1.36	6.91	4.25
7	Wapiti	07GE001	11312.6	1007	243	87.15	1	1	2	7	22	26	17	8	6	5	3	2	1.39	0.66	2240.50	3.42	22.01	6.83
8	Babine	08EC013	6731.9	973	230	49.13	4	3	4	5	15	21	16	10	7	6	5	4	1.33	0.72	211.43	1.51	23.95	15.83
8	Buck	08EE013	566.5	1114	238	4.27	1	1	1	14	43	20	6	2	2	3	4	2	1.43	0.65	74.62	1.70	0.144	0.116
8	Chuchinka	07EE009	315.8	961	499	4.99	2	2	3	23	37	10	3	2	2	6	6	3	1.30	0.71	78.29	1.34	0.229	0.245
8	Driftwood	08JD006	400.4	1115	664	8.43	1	1	1	3	30	32	12	4	5	6	3	2	1.21	0.78	109.06	1.50	1.21	0.438
8	Goathorn	08EE008	121.7	1164	450	1.74	1	1	1	7	24	25	15	8	6	6	4	2	1.24	0.76	28.39	1.89	0.489	0.074
8	Lower Nechako	LowerNechako	13768.0		108		2	3	4	12	25	17	5	18	6	3	4	2						
8	MacIvor	08JA016	55.7	1533	490	0.86	1	1	1	3	24	31	17	8	5	5	3	2	1.24	0.77	11.01	1.30	0.169	0.044
8	Muskeg	08KC003	296.9	886	227	2.13	3	2	4	25	38	9	4	2	2	3	4	3	1.39	0.67	24.49	1.13	0.226	0.221
8	Nation-James	07ED001	4355.7	1147	401	55.41	3	2	2	3	27	33	12	5	3	3	4	3	1.26	0.75	473.93	1.33	10.62	8.13
8	Nation-Mouth	07ED003	6799.8	1097	387	83.32	2	2	2	4	29	31	11	4	3	4	4	3	1.28	0.76	722.40	1.39	13.97	12.33
8	Nautley	08JB003	6574.0	927	133	27.69	3	3	3	6	22	22	15	9	5	4	4	4	1.50	0.60	194.49	1.65	10.13	4.80
8	Nechako Reservoir	NechakoRes	14132.0		410		4	3	3	6	19	21	14	7	5	6	6	5						
8	Omineca - Osilinka	07EC002	5390.8	1281	533	91.04	2	1	1	3	22	35	15	6	5	6	3	2	1.22	0.80	840.03	1.32	24.44	10.21
8	Osilinka	07EC004	1945.2	1381	581	35.80	2	1	1	2	18	35	17	7	5	5	3	2	1.17	0.84	360.86	1.38	11.55	4.59
8	Pack-Mcleod	07EE010	3704.8	874	364	42.74	4	3	4	15	36	14	5	3	2	4	6	4	1.24	0.77	335.77	1.39	5.10	5.09
8	Pinkut	08EC004	794.6	1084	193	4.87	4	3	4	6	29	23	9	5	4	4	5	4	1.41	0.66	57.99	1.64	0.87	0.77
8	Salmon	08KC001	4231.5	826	204	27.41	2	2	4	27	35	11	4	2	2	3	5	3	1.31	0.64	312.34	1.44	2.46	2.38
8	Simpson	08EE012	13.2	1311	635	0.27	1	1	1	4	19	31	19	8	7	6	3	1	1.26	0.75	6.09	1.75	0.045	0.004
8	Station	08EE028	9.8	1495	899	0.28	1	1	1	2	14	24	21	13	9	8	3	2	1.20	0.76	5.09	2.33	0.094	0.015
8	Stellako	08JB002	4000.9	941	145	18.35	3	3	3	4	18	24	17	10	6	4	4	4	1.46	0.61	125.92	1.72	8.29	3.53
8	Stuart	08JE001	14234.7	900	285	128.71	4	3	3	4	10	18	19	13	8	6	5	5	1.28	0.74	455.51	1.33	80.66	29.10
8	Tsilcoh	08JE004	437.9	835	180	2.50	2	2	3	32	38	7	3	2	2	4	5	3	1.35	0.68	44.12	1.37	0.165	0.157
8	Two Mile	08EE025	19.7	706	197	0.12	5	4	6	11	10	8	12	11	9	9	9	7	1.30	0.66	1.11	2.16	0.047	0.022
8	Van Tine	08JA014	145.2	1252	185	0.85	1	1	2	12	31	21	12	4	4	5	4	2	1.57	0.56	20.68	1.72	0.042	0.017
12	Fraser-Hansand	08KA004	17972.8	1460	771	438.92	2	2	2	5	15	24	18	11	8	6	4	2	1.17	0.83	2555.95	1.22	218.63	62.36
12	McGregor	08KB003	4760.9	1368	1330	200.59	2	2	2	7	19	23	15	9	8	8	5	2	1.19	0.79	1589.90	1.41	81.71	21.71
12	Muller	08KB006	102.9	1352	1436	4.68	1	1	1	6	23	25	14	7	8	8	4	2	1.23	0.76	54.95	1.29	0.89	0.25
12	Parsnip	07EE007	4905.0	1101	940	146.06	2	2	2	8	26	24	9	4	5	8	6	3	1.22	0.78	1085.29	1.25	27.86	15.37
13	Canoe	08NC004	306.7	1957	1512	14.70	1	1	1	2	10	19	25	22	10	5	2	1	1.11	0.89	106.29	1.38	6.10	1.02
13	Dore	08KA001	408.7	1913	1060	13.73	1	1	1	2	13	24	24	16	9	5	3	2	1.15	0.86	127.21	1.36	5.76	0.97
13	Fraser - McBride	08KA005	6881.1	1844	884	192.82	2	1	1	3	11	24	23	16	9	6	3	2	1.13	0.88	1131.24	1.20	109.18	21.35
13	Fraser - Red Pass	08KA007	1696.9	1954	821	44.16	1	1	1	2	11	28	24	14	8	5	3	2	1.15	0.85	316.09	1.33	22.06	4.13
13	Kakwa	07GB002	3253.6	1396																	990.54	3.86	8.97	
13	McKale	08KA009	253.7	1835	1026	8.25	2	1	1	3	16	31	20	9	7	6	3	2	1.20	0.80	99.40	1.63	2.66	0.707
13	Miette	07AA001	644.7	1955	498	10.18	1	1	1	2	16	33	22	10	7	5	2	1	1.21	0.79	105.56	1.30	3.83	0.476
13	Moose	08KA008	456.0	2010	918	13.26	1	1	1	2	15	26	23	15	8	4	2	1	1.20	0.80	148.23	1.39	5.65	0.704
13	Morkill	08KA013	1263.3	1693	934	37.38	2	1	1	4	17	30	17	6	7	7	4	2	1.25	0.74	441.87	1.30	10.65	4.06
13	Muskeg - Alberta	07GA002	722.9	1490	252	5.76	2	2	2	5	16	19	19	11	8	6	4	3			129.85	3.02	1.89	
13	Smoky - Hells	07GA001	3760.0	1853	671	79.95	2	1	1	2	13	25	22	14	8	5	3	2			725.99	1.77	40.94	
13	Swift	08KA012	132.4	1956	777	3.26	1	1	1	2	16	35	21	9	5	5	2	2	1.24	0.78			0.935	0.251
13	Whirlpool	07AA009	602.0	2037																	120.44	1.43	7.98	

[1] *If n = 30, then value is considered a "normal", otherwise it is the average annual runoff for the number of years coincident with the period 1981-2010*

Note: Gaps in the table indicate that either data were not available or the metric wasn't calculated due to extreme low flows that don't match the Log Pearson Type III distribution for 7-Day Low Flow analysis

Table 2: Omineca and Northeast Regions Streamflow Summary (page 2 of 2)

Watershed		Hydro-logic Zone	Median Elev-ation	Drainage Area	Normal Annual Runoff[1]		10-Year Annual Peak Flow			Annual High Flow			Annual Low Flow			10-Year 7-Day Low Flow June-September			10-Year 7-Day Low Flow Annual		
Stream	Hydro-metric Station		(m)	(km^2)	(mm)	# years n	(m^3/s)	($L/s/km^2$)	# years n	10-yr (m^3/s)	Ratio 10-yr:Avg-yr	# years n	10-yr (m^3/s)	Ratio 10-yr:Avg-yr	# years n	(m^3/s)	($L/s/km^2$)	# years n	(m^3/s)	($L/s/km^2$)	# years n
Akie	07EA007	3	1557	1683.0	584	27	350.11	208.03	29	36.92	1.187	28	25.13	0.808	29	14.69	8.73	30	2.62	1.56	30
Beaver-Whitefish	10BD001	3	991	7306.4	269	12	801.82	109.74	16	85.05	1.353	16	43.05	0.685	16	27.25	3.73	16	10.16	1.39	16
Big Creek	10AA005	3	1176	1003.2	243	22	78.12	77.87	23	9.83	1.277	22	5.84	0.758	23	4.30	4.29	23	1.43	1.43	23
Blue	10AC004	3	1260	1654.6	348	14	196.28	118.63	33	21.48	1.178	33	14.84	0.814	31	11.800	7.13	32	1.855	1.12	32
Coal	10BC001	3	1019	8973.3	316	13	1052.37	117.28	33	122.89	1.257	31	74.14	0.758	32	52.83	5.89	33	16.34	1.82	34
Dease - mouth	10AC006	3	1254	14558.7	388	12	1338.04	91.91	12	206.62	1.154	12	146.40	0.818	12	98.48	6.76	12	25.91	1.78	12
Finlay	07EA005	3	1452	15637.2	531	30	2060.90	131.79	33	300.71	1.144	33	224.00	0.852	33	143.26	9.16	33	30.59	1.96	33
Frances	10AB001	3	1164	13012.7	382	30	972.80	74.76	49	194.81	1.218	46	126.30	0.790	47	106.12	8.16	49	17.64	1.36	49
Geddes	10BE008	3	712	76.5	78	15	1.48	19.32	16	0.28	1.490	16	0.11	0.583	17	0.06	0.80	17	0.05	0.67	17
Graham	07FA005	3	1359	2138.8	355	27	311.45	145.62	28	29.65	1.233	28	17.96	0.747	30	9.05	4.23	28	3.50	1.64	28
Grayling	10BE011	3	1111	1759.2	297	12	384.29	218.45	12	21.71	1.312	12	11.46	0.693	12	2.76	1.57	12	1.08	0.61	13
Halfway	07FA003	3	1259	3764.1	308	14	725.25	192.67	18	46.85	1.317	18	25.69	0.722	18	11.32	3.01	18	2.94	0.78	18
Halfway - Graham	07FA006	3	1062	9288.3	245	28	1610.99	173.44	28	104.07	1.424	28	45.62	0.624	28	21.39	2.30	28	6.95	0.75	28
Hyland	10AD001	3	1196	9342.8	445	11	1110.86	118.90	41	168.03	1.230	33	105.98	0.776	34	80.09	8.57	39	11.89	1.27	36
Ingenika	07EA004	3	1551	4141.5	451	30	635.17	153.37	34	67.92	1.161	34	48.44	0.828	34	26.68	6.44	34	6.83	1.65	34
Kechika - Boya	10BB002	3	1433	11276.4	409	13	840.65	74.55	28	160.25	1.136	26	120.85	0.856	27	100.12	8.88	27	18.48	1.64	27
Kechika - mouth	10BB001	3	1320	22938.0	340	8	1646.00	71.76	27	276.67	1.127	25	208.27	0.848	26	174.68	7.62	27	33.27	1.45	28
Kwadacha	07EA002	3	1474	2417.2	684	16	351.90	145.58	34	58.20	1.145	34	42.90	0.844	33	28.72	11.88	34	4.47	1.85	34
Liard - Kechika	10BE006	3	1154	61277.6	365	13	4673.02	76.26	26	820.23	1.158	26	585.27	0.826	25	470.026	7.67	26	96.113	1.57	26
Liard - Lower X	10BE001	3	1151	104328.0	345	30	7161.40	68.64	65	1378.51	1.206	55	887.00	0.776	59	754.05	7.23	65	164.25	1.57	66
Liard - Upper X	10AA001	3	1166	31957.7	363	30	2705.60	84.66	52	455.95	1.210	52	299.29	0.795	51	239.40	7.49	51	53.11	1.66	51
Mesilinka	07EC003	3	1410	2948.8	482	29	414.15	140.44	36	52.36	1.171	36	37.19	0.832	36	18.79	6.37	36	5.25	1.78	36
Ospika	07EB002	3	1502	2196.1	583	29	581.69	264.88	30	48.24	1.190	30	32.90	0.812	30	14.58	6.64	30	4.25	1.94	30
Pitman	08CA003	3	1442	2730.0	531	13	432.40	158.39	14	45.96	1.001	15	40.52	0.883	14	20.97	7.68	14	3.65	1.34	15
Rabbit - mouth	10BE012	3	1305	3718.1	340	11	408.34	109.82	11	51.42	1.282	11	29.76	0.742	11	22.135	5.95	12	3.96	1.07	13
Rancheria	10AA004	3	1250	5286.3	317	25	505.62	95.65	26	67.01	1.265	25	39.08	0.738	27	31.252	5.91	26	7.15	1.35	27
Sikanni Chief	10CB001	3	1420	2181.3	382	30	406.01	186.13	68	33.64	1.279	54	18.07	0.687	57	11.40	5.23	68	2.53	1.16	53
Stikine bl Spatsizi	08CA002	3	1556	7588.3	548	13	1232.58	162.43	14	144.62	1.099	15	117.44	0.892	14	59.40	7.83	14	10.21	1.35	15
Smith	10BE013	3	864	3874.1	215	27	109.98	28.39	27	33.77	1.284	27	19.07	0.725	28	18.52	4.78	29	9.00	2.32	29
Teeter	10BE009	3	1034	210.0	176	30	7.64	36.39	32	1.57	1.351	32	0.81	0.693	32	0.771	3.67	32	0.34	1.64	32
Toad - mouth	10BE010	3	1468	6889.6	490	12	1007.63	146.25	12	130.68	1.222	12	84.88	0.794	12	69.60	10.10	12	11.16	1.62	13
Toad - Nonda	10BE004	3	1634	2540.7	536	30	419.52	165.12	50	51.28	1.189	48	35.29	0.818	49	28.59	11.25	50	5.581	2.20	50
Trout	10BE007	3	1415	1190.9	437	30	166.23	139.58	41	20.09	1.233	40	12.64	0.776	41	9.71	8.15	41	4.58	3.84	41
Turnagain	10BA001	3	1435	6629.1	424	11	745.03	112.39	26	98.81	1.128	25	71.39	0.815	26	51.543	7.78	26	8.214	1.24	26
Adsett	10CD005	4	693	109.2	245	27	86.19	789.34	28	1.37	1.609	28	0.43	0.511	27	0.052	0.47	27			
Bougie	10CD004	4	733	334.2	248	28	178.20	533.23	29	3.80	1.451	28	1.60	0.612	29	0.039	0.12	29			
Fontas	10CA001	4	598	7514.2	129	17	558.20	74.29	19	42.58	1.386	17	16.07	0.523	18	3.162	0.42	18	0.387	0.052	19
Fort Nelson	10CC002	4	670	22632.2	196	21	2600.19	114.89	25	209.13	1.518	25	78.01	0.566	24	30.963	1.37	24	4.090	0.181	25
Liard - Beaver	10BE005	4	1149	117873.8	391	13	8738.77	74.14	26	1660.00	1.172	26	1170.56	0.827	26	962.744	8.17	26	202.434	1.72	27
Muskwa	10CD001	4	984	20253.3	333	29	3586.09	177.06	66	272.38	1.285	52	153.54	0.724	56	91.448	4.52	66	10.714	0.529	51
Prophet	10CD006	4	994	7278.1	324	7	1426.05	195.94	7	96.13	1.289	7	53.35	0.715	7	26.558	3.65	7	2.669	0.367	8
Raspberry	10CD003	4	547	274.0	139	29	54.54	199.04	32	2.08	1.736	32	0.50	0.419	31	0.006	0.022	31			
Alces	07FD004	6	763	319.3	56	26	22.10	69.22	27	1.05	1.848	27	0.21	0.363	26						
Beatton	07FC001	6	780	15529.2	108	29	1334.86	85.96	50	83.24	1.551	45	28.56	0.532	46	3.029	0.195	50	0.139	0.009	46
Beaverlodge	07GD001	6	814	1595.5			89.32	55.98	41												
Blueberry	07FC003	6	828	1774.2	90	28	340.11	191.70	45	8.91	1.695	44	2.21	0.420	45	0.012	0.007	45	0.004	0.002	45
Chinchaga	07OC001	6	702	10858.4	80	29	602.57	55.49	40	47.17	1.631	39	14.66	0.507	40	2.044	0.188	41			
Clear	07FD009	6	704	2921.2			256.41	87.78	37							0.009	0.003	38			
Kiskatinaw	07FD001	6	921	3599.7	86	30	390.47	108.47	50	18.30	1.728	48	4.53	0.427	49	0.249	0.069	46	0.076	0.021	46
Pouce Coupe	07FD007	6	794	2876.4	59	26	292.53	101.70	37	12.71	2.023	35	1.33	0.212	37						
Redwillow	07GD004	6	1023	1280.3	135	17	152.37	119.02	16	8.96	1.632	17	2.80	0.511	17	0.144	0.112	17	0.027	0.021	17

[1] *If n = 30, then value is considered a "normal", otherwise it is the average annual runoff for the number of years coincident with the period 1981-2010*

Note: Gaps in the table indicate that either data were not available or the metric wasn't calculated due to extreme low flows that don't match the Log Pearson Type III distribution for 7-Day Low Flow analysis

Table 3: Summary of Streamflow Characteristics (page 1 of 2)

Watershed		Hydro-logic	Median	Drainage	Normal Annual Runoff[1]		10-Year Annual Peak Flow			Annual High Flow			Annual Low Flow			10-Year 7-Day Low Flow June-September			10-Year 7-Day Low Flow Annual		
Stream	Hydro-metric Station	Zone	Elev-ation (m)	Area (km^2)	(mm)	# years n	(m^3/s)	($L/s/km^2$)	# years n	10-yr (m^3/s)	Ratio 10-yr:Avg-yr	# years n	10-yr (m^3/s)	Ratio 10-yr:Avg-yr	# years n	(m^3/s)	($L/s/km^2$)	# years n	(m^3/s)	($L/s/km^2$)	# years n
Carbon	07EF004	7	1345	736.6	525	13	255.06	346.3	14	19.16	1.44	13	8.18	0.62	14	1.60	2.18	14	0.67	0.908	14
Cutbank	07GB001	7	1138	840.8			326.43	388.3	39							0.80	0.95	40			
Dickebusch	07FB004	7	1053	84.8	215	28	57.71	680.2	33	0.95	1.62	32	0.25	0.43	33	0.04	0.44	33			
Flatbed	07FB009	7	1129	478.7	270	27	141.51	295.6	28	5.83	1.43	27	2.48	0.61	27	0.18	0.37	28	0.11	0.230	28
Moberly	07FB008	7	938	1521.7	235	30	122.10	80.2	32	16.10	1.38	32	7.29	0.63	32	0.77	0.51	32	0.38	0.247	32
Murray - mouth	07FB002	7	1162	5554.3	471	30	959.18	172.7	34	105.05	1.25	34	63.05	0.75	34	23.06	4.15	34	8.57	1.543	34
Murray - Wolverine	07FB006	7	1303	2385.4	755	30	615.93	258.2	34	69.19	1.21	34	44.71	0.78	34	15.97	6.69	34	6.21	2.601	34
Pine	07FB001	7	1125	12138.1	475	29	2664.47	219.5	50	233.95	1.24	50	143.42	0.76	46	45.85	3.78	50	18.07	1.488	50
Quality	07FB005	7	1087	26.3	233	18	11.26	428.1	23	0.33	1.66	23	0.09	0.43	23						
Sukunka	07FB003	7	1198	2591.3	671	29	730.82	282.0	33	66.43	1.22	33	42.49	0.78	33	6.91	2.67	33	4.25	1.641	33
Wapiti	07GE001	7	1007	11312.6	243	29	2240.50	198.1	50	132.41	1.39	50	62.72	0.66	50	22.01	1.95	50	6.83	0.603	50
Babine	08EC013	8	973	6731.9	230	30	211.43	31.4	40	66.67	1.33	40	36.36	0.72	39	23.95	3.56	39	15.83	2.352	39
Buck	08EE013	8	1114	566.5	238	29	74.62	131.7	39	6.30	1.43	38	2.84	0.65	39	0.14	0.25	39	0.12	0.205	39
Chuchinka	07EE009	8	961	315.8	499	30	78.29	247.9	36	6.58	1.30	36	3.62	0.71	36	0.23	0.72	36	0.25	0.777	36
Driftwood	08JD006	8	1115	400.4	664	27	109.06	272.3	29	10.15	1.21	29	6.51	0.78	30	1.21	3.03	30	0.44	1.095	31
Goathorn	08EE008	8	1164	121.7	450	30	28.39	233.4	50	2.19	1.24	48	1.35	0.76	50	0.49	4.02	50	0.07	0.607	51
Lower Nechako	LowerNechako	8		13768.0	108	29															
MacIvor	08JA016	8	1533	55.7	490	12	11.01	197.7	16	1.145	1.24	16	0.72	0.77	17	0.17	3.03	18	0.04	0.790	19
Muskeg	08KC003	8	886	296.9	227	16	24.49	82.5	21	2.87	1.39	21	1.38	0.67	21	0.23	0.76	21	0.22	0.745	21
Nation-James	07ED001	8	1147	4355.7	401	14	473.93	108.8	41	71.61	1.26	28	42.80	0.75	29	10.62	2.44	29	8.13	1.867	29
Nation-Mouth	07ED003	8	1097	6799.8	387	30	722.40	106.2	31	107.44	1.28	31	63.69	0.76	31	13.97	2.05	31	12.33	1.814	31
Nautley	08JB003	8	927	6574.0	133	30	194.49	29.6	59	47.31	1.50	58	18.99	0.60	58	10.13	1.54	59	4.80	0.731	59
Nechako Reservoir	NechakoRes	8		14132.0	410	30															
Omineca - Osilinka	07EC002	8	1281	5390.8	533	30	840.03	155.8	36	109.75	1.22	36	72.49	0.80	36	24.44	4.53	36	10.21	1.894	36
Osilinka	07EC004	8	1381	1945.2	581	29	360.86	185.5	30	41.99	1.17	30	30.12	0.84	30	11.55	5.94	30	4.59	2.359	30
Pack-Mcleod	07EE010	8	874	3704.8	364	29	335.77	90.6	30	52.91	1.24	30	32.73	0.77	30	5.10	1.38	30	5.09	1.373	30
Pinkut	08EC004	8	1084	794.6	193	27	57.99	73.0	47	7.26	1.41	44	3.38	0.66	46	0.87	1.10	48	0.77	0.971	49
Salmon	08KC001	8	826	4231.5	204	24	312.34	73.8	54	37.67	1.31	54	18.50	0.64	51	2.46	0.58	54	2.38	0.563	54
Simpson	08EE012	8	1311	13.2	635	29	6.09	461.0	41	0.34	1.26	35	0.20	0.75	37	0.05	3.42	40	0.00	0.265	37
Station	08EE028	8	1495	9.8	899	10	5.09	519.9	11	0.33	1.20	10	0.21	0.76	11	0.09	9.58	10	0.02	1.562	11
Stellako	08JB002	8	941	4000.9	145	29	125.92	31.5	63	30.85	1.46	60	12.94	0.61	60	8.29	2.07	61	3.53	0.881	61
Stuart	08JE001	8	900	14234.7	285	30	455.51	32.0	81	167.51	1.28	69	96.70	0.74	72	80.66	5.67	77	29.10	2.044	77
Tsilcoh	08JE004	8	835	437.9	180	28	44.12	100.8	35	3.31	1.35	34	1.66	0.68	35	0.17	0.38	35	0.16	0.358	35
Two Mile	08EE025	8	706	19.7	197	29	1.11	56.3	29	0.16	1.30	29	0.08	0.66	29	0.05	2.39	29	0.02	1.135	29
Van Tine	08JA014	8	1252	145.2	185	24	20.68	142.4	31	1.42	1.57	31	0.50	0.56	31	0.04	0.29	31	0.02	0.116	32
Fraser-Hansand	08KA004	12	1460	17972.8	771	29	2555.95	142.2	58	534.77	1.17	57	382.03	0.83	57	218.63	12.16	58	62.36	3.470	58
McGregor	08KB003	12	1368	4760.9	1330	29	1589.90	334.0	51	255.72	1.19	50	169.47	0.79	50	81.71	17.16	51	21.71	4.560	51
Muller	08KB006	12	1352	102.9	1436	26	54.95	534.0	31	5.74	1.23	30	3.54	0.76	31	0.89	8.67	32	0.25	2.442	33
Parsnip	07EE007	12	1101	4905.0	940	29	1085.29	221.3	43	179.18	1.22	43	115.36	0.78	43	27.86	5.68	44	15.37	3.134	44
Willow-Hay	08KD006	12	1071	2864.1	403	24	406.44	141.9	30	49.18	1.33	30	25.78	0.70	31	5.09	1.78	30	4.20	1.468	33
Canoe	08NC004	13	1957	306.7	1512	27	106.29	346.5	37	16.11	1.11	37	12.95	0.89	38	6.10	19.89	39	1.02	3.322	39
Dore	08KA001	13	1913	408.7	1060	30	127.21	311.3	49	16.30	1.15	45	12.16	0.86	45	5.76	14.10	45	0.97	2.378	45
Fraser - McBride	08KA005	13	1844	6881.1	884	30	1131.24	164.4	59	220.85	1.13	54	171.87	0.88	53	109.18	15.87	58	21.35	3.102	56
Fraser - Red Pass	08KA007	13	1954	1696.9	821	30	316.09	186.3	57	52.19	1.15	56	38.74	0.85	56	22.06	13.00	56	4.13	2.432	56
Kakwa	07GB002	13	1396	3253.6			990.54	304.4	18							8.97	2.76	18			
McKale	08KA009	13	1835	253.7	1026	29	99.40	391.9	39	9.87	1.20	39	6.58	0.80	39	2.66	10.47	40	0.71	2.788	40
Miette	07AA001	13	1955	644.7	498	30	105.56	163.7	46	12.69	1.21	36	8.27	0.79	36	3.83	5.94	36	0.48	0.739	36
Moose	08KA008	13	2010	456.0	918	14	148.23	325.1	41	17.26	1.20	41	11.50	0.80	38	5.65	12.40	40	0.70	1.543	40
Morkill	08KA013	13	1693	1263.3	934	14	441.87	349.8	14	47.37	1.25	14	28.07	0.74	14	10.65	8.43	14	4.06	3.217	14
Muskeg - Alberta	07GA002	13	1490	722.9	252	5	129.85	179.6	39							1.89	2.61	39			
Smoky - Hells	07GA001	13	1853	3760.0	671	5	725.99	193.1	43							40.94	10.89	42			
Swift	08KA012	13	1956	132.4	777	14				4.03	1.24	14	2.53	0.78	14	0.93	7.06	14	0.25	1.895	15
Whirlpool	07AA009	13	2037	602.0			120.44	200.1	28							7.98	13.25	27			

[1] *If n = 30, then value is considered a "normal", otherwise it is the average annual runoff for the number of years coincident with the period 1981-2010*

Note: Gaps in the table indicate that either data were not available or the metric wasn't calculated due to extreme low flows that don't match the Log Pearson Type III distribution for 7-Day Low Flow analysis

Table 3: Summary of Streamflow Characteristics (page 2 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Instantaneous Peak Flow (m^3/s) Return Period (Year): 200	100	50	25	20	10	5	2	1.25	1.01	# years n
3	Akie	07EA007	1683.0	1557	597.11	536.24	478.01	421.97	404.29	350.11	295.92	218.49	165.15	106.49	29
3	Beaver-Whitefish	10BD001	7306.4	991	1228.59	1138.12	1043.63	944.10	910.74	801.82	681.61	486.89	335.85	159.59	16
3	Big Creek	10AA005	1003.2	1176	158.76	138.01	118.64	100.51	94.91	78.12	61.99	40.38	26.77	13.52	23
3	Blue	10AC004	1654.6	1260	349.10	310.36	273.93	239.48	228.75	196.28	164.50	120.41	91.10	60.08	33
3	Coal	10BC001	8973.3	1019	1430.28	1351.55	1268.74	1180.62	1150.82	1052.37	941.03	751.51	591.43	373.55	33
3	Dease - mouth	10AC006	14558.7	1254	1765.87	1686.93	1598.17	1497.17	1461.48	1338.04	1188.53	912.49	664.62	330.81	12
3	Finlay	07EA005	15637.2	1452	3448.25	3098.40	2768.43	2455.38	2357.63	2060.90	1768.93	1360.77	1086.83	795.24	33
3	Frances	10AB001	13012.7	1164	1343.05	1263.92	1181.85	1095.79	1066.98	972.80	868.08	693.86	550.11	357.93	49
3	Geddes	10BE008	76.5	712	2.88	2.52	2.19	1.87	1.77	1.48	1.19	0.80	0.55	0.29	16
3	Graham	07FA005	2138.8	1359	747.08	620.20	510.99	416.83	389.33	311.45	243.10	161.68	116.63	78.04	28
3	Grayling	10BE011	1759.2	1111	783.86	683.71	588.63	498.12	469.85	384.29	300.96	187.99	116.96	50.13	12
3	Halfway	07FA003	3764.1	1259	1149.13	1065.02	973.60	873.67	839.41	725.25	596.13	385.21	228.38	72.41	18
3	Halfway - Graham	07FA006	9288.3	1062	4561.48	3696.58	2953.46	2316.13	2131.04	1610.99	1162.76	647.31	378.34	164.34	28
3	Hyland	10AD001	9342.8	1196	1644.13	1517.35	1393.56	1271.72	1232.68	1110.86	985.36	797.84	661.12	500.40	41
3	Ingenika	07EA004	4141.5	1551	1137.59	1007.06	886.17	773.64	738.96	635.17	535.40	400.48	313.55	225.36	34
3	Kechika - Boya	10BB002	11276.4	1433	1033.96	994.93	953.24	908.07	892.59	840.65	780.25	672.39	574.75	426.98	28
3	Kechika - mouth	10BB001	22938.0	1320	2106.49	2013.35	1913.88	1806.23	1769.39	1646.00	1503.14	1250.73	1026.61	700.14	27
3	Kwadacha	07EA002	2417.2	1474	555.90	504.90	456.60	410.40	396.00	351.90	308.20	246.60	205.00	160.90	34
3	Liard - Kechika	10BE006	61277.6	1154	6116.77	5827.44	5516.71	5178.70	5062.69	4673.02	4220.48	3420.63	2715.57	1714.58	26
3	Liard - Lower X	10BE001	104328.0	1151	9220.29	8818.07	8380.15	7897.01	7729.57	7161.40	6490.67	5278.64	4185.42	2604.41	65
3	Liard - Upper X	10AA001	31957.7	1166	3895.66	3640.75	3376.51	3099.78	3007.28	2705.60	2371.93	1823.48	1381.15	815.03	52
3	Mesilinka	07EC003	2948.8	1410	652.81	595.61	540.01	485.56	468.17	414.15	358.88	277.21	218.48	150.50	36
3	Ospika	07EB002	2196.1	1502	1882.15	1443.41	1103.74	840.77	769.44	581.69	435.60	288.34	224.21	188.68	30
3	Pitman	08CA003	2730.0	1442	533.78	515.88	495.33	471.37	462.76	432.40	394.37	320.21	248.48	140.92	14
3	Rabbit - mouth	10BE012	3718.1	1305	641.58	592.23	540.59	486.14	467.89	408.34	342.80	237.62	157.72	68.50	11
3	Rancheria	10AA004	5286.3	1250	929.41	823.31	722.71	626.85	596.85	505.62	415.74	290.39	206.92	119.35	26
3	Sikanni Chief	10CB001	2181.3	1420	832.37	723.04	620.75	524.78	495.09	406.01	320.36	205.63	133.70	64.53	68
3	Stikine bl Spatsizi	08CA002	7588.3	1556	1928.73	1760.64	1597.97	1439.39	1388.91	1232.58	1073.50	840.04	673.54	482.53	14
3	Smith	10BE013	3874.1	864	211.64	185.52	161.14	138.29	131.22	109.98	89.47	61.62	43.66	25.40	27
3	Teeter	10BE009	210.0	1034	17.84	15.11	12.62	10.35	9.66	7.64	5.77	3.40	2.03	0.85	32
3	Toad - mouth	10BE010	6889.6	1468	1859.42	1639.73	1435.29	1244.11	1185.02	1007.63	836.31	603.21	451.78	295.69	12
3	Toad - Nonda	10BE004	2540.7	1634	903.77	767.28	647.22	541.36	509.95	419.52	338.02	237.33	179.27	127.73	50
3	Trout	10BE007	1190.9	1415	587.95	445.26	334.98	249.81	226.77	166.23	119.26	71.72	50.14	35.72	41
3	Turnagain	10BA001	6629.1	1435	967.49	922.81	874.89	822.83	804.97	745.03	675.45	552.38	443.51	287.41	26
4	Adsett	10CD005	109.2	693	396.27	290.14	208.41	145.98	129.29	86.19	53.99	23.64	11.31	3.77	28
4	Bougie	10CD004	334.2	733	550.67	435.01	339.63	261.11	238.92	178.20	127.95	72.82	45.25	23.75	29
4	Fontas	10CA001	7514.2	598	824.30	776.89	722.27	658.96	636.41	558.20	464.33	300.09	171.84	46.42	19
4	Fort Nelson	10CC002	22632.2	670	5716.89	4909.96	4158.56	3458.07	3242.50	2600.19	1991.05	1196.31	719.92	295.02	25
4	Liard - Beaver	10BE005	117873.8	1149	10361.53	10091.76	9772.34	9388.28	9247.34	8738.77	8078.09	6721.79	5332.98	3120.85	26
4	Muskwa	10CD001	20253.3	984	5885.75	5400.61	4891.33	4353.52	4173.26	3586.09	2943.75	1931.71	1193.72	437.31	66
4	Prophet	10CD006	7278.1	994	1899.93	1810.53	1711.20	1599.51	1560.36	1426.05	1265.40	973.27	714.18	365.82	7
4	Raspberry	10CD003	274.0	547	243.27	178.13	128.37	90.60	80.53	54.54	35.08	16.50	8.69	3.61	32
6	Alces	07FD004	319.3	763	70.60	55.92	43.56	33.21	30.25	22.10	15.30	7.85	4.22	1.58	27
6	Beatton	07FC001	15529.2	780	2231.32	2039.07	1839.08	1629.90	1560.24	1334.86	1090.93	711.98	439.46	162.54	50
6	Beaverlodge	07GD001	1595.5	814	177.80	159.78	140.28	119.29	112.22	89.32	65.06	31.05	12.25	1.43	41
6	Blueberry	07FC003	1774.2	828	1129.28	889.39	687.94	519.66	471.76	340.11	231.15	113.78	58.22	19.57	45
6	Chinchaga	07OC001	10858.4	702	1020.27	934.58	842.99	744.75	711.53	602.57	482.71	295.59	165.07	46.39	40
6	Clear	07FD009	2921.2	704	847.29	669.50	519.05	392.47	356.27	256.41	173.36	83.70	41.51	12.84	37
6	Kiskatinaw	07FD001	3599.7	921	1042.57	869.32	709.84	563.76	519.52	390.47	273.42	133.83	62.71	14.75	50
6	Pouce Coupe	07FD007	2876.4	794	533.76	487.67	436.08	378.54	358.67	292.53	219.34	110.22	45.45	5.59	37
6	Redwillow	07GD004	1280.3	1023	339.96	290.47	244.95	203.02	190.22	152.37	116.88	71.13	43.89	19.36	16

Table 4: Frequency Distribution of Instantaneous Peak Flows (page 1 of 2)

Hydro-logic Zone	Watershed		Drainage Area (km^2)	Median Elevation (m)	Instantaneous Peak Flow (m^3/s) Return Period (Year)										# years
	Stream	Hydrometric Station			200	100	50	25	20	10	5	2	1.25	1.01	n
7	Carbon	07EF004	736.6	1345	603.36	501.04	413.49	338.47	316.64	255.06	201.37	137.99	103.47	75.01	14
7	Cutbank	07GB001	840.8	1138	1263.32	961.11	717.84	523.32	469.62	326.43	213.67	99.82	49.69	16.83	39
7	Dickebusch	07FB004	84.8	1053	613.76	371.31	220.05	126.91	105.53	57.71	29.51	9.77	4.02	1.34	33
7	Flatbed	07FB009	478.7	1129	595.12	437.05	317.46	227.30	203.33	141.51	95.06	50.03	30.45	17.20	28
7	Moberly	07FB008	1521.7	938	255.00	218.80	186.20	156.80	148.00	122.10	98.20	67.50	49.00	31.50	32
7	Murray - mouth	07FB002	5554.3	1162	1633.16	1469.56	1311.62	1158.16	1109.46	959.18	807.38	587.66	434.37	264.38	34
7	Murray - Wolverine	07FB006	2385.4	1303	1143.61	1004.39	876.67	758.97	722.95	615.93	514.29	379.18	293.94	209.50	34
7	Pine	07FB001	12138.1	1125	6087.78	5102.14	4247.29	3504.38	3286.17	2664.47	2113.65	1448.71	1075.72	754.01	50
7	Quality	07FB005	26.3	1087	62.29	43.48	29.84	20.03	17.51	11.26	6.85	2.97	1.49	0.60	23
7	Sukunka	07FB003	2591.3	1198	1068.90	992.99	916.39	838.35	812.74	730.82	642.92	503.90	395.73	259.61	33
7	Wapiti	07GE001	11312.6	1007	10791.81	7656.29	5380.50	3734.15	3308.70	2240.50	1471.15	763.46	473.63	291.30	50
8	Babine	08EC013	6731.9	973	354.31	319.03	285.33	252.93	242.72	211.43	180.16	135.48	104.66	70.64	40
8	Buck	08EE013	566.5	1114	145.98	127.08	109.77	93.87	89.01	74.62	61.01	43.03	31.76	20.61	39
8	Chuchinka	07EE009	315.8	961	112.19	105.23	97.84	89.91	87.22	78.29	68.18	51.10	37.07	19.38	36
8	Driftwood	08JD006	400.4	1115	182.33	163.57	146.04	129.57	124.46	109.06	94.09	73.56	60.14	46.48	29
8	Goathorn	08EE008	121.7	1164	63.87	53.66	44.81	37.11	34.84	28.39	22.67	15.76	11.89	8.57	50
8	Lower Nechako	LowerNechako	13768.0												
8	MacIvor	08JA016	55.7	1533	15.35	14.36	13.36	12.36	12.04	11.01	9.92	8.22	6.92	5.29	16
8	Muskeg	08KC003	296.9	886	28.15	27.63	26.96	26.09	25.75	24.49	22.71	18.74	14.38	7.40	21
8	Nation-James	07ED001	4355.7	1147	672.02	629.16	585.00	539.02	523.70	473.93	419.13	329.36	256.77	162.28	41
8	Nation-Mouth	07ED003	6799.8	1097	1089.94	1004.78	920.37	835.98	808.64	722.40	631.93	493.32	389.28	262.99	31
8	Nautley	08JB003	6574.0	927	363.18	321.69	281.90	243.56	231.47	194.49	157.72	106.02	71.63	36.29	59
8	Nechako Reservoir	NechakoRes	14132.0												
8	Omineca - Osilinka	07EC002	5390.8	1281	1186.28	1109.70	1031.78	951.69	925.24	840.03	747.49	598.41	479.59	325.40	36
8	Osilinka	07EC004	1945.2	1381	540.58	498.37	456.86	415.70	402.44	360.86	317.65	252.25	203.81	145.70	30
8	Pack-Mcleod	07EE010	3704.8	874	507.18	465.46	425.27	386.29	373.92	335.77	297.19	241.13	201.74	157.71	30
8	Pinkut	08EC004	794.6	1084	107.20	95.28	83.73	72.51	68.95	57.99	46.99	31.36	20.87	10.11	47
8	Salmon	08KC001	4231.5	826	493.41	450.72	408.81	367.35	354.03	312.34	269.23	204.58	157.38	102.04	54
8	Simpson	08EE012	13.2	1311	12.31	10.66	9.15	7.77	7.34	6.09	4.91	3.36	2.39	1.44	41
8	Station	08EE028	9.8	1495	15.13	11.87	9.28	7.21	6.63	5.09	3.85	2.55	1.93	1.53	11
8	Stellako	08JB002	4000.9	941	247.20	216.57	187.66	160.26	151.73	125.92	100.78	66.43	44.31	22.32	63
8	Stuart	08JE001	14234.7	900	645.70	603.86	561.16	517.12	502.55	455.51	404.25	321.34	255.06	169.07	81
8	Tsilcoh	08JE004	437.9	835	64.93	60.55	55.95	51.10	49.47	44.12	38.17	28.35	20.50	10.80	35
8	Two Mile	08EE025	19.7	706	2.90	2.40	1.95	1.56	1.44	1.11	0.82	0.47	0.28	0.12	29
8	Van Tine	08JA014	145.2	1252	40.14	35.51	30.97	26.51	25.08	20.68	16.26	10.03	6.00	2.25	31
12	Fraser-Hansand	08KA004	17972.8	1460	3259.24	3110.32	2955.22	2791.71	2736.73	2555.95	2352.70	2007.09	1711.47	1290.63	58
12	McGregor	08KB003	4760.9	1368	2449.92	2237.62	2034.83	1839.82	1778.35	1589.90	1401.45	1132.08	946.86	746.08	51
12	Muller	08KB006	102.9	1352	75.05	70.73	66.26	61.59	60.03	54.95	49.31	39.95	32.22	21.82	31
12	Parsnip	07EE007	4905.0	1101	1430.00	1355.60	1278.91	1198.94	1172.26	1085.29	988.92	828.64	695.30	511.92	43
13	Canoe	08NC004	306.7	1957	160.57	146.18	132.99	120.87	117.17	106.29	96.19	83.66	77.11	73.33	37
13	Dore	08KA001	408.7	1913	187.15	172.91	159.01	145.31	140.92	127.21	113.08	91.93	76.49	58.32	49
13	Fraser - McBride	08KA005	6881.1	1844	1426.58	1363.09	1297.52	1228.98	1206.08	1131.24	1047.95	908.33	790.69	625.51	59
13	Fraser - Red Pass	08KA007	1696.9	1954	453.59	420.44	388.33	356.99	347.01	316.09	284.61	238.50	205.90	169.63	57
13	Kakwa	07GB002	3253.6	1396	5595.90	3819.24	2584.25	1728.79	1514.26	990.54	630.02	316.40	195.98	125.87	18
13	McKale	08KA009	253.7	1835	185.36	161.53	140.34	121.44	115.79	99.40	84.49	66.01	55.63	47.56	39
13	Miette	07AA001	644.7	1955	146.57	137.34	128.04	118.58	115.48	105.56	94.91	78.00	64.71	47.59	46
13	Moose	08KA008	456.0	2010	224.10	206.61	189.22	171.78	166.12	148.23	129.39	100.40	78.55	51.97	41
13	Morkill	08KA013	1263.3	1693	610.63	576.03	539.30	499.85	486.43	441.87	391.11	304.20	230.96	133.62	14
13	Muskeg - Alberta	07GA002	722.9	1490	526.86	392.34	288.23	208.00	186.36	129.85	86.58	43.83	24.96	11.96	39
13	Smoky - Hells	07GA001	3760.0	1853	1510.32	1286.05	1090.66	920.03	869.74	725.99	598.09	443.62	358.56	291.43	43
13	Swift	08KA012	132.4	1956											
13	Whirlpool	07AA009	602.0	2037	190.25	172.46	155.79	140.07	135.19	120.44	106.07	86.36	73.61	61.13	28

Note: Gaps in the table indicate that matric wasn't calculated due to unavailability of data

Table 4: Frequency Distribution of Instantaneous Peak Flows (page 2 of 2)

Hydro-logic Zone	Watershed Stream	Watershed Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual Mean Flow (m^3/s) Return Period (Year) 200	100	50	25	20	10	5	2	1.25	1.01	# years n
3	Akie	07EA007	1683.0	1557	42.66	41.58	40.38	39.03	38.56	36.92	34.92	31.08	27.29	20.96	28
3	Beaver-Whitefish	10BD001	7306.4	991	115.18	108.86	102.24	95.22	92.85	85.05	76.25	61.34	48.76	31.59	16
3	Big Creek	10AA005	1003.2	1176	13.96	12.98	12.02	11.08	10.78	9.83	8.86	7.42	6.37	5.15	22
3	Blue	10AC004	1654.6	1260	24.65	24.07	23.42	22.67	22.41	21.48	20.32	18.03	15.72	11.79	33
3	Coal	10BC001	8973.3	1019	155.98	149.07	141.82	134.11	131.51	122.89	113.11	96.26	81.63	60.49	31
3	Dease - mouth	10AC006	14558.7	1254	217.48	216.20	214.41	211.87	210.84	206.62	200.07	182.87	160.03	111.85	12
3	Finlay	07EA005	15637.2	1452	332.58	326.91	320.46	312.95	310.26	300.71	288.59	263.95	237.93	190.76	33
3	Frances	10AB001	13012.7	1164	234.67	226.75	218.22	208.90	205.68	194.81	182.03	158.78	137.25	103.76	46
3	Geddes	10BE008	76.5	712	0.48	0.43	0.39	0.34	0.33	0.28	0.24	0.18	0.13	0.08	16
3	Graham	07FA005	2138.8	1359	32.88	32.42	31.83	31.07	30.77	29.65	28.08	24.45	20.25	12.67	28
3	Grayling	10BE011	1759.2	1111	26.09	25.33	24.46	23.42	23.05	21.71	20.00	16.59	13.17	7.81	12
3	Halfway	07FA003	3764.1	1259	63.71	60.03	56.26	52.35	51.05	46.85	42.22	34.65	28.46	20.18	18
3	Halfway - Graham	07FA006	9288.3	1062	146.61	137.74	128.41	118.49	115.13	104.07	91.62	70.65	53.32	30.72	28
3	Hyland	10AD001	9342.8	1196	204.36	197.12	189.33	180.83	177.91	168.03	156.43	135.45	116.16	86.44	33
3	Ingenika	07EA004	4141.5	1551	74.53	73.45	72.17	70.61	70.03	67.92	65.10	59.01	52.19	39.36	34
3	Kechika - Boya	10BB002	11276.4	1433	177.89	174.64	171.00	166.85	165.38	160.25	153.89	141.35	128.52	105.85	26
3	Kechika - mouth	10BB001	22938.0	1320	294.53	291.88	288.57	284.35	282.74	276.67	268.14	248.34	224.42	175.58	25
3	Kwadacha	07EA002	2417.2	1474	63.90	63.00	61.80	60.50	60.00	58.20	55.90	51.00	45.50	35.40	34
3	Liard - Kechika	10BE006	61277.6	1154	897.33	885.19	870.47	852.26	845.44	820.23	786.07	710.52	624.37	460.71	26
3	Liard - Lower X	10BE001	104328.0	1151	1609.05	1565.90	1517.93	1463.76	1444.66	1378.51	1297.56	1142.02	988.89	735.64	55
3	Liard - Upper X	10AA001	31957.7	1166	547.65	529.45	509.84	488.38	480.98	455.95	426.46	372.78	322.97	245.22	52
3	Mesilinka	07EC003	2948.8	1410	62.00	60.02	57.93	55.68	54.91	52.36	49.41	44.18	39.47	32.26	36
3	Ospika	07EB002	2196.1	1502	55.73	54.33	52.77	51.02	50.39	48.24	45.61	40.52	35.48	27.03	30
3	Pitman	08CA003	2730.0	1442	53.29	52.71	51.70	50.67	49.24	45.96	42.03	39.77	37.81	33.98	15
3	Rabbit - mouth	10BE012	3718.1	1305	65.58	62.68	59.60	56.30	55.17	51.42	47.11	39.55	32.90	23.21	11
3	Rancheria	10AA004	5286.3	1250	86.92	82.65	78.24	73.62	72.07	67.01	61.38	51.93	43.98	32.89	25
3	Sikanni Chief	10CB001	2181.3	1420	44.46	42.18	39.80	37.28	36.44	33.64	30.49	25.14	20.60	14.25	54
3	Stikine bl Spatsizi	08CA002	7588.3	1556	155.19	153.39	151.29	148.80	147.89	144.62	140.36	131.32	121.29	101.90	15
3	Smith	10BE013	3874.1	864	45.64	42.99	40.31	37.57	36.67	33.77	30.63	25.59	21.56	16.27	27
3	Teeter	10BE009	210.0	1034	2.20	2.06	1.92	1.77	1.73	1.57	1.40	1.13	0.90	0.61	32
3	Toad - mouth	10BE010	6889.6	1468	159.55	153.67	147.42	140.68	138.38	130.68	121.77	105.96	91.73	70.19	12
3	Toad - Nonda	10BE004	2540.7	1634	60.71	58.82	56.80	54.60	53.84	51.28	48.29	42.86	37.84	29.96	48
3	Trout	10BE007	1190.9	1415	24.49	23.61	22.67	21.64	21.29	20.09	18.69	16.16	13.84	10.27	40
3	Turnagain	10BA001	6629.1	1435	101.58	101.34	100.95	100.33	100.05	98.81	96.63	89.91	79.73	56.02	25
4	Adsett	10CD005	109.2	693	2.70	2.36	2.04	1.74	1.64	1.37	1.10	0.74	0.51	0.28	28
4	Bougie	10CD004	334.2	733	5.90	5.42	4.94	4.46	4.30	3.80	3.28	2.48	1.88	1.17	28
4	Fontas	10CA001	7514.2	598	46.85	46.43	45.79	44.80	44.38	42.58	39.64	31.81	22.32	8.09	17
4	Fort Nelson	10CC002	22632.2	670	366.71	328.20	291.16	255.33	243.99	209.13	174.15	124.03	89.59	52.19	25
4	Liard - Beaver	10BE005	117873.8	1149	1882.41	1841.76	1796.04	1743.73	1725.12	1660.00	1578.89	1418.80	1255.65	973.15	26
4	Muskwa	10CD001	20253.3	984	364.33	344.14	323.53	302.25	295.19	272.38	247.41	206.62	173.40	128.81	52
4	Prophet	10CD006	7278.1	994	113.91	110.87	107.32	103.12	101.59	96.13	89.14	75.00	60.64	37.48	7
4	Raspberry	10CD003	274.0	547	4.35	3.77	3.23	2.72	2.56	2.08	1.62	1.01	0.63	0.27	32
6	Alces	07FD004	319.3	763	2.72	2.25	1.84	1.47	1.36	1.05	0.78	0.44	0.26	0.11	27
6	Beatton	07FC001	15529.2	780	132.22	121.38	110.33	98.98	95.24	83.24	70.35	50.19	35.06	17.65	45
6	Beaverlodge	07GD001	1595.5	814											
6	Blueberry	07FC003	1774.2	828	14.30	13.19	12.01	10.74	10.31	8.91	7.34	4.84	2.98	1.06	44
6	Chinchaga	07OC001	10858.4	702	89.53	78.92	68.86	59.28	56.28	47.17	38.22	25.83	17.70	9.38	39
6	Clear	07FD009	2921.2	704											
6	Kiskatinaw	07FD001	3599.7	921	34.59	30.69	26.89	23.16	21.97	18.30	14.59	9.34	5.87	2.47	48
6	Pouce Coupe	07FD007	2876.4	794	22.43	20.55	18.46	16.15	15.35	12.71	9.78	5.29	2.44	0.41	35
6	Redwillow	07GD004	1280.3	1023	16.91	14.92	13.03	11.24	10.67	8.96	7.27	4.93	3.39	1.81	17

Table 5: High Flow Frequency Distribution of Annual Mean Flows (page 1 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual Mean Flow (m^3/s) Return Period (Year): 200	100	50	25	20	10	5	2	1.25	1.01	# years n
7	Carbon	07EF004	736.6	1345	31.92	28.76	25.75	22.86	21.95	19.16	16.37	12.40	9.66	6.64	13
7	Cutbank	07GB001	840.8	1138											
7	Dickebusch	07FB004	84.8	1053	1.34	1.27	1.19	1.10	1.07	0.95	0.81	0.56	0.35	0.12	32
7	Flatbed	07FB009	478.7	1129	7.74	7.38	6.98	6.53	6.37	5.83	5.19	4.01	2.96	1.54	27
7	Moberly	07FB008	1521.7	938	25.10	22.90	20.80	18.70	18.10	16.10	14.10	11.20	9.20	6.90	32
7	Murray - mouth	07FB002	5554.3	1162	124.57	121.03	117.03	112.43	110.79	105.05	97.90	83.93	70.06	47.52	34
7	Murray - Wolverine	07FB006	2385.4	1303	77.25	75.97	74.43	72.52	71.81	69.19	65.65	57.94	49.36	33.82	34
7	Pine	07FB001	12138.1	1125	289.62	278.67	266.80	253.76	249.25	233.95	215.89	183.01	152.75	106.75	50
7	Quality	07FB005	26.3	1087	0.56	0.51	0.46	0.40	0.38	0.33	0.26	0.17	0.11	0.04	23
7	Sukunka	07FB003	2591.3	1198	76.08	74.41	72.48	70.21	69.38	66.43	62.63	54.87	46.75	32.74	33
7	Wapiti	07GE001	11312.6	1007	191.51	178.43	165.13	151.45	146.94	132.41	116.65	91.38	71.42	45.96	50
8	Babine	08EC013	6731.9	973	100.53	92.37	84.46	76.75	74.29	66.67	58.91	47.51	39.36	30.04	40
8	Buck	08EE013	566.5	1114	11.15	9.88	8.71	7.63	7.29	6.30	5.34	4.06	3.24	2.42	38
8	Chuchinka	07EE009	315.8	961	8.16	7.86	7.53	7.16	7.03	6.58	6.04	5.03	4.08	2.64	36
8	Driftwood	08JD006	400.4	1115	12.47	11.98	11.47	10.93	10.75	10.15	9.48	8.32	7.31	5.85	29
8	Goathorn	08EE008	121.7	1164	2.69	2.59	2.48	2.37	2.33	2.19	2.04	1.75	1.49	1.09	48
8	Lower Nechako	LowerNechako	13768.0												
8	MacIvor	08JA016	55.7	1533	1.62	1.50	1.39	1.28	1.25	1.15	1.04	0.89	0.79	0.68	16
8	Muskeg	08KC003	296.9	886	4.27	3.95	3.63	3.31	3.20	2.87	2.52	1.97	1.56	1.05	21
8	Nation-James	07ED001	4355.7	1147	89.34	85.75	81.92	77.78	76.36	71.61	66.09	56.29	47.48	34.33	28
8	Nation-Mouth	07ED003	6799.8	1097	143.16	135.29	127.27	119.01	116.27	107.44	97.80	82.11	69.38	52.34	31
8	Nautley	08JB003	6574.0	927	85.60	75.80	66.64	58.03	55.36	47.31	39.49	28.75	21.70	14.34	58
8	Nechako Reservoir	NechakoRes	14132.0												
8	Omineca - Osilinka	07EC002	5390.8	1281	135.93	130.41	124.64	118.56	116.51	109.75	102.12	89.07	77.77	61.42	36
8	Osilinka	07EC004	1945.2	1381	50.30	48.55	46.72	44.79	44.14	41.99	39.57	35.42	31.82	26.55	30
8	Pack-Mcleod	07EE010	3704.8	874	62.80	60.96	58.91	56.59	55.76	52.91	49.40	42.66	36.06	25.36	30
8	Pinkut	08EC004	794.6	1084	12.36	11.06	9.84	8.69	8.34	7.26	6.22	4.78	3.83	2.85	44
8	Salmon	08KC001	4231.5	826	49.44	47.17	44.68	41.91	40.95	37.67	33.79	26.79	20.53	11.76	54
8	Simpson	08EE012	13.2	1311	0.44	0.41	0.39	0.37	0.36	0.34	0.31	0.26	0.22	0.17	35
8	Station	08EE028	9.8	1495	0.43	0.41	0.38	0.36	0.36	0.33	0.31	0.28	0.25	0.23	10
8	Stellako	08JB002	4000.9	941	51.99	46.80	41.83	37.03	35.51	30.85	26.18	19.46	14.80	9.64	60
8	Stuart	08JE001	14234.7	900	215.25	205.29	194.83	183.71	179.95	167.51	153.38	129.06	108.00	77.81	69
8	Tsilcoh	08JE004	437.9	835	4.45	4.21	3.97	3.70	3.61	3.31	2.97	2.39	1.90	1.22	34
8	Two Mile	08EE025	19.7	706	0.18	0.18	0.17	0.17	0.17	0.16	0.15	0.13	0.10	0.05	29
8	Van Tine	08JA014	145.2	1252	2.66	2.34	2.05	1.77	1.68	1.42	1.17	0.82	0.59	0.36	31
12	Fraser-Hansand	08KA004	17972.8	1460	610.36	596.10	580.32	562.58	556.34	534.77	508.45	457.88	407.76	323.02	57
12	McGregor	08KB003	4760.9	1368	290.07	284.02	277.07	268.98	266.06	255.72	242.58	215.97	188.24	139.73	50
12	Muller	08KB006	102.9	1352	6.66	6.50	6.31	6.09	6.01	5.74	5.38	4.68	3.96	2.75	30
12	Parsnip	07EE007	4905.0	1101	207.43	202.37	196.61	189.96	187.57	179.18	168.64	147.68	126.37	90.36	43
13	Canoe	08NC004	306.7	1957	17.63	17.34	17.03	16.67	16.54	16.11	15.58	14.56	13.53	11.73	37
13	Dore	08KA001	408.7	1913	19.46	18.78	18.07	17.34	17.10	16.30	15.42	13.96	12.75	11.08	45
13	Fraser - McBride	08KA005	6881.1	1844	248.12	242.75	236.94	230.56	228.35	220.85	211.93	195.40	179.59	153.55	54
13	Fraser - Red Pass	08KA007	1696.9	1954	59.33	57.95	56.44	54.76	54.18	52.19	49.80	45.30	40.95	33.71	56
13	Kakwa	07GB002	3253.6	1396											
13	McKale	08KA009	253.7	1835	11.20	10.97	10.70	10.39	10.28	9.87	9.35	8.29	7.17	5.20	39
13	Miette	07AA001	644.7	1955	16.77	15.84	14.91	13.97	13.66	12.69	11.66	10.04	8.80	7.24	36
13	Moose	08KA008	456.0	2010	21.47	20.59	19.66	18.68	18.35	17.26	16.03	13.91	12.07	9.40	41
13	Morkill	08KA013	1263.3	1693	54.70	53.48	52.04	50.31	49.67	47.37	44.37	38.10	31.50	20.35	14
13	Muskeg - Alberta	07GA002	722.9	1490											
13	Smoky - Hells	07GA001	3760.0	1853											
13	Swift	08KA012	132.4	1956	4.85	4.69	4.52	4.32	4.26	4.03	3.75	3.24	2.76	2.01	14
13	Whirlpool	07AA009	602.0	2037											

Note: Gaps in the table indicate that matric wasn't calculated due to unavailability of data

Table 5: High Flow Frequency Distribution of Annual Mean Flows (page 2 of 2)

Hydro-logic Zone	Watershed Stream	Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual Mean Flow (m^3/s) Return Period (Year) 200	100	50	25	20	10	5	2	1.25	1.01	# years n
3	Akie	07EA007	1683.0	1557	19.74	20.74	21.85	23.12	23.56	25.13	27.07	30.87	34.75	41.52	29
3	Beaver-Whitefish	10BD001	7306.4	991	29.26	31.59	34.31	37.55	38.74	43.05	48.76	61.34	76.25	108.86	16
3	Big Creek	10AA005	1003.2	1176	4.90	5.04	5.22	5.45	5.53	5.84	6.28	7.33	8.79	12.92	23
3	Blue	10AC004	1654.6	1260	11.56	12.17	12.85	13.62	13.90	14.84	16.01	18.25	20.47	24.13	31
3	Coal	10BC001	8973.3	1019	57.02	60.01	63.44	67.46	68.92	74.14	80.93	95.51	112.39	148.75	32
3	Dease - mouth	10AC006	14558.7	1254	103.58	111.85	120.96	131.08	134.58	146.40	160.03	182.87	200.07	216.20	12
3	Finlay	07EA005	15637.2	1452	182.90	190.76	199.41	209.06	212.43	224.00	237.93	263.95	288.59	326.91	33
3	Frances	10AB001	13012.7	1164	98.76	103.71	109.32	115.79	118.11	126.30	136.70	158.05	181.27	226.49	47
3	Geddes	10BE008	76.5	712	0.075	0.080	0.087	0.096	0.099	0.111	0.129	0.172	0.236	0.429	17
3	Graham	07FA005	2138.8	1359	11.50	12.67	14.01	15.53	16.08	17.96	20.25	24.45	28.08	32.42	30
3	Grayling	10BE011	1759.2	1111	7.04	7.81	8.70	9.74	10.12	11.46	13.17	16.59	20.00	25.33	12
3	Halfway	07FA003	3764.1	1259	19.05	20.18	21.49	23.05	23.62	25.69	28.46	34.65	42.22	60.03	18
3	Halfway - Graham	07FA006	9288.3	1062	27.80	30.72	34.17	38.36	39.92	45.62	53.32	70.65	91.62	137.74	28
3	Hyland	10AD001	9342.8	1196	81.48	85.86	90.84	96.59	98.66	105.98	115.30	134.54	155.58	196.79	34
3	Ingenika	07EA004	4141.5	1551	37.21	39.36	41.73	44.37	45.29	48.44	52.19	59.01	65.10	73.45	34
3	Kechika - Boya	10BB002	11276.4	1433	101.11	104.86	109.00	113.63	115.26	120.85	127.66	140.62	153.32	174.45	27
3	Kechika - mouth	10BB001	22938.0	1320	163.30	172.13	181.75	192.32	195.97	208.27	222.55	247.25	267.63	291.73	26
3	Kwadacha	07EA002	2417.2	1474	34.09	35.78	37.64	39.71	40.44	42.90	45.83	51.19	56.06	63.01	33
3	Liard - Kechika	10BE006	61277.6	1154	445.56	472.33	501.81	534.69	546.16	585.27	631.70	715.34	788.80	885.99	25
3	Liard - Lower X	10BE001	104328.0	1151	666.81	707.09	752.37	804.16	822.58	887.00	967.15	1125.13	1285.59	1561.18	59
3	Liard - Upper X	10AA001	31957.7	1166	233.02	245.01	258.55	274.12	279.69	299.29	324.04	374.31	428.10	529.97	51
3	Mesilinka	07EC003	2948.8	1410	31.18	32.26	33.49	34.90	35.41	37.19	39.47	44.18	49.41	60.02	36
3	Ospika	07EB002	2196.1	1502	25.70	27.03	28.52	30.21	30.81	32.90	35.48	40.52	45.61	54.33	30
3	Pitman	08CA003	2730.0	1442	33.75	35.09	36.55	38.14	38.69	40.52	42.64	46.33	49.43	53.34	14
3	Rabbit - mouth	10BE012	3718.1	1305	21.83	23.21	24.80	26.67	27.35	29.76	32.90	39.55	47.11	62.68	11
3	Rancheria	10AA004	5286.3	1250	29.90	31.48	33.31	35.47	36.25	39.08	42.79	50.91	60.55	82.17	27
3	Sikanni Chief	10CB001	2181.3	1420	12.93	13.81	14.83	16.04	16.48	18.07	20.16	24.74	30.14	42.00	57
3	Stikine bl Spatsizi	08CA002	7588.3	1556	101.05	104.27	107.77	111.61	112.94	117.44	122.74	132.31	140.96	153.59	14
3	Smith	10BE013	3874.1	864	14.67	15.41	16.28	17.31	17.69	19.07	20.93	25.12	30.34	43.04	28
3	Teeter	10BE009	210.0	1034	0.575	0.614	0.659	0.713	0.733	0.806	0.905	1.13	1.40	2.06	32
3	Toad - mouth	10BE010	6889.6	1468	66.99	70.19	73.82	78.02	79.53	84.88	91.73	105.96	121.77	153.67	12
3	Toad - Nonda	10BE004	2540.7	1634	28.79	29.97	31.30	32.82	33.37	35.29	37.72	42.70	48.12	58.76	49
3	Trout	10BE007	1190.9	1415	9.71	10.24	10.83	11.52	11.77	12.64	13.76	16.07	18.60	23.58	41
3	Turnagain	10BA001	6629.1	1435	48.56	53.01	57.90	63.31	65.17	71.39	78.39	89.37	96.53	101.32	26
4	Adsett	10CD005	109.2	693	0.262	0.288	0.319	0.359	0.375	0.434	0.521	0.754	1.117	2.372	27
4	Bougie	10CD004	334.2	733	1.06	1.15	1.25	1.38	1.43	1.60	1.85	2.44	3.24	5.40	29
4	Fontas	10CA001	7514.2	598	5.29	6.80	8.77	11.34	12.34	16.07	21.12	31.17	39.49	46.39	18
4	Fort Nelson	10CC002	22632.2	670	49.35	53.78	59.14	65.84	68.39	78.01	91.79	126.57	176.92	330.39	24
4	Liard - Beaver	10BE005	117873.8	1149	927.58	973.15	1023.75	1080.84	1100.95	1170.56	1255.65	1418.80	1578.89	1841.76	26
4	Muskwa	10CD001	20253.3	984	117.13	123.32	130.51	139.05	142.18	153.54	168.67	202.46	243.92	341.97	56
4	Prophet	10CD006	7278.1	994	34.09	37.48	41.38	45.93	47.57	53.35	60.64	75.00	89.14	110.87	7
4	Raspberry	10CD003	274.0	547	0.243	0.279	0.326	0.386	0.410	0.502	0.643	1.032	1.65	3.80	31
6	Alces	07FD004	319.3	763	0.099	0.114	0.133	0.157	0.167	0.207	0.269	0.456	0.795	2.278	26
6	Beatton	07FC001	15529.2	780	15.62	17.61	20.04	23.08	24.23	28.56	34.70	49.61	69.62	121.03	46
6	Beaverlodge	07GD001	1595.5	814											
6	Blueberry	07FC003	1774.2	828	0.86	1.05	1.28	1.60	1.72	2.21	2.93	4.76	7.26	13.15	45
6	Chinchaga	07OC001	10858.4	702	8.64	9.54	10.65	12.05	12.59	14.66	17.69	25.67	37.87	78.35	40
6	Clear	07FD009	2921.2	704											
6	Kiskatinaw	07FD001	3599.7	921	2.13	2.47	2.90	3.46	3.68	4.53	5.80	9.21	14.40	30.58	49
6	Pouce Coupe	07FD007	2876.4	794	0.222	0.326	0.485	0.736	0.846	1.332	2.20	4.98	9.48	20.38	37
6	Redwillow	07GD004	1280.3	1023	1.63	1.81	2.02	2.30	2.40	2.80	3.39	4.93	7.27	14.92	17

Table 6: Low Flow Frequency Distribution of Annual Mean Flows (page 1 of 2)

Hydro-logic Zone	Watershed Stream	Watershed Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual Mean Flow (m^3/s) Return Period (Year) 200	100	50	25	20	10	5	2	1.25	1.01	# years n
7	Carbon	07EF004	736.6	1345	5.87	6.23	6.67	7.21	7.41	8.18	9.28	12.03	16.03	28.44	14
7	Cutbank	07GB001	840.8	1138											
7	Dickebusch	07FB004	84.8	1053	0.09	0.11	0.14	0.18	0.20	0.25	0.34	0.55	0.80	1.27	33
7	Flatbed	07FB009	478.7	1129	1.36	1.54	1.76	2.02	2.12	2.48	2.96	4.01	5.19	7.38	27
7	Moberly	07FB008	1521.7	938	3.89	4.45	5.11	5.92	6.21	7.29	8.70	11.63	14.62	19.29	32
7	Murray - mouth	07FB002	5554.3	1162	44.12	47.52	51.39	55.85	57.44	63.05	70.06	83.93	97.90	121.03	34
7	Murray - Wolverine	07FB006	2385.4	1303	31.34	33.82	36.60	39.75	40.86	44.71	49.36	57.94	65.65	75.97	34
7	Pine	07FB001	12138.1	1125	106.21	112.83	120.37	129.12	132.27	143.42	157.65	186.98	218.84	280.04	46
7	Quality	07FB005	26.3	1087	0.038	0.045	0.053	0.064	0.069	0.085	0.110	0.174	0.265	0.511	23
7	Sukunka	07FB003	2591.3	1198	30.54	32.74	35.21	38.03	39.02	42.49	46.75	54.87	62.63	74.41	33
7	Wapiti	07GE001	11312.6	1007	42.65	45.96	49.87	54.58	56.32	62.72	71.42	91.38	116.65	178.43	50
8	Babine	08EC013	6731.9	973	29.18	30.32	31.68	33.36	34.00	36.36	39.70	47.87	59.28	92.66	39
8	Buck	08EE013	566.5	1114	2.24	2.33	2.44	2.58	2.63	2.84	3.15	3.98	5.27	9.79	39
8	Chuchinka	07EE009	315.8	961	2.43	2.64	2.88	3.16	3.26	3.62	4.08	5.03	6.04	7.86	36
8	Driftwood	08JD006	400.4	1115	4.90	5.19	5.52	5.90	6.04	6.51	7.10	8.29	9.51	11.69	30
8	Goathorn	08EE008	121.7	1164	1.02	1.08	1.14	1.22	1.25	1.35	1.47	1.73	2.02	2.58	50
8	Lower Nechako	LowerNechako	13768.0												
8	MacIvor	08JA016	55.7	1533	0.631	0.643	0.659	0.679	0.687	0.716	0.759	0.866	1.02	1.48	17
8	Muskeg	08KC003	296.9	886	0.980	1.05	1.12	1.22	1.25	1.38	1.56	1.97	2.52	3.95	21
8	Nation-James	07ED001	4355.7	1147	32.03	33.93	36.10	38.63	39.55	42.80	46.99	55.79	65.64	85.56	29
8	Nation-Mouth	07ED003	6799.8	1097	50.02	52.34	55.04	58.25	59.43	63.69	69.38	82.11	97.80	135.29	31
8	Nautley	08JB003	6574.0	927	13.50	14.34	15.35	16.64	17.12	18.99	21.70	28.75	39.49	75.80	58
8	Nechako Reservoir	NechakoRes	14132.0												
8	Omineca - Osilinka	07EC002	5390.8	1281	59.05	61.42	64.12	67.27	68.41	72.49	77.77	89.07	102.12	130.41	36
8	Osilinka	07EC004	1945.2	1381	25.78	26.55	27.43	28.44	28.81	30.12	31.82	35.42	39.57	48.55	30
8	Pack-Mcleod	07EE010	3704.8	874	23.73	25.36	27.20	29.32	30.07	32.73	36.06	42.66	49.40	60.96	30
8	Pinkut	08EC004	794.6	1084	2.65	2.76	2.90	3.07	3.13	3.38	3.75	4.70	6.14	10.98	46
8	Salmon	08KC001	4231.5	826	11.60	12.77	14.13	15.75	16.35	18.50	21.33	27.38	34.17	47.37	51
8	Simpson	08EE012	13.2	1311	0.155	0.163	0.172	0.182	0.186	0.200	0.218	0.258	0.306	0.413	37
8	Station	08EE028	9.8	1495	0.152	0.163	0.175	0.189	0.194	0.211	0.233	0.274	0.315	0.378	11
8	Stellako	08JB002	4000.9	941	9.02	9.64	10.37	11.29	11.64	12.94	14.80	19.46	26.18	46.80	60
8	Stuart	08JE001	14234.7	900	72.17	76.43	81.33	87.09	89.18	96.70	106.50	127.59	152.07	204.66	72
8	Tsilcoh	08JE004	437.9	835	1.12	1.21	1.31	1.44	1.49	1.66	1.88	2.37	2.95	4.20	35
8	Two Mile	08EE025	19.7	706	0.040	0.047	0.055	0.065	0.068	0.081	0.097	0.127	0.152	0.177	29
8	Van Tine	08JA014	145.2	1252	0.329	0.355	0.388	0.428	0.444	0.504	0.590	0.818	1.17	2.34	31
12	Fraser-Hansand	08KA004	17972.8	1460	309.48	323.02	338.08	355.11	361.13	382.03	407.76	457.88	508.45	596.10	57
12	McGregor	08KB003	4760.9	1368	121.87	130.77	140.69	151.91	155.86	169.47	185.91	216.25	243.68	281.20	50
12	Muller	08KB006	102.9	1352	2.52	2.70	2.91	3.16	3.24	3.54	3.92	4.64	5.36	6.49	31
12	Parsnip	07EE007	4905.0	1101	84.73	90.36	96.67	103.88	106.44	115.36	126.37	147.68	168.64	202.37	43
13	Canoe	08NC004	306.7	1957	11.41	11.70	12.03	12.39	12.52	12.95	13.49	14.51	15.54	17.33	38
13	Dore	08KA001	408.7	1913	10.82	11.05	11.32	11.63	11.75	12.16	12.71	13.92	15.38	18.75	45
13	Fraser - McBride	08KA005	6881.1	1844	149.11	153.37	158.10	163.43	165.32	171.87	179.96	195.89	212.35	242.47	53
13	Fraser - Red Pass	08KA007	1696.9	1954	32.56	33.71	35.00	36.45	36.96	38.74	40.95	45.30	49.80	57.95	56
13	Kakwa	07GB002	3253.6	1396											
13	McKale	08KA009	253.7	1835	4.89	5.20	5.55	5.95	6.09	6.58	7.17	8.29	9.35	10.97	39
13	Miette	07AA001	644.7	1955	7.04	7.24	7.48	7.77	7.87	8.27	8.80	10.04	11.66	15.84	36
13	Moose	08KA008	456.0	2010	9.36	9.74	10.17	10.67	10.85	11.50	12.34	14.13	16.21	20.68	38
13	Morkill	08KA013	1263.3	1693	18.66	20.35	22.28	24.50	25.29	28.07	31.50	38.10	44.37	53.48	14
13	Muskeg - Alberta	07GA002	722.9	1490											
13	Smoky - Hells	07GA001	3760.0	1853											
13	Swift	08KA012	132.4	1956	1.90	2.01	2.14	2.29	2.34	2.53	2.76	3.24	3.75	4.69	14
13	Whirlpool	07AA009	602.0	2037											

Note: Gaps in the table indicate that matric wasn't calculated due to unavailability of data

Table 6: Low Flow Frequency Distribution of Annual Mean Flows (page 2 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	June-September 7-Day Low Flow (m^3/s): Return Period (Year) 200	100	50	25	20	10	5	2	1.25	1.01	# years n
3	Akie	07EA007	1683.0	1557	9.470	10.338	11.359	12.587	13.040	14.693	16.910	21.859	27.817	41.016	30
3	Beaver-Whitefish	10BD001	7306.4	991	14.942	16.975	19.388	22.300	23.371	27.253	32.331	42.883	53.844	71.487	16
3	Big Creek	10AA005	1003.2	1176	2.808	3.064	3.361	3.713	3.841	4.302	4.901	6.165	7.561	10.229	23
3	Blue	10AC004	1654.6	1260	9.187	9.639	10.161	10.774	10.997	11.800	12.853	15.146	17.861	23.936	32
3	Coal	10BC001	8973.3	1019	46.357	47.206	48.321	49.828	50.429	52.831	56.566	67.167	84.720	150.601	33
3	Dease - mouth	10AC006	14558.7	1254	75.289	79.306	83.930	89.375	91.354	98.475	107.812	128.091	151.999	204.963	12
3	Finlay	07EA005	15637.2	1452	104.056	110.685	118.404	127.609	130.986	143.264	159.656	196.327	241.266	346.531	33
3	Frances	10AB001	13012.7	1164	72.058	77.896	84.664	92.677	95.598	106.121	119.902	149.486	183.280	252.500	49
3	Geddes	10BE008	76.5	712	0.031	0.036	0.041	0.048	0.051	0.061	0.076	0.116	0.173	0.346	17
3	Graham	07FA005	2138.8	1359	5.251	5.871	6.607	7.501	7.833	9.049	10.685	14.311	18.556	27.238	28
3	Grayling	10BE011	1759.2	1111	0.366	0.584	0.930	1.484	1.726	2.762	4.435	8.378	11.763	13.930	12
3	Halfway	07FA003	3764.1	1259	5.817	6.660	7.692	8.986	9.476	11.322	13.918	20.099	28.033	46.515	18
3	Halfway - Graham	07FA006	9288.3	1062	11.429	12.981	14.866	17.210	18.093	21.394	25.985	36.739	50.276	81.074	28
3	Hyland	10AD001	9342.8	1196	64.699	67.217	70.192	73.801	75.142	80.093	86.894	102.909	124.093	180.767	39
3	Ingenika	07EA004	4141.5	1551	18.109	19.554	21.241	23.255	23.994	26.680	30.255	38.163	47.624	68.614	34
3	Kechika - Boya	10BB002	11276.4	1433	78.770	82.466	86.720	91.732	93.555	100.122	108.751	127.594	150.026	200.714	27
3	Kechika - mouth	10BB001	22938.0	1320	125.344	134.288	144.398	156.015	160.158	174.682	192.796	228.442	264.267	323.805	27
3	Kwadacha	07EA002	2417.2	1474	20.672	22.052	23.651	25.543	26.233	28.724	32.007	39.168	47.619	66.163	34
3	Liard - Kechika	10BE006	61277.6	1154	332.482	357.493	385.740	418.146	429.682	470.026	520.052	617.218	712.543	863.484	26
3	Liard - Lower X	10BE001	104328.0	1151	518.106	559.623	607.208	662.769	682.813	754.052	845.067	1031.671	1230.374	1591.531	65
3	Liard - Upper X	10AA001	31957.7	1166	174.243	185.313	198.175	213.474	219.078	239.402	266.425	326.437	399.217	566.808	51
3	Mesilinka	07EC003	2948.8	1410	12.238	13.367	14.675	16.219	16.780	18.790	21.391	26.820	32.712	43.610	36
3	Ospika	07EB002	2196.1	1502	8.951	9.865	10.952	12.274	12.765	14.577	17.045	22.693	29.714	45.955	30
3	Pitman	08CA003	2730.0	1442	15.129	16.091	17.224	18.594	19.101	20.968	23.517	29.445	37.131	56.897	14
3	Rabbit - mouth	10BE012	3718.1	1305	18.537	19.020	19.647	20.484	20.816	22.135	24.179	30.007	39.871	79.261	12
3	Rancheria	10AA004	5286.3	1250	22.775	24.195	25.855	27.844	28.576	31.252	34.854	43.037	53.297	78.281	26
3	Sikanni Chief	10CB001	2181.3	1420	7.561	8.180	8.917	9.818	10.154	11.402	13.129	17.229	22.668	37.020	68
3	Stikine bl Spatsizi	08CA002	7588.3	1556	39.642	42.948	46.821	51.464	53.173	59.400	67.732	86.316	108.784	159.326	14
3	Smith	10BE013	3874.1	864	14.665	15.296	16.041	16.945	17.280	18.520	20.221	24.230	29.533	43.736	29
3	Teeter	10BE009	210.0	1034	0.539	0.578	0.623	0.678	0.698	0.771	0.869	1.087	1.352	1.963	32
3	Toad - mouth	10BE010	6889.6	1468	42.651	47.198	52.521	58.875	61.201	69.599	80.597	103.898	129.505	177.032	12
3	Toad - Nonda	10BE004	2540.7	1634	21.676	22.833	24.187	25.809	26.407	28.593	31.543	38.285	46.830	68.128	50
3	Trout	10BE007	1190.9	1415	6.078	6.688	7.402	8.257	8.571	9.708	11.210	14.458	18.158	25.535	41
3	Turnagain	10BA001	6629.1	1435	35.228	38.041	41.294	45.132	46.528	51.543	58.078	71.979	87.653	119.090	26
4	Adsett	10CD005	109.2	693	0.023	0.026	0.031	0.038	0.040	0.052	0.071	0.138	0.285	1.224	27
4	Bougie	10CD004	334.2	733	0.002	0.004	0.008	0.016	0.019	0.039	0.086	0.303	0.803	2.482	29
4	Fontas	10CA001	7514.2	598	0.869	1.139	1.512	2.042	2.261	3.162	4.619	8.803	15.172	31.715	18
4	Fort Nelson	10CC002	22632.2	670	21.579	22.734	24.281	26.433	27.313	30.963	37.098	57.795	103.782	429.022	24
4	Liard - Beaver	10BE005	117873.8	1149	708.719	753.224	804.233	863.937	885.541	962.744	1062.664	1274.079	1512.962	2002.443	26
4	Muskwa	10CD001	20253.3	984	58.375	63.591	69.860	77.607	80.523	91.448	106.819	144.366	196.138	341.211	66
4	Prophet	10CD006	7278.1	994	15.553	17.317	19.427	22.014	22.980	26.558	31.465	42.790	56.938	89.551	7
4	Raspberry	10CD003	274.0	547	0.000	0.000	0.000	0.001	0.002	0.006	0.022	0.137	0.446	1.114	31
6	Alces	07FD004	319.3	763											
6	Beatton	07FC001	15529.2	780	0.857	1.104	1.448	1.945	2.152	3.029	4.523	9.366	18.442	54.153	50
6	Beaverlodge	07GD001	1595.5	814											
6	Blueberry	07FC003	1774.2	828	0.000	0.000	0.001	0.002	0.003	0.012	0.044	0.276	0.771	1.373	45
6	Chinchaga	07OC001	10858.4	702	0.763	0.920	1.131	1.424	1.545	2.044	2.878	5.601	11.052	37.962	41
6	Clear	07FD009	2921.2	704	0.000	0.000	0.001	0.002	0.003	0.009	0.025	0.148	0.632	3.953	38
6	Kiskatinaw	07FD001	3599.7	921	0.016	0.029	0.054	0.103	0.127	0.249	0.512	1.526	3.258	6.546	46
6	Pouce Coupe	07FD007	2876.4	794											
6	Redwillow	07GD004	1280.3	1023	0.037	0.048	0.064	0.088	0.099	0.144	0.225	0.524	1.190	4.795	17

Table 7: Frequency Distribution of June-September 7-Day Low Flows (page 1 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	June-September 7-Day Low Flow (m^3/s): Return Period (Year) 200	100	50	25	20	10	5	2	1.25	1.01	# years n
7	Carbon	07EF004	736.6	1345	0.668	0.800	0.968	1.187	1.273	1.605	2.094	3.337	5.036	9.190	14
7	Cutbank	07GB001	840.8	1138	0.427	0.481	0.548	0.634	0.668	0.798	0.992	1.516	2.338	5.139	40
7	Dickebusch	07FB004	84.8	1053	0.016	0.018	0.022	0.027	0.029	0.037	0.051	0.095	0.184	0.637	33
7	Flatbed	07FB009	478.7	1129	0.012	0.022	0.040	0.076	0.094	0.179	0.348	0.885	1.537	2.185	28
7	Moberly	07FB008	1521.7	938	0.117	0.175	0.267	0.414	0.480	0.773	1.304	3.022	5.769	12.048	32
7	Murray - mouth	07FB002	5554.3	1162	13.826	15.263	17.003	19.165	19.982	23.056	27.405	38.086	52.832	93.686	34
7	Murray - Wolverine	07FB006	2385.4	1303	9.095	10.176	11.480	13.094	13.701	15.969	19.128	26.616	36.330	60.092	34
7	Pine	07FB001	12138.1	1125	28.799	31.568	34.857	38.863	40.353	45.853	53.373	70.749	92.741	145.551	50
7	Quality	07FB005	26.3	1087											
7	Sukunka	07FB003	2591.3	1198	3.438	3.953	4.592	5.406	5.718	6.909	8.631	12.944	18.912	34.703	33
7	Wapiti	07GE001	11312.6	1007	13.938	15.156	16.649	18.534	19.255	22.014	26.044	36.601	52.741	107.020	50
8	Babine	08EC013	6731.9	973	16.135	17.402	18.906	20.738	21.420	23.948	27.430	35.646	46.457	74.674	39
8	Buck	08EE013	566.5	1114	0.077	0.086	0.097	0.113	0.119	0.144	0.186	0.319	0.594	2.191	39
8	Chuchinka	07EE009	315.8	961	0.131	0.144	0.160	0.183	0.192	0.229	0.290	0.491	0.918	3.621	36
8	Driftwood	08JD006	400.4	1115	0.691	0.771	0.869	0.991	1.038	1.214	1.467	2.100	2.991	5.518	30
8	Goathorn	08EE008	121.7	1164	0.323	0.350	0.382	0.421	0.436	0.489	0.562	0.732	0.948	1.480	50
8	Lower Nechako	LowerNechako	13768.0												
8	MacIvor	08JA016	55.7	1533	0.113	0.121	0.130	0.143	0.148	0.169	0.200	0.294	0.466	1.284	18
8	Muskeg	08KC003	296.9	886	0.142	0.156	0.171	0.191	0.198	0.226	0.264	0.356	0.479	0.809	21
8	Nation-James	07ED001	4355.7	1147	6.895	7.469	8.167	9.038	9.369	10.623	12.423	16.999	23.700	44.642	29
8	Nation-Mouth	07ED003	6799.8	1097	7.496	8.486	9.696	11.214	11.791	13.970	17.064	24.619	34.794	60.985	31
8	Nautley	08JB003	6574.0	927	8.176	8.428	8.761	9.215	9.396	10.131	11.303	14.826	21.291	51.632	59
8	Nechako Reservoir	NechakoRes	14132.0												
8	Omineca - Osilinka	07EC002	5390.8	1281	15.606	17.049	18.758	20.833	21.603	24.439	28.302	37.176	48.333	74.920	36
8	Osilinka	07EC004	1945.2	1381	7.735	8.369	9.114	10.010	10.340	11.546	13.168	16.823	21.309	31.683	30
8	Pack-Mcleod	07EE010	3704.8	874	3.122	3.425	3.794	4.257	4.433	5.100	6.060	8.499	12.050	22.914	30
8	Pinkut	08EC004	794.6	1084	0.369	0.442	0.535	0.653	0.699	0.873	1.120	1.702	2.410	3.799	48
8	Salmon	08KC001	4231.5	826	1.331	1.496	1.701	1.963	2.065	2.457	3.038	4.587	6.975	14.881	54
8	Simpson	08EE012	13.2	1311	0.019	0.023	0.028	0.034	0.036	0.045	0.059	0.096	0.149	0.299	40
8	Station	08EE028	9.8	1495	0.059	0.065	0.071	0.080	0.083	0.094	0.110	0.148	0.201	0.345	10
8	Stellako	08JB002	4000.9	941	6.928	7.104	7.337	7.653	7.780	8.291	9.099	11.484	15.707	34.007	61
8	Stuart	08JE001	14234.7	900	55.767	60.010	64.939	70.790	72.928	80.658	90.857	113.091	139.173	195.326	77
8	Tsilcoh	08JE004	437.9	835	0.088	0.100	0.115	0.133	0.140	0.165	0.201	0.286	0.396	0.656	35
8	Two Mile	08EE025	19.7	706	0.023	0.026	0.031	0.037	0.039	0.047	0.059	0.086	0.119	0.187	29
8	Van Tine	08JA014	145.2	1252	0.014	0.017	0.022	0.028	0.031	0.042	0.061	0.124	0.245	0.789	31
12	Fraser-Hansand	08KA004	17972.8	1460	151.112	162.621	175.988	191.859	197.659	218.626	246.285	306.585	377.305	529.507	58
12	McGregor	08KB003	4760.9	1368	53.520	58.125	63.577	70.194	72.652	81.711	94.082	122.715	159.236	249.011	51
12	Muller	08KB006	102.9	1352	0.306	0.387	0.492	0.631	0.685	0.892	1.185	1.840	2.524	3.449	32
12	Parsnip	07EE007	4905.0	1101	17.515	19.158	21.127	23.551	24.461	27.856	32.596	43.991	59.306	100.198	44
13	Canoe	08NC004	306.7	1957	3.563	3.969	4.456	5.053	5.276	6.101	7.232	9.840	13.091	20.550	39
13	Dore	08KA001	408.7	1913	3.307	3.708	4.185	4.763	4.977	5.761	6.809	9.110	11.751	16.948	45
13	Fraser - McBride	08KA005	6881.1	1844	78.316	83.656	89.814	97.070	99.707	109.183	121.561	148.135	178.733	243.097	58
13	Fraser - Red Pass	08KA007	1696.9	1954	14.993	16.171	17.553	19.213	19.824	22.058	25.062	31.833	40.172	59.612	56
13	Kakwa	07GB002	3253.6	1396	5.825	6.283	6.852	7.583	7.866	8.968	10.623	15.200	22.789	52.501	18
13	McKale	08KA009	253.7	1835	1.660	1.823	2.016	2.250	2.337	2.655	3.086	4.061	5.256	7.967	40
13	Miette	07AA001	644.7	1955	2.796	2.959	3.154	3.397	3.488	3.831	4.318	5.531	7.267	12.544	36
13	Moose	08KA008	456.0	2010	3.223	3.616	4.085	4.657	4.870	5.654	6.716	9.097	11.924	17.827	40
13	Morkill	08KA013	1263.3	1693	5.836	6.606	7.531	8.665	9.088	10.648	12.764	17.499	23.061	34.310	14
13	Muskeg - Alberta	07GA002	722.9	1490	1.358	1.433	1.527	1.650	1.698	1.886	2.175	2.994	4.408	10.411	39
13	Smoky - Hells	07GA001	3760.0	1853	27.115	29.407	32.102	35.349	36.549	40.937	46.855	60.238	76.748	115.137	42
13	Swift	08KA012	132.4	1956	0.818	0.832	0.852	0.879	0.890	0.935	1.007	1.226	1.615	3.278	14
13	Whirlpool	07AA009	602.0	2037	5.387	5.834	6.350	6.960	7.182	7.978	9.012	11.201	13.643	18.440	27

Note: Gaps in the table indicate that either data were not available or the metric wasn't calculated due to extreme low flows that don't match the Log Pearson Type III distribution for 7-Day Low Flow analys

Table 7: Frequency Distribution of June-September 7-Day Low Flows (page 2 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual 7-Day Low Flow (m^3/s) Return Period (Year): 200	100	50	25	20	10	5	2	1.25	1.01	# years n
3	Akie	07EA007	1683.0	1557	1.832	1.972	2.132	2.319	2.386	2.623	2.925	3.538	4.185	5.346	30
3	Beaver-Whitefish	10BD001	7306.4	991	6.285	6.992	7.794	8.712	9.036	10.155	11.489	13.821	15.652	17.421	16
3	Big Creek	10AA005	1003.2	1176	0.731	0.848	0.987	1.154	1.214	1.431	1.705	2.225	2.674	3.163	23
3	Blue	10AC004	1654.6	1260	0.624	0.801	1.030	1.325	1.437	1.855	2.404	3.427	4.175	4.656	32
3	Coal	10BC001	8973.3	1019	11.751	12.631	13.602	14.686	15.063	16.343	17.843	20.445	22.551	24.865	34
3	Dease - mouth	10AC006	14558.7	1254	18.282	19.663	21.225	23.022	23.662	25.908	28.705	34.180	39.618	48.420	12
3	Finlay	07EA005	15637.2	1452	24.754	25.837	27.045	28.416	28.902	30.593	32.688	36.811	41.037	48.552	33
3	Frances	10AB001	13012.7	1164	14.043	14.683	15.410	16.255	16.559	17.640	19.029	21.945	25.228	32.021	49
3	Geddes	10BE008	76.5	712	0.028	0.032	0.037	0.042	0.044	0.051	0.061	0.082	0.106	0.151	17
3	Graham	07FA005	2138.8	1359	3.084	3.158	3.241	3.338	3.373	3.497	3.657	3.995	4.381	5.205	28
3	Grayling	10BE011	1759.2	1111	0.404	0.503	0.629	0.790	0.851	1.078	1.382	1.993	2.531	3.063	13
3	Halfway	07FA003	3764.1	1259	1.789	1.993	2.227	2.500	2.597	2.940	3.363	4.156	4.865	5.748	18
3	Halfway - Graham	07FA006	9288.3	1062	5.191	5.509	5.869	6.284	6.432	6.954	7.612	8.940	10.336	12.881	28
3	Hyland	10AD001	9342.8	1196	6.656	7.560	8.615	9.858	10.307	11.893	13.867	17.569	20.794	24.500	36
3	Ingenika	07EA004	4141.5	1551	4.492	4.921	5.405	5.959	6.155	6.833	7.654	9.150	10.444	12.012	34
3	Kechika - Boya	10BB002	11276.4	1433	11.863	13.095	14.480	16.048	16.599	18.480	20.691	24.467	27.333	29.952	27
3	Kechika - mouth	10BB001	22938.0	1320	24.230	25.870	27.721	29.848	30.607	33.267	36.590	43.162	49.837	61.191	28
3	Kwadacha	07EA002	2417.2	1474	2.958	3.238	3.552	3.908	4.034	4.465	4.980	5.891	6.640	7.462	34
3	Liard - Kechika	10BE006	61277.6	1154	70.957	75.523	80.676	86.595	88.706	96.113	105.378	123.785	142.660	175.447	26
3	Liard - Lower X	10BE001	104328.0	1151	124.873	131.581	139.361	148.603	151.985	164.246	180.550	216.846	261.169	365.112	66
3	Liard - Upper X	10AA001	31957.7	1166	41.887	43.874	46.139	48.776	49.727	53.115	57.483	66.708	77.177	99.074	51
3	Mesilinka	07EC003	2948.8	1410	4.239	4.420	4.625	4.862	4.947	5.247	5.628	6.415	7.281	9.009	36
3	Ospika	07EB002	2196.1	1502	2.307	2.665	3.074	3.540	3.703	4.250	4.855	5.714	6.118	6.238	30
3	Pitman	08CA003	2730.0	1442	2.441	2.652	2.894	3.178	3.280	3.645	4.113	5.073	6.093	7.924	15
3	Rabbit - mouth	10BE012	3718.1	1305	2.306	2.578	2.900	3.290	3.434	3.962	4.667	6.212	7.986	11.498	13
3	Rancheria	10AA004	5286.3	1250	2.667	3.365	4.238	5.324	5.725	7.154	8.881	11.585	12.977	13.418	27
3	Sikanni Chief	10CB001	2181.3	1420	0.485	0.734	1.095	1.602	1.800	2.529	3.379	4.331	4.495	4.501	53
3	Stikine bl Spatsizi	08CA002	7588.3	1556	6.970	7.552	8.214	8.978	9.251	10.212	11.412	13.766	16.094	19.794	15
3	Smith	10BE013	3874.1	864	5.119	5.783	6.560	7.479	7.812	8.998	10.498	13.420	16.156	19.817	29
3	Teeter	10BE009	210.0	1034	0.188	0.215	0.246	0.283	0.296	0.344	0.404	0.519	0.622	0.746	32
3	Toad - mouth	10BE010	6889.6	1468	9.133	9.479	9.879	10.354	10.527	11.155	11.989	13.843	16.112	21.482	13
3	Toad - Nonda	10BE004	2540.7	1634	3.422	3.823	4.276	4.789	4.969	5.581	6.291	7.457	8.261	8.843	50
3	Trout	10BE007	1190.9	1415	3.691	3.857	4.041	4.250	4.323	4.578	4.889	5.492	6.092	7.106	41
3	Turnagain	10BA001	6629.1	1435	4.123	4.812	5.628	6.603	6.958	8.214	9.770	12.595	14.829	16.830	26
4	Adsett	10CD005	109.2	693											
4	Bougie	10CD004	334.2	733											
4	Fontas	10CA001	7514.2	598	0.113	0.148	0.195	0.259	0.285	0.387	0.539	0.902	1.314	1.928	19
4	Fort Nelson	10CC002	22632.2	670	2.103	2.425	2.811	3.282	3.456	4.090	4.925	6.661	8.437	11.153	25
4	Liard - Beaver	10BE005	117873.8	1149	156.347	164.448	173.712	184.536	188.450	202.434	220.550	259.084	303.192	396.431	27
4	Muskwa	10CD001	20253.3	984	4.554	5.523	6.713	8.186	8.733	10.714	13.245	17.963	21.693	24.807	51
4	Prophet	10CD006	7278.1	994	1.492	1.677	1.901	2.178	2.282	2.669	3.205	4.460	6.047	9.743	8
4	Raspberry	10CD003	274.0	547											
6	Alces	07FD004	319.3	763											
6	Beatton	07FC001	15529.2	780	0.008	0.016	0.030	0.058	0.072	0.139	0.271	0.673	1.104	1.430	46
6	Beaverlodge	07GD001	1595.5	814											
6	Blueberry	07FC003	1774.2	828	0.000	0.000	0.001	0.001	0.001	0.004	0.009	0.033	0.073	0.128	45
6	Chinchaga	07OC001	10858.4	702											
6	Clear	07FD009	2921.2	704											
6	Kiskatinaw	07FD001	3599.7	921	0.006	0.010	0.018	0.033	0.041	0.076	0.147	0.393	0.755	1.301	46
6	Pouce Coupe	07FD007	2876.4	794											
6	Redwillow	07GD004	1280.3	1023	0.002	0.003	0.006	0.011	0.013	0.027	0.056	0.176	0.395	0.851	17

Table 8: Frequency Distribution of Annual 7-Day Low Flows (page 1 of 2)

Hydro-logic Zone	Watershed: Stream	Watershed: Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual 7-Day Low Flow (m^3/s) Return Period (Year): 200	100	50	25	20	10	5	2	1.25	1.01	# years n
7	Carbon	07EF004	736.6	1345	0.542	0.560	0.583	0.612	0.624	0.669	0.738	0.926	1.235	2.403	14
7	Cutbank	07GB001	840.8	1138											
7	Dickebusch	07FB004	84.8	1053											
7	Flatbed	07FB009	478.7	1129	0.011	0.019	0.033	0.055	0.066	0.110	0.182	0.339	0.445	0.484	28
7	Moberly	07FB008	1521.7	938	0.108	0.141	0.186	0.249	0.274	0.376	0.531	0.927	1.424	2.328	32
7	Murray - mouth	07FB002	5554.3	1162	6.663	6.969	7.334	7.780	7.947	8.570	9.438	11.536	14.414	22.584	34
7	Murray - Wolverine	07FB006	2385.4	1303	5.423	5.527	5.663	5.845	5.917	6.205	6.652	7.909	9.976	17.662	34
7	Pine	07FB001	12138.1	1125	14.508	15.013	15.649	16.479	16.802	18.066	19.974	25.234	33.824	66.445	50
7	Quality	07FB005	26.3	1087											
7	Sukunka	07FB003	2591.3	1198	3.525	3.626	3.755	3.925	3.991	4.253	4.650	5.753	7.560	14.404	33
7	Wapiti	07GE001	11312.6	1007	4.603	4.997	5.448	5.972	6.160	6.826	7.668	9.353	11.075	13.964	50
8	Babine	08EC013	6731.9	973	13.395	13.801	14.277	14.849	15.060	15.834	16.882	19.292	22.372	30.161	39
8	Buck	08EE013	566.5	1114	0.047	0.057	0.069	0.085	0.091	0.116	0.153	0.245	0.369	0.665	39
8	Chuchinka	07EE009	315.8	961	0.121	0.140	0.162	0.191	0.202	0.245	0.308	0.469	0.699	1.345	36
8	Driftwood	08JD006	400.4	1115	0.190	0.228	0.276	0.335	0.357	0.438	0.544	0.751	0.934	1.127	31
8	Goathorn	08EE008	121.7	1164	0.038	0.044	0.050	0.059	0.062	0.074	0.090	0.129	0.178	0.284	51
8	Lower Nechako	LowerNechako	13768.0												
8	MacIvor	08JA016	55.7	1533	0.033	0.034	0.036	0.039	0.040	0.044	0.050	0.066	0.091	0.180	19
8	Muskeg	08KC003	296.9	886	0.159	0.169	0.180	0.195	0.200	0.221	0.251	0.324	0.430	0.753	21
8	Nation-James	07ED001	4355.7	1147	6.718	6.958	7.236	7.568	7.690	8.133	8.727	10.069	11.744	15.836	29
8	Nation-Mouth	07ED003	6799.8	1097	9.518	10.009	10.573	11.234	11.474	12.334	13.456	15.871	18.684	24.804	31
8	Nautley	08JB003	6574.0	927	3.133	3.403	3.724	4.116	4.262	4.802	5.546	7.291	9.561	15.338	59
8	Nechako Reservoir	NechakoRes	14132.0												
8	Omineca - Osilinka	07EC002	5390.8	1281	8.998	9.190	9.421	9.706	9.813	10.213	10.771	12.115	13.928	18.868	36
8	Osilinka	07EC004	1945.2	1381	3.943	4.058	4.188	4.340	4.394	4.590	4.842	5.378	5.996	7.328	30
8	Pack-Mcleod	07EE010	3704.8	874	3.080	3.397	3.779	4.249	4.426	5.087	6.011	8.229	11.190	18.935	30
8	Pinkut	08EC004	794.6	1084	0.371	0.433	0.508	0.603	0.638	0.772	0.957	1.378	1.876	2.846	49
8	Salmon	08KC001	4231.5	826	1.371	1.530	1.722	1.959	2.048	2.382	2.849	3.959	5.415	9.051	54
8	Simpson	08EE012	13.2	1311	0.001	0.001	0.002	0.002	0.003	0.004	0.005	0.009	0.014	0.025	37
8	Station	08EE028	9.8	1495	0.007	0.008	0.010	0.012	0.012	0.015	0.019	0.027	0.035	0.044	11
8	Stellako	08JB002	4000.9	941	2.064	2.308	2.596	2.941	3.067	3.525	4.125	5.387	6.748	9.147	61
8	Stuart	08JE001	14234.7	900	20.660	22.106	23.780	25.764	26.488	29.102	32.545	40.052	48.883	68.113	77
8	Tsilcoh	08JE004	437.9	835	0.087	0.098	0.111	0.128	0.134	0.157	0.189	0.268	0.371	0.630	35
8	Two Mile	08EE025	19.7	706	0.010	0.012	0.015	0.017	0.018	0.022	0.028	0.040	0.054	0.079	29
8	Van Tine	08JA014	145.2	1252	0.004	0.005	0.007	0.010	0.012	0.017	0.026	0.057	0.113	0.305	32
12	Fraser-Hansand	08KA004	17972.8	1460	52.295	53.980	55.949	58.310	59.180	62.359	66.647	76.440	88.849	119.854	58
12	McGregor	08KB003	4760.9	1368	16.553	17.417	18.427	19.636	20.081	21.708	23.899	28.895	35.207	50.862	51
12	Muller	08KB006	102.9	1352	0.177	0.189	0.203	0.221	0.227	0.251	0.285	0.367	0.480	0.797	33
12	Parsnip	07EE007	4905.0	1101	10.131	11.018	12.053	13.286	13.737	15.371	17.528	22.213	27.638	38.929	44
13	Canoe	08NC004	306.7	1957	0.858	0.883	0.914	0.952	0.966	1.019	1.094	1.279	1.537	2.282	39
13	Dore	08KA001	408.7	1913	0.632	0.692	0.761	0.841	0.870	0.972	1.099	1.347	1.587	1.950	45
13	Fraser - McBride	08KA005	6881.1	1844	18.600	19.040	19.566	20.210	20.451	21.347	22.589	25.546	29.492	40.086	56
13	Fraser - Red Pass	08KA007	1696.9	1954	3.559	3.657	3.770	3.903	3.952	4.126	4.356	4.858	5.460	6.836	56
13	Kakwa	07GB002	3253.6	1396											
13	McKale	08KA009	253.7	1835	0.555	0.580	0.609	0.645	0.658	0.707	0.776	0.940	1.164	1.789	40
13	Miette	07AA001	644.7	1955	0.327	0.353	0.382	0.417	0.430	0.476	0.537	0.667	0.818	1.132	36
13	Moose	08KA008	456.0	2010	0.217	0.288	0.381	0.500	0.544	0.704	0.893	1.158	1.255	1.269	40
13	Morkill	08KA013	1263.3	1693	4.057	4.058	4.058	4.058	4.059	4.064	4.085	4.277	4.955	9.345	14
13	Muskeg - Alberta	07GA002	722.9	1490											
13	Smoky - Hells	07GA001	3760.0	1853											
13	Swift	08KA012	132.4	1956	0.199	0.207	0.217	0.230	0.234	0.251	0.274	0.326	0.395	0.571	15
13	Whirlpool	07AA009	602.0	2037											

Note: Gaps in the table indicate that either data were not available or the metric wasn't calculated due to extreme low flows that don't match the Log Pearson Type III distribution for 7-Day Low Flow analys

Table 8: Frequency Distribution of Annual 7-Day Low Flows (page 2 of 2)

Hydro-logic Zone	Watershed		Drainage Area	Median Elevation	Daily Mean Flow (m^3/s)											
	Stream	Hydrometric Station	(km^2)	(m)	Percent of Time Exceeded (%)											
					0.1	1.0	2	5	10	15	25	50	80	90	95	99
3	Akie	07EA007	1683.0	1557	269.44	180.00	153.00	114.00	84.30	65.00	42.90	13.50	4.62	3.95	3.52	2.82
3	Beaver-Whitefish	10BD001	7306.4	991	635.08	400.00	302.00	198.00	142.00	112.00	75.33	34.50	16.60	14.30	13.00	10.00
3	Big Creek	10AA005	1003.2	1176	62.16	39.41	33.68	23.80	16.90	13.00	9.06	4.92	2.75	2.29	2.03	1.15
3	Blue	10AC004	1654.6	1260	147.25	98.50	82.70	62.90	45.30	35.00	23.60	10.40	4.45	3.62	2.91	1.53
3	Coal	10BC001	8973.3	1019	918.40	558.00	473.12	334.00	245.00	186.00	117.00	49.30	23.50	21.00	19.40	16.10
3	Dease - mouth	10AC006	14558.7	1254	1344.64	881.32	779.32	617.80	464.60	354.40	223.00	102.00	43.00	35.80	32.00	23.78
3	Finlay	07EA005	15637.2	1452	1938.42	1330.00	1170.00	947.00	734.00	558.00	332.00	128.00	49.20	41.00	37.50	32.10
3	Frances	10AB001	13012.7	1164	1020.00	772.00	691.00	547.00	418.00	334.00	219.00	92.25	28.60	23.50	21.10	17.80
3	Geddes	10BE008	76.5	712	2.099	0.902	0.665	0.42	0.32	0.27	0.22	0.15	0.11	0.09	0.07	0.05
3	Graham	07FA005	2138.8	1359	265.77	141.73	122.00	90.87	65.80	49.00	27.90	10.80	5.12	4.40	4.05	3.53
3	Grayling	10BE011	1759.2	1111	265.79	115.52	96.26	67.20	40.70	29.10	19.10	6.60	2.42	2.01	1.73	1.08
3	Halfway	07FA003	3764.1	1259	464.12	249.79	190.00	127.00	90.09	69.90	43.50	15.00	5.58	4.65	3.98	2.90
3	Halfway - Graham	07FA006	9288.3	1062	1195.44	555.00	412.00	271.00	190.00	144.00	86.20	27.30	12.00	9.70	8.71	7.09
3	Hyland	10AD001	9342.8	1196	1082.36	782.00	691.00	542.90	379.00	286.00	179.00	70.50	22.90	18.90	16.70	13.10
3	Ingenika	07EA004	4141.5	1551	547.70	344.50	302.00	226.00	164.00	113.00	65.10	27.00	11.80	10.30	9.60	7.58
3	Kechika - Boya	10BB002	11276.4	1433	812.17	617.00	555.12	456.00	358.00	294.00	208.00	79.00	29.70	26.00	23.90	18.04
3	Kechika - mouth	10BB001	22938.0	1320	1630.00	1140.00	994.00	788.05	612.00	493.00	343.00	137.00	53.80	46.70	42.00	34.00
3	Kwadacha	07EA002	2417.2	1474	327.26	236.28	210.00	174.00	139.00	116.00	79.30	24.40	7.65	6.34	5.80	4.89
3	Liard - Kechika	10BE006	61277.6	1154	4549.71	3370.00	2945.40	2368.50	1800.00	1390.00	915.00	408.00	154.00	131.00	112.00	94.90
3	Liard - Lower X	10BE001	104328.0	1151	7289.25	5470.00	4810.00	3770.00	2885.00	2270.00	1550.00	706.00	268.00	224.00	197.00	160.00
3	Liard - Upper X	10AA001	31957.7	1166	2700.00	1910.00	1630.00	1250.00	943.00	739.00	488.00	215.00	85.00	71.40	62.00	53.70
3	Mesilinka	07EC003	2948.8	1410	393.81	261.51	227.00	170.00	129.00	92.50	51.70	20.90	8.38	7.15	6.58	5.74
3	Ospika	07EB002	2196.1	1502	422.46	252.42	220.00	160.10	114.00	79.70	45.10	18.80	7.00	6.00	5.56	4.96
3	Pitman	08CA003	2730.0	1442	244.00	219.00	165.00	132.00	118.70	105.00	83.10	54.65	28.86	24.50	22.37	16.50
3	Rabbit - mouth	10BE012	3718.1	1305	308.00	207.70	167.00	121.00	92.70	76.00	53.38	21.10	8.05	6.66	5.55	3.77
3	Rancheria	10AA004	5286.3	1250	408.47	288.00	238.00	175.00	123.00	94.00	64.10	29.30	13.60	11.50	10.20	7.18
3	Sikanni Chief	10CB001	2181.3	1420	300.00	148.00	120.00	90.00	67.70	53.60	35.10	13.40	5.13	4.18	3.57	2.72
3	Stikine bl Spatsizi	08CA002	7588.3	1556	1062.80	777.80	647.00	508.00	370.00	278.00	172.00	49.80	17.30	15.20	13.30	10.16
3	Smith	10BE013	3874.1	864	117.00	78.36	63.70	50.00	42.10	37.30	31.40	22.00	15.50	13.10	11.60	9.90
3	Teeter	10BE009	210.0	1034	6.32	4.11	3.36	2.51	1.98	1.75	1.42	0.97	0.65	0.56	0.47	0.35
3	Toad - mouth	10BE010	6889.6	1468	904.39	492.26	443.52	354.30	269.00	229.00	161.00	44.80	17.00	15.00	13.70	12.00
3	Toad - Nonda	10BE004	2540.7	1634	339.22	212.00	183.82	143.00	113.00	91.72	62.30	19.00	8.92	7.84	7.08	6.14
3	Trout	10BE007	1190.9	1415	108.00	74.19	62.00	46.30	35.40	28.98	20.90	9.91	6.29	5.69	5.38	4.63
3	Turnagain	10BA001	6629.1	1435	673.10	473.00	411.00	311.00	227.00	175.00	118.00	44.50	15.60	12.90	11.60	7.08
4	Adsett	10CD005	109.2	693	35.93	9.01	5.85	3.20	2.01	1.46	0.79	0.13	0.00	0.00	0.00	0.00
4	Bougie	10CD004	334.2	733	88.59	31.39	21.80	12.40	7.04	4.53	2.01	0.24	0.00	0.00	0.00	0.00
4	Fontas	10CA001	7514.2	598	490.79	256.00	200.00	135.00	82.90	58.87	33.60	8.90	1.37	1.06	0.72	0.34
4	Fort Nelson	10CC002	22632.2	670	2000.13	1045.30	817.18	561.65	383.30	278.00	159.00	42.60	9.46	7.16	5.93	3.79
4	Liard - Beaver	10BE005	117873.8	1149	8197.38	6230.00	5520.00	4513.50	3587.00	2800.00	1940.00	800.50	324.00	266.00	232.00	208.33
4	Muskwa	10CD001	20253.3	984	2660.00	1340.00	1030.00	729.00	549.00	453.00	317.00	106.00	23.20	17.90	14.70	9.63
4	Prophet	10CD006	7278.1	994	1034.08	557.60	417.12	274.20	190.00	149.80	94.40	23.60	6.60	4.70	4.25	3.63
4	Raspberry	10CD003	274.0	547	43.28	14.68	10.00	5.72	3.25	2.01	0.93	0.12	0.00	0.00	0.00	0.00
6	Alces	07FD004	319.3	763	18.24	7.65	5.20	2.88	1.54	0.99	0.47	0.07	0.01	0.00	0.00	0.00
6	Beatton	07FC001	15529.2	780	1182.02	600.03	453.02	263.00	157.00	106.00	54.23	9.82	1.42	0.78	0.48	0.18
6	Beaverlodge	07GD001	1595.5	814												
6	Blueberry	07FC003	1774.2	828	209.10	74.17	50.70	27.00	12.76	7.53	3.00	0.37	0.08	0.04	0.01	0.00
6	Chinchaga	07OC001	10858.4	702	680.20	317.00	239.04	139.00	80.40	54.20	27.10	5.07	0.77	0.38	0.20	0.01
6	Clear	07FD009	2921.2	704												
6	Kiskatinaw	07FD001	3599.7	921	299.61	110.00	76.02	45.00	26.60	16.90	8.00	2.16	0.73	0.42	0.22	0.05
6	Pouce Coupe	07FD007	2876.4	794	228.54	98.50	69.38	35.00	15.40	8.06	2.97	0.55	0.11	0.06	0.03	0.01
6	Redwillow	07GD004	1280.3	1023	121.00	56.11	40.86	25.60	14.80	9.52	5.08	1.05	0.37	0.20	0.12	0.05

Table 9: Flow Duration of Daily Mean Flows (page 1 of 2)

Hydro-logic Zone	Watershed		Drainage Area (km^2)	Median Elevation (m)	Daily Mean Flow (m^3/s) Percent of Time Exceeded (%)											
	Stream	Hydrometric Station			0.1	1.0	2	5	10	15	25	50	80	90	95	99
7	Carbon	07EF004	736.6	1345	270.44	112.32	94.50	68.20	38.04	24.00	11.10	3.60	1.38	1.11	0.96	0.68
7	Cutbank	07GB001	840.8	1138												
7	Dickebusch	07FB004	84.8	1053	20.00	5.61	4.08	2.55	1.55	0.97	0.49	0.12	0.03	0.01	0.01	0.00
7	Flatbed	07FB009	478.7	1129	84.50	34.33	27.50	18.20	12.50	8.82	4.30	1.11	0.50	0.38	0.29	0.15
7	Moberly	07FB008	1521.7	938	134.30	77.60	67.50	50.00	35.30	26.40	13.10	3.80	1.60	1.10	0.70	0.30
7	Murray - mouth	07FB002	5554.3	1162	808.72	477.93	400.00	305.55	224.00	170.00	101.00	40.50	16.40	13.00	11.00	8.74
7	Murray - Wolverine	07FB006	2385.4	1303	524.29	324.13	272.26	205.00	150.00	115.00	70.00	29.50	11.20	9.10	7.90	6.10
7	Pine	07FB001	12138.1	1125	2070.00	1230.00	1010.00	759.00	537.20	395.30	225.50	87.20	37.30	28.30	23.80	18.10
7	Quality	07FB005	26.3	1087	4.67	1.95	1.44	0.84	0.48	0.32	0.17	0.05	0.02	0.01	0.00	0.00
7	Sukunka	07FB003	2591.3	1198	585.00	365.00	310.94	227.85	153.00	110.00	62.10	20.00	8.80	6.83	5.65	4.45
7	Wapiti	07GE001	11312.6	1007	1339.95	595.00	484.00	345.00	257.00	198.00	118.00	39.20	13.50	10.60	9.23	7.07
8	Babine	08EC013	6731.9	973	244.00	211.00	176.02	137.00	108.00	91.20	65.60	33.20	21.50	19.00	17.70	16.20
8	Buck	08EE013	566.5	1114	73.51	41.62	33.10	23.00	13.80	8.10	3.31	0.96	0.42	0.30	0.23	0.11
8	Chuchinka	07EE009	315.8	961	66.01	42.90	34.90	25.10	13.30	7.92	4.35	1.90	0.83	0.62	0.48	0.29
8	Driftwood	08JD006	400.4	1115	83.52	58.74	51.60	37.60	25.10	16.93	8.32	2.90	1.08	0.82	0.68	0.48
8	Goathorn	08EE008	121.7	1164	17.94	10.40	8.69	6.31	4.70	3.73	2.42	0.84	0.20	0.15	0.12	0.08
8	Lower Nechako	LowerNechako	13768.0													
8	MacIvor	08JA016	55.7	1533	8.81	6.05	5.10	3.66	2.53	1.75	1.06	0.32	0.11	0.07	0.06	0.05
8	Muskeg	08KC003	296.9	886	22.61	17.93	15.60	10.40	5.26	2.76	1.39	0.78	0.50	0.39	0.31	0.24
8	Nation-James	07ED001	4355.7	1147	571.35	371.94	338.00	269.00	191.00	134.00	66.50	26.20	14.10	11.10	9.91	8.20
8	Nation-Mouth	07ED003	6799.8	1097	749.03	573.77	469.62	362.00	253.00	161.00	76.50	33.70	20.60	17.40	15.30	12.60
8	Nautley	08JB003	6574.0	927	259.39	175.94	139.00	102.00	75.14	58.80	37.80	17.30	9.76	8.08	7.10	5.04
8	Nechako Reservoir	NechakoRes	14132.0													
8	Omineca - Osilinka	07EC002	5390.8	1281	842.96	579.66	524.00	394.30	257.00	178.00	89.90	38.20	15.90	13.30	12.10	10.60
8	Osilinka	07EC004	1945.2	1381	333.04	231.42	200.00	152.00	104.00	69.50	36.70	15.10	6.79	5.90	5.40	4.74
8	Pack-Mcleod	07EE010	3704.8	874	387.17	267.00	233.00	181.00	121.20	74.20	38.50	19.50	13.20	10.20	7.95	5.54
8	Pinkut	08EC004	794.6	1084	61.95	40.20	31.98	21.50	12.10	7.82	4.08	2.48	1.87	1.68	1.43	0.88
8	Salmon	08KC001	4231.5	826	343.00	231.02	189.04	135.00	86.50	55.50	24.80	10.10	5.93	4.59	3.88	2.71
8	Simpson	08EE012	13.2	1311	3.64	1.86	1.50	1.08	0.76	0.56	0.35	0.12	0.02	0.01	0.01	0.00
8	Station	08EE028	9.8	1495	2.43	1.48	1.24	0.98	0.76	0.61	0.41	0.12	0.04	0.03	0.03	0.02
8	Stellako	08JB002	4000.9	941	165.00	114.00	88.90	65.09	49.30	39.06	25.20	11.40	6.51	5.38	4.61	3.20
8	Stuart	08JE001	14234.7	900	535.28	428.00	400.00	330.00	276.00	236.00	176.00	93.70	51.50	41.90	36.80	27.80
8	Tsilcoh	08JE004	437.9	835	39.86	27.20	20.96	12.90	6.49	3.28	1.56	0.75	0.45	0.35	0.26	0.18
8	Two Mile	08EE025	19.7	706	0.73	0.40	0.33	0.26	0.21	0.19	0.16	0.11	0.06	0.05	0.04	0.02
8	Van Tine	08JA014	145.2	1252	16.75	7.57	6.06	3.93	2.51	1.76	0.92	0.28	0.10	0.07	0.05	0.03
12	Fraser-Hansand	08KA004	17972.8	1460	2524.39	1920.00	1720.00	1400.00	1120.00	923.00	643.00	291.00	103.00	85.60	77.00	64.60
12	McGregor	08KB003	4760.9	1368	1384.40	968.00	841.00	668.00	525.00	427.00	305.00	138.00	43.00	32.30	27.80	23.01
12	Muller	08KB006	102.9	1352	39.97	26.65	22.50	17.00	12.60	9.68	6.10	2.21	0.66	0.44	0.37	0.26
12	Parsnip	07EE007	4905.0	1101	1010.00	782.00	685.00	544.00	408.10	314.00	175.00	73.60	33.60	26.00	20.85	16.69
13	Canoe	08NC004	306.7	1957	81.77	66.00	60.27	50.10	41.00	34.70	23.80	5.32	1.89	1.50	1.31	1.10
13	Dore	08KA001	408.7	1913	101.47	67.40	59.50	48.70	40.00	33.30	22.80	5.46	1.80	1.50	1.32	1.08
13	Fraser - McBride	08KA005	6881.1	1844	1060.00	864.00	770.00	643.00	529.00	450.00	317.00	96.35	34.80	28.80	26.10	22.20
13	Fraser - Red Pass	08KA007	1696.9	1954	303.33	225.00	201.00	165.00	131.00	107.00	67.70	17.50	6.40	5.34	4.87	4.25
13	Kakwa	07GB002	3253.6	1396												
13	McKale	08KA009	253.7	1835	66.51	46.79	41.10	32.04	23.67	18.11	9.91	3.42	1.31	1.08	0.97	0.77
13	Miette	07AA001	644.7	1955	94.15	63.85	55.00	43.30	31.80	24.00	13.00	3.44	1.04	0.81	0.70	0.52
13	Moose	08KA008	456.0	2010	133.53	81.30	69.93	52.85	40.50	33.10	22.70	4.98	1.50	1.24	1.12	0.85
13	Morkill	08KA013	1263.3	1693	1384.40	968.00	841.00	668.00	525.00	427.00	305.00	138.00	43.00	32.30	27.80	23.01
13	Muskeg - Alberta	07GA002	722.9	1490												
13	Smoky - Hells	07GA001	3760.0	1853												
13	Swift	08KA012	132.4	1956	37.32	22.40	18.60	14.70	10.30	7.20	3.49	1.01	0.46	0.38	0.33	0.27
13	Whirlpool	07AA009	602.0	2037												

Note: Gaps in the table indicate that matric wasn't calculated due to unavailability of data

Table 9: Flow Duration of Daily Mean Flows (page 2 of 2)

APPENDIX A

Statistical Analysis Using HEC SSP

A-1 HEC SSP Software

A-2 Examples of HEC SSP Output

A-1 HEC SSP Software

(Note: This section is mainly abstracted from HEC-SSP User Manual, 2010 and paper titled "Statistical Software Package" by Harris, J., Burner, G., et al. (2010) presented at 2nd Joint Federal Interagency Conference, Las Vegas, NV, June 27-July 1, 2010)

Introduction

The HEC-SSP software system was developed by US Army Corps of Engineers (USACE) as a part of the Hydrologic Engineering Center's "Next Generation" (NexGen) of hydrologic engineering software. HEC-SSP is a statistical analysis software for hydrologic data. The system is comprised of a graphical user interface (GUI), separate statistical analysis components, data storage and management capabilities, mapping, graphics and reporting facilities.

The current version of HEC-SSP (v2.0) supports statistical analyses based on Bulletin 17B, "Guidelines for Determining Flood Flow Frequency" (1982). Functions include flood flow frequency analysis, generalized frequency analysis, volume frequency analysis on high and low flows, duration analysis, coincident frequency analysis, and a curve combination analysis. The full details of the data used, statistical methods and variables calculated in this report are contained in the Statistical Analyses section.

User Interface

The user interacts with HEC-SSP through a graphical user interface (GUI). The main focus in the design of the interface was to make it easy to use the software, while still maintaining a high level of efficiency for the user. The interface provides the following functions:

- File Management
- Data entry, importing, and editing
- Statistical analyses
- Results displays (tabular and graphical)
- Reporting
- On-line help

Data Management

All data used in HEC-SSP are stored in the HEC Data Storage System (HEC-DSS) as ASCII "text" files and XML files. All user input data is stored in flat files under the

separate categories of study, analyses, and a data storage list. Flow data are stored as time series data in project HEC-DSS files. HEC-DSS stores all output data and results summaries as XML files, and analysis reports as standard ASCII text files. For every computation, the software produces a report file in standard ASCII text file format.

Statistical Analyses

Instantaneous Peak Flow Frequency Analysis

Instantaneous peak flow frequency analyses were performed in HEC SSP based on guidance in Bulletin 17B "Guidelines for Determining Flood Flow Frequency (1982)," by the Interagency Advisory Committee on Water Data. HEC-SSP has options to follow all recommendations within 17B including the Log-Pearson Type III distribution and the method of moments to determine the statistical parameters of the station data. The following data issues can be addressed in HEC SSP: broken record; incomplete record; zero flood years; low and high outliers and historical events. Other methods such as general frequency analysis can be used if there are reasons why Bulletin 17B can't be followed. The "Station Skew" option was used to estimate the skew coefficient for all frequency analyses. The "Weibull" formula was used as the plotting position and a default confidence limit of 0.05 and 0.95 were used in HEC-SSP. In the Weibull formula: $P = m/(n+1)$

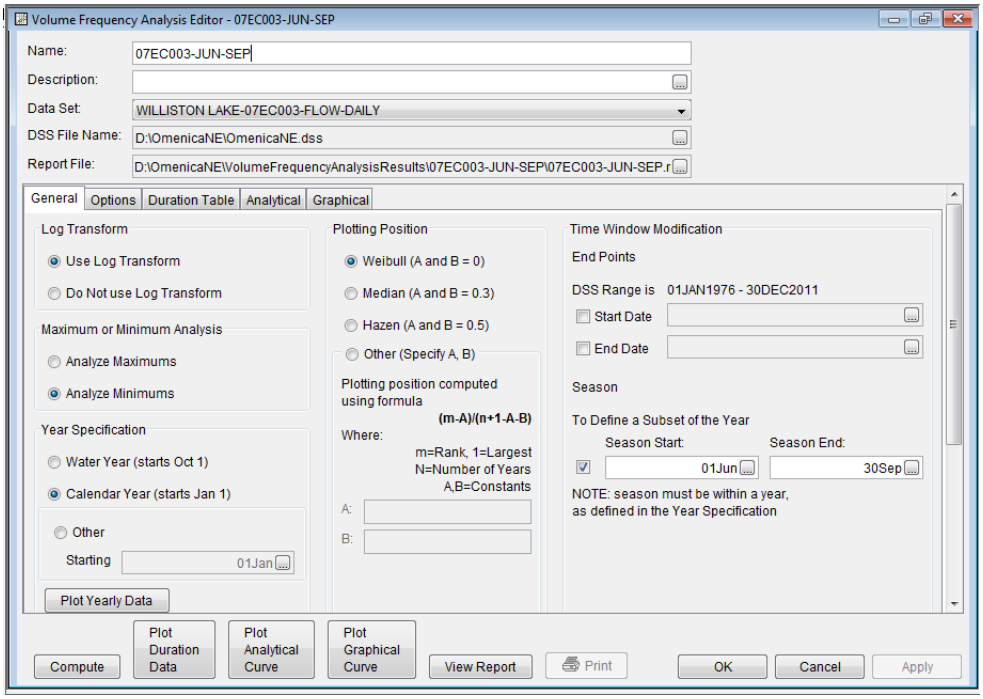
> Where, "P" is probability, "m" is the rank of a value in a list ordered by descending (for high flow frequency analysis) or ascending (for low flow frequency analysis) magnitude and "n" is the total number of values.

Low Flow Frequency Analysis

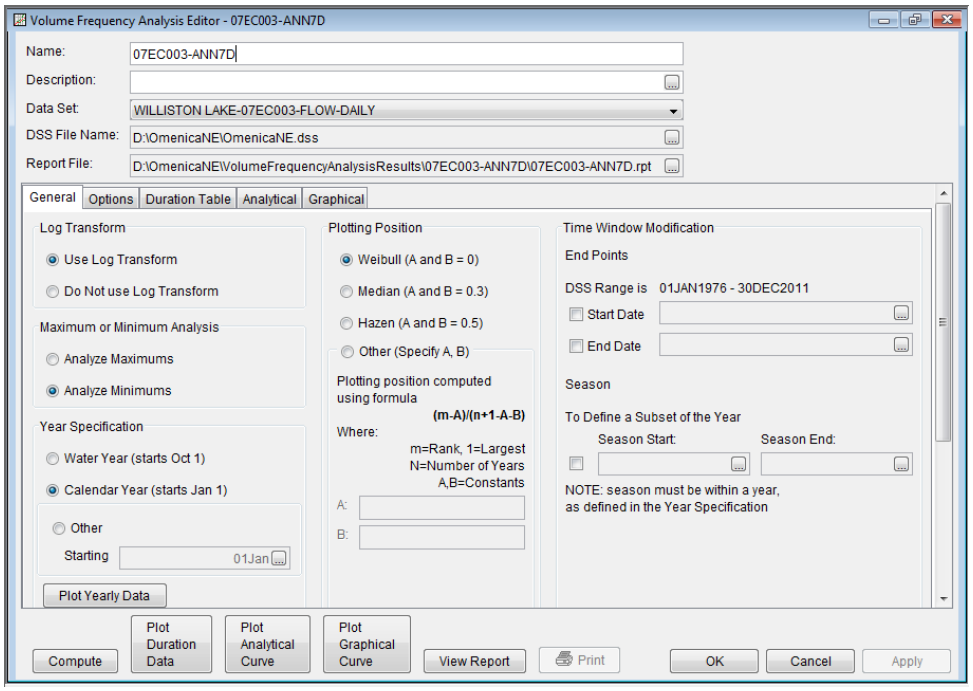
The "Volume Frequency Analysis" component of the software with Log Pearson Type III distribution was used for frequency analyses of June to September 7-day low flows and annual 7-day low flows. Annual minimums of 7-day average flow for June to September (i.e., June 1 to September 30) and for annual series (i.e., January 1 to December 31) were calculated from daily mean flow data. Low flow frequency analyses were performed on these datasets using the "Analyze Minimums" option.

Screenshots of the volume frequency analysis editor in HEC-SSP are presented below:

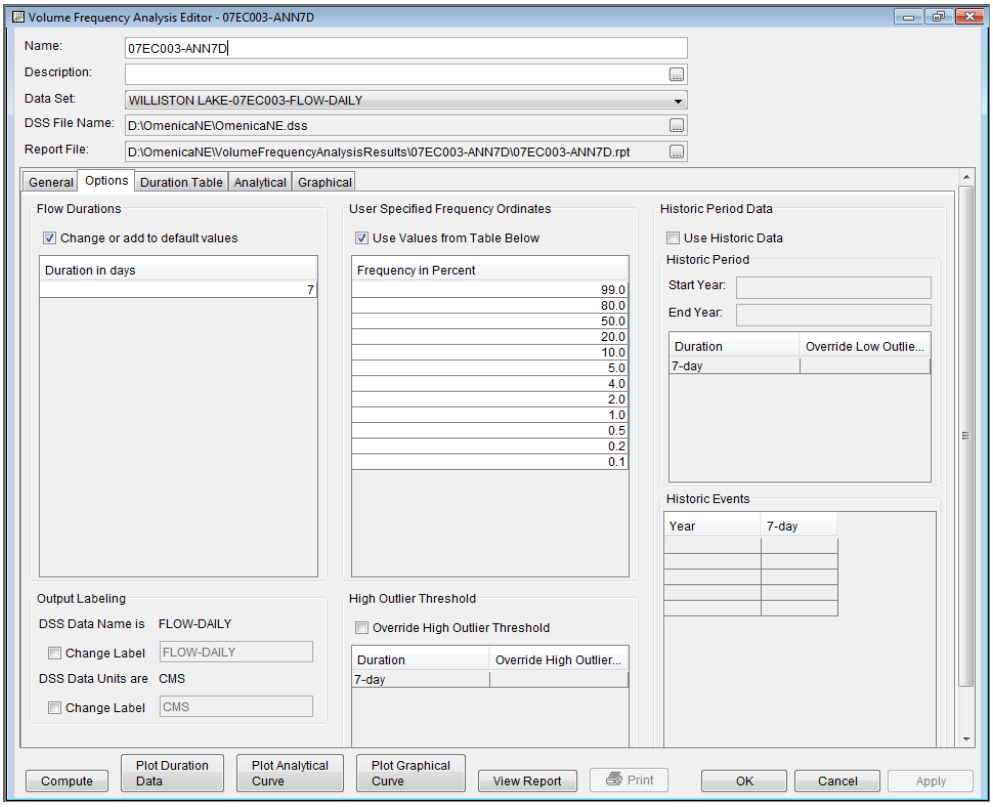
June to September 7-day Low Flow Frequency Analysis, General tab



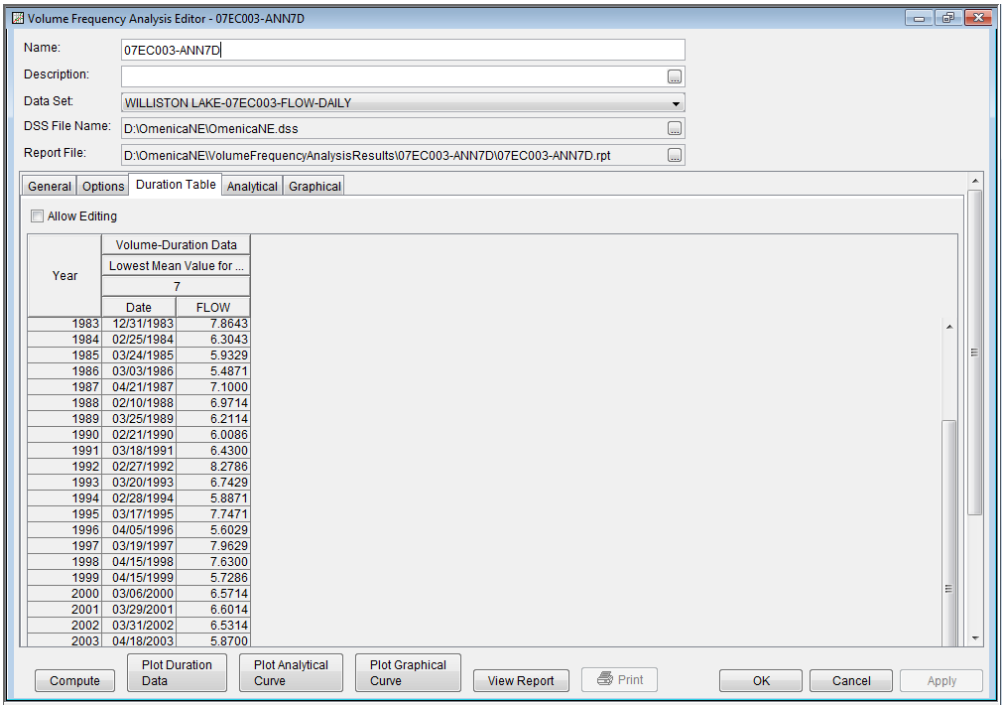
Annual 7-day Low Flow Frequency Analysis, General tab



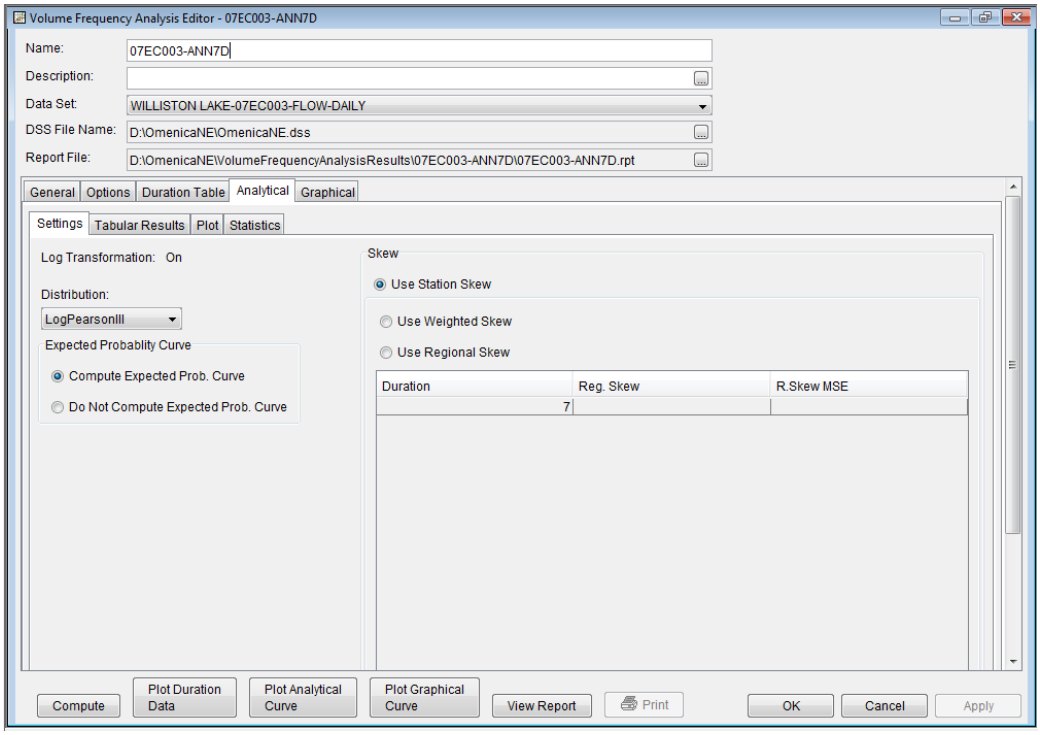
Annual 7-day Low Flow Frequency Analysis, Options tab



Annual 7-day Low Flow Frequency Analysis, Duration Table tab



Annual 7-day Low Flow Frequency Analysis, Analytical tab

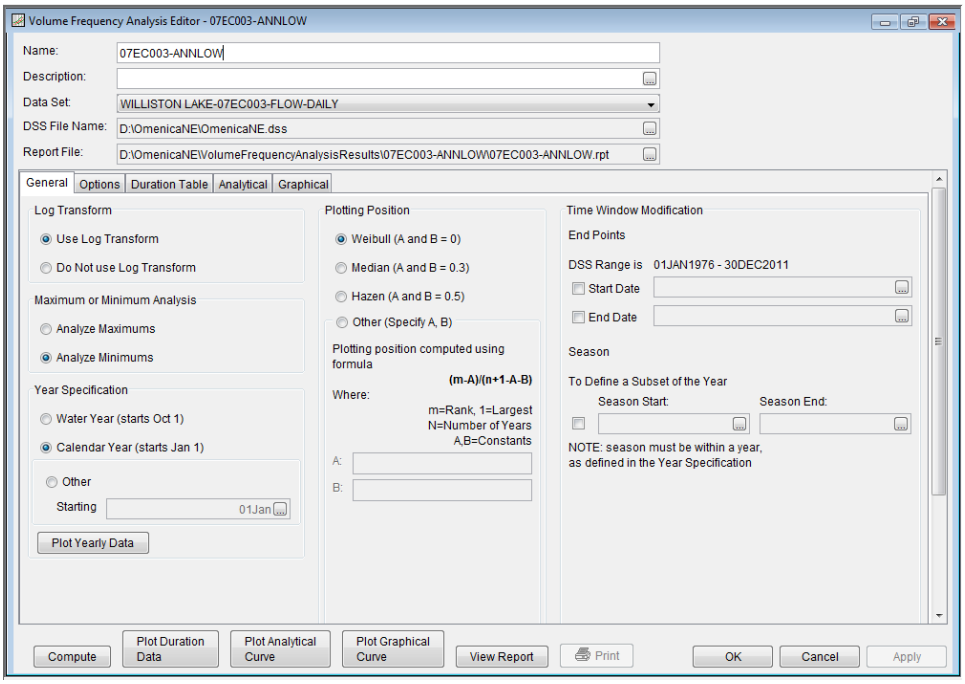


Annual Mean Flow Frequency Analysis

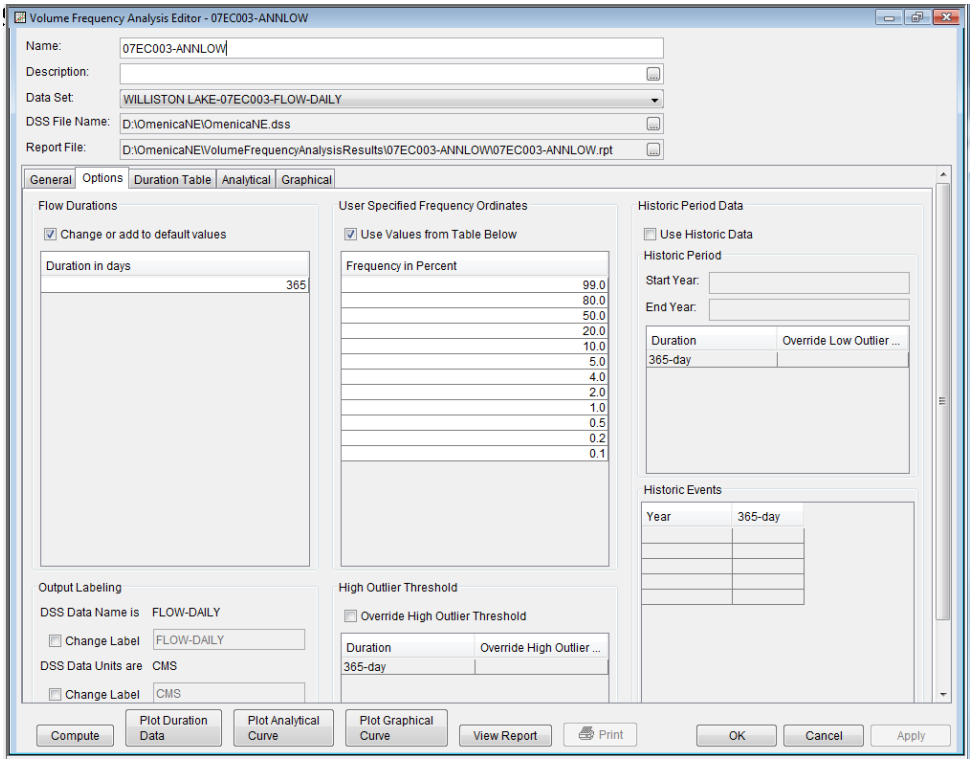
For high flow frequency analysis of annual mean flow the “General Frequency Analysis” with Log Pearson Type III option was used. For low flow frequency analysis of annual mean flow the “Volume Frequency Analysis” with Log Pearson Type III distribution and “Analyze Minimums” option was used.

Screenshots of the volume frequency analysis editor for low flow frequency analysis of mean annual flow are presented below:

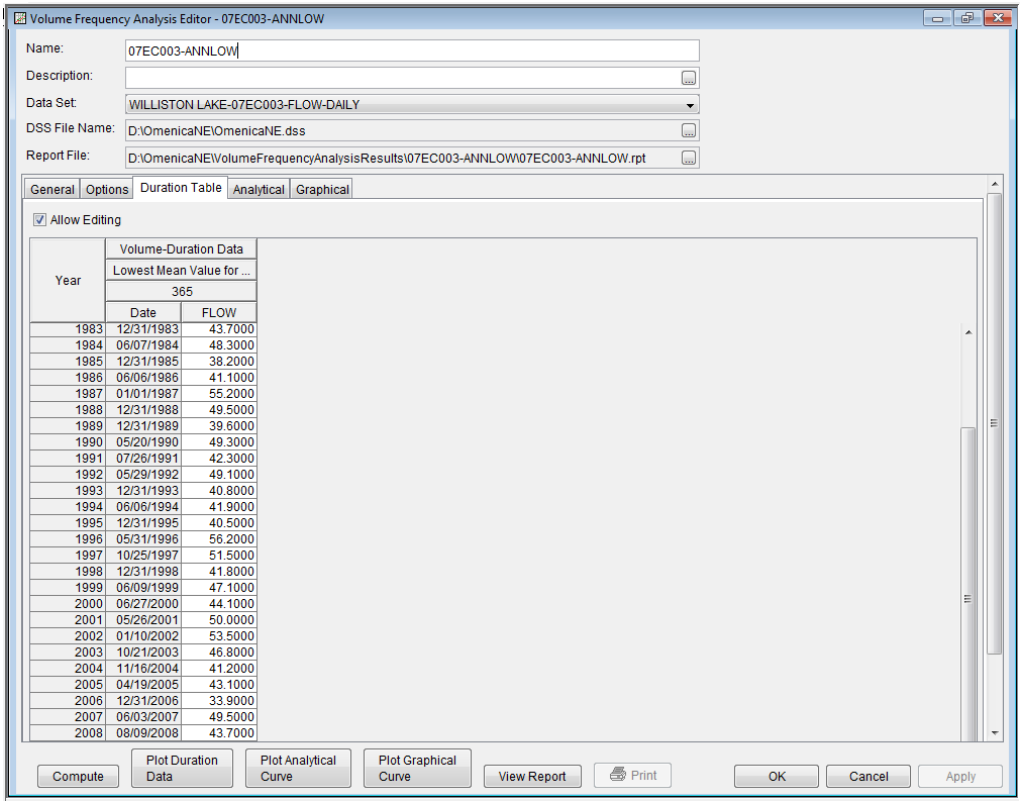
Low flow Frequency Analysis of Annual Mean Flow, General tab.



Low flow Frequency Analysis of Annual Mean Flow, Options tab.



Low flow Frequency Analysis of Annual Mean Flow, Duration Table tab.

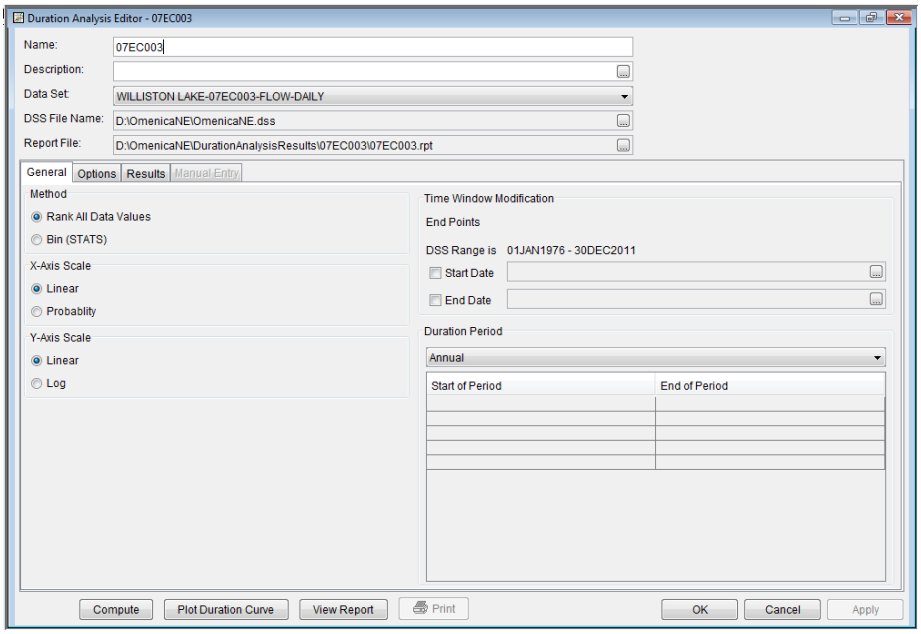


Year	Volume-Duration Data: Lowest Mean Value for ... 365 Date	FLOW
1983	12/31/1983	43.7000
1984	06/07/1984	48.3000
1985	12/31/1985	38.2000
1986	06/06/1986	41.1000
1987	01/01/1987	55.2000
1988	12/31/1988	49.5000
1989	12/31/1989	39.6000
1990	05/20/1990	49.3000
1991	07/26/1991	42.3000
1992	05/29/1992	49.1000
1993	12/31/1993	40.8000
1994	06/06/1994	41.9000
1995	12/31/1995	40.5000
1996	05/31/1996	56.2000
1997	10/25/1997	51.5000
1998	12/31/1998	41.8000
1999	06/09/1999	47.1000
2000	06/27/2000	44.1000
2001	05/26/2001	50.0000
2002	01/10/2002	53.5000
2003	10/21/2003	46.8000
2004	11/16/2004	41.2000
2005	04/19/2005	43.1000
2006	12/31/2006	33.9000
2007	06/03/2007	49.5000
2008	08/09/2008	43.7000

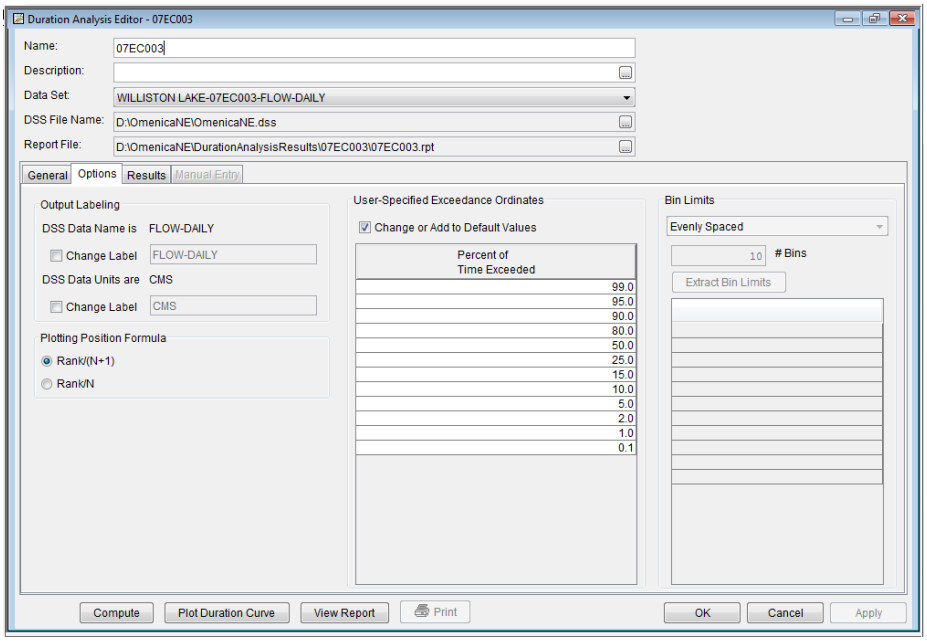
Daily Mean Discharge Flow Duration Analysis

Daily mean flow data with annual duration period were used for flow duration analysis. The program can produce multiple duration curves for different time periods within a year and if the annual period is selected then all the data is used. For this analysis the "Rank All Data Values" method with Weibull plotting position was used. In this method data are sorted from largest to smallest and ranked from 1 to n using $P = m/(n+1)$ where m is ranked position and n is number of events. Screenshots of the "Duration Analysis Editor" are presented below.

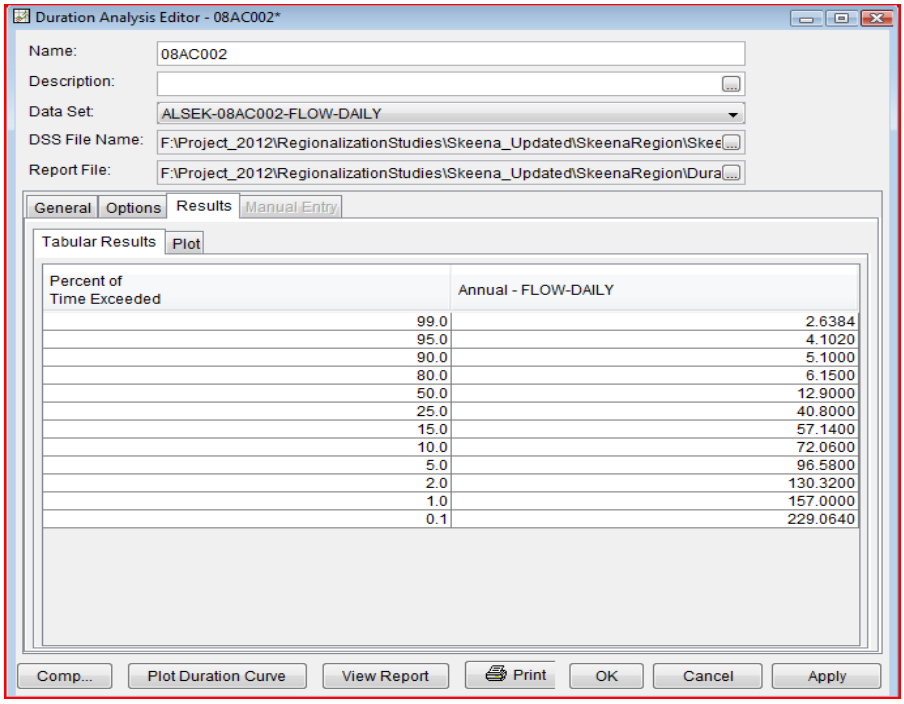
Duration Analysis, General tab.



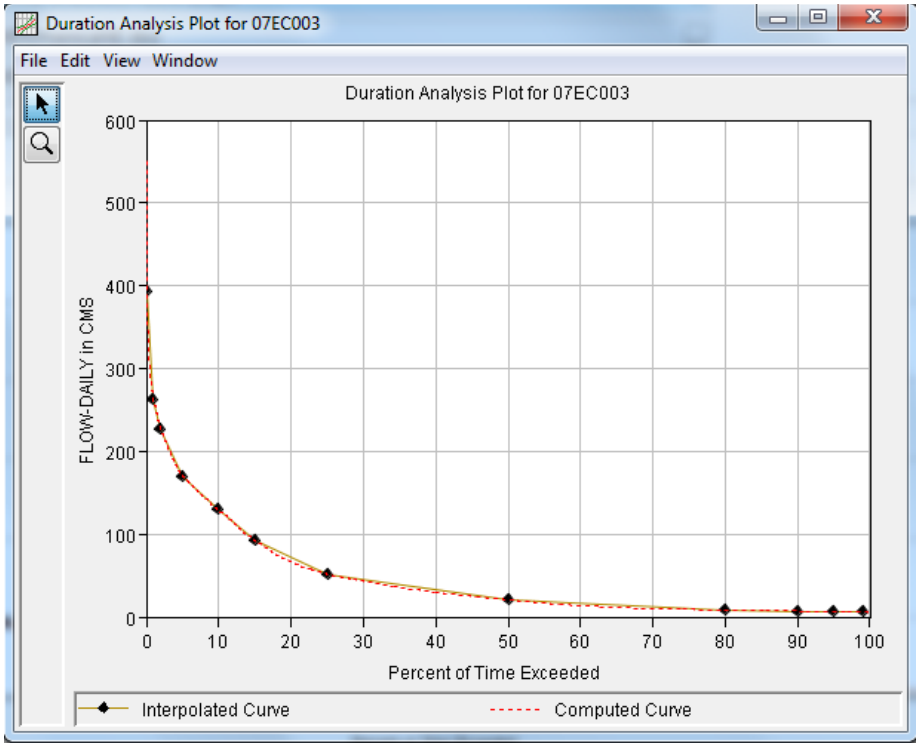
Duration Analysis, Options tab.



Duration Analysis, Results tab.

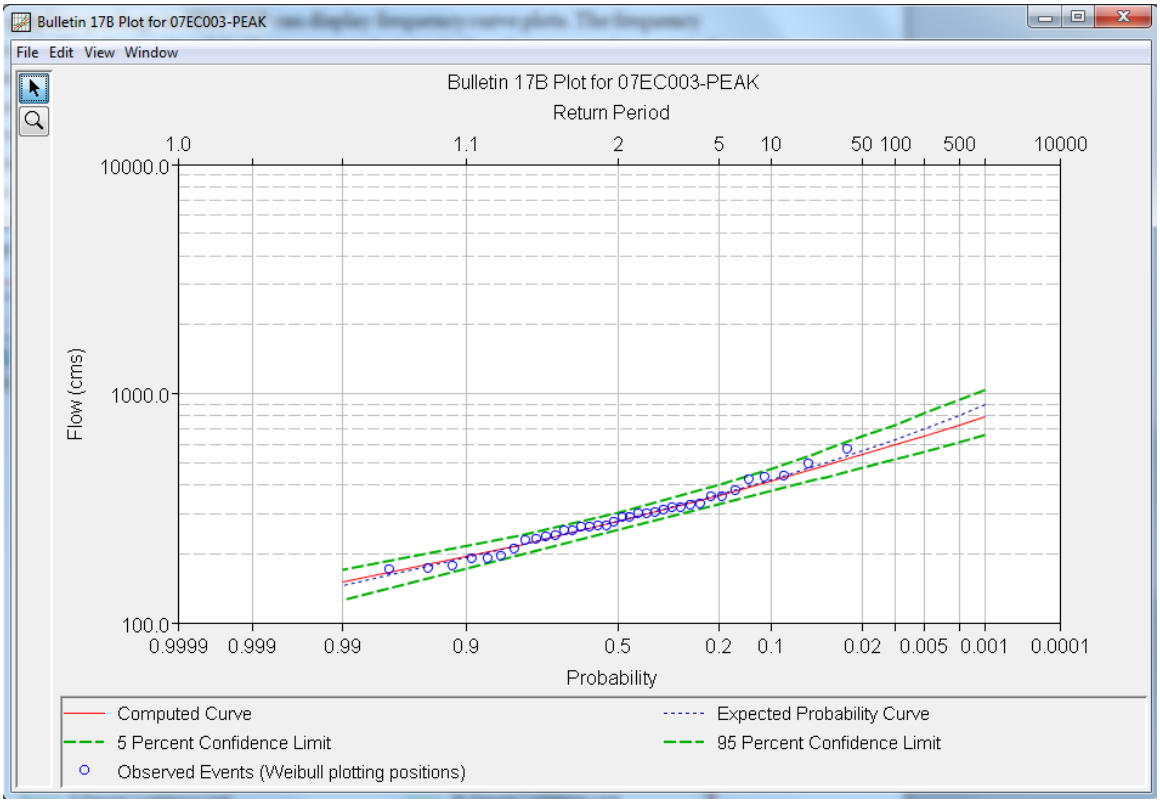


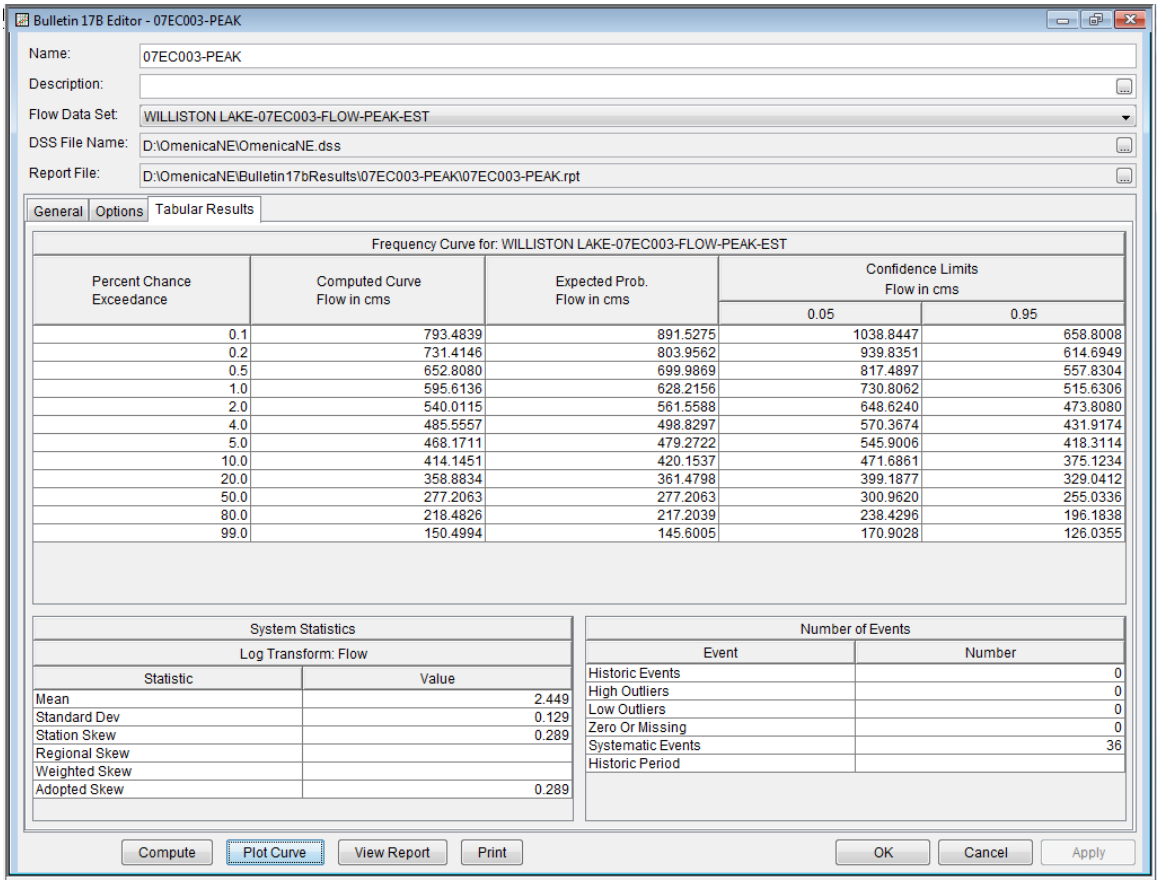
Duration Analysis, plotting function.



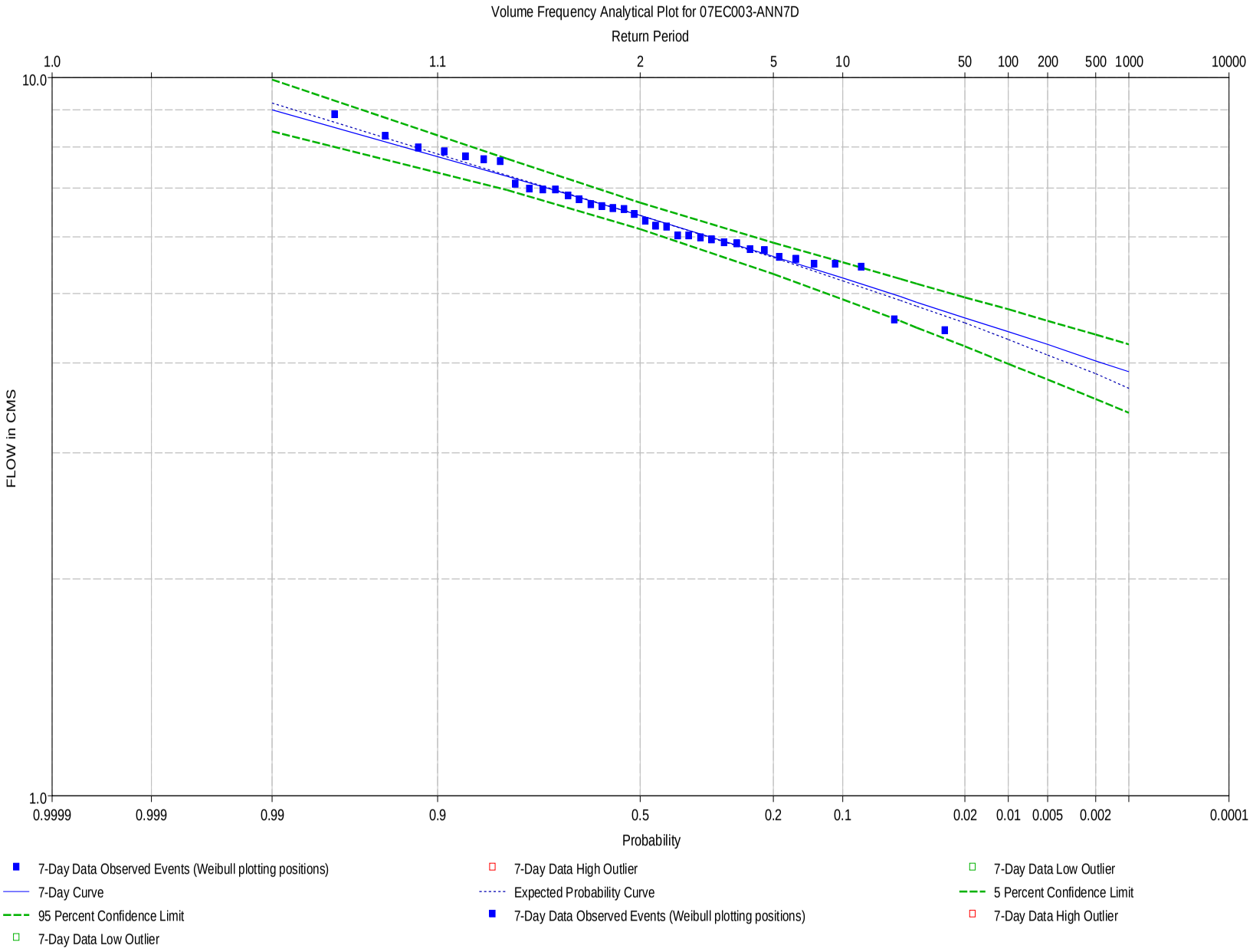
Graphics

The graphics package in HEC SSP can display frequency curve plots. The frequency curve displays the results of the frequency analysis including the computed curve(s); the expected probability curve; confidence limits; and the raw data points plotted based on selected plotting position methods. The tabular output presents computed frequency curves, confidence limits, and summary statistics. The software also produces a report file for each analysis. This report file consists of input data; preliminary results; statistical tests; and final results. Examples of frequency curves, flow duration curves, tabular output in PDFs and report files in text file format are presented in Appendix A-2. A few snap shots of frequency curve and tabular output from HEC-SSP are presented below.




Bulletin 17B Editor - 07EC003-PEAK
Name: 07EC003-PEAK
Description:
Flow Data Set: WILLISTON LAKE-07EC003-FLOW-PEAK-EST
DSS File Name: D:\OmenicaNE\OmenicaNE.dss
Report File: D:\OmenicaNE\Bulletin17bResults\07EC003-PEAK\07EC003-PEAK.rpt
General
Options
Tabular Results
Frequency Curve for: WILLISTON LAKE-07EC003-FLOW-PEAK-EST
Percent Chance Exceedance
Computed Curve Flow in cms
Expected Prob. Flow in cms
Confidence Limits Flow in cms
0.05
0.95
0.1 793.4839 891.5275 1038.8447 658.8008
0.2 731.4146 803.9562 939.8351 614.6949
0.5 652.8080 699.9869 817.4897 557.8304
1.0 595.6136 628.2156 730.8062 515.6306
2.0 540.0115 561.5588 648.6240 473.8080
4.0 485.5557 498.8297 570.3674 431.9174
5.0 468.1711 479.2722 545.9006 418.3114
10.0 414.1451 420.1537 471.6861 375.1234
20.0 358.8834 361.4798 399.1877 329.0412
50.0 277.2063 277.2063 300.9620 255.0336
80.0 218.4826 217.2039 238.4296 196.1838
99.0 150.4994 145.6005 170.9028 126.0355
System Statistics
Log Transform: Flow
Statistic
Value
Mean 2.449
Standard Dev 0.129
Station Skew 0.289
Regional Skew
Weighted Skew
Adopted Skew 0.289
Number of Events
Event
Number
Historic Events 0
High Outliers 0
Low Outliers 0
Zero Or Missing 0
Systematic Events 36
Historic Period
Compute
Plot Curve
View Report
Print
OK
Cancel
Apply

A-2 Examples of HEC SSP Output


Volume Frequency Analytical Plot for 07EC003-ANN7D
Return Period
1.0
1.1
2
5
10
50
100
200
500
1000
10000
10.0
1.0
FLOW in CMS
0.9999
0.999
0.99
0.9
0.5
0.2
0.1
0.02
0.01
0.005
0.002
0.0001
Probability
7-Day Data Observed Events (Weibull plotting positions)
7-Day Data High Outlier
7-Day Data Low Outlier
7-Day Curve
Expected Probability Curve
5 Percent Confidence Limit
95 Percent Confidence Limit
7-Day Data Observed Events (Weibull plotting positions)
7-Day Data High Outlier
7-Day Data Low Outlier

HEC-SSP 2.0 - OmenicaNE

Volume Frequency Curves for 07EC003-ANN7D, Average Daily FLOW in CMS	
Percent Chance Exceedance	7
99.0	9.0085
80.0	7.2805
50.0	6.4149
20.0	5.6280
10.0	5.2467
5.0	4.9469
4.0	4.8621
2.0	4.6254
1.0	4.4202
0.5	4.2386
0.2	4.0264
0.1	3.8826

07EC003-ANN7D-REPORT

Volume-Duration Analysis
09 Jan 2014 04:02 PM

--- Input Data ---

Analysis Name: 07EC003-ANN7D
Description:

Data Set Name: WILLISTON LAKE-07EC003-FLOW-DAILY
DSS File Name: F:\OminecaNE Region\OmenicaNE\OmenicaNE.dss
DSS Pathname: /WILLISTON LAKE/07EC003/FLOW-DAILY//1DAY/MESILINKA RIVER ABOVE GOPHERHOLE CREEK/

Project Path: F:\OminecaNE Region\OmenicaNE
Report File Name: F:\OminecaNE Region\OmenicaNE\VolumeFrequencyAnalysisResults\07EC003-ANN7D\07EC003-ANN7D.rpt
Result File Name: F:\OminecaNE Region\OmenicaNE\VolumeFrequencyAnalysisResults\07EC003-ANN7D\07EC003-ANN7D.xml

Analyze Minimums

Analysis Year: Calendar Year

Record Start Date: 01 Jan 1976
Record End Date: 30 Dec 2011

User-Specified Durations
Duration: 7 days

Plotting Position Type: Weibull

Probability Distribution Type: Pearson Type III
Use Log Transform
Compute Expected Probability Curve

Upper Confidence Level: 0.05
Lower Confidence Level: 0.95

User-Specified Frequencies
Frequency: 99.0
Frequency: 80.0
Frequency: 50.0
Frequency: 20.0
Frequency: 10.0
Frequency: 5.0
Frequency: 4.0
Frequency: 2.0
Frequency: 1.0
Frequency: 0.5
Frequency: 0.2
Frequency: 0.1

Skew Option: Use Station Skew

Display ordinate values using 4 digits in fraction part of value

--- End of Input Data ---

```
======================================================================
Statistical Analysis of 7-day Minimum values
======================================================================

Note: Data are missing for all or part of 1 years in analysis period.


-----------------------
<< High Outlier Test >>
-----------------------
 Based on 36 events, 10 percent outlier test deviate K(N) = 2.639
                        Computed high outlier test value = 9.57822

          0 high outlier(s) identified above test value of 9.57822


----------------------
<< Low Outlier Test >>
----------------------
 Based on 36 events, 10 percent outlier test deviate K(N) = 2.639
                         Computed low outlier test value = 4.27027

           0 low outlier(s) identified below test value of 4.27027



--- Final Results ---

<< Plotting Positions >>
WILLISTON LAKE-07EC003-FLOW-DAILY (7-day Min)
```

Events Analyzed		Ordered Events			
	FLOW	Calendar		FLOW	Weibull
Day Mon Year	CMS	Rank	Year	CMS	Plot Pos
22 Apr 1976	4.4300	1	2004	8.8586	97.30
01 Apr 1977	6.8343	2	1992	8.2786	94.59
16 Mar 1978	6.1914	3	1997	7.9629	91.89
26 Feb 1979	5.7600	4	1983	7.8643	89.19
11 Apr 1980	6.0086	5	1995	7.7471	86.49
11 Mar 1981	7.6643	6	1981	7.6643	83.78
12 Feb 1982	6.6471	7	1998	7.6300	81.08
31 Dec 1983	7.8643	8	1987	7.1000	78.38
25 Feb 1984	6.3043	9	2006	6.9757	75.68
24 Mar 1985	5.9329	10	1988	6.9714	72.97
03 Mar 1986	5.4871	11	2005	6.9543	70.27
21 Apr 1987	7.1000	12	1977	6.8343	67.57
10 Feb 1988	6.9714	13	1993	6.7429	64.86
25 Mar 1989	6.2114	14	1982	6.6471	62.16
21 Feb 1990	6.0086	15	2001	6.6014	59.46
18 Mar 1991	6.4300	16	2000	6.5714	56.76
27 Feb 1992	8.2786	17	2002	6.5314	54.05
20 Mar 1993	6.7429	18	1991	6.4300	51.35
28 Feb 1994	5.8871	19	1984	6.3043	48.65
17 Mar 1995	7.7471	20	1989	6.2114	45.95
05 Apr 1996	5.6029	21	1978	6.1914	43.24
19 Mar 1997	7.9629	22	1980	6.0086	40.54
15 Apr 1998	7.6300	23	1990	6.0086	37.84

15 Apr 1999	5.7286	24	2009	5.9786	35.14
06 Mar 2000	6.5714	25	1985	5.9329	32.43
29 Mar 2001	6.6014	26	1994	5.8871	29.73
31 Mar 2002	6.5314	27	2003	5.8700	27.03
18 Apr 2003	5.8700	28	1979	5.7600	24.32
30 Mar 2004	8.8586	29	1999	5.7286	21.62
15 Apr 2005	6.9543	30	1996	5.6029	18.92
31 Dec 2006	6.9757	31	2010	5.5800	16.22
28 Feb 2007	5.4814	32	1986	5.4871	13.51
24 Apr 2008	5.4386	33	2007	5.4814	10.81
13 Apr 2009	5.9786	34	2008	5.4386	8.11
14 Apr 2010	5.5800	35	2011	4.5900	5.41
21 Apr 2011	4.5900	36	1976	4.4300	2.70

<< Skew Weighting >>

Based on 36 events, mean-square error of station skew = 0.149
Mean-square error of regional skew is undefined.

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-DAILY (7-day Min)

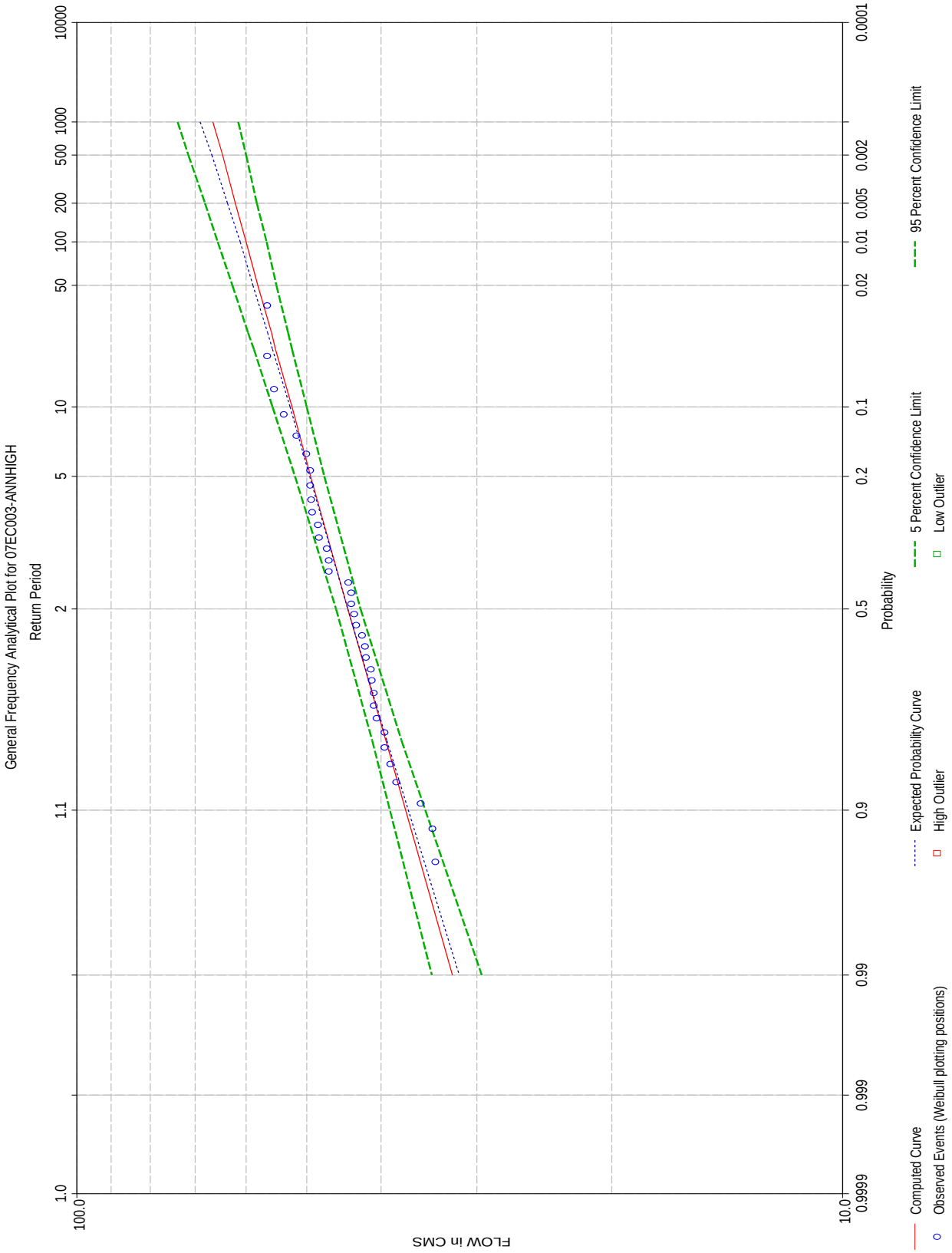
Computed Curve FLOW, CMS	Expected Probability	Percent Chance Non-Exceedance	Confidence Limits 0.05 FLOW, CMS	0.95
9.0085	9.1910	99.0	9.9149	8.4136
7.2805	7.3041	80.0	7.6963	6.9592
6.4149	6.4149	50.0	6.6962	6.1469
5.6280	5.6081	20.0	5.8870	5.3252
5.2467	5.2106	10.0	5.5210	4.9073
4.9469	4.8923	5.0	5.2393	4.5754
4.8621	4.8008	4.0	5.1602	4.4814
4.6254	4.5424	2.0	4.9403	4.2193
4.4202	4.3137	1.0	4.7500	3.9929
4.2386	4.1071	0.5	4.5817	3.7936
4.0264	3.8601	0.2	4.3847	3.5624
3.8826	3.6883	0.1	4.2508	3.4068

<< Systematic Statistics >>
WILLISTON LAKE-07EC003-FLOW-DAILY (7-day Min)

Log Transform: FLOW, CMS		Number of Events	
Mean	0.8059	Historic Events	0
Standard Dev	0.0665	High Outliers	0
Station Skew	-0.1192	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	0
Adopted Skew	-0.1192	Systematic Events	36

--- End of Analytical Frequency Curve ---

Note: No ordinates specified for graphical frequency curve


General Frequency Analytical Plot for 07EC003-ANNHIGH
Return Period
Probability
FLOW in CMS
100.0
10.0
1.0
0.9999
10000
1000
500
200
100
50
10
5
2
1.1
0.0001
0.002
0.005
0.01
0.02
0.1
0.2
0.5
0.9
0.99
0.999
Computed Curve
Observed Events (Weibull plotting positions)
Expected Probability Curve
High Outlier
5 Percent Confidence Limit
Low Outlier
95 Percent Confidence Limit

07EC003-ANNHIGH-REPORT

General Frequency Analysis
09 Jan 2014 03:03 PM

--- Input Data ---

Analysis Name: 07EC003-ANNHIGH
Description:

Data Set Name: WILLISTON LAKE-07EC003-FLOW-ANNMEAN
DSS File Name: F:\OminecaNE Region\OmenicaNE\OmenicaNE.dss
DSS Pathname: /WILLISTON LAKE/07EC003/FLOW-ANNMEAN/01JAN1976/IR-YEAR/MESILINKA RIVER ABOVE GOPHERHOLE CREEK/

Start Date:
End Date:

Project Path: F:\OminecaNE Region\OmenicaNE
Report File Name: F:\OminecaNE Region\OmenicaNE\GeneralFrequencyResults\07EC003-ANNHIGH\07EC003-ANNHIGH.rpt
Result File Name: F:\OminecaNE Region\OmenicaNE\GeneralFrequencyResults\07EC003-ANNHIGH\07EC003-ANNHIGH.xml

Plotting Position Type: Weibull

Probability Distribution Type: Pearson Type III
Use Log Transform
Compute Expected Probability Curve

Upper Confidence Level: 0.05
Lower Confidence Level: 0.95

Skew Option: Use Station Skew
Regional Skew: ---
Regional Skew MSE: ---

User-Specified Frequencies
Frequency: 0.1
Frequency: 0.2
Frequency: 0.5
Frequency: 1.0
Frequency: 2.0
Frequency: 4.0
Frequency: 5.0
Frequency: 10.0
Frequency: 20.0
Frequency: 50.0
Frequency: 80.0
Frequency: 99.0

Display ordinate values using 4 digits in fraction part of value

--- End of Input Data ---

--- Preliminary Results ---

Note: Adopted skew equals station skew and preliminary frequency statistics are for the conditional frequency curve because of zero or missing events.

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-ANNMEAN

Computed Curve FLOW, CMS	Expected Probability	Percent Chance Exceedance	Confidence Limits 0.05 FLOW, CMS	0.95
66.2144	68.7981	0.1	73.7699	61.4408
64.4667	66.5584	0.2	71.3833	60.0543
62.0440	63.5659	0.5	68.1075	58.1158
60.1042	61.2586	1.0	65.5144	56.5483
58.0446	58.8831	2.0	62.7928	54.8663
55.8266	56.4008	4.0	59.9028	53.0305
55.0696	55.5696	5.0	58.9271	52.3969
52.5376	52.8376	10.0	55.7108	50.2465
49.6070	49.7547	20.0	52.0978	47.6765
44.3930	44.3930	50.0	46.1018	42.7516
39.6621	39.5399	80.0	41.2662	37.7696
32.3799	31.7158	99.0	34.4646	29.6390

<< Conditional Statistics >>
WILLISTON LAKE-07EC003-FLOW-ANNMEAN

Log Transform: FLOW, CMS		Number of Events	
Mean	1.6468	Historic Events	0
Standard Dev	0.0577	High Outliers	0
Station Skew	-0.0523	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	1
Adopted Skew	-0.0523	Systematic Events	36

<< Conditional Probability Adjusted Ordinates >>

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-ANNMEAN

Computed Curve FLOW, CMS	Expected Probability	Percent Chance Exceedance	Confidence Limits 0.05 FLOW, CMS	0.95
66.1445	---	0.1	---	---
64.3941	---	0.2	---	---
61.9669	---	0.5	---	---
60.0229	---	1.0	---	---
57.9578	---	2.0	---	---
55.7323	---	4.0	---	---
54.9719	---	5.0	---	---
52.4273	---	10.0	---	---
49.4753	---	20.0	---	---
44.1819	---	50.0	---	---
39.2099	---	80.0	---	---
---	---	99.0	---	---

--- End of Preliminary Results ---

<< Low Outlier Test >>

Based on 35 events, 10 percent outlier test deviate K(N) = 2.628
Computed low outlier test value = 31.26604

0 low outlier(s) identified below test value of 31.26604

Based on statistics after 0 zero events and 1 missing events were deleted.

<< High Outlier Test >>

Based on 35 events, 10 percent outlier test deviate K(N) = 2.628
Computed high outlier test value = 62.88567

0 high outlier(s) identified above test value of 62.88567

Note: Statistics and frequency curve were modified
using conditional probablity adjustment.

--- Final Results ---

<< Plotting Positions >>
WILLISTON LAKE-07EC003-FLOW-ANNMEAN

Events Analyzed		Ordered Events			
Day Mon Year	FLOW CMS	Rank	Water Year	FLOW CMS	Weibull Plot Pos
31 Dec 1976	56.3000	1	1977	56.3000	2.70
31 Dec 1977	43.3000	2	1997	56.2000	5.41
31 Dec 1978	35.5000	3	1988	55.2000	8.11
31 Dec 1979	40.8000	4	2003	53.5000	10.81
31 Dec 1980	39.5000	5	1998	51.5000	13.51
31 Dec 1981	48.1000	6	2002	50.0000	16.22
31 Dec 1982	46.8000	7	2008	49.5000	18.92
31 Dec 1983	43.7000	8	1989	49.5000	21.62
31 Dec 1984	48.3000	9	1991	49.3000	24.32
31 Dec 1985	38.2000	10	1993	49.1000	27.03
31 Dec 1986	41.1000	11	1985	48.3000	29.73
31 Dec 1987	55.2000	12	1982	48.1000	32.43
31 Dec 1988	49.5000	13	2000	47.1000	35.14
31 Dec 1989	39.6000	14	2004	46.8000	37.84
31 Dec 1990	49.3000	15	1983	46.8000	40.54
31 Dec 1991	42.3000	16	2001	44.1000	43.24
31 Dec 1992	49.1000	17	2009	43.7000	45.95
31 Dec 1993	40.8000	18	1984	43.7000	48.65
31 Dec 1994	41.9000	19	1978	43.3000	51.35
31 Dec 1995	40.5000	20	2006	43.1000	54.05
31 Dec 1996	56.2000	21	1992	42.3000	56.76
31 Dec 1997	51.5000	22	1995	41.9000	59.46
31 Dec 1998	41.8000	23	1999	41.8000	62.16

31 Dec 1999	47.1000	24	2005	41.2000	64.86
31 Dec 2000	44.1000	25	1987	41.1000	67.57
31 Dec 2001	50.0000	26	1994	40.8000	70.27
31 Dec 2002	53.5000	27	1980	40.8000	72.97
31 Dec 2003	46.8000	28	1996	40.5000	75.68
31 Dec 2004	41.2000	29	1990	39.6000	78.38
31 Dec 2005	43.1000	30	1981	39.5000	81.08
31 Dec 2006	33.9000	31	2010	38.9000	83.78
31 Dec 2007	49.5000	32	1986	38.2000	86.49
31 Dec 2008	43.7000	33	1979	35.5000	89.19
31 Dec 2009	38.9000	34	2011	34.2000	91.89
31 Dec 2010	34.2000	35	2007	33.9000	94.59
31 Dec 2011	---	36	2012	---	97.30

<< Skew Weighting >>

Based on 36 events, mean-square error of station skew = 0.143
Mean-square error of regional skew = -?

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-ANNMEAN

Computed Curve FLOW, CMS	Expected Probability FLOW, CMS	Percent Chance Exceedance	Confidence Limits 0.05 FLOW, CMS	Confidence Limits 0.95 FLOW, CMS
66.2638	68.8352	0.1	73.7739	61.4937
64.4742	66.5510	0.2	71.3394	60.0712
61.9993	63.5067	0.5	68.0061	58.0875
60.0228	61.1637	1.0	65.3742	56.4875
57.9293	58.7562	2.0	62.6185	54.7748
55.6805	56.2453	4.0	59.6994	52.9103
54.9143	55.4056	5.0	58.7157	52.2680
52.3568	52.6509	10.0	55.4787	50.0926
49.4061	49.5506	20.0	51.8536	47.5018
44.1819	44.1819	50.0	45.8626	42.5652
39.4691	39.3513	80.0	41.0502	37.6085
32.2642	31.6293	99.0	34.3138	29.5816

<< Synthetic Statistics >>
WILLISTON LAKE-07EC003-FLOW-ANNMEAN

Log Transform: FLOW, CMS		Number of Events	
Mean	1.6449	Historic Events	0
Standard Dev	0.0579	High Outliers	0
Station Skew	-0.0330	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	1
Adopted Skew	-0.0330	Systematic Events	36

--- End of Analytical Frequency Curve ---

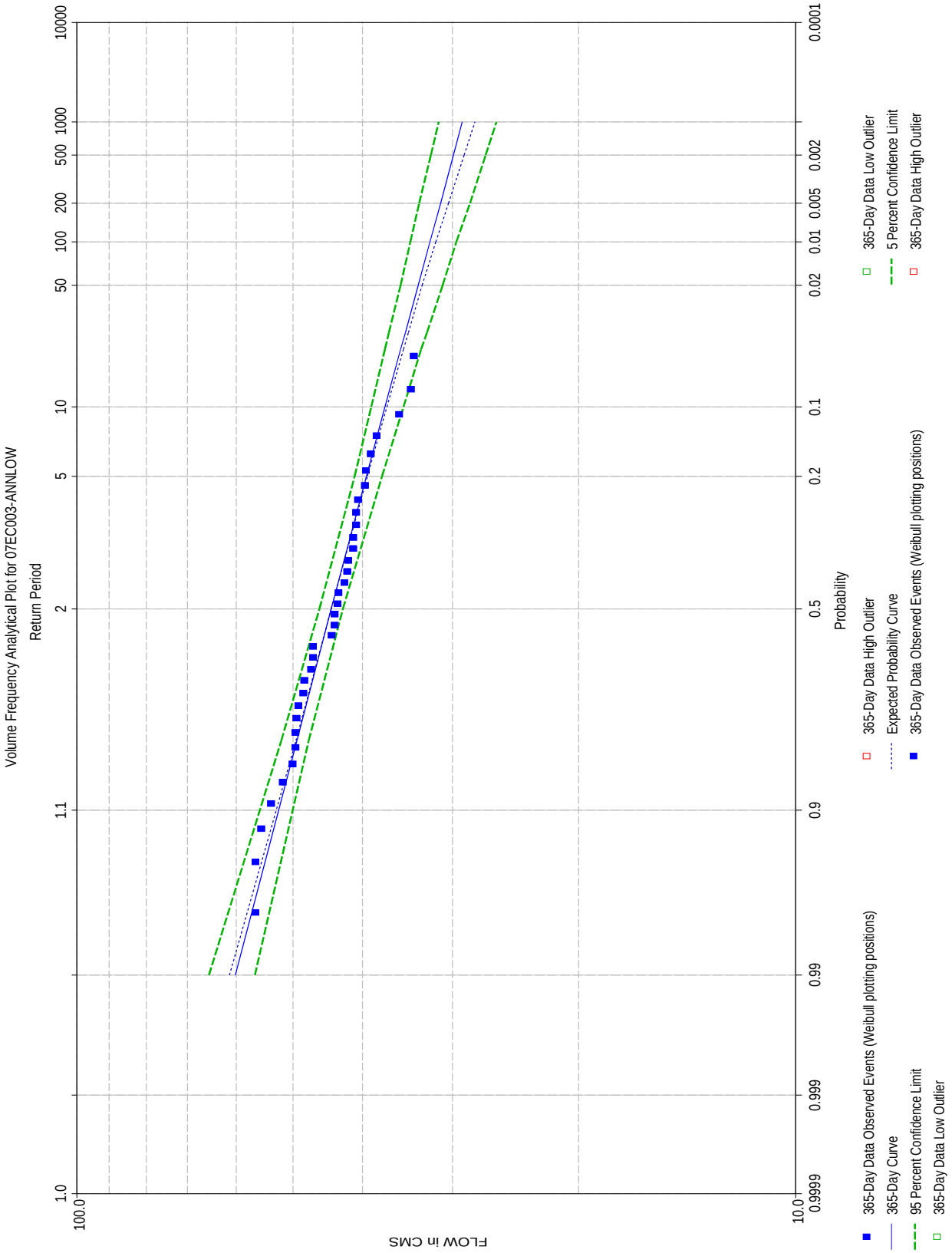
Note: No ordinates specified for graphical frequency curve

Tabular Results 07EC003-ANNHIGH

Percent Chance Exceedance	Curve based on Data				Curve based on User-Adjusted Statistics			
	Computed Curve FLOW in CMS	Expected Prob. FLOW in CMS	Confidence Limits FLOW in CMS		Computed Curve FLOW in CMS	Expected Prob. FLOW in CMS	Confidence Limits FLOW in CMS	
			0.05	0.95			0.95	0.05
0.1	66.2638	68.8352	73.7739	61.4937				
0.2	64.4742	66.5510	71.3394	60.0712				
0.5	61.9993	63.5067	68.0061	58.0875				
1.0	60.0228	61.1637	65.3742	56.4875				
2.0	57.9293	58.7562	62.6185	54.7748				
4.0	55.6805	56.2453	59.6994	52.9103				
5.0	54.9143	55.4056	58.7157	52.2680				
10.0	52.3568	52.6509	55.4787	50.0926				
20.0	49.4061	49.5506	51.8536	47.5018				
50.0	44.1819	44.1819	45.8626	42.5652				
80.0	39.4691	39.3513	41.0502	37.6085				
99.0	32.2642	31.6293	34.3138	29.5816				

System Statistics	
Statistic	Value
Mean	1.6449
Standard Dev	0.0579
Station Skew	-0.0330
Regional Skew	
Weighted Skew	
Adopted Skew	-0.0330

Number of Events	
Event	Number
Historic Events	0
High Outliers	0
Low Outliers	0
Zero Or Missing	1
Systematic Events	36
Historic Period	


Volume Frequency Analytical Plot for 07EC003-ANNLOW
Return Period
Probability
FLOW in CMS
100.0
10.0
1.0
0.9999
10000
0.0001
50
0.02
10
0.1
5
0.2
2
0.5
1.1
0.9
0.999
0.99
100
0.01
200
0.005
500
0.002
1000
365-Day Data Observed Events (Weibull plotting positions)
365-Day Curve
95 Percent Confidence Limit
365-Day Data Low Outlier
365-Day Data High Outlier
Expected Probability Curve
5 Percent Confidence Limit
365-Day Data Observed Events (Weibull plotting positions)
365-Day Data Low Outlier
365-Day Data High Outlier

07EC003-ANNLOW-REPORT

Volume-Duration Analysis
09 Jan 2014 04:21 PM

--- Input Data ---

Analysis Name: 07EC003-ANNLOW
Description:

Data Set Name: WILLISTON LAKE-07EC003-FLOW-DAILY
DSS File Name: F:\OminecaNE Region\OmenicaNE\OmenicaNE.dss
DSS Pathname: /WILLISTON LAKE/07EC003/FLOW-DAILY//1DAY/MESILINKA RIVER ABOVE GOPHERHOLE CREEK/

Project Path: F:\OminecaNE Region\OmenicaNE
Report File Name: F:\OminecaNE Region\OmenicaNE\VolumeFrequencyAnalysisResults\07EC003-ANNLOW\07EC003-ANNLOW.rpt
Result File Name: F:\OminecaNE Region\OmenicaNE\VolumeFrequencyAnalysisResults\07EC003-ANNLOW\07EC003-ANNLOW.xml

Analyze Minimums

Analysis Year: Calendar Year

Record Start Date: 01 Jan 1976
Record End Date: 30 Dec 2011

User-Specified Durations
Duration: 365 days

Plotting Position Type: Weibull

Probability Distribution Type: Pearson Type III
Use Log Transform
Compute Expected Probability Curve

Upper Confidence Level: 0.05
Lower Confidence Level: 0.95

User-Specified Frequencies
Frequency: 99.0
Frequency: 80.0
Frequency: 50.0
Frequency: 20.0
Frequency: 10.0
Frequency: 5.0
Frequency: 4.0
Frequency: 2.0
Frequency: 1.0
Frequency: 0.5
Frequency: 0.2
Frequency: 0.1

Skew Option: Use Station Skew

Display ordinate values using 4 digits in fraction part of value

--- End of Input Data ---

```
======================================================================
Statistical Analysis of 365-day Minimum values
======================================================================

Note: Data are missing for all or part of 1 years in analysis period.


Warning: 36 events occur in first 370 days of analysis year for 365-day duration.

Suggest reviewing data and changing the year/season specification on the General
tab to capture independent max/min volumes.

--- Preliminary Results ---

Note: Adopted skew equals station skew and preliminary
frequency statistics are for the conditional frequency curve
because of zero or missing events.
```

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-DAILY (365-day Min)

Computed Curve FLOW, CMS	Expected Probability	Percent Chance Non-Exceedance	Confidence Limits 0.05 FLOW, CMS	Confidence Limits 0.95 FLOW, CMS
60.1042	61.2586	99.0	65.5144	56.5483
49.6070	49.7547	80.0	52.0978	47.6765
44.3930	44.3930	50.0	46.1018	42.7516
39.6621	39.5399	20.0	41.2662	37.7696
37.3686	37.1454	10.0	39.0784	35.2305
35.5627	35.2233	5.0	37.3942	33.2082
35.0512	34.6707	4.0	36.9210	32.6340
33.6218	33.1053	2.0	35.6044	31.0298
32.3799	31.7158	1.0	34.4646	29.6390
31.2788	30.4561	0.5	33.4550	28.4104
29.9884	28.9432	0.2	32.2714	26.9781
29.1113	27.8876	0.1	31.4657	26.0101

<< Conditional Statistics >>
WILLISTON LAKE-07EC003-FLOW-DAILY (365-day Min)

Log Transform: FLOW, CMS		Number of Events	
Mean	1.6468	Historic Events	0
Standard Dev	0.0577	High Outliers	0
Station Skew	-0.0523	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	1
Adopted Skew	-0.0523	Systematic Events	36

<< Conditional Probability Adjusted Ordinates >>

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-DAILY (365-day Min)

07EC003-ANNLOW-REPORT

Computed Curve FLOW, CMS	Expected Probability	Percent Chance Non-Exceedance	Confidence Limits 0.05 FLOW, CMS	0.95
---	---	99.0	---	---
50.1581	---	80.0	---	---
44.6046	---	50.0	---	---
39.7702	---	20.0	---	---
37.4502	---	10.0	---	---
35.6292	---	5.0	---	---
35.1142	---	4.0	---	---
33.6758	---	2.0	---	---
32.4273	---	1.0	---	---
31.3211	---	0.5	---	---
30.0256	---	0.2	---	---
29.1455	---	0.1	---	---

--- End of Preliminary Results ---

<< High Outlier Test >>

Based on 35 events, 10 percent outlier test deviate K(N) = 2.628
Computed high outlier test value = 62.88567

0 high outlier(s) identified above test value of 62.88567

<< Low Outlier Test >>

Based on 35 events, 10 percent outlier test deviate K(N) = 2.628
Computed low outlier test value = 31.26604

0 low outlier(s) identified below test value of 31.26604

Based on statistics after 0 zero events and 1 missing events were deleted.

Note: Statistics and frequency curve were modified
using conditional probablity adjustment.

--- Final Results ---

<< Plotting Positions >>
WILLISTON LAKE-07EC003-FLOW-DAILY (365-day Min)

Events Analyzed Day Mon Year	FLOW CMS	Ordered Events Rank	Calendar Year	FLOW CMS	Weibull Plot Pos
30 Dec 1976	56.3000	1	1976	56.3000	97.30
31 Dec 1977	43.3000	2	1996	56.2000	94.59
07 Sep 1978	35.5000	3	1987	55.2000	91.89

18 Jun 1979	40.8000		4	2002	53.5000	89.19
19 Sep 1980	39.5000		5	1997	51.5000	86.49
20 May 1981	48.1000		6	2001	50.0000	83.78
08 Jun 1982	46.8000		7	2007	49.5000	81.08
31 Dec 1983	43.7000		8	1988	49.5000	78.38
07 Jun 1984	48.3000		9	1990	49.3000	75.68
31 Dec 1985	38.2000		10	1992	49.1000	72.97
06 Jun 1986	41.1000		11	1984	48.3000	70.27
01 Jan 1987	55.2000		12	1981	48.1000	67.57
31 Dec 1988	49.5000		13	1999	47.1000	64.86
31 Dec 1989	39.6000		14	2003	46.8000	62.16
20 May 1990	49.3000		15	1982	46.8000	59.46
26 Jul 1991	42.3000		16	2000	44.1000	56.76
29 May 1992	49.1000		17	2008	43.7000	54.05
31 Dec 1993	40.8000		18	1983	43.7000	51.35
06 Jun 1994	41.9000		19	1977	43.3000	48.65
31 Dec 1995	40.5000		20	2005	43.1000	45.95
31 May 1996	56.2000		21	1991	42.3000	43.24
25 Oct 1997	51.5000		22	1994	41.9000	40.54
31 Dec 1998	41.8000		23	1998	41.8000	37.84
09 Jun 1999	47.1000		24	2004	41.2000	35.14
27 Jun 2000	44.1000		25	1986	41.1000	32.43
26 May 2001	50.0000		26	1993	40.8000	29.73
10 Jan 2002	53.5000		27	1979	40.8000	27.03
21 Oct 2003	46.8000		28	1995	40.5000	24.32
16 Nov 2004	41.2000		29	1989	39.6000	21.62
19 Apr 2005	43.1000		30	1980	39.5000	18.92
31 Dec 2006	33.9000		31	2009	38.9000	16.22
03 Jun 2007	49.5000		32	1985	38.2000	13.51
09 Aug 2008	43.7000		33	1978	35.5000	10.81
04 Jun 2009	38.9000		34	2010	34.2000	8.11
28 Sep 2010	34.2000		35	2006	33.9000	5.41
22 May 2011	-?		36	2011	-?	2.70

<< Skew Weighting >>

Based on 36 events, mean-square error of station skew = 0.143
Mean-square error of regional skew is undefined.

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-DAILY (365-day Min)

Computed Curve FLOW, CMS	Expected Probability	Percent Chance Non-Exceedance	Confidence Limits 0.05 FLOW, CMS	0.95
60.0228	61.1637	99.0	65.3742	56.4875
49.4061	49.5506	80.0	51.8536	47.5018
44.1819	44.1819	50.0	45.8626	42.5652
39.4691	39.3513	20.0	41.0502	37.6085
37.1937	36.9791	10.0	38.8785	35.0947
35.4061	35.0803	5.0	37.2096	33.0975
34.9005	34.5355	4.0	36.7412	32.5311
33.4889	32.9945	2.0	35.4393	30.9503
32.2642	31.6293	1.0	34.3138	29.5816
31.1796	30.3943	0.5	33.3181	28.3737
29.9102	28.9139	0.2	32.1522	26.9669
29.0484	27.8834	0.1	31.3595	26.0170

<< Synthetic Statistics >>
WILLISTON LAKE-07EC003-FLOW-DAILY (365-day Min)

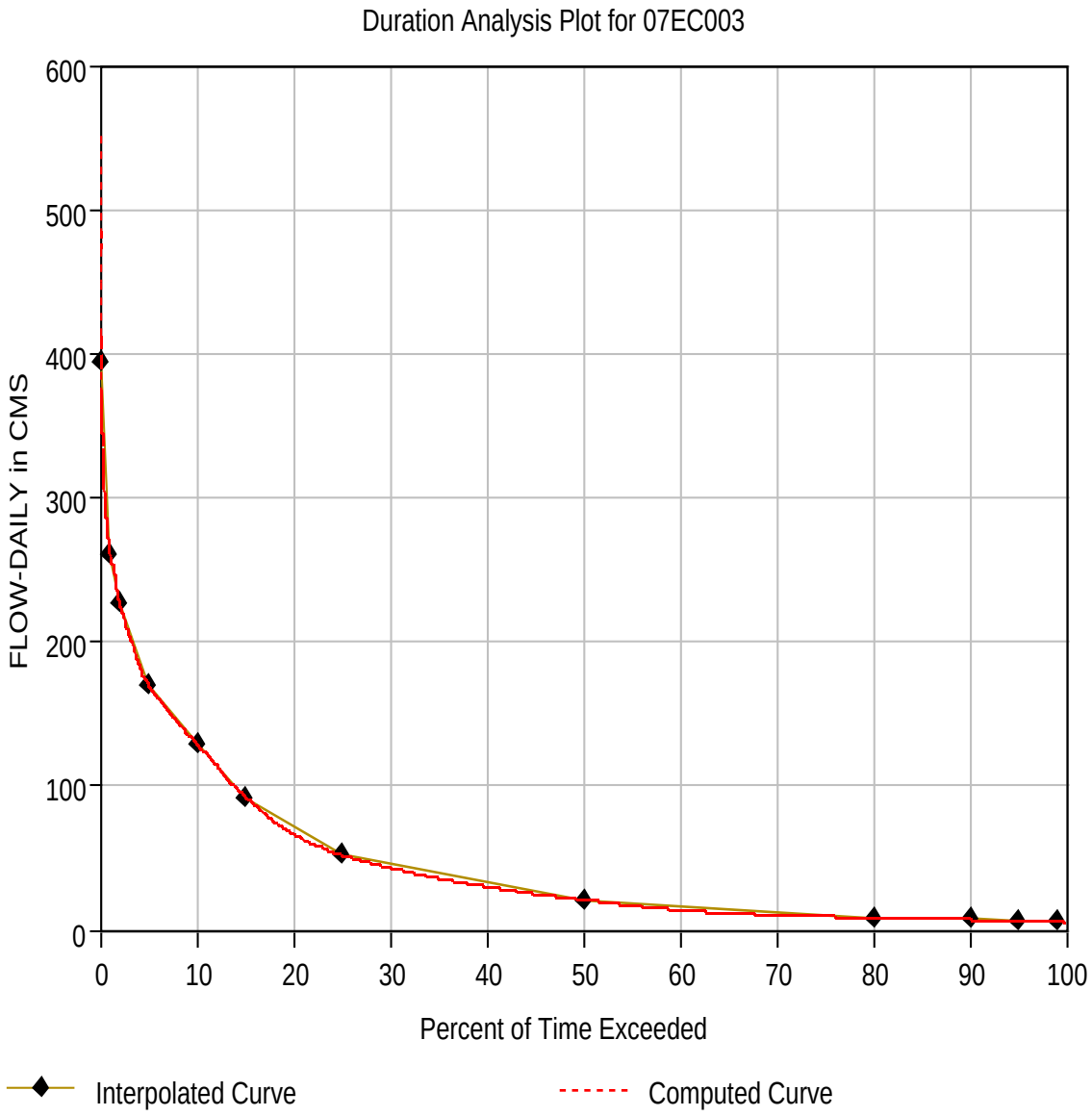
Log Transform: FLOW, CMS		Number of Events	
Mean	1.6449	Historic Events	0
Standard Dev	0.0579	High Outliers	0
Station Skew	-0.0330	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	1
Adopted Skew	-0.0330	Systematic Events	36

--- End of Analytical Frequency Curve ---

Note: No ordinates specified for graphical frequency curve

HEC-SSP 2.0 - OmenicaNE

Volume Frequency Curves for 07EC003-ANNLOW, Average Daily FLOW in CMS	
Percent Chance Exceedance	365
99.0	60.0228
80.0	49.4061
50.0	44.1819
20.0	39.4691
10.0	37.1937
5.0	35.4061
4.0	34.9005
2.0	33.4889
1.0	32.2642
0.5	31.1796
0.2	29.9102
0.1	29.0484


Duration Analysis Plot for 07EC003
600
500
400
300
200
100
0
FLOW-DAILY in CMS
0
10
20
30
40
50
60
70
80
90
100
Percent of Time Exceeded
Interpolated Curve
Computed Curve

07EC003-FLOW DURATION-REPORT

Duration Analysis
14 Jan 2014 04:28 PM

--- Input Data ---

Analysis Name: 07EC003
Description:

DSS File Name: F:\OminecaNE Region\OmenicaNE\OmenicaNE.dss
DSS Pathname: /WILLISTON LAKE/07EC003/FLOW-DAILY/01JAN1976/1DAY/MESILINKA RIVER ABOVE GOPHERHOLE CREEK/

Project Path: F:\OminecaNE Region\OmenicaNE
Report File Name: F:\OminecaNE Region\OmenicaNE\DurationAnalysisResults\07EC003\07EC003.rpt
Result File Name: F:\OminecaNE Region\OmenicaNE\DurationAnalysisResults\07EC003\07EC003.xml

Duration Analysis Method: Standard

Duration Plot Position Method: Rank/(N+1)

X-Axis Scale: Linear

Y-Axis Scale: Linear

Duration Period: Annual

Use User-Specified Percent Exceedance
Percent Exceedance: 99.0
Percent Exceedance: 95.0
Percent Exceedance: 90.0
Percent Exceedance: 80.0
Percent Exceedance: 50.0
Percent Exceedance: 25.0
Percent Exceedance: 15.0
Percent Exceedance: 10.0
Percent Exceedance: 5.0
Percent Exceedance: 2.0
Percent Exceedance: 1.0
Percent Exceedance: 0.1

Display ordinate values using 4 digits in fraction part of value

--- End of Input Data ---

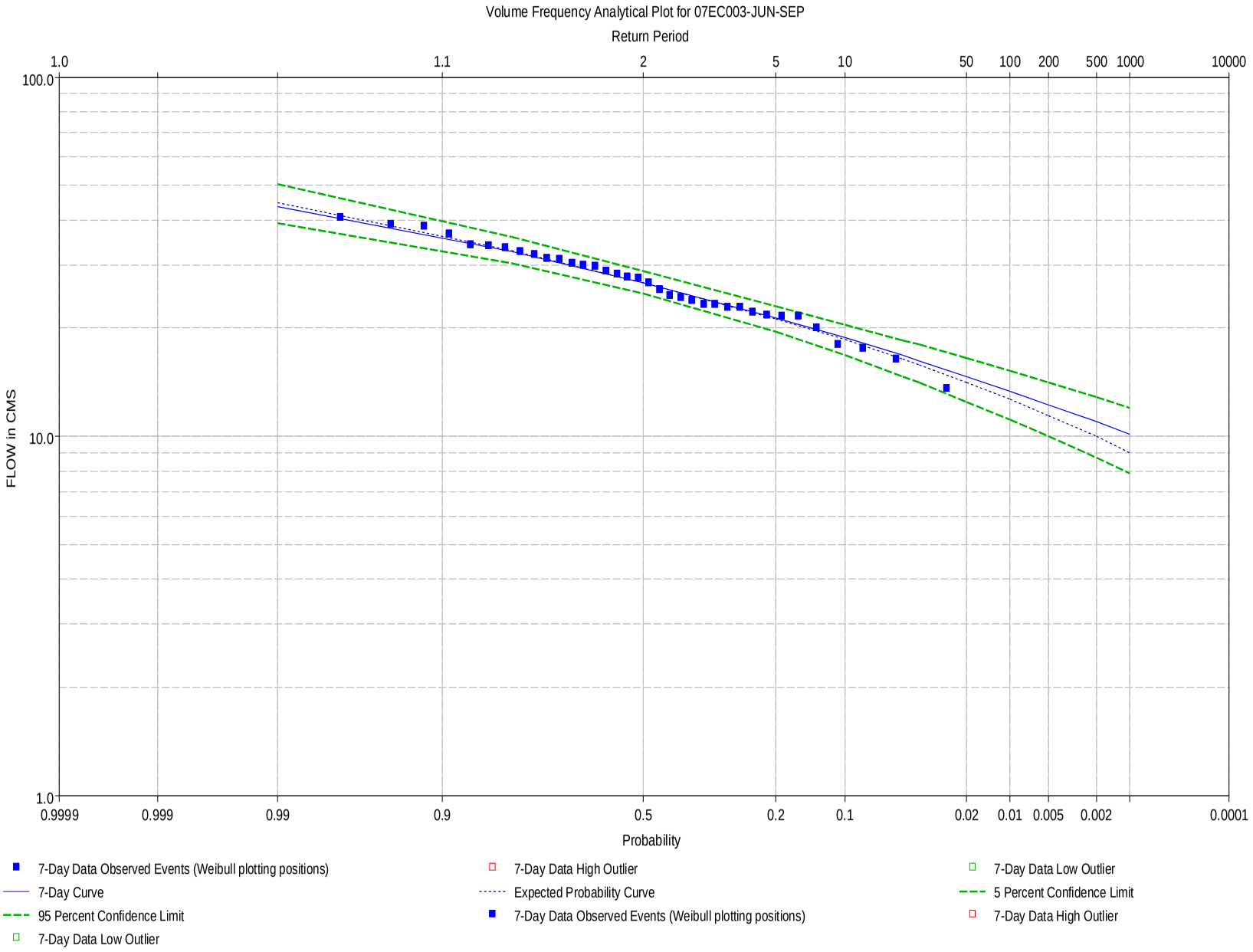
Annual Duration Analysis

Time Period: 01Jan - 31Dec

Number Valid Values:	13148
Number Missing Values:	0
Minimum Value:	4.3900
Maximum Value:	551.0000

07EC003-FLOW DURATION-REPORT

Percent of Time Exceeded	FLOW-DAILY CMS
99.0	5.7400
95.0	6.5845
90.0	7.1500
80.0	8.3800
50.0	20.9000
25.0	51.7000
15.0	92.5000
10.0	129.0000
5.0	170.0000
2.0	227.0000
1.0	261.5100
0.1	393.8080


Volume Frequency Analytical Plot for 07EC003-JUN-SEP
Return Period
1.0
1.1
2
5
10
50
100
200
500
1000
10000
100.0
10.0
1.0
FLOW in CMS
0.9999
0.999
0.99
0.9
0.5
0.2
0.1
0.02
0.01
0.005
0.002
0.0001
Probability
7-Day Data Observed Events (Weibull plotting positions)
7-Day Data High Outlier
7-Day Data Low Outlier
7-Day Curve
Expected Probability Curve
5 Percent Confidence Limit
95 Percent Confidence Limit
7-Day Data Observed Events (Weibull plotting positions)
7-Day Data High Outlier
7-Day Data Low Outlier

07EC003-JUN-SEP-REPORT

Volume-Duration Analysis
09 Jan 2014 04:09 PM

--- Input Data ---

Analysis Name: 07EC003-JUN-SEP
Description:

Data Set Name: WILLISTON LAKE-07EC003-FLOW-DAILY
DSS File Name: F:\OminecaNE Region\OmenicaNE\OmenicaNE.dss
DSS Pathname: /WILLISTON LAKE/07EC003/FLOW-DAILY//1DAY/MESILINKA RIVER ABOVE GOPHERHOLE CREEK/

Project Path: F:\OminecaNE Region\OmenicaNE
Report File Name: F:\OminecaNE Region\OmenicaNE\VolumeFrequencyAnalysisResults\07EC003-JUN-SEP\07EC003-JUN-SEP.rpt
Result File Name: F:\OminecaNE Region\OmenicaNE\VolumeFrequencyAnalysisResults\07EC003-JUN-SEP\07EC003-JUN-SEP.xml

Analyze Minimums

Analysis Year: Calendar Year
Season Start Day: 01 Jun
Season End Day: 30 Sep

Record Start Date: 01 Jan 1976
Record End Date: 30 Dec 2011

User-Specified Durations
Duration: 7 days

Plotting Position Type: Weibull

Probability Distribution Type: Pearson Type III
Use Log Transform
Compute Expected Probability Curve

Upper Confidence Level: 0.05
Lower Confidence Level: 0.95

User-Specified Frequencies
Frequency: 99.0
Frequency: 80.0
Frequency: 50.0
Frequency: 20.0
Frequency: 10.0
Frequency: 5.0
Frequency: 4.0
Frequency: 2.0
Frequency: 1.0
Frequency: 0.5
Frequency: 0.2
Frequency: 0.1

Skew Option: Use Station Skew

Display ordinate values using 4 digits in fraction part of value

--- End of Input Data ---

```
=====================================================================
Statistical Analysis of 7-day Minimum values
=====================================================================

Note: Data are missing for all or part of 1 years in analysis period.


-----------------------
<< High Outlier Test >>
-----------------------
 Based on 36 events, 10 percent outlier test deviate K(N) = 2.639
                      Computed high outlier test value = 51.51811

        0 high outlier(s) identified above test value of 51.51811


-----------------------
<< Low Outlier Test >>
-----------------------
 Based on 36 events, 10 percent outlier test deviate K(N) = 2.639
                       Computed low outlier test value = 13.42965

         0 low outlier(s) identified below test value of 13.42965



--- Final Results ---

<< Plotting Positions >>
WILLISTON LAKE-07EC003-FLOW-DAILY (7-day Min)
```

Events Analyzed		Ordered Events			
	FLOW	Calendar		FLOW	Weibull
Day Mon Year	CMS	Rank	Year	CMS	Plot Pos
28 Sep 1976	28.2143	1	1996	40.5857	97.30
19 Sep 1977	22.8286	2	2000	38.9571	94.59
27 Sep 1978	21.5857	3	1997	38.4000	91.89
30 Sep 1979	33.5857	4	2011	36.6714	89.19
18 Sep 1980	28.7571	5	1994	34.1714	86.49
30 Sep 1981	23.3429	6	1987	33.9143	83.78
30 Sep 1982	29.7857	7	1979	33.5857	81.08
25 Sep 1983	31.0286	8	2002	32.7714	78.38
30 Sep 1984	32.1000	9	1984	32.1000	75.68
12 Sep 1985	26.7143	10	2004	31.1857	72.97
22 Sep 1986	22.1714	11	1983	31.0286	70.27
19 Sep 1987	33.9143	12	2001	30.2429	67.57
28 Sep 1988	20.0143	13	1991	30.0143	64.86
21 Sep 1989	21.6714	14	1982	29.7857	62.16
30 Sep 1990	17.6143	15	1980	28.7571	59.46
25 Sep 1991	30.0143	16	1976	28.2143	56.76
19 Sep 1992	17.9714	17	2003	27.7143	54.05
30 Sep 1993	22.8571	18	2007	27.5429	51.35
31 Aug 1994	34.1714	19	1985	26.7143	48.65
30 Sep 1995	21.8000	20	2009	25.6429	45.95
27 Sep 1996	40.5857	21	1999	24.6857	43.24

27 Aug 1997	38.4000	22	2005	24.4143	40.54
02 Sep 1998	23.8429	23	1998	23.8429	37.84
30 Sep 1999	24.6857	24	1981	23.3429	35.14
30 Sep 2000	38.9571	25	2008	23.3000	32.43
23 Sep 2001	30.2429	26	1993	22.8571	29.73
15 Sep 2002	32.7714	27	1977	22.8286	27.03
05 Sep 2003	27.7143	28	1986	22.1714	24.32
01 Sep 2004	31.1857	29	1995	21.8000	21.62
30 Sep 2005	24.4143	30	1989	21.6714	18.92
25 Sep 2006	13.6000	31	1978	21.5857	16.22
26 Sep 2007	27.5429	32	1988	20.0143	13.51
30 Sep 2008	23.3000	33	1992	17.9714	10.81
04 Sep 2009	25.6429	34	1990	17.6143	8.11
24 Sep 2010	16.4143	35	2010	16.4143	5.41
21 Sep 2011	36.6714	36	2006	13.6000	2.70

<< Skew Weighting >>

Based on 36 events, mean-square error of station skew = 0.178
Mean-square error of regional skew is undefined.

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-DAILY (7-day Min)

Computed Curve FLOW, CMS	Expected Probability	Percent Chance Non-Exceedance	Confidence Limits 0.05 FLOW, CMS	0.95
43.6098	44.6605	99.0	50.4589	39.2542
32.7118	32.8658	80.0	35.8925	30.3402
26.8201	26.8201	50.0	28.8257	24.9931
21.3910	21.2519	20.0	23.0458	19.5278
18.7899	18.5419	10.0	20.4671	16.7899
16.7798	16.4170	5.0	18.5115	14.6701
16.2188	15.8131	4.0	17.9680	14.0816
14.6749	14.1380	2.0	16.4719	12.4747
13.3669	12.6984	1.0	15.1992	11.1327
12.2375	11.4340	0.5	14.0928	9.9922
10.9556	9.9824	0.2	12.8249	8.7223
10.1128	9.0073	0.1	11.9823	7.9036

<< Systematic Statistics >>
WILLISTON LAKE-07EC003-FLOW-DAILY (7-day Min)

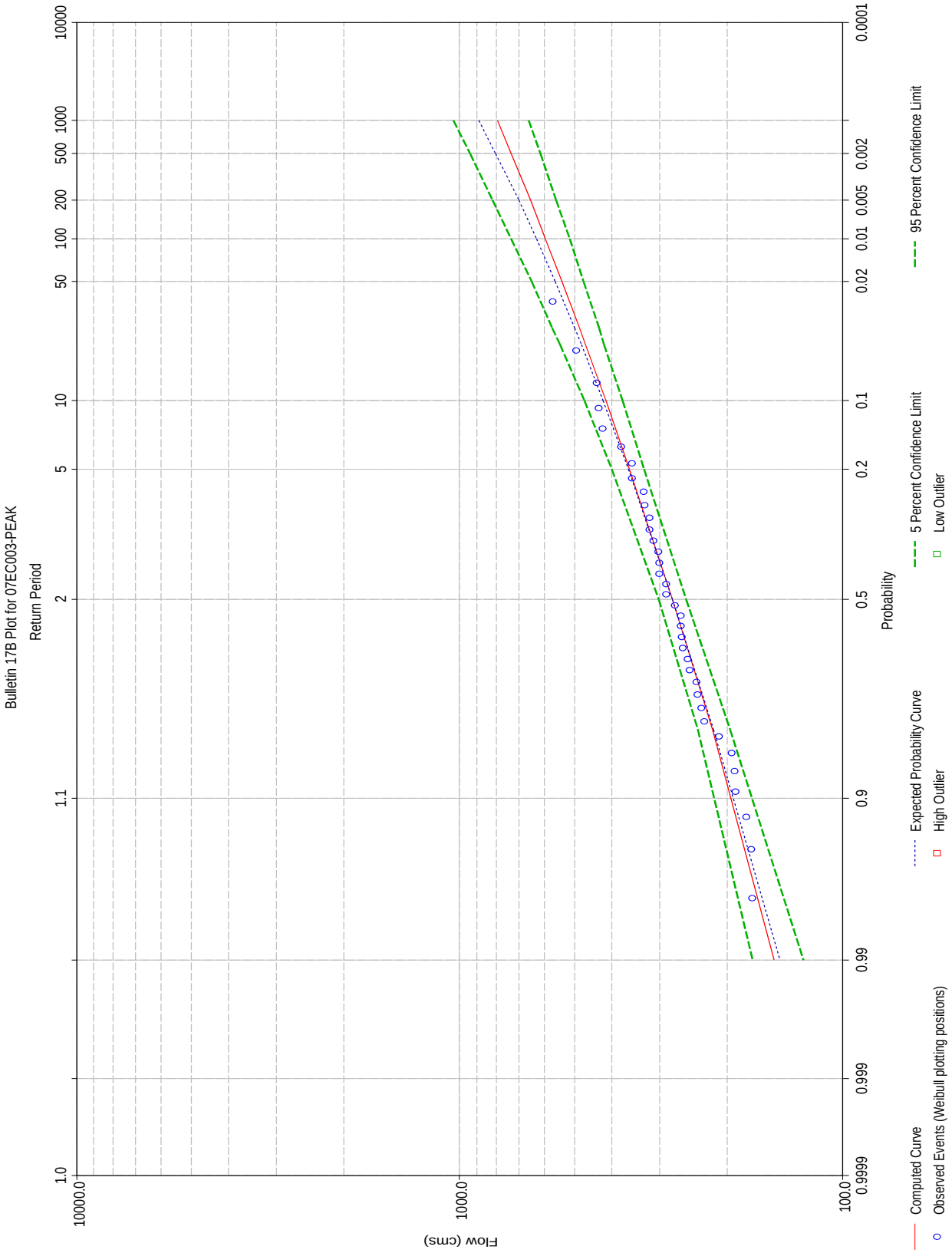
Log Transform: FLOW, CMS		Number of Events	
Mean	1.4200	Historic Events	0
Standard Dev	0.1106	High Outliers	0
Station Skew	-0.4597	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	0
Adopted Skew	-0.4597	Systematic Events	36

--- End of Analytical Frequency Curve ---

Note: No ordinates specified for graphical frequency curve

HEC-SSP 2.0 - OmenicaNE

Volume Frequency Curves for 07EC003-JUN-SEP, Average Daily FLOW in CMS	
Percent Chance Exceedance	7
99.0	43.6098
80.0	32.7118
50.0	26.8201
20.0	21.3910
10.0	18.7899
5.0	16.7798
4.0	16.2188
2.0	14.6749
1.0	13.3669
0.5	12.2375
0.2	10.9556
0.1	10.1128


Bulletin 17B Plot for 07EC003-PEAK
Return Period
1.0
1.1
2
5
10
50
100
200
500
1000
10000
Probability
0.9999
0.999
0.99
0.9
0.5
0.2
0.1
0.02
0.01
0.005
0.002
0.0001
Flow (cms)
10000.0
1000.0
100.0
Computed Curve
Observed Events (Weibull plotting positions)
Expected Probability Curve
High Outlier
5 Percent Confidence Limit
Low Outlier
95 Percent Confidence Limit

07EC003-PEAK-REPORT

Bulletin 17B Frequency Analysis
09 Jan 2014 02:54 PM

--- Input Data ---

Analysis Name: 07EC003-PEAK
Description:

Data Set Name: WILLISTON LAKE-07EC003-FLOW-PEAK-EST
DSS File Name: F:\OminecaNE Region\OmenicaNE\OmenicaNE.dss
DSS Pathname: /WILLISTON LAKE/07EC003/FLOW-PEAK-EST/01jan1900/IR-YEAR/MESILINKA RIVER ABOVE GOPHERHOLE CREEK/

Report File Name: F:\OminecaNE Region\OmenicaNE\Bulletin17bResults\07EC003-PEAK\07EC003-PEAK.rpt
XML File Name: F:\OminecaNE Region\OmenicaNE\Bulletin17bResults\07EC003-PEAK\07EC003-PEAK.xml

Start Date:
End Date:

Skew Option: Use Station Skew
Regional Skew: -Infinity
Regional Skew MSE: -Infinity

Plotting Position Type: Weibull

Upper Confidence Level: 0.05
Lower Confidence Level: 0.95

Use non-standard frequencies
Frequency: 0.1
Frequency: 0.2
Frequency: 0.5
Frequency: 1.0
Frequency: 2.0
Frequency: 4.0
Frequency: 5.0
Frequency: 10.0
Frequency: 20.0
Frequency: 50.0
Frequency: 80.0
Frequency: 99.0

Display ordinate values using 4 digits in fraction part of value

--- End of Input Data ---

<< Low Outlier Test >>

Based on 36 events, 10 percent outlier test deviate K(N) = 2.639
Computed low outlier test value = 128.76955

0 low outlier(s) identified below test value of 128.76955

07EC003-PEAK-REPORT

<< High Outlier Test >>

Based on 36 events, 10 percent outlier test deviate K(N) = 2.639
Computed high outlier test value = 613.98628

0 high outlier(s) identified above test value of 613.98628

--- Final Results ---

<< Plotting Positions >>
WILLISTON LAKE-07EC003-FLOW-PEAK-EST

Events Analyzed		Ordered Events			
Day Mon Year	FLOW CMS	Rank	Water Year	FLOW CMS	Weibull Plot Pos
02 Jul 1976	353.7866	1	1990	568.0000	2.70
20 Jun 1977	209.0000	2	2007	495.0000	5.41
05 Jun 1978	253.0000	3	2002	436.0000	8.11
04 Jun 1979	189.0000	4	1999	431.0000	10.81
18 Jun 1980	172.0000	5	1981	421.0000	13.51
28 May 1981	421.0000	6	1998	376.0000	16.22
15 Jun 1982	318.0000	7	1992	354.0000	18.92
02 Jun 1983	329.0000	8	1976	353.7866	21.62
14 Jun 1984	299.0000	9	1983	329.0000	24.32
02 Jul 1985	263.0000	10	1997	327.0000	27.03
08 Jun 1986	228.0000	11	1982	318.0000	29.73
23 Jun 1987	317.0000	12	1987	317.0000	32.43
10 Jun 1988	287.0000	13	2009	311.0000	35.14
06 Jun 1989	239.0000	14	2001	302.0000	37.84
02 Jun 1990	568.0000	15	2003	300.0000	40.54
28 Jun 1991	177.0000	16	1984	299.0000	43.24
16 Jun 1992	354.0000	17	2008	287.0000	45.95
22 May 1993	260.0000	18	1988	287.0000	48.65
09 Jun 1994	190.0000	19	1996	273.0000	51.35
29 May 1995	194.0000	20	2005	263.0000	54.05
07 Jun 1996	273.0000	21	1985	263.0000	56.76
06 Jun 1997	327.0000	22	2011	261.0000	59.46
30 May 1998	376.0000	23	1993	260.0000	62.16
17 Jun 1999	431.0000	24	1978	253.0000	64.86
14 Jun 2000	232.0000	25	2006	250.0000	67.57
17 Jun 2001	302.0000	26	1989	239.0000	70.27
16 Jun 2002	436.0000	27	2004	238.0000	72.97
02 Jul 2003	300.0000	28	2000	232.0000	75.68
07 Jun 2004	238.0000	29	1986	228.0000	78.38
03 Jun 2005	263.0000	30	1977	209.0000	81.08
04 Jun 2006	250.0000	31	1995	194.0000	83.78
06 Jun 2007	495.0000	32	1994	190.0000	86.49
31 May 2008	287.0000	33	1979	189.0000	89.19
11 Jun 2009	311.0000	34	1991	177.0000	91.89
29 May 2010	171.0000	35	1980	172.0000	94.59
01 Jun 2011	261.0000	36	2010	171.0000	97.30

<< Skew Weighting >>

Based on 36 events, mean-square error of station skew = 0.163

Mean-square error of regional skew = -?

<< Frequency Curve >>
WILLISTON LAKE-07EC003-FLOW-PEAK-EST

Computed Curve FLOW, CMS	Expected Probability FLOW, CMS	Percent Chance Exceedance	Confidence Limits 0.05 FLOW, CMS	Confidence Limits 0.95 FLOW, CMS
793.4840	891.5275	0.1	1,038.8447	658.8009
731.4146	803.9562	0.2	939.8352	614.6950
652.8080	699.9868	0.5	817.4898	557.8304
595.6136	628.2156	1.0	730.8062	515.6306
540.0115	561.5588	2.0	648.6240	473.8080
485.5557	498.8297	4.0	570.3674	431.9174
468.1711	479.2722	5.0	545.9006	418.3114
414.1451	420.1537	10.0	471.6861	375.1233
358.8834	361.4798	20.0	399.1878	329.0412
277.2063	277.2063	50.0	300.9620	255.0336
218.4826	217.2039	80.0	238.4296	196.1838
150.4994	145.6005	99.0	170.9028	126.0355

<< Systematic Statistics >>
WILLISTON LAKE-07EC003-FLOW-PEAK-EST

Log Transform: FLOW, CMS		Number of Events	
Mean	2.4490	Historic Events	0
Standard Dev	0.1285	High Outliers	0
Station Skew	0.2891	Low Outliers	0
Regional Skew	---	Zero Events	0
Weighted Skew	---	Missing Events	0
Adopted Skew	0.2891	Systematic Events	36

--- End of Analytical Frequency Curve ---

HEC-SSP 2.0 - OmenicaNE

Frequency Curve for: WILLISTON LAKE-07EC003-FLOW-PEAK-EST				
Percent Chance Exceedance	Computed Curve Flow in cms	Expected Prob. Flow in cms	Confidence Limits Flow in cms	
			0.05	0.95
0.1	793.4839	891.5275	1038.8447	658.8008
0.2	731.4146	803.9562	939.8351	614.6949
0.5	652.8080	699.9869	817.4897	557.8304
1.0	595.6136	628.2156	730.8062	515.6306
2.0	540.0115	561.5588	648.6240	473.8080
4.0	485.5557	498.8297	570.3674	431.9174
5.0	468.1711	479.2722	545.9006	418.3114
10.0	414.1451	420.1537	471.6861	375.1234
20.0	358.8834	361.4798	399.1877	329.0412
50.0	277.2063	277.2063	300.9620	255.0336
80.0	218.4826	217.2039	238.4296	196.1838
99.0	150.4994	145.6005	170.9028	126.0355

System Statistics	
Log Transform: Flow	
Statistic	Value
Mean	2.4490
Standard Dev	0.1285
Station Skew	0.2891
Regional Skew	
Weighted Skew	
Adopted Skew	0.2891

Number of Events	
Event	Number
Historic Events	0
High Outliers	0
Low Outliers	0
Zero Or Missing	0
Systematic Events	36
Historic Period	

APPENDIX B. DATA SHEETS

Zone 3 Northern Rocky Mountains

Zone 4 Northern Interior Plains

Zone 6 Southern Interior Plains

Zone 7 Southern Rocky Mountain Foothills

Zone 8 Nechako Plateau

Zone 12 McGregor Basin

Zone 13 Upper Fraser Basin

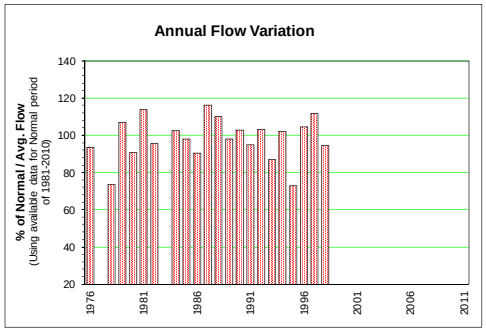
Zone 3 Northern Rocky Mountains

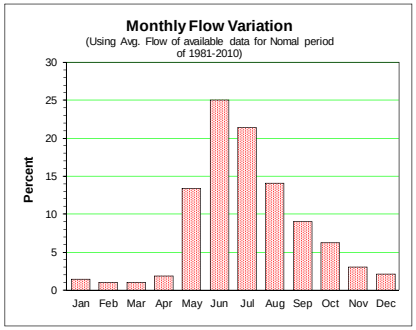
KWADACHA RIVER NEAR WARE 7EA002

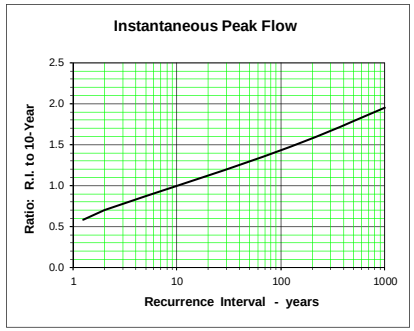
Station Longitude Latitude: -125.634755 57.449516

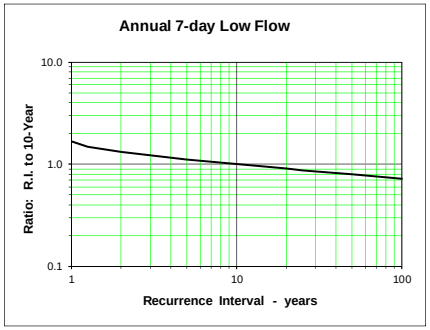
Monthly and Annual Discharge in m^3/s | Drainage Area = 2417.24 km^2 | Median Elevation = 1474 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	7.43	6.80	5.93	6.71	59.30	125.00	143.00	119.00	46.30	37.40	16.90	12.10	49.05		Jul 02	230.24	37.13	5.66	1976
1977																			1977
1978	6.78	6.24	5.64	12.40	28.70	129.00	81.10	71.90	43.50	37.50	26.20	13.10	38.61		Jun 06	191.00	28.06	5.52	1978
1979	8.69	6.71	6.00	6.07	48.50	185.00	200.00	84.00	47.70	39.70	22.10	15.20	56.11		Jul 03	335.00	44.21	5.39	1979
1980	9.35	6.54	5.81	6.10	56.00	119.00	132.00	72.10	54.80	63.00	27.50	17.50	47.65		Jun 19	216.00	47.66	4.88	1980
1981	11.30	7.78	6.65	7.44	134.00	161.00	132.00	94.40	77.70	41.50	24.30	15.10	59.77		May 28	372.00	52.59	6.20	1981
1982	8.70	6.56	6.02	6.79	30.00	194.00	122.00	90.60	71.30	36.40	17.50	11.30	50.21		Jun 20	263.58	45.10	5.69	1982
1983																			1983
1984	6.91	5.97	5.99	10.10	39.00	159.00	144.00	135.00	59.50	41.60	20.20	16.30	53.80		Jun 14	248.00	37.29	5.35	1984
1985	10.00	6.69	6.18	9.37	66.40	141.00	170.00	77.00	64.30	36.90	15.90	10.00	51.44		Jun 04	263.00	47.14	5.85	1985
1986	9.85	7.61	5.91	7.43	38.40	147.00	163.00	70.30	30.20	52.50	21.20	13.50	47.52		Jul 15	259.00	24.16	5.08	1986
1987	11.50	8.62	6.97	9.95	77.90	178.00	151.00	93.40	95.90	57.90	22.30	13.90	60.86		Jun 23	330.00	57.96	6.73	1987
1988	7.92	7.31	6.81	14.30	111.00	161.00	165.00	111.00	50.20	28.80	16.60	9.55	57.70		Jul 15	269.00	31.83	6.01	1988
1989	8.08	7.04	6.42	15.90	99.80	156.00	106.00	95.00	51.40	32.30	21.30	14.80	51.42		Jun 05	215.00	36.84	6.27	1989
1990	8.50	6.03	6.94	13.30	126.00	217.00	116.00	70.40	37.90	18.60	12.80	10.20	53.85		Jun 01	489.00	30.23	5.62	1990
1991	6.92	6.78	5.03	12.70	83.20	112.00	116.00	76.90	74.00	54.90	26.80	17.90	49.70		Jun 29	169.00	61.54	4.77	1991
1992	10.90	8.09	8.37	22.10	74.60	216.00	120.00	58.90	39.20	52.40	23.20	15.90	54.16		Jun 17	312.00	26.40	7.36	1992
1993	7.00	5.78	5.46	14.40	106.00	142.00	95.30	68.50	37.40	29.30	21.10	12.30	45.61		Jun 05	195.00	28.11	4.63	1993
1994	9.27	5.82	5.59	13.60	91.70	148.00	137.00	90.50	75.60	32.90	17.60	11.30	53.52		Jun 08	225.00	54.80	4.32	1994
1995	8.66	7.27	6.35	15.30	77.90	112.00	87.00	59.20	41.10	22.30	12.10	7.79	38.26		Jun 16	175.00	35.01	5.80	1995
1996	6.13	5.44	4.98	12.90	42.50	160.00	159.00	115.00	68.90	43.70	23.00	13.90	54.76		Jun 07	230.00	52.40	4.89	1996
1997	9.12	7.93	6.49	8.82	78.20	194.00	155.00	101.00	64.70	41.00	20.40	13.10	58.58		Jun 06	241.00	49.19	6.26	1997
1998	9.18	6.41	6.38	11.90	132.00	123.00	113.00	69.30	46.30	39.30	20.80	13.80	49.62		May 27	274.00	36.49	6.09	1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	8.68	6.83	6.19	11.31	76.24	156.14	133.69	86.83	56.09	40.00	20.47	13.26	51.53	50.84		261.99	41.15	5.64	m^3/s
S. D.	1.51	0.84	0.75	4.04	33.01	31.78	29.77	20.62	16.79	11.31	4.20	2.65	6.00			74.30	11.12	0.73	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8.82	6.89	6.27	12.14	82.86	160.06	132.43	86.85	57.98	38.96	19.83	12.98	52.40	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	7	7	13	92	172	147	96	62	43	21	14	684	mm	10-Year	351.9	28.724	4.465	m^3/s







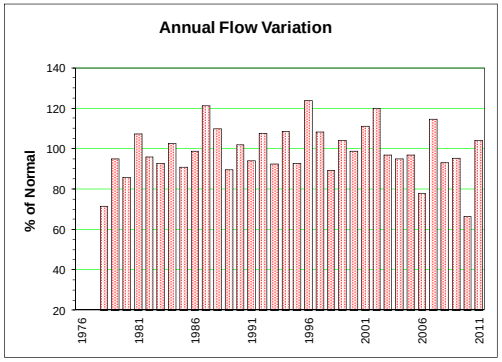


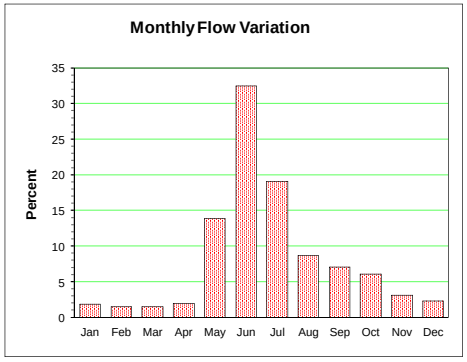
INGENIKA RIVER ABOVE SWANNELL RIVER 7EA004

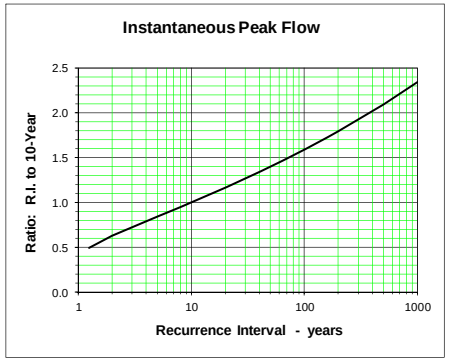
Station Longitude Latitude: -125.103500 56.731297

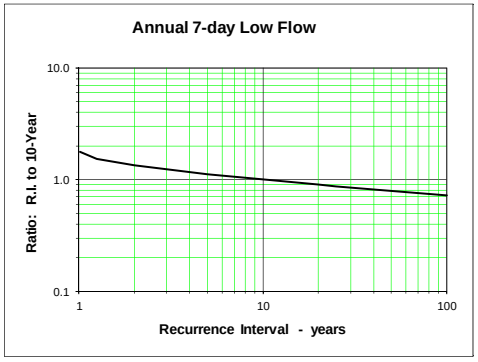
Monthly and Annual Discharge in m^3/s | Drainage Area = 4141.54 km^2 | Median Elevation = 1551 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977									46.3	35.9	16.3	11.4							1977
1978	10.8	10.7	9.7	12.6	42.4	202.0	66.9	40.1	36.0	46.0	21.0	11.8	42.5		Jun 05	337.00	30.46	9.49	1978
1979	10.4	7.7	6.4	7.5	57.1	220.0	179.0	57.6	60.4	41.9	13.5	11.2	56.2		Jun 03	311.00	39.59	5.97	1979
1980	11.5	10.2	9.9	10.5	98.3	165.0	86.9	47.3	57.5	67.4	28.1	18.1	51.0		Jun 05	247.00	40.29	8.77	1980
1981	16.4	14.8	12.9	10.5	172.0	233.0	136.0	49.6	40.6	36.8	22.4	15.6	63.6		May 27	653.00	32.44	7.63	1981
1982	11.7	10.1	10.2	9.0	45.8	249.0	132.0	72.3	64.2	41.0	20.8	14.9	56.8		Jun 14	398.00	44.41	8.37	1982
1983	12.4	11.1	10.2	14.3	83.6	215.0	121.0	67.6	50.4	38.4	20.6	14.0	55.0		Jun 02	404.00	42.53	10.04	1983
1984	11.9	9.6	10.2	12.1	38.0	226.0	161.0	84.9	67.9	60.9	27.5	20.2	60.9		Jun 13	396.00	51.63	9.00	1984
1985	13.2	11.0	10.9	9.3	83.9	176.0	162.0	52.1	56.2	38.3	17.3	12.6	53.8		Jun 04	369.00	37.57	7.08	1985
1986	13.3	11.4	9.8	10.9	45.0	237.0	184.0	54.1	33.8	65.3	21.5	14.5	58.6		Jun 08	359.00	25.76	8.94	1986
1987	13.5	12.9	11.4	10.1	98.6	279.0	169.0	81.4	76.6	57.3	27.4	22.5	71.8		Jun 22	420.00	52.00	8.89	1987
1988	15.0	11.0	11.3	15.3	139.0	237.0	175.0	68.1	35.5	36.6	22.2	14.8	65.2		Jun 09	387.00	26.23	8.49	1988
1989	12.5	10.5	9.9	15.2	121.0	201.0	86.7	54.9	38.5	42.4	23.0	19.0	53.1		Jun 05	358.00	30.03	9.63	1989
1990	11.9	9.5	9.6	12.2	127.0	320.0	117.0	40.9	30.9	20.1	13.4	11.4	60.4		Jun 02	880.00	23.69	7.79	1990
1991	9.7	10.7	9.4	11.6	120.0	181.0	95.6	51.7	70.5	57.9	27.7	21.5	55.8		Jun 22	240.00	40.66	4.76	1991
1992	18.4	16.7	13.3	23.3	86.8	321.0	108.0	35.3	44.9	58.6	24.5	17.3	63.8		Jun 16	507.00	24.77	9.21	1992
1993	11.8	11.0	9.4	14.1	180.0	158.0	104.0	66.0	39.1	28.3	18.8	13.3	54.8		May 21	378.00	31.83	8.19	1993
1994	11.4	8.8	9.8	14.9	113.0	214.0	148.0	78.4	77.7	51.7	23.2	17.9	64.3		Jun 08	324.00	53.50	7.72	1994
1995	15.8	13.3	11.4	12.8	133.0	153.0	147.0	64.5	44.6	29.2	15.5	15.0	54.9		Jul 04	375.00	35.61	6.84	1995
1996	12.3	10.9	9.3	15.2	56.7	275.0	244.0	98.3	62.6	54.5	24.3	16.9	73.4		Jun 07	387.00	55.86	9.10	1996
1997	14.0	11.1	9.9	13.8	124.0	231.0	118.0	77.2	68.7	52.7	26.8	20.8	64.2		Jun 06	520.00	53.94	9.58	1997
1998	15.4	13.8	13.3	15.5	198.0	134.0	74.0	47.0	36.9	44.5	21.5	16.6	52.9		May 27	560.00	33.21	12.74	1998
1999	15.1	12.8	11.7	17.5	52.3	294.0	163.0	56.0	44.2	34.4	22.1	16.5	61.7		Jun 18	690.00	38.56	10.64	1999
2000	13.3	11.3	10.1	14.5	40.4	248.0	142.0	68.0	69.1	43.2	25.1	17.6	58.5		Jun 18	343.00	57.89	9.83	2000
2001	12.5	10.1	9.3	17.2	44.3	302.0	187.0	79.0	51.7	35.5	25.8	16.2	66.0		Jun 16	410.00	41.97	8.95	2001
2002	12.5	10.7	9.7	11.3	66.0	313.0	170.0	77.0	71.8	59.2	31.2	20.1	71.1		Jun 17	593.00	53.36	9.47	2002
2003	15.7	13.3	11.7	16.9	72.6	216.0	144.0	47.9	52.0	47.2	29.1	21.7	57.5		Jun 08	375.00	35.44	10.93	2003
2004	16.8	13.3	12.0	16.0	110.0	200.0	104.0	55.6	52.7	46.5	28.8	18.8	56.2		Jun 07	406.00	45.86	11.90	2004
2005	13.4	10.4	10.0	20.8	161.0	214.0	85.0	54.4	45.0	32.5	23.5	16.6	57.4		Jun 02	386.00	37.79	9.53	2005
2006	13.8	11.5	10.1	15.0	83.2	220.0	79.2	39.6	27.8	26.2	16.5	11.8	46.3		Jun 16	401.00	26.64	9.86	2006
2007	9.6	8.6	9.0	13.3	55.0	357.0	159.0	73.1	56.5	39.6	20.5	14.9	68.0		Jun 06	940.00	47.61	8.18	2007
2008	13.3	13.7	12.2	10.9	127.0	208.0	120.0	58.8	36.4	27.8	18.7	15.1	55.2		May 30	408.00	27.50	10.40	2008
2009	12.9	12.1	11.5	11.5	61.5	288.0	110.0	46.8	54.7	34.8	19.1	15.8	56.5		Jun 10	508.00	38.94	11.31	2009
2010	13.1	11.2	10.2	16.8	85.7	135.0	57.2	30.6	36.3	42.8	18.8	14.8	39.5		May 29	208.00	24.63	9.89	2010
2011	13.7	11.8	9.9	8.2	104.0	219.0	136.0	78.0	66.1	49.4	23.1	18.4	61.7		Jun 25	363.00	50.93	7.24	2011
Avg.	13.21	11.40	10.45	13.55	94.9	230.6	131.51	60.41	51.55	43.57	22.27	16.27	58.49	58.50		437	39.21	9.01	m^3/s
S. D.	2.00	1.83	1.39	3.44	43.40	55.16	41.28	15.95	14.10	11.71	4.51	3.11	7.56			159.61	10.30	1.62	m^3/s
Normal	13.42	11.58	10.65	14.06	97.48	234.50	133.42	61.04	51.26	42.81	22.59	16.62	59.24	m^3/s					
Normal	9	7	7	9	63	147	86	39	32	28	14	11	451	mm	10-Year	635.17	26.68	6.83	m^3/s







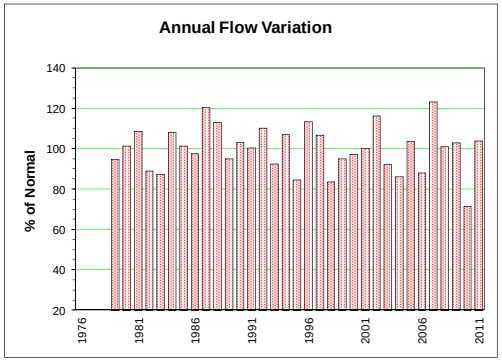


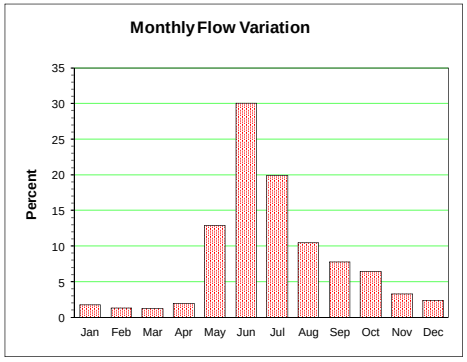
FINLAY RIVER ABOVE AKIE RIVER 7EA005

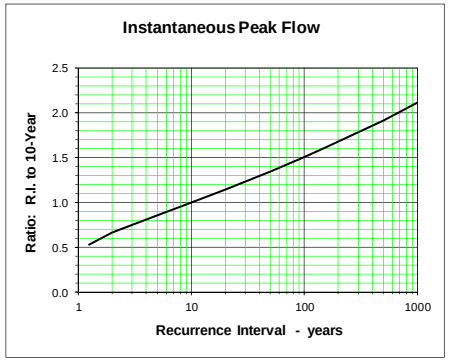
Station Longitude Latitude: -125.249690 57.130218

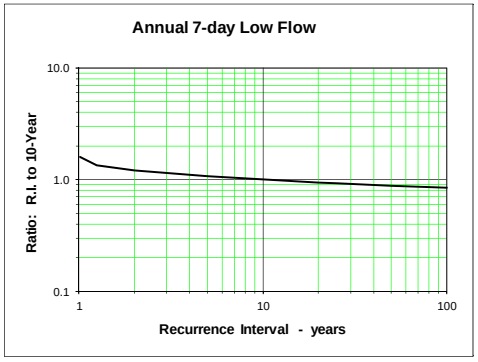
Monthly and Annual Discharge in m^3/s | Drainage Area = 15637.25 km^2 | Median Elevation = 1452 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978										228.0	117.0	54.3							1978
1979	42.7	31.5	27.0	32.7	248.0	876.0	805.0	310.0	231.0	200.0	101.0	69.6	249.0		Jul 03	1120.0	203.57	24.77	1979
1980	50.9	39.9	35.5	39.0	442.0	744.0	578.0	331.0	295.0	365.0	161.0	104.0	266.2		Jun 09	951.0	252.86	32.23	1980
1981	71.7	51.6	46.2	51.8	643.0	1030.0	652.0	307.0	226.0	157.0	104.0	73.6	285.7		May 28	2010.0	178.00	44.56	1981
1982	53.6	40.8	38.4	43.8	179.0	1010.0	529.0	303.0	300.0	166.0	82.3	60.5	234.1		Jun 13	1404.6	186.71	36.21	1982
1983	49.5	41.9	32.2	60.8	304.0	814.0	510.0	350.0	266.0	164.0	99.3	60.0	230.0		Jun 02	1350.0	215.43	31.14	1983
1984	51.4	39.5	40.3	52.5	202.0	913.0	742.0	579.0	344.0	235.0	116.0	87.0	284.0		Jun 13	1350.0	230.29	36.06	1984
1985	56.4	40.3	35.3	39.2	370.0	828.0	862.0	318.0	298.0	206.0	74.0	54.5	266.5		Jun 06	1363.9	227.86	34.34	1985
1986	59.1	45.7	39.1	51.6	183.0	870.0	792.0	304.0	204.0	307.0	128.0	80.3	256.4		Jun 08	1230.0	170.29	32.51	1986
1987	61.7	51.4	44.9	59.9	390.0	1100.0	819.0	373.0	363.0	313.0	121.0	83.4	316.1		Jun 23	1580.0	252.86	43.30	1987
1988	58.6	46.3	42.3	67.5	579.0	929.0	741.0	506.0	230.0	177.0	113.0	64.4	297.1		Jun 12	1350.0	154.43	39.67	1988
1989	58.2	48.4	42.2	69.3	534.0	820.0	447.0	347.0	211.0	192.0	117.0	98.4	249.7		Jun 06	1160.0	165.29	40.17	1989
1990	59.8	40.9	44.4	65.8	549.0	1330.0	542.0	240.0	162.0	102.0	70.0	51.7	271.9		Jun 02	2500.0	133.86	38.33	1990
1991	41.5	45.5	34.1	60.6	509.0	697.0	519.0	290.0	372.0	323.0	152.0	108.0	263.8		Jun 29	844.0	254.29	32.50	1991
1992	72.2	54.9	58.5	115.0	381.0	1310.0	563.0	219.0	192.0	307.0	121.0	89.9	290.0		Jun 16	1960.0	131.29	50.06	1992
1993	49.4	43.0	38.7	78.5	686.0	781.0	504.0	275.0	163.0	127.0	96.4	64.1	243.4		May 22	1240.0	136.29	33.84	1993
1994	51.1	37.6	38.1	69.4	514.0	840.0	645.0	367.0	383.0	226.0	113.0	79.2	281.5		Jun 09	1150.0	284.29	31.14	1994
1995	61.1	49.8	44.3	86.5	507.0	640.0	524.0	273.0	192.0	131.0	84.0	65.3	222.6		May 15	930.0	152.86	41.26	1995
1996	48.6	37.6	32.9	73.7	249.0	1050.0	906.0	496.0	278.0	209.0	101.0	89.0	298.1		Jun 07	1480.0	226.57	32.24	1996
1997	70.5	52.9	45.8	65.9	470.0	948.0	618.0	372.0	292.0	218.0	121.0	79.9	280.5		Jun 06	1430.0	254.43	42.77	1997
1998	50.0	44.5	42.5	53.3	676.0	646.0	350.0	228.0	173.0	198.0	97.6	67.1	220.0		May 29	1560.0	157.71	42.07	1998
1999	59.1	49.0	42.4	51.0	226.0	1090.0	633.0	294.0	198.0	156.0	122.0	72.5	249.8		Jun 18	2010.0	171.00	36.20	1999
2000	57.7	42.9	37.3	65.4	167.0	915.0	656.0	385.0	355.0	198.0	118.0	73.5	255.9		Jun 14	1200.0	259.71	36.17	2000
2001	50.3	40.1	36.4	64.5	172.0	1130.0	729.0	359.0	234.0	164.0	106.0	69.4	263.4		Jun 15	1450.0	192.86	35.66	2001
2002	51.7	42.4	38.1	72.4	304.0	1140.0	911.0	351.0	280.0	242.0	132.0	94.1	305.9		Jun 17	1630.0	245.57	37.40	2002
2003	65.6	47.4	39.2	59.8	299.0	857.0	604.0	252.0	268.0	224.0	108.0	80.3	242.7		Jun 09	1200.0	184.14	37.89	2003
2004	60.3	46.9	37.3	48.4	433.0	803.0	435.0	245.0	211.0	189.0	119.0	84.6	226.3		Jun 09	1120.0	197.86	33.20	2004
2005	58.2	43.6	39.0	75.0	702.0	971.0	460.0	298.0	242.0	165.0	125.0	74.3	272.1		Jun 03	1450.0	198.86	38.10	2005
2006	62.3	48.2	40.1	49.7	350.0	1030.0	483.0	239.0	159.0	159.0	85.2	66.9	231.4		Jun 16	1580.0	128.43	39.03	2006
2007	55.7	48.4	43.3	53.6	282.0	1530.0	827.0	370.0	292.0	216.0	99.1	66.3	324.0		Jun 07	3160.0	245.14	41.84	2007
2008	46.9	37.9	39.3	52.3	509.0	1030.0	652.0	313.0	201.0	147.0	86.3	70.5	265.8		May 31	1540.0	158.57	36.61	2008
2009	56.1	44.8	35.5	39.8	327.0	1260.0	571.0	289.0	274.0	183.0	89.3	72.4	270.4		Jun 12	1910.0	232.00	30.81	2009
2010	55.1	44.8	40.1	64.5	339.0	595.0	326.0	194.0	186.0	226.0	110.0	71.1	188.2		Jun 04	778.0	154.86	39.69	2010
2011	52.9	41.5	37.1	37.4	434.0	898.0	560.0	395.0	388.0	244.0	105.0	77.3	273.5		Jun 02	1190.0	328.43	35.03	2011
Avg.	56.06	44.30	39.63	59.72	398.8	952.3	621.06	326.42	256.45	207.76	108.66	75.22	262.91	262.94		1460	202.02	36.87	m^3/s
S. D.	7.43	5.10	5.40	16.26	159.15	209.91	153.63	83.19	68.08	59.86	19.77	13.64	29.72			476.46	49.48	4.94	m^3/s
Normal	56.78	44.97	40.27	62.05	401.17	963.57	618.40	324.53	251.63	200.90	107.02	75.07	262.92	m^3/s					
Normal	10	7	7	10	69	160	106	56	42	34	18	13	531	mm	10-Year	2060.90	143.26	30.59	m^3/s







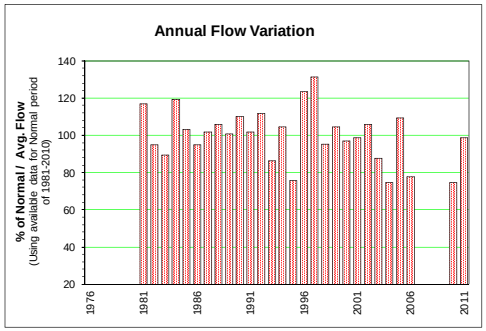


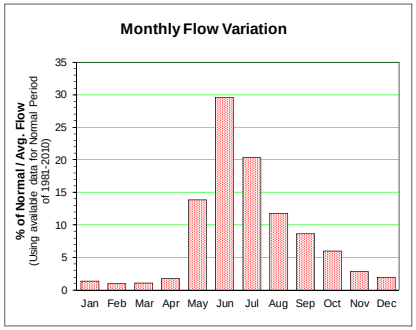
AKIE RIVER NEAR THE 760 M CONTOUR 7EA007

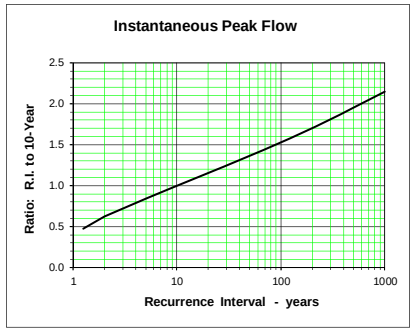
Station Longitude Latitude: -124.897174 57.188644

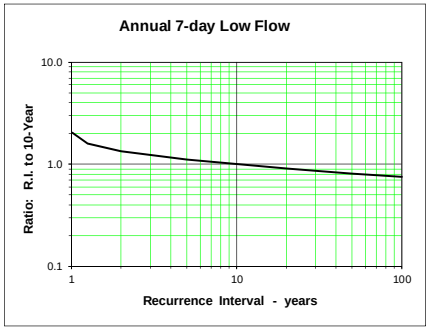
Monthly and Annual Discharge in m^3/s | Drainage Area = 1682.98 km^2 | Median Elevation = 1557 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981	6.88	4.75	4.06	3.96	99.70	99.70	79.10	49.20	45.90	20.80	12.40	8.68	36.47		May 27	320.00	23.99	3.80	1981
1982	5.35	4.16	4.04	4.16	20.90	129.00	67.10	53.70	32.30	17.40	9.82	5.97	29.54		Jun 15	276.00	21.17	3.67	1982
1983	4.29	3.84	3.40	5.92	43.70	87.80	65.70	45.60	32.40	20.40	12.40	6.94	27.82		May 31	212.00	24.57	3.24	1983
1984	5.13	4.03	3.60	4.69	18.20	120.00	108.00	82.60	42.90	32.60	12.70	10.00	37.13		Jun 13	225.00	25.26	3.22	1984
1985	6.09	4.50	4.28	5.40	50.50	106.00	96.30	35.40	39.70	21.60	8.84	5.22	32.12		Jun 04	249.85	24.11	4.10	1985
1986	4.95	4.25	3.73	4.38	29.60	104.00	100.00	32.90	19.30	36.60	8.40	5.03	29.58		Jul 15	247.00	16.16	3.25	1986
1987	4.04	3.81	4.12	5.83	51.20	111.00	55.60	29.90	59.10	34.40	12.80	8.17	31.72		Jun 22	272.00	23.20	3.62	1987
1988	5.32	4.65	4.15	8.87	73.10	94.70	92.00	50.50	25.90	17.00	11.30	7.08	33.01		Jul 19	183.00	16.26	3.70	1988
1989	5.34	4.35	3.88	9.44	73.40	99.90	51.50	51.00	32.20	22.40	13.20	8.83	31.43		Jun 05	187.00	21.13	3.79	1989
1990	5.51	3.68	4.52	8.31	78.00	157.00	78.70	36.80	21.70	7.89	4.83	3.88	34.34		Jun 01	534.00	14.43	3.30	1990
1991	3.53	4.19	3.21	7.03	62.70	74.50	73.30	38.10	49.10	36.90	15.10	11.10	31.73		Jul 14	123.00	31.19	2.98	1991
1992	7.23	5.25	5.21	17.40	54.00	155.00	67.00	30.00	25.20	30.80	12.70	8.14	34.80		Jun 15	253.00	14.19	4.63	1992
1993	4.13	3.74	3.63	7.60	77.50	81.30	54.70	34.70	19.50	16.40	10.70	7.07	26.90		May 21	162.00	15.29	2.90	1993
1994	5.09	3.63	3.77	9.62	62.00	106.00	68.70	44.70	42.00	22.50	13.80	7.72	32.58		Jun 08	201.00	30.47	3.02	1994
1995	5.59	4.45	3.56	8.78	53.40	74.10	44.50	36.50	25.20	13.80	7.31	4.19	23.55		Jun 06	155.00	20.13	3.24	1995
1996	3.11	3.00	3.49	7.46	30.80	128.00	120.00	69.40	40.40	31.20	14.60	8.89	38.45		Jun 06	201.00	32.66	2.79	1996
1997	6.13	5.45	4.90	7.70	61.30	137.00	99.80	55.70	48.60	33.50	18.60	9.84	40.87		May 31	226.00	38.40	4.74	1997
1998	5.77	4.92	4.55	7.30	104.00	66.80	59.40	36.80	21.10	20.80	12.80	9.07	29.67		May 26	217.00	18.07	4.38	1998
1999	4.70	3.07	2.88	7.22	29.30	149.00	89.30	47.10	32.00	13.40	6.94	4.64	32.53		Jun 17	337.00	22.51	2.63	1999
2000	4.48	3.88	3.78	3.92	16.40	110.00	83.80	53.00	46.30	20.20	10.10	7.06	30.25		Jun 29	188.52	26.84	3.59	2000
2001	5.49	4.27	3.37	3.39	18.00	137.00	86.00	52.00	30.70	14.70	7.22	5.55	30.70		Jun 12	264.00	27.86	2.48	2001
2002	4.70	3.89	2.78	2.28	32.80	137.00	113.00	35.60	24.10	19.30	11.60	7.55	33.00		Jun 16	272.00	20.11	1.94	2002
2003	5.57	4.70	4.29	5.37	33.60	93.80	69.60	32.30	30.10	24.80	13.20	9.17	27.30		Jul 01	199.00	24.00	2.88	2003
2004	6.72	4.74	4.19	6.46	44.80	78.90	43.30	29.10	26.80	18.10	9.65	6.69	23.31		Jun 08	128.00	23.23	4.09	2004
2005	5.59	4.74	4.32	11.20	95.80	105.00	62.10	44.10	34.80	17.60	12.70	8.95	34.07		May 30	232.00	24.97	3.51	2005
2006	6.89	5.51	5.11	6.27	45.00	94.30	46.70	33.20	19.50	15.60	6.66	5.32	24.24		Jun 16	198.00	12.09	4.82	2006
2007	4.61	4.10	3.86	4.72	34.10	235.00				15.70					Jun 05	457.00		3.80	2007
2008																			2008
2009										15.70	6.87	5.60							2009
2010	4.85	4.60	4.35	8.18	38.80	71.00	47.90	31.10	26.10	25.10	10.60	5.56	23.27		Jun 13	105.00	19.27	4.21	2010
2011	4.43	3.71	3.39	3.99	48.80	93.00	73.40	49.30	45.50	27.50	7.79	6.11	30.72		Jun 24	220.00	34.63	3.30	2011
Avg.	5.22	4.27	3.95	6.79	51.08	111.58	74.88	43.58	33.51	22.16	10.88	7.17	31.11	31.10		236.01	23.08	3.50	m^3/s
S. D.	0.99	0.62	0.60	2.96	24.49	34.76	21.50	12.55	10.77	7.62	3.10	1.89	4.46			90.29	6.46	0.69	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5.25	4.29	3.97	6.89	51.16	112.24	74.93	43.37	33.07	21.97	10.99	7.21	31.13	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	11	81	173	119	69	51	35	17	11	584	mm	10-Year	350.1	14.693	2.623	m^3/s







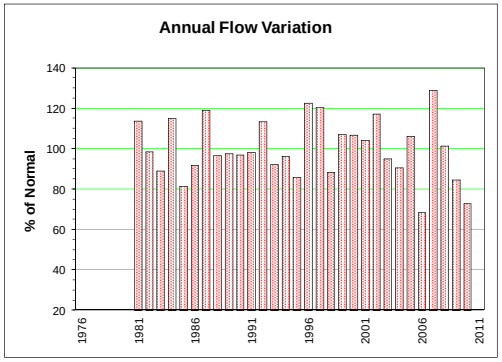


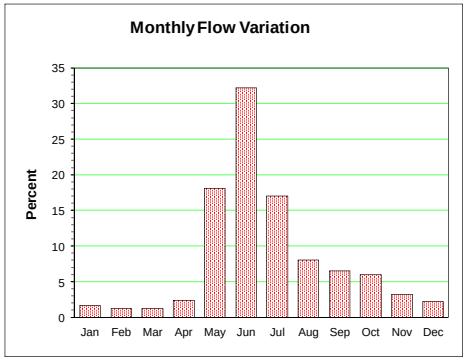
OSPIKA RIVER ABOVE ALEY CREEK 7EB002

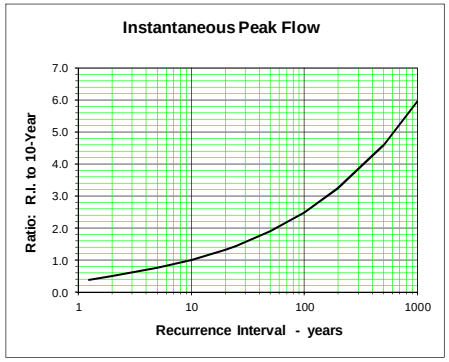
Station Longitude Latitude: -123.929723 56.465840

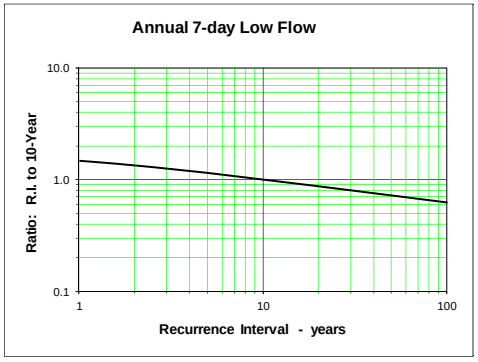
Monthly and Annual Discharge in m^3/s | Drainage Area = 2196.06 km^2 | Median Elevation = 1502 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981	10.90	7.54	6.49	6.42	152.00	141.00	88.00	49.10	44.90	21.00	13.70	10.10	46.18		May 26	692.0	23.34	6.03	1981
1982	7.07	6.05	5.91	5.81	51.30	171.00	69.00	53.20	34.50	35.90	23.80	14.40	39.90		Jun 13	294.0	27.04	5.40	1982
1983	10.20	8.01	6.31	14.30	73.60	117.00	81.40	39.60	30.60	24.90	16.20	8.84	36.05		May 31	277.0	25.44	6.01	1983
1984	7.39	6.04	5.86	10.40	43.00	183.00	122.00	61.50	44.30	45.50	17.30	13.30	46.67		Jun 13	323.0	27.96	5.36	1984
1985	8.17	6.13	5.30	7.07	60.60	117.00	88.10	27.70	34.90	22.30	10.20	6.74	32.97		Jun 03	247.0	18.86	5.09	1985
1986	7.19	6.08	5.38	6.01	45.40	135.00	127.00	41.90	17.70	34.80	11.10	6.78	37.22		Jul 15	582.0	14.77	4.06	1986
1987	5.85	5.62	6.10	9.52	92.40	192.00	81.20	54.40	58.10	38.70	20.30	14.00	48.29		Jun 22	325.0	34.84	5.30	1987
1988	9.51	7.66	6.93	16.90	117.00	136.00	80.10	35.10	19.00	19.20	12.40	8.82	39.15		May 14	262.0	14.13	6.40	1988
1989	7.80	6.88	6.12	17.80	112.00	138.00	58.40	41.90	24.70	28.90	18.00	12.30	39.56		Jun 05	238.0	19.91	5.85	1989
1990	10.40	7.07	7.47	13.60	118.00	192.00	56.40	25.80	17.80	9.84	6.60	5.64	39.28		May 31	1360.0	12.83	4.96	1990
1991	5.15	6.54	5.43	14.80	121.00	124.00	69.20	25.90	34.90	42.20	15.80	11.50	39.89		May 20	197.0	27.33	4.44	1991
1992	10.10	8.04	8.10	25.90	78.50	194.00	64.40	23.40	33.40	61.40	29.00	15.70	45.93		Jun 14	298.0	15.13	7.54	1992
1993	6.97	6.20	6.10	14.70	123.00	111.00	79.20	41.00	23.90	14.70	11.60	8.31	37.44		May 21	251.0	17.77	5.37	1993
1994	7.03	3.66	3.01	11.30	98.20	128.00	64.30	43.70	48.50	30.50	17.90	11.50	39.12		Jun 08	239.0	27.96	2.51	1994
1995	8.48	7.42	6.59	11.40	105.00	111.00	64.00	38.60	23.80	18.00	12.70	9.20	34.85		May 15	201.0	18.10	6.36	1995
1996	7.21	5.91	5.47	14.60	57.90	194.00	159.00	56.50	37.20	34.40	14.70	8.98	49.73		Jun 05	320.0	33.20	5.37	1996
1997	7.09	6.20	5.34	8.36	98.90	188.00	88.90	54.70	54.10	40.40	20.00	11.80	48.79		May 31	320.0	39.79	5.15	1997
1998	7.77	6.44	6.23	12.20	159.00	77.50	46.70	28.40	22.00	32.00	17.00	11.00	35.80		May 26	269.0	19.33	5.40	1998
1999	7.45	6.04	6.01	16.50	61.90	210.00	92.90	38.60	29.30	21.60	18.10	12.50	43.44		Jun 16	477.0	23.47	5.49	1999
2000	7.68	5.83	5.41	9.89	37.50	197.00	103.00	53.60	46.60	25.00	16.30	12.00	43.26		Jun 09	267.0	38.73	5.33	2000
2001	8.61	6.81	5.66	8.89	43.30	225.00	92.70	42.40	29.70	21.70	14.30	8.35	42.28		Jun 12	384.0	26.64	5.31	2001
2002	7.23	6.18	5.26	6.28	73.70	247.00	116.00	35.50	28.10	23.90	11.20	9.12	47.51		Jun 16	405.0	22.00	4.96	2002
2003	7.05	5.66	5.62	8.70	69.70	146.00	93.30	30.20	31.70	33.80	17.20	11.60	38.51		Jun 09	266.0	20.27	5.41	2003
2004	8.11	6.68	6.60	13.60	75.20	125.00	68.70	33.20	42.40	32.40	17.90	11.00	36.75		Jun 07	200.0	33.26	6.45	2004
2005	8.33	6.81	6.05	21.70	144.00	136.00	56.60	41.50	30.70	26.30	21.20	14.40	42.99		May 30	310.0	25.96	5.90	2005
2006	10.10	8.40	6.94	11.50	73.10	122.00	45.30	20.30	11.70	10.20	7.48	5.96	27.79		Jun 03	210.0	10.73	5.63	2006
2007	5.33	5.19	5.99	10.60	61.00	272.00	107.00	43.30	38.20	37.60	21.90	19.20	52.30		Jun 05	786.0	32.23	5.07	2007
2008	11.30	7.48	6.18	8.08	117.00	162.00	78.10	31.30	24.40	20.20	16.40	9.72	41.07		May 29	332.0	21.14	5.91	2008
2009	6.85	5.73	5.48	6.26	57.80	181.00	59.60	26.60	24.30	16.30	12.00	9.25	34.26		Jun 05	372.0	17.77	5.45	2009
2010	7.28	6.13	5.65	14.70	73.30	95.60	40.30	22.30	25.10	38.40	14.90	10.00	29.57		May 20	191.0	18.46	5.53	2010
2011																			2011
Avg.	7.99	6.48	5.97	11.93	86.5	158.9	81.36	38.71	32.22	28.73	15.91	10.73	40.55	40.54		363.17	23.61	5.43	m^3/s
S. D.	1.56	0.97	0.87	4.79	33.92	46.12	26.54	11.29	11.20	11.30	4.76	3.01	5.94			234.84	7.61	0.85	m^3/s
Normal	7.99	6.48	5.97	11.93	86.48	158.94	81.36	38.71	32.22	28.73	15.91	10.73	40.55	m^3/s					
Normal	10	7	7	14	105	188	99	47	38	35	19	13	583	mm	10-Year	581.69	14.58	4.25	m^3/s







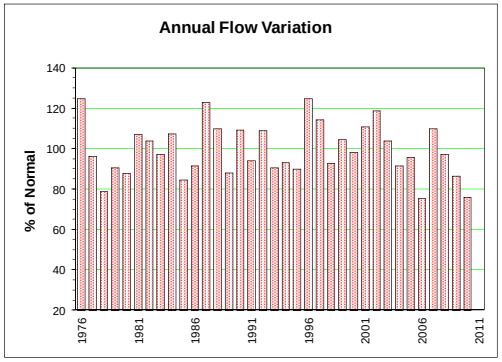


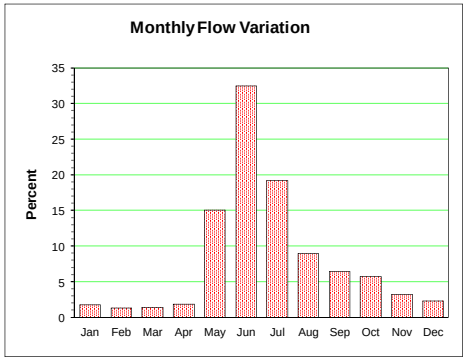
MESILINKA RIVER ABOVE GOPHERHOLE CREEK 7EC003

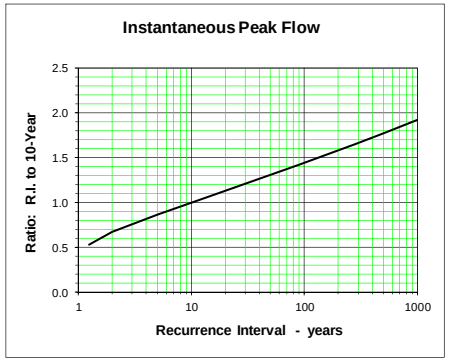
Station Longitude Latitude: -124.642584 56.243962

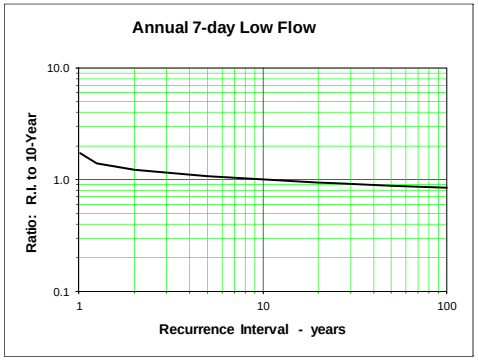
Monthly and Annual Discharge in m^3/s | Drainage Area = 2948.84 km^2 | Median Elevation = 1410 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	7.39	7.00	6.65	5.12	72.90	193.00	184.00	91.00	37.10	33.90	21.20	13.40	56.2		Jul 03	353.8	28.21	4.43	1976
1977	9.82	8.67	7.31	12.40	70.20	154.00	122.00	56.00	27.60	25.10	14.60	10.70	43.4		Jun 21	209.0	22.83	6.83	1977
1978	8.84	7.21	6.32	8.52	39.40	158.00	60.70	32.50	27.90	43.40	20.50	11.80	35.5		Jun 06	253.0	21.59	6.19	1978
1979	8.97	6.68	6.31	7.66	42.30	150.00	119.00	46.40	46.00	30.30	13.60	11.10	40.8		Jun 05	189.0	33.59	5.76	1979
1980	8.89	6.83	6.68	8.91	81.80	131.00	67.40	36.40	38.10	46.60	24.80	16.40	39.5		Jun 19	172.0	28.76	6.01	1980
1981	12.00	8.56	8.08	9.30	131.00	171.00	106.00	41.70	27.80	27.00	18.60	14.00	48.1		May 29	421.0	23.34	7.66	1981
1982	8.29	6.96	7.92	8.20	39.90	210.00	118.00	56.50	41.90	33.20	18.20	12.10	46.8		Jun 16	318.0	29.79	6.65	1982
1983	10.40	8.70	8.28	12.60	68.10	164.00	111.00	54.20	35.20	25.10	16.40	9.58	43.8		Jun 03	329.0	31.03	7.86	1983
1984	7.58	6.61	7.41	10.20	40.60	182.00	126.00	73.40	41.50	45.80	21.80	16.40	48.3		Jun 15	299.0	32.10	6.30	1984
1985	10.60	7.23	6.17	7.06	60.70	128.00	116.00	38.30	37.60	24.60	12.10	7.07	38.1		Jul 03	263.0	26.71	5.93	1985
1986	7.39	6.70	6.68	8.03	36.20	165.00	119.00	43.80	27.50	39.70	19.70	12.50	41.1		Jun 09	228.0	22.17	5.49	1986
1987	9.05	8.76	8.76	7.95	81.40	226.00	130.00	53.10	55.10	39.40	23.10	18.90	55.3		Jun 24	317.0	33.91	7.10	1987
1988	10.40	7.69	7.62	13.20	119.00	182.00	110.00	51.40	25.40	31.70	20.80	14.00	49.5		Jun 11	287.0	20.01	6.97	1988
1989	10.80	7.20	6.49	12.30	94.90	148.00	65.90	41.90	26.20	29.10	17.50	13.30	39.6		Jun 07	239.0	21.67	6.21	1989
1990	8.29	6.44	7.08	10.40	95.30	264.00	105.00	36.00	23.00	14.50	11.50	9.08	49.3		Jun 03	568.0	17.61	6.01	1990
1991	7.14	7.52	6.76	12.80	102.00	137.00	79.20	39.80	37.70	39.80	20.50	15.20	42.3		Jun 29	177.0	30.01	6.43	1991
1992	11.00	8.82	9.23	21.40	77.50	231.00	83.70	29.90	31.50	49.90	21.50	14.20	49.1		Jun 17	354.0	17.97	8.28	1992
1993	9.16	8.11	7.26	12.70	132.00	115.00	73.70	53.40	30.30	19.90	15.80	10.10	40.9		May 23	260.0	22.86	6.74	1993
1994	7.97	6.68	7.19	11.10	83.20	134.00	93.20	47.80	47.30	30.20	18.70	13.60	41.9		Jun 10	190.0	34.17	5.89	1994
1995	10.70	9.47	8.21	10.60	104.00	125.00	95.90	49.30	30.10	19.10	12.50	9.26	40.6		May 30	194.0	21.80	7.75	1995
1996	7.39	6.19	5.74	11.20	53.40	204.00	180.00	77.00	47.40	45.80	21.70	13.40	56.2		Jun 08	273.0	40.59	5.60	1996
1997	10.40	8.81	8.36	10.80	96.30	193.00	95.10	59.50	48.40	39.00	25.50	20.40	51.4		Jun 07	327.0	38.40	7.96	1997
1998	12.40	9.66	9.00	10.00	162.00	124.00	51.80	31.40	27.50	30.70	16.60	13.80	41.8		May 31	376.0	23.84	7.63	1998
1999	11.50	9.13	8.00	11.00	56.80	214.00	122.00	49.60	30.60	22.40	17.30	11.60	47.1		Jun 18	431.0	24.69	5.73	1999
2000	8.76	7.02	6.66	8.84	37.30	183.00	121.00	54.60	46.40	27.70	17.00	12.00	44.2		Jun 15	232.0	38.96	6.57	2000
2001	9.48	7.63	6.77	8.76	33.30	228.00	149.00	61.10	40.50	25.80	17.70	10.60	50.0		Jun 18	302.0	30.24	6.60	2001
2002	9.48	7.95	6.88	8.13	62.40	262.00	121.00	52.80	45.80	35.60	16.60	12.70	53.5		Jun 17	436.0	32.77	6.53	2002
2003	10.80	9.45	8.13	9.00	66.10	176.00	123.00	41.80	41.70	36.70	22.80	13.80	46.7		Jul 03	300.0	27.71	5.87	2003
2004	11.00	9.69	9.07	11.60	82.70	142.00	74.30	46.00	37.10	34.40	20.40	15.30	41.2		Jun 08	238.0	31.19	8.86	2004
2005	11.90	9.32	8.16	16.90	122.00	155.00	66.30	41.90	31.60	22.70	17.00	12.80	43.1		Jun 04	263.0	24.41	6.95	2005
2006	10.20	8.75	8.39	8.88	67.30	169.00	65.10	25.80	15.10	12.40	8.68	7.37	33.9		Jun 05	250.0	13.60	6.98	2006
2007	6.23	5.69	5.80	8.08	53.70	242.00	130.00	52.10	35.60	26.90	15.60	11.30	49.5		Jun 07	495.0	27.54	5.48	2007
2008	8.59	7.95	7.55	6.20	100.00	155.00	92.40	60.20	33.60	23.00	15.90	13.10	43.7		Jun 01	287.0	23.30	5.44	2008
2009	9.39	7.34	6.26	6.31	55.30	188.00	80.00	33.30	38.40	21.00	12.30	9.37	38.9		Jun 12	311.0	25.64	5.98	2009
2010	8.22	7.54	7.04	11.90	79.60	130.00	54.10	26.00	24.60	36.00	14.80	9.75	34.2		May 30	171.0	16.41	5.58	2010
2011	7.96	7.32	6.95	5.84	89.70	194.00	107.00	59.90	51.30	45.10	21.00				Jun 02	261.0	36.67	4.59	2011
Avg.	9.40	7.81	7.37	10.11	77.5	175.8	103.27	48.49	35.84	31.49	17.90	12.57	44.73	44.72		294	27.11	6.47	m^3/s
S. D.	1.54	1.09	0.94	3.13	30.90	39.88	31.67	14.04	9.08	9.49	3.90	2.90	5.93			91.61	6.60	0.99	m^3/s
Normal	9.55	7.92	7.50	10.51	79.80	178.23	101.92	47.45	35.41	30.30	17.62	12.55	45.01	m^3/s					
Normal	9	7	7	9	72	157	93	43	31	28	15	11	482	mm	10-Year	414.15	18.79	5.25	m^3/s









HALFWAY RIVER ABOVE GRAHAM RIVER 7FA003

Station Longitude Latitude: -122.241100 56.508330

Monthly and Annual Discharge in m^3/s | Drainage Area = 3764.13 km^2 | Median Elevation = 1259 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977									47.60	38.20	19.10	10.20							1977
1978	7.40	6.34	5.68	11.50	62.60	108.00	30.20	21.40	27.90	18.50	14.00	7.02	26.73		May 31	223.00	19.014	4.791	1978
1979	3.17	2.38	3.14	7.42	30.00	61.80	92.20	29.40	63.80	35.20	16.20	6.80	29.43		Jul 03	289.00	18.543	2.279	1979
1980	4.01	3.07	4.36	8.85	19.30	113.00	96.90	42.50	45.70	35.40	15.30	9.54	33.19		Jun 19	557.00	31.529	2.830	1980
1981	5.96	3.86	3.59	8.96	121.00	126.00	60.20	29.50	32.60	17.90	11.20	7.96	35.89		May 27	464.00	15.657	3.330	1981
1982	5.53	5.02	4.98	12.20	92.10	121.00	63.70	30.80	22.60	17.20	9.59	6.84	32.76		May 18	309.00	18.500	4.609	1982
1983	4.73	4.46	4.62	9.30	33.10	103.00	128.00	38.60	19.10	12.40	6.88	4.66	30.91		Jul 08	313.00	15.400	3.921	1983
1984	3.44	4.22	5.49	8.13	39.30	259.00	56.60	28.60	35.00	25.70	14.80	10.70	40.70		Jun 08	528.00	23.071	2.981	1984
1985	7.01	4.74	4.85	11.00	33.60	89.40	51.10	11.20	59.80	23.80	9.08	8.28	26.15		Jun 23	408.00	8.711	4.491	1985
1986	6.15	4.56	4.44	8.47	45.00	63.30	120.00	61.80	29.20	37.50	17.30	10.00	34.27		Jul 15	645.00	21.571	3.947	1986
1987	7.29	6.06	5.13	12.80	58.80	98.00	125.00	178.00	43.60	23.10	13.10	8.94	48.74		Aug 02	555.00	34.271	5.014	1987
1988	5.88	5.38	5.45	28.80	101.00	119.00	66.50	27.60	13.30	11.20	7.98	7.32	33.34		Jun 07	294.00	9.763	4.996	1988
1989	5.07	4.46	4.83	16.40	86.50	95.10	83.80	78.90	44.80	31.80	9.42	9.18	39.45		Jul 08	149.00	33.743	4.014	1989
1990	7.12	4.99	5.47	13.40	87.50	192.00	84.10	28.70	16.40	12.10	8.00	5.35	38.83		Jun 01	984.00	13.371	4.753	1990
1991	4.94	4.99	4.38	11.00	52.80	74.60	55.20	21.30	23.20	16.90	10.70	6.94	24.00		Jun 04	102.00	17.486	4.111	1991
1992	4.77	4.33	5.15	21.50	44.40	99.80	42.60	17.10	15.30	19.90	9.13	5.23	24.07		Jun 11	161.00	12.700	3.929	1992
1993	4.01	4.18	3.73	9.84	44.40	140.00	179.00	142.00	51.60	19.60	10.30	8.01	51.76		Jun 28	468.00	29.357	3.457	1993
1994	6.42	5.55	6.75	26.60	79.10	108.00	169.00	70.20	31.00	22.60	10.90	7.25	45.62		Jul 03	576.00	28.80	5.13	1994
1995	5.90	5.31	5.77	9.58	42.90	140.00	163.00	66.30	43.90	22.20	14.20	11.60	44.46		Jul 05	494.00	30.23	5.11	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
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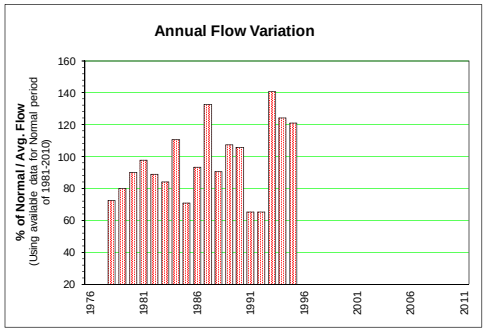
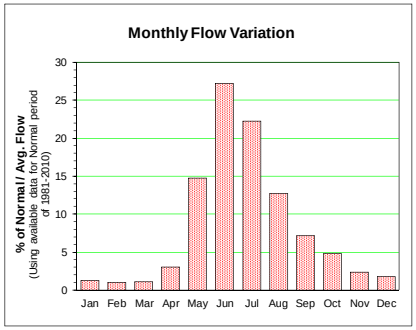
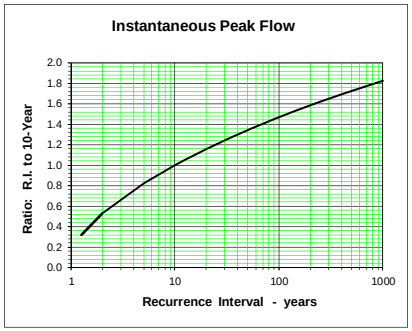
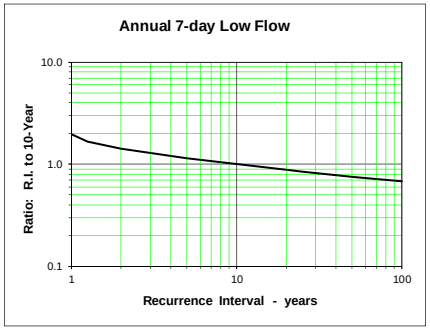
2011																			2011
Avg.	5.49	4.66	4.88	13.10	59.63	117.28	92.62	51.33	35.07	23.22	11.96	7.99	35.57	35.58		417.72	21.21	4.09	m^3/s
S. D.	1.31	0.97	0.87	6.29	28.41	46.62	45.28	44.40	15.09	8.62	3.49	1.91	8.33			215.40	8.27	0.85	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5.61	4.81	4.98	13.87	64.10	121.88	96.52	55.37	32.09	20.93	10.84	7.88	36.73	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	3	4	10	46	84	69	39	22	15	7	6	308	mm	10-Year	725.3	11.322	2.940	m^3/s







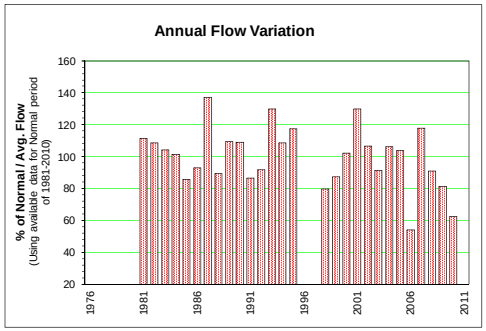


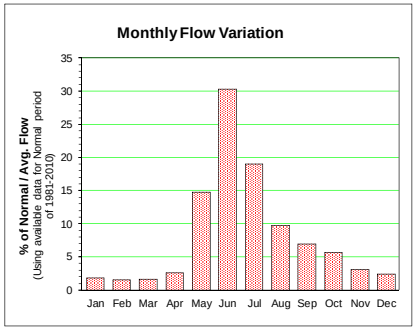
GRAHAM RIVER ABOVE COLT CREEK 7FA005

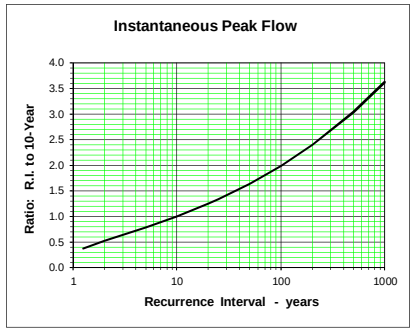
Station Longitude Latitude: -122.356387 56.458825

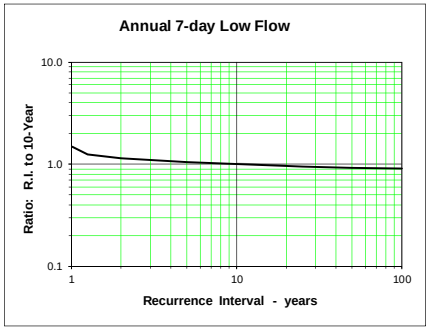
Monthly and Annual Discharge in m^3/s | Drainage Area = 2138.76 km^2 | Median Elevation = 1359 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981	6.34	4.87	4.44	5.95	77.00	99.10	51.40	21.80	19.30	13.10	9.55	7.66	26.81		May 28	277.00	12.99	3.88	1981
1982	5.42	4.65	4.45	4.52	33.00	105.00	66.90	30.70	20.00	15.30	12.60	10.30	26.14		Jun 14	145.00	15.19	4.20	1982
1983	6.12	5.21	4.28	7.80	37.00	76.50	92.00	27.30	16.90	13.20	8.24	5.34	25.13		Jul 03	203.00	14.53	3.67	1983
1984	4.27	4.51	4.77	5.95	23.90	118.00	49.10	20.60	22.80	25.00	8.45	6.49	24.44		Jun 14	198.00	16.44	3.85	1984
1985	5.36	3.97	4.09	8.28	28.40	64.30	49.80	17.30	32.00	18.70	7.61	7.29	20.65		Jul 01	117.00	13.24	3.80	1985
1986	6.28	4.73	4.72	6.55	23.40	63.50	68.10	30.40	16.00	23.70	11.90	8.47	22.43		Jul 16	207.00	13.03	4.02	1986
1987	6.16	5.13	4.29	6.79	46.00	101.00	62.60	83.70	35.70	22.70	11.70	8.13	32.99		Aug 02	199.00	26.63	4.14	1987
1988	5.02	4.51	4.58	10.50	58.80	74.20	38.40	20.80	13.30	13.40	8.21	5.93	21.51		Jun 09	139.00	11.26	4.20	1988
1989	4.49	4.32	4.66	8.20	61.60	81.50	58.20	32.10	19.10	21.00	10.10	8.93	26.32		Jun 05	131.00	16.04	3.93	1989
1990	7.28	6.05	6.72	8.98	56.70	136.00	45.60	16.40	11.20	9.09	6.22	4.77	26.26		Jun 02	489.00	9.62	4.16	1990
1991	4.40	4.47	4.03	10.30	59.10	73.10	36.90	13.40	13.60	14.60	8.81	7.08	20.89		May 16	104.05	10.79	3.81	1991
1992	5.66	5.35	6.39	13.70	43.60	98.30	34.70	11.10	10.00	22.50	8.90	5.26	22.10		Jun 17	135.00	6.96	4.07	1992
1993	4.11	4.85	4.89	8.99	60.10	77.80	76.80	67.30	36.90	15.30	9.83	6.69	31.32		Aug 24	164.00	23.14	3.54	1993
1994	5.32	5.57	5.67	10.90	51.00	78.10	68.80	29.60	22.70	16.40	10.80	7.48	26.15		Jul 03	158.00	17.93	5.01	1994
1995	5.37	4.72	4.70	6.40	46.80	71.90	99.10	41.30	24.80	13.50	9.42	9.05	28.28		Jul 05	259.00	17.26	4.48	1995
1996																			1996
1997																			1997
1998	5.13	5.71	7.36	11.60	74.00	45.20	26.50	16.10	11.20	12.70	7.57	6.51	19.24		May 26	133.00	10.41	4.78	1998
1999	4.80	4.34	4.65	11.10	20.80	101.00	46.50	21.40	14.40	11.30	7.20	5.68	21.10		Jun 17	184.50	12.17	4.11	1999
2000	4.17	3.90	3.71	4.04	11.80	93.40	73.60	30.40	34.00	18.60	11.50	6.57	24.63		Jun 10	179.00	18.46	3.36	2000
2001	4.39	4.02	3.91	5.98	24.00	173.00	85.30	32.10	16.10	11.10	8.79	6.38	31.26		Jun 13	461.00	14.67	3.63	2001
2002	4.62	4.10	3.98	5.59	31.70	133.00	56.90	22.60	18.60	16.70	6.12	4.22	25.69		Jun 17	195.00	15.23	3.73	2002
2003	4.07	4.82	4.41	6.82	30.20	70.30	69.70	23.50	15.80	15.20	10.30	7.81	22.01		Jul 02	190.00	13.73	3.91	2003
2004	6.61	4.61	4.82	7.18	34.00	57.80	53.60	28.70	50.40	31.60	15.80	11.00	25.54		Jul 04	97.50	21.66	4.24	2004
2005	6.84	5.72	5.60	13.00	66.40	82.70	35.00	29.40	23.20	15.70	9.85	6.25	25.05		May 30	147.00	20.31	4.82	2005
2006	6.32	6.35	5.54	6.86	29.60	48.80	19.60	10.80	7.00	6.25	4.91	4.23	13.03		May 30	84.60	6.69	4.13	2006
2007	3.97	3.53	3.34	5.26	35.50	155.00	50.20	27.50	22.40	17.10	10.50	6.56	28.39		Jun 06	389.00	17.41	3.25	2007
2008	6.11	5.03	4.83	5.56	48.50	79.30	34.70	31.80	18.60	12.90	8.26	6.82	21.89		May 30	136.00	14.49	4.64	2008
2009	5.86	4.66	3.59	4.01	23.80	79.30	47.30	26.90	15.40	10.60	7.22	5.55	19.56		Jun 05	128.00	13.11	3.37	2009
2010	4.61	4.11	4.16	8.73	37.50	52.70	18.90	10.50	9.98	14.70	8.21	6.23	15.06		May 20	85.60	8.52	4.01	2010
2011																			2011
Avg.	5.33	4.78	4.74	7.84	41.94	88.92	54.15	27.70	20.41	16.14	9.23	6.88	24.07	24.06		190.54	14.71	4.03	m^3/s
S. D.	0.95	0.68	0.93	2.63	17.23	31.05	20.49	15.66	9.76	5.39	2.24	1.64	4.53			102.47	4.67	0.44	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5.33	4.78	4.74	7.84	41.94	88.92	54.15	27.70	20.41	16.14	9.23	6.88	24.07	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7	5	6	10	53	108	68	35	25	20	11	9	355	mm	10-Year	311.4	9.049	3.497	m^3/s







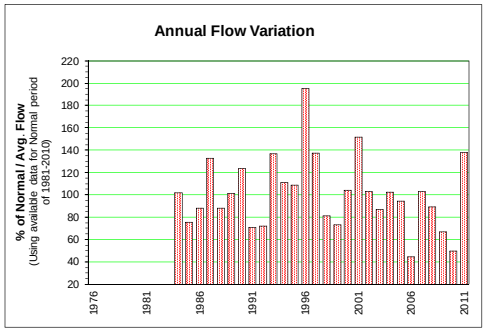


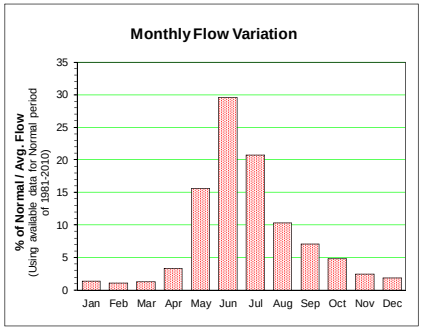
Halfway River near Farrell Creek 7FA006

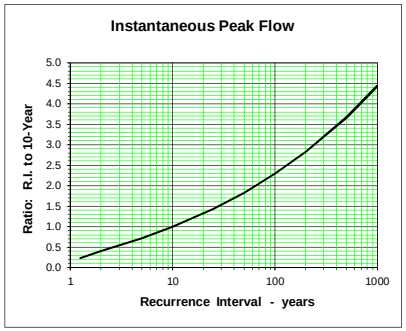
Station Longitude Latitude: -121.627500 56.251110

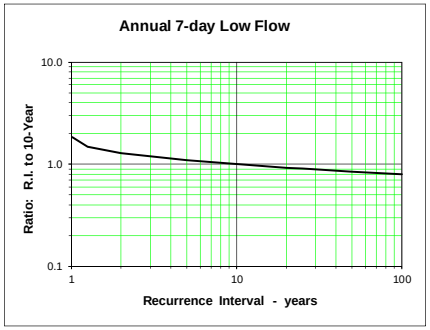
Monthly and Annual Discharge in m^3/s | Drainage Area = 9288.29 km^2 | Median Elevation = 1062 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984	8.25	9.27	10.40	17.50	120.00	399.00	116.00	46.10	67.50	52.40	23.60	17.40	73.73		Jun 09	894.00	35.14	7.757	1984
1985	12.60	9.27	9.13	23.20	55.80	168.00	130.00	43.90	118.00	51.10	18.40	16.70	54.75		Jun 24	453.00	35.97	8.707	1985
1986	14.00	10.30	9.43	22.70	114.00	123.00	213.00	93.40	45.50	60.40	30.50	19.90	63.53		Jul 16	941.00	32.93	8.449	1986
1987	14.40	12.00	9.84	33.60	143.00	229.00	211.00	311.00	87.60	50.30	25.90	16.00	96.00		Aug 02	1050.00	65.59	9.220	1987
1988	11.00	10.90	11.20	50.90	193.00	218.00	113.00	53.10	31.70	30.60	22.40	19.00	63.84		Jun 07	575.00	27.59	9.874	1988
1989	11.90	9.09	10.00	33.10	206.00	198.00	149.00	116.00	56.80	45.50	20.50	18.50	73.34		May 11	314.00	39.77	8.154	1989
1990	12.40	8.61	9.46	29.00	218.00	497.00	183.00	43.00	25.30	19.90	14.30	11.60	89.39		Jun 02	2166.40	21.01	8.299	1990
1991	9.13	10.10	9.26	19.90	130.00	198.00	110.00	29.60	36.30	31.30	17.80	13.90	51.43		Jun 05	366.00	22.19	8.650	1991
1992	10.40	10.10	14.70	53.50	107.00	228.00	83.00	26.00	24.80	41.00	18.60	11.60	52.31		Jun 11	478.00	18.97	8.914	1992
1993	8.25	7.74	8.34	21.90	100.00	262.00	306.00	266.00	112.00	43.10	23.40	18.00	98.73		Aug 25	924.00	64.21	7.186	1993
1994	14.30	12.30	15.10	64.60	155.00	233.00	233.00	96.70	55.00	36.50	20.30	20.00	80.05		Jul 04	1050.71	50.26	11.39	1994
1995	11.70	10.60	11.80	20.80	99.10	194.00	296.00	135.00	72.30	36.20	25.40	22.00	78.46		Jul 05	984.00	44.27	10.50	1995
1996	16.30	13.40	14.80	30.30	149.00	584.00	599.00	111.00	61.30	52.50	32.80	20.80	140.73		Jul 19	1780.00	52.04	12.10	1996
1997	17.30	13.80	11.40	30.30	232.00	300.00	198.00	93.60	126.00	110.00	35.50	15.70	99.06		Jun 28	577.00	59.79	10.64	1997
1998	12.20	13.50	20.30	65.40	239.00	143.00	81.80	39.60	26.40	29.50	17.10	14.30	58.83		May 16	363.00	24.53	11.37	1998
1999	12.50	12.10	12.50	42.70	79.40	251.00	118.00	43.20	22.50	16.30	12.60	10.40	52.78		Jun 17	408.00	17.81	9.60	1999
2000	7.90	8.10	8.45	15.60	45.00	277.00	261.00	94.70	98.50	42.60	26.30	15.90	75.13		Jun 10	1070.00	60.77	7.06	2000
2001	15.80	13.80	12.10	16.40	95.40	687.00	274.00	95.80	46.90	29.20	15.60	12.30	109.41		Jun 12	3020.00	39.93	10.74	2001
2002	10.10	10.10	9.25	19.20	176.00	334.00	133.00	70.60	55.20	37.80	20.80	14.50	74.38		Jun 07	615.00	47.03	8.29	2002
2003	11.80	10.90	9.31	18.60	101.00	171.00	248.00	70.40	35.20	31.10	25.10	18.90	63.04		Jul 02	945.00	34.31	8.59	2003
2004	15.50	11.10	11.40	22.40	82.80	136.00	168.00	77.60	221.00	85.00	33.00	21.60	73.81		Jul 04	529.00	43.29	9.99	2004
2005	15.50	14.00	13.20	52.00	158.00	228.00	111.00	94.40	60.10	37.00	21.30	14.10	68.42		Jun 12	416.00	51.41	11.21	2005
2006	11.90	11.50	9.20	18.60	81.20	124.00	48.20	26.60	18.50	16.60	11.80	10.30	32.42		May 31	235.00	17.37	7.96	2006
2007	8.80	8.32	7.41	25.80	137.00	365.00	122.00	76.10	61.90	38.10	23.00	16.90	74.25		Jun 07	726.00	43.16	7.00	2007
2008	15.20	11.10	9.51	15.40	181.00	205.00	89.90	125.00	52.80	31.70	20.30	13.80	64.42		Aug 11	541.00	37.80	9.31	2008
2009	10.70	8.68	7.17	12.80	95.20	163.00	123.00	62.40	39.70	26.70	17.90	13.00	48.57		Jul 08	264.00	33.21	6.95	2009
2010	10.60	9.63	9.80	34.50	93.20	108.00	49.20	25.90	25.60	34.20	18.40	10.50	35.89		May 21	208.00	23.10	8.06	2010
2011	6.00	6.06	6.98	13.80	241.00	360.00	368.00	76.30	40.10	35.80	17.70	13.70	99.45		Jun 26	1613.97	35.87	5.54	2011
Avg.	12.02	10.58	10.77	29.45	136.68	263.68	183.40	87.25	61.59	41.16	21.80	15.76	73.08	73.07		839.54	38.55	8.98	m^3/s
S. D.	2.87	2.04	2.88	15.21	56.04	139.67	115.68	65.09	42.99	19.45	5.99	3.50	23.31			639.74	14.23	1.60	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	12.24	10.75	10.91	30.03	132.82	260.11	176.56	87.66	62.39	41.36	21.95	15.84	72.10	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	3	3	8	38	73	51	25	17	12	6	5	245	mm	10-Year	1611.0	21.394	6.954	m^3/s







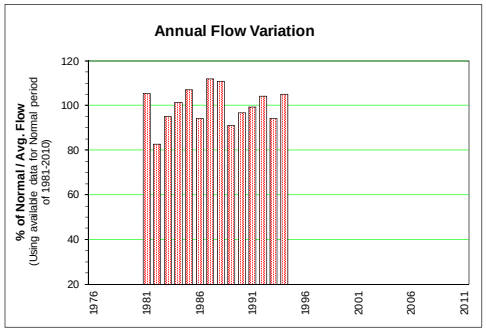


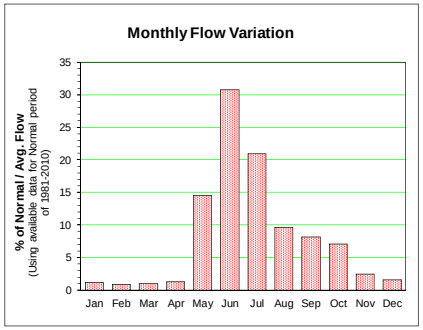
STIKINE RIVER BELOW SPATSIZI RIVER 8CA002

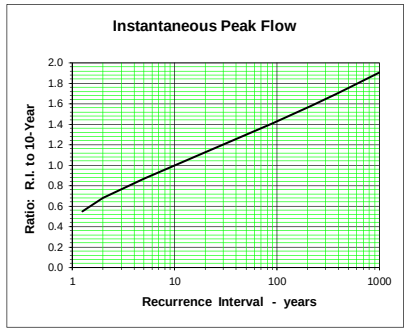
Station Longitude Latitude: -128.112331 57.734069

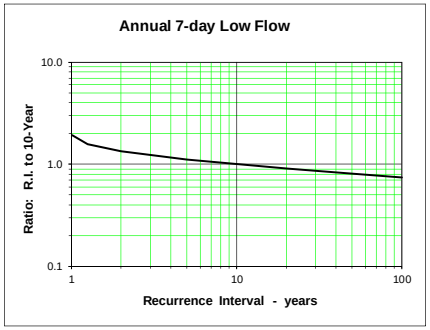
Monthly and Annual Discharge in m^3/s | Drainage Area = 7588.26 km^2 | Median Elevation = 1556 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980									172.00	194.00	76.20	31.30							1980
1981	26.10	21.30	17.70	21.90	348.00	502.00	345.00	136.00	128.00	65.00	27.40	19.20	138.75		May 27	903.00	88.757	15.043	1981
1982	15.80	15.60	13.30	11.80	55.10	518.00	230.00	124.00	161.00	103.00	38.50	23.10	109.07		Jun 14	714.00	97.029	11.486	1982
1983	17.60	16.80	15.40	16.20	218.00	513.00	254.00	160.00	153.00	82.90	33.50	18.90	125.24		Jun 02	1070.00	120.571	12.786	1983
1984	14.40	14.20	15.00	19.00	107.00	458.00	345.00	274.00	186.00	115.00	30.20	20.30	133.39		Jun 11	695.00	120.571	13.743	1984
1985	17.40	14.90	17.10	19.40	183.00	439.00	555.00	160.00	143.00	89.10	26.50	17.20	140.98		Jul 07	1000.00	108.714	13.414	1985
1986	12.70	9.21	9.75	11.50	90.40	436.00	407.00	133.00	80.50	200.00	58.60	31.30	124.01		Jun 08	707.00	55.214	8.143	1986
1987	22.50	17.50	12.60	14.00	174.00	541.00	443.00	131.00	147.00	175.00	50.00	36.10	147.59		Jul 03	961.00	90.614	12.129	1987
1988	21.90	16.80	15.60	19.30	265.00	528.00	389.00	215.00	107.00	103.00	44.40	23.00	146.05		Jun 12	998.00	74.243	15.500	1988
1989	18.30	16.20	16.10	23.60	275.00	412.00	256.00	172.00	95.20	90.40	33.80	25.00	120.08		Jun 05	670.00	71.357	14.657	1989
1990	17.90	17.30	16.50	22.80	306.00	641.00	235.00	95.90	68.30	52.60	28.80	26.80	127.62		Jun 02	1530.00	64.086	16.057	1990
1991	20.50	15.50	11.70	15.40	272.00	401.00	238.00	134.00	198.00	161.00	62.90	35.00	130.93		Jun 23	545.00	108.286	10.414	1991
1992	24.50	21.80	25.40	42.40	160.00	672.00	284.00	96.20	112.00	139.00	42.70	32.00	137.43		Jun 16	1150.00	61.514	20.300	1992
1993	23.10	18.10	15.30	33.30	438.00	419.00	224.00	111.00	71.30	59.30	45.10	24.40	124.15		May 22	842.00	61.486	13.829	1993
1994	18.00	15.90	16.60	23.90	271.00	428.00	344.00	161.00	197.00	112.00	37.20	28.10	138.36		Jul 10	630.00	120.57	14.64	1994
1995	21.40	16.40	14.80															13.83	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	19.47	16.50	15.52	21.04	225.89	493.43	324.93	150.22	134.62	116.09	42.39	26.11	131.69	131.64		886.79	88.79	13.73	m^3/s
S. D.	3.79	2.91	3.48	8.40	105.62	83.52	98.13	47.66	44.25	47.69	14.40	6.02	10.73			259.92	24.21	2.75	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	19.47	16.50	15.52	21.04	225.89	493.43	324.93	150.22	131.95	110.52	39.97	25.74	131.69	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7	5	5	7	80	169	115	53	45	39	14	9	548	mm	10-Year	1232.6	59.400	10.212	m^3/s







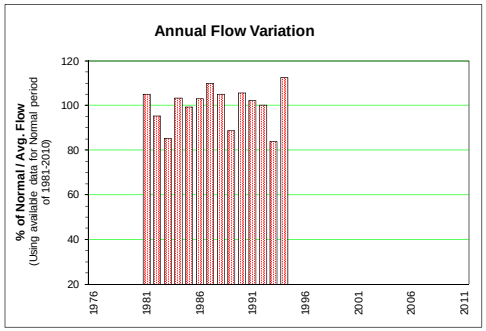


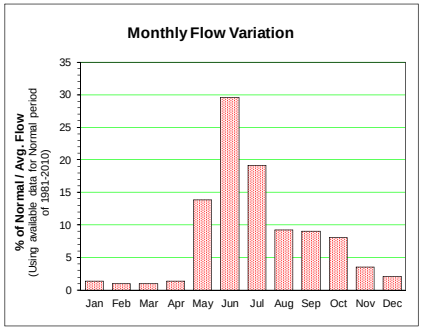
PITMAN RIVER NEAR THE MOUTH 8CA003

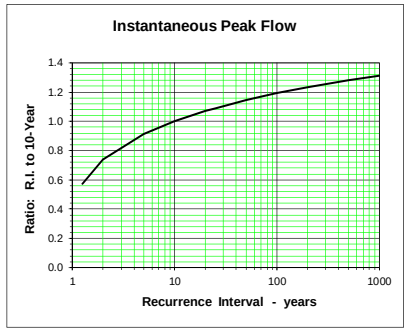
Station Longitude Latitude: 53.234169

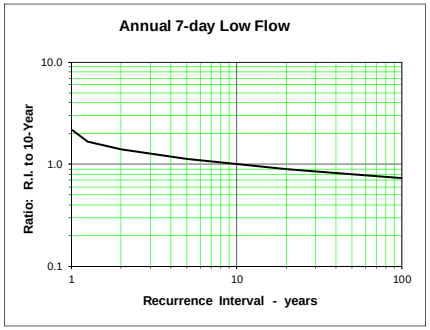
Monthly and Annual Discharge in m^3/s | Drainage Area = 2,730 km^2 | Median Elevation = 1442 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980									63.20	68.00	30.10	12.00							1980
1981	9.37	7.62	6.38	7.72	119.00	176.00	103.00	37.60	46.70	34.90	18.10	10.00	48.21		Jun 01	330.00	23.89	5.36	1981
1982	6.03	5.87	4.60	3.21	32.10	197.00	88.40	53.30	65.30	40.10	17.80	11.00	43.74		Jun 14	278.00	38.43	3.12	1982
1983	8.28	7.67	6.45	6.25	48.40	144.00	71.60	61.90	60.60	32.00	14.50	7.53	39.17		Jun 02	327.00	44.67	5.77	1983
1984	5.02	4.55	5.16	6.69	34.00	163.00	123.00	98.30	67.40	36.70	15.30	9.54	47.45		Jun 25	339.00	34.70	4.35	1984
1985	6.77	6.36	6.83	7.63	56.50	140.00	196.00	50.40	32.20	19.10	12.30	9.90	45.62		Jul 12	471.00	29.66	5.96	1985
1986	7.05	4.48	4.36	5.02	34.30	144.00	122.00	48.60	36.10	99.80	41.10	18.00	47.31		Oct 07	259.00	26.66	4.00	1986
1987	10.50	7.79	4.92	5.70	64.90	167.00	123.00	48.30	62.70	73.00	21.30	14.20	50.47		Jun 22	318.00	34.24	4.64	1987
1988	7.82	6.13	6.00	7.06	86.60	194.00	114.00	53.90	34.90	38.20	19.60	10.20	48.26		Jun 12	369.00	30.27	5.86	1988
1989	6.94	6.59	6.49	9.06	102.00	140.00	76.10	46.70	34.10	29.50	17.40	11.80	40.73		Jun 05	218.00	22.79	6.09	1989
1990	9.12	7.25	7.15	9.04	109.00	236.00	88.50	36.10	33.50	23.10	14.30	9.04	48.58		Jun 01	471.00	29.87	6.79	1990
1991	6.60	5.98	4.12	5.96	88.00	126.00	68.50	46.50	93.60	69.90	30.30	16.30	46.96		Jun 22	162.00	27.19	3.97	1991
1992	9.73	7.66	8.11	10.60	60.00	223.00	88.60	31.70	39.50	45.80	16.60	11.60	46.00		Jun 16	367.00	20.80	6.88	1992
1993	7.64	4.86	4.39	9.83	129.00	120.00	67.30	31.20	21.60	28.30	24.10	12.10	38.57		May 21	300.00	18.80	3.59	1993
1994	7.16	6.21	6.03	13.20	91.90	149.00	128.00	59.20	84.50	46.50	14.80	10.50	51.64		Jul 10	286.00	46.83	5.22	1994
1995	7.11	6.15	5.10															4.96	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	7.68	6.34	5.74	7.64	75.41	165.64	104.14	50.26	51.73	45.66	20.51	11.58	45.91	45.91		321.07	30.63	5.10	m^3/s
S. D.	1.48	1.12	1.18	2.55	32.67	35.44	34.35	16.75	21.08	22.38	7.87	2.76	4.00			84.63	8.43	1.15	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.68	6.34	5.74	7.64	75.41	165.64	104.14	50.26	50.91	44.06	19.82	11.55	45.91	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	7	74	157	102	49	48	43	19	11	531	mm	10-Year	432.4	20.968	3.645	m^3/s







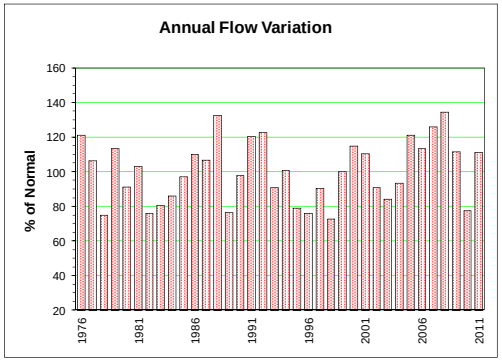


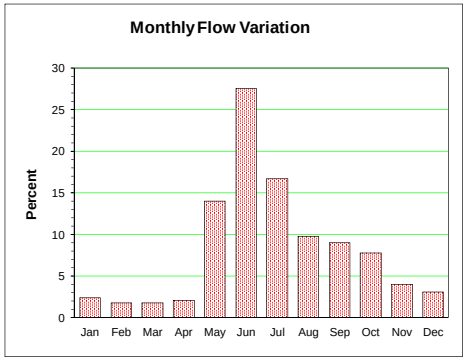
LIARD RIVER AT UPPER CROSSING 10AA001

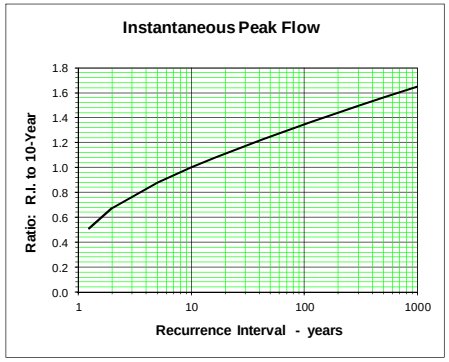
Station Longitude Latitude: -128.899990 60.049999

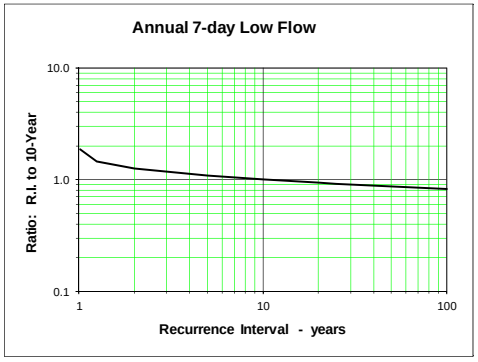
Monthly and Annual Discharge in m^3/s | Drainage Area = 31957.66 km^2 | Median Elevation = 1166 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	77.9	66.6	64.5	87.0	668.0	1560.0	1290.0	577.0	393.0	281.0	169.0	107.0	446.0		Jun 12	2090	345.14	63.40	1976
1977	95.4	92.9	82.0	104.0	602.0	1410.0	883.0	487.0	361.0	303.0	150.0	104.0	390.7		Jun 05	1950	291.71	77.37	1977
1978	74.6	65.0	58.1	67.7	327.0	756.0	525.0	420.0	301.0	329.0	201.0	169.0	275.5		Jun 09	961	260.86	56.71	1978
1979	108.0	76.0	75.8	76.2	518.0	1470.0	1220.0	541.0	334.0	288.0	176.0	107.0	417.6		Jun 04	1947	291.29	70.19	1979
1980	94.0	90.0	73.1	81.2	564.0	923.0	535.0	466.0	358.0	483.0	224.0	120.0	334.9		Jun 11	1260	318.14	68.53	1980
1981	116.0	103.0	88.4	81.7	903.0	1120.0	627.0	320.0	435.0	338.0	233.0	159.0	378.3		May 29	2080	242.43	77.93	1981
1982	99.1	62.9	57.6	62.2	393.0	1150.0	522.0	280.0	274.0	231.0	124.0	91.4	279.4		Jun 05	1870	239.00	55.64	1982
1983	70.2	54.0	58.3	64.8	428.0	1100.0	529.0	361.0	389.0	259.0	138.0	87.1	295.4		Jun 03	1720	298.29	52.66	1983
1984	62.9	56.9	58.9	74.5	469.0	1170.0	687.0	391.0	362.0	225.0	138.0	99.3	316.3		Jun 10	1770	267.86	55.96	1984
1985	78.4	64.5	57.1	62.8	376.0	1360.0	950.0	440.0	362.0	271.0	145.0	109.0	357.3		Jun 07	2310	345.29	56.06	1985
1986	89.3	68.4	67.6	81.2	412.0	1330.0	1040.0	478.0	374.0	433.0	290.0	177.0	404.9		Jun 09	1890	316.86	64.77	1986
1987	115.0	86.6	77.9	84.0	562.0	1300.0	887.0	441.0	394.0	377.0	208.0	157.0	392.1		Jun 02	2270	371.00	76.20	1987
1988	113.0	86.4	78.6	91.5	921.0	1450.0	1340.0	581.0	392.0	372.0	235.0	169.0	487.4		Jul 15	2500	381.57	77.63	1988
1989	115.0	90.9	77.4	142.0	753.0	820.0	423.0	263.0	199.0	226.0	138.0	117.0	281.4		Jun 08	1000	179.43	65.71	1989
1990	89.8	71.3	63.3	83.2	642.0	1500.0	704.0	309.0	321.0	257.0	152.0	115.0	359.6		Jun 02	2800	246.71	62.33	1990
1991	94.0	89.6	83.6	151.0	715.0	1080.0	826.0	647.0	646.0	489.0	267.0	207.0	443.1		Jun 01	1200	500.57	77.14	1991
1992	153.0	116.0	91.9	90.1	403.0	2080.0	1060.0	520.0	364.0	283.0	124.0	127.0	450.5		Jun 17	2870	345.00	72.31	1992
1993	100.0	83.5	74.8	88.6	709.0	1070.0	632.0	350.0	288.0	351.0	145.0	108.0	334.7		Jun 05	1510	260.43	70.54	1993
1994	118.0	90.5	74.2	93.9	684.0	1200.0	642.0	347.0	397.0	481.0	150.0	153.0	370.5		Jun 13	1500	283.86	70.86	1994
1995	118.0	97.3	82.2	108.0	605.0	699.0	446.0	419.0	405.0	280.0	99.4	110.0	290.2		May 15	1000	355.00	65.43	1995
1996	98.9	82.0	69.6	69.0	387.0	846.0	555.0	376.0	458.0	201.0	111.0	102.0	279.7		Jun 05	1060	355.86	59.70	1996
1997	75.9	64.2	54.3	81.4	652.0	988.0	729.0	502.0	330.0	225.0	160.0	114.0	332.9		Jun 07	1630	300.29	46.67	1997
1998	87.8	73.4	69.0	111.0	744.0	850.0	369.0	226.0	215.0	214.0	146.0	97.7	267.8		May 29	1740	195.00	67.80	1998
1999	76.8	64.9	56.3	68.7	458.0	1520.0	765.0	430.0	371.0	312.0	176.0	115.0	368.5		Jun 18	2190	344.71	52.66	1999
2000	84.9	81.6	82.4	81.3	305.0	1130.0	865.0	723.0	741.0	561.0	249.0	165.0	422.9		Jun 15	1380	508.43	80.29	2000
2001	123.0	96.5	78.2	82.7	337.0	1620.0	836.0	425.0	487.0	406.0	227.0	157.0	406.7		Jun 15	2120	348.29	74.79	2001
2002	106.0	85.3	73.6	67.0	552.0	958.0	546.0	493.0	520.0	326.0	147.0	126.0	334.4		May 31	1380	397.00	65.14	2002
2003	90.4	73.7	66.4	101.0	395.0	856.0	729.0	325.0	338.0	381.0	190.0	152.0	309.4		Jun 21	1120	279.29	63.50	2003
2004	108.0	89.2	80.7	132.0	692.0	1280.0	474.0	277.0	322.0	342.0	195.0	128.0	343.2		Jun 10	1680	238.86	77.21	2004
2005	93.9	83.9	76.9	103.0	1330.0	1350.0	702.0	456.0	437.0	356.0	196.0	137.0	445.6		May 19	2890	380.86	71.67	2005
2006	112.0	99.5	92.3	112.0	667.0	1620.0	640.0	429.0	492.0	415.0	182.0	141.0	417.4		Jun 17	2160	401.86	89.89	2006
2007	125.0	110.0	99.3	96.6	624.0	1540.0	995.0	719.0	446.0	393.0	215.0	167.0	462.5		Jun 08	2850	403.57	86.43	2007
2008	133.0	108.0	106.0	95.3	842.0	1640.0	1040.0	528.0	585.0	453.0	233.0	158.0	494.0		Jun 25	2510	448.00	85.57	2008
2009	116.0	98.3	88.4	105.0	705.0	1530.0	675.0	393.0	471.0	399.0	192.0	133.0	409.5		Jun 09	2130	315.57	87.54	2009
2010	114.0	100.0	93.1	177.0	566.0	788.0	494.0	266.0	265.0	259.0	173.0	123.0	285.6		Jun 04	959	233.71	91.60	2010
2011	100.0	86.2	68.8	70.1	559.0	1200.0	803.0	700.0	620.0	363.0	200.0	112.0	408.2		Jun 23	1840	502.71	60.37	2011
Avg.	100.76	83.58	75.02	92.46	596.4	1229.6	749.58	441.83	401.31	337.86	180.51	131.13	369.28	376.67		1837	327.62	69.39	m^3/s
S. D.	19.36	15.61	12.91	25.64	204.42	314.48	246.23	128.71	115.72	89.55	45.19	28.56	65.50			573.42	81.75	11.32	m^3/s
Normal	102.58	84.41	75.94	94.75	607.70	1231.50	724.30	423.83	402.67	337.20	179.28	133.38	367.37	m^3/s					
Normal	9	6	6	8	51	100	61	36	33	28	15	11	363	mm	10-Year	2705.60	239.40	53.11	m^3/s







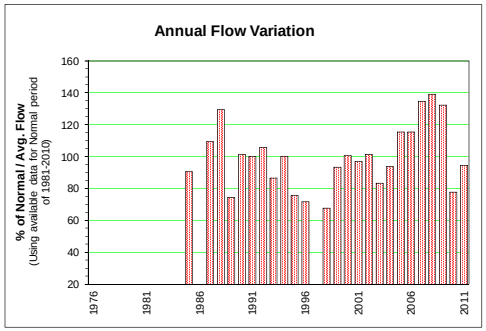


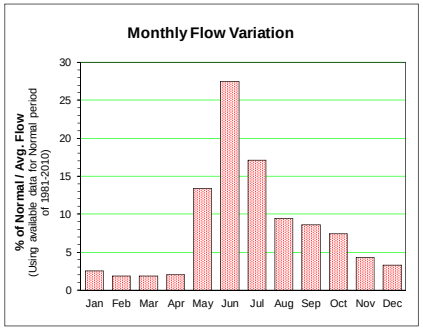
RANCHERIA RIVER NEAR THE MOUTH 10AA004

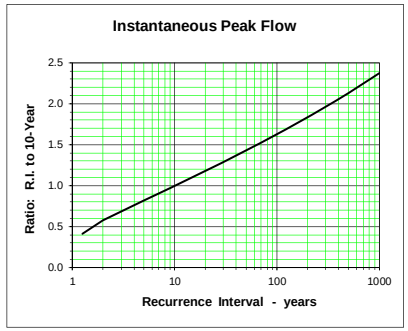
Station Longitude Latitude: -129.550000 60.204170

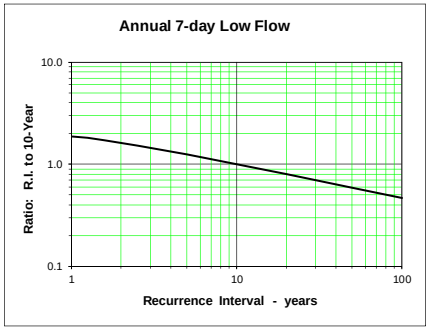
Monthly and Annual Discharge in m^3/s | Drainage Area = 5286.27 km^2 | Median Elevation = 1250 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984																			1984
1985	12.10	11.00	10.70	9.77	51.70	172.00	131.00	54.70	48.40	38.30	19.70	15.60	48.06		Jun 05	355.00	42.94	9.59	1985
1986	12.50	8.02	8.81	14.00							46.20	26.70			Nov 30	261.00		7.62	1986
1987	21.90	15.00	12.80	14.50	70.90	209.00	139.00	63.50	52.60	49.40	27.60	18.60	58.06		Jun 23	516.00	47.27	12.51	1987
1988	16.90	14.30	12.10	13.10	83.60	206.00	240.00	85.70	54.50	44.30	31.10	20.60	68.73		Jul 14	652.00	47.87	11.81	1988
1989	15.10	12.70	7.85	3.43	54.10	135.00	73.00	48.30	39.40	42.70	24.20	18.40	39.61		Jun 05	191.00	32.30	3.29	1989
1990	14.20	12.50	11.30	12.40	92.90	251.00	111.00	46.30	33.30	25.00	19.50	15.50	53.80		Jun 01	581.00	31.47	10.79	1990
1991	13.20	11.50	9.88	13.90	76.80	146.00	86.10	49.50	92.20	69.90	40.00	28.60	53.26		Jun 23	184.00	41.06	9.61	1991
1992	21.30	17.30	13.80	13.00	60.00	240.00	121.00	61.40	47.30	38.70	22.10	19.10	56.20		Jun 16	365.00	43.50	11.79	1992
1993	13.60	11.00	9.59	11.20	104.00	126.00	79.00	47.00	40.00	66.00	23.40	18.60	46.02		May 30	205.00	31.47	9.26	1993
1994	11.40	8.33	6.85	7.82	84.50	163.00	117.00	58.20	70.40	61.30	25.20	21.70	53.19		Jul 02	246.00	42.77	6.47	1994
1995	20.60	18.70	15.90	27.60	114.00	70.60	44.30	51.20	46.10	34.10	20.70	18.50	40.36		May 12	225.82	34.51	15.17	1995
1996	15.40	12.80	10.70	9.42	51.20	129.00	78.20	48.10	41.00	29.80	18.60	13.90	38.19		Jun 08	175.00	39.19	8.95	1996
1997	10.00	10.50	9.84	11.30	73.00				49.90	31.40	22.00	15.40					45.17	9.35	1997
1998	12.50	12.00	11.90	13.90	102.00	100.00	49.30	29.60	29.80	31.60	22.00	16.00	36.02		May 28	307.00	26.00	11.90	1998
1999	13.00	11.90	12.00	13.50	55.90	220.00	91.50	56.60	43.70	38.30	23.40	16.20	49.70		Jun 17	372.00	40.40	11.74	1999
2000	11.70	10.80	10.90	11.30	40.60	163.00	115.00	73.50	90.30	53.30	33.70	26.50	53.38		Jun 15	222.00	65.84	10.80	2000
2001	18.20	12.10	9.62	10.50	38.90	206.00	119.00	60.50	53.00	40.70	28.60	21.50	51.62		Jun 15	300.00	50.43	9.31	2001
2002	16.30	13.30	11.40	10.30	78.10	148.00	93.40	78.30	82.30	58.70	31.80	23.80	53.98		Jun 08	246.00	60.27	10.10	2002
2003	17.50	14.70	12.80	15.50	56.50	113.00	101.00	48.40	46.70	52.50	31.20	19.90	44.30		Jul 05	143.00	40.67	11.66	2003
2004	15.10	12.80	11.50	19.80	121.00	161.00	63.30	42.40	46.60	49.30	28.70	25.50	49.80		Jun 10	264.00	36.20	11.30	2004
2005	19.10	14.30	12.20	16.60	171.00	190.00	105.00	58.60	50.80	39.90	30.90	24.00	61.30		May 18	351.00	45.76	11.39	2005
2006	17.80	14.90	13.70	13.60	108.00	258.00	88.20	52.10	61.50	53.00	32.20	21.20	61.23		Jun 03	469.00	44.09	12.93	2006
2007	15.60	14.30	12.60	15.60	88.60	243.00	172.00	120.00	72.40	55.10	26.90	19.80	71.59		Jun 06	522.00	63.57	11.44	2007
2008	18.00	15.40	14.90	13.90	123.00	258.00	173.00	85.40	75.30	56.10	29.00	23.50	73.89		Jun 24	412.00	70.49	13.64	2008
2009	19.20	17.90	16.00	16.00	118.00	244.00	118.00	64.70	79.50	72.10	45.80	29.50	70.20		Jun 09	383.05	49.56	14.41	2009
2010	19.70	15.70	14.30	20.40	82.50	114.00	62.10	32.60	44.30	38.10	27.80	24.00	41.39		Jun 04	165.00	29.26	14.07	2010
2011	17.40	13.60	11.90	11.30	88.10	136.00	77.50	61.60	83.50	46.00	30.30	23.30	50.17		May 23	215.00	54.13	11.09	2011
Avg.	15.90	13.24	11.70	13.47	84.19	176.06	105.92	59.13	56.72	46.75	28.24	20.96	52.96	52.96		320.30	44.47	10.81	m^3/s
S. D.	3.27	2.59	2.24	4.46	30.57	54.87	43.09	18.81	17.99	12.59	7.20	4.26	10.53			137.33	11.36	2.50	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	15.84	13.22	11.69	13.55	84.03	177.73	107.10	59.03	55.65	46.78	28.17	20.87	53.08	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	7	43	87	54	30	27	24	14	11	317	mm	10-Year	505.6	31.252	7.154	m^3/s









BIG CREEK AT KM 1084.8 ALASKA HIGHWAY 10AA005

Station Longitude Latitude: -129.702770 60.158329

Monthly and Annual Discharge in m^3/s | Drainage Area = 1003.18 km^2 | Median Elevation = 1176 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
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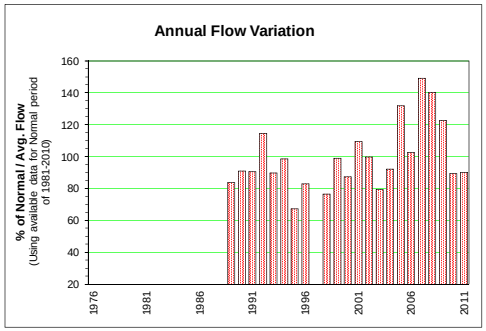
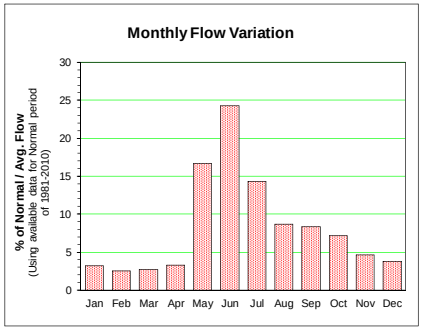
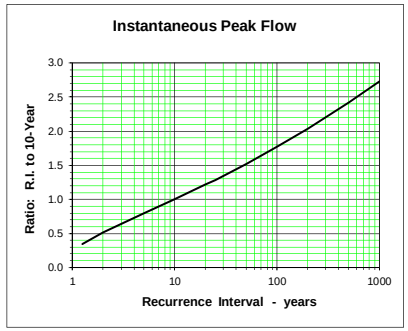
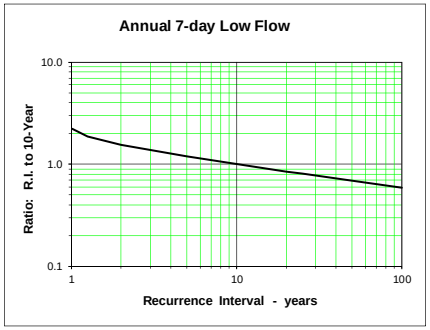
1989	4.11	3.01	2.59	3.88	17.00	12.90	8.82	6.35	5.80	5.71	4.04	3.32	6.49		May 08	28.50	5.22	2.26	1989
1990	2.72	2.38	2.56	3.13	15.70	27.30	10.50	4.94	4.83	4.09	3.30	2.81	7.03		Jun 01	52.90	4.34	2.30	1990
1991	2.32	2.22	2.08	3.02	11.20	13.50	9.38	5.84	13.40	9.61	6.48	4.96	7.02		May 31	18.00	4.73	2.03	1991
1992	4.09	3.73	3.20	3.20	11.60	38.00	15.20	8.07	7.44	5.14	3.87	3.14	8.87		Jun 16	53.10	6.26	2.09	1992
1993	2.18	1.94	2.25	4.13	15.60	15.30	11.90	7.62	6.72	7.84	3.75	3.90	6.96		May 30	25.50	5.72	1.89	1993
1994	2.18	1.29	1.28	3.46	13.30	18.90	18.00	9.02	9.40	7.85	3.11	3.16	7.62		Jul 02	35.90	6.50	1.14	1994
1995	3.04	2.85	2.78	3.65	12.30	8.49	6.45	6.14	5.59	4.81	3.10	2.97	5.20		May 12	23.50	4.87	2.76	1995
1996	2.60	2.33	2.16	2.09	11.40	20.60	10.90	7.00	7.06	4.79	3.65	2.37	6.41		Jun 03	32.30	6.54	2.05	1996
1997	2.05	2.16	2.18	3.19	16.90	24.20			7.68	7.17	3.45	2.84			Jun 06	105.00	7.42	1.99	1997
1998	2.57	2.46	2.41	2.77	20.80	15.00	8.32	4.18	3.88	4.54	2.42	1.35	5.92		May 27	51.80	3.12	1.25	1998
1999	1.17	1.08	1.03	2.26	13.20	33.90	13.10	7.59	6.97	6.06	3.43	2.19	7.68		Jun 14	52.00	6.60	1.01	1999
2000	1.88	1.82	1.81	2.61	7.95	17.70	12.40	8.63	10.50	6.82	5.19	4.02	6.78		Jun 15	22.30	7.99	1.79	2000
2001	3.30	2.49	2.06	2.21	9.74	31.30	16.50	9.39	9.04	6.07	5.13	4.16	8.46		Jun 03	73.90	7.73	2.02	2001
2002	3.39	2.81	2.42	2.18	15.30	18.30	11.80	9.34	9.61	6.95	5.64	4.58	7.72		Jun 08	34.60	7.43	2.13	2002
2003	3.48	2.90	2.63	3.28	9.24	12.90	12.70	6.11	5.74	5.97	4.82	3.82	6.15		Jul 01	19.70	5.07	2.60	2003
2004	3.03	2.66	2.42	3.05	15.50	22.00	8.18	6.10	6.66	7.19	4.80	4.07	7.14		Jun 10	36.60	5.10	2.37	2004
2005	3.79	3.62	3.18	3.48	33.30	28.90	15.70	8.23	6.67	5.31	5.70	4.21	10.22		May 18	66.60	5.91	2.86	2005
2006	3.08	2.52	2.71	3.11	15.70	32.00	10.60	6.71	6.34	5.13	4.03	3.36	7.95		Jun 03	68.60	5.34	2.46	2006
2007	2.86	2.57	2.41	2.34	15.40	36.10	27.00	18.80	11.50	9.17	5.71	3.92	11.53		Jun 06	87.90	9.82	2.18	2007
2008	3.19	2.90	3.30	3.39	22.50	34.60	22.90	11.70	9.70	7.74	4.54	3.56	10.85		Jun 23	71.40	8.92	2.70	2008
2009	3.25	3.31	2.91	2.82	15.90	26.90	15.00	9.67	12.20	10.70	6.30	4.86	9.51		Jun 12	40.50	7.45	2.47	2009
2010	4.36	4.09	3.58	5.15	15.00	15.00	9.37	5.59	7.06	5.89	4.27	3.44	6.91		May 20	33.20	4.92	3.32	2010
2011	3.27	3.10	2.64	2.40	13.20	16.60	10.50	7.69	8.60	6.44	4.91	4.30	6.99		May 31	25.90	6.71	2.37	2011
Avg.	2.95	2.62	2.46	3.08	15.12	22.63	12.96	7.94	7.93	6.56	4.42	3.54	7.70	7.70		46.07	6.25	2.18	m^3/s
S. D.	0.78	0.72	0.60	0.72	5.23	8.72	4.90	3.00	2.41	1.69	1.10	0.88	1.62			23.49	1.57	0.54	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.94	2.60	2.45	3.11	15.21	22.90	13.08	7.95	7.90	6.57	4.40	3.50	7.73	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	7	8	41	59	35	21	20	18	11	9	243	mm	10-Year	78.1	4.302	1.431	m^3/s







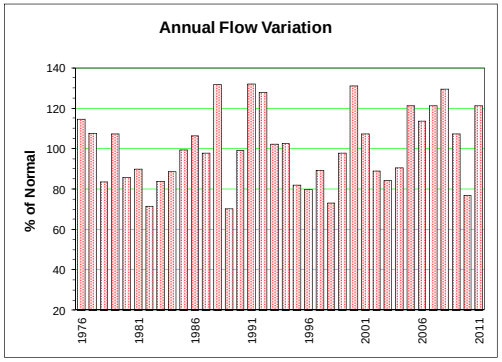


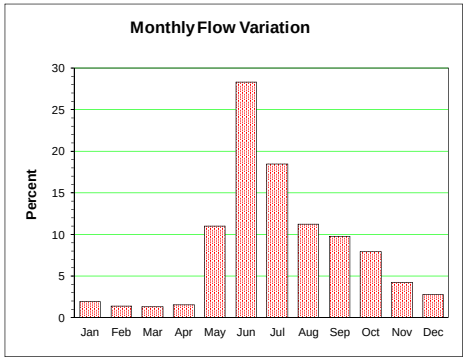
FRANCES RIVER NEAR WATSON LAKE 10AB001

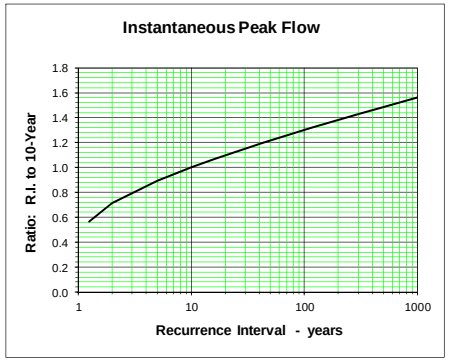
Station Longitude Latitude: -129.118900 60.473888

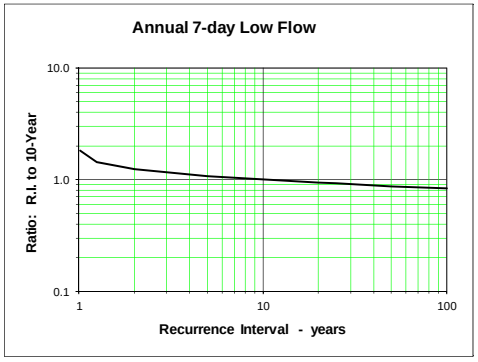
Monthly and Annual Discharge in m^3/s | Drainage Area = 13012.74 km^2 | Median Elevation = 1164 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	27.5	25.1	24.4	28.4	267.0	604.0	595.0	232.0	144.0	110.0	63.7	38.8	180.5		Jul 04	929	131.29	23.49	1976
1977	32.2	27.0	23.1	24.4	231.0	613.0	411.0	240.0	164.0	154.0	72.5	36.4	169.7		Jun 05	671	137.00	20.56	1977
1978	26.9	22.3	20.4	25.9	116.0	383.0	330.0	237.0	139.0	138.0	86.6	51.3	132.0		Jun 11	456	118.29	19.97	1978
1979	30.5	23.4	23.7	23.0	148.0	657.0	497.0	267.0	126.0	112.0	68.7	44.0	169.0		Jun 13	756	108.43	22.06	1979
1980	33.5	31.2	28.5	27.4	166.0	389.0	239.0	217.0	156.0	191.0	97.1	47.7	135.5		Jun 12	497	140.14	26.07	1980
1981	37.4	28.4	26.7	25.0	280.0	467.0	276.0	134.0	157.0	125.0	86.5	54.3	141.9		May 31	734	107.57	24.53	1981
1982	34.0	27.5	24.0	23.6	123.0	449.0	227.0	122.0	114.0	98.8	66.5	45.5	113.1		Jun 15	586	103.43	22.41	1982
1983	30.2	22.7	19.9	20.4	136.0	481.0	252.0	187.0	203.0	124.0	66.1	43.1	132.4		Jun 05	592	160.71	19.50	1983
1984	31.2	19.2	20.5	31.3	148.0	472.0	361.0	215.0	185.0	99.9	53.3	38.1	139.7		Jun 14	636	125.86	18.20	1984
1985	30.3	23.5	20.5	19.6	122.0	583.0	454.0	229.0	176.0	127.0	61.4	28.7	156.8		Jun 08	783	159.57	18.86	1985
1986	23.8	23.6	22.7	21.5	120.0	588.0	465.0	237.0	180.0	155.0	109.0	60.3	167.7		Jul 04	699	152.00	21.31	1986
1987	45.0	29.2	21.1	25.9	164.0	499.0	394.0	194.0	190.0	163.0	77.8	38.6	154.0		Jun 09	601	175.00	20.10	1987
1988	31.1	29.1	28.4	35.0	372.0	656.0	551.0	267.0	187.0	174.0	104.0	53.3	207.9		Jun 16	794	180.14	27.90	1988
1989	37.2	30.8	25.3	30.8	240.0	397.0	193.0	112.0	75.8	83.2	59.0	41.5	110.8		Jun 16	477	70.40	24.01	1989
1990	29.3	24.1	22.8	31.3	208.0	613.0	321.0	153.0	193.0	153.0	74.4	50.2	156.4		Jun 03	778	124.71	22.60	1990
1991	37.6	30.9	26.9	37.3	298.0	540.0	458.0	384.0	267.0	211.0	115.0	76.5	207.9		Aug 01	591	238.57	25.90	1991
1992	53.8	42.2	30.7	28.0	140.0	920.0	560.0	250.0	167.0	120.0	63.5	45.1	201.5		Jun 18	1200	160.86	25.44	1992
1993	34.8	28.4	24.8	34.2	260.0	588.0	338.0	186.0	149.0	143.0	87.5	57.2	161.4		Jun 07	774	142.71	24.11	1993
1994	42.5	27.1	21.9	30.3	257.0	585.0	298.0	148.0	156.0	215.0	104.0	52.4	161.9		Jun 12	701	122.00	21.59	1994
1995	36.0	27.8	22.7	29.4	241.0	377.0	222.0	191.0	180.0	120.0	52.0	43.8	129.0		Jun 12	430	146.43	21.53	1995
1996	35.8	28.9	23.9	22.9	117.0	359.0	281.0	208.0	230.0	115.0	45.4	38.5	125.6		Jun 09	400	188.57	20.50	1996
1997	25.4	21.3	18.7	22.0	179.0	383.0	347.0	291.0	174.0	105.0	66.9	45.3	140.6		Jun 18	453	150.14	17.04	1997
1998	32.5	25.2	21.5	29.2	282.0	423.0	179.0	108.0	94.1	92.3	55.8	36.7	115.3		Jun 01	740	88.10	21.10	1998
1999	26.1	21.2	18.7	23.8	136.0	552.0	356.0	238.0	185.0	148.0	87.3	51.5	154.1		Jun 17	820	175.43	18.33	1999
2000	31.2	26.0	24.1	22.9	117.0	468.0	495.0	432.0	373.0	275.0	126.0	83.7	206.7		Jun 14	559	206.00	21.43	2000
2001	53.4	34.9	27.0	28.3	103.0	675.0	366.0	185.0	199.0	183.0	103.0	67.9	169.0		Jun 16	919	145.00	26.10	2001
2002	43.9	29.5	22.1	19.4	159.0	409.0	251.0	224.0	244.0	124.0	92.1	62.0	140.3		Jun 12	504	164.86	18.81	2002
2003	27.8	21.1	19.4	28.2	131.0	446.0	345.0	148.0	153.0	156.0	71.6	40.8	132.8		Jun 21	547	123.57	19.01	2003
2004	36.4	32.2	25.0	34.3	216.0	598.0	227.0	130.0	147.0	142.0	76.2	52.4	142.9		Jun 10	756	119.43	23.60	2004
2005	40.5	32.9	29.4	53.3	457.0	616.0	312.0	214.0	201.0	170.0	101.0	60.3	191.3		Jun 03	837	174.71	27.34	2005
2006	42.4	33.5	27.7	29.5	221.0	709.0	298.0	223.0	243.0	173.0	91.6	57.0	179.3		Jun 17	1020	195.00	25.20	2006
2007	41.5	33.4	27.4	32.1	221.0	638.0	450.0	319.0	199.0	169.0	97.7	58.0	191.2		Jun 09	992	185.00	22.91	2007
2008	43.7	35.1	30.8	35.3	273.0	699.0	446.0	222.0	283.0	205.0	102.0	72.8	204.1		Jun 24	850	186.00	27.31	2008
2009	47.5	35.2	32.3	36.8	246.0	703.0	297.0	169.0	184.0	150.0	80.5	44.6	169.0		Jun 11	932	137.86	32.04	2009
2010	33.4	28.2	23.9	35.5	182.0	384.0	269.0	136.0	119.0	112.0	76.4	54.2	121.5		Jun 12	442	107.57	21.67	2010
2011	33.2	25.7	24.9	28.0	182.0	570.0	466.0	369.0	302.0	170.0	69.7	46.7	191.4		Jun 22	755	242.00	24.60	2011
Avg.	35.54	27.99	24.33	28.73	201.6	541.5	356.31	217.17	184.41	147.39	80.88	50.53	158.45	159.93		700	149.84	22.70	m^3/s
S. D.	7.43	4.97	3.54	6.56	78.98	126.22	109.59	74.54	58.41	40.31	19.58	11.94	29.04			189.79	38.54	3.27	m^3/s
Normal	36.52	28.44	24.36	29.24	204.97	542.57	342.97	208.53	186.93	147.71	81.78	51.81	157.54	m^3/s					
Normal	8	5	5	6	42	108	71	43	37	30	16	11	382	mm	10-Year	972.80	106.12	17.64	m^3/s









BLUE RIVER NEAR THE MOUTH 10AC004

Station Longitude Latitude: -129.127780 59.758331

Monthly and Annual Discharge in m^3/s | Drainage Area = 1654.58 km^2 | Median Elevation = 1260 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Instantaneous Peak Flow Date	Annual	7-Day Low Flow Jun-Sep	Annual	Year
1976	5.11	4.08	3.58	4.06	17.40	73.30	71.70	37.40	26.10	17.40	11.00	7.09	23.23		Jul 01	155.00	23.10	3.47	1976
1977	6.30	5.45	4.30	6.24	18.80	67.10	53.50	29.70	22.80	14.10	7.34	6.55	20.24		Jul 18	113.00	19.31	4.18	1977
1978	5.07	3.86	2.63	2.64	13.30	34.40	19.00	15.80	18.40	17.20	10.70	7.10	12.54		Jun 08	64.80	12.84	2.31	1978
1979	4.83	3.75	3.86	4.87	19.00	60.70	61.40	20.50	20.80	16.60	8.81	6.34	19.37		Jul 03	123.00	14.40	3.51	1979
1980	5.00	4.74	4.44	4.68	23.00	54.00	30.40	21.10	16.50	27.10	11.00	6.16	17.37		Jun 08	103.00	14.37	4.32	1980
1981	5.12	4.26	4.12	3.65	42.00	57.40	33.00	20.70	27.90	20.00	12.90	7.35	19.93		May 27	164.00	12.84	3.44	1981
1982	5.23	5.09	4.68	4.21	14.70	57.40	29.20	14.10	16.80	12.90	8.90	6.00	14.94		Jun 10	91.00	11.87	4.09	1982
1983	3.97	3.54	3.24	4.57	18.90	48.30	29.50	23.20	23.10	14.70	6.68	3.98	15.34		Jun 01	115.00	18.19	3.06	1983
1984	2.97	2.95	2.67	3.39	16.10	50.10	31.10	21.40	18.70	12.20	6.58	4.72	14.41		Jun 11	79.00	15.81	2.60	1984
1985	3.96	3.78	4.14	4.36	16.00	57.60	65.70	22.00	20.30	14.10	6.88	5.38	18.77		Jul 12	131.00	16.19	3.58	1985
1986	4.55	2.60	3.32	4.56	10.10	63.60	61.40	20.00	19.90	23.90	9.95	6.14	19.25		Jul 03	109.00	14.10	2.29	1986
1987	4.41	2.73	2.44	2.99	26.20	78.50	59.80	24.80	25.30	22.80	10.10	9.80	22.58		Jun 22	259.00	20.11	2.36	1987
1988	7.59	5.20	4.39	5.35	24.70	67.80	63.80	28.40	20.50	14.30	7.91	9.79	21.69		Jul 13	165.00	14.94	4.25	1988
1989	6.22	4.75	4.22	4.76	34.10	56.40	30.70	18.20	13.20	13.80	8.90	6.96	16.91		Jun 05	114.00	11.24	4.07	1989
1990	5.40	4.99	4.75	5.83	31.10	78.30	36.50	16.70	12.20	9.49	7.35	6.49	18.28		Jun 01	201.00	11.33	4.47	1990
1991	5.40	4.90	4.33	5.78	23.50	54.90	33.40	19.90	33.70	22.50	14.90	12.80	19.71		Jun 25	80.10	17.67	4.07	1991
1992	8.35	6.48	5.31	5.41	18.70	88.80	53.90	22.10	14.10	11.30	7.31	6.05	20.64		Jun 15	161.00	13.23	4.63	1992
1993	4.77	4.08	3.81	5.61	35.20	54.20	32.20	16.80	13.80	18.60	9.13	6.74	17.15		Jun 06	90.70	11.81	3.75	1993
1994	4.87	3.54	2.30	1.67	21.90	63.30	58.70	23.60	29.30	20.20	8.05	7.54	20.50		Jul 02	117.00	14.03	1.42	1994
1995	5.77	4.93	4.34	7.31	27.00	33.20	21.20	20.00	18.40	11.80	6.31	6.68	13.96		Jun 13	64.00	15.74	4.20	1995
1996																			1996
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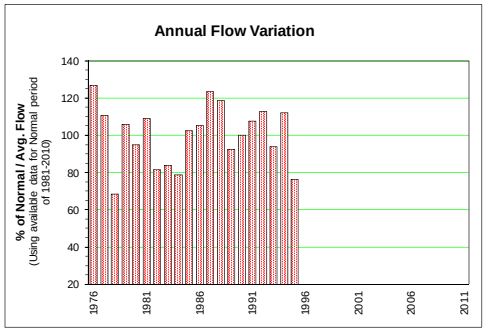
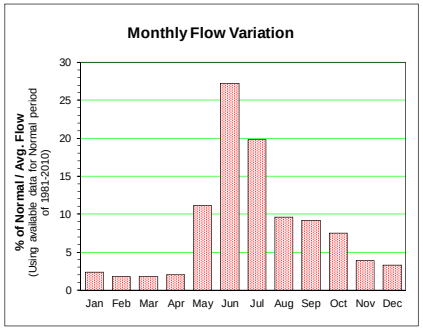
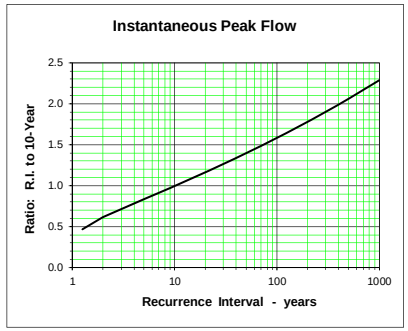
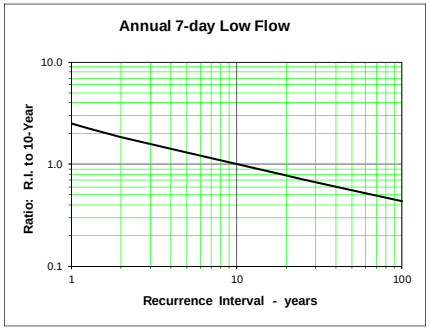
Avg.	5.24	4.29	3.84	4.60	22.59	59.97	43.81	21.82	20.59	16.75	9.04	6.98	18.34	18.23		124.98	15.16	3.50	m^3/s
S. D.	1.21	0.98	0.83	1.32	8.12	13.68	16.89	5.31	5.73	4.76	2.25	1.93	2.96			48.16	3.18	0.89	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5.24	4.25	3.87	4.63	24.01	60.65	42.67	20.79	20.48	16.17	8.79	7.09	18.27	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	7	39	95	69	34	32	26	14	11	348	mm	10-Year	196.3	11.800	1.855	m^3/s









DEASE RIVER NEAR THE MOUTH 10AC006

Station Longitude Latitude: -128.597713 59.858657

Monthly and Annual Discharge in m^3/s | Drainage Area = 14558.72 km^2 | Median Elevation = 1254 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984	37.60	32.00	29.30	38.00	208.00	511.00	315.00	205.00	201.00	156.00	86.90	57.60	156.55		Jun 26	716.00	182.86	28.83	1984
1985	43.00	35.60	35.20	41.60	178.00	737.00	582.00	205.00	212.00	163.00	70.90	45.80	196.31		Jun 06	1160.00	145.29	33.29	1985
1986	44.20	34.60	34.40	32.30	132.00	600.00	442.00	188.00	181.00	434.00	186.00	109.00	202.30		Jun 09	868.00	146.00	31.01	1986
1987	67.90	53.10	50.10	51.80	286.00	663.00	455.00	181.00	212.00	247.00	99.30	64.80	203.22		Jun 23	1130.00	123.29	46.96	1987
1988	53.60	45.90	40.40	46.70	330.00	585.00	476.00	266.00	175.00	145.00	85.60	67.80	193.56		Jul 14	907.00	142.71	37.46	1988
1989	47.70	42.70	38.40	56.90	447.00	554.00	266.00	173.00	111.00	127.00	90.20	66.80	169.05		Jun 06	892.00	97.07	35.43	1989
1990	47.10	41.50	47.50	53.00	348.00	827.00	324.00	142.00	110.00	87.50	57.50	52.20	178.31		Jun 03	1440.00	103.43	38.93	1990
1991	44.60	40.60	34.50	50.50	327.00	520.00	293.00	178.00	333.00	275.00	133.00	87.70	193.60		Jun 08	634.00	130.14	33.40	1991
1992	62.10	44.70	39.70	43.30	201.00	899.00	371.00	157.00	137.00	130.00	58.30	39.90	181.55		Jun 17	1380.00	104.00	33.50	1992
1993	39.00	33.80	29.80	51.00	381.00	487.00	267.00	146.00	106.00	140.00	85.00	39.90	151.07		Jun 03	733.00	97.16	28.99	1993
1994	31.00	25.20	22.30	37.80	321.00	598.00	419.00	185.00	328.00	234.00	88.70	64.30	196.86		Jun 14	860.00	155.29	21.79	1994
1995	49.60	44.70	42.40	94.60	254.00	273.00	180.00	177.00	168.00	121.00	52.80	56.40	126.56		Jun 14	408.00	138.00	39.70	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
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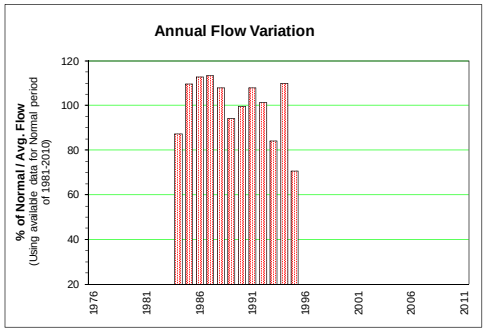
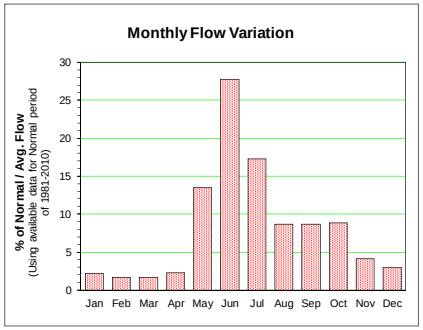
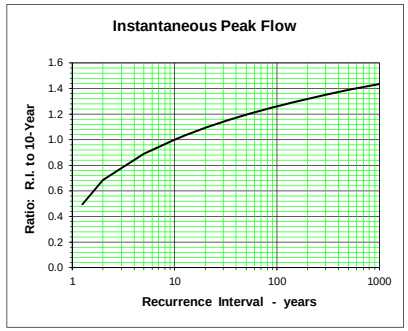
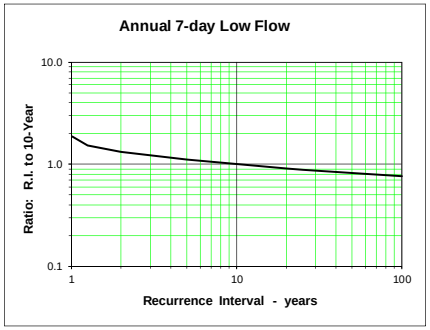
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	47.28	39.53	37.00	49.79	284.42	604.50	365.83	183.58	189.50	188.29	91.18	62.68	179.08	179.00		927.33	130.44	34.11	m^3/s
S. D.	10.24	7.56	7.84	15.90	92.10	165.09	112.56	32.71	76.20	95.90	36.93	19.82	23.96			303.14	26.52	6.39	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	47.28	39.53	37.00	49.79	284.42	604.50	365.83	183.58	189.50	188.29	91.18	62.68	179.08	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9	7	7	9	52	108	67	34	34	35	16	12	388	mm	10-Year	1338.0	98.475	25.908	m^3/s









HYLAND RIVER NEAR LOWER POST 10AD001

Station Longitude Latitude: -128.150830 59.950829

Monthly and Annual Discharge in m^3/s | Drainage Area = 9342.75 km^2 | Median Elevation = 1196 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	23.80	20.30	19.60	26.00	255.00	560.00	478.00	180.00	111.00	72.60	42.60	29.70	151.90		Jun 11	991.00	102.17	19.09	1976
1977	26.00	23.20	21.30	24.20	254.00	545.00	291.00	181.00	132.00	86.40	44.40	27.80	138.44		Jun 04	665.00	108.57	19.90	1977
1978	23.50	19.50	16.90	19.40	112.00	328.00	293.00	164.00	102.00	130.00	66.30	41.10	110.17		Jul 03	600.00	95.70	16.47	1978
1979	25.70	21.10	20.10	19.60	162.00	577.00	439.00	184.00	115.00	99.50	61.10	32.50	146.90		Jul 04	748.00	89.74	17.70	1979
1980	21.70	20.00	17.90	28.30	197.00	382.00	220.00	169.00	128.00	159.00	64.20	28.70	119.86		Jun 11	601.00	113.86	17.54	1980
1981	27.70	25.50	22.70	21.30	317.00	406.00	215.00	107.00	132.00	77.10	49.20	32.00	119.79		May 28	785.00	90.77	19.30	1981
1982	21.90	13.60	8.96	16.80	133.00	409.00	188.00	117.00	93.80	71.50	46.50	31.60	96.15		Jun 12	611.00	82.07	8.17	1982
1983																			1983
1984	16.70	13.30	10.90	26.40	163.00	479.00	271.00	172.00	114.00	68.10	42.70	30.60	117.35		Jun 10	827.00	83.00	10.59	1984
1985	22.00	18.80	17.40	16.30	119.00	494.00	365.00	153.00	106.00	64.60	24.20	23.30	119.00		Jun 06	860.00	99.56	15.33	1985
1986	23.30	19.10	16.00	18.20	133.00	529.00	455.00	179.00	107.00	105.00	50.70	34.70	139.75		Jul 03	906.00	86.36	15.03	1986
1987	24.80	21.00	18.20	21.00	163.00	487.00	329.00	168.00	142.00	112.00	47.50	46.00	132.07		Jun 01	791.00	112.00	17.71	1987
1988	34.90	24.50	20.50	23.00	357.00	611.00	506.00	198.00	166.00	129.00	61.80	44.90	181.87		Jun 11	867.00	134.57	20.00	1988
1989	34.50	26.60	22.30	29.30	232.00	400.00	178.00	105.00	70.00	66.00	36.10	32.20	102.95		Jun 16	672.00	62.83	20.84	1989
1990	26.60	22.40	20.70	28.40	205.00	563.00	251.00	138.00	151.00	98.10	47.10	45.00	133.23		Jun 02	1040.00	116.14	20.49	1990
1991	37.70	30.90	24.60	42.80	294.00	509.00	344.00	195.00	172.00	120.00	63.20	43.60	156.99		Jun 08	740.00	138.14	22.27	1991
1992	35.90	32.60	27.60	25.80	135.00	786.00	452.00	199.00	125.00	79.50	36.60	32.60	163.82		Jun 18	1190.00	116.14	20.66	1992
1993	20.90	16.30	13.80	22.10	267.00	468.00	247.00	129.00	98.10	77.90	17.30	19.70	116.86		May 31	783.00	89.26	10.06	1993
1994																			1994
1995																			1995
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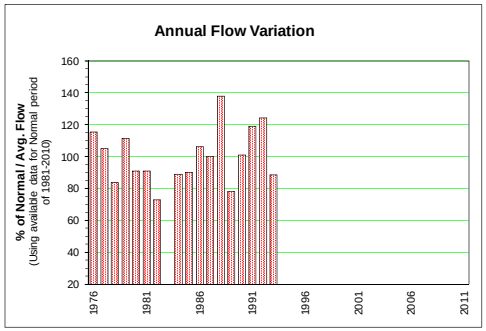
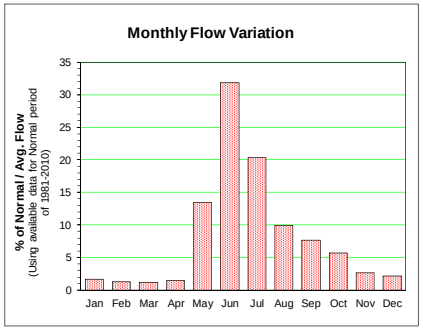
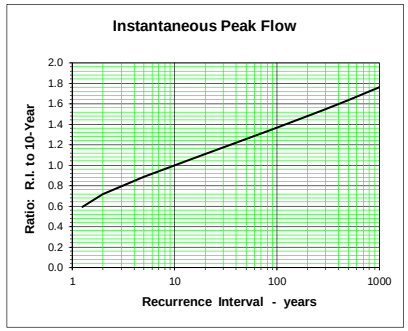
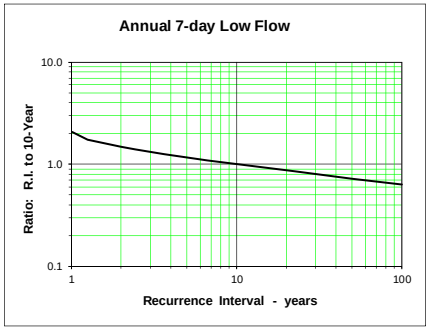
2011																			2011
Avg.	26.33	21.69	18.79	24.05	205.76	501.94	324.82	161.06	121.46	95.08	47.15	33.88	132.18	136.57		804.53	101.23	17.13	m^3/s
S. D.	5.98	5.26	4.69	6.32	74.91	106.89	107.33	31.06	26.34	27.38	13.79	7.74	22.86			162.54	19.47	4.11	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	27.24	22.05	18.64	24.28	209.83	511.75	316.75	155.00	123.08	89.07	43.58	34.68	131.65	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	5	7	60	142	91	44	34	26	12	10	445	mm	10-Year	1110.9	80.093	11.893	m^3/s









TURNAGAIN RIVER ABOVE SANDPILE CREEK 10BA001

Station Longitude Latitude: -127.846616 59.064847

Monthly and Annual Discharge in m^3/s | Drainage Area = 6629.11 km^2 | Median Elevation = 1435 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	17.80	14.10	12.70	16.20	93.10	289.00	254.00	135.00	114.00	69.40	39.30	21.80	89.84		Jun 29	484.00	93.11	12.40	1976
1977	20.10	17.90	14.70	21.80	119.00	345.00	239.00	122.00	88.30	61.50	29.40	17.40	91.62		Jun 16	504.00	80.67	13.94	1977
1978	12.90	11.50	10.60	13.50	54.70	192.00	84.10	76.10	80.30	82.40	37.30	23.00	56.64		Jun 05	317.00	58.86	10.39	1978
1979	15.00	11.00	10.50	16.40	97.90	407.00	309.00	91.20	75.40	70.20	32.30	16.10	96.30		Jun 03	555.00	58.04	9.94	1979
1980	12.80	12.80	11.60	16.40	134.00	265.00	218.00	159.00	117.00	131.00	55.30	30.30	97.21		Jul 24	513.00	103.23	11.11	1980
1981	24.60	19.30	18.20	17.60	232.00	349.00	197.00	85.00	96.40	83.90	57.00	20.20	100.35		May 27	681.00	59.73	14.89	1981
1982	13.20	12.40	7.29	5.85	37.20	420.00	179.00	105.00	110.00	77.30	33.30	20.10	85.02		Jun 12	632.00	73.16	5.50	1982
1983	16.80	15.40	14.90	21.50	109.00	275.00	143.00	112.00	110.00	68.70	34.00	16.60	78.24		Jun 01	610.00	84.59	13.76	1983
1984	12.40	12.10	11.50	18.70	45.10	295.00	194.00	169.00	134.00	69.40	24.00	17.70	83.59		Jun 25	499.00	71.29	10.71	1984
1985	15.00	11.80	12.70	14.30					123.00	82.70	27.50	20.00						10.73	1985
1986	18.80	12.90	13.50	16.30	50.60	282.00	246.00	98.50	80.60	194.00	68.60	45.60	94.42		Jun 08	499.00	65.67	11.36	1986
1987	27.70	19.90	15.10	17.50	101.00	320.00	239.00	122.00	118.00	127.00	37.50	25.50	97.87		Jun 22	576.00	80.97	13.79	1987
1988	20.00	16.60	15.90	20.20	154.00	330.00	249.00	129.00	84.90	75.70	40.90	29.90	97.38		Jun 11	627.00	73.07	15.90	1988
1989	20.30	16.60	15.50	25.10	217.00	299.00	140.00	85.70	61.40	56.10	35.10	24.70	83.35		Jun 05	497.00	50.26	14.77	1989
1990	20.10	18.30	17.50	19.70	175.00	396.00	180.00	83.60	68.50	44.40	27.40	21.90	89.53		Jun 02	821.00	62.16	17.39	1990
1991	18.00	15.80	14.70	21.30	174.00	267.00	159.00	94.30	164.00	110.00	50.10	30.60	93.52		Jun 22	326.00	64.93	14.59	1991
1992	22.70	18.50	17.00	24.70	88.80	420.00	173.00	72.10	62.40	71.80	32.40	23.30	85.39		Jun 16	704.00	46.11	16.79	1992
1993	17.10	14.10	12.20	20.70	245.00	278.00	151.00	79.10	48.20	54.50	25.40	16.30	80.53		May 21	479.00	43.76	11.89	1993
1994																			1994
1995																			1995
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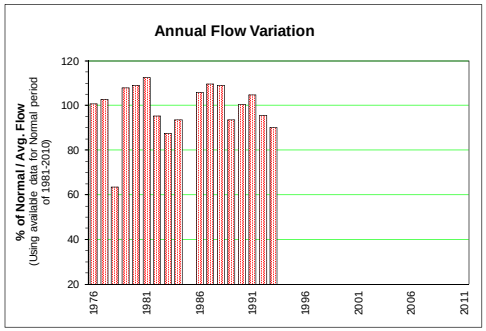
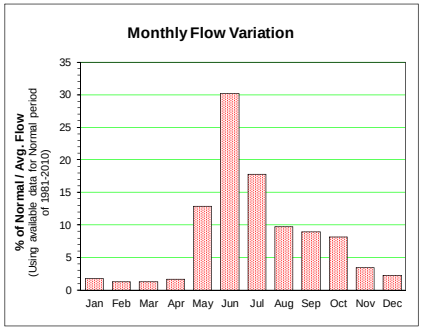
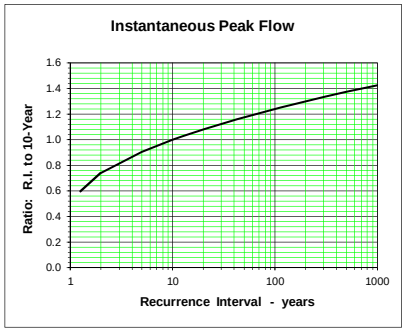
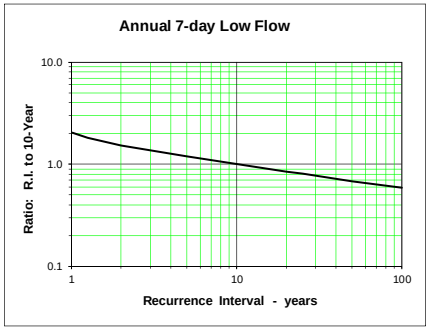
2011																			2011
Avg.	18.07	15.06	13.67	18.21	125.14	319.35	197.30	106.98	96.47	85.00	38.16	23.39	88.28	87.62		548.47	68.80	12.77	m^3/s
S. D.	4.24	2.91	2.80	4.48	65.50	63.43	55.08	28.74	29.60	35.69	12.16	7.26	10.52			126.64	16.22	2.90	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	18.98	15.67	14.31	18.73	135.73	327.58	187.50	102.94	97.03	85.81	37.94	24.03	89.10	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	7	55	128	76	42	38	35	15	10	424	mm	10-Year	745.0	51.543	8.214	m^3/s









KECHIKA RIVER AT THE MOUTH 10BB001

Station Longitude Latitude: -127.308424 59.614046

Monthly and Annual Discharge in m^3/s | Drainage Area = 22937.99 km^2 | Median Elevation = 1320 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	57.30	50.10	46.20	56.70	257.00	626.00	693.00	428.00	312.00	193.00	116.00	72.10	242.95		Jul 02	1150.00	255.86	45.17	1976
1977	68.50	56.20	48.00	78.60	310.00	870.00	682.00	406.00	237.00	170.00	93.30	55.50	257.21		Jun 17	1220.00	221.29	46.03	1977
1978	48.90	42.60	39.30	60.20	157.00	528.00	292.00	298.00	271.00	231.00	117.00	75.60	180.48		Jun 06	756.00	197.43	38.21	1978
1979	54.00	37.70	42.60	53.30	251.00	902.00	867.00	342.00	254.00	209.00	115.00	62.90	267.04		Jul 04	1360.00	232.86	35.76	1979
1980	51.10	52.10	49.00	51.50	300.00	648.00	656.00	422.00	349.00	370.00	164.00	89.30	267.61		Jul 25	1160.00	321.86	48.01	1980
1981	69.00	58.30	60.40	60.60	573.00	905.00	586.00	309.00	299.00	210.00	136.00	59.40	278.14		May 28	1530.00	218.29	48.46	1981
1982	44.10	45.90	49.00	53.30	160.00	965.00	510.00	325.00	314.00	206.00	118.00	72.40	238.78		Jun 15	1360.00	223.86	40.40	1982
1983	59.50	57.30	53.40	60.80	232.00	734.00	425.00	328.00	265.00	177.00	107.00	57.20	213.43		Jun 02	1340.00	230.29	49.00	1983
1984	44.20	42.90	47.90	66.60	176.00	736.00	605.00	530.00	351.00	199.00	134.00	110.00	253.95		Jun 26	1250.00	248.14	40.14	1984
1985	58.20	42.30	46.90	63.90	298.00	672.00	842.00	330.00	396.00	267.00	105.00	66.80	267.03		Jul 13	1370.00	253.71	38.00	1985
1986																			1986
1987																			1987
1988																			1988
1989																			1989
1990																			1990
1991	50.80	49.00	49.80	91.60	400.00	618.00	475.00	293.00	366.00	269.00	100.00	78.40	237.63		Jun 30	801.00	260.57	45.80	1991
1992	61.00	56.00	76.60	97.50	221.00	986.00	493.00	257.00	189.00	226.00	107.00	61.80	235.79		Jun 17	1692.98	152.29	48.50	1992
1993	49.70	51.00	50.50	80.00	468.00	721.00	482.00	295.00	179.00	174.00	108.00	64.10	227.81		May 31	1150.00	160.00	46.93	1993
1994	42.90	34.90	36.10	84.60	364.00	681.00	767.00	414.00	382.00	247.00	93.10	66.80	269.23		Jul 11	1360.00	254.43	33.97	1994
1995	56.00	49.80	54.30															46.04	1995
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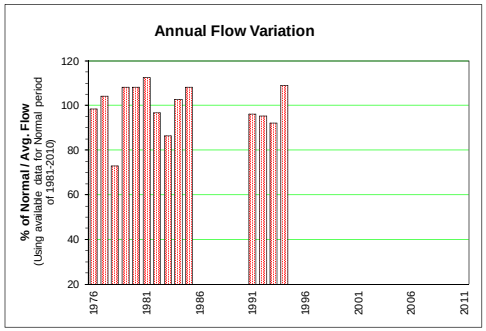
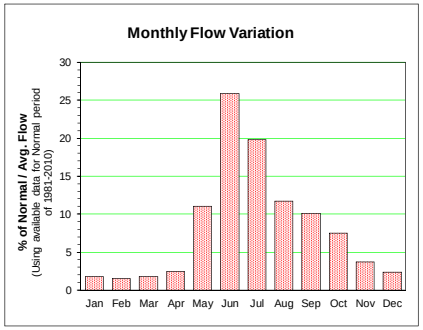
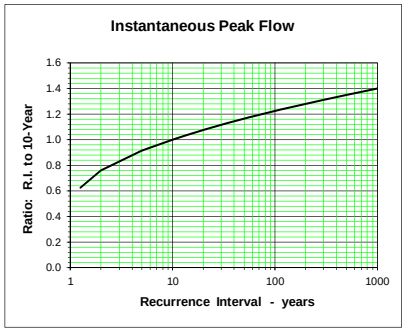
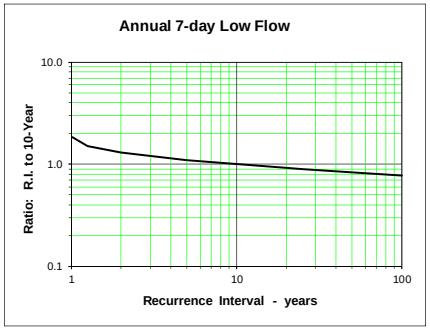
Avg.	54.35	48.41	50.00	68.51	297.64	756.57	598.21	355.50	297.43	224.86	115.24	70.88	245.51	245.48		1250.00	230.78	43.36	m^3/s
S. D.	8.13	7.20	9.42	15.12	120.07	143.44	164.32	74.09	68.31	52.42	18.95	14.50	26.36			249.32	42.77	5.09	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	53.54	48.74	52.49	73.21	321.33	779.78	576.11	342.33	304.56	219.44	112.01	70.77	246.87	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	5	6	8	38	88	67	40	34	26	13	8	340	mm	10-Year	1646.0	174.682	33.267	m^3/s









KECHIKA RIVER ABOVE BOYA CREEK 10BB002

Station Longitude Latitude: -127.534614 59.097497

Monthly and Annual Discharge in m^3/s | Drainage Area = 11276.41 km^2 | Median Elevation = 1433 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	30.50	25.60	23.90	33.70	146.00	311.00	384.00	264.00	163.00	103.00	62.00	37.10	132.45		Jul 02	634.00	133.29	23.53	1976
1977	34.40	29.00	25.40	46.10	167.00	436.00	372.00	255.00	129.00	95.10	56.00	33.00	140.45		Jun 21	646.00	117.43	23.81	1977
1978	24.90	21.90	21.30	35.20	81.60	315.00	188.00	198.00	161.00	125.00	66.40	44.10	107.15		Jun 09	433.00	111.96	20.33	1978
1979	33.10	25.20	29.30	32.90	117.00	426.00	472.00	217.00	152.00	120.00	75.80	36.90	145.45		Jul 04	719.00	140.43	23.51	1979
1980	28.90	29.70	26.90	27.10	153.00	352.00	403.00	229.00	198.00	205.00	92.10	52.00	150.19		Jul 17	686.00	168.57	25.70	1980
1981	42.20	36.30	35.20						166.00	104.00	72.70	36.60							1981
1982	26.70	28.10	28.50	29.50	99.00	489.00	300.00	196.00	183.00	115.00	65.30	38.60	133.45		Jun 15	732.00	130.29	25.17	1982
1983	31.10	28.90	27.00	31.60	123.00	418.00	272.00	202.00	140.00	95.70	56.40	31.50	121.75		Jun 02	690.00	118.43	24.44	1983
1984	24.40	24.60	29.10	44.40	96.00	422.00	381.00	341.00	199.00	111.00	55.40	37.90	147.46		Jun 25	685.00	143.14	22.76	1984
1985	32.20	23.60	25.50	34.90	142.00	353.00	467.00	217.00	252.00	161.00	63.70	43.30	152.05		Jul 12	655.46	161.14	21.06	1985
1986	36.50	25.10	30.20	36.30	86.20	369.00	464.00	203.00	112.00	192.00	86.80	61.30	142.73		Jul 15	698.00	96.79	22.96	1986
1987	41.30	32.10	32.20	36.30	165.00	472.00	468.00	276.00	241.00	188.00	61.40	37.10	171.66		Jul 04	763.00	176.29	28.50	1987
1988	34.90	31.40	32.00	46.00	225.00	542.00	451.00	288.00	156.00	114.00	74.30	45.50	170.39		Jun 13	864.00	116.29	30.20	1988
1989	32.70	29.20	26.80	45.40	217.00	436.00	297.00	249.00	141.00	103.00	63.30	37.80	140.41		Jun 06	612.00	110.29	25.49	1989
1990	30.50	27.30	27.70	32.60	198.00	624.00	332.00	188.00	119.00	77.10	50.10	36.30	145.52		Jun 03	1030.00	104.33	26.99	1990
1991	30.40	27.10	25.60	46.60	219.00	359.00	308.00	184.00	196.00	140.00	72.70	48.20	138.63		Jun 30	509.00	172.29	25.29	1991
1992	38.00	32.70	30.90	54.80	126.00	545.00	310.00	167.00	112.00	130.00	56.90	40.30	136.93		Jun 17	840.00	89.29	29.70	1992
1993	27.40	23.40	22.80	51.70	300.00	448.00	320.00	208.00	126.00	104.00	52.50	31.10	143.60		May 31	597.00	107.43	22.59	1993
1994	24.10	20.20	18.10	37.80	202.00	418.00	454.00	262.00	216.00	125.00	53.20	44.90	157.12		Jul 11	679.00	169.29	17.79	1994
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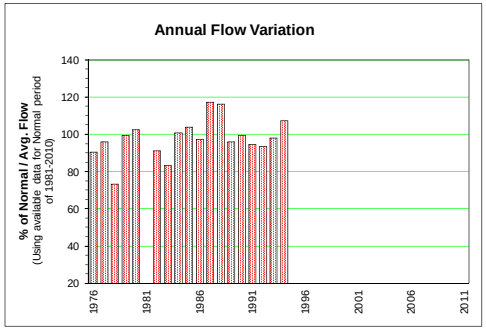
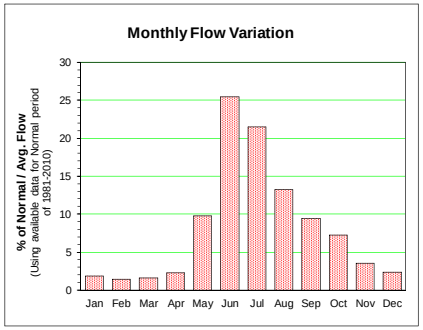
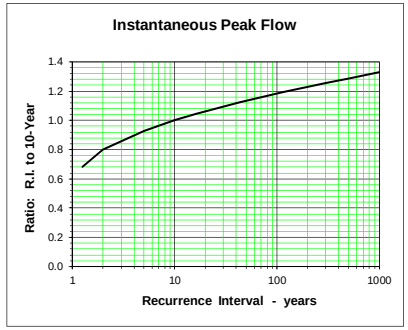
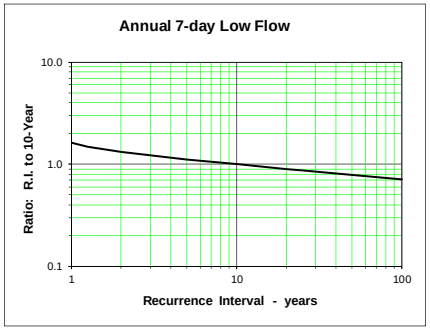
Avg.	31.80	27.44	27.28	39.05	159.04	429.72	369.06	230.22	166.42	126.73	65.11	40.71	143.19	141.12		692.91	131.50	24.43	m^3/s
S. D.	5.27	4.03	4.09	7.96	58.50	83.16	83.18	44.28	41.81	35.50	11.52	7.46	15.23			132.00	27.98	3.17	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	32.31	27.86	27.97	40.61	169.09	453.46	371.08	229.31	168.50	125.70	63.19	40.74	146.28	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	7	9	40	104	88	54	39	30	15	10	409	mm	10-Year	840.7	100.122	18.480	m^3/s









COAL RIVER AT THE MOUTH 10BC001

Station Longitude Latitude: -126.951584 59.690637

Monthly and Annual Discharge in m^3/s | Drainage Area = 8973.29 km^2 | Median Elevation = 1019 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	22.80	22.10	22.20	26.70	314.00	376.00	306.00	165.00	128.00	77.60	56.80	34.80	129.73		Jun 10	1200.00	101.73	21.74	1976
1977	30.50	27.60	26.70	40.40	280.00	305.00	199.00	147.00	106.00	69.80	33.90	26.00	108.17		May 26	776.00	95.66	25.07	1977
1978	23.70	20.70	19.60	28.40	122.00	145.00	156.00	92.50	67.50	72.50	27.20	20.80	66.69		Jul 02	663.00	60.31	18.94	1978
1979	22.10	21.80	23.70	30.00	244.00	317.00	259.00	111.00	114.00	68.00	42.20	30.40	107.43		May 27	824.00	71.81	18.91	1979
1980	23.10	22.60	21.60	32.00	197.00	193.00	114.00	91.10	92.90	111.00	39.20	26.10	80.52		Jun 18	475.00	76.74	20.66	1980
1981	22.70	21.70	22.60	25.00	251.00	239.00	108.00	59.90	82.80	74.00	62.90	38.40	84.31		May 27	580.00	49.76	20.14	1981
1982	25.00	24.90	23.10	26.80	198.00	266.00	93.90	89.00	61.80	49.90	36.90	29.80	77.29		May 19	729.00	51.29	22.56	1982
1983	22.30	19.60	19.60	46.70	164.00	215.00	106.00	80.80	55.50	40.80	27.20	20.50	68.37		Jun 01	581.00	50.94	19.03	1983
1984	16.40	13.60	13.70	23.50	168.00	336.00	125.00	78.50	79.50	52.40	31.70	27.00	80.40		Jun 09	941.00	63.80	13.06	1984
1985	22.00	19.10	19.50	21.30	213.00	292.00	152.00	75.00	60.70	41.70	19.90	19.80	79.96		Jun 05	602.00	55.70	18.19	1985
1986	23.60	19.00	17.80	20.10	215.00	318.00	262.00	106.00	71.00	77.80	19.80	20.40	98.08		May 31	890.00	61.50	16.86	1986
1987	21.40	23.10	22.10	26.60	212.00	300.00	165.00	113.00	88.30	80.60	27.00	24.60	92.34		May 31	706.00	78.44	20.47	1987
1988	23.10	21.40	22.20	25.70	280.00	373.00	355.00	128.00	96.00	76.10	39.00	29.10	122.81		Jul 02	808.00	90.59	20.40	1988
1989	25.30	24.10	24.80	38.40	162.00	221.00	110.00	75.90	54.20	45.20	30.30	27.70	70.11		Jun 16	378.34	49.11	22.81	1989
1990	23.30	22.60	23.70	29.90	208.00	303.00	145.00	89.70	68.10	49.50	31.20	27.10	85.35		Jun 01	953.00	62.00	22.14	1990
1991	23.50	24.10	25.00	46.00	287.00	230.00	187.00	101.00	113.00	83.20	44.50	34.90	100.46		May 15	591.00	78.49	21.31	1991
1992	34.20	30.90	30.90	43.60	167.00	510.00	204.00	134.00	104.00	85.50	63.30	35.10	120.04		Jun 02	1000.00	81.87	22.24	1992
1993	22.60	29.70	30.30	43.60	247.00	225.00	152.00	84.00	63.20	62.30	37.20	33.70	86.28		May 30	522.00	60.20	19.86	1993
1994	26.00	22.40	23.60	41.00	248.00	256.00	125.00	88.50	97.70	83.50	41.70	37.30	91.26		Jun 11	614.00	71.34	21.60	1994
1995	30.20	26.50	29.10															24.76	1995
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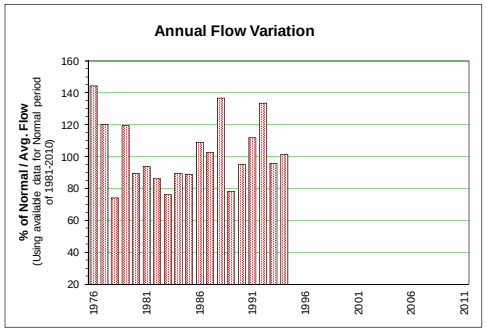
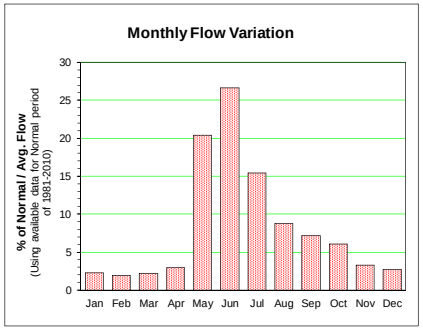
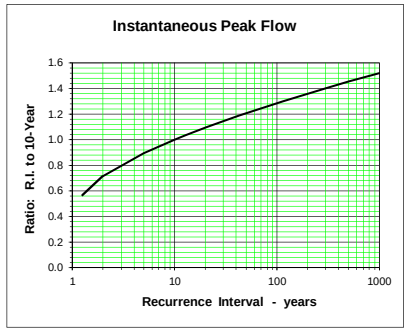
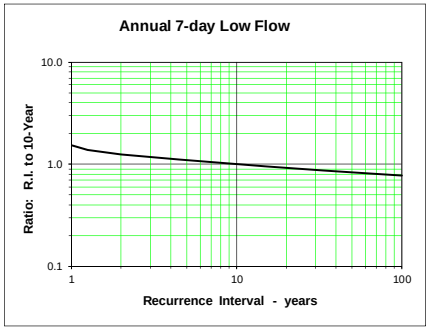
Avg.	24.19	22.88	23.09	32.41	219.84	285.26	174.94	100.52	84.43	68.49	37.47	28.61	92.08	97.77		728.07	69.02	20.54	m^3/s
S. D.	3.79	3.91	4.16	8.80	50.82	81.43	73.39	26.97	22.20	18.24	12.61	5.91	18.57			205.68	15.87	2.71	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	24.11	22.85	23.20	32.73	215.71	291.71	163.56	93.09	78.27	64.46	36.61	28.96	89.79	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7	6	7	9	64	84	49	28	23	19	11	9	316	mm	10-Year	1052.4	52.831	16.343	m^3/s









BEAVER RIVER BELOW WHITEFISH RIVER 10BD001

Station Longitude Latitude:

Monthly and Annual Discharge in m^3/s | Drainage Area = 7280.00 km^2 | Median Elevation = m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977									68.50	43.90	26.40	17.00							1977
1978	14.80	13.90	13.40	42.30	144.00	61.10	148.00	92.80	51.00	63.30	34.70	26.10	59.28		Jul 02	851.49	37.09	12.36	1978
1979	16.60	12.40	12.80	71.00	301.00	193.00	126.00	67.00	68.40	38.60	22.00	16.50	79.21		May 27	614.00	48.93	11.83	1979
1980	14.40	15.10	14.80	40.70	118.00	80.70	124.00	62.10	92.40	84.70	48.40	24.90	60.20		Jul 16	320.00	52.66	13.66	1980
1981	18.80	15.00	14.40	14.70	98.10	102.00	40.90	25.80	46.00	35.20	25.60	17.30	37.90		May 27	257.00	20.36	13.64	1981
1982	10.90	12.20	12.10	16.60	125.00	117.00	40.10	91.90	44.00	30.70	20.70	17.00	45.07		Aug 12	309.00	28.91	10.19	1982
1983	15.30	14.00	14.90	27.60	146.00	94.40	57.80	63.10	29.90	28.90	20.40	14.40	44.15		May 31	302.80	26.51	13.54	1983
1984	9.03	8.78	12.30	19.60	94.30	105.00	87.10	55.70	47.80	30.10	15.70	13.90	41.73		Jun 21	234.00	35.17	7.74	1984
1985	12.50	12.10	12.50	13.40	201.00	99.90	91.40	55.20	76.70	49.80	26.50	19.80	56.28		May 21	519.00	46.80	11.53	1985
1986	17.10	16.50	17.40	20.80	116.00	129.00	184.00	84.90	59.40	66.00	30.60	21.90	64.06		Jul 03	754.00	48.01	15.77	1986
1987	16.70	15.00	15.10	21.20	191.00	156.00	144.00	104.00	73.40	54.50	34.10	25.30	71.31		Jul 15	527.00	55.96	13.67	1987
1988	19.30	17.10	15.70	38.30	280.00	148.00	240.00	128.00	64.30	58.10	34.00	27.90	89.82		Jul 01	702.00	60.13	15.26	1988
1989	22.20	18.40	14.10	55.70	256.00	93.70	72.60	64.60	44.00	38.00	24.10	20.60	60.74		May 06	500.00	37.60	13.21	1989
1990	17.10	15.10	16.60	23.70	248.00	166.00	108.00	93.50	56.60	41.40	26.50	21.00	69.92		May 31	615.00	44.66	14.89	1990
1991	17.50	18.30	18.40	48.40	290.00	82.70	130.00	76.20	75.50	63.90	32.60	24.30	73.75		May 14	631.00	64.37	15.51	1991
1992	19.70	19.00	18.80	26.00	204.00	371.00	60.30	105.00	128.00	99.70	53.00	25.20	94.00		Jun 06	748.00	37.19	17.91	1992
1993	18.20	17.70	17.50	35.40	184.00	81.60	112.00	82.70	49.20	43.50	27.90	22.90	58.15		May 07	340.00	44.29	14.97	1993
1994																			1994
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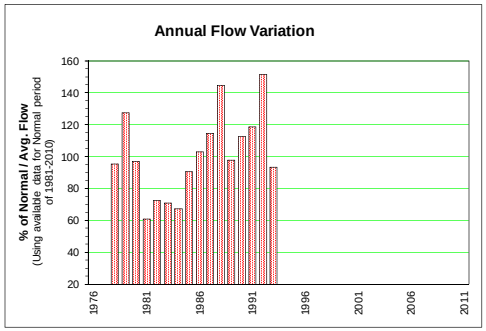
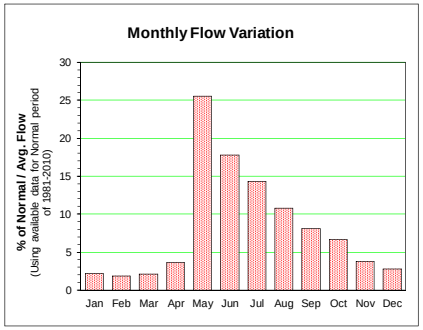
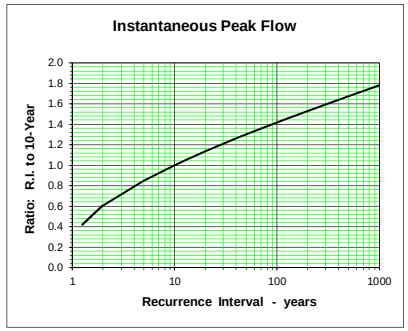
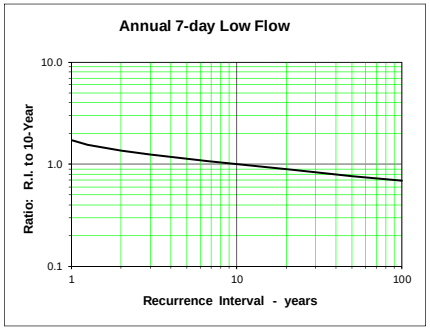
Avg.	16.26	15.04	15.05	32.21	187.28	130.07	110.39	78.28	63.24	51.19	29.60	20.94	62.85	62.84		514.02	43.04	13.48	m^3/s
S. D.	3.38	2.78	2.18	16.30	70.67	73.56	53.52	24.69	22.81	19.72	9.59	4.34	16.39			199.14	12.20	2.42	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	16.49	15.32	15.37	27.80	187.18	134.33	105.25	79.28	61.14	49.22	28.59	20.88	62.07	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	5	6	10	69	48	39	29	22	18	10	8	269	mm	10-Year	801.8	27.253	10.155	m^3/s







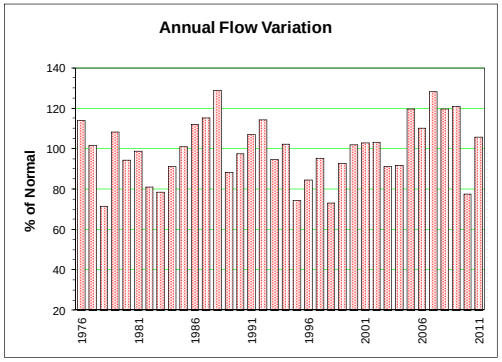


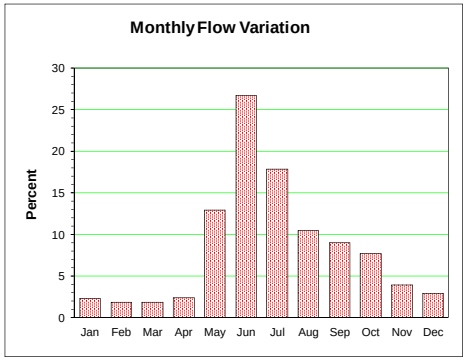
LIARD RIVER AT LOWER CROSSING 10BE001

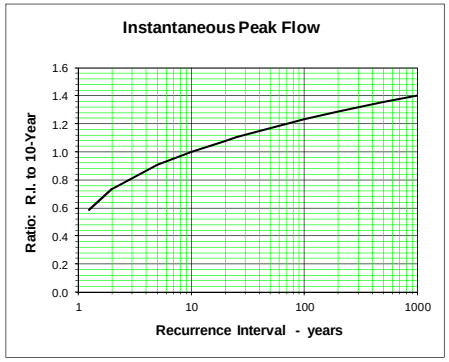
Station Longitude Latitude: -126.097218 59.412492

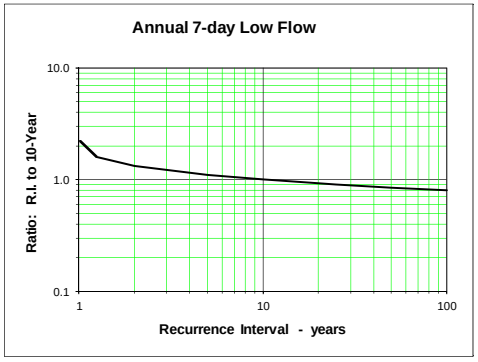
Monthly and Annual Discharge in m^3/s | Drainage Area = 104327.96 km^2 | Median Elevation = 1151 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	275.0	254.0	232.0	259.0	1890.0	3930.0	3770.0	1930.0	1310.0	871.0	506.0	363.0	1302.7		Jul 03	5610	1104.29	222.57	1976
1977	329.0	298.0	247.0	258.0	1720.0	4110.0	2690.0	1600.0	1110.0	834.0	380.0	314.0	1161.2		Jun 04	5040	970.00	233.43	1977
1978	266.0	237.0	214.0	228.0	864.0	2240.0	1540.0	1220.0	1020.0	1010.0	557.0	395.0	818.5		Jun 10	2940	877.00	205.86	1978
1979	271.0	213.0	229.0	228.0	1560.0	4380.0	3670.0	1500.0	1050.0	905.0	449.0	332.0	1237.4		Jul 05	5610	943.57	203.00	1979
1980	300.0	294.0	268.0	266.0	1500.0	2800.0	2060.0	1580.0	1260.0	1510.0	712.0	336.0	1076.1		Jun 11	3970	1170.00	243.14	1980
1981	315.0	283.0	257.0	252.0	2610.0	3690.0	1970.0	1020.0	1230.0	935.0	562.0	366.0	1127.7		May 29	6250	805.29	232.71	1981
1982	259.0	170.0	160.0	171.0	963.0	3840.0	1830.0	1100.0	1040.0	782.0	447.0	336.0	926.1		Jun 14	5390	821.71	156.71	1982
1983	273.0	206.0	200.0	200.0	1170.0	3230.0	1620.0	1210.0	1160.0	814.0	424.0	225.0	896.1		Jun 03	5460	1031.43	183.43	1983
1984	187.0	217.0	228.0	271.0	1220.0	3610.0	2280.0	1560.0	1270.0	809.0	504.0	339.0	1041.7		Jun 11	5090	986.71	182.57	1984
1985	220.0	191.0	187.0	207.0	1210.0	3880.0	3270.0	1380.0	1400.0	1010.0	484.0	352.0	1153.4		Jun 07	6510	1184.29	182.00	1985
1986	285.0	232.0	217.0	259.0	1250.0	3770.0	3490.0	1560.0	1140.0	1680.0	853.0	555.0	1280.3		Jul 04	5751	995.00	212.29	1986
1987	378.0	319.0	277.0	284.0	1560.0	4120.0	3070.0	1650.0	1460.0	1400.0	672.0	528.0	1314.4		Jun 02	5760	1321.43	267.86	1987
1988	411.0	319.0	274.0	300.0	2510.0	4470.0	4030.0	1910.0	1280.0	1050.0	571.0	475.0	1470.9		Jul 15	6640	1154.29	251.43	1988
1989	431.0	290.0	196.0	812.0	2320.0	3020.0	1580.0	1090.0	762.0	730.0	462.0	363.0	1007.7		Jun 07	4000	671.71	184.57	1989
1990	262.0	213.0	225.0	285.0	1860.0	4630.0	2240.0	1140.0	1000.0	785.0	376.0	334.0	1114.8		Jun 03	7350	953.57	206.71	1990
1991	271.0	267.0	244.0	411.0	2160.0	3170.0	2340.0	1570.0	1780.0	1400.0	552.0	431.0	1221.3		Jun 10	3680	1340.00	236.57	1991
1992	353.0	308.0	317.0	413.0	1430.0	5530.0	2890.0	1480.0	1070.0	980.0	492.0	428.0	1306.8		Jun 18	7360	985.86	267.57	1992
1993	317.0	310.0	281.0	386.0	2300.0	3280.0	2030.0	1180.0	879.0	959.0	610.0	395.0	1081.2		May 31	4610	851.43	264.43	1993
1994	250.0	176.0	177.0	400.0	1920.0	3530.0	2480.0	1370.0	1500.0	1360.0	501.0	288.0	1167.3		Jun 11	4660	1108.57	167.14	1994
1995	255.0	239.0	266.0	417.0	1690.0	1930.0	1400.0	1270.0	1110.0	797.0	447.0	333.0	849.7		May 16	2900	1007.14	230.43	1995
1996	254.0	229.0	229.0	287.0	1150.0	2890.0	2240.0	1450.0	1290.0	817.0	420.0	330.0	966.7		Jun 08	3670	1165.71	213.14	1996
1997	255.0	231.0	192.0	230.0	1860.0	3280.0	2430.0	1670.0	1250.0	798.0	451.0	353.0	1087.9		Jun 07	5020	1102.86	179.43	1997
1998	222.0	220.0	209.0	315.0	2240.0	2350.0	1250.0	916.0	715.0	733.0	473.0	322.0	834.0		May 30	5070	660.71	194.29	1998
1999	249.0	216.0	198.0	309.0	1300.0	4260.0	2280.0	1310.0	1000.0	750.0	488.0	337.0	1060.0		Jun 20	5770	968.00	195.00	1999
2000	273.0	263.0	258.0	276.0	912.0	3120.0	2630.0	2050.0	1860.0	1380.0	554.0	362.0	1163.2		Jun 16	4040	1200.00	247.00	2000
2001	331.0	321.0	277.0	360.0	827.0	4470.0	2780.0	1440.0	1270.0	1040.0	517.0	448.0	1175.2		Jun 16	5880	1117.14	236.43	2001
2002	393.0	315.0	253.0	260.0	1660.0	3220.0	2620.0	1640.0	1550.0	1120.0	616.0	445.0	1178.8		Jun 12	4490	1265.71	230.71	2002
2003	366.0	327.0	310.0	379.0	1310.0	2850.0	2450.0	1150.0	1110.0	1150.0	584.0	455.0	1040.5		Jun 21	3590	941.43	276.57	2003
2004	315.0	290.0	266.0	305.0	1840.0	3580.0	1770.0	1020.0	1050.0	986.0	667.0	470.0	1046.8		Jun 10	4600	911.71	259.57	2004
2005	340.0	288.0	261.0	395.0	3650.0	4170.0	2240.0	1430.0	1330.0	1030.0	734.0	466.0	1366.7		May 19	6560	1194.29	245.57	2005
2006	339.0	310.0	303.0	383.0	1880.0	4760.0	2040.0	1410.0	1460.0	1220.0	532.0	440.0	1258.4		Jun 18	6820	1188.57	301.00	2006
2007	375.0	340.0	309.0	360.0	1660.0	4830.0	3610.0	2260.0	1420.0	1220.0	664.0	450.0	1463.4		Jun 09	7800	1298.57	297.43	2007
2008	397.0	323.0	285.0	255.0	2150.0	4520.0	3210.0	1550.0	1470.0	1170.0	565.0	461.0	1365.0		Jun 25	6480	1385.71	235.29	2008
2009	374.0	343.0	318.0	375.0	2040.0	5070.0	2500.0	1610.0	1700.0	1360.0	522.0	317.0	1380.0		Jun 11	7200	1280.00	303.00	2009
2010	402.0	388.0	369.0	437.0	1500.0	2330.0	1580.0	911.0	945.0	862.0	524.0	348.0	885.1		Jun 06	3050	821.71	318.29	2010
2011	301.0	272.0	248.0	299.0	1820.0	3460.0	2300.0	2030.0	1890.0	1050.0	435.0	345.0	1208.4		Jun 23	5280	1475.71	241.00	2011
Avg.	308.17	269.78	249.47	320.33	1708.5	3675.6	2449.44	1449.08	1253.92	1036.31	536.31	384.36	1139.87	1143.42		5275	1062.81	230.78	m^3/s
S. D.	61.03	52.87	45.91	109.85	571.75	843.88	708.84	323.75	282.20	246.97	103.88	71.08	174.21			1318.58	196.11	40.30	m^3/s
Normal	311.73	271.47	251.43	333.13	1738.40	3713.33	2405.00	1410.23	1250.03	1037.57	542.27	391.73	1141.04	m^3/s					
Normal	8	6	6	8	45	92	62	36	31	27	13	10	345	mm	10-Year	7161.40	754.05	164.25	m^3/s







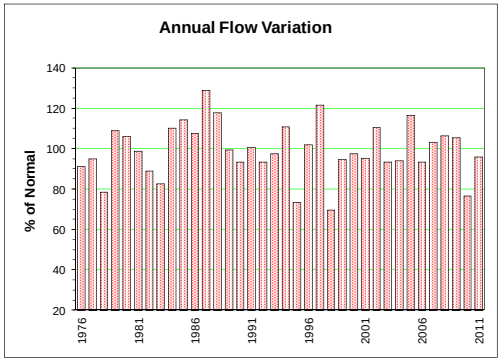


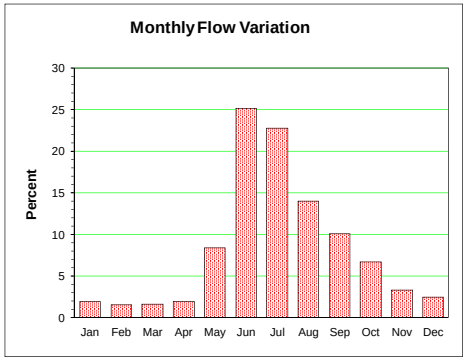
TOAD RIVER ABOVE NONDA CREEK 10BE004

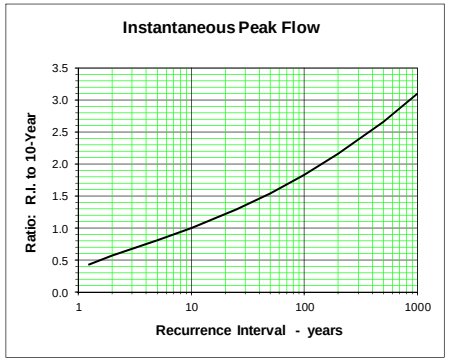
Station Longitude Latitude: -125.382675 58.855382

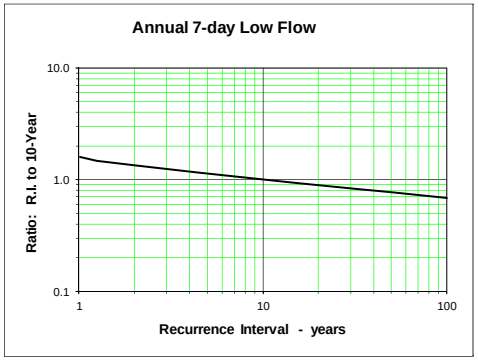
Monthly and Annual Discharge in m^3/s | Drainage Area = 2540.73 km^2 | Median Elevation = 1634 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	7.95	6.70	6.19	8.78	34.20	89.60	139.00	82.30	46.00	25.60	14.80	9.72	39.4		Jul 10	248	32.57	5.94	1976
1977	9.27	8.02	6.60	9.92	38.70	137.00	122.00	72.10	39.20	24.10	12.80	9.92	41.0		Jun 20	244	33.29	6.11	1977
1978	7.88	6.69	6.18	7.12	16.90	105.00	59.60	69.90	58.10	36.50	18.20	13.50	33.9		Jun 17	165	32.99	5.87	1978
1979	9.53	6.61	6.95	8.67	27.40	123.00	199.00	62.90	52.70	35.70	17.20	11.20	47.0		Jul 03	552	45.30	6.27	1979
1980	8.07	8.59	9.04	10.90	42.60	119.00	126.00	59.90	68.40	62.80	21.70	11.60	45.8		Jul 16	288	49.84	7.42	1980
1981	10.20	7.67	7.17	7.36	102.00	120.00	86.10	53.90	48.80	29.80	22.40	13.30	42.6		May 27	483	35.74	6.85	1981
1982	8.42	8.19	8.15	9.43	27.60	155.00	80.70	57.20	48.40	31.10	15.80	10.80	38.4		Jun 15	272	34.44	7.85	1982
1983	8.96	7.32	6.70	7.37	30.90	126.00	76.30	66.20	44.30	29.20	14.20	9.35	35.7		Jun 01	235	37.39	6.36	1983
1984	7.13	6.70	7.49	8.74	23.40	146.00	147.00	110.00	54.30	29.50	15.50	12.80	47.5		Jul 09	279	38.21	6.32	1984
1985	8.69	7.56	7.78	8.68	33.30	119.00	141.00	73.80	105.00	47.70	21.50	15.10	49.3		Jun 05	218	55.47	7.33	1985
1986	10.50	8.51	8.53	9.17	22.40	116.00	174.00	63.00	35.40	63.30	26.10	17.00	46.5		Jul 14	283	32.30	7.75	1986
1987	12.40	10.50	9.31	9.92	38.10	133.00	155.00	115.00	89.00	54.70	21.50	15.10	55.6		Jul 03	280	57.27	9.14	1987
1988	11.10	9.94	9.07	11.50	62.00	145.00	161.00	85.20	50.10	36.30	15.40	11.50	50.8		Jul 14	443	43.11	8.71	1988
1989	10.20	8.92	7.44	13.10	58.00	148.00	87.50	72.10	46.20	31.80	16.90	12.60	42.9		Jun 05	220	40.10	7.11	1989
1990	9.76	7.87	7.99	10.40	51.30	168.00	100.00	52.70	35.80	18.20	11.40	9.96	40.4		Jun 01	301	30.23	7.29	1990
1991	7.94	7.72	7.87	11.00	57.00	111.00	105.00	63.30	68.80	42.60	21.40	15.10	43.4		Jun 29	170	51.01	7.43	1991
1992	11.60	9.68	9.86	11.90	30.00	149.00	94.70	63.40	35.40	37.60	19.20	10.90	40.3		Jun 16	247	30.00	8.74	1992
1993	8.79	8.52	7.57	10.20	71.60	130.00	99.40	61.90	39.20	33.10	20.30	13.10	42.2		May 30	182	35.84	7.13	1993
1994	10.70	9.46	9.81	11.50	53.90	129.00	145.00	71.00	66.00	35.10	16.00	14.50	47.9		Jul 12	242	52.21	8.90	1994
1995	11.00	9.20	8.57	10.60	39.70	78.70	61.80	71.60	40.50	23.50	12.60	11.20	31.7		Aug 18	117	33.77	8.41	1995
1996	8.13	7.93	8.06	9.95	22.70	87.50	152.00	106.00	57.40	34.10	18.10	14.00	44.0		Jul 20	243	45.84	6.31	1996
1997	11.50	10.30	8.48	10.70	46.50	166.00	136.00	102.00	70.20	34.40	17.50	13.80	52.5		Jun 25	210	58.86	7.92	1997
1998	8.67	8.64	8.21	9.23	60.90	71.90	67.70	44.20	29.30	25.00	14.40	10.80	30.1		May 31	145	25.96	7.83	1998
1999	9.01	7.96	7.28	11.60	26.10	154.00	117.00	68.40	38.30	23.30	13.40	12.20	40.8		Jun 17	372	31.97	7.12	1999
2000	9.28	7.16	6.83	7.93	14.70	108.00	124.00	81.90	79.80	35.70	17.60	11.20	42.1		Jun 29	178	22.10	6.37	2000
2001	10.70	8.50	8.24	9.05	14.80	127.00	136.00	73.80	46.70	29.30	15.10	12.30	41.1		Jul 19	280	30.53	7.59	2001
2002	9.92	8.59	7.37	7.63	32.20	159.00	153.00	70.90	48.40	37.80	21.60	14.10	47.7		Jun 16	245	40.16	6.62	2002
2003	11.50	9.94	9.81	11.60	33.80	120.00	110.00	57.30	48.40	37.80	18.70	13.50	40.3		Jun 10	171	42.10	8.86	2003
2004	10.20	9.22	8.11	10.10	43.10	136.00	92.50	54.40	53.80	35.40	20.40	13.70	40.6		Jun 10	190	43.87	7.85	2004
2005	9.49	9.37	9.47	14.10	85.50	154.00	113.00	81.40	65.10	30.70	16.80	12.30	50.3		Jun 03	238	52.21	8.14	2005
2006	10.40	9.83	8.74	10.00	43.10	147.00	85.10	64.30	40.40	33.70	16.30	13.80	40.3		Jun 15	272	30.53	8.49	2006
2007	10.80	9.51	9.35	11.00	30.50	162.00	128.00	65.00	49.00	31.40	16.40	10.30	44.6		Jun 06	285	46.40	8.68	2007
2008	10.20	9.48	8.75	8.76	50.30	151.00	147.00	65.40	46.10	29.20	13.10	10.30	45.9		Jul 06	278	39.09	8.02	2008
2009	8.59	8.49	8.07	8.95	35.80	167.00	117.00	69.50	59.00	38.00	15.10	9.41	45.5		Jun 12	262	52.10	7.83	2009
2010	9.24	9.69	9.23	11.80	34.20	85.60	79.60	50.00	53.30	27.30	13.50	11.70	33.0		Jul 04	128	37.59	8.50	2010
2011	10.30	9.07	7.50	8.38	47.50	119.00	86.20	78.60	68.10	31.40	15.10	13.30	41.3		Jun 21	197	49.40	7.40	2011
Avg.	9.67	8.56	8.10	9.92	41.19	129.51	116.78	71.13	53.47	34.52	17.17	12.36	42.85	43.14		255	40.27	7.51	m^3/s
S. D.	1.26	1.08	1.02	1.63	19.01	25.89	33.53	16.31	15.92	9.80	3.36	1.88	5.70			91.27	9.35	0.94	m^3/s
Normal	9.83	8.75	8.31	10.11	42.51	132.32	115.75	71.16	53.08	34.22	17.27	12.52	43.13	m^3/s					
Normal	10	8	9	10	45	135	122	75	54	36	18	13	536	mm	10-Year	419.52	28.59	5.58	m^3/s







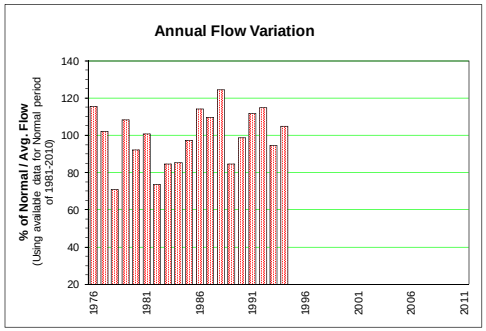


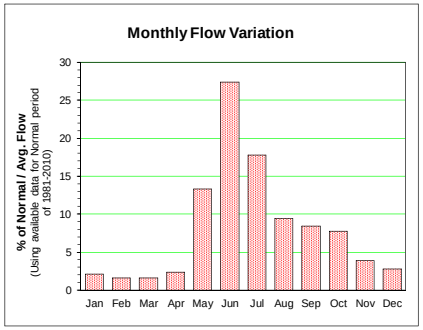
LIARD RIVER ABOVE KECHIKA RIVER 10BE006

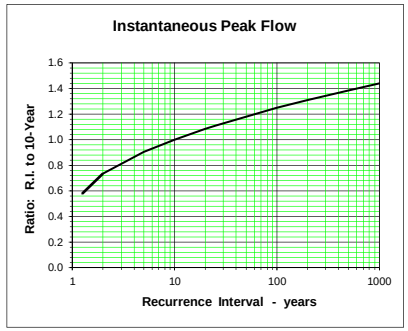
Station Longitude Latitude: -127.231992 59.700140

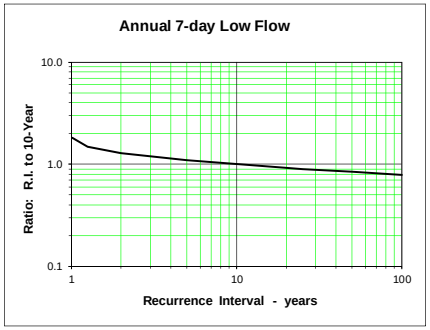
Monthly and Annual Discharge in m^3/s | Drainage Area = 61277.65 km^2 | Median Elevation = 1154 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	161.00	150.00	135.00	157.00	1190.00	2740.00	2400.00	1080.00	772.00	538.00	315.00	196.00	821.23		Jul 03	3910.00	674.00	128.14	1976
1977	172.00	167.00	151.00	171.00	1100.00	2680.00	1650.00	941.00	689.00	541.00	256.00	171.00	726.20		Jun 05	3310.00	585.86	143.57	1977
1978	122.00	109.00	99.70	118.00	579.00	1440.00	1020.00	753.00	587.00	619.00	327.00	253.00	504.19		Jun 10	1900.00	504.14	97.93	1978
1979	179.00	142.00	152.00	140.00	936.00	2890.00	2200.00	881.00	622.00	565.00	287.00	192.00	768.22		Jun 05	3570.00	553.43	133.86	1979
1980	157.00	157.00	147.00	166.00	963.00	1780.00	1130.00	982.00	727.00	948.00	460.00	215.00	653.95		Jun 11	2510.44	665.14	143.86	1980
1981	197.00	176.00	160.00	155.00	1620.00	2260.00	1250.00	603.00	806.00	647.00	406.00	273.00	715.04		May 29	4020.00	455.71	141.71	1981
1982	168.00	101.00	93.90	104.00	592.00	2210.00	973.00	541.00	542.00	449.00	276.00	207.00	522.00		Jun 13	3040.00	447.29	92.21	1982
1983	168.00	124.00	122.00	122.00	854.00	2120.00	1100.00	781.00	802.00	549.00	298.00	148.00	600.31		Jun 03	3510.00	656.57	109.14	1983
1984	115.00	120.00	124.00	164.00	827.00	2140.00	1340.00	799.00	716.00	463.00	273.00	174.00	604.84		Jun 11	3138.05	555.57	109.43	1984
1985	121.00	98.90	85.70	93.10	665.00	2540.00	2000.00	865.00	718.00	547.00	309.00	232.00	691.94		Jun 07	4260.00	652.00	83.51	1985
1986	192.00	147.00	146.00	171.00	803.00	2540.00	2130.00	896.00	707.00	1020.00	555.00	367.00	809.53		Jul 05	3846.65	620.86	139.43	1986
1987	242.00	177.00	157.00	168.00	955.00	2630.00	1820.00	898.00	822.00	804.00	380.00	264.00	778.89		Jun 02	3900.00	769.14	153.86	1987
1988	194.00	153.00	134.00	170.00	1620.00	2730.00	2410.00	1090.00	755.00	681.00	356.00	285.00	884.16		Jul 15	3990.00	708.00	133.00	1988
1989	264.00	204.00	151.00	514.00	1470.00	1860.00	912.00	567.00	403.00	422.00	239.00	187.00	600.97		Jun 07	2470.00	365.29	140.43	1989
1990	153.00	133.00	142.00	186.00	1190.00	2910.00	1390.00	648.00	624.00	500.00	297.00	229.00	701.50		Jun 03	4930.00	549.29	129.43	1990
1991	153.00	143.00	138.00	253.00	1340.00	2160.00	1520.00	1070.00	1190.00	919.00	332.00	261.00	793.11		Jun 09	2520.00	879.71	129.86	1991
1992	204.00	174.00	167.00	206.00	911.00	3620.00	1920.00	906.00	646.00	524.00	269.00	235.00	814.63		Jun 18	5070.00	606.29	139.43	1992
1993	176.00	172.00	155.00	211.00	1390.00	2130.00	1300.00	708.00	537.00	634.00	375.00	245.00	671.93		May 31	2910.00	501.43	146.14	1993
1994	163.00	115.00	115.00	304.00	1310.00	2340.00	1430.00	755.00	905.00	952.00	322.00	181.00	743.66		Jun 14	2990.00	614.86	108.86	1994
1995	170.00	174.00	197.00	300.00	1210.00	1370.00	857.00	797.00	752.00						May 16	1970.00	683.00	164.14	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	173.55	146.85	138.62	193.66	1076.25	2354.50	1537.60	828.05	716.10	648.53	333.26	227.11	705.59	708.16		3388.26	602.38	128.40	m^3/s
S. D.	36.60	29.03	26.45	94.24	318.29	529.97	500.41	163.81	161.11	187.58	76.97	51.28	104.70			879.29	118.47	21.39	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	178.67	147.46	139.17	208.07	1117.13	2370.67	1490.13	794.93	728.33	650.79	334.79	234.86	709.46	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	9	49	100	65	35	31	28	14	10	365	mm	10-Year	4673.0	470.026	96.113	m^3/s







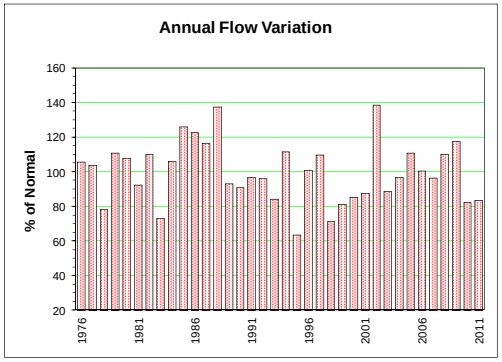


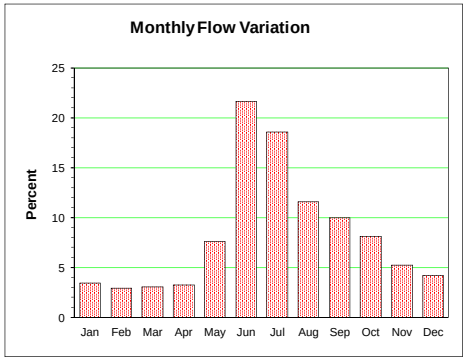
TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY 10BE007

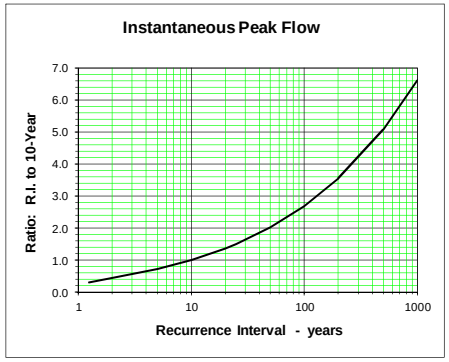
Station Longitude Latitude: -125.939734 59.336210

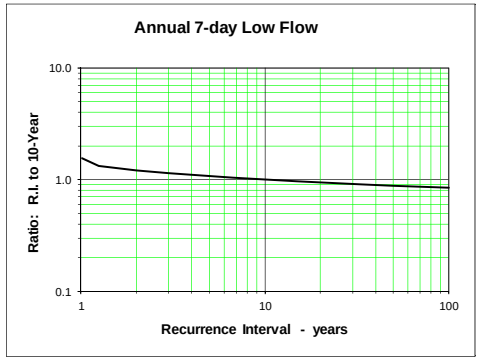
Monthly and Annual Discharge in m^3/s | Drainage Area = 1190.93 km^2 | Median Elevation = 1415 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	6.17	6.12	5.57	6.26	13.20	34.80	58.70	26.50	19.70	13.30	10.80	7.49	17.44		Jul 09	84.70	16.43	5.43	1976
1977	7.00	6.91	6.98	7.49	15.40	52.00	40.10	24.00	16.10	12.80	9.53	7.19	17.16		Jun 19	72.86	15.06	6.70	1977
1978	6.55	6.18	6.01	6.68	8.38	36.70	20.60	18.20	16.30	12.20	9.50	7.48	12.91		Jun 16	49.30	11.38	5.39	1978
1979	6.30	5.39	5.53	6.60	9.52	49.30	62.60	19.60	18.90	14.90	12.00	7.88	18.28		Jul 02	227.00	16.79	5.24	1979
1980	5.90	5.75	5.63	6.61	16.90	35.00	34.50	26.20	25.10	25.90	17.00	9.03	17.82		Jul 16	68.10	22.31	5.46	1980
1981	8.58	7.79	7.63	7.33	34.60	40.10	21.10	13.70	15.70	11.00	8.68	6.69	15.27		May 27	112.00	12.53	6.12	1981
1982	5.48	5.30	5.07	5.73	10.30	51.70	32.40	28.90	27.00	19.70	16.40	9.73	18.17		Jun 14	76.30	22.00	4.92	1982
1983	5.15	3.95	4.66	6.08	9.96	36.80	22.40	17.10	15.10	10.80	6.95	5.73	12.08		May 31	51.00	13.04	3.80	1983
1984	4.65	4.68	4.90	5.48	6.91	54.80	49.80	32.10	22.30	10.30	6.65	7.20	17.50		Jun 25	119.00	8.93	4.47	1984
1985	5.38	5.03	5.21	5.98	13.00	47.50	46.70	24.60	47.90	26.80	12.50	8.25	20.78		Jun 05	99.16	22.49	4.95	1985
1986	6.94	6.45	6.24	6.66	9.69	41.30	67.60	24.60	19.30	29.90	12.30	10.50	20.24		Jul 03	142.00	17.19	6.02	1986
1987	9.18	8.57	7.73	7.38	14.00	48.70	37.70	29.50	25.40	19.00	13.20	9.58	19.20		Jun 22	80.80	20.36	7.25	1987
1988	8.07	7.43	6.90	7.42	22.80	50.20	60.60	36.00	24.40	21.10	15.60	11.00	22.69		Jul 14	139.00	22.69	6.56	1988
1989	7.44	6.18	5.94	8.58	23.60	38.00	25.60	21.70	15.30	13.20	10.10	8.52	15.39		Jun 05	46.50	14.03	5.75	1989
1990	6.84	6.02	5.97	6.59	15.30	56.60	27.80	16.10	12.70	10.70	8.67	6.66	15.00		Jun 01	98.60	12.00	5.85	1990
1991	6.03	6.68	6.18	6.79	20.20	36.90	28.10	16.80	21.10	19.70	12.80	10.20	16.00		Jun 26	48.50	14.39	5.35	1991
1992	8.19	6.67	6.50	6.79	11.50	55.60	28.10	21.40	13.40	14.40	11.00	7.18	15.88		Jun 15	77.60	12.80	5.57	1992
1993	5.36	6.63	5.88	6.44	18.70	31.80	29.50	17.80	13.70	12.30	10.20	8.06	13.91		Jul 05	44.30	13.30	5.05	1993
1994	6.26	5.75	6.09	7.08	20.70	42.50	45.90	26.60	22.90	18.50	11.10	6.63	18.41		Jul 11	71.00	19.33	5.42	1994
1995	5.98	5.94	5.55	6.45	10.20	22.30	13.90	17.00	13.50	10.20	7.66	6.73	10.47		Jun 06	35.54	11.59	5.43	1995
1996	5.76	5.66	5.60	6.37	7.61	29.60	39.90	36.80	28.00	15.10	10.40	8.28	16.63		Jul 06	51.20	12.14	5.19	1996
1997	7.24	6.64	5.57	5.91	13.80	44.60	39.00	29.80	25.90	16.10	12.10	9.93	18.10		Jun 05	58.90	22.11	5.22	1997
1998	6.71	6.56	6.45	7.45	19.30	25.10	22.40	13.20	9.92	9.26	7.83	6.76	11.78		Jun 01	42.10	9.42	6.17	1998
1999	6.13	6.05	5.57	5.93	7.77	44.50	25.00	19.80	13.70	10.00	8.28	7.95	13.40		Jun 19	86.00	11.30	5.19	1999
2000	6.69	5.99	5.50	5.71	6.62	26.10	30.00	23.00	28.30	14.30	9.35	7.70	14.11		Jun 19	48.70	7.32	5.33	2000
2001	7.05	5.80	5.57	5.86	8.04	38.00	36.10	21.00	15.10	12.60	9.40	8.62	14.47		Jul 19	66.90	13.23	5.36	2001
2002	7.59	6.75	6.31	7.00	9.38	63.90	68.80	31.90	22.20	24.90	13.70	10.90	22.87		Jul 02	111.00	16.77	5.87	2002
2003	9.39	8.65	7.57	7.29	9.10	31.10	30.70	17.30	17.40	15.80	11.80	9.34	14.64		Jun 13	44.60	12.55	6.61	2003
2004	6.19	5.77	5.22	6.40	14.90	50.60	37.60	16.10	14.20	17.00	10.70	7.17	15.99		Jun 15	96.60	6.97	5.12	2004
2005	5.66	5.55	5.43	6.47	42.60	52.30	26.00	22.10	21.60	14.10	9.30	7.91	18.31		May 28	100.00	17.04	5.07	2005
2006	6.62	5.97	5.61	7.08	14.00	55.40	29.80	23.20	17.10	16.50	10.10	7.40	16.59		Jun 07	104.95	13.69	5.50	2006
2007	6.78	6.31	6.05	6.20	9.75	41.40	36.30	23.10	18.90	16.60	10.60	8.26	15.90		Jun 06	111.00	17.40	5.98	2007
2008	6.96	6.34	5.92	6.17	18.00	55.50	56.60	19.20	16.10	11.60	8.30	6.75	18.15		Jul 07	109.00	15.06	5.85	2008
2009	5.98	5.56	5.20	6.08	12.00	68.90	41.40	21.80	24.20	19.80	12.00	9.34	19.38		Jun 13	96.50	18.09	5.14	2009
2010	8.05	7.70	6.88	7.04	11.20	23.50	29.60	15.70	20.10	13.90	10.00	9.51	13.63		Jul 04	52.70	14.33	6.65	2010
2011	7.80	6.88	6.42	6.36	15.10	33.80	23.10	21.30	16.10	11.40	9.07	8.04	13.81		Jun 22	44.30	13.67	6.23	2011
Avg.	6.72	6.27	5.97	6.60	14.6	43.0	36.83	22.60	19.85	15.71	10.71	8.21	16.45	16.30		82	14.99	5.59	m^3/s
S. D.	1.11	0.96	0.74	0.64	7.53	11.47	14.13	5.98	6.82	5.12	2.44	1.34	2.89			38.15	4.23	0.67	m^3/s
Normal	6.74	6.28	5.96	6.59	14.85	43.51	36.21	22.60	20.08	15.84	10.59	8.28	16.50	m^3/s					
Normal	15	13	13	14	33	95	81	51	44	36	23	19	437	mm	10-Year	166.23	9.71	4.58	m^3/s









GEDDES CREEK AT THE MOUTH 10BE008

Station Longitude Latitude: -126.668229 59.598447

Monthly and Annual Discharge in m^3/s | Drainage Area = 76.49 km^2 | Median Elevation = 712 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979								0.204	0.232	0.202	0.174	0.166							1979
1980	0.157	0.166	0.173	0.375	0.331	0.222	0.242	0.190	0.237	0.224	0.152	0.115	0.215		Apr 27	0.975	0.1681	0.1064	1980
1981	0.103	0.103	0.140	0.160	0.605	0.341	0.220	0.186	0.243	0.231	0.201	0.162	0.225		May 11	1.010	0.1487	0.0909	1981
1982	0.138	0.134	0.131	0.190	0.705	0.180	0.138	0.232	0.207	0.180	0.125	0.112	0.207		May 18	1.280	0.1217	0.1056	1982
1983	0.094	0.078	0.084	0.174	0.207	0.144	0.098	0.097	0.106	0.111	0.076	0.055	0.110		Apr 27	0.470	0.0759	0.0531	1983
1984	0.061	0.071	0.078	0.188	0.118	0.089	0.139	0.146	0.118	0.096	0.076	0.074	0.105		Jul 27	0.340	0.0429	0.0429	1984
1985	0.068	0.061	0.053	0.090	0.224	0.111	0.131	0.116	0.202	0.145	0.097	0.140	0.120		Sep 17	0.490	0.0913	0.0493	1985
1986	0.108	0.078	0.083	0.198	0.477	0.142		0.268	0.260	0.318	0.178	0.156	0.190				0.1051	0.0696	1986
1987	0.136	0.127	0.152	0.196	0.218	0.366	0.289	0.349	0.322	0.281	0.205	0.173	0.235		Jun 23	0.760	0.2237	0.1250	1987
1988	0.146	0.117	0.108	0.156	0.474	0.524	1.230	0.384	0.341	0.291	0.255	0.217	0.355		Jul 06	2.210	0.2773	0.1031	1988
1989	0.199	0.167	0.144	0.254	0.362	0.311	0.344	0.182	0.213	0.188	0.176	0.179	0.227		May 01	1.020	0.1193	0.1193	1989
1990	0.136	0.123	0.141	0.177	0.335	0.306	0.197	0.165	0.147	0.148	0.124	0.108	0.176		May 31	0.986	0.1201	0.0990	1990
1991	0.105	0.124	0.096	0.141	0.204	0.144	0.139	0.150	0.206	0.158	0.176	0.128	0.148		Oct 22	0.589	0.0626	0.0494	1991
1992	0.125	0.148	0.135	0.600	0.778	0.432	0.262	0.309	0.282	0.284	0.212	0.128	0.308		Apr 21	1.280	0.2136	0.0909	1992
1993	0.097	0.131	0.171	0.292	0.229	0.163	0.157	0.122	0.166	0.184	0.145	0.117	0.164		Apr 21	0.610	0.1113	0.0839	1993
1994	0.104	0.119	0.127	0.211	0.240	0.173	0.169	0.152	0.217	0.198	0.163	0.157	0.169		May 03	0.713	0.1403	0.0967	1994
1995	0.122	0.102	0.095	0.200	0.138	0.207	0.224	0.096	0.127	0.138	0.092	0.090	0.136		Jun 06	1.000	0.0663	0.0663	1995
1996	0.080	0.088	0.089	0.139	0.283	0.129	0.154	0.199	0.220	0.170	0.134	0.107	0.150		May 02	0.636	0.0889	0.0720	1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
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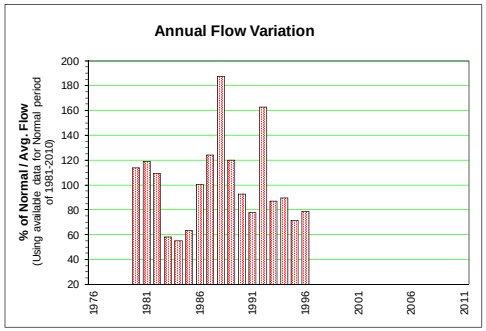
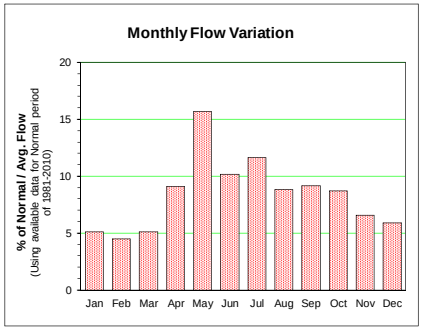
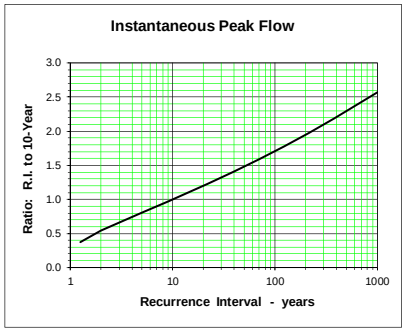
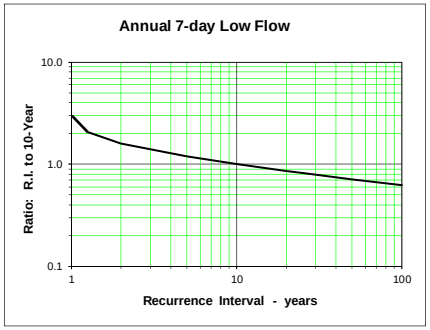
2010																			2010
2011																			2011
Avg.	0.116	0.114	0.118	0.220	0.349	0.234	0.258	0.197	0.214	0.197	0.153	0.132	0.191	0.19		0.90	0.13	0.08	m^3/s
S. D.	0.034	0.032	0.035	0.117	0.195	0.124	0.267	0.083	0.065	0.064	0.050	0.040	0.068			0.45	0.06	0.03	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.114	0.111	0.114	0.210	0.350	0.235	0.259	0.197	0.211	0.195	0.152	0.131	0.189	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	4	4	7	12	8	9	7	7	7	5	5	78	mm	10-Year	1.5	0.061	0.051	m^3/s







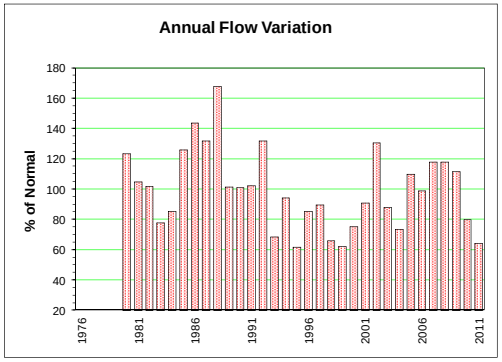


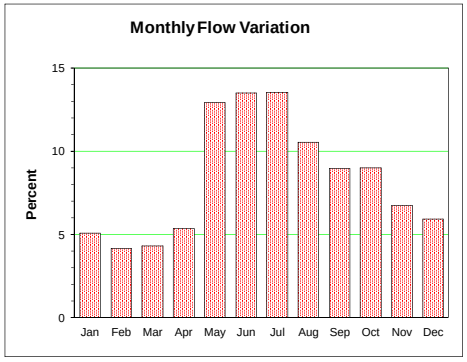
TEETER CREEK NEAR THE MOUTH 10BE009

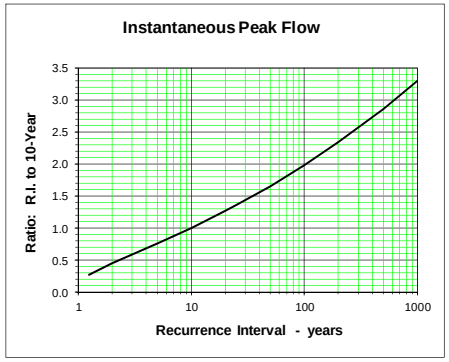
Station Longitude Latitude: -126.228783 59.453953

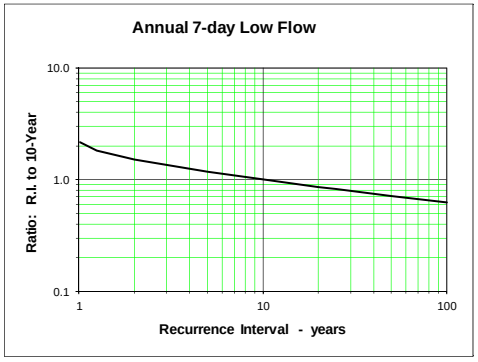
Monthly and Annual Discharge in m^3/s | Drainage Area = 209.96 km^2 | Median Elevation = 1034 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979								2.000	1.520	1.260	0.983	0.774							1979
1980	0.631	0.666	0.684	1.000	1.790	1.900	1.680	1.490	1.940	2.510	1.690	1.280	1.441		Oct 06	3.22	1.397	0.611	1980
1981	1.040	0.704	0.611	0.584	2.790	2.480	1.720	1.260	1.210	1.040	0.811	0.423	1.226		May 22	3.47	1.090	0.304	1981
1982	0.235	0.226	0.220	0.437	2.530	2.300	1.540	1.770	1.700	1.390	1.030	0.843	1.191		May 18	4.81	1.321	0.211	1982
1983	0.692	0.626	0.645	0.779	1.340	1.550	1.190	1.050	0.924	0.881	0.653	0.541	0.907		May 24	2.80	0.901	0.496	1983
1984	0.414	0.386	0.442	0.646	0.981	1.560	1.590	1.350	1.410	1.290	1.050	0.836	0.998		Jul 02	2.34	1.013	0.364	1984
1985	0.773	0.785	0.753	0.820	2.340	2.070	1.690	1.550	2.110	2.060	1.460	1.210	1.472		May 19	3.17	1.504	0.707	1985
1986	0.792	0.618	0.651	0.904	2.190	2.060	4.590	2.340	1.680	2.080	1.080	1.020	1.678		Jul 03	7.86	1.556	0.581	1986
1987	0.979	0.935	0.756	0.870	2.020	2.940	2.290	2.150	1.760	1.480	1.200	1.050	1.539		Jun 22	4.74	1.576	0.744	1987
1988	0.582	0.460	0.391	0.830	2.650	4.000	4.920	3.110	1.990	1.720	1.410	1.370	1.960		Jul 15	7.56	1.897	0.370	1988
1989	1.110	0.948	0.763	1.070	2.640	1.800	1.480	1.130	0.965	0.910	0.683	0.685	1.184		May 05	3.80	0.923	0.637	1989
1990	0.669	0.719	0.744	0.845	1.750	2.310	1.940	1.430	1.120	1.000	0.847	0.758	1.180		May 31	4.45	1.064	0.616	1990
1991	0.640	0.646	0.614	0.808	1.810	1.440	1.200	1.060	1.250	1.930	1.580	1.290	1.193		May 14	2.81	1.000	0.577	1991
1992	1.040	0.884	0.825	1.190	2.810	3.570	1.960	1.750	1.380	1.220	1.030	0.842	1.543		Jun 02	5.51	1.286	0.683	1992
1993	0.637	0.628	0.569	0.740	1.180	0.990	0.945	0.827	0.778	0.788	0.761	0.755	0.801		May 21	1.43	0.731	0.538	1993
1994	0.617	0.571	0.616	0.728	1.580	1.540	1.480	1.320	1.280	1.310	1.110	1.040	1.103		Jun 07	1.96	1.223	0.555	1994
1995	0.851	0.764	0.682	0.766	0.823	0.742	0.708	0.767	0.717	0.685	0.570	0.609	0.724		Aug 15	1.05	0.627	0.533	1995
1996	0.511	0.460	0.462	0.532	1.310	1.510	1.370	1.350	1.330	1.170	1.030	0.891	0.996		May 30	2.03	1.204	0.423	1996
1997	0.690	0.622	0.508	0.746	1.700	1.580	1.610	1.510	1.250	1.020	0.665	0.646	1.049		Apr 27	2.97	1.171	0.475	1997
1998	0.467	0.462	0.442	0.815	1.450	1.130	0.970	0.786	0.717	0.714	0.644	0.611	0.769		May 14	4.66	0.687	0.416	1998
1999	0.551	0.534	0.500	0.607	0.940	1.070	0.892	0.798	0.769	0.740	0.684	0.641	0.728		Jun 19	1.64	0.731	0.492	1999
2000	0.553	0.508	0.433	0.549	0.919	0.919	0.928	1.160	1.580	1.270	0.970	0.783	0.882		Sep 12	1.68	0.825	0.404	2000
2001	0.708	0.620	0.574	0.613	1.070	2.420	1.810	1.330	1.130	0.990	0.776	0.710	1.064		Jun 03	5.96	1.071	0.537	2001
2002	0.670	0.628	0.673	0.608	1.720	2.220	3.000	2.610	1.640	1.830	1.430	1.190	1.526		Jun 07	5.80	1.409	0.580	2002
2003	0.932	0.848	0.768	0.904	1.450	1.290	1.280	1.060	0.987	1.020	0.906	0.861	1.027		Apr 30	2.18	0.931	0.684	2003
2004	0.795	0.730	0.598	0.655	1.130	1.270	1.080	0.950	0.976	0.942	0.674	0.520	0.860		May 25	1.71	0.889	0.473	2004
2005	0.598	0.691	0.683	0.943	3.260	2.470	1.440	1.190	1.080	1.070	1.000	0.956	1.286		May 17	8.61	1.020	0.504	2005
2006	0.815	0.637	0.597	0.754	2.170	2.490	1.550	1.260	1.090	1.030	0.891	0.563	1.156		May 14	10.60	1.020	0.453	2006
2007	0.362	0.376	0.433	0.639	1.690	1.690	3.570	2.190	1.670	1.900	1.090	0.816	1.378		Jul 03	7.00	1.403	0.343	2007
2008	1.020	0.717	0.687	0.817	1.540	2.430	3.640	1.850	1.400	1.120	0.694	0.563	1.377		Jun 23	9.55	1.273	0.539	2008
2009	0.535	0.550	0.561	0.705	2.160	2.690	2.190	1.470	1.360	1.570	1.070	0.727	1.303		May 30	3.19	1.260	0.517	2009
2010	0.632	0.603	0.618	0.949	1.370	1.050	1.260	1.090	1.000	0.951	0.862	0.762	0.931		May 03	1.90	0.940	0.592	2010
2011	0.621	0.533	0.528	0.593	0.992	0.968	0.917	0.959	0.954	0.881	0.645	0.394	0.750		Jun 21	1.59	0.866	0.375	2011
Avg.	0.693	0.628	0.595	0.764	1.753	1.889	1.826	1.452	1.293	1.266	0.969	0.817	1.163	1.163		4.13	1.119	0.510	m^3/s
S. D.	0.206	0.161	0.133	0.166	0.647	0.775	1.039	0.553	0.377	0.454	0.290	0.252	0.303			2.57	0.293	0.123	m^3/s
Normal	0.697	0.630	0.594	0.762	1.777	1.919	1.861	1.449	1.275	1.237	0.955	0.817	1.168	m^3/s					
Normal	9	7	8	9	23	24	24	18	16	16	12	10	176	mm	10-Year	7.64	0.77	0.34	m^3/s







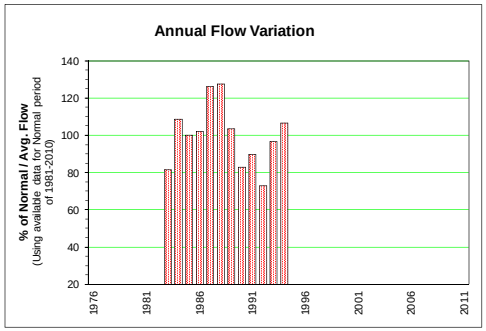


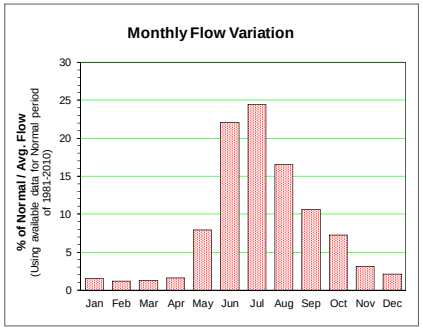
TOAD RIVER NEAR THE MOUTH 10BE010

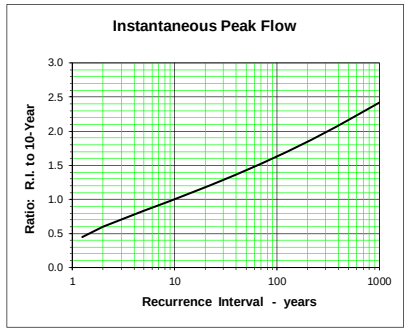
Station Longitude Latitude: -124.700495 59.186410

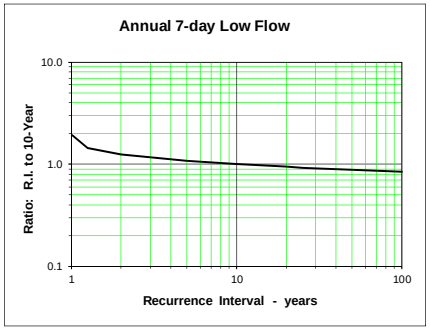
Monthly and Annual Discharge in m^3/s | Drainage Area = 6889.65 km^2 | Median Elevation = 1468 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983	17.70	14.30	12.60	14.90	74.30	260.00	222.00	186.00	113.00	76.00	34.00	15.90	87.11		Jun 01	482.87	97.34	12.01	1983
1984	11.00	13.80	16.40	20.90	66.60	361.00	347.00	280.00	143.00	69.90	35.30	28.70	116.43		Jul 07	833.00	90.76	10.23	1984
1985	18.90	15.00	15.20	16.00	68.40	209.00	269.00	208.00	260.00	134.00	41.20	24.40	107.07		Sep 17	351.00	145.71	14.37	1985
1986	16.00	12.30	13.90	16.50	72.90	224.00	398.00	164.00	100.00	158.00	75.30	51.40	109.37		Jul 04	646.00	89.47	11.30	1986
1987	29.40	20.60	19.20	21.60	79.50	310.00	407.00	312.00	205.00	124.00	49.00	32.80	134.97		Jun 23	892.00	144.86	17.56	1987
1988	25.50	19.00	15.50	24.70	123.00	289.00	543.00	338.00	143.00	71.50	20.50	15.20	136.47		Jul 14	1260.00	88.81	14.31	1988
1989	14.90	15.80	16.10	28.60	169.00	355.00	211.00	214.00	140.00	92.70	42.40	24.30	110.75		Jun 26	532.00	120.71	14.34	1989
1990	20.00	16.30	16.30	22.50	130.00	351.00	201.00	113.00	83.50	47.80	33.70	27.00	88.73		May 31	868.00	66.43	14.97	1990
1991	21.20	20.70	20.80	25.40	105.00	221.00	265.00	157.00	138.00	86.40	49.50	38.10	96.15		Jul 17	461.00	124.29	19.44	1991
1992	26.80	18.60	18.20	25.40	57.30	279.00	198.00	130.00	69.50	67.40	31.20	16.30	78.21		Jun 16	461.00	59.99	13.24	1992
1993	13.40	16.30	14.50	23.20	139.00	295.00	264.00	190.00	114.00	94.50	48.40	23.70	103.52		May 03	476.38	103.71	12.64	1993
1994	17.60	14.30	14.20	19.60	120.00	304.00	370.00	208.00	161.00	80.30	29.10	23.00	114.08		Jul 11	666.00	129.57	13.04	1994
1995	18.60	16.90	16.40															16.13	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005															Nov 18	112.00			2005
2006															Jun 09	143.00			2006
2007															Jun 16	126.00			2007
2008															Jun 21	257.00			2008
2009															Jun 10	144.00			2009
2010															Jun 19	148.00			2010
2011															Jun 12	134.00			2011
Avg.	19.31	16.45	16.10	21.61	100.42	288.17	307.92	208.33	139.17	91.88	40.80	26.73	106.91	106.94		473.33	105.14	14.12	m^3/s
S. D.	5.33	2.62	2.25	4.24	35.53	52.46	106.24	69.67	52.44	31.68	14.02	10.32	17.83			325.03	28.20	2.53	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	19.31	16.45	16.10	21.61	100.42	288.17	307.92	208.33	139.17	91.88	40.80	26.73	106.91	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	8	39	108	120	81	52	36	15	10	490	mm	10-Year	1007.6	69.599	11.155	m^3/s







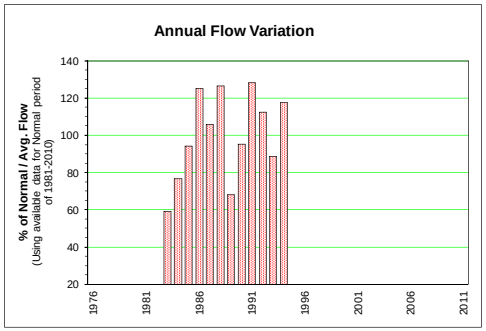


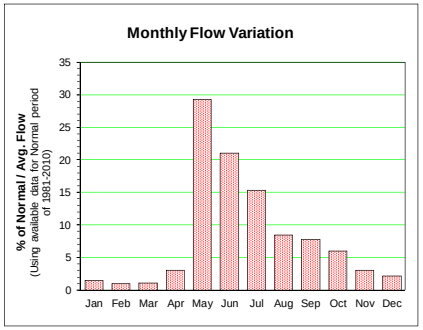
GRAYLING RIVER NEAR THE MOUTH 10BE011

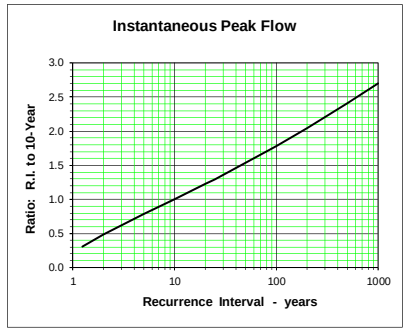
Station Longitude Latitude: -125.068966 59.374181

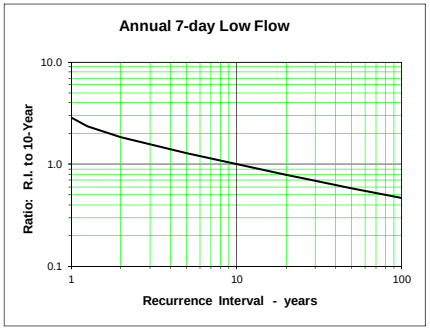
Monthly and Annual Discharge in m^3/s | Drainage Area = 1759.19 km^2 | Median Elevation = 1111 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983	1.95	1.76	1.85	6.17	40.20	29.70	11.10	8.33	5.52	5.23	3.32	2.15	9.82		May 21	90.00	5.09	1.66	1983
1984	1.34	1.24	1.49	2.42	28.40	51.00	22.80	13.30	16.00	8.36	3.48	2.80	12.72		Jun 07	154.00	8.63	1.13	1984
1985	2.17	2.05	2.08	2.17	43.80	37.90	28.30	13.20	32.10	10.90	6.11	5.74	15.61		May 17	109.00	7.68	1.97	1985
1986	4.00	3.52	3.20	3.39	30.80	50.10	75.20	22.60	16.50	21.50	10.20	5.85	20.72		Jul 03	359.00	12.84	3.10	1986
1987	3.96	3.24	2.91	3.76	41.50	52.90	26.20	30.30	21.10	13.60	5.94	4.26	17.55		Jun 22	234.00	15.03	2.78	1987
1988	3.02	2.56	2.28	6.05	64.60	61.60	72.60	8.89	11.00	7.34	5.64	4.74	20.96		Jul 13	368.00	6.43	2.20	1988
1989	3.04	2.01	1.91	12.50	54.30	18.70	10.80	10.30	7.85	6.83	3.44	2.59	11.27		May 06	99.11	6.84	1.67	1989
1990	1.94	1.88	2.16	3.71	62.20	54.10	21.20	21.70	8.46	5.05	3.19	2.80	15.79		Jun 01	329.00	6.13	1.84	1990
1991	2.37	2.57	2.00	6.22	123.00	18.00	20.90	10.10	25.50	25.90	10.90	4.82	21.24		May 14	292.00	6.55	1.78	1991
1992	2.86	0.96	1.18	8.22	65.40	76.30	19.40	16.10	11.70	11.40	5.96	3.87	18.63		Aug 07	318.00	1.02	0.67	1992
1993	3.04	2.22	2.00	14.40	64.20	24.10	22.00	11.60	8.63	10.60	7.80	4.23	14.68		May 07	111.00	6.50	1.86	1993
1994	2.83	2.28	2.39	6.57	66.90	34.30	28.60	32.00	24.30	15.40	8.53	7.76	19.47		Aug 01	120.00	13.46	2.24	1994
1995	4.65	2.60	2.39															2.33	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	2.86	2.22	2.14	6.30	57.11	42.39	29.93	16.54	15.72	11.84	6.21	4.30	16.54	16.54		215.26	8.02	1.94	m^3/s
S. D.	0.94	0.71	0.53	3.83	24.99	18.18	21.30	8.23	8.39	6.44	2.68	1.63	3.88			111.96	3.95	0.64	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.86	2.22	2.14	6.30	57.11	42.39	29.93	16.54	15.72	11.84	6.21	4.30	16.54	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	3	3	9	87	62	46	25	23	18	9	7	297	mm	10-Year	384.3	2.762	1.078	m^3/s









RABBIT RIVER NEAR THE MOUTH 10BE012

Station Longitude Latitude: -127.097911 59.610324

Monthly and Annual Discharge in m^3/s | Drainage Area = 3718.10 km^2 | Median Elevation = 1305 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983	3.73	3.73	4.72					38.80	35.80	30.10	16.40	9.59					30.10	3.34	1983
1984	6.39	6.25	7.17	10.10	27.40	145.00	118.00	105.00	53.60	28.40	15.80	10.90	44.58		Jun 25	384.00	30.39	5.64	1984
1985	8.66	7.72	6.73	6.85	45.10	96.60	135.00	69.80	139.00	66.30	31.30	21.90	53.11		Jul 07	361.00	57.09	6.31	1985
1986	13.80	9.74	8.04	8.17	19.40	90.70	173.00	69.10	33.60	64.10	27.70	17.40	44.90		Jul 03	325.77	30.29	7.41	1986
1987	12.90	11.80	10.10	10.50	91.30	127.00	106.00	69.90	43.50	39.60	19.60	12.70	46.48		Jun 22	208.00	30.19	9.76	1987
1988	10.30	9.23	8.41	11.00	59.10	118.00	148.00	90.10	58.10	44.20	22.40	14.70	49.65		Jul 14	403.00	51.41	8.07	1988
1989	10.40	9.59	9.54	20.00	67.60	80.90	52.50	45.60	30.70	25.70	14.00	10.50	31.54		Jun 05	112.00	26.09	9.11	1989
1990	7.90	6.88	7.27	9.06	57.30	107.00	57.30	29.50	25.40	17.60	8.36	5.79	28.36		Jun 01	217.00	22.23	5.28	1990
1991	5.18	5.31	5.50	12.30	86.00	88.00	64.20	35.00	56.30	61.80	20.20	15.80	38.17		May 14	124.00	23.19	4.56	1991
1992	8.20	4.10	5.57	14.70	41.80	130.00	53.90	52.40	26.40	28.40	13.60	8.03	32.26		Jun 15	222.00	23.36	3.67	1992
1993	6.63	7.72	7.44	11.60	63.20	78.50	66.80	45.60	30.20	27.60	18.00	8.98	31.18		May 31	134.00	28.40	6.06	1993
1994	6.99	6.91	7.18	15.20	64.10	93.30	114.00	51.20	61.60	37.60	16.70	11.90	40.77		Jul 10	287.00	43.27	6.73	1994
1995	9.15	7.12	7.39															6.56	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
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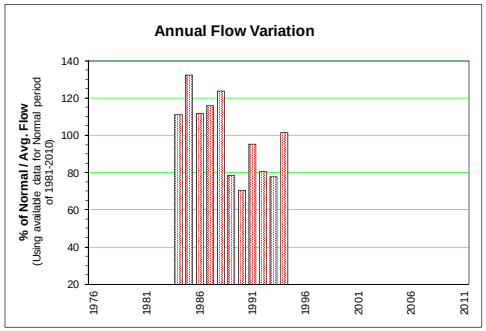
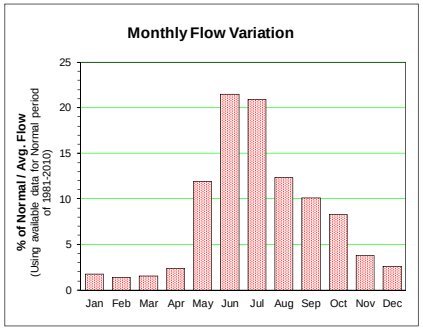
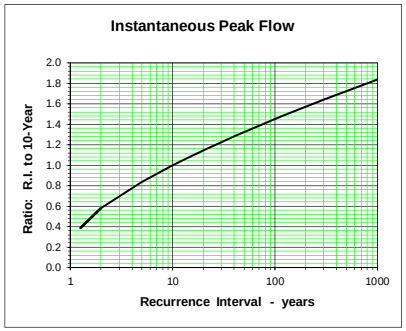
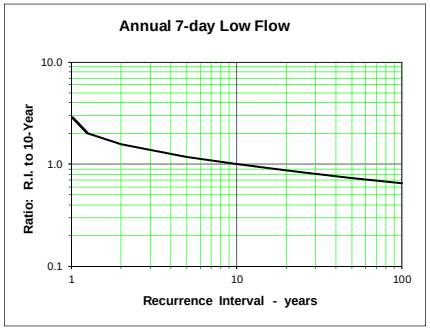
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	8.48	7.39	7.31	11.77	56.57	105.00	98.97	58.50	49.52	39.28	18.67	12.35	40.09	40.10		252.52	33.00	6.35	m^3/s
S. D.	2.88	2.31	1.53	3.71	22.10	22.06	42.42	22.83	31.06	16.49	6.25	4.48	8.37			106.18	11.40	1.93	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8.48	7.39	7.31	11.77	56.57	105.00	98.97	58.50	49.52	39.28	18.67	12.35	40.09	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	5	5	8	41	73	71	42	35	28	13	9	340	mm	10-Year	408.3	22.135	3.962	m^3/s







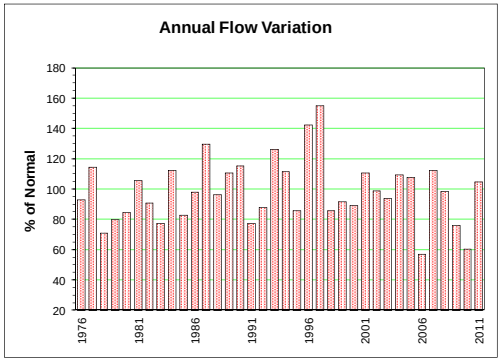


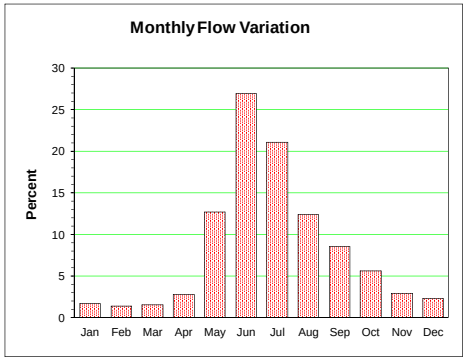
SIKANNI CHIEF RIVER NEAR FORT NELSON 10CB001

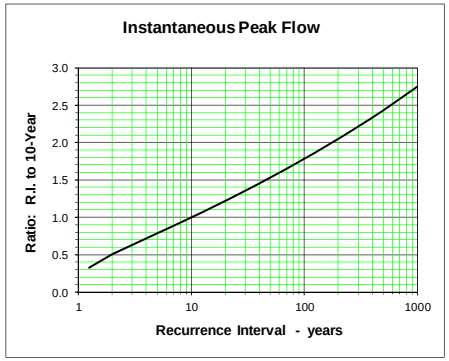
Station Longitude Latitude: -122.694139 57.235762

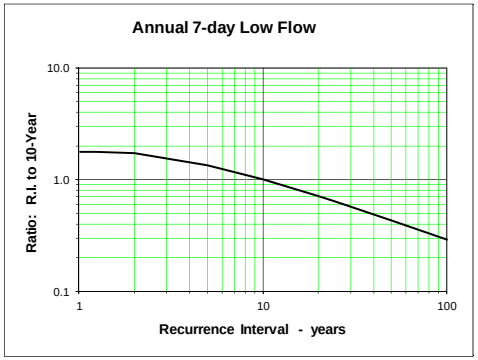
Monthly and Annual Discharge in m^3/s | Drainage Area = 2181.30 km^2 | Median Elevation = 1420 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	3.95	3.61	3.39	4.39	28.70	62.30	49.10	77.50	27.90	14.70	10.80	7.67	24.6		Aug 04	166.7	20.60	3.23	1976
1977	5.84	5.03	4.98	10.60	36.40	92.50	80.00	51.50	33.30	21.40	11.80	7.59	30.2		Jun 10	289.1	27.51	4.81	1977
1978	6.10	5.67	5.52	19.10	32.00	61.70	26.10	20.60	21.20	13.20	8.60	5.54	18.8		Jun 04	115.7	14.57	4.52	1978
1979	3.36	3.27	3.85	4.63	13.90	51.60	84.90	26.70	33.90	14.70	7.00	3.74	21.1		Jul 03	289.0	20.63	2.57	1979
1980	2.79	3.25	3.34	14.40	27.70	57.70	58.60	28.00	27.00	25.10	12.00	7.32	22.3		Jun 19	178.0	20.86	2.66	1980
1981	5.59	4.22	4.49	6.13	80.40	72.70	59.10	33.10	34.70	13.60	11.10	7.79	27.9		May 28	240.4	16.70	4.01	1981
1982	5.20	4.49	4.27	6.38	48.50	85.60	48.70	33.90	20.60	13.30	8.72	6.89	24.0		May 18	201.0	16.17	3.92	1982
1983	5.17	4.67	3.95	6.88	22.90	64.10	68.50	27.10	17.00	12.30	6.43	4.31	20.4		Jul 03	152.0	13.99	3.71	1983
1984	3.54	3.78	4.19	5.63	27.20	128.00	67.10	46.00	33.30	21.80	8.99	6.54	29.7		Jun 12	253.0	23.70	3.42	1984
1985	4.85	4.26	3.99	6.92	23.70	59.50	54.70	21.30	45.60	20.20	9.85	7.17	21.9		Jun 23	186.0	16.60	3.70	1985
1986	5.71	5.00	4.50	6.43	28.80	54.40	96.30	38.50	20.30	29.50	10.30	8.04	25.8		Jul 15	433.0	15.07	4.33	1986
1987	6.24	5.57	4.95	7.02	38.70	85.70	68.40	97.60	43.00	28.50	14.20	8.25	34.2		Aug 01	249.0	30.67	4.76	1987
1988	5.06	4.74	4.96	14.70	62.40	76.10	57.00	30.50	16.70	14.30	9.95	8.43	25.5		May 14	174.0	14.29	4.40	1988
1989	5.54	4.64	3.67	11.00	53.30	81.20	51.50	71.30	28.20	20.30	10.90	6.94	29.2		Aug 10	205.0	23.57	3.53	1989
1990	5.26	5.19	5.79	7.71	63.60	123.00	82.10	32.90	16.20	8.61	7.21	6.80	30.5		May 31	627.0	11.34	4.99	1990
1991	5.04	4.46	4.48	6.69	38.00	54.70	58.90	18.40	21.20	16.10	8.90	7.22	20.4		Jul 06	125.0	15.54	4.31	1991
1992	5.76	5.64	8.84	11.20	32.40	102.00	49.50	19.60	14.50	18.40	7.28	4.09	23.2		Jun 10	184.0	10.79	2.84	1992
1993	2.92	4.76	4.80	8.71	39.70	90.20	97.00	78.20	33.40	18.10	11.20	8.64	33.3		Jun 28	210.0	23.26	2.46	1993
1994	6.60	5.58	5.78	11.10	47.40	80.60	81.20	48.70	30.80	18.00	8.62	7.74	29.5		Jul 03	261.0	24.71	5.38	1994
1995	5.28	4.23	4.00	5.61	40.80	55.80	60.40	41.70	24.50	13.40	8.67	6.41	22.7		Jun 08	124.0	18.24	3.92	1995
1996	5.78	5.50	5.68	14.70	26.10	86.00	141.00	66.80	47.90	25.90	15.50	8.92	37.6		Jul 19	493.0	38.57	5.10	1996
1997	6.57	5.94	5.09	8.70	50.50	153.00	84.70	52.20	63.20	33.80	15.10	11.00	40.9		Jun 21	336.0	32.33	4.82	1997
1998	6.11	6.28	4.62	23.90	76.10	52.90	35.40	21.70	13.80	14.60	8.37	6.61	22.6		May 25	138.0	12.23	4.31	1998
1999	5.31	4.33	4.01	10.40	29.60	107.00	61.00	27.80	17.00	11.50	6.91	5.55	24.2		Jun 16	240.0	13.50	3.87	1999
2000	4.25	4.10	4.07	6.09	13.20	85.90	67.90	39.70	33.20	12.40	6.46	5.29	23.6		Jun 09	217.0	19.03	3.79	2000
2001	5.23	4.07	4.12	5.55	18.80	156.00	82.40	36.90	18.30	9.57	4.80	4.67	29.2		Jun 11	603.0	16.03	3.83	2001
2002	4.77	4.39	4.32	6.82	36.20	114.00	60.30	26.70	23.10	15.30	9.50	7.29	26.1		Jun 11	191.0	18.41	4.19	2002
2003	5.67	5.16	5.43	7.26	32.50	67.20	83.50	35.10	19.70	16.10	10.10	8.06	24.8		Jul 01	266.0	18.57	4.83	2003
2004	5.96	5.50	5.17	7.24	28.10	63.70	75.80	37.00	58.40	32.00	16.30	11.20	28.9		Jul 03	205.0	24.77	5.00	2004
2005	7.13	5.49	5.15	17.20	61.40	93.10	49.30	38.00	28.70	15.80	10.60	8.61	28.5		Jun 11	138.0	23.44	4.99	2005
2006	5.59	5.46	4.72	7.76	31.80	49.30	29.50	16.20	10.30	9.44	5.37	5.03	15.1		Jun 16	74.8	9.41	4.29	2006
2007	4.52	4.23	4.10	5.93	30.50	133.00	72.60	38.60	27.50	16.70	9.72	7.70	29.6		Jun 06	261.0	20.30	4.02	2007
2008	6.66	4.47	3.98	10.30	56.30	99.10	50.30	34.60	20.50	12.90	6.89	5.48	26.0		Jun 14	300.0	15.67	3.87	2008
2009	4.66	4.37	4.00	6.03	23.10	72.20	48.20	27.90	22.00	12.50	8.51	6.47	20.0		Jun 05	105.0	17.61	3.87	2009
2010	5.09	4.26	4.02	7.94	25.30	45.90	27.20	17.30	18.50	21.20	8.39	6.53	16.0		May 20	65.1	13.80	3.91	2010
2011	6.19	5.33	4.48	4.60	51.20	104.00	76.10	29.00	21.20	15.40	6.91	5.93	27.6		Jun 25	367.0	18.83	4.19	2011
Avg.	5.26	4.75	4.63	9.05	38.3	83.9	65.12	38.57	27.41	17.52	9.50	6.99	26.00	26.30		240.6	19.20	4.07	m^3/s
S. D.	1.02	0.74	0.97	4.41	16.42	28.93	22.32	18.98	12.10	6.31	2.73	1.68	5.52			130.12	6.29	0.73	m^3/s
Normal	5.37	4.83	4.70	8.93	39.58	86.40	65.65	38.51	27.40	17.54	9.49	7.12	26.38	m^3/s					
Normal	7	5	6	11	49	103	81	47	33	22	11	9	382	mm	10-Year	406.01	11.40	2.53	m^3/s









Zone 4 Northern Interior Plains

LIARD RIVER ABOVE BEAVER RIVER 10BE005

Station Longitude Latitude: -124.474643 59.743805

Monthly and Annual Discharge in m^3/s | Drainage Area = 117873.81 km^2 | Median Elevation = 1149 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	335.00	302.00	270.00	333.00	2210.00	4520.00	4550.00	2440.00	1680.00	1080.00	588.00	399.00	1563.37		Jul 03	6340.00	1371.43	261.43	1976
1977	380.00	376.00	329.00	459.00	2130.00	4980.00	3530.00	2170.00	1430.00	1040.00	447.00	349.00	1473.36		Jun 05	5860.00	1272.86	318.71	1977
1978	288.00	268.00	250.00	267.00	1030.00	2520.00	1810.00	1560.00	1360.00	1270.00	738.00	493.00	991.19		Jun 10	3200.00	1101.43	244.14	1978
1979	357.00	315.00	308.00	281.00	1870.00	5110.00	4630.00	1870.00	1340.00	1040.00	534.00	390.00	1510.10		Jul 03	7500.00	1147.14	261.57	1979
1980	350.00	368.00	362.00	416.00	1870.00	3500.00	3070.00	2420.00	1920.00	2300.00	1100.00	504.00	1518.87		Jun 11	4800.00	1780.00	330.14	1980
1981	403.00	354.00	318.00	314.00	3130.00	4560.00	2450.00	1310.00	1530.00	1190.00	885.00	534.00	1419.09		May 30	8141.57	1038.57	289.14	1981
1982	348.00	249.00	231.00	234.00	1430.00	4550.00	2290.00	1380.00	1270.00	902.00	522.00	384.00	1151.14		Jun 14	6340.00	951.14	219.57	1982
1983	302.00	231.00	242.00	262.00	1390.00	4280.00	2250.00	1510.00	1370.00	951.00	545.00	309.00	1139.05		Jun 03	6520.00	1255.71	226.14	1983
1984	235.00	234.00	260.00	329.00	1430.00	4390.00	3150.00	2100.00	1610.00	922.00	559.00	382.00	1301.30		Jun 12	5970.00	1197.14	222.00	1984
1985	250.00	235.00	232.00	260.00	1550.00	4710.00	4130.00	1850.00	1940.00	1290.00	561.00	393.00	1455.49		Jun 07	7410.00	1588.57	228.14	1985
1986	334.00	288.00	278.00	324.00	1570.00	4630.00	4580.00	1960.00	1400.00	2160.00	1110.00	724.00	1621.29		Jul 04	7460.00	1234.29	270.14	1986
1987	485.00	403.00	374.00	399.00	1940.00	5010.00	3930.00	2330.00	2080.00	1820.00	861.00	667.00	1697.84		Jun 03	6590.00	1844.29	370.29	1987
1988	522.00	420.00	361.00	405.00	3270.00	5390.00	5240.00	2660.00	1720.00	1320.00	693.00	561.00	1886.27		Jul 16	8390.00	1501.43	347.00	1988
1989	527.00	407.00	301.00	1260.00	3230.00	4620.00	2640.00	1450.00	896.00	845.00	671.00	590.00	1457.20		Jun 04	7195.83	751.00	284.86	1989
1990	361.00	274.00	289.00	387.00	2330.00	5750.00	2820.00	1400.00	1120.00	846.00	416.00	387.00	1367.90		Jun 04	8970.00	1080.00	265.43	1990
1991	337.00	331.00	285.00	493.00	2640.00	3960.00	3110.00	1980.00	2290.00	1780.00	677.00	556.00	1543.00		Jun 10	4450.00	1715.71	273.43	1991
1992	445.00	387.00	392.00	522.00	1750.00	6560.00	3320.00	1670.00	1210.00	1100.00	550.00	473.00	1530.42		Jun 18	8730.00	1115.71	338.43	1992
1993	333.00	320.00	301.00	482.00	2790.00	4120.00	2630.00	1550.00	1100.00	1190.00	749.00	476.00	1342.08		May 31	5660.00	1043.71	283.86	1993
1994	395.00	373.00	293.00	541.00	2460.00	4400.00	3340.00	1800.00	1780.00	1600.00	637.00	438.00	1510.38		Jun 12	5700.00	1375.71	253.57	1994
1995	362.00	317.00	347.00															294.71	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
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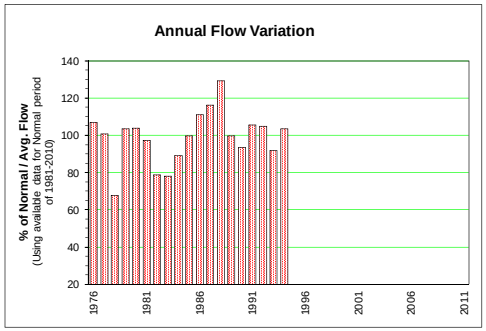
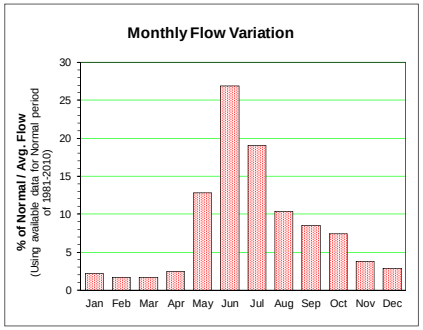
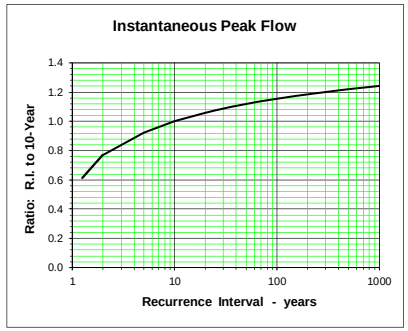
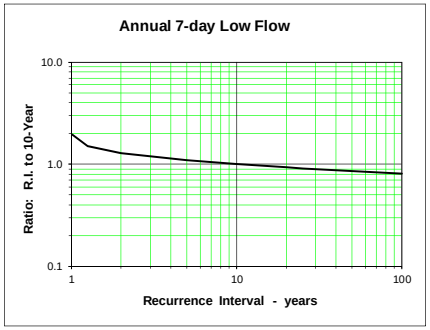
2010																			2010
2011																			2011
Avg.	367.45	322.60	301.15	419.37	2106.32	4608.42	3340.53	1863.68	1528.74	1297.16	675.95	474.16	1446.28	1416.19		6590.92	1282.41	279.14	m^3/s
S. D.	78.95	61.61	47.87	224.51	668.88	841.50	946.76	404.82	362.88	435.61	195.60	110.53	205.40			1499.92	293.27	43.54	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	375.93	321.53	300.27	443.71	2207.86	4780.71	3277.14	1782.14	1522.57	1279.71	674.00	491.00	1458.75	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9	7	7	10	50	105	74	40	33	29	15	11	391	mm	10-Year	8738.8	962.744	202.434	m^3/s







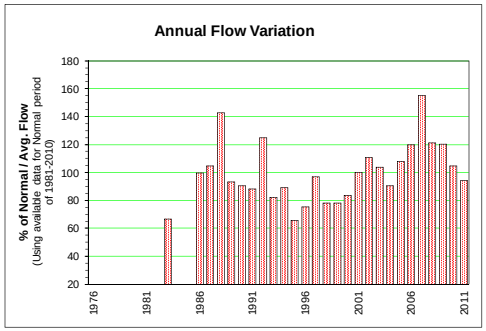


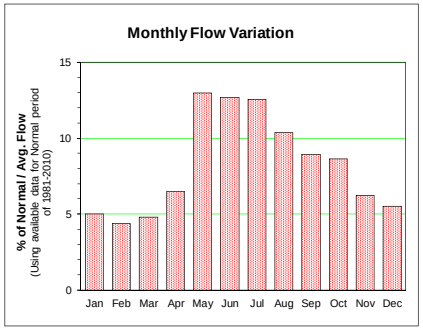
SMITH RIVER ABOVE SMITH FALLS 10BE013

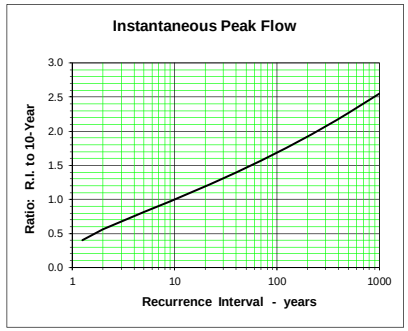
Station Longitude Latitude: -126.480421 59.552348

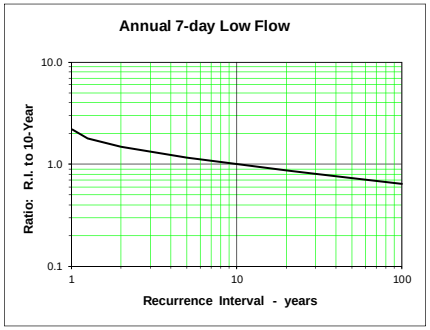
Monthly and Annual Discharge in m^3/s | Drainage Area = 3874.08 km^2 | Median Elevation = 864 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983	14.60	12.10	11.60	16.80	26.20	26.60	20.60	19.60	17.90	17.90	14.50	12.30	17.59		May 26	32.30	17.64	11.37	1983
1984	11.80	13.60	15.00	18.40	19.50						15.00	13.50					17.71	11.50	1984
1985	13.10	11.70	11.00	10.70	32.60			21.00	24.90	24.90	13.40	6.51					20.09	6.21	1985
1986	7.58	8.54	12.30	23.70	35.10	38.50	49.40	36.60	31.40	30.60	23.20	17.20	26.29		Jul 05	62.90	29.31	6.84	1986
1987	15.70	18.00	16.00	17.70	37.20	53.10	43.60	35.90	28.10	28.90	19.20	17.40	27.62		Jun 24	79.20	24.71	14.73	1987
1988	18.30	19.70	18.50	20.50	51.20	59.90	85.20	55.30	38.80	34.20	24.40	23.90	37.61		Jul 15	130.00	37.16	17.31	1988
1989	23.60	19.90	18.70	25.40	41.50	30.50	27.90	26.60	22.10	22.20	19.30	17.90	24.68		May 12	50.30	21.10	16.93	1989
1990	14.40	13.80	15.20	20.90	35.80	42.30	36.40	26.50	23.60	22.00	18.10	16.90	23.88		Jun 04	48.80	22.30	13.29	1990
1991	15.00	15.00	14.70	18.30	38.70	31.40	27.10	22.10	25.30	27.80	24.70	19.40	23.34		May 15	54.80	20.03	13.67	1991
1992	18.50	16.60	17.40	22.00	54.10	70.90	41.80	45.00	36.60	30.70	22.40	18.70	32.93		Jun 10	87.80	35.47	14.44	1992
1993	14.70	15.80	14.00	24.10	32.60	26.90	27.10	25.60	23.30	23.20	18.60	14.70	21.75		Apr 22	37.00	21.04	13.19	1993
1994	11.60	10.50	10.80	21.10	33.70	32.70	29.90	29.20	32.40	30.00	20.80	19.40	23.58		Jun 11	42.80	24.53	9.98	1994
1995	15.10	12.60	11.70	19.40	24.50	20.40	19.40	21.20	19.10	18.60	13.30	12.90	17.38		Apr 29	30.60	16.90	11.27	1995
1996	11.40	11.80	13.20	18.70	28.30	27.40	24.30	22.80	24.30	22.00	18.70	16.30	19.95		May 31	35.00	21.24	10.47	1996
1997	14.10	12.80	10.50	16.60	42.30	36.10	39.70	41.30	29.50	24.00	19.60	18.80	25.55		May 18	55.10	26.76	9.83	1997
1998	15.10	15.20	14.80	21.60	37.00	29.90	25.70	19.60	18.60	19.70	17.00	13.30	20.66		May 16	52.70	17.79	11.64	1998
1999	11.30	10.80	10.60	19.70	33.10	35.50	30.70	24.80	21.60	19.80	16.10	13.10	20.64		Jun 23	43.40	20.46	10.41	1999
2000	11.80	11.60	11.70	13.40	28.00	26.10	27.60	38.50	32.50	27.00	19.90	16.60	22.11		Jul 31	51.20	23.54	11.46	2000
2001	15.20	13.80	13.40	17.00	33.20	54.00	43.30	31.40	28.20	26.10	21.10	19.80	26.44		Jun 04	112.00	26.41	13.13	2001
2002	18.90	18.40	19.10	18.40	41.80	40.50	45.70	40.20	34.40	32.00	22.00	18.50	29.25		Jul 16	63.40	31.21	17.21	2002
2003	16.20	15.50	16.30	27.90	37.30	32.90	45.50	35.20	31.30	28.50	21.50	19.30	27.37		Apr 27	70.30	29.11	15.20	2003
2004	16.20	15.00	15.20	26.40	41.90	35.90	28.30	24.80	26.20	25.20	17.70	14.20	23.94		May 03	67.60	22.87	13.27	2004
2005	12.50	13.00	12.40	23.80	61.10	54.70	38.70	29.20	28.70	27.50	23.00	16.00	28.46		May 22	109.00	25.60	12.00	2005
2006	16.90	18.10	19.10	24.90	82.00	62.90	33.50	29.20	27.00	24.80	19.40	19.90	31.56		Jun 18	139.00	25.87	14.16	2006
2007	19.70	18.90	18.30	22.30	57.50	47.50	96.80	70.40	43.70	40.10	28.40	25.10	40.96		Jul 05	127.00	39.81	17.79	2007
2008	25.80	22.60	23.50	23.30	47.90	52.70	50.00	35.30	33.50	28.20	21.70	19.00	32.00		Jun 25	93.17	32.30	18.70	2008
2009	19.50	19.40	18.20	19.60	50.90	55.60	40.60	33.00	40.60	35.40	26.00	21.30	31.73		Jun 02	69.41	27.43	18.10	2009
2010	17.80	15.00	15.20	31.80	44.60	34.20	35.10	29.60	32.50	33.00	23.50	19.10	27.69		May 04	58.52	26.94	14.37	2010
2011	18.20	17.80	17.30	20.40	44.90	33.90	28.30	26.00	29.70	25.10	17.50	18.90	24.89		May 18	54.20	23.96	16.76	2011
Avg.	15.68	15.09	15.02	20.86	40.50	40.48	38.60	32.00	28.78	26.76	20.00	17.24	26.29	26.30		68.80	25.15	13.28	m^3/s
S. D.	3.82	3.38	3.24	4.31	12.70	13.16	17.46	11.28	6.55	5.34	3.71	3.73	5.63			30.98	5.90	3.21	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	15.59	14.99	14.94	20.87	40.34	40.73	39.00	32.22	28.74	26.83	20.09	17.18	26.34	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	11	9	10	14	28	27	27	22	19	19	13	12	215	mm	10-Year	110.0	18.520	8.998	m^3/s







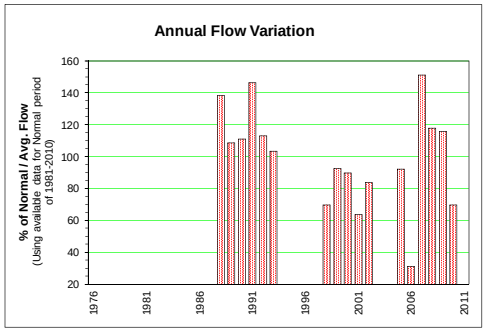


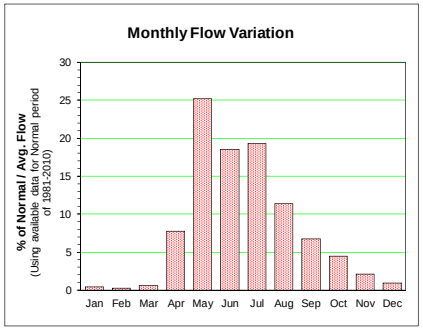
FONTAS RIVER NEAR THE MOUTH 10CA001

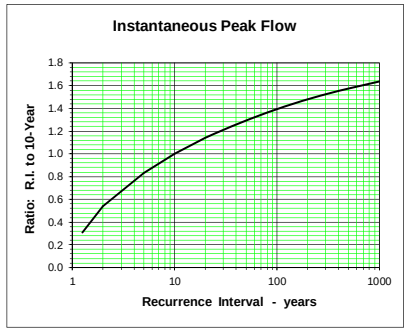
Station Longitude Latitude: -121.463900 58.270830

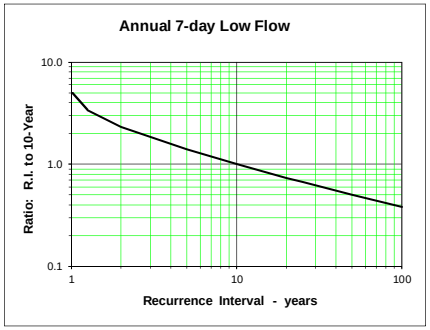
Monthly and Annual Discharge in m^3/s | Drainage Area = 7514.18 km^2 | Median Elevation = 598 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984																			1984
1985																			1985
1986																			1986
1987																			1987
1988	1.57	1.08	1.07	16.30	136.00	104.00	149.00	51.70	16.60	11.20	9.09	8.79	42.49		Jul 16	421.00	13.443	1.036	1988
1989	2.92	1.46	1.23	27.20	197.00	53.10	15.20	18.50	38.50	26.10	10.50	6.23	33.43		May 26	297.00	11.843	1.173	1989
1990	2.42	1.95	5.88	73.70	136.00	117.00	53.30	6.87	3.09	3.60	2.48	1.88	34.11		Jun 03	332.00	2.111	1.234	1990
1991	0.83	0.79	1.08	47.10	73.70	182.00	175.00	27.30	15.30	9.45	3.95	1.32	44.99		Jun 19	479.00	12.829	0.596	1991
1992	1.45	1.78	21.20	57.20	116.00	103.00	19.70	8.47	26.80	44.60	14.00	2.43	34.73		May 05	286.00	5.477	0.681	1992
1993	0.56	0.32	0.91	12.00	9.70	27.20	43.70	195.00	51.00	22.30	10.70	4.38	31.81		Aug 14	498.00	5.723	0.275	1993
1994																			1994
1995																			1995
1996																			1996
1997																			1997
1998	1.38	1.20	1.20	14.20	30.40	24.80	143.00	22.30	3.93	5.63	3.61	1.80	21.39		Jul 17	680.45	3.010	1.130	1998
1999	1.18	0.99	0.89	33.10	53.80	101.00	54.60	44.00	25.20	15.00	6.78	4.21	28.48		Jun 11	406.16	22.786	0.854	1999
2000	2.13	1.79	2.37	19.40	78.90	73.90	38.50	40.70	46.90	18.20	6.19	1.64	27.59		May 30	146.00	11.279	1.474	2000
2001	1.71	1.37	1.33	7.39	25.10	79.20	60.10	35.90	9.03	6.33	4.12	2.29	19.58		Jul 24	233.00	7.410	1.229	2001
2002	1.75	1.27	0.94	2.59	83.30	39.00	32.80	97.80	18.10	15.30	9.39	3.77	25.79		Aug 04	327.00	13.157	0.875	2002
2003	1.08	0.63	0.65	65.60								2.48			Apr 26	295.39		0.455	2003
2004	1.19	1.12	1.10	14.00	44.90	29.30	20.50	38.00							Aug 02	81.23	11.779	1.063	2004
2005	1.57	1.25	1.21	73.80	96.60	47.60	30.00	31.50	20.90	18.10	9.90	6.67	28.37		Apr 26	237.00	19.214	1.161	2005
2006	0.59	0.53	0.39	0.49	29.50	16.80	26.20	29.60	3.87	2.85	1.52	1.10	9.57		Aug 07	78.10	2.279	0.301	2006
2007	0.86	0.51	0.32	31.60	162.00	49.00	188.00	34.70	31.10	30.20	17.80	5.08	46.45		Jul 06	565.00	18.914	0.277	2007
2008	2.36	1.67	1.57	10.20	155.00	131.00	97.00	18.80	5.34	4.43	2.74	1.91	36.17		Jun 16	326.00	4.163	1.480	2008
2009	1.48	1.21	1.02	8.23	154.00	50.60	74.60	13.00	70.90	29.00	15.70	4.41	35.62		May 07	279.00	7.873	0.959	2009
2010	1.97	1.46	1.31	37.30	60.70	19.50	35.70	27.70	45.90	14.80	6.68	3.65	21.49		Apr 25	117.00	8.653	1.300	2010
2011																			2011
Avg.	1.53	1.18	2.40	29.02	91.26	69.33	69.83	41.21	25.44	16.30	7.95	3.56	30.71	30.72		320.23	10.11	0.92	m^3/s
S. D.	0.64	0.47	4.70	23.93	55.51	45.54	56.17	43.44	19.62	11.37	4.80	2.11	9.58			161.63	6.05	0.39	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.53	1.18	2.40	29.02	91.26	69.33	69.83	41.21	25.44	16.30	7.95	3.56	30.71	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1	0	1	10	33	24	25	15	9	6	3	1	129	mm	10-Year	558.2	3.162	0.387	m^3/s







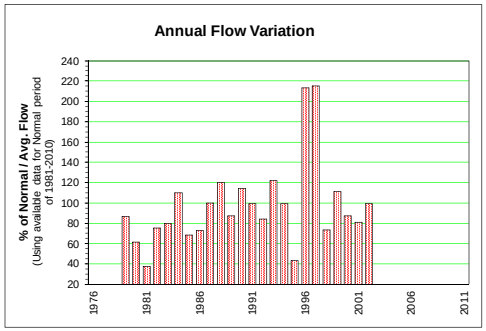


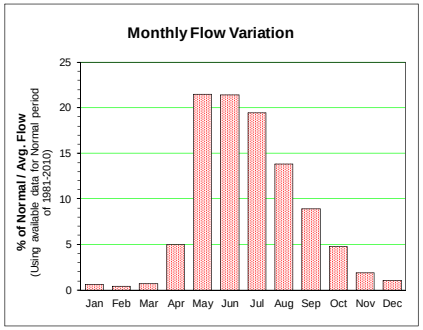
FORT NELSON RIVER ABOVE MUSKWA RIVER 10CC002

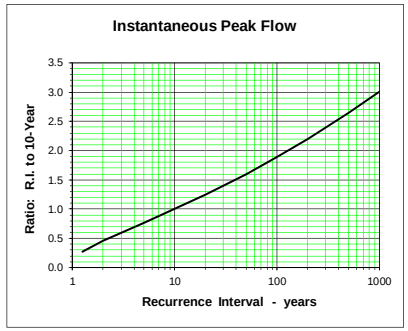
Station Longitude Latitude: -122.637714 58.670418

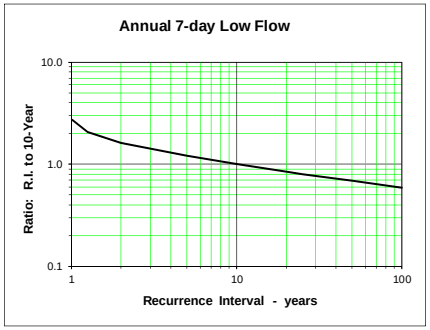
Monthly and Annual Discharge in m^3/s | Drainage Area = 22632.15 km^2 | Median Elevation = 670 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978										66.80	36.80	19.00							1978
1979	6.60	3.63	4.39	78.00	297.00	367.00	392.00	101.00	144.00	50.60	15.20	4.61	122.66		Jul 04	1330.00	77.40	3.54	1979
1980	3.71	4.09	4.05	20.90	65.20	213.00	301.00	126.00	142.00	107.00	36.80	14.60	86.80		Jun 20	676.00	71.59	3.54	1980
1981	9.77	6.11	6.02	7.79	131.00	193.00	105.00	51.70	57.10	37.70	23.90	12.10	53.63		May 26	349.98	25.21	5.69	1981
1982	7.15	5.67	5.52	19.70	716.00	220.00	94.30	79.50	53.50	31.20	15.60	12.30	106.16		May 19	1605.42	41.39	4.93	1982
1983	7.12	5.66	5.66	165.00	389.00	315.00	209.00	123.00	63.30	36.90	15.80	8.21	112.54		Jun 21	773.00	49.67	5.41	1983
1984	6.14	6.31	7.01	50.10	378.00	587.00	335.00	171.00	192.00	87.00	22.50	14.80	154.91		Jun 08	1700.00	111.00	5.78	1984
1985	10.10	7.71	8.53	50.30	149.00	166.00	115.00	79.90	352.00	151.00	46.10	21.10	96.50		Sep 16	873.00	58.14	7.33	1985
1986	12.30	9.18	9.39	12.10	320.00	127.00	379.00	157.00	57.10	84.50	36.40	18.10	103.08		Nov 30	1284.34	40.80	8.64	1986
1987	11.10	8.04	7.14	87.40	236.00	317.00	140.00	653.00	111.00	58.10	30.70	18.00	140.91		Aug 04	3040.00	40.89	6.63	1987
1988	11.10	7.62	7.75	67.20	640.00	410.00	563.00	144.00	59.70	42.50	32.70	31.60	169.26		May 16	1780.00	50.66	7.24	1988
1989	15.00	9.94	7.52	81.40	468.00	208.00	146.00	189.00	150.00	122.00	46.60	28.80	123.63		Nov 30	1252.23	95.21	7.18	1989
1990	12.30	9.97	21.20	220.00	602.00	613.00	325.00	50.60	29.00	21.30	12.90	10.50	161.25		Jun 02	1870.00	22.74	8.01	1990
1991	7.67	7.40	8.13	131.00	237.00	489.00	505.00	110.00	95.20	40.90	21.90	16.60	139.74		Jun 17	1140.00	56.49	6.83	1991
1992	12.90	13.40	86.00	185.00	318.00	451.00	120.00	44.30	53.40	95.60	39.50	12.70	119.21		Jun 11	1470.00	36.56	6.09	1992
1993	5.80	5.43	3.44	40.50	79.80	348.00	311.00	782.00	301.00	97.00	50.10	21.10	171.63		Aug 11	1810.00	111.86	2.60	1993
1994	14.00	10.10	11.20	271.00	586.00	237.00	348.00	95.70	44.40	32.20	12.40	10.20	140.39		Jul 04	1230.00	40.59	8.60	1994
1995	6.86	6.30	5.87	22.60	99.80	144.00	163.00	144.00	61.70	36.10	21.00	14.40	60.89		Nov 30	449.52	48.50	5.77	1995
1996	9.84	8.24	8.67	88.10	405.00	422.00	1300.00	525.00	589.00	139.00	59.30	29.70	300.34		Jul 20	5520.00	219.43	6.14	1996
1997	18.20	16.00	13.10	189.00	698.00	689.00	444.00	641.00	498.00	300.00	78.40	28.40	302.75		Aug 09	1470.00	366.14	12.34	1997
1998	12.50	10.50	10.80	97.90	221.00	175.00	397.00	172.00	44.00	51.30	29.10	14.10	103.87		Jul 15	1240.00	38.54	10.09	1998
1999	9.16	7.92	7.08	75.40	392.00	616.00	276.00	238.00	136.00	74.60	27.90	16.80	157.00		Jun 11	1310.00	104.29	6.90	1999
2000	8.39	7.24	9.56	49.90	258.00	367.00	212.00	179.00	240.00	89.60	36.60	15.30	122.79		Jun 12	868.00	89.96	6.66	2000
2001	12.40	7.55	7.47	22.90	147.00	621.00	274.00	115.00	66.60	48.00	29.40	18.90	114.29		Jun 13	1600.00	58.81	6.73	2001
2002	12.10	8.86	6.86	8.66	366.00	370.00	354.00	298.00	105.00	74.20	37.40	20.90	139.65		Jun 09	814.00	80.04	6.47	2002
2003	10.10	8.45	10.10	33.00								15.30			May 01	385.30		7.80	2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	10.09	8.05	11.30	82.99	341.62	361.04	325.35	219.57	151.88	79.00	32.60	17.24	137.66	137.75		1433.63	80.66	6.68	m^3/s
S. D.	3.32	2.71	15.96	71.96	195.59	171.06	244.96	208.63	147.06	57.78	15.51	6.68	58.92			1028.32	73.58	2.04	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10.52	8.42	11.91	85.91	356.21	367.50	323.42	229.21	152.68	79.58	33.01	17.82	140.66	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1	1	1	10	42	42	38	27	17	9	4	2	196	mm	10-Year	2600.2	30.963	4.090	m^3/s







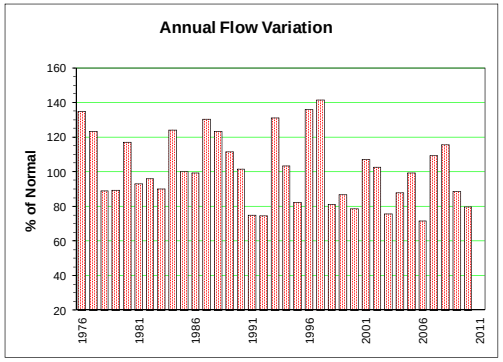


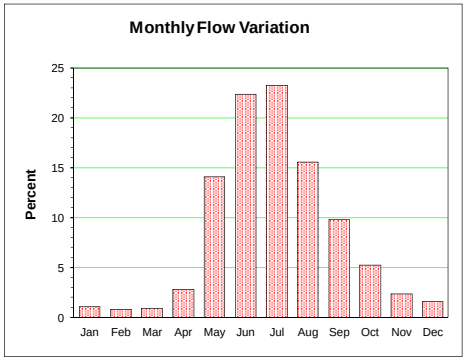
MUSKWA RIVER NEAR FORT NELSON 10CD001

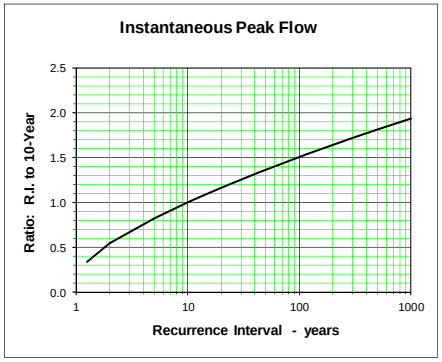
Station Longitude Latitude: -122.659200 58.788330

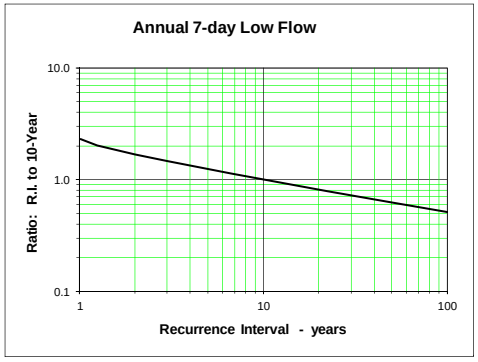
Monthly and Annual Discharge in m^3/s | Drainage Area = 20253.26 km^2 | Median Elevation = 984 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	20.6	17.7	17.1	76.4	155.0	756.0	909.0	906.0	329.0	162.0	63.7	32.9	288.4		Jul 13	2107	162.00	16.49	1976
1977	24.4	22.9	21.8	54.6	403.0	967.0	753.0	445.0	240.0	135.0	59.9	28.1	264.1		Jun 10	3400	197.86	20.81	1977
1978	21.1	18.6	16.6	82.7	321.0	466.0	266.0	337.0	525.0	128.0	62.6	33.2	190.2		Sep 02	2770	205.00	16.00	1978
1979	14.4	11.4	11.8	55.8	174.0	402.0	867.0	160.0	394.0	137.0	42.0	14.1	191.4		Jul 02	3280	117.43	11.20	1979
1980	11.4	14.2	14.4	58.2	160.0	784.0	895.0	378.0	324.0	259.0	69.6	32.0	250.6		Jul 24	3300	210.43	10.10	1980
1981	27.2	23.1	22.5	30.6	610.0	575.0	370.0	294.0	237.0	97.5	58.1	34.7	199.5		May 28	2085	133.86	20.96	1981
1982	22.9	19.0	18.3	37.7	762.0	560.0	376.0	309.0	183.0	86.5	38.7	31.6	205.2		May 19	2890	139.29	15.87	1982
1983	22.6	19.1	18.4	119.0	239.0	590.0	561.0	376.0	189.0	100.0	44.4	20.8	192.5		Jun 20	1940	135.29	17.34	1983
1984	15.9	15.8	17.8	75.6	439.0	937.0	634.0	462.0	346.0	139.0	59.6	37.7	265.3		Jun 07	2930	203.71	14.86	1984
1985	29.0	21.4	19.7	90.4	218.0	374.0	437.0	354.0	676.0	217.0	81.7	49.1	214.5		Sep 15	1990	203.29	18.30	1985
1986	33.4	24.3	22.3	25.7	365.0	361.0	839.0	264.0	185.0	265.0	89.3	51.3	212.5		Jul 15	2070	116.57	21.69	1986
1987	32.2	24.5	21.7	38.5	247.0	626.0	698.0	939.0	411.0	183.0	72.4	33.8	279.2		Jul 27	2860	271.43	20.06	1987
1988	21.6	18.7	19.7	84.6	749.0	693.0	928.0	296.0	149.0	93.3	57.9	41.3	264.2		Jul 13	2630	110.57	17.81	1988
1989	32.6	23.7	19.0	113.0	534.0	633.0	495.0	523.0	222.0	144.0	55.9	47.9	238.5		Aug 12	1490	184.14	18.16	1989
1990	27.1	21.6	34.2	113.0	514.0	832.0	568.0	239.0	143.0	51.4	26.4	28.3	217.4		Jun 01	3120	110.76	19.11	1990
1991	23.0	21.7	24.7	68.2	207.0	355.0	557.0	215.0	224.0	113.0	61.5	39.9	160.1		Jul 17	1150	177.14	20.36	1991
1992	33.5	23.0	26.8	127.0	243.0	614.0	365.0	210.0	106.0	105.0	37.1	21.7	159.4		Jun 11	1270	86.43	17.97	1992
1993	17.4	17.0	15.0	53.3	235.0	792.0	832.0	757.0	325.0	173.0	88.8	36.9	280.3		Jun 29	2240	215.71	14.19	1993
1994	29.0	26.4	25.9	146.0	344.0	537.0	756.0	386.0	196.0	114.0	43.9	34.8	221.4		Jul 03	2540	178.29	23.93	1994
1995	25.9	21.5	20.2	34.3	169.0	453.0	374.0	549.0	237.0	121.0	60.4	41.2	176.6		Aug 20	1820	171.14	19.81	1995
1996	31.7	27.6	26.3	63.6	344.0	526.0	1140.0	575.0	351.0	201.0	116.0	67.3	290.8		Jul 20	4170	265.71	24.99	1996
1997	39.6	34.6	28.1	35.3	242.0	906.0	609.0	753.0	549.0	261.0	99.6	58.6	302.5		Aug 08	2380	389.86	26.27	1997
1998	28.2	24.9	25.4	140.0	327.0	458.0	542.0	247.0	115.0	83.8	52.1	31.4	173.9		Jul 14	1730	90.57	24.27	1998
1999	23.0	20.4	18.6	97.3	366.0	671.0	445.0	289.0	145.0	71.2	40.3	28.1	185.3		Jun 20	1040	109.57	18.16	1999
2000	17.8	16.2	18.0	33.5	107.0	381.0	495.0	394.0	348.0	120.0	52.4	35.7	168.7		Aug 11	774	120.39	15.31	2000
2001	30.0	21.9	21.4	44.5	164.0	887.0	806.0	381.0	176.0	98.2	61.6	49.7	229.4		Jul 20	2920	148.71	19.93	2001
2002	33.5	23.3	19.8	23.8	364.0	633.0	777.0	385.0	173.0	96.6	50.7	36.3	219.6		Jul 04	1550	134.86	18.27	2002
2003	26.7	25.1	29.5	50.1	242.0	381.0	655.0	225.0	126.0	84.0	49.5	33.3	161.8		Jul 02	2170	96.43	23.91	2003
2004	21.7	20.1	18.5	24.4	216.0	486.0	547.0	284.0	338.0	162.0	73.4	57.1	187.8		Jul 04	895	215.43	18.17	2004
2005	35.0	27.4	24.9	152.0	357.0	599.0	389.0	457.0	262.0	119.0	77.0	45.4	212.9		Aug 02	1290	190.43	23.89	2005
2006	23.9	19.6	18.2	40.5	340.0	388.0	483.0	230.0	115.0	81.0	48.4	37.2	153.2		Jul 11	1090	84.50	17.97	2006
2007	27.1	23.3	19.1	113.0	316.0	648.0	591.0	417.0	300.0	201.0	86.5	46.9	233.5		Jul 02	1290	257.29	17.94	2007
2008	29.6	24.6	25.1	45.3	805.0	735.0	534.0	405.0	168.0	96.2	52.6	35.1	247.5		May 22	2640	125.29	23.83	2008
2009	24.7	21.0	18.9	45.1	249.0	505.0	503.0	321.0	330.0	134.0	69.3	42.6	189.5		Jun 27	1000	175.86	18.41	2009
2010	27.6	23.3	22.9	152.0	331.0	339.0	294.0	236.0	349.0	161.0	68.0	38.8	170.8		Sep 12	987	213.57	22.37	2010
2011																			2011
Avg.	25.87	21.68	21.22	72.71	338.8	595.7	608.29	399.94	271.03	136.96	62.04	38.14	217.10	211.94		2109	169.97	19.11	m^3/s
S. D.	6.27	4.29	4.62	39.96	175.14	181.47	207.70	190.08	131.87	54.84	18.91	10.89	42.77			863.66	64.19	3.73	m^3/s
Normal	27.11	22.47	22.03	73.91	354.83	582.50	586.67	392.40	255.80	132.42	62.45	39.82	213.79	m^3/s					
Normal	4	3	3	9	47	75	78	52	33	18	8	5	333	mm	10-Year	3586.09	91.45	10.71	m^3/s







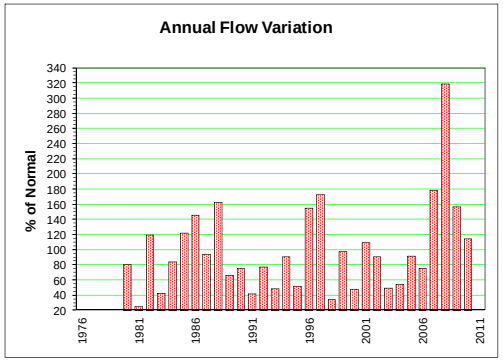


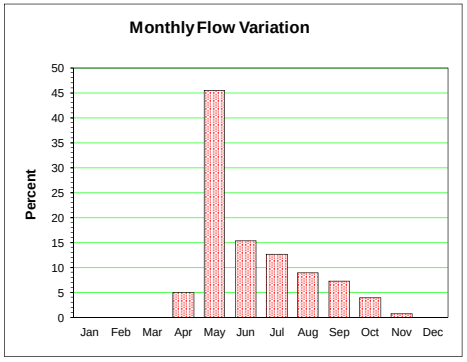
RASPBERRY CREEK NEAR THE MOUTH 10CD003

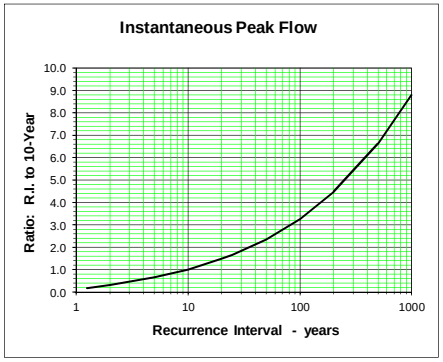
Station Longitude Latitude: -123.319900 58.892949

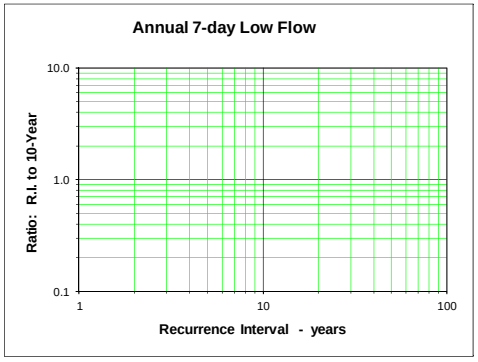
Monthly and Annual Discharge in m^3/s | Drainage Area = 274.02 km^2 | Median Elevation = 547 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979							2.210	0.739	1.440	0.425	0.031	0.000			Jul 03	10.30			1979
1980	0.000	0.000	0.003	0.243	1.610	3.520	2.010	0.549	2.010	1.310	0.401	0.098	0.979		Jun 03	28.10	0.352	0.000	1980
1981	0.004	0.000	0.000	0.006	1.710	1.640	0.090	0.011	0.018	0.062	0.077	0.036	0.306		Jun 02	4.18	0.001	0.000	1981
1982	0.005	0.000	0.000	0.012	14.900	1.660	0.107	0.156	0.134	0.114	0.026	0.000	1.448		May 18	44.55	0.002	0.000	1982
1983	0.000	0.000	0.000	0.440	3.480	1.110	0.511	0.236	0.192	0.177	0.018	0.000	0.519		May 09	9.10	0.014	0.000	1983
1984	0.000	0.000	0.000	0.101	2.660	4.680	1.700	0.508	2.050	0.510	0.021	0.000	1.017		Jun 08	20.35	0.192	0.000	1984
1985	0.000	0.000	0.000	0.055	2.700	0.464	0.601	8.100	4.990	0.590	0.007	0.000	1.472		Aug 25	67.40	0.121	0.000	1985
1986	0.000	0.000	0.000	0.567	12.900	1.340	2.330	0.301	0.821	2.290	0.273	0.001	1.760		May 18	29.70	0.035	0.000	1986
1987	0.000	0.000	0.000	0.019	5.120	2.910	1.730	2.110	1.200	0.327	0.100	0.022	1.138		May 13	9.26	0.530	0.000	1987
1988	0.001	0.000	0.000	0.011	9.910	3.410	8.980	0.654	0.128	0.146	0.077	0.023	1.967		Jul 14	93.40	0.100	0.000	1988
1989	0.004	0.000	0.000	1.520	6.730	0.715	0.172	0.094	0.070	0.161	0.074	0.019	0.805		May 01	21.60	0.020	0.000	1989
1990	0.001	0.000	0.001	0.191	7.060	3.170	0.370	0.011	0.007	0.027	0.006	0.001	0.912		May 02	22.80	0.000	0.000	1990
1991	0.000	0.000	0.000	1.020	1.720	0.452	1.330	0.282	0.839	0.310	0.071	0.005	0.506		Jul 17	7.58	0.091	0.000	1991
1992	0.000	0.001	0.009	2.570	6.460	1.380	0.241	0.184	0.083	0.203	0.068	0.008	0.938		May 05	17.90	0.042	0.000	1992
1993	0.000	0.003	0.018	0.406	1.990	1.060	1.360	1.470	0.283	0.235	0.152	0.001	0.587		May 26	6.24	0.203	0.000	1993
1994	0.000	0.000	0.041	3.430	5.430	1.470	1.160	0.909	0.363	0.248	0.008	0.000	1.095		May 04	22.30	0.255	0.000	1994
1995	0.000	0.000	0.009	1.270	1.790	1.260	0.235	2.240	0.394	0.186	0.063	0.022	0.626		Aug 20	13.60	0.088	0.000	1995
1996	0.003	0.000	0.004	0.586	7.620	3.260	4.420	2.430	2.320	1.120	0.454	0.148	1.876		Jul 21	12.10	0.722	0.000	1996
1997	0.001	0.001	0.000	0.990	4.780	7.090	3.410	3.990	2.600	1.970	0.077	0.002	2.086		Jun 05	16.90	1.589	0.000	1997
1998	0.000	0.000	0.005	0.637	1.260	0.869	1.530	0.393	0.079	0.091	0.044	0.002	0.413		Jul 21	5.49	0.049	0.000	1998
1999	0.000	0.000	0.001	0.593	7.670	3.240	0.334	1.700	0.350	0.183	0.007	0.000	1.184		Nov 30	13.00	0.117	0.000	1999
2000	0.000	0.000	0.003	0.051	1.120	0.617	1.400	1.600	1.640	0.453	0.028	0.001	0.579		Sep 03	4.69	0.387	0.000	2000
2001	0.000	0.000	0.001	0.492	4.680	5.490	3.770	0.659	0.388	0.247	0.078	0.003	1.325		Jul 20	21.00	0.319	0.000	2001
2002	0.000	0.000	0.000	0.006	6.460	3.330	1.360	1.180	0.278	0.329	0.070	0.036	1.098		May 15	29.60	0.124	0.000	2002
2003	0.002	0.000	0.002	0.188	4.270	1.260	0.646	0.295	0.200	0.194	0.030	0.002	0.597		May 05	9.20	0.082	0.000	2003
2004	0.000	0.000	0.001	0.956	4.720	0.786	0.303	0.116	0.654	0.319	0.018	0.000	0.660		May 21	10.40	0.038	0.000	2004
2005	0.000	0.000	0.000	0.723	3.180	2.760	2.030	2.770	1.070	0.480	0.206	0.012	1.111		Aug 02	17.00	0.557	0.000	2005
2006	0.000	0.000	0.000	0.133	7.850	0.765	1.290	0.435	0.094	0.207	0.026	0.000	0.914		May 14	30.80	0.075	0.000	2006
2007	0.000	0.000	0.000	1.000	4.940	2.100	5.820	2.780	4.890	3.430	0.768	0.005	2.162		Jul 01	33.92	0.892	0.000	2007
2008	0.000	0.000	0.000	0.063	34.900	5.950	3.500	0.800	0.260	0.126	0.017	0.001	3.847		May 21	169.59	0.151	0.000	2008
2009	0.000	0.000	0.000	1.100	9.560	3.100	2.500	0.186	3.740	1.780	0.466	0.072	1.888		May 02	34.03	0.102	0.000	2009
2010	0.011	0.002	0.010	3.090	6.600	0.691	1.190	1.540	2.320	0.733	0.280	0.059	1.386		May 10	12.80	0.310	0.001	2010
2011																			2011
Avg.	0.001	0.000	0.003	0.725	6.315	2.308	1.833	1.232	1.122	0.593	0.126	0.018	1.200	1.20		27	0.24	0.00	m^3/s
S. D.	0.002	0.001	0.008	0.883	6.273	1.728	1.892	1.599	1.372	0.771	0.175	0.033	0.715			32.04	0.33	0.00	m^3/s
Normal	0.00	0.00	0.00	0.74	6.47	2.27	1.81	1.27	1.08	0.57	0.12	0.02	1.21	m^3/s					
Normal	0	0	0	7	63	21	18	12	10	6	1	0	139	mm	10-Year	54.54	0.01	0.00	m^3/s







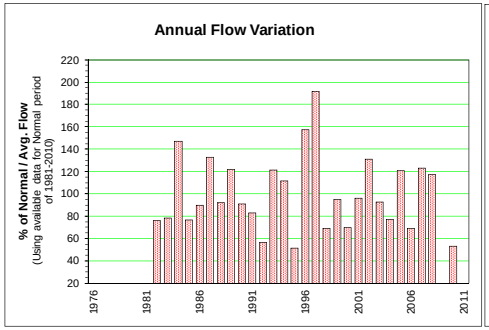


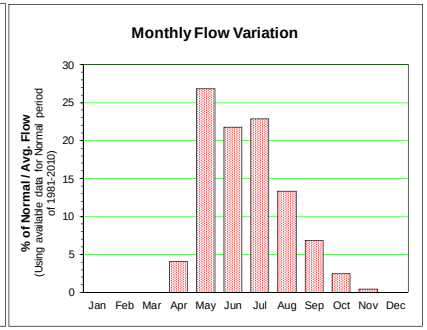
BOUGIE CREEK AT KILOMETRE 368 ALASKA HIGHWAY 10CD004

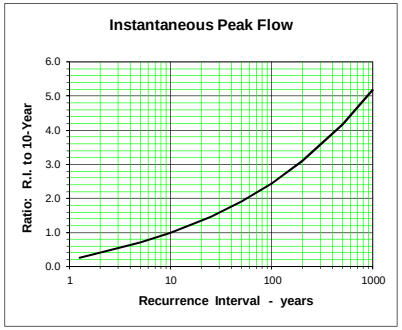
Station Longitude Latitude: -122.720000 58.030030

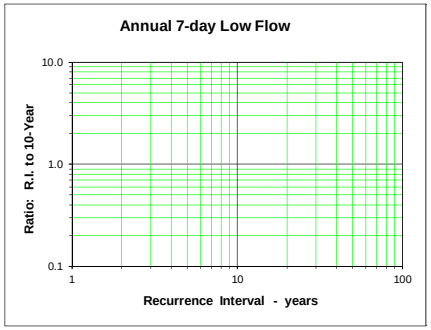
Monthly and Annual Discharge in m^3/s | Drainage Area = 334.19 km^2 | Median Elevation = 733 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981								1.170	1.060	0.902	0.379	0.087						1981
1982	0.009	0.000	0.000	0.009	16.100	2.340	0.402	2.870	1.400	0.508	0.094	0.000	2.005	May 18	50.20	0.245	0.0000	1982
1983	0.000	0.000	0.000	1.160	7.490	7.910	3.940	2.390	1.010	0.582	0.160	0.004	2.065	Jun 20	36.60	0.429	0.0000	1983
1984	0.000	0.001	0.010	0.945	17.200	14.900	6.600	1.860	3.960	0.683	0.031	0.000	3.858	May 21	115.00	1.236	0.0000	1984
1985	0.000	0.000	0.005	0.073	4.520	4.120	1.610	2.020	9.440	2.260	0.105	0.001	2.014	Sep 14	37.00	0.582	0.0000	1985
1986	0.000	0.000	0.000	0.196	9.250	1.430	13.200	1.590	0.787	1.270	0.145	0.001	2.360	Jul 13	123.00	0.266	0.0000	1986
1987	0.000	0.000	0.000	1.060	4.340	6.290	7.290	21.000	0.797	0.324	0.148	0.018	3.482	Aug 01	430.00	0.398	0.0000	1987
1988	0.000	0.000	0.000	0.044	17.300	2.250	8.110	0.653	0.216	0.017	0.022	0.093	2.424	May 15	85.00	0.011	0.0000	1988
1989	0.007	0.001	0.001	4.300	15.400	4.500	1.270	8.860	0.936	2.110	0.560	0.118	3.205	Aug 09	41.90	0.109	0.0000	1989
1990	0.009	0.023	0.242	1.460	11.600	9.800	5.130	0.234	0.077	0.004	0.006	0.008	2.397	Jun 01	58.30	0.008	0.0000	1990
1991	0.004	0.005	0.068	1.930	4.650	5.170	12.100	0.737	0.921	0.219	0.137	0.063	2.186	Jul 14	76.10	0.194	0.0014	1991
1992	0.050	0.059	0.426	2.290	6.440	7.000	0.616	0.295	0.215	0.285	0.175	0.018	1.487	Jun 10	54.40	0.079	0.0000	1992
1993	0.001	0.002	0.017	0.449	1.190	12.000	9.220	12.800	1.460	0.522	0.214	0.126	3.189	Aug 09	107.00	0.414	0.0000	1993
1994	0.024	0.000	0.004	7.220	12.800	4.850	9.340	0.424	0.087	0.144	0.003	0.000	2.930	Jul 11	49.80	0.027	0.0000	1994
1995	0.000	0.000	0.004	0.463	0.508	3.680	1.500	8.900	0.577	0.201	0.180	0.019	1.348	Aug 19	49.40	0.043	0.0000	1995
1996	0.000	0.001	0.008	0.065	4.760	8.740	21.700	6.960	5.390	1.090	0.402	0.092	4.128	Jul 19	133.00	1.584	0.0000	1996
1997	0.007	0.000	0.000	4.910	10.000	13.800	9.260	12.900	6.700	2.400	0.124	0.010	5.035	Aug 08	100.00	2.243	0.0000	1997
1998	0.000	0.000	0.008	1.270	5.160	4.670	9.160	0.762	0.133	0.271	0.201	0.005	1.821	Jul 14	153.00	0.110	0.0000	1998
1999	0.000	0.000	0.001	3.200	10.000	11.400	2.550	1.570	0.830	0.300	0.010	0.000	2.494	May 13	73.50	0.361	0.0000	1999
2000	0.000	0.001	0.003	0.591	4.270	4.280	1.200	3.980	7.060	0.677	0.024	0.000	1.838	Sep 05	32.65	0.460	0.0000	2000
2001	0.000	0.000	0.002	0.255	4.320	11.800	11.200	0.926	0.948	0.586	0.091	0.002	2.523	Jul 20	128.00	0.270	0.0000	2001
2002	0.000	0.000	0.000	0.041	10.700	7.740	15.500	3.770	1.920	0.905	0.189	0.066	3.441	Jul 02	127.00	0.117	0.0000	2002
2003	0.004	0.000	0.002	0.055	6.640	4.060	14.300	2.930	0.489	0.285	0.032	0.001	2.433	Jul 01	102.00	0.325	0.0000	2003
2004	0.000	0.000	0.002	1.390	6.260	5.690	5.590	0.617	3.580	0.964	0.132	0.018	2.024	May 21	50.30	0.302	0.0000	2004
2005	0.001	0.000	0.000	1.410	3.930	10.600	4.990	9.700	6.170	0.869	0.327	0.018	3.178	Aug 02	60.00	1.164	0.0000	2005
2006	0.000	0.000	0.000	0.077	11.600	1.880	5.980	1.520	0.221	0.226	0.026	0.001	1.823	May 14	84.50	0.196	0.0000	2006
2007	0.000	0.000	0.000	2.280	8.590	4.670	11.800	5.270	2.310	3.210	0.241	0.006	3.233	Jul 01	137.00	0.671	0.0000	2007
2008	0.000	0.000	0.000	0.089	12.900	20.300	2.320	0.947	0.240	0.170	0.061	0.013	3.081	Jun 14	218.00	0.211	0.0000	2008
2009	0.000	0.000	0.000	0.484	7.830	4.330					0.085	0.000		Sep 08	30.60	1.159	0.0000	2009
2010	0.000	0.000	0.001	0.255	4.770	1.480	2.110	2.200	5.060	0.631	0.257	0.012	1.405	Sep 12	34.40	0.675	0.0000	2010
2011																		2011
Avg.	0.004	0.003	0.028	1.309	8.294	6.954	7.071	4.133	2.207	0.780	0.152	0.027	2.622	2.62		95.78	0.48	0.00	m^3/s
S. D.	0.010	0.012	0.089	1.708	4.625	4.551	5.319	4.934	2.567	0.785	0.132	0.039	0.878			78.40	0.53	0.00	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.004	0.00	0.03	1.31	8.29	6.95	7.07	4.13	2.21	0.78	0.15	0.03	2.62	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0	0	0	10	66	54	57	33	17	6	1	0	248	mm	10-Year	178.2	0.039	0.000	m^3/s







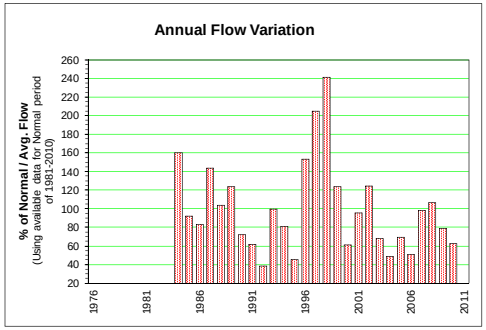


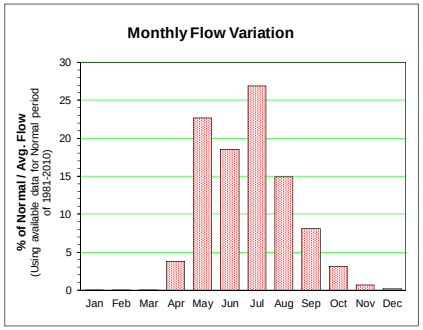
ADSETT CREEK AT KILOMETRE 386.0 ALASKA HIGHWAY 10CD005

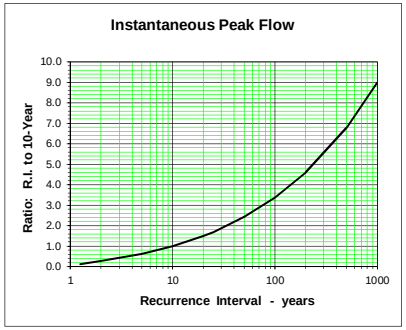
Station Longitude Latitude: -122.715600 58.106110

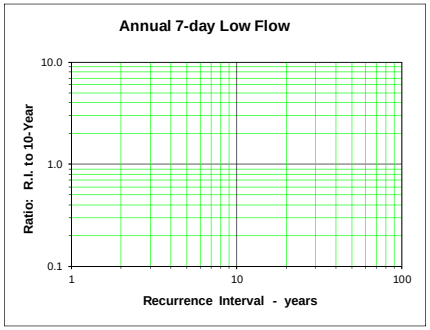
Monthly and Annual Discharge in m^3/s | Drainage Area = 109.19 km^2 | Median Elevation = 693 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983				0.334	2.180	3.110	1.120	0.868	0.531	0.304	0.080	0.002			Jun 19	19.00			1983
1984	0.000	0.001	0.011	0.653	5.520	3.070	2.170	2.140	2.150	0.341	0.139	0.072	1.361		May 21	29.60	0.5529	0.0000	1984
1985	0.038	0.003	0.014	0.646	1.790	0.875	0.699	1.020	3.380	0.758	0.141	0.061	0.787		Sep 16	10.60	0.2239	0.0000	1985
1986	0.032	0.017	0.005	0.029	2.660	0.534	3.540	0.622	0.346	0.483	0.058	0.026	0.707		Jul 13	16.30	0.1150	0.0024	1986
1987	0.011	0.003	0.002	0.224	1.080	2.260	2.230	8.030	0.409	0.153	0.059	0.028	1.222		Aug 01	150.00	0.2313	0.0003	1987
1988	0.009	0.002	0.002	0.003	5.680	1.610	2.450	0.406	0.183	0.067	0.031	0.060	0.885		May 29	48.20	0.1170	0.0010	1988
1989	0.006	0.001	0.000	0.944	4.160	1.540	0.740	3.110	1.030	0.724	0.206	0.073	1.054		Aug 09	35.70	0.4736	0.0000	1989
1990	0.008	0.019	0.125	0.498	3.060	2.040	1.140	0.120	0.263	0.052	0.012	0.007	0.616		Jun 01	7.43	0.0750	0.0000	1990
1991	0.004	0.005	0.033	0.602	1.210	1.330	2.400	0.240	0.275	0.146	0.033	0.013	0.528		Jul 14	18.70	0.1337	0.0024	1991
1992	0.006	0.009	0.121	0.570	1.440	1.380	0.148	0.096	0.061	0.054	0.045	0.006	0.328		Jun 10	10.10	0.0216	0.0000	1992
1993	0.000	0.001	0.004	0.199	0.403	1.910	2.210	3.920	0.585	0.489	0.239	0.105	0.847		Aug 09	30.20	0.1383	0.0000	1993
1994	0.053	0.024	0.033	1.550	2.020	1.800	2.340	0.270	0.093	0.085	0.005	0.000	0.693		Jul 11	18.10	0.0500	0.0000	1994
1995	0.000	0.000	0.001	0.074	0.323	0.711	0.441	2.650	0.237	0.125	0.057	0.009	0.390		Aug 17	21.50	0.0944	0.0000	1995
1996	0.000	0.000	0.003	0.148	1.620	2.440	7.490	1.810	1.440	0.354	0.151	0.048	1.302		Jul 06	60.30	0.4910	0.0000	1996
1997	0.001	0.000	0.000	1.440	3.140	4.140	1.760	6.520	2.710	0.929	0.121	0.031	1.743		Aug 08	53.50	1.0843	0.0000	1997
1998	0.001	0.000	0.011	0.218	0.894	0.929	20.700	1.170	0.072	0.164	0.033	0.000	2.051		Jul 15	222.00	0.0599	0.0000	1998
1999	0.000	0.000	0.000	0.506	4.620	5.250	1.190	0.534	0.313	0.152	0.010	0.000	1.051		Jun 08	38.40	0.1340	0.0000	1999
2000	0.001	0.002	0.006	0.129	0.949	1.430	0.543	0.956	1.950	0.260	0.015	0.001	0.519		Sep 05	7.31	0.0893	0.0000	2000
2001	0.000	0.000	0.001	0.124	1.750	3.440	3.650	0.393	0.175	0.120	0.028	0.001	0.812		Jul 19	36.00	0.1014	0.0000	2001
2002	0.000	0.000	0.000	0.025	2.540	2.270	5.690	1.190	0.480	0.290	0.056	0.009	1.058		Jul 01	94.30	0.1306	0.0000	2002
2003	0.001	0.001	0.001	0.023	1.230	1.020	3.200	0.935	0.238	0.163	0.055	0.007	0.580		Jul 01	34.70	0.1619	0.0000	2003
2004	0.000	0.000	0.001	0.276	1.350	1.310	1.090	0.150	0.562	0.221	0.052	0.001	0.419		Jul 21	5.70	0.0734	0.0000	2004
2005	0.000	0.000	0.000	0.262	0.939	1.610	0.943	1.530	1.320	0.289	0.143	0.013	0.590		Aug 02	9.06	0.3111	0.0000	2005
2006	0.000	0.000	0.000	0.018	1.960	0.683	1.860	0.397	0.079	0.110	0.019	0.000	0.433		Jul 11	7.01	0.0700	0.0000	2006
2007	0.000	0.000	0.000	0.622	2.220	1.880	2.260	0.724	0.803	1.290	0.134	0.004	0.835		Jul 01	48.30	0.1746	0.0000	2007
2008	0.000	0.000	0.000	0.001	5.290	3.470	1.280	0.551	0.149	0.102	0.014	0.001	0.910		May 21	48.30	0.0936	0.0000	2008
2009	0.000	0.000	0.000	0.522	1.980	1.380	1.710	0.269	1.870	0.273	0.066	0.000	0.675		Sep 08	18.00	0.1617	0.0000	2009
2010	0.000	0.001	0.004	0.455	1.600	0.369	0.489	1.150	1.870	0.239	0.155	0.047	0.534		Sep 12	11.10	0.2264	0.0000	2010
2011																			2011
Avg.	0.006	0.003	0.014	0.396	2.272	1.921	2.696	1.492	0.842	0.312	0.077	0.022	0.849	0.849		39.62	0.21	0.00	m^3/s
S. D.	0.013	0.006	0.033	0.400	1.509	1.156	3.875	1.894	0.898	0.293	0.064	0.029	0.412			47.12	0.22	0.00	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.006	0.003	0.014	0.396	2.272	1.921	2.696	1.492	0.842	0.312	0.077	0.022	0.849	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.155	0.074	0.343	9.41	55.72	45.60	66.13	36.59	19.99	7.65	1.83	0.548	245	mm	10-Year	86.2	0.052	0.000	m^3/s







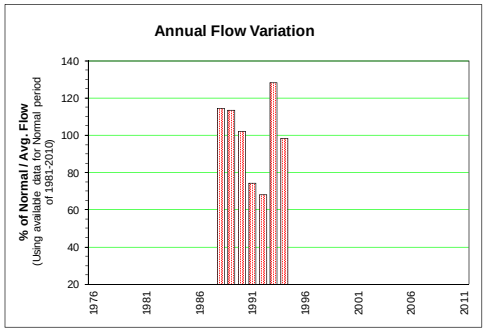


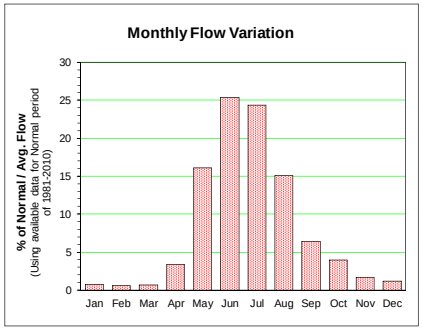
PROPHET RIVER ABOVE CHEVES CREEK 10CD006

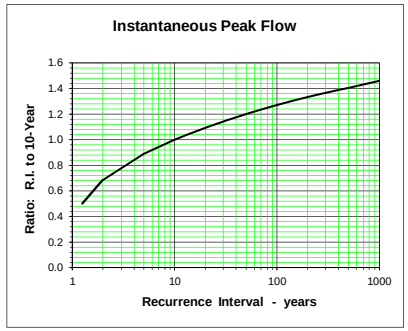
Station Longitude Latitude: -122.829947 58.485005

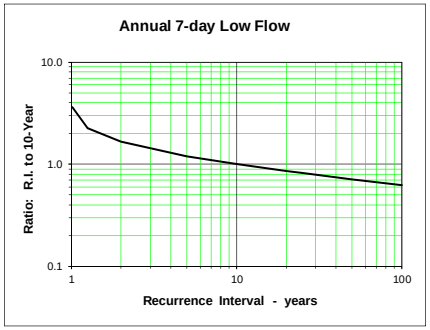
Monthly and Annual Discharge in m^3/s | Drainage Area = 7278.10 km^2 | Median Elevation = 994 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984																			1984
1985																			1985
1986																			1986
1987																			1987
1988	4.95	4.40	4.69	35.80	286.00	210.00	283.00	88.70	43.30	28.60	17.90	13.50	85.60		May 15	1200.00	29.51	4.21	1988
1989	8.39	5.88	2.97	21.60	170.00	229.00	142.00	269.00	72.60	51.00	21.50	15.40	84.73		Aug 11	776.00	53.53	2.19	1989
1990	9.24	8.62	11.90	34.60	185.00	299.00	214.00	73.90	41.40	16.00	10.00	9.01	76.39		Jun 01	1420.00	31.06	8.01	1990
1991	6.83	6.66	7.58	32.80	81.50	137.00	209.00	60.20	63.00	31.50	15.50	11.50	55.58		Jul 06	540.00	49.77	6.13	1991
1992	9.62	6.96	8.23	32.10	87.20	240.00	95.80	49.20	32.50	32.40	11.20	5.89	50.86		Jun 10	720.00	27.10	4.59	1992
1993	4.54	4.45	3.92	15.60	65.30	317.00	277.00	274.00	94.60	51.60	24.40	10.30	95.78		Jun 29	1100.00	63.33	3.73	1993
1994	6.22	4.86	4.77	45.90	118.00	186.00	281.00	115.00	60.60	35.80	9.54	6.78	73.40		Jul 03	1160.00	56.29	4.44	1994
1995	5.13	4.26	4.02															3.94	1995
1996																			1996
1997																			1997
1998																			1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	6.87	5.76	6.01	31.20	141.86	231.14	214.54	132.86	58.29	35.27	15.72	10.34	74.62	74.59		988.00	44.37	4.65	m^3/s
S. D.	2.00	1.56	3.00	9.90	77.99	62.46	73.48	97.02	21.31	12.60	5.84	3.44	16.34			313.89	14.78	1.74	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6.87	5.76	6.01	31.20	141.86	231.14	214.54	132.86	58.29	35.27	15.72	10.34	74.62	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	3	2	2	11	52	82	79	49	21	13	6	4	324	mm	10-Year	1426.1	26.558	2.669	m^3/s









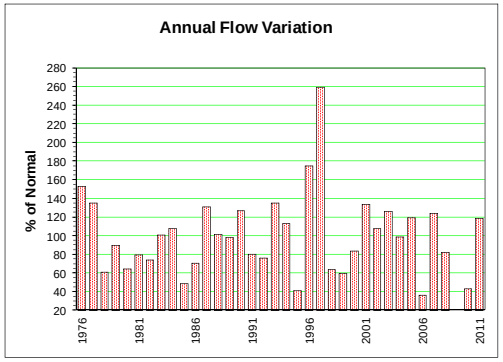
Zone 6 Southern Interior Plains

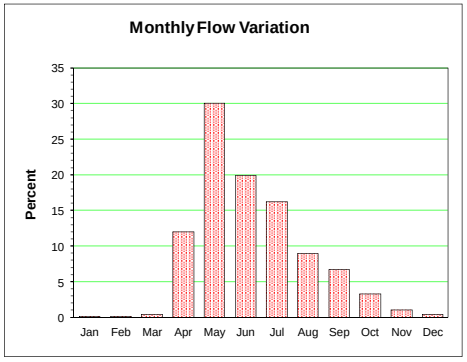
BEATTON RIVER NEAR FORT ST. JOHN 07FC001

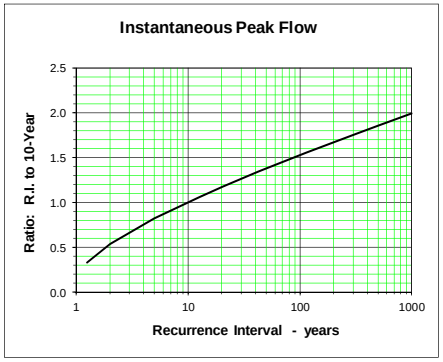
Station Longitude Latitude: -120.700667 56.278115

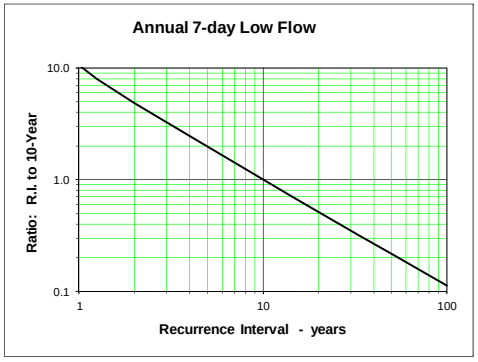
Monthly and Annual Discharge in m^3/s | Drainage Area = 15529.21 km^2 | Median Elevation = 780 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	0.54	0.50	0.60	13.60	49.50	168.00	220.00	418.00	55.60	30.00	6.65	3.32	81.18		Jul 04	1170	24.471	0.496	1976
1977	2.09	2.34	2.50	82.30	192.00	407.00	84.10	36.60	23.10	21.10	7.12	2.10	71.80		Jun 11	1790	16.371	1.399	1977
1978	1.35	0.98	0.82	28.10	172.00	89.10	12.40	14.80	44.30	18.70	3.55	0.85	32.40		May 31	569	5.966	0.582	1978
1979	0.27	0.12	0.46	2.57	111.00	115.00	191.00	46.30	77.80	19.50	4.31	0.73	47.78		Jul 04	685	27.871	0.109	1979
1980	0.32	0.23	0.58	6.43	19.70	81.00	82.20	61.50	86.50	49.90	17.80	3.04	34.13		Jun 21	349	27.129	0.157	1980
1981	0.74	0.36	0.27	75.00	270.00	86.30	32.60	16.50	11.00	5.51	4.46	1.45	42.33		May 03	509	5.776	0.237	1981
1982	0.57	0.70	0.71	26.50	343.00	32.30	9.36	27.30	11.40	6.80	3.88	1.61	39.21		May 14	566	5.923	0.536	1982
1983	0.43	0.32	0.55	85.40	147.00	194.00	169.00	24.10	8.51	6.34	3.34	0.96	53.55		Jun 20	861	6.566	0.241	1983
1984	0.40	0.51	0.76	15.70	241.00	253.00	109.00	14.50	31.90	10.90	3.08	1.59	56.96		Jun 09	1020	10.166	0.307	1984
1985	0.95	0.67	0.68	32.60	45.40	48.00	25.40	13.00	95.60	39.10	8.50	2.47	26.02		Sep 16	345	8.604	0.626	1985
1986	1.28	1.12	2.06	25.10	189.00	27.40	125.00	25.00	12.70	26.20	4.86	3.17	37.41		Jul 16	801	5.309	0.908	1986
1987	1.63	1.26	1.62	83.30	122.00	143.00	75.70	327.00	51.00	10.90	6.12	2.73	69.39		Aug 03	1660	27.914	0.935	1987
1988	1.42	1.65	4.84	46.00	279.00	125.00	139.00	22.00	8.50	5.14	3.86	3.63	53.70		May 16	872	5.879	0.934	1988
1989	0.80	0.60	0.70	73.20	367.00	60.10	30.90	28.00	15.40	24.70	10.70	6.46	52.09		May 21	608	12.257	0.574	1989
1990	2.73	0.92	3.61	120.00	303.00	288.00	67.00	9.62	3.12	2.92	2.01	1.49	67.18		Jun 03	1070	2.189	0.792	1990
1991	1.41	0.87	2.16	79.80	100.00	159.00	113.00	20.00	16.60	7.23	4.94	2.80	42.41		Jun 06	478	8.476	0.343	1991
1992	2.39	2.58	28.80	117.00	142.00	130.00	24.10	8.14	13.10	14.60	3.07	0.73	40.47		Jun 12	737	7.516	0.023	1992
1993	0.20	0.27	0.92	29.50	29.20	234.00	198.00	239.00	83.30	23.10	10.30	5.70	71.51		Jun 24	1280	15.357	0.000	1993
1994	2.52	1.89	4.70	232.00	178.00	112.00	155.00	22.10	4.40	3.62	2.32	0.87	60.12		Jul 05	984	3.531	0.631	1994
1995	0.40	0.10	0.65	32.40	34.80	37.50	77.40	28.70	31.10	10.40	3.67	2.50	21.76		Jul 14	166	8.586	0.014	1995
1996	1.61	1.28	1.51	77.00	294.00	199.00	195.00	74.20	213.00	38.40	11.00	4.39	92.68		Jul 21	975	24.486	1.194	1996
1997	2.84	2.33	2.20	245.00	438.00	184.00	144.00	198.00	171.00	192.00	53.80	9.02	137.66		Apr 28	945	70.443	1.903	1997
1998	3.21	1.79	3.54	104.00	142.00	58.40	55.90	22.00	2.79	6.81	4.14	1.28	33.99		Apr 25	394	2.533	1.016	1998
1999	0.90	0.86	1.14	69.00	81.20	153.00	38.80	22.10	7.26	3.98	2.30	1.65	31.82		Jun 10	501	4.529	0.797	1999
2000	0.97	0.72	1.54	10.10	112.00	157.00	114.00	31.60	79.70	16.60	5.96	1.64	44.35		Jun 11	499	15.486	0.505	2000
2001	0.35	0.21	0.95	24.40	90.70	363.00	264.00	76.70	12.40	7.75	5.17	2.53	70.92		Jul 21	1790	7.267	0.186	2001
2002	2.01	1.46	1.22	30.60	304.00	134.00	95.50	58.70	31.70	14.60	4.55	1.96	57.22		May 16	681	15.657	1.149	2002
2003	1.04	0.55	0.81	198.00	190.00	90.40	265.00	29.80	7.06	6.92	3.93	2.65	66.79		Jul 03	1060	6.461	0.388	2003
2004	1.40	1.36	3.41	49.70	117.00	71.10	88.70	28.90	201.00	50.00	10.70	4.42	52.25		Sep 23	607	10.440	1.070	2004
2005	2.40	1.95	6.34	222.00	134.00	133.00	107.00	82.40	30.60	27.60	7.41	1.92	63.17		Apr 24	488	18.557	1.294	2005
2006	0.95	0.78	0.80	31.40	87.40	46.90	20.30	28.70	3.74	3.82	2.62	2.14	19.26		May 26	235	3.103	0.532	2006
2007	1.50	1.16	0.95	105.00	297.00	86.20	124.00	69.10	57.00	27.20	11.50	2.77	65.81		May 06	847	18.986	0.861	2007
2008	1.16	1.01	1.01	14.70	305.00	92.00	36.20	43.40	12.80	6.93	4.32	2.76	43.81		May 09	597	7.559	0.992	2008
2009	1.94	1.38	1.04	22.70					34.50	10.20	5.74	3.59					5.121	1.010	2009
2010	1.81	1.13	1.33	49.70	61.20	28.80	42.70	30.00	41.20	12.30	3.53	1.61	23.04		Apr 23	181	15.571	1.067	2010
2011	1.06	0.87	1.18	24.60	376.00	135.00	153.00	39.50	8.01	5.88	2.15	1.58	63.13		May 12	596	5.754	0.773	2011
Avg.	1.32	1.02	2.42	69.01	181.8	134.9	105.26	63.92	44.41	21.32	7.04	2.61	53.35	53.65		769	12.99	0.68	m^3/s
S. D.	0.81	0.65	4.74	64.69	113.18	89.79	70.51	91.31	53.45	31.93	8.71	1.71	23.01			411.60	12.45	0.44	m^3/s
Normal	1.40	1.06	2.69	77.56	187.72	128.50	101.43	55.88	43.45	20.75	7.06	2.75	53.00	m^3/s					
Normal	0	0	0	13	32	21	17	10	7	4	1	0	108	mm	10-Year	1334.86	3.03	0.14	m^3/s







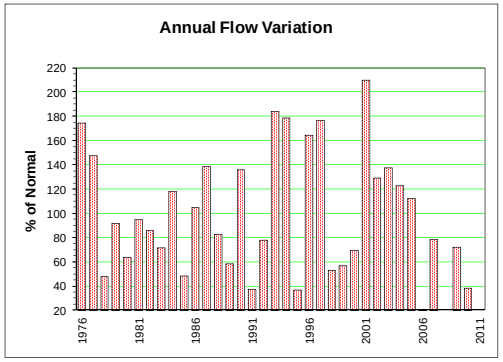


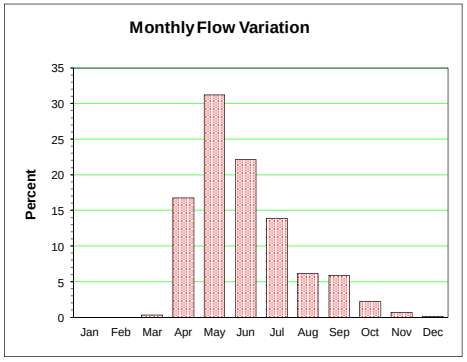
BLUEBERRY RIVER BELOW AITKEN CREEK 7FC003

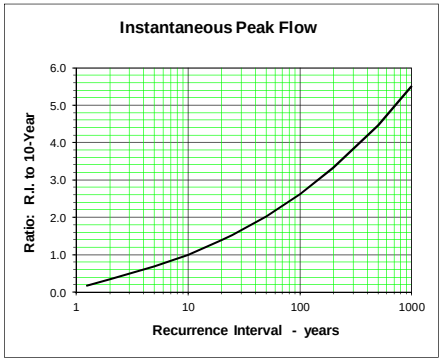
Station Longitude Latitude: -121.221071 56.677952

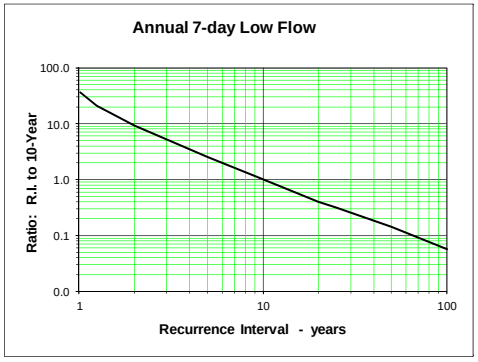
Monthly and Annual Discharge in m^3/s | Drainage Area = 1774.19 km^2 | Median Elevation = 828 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	0.101	0.099	0.111	1.830	2.070	14.700	25.200	58.200	1.910	0.776	0.293	0.174	8.88		Aug 05	354.00	0.611	0.094	1976
1977	0.150	0.178	0.155	9.470	22.900	49.300	3.510	2.120	1.280	0.836	0.398	0.143	7.51		Jun 10	422.00	0.843	0.109	1977
1978	0.106	0.084	0.072	1.910	20.200	4.020	0.230	0.335	0.964	0.513	0.304	0.227	2.44		May 27	52.40	0.101	0.071	1978
1979	0.150	0.070	0.250	7.110	8.400	4.490	19.400	3.680	9.750	1.720	0.489	0.085	4.66		Jul 03	151.00	1.709	0.042	1979
1980	0.015	0.004	0.042	2.190	5.590	12.900	4.960	2.430	7.740	2.000	0.819	0.327	3.24		Jun 18	77.60	0.657	0.000	1980
1981	0.199	0.110	0.085	16.500	30.600	6.620	1.650	0.696	0.208	0.357	0.293	0.123	4.81		May 02	82.90	0.059	0.059	1981
1982	0.019	0.049	0.100	9.930	38.500	1.560	0.016	0.718	0.132	0.274	0.220	0.165	4.36		May 04	76.20	0.002	0.002	1982
1983	0.108	0.063	0.065	10.400	13.400	11.900	6.640	0.501	0.208	0.208	0.120	0.042	3.65		Jun 20	87.30	0.176	0.033	1983
1984	0.027	0.042	0.064	0.857	28.500	30.500	4.480	1.840	4.320	1.380	0.110	0.050	6.01		Jun 08	212.00	0.876	0.024	1984
1985	0.025	0.017	0.046	2.810	4.840	5.930	1.400	0.533	11.200	2.320	0.400	0.187	2.47		Sep 16	39.00	0.316	0.006	1985
1986	0.080	0.041	0.333	10.800	37.200	2.020	9.080	0.602	1.040	1.550	0.329	0.209	5.34		May 18	108.00	0.030	0.009	1986
1987	0.079	0.061	0.174	10.800	14.300	14.100	4.820	36.900	1.810	0.409	0.285	0.147	7.05		Aug 03	334.00	0.846	0.034	1987
1988	0.032	0.047	0.116	10.700	33.100	4.550	0.720	0.423	0.108	0.155	0.072	0.109	4.20		May 15	233.00	0.025	0.013	1988
1989	0.097	0.040	0.048	13.100	14.900	3.470	1.790	0.683	0.236	0.764	0.274	0.178	2.97		May 01	46.00	0.168	0.022	1989
1990	0.105	0.065	0.208	8.580	38.800	27.000	7.350	0.146	0.034	0.132	0.106	0.050	6.91		Jun 01	146.00	0.004	0.003	1990
1991	0.049	0.046	0.058	4.480	3.590	10.500	3.270	0.031	0.251	0.186	0.151	0.134	1.89		Jun 05	80.90	0.000	0.000	1991
1992	0.082	0.042	1.970	14.200	8.150	18.900	2.320	1.330	0.357	0.379	0.216	0.021	3.97		Jun 11	132.00	0.066	0.000	1992
1993	0.000	0.000	0.046	3.760	2.970	50.300	20.100	25.400	7.740	1.240	0.448	0.231	9.36		Jun 23	455.00	2.006	0.000	1993
1994	0.157	0.122	0.514	39.600	20.400	28.800	17.900	0.593	0.080	0.589	0.347	0.085	9.08		Apr 23	286.00	0.000	0.000	1994
1995	0.019	0.010	0.057	3.120	3.270	2.960	6.030	4.830	0.761	1.030	0.204	0.095	1.88		Aug 17	32.70	0.486	0.007	1995
1996	0.053	0.072	0.080	8.030	40.300	23.400	19.700	1.930	3.970	1.500	0.524	0.342	8.36		Jul 19	143.00	0.861	0.025	1996
1997	0.198	0.190	0.464	2.760	23.100	17.300	7.150	8.240	24.700	17.200	6.020	0.157	8.99		Sep 13	147.00	1.661	0.076	1997
1998	0.049	0.131	0.264	13.300	12.000	3.490	1.850	0.508	0.079	0.367	0.200	0.111	2.70		Apr 25	66.30	0.000	0.000	1998
1999	0.077	0.073	0.182	13.400	9.450	6.920	2.480	0.611	1.030	0.548	0.064	0.054	2.90		Apr 23	31.40	0.274	0.049	1999
2000	0.045	0.062	0.118	0.896	9.310	15.000	9.340	0.373	6.450	0.558	0.210	0.048	3.53		Jun 10	53.90	0.157	0.008	2000
2001	0.004	0.002	0.015	3.150	19.600	57.000	40.700	5.070	0.807	0.532	0.471	0.208	10.67		Jul 21	512.00	0.324	0.002	2001
2002	0.117	0.024	0.014	6.760	38.300	18.900	7.770	3.620	1.750	0.798	0.124	0.032	6.57		Jun 07	170.00	0.532	0.013	2002
2003	0.006	0.000	0.010	23.500	18.600	5.960	33.000	1.420	0.358	0.395	0.147	0.084	7.01		Jul 02	254.00	0.033	0.000	2003
2004	0.063	0.085	0.232	4.860	9.820	3.720	13.200	4.780	33.600	3.530	0.903	0.368	6.25		Sep 22	103.00	0.988	0.056	2004
2005	0.204	0.170	0.868	30.300	9.680	10.800	11.300	3.520	1.050	0.500	0.143	0.018	5.71		Jul 24	69.70	0.323	0.009	2005
2006	0.005	0.003	0.002	0.033	9.140	2.390	0.663	0.432	0.004	0.007	0.000	0.000	1.07		May 24	29.10	0.000	0.000	2006
2007	0.000	0.000	0.002	12.900	21.000	7.960	3.980	0.580	0.591	0.485	0.157	0.039	3.99		May 05	92.70	0.285	0.000	2007
2008																			2008
2009	0.141	0.080	0.061	11.800	23.700	3.510	1.340	0.228	1.780	0.476	0.337	0.203	3.66		Aug 25	73.4	0.094	0.049	2009
2010	0.116	0.094	0.136	9.650	6.470	1.820	1.790	0.916	1.570	0.466	0.317	0.129	1.96		Sep 22	33.9	0.611	0.084	2010
2011																			2011
Avg.	0.08	0.064	0.205	9.514	17.710	14.197	8.680	5.124	3.761	1.299	0.456	0.135	5.119	5.254		152.57	0.445	0.026	m^3/s
S. D.	0.06	0.051	0.358	8.432	11.969	14.501	9.787	11.943	7.173	2.904	1.002	0.093	2.561			130.55	0.527	0.031	m^3/s
Normal	0.07	0.060	0.218	10.378	18.724	13.699	8.339	3.705	3.663	1.322	0.455	0.125	5.080	m^3/s					
Normal	0	0	0	15	28	20	13	6	5	2	1	0	90	mm	10-Year	340.11	0.012	0.00	m^3/s







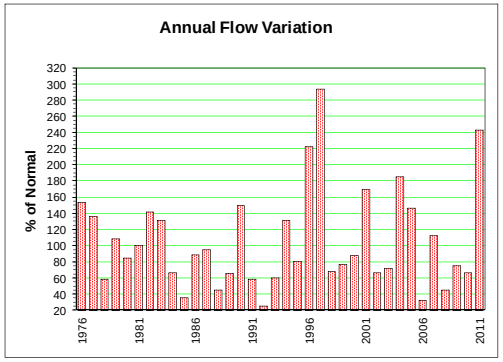


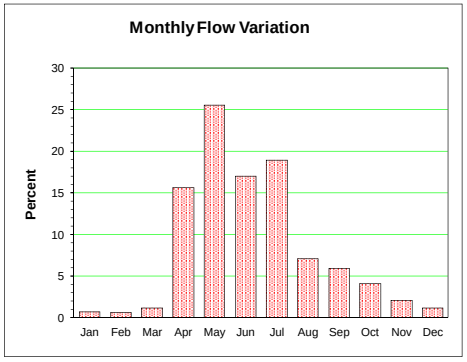
KISKATINAW RIVER NEAR FARMINGTON 07FD001

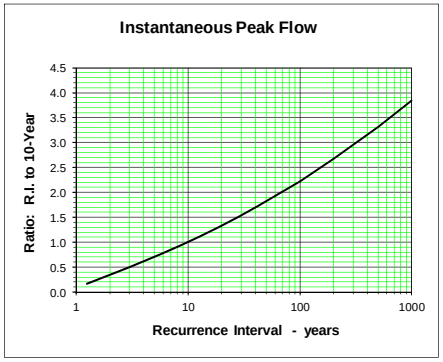
Station Longitude Latitude: -120.564169 55.956942

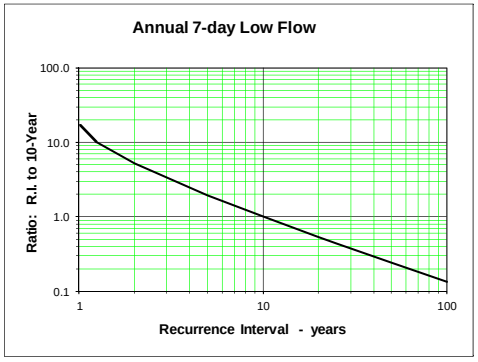
Monthly and Annual Discharge in m^3/s | Drainage Area = 3599.71 km^2 | Median Elevation = 921 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	1.480	1.110	0.861	12.500	34.600	47.100	19.000	45.500	8.030	4.660	2.870	2.370	15.054		Jun 27	220.00	6.196	0.821	1976
1977	2.220	2.290	1.960	18.300	49.700	40.500	17.200	5.690	5.010	12.600	3.000	1.420	13.378		Jun 10	197.00	3.167	1.237	1977
1978	1.130	1.020	1.230	4.660	17.200	11.000	12.800	3.900	8.780	4.280	1.630	0.923	5.743		Jul 13	57.80	2.859	0.747	1978
1979	0.647	0.526	0.679	7.310	57.600	35.200	14.100	3.290	3.530	1.720	1.240	0.694	10.613		Apr 30	128.22	2.040	0.502	1979
1980	0.449	0.552	0.709	4.510	11.600	26.700	18.100	10.500	16.200	7.580	2.760	0.348	8.331		Jun 20	65.90	4.317	0.164	1980
1981	0.132	0.162	0.157	28.100	48.800	30.400	5.010	1.980	0.738	0.982	1.010	0.446	9.848		Apr 24	215.00	0.568	0.094	1981
1982	0.137	0.239	0.398	1.630	34.700	10.700	55.800	35.800	11.500	7.700	3.420	2.240	13.875		Jul 16	287.00	2.867	0.117	1982
1983	1.900	1.540	1.540	17.000	21.900	23.700	67.000	8.200	3.220	3.560	2.310	1.180	12.859		Jul 16	236.00	2.897	1.002	1983
1984	1.210	1.410	1.530	5.710	24.100	21.600	3.680	0.710	5.260	6.770	4.510	1.500	6.497		Jun 08	84.80	0.560	0.560	1984
1985	0.936	0.635	0.809	7.600	11.400	4.050	1.040	0.471	5.320	5.900	1.880	1.490	3.470		Apr 23	18.80	0.073	0.073	1985
1986	1.040	1.020	1.810	8.700	44.400	16.000	15.300	2.680	1.700	6.370	2.930	1.960	8.736		May 18	104.00	0.833	0.833	1986
1987	1.180	1.290	1.590	13.400	11.700	5.300	4.500	60.700	5.210	2.260	2.300	1.050	9.301		Aug 02	371.00	1.381	0.922	1987
1988	0.724	0.757	0.924	10.900	9.860	17.700	8.280	1.620	0.588	0.681	0.515	0.447	4.403		Jun 07	82.20	0.471	0.402	1988
1989	0.256	0.127	0.189	12.500	11.800	9.150	10.600	15.500	7.800	4.520	2.680	1.820	6.446		Aug 25	49.90	4.599	0.090	1989
1990	0.598	0.624	2.090	18.300	31.800	104.000	13.100	1.660	1.200	1.280	0.963	1.310	14.680		Jun 14	616.00	0.741	0.420	1990
1991	1.250	0.801	1.080	23.700	19.900	15.300	3.480	0.437	0.691	0.630	0.873	0.738	5.732		Apr 27	57.20	0.292	0.292	1991
1992	0.831	0.778	5.920	14.300	6.170	1.590	0.300	0.056	0.105	0.211	0.111	0.106	2.533		Apr 05	21.90	0.018	0.013	1992
1993	0.525	2.490	0.380	8.920	4.590	4.350	32.400	9.600	3.150	1.740	2.100	0.634	5.949		Jul 31	73.20	0.512	0.000	1993
1994	0.529	0.406	1.810	44.800	22.300	52.000	15.400	5.520	3.120	3.900	3.010	2.460	12.901		Jun 15	285.00	2.236	0.270	1994
1995	1.700	1.190	1.210	20.200	31.500	8.460	24.500	2.280	0.873	1.250	0.667	0.323	7.904		Jul 05	166.00	0.731	0.273	1995
1996	0.227	0.618	1.040	37.700	54.600	33.800	30.000	23.800	35.100	31.600	10.100	2.810	21.818		Apr 26	131.00	8.777	0.103	1996
1997	1.880	1.670	1.630	82.500	104.000	47.400	58.800	12.000	9.380	14.800	7.030	2.870	28.798		Jul 13	263.00	4.521	1.434	1997
1998	1.380	0.984	0.954	2.960	18.500	15.400	28.800	1.070	0.658	4.900	2.630	1.200	6.679		Jul 04	128.00	0.538	0.538	1998
1999	1.070	1.040	1.390	45.200	25.300	8.960	4.530	1.170	0.761	0.698	0.411	0.251	7.550		Apr 22	163.00	0.562	0.228	1999
2000	0.252	0.355	1.070	4.990	6.440	20.000	17.300	4.530	40.400	5.860	1.550	1.280	8.626		Sep 04	143.00	2.437	0.228	2000
2001	0.424	0.122	0.356	8.460	14.400	46.800	110.000	9.500	2.430	2.190	1.620	0.887	16.584		Jul 21	649.00	2.143	0.109	2001
2002	0.574	0.479	0.446	2.290	54.200	9.380	2.630	1.910	1.700	1.850	1.140	0.779	6.528		May 15	108.00	1.249	0.406	2002
2003	0.270	0.147	0.242	25.800	31.800	12.100	6.550	2.230	1.520	1.490	1.510	1.110	7.086		Apr 23	51.70	0.947	0.130	2003
2004	0.533	0.488	1.550	12.400	10.100	13.500	74.700	18.200	58.400	14.500	8.230	4.500	18.133		Jul 09	215.00	4.899	0.362	2004
2005	1.700	1.590	7.900	41.100	53.900	37.500	9.490	5.160	3.400	6.200	2.900	1.170	14.363		May 07	189.00	2.281	0.865	2005
2006	0.637	0.551	0.586	10.200	10.900	7.070	2.510	2.400	0.552	0.928	0.846	0.829	3.172		May 28	27.00	0.358	0.358	2006
2007	0.768	0.657	0.750	22.200	71.800	8.840	4.470	9.730	3.780	3.850	2.640	1.210	10.992		May 05	192.00	1.994	0.635	2007
2008	0.796	0.733	0.777	1.630	30.400	9.850	1.850	2.990	1.390	1.200	1.090	0.413	4.457		May 27	47.40	1.230	0.247	2008
2009	0.157	0.067	0.017	0.616	26.600	4.880	42.900	4.070	2.150	2.380	2.220	1.150	7.379		Jul 09	246.00	1.337	0.010	2009
2010	0.746	0.620	1.310	24.200	37.100	9.650	0.985	0.232	0.660	1.280	0.964	0.677	6.558		May 24	109.00	0.168	0.168	2010
2011	0.534	0.418	0.415	16.800	78.200	65.700	111.000	5.160	1.730	1.340	0.776	1.260	23.828		Jul 10	642.00	1.439	0.336	2011
Avg.	0.856	0.820	1.314	17.280	31.496	23.212	23.558	8.896	7.112	4.824	2.401	1.274	10.300	10.59		184	2.01	0.42	m^3/s
S. D.	0.552	0.578	1.502	16.468	22.779	21.331	28.802	13.258	12.357	5.917	2.131	0.898	5.985			162.55	1.94	0.36	m^3/s
Normal	0.812	0.786	1.382	18.600	29.499	20.314	21.864	8.207	7.092	4.716	2.472	1.295	9.795	m^3/s					
Normal	1	1	1	13	22	15	16	6	5	4	2	1	86	mm	10-Year	390.47	0.25	0.08	m^3/s







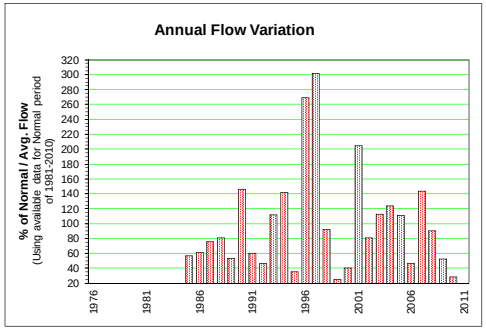


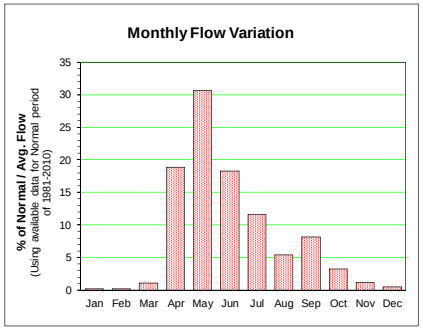
ALCES RIVER AT 22ND BASE LINE 07FD004

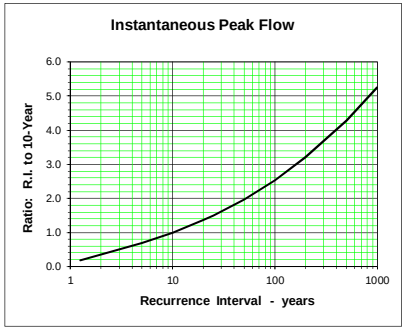
Station Longitude Latitude: -120.154667 56.333316

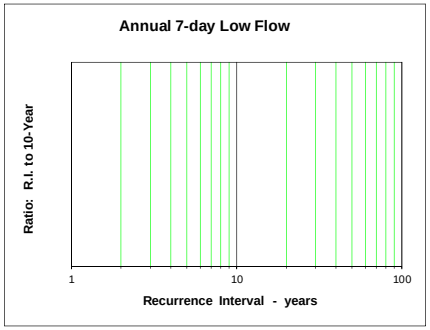
Monthly and Annual Discharge in m^3/s | Drainage Area = 319.27 km^2 | Median Elevation = 763 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984																			1984
1985	0.015	0.005	0.005	0.397	0.374	0.567	0.298	0.212	0.932	0.928	0.131	0.037	0.326		Jun 23	2.37	0.0521	0.0034	1985
1986	0.009	0.013	0.051	0.358	2.250	0.418	0.940	0.059	0.002	0.037	0.027	0.019	0.353		May 14	6.51	0.0000	0.0000	1986
1987	0.009	0.012	0.018	0.254	0.489	0.969	0.667	2.290	0.255	0.074	0.071	0.040	0.433		Aug 03	8.70	0.1509	0.0050	1987
1988	0.025	0.031	0.213	0.799	1.800	0.935	0.675	0.425	0.345	0.246	0.033	0.009	0.463		May 17	6.76	0.1891	0.0039	1988
1989	0.001	0.000	0.002	0.949	1.720	0.553	0.099	0.065	0.036	0.087	0.076	0.051	0.305		May 10	5.26	0.0027	0.0000	1989
1990	0.036	0.019	0.021	1.250	3.430	4.980	0.302	0.001	0.000	0.002	0.014	0.014	0.838		Jun 12	27.30	0.0000	0.0000	1990
1991	0.006	0.004	0.006	1.340	0.777	1.760	0.250	0.000	0.000	0.000	0.001	0.002	0.344		Apr 12	4.33	0.0000	0.0000	1991
1992	0.003	0.004	0.557	1.060	1.230	0.348	0.001	0.001	0.000	0.001	0.001	0.002	0.268		May 02	5.20	0.0000	0.0000	1992
1993	0.000	0.001	0.097	0.249	0.142	1.630	2.280	2.190	0.521	0.310	0.112	0.060	0.638		Jul 31	8.05	0.0004	0.0000	1993
1994	0.040	0.051	0.263	3.980	2.560	0.761	1.370	0.322	0.062	0.191	0.077	0.021	0.810		Apr 22	16.40	0.0146	0.0121	1994
1995	0.010	0.009	0.008	0.625	0.304	0.468	0.417	0.252	0.125	0.098	0.065	0.063	0.204		Apr 11	2.19	0.0610	0.0056	1995
1996	0.034	0.032	0.031	2.190	3.750	1.500	2.190	1.580	5.780	0.855	0.318	0.166	1.534		Sep 01	40.70	0.2737	0.0207	1996
1997	0.031	0.039	0.049	5.220	10.300	1.820	0.877	0.145	0.998	0.432	0.471	0.149	1.720		Apr 25	24.00	0.0013	0.0013	1997
1998	0.046	0.059	0.096	2.170	1.850	0.832	0.910	0.084	0.015	0.169	0.042	0.023	0.526		Aug 06	5.36	0.0006	0.0006	1998
1999	0.014	0.012	0.017	0.809	0.283	0.403	0.134	0.030	0.003	0.003	0.012	0.011	0.144		Apr 17	7.09	0.0010	0.0010	1999
2000	0.006	0.007	0.031	0.041	0.345	0.169	0.518	0.141	1.090	0.362	0.103	0.013	0.235		Jun 10	2.42	0.0016	0.0016	2000
2001	0.003	0.002	0.014	0.931	1.950	8.250	2.210	0.181	0.096	0.341	0.044	0.015	1.167		May 30	21.30	0.0034	0.0020	2001
2002	0.020	0.022	0.018	0.271	3.210	1.250	0.389	0.111	0.116	0.072	0.037	0.015	0.465		May 15	6.28	0.0000	0.0000	2002
2003	0.001	0.001	0.001	2.240	2.040	0.984	1.910	0.174	0.145	0.102	0.054	0.035	0.643		Apr 25	8.26	0.1259	0.0010	2003
2004	0.023	0.033	0.048	0.392	0.726	0.395	1.220	0.631	3.600	0.977	0.373	0.086	0.707		Sep 18	8.04	0.2273	0.0174	2004
2005	0.034	0.033	0.288	3.640	1.660	0.904	0.343	0.235	0.217	0.185	0.063	0.043	0.636		Apr 17	6.21	0.0554	0.0269	2005
2006	0.018	0.010	0.004	0.091	2.310	0.638	0.023	0.016	0.002	0.010	0.012	0.014	0.265		May 24	9.50	0.0006	0.0004	2006
2007	0.020	0.021	0.022	2.210	4.100	1.400	1.030	0.303	0.385	0.211	0.088	0.027	0.822		Apr 24	12.30	0.0624	0.0146	2007
2008	0.003	0.001	0.003	0.734	4.530	0.597	0.284	0.000	0.000	0.000	0.000	0.000	0.517		May 01	13.20	0.0000	0.0000	2008
2009	0.001	0.000	0.000	1.030	1.140	0.200	0.828	0.111	0.127	0.094	0.039	0.000	0.299		Apr 19	7.02	0.0000	0.0000	2009
2010	0.008	0.012	0.036	0.861	0.457	0.346	0.215	0.000	0.007	0.013	0.003	0.000	0.163		Apr 08	3.07	0.0004	0.0000	2010
2011																			2011
Avg.	0.016	0.017	0.073	1.311	2.066	1.272	0.784	0.368	0.572	0.223	0.087	0.035	0.570	0.57		10.30	0.0471	0.0045	m^3/s
S. D.	0.014	0.016	0.127	1.296	2.104	1.708	0.697	0.636	1.291	0.285	0.118	0.042	0.398			9.00	0.0792	0.0074	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.016	0.017	0.073	1.311	2.066	1.272	0.784	0.368	0.572	0.223	0.087	0.035	0.570	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.134	0.127	0.613	10.65	17.34	10.33	6.58	3.08	4.64	1.87	0.708	0.295	56.36	mm	10-Year	22.1	0.000	0.000	m^3/s







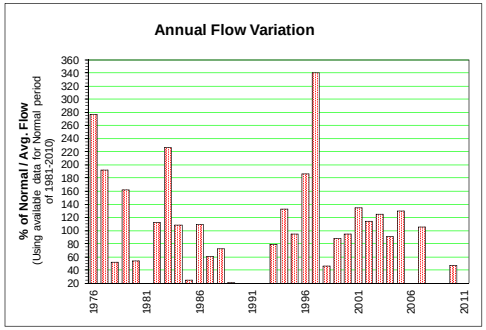


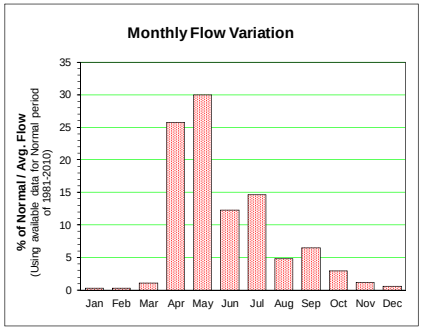
POUCE COUPE RIVER BELOW HENDERSON CREEK 07FD007

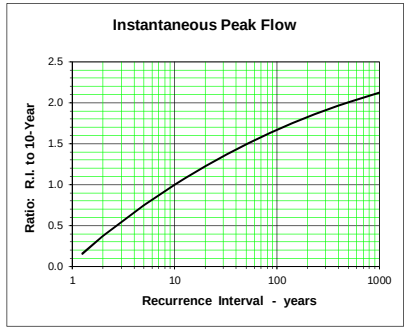
Station Longitude Latitude: -120.029612 55.865237

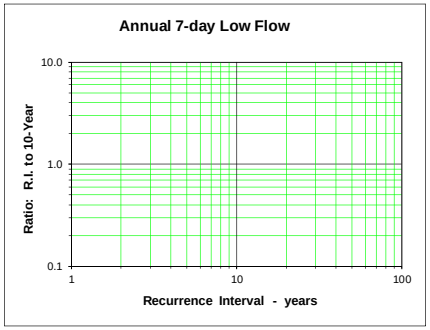
Monthly and Annual Discharge in m^3/s | Drainage Area = 2876.41 km^2 | Median Elevation = 794 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	0.091	0.109	1.590	15.600	9.100	50.700	27.100	65.200	4.880	1.860	0.937	0.721	14.869		Jun 27	415.56	2.353	0.082	1976
1977	0.787	1.600	2.140	31.900	47.100	34.100	3.110	1.060	0.379	0.950	0.553	0.304	10.334		Jun 10	179.00	0.241	0.241	1977
1978	0.238	0.319	1.540	9.270	16.000	4.460	0.602	0.135	0.441	0.456	0.139	0.053	2.816		May 23	53.50	0.114	0.031	1978
1979	0.016	0.013	0.052	23.900	41.700	17.800	18.700	0.865	0.154	0.293	0.180	0.057	8.695		Apr 26	153.00	0.117	0.012	1979
1980	0.018	0.028	0.053	0.777	1.840	15.800	4.820	1.670	7.280	1.640	0.588	0.400	2.890		Jun 18	63.80	0.644	0.015	1980
1981	0.340	0.327	0.320	24.600	30.700	8.700					0.261	0.146			Apr 24	113.00		0.101	1981
1982	0.097	0.097	0.086	13.900	26.200	2.230	5.230	22.000	0.724	0.575	0.500	0.353	6.066		Aug 04	97.10	0.514	0.077	1982
1983	0.237	0.194	0.206	15.100	17.700	17.200	88.000	3.550	0.430	0.748	0.411	0.139	12.131		Jul 15	349.00	0.380	0.103	1983
1984	0.109	0.374	0.749	3.600	24.500	33.500	4.040	0.319	0.864	1.060	0.685	0.132	5.816		Jun 08	166.00	0.164	0.076	1984
1985	0.076	0.028	0.036	5.820	6.790	0.703	0.058	0.020	0.527	1.650	0.336	0.258	1.364		Apr 23	21.10	0.000	0.000	1985
1986	0.413	0.444	1.460	11.000	47.500	5.580	1.000	0.485	0.323	0.501	0.499	0.445	5.864		May 18	108.00	0.207	0.207	1986
1987	0.179	0.101	0.173	2.970	2.020	1.730	1.880	26.100	2.060	0.755	0.700	0.451	3.301		Aug 02	130.00	0.676	0.070	1987
1988	0.245	0.199	0.264	5.020	4.140	20.500	13.400	0.645	0.477	1.300	0.604	0.306	3.916		Jun 08	92.80	0.348	0.166	1988
1989	0.103	0.035	0.026	0.863	2.640	0.766	0.368	1.750	2.170	2.720	1.230	0.866	1.136		May 25	9.67	0.205	0.013	1989
1990	0.593	0.254	0.779	10.700	18.800													0.130	1990
1991																			1991
1992																			1992
1993	0.015	0.264	0.916	7.190	5.450	16.700	15.400	3.370	0.571	0.318	0.564	0.522	4.285		Jun 24	40.65	0.368	0.000	1993
1994	0.555	0.511	1.220	44.300	11.300	19.200	5.210	1.670	0.652	0.603	0.340	0.387	7.119		Jun 15	127.60	0.412	0.250	1994
1995	0.436	0.307	0.287	29.000	12.000	2.140	14.200	1.190	0.101	0.387	0.442	0.390	5.081		Jul 06	112.92	0.029	0.029	1995
1996	0.176	0.215	0.251	30.600	22.700	10.500	6.220	4.870	19.400	20.100	4.260	1.230	10.030		Apr 25	108.00	1.597	0.094	1996
1997	0.075	0.276	0.722	77.600	79.800	19.000	21.000	6.550	3.660	5.850	3.220	0.744	18.272		Apr 25	265.00	1.903	0.023	1997
1998	0.374	0.496	0.717	13.400	9.540	2.540	0.892	0.168	0.056	0.798	0.650	0.482	2.508		Apr 25	29.92	0.007	0.007	1998
1999	0.189	0.158	0.508	37.200	13.800	4.890	0.204	0.080	0.072	0.110	0.055	0.012	4.748		Apr 16	146.00	0.049	0.010	1999
2000	0.031	0.099	0.402	1.660	1.130	2.270	4.790	1.400	45.800	3.860	0.324	0.130	5.105		Sep 03	161.00	0.368	0.016	2000
2001	0.028	0.021	0.073	1.990	7.240	24.100	49.100	2.420	0.482	0.232	0.158	0.163	7.231		Jul 21	416.00	0.406	0.019	2001
2002	0.122	0.110	0.104	0.851	64.200	5.240	0.630	0.303	0.330	0.190	0.161	0.129	6.128		May 13	132.00	0.117	0.090	2002
2003	0.084	0.068	0.072	45.300	28.800	2.690	2.230	0.273	0.121	0.176	0.499	0.240	6.708		Apr 24	125.00	0.059	0.049	2003
2004	0.052	0.052	0.143	6.330	2.810	0.845	5.120	1.120	31.700	5.250	3.550	2.100	4.887		Sep 20	76.50	0.298	0.042	2004
2005	1.120	1.400	9.960	45.200	15.500	7.280	1.260	0.338	0.180	0.728	0.666	0.212	6.963		Apr 06	80.50	0.062	0.062	2005
2006	0.114	0.074	0.079	2.810	1.930	1.190	0.040	0.066	0.035	0.051	0.044	0.042	0.538		Apr 05	9.37	0.004	0.004	2006
2007	0.034	0.028	0.018	22.000	42.300	1.080	0.377	0.719	0.197	0.551	0.233	0.140	5.683		May 06	145.00	0.083	0.015	2007
2008	0.091	0.054	0.055	1.970	8.440	0.998	0.010	0.015	0.023	0.058	0.053	0.021	0.990		May 02	25.80	0.000	0.000	2008
2009	0.048	0.027	0.017	4.460	4.610	0.363	0.118	0.035	0.126	0.134	0.107	0.069	0.845		Apr 20	13.50	0.002	0.002	2009
2010	0.079	0.075	0.146	5.900	18.800	5.090	0.178	0.058	0.075	0.105	0.072	0.055	2.571		May 25	81.50	0.036	0.026	2010
2011																			2011
Avg.	0.217	0.253	0.763	16.751	19.608	10.621	9.525	4.789	4.009	1.742	0.719	0.366	5.771	6.28		126.49	0.379	0.062	m^3/s
S. D.	0.248	0.353	1.742	17.742	19.199	12.077	17.972	12.674	10.138	3.701	1.013	0.420	4.088			104.74	0.565	0.069	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.215	0.225	0.707	16.833	18.976	8.038	9.268	3.058	4.275	1.877	0.764	0.376	5.357	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.200	0.191	0.658	15.169	17.670	7.243	8.630	2.848	3.853	1.748	0.688	0.351	58.773	mm	10-Year	292.5	0.000	0.000	m^3/s







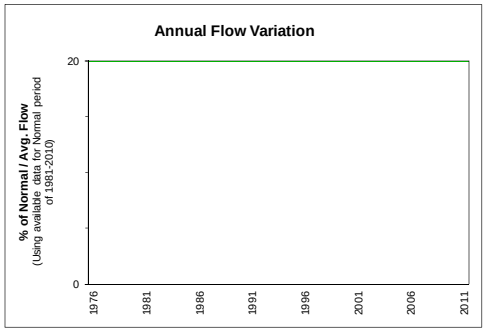


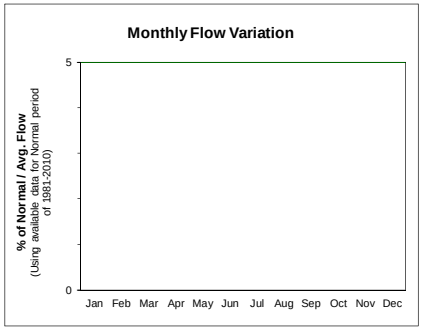
CLEAR RIVER NEAR BEAR CANYON 07FD009

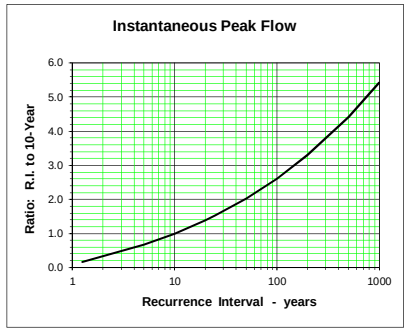
Station Longitude Latitude: -119.680500 56.307830

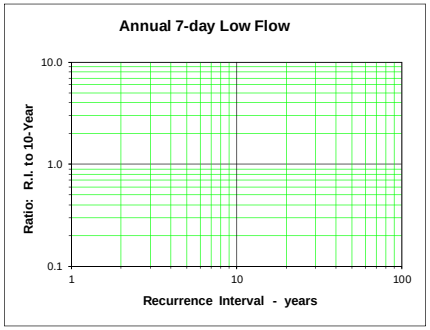
Monthly and Annual Discharge in m^3/s | Drainage Area = 2921.17 km^2 | Median Elevation = 704 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976			0.000	8.940	7.430	6.970	7.010	16.000	2.330	0.904					Aug 19	55.50	0.9527		1976
1977			0.169	25.100	31.500	21.700	2.730	1.480	0.846	1.060					May 13	167.00	0.5619		1977
1978			0.053	7.480	24.200	3.510	0.325	0.162	2.260	1.120					May 23	78.40	0.0601		1978
1979			0.069	8.340	24.300	13.700	16.800	2.840	1.410	0.601					Apr 28	84.30	0.6647		1979
1980			0.006	2.940	2.550	2.510	1.240	0.932	1.950	1.220							0.4916		1980
1981			0.121	34.900	34.700	6.010	1.860	0.199	0.079	0.119					Apr 25	207.00	0.0403		1981
1982			0.000	7.000	16.400	0.940	0.249	2.630	0.491	0.376					Apr 24	46.30	0.1409		1982
1983			0.006	12.000	5.810	7.660	7.120	2.120	0.314	0.423					Apr 23	57.80	0.1506		1983
1984			0.654	7.250	32.800	15.000	10.500	0.291	0.378	0.601					May 22	219.00	0.1666		1984
1985			0.006	12.000	10.400	2.890	1.050	0.181	2.780	2.690					Apr 13	39.00	0.0749		1985
1986			0.152	12.300	15.800	1.450	3.460	0.255	0.027	0.305					May 14	32.40			1986
1987			0.000	16.100	5.670	5.420	1.250	5.760	0.438	0.181					Apr 12	50.60	0.1287		1987
1988			0.019	13.400	14.300	8.590	26.900	1.770	0.464	0.392					Jul 13	90.80	0.3506		1988
1989			0.022	29.600	24.300	4.090	1.440	4.470	2.990	2.910					Apr 20	113.00	0.6340		1989
1990			0.710	38.900	24.500	18.700	4.740	0.156	0.020	0.082					Jun 12	98.20	0.0073		1990
1991			0.038	11.900	7.690	9.330	2.660	0.078	0.121	0.104					Jun 15	31.80	0.0054		1991
1992			5.780	24.100	14.100	2.340	0.378	0.024	0.675	0.907					May 01	74.80	0.0014		1992
1993			0.058	3.950	3.290	6.860	13.100	5.090	1.300	0.597					Jun 29	39.98	0.5897		1993
1994			0.112	42.900	15.900	2.370	4.350	2.110	0.268	0.380					Apr 23	91.00	0.1586		1994
1995			0.000	10.400	5.580	1.560	2.660	0.904	0.151	0.131					Apr 19	29.20	0.0923		1995
1996			0.074	30.700	21.400	7.260	5.660	2.320	25.100	3.280					Sep 02	199.00	0.9023		1996
1997			0.167	68.600	59.200	14.900	12.600	7.580	5.170	9.110					Apr 26	352.00	2.1971		1997
1998			0.216	13.900	10.000	1.910	2.760	0.371	0.029	0.156					Apr 07	52.90	0.0226		1998
1999			0.035	4.730	2.700	2.860	0.461	0.261	0.019	0.067					Apr 26	15.30	0.0151		1999
2000			0.002	0.908	4.580	4.860	13.400	4.870	9.680	2.120					Jul 09	61.90	1.9986		2000
2001			0.003	8.570	13.500	36.100	15.200	2.890	0.261	0.325					Jun 12	102.00	0.1753		2001
2002			0.061	7.630	53.600	5.690	1.760	1.210	0.815	0.698					May 02	244.00	0.3284		2002
2003			0.000					0.342	0.163	0.331					Apr 25	222.00			2003
2004			0.000	5.710	4.560	1.810	5.030	0.827	11.800	2.740					Sep 19	25.90	0.4049		2004
2005			4.960	47.000	10.700	4.100	2.860	3.030	0.844	1.110					Apr 13	78.80	0.2959		2005
2006			0.031	11.900	13.100	3.630	0.946	0.427	0.017	0.072					May 24	53.40	0.0044		2006
2007			0.000	50.000	47.700	8.650	8.950	5.430	3.310	0.717					Apr 27	298.35	0.3101		2007
2008			0.060	20.300	34.600	2.830	0.141	0.016	0.016	0.021					May 01	328.00	0.0104		2008
2009			0.000	20.300	16.100	1.940	0.691	0.036	0.074	0.205					Apr 17	157.53	0.0093		2009
2010			0.018	6.640	4.640	1.090	0.227	0.005	0.000	0.034					Apr 07	25.90			2010
2011																			2011
Avg.	#DIV/0!	#DIV/0!	0.39	18.42	18.16	7.04	5.31	2.20	2.19	1.03	#DIV/0!	#DIV/0!	#DIV/0!			112.44	0.3733	#DIV/0!	m^3/s
S. D.	#DIV/0!	#DIV/0!	1.26	15.88	14.71	7.30	6.13	3.13	4.76	1.66	#DIV/0!	#DIV/0!	#DIV/0!			92.96	0.5259	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	0.44	19.78	18.19	6.58	5.26	1.86	2.26	1.04	#DIV/0!	#DIV/0!	#DIV/0!	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	0	18	17	6	5	2	2	1	#DIV/0!	#DIV/0!	#DIV/0!	mm	10-Year	256.4	0.009	0.000	m^3/s







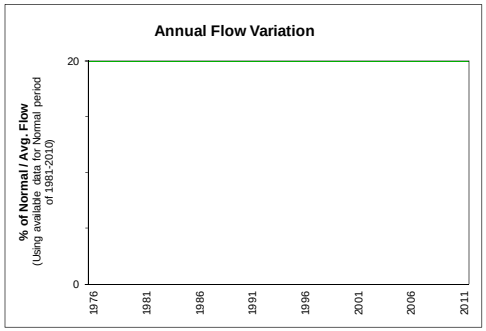


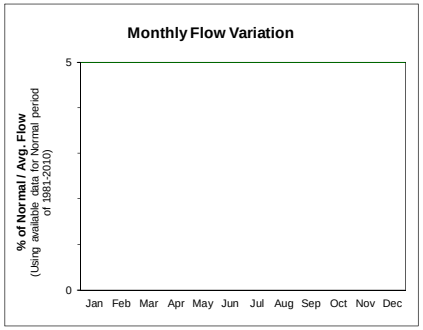
BEAVERLODGE RIVER NEAR BEAVERLODGE 07GD001

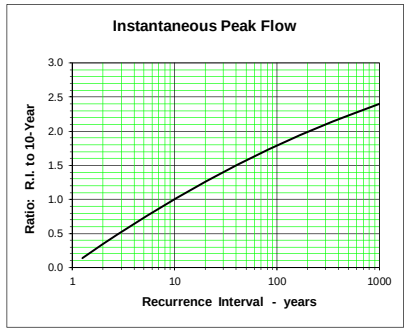
Station Longitude Latitude: -119.437200 55.189270

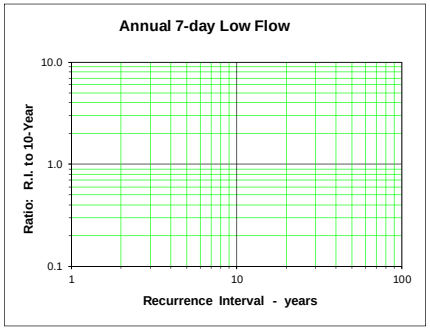
Monthly and Annual Discharge in m^3/s | Drainage Area = 1595.48 km^2 | Median Elevation = 814 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976			0.001	15.000	3.430	4.400	8.970	15.200	3.550	1.180					Aug 08	49.80	0.8450		1976
1977			0.272	15.100	20.500	15.300	3.630	0.904	0.310	1.270					May 10	37.40	0.2210		1977
1978			1.140	4.650	2.680	1.070	0.273	0.043	0.050	0.171					Apr 19	7.08	0.0029		1978
1979		0.000	0.531	10.600	15.300	6.250	1.550	0.097	0.007	0.001	0.002	0.00			Apr 28	46.60	0.0027		1979
1980	0.000	0.000	0.013	2.430	0.472	1.110	1.380	0.217	0.985	0.797	0.570	1.22			Dec 16	19.60	0.0527		1980
1981	0.112	0.188	4.620	9.340	11.000	7.090	0.226	0.001	0.000	0.000	0.001	0.00			Apr 24	19.90	0.0000		1981
1982	0.000	0.000	0.000	5.520	5.740	0.779	2.890	14.300	1.080	0.913	0.403	0.39			Aug 03	55.90	0.0546		1982
1983	0.196	0.100	0.138	17.300	8.410	2.670	13.900	3.170	0.204	0.127	0.153	0.13			Apr 16	58.60	0.1247		1983
1984	0.184	0.217	0.500	0.508	1.700	2.910	0.443	0.018	0.016	0.062	0.059	0.01			Jun 09	7.90	0.0016		1984
1985	0.001	0.000	1.560	2.490	0.437	0.031	0.006	0.000	0.001	0.004	0.000	0.00			Mar 19	10.80	0.0000		1985
1986	0.000	0.125	5.750	7.130	6.770	1.810	0.180	0.015	0.002	0.005	0.021	0.02			Mar 28	25.00	0.0007		1986
1987	0.002	0.000	0.001	6.610	0.306	0.693	0.030	1.060	0.116	0.036					Apr 05	23.30	0.0056		1987
1988			0.677	0.855	0.063	0.592	0.297	0.005	0.001	0.000					Apr 02	2.83	0.0000		1988
1989			0.001	1.760	0.054	0.044	0.244	0.555	0.551	0.477					Apr 12	6.28	0.0183		1989
1990			4.390	3.230	3.310	26.100	2.140	0.100	0.010	0.013					Jun 15	123.00	0.0029		1990
1991			1.480	7.060	2.350	0.334	0.054	0.003	0.008	0.011					Apr 02	26.50	0.0000		1991
1992			4.970	1.480	0.719	0.111	0.011	0.001	0.003	0.003					Mar 01	12.30	0.0000		1992
1993			0.190	0.826	0.065	0.079	0.861	0.462	0.007	0.007					Jul 20	2.82	0.0026		1993
1994			1.410	14.400	3.330	7.560	1.070	0.428	0.075	0.085					Apr 05	44.40	0.0541		1994
1995			0.258	19.800	6.170	1.100	4.380	0.312	0.005	0.008					Apr 11	60.30	0.0043		1995
1996			2.790	27.900	11.700	4.710	1.520	0.790	1.760	3.720					Apr 10	49.20	0.2186		1996
1997			0.678	38.600	28.500	7.020	8.480	2.880	0.646	1.070					Apr 20	85.30	0.3139		1997
1998			2.020	7.290	2.540	1.170	0.220	0.075	0.005	0.014					Mar 31	26.30	0.0026		1998
1999			0.003	12.500	3.910	0.807	0.050	0.005	0.001	0.001					Apr 18	52.10	0.0000		1999
2000			0.062	0.251	0.011	0.225	0.019	0.013	1.830	0.513					Sep 09	4.04	0.0084		2000
2001			0.022	1.180	0.283	0.941	2.290	1.200	0.059	0.007					Jul 25	7.81	0.0050		2001
2002			0.001	12.000	18.400	3.220	0.121	0.004	0.001	0.001					May 02	55.60	0.0000		2002
2003			0.000	23.700	5.760	0.972	0.086	0.005	0.002	0.003					Apr 22	77.20	0.0014		2003
2004			3.220	4.200	0.559	0.168	1.150	0.530	10.200	3.770					Sep 23	18.80	0.0120		2004
2005			8.350	12.800	14.400	6.370	0.711	0.410	0.296	0.719					May 12	36.50	0.1123		2005
2006			0.166	2.260	0.276	0.237	0.036	0.024	0.032	0.047					Apr 05	4.62	0.0214		2006
2007			0.000	6.910	24.400	2.690	0.130	0.029	0.029	0.034					May 08	57.20	0.0214		2007
2008			0.485	2.180	2.300	0.983	0.012	0.023	0.027	0.014							0.0083		2008
2009			0.000	7.580	1.530	0.252	2.630	0.222	0.001	0.000					Apr 11	33.68	0.0000		2009
2010			0.155	1.920	3.820	1.770	0.022	0.007	0.018	0.012					May 29	12.10	0.0000		2010
2011			0.000	13.000	7.170	8.090	27.000	4.480	0.395	0.108					Jul 16	61.60	0.1743		2011
Avg.	0.062	0.070	1.274	8.899	6.066	3.324	2.417	1.322	0.619	0.422	0.151	0.221	#DIV/0!			34.92	0.0637	#DIV/0!	m^3/s
S. D.	0.088	0.089	2.013	8.587	7.384	5.101	5.162	3.449	1.793	0.900	0.218	0.425	#DIV/0!			27.67	0.1542	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.071	0.090	1.463	8.653	5.627	2.781	1.474	0.888	0.566	0.389	0.106	0.092	#DIV/0!	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0	0	2	14	9	5	2	1	1	1	0	0	#DIV/0!	mm	10-Year	89.3	0.000	0.000	m^3/s







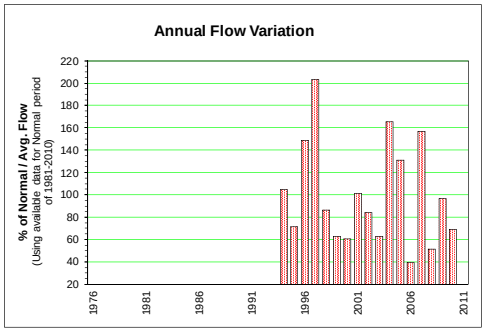


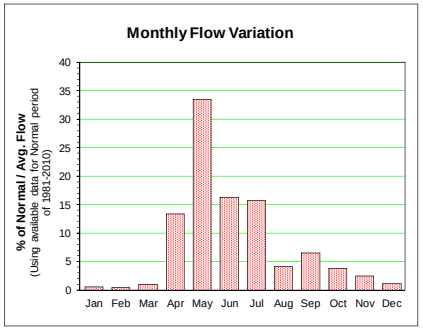
REDWILLOW RIVER NEAR RIO GRANDE 07GD004

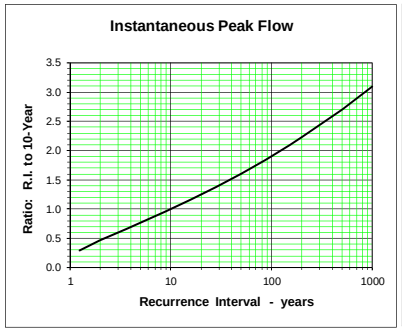
Station Longitude Latitude: -119.701600 55.078820

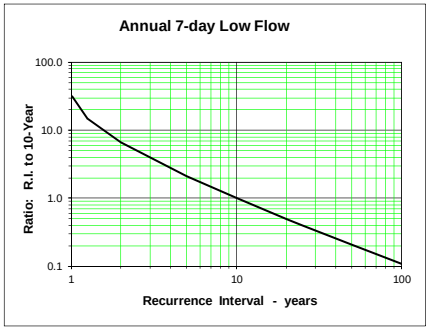
Monthly and Annual Discharge in m^3/s | Drainage Area = 1280.26 km^2 | Median Elevation = 1023 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981																		1981
1982																		1982
1983																		1983
1984																		1984
1985																		1985
1986																		1986
1987																		1987
1988																		1988
1989																		1989
1990																		1990
1991																		1991
1992																		1992
1993										0.767	0.761	0.377						1993
1994	0.282	0.283	0.852	15.000	15.700	21.400	7.200	1.980	2.670	1.700	1.210	0.793	5.75	Jun 15	96.70	1.311	0.270	1994
1995	0.572	0.494	0.520	9.090	19.200	6.650	5.350	2.790	0.703	0.645	0.531	0.555	3.95	May 12	29.80	0.340	0.270	1995
1996	0.484	0.426	1.120	17.700	28.900	15.700	9.740	4.390	6.690	8.520	2.660	1.520	8.17	Jun 01	48.10	1.123	0.394	1996
1997	0.873	0.729	0.923	17.000	46.500	21.500	23.500	9.250	3.490	5.990	2.810	0.531	11.18	Jul 14	97.50	1.681	0.473	1997
1998	0.422	0.371	0.688	4.230	9.490	9.510	22.600	0.695	0.390	4.890	2.380	0.690	4.74	Jul 03	122.00	0.293	0.293	1998
1999	0.460	0.515	0.497	15.100	17.700	5.080	1.080	0.344	0.156	0.273	0.139	0.110	3.46	Apr 26	52.00	0.104	0.095	1999
2000	0.132	0.116	0.189	1.010	3.000	7.800	5.560	1.180	14.400	3.880	2.520	0.468	3.34	Sep 06	44.70	0.847	0.096	2000
2001	0.186	0.066	0.108	1.970	6.370	10.700	39.200	5.510	0.425	0.458	0.525	0.351	5.56	Jul 19	192.00	0.366	0.041	2001
2002	0.209	0.147	0.140	4.130	25.700	15.400	2.120	1.680	2.650	1.460	0.956	0.478	4.61	May 23	56.00	0.727	0.133	2002
2003	0.052	0.073	0.155	10.400	18.800	6.750	3.370	0.432	0.252	0.301	0.470	0.260	3.46			0.182	0.005	2003
2004	0.088	0.146	0.581	4.310	7.750	17.400	14.800	8.250	37.100	7.990	8.630	2.630	9.10	Sep 03	137.00	3.584	0.054	2004
2005	1.010	0.789	3.430	15.300	32.700	15.000	4.100	2.830	2.450	4.410	2.280	1.640	7.20	May 09	75.80	1.048	0.599	2005
2006	0.422	0.364	0.351	4.080	9.250	6.220	1.240	1.600	0.366	0.438	1.080	0.731	2.19	May 30	31.50	0.309	0.267	2006
2007	0.601	0.589	0.729	13.700	67.900	9.180	2.220	2.790	1.550	1.630	1.050	0.587	8.63	May 05	136.00	0.699	0.492	2007
2008	0.366	0.288	0.497	0.891	21.400	7.620	0.479	0.471	0.513	0.498	0.499	0.390	2.84	May 26	47.20	0.388	0.249	2008
2009	0.181	0.122	0.054	3.550	18.800	3.760	29.700	2.340	0.734	1.250	1.480	0.990	5.32	Jul 09	134.00	0.480	0.030	2009
2010	0.707	0.516	0.617	14.700	20.000	6.540	0.762	0.119	0.151	0.527	0.467	0.346	3.80	Apr 23	43.30	0.080	0.080	2010
2011																		2011
Avg.	0.41	0.35	0.67	8.95	21.72	10.95	10.18	2.74	4.39	2.53	1.69	0.75	5.49	5.49		83.98	0.80	0.226	m^3/s
S. D.	0.27	0.23	0.77	6.18	16.01	5.65	11.69	2.69	9.14	2.73	1.94	0.62	2.54			48.22	0.85	0.181	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.41	0.35	0.67	8.95	21.72	10.95	10.18	2.74	4.39	2.53	1.69	0.75	5.49	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1	1	1	18	45	22	21	6	9	5	3	2	135	mm	10-Year	152.4	0.144	0.027	m^3/s







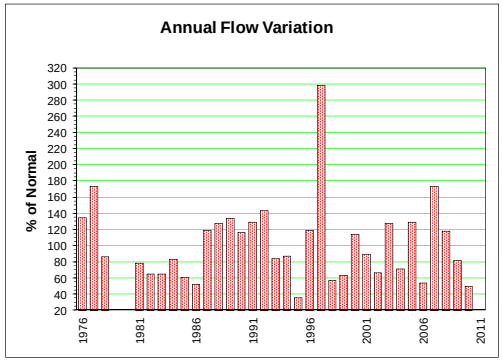


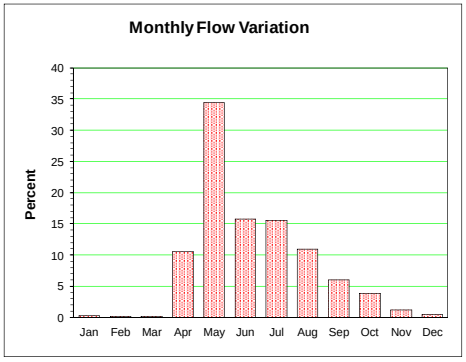
CHINCHAGA RIVER NEAR HIGH LEVEL 07OC001

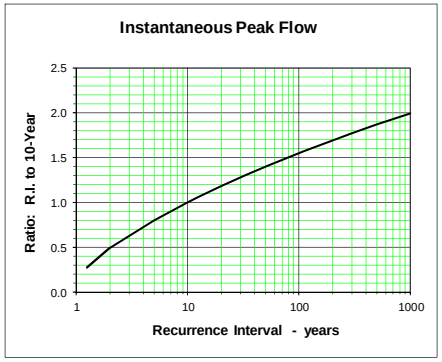
Station Longitude Latitude: -118.334100 58.597080

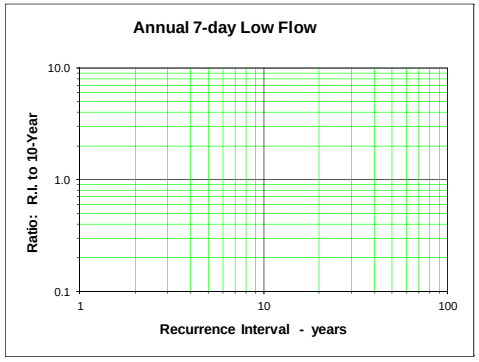
Monthly and Annual Discharge in m^3/s | Drainage Area = 10858.44 km^2 | Median Elevation = 702 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	0.383	0.193	0.136	43.30	48.50	76.80	84.90	123.00	40.50	18.30	6.10	1.67	37.1		Aug 20	433.00	17.97	0.054	1976
1977	1.630	1.430	1.260	59.20	103.00	304.00	54.40	21.10	13.90	10.30	3.39	0.96	47.7		Jun 13	725.00	10.32	0.695	1977
1978	0.786	0.791	0.669	10.40	124.00	47.30	8.50	10.50	52.10	22.30	4.61	2.42	23.8		May 01	348.00	3.83	0.594	1978
1979	1.110	0.771	0.597	8.08	265.00	180.00	113.00	22.00	17.30	8.53					Jul 06	412.00	9.15	0.330	1979
1980			0.000	6.23	5.15	13.40	13.80	18.30	16.50	20.00	4.13	0.60			Jul 30	46.70	5.04	0.000	1980
1981	0.319	0.238	0.393	39.60	177.00	19.10	12.40	3.31	1.00	1.16	1.59	0.53	21.6		May 04	497.00	0.78	0.053	1981
1982	0.179	0.119	0.138	0.90	182.00	10.30	2.04	5.63	4.64	3.09	0.97	0.62	17.8		May 05	328.00	1.72	0.087	1982
1983	0.452	0.378	0.374	30.40	76.70	32.40	22.00	26.00	14.60	7.02	2.86	0.68	17.9		Apr 27	163.00	8.42	0.348	1983
1984	0.376	0.285	0.188	11.30	44.20	53.00	108.00	15.70	25.40	10.90	4.05	1.21	23.0		Jul 11	237.00	6.64	0.162	1984
1985	0.535	0.082	0.102	34.00	98.90	12.80	6.36	4.59	16.40	19.30	5.00	2.59	16.9		May 08	240.00	3.11	0.048	1985
1986	1.350	0.836	0.569	16.70	84.20	18.50	26.80	9.94	3.21	5.79	2.92	1.40	14.5		May 15	131.00	2.08	0.393	1986
1987	0.571	0.060	0.037	52.10	89.60	89.70	16.40	123.00	10.50	5.49	2.44	1.28	32.8		Aug 06	476.00	6.62	0.022	1987
1988	0.490	0.335	0.458	22.80	88.90	91.50	169.00	21.80	8.00	5.96	5.32	3.33	35.0		Jul 04	395.00	6.16	0.251	1988
1989	1.120	0.520	0.253	30.20	273.00	56.20	11.30	18.60	18.50	18.90	5.91	3.89	36.9		May 04	557.00	9.30	0.201	1989
1990	2.190	1.180	0.928	78.70	156.00	115.00	20.30	4.48	2.20	1.71	0.87	0.68	32.1		Apr 26	294.00	1.93	0.464	1990
1991	0.201	0.109	0.088	28.10	67.10	137.00	140.00	17.90	21.90	8.20	3.23	1.76	35.6		Jun 18	508.00	8.49	0.079	1991
1992	2.330	1.930	7.100	111.00	164.00	77.70	20.20	7.88	31.90	41.50	6.65	1.22	39.5		May 04	413.00	5.86	0.461	1992
1993	0.335	0.240	0.336	10.60	21.20	27.40	68.80	90.40	33.10	14.10	5.53	3.39	23.2		Aug 16	205.84	7.70	0.205	1993
1994	2.010	1.550	1.510	105.00	128.00	19.80	15.50	6.91	2.56	2.86	1.01	0.50	24.0		Apr 27	400.00	2.22	0.385	1994
1995	0.404	0.314	0.295	11.80	47.30	13.30	23.10	14.30	4.47	1.65	0.66	0.53	9.9		May 01	87.90	2.15	0.290	1995
1996	0.641	0.503	0.407	39.20	130.00	46.30	37.10	45.40	66.20	15.10	7.35	3.62	32.7		May 03	290.00	14.13	0.321	1996
1997	1.640	1.110	0.943	42.90	262.00	129.00	117.00	201.00	101.00	90.00	26.00	4.99	82.2		Aug 04	477.00	47.36	0.898	1997
1998	2.100	1.350	1.470	29.70	32.90	25.00	69.00	18.30	3.17	2.42	0.65	1.38	15.7				2.20	0.259	1998
1999	0.813	0.359	0.548	14.50	33.20	71.30	41.10	31.20	8.12	4.64	2.25	1.48	17.5		Jun 13	205.00	6.69	0.338	1999
2000	1.110	0.773	0.622	3.84	94.00	87.90	55.60	75.20	37.40	11.50	4.39	1.55	31.3		Aug 14	201.00	20.60	0.585	2000
2001	0.713	0.566	0.431	11.60	52.70	75.10	74.20	59.30	11.70	4.82	1.79	1.33	24.7		Jul 26	246.00	7.84	0.414	2001
2002	1.170	0.882	0.596	0.63	76.50	30.00	16.50	57.40	16.60	12.10	2.91	1.55	18.3		Aug 05	179.22	6.52	0.573	2002
2003	0.054	0.000	0.000	79.00	156.00	40.50	92.90	26.90	7.53	9.03	3.84	0.88	35.0		Apr 28	343.00	4.94	0.000	2003
2004	0.829	0.597	0.603	21.30	41.40	22.30	13.80	31.50	62.50	29.00	9.58	2.92	19.7		Sep 27	99.10	5.83	0.503	2004
2005	1.140	0.664	0.882	117.00	160.00	56.70	27.70	37.20	9.53	9.61	1.69	1.11	35.4		Apr 27	415.00	8.05	0.550	2005
2006	0.407	0.403	0.355	24.30	31.30	22.80	38.40	49.10	4.05	3.09	2.15	1.31	14.9		Aug 08	129.00	2.48	0.311	2006
2007	0.969	0.692	0.402	57.10	251.00	44.10	128.00	17.00	37.90	20.00	5.60	2.88	47.6		May 09	641.00	10.15	0.168	2007
2008	1.740	0.926	1.170	3.84	173.00	92.40	77.60	22.30	6.19	4.69	2.47	1.42	32.6		May 08	270.00	3.94	0.762	2008
2009	1.120	0.925	0.877	13.60	127.00	44.40	42.40	8.23	15.30	7.86	2.59	1.88	22.4		May 10	235.54	3.89	0.793	2009
2010	0.916	0.842	0.837	19.20	36.80	24.90	26.60	16.60	25.20	9.25	2.83	1.72	13.9		Apr 27	86.90	11.63	0.701	2010
2011																			2011
Avg.	0.945	0.646	0.731	33.95	111.5	63.1	51.28	36.06	21.46	13.15	4.22	1.74	28.29	28.92		315	7.878	0.351	m^3/s
S. D.	0.622	0.467	1.178	31.37	74.03	58.24	43.88	41.92	21.82	15.92	4.38	1.11	13.81			165.98	8.188	0.247	m^3/s
Normal	0.941	0.626	0.764	35.36	111.86	52.88	50.67	35.57	20.36	12.69	4.17	1.79	27.50	m^3/s					
Normal	0	0	0	8	28	13	12	9	5	3	1	0	80	mm	10-Year	602.57	2.04	0.00	m^3/s









Zone 7 Southern Rocky Mountain Foothills

CARBON CREEK NEAR THE MOUTH 07EF004

Station Longitude Latitude: -122.658433 55.946026

Monthly and Annual Discharge in m^3/s | Drainage Area = 736.59 km^2 | Median Elevation = 1345 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984																			1984
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1988																			1988
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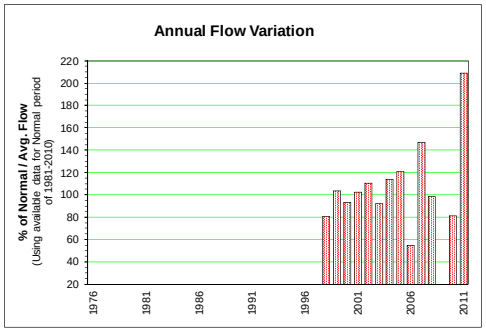
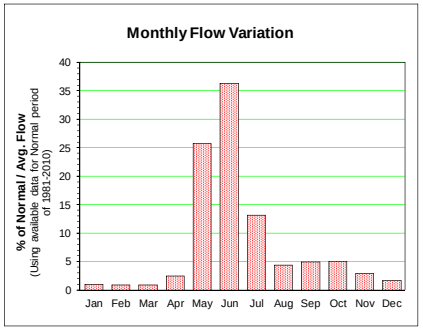
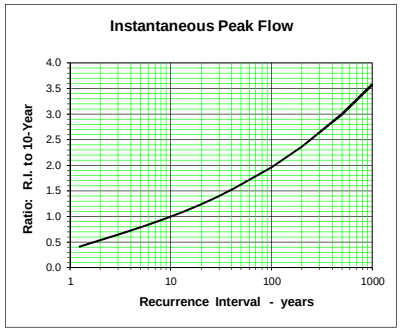
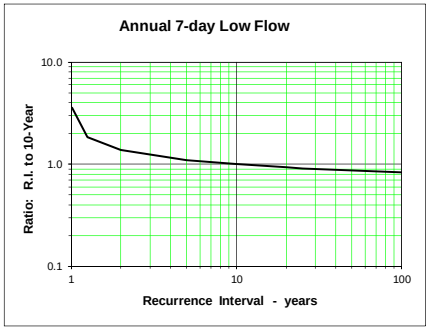
1990																			1990
1991																			1991
1992																			1992
1993																			1993
1994																			1994
1995																			1995
1996																			1996
1997																			1997
1998	1.49	1.38	1.41	2.74	71.60	17.70	6.15	2.60	1.76	5.04	3.51	1.80	9.87		May 27	147.00	1.70	1.219	1998
1999	1.25	1.17	1.11	5.54	30.70	77.70	18.70	6.65	2.42	2.76	2.51	1.74	12.68		Jun 16	181.00	1.94	1.030	1999
2000	1.32	1.20	0.92	1.03	9.21	56.10	23.20	7.06	18.20	9.10	7.89	2.58	11.44		Jun 09	92.10	5.82	0.667	2000
2001	1.62	1.10	1.00	1.67	23.10	67.50	32.50	7.72	5.56	3.60	2.83	2.40	12.57		Jun 10	124.00	4.15	0.840	2001
2002	1.78	1.42	1.34	1.66	29.40	78.90	21.10	8.03	5.98	5.79	3.30	3.50	13.52		Jun 04	142.00	4.50	1.197	2002
2003	1.94	1.33	1.01	1.83	25.30	54.80	25.20	3.52	5.41	7.70	4.95	2.56	11.32		Jun 10	135.00	2.14	0.863	2003
2004	1.40	1.36	1.49	5.32	32.90	38.20	24.50	11.80	26.20	14.30	6.27	3.45	13.95		Jun 07	103.00	6.56	1.193	2004
2005	2.21	3.12	3.30	14.10	63.90	45.30	11.10	5.39	7.48	11.10	6.97	3.03	14.80		May 29	139.00	3.51	2.066	2005
2006	1.71	1.48	1.19	2.54	32.50	29.30	5.04	2.33	1.35	1.18	1.06	1.10	6.75		Jun 02	78.90	1.25	0.948	2006
2007	1.10	0.96	1.02	1.91	34.60	98.90	33.20	13.60	6.55	15.20	6.32	2.66	18.03		Jun 05	199.00	5.05	0.761	2007
2008	1.48	1.03	0.72	1.11	61.30	50.00	10.90	6.43	4.41	3.19	2.10	1.69	12.06		May 17	166.81	3.38	0.659	2008
2009	1.62	1.36	1.12	1.83	28.10	55.80	28.60				3.31	2.31			Jul 07	225.00	5.08	1.104	2009
2010	1.75	1.40	1.20	7.01	41.30	34.40	6.64	2.32	4.12	9.93	6.14	2.91	9.96		May 20	111.00	1.73	1.023	2010
2011	1.55	0.95	0.70	0.79	64.40	123.00	83.40	6.92	7.05	9.06	4.70	3.39	25.60		Jun 25	403.00	3.77	0.640	2011
Avg.	1.59	1.38	1.25	3.51	39.17	59.11	23.59	6.49	7.42	7.53	4.42	2.51	13.27	13.27		160.49	3.61	1.015	m^3/s
S. D.	0.29	0.53	0.63	3.59	18.68	28.33	19.73	3.45	7.03	4.42	2.06	0.73	4.58			80.85	1.68	0.365	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.59	1.41	1.29	3.71	37.22	54.20	18.99	6.45	7.45	7.41	4.40	2.44	12.25	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	5	5	13	135	191	69	23	26	27	15	9	525	mm	10-Year	255.1	1.605	0.669	m^3/s







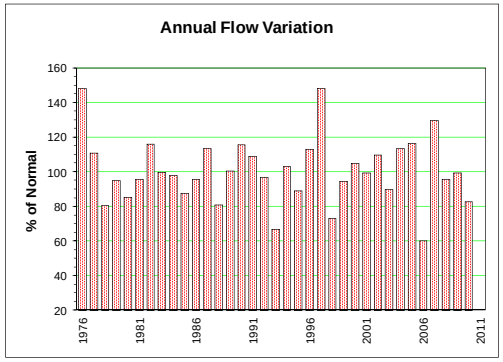


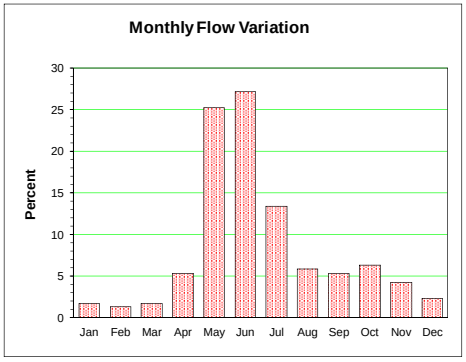
PINE RIVER AT EAST PINE 07FB001

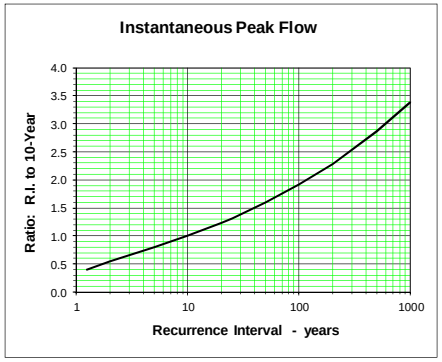
Station Longitude Latitude: -121.207800 55.720000

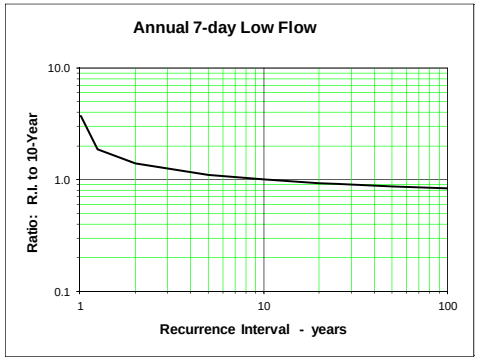
Monthly and Annual Discharge in m^3/s | Drainage Area = 12138.14 km^2 | Median Elevation = 1125 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	38.7	28.2	25.8	88.6	726.0	863.0	554.0	484.0	158.0	130.0	87.5	56.6	271.0		Jun 19	1243	101.36	24.64	1976
1977	43.9	51.7	50.0	176.0	611.0	559.0	327.0	152.0	158.0	175.0	84.6	36.9	202.9		May 12	1264	102.84	30.79	1977
1978	30.2	25.1	23.8	73.8	376.0	422.0	162.0	116.0	119.0	136.0	220.0	55.5	146.9		Nov 02	898	91.79	21.69	1978
1979	29.3	18.9	28.8	73.5	522.0	835.0	253.0	83.3	71.7	80.2	51.6	28.8	173.3		May 27	1480	66.74	17.44	1979
1980	18.1	17.2	15.8	70.9	387.0	495.0	230.0	128.0	183.0	145.0	117.0	66.5	156.2		Jun 19	1466	91.93	15.14	1980
1981	56.1	58.3	64.2	99.8	788.0	471.0	170.0	93.6	53.6	68.1	120.0	44.7	174.8		May 23	1646	43.23	36.16	1981
1982	24.0	20.3	17.4	31.6	436.0	743.0	572.0	223.0	172.0	147.0	95.2	47.1	211.7		Jul 15	2770	126.00	15.97	1982
1983	27.6	24.5	26.3	116.0	471.0	442.0	532.0	126.0	126.0	126.0	114.0	46.2	182.6		Jul 15	1490	90.74	21.53	1983
1984	39.6	42.9	46.6	89.6	337.0	621.0	240.0	104.0	183.0	293.0	101.0	46.2	178.6		Jun 13	999	91.73	37.27	1984
1985	33.6	25.0	28.3	66.6	511.0	527.0	188.0	99.0	202.0	133.0	64.8	35.9	160.0		May 31	1010	82.90	23.21	1985
1986	32.8	28.9	45.7	84.8	497.0	720.0	341.0	93.2	55.6	96.0	57.6	42.4	175.2		May 28	1640	43.53	25.66	1986
1987	46.4	40.2	29.6	126.0	684.0	640.0	215.0	356.0	78.0	64.8	151.0	48.3	207.5		Aug 02	2220	57.09	28.70	1987
1988	29.9	29.8	34.9	128.0	524.0	470.0	170.0	102.0	59.3	91.8	74.3	59.3	148.0		Jun 07	1160	42.57	26.03	1988
1989	44.8	33.4	29.3	77.2	581.0	549.0	206.0	165.0	82.4	103.0	181.0	146.0	184.0		May 08	1060	66.79	28.50	1989
1990	51.6	32.4	42.9	138.0	641.0	1100.0	251.0	83.6	47.5	54.9	50.0	42.4	211.4		Jun 13	4000	38.57	30.91	1990
1991	29.4	29.2	31.4	207.0	727.0	629.0	242.0	105.0	101.0	170.0	61.4	50.0	199.4		May 14	1200	64.70	26.61	1991
1992	44.1	38.7	112.0	301.0	427.0	510.0	130.0	60.0	159.0	243.0	71.6	28.5	176.9		Jun 02	886	49.39	19.89	1992
1993	20.6	21.6	23.4	71.0	451.0	195.0	243.0	140.0	67.7	76.4	98.2	45.9	122.1		May 14	1020	61.23	19.27	1993
1994	27.7	22.6	39.6	263.0	664.0	582.0	258.0	92.4	85.6	103.0	72.1	43.7	188.5		Jun 14	1630	64.29	20.41	1994
1995	35.0	33.8	41.9	103.0	661.0	442.0	244.0	137.0	63.7	88.1	49.3	40.8	162.7		May 16	1190	53.41	32.47	1995
1996	30.9	27.2	27.6	167.0	396.0	750.0	435.0	185.0	169.0	188.0	62.0	40.6	206.6		Jun 05	1572	120.71	25.50	1996
1997	32.6	34.6	40.0	159.0	805.0	980.0	396.0	163.0	112.0	321.0	147.0	48.2	270.9		May 17	1740	98.14	30.24	1997
1998	36.1	32.0	32.2	101.0	689.0	245.0	164.0	53.3	42.3	106.0	57.4	34.9	133.8		May 27	854	40.40	28.87	1998
1999	25.9	24.6	27.0	155.0	471.0	671.0	301.0	141.0	71.2	72.7	54.1	52.3	172.7		May 26	1350	54.29	22.64	1999
2000	36.9	24.9	32.7	56.3	270.0	612.0	369.0	147.0	389.0	188.0	149.0	30.9	191.9		Jul 04	1050	83.56	22.44	2000
2001	27.0	25.2	24.1	69.8	362.0	625.0	628.0	162.0	86.8	63.1	48.6	42.6	181.3		Jul 21	2540	74.73	20.97	2001
2002	34.7	23.8	20.2	32.6	486.0	993.0	305.0	112.0	134.0	150.0	53.3	59.9	200.7		Jun 18	1780	74.99	18.59	2002
2003	40.8	27.7	25.3	118.0	451.0	603.0	232.0	81.3	101.0	173.0	70.2	37.8	163.9		May 25	1260	64.91	18.19	2003
2004	33.3	30.8	46.8	125.0	442.0	509.0	300.0	149.0	345.0	188.0	226.0	93.3	207.3		Jun 07	1560	97.51	26.06	2004
2005	56.0	59.4	72.5	224.0	707.0	506.0	221.0	140.0	117.0	225.0	137.0	78.6	212.8		May 17	1170	90.91	50.04	2005
2006	51.2	36.9	30.3	84.1	435.0	335.0	122.0	71.2	43.0	42.1	36.7	26.9	110.0		May 24	810	36.24	23.63	2006
2007	22.1	20.9	25.2	112.0	650.0	997.0	312.0	158.0	120.0	242.0	122.0	54.1	236.9		Jun 05	2210	79.99	20.34	2007
2008	36.5	28.8	26.9	38.6	759.0	593.0	203.0	111.0	84.9	67.0	91.1	52.0	174.8		May 19	1470	55.81	25.57	2008
2009	36.1	27.2	21.5	34.4	451.0	678.0	548.0	97.7	70.6	60.0	93.2	50.5	181.5		Jul 08	2410	51.46	20.81	2009
2010	41.2	38.0	36.7	180.0	509.0	411.0	111.0	51.8	128.0	149.0	108.0	47.3	151.2		May 20	1020	41.16	33.56	2010
2011																			2011
Avg.	35.56	30.99	35.62	115.49	540.1	609.2	290.71	136.18	121.14	135.98	96.51	50.33	183.72	188.67		1516	71.30	25.42	m^3/s
S. D.	9.54	10.04	18.10	63.80	141.48	207.04	136.59	81.98	76.20	69.21	47.35	21.35	34.81			654.95	24.19	7.00	m^3/s
Normal	36.15	31.45	36.75	118.65	542.77	604.97	288.30	126.77	118.34	136.43	93.90	50.58	182.66	m^3/s					
Normal	8	6	8	25	120	129	64	28	25	30	20	11	475	mm	10-Year	2664.47	45.85	18.07	m^3/s







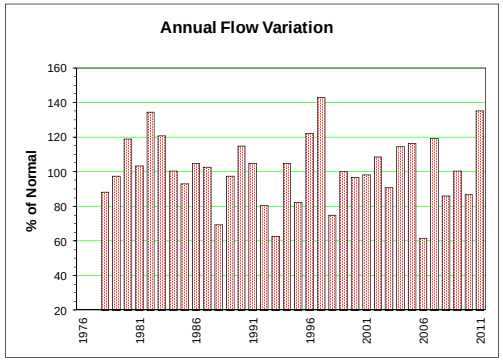


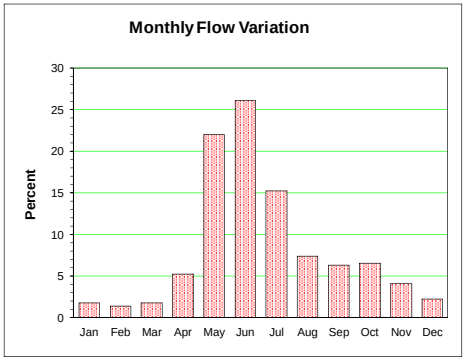
MURRAY RIVER NEAR THE MOUTH 07FB002

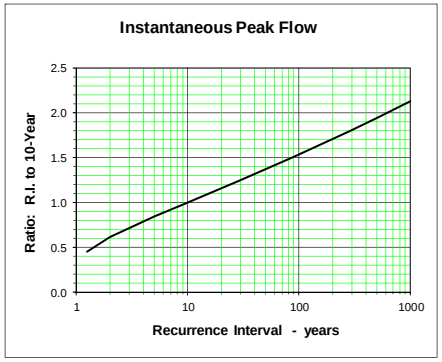
Station Longitude Latitude: -121.200492 55.553868

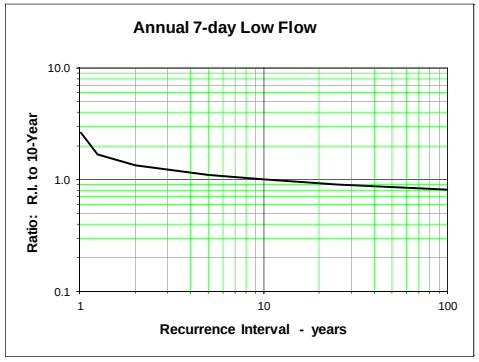
Monthly and Annual Discharge in m^3/s | Drainage Area = 5554.35 km^2 | Median Elevation = 1162 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977									91.7	103.0	45.7	20.1							1977
1978	15.1	12.2	11.1	27.1	156.0	201.0	110.0	80.3	72.1	73.6	96.7	20.6	73.2		May 22	357.00	54.33	10.69	1978
1979	13.9	10.3	12.9	25.1	172.0	395.0	183.0	61.7	38.7	35.1	12.2	9.5	81.0		Jun 06	654.00	29.70	8.98	1979
1980	8.5	8.3	7.7	35.3	193.0	296.0	180.0	110.0	151.0	106.0	52.8	34.3	98.7		Jun 18	689.00	84.93	7.56	1980
1981	27.2	28.2	31.4	47.8	358.0	241.0	106.0	47.9	28.8	30.0	54.7	23.0	85.7		May 23	665.00	22.37	19.04	1981
1982	13.6	11.5	9.8	17.4	201.0	361.0	290.0	161.0	137.0	66.3	39.6	26.3	111.7		Jul 16	781.42	82.93	8.86	1982
1983	17.4	13.4	13.4	64.6	211.0	262.0	311.0	84.6	73.6	67.9	59.9	17.7	100.2		Jul 16	632.00	51.63	12.64	1983
1984	14.8	16.3	17.7	32.6	118.0	246.0	123.0	60.7	94.4	187.0	62.5	28.2	83.5		Oct 10	575.00	49.09	12.96	1984
1985	19.1	12.1	13.7	35.9	190.0	247.0	108.0	61.1	109.0	75.3	34.9	19.3	77.3		May 31	412.00	43.10	11.11	1985
1986	17.5	15.7	26.7	51.0	229.0	308.0	182.0	60.2	40.7	56.1	31.0	22.3	87.0		May 27	671.00	32.16	13.81	1986
1987	24.3	21.1	16.2	60.3	230.0	247.0	92.2	183.0	41.9	32.8	50.4	18.9	85.2		Aug 02	759.00	31.20	15.34	1987
1988	13.3	13.2	16.0	50.4	171.0	192.0	91.6	50.3	24.2	35.3	19.9	14.9	57.8		Jun 12	294.00	14.70	11.71	1988
1989	13.3	11.7	10.3	30.8	238.0	286.0	110.0	80.1	43.7	43.4	62.4	36.8	80.8		Jun 10	577.00	36.37	10.03	1989
1990	23.4	16.2	21.1	60.9	269.0	466.0	135.0	49.9	32.1	30.3	22.4	17.2	95.4		Jun 12	1072.33	28.69	15.40	1990
1991	13.7	13.7	14.7	95.9	278.0	299.0	121.0	56.4	46.0	52.6	28.3	21.5	87.0		Jun 11	411.00	34.89	12.83	1991
1992	18.4	15.2	40.4	102.0	157.0	185.0	56.7	32.4	65.9	84.2	31.8	14.1	66.9		Jun 02	357.00	25.56	9.70	1992
1993	9.7	8.8	10.1	29.0	163.0	89.7	115.0	63.8	34.0	35.7	40.4	21.1	52.1		May 14	423.00	29.81	8.29	1993
1994	13.0	10.8	20.9	115.0	270.0	275.0	146.0	54.2	44.7	45.0	27.5	18.4	87.0		Jun 14	700.00	36.17	9.99	1994
1995	15.8	15.5	18.8	45.9	246.0	184.0	101.0	80.1	35.5	33.8	21.7	19.1	68.5		May 16	465.00	27.73	15.09	1995
1996	14.7	13.6	14.7	82.5	206.0	338.0	209.0	102.0	92.8	89.8	35.6	19.4	101.6		Jun 05	622.00	63.44	12.23	1996
1997	16.1	16.1	19.3	95.1	323.0	381.0	213.0	85.4	60.8	134.0	54.6	21.2	118.8		May 17	613.00	52.53	15.01	1997
1998	17.7	16.1	16.0	36.0	268.0	116.0	112.0	39.2	26.2	48.9	28.5	17.8	62.4		Jul 02	420.00	23.89	14.43	1998
1999	13.4	12.9	14.1	68.1	211.0	295.0	158.0	81.0	44.2	43.4	27.8	26.3	83.2		May 26	623.00	34.91	11.71	1999
2000	18.3	12.3	14.8	25.9	98.6	254.0	165.0	72.6	164.0	75.3	52.7	12.8	80.4		Jun 09	478.00	49.61	10.96	2000
2001	11.5	10.5	10.8	26.2	131.0	254.0	318.0	83.5	45.7	34.0	28.4	20.6	81.7		Jul 18	1340.00	35.99	9.21	2001
2002	14.9	10.9	9.6	15.6	172.0	445.0	147.0	63.6	72.9	69.7	29.0	30.7	90.2		Jun 18	838.00	45.47	8.58	2002
2003	20.4	15.0	14.4	57.2	195.0	242.0	104.0	54.6	61.3	87.9	31.0	19.1	75.4		May 26	547.00	45.91	11.26	2003
2004	15.8	13.5	17.7	44.0	168.0	248.0	147.0	77.6	155.0	90.0	117.0	47.2	95.0		Jun 08	887.00	60.33	12.13	2004
2005	30.8	27.7	26.4	91.2	287.0	228.0	115.0	83.6	72.2	99.9	62.0	29.8	96.5		May 17	487.00	62.86	23.26	2005
2006	24.0	18.7	13.6	38.3	174.0	147.0	72.3	49.1	25.6	21.4	15.9	13.1	51.3		May 24	335.00	20.89	11.81	2006
2007	11.7	10.5	13.9	52.7	263.0	373.0	152.0	76.9	62.6	98.5	48.1	22.2	99.1		Jun 05	915.00	42.66	10.16	2007
2008	20.1	15.7	13.8	15.4	260.0	217.0	104.0	67.8	49.8	34.3	35.1	20.7	71.4		May 19	506.00	34.09	13.17	2008
2009	16.5	13.3	11.9	16.2	169.0	268.0	295.0	61.1	48.5	32.3	42.6	22.6	83.5		Jul 08	1120.00	36.94	11.83	2009
2010	21.9	19.8	17.7	79.0	204.0	200.0	79.5	37.7	72.9	74.2	41.0	15.9	72.1		May 20	416.00	25.69	14.39	2010
2011	12.4	9.7	10.9	31.3	334.0	379.0	301.0	88.7	77.5	57.2	18.8	19.5	112.3		Jul 10	955.00	41.31	7.15	2011
Avg.	16.83	14.43	16.25	50.05	215.1	269.6	154.51	73.59	66.77	65.26	41.80	21.78	83.94	83.95		635	40.94	12.10	m^3/s
S. D.	4.94	4.54	6.71	27.32	61.19	86.49	72.48	30.77	37.75	34.93	21.60	7.31	16.17			243.90	16.36	3.27	m^3/s
Normal	17.41	15.00	17.00	52.76	215.29	263.16	149.31	72.05	63.53	63.64	41.22	21.94	82.96	m^3/s					
Normal	8	7	8	25	104	123	72	35	30	31	19	11	471	mm	10-Year	959.18	23.06	8.57	m^3/s







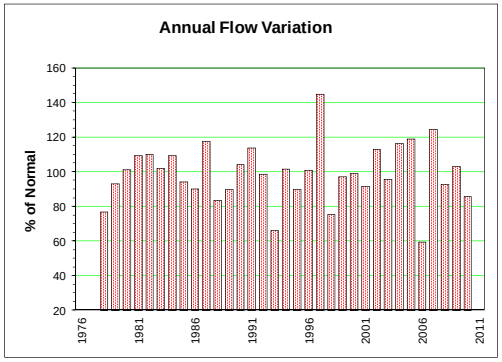


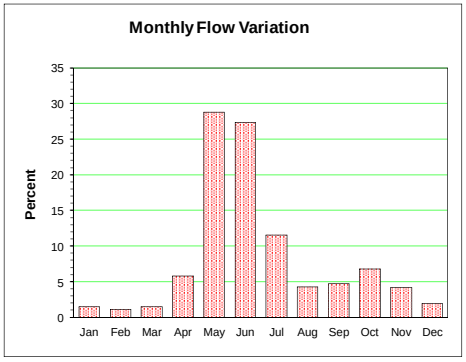
SUKUNKA RIVER NEAR THE MOUTH 07FB003

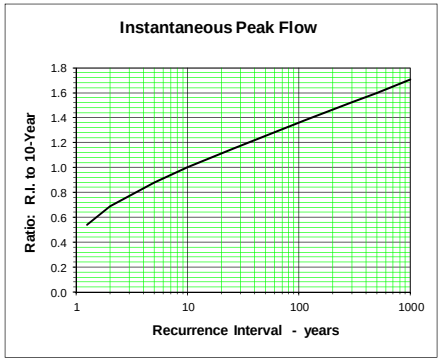
Station Longitude Latitude: -121.625781 55.543663

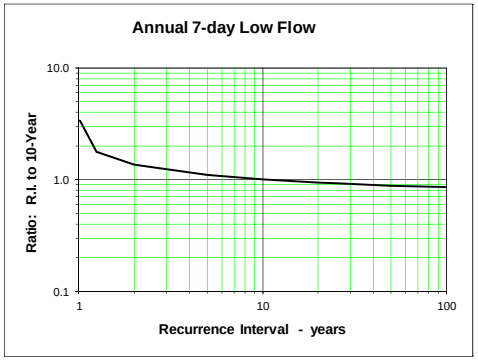
Monthly and Annual Discharge in m^3/s | Drainage Area = 2591.32 km^2 | Median Elevation = 1198 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977									50.3	63.3	32.6	13.7							1977
1978	7.4	5.7	5.2	16.0	117.0	120.0	38.2	25.5	33.9	45.6	78.4	15.5	42.4		Nov 02	362.00	16.37	4.96	1978
1979	7.3	4.6	8.3	20.5	152.0	252.0	91.1	22.9	15.6	24.2	9.8	6.9	51.4		May 27	507.00	11.33	4.22	1979
1980	5.4	4.2	3.9	72.6	143.0	123.0	75.2	33.0	101.0	44.7	46.8	16.4	55.7		Sep 06	399.00	22.59	3.74	1980
1981	16.4	18.7	20.6	42.6	298.0	161.0	51.4	16.1	9.1	22.7	49.4	13.4	60.2		May 22	684.00	7.54	7.54	1981
1982	7.1	5.9	5.1	8.2	151.0	211.0	144.0	52.6	55.8	47.8	25.6	10.5	60.7		Jul 15	808.00	28.37	4.63	1982
1983	6.3	5.5	6.5	47.4	175.0	134.0	137.0	18.2	37.4	47.9	46.4	9.8	56.3		Jul 15	470.00	10.77	4.87	1983
1984	8.3	8.6	11.2	31.2	119.0	202.0	84.6	37.0	69.6	112.0	24.3	14.7	60.3		Oct 09	567.00	29.97	7.70	1984
1985	8.5	5.6	5.9	26.3	189.0	181.0	52.6	15.2	68.2	43.7	16.0	9.9	52.0		May 21	388.00	11.13	5.24	1985
1986	9.5	8.7	14.7	27.7	176.0	184.0	82.7	24.2	13.0	26.2	15.7	11.0	49.7		May 27	627.00	9.38	7.68	1986
1987	10.7	9.3	8.1	47.1	247.0	213.0	57.5	79.0	17.5	21.6	45.2	17.4	64.7		Jun 13	541.00	12.31	7.93	1987
1988	7.2	5.1	7.1	46.0	189.0	148.0	46.3	24.7	13.9	28.1	20.1	15.3	46.0		Jun 06	437.00	8.53	4.33	1988
1989	10.9	6.4	5.8	29.7	189.0	151.0	44.3	28.2	15.7	31.1	54.9	25.1	49.5		May 08	375.00	12.73	5.66	1989
1990	11.2	9.1	11.1	38.5	205.0	277.0	65.2	18.0	8.3	20.9	14.4	9.3	57.4		Jun 12	788.00	4.54	4.39	1990
1991	7.3	8.3	10.0	66.9	246.0	192.0	62.7	24.3	25.6	70.5	18.0	16.3	62.6		Oct 11	446.00	13.00	6.94	1991
1992	16.3	14.5	31.7	88.6	141.0	152.0	31.5	8.0	68.7	76.3	17.9	7.8	54.4		Jun 02	319.00	5.01	5.01	1992
1993	5.5	4.7	4.7	25.6	158.0	58.7	65.9	29.4	14.2	22.4	34.0	11.2	36.5		May 13	412.00	11.86	4.21	1993
1994	8.0	7.8	19.1	82.7	235.0	185.0	52.3	13.6	16.9	26.5	13.6	8.1	55.9		Jun 14	404.74	8.91	7.47	1994
1995	8.3	9.2	10.7	29.0	239.0	140.0	51.8	34.2	12.4	28.9	14.1	11.3	49.4		May 16	450.00	8.57	7.37	1995
1996	7.7	6.2	6.2	53.4	120.0	203.0	115.0	36.4	38.1	52.4	18.0	10.3	55.6		Jun 05	409.23	21.76	5.71	1996
1997	7.3	8.1	10.9	65.5	259.0	293.0	91.4	33.6	24.0	108.0	41.7	10.4	79.7		May 16	607.00	20.26	6.97	1997
1998	7.9	7.3	8.1	37.5	250.0	68.9	35.0	10.5	7.6	34.8	16.7	9.1	41.5		May 03	342.00	6.81	6.57	1998
1999	6.9	6.6	7.2	52.3	166.0	216.0	77.6	30.3	19.3	22.9	18.3	18.4	53.6		May 25	522.00	14.46	6.01	1999
2000	12.1	6.6	7.5	15.5	89.4	187.0	92.4	33.6	99.8	60.5	42.8	8.9	54.6		Jul 03	392.00	19.41	6.02	2000
2001	7.7	5.8	5.4	18.4	126.0	184.0	156.0	34.6	18.6	18.3	15.9	12.9	50.6		Jul 21	813.00	14.56	4.81	2001
2002	8.9	5.4	4.6	9.4	164.0	342.0	80.9	22.8	36.1	40.3	15.2	16.3	62.2		May 30	668.00	16.46	4.22	2002
2003	10.7	7.8	7.3	32.2	172.0	200.0	68.6	16.5	26.3	54.1	25.4	11.0	52.8		May 25	589.00	12.27	5.68	2003
2004	10.6	10.7	14.2	45.3	164.0	154.0	100.0	41.3	81.9	53.4	70.8	21.9	64.0		Jun 07	606.00	21.64	9.39	2004
2005	17.1	21.4	22.6	69.8	246.0	140.0	56.8	38.2	32.3	79.3	43.5	15.9	65.5		May 15	709.00	21.41	15.19	2005
2006	14.3	11.3	8.2	31.4	150.0	93.5	31.2	18.0	7.8	9.9	9.4	7.8	32.9		May 23	285.00	6.62	6.62	2006
2007	7.6	7.0	8.0	33.7	192.0	316.0	84.7	37.5	28.4	67.6	27.7	10.9	68.6		Jun 04	704.00	18.80	6.84	2007
2008	8.6	6.5	6.0	9.2	246.0	173.0	50.5	25.7	20.6	20.6	31.3	13.7	51.1		May 18	544.00	13.99	5.85	2008
2009	9.0	6.3	4.6	18.2	147.0	228.0	162.0	21.1	18.5	18.6	29.8	15.0	56.7		Jul 08	744.00	13.30	4.35	2009
2010	13.3	12.3	10.8	54.5	159.0	121.0	30.6	11.6	49.9	56.3	34.7	12.6	47.3		Sep 26	415.00	9.47	9.47	2010
2011																			2011
Avg.	9.43	8.22	9.73	39.18	182.4	181.9	74.76	27.75	34.01	44.16	29.95	12.91	54.60	54.60		525	14.06	6.29	m^3/s
S. D.	3.09	3.84	6.08	21.39	50.19	64.52	35.49	13.66	26.12	24.94	17.11	4.10	9.27			151.31	6.37	2.20	m^3/s
Normal	9.71	8.56	10.12	39.46	186.91	183.64	75.42	27.81	31.85	44.12	28.36	12.88	55.08	m^3/s					
Normal	10	8	10	39	193	184	78	29	32	46	28	13	671	mm	10-Year	730.82	6.91	4.25	m^3/s







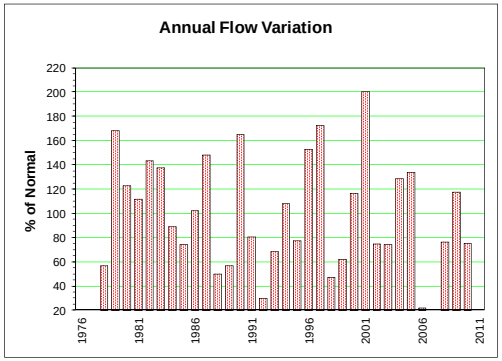


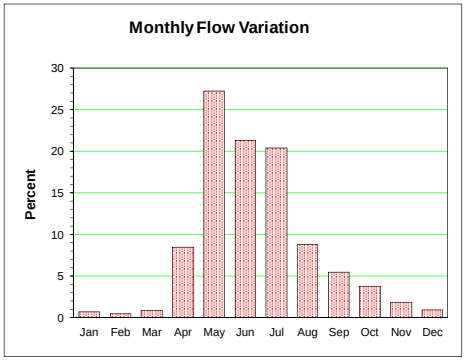
DICKEBUSCH CREEK NEAR THE MOUTH 7FB004

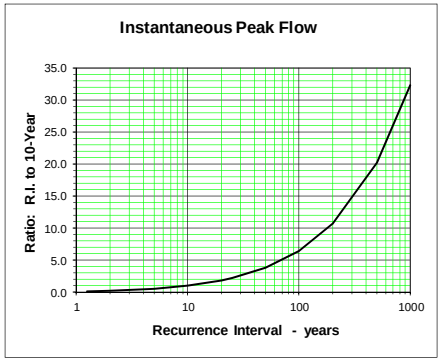
Station Longitude Latitude: -121.596657 55.537778

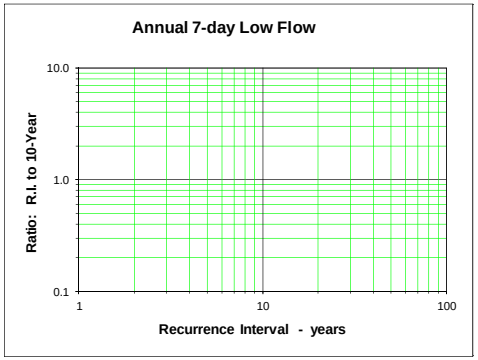
Monthly and Annual Discharge in m^3/s | Drainage Area = 84.83 km^2 | Median Elevation = 1053 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978	0.023	0.022	0.025	0.104	1.240	1.150	0.502	0.246	0.319	0.140	0.121	0.031	0.328		Jun 06	2.83	0.133	0.020	1978
1979	0.009	0.003	0.014	1.100	6.740	1.980	1.250	0.227	0.164	0.071	0.007	0.005	0.974		May 25	18.01	0.092	0.002	1979
1980	0.002	0.000	0.005	0.224	0.765	3.070	1.230	1.230	1.190	0.440	0.219	0.156	0.710		Jun 19	19.45	0.522	0.000	1980
1981	0.177	0.117	0.114	1.010	3.470	1.840	0.596	0.206	0.088	0.074	0.040	0.006	0.648		May 31	12.50	0.074	0.001	1981
1982	0.001	0.004	0.009	0.021	1.960	1.260	3.910	1.690	0.241	0.422	0.217	0.079	0.829		Jul 15	23.20	0.166	0.000	1982
1983	0.032	0.018	0.015	0.696	1.620	2.340	4.170	0.240	0.123	0.147	0.069	0.006	0.796		Jul 14	36.60	0.113	0.002	1983
1984	0.002	0.014	0.039	0.255	1.910	1.730	0.272	0.162	0.548	0.767	0.328	0.145	0.515		May 17	5.75	0.150	0.001	1984
1985	0.083	0.046	0.057	0.688	1.760	0.520	0.118	0.171	1.130	0.442	0.085	0.061	0.431		Sep 13	5.09	0.083	0.037	1985
1986	0.057	0.038	0.050	0.392	2.950	1.390	1.000	0.193	0.271	0.497	0.115	0.104	0.593		May 26	6.39	0.105	0.028	1986
1987	0.090	0.082	0.068	0.946	1.210	0.246	0.559	6.540	0.187	0.109	0.082	0.029	0.857		Aug 01	273.00	0.114	0.022	1987
1988	0.015	0.024	0.035	0.885	0.622	1.360	0.210	0.113	0.093	0.094	0.020	0.028	0.290		Jun 06	13.90	0.089	0.007	1988
1989	0.010	0.004	0.004	0.213	0.914	0.765	0.448	0.704	0.285	0.347	0.143	0.092	0.330		Jun 27	3.47	0.209	0.000	1989
1990	0.048	0.018	0.076	0.660	2.510	7.400	0.398	0.199	0.087	0.055	0.026	0.037	0.955		Jun 11	99.50	0.060	0.010	1990
1991	0.031	0.041	0.075	0.705	2.090	2.070	0.221	0.073	0.091	0.101	0.050	0.052	0.467		May 13	8.72	0.064	0.013	1991
1992	0.048	0.027	0.221	0.763	0.557	0.223	0.052	0.028	0.054	0.086	0.033	0.009	0.175		Apr 03	1.71	0.021	0.001	1992
1993	0.000	0.005	0.017	0.203	0.595	0.825	1.870	0.643	0.317	0.155	0.060	0.014	0.396		Jun 23	4.35	0.169	0.000	1993
1994	0.010	0.009	0.055	1.050	1.430	2.460	1.630	0.448	0.161	0.161	0.041	0.034	0.626		Jun 14	16.50	0.130	0.006	1994
1995	0.041	0.044	0.055	0.741	2.430	0.489	1.190	0.140	0.068	0.046	0.037	0.030	0.447		May 10	4.85	0.053	0.013	1995
1996	0.021	0.017	0.035	1.140	2.430	3.250	1.390	0.736	0.799	0.451	0.194	0.157	0.885		May 31	20.30	0.389	0.006	1996
1997	0.163	0.080	0.051	0.900	3.970	2.980	0.654	0.803	0.489	1.200	0.480	0.143	0.998		May 16	12.97	0.265	0.047	1997
1998	0.069	0.061	0.100	0.452	1.520	0.469	0.320	0.064	0.045	0.111	0.046	0.028	0.276		May 03	4.04	0.036	0.019	1998
1999	0.015	0.011	0.019	0.646	1.140	1.270	0.842	0.133	0.074	0.071	0.037	0.035	0.359		Jun 09	4.63	0.053	0.010	1999
2000	0.014	0.001	0.009	0.133	0.291	1.120	2.740	0.465	2.760	0.306	0.245	0.024	0.675		Jul 03	36.50	0.291	0.000	2000
2001	0.016	0.010	0.009	0.105	0.917	2.220	9.780	0.410	0.129	0.095	0.046	0.021	1.162		Jul 18	164.28	0.034	0.006	2001
2002	0.012	0.007	0.006	0.040	2.330	1.570	0.244	0.274	0.341	0.170	0.127	0.056	0.434		May 14	4.97	0.110	0.005	2002
2003	0.003	0.000	0.002	0.573	2.560	1.180	0.367	0.119	0.082	0.098	0.100	0.048	0.431		May 25	5.10	0.058	0.000	2003
2004	0.017	0.002	0.007	0.453	0.761	0.602	2.140	1.430	1.840	0.726	0.564	0.352	0.744		Jul 04	11.20	0.300	0.002	2004
2005	0.218	0.156	0.429	2.710	3.000	1.250	0.485	0.358	0.346	0.187	0.076	0.063	0.775		May 06	16.80	0.136	0.039	2005
2006	0.008	0.003	0.004	0.122	0.507	0.256	0.158	0.145	0.116	0.120	0.054	0.040	0.129		May 26	1.26	0.039	0.003	2006
2007	0.028	0.020	0.014	0.139	2.880						0.112	0.066			May 05	7.49		0.013	2007
2008	0.047	0.045	0.044	0.219	2.720	0.991	0.146	0.357	0.221	0.157	0.226	0.088	0.441		May 24	6.72	0.084	0.033	2008
2009	0.050	0.039	0.034	0.104	1.900	0.831	4.260	0.384	0.105	0.149	0.132	0.073	0.681		Jul 07	51.88	0.077	0.034	2009
2010	0.060	0.064	0.084	0.995	2.760	0.680	0.095	0.050	0.156	0.119	0.072	0.051	0.435		May 21	11.80	0.035	0.035	2010
2011																			2011
Avg.	0.043	0.031	0.054	0.587	1.953	1.556	1.351	0.593	0.404	0.254	0.127	0.066	0.587	0.59		28	0.13	0.01	m^3/s
S. D.	0.052	0.036	0.080	0.522	1.281	1.354	1.942	1.157	0.584	0.257	0.127	0.067	0.259			54.43	0.11	0.01	m^3/s
Normal	0.046	0.034	0.058	0.599	1.857	1.503	1.388	0.596	0.388	0.257	0.129	0.066	0.579	m^3/s					
Normal	1	1	2	18	59	46	44	19	12	8	4	2	215	mm	10-Year	57.71	0.04	0.00	m^3/s







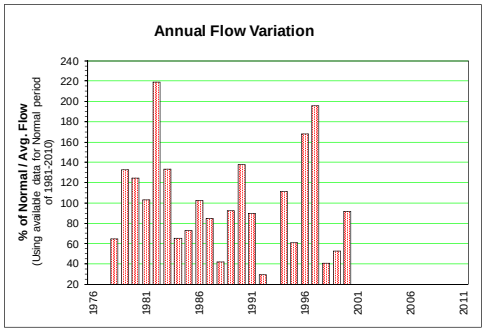


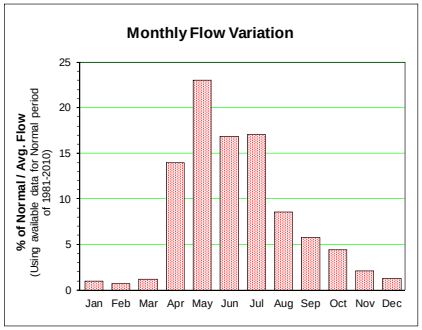
QUALITY CREEK NEAR THE MOUTH 07FB005

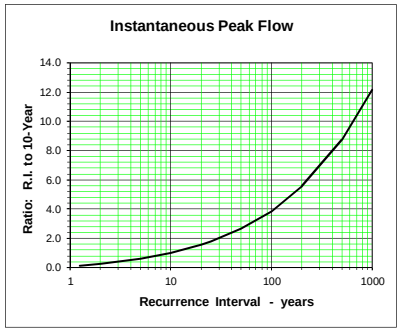
Station Longitude Latitude: -120.923388 55.145094

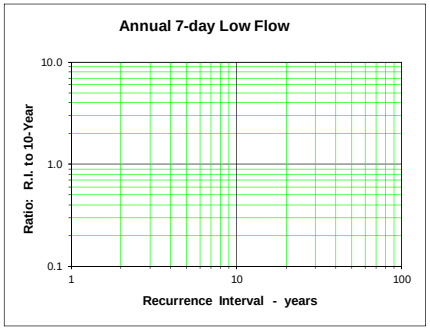
Monthly and Annual Discharge in m^3/s | Drainage Area = 26.30 km^2 | Median Elevation = 1087 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977																		1977
1978	0.031	0.027	0.032	0.070	0.247	0.150	0.273	0.144	0.247	0.084	0.134	0.067	0.126	Jul 11	1.50	0.0707	0.0270	1978
1979	0.036	0.018	0.022	0.197	1.310	1.070	0.186	0.081	0.096	0.040	0.024	0.015	0.259	Jun 04	3.26	0.0493	0.0129	1979
1980	0.009	0.006	0.005	0.097	0.270	1.120	0.499	0.268	0.334	0.157	0.092	0.061	0.243	Jun 18	5.75	0.1331	0.0050	1980
1981	0.053	0.037	0.036	0.283	1.100	0.458	0.154	0.108	0.047	0.043	0.059	0.013	0.200	May 08	2.59	0.0330	0.0049	1981
1982	0.008	0.005	0.006	0.016	1.430	0.311	1.670	0.912	0.293	0.234	0.111	0.051	0.427	Jul 14	24.50	0.0903	0.0000	1982
1983	0.029	0.019	0.020	0.440	0.349	0.558	1.370	0.124	0.066	0.059	0.046	0.018	0.260	Jul 15	3.88	0.0527	0.0159	1983
1984	0.009	0.019	0.023	0.062	0.498	0.249	0.047	0.019	0.132	0.261	0.125	0.077	0.127	May 17	3.39	0.0136	0.0043	1984
1985	0.051	0.029	0.039	0.557	0.369	0.092	0.040	0.039	0.249	0.169	0.044	0.033	0.142	Apr 13	2.02	0.0191	0.0191	1985
1986	0.036	0.032	0.073	0.274	0.575	0.372	0.581	0.075	0.088	0.137	0.072	0.059	0.199	Jul 07	1.84	0.0379	0.0233	1986
1987	0.050	0.036	0.030	0.293	0.336	0.140	0.201	0.696	0.074	0.047	0.041	0.029	0.166	Aug 01	7.81	0.0433	0.0239	1987
1988	0.016	0.013	0.047	0.285	0.109	0.156	0.169	0.083	0.025	0.026	0.026	0.037	0.083	Jul 12	0.89	0.0107	0.0069	1988
1989	0.015	0.002	0.003	0.122	0.495	0.399	0.321	0.521	0.202	0.020	0.010	0.034	0.180	Jun 27	1.59	0.1019	0.0009	1989
1990	0.035	0.018	0.028	0.470	0.624	1.470	0.381	0.047	0.039	0.049	0.037	0.035	0.269	Jun 12	11.00	0.0360	0.0033	1990
1991	0.013	0.015	0.013	0.769	0.603	0.462	0.074	0.023	0.036	0.027	0.032	0.045	0.176	Apr 25	2.44	0.0113	0.0060	1991
1992	0.044	0.033	0.114	0.321	0.106	0.041	0.015	0.006	0.009	0.006	0.003	0.001	0.058	Apr 02	1.16	0.0026	0.0000	1992
1993	0.000	0.001	0.001	0.030	0.037				0.027	0.031	0.022	0.008					0.0000	1993
1994	0.006	0.002	0.008	0.593	0.257	0.734	0.522	0.124	0.166	0.082	0.064	0.053	0.217	Jun 13	4.45	0.0737	0.0000	1994
1995	0.053	0.064	0.078	0.393	0.485	0.132	0.094	0.069	0.011	0.019	0.013	0.016	0.119	Apr 27	1.06	0.0037	0.0023	1995
1996	0.013	0.014	0.017	0.653	1.230	0.414	0.564	0.288	0.411	0.264	0.031	0.016	0.327	May 18	4.90	0.0810	0.0123	1996
1997	0.015	0.017	0.027	0.703	1.240	0.766	0.843	0.199	0.179	0.337	0.175	0.052	0.382	Jul 12	6.40	0.1000	0.0143	1997
1998	0.024	0.021	0.026	0.152	0.322	0.157	0.154	0.014	0.000	0.051	0.022	0.008	0.080	Jul 01	0.88	0.0000	0.0000	1998
1999	0.002	0.001	0.005	0.437	0.484	0.140	0.084	0.027	0.009	0.017	0.011	0.015	0.103	Apr 24	2.57	0.0041	0.0010	1999
2000	0.007	0.001	0.006	0.079	0.227	0.396	0.165	0.361	0.667	0.170	0.067	0.005	0.179	Sep 05	3.21	0.0441	0.0000	2000
2001	0.005	0.005	0.004	0.030	0.210	0.538								Jul 18	23.40		0.0030	2001
2002																		2002
2003																		2003
2004																		2004
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	0.02	0.02	0.03	0.31	0.54	0.45	0.38	0.19	0.15	0.10	0.05	0.03	0.20	0.20		5.24	0.0460	0.0078	m^3/s
S. D.	0.02	0.02	0.03	0.23	0.41	0.37	0.43	0.24	0.16	0.10	0.05	0.02	0.10			6.39	0.0380	0.0086	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.02	0.02	0.03	0.33	0.53	0.40	0.39	0.20	0.14	0.10	0.05	0.03	0.19	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2	2	3	33	54	39	40	20	13	10	5	3	233	mm	10-Year	11.3	0.000	0.000	m^3/s







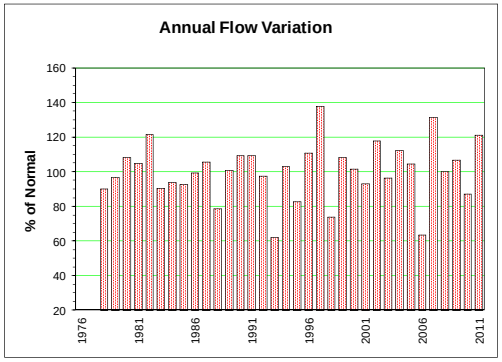


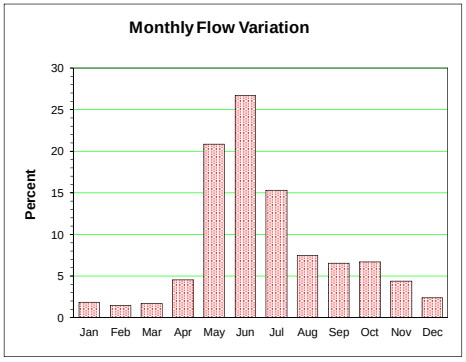
MURRAY RIVER ABOVE WOLVERINE RIVER 07FB006

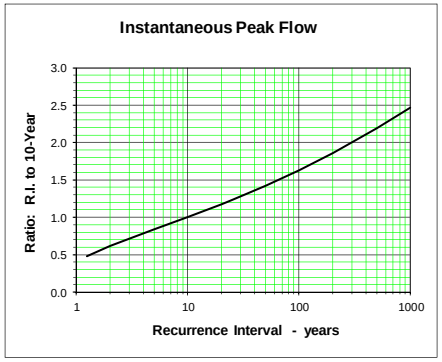
Station Longitude Latitude: -121.015666 55.066147

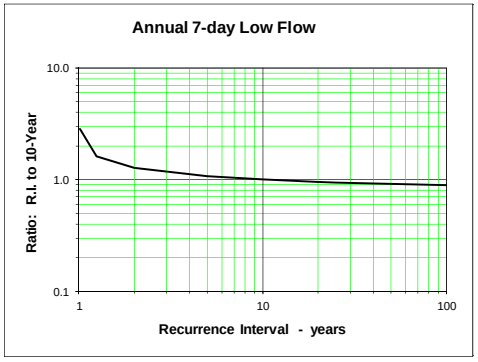
Monthly and Annual Discharge in m^3/s | Drainage Area = 2385.37 km^2 | Median Elevation = 1303 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977											33.3	16.7							1977
1978	11.4	8.5	7.5	17.2	101.0	143.0	70.8	60.1	46.4	53.8	76.9	18.6	51.4		Jun 05	269.00	38.26	7.13	1978
1979	9.8	7.2	9.1	18.5	124.0	253.0	127.0	43.7	26.3	26.2	10.7	6.9	55.4		Jun 04	420.10	20.44	6.40	1979
1980	6.1	5.9	5.4	25.7	137.0	187.0	102.0	64.7	90.4	61.8	30.5	24.8	61.8		Jun 18	317.74	52.64	5.34	1980
1981	20.4	21.5	24.5	35.0	240.0	151.0	82.3	41.6	22.7	20.6	39.6	15.8	59.9		May 22	451.02	13.61	12.59	1981
1982	8.9	7.4	6.4	11.3	111.0	242.0	185.0	83.5	95.9	40.8	23.8	14.4	69.4		Jul 16	669.00	51.41	5.88	1982
1983	10.6	8.8	8.8	33.8	125.0	137.0	118.0	45.3	45.2	38.0	34.2	13.6	51.8		May 31	278.00	32.04	8.16	1983
1984	11.0	10.9	10.2	22.6	73.3	164.0	89.7	43.8	62.3	97.5	35.5	22.4	53.6		Oct 09	419.00	34.24	9.54	1984
1985	13.8	9.2	10.8	21.5	142.0	166.0	86.7	41.8	65.9	43.1	19.7	11.8	52.9		May 22	287.00	25.19	8.45	1985
1986	11.8	10.4	15.4	26.2	132.0	222.0	122.0	43.8	24.6	33.6	22.3	15.7	56.8		May 27	445.00	15.21	9.01	1986
1987	15.6	13.6	10.9	38.4	184.0	189.0	77.1	75.7	30.2	28.7	42.5	14.5	60.2		Jun 13	408.00	22.99	10.64	1987
1988	9.2	8.6	9.5	33.3	142.0	143.0	64.2	42.8	24.5	32.3	16.8	11.7	44.9		May 13	288.00	13.91	8.04	1988
1989	9.6	7.8	6.8	17.1	147.0	201.0	81.8	57.6	34.3	37.0	57.1	31.4	57.6		Jun 10	362.00	28.26	6.26	1989
1990	15.8	10.8	14.2	36.2	159.0	310.0	100.0	39.4	20.1	18.2	13.9	10.8	62.4		Jun 13	872.00	17.40	9.67	1990
1991	8.5	8.5	9.3	49.5	186.0	196.0	104.0	53.0	38.3	48.6	25.0	19.3	62.4		Jun 11	286.00	25.99	7.88	1991
1992	15.4	12.1	24.0	78.1	123.0	159.0	49.9	24.3	67.8	79.0	25.9	11.6	55.8		Oct 25	286.00	15.73	7.66	1992
1993	8.0	6.8	6.5	21.2	120.0	63.3	65.8	40.7	22.0	24.5	29.7	14.8	35.5		May 14	294.00	16.51	6.15	1993
1994	9.7	8.1	15.8	71.7	185.0	177.0	97.8	40.2	32.8	34.3	18.0	12.5	58.8		Jun 14	307.00	26.29	7.49	1994
1995	10.8	10.2	11.5	21.5	165.0	137.0	67.3	59.1	25.2	24.7	17.8	13.8	47.3		May 16	326.00	17.99	9.97	1995
1996	9.6	9.0	9.7	42.7	126.0	222.0	139.0	60.7	52.5	54.1	21.5	11.7	63.3		Jun 05	425.00	35.54	8.01	1996
1997	9.2	9.2	11.2	43.7	196.0	275.0	145.0	64.6	42.2	90.7	39.5	14.8	78.8		Jun 02	466.00	35.57	8.46	1997
1998	11.1	10.2	10.3	24.7	173.0	83.8	70.9	29.8	19.6	37.7	20.0	12.3	42.3		May 28	252.00	17.83	9.23	1998
1999	9.4	9.0	9.6	38.9	138.0	223.0	131.0	67.2	36.3	35.3	22.3	19.6	61.9		May 26	435.00	28.24	8.20	1999
2000	13.8	9.3	11.0	16.3	74.7	187.0	127.0	55.0	97.0	52.0	43.5	9.6	58.0		Jul 03	309.00	36.21	8.17	2000
2001	9.2	7.2	7.0	15.7	90.9	168.0	179.0	58.7	35.9	24.9	20.9	16.1	53.1		Jul 19	624.00	26.96	5.88	2001
2002	10.6	7.5	6.7	11.2	104.0	323.0	121.0	64.6	62.2	52.0	22.1	22.6	67.4		Jun 18	622.00	40.07	6.07	2002
2003	14.5	10.6	10.2	33.0	129.0	178.0	78.9	41.8	48.5	72.7	25.9	16.1	55.1		May 26	398.00	36.50	7.74	2003
2004	13.1	11.3	15.0	31.8	116.0	184.0	87.6	45.6	85.6	61.0	83.8	34.2	64.0		Jun 07	671.00	31.81	10.19	2004
2005	25.1	25.7	23.5	43.5	138.0	127.0	83.0	55.2	51.9	74.2	42.9	23.0	59.6		May 30	267.00	41.54	19.40	2005
2006	17.8	14.0	10.2	24.6	124.0	102.0	52.3	32.8	17.8	14.7	12.6	10.7	36.3		May 25	260.16	13.74	8.90	2006
2007	11.0	10.1	11.9	29.4	140.0	310.0	139.0	59.2	56.5	80.6	37.7	14.8	75.2		Jun 05	655.00	35.07	9.56	2007
2008	10.6	9.9	9.3	10.5	190.0	175.0	93.1	63.6	41.8	28.3	32.4	18.5	57.1		May 19	390.00	27.36	9.06	2008
2009	13.1	9.4	6.7	18.5	116.0	213.0	185.0	45.1	38.8	27.7	36.8	17.8	60.9		Jul 08	644.00	28.96	6.35	2009
2010	12.4	11.5	11.1	41.1	121.0	146.0	64.0	32.0	58.8	52.2	32.3	14.1	49.8		Sep 26	306.00	19.84	10.87	2010
2011	10.6	8.7	7.7	10.8	172.0	229.0	169.0	69.5	64.5	43.2	21.1	19.1	69.1		Jul 10	455.00	32.46	7.51	2011
Avg.	11.98	10.26	11.11	29.86	139.6	187.8	104.59	51.37	46.61	45.41	31.10	16.46	57.34	57.40		416.59	28.11	8.53	m^3/s
S. D.	3.77	3.87	4.82	15.71	36.09	60.65	37.81	13.73	22.46	21.39	16.06	5.75	9.47			154.84	10.33	2.53	m^3/s
Normal	12.31	10.62	11.60	31.43	140.36	185.80	102.91	50.28	45.24	45.30	30.53	16.33	57.07	m^3/s					
Normal	14	11	13	34	158	202	116	56	49	51	33	18	755	mm	10-Year	615.93	15.97	6.21	m^3/s







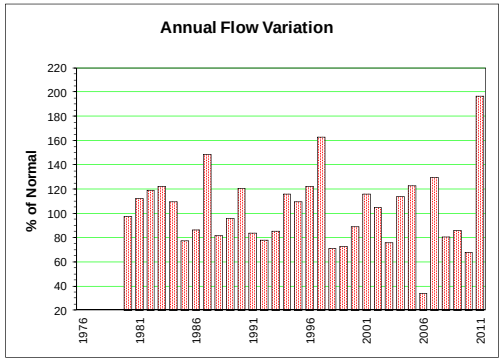


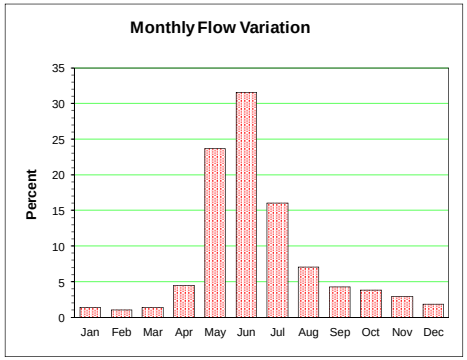
MOBERLY RIVER NEAR FORT ST. JOHN 07FB008

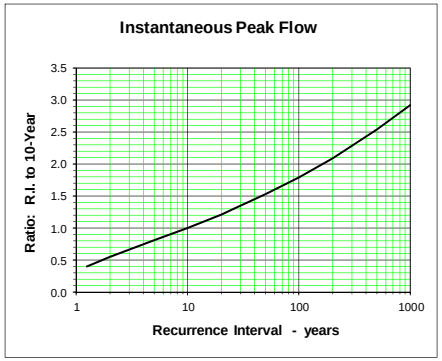
Station Longitude Latitude: -121.347415 56.093436

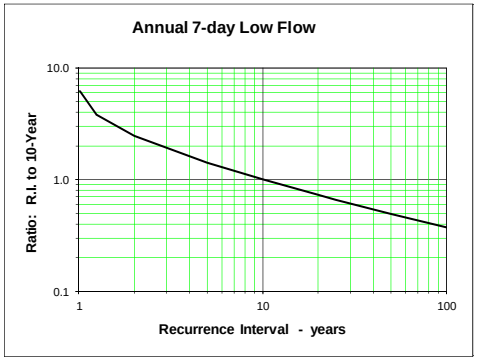
Monthly and Annual Discharge in m^3/s | Drainage Area = 1521.74 km^2 | Median Elevation = 938 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980	0.60	0.48	0.50	1.79	13.30	41.70	24.50	10.60	13.50	13.50	7.17	4.83	11.0		Jun 20	77.4	7.921	0.451	1980
1981	3.63	2.71	2.61	8.46	61.80	51.50	11.40	3.38	1.41	1.40	2.27	1.71	12.7		Jun 02	94.3	1.181	1.181	1981
1982	1.22	0.98	0.86	2.24	18.80	43.50	39.20	23.60	8.97	6.49	10.10	5.30	13.5		Jul 17	60.3	6.807	0.839	1982
1983	2.97	1.92	1.62	7.44	27.50	37.50	56.70	14.90	4.49	4.47	3.49	2.07	13.9		Jul 07	75.2	3.996	1.479	1983
1984	1.65	1.55	1.94	3.26	24.60	58.30	21.70	5.16	7.55	12.80	7.30	3.62	12.4		Jun 09	77.0	2.871	1.501	1984
1985	2.62	1.98	2.04	5.32	26.40	36.10	10.50	3.04	5.20	7.11	3.01	2.07	8.8		Jun 05	53.1	2.184	1.743	1985
1986	2.03	1.69	1.87	3.09	19.70	44.30	19.00	8.56	3.12	6.26	4.23	3.22	9.8		Jun 03	61.0	2.587	1.534	1986
1987	2.37	1.83	1.35	8.89	40.80	40.40	24.50	55.30	11.70	4.06	5.11	4.35	16.8		Aug 01	119.0	6.601	1.319	1987
1988	1.90	0.91	1.09	7.09	33.00	43.30	11.30	4.15	2.61	2.64	1.73	1.19	9.2		Jun 10	72.3	2.031	0.833	1988
1989	0.99	0.82	0.86	2.84	31.40	30.90	20.40	12.90	11.20	5.64	6.13	5.57	10.9		May 13	44.8	6.734	0.788	1989
1990	3.91	1.87	2.55	8.46	38.20	83.20	17.00	4.03	1.77	1.15	1.03	1.44	13.7		Jun 13	150.0	1.350	0.939	1990
1991	1.48	1.88	2.04	5.41	32.00	39.60	14.20	3.12	2.40	3.80	4.20	3.34	9.5		Jun 16	49.3	2.070	1.151	1991
1992	2.51	1.96	8.08	14.80	24.70	30.60	9.67	2.52	0.61	5.67	3.66	1.50	8.9		Jun 17	36.9	0.490	0.490	1992
1993	0.70	0.47	0.61	1.54	23.00	18.70	25.50	22.10	13.00	5.41	2.92	1.62	9.7		May 24	40.4	9.264	0.449	1993
1994	1.71	1.76	2.41	15.70	47.60	48.70	19.50	6.32	3.44	3.56	4.22	2.41	13.2		Jun 14	90.5	3.303	1.441	1994
1995	1.63	1.29	1.49	3.41	40.90	36.30	43.50	8.76	4.22	2.69	2.23	1.93	12.5		Jul 08	79.1	2.979	1.249	1995
1996	1.47	1.44	1.55	13.20	36.10	57.20	27.00	9.31	6.81	7.25	3.09	2.13	13.9		Jun 07	88.0	6.036	1.277	1996
1997	1.50	1.32	1.62	17.10	68.80	61.50	29.30	8.39	5.16	12.60	11.20	2.61	18.5		May 20	106.0	4.727	1.226	1997
1998	2.08	1.92	2.06	6.17	44.00	24.60	7.66	2.79	0.95	0.97	1.62	1.65	8.1		May 24	63.0	0.645	0.645	1998
1999	1.47	1.42	1.54	5.74	25.00	38.90	17.00	4.88	1.61	0.54	0.41	0.41	8.3		Jun 20	47.3	0.903	0.345	1999
2000	0.48	0.81	1.29	1.91	4.51	34.60	28.00	9.87	20.10	8.82	7.03	4.01	10.1		Jun 13	53.7	7.861	0.447	2000
2001	2.09	1.56	1.47	2.12	14.20	60.30	45.20	19.00	4.44	2.66	2.36	2.20	13.2		Jun 12	92.6	3.579	1.353	2001
2002	1.68	1.40	1.35	1.93	29.60	66.50	20.50	6.63	3.99	4.05	2.82	2.37	11.9		Jun 19	79.1	3.586	1.226	2002
2003	1.96	1.61	1.41	3.53	20.30	40.70	19.00	5.24	2.21	2.83	2.36	2.17	8.6		Jun 12	51.1	1.907	1.309	2003
2004	1.11	0.72	1.44	4.85	21.80	27.10	17.40	8.57	32.40	20.80	11.00	7.63	12.9		Sep 22	51.6	7.764	0.445	2004
2005	5.34	4.65	4.66	18.00	51.70	48.30	13.40	5.52	3.73	4.86	4.53	2.34	13.9		May 23	71.3	3.374	1.973	2005
2006	1.70	1.34	1.07	2.42	12.00	20.30	4.75	1.51	0.34	0.23	0.44	0.37	3.9		Jun 04	30.1	0.204	0.161	2006
2007	0.30	0.27	0.46	2.54	40.40	75.00	22.00	10.90	8.38	6.69	6.74	2.71	14.7		Jun 09	121.0	5.223	0.259	2007
2008	1.96	1.85	2.41	2.76	38.00	42.00	10.10	3.83	3.08	1.90	1.16	0.81	9.2		Jun 01	78.4	2.467	0.747	2008
2009	0.65	0.77	0.93	1.56	22.40	39.10	32.00	9.36	3.75	2.27	2.02	1.37	9.7		Jul 11	58.4	2.901	0.617	2009
2010	1.09	1.27	2.16	5.73	31.40	30.50	6.70	1.66	0.74	4.02	4.25	2.78	7.7		May 25	60.3	0.600	0.600	2010
2011	1.92	1.66	1.51	3.29	61.90	91.60	81.60	12.20	2.53	3.71	2.40	1.75	22.3		Jun 27	227.0	1.680	1.480	2011
Avg.	1.84	1.50	1.84	6.02	32.1	45.1	23.44	9.63	6.11	5.34	4.13	2.61	11.67	11.67		77	3.620	0.984	m^3/s
S. D.	1.05	0.79	1.39	4.81	15.04	17.07	15.91	10.04	6.59	4.41	2.88	1.58	3.52			38.06	2.538	0.477	m^3/s
Normal	1.87	1.53	1.89	6.25	31.69	43.65	21.47	9.51	5.98	5.12	4.09	2.56	11.34	m^3/s					
Normal	3	2	3	11	56	74	38	17	10	9	7	5	235	mm	10-Year	122.10	0.77	0.38	m^3/s







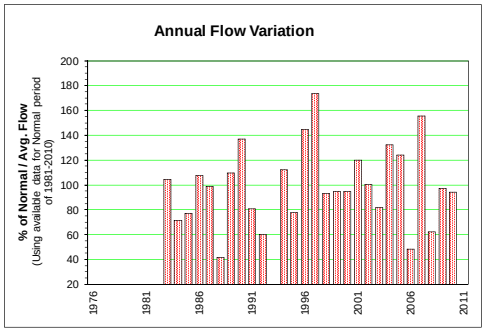


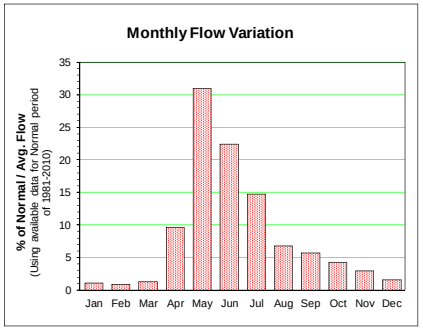
FLATBED CREEK AT KILOMETRE 110 HERITAGE HIGHWAY 07FB009

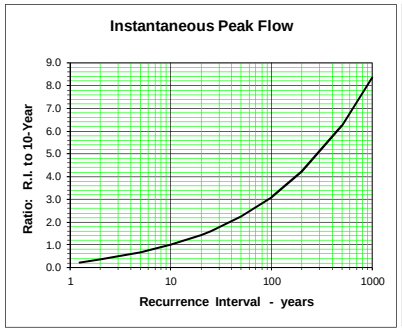
Station Longitude Latitude: -120.939896 55.089381

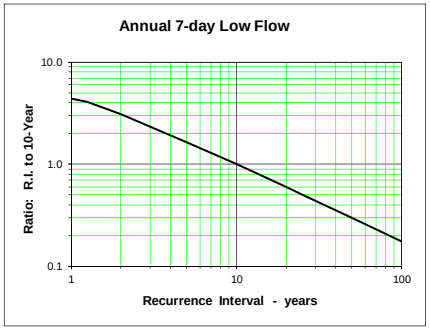
Monthly and Annual Discharge in m^3/s | Drainage Area = 478.72 km^2 | Median Elevation = 1129 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982						13.10	18.50	21.70	8.94						Jul 16	90.00			1982
1983	0.56	0.45	0.53	5.84	9.39	9.27	17.40	2.73	1.74	1.46	1.16	0.47	4.28		Jun 25	39.50	1.510	0.4204	1983
1984	0.35	0.40	0.46	1.73	8.68	9.13	1.93	0.63	3.82	4.79	2.05	1.16	2.93		May 18	20.90	0.489	0.2816	1984
1985	0.64	0.38	0.49	2.17	14.30	7.47	1.47	0.98	5.08	3.19	0.91	0.65	3.16		May 18	27.90	0.499	0.3324	1985
1986	0.66	0.58	0.89	3.17	19.40	12.10	8.32	1.42	1.52	2.20	1.20	0.97	4.40		May 26	48.40	1.087	0.4746	1986
1987	1.22	1.05	0.68	5.25	14.90	5.38	2.15	14.40	0.72	0.66	1.30	0.55	4.06		Aug 01	140.00	0.355	0.3376	1987
1988	0.30	0.32	0.39	3.52	6.98	5.01	1.12	0.96	0.43	0.55	0.52	0.45	1.71		Jun 06	25.60	0.017	0.0173	1988
1989	0.18	0.11	0.17	2.48	16.40	13.60	6.20	5.93	2.71	2.10	1.82	1.89	4.49		Jun 10	62.00	1.911	0.0924	1989
1990	1.08	0.73	1.20	6.33	16.60	31.50	6.43	0.83	0.52	0.71	0.65	0.80	5.61		Jun 12	173.00	0.390	0.3903	1990
1991	0.68	0.61	0.48	8.64	14.20	9.33	2.03	0.66	0.74	0.68	0.80	0.73	3.30		May 10	32.70	0.492	0.4584	1991
1992	0.54	0.43	2.33	9.72	8.31	3.38	0.39	0.51	1.18	1.75	0.83	0.28	2.47		Apr 03	19.40	0.238	0.1566	1992
1993		0.22	0.33	3.35	13.30					0.90	1.14	0.94					0.877	0.1834	1993
1994	0.49	0.39	0.78	10.60	14.10	13.80	8.05	1.80	1.53	1.54	1.06	0.90	4.60		Jun 13	66.40	0.960	0.3611	1994
1995	0.73	0.63	0.73	3.91	17.90	6.24	3.36	2.24	0.57	0.75	0.53	0.23	3.18		May 12	36.60	0.490	0.2129	1995
1996	0.15	0.15	0.18	6.79	17.50	18.60	10.40	5.39	5.15	5.27	0.72	0.69	5.93		May 31	56.10	3.690	0.1317	1996
1997	0.63	0.67	0.60	6.25	28.40	18.00	17.10	3.36	2.55	4.17	2.11	0.78	7.10		Jul 12	133.00	1.527	0.2243	1997
1998	0.60	0.59	0.59	3.74	17.00	4.51	11.60	1.35	1.22	2.31	1.12	0.65	3.81		Jul 01	104.00	1.184	0.5229	1998
1999	0.54	0.51	0.56	8.31	16.40	11.70	4.60	1.22	0.71	0.80	0.57	0.55	3.88		May 25	38.30	0.461	0.4593	1999
2000	0.40	0.33	0.72	1.24	5.34	11.80	7.21	2.96	10.90	2.78	2.34	0.73	3.89		Jul 03	54.10	2.164	0.2814	2000
2001	0.36	0.27	0.26	2.31	9.91	15.10	23.90	3.45	0.86	0.71	0.66	0.65	4.91		Jul 18	390.00	0.683	0.2093	2001
2002	0.50	0.33	0.29	1.09	16.10	18.40	3.27	2.75	2.59	2.21	0.86	0.92	4.12		Jun 17	47.00	0.861	0.2666	2002
2003	0.60	0.44	0.42	5.09	14.50	9.75	2.86	1.06	1.13	1.90	1.52	0.81	3.35		May 25	35.00	0.667	0.3263	2003
2004	0.51	0.37	0.77	2.94	8.93	12.10	9.18	4.04	14.20	3.51	6.93	1.64	5.41		Jun 06	51.70	1.527	0.3020	2004
2005	0.88	0.91	1.13	7.66	19.20	10.40	3.99	3.39	3.23	4.40	4.75	0.93	5.09		May 13	33.50	1.867	0.7807	2005
2006	0.70	0.54	0.38	3.31	9.70	4.12	1.68	1.13	0.81	0.52	0.43	0.39	1.98		May 26	27.10	0.197	0.1967	2006
2007	0.39	0.37	0.40	6.00	35.10	18.40	2.82	4.50	1.82	3.92	1.59	0.54	6.36		Jun 04	87.60	1.354	0.3503	2007
2008	0.43	0.38	0.36	0.76	17.50	6.04	1.17	0.98	0.99	0.69	0.64	0.50	2.55		May 25	44.20	0.586	0.3534	2008
2009	0.41	0.33	0.28	0.42	12.70	6.45	20.80	0.95	1.10	1.18	1.70	0.86	3.98		Jul 07	128.00	0.507	0.2729	2009
2010	0.54	0.56	0.79	11.90	16.30	8.08	1.24	0.43	2.62	1.77	1.33	0.80	3.87		Apr 22	46.40	0.372	0.3723	2010
2011																			2011
Avg.	0.56	0.47	0.61	4.80	14.97	11.17	7.11	3.28	2.83	2.05	1.47	0.77	4.09	4.09		73.51	0.96	0.31	m^3/s
S. D.	0.24	0.21	0.42	3.09	6.18	6.06	6.71	4.55	3.34	1.43	1.37	0.36	1.29			73.88	0.78	0.15	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.56	0.47	0.61	4.80	14.97	11.17	7.11	3.28	2.83	2.05	1.47	0.77	4.09	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	3	2	3	26	84	60	40	18	15	11	8	4	270	mm	10-Year	141.5	0.179	0.110	m^3/s







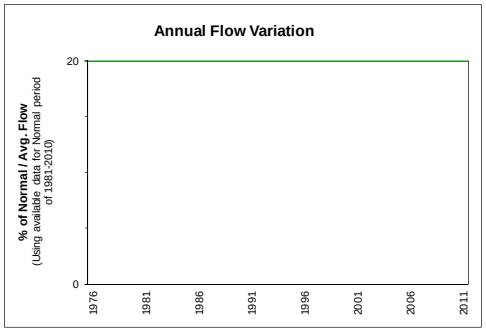


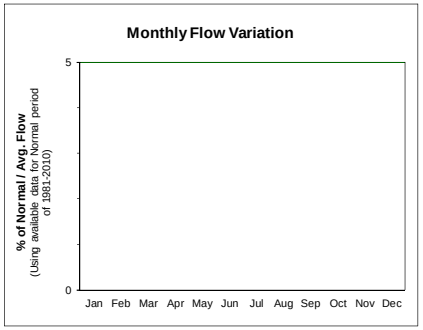
CUTBANK RIVER NEAR GRANDE PRAIRIE 07GB001

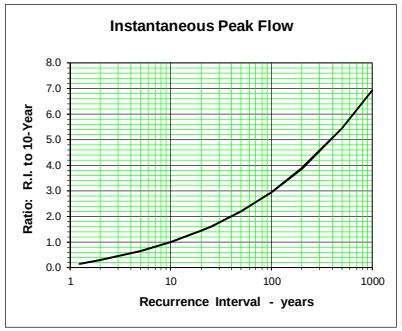
Station Longitude Latitude: -118.963100 54.515690

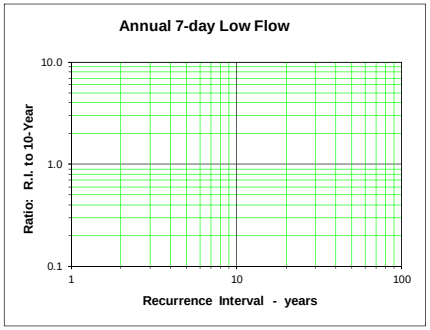
Monthly and Annual Discharge in m^3/s | Drainage Area = 840.77 km^2 | Median Elevation = 1138 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976					19.600	11.000	9.150	21.900	6.460	2.960				Jul 02	106.00	2.573		1976
1977					29.600	10.700	16.900	6.050	6.630	10.200				May 06	227.00	3.717		1977
1978					11.600	8.970	8.640	4.490	11.700	3.770				Sep 18	78.70	2.881		1978
1979					24.100	13.600	7.280	1.980	1.770	1.380				May 16	87.10	0.991		1979
1980					5.190	39.100	9.230	5.920	10.800	3.770				Jun 04	274.00	2.439		1980
1981					10.500	6.900	7.480	4.250	1.320	1.290				Jul 29	89.50	0.994		1981
1982					23.600	6.820	38.000	20.500	5.400	4.190				Jul 15	800.00	3.317		1982
1983			0.517	6.780	7.510	10.700	25.200	3.740	1.920	1.580				Jul 15	103.00	1.746		1983
1984			0.582	3.110	14.500	11.800	1.870	1.200	8.150	5.000				May 17	71.20	0.982		1984
1985			0.462	4.880	10.500	5.910	2.160	2.440	14.800	7.050				Sep 13	58.20	1.127		1985
1986			2.120	9.560	19.500	9.040	12.300	2.020	3.670	5.400				Jul 18	79.30	1.334		1986
1987			0.531	6.370	7.770	2.310	1.940	25.900	2.400	1.440				Aug 02	232.00	1.164		1987
1988			0.801	2.850	1.680	4.410	2.400	0.745	0.666	0.638				Jun 07	13.30	0.624		1988
1989			0.109	2.830	13.600	12.200	16.100	31.000	11.300	4.280				Aug 23	160.00	3.629		1989
1990			0.726	4.010	14.000	42.500	8.020	1.620	1.670	1.380				Jun 12	552.00	1.159		1990
1991			0.669	14.900	18.900	9.330	5.800	3.640	3.000	1.590				May 10	95.60	1.794		1991
1992			4.100	12.200	7.670	3.780	1.510	0.973	1.200	1.300				Apr 03	22.20	0.884		1992
1993			0.379	4.400	5.190	16.100	12.400	3.500	2.920	1.900				Jun 24	130.62	2.026		1993
1994			1.040	10.400	15.200	16.100	17.200	5.150	3.710	2.620				Jul 04	161.00	2.201		1994
1995			0.500	7.050	11.400	8.010	6.650	7.210	2.280	1.640				Jun 21	53.30	1.789		1995
1996			0.676	9.420	24.100	20.000	10.000	10.200	5.060	4.630				May 31	230.00	3.270		1996
1997			0.757	7.530	26.200	16.800	24.700	13.900	6.370	4.680				Jul 12	227.00	2.871		1997
1998			0.673	2.700	6.200	5.540	10.700	1.690	1.170	3.280				Jul 02	95.70	0.985		1998
1999			0.836	15.300	15.100	8.490	7.330	1.800	1.060	0.890				Apr 25	59.50	0.904		1999
2000			0.253	1.890	8.970	9.570	10.500	2.710	10.300	5.600				Sep 03	43.50	1.126		2000
2001			0.218	1.890	7.050	10.600	37.000	6.460	1.690	1.070				Jul 18	209.00	1.461		2001
2002			0.276	2.250	20.600	7.110	1.790	2.810	2.860	2.860				May 21	60.60	1.246		2002
2003			0.010	8.080	11.800	8.800	6.210	1.340	1.090	0.933				Jun 22	56.50	0.896		2003
2004			0.432	5.090	7.100	14.600	12.200	5.870	16.900	4.430				Sep 02	177.00	2.950		2004
2005			2.950	10.100	27.800	20.100	5.960	2.940	3.240	3.660				May 07	114.00	2.123		2005
2006			0.368	2.960	6.500	3.840	1.460	0.734	1.530	1.170				May 27	37.70	0.480		2006
2007			0.657	16.600	35.700	11.100	3.860	6.650	2.790	2.090				May 04	80.70	2.306		2007
2008			0.484	5.980	30.300	6.670	1.910	1.660	1.770	1.350				May 24	80.10	1.096		2008
2009			0.417	2.400	21.400	4.270	27.300	2.060	1.260	1.620				Jul 08	188.00	1.131		2009
2010			1.110	4.590	13.500	5.350	1.680	1.390	4.720	2.670				May 27	41.00	1.060		2010
2011																		2011
Avg.	#DIV/0!	#DIV/0!	0.809	6.647	15.255	11.489	10.652	6.184	4.674	2.980	#DIV/0!	#DIV/0!	#DIV/0!		145.55	1.751	#DIV/0!	m^3/s
S. D.	#DIV/0!	#DIV/0!	0.874	4.276	8.499	8.577	9.580	7.474	4.223	2.063	#DIV/0!	#DIV/0!	#DIV/0!		152.29	0.92	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	0.81	6.65	14.79	10.63	10.72	5.87	4.21	2.74	#DIV/0!	#DIV/0!	#DIV/0!	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	3	20	47	33	34	19	13	9	#DIV/0!	#DIV/0!	#DIV/0!	mm	10-Year	326.4	0.798	0.000	m^3/s







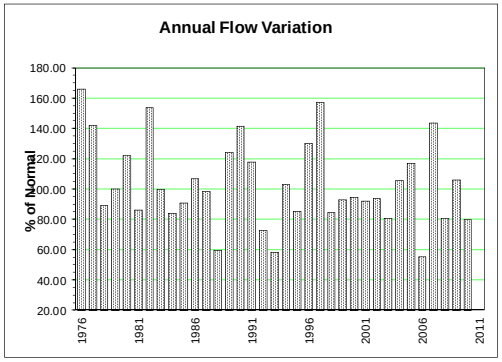


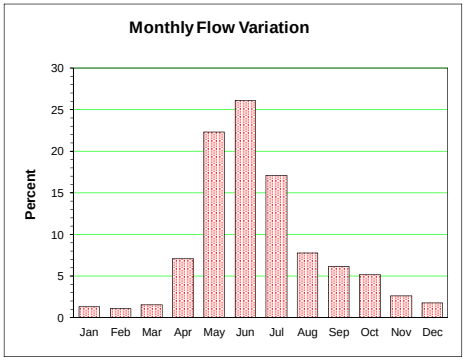
WAPITI RIVER NEAR GRANDE PRAIRIE 07GE001

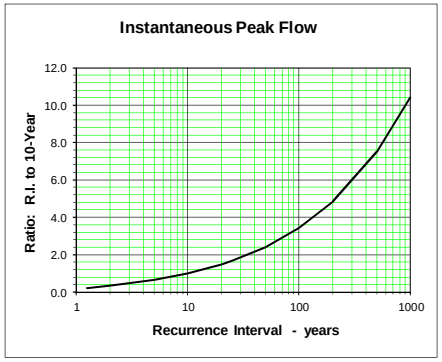
Station Longitude Latitude: -118.802900 55.071250

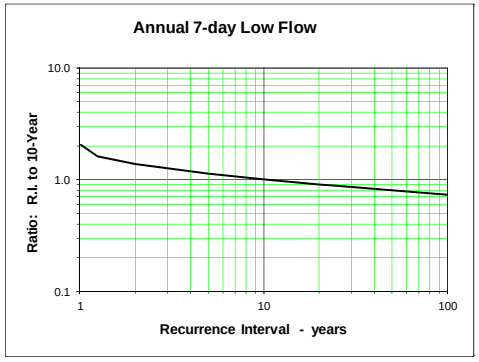
Monthly and Annual Discharge in m^3/s | Drainage Area = 11312.62 km^2 | Median Elevation = 1007 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	17.90	16.80	12.90	131.00	359.00	305.00	270.00	360.00	129.00	72.10	34.40	21.10	144.73		26517.00	1040.00	85.06	11.21	1976
1977	17.40	15.90	12.20	99.90	363.00	293.00	233.00	117.00	102.00	152.00	50.40	22.80	123.96		26789.00	1030.00	64.77	11.33	1977
1978	14.40	10.50	13.10	48.20	148.00	200.00	159.00	71.50	98.30	84.20	62.60	19.50	77.72		27221.00	750.00	55.10	9.33	1978
1979	12.60	10.90	14.20	69.90	279.00	376.00	154.00	48.50	30.70	28.80	12.60	9.12	87.44		27540.00	605.00	25.31	6.61	1979
1980	7.79	7.33	6.80	59.00	171.00	449.00	172.00	105.00	145.00	91.20	34.30	30.40	106.40		27915.00	1220.00	70.80	6.26	1980
1981	22.20	23.20	29.40	78.50	290.00	203.00	98.20	62.40	26.30	22.40	32.20	12.50	75.34		28271.00	512.00	21.89	10.31	1981
1982	9.50	9.84	7.93	26.90	230.00	319.00	497.00	287.00	113.00	59.10	20.00	16.20	134.11		28685.00	6300.00	74.86	7.76	1982
1983	12.50	10.40	9.97	93.30	200.00	238.00	287.00	67.70	42.00	34.60	31.30	13.30	87.14		29051.00	547.00	34.76	9.40	1983
1984	11.00	11.00	12.80	33.70	125.00	273.00	117.00	50.60	103.00	101.00	28.20	15.10	73.40		29385.00	442.00	40.76	10.04	1984
1985	13.70	10.30	15.40	39.40	192.00	239.00	110.00	67.40	131.00	85.80	25.40	19.40	79.31		29730.00	394.00	40.69	9.98	1985
1986	13.70	10.10	22.50	53.10	224.00	335.00	228.00	55.50	47.70	82.50	24.10	16.10	93.13		30101.00	657.00	33.23	9.09	1986
1987	18.00	14.10	11.00	84.90	235.00	220.00	86.50	232.00	44.30	27.80	36.20	14.10	85.79		30529.00	1190.00	30.21	9.83	1987
1988	10.10	10.40	14.10	50.60	154.00	176.00	84.80	35.80	24.50	31.80	19.20	14.10	52.18		30815.00	306.00	19.46	9.23	1988
1989	9.05	7.14	6.49	27.70	202.00	318.00	206.00	277.00	114.00	54.50	34.40	35.30	108.28		31282.00	1120.00	62.70	6.28	1989
1990	25.80	13.40	23.50	68.10	238.00	778.00	188.00	51.00	32.40	30.30	18.60	17.90	123.56		31574.00	5440.00	26.67	12.24	1990
1991	13.40	15.10	12.30	122.00	395.00	317.00	158.00	59.90	55.10	35.20	25.80	21.80	102.97		31906.00	1110.00	34.10	11.39	1991
1992	17.50	14.50	52.70	101.00	160.00	186.00	52.50	23.50	52.50	63.80	25.50	10.90	63.33		32295.00	337.00	17.20	9.27	1992
1993	8.66	7.80	10.10	31.10	153.00	106.00	135.00	45.40	33.30	31.50	29.90	15.80	50.99		32684.00	407.69	26.56	7.22	1993
1994	12.00	10.40	16.70	138.00	258.00	306.00	164.00	55.60	37.20	39.60	20.60	15.80	89.75		33038.00	687.00	28.89	9.96	1994
1995	11.30	9.52	10.70	92.00	261.00	235.00	97.60	84.10	30.70	23.60	16.50	16.20	74.33		33373.00	512.00	22.89	9.18	1995
1996	15.30	12.20	14.90	164.00	247.00	410.00	214.00	91.90	64.20	78.60	35.70	15.70	113.58		33755.00	1070.00	50.39	11.30	1996
1997	11.40	12.80	12.10	140.00	366.00	393.00	340.00	128.00	61.60	101.00	42.20	28.80	137.17		34162.00	2170.00	53.70	10.89	1997
1998	16.60	11.40	14.90	46.00	213.00	131.00	289.00	35.00	23.70	56.30	24.40	16.70	73.86		34516.00	1420.00	20.00	10.02	1998
1999	14.20	11.90	10.40	132.00	228.00	247.00	148.00	69.10	36.70	41.00	24.00	9.92	81.27		34844.00	495.00	28.04	9.36	1999
2000	9.65	9.21	8.34	20.70	83.20	273.00	216.00	58.00	174.00	85.60	40.50	11.40	82.38		35227.00	567.00	44.99	7.69	2000
2001	10.70	7.28	7.99	20.50	118.00	214.00	382.00	89.80	36.70	22.90	25.20	20.20	80.26		35629.00	2340.00	28.94	6.38	2001
2002	12.40	9.53	8.42	49.80	205.00	351.00	106.00	54.90	58.90	68.00	33.60	21.20	81.70		35963.00	732.00	38.94	7.84	2002
2003	9.35	10.90	9.97	107.00	199.00	236.00	102.00	39.30	41.70	51.00	25.10	14.20	70.60		36305.00	455.00	30.47	7.57	2003
2004	10.00	8.72	13.30	42.30	135.00	301.00	147.00	60.10	263.00	63.20	33.50	33.90	92.31		36683.00	1430.00	39.87	7.45	2004
2005	25.70	27.70	50.00	118.00	356.00	285.00	103.00	55.60	66.10	82.60	30.50	21.00	102.12		37027.00	607.00	36.01	15.36	2005
2006	16.10	12.40	10.70	43.00	181.00	147.00	54.00	32.60	25.20	21.80	17.70	16.70	48.37		37402.00	454.00	15.84	9.65	2006
2007	12.70	11.00	14.00	170.00	516.00	404.00	135.00	74.70	45.30	62.70	35.30	15.20	125.17		37778.00	973.00	34.11	9.97	2007
2008	10.90	10.40	11.10	18.20	307.00	218.00	78.20	49.20	57.10	34.80	27.00	19.60	70.34		38130.00	703.00	31.16	9.22	2008
2009	12.80	10.00	9.45	52.00	200.00	251.00	380.00	60.30	41.20	33.90	33.40	17.00	92.40		38540.00	1820.00	30.41	8.42	2009
2010	15.90	12.70	13.50	89.50	204.00	207.00	69.70	31.40	70.30	68.00	30.00	20.30	69.50		38858.00	391.00	23.53	11.59	2010
2011																			2011
Avg.	13.78	11.91	14.97	76.04	234.1	284.0	178.90	88.19	70.22	57.81	29.72	18.26	90.14	95.09		1150	37.78	9.39	m^3/s
S. D.	4.39	4.14	10.22	43.26	90.93	117.99	103.89	78.32	51.44	29.59	9.74	6.15	24.46			1284.84	17.15	1.92	m^3/s
Normal	13.74	11.84	15.49	75.11	229.17	277.23	175.78	79.49	65.09	53.16	28.20	17.88	87.15	m^3/s					
Normal	3	3	4	17	54	64	42	19	15	13	6	4	243	mm	10-Year	2240.50	22.01	6.83	m^3/s









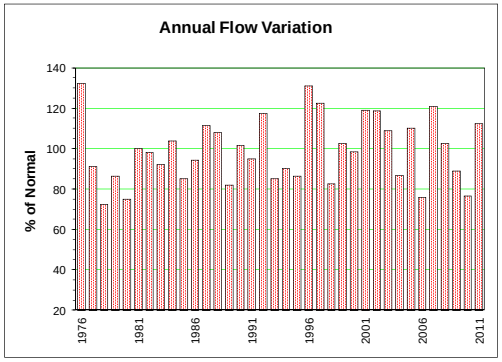
Zone 8 Nechako Plateau

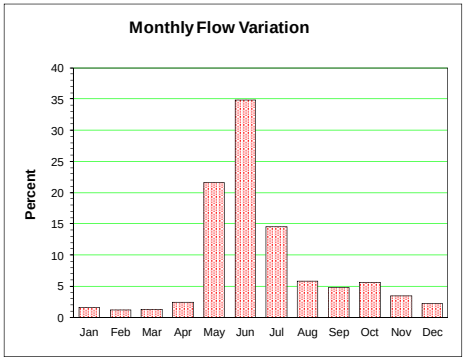
OMINECA RIVER ABOVE OSILINKA RIVER 07EC002

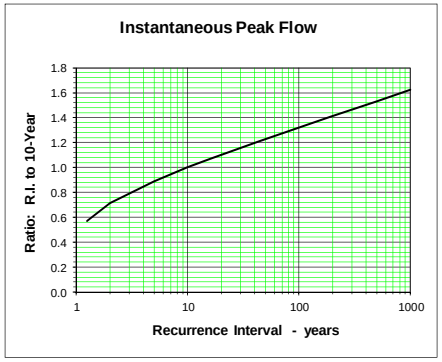
Station Longitude Latitude: -124.566457 55.916021

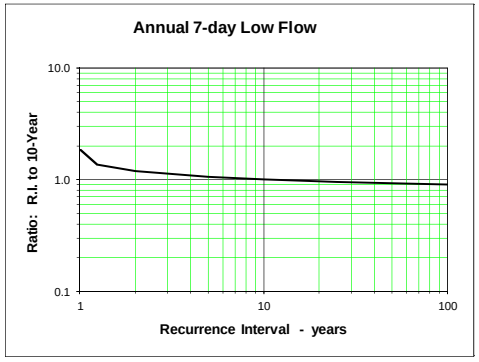
Monthly and Annual Discharge in m^3/s | Drainage Area = 5390.84 km^2 | Median Elevation = 1281 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	13.5	12.6	11.2	14.4	245.0	435.0	361.0	134.0	69.7	71.9	45.3	27.3	120.4		Jul 02	606.0	60.80	10.30	1976
1977	17.5	15.0	13.8	36.2	223.0	270.0	184.0	70.8	46.5	54.9	39.6	21.5	83.1		Jun 02	377.0	35.76	13.09	1977
1978	15.7	12.9	11.2	17.6	104.0	292.0	77.8	39.9	53.1	89.6	52.2	25.7	66.0		Jun 07	464.0	36.14	11.00	1978
1979	18.5	14.5	13.3	16.9	162.0	371.0	160.0	52.1	52.2	45.6	20.7	16.7	78.8		Jun 05	530.0	36.23	12.24	1979
1980	13.8	10.5	10.6	16.8	185.0	196.0	79.7	43.8	62.3	77.6	75.2	48.5	68.4		May 17	333.0	38.64	10.00	1980
1981	28.1	20.1	19.4	24.5	334.0	349.0	141.0	42.8	32.1	43.6	32.8	20.5	91.0		May 28	817.0	29.27	18.01	1981
1982	14.0	11.7	11.8	12.5	114.0	467.0	168.0	77.5	59.4	67.3	44.1	25.7	89.4		Jun 16	624.0	42.60	11.16	1982
1983	18.0	15.0	13.9	27.6	218.0	297.0	181.0	86.1	55.0	43.9	32.3	17.0	84.1		Jun 04	589.0	48.13	12.94	1983
1984	14.0	11.7	13.3	21.8	120.0	417.0	230.0	82.7	64.8	92.7	42.1	26.8	94.7		Jun 15	619.0	51.36	11.10	1984
1985	17.0	13.3	13.3	15.2	174.0	341.0	197.0	47.2	44.1	33.4	18.3	13.4	77.5		Jun 07	617.0	33.09	12.47	1985
1986	14.2	12.2	10.6	13.7	117.0	442.0	196.0	52.7	35.2	69.2	42.8	26.4	86.1		Jun 10	573.0	26.94	9.31	1986
1987	21.3	17.9	15.7	20.0	222.0	454.0	179.0	55.2	64.3	59.5	70.9	37.5	101.6		Jun 08	588.7	34.91	15.04	1987
1988	21.2	16.6	14.6	30.2	344.0	387.0	151.0	64.5	31.7	56.8	36.7	23.1	98.3		May 17	599.0	25.49	13.37	1988
1989	17.0	13.1	12.3	29.0	257.0	243.0	98.5	56.7	36.4	49.3	44.7	36.7	74.8		May 10	398.0	30.49	11.69	1989
1990	22.1	15.0	14.7	30.8	263.0	506.0	133.0	44.1	28.7	22.9	16.6	13.8	92.6		Jun 03	998.0	23.09	12.71	1990
1991	11.7	12.9	11.7	31.7	296.0	296.0	111.0	51.6	63.6	89.1	34.4	25.4	86.6		May 22	425.0	34.47	10.27	1991
1992	22.3	18.0	22.5	86.6	235.0	518.0	123.0	33.5	47.7	100.0	51.1	30.9	107.1		Jun 16	696.0	21.60	16.86	1992
1993	17.8	16.4	14.0	35.3	351.0	210.0	100.0	73.6	39.0	26.2	25.7	16.2	77.6		May 23	633.0	29.96	12.31	1993
1994	15.1	11.4	12.0	31.9	281.0	287.0	114.0	51.9	56.5	55.9	43.0	24.6	82.4		May 27	429.0	34.97	9.89	1994
1995	18.6	16.7	14.7	28.5	288.0	226.0	119.0	81.8	52.5	45.2	29.8	20.6	78.9		May 17	503.0	33.94	13.86	1995
1996	17.5	15.2	12.7	41.1	175.0	514.0	320.0	99.1	77.9	94.3	42.5	24.2	119.5		Jun 09	728.0	68.11	12.09	1996
1997	18.2	15.1	14.3	28.5	308.0	464.0	163.0	84.5	64.9	87.6	53.1	35.7	111.7		Jun 07	722.0	53.51	12.97	1997
1998	21.1	16.9	15.6	20.9	356.0	190.0	61.8	45.8	42.0	68.6	34.7	23.8	75.3		May 29	641.0	33.57	14.27	1998
1999	20.4	15.8	14.6	32.5	181.0	466.0	177.0	60.7	50.8	45.8	35.1	21.1	93.5		Jun 19	848.0	39.57	13.77	1999
2000	16.8	14.6	12.5	16.6	125.0	427.0	180.0	71.8	79.1	66.3	43.3	25.5	89.7		Jun 11	597.0	53.24	12.03	2000
2001	19.8	15.6	12.9	18.1	118.0	532.0	272.0	94.3	89.2	58.5	43.3	28.5	108.6		Jun 13	602.0	64.10	11.91	2001
2002	18.9	15.8	13.4	15.2	192.0	607.0	204.0	59.0	61.4	61.1	28.6	21.8	108.2		Jun 18	910.0	37.57	12.26	2002
2003	18.3	16.9	14.4	26.5	196.0	379.0	201.0	55.7	95.8	92.3	59.0	32.7	99.2		Jun 04	594.0	36.93	13.01	2003
2004	21.2	15.5	14.3	31.3	250.0	254.0	106.0	69.0	61.8	61.0	35.8	25.2	78.9		Jun 09	461.0	44.50	13.90	2004
2005	20.9	19.2	17.9	60.0	364.0	314.0	124.0	85.8	59.4	60.5	47.6	25.9	100.4		Jun 02	584.0	44.44	17.36	2005
2006	20.5	18.1	16.2	20.1	226.0	352.0	85.3	32.0	18.5	16.1	13.4	12.6	69.3		Jun 05	582.0	17.27	11.61	2006
2007	10.6	11.4	12.1	19.7	156.0	575.0	217.0	80.6	71.8	93.5	50.6	22.7	110.1		Jun 07	1090.0	53.90	10.34	2007
2008	12.9	12.7	14.8	14.1	292.0	395.0	147.0	75.8	50.2	38.2	40.8	26.1	93.4		Jun 01	765.0	33.44	12.01	2008
2009	18.1	14.0	11.5	14.9	181.0	429.0	126.0	41.6	52.7	37.5	26.5	18.5	80.9		Jun 09	687.0	31.10	11.30	2009
2010	15.9	13.9	12.7	37.1	231.0	258.0	72.6	30.1	32.3	68.5	38.9	23.6	69.8		May 30	440.0	22.26	11.80	2010
2011	17.0	13.4	12.1	11.2	231.0	446.0	173.0	91.5	78.2	85.4	37.8	27.8	102.3		Jun 06	632.0	53.20	10.01	2011
Avg.	17.76	14.77	13.79	26.36	225.4	377.9	159.27	64.44	55.02	61.94	39.70	24.83	90.29	90.29		619.5	38.74	12.45	m^3/s
S. D.	3.50	2.35	2.43	14.44	75.21	111.18	66.11	22.38	17.39	22.20	13.34	7.26	14.64			166.55	12.25	2.03	m^3/s
Normal	18.12	15.09	14.15	27.86	232.17	386.53	156.61	62.92	53.96	60.16	38.62	24.22	91.04	m^3/s					
Normal	9	7	7	13	115	186	78	31	26	30	19	12	533	mm	10-Year	840.03	24.44	10.21	m^3/s







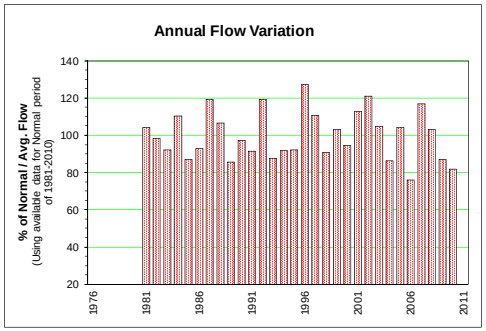


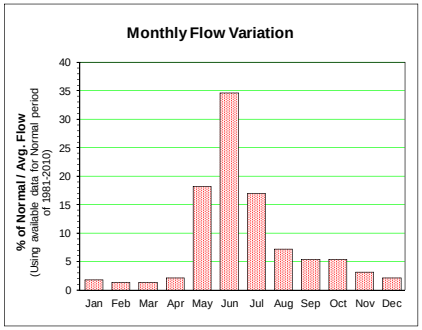
OSILINKA RIVER NEAR END LAKE 07EC004

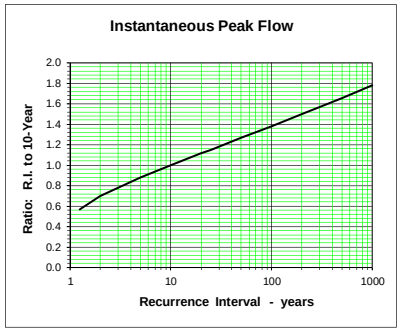
Station Longitude Latitude: -124.800698 56.126614

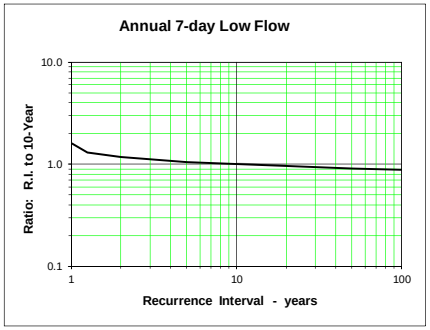
Monthly and Annual Discharge in m3/s — Drainage Area = 1945.19 km² — Median Elevation = 1381 m — Instantaneous Peak Flow — 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981	10.90	7.39	6.80	7.59	119.00	139.00	70.90	25.40	16.80	19.80	13.80	8.08	37.29	May 27	350.00	13.50	6.38	1981
1982	6.41	5.29	4.98	5.33	32.50	176.00	79.40	33.90	26.30	26.80	15.50	9.87	35.21	Jun 15	253.00	19.34	4.78	1982
1983	7.95	6.55	6.17	8.98	67.80	122.00	74.30	36.30	25.70	19.40	11.70	7.68	32.99	Jun 03	268.00	21.63	5.63	1983
1984	6.20	5.35	5.54	7.63	36.50	166.00	101.00	49.40	27.50	38.40	18.40	12.00	39.51	Jun 14	270.00	22.40	5.11	1984
1985	7.62	5.95	5.96	6.50	56.60	120.00	91.40	28.60	22.80	14.80	7.48	5.11	31.19	Jun 04	235.45	16.73	4.67	1985
1986	5.60	5.15	5.60	6.36	37.90	158.00	84.80	28.80	17.90	24.50	13.90	9.47	33.22	Jun 08	213.00	14.03	4.38	1986
1987	7.72	6.49	6.58	6.64	68.10	195.00	91.90	31.80	37.60	26.20	21.50	12.30	42.70	Jun 23	266.00	20.79	5.78	1987
1988	9.04	7.02	6.55	10.40	113.00	152.00	71.50	30.20	15.20	21.30	12.10	8.80	38.16	Jun 10	242.00	11.01	5.99	1988
1989	6.99	5.55	5.12	9.93	84.50	115.00	50.20	28.80	16.30	20.40	13.40	10.40	30.67	Jun 06	183.00	13.67	4.81	1989
1990	8.71	6.65	6.00	9.14	82.10	190.00	58.30	21.50	13.40	9.40	7.30	6.15	34.90	Jun 02	435.00	10.39	5.43	1990
1991	5.17	5.62	5.20	10.40	96.80	122.00	52.20	23.50	24.10	25.00	12.90	9.44	32.81	May 21	159.00	16.39	4.82	1991
1992	8.65	7.23	7.66	21.00	76.70	215.00	61.60	18.50	24.10	43.30	19.30	11.00	42.74	Jun 15	300.00	11.43	6.80	1992
1993	6.79	7.48	6.58	11.70	120.00	87.00	47.40	37.80	20.80	12.70	10.30	7.13	31.49	May 22	235.00	14.83	6.17	1993
1994	6.72	5.28	5.56	10.70	86.90	114.00	59.00	26.50	30.10	23.60	15.80	9.95	32.96	Jun 09	168.00	17.83	4.47	1994
1995	8.25	7.52	6.73	9.89	102.00	106.00	66.50	33.40	19.90	14.80	10.70	9.05	33.06	May 16	185.00	14.01	6.41	1995
1996	7.75	6.76	5.91	11.30	51.90	184.00	135.00	47.80	34.50	35.00	16.00	10.50	45.57	Jun 08	265.00	30.11	5.78	1996
1997	8.02	6.72	6.10	8.05	94.50	170.00	67.70	33.60	25.40	28.60	15.80	10.30	39.67	Jun 06	286.00	22.31	5.77	1997
1998	8.57	6.96	5.84	9.68	146.00	90.50	33.70	21.10	16.80	24.80	13.30	10.60	32.53	May 29	323.00	13.71	5.14	1998
1999	9.70	7.73	6.30	11.70	59.20	176.00	82.80	31.40	21.00	16.60	13.00	8.29	37.01	Jun 17	344.00	16.81	5.92	1999
2000	6.34	5.46	5.55	7.19	41.40	151.00	81.80	34.40	30.30	23.50	12.40	8.08	33.93	Jun 11	199.00	25.99	5.20	2000
2001	7.42	6.09	5.19	7.40	36.20	196.00	109.00	40.40	33.10	21.00	14.70	8.39	40.44	Jun 17	259.00	24.54	5.00	2001
2002	7.03	6.19	5.65	6.69	63.50	241.00	92.80	30.10	27.30	20.50	10.90	8.65	43.36	Jun 17	399.00	20.31	5.55	2002
2003	7.35	6.38	6.19	8.91	61.10	144.00	89.50	29.20	37.20	32.30	17.10	11.30	37.64	Jul 02	241.00	19.44	6.17	2003
2004	8.53	7.21	7.07	11.70	79.80	110.00	49.20	30.10	23.50	21.70	13.10	9.63	31.00	Jun 08	203.00	19.37	6.85	2004
2005	8.40	7.48	5.60	15.90	125.00	132.00	52.50	32.10	21.80	19.80	16.40	9.63	37.36	May 31	240.00	17.37	4.77	2005
2006	8.58	7.55	6.61	7.98	75.40	135.00	40.10	16.20	10.20	8.15	5.67	5.14	27.24	Jun 04	241.00	9.46	4.95	2006
2007	4.70	4.46	4.65	8.08	51.20	213.00	95.20	35.50	26.90	28.40	18.90	11.20	41.88	Jun 06	442.00	20.86	4.32	2007
2008	7.55	6.38	5.70	5.62	104.00	143.00	67.10	37.60	21.30	18.20	14.60	11.40	36.94	May 31	284.00	16.19	5.13	2008
2009	8.47	6.89	5.86	6.24	55.20	158.00	53.60	21.40	25.60	15.50	10.10	7.66	31.20	Jun 11	268.00	16.10	5.47	2009
2010	6.78	6.00	5.53	12.10	81.70	113.00	37.10	16.60	18.20	32.10	13.80	8.62	29.38	May 21	173.00	11.04	5.38	2010
2011																		2011
Avg.	7.60	6.43	5.96	9.36	76.88	151.12	71.58	30.40	23.72	22.89	13.66	9.19	35.80	35.80		264.31	17.39	5.43	m^3/s
S. D.	1.32	0.87	0.67	3.23	29.61	38.79	23.20	8.01	6.78	8.05	3.60	1.84	4.67			72.98	4.93	0.70	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.60	6.43	5.96	9.36	76.88	151.12	71.58	30.40	23.72	22.89	13.66	9.19	35.80	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	8	8	12	106	201	99	42	32	32	18	13	581	mm	10-Year	360.9	11.546	4.590	m^3/s









NATION RIVER NEAR FORT ST. JAMES 07ED001

Station Longitude Latitude: -124.231290 55.202210

Monthly and Annual Discharge in m3/s — Drainage Area = 4355.73 km^2 — Median Elevation = 1147 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976	15.20	12.50	10.70	18.60	226.00	307.00	167.00	73.20	51.50	37.60	32.80	21.90	81.31	Jun 12	351.00	44.34	10.60	1976
1977	15.50	13.80	11.90	20.30	222.00	188.00	98.20	44.60	26.40	27.30	27.30	18.80	59.82	May 13	283.00	23.47	11.33	1977
1978	13.90	11.00	11.30	14.10	89.80	159.00	46.80	15.90	18.70	28.70	26.60	20.30	38.05	Jun 06	206.00	14.80	10.29	1978
1979	15.50	11.00	8.54	9.64	113.00	241.00	84.40	26.90	16.90	16.40	13.60	12.10	47.46	Jun 06	323.00	16.27	8.33	1979
1980	10.30	8.71	7.93	8.94	103.00	85.60	44.50	23.70	21.30	26.60	50.10	38.60	35.86	May 19	151.00	17.20	7.35	1980
1981	25.60	15.00	12.10	16.10	216.00	234.00	66.50	21.20	10.40	14.00	17.90	17.40	55.70	May 28	405.00	9.57	9.57	1981
1982	13.70	11.30	10.40	10.00	81.20	300.00	101.00	45.00	30.70	26.20	34.70	22.60	57.21	Jun 05	385.00	24.46	9.63	1982
1983	17.00	14.50	13.40	20.50	152.00	148.00	113.00	54.00	28.10	20.80	20.70	14.80	51.67	May 25	198.00	26.26	12.79	1983
1984	12.10	10.10	10.70	19.60	120.00	269.00	133.00	35.50	24.20	36.60	28.80	23.10	60.22	Jun 13	345.00	21.47	9.54	1984
1985	15.80	10.80	9.81	11.80	107.00	210.00	78.10	22.00	16.10	18.00	15.40	10.80	43.86	Jun 05	331.00	13.27	9.39	1985
1986	11.00	8.91	8.67	11.10	76.70	333.00	122.00	37.80	15.90	24.70	27.50	20.90	58.16	Jun 09	401.00	13.14	7.60	1986
1987	16.90	16.10	14.30	18.40	169.00	260.00	80.00	26.00	14.90	13.70	30.40	30.40	57.59	Jun 01	334.00	13.86	12.60	1987
1988	19.40	16.60	14.30	21.70	260.00	276.00	74.00	29.70	14.10	17.30	23.40	19.40	65.56	May 18	377.00	11.47	11.47	1988
1989	15.10	12.30	10.70	23.00	186.00	125.00	47.00	22.10	12.60	13.00	24.30	24.60	43.19	May 12	244.00	10.23	10.23	1989
1990	21.90	15.00	14.10	22.30	183.00	261.00	67.30	23.00	12.60	11.00	12.30	10.80	54.60	Jun 02	416.00	10.06	9.48	1990
1991	8.74	10.20	9.42	17.30	208.00	161.00	61.40	19.50	22.40	30.80	34.80	26.70	51.10	May 21	290.00	13.67	8.26	1991
1992	22.30	19.10	20.10	65.30	221.00	293.00	71.90	14.90	11.30	39.70	46.20	27.80	70.97	Jun 03	367.00	8.27	8.27	1992
1993	16.00	12.50	11.00	21.10	233.00	145.00	79.30	55.60	33.50	19.90	22.40	18.50	56.01	May 23	367.00	25.60	10.27	1993
1994	16.80	12.90	12.60	24.20	218.00	201.00	70.70	23.90	16.20	21.50	32.20	20.10	56.06	May 26	292.00	14.91	11.17	1994
1995	16.80	15.10	13.10	18.10	206.00	147.00	58.00	25.60	19.70	22.50	25.90	20.30	49.25	May 18	318.00	16.80	12.61	1995
1996																		1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
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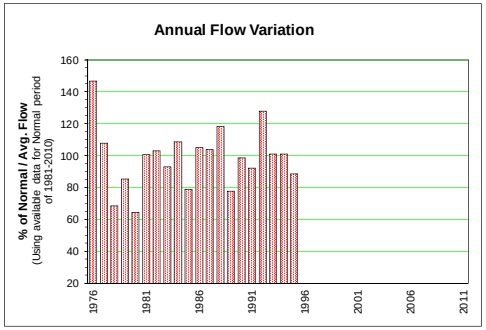
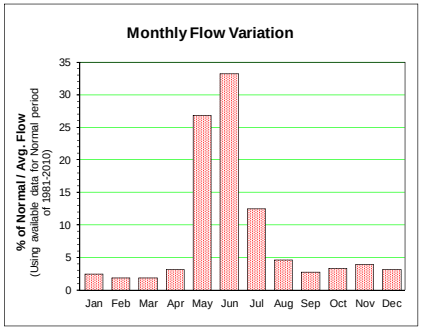
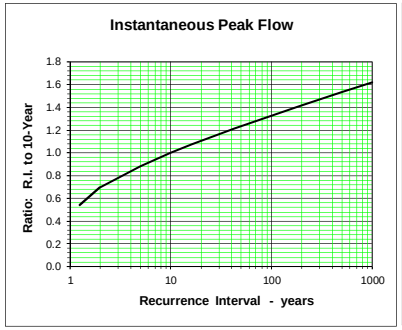
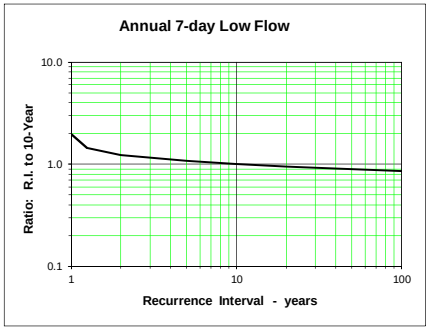
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	15.98	12.87	11.75	19.60	169.54	217.18	83.21	32.01	20.88	23.32	27.37	21.00	54.68	56.95		319.20	17.46	10.04	m^3/s
S. D.	4.09	2.74	2.74	11.76	58.78	70.07	31.32	15.32	9.74	8.41	9.71	6.70	10.68			73.29	8.39	1.62	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	16.61	13.36	12.31	21.37	175.79	224.20	81.55	30.39	18.85	21.98	26.46	20.55	55.41	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	7	8	13	108	133	50	19	11	14	16	13	401	mm	10-Year	473.9	10.623	8.133	m^3/s







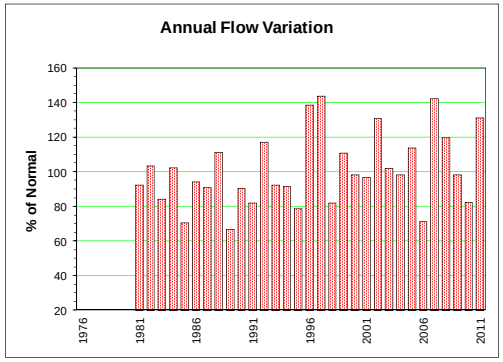


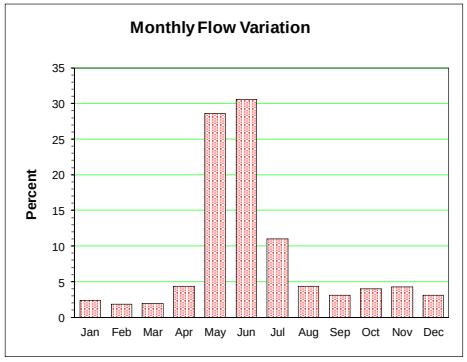
NATION RIVER NEAR THE MOUTH 07ED003

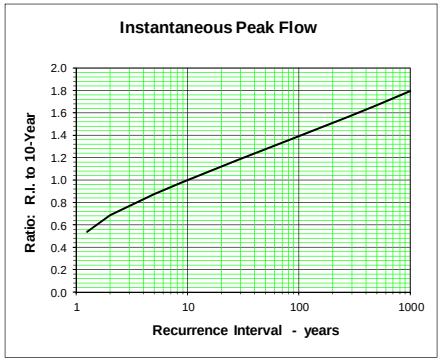
Station Longitude Latitude: -123.621239 55.434048

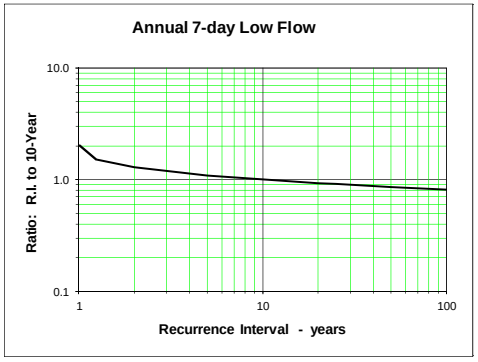
Monthly and Annual Discharge in m^3/s | Drainage Area = 6799.77 km^2 | Median Elevation = 1097 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981	39.0	23.0	18.5	27.2	347.0	276.0	74.1	25.7	13.8	20.4	27.7	28.0	77.0		May 26	585.00	12.53	12.53	1981
1982	22.6	18.2	16.0	16.3	183.0	397.0	140.0	67.9	42.3	45.6	51.9	33.4	86.3		Jun 04	612.00	35.23	15.07	1982
1983	24.6	20.9	19.0	51.5	227.0	172.0	144.0	62.1	34.6	31.7	30.7	20.7	70.3		May 23	267.00	32.63	17.94	1983
1984	18.0	15.2	16.7	34.1	214.0	366.0	151.0	42.6	36.4	56.3	41.5	32.9	85.4		Jun 13	482.00	30.11	14.34	1984
1985	21.6	15.6	14.7	20.2	189.0	247.0	87.2	27.8	23.6	25.2	20.0	13.9	59.0		May 31	430.00	18.17	13.40	1985
1986	15.1	13.2	15.4	20.1	139.0	434.0	150.0	41.8	20.0	32.9	34.5	24.9	78.4		Jun 08	559.00	16.90	11.56	1986
1987	21.3	21.2	19.8	28.0	268.0	294.0	91.8	35.1	21.9	21.4	44.4	41.0	75.9		Jun 01	425.00	19.94	18.76	1987
1988	26.6	22.7	19.9	44.2	412.0	349.0	94.0	37.9	20.5	25.6	32.3	25.8	92.7		May 14	604.00	16.64	16.64	1988
1989	20.3	16.3	14.1	39.3	258.0	144.0	55.0	25.9	15.0	17.6	29.9	29.4	55.7		May 10	345.00	11.96	11.96	1989
1990	25.1	18.5	19.2	44.8	262.0	346.0	88.3	27.2	18.6	18.9	19.5	17.6	75.6		Jun 01	574.00	15.16	14.87	1990
1991	14.2	17.2	14.3	44.7	293.0	184.0	75.0	27.3	33.8	41.0	40.5	30.7	68.3		May 21	366.00	19.96	12.41	1991
1992	29.1	26.2	31.4	135.0	321.0	342.0	84.7	23.0	22.5	62.6	62.0	33.2	97.6		Jun 03	464.00	13.97	13.97	1992
1993	19.1	18.4	15.9	52.0	321.0	182.0	106.0	74.4	42.8	27.6	32.9	25.2	76.9		May 22	469.00	31.66	13.90	1993
1994	22.8	17.8	19.3	60.9	313.0	226.0	87.7	30.1	25.5	35.3	44.0	29.9	76.4		May 21	366.00	22.36	15.21	1994
1995	23.8	17.6	18.1	41.9	296.0	163.0	73.0	37.4	26.9	34.6	29.3	20.1	65.5		May 17	460.00	21.96	16.07	1995
1996	17.2	15.6	35.3	98.2	267.0	500.0	197.0	69.9	55.3	54.1	48.6	30.4	115.6		Jun 07	686.00	48.94	14.83	1996
1997	25.4	25.4	24.0	47.0	460.0	462.0	131.0	43.7	35.7	63.1	76.5	40.9	119.9		May 17	768.00	34.40	20.66	1997
1998	24.8	20.1	20.2	38.1	330.0	151.0	50.6	26.9	21.2	52.4	46.1	34.1	68.4		May 14	382.00	20.17	18.51	1998
1999	26.2	22.9	20.7	59.7	283.0	396.0	134.0	43.2	31.0	25.0	31.8	34.9	92.5		Jun 18	496.00	25.26	20.31	1999
2000	23.3	17.2	16.0	29.6	206.0	288.0	104.0	49.0	60.8	66.3	87.9	35.3	81.9		Jun 10	393.00	38.56	15.11	2000
2001	25.8	21.9	19.5	27.8	158.0	334.0	150.0	57.2	40.7	39.9	58.0	35.2	80.8		Jun 02	427.00	35.67	18.60	2001
2002	27.8	23.0	20.3	25.6	297.0	561.0	183.0	43.5	30.6	33.3	30.3	29.9	108.9		Jun 07	744.00	27.43	19.53	2002
2003	26.3	23.4	21.1	43.4	237.0	299.0	118.0	36.5	37.4	63.6	70.1	43.1	85.1		Jun 01	454.00	27.54	20.50	2003
2004	30.4	25.1	23.0	60.5	276.0	207.0	108.0	64.6	50.5	54.4	46.4	33.8	81.8		May 22	322.00	43.86	22.64	2004
2005	26.0	21.9	20.7	78.9	381.0	239.0	97.3	71.5	49.6	54.8	52.7	40.6	95.0		May 16	547.00	39.40	19.94	2005
2006	28.9	25.7	23.9	32.6	248.0	231.0	49.9	20.4	11.8	11.9	12.6	14.7	59.4		May 26	468.00	10.83	10.83	2006
2007	14.2	15.1	16.3	30.0	259.0	585.0	158.0	78.7	57.5	82.2	77.4	49.6	118.7		Jun 07	884.08	45.30	13.39	2007
2008	29.7	21.8	20.1	25.3	418.0	386.0	103.0	43.6	35.2	34.5	45.3	32.0	99.7		May 30	781.00	29.40	19.90	2008
2009	21.2	18.5	17.5	33.8	314.0	324.0	109.0	31.9	23.6	24.8	33.0	27.3	81.8		May 27	487.00	21.51	17.33	2009
2010	22.7	19.7	17.9	53.3	271.0	230.0	57.9	21.9	17.6	38.6	43.0	29.5	68.8		May 22	420.00	14.47	14.47	2010
2011	22.4	20.2	16.2	16.8	335.0	446.0	205.0	79.0	41.8	57.9	39.2	27.8	109.4		May 24	781.00	35.71	15.21	2011
Avg.	23.73	19.98	19.52	43.90	283.3	314.9	111.53	44.12	32.21	40.44	43.23	30.51	84.16	84.17		518	26.38	16.14	m^3/s
S. D.	5.19	3.50	4.56	24.76	74.09	119.24	41.60	18.38	13.37	17.53	17.63	8.08	17.42			153.24	10.64	3.13	m^3/s
Normal	23.77	19.98	19.63	44.80	281.60	310.50	108.42	42.96	31.89	39.85	43.36	30.60	83.32	m^3/s					
Normal	9	7	8	17	111	118	43	17	12	16	17	12	387	mm	10-Year	722.40	13.97	12.33	m^3/s







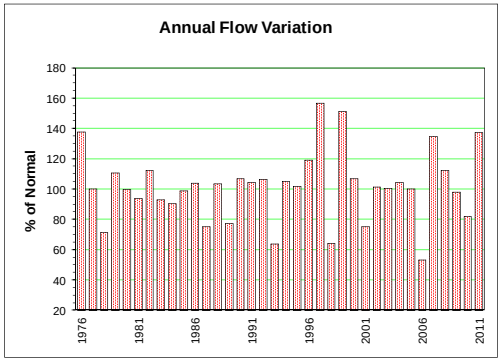


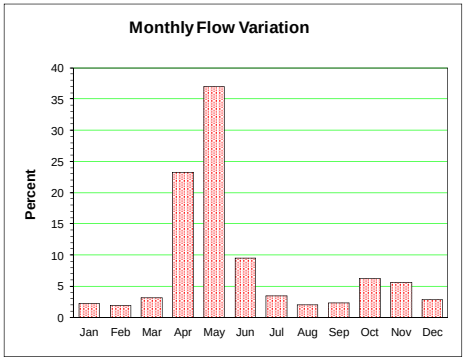
CHUCHINKA CREEK NEAR THE MOUTH 07EE009

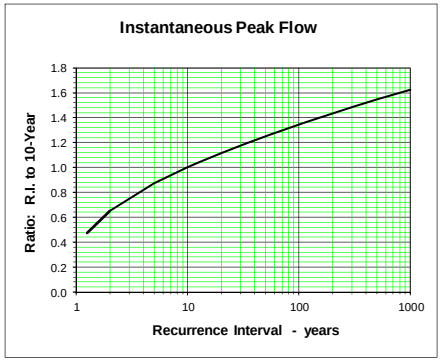
Station Longitude Latitude: -122.600000 54.529171

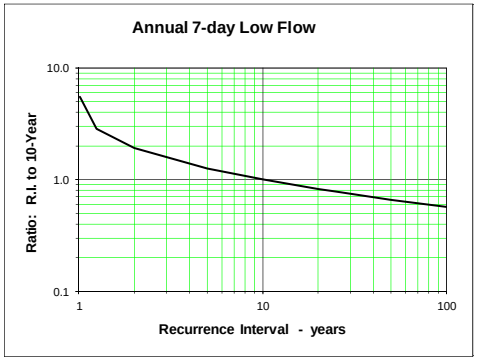
Monthly and Annual Discharge in m3/s — Drainage Area = 315.82 km^2 — Median Elevation = 961 m — Instantaneous Peak Flow — 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	1.11	1.06	1.01	11.20	38.20	11.90	3.74	4.14	3.67	2.73	1.89	1.64	6.89		May 03	80.70	2.239	0.955	1976
1977	1.56	1.65	1.72	16.80	18.20	4.47	3.76	1.49	2.58	3.70	2.57	1.45	5.01		Apr 27	64.30	0.863	0.863	1977
1978	1.07	0.71	1.06	12.00	13.50	2.15	0.49	1.14	2.18	2.32	4.59	1.52	3.57		Apr 28	34.80	0.219	0.219	1978
1979	0.77	0.65	2.05	7.65	36.10	12.60	2.25	0.58	0.68	1.19	0.77	0.52	5.52		May 27	77.30	0.438	0.438	1979
1980	0.52	0.47	0.51	10.60	12.70	6.05	4.62	1.40	5.02	4.86	5.81	7.18	4.98		Apr 29	30.70	0.892	0.442	1980
1981	5.01	2.87	2.97	14.00	20.20	5.84	1.35	0.54	0.40	0.65	1.24	0.97	4.68		Apr 24	35.00	0.337	0.337	1981
1982	0.48	0.49	0.58	3.17	35.70	11.60	4.07	2.92	2.20	2.37	2.06	1.24	5.62		May 18	54.00	1.789	0.438	1982
1983	0.84	1.28	2.47	8.34	10.10	5.32	6.40	4.28	4.04	4.16	5.46	2.85	4.64		Apr 26	41.40	3.469	0.743	1983
1984	1.23	1.12	2.20	9.87	12.20	6.02	2.46	0.58	1.19	11.10	3.78	2.23	4.51		Oct 08	46.00	0.513	0.513	1984
1985	0.94	0.71	0.72	12.60	24.20	4.09	0.71	0.34	2.37	8.35	3.02	0.89	4.94		May 19	34.10	0.228	0.228	1985
1986	1.25	1.25	2.37	11.50	29.70	7.82	2.19	0.90	0.67	1.33	2.03	1.04	5.20		May 20	62.10	0.532	0.532	1986
1987	1.01	1.84	3.10	12.50	18.70	2.37	0.66	0.56	0.49	0.64	1.87	1.19	3.75		May 02	70.50	0.398	0.398	1987
1988	0.74	0.62	0.84	21.20	24.80	6.46	1.74	0.93	0.67	1.25	1.61	1.09	5.16		Apr 29	59.60	0.469	0.469	1988
1989	0.92	0.65	0.76	14.90	15.40	1.94	1.07	0.51	0.51	1.25	4.74	3.51	3.85		Apr 21	42.80	0.306	0.306	1989
1990	3.60	1.15	1.24	18.40	23.00	10.10	1.23	0.36	0.39	1.56	1.45	1.43	5.34		May 31	64.20	0.304	0.304	1990
1991	1.42	2.34	1.98	19.90	22.70	5.39	1.18	0.57	0.85	2.19	1.92	2.10	5.22		Apr 23	52.00	0.334	0.334	1991
1992	2.34	2.55	3.83	19.30	15.50	4.30	0.59	0.23	1.79	6.52	5.24	1.71	5.31		Apr 28	52.70	0.184	0.184	1992
1993	0.89	0.85	0.91	14.60	7.84	3.02	2.72	1.45	0.71	1.18	2.71	1.49	3.19		Apr 23	28.50	0.599	0.599	1993
1994	1.30	1.09	2.50	24.60	20.30	2.92	1.89	0.39	0.60	3.34	2.65	1.45	5.26		Apr 22	58.50	0.310	0.310	1994
1995	1.05	1.83	3.98	17.50	16.40	1.95	2.26	5.05	1.53	4.45	3.16	1.67	5.09		Apr 29	34.70	0.970	0.970	1995
1996	2.11	2.42	4.35	28.50	16.00	5.24	2.91	1.13	1.86	3.38	2.36	1.33	5.95		Apr 25	45.60	0.903	0.903	1996
1997	0.83	0.98	1.94	18.00	41.70	11.70	2.80	1.02	0.81	6.64	5.55	1.46	7.83		May 16	82.00	0.681	0.681	1997
1998	0.87	0.84	1.78	14.50	12.00	1.23	0.78	0.39	0.33	3.23	1.59	0.96	3.21		Apr 24	50.90	0.244	0.244	1998
1999	0.71	0.68	1.27	18.90	45.30	13.50	1.57	1.42	1.78	2.16	1.76	1.22	7.56		Apr 25	81.30	0.566	0.566	1999
2000	0.99	0.72	0.75	15.00	22.40	4.70	4.08	1.56	4.37	3.51	4.34	1.60	5.34		May 01	50.78	0.828	0.657	2000
2001	1.00	0.90	0.70	5.21	14.20	4.47	2.81	2.71	1.56	2.56	6.60	2.15	3.76		May 02	19.72	1.018	0.565	2001
2002	1.23	1.26	0.95	4.56	28.50	13.50	2.18	0.55	1.53	3.01	2.06	1.21	5.07		May 21	57.28	0.420	0.420	2002
2003	0.78	0.63	1.42	19.00	15.30	3.95	1.90	0.62	2.24	7.52	4.64	2.28	5.03		Apr 25	59.30	0.530	0.530	2003
2004	1.08	0.71	1.68	15.40	15.50	6.37	2.24	0.74	2.29	4.40	10.00	2.28	5.21		May 03	40.80	0.389	0.389	2004
2005	2.18	3.05	4.12	14.60	9.41	2.16	3.58	2.07	2.45	10.50	3.86	1.88	5.00		Apr 25	36.30	1.132	1.129	2005
2006	1.31	0.87	0.98	9.92	13.30	2.14	0.57	0.39	0.36	0.62	0.73	0.73	2.67		Apr 29	28.10	0.240	0.240	2006
2007	0.75	0.85	2.67	17.20	32.60	8.19	1.22	0.78	1.47	5.84	6.47	2.27	6.72		May 08	55.30	0.640	0.640	2007
2008	1.33	1.26	1.34	3.29	41.20	6.30	1.43	1.75	1.73	2.71	3.57	1.03	5.62		May 17	88.20	0.644	0.644	2008
2009	0.74	0.68	0.81	3.05	35.90	8.63	2.28	0.54	0.65	1.05	2.48	1.48	4.90		May 18	63.20	0.426	0.426	2009
2010	1.29	1.23	1.79	14.30	14.30	3.10	0.78	0.33	1.86	3.00	3.65	3.46	4.10		Apr 21	37.80	0.180	0.180	2010
2011	2.13	1.88	0.89	3.09	36.00	5.45	15.80	2.89	3.38	2.89	3.68	3.43	6.86		May 12	91.40	1.026	0.781	2011
Avg.	1.32	1.23	1.78	13.48	22.5	6.0	2.56	1.31	1.70	3.56	3.39	1.83	5.07	5.07		53	0.70	0.52	m^3/s
S. D.	0.88	0.69	1.08	6.15	10.53	3.57	2.63	1.21	1.21	2.64	1.97	1.18	1.15			18.35	0.64	0.24	m^3/s
Normal	1.34	1.26	1.90	14.13	21.81	5.81	2.05	1.19	1.46	3.68	3.42	1.67	4.99	m^3/s					
Normal	11	10	16	116	185	48	17	10	12	31	28	14	499	mm	10-Year	78.29	0.23	0.25	m^3/s







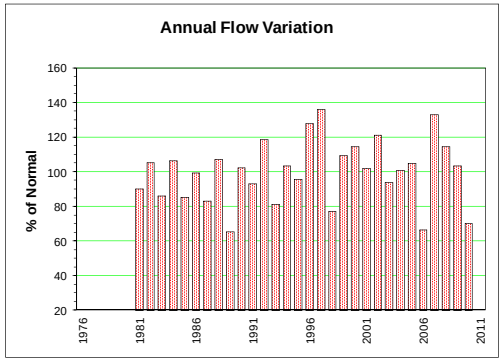


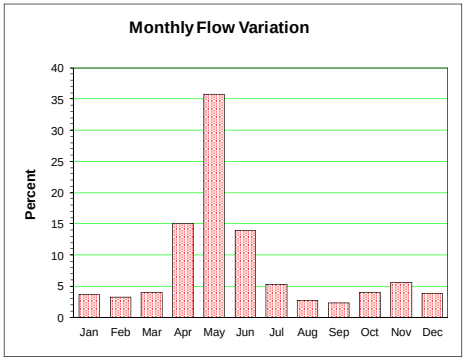
PACK RIVER AT OUTLET OF MCLEOD LAKE 07EE010

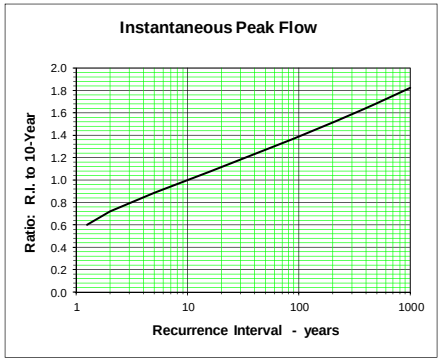
Station Longitude Latitude: -123.036890 54.995855

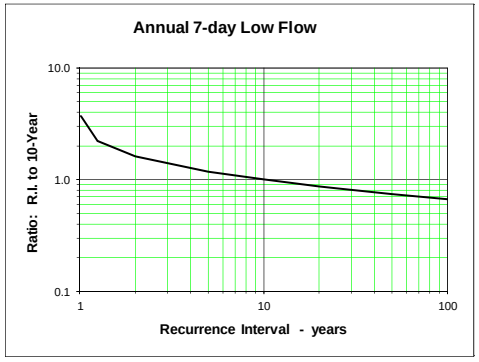
Monthly and Annual Discharge in m^3/s | Drainage Area = 3704.77 km^2 | Median Elevation = 874 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981	33.70	27.70	24.90	62.20	187.00	58.80	19.40	8.00	5.74	7.78	12.70	12.80	38.5		May 10	242	5.36	5.36	1981
1982	11.80	12.30	11.50	12.90	219.00	126.00	31.70	24.30	21.10	24.30	25.80	17.30	45.1		May 22	368	19.09	10.50	1982
1983	11.90	11.60	15.90	81.60	132.00	41.20	61.80	25.50	9.35	10.00	24.30	14.40	36.8		May 01	207	8.60	7.14	1983
1984	14.80	17.90	20.20	94.00	161.00	94.60	37.50	13.40	17.30	36.90	22.00	16.20	45.5		May 21	209	11.43	11.29	1984
1985	13.50	13.10	13.10	42.40	166.00	68.10	15.20	6.78	11.30	38.80	32.80	14.50	36.5		May 22	226	5.27	5.27	1985
1986	15.20	16.10	28.40	71.90	179.00	106.00	31.10	14.60	8.36	12.00	14.20	12.20	42.6		May 28	240	7.01	7.01	1986
1987	13.20	15.40	18.10	99.00	161.00	44.80	16.70	10.20	7.61	6.04	16.60	16.50	35.5		May 09	236	6.53	5.65	1987
1988	12.60	14.70	16.00	76.90	254.00	87.80	25.30	12.30	7.38	9.92	17.90	13.80	45.9		May 14	317	6.10	6.10	1988
1989	13.10	10.70	10.10	46.60	147.00	28.90	13.80	7.40	6.20	7.21	20.70	22.40	28.0		May 07	232	5.39	5.37	1989
1990	34.30	20.30	17.20	92.60	174.00	94.90	26.00	9.28	7.75	12.70	17.80	16.60	43.7		May 07	232	6.36	6.31	1990
1991	14.10	19.60	20.80	89.20	188.00	49.60	20.90	9.16	10.10	12.80	18.60	22.70	39.8		May 10	241	6.93	6.93	1991
1992	24.30	28.50	49.90	145.00	166.00	55.90	14.40	6.33	9.65	34.50	49.40	24.90	50.7		May 01	247	4.57	4.57	1992
1993	16.80	14.30	14.20	95.50	122.00	34.80	42.50	19.50	12.20	10.60	18.50	15.10	34.8		Apr 29	192	9.92	9.65	1993
1994	16.50	16.90	24.30	130.00	186.00	49.50	26.00	10.40	9.94	16.50	24.90	18.60	44.2		May 03	250	8.11	8.11	1994
1995	16.40	16.60	19.40	108.00	171.00	38.10	20.10	24.60	17.10	20.90	19.40	18.10	41.0		May 13	224	11.46	11.11	1995
1996	30.50	25.70	27.60	137.00	188.00	101.00	35.50	17.60	17.70	25.10	28.40	21.30	54.6		Apr 27	259	14.30	14.30	1996
1997	18.80	20.80	24.30	48.90	279.00	133.00	38.90	14.80	10.10	29.80	53.50	23.40	58.2		May 17	422	9.39	9.39	1997
1998	18.70	16.40	19.20	77.10	153.00	27.20	13.00	6.67	5.22	22.70	20.00	15.90	33.1		May 04	269	5.02	5.02	1998
1999	17.20	16.90	16.20	91.60	198.00	101.00	25.00	13.80	13.90	14.20	25.50	25.50	46.7		Apr 29	285	10.79	10.79	1999
2000	18.40	14.30	14.00	52.80	171.00	65.70	37.50	19.50	35.20	42.20	89.30	27.40	49.0		May 06	221	15.76	13.19	2000
2001	20.30	17.20	15.20	39.40	160.00	70.10	36.10	33.60	18.70	21.50	56.10	31.90	43.5		May 09	187	16.24	14.79	2001
2002	22.80	20.30	16.70	51.20	233.00	149.00	39.60	14.00	13.60	19.30	20.60	19.50	51.8		May 21	314	11.40	11.40	2002
2003	14.10	14.40	14.30	101.00	155.00	63.00	21.10	9.62	11.30	26.70	32.70	16.90	40.1		Apr 30	238	8.31	8.31	2003
2004	15.10	15.80	16.10	99.90	130.00	56.70	24.00	14.90	19.10	27.30	60.00	39.80	43.2		May 05	190	9.82	9.82	2004
2005	30.40	52.00	58.40	100.00	115.00	39.00	26.30	18.10	13.70	36.10	31.10	18.90	44.8		Apr 27	202	12.29	12.29	2005
2006	20.60	16.60	15.00	70.20	126.00	40.10	11.10	7.13	5.04	7.15	10.50	11.30	28.5		May 01	155	4.27	4.27	2006
2007	12.30	12.90	18.40	85.30	261.00	116.00	27.10	15.40	13.00	31.30	56.20	31.20	56.9		May 10	305	11.91	11.37	2007
2008	21.10	17.80	18.60	27.50	272.00	106.00	23.00	15.90	15.50	17.20	26.10	24.00	48.9		May 22	404	13.61	13.47	2008
2009	20.80	18.20	15.90	46.20	241.00	94.50	29.10	9.10	8.52	9.33	19.90	15.50	44.2		May 14	300	7.29	7.29	2009
2010	13.40	13.10	16.40	81.10	117.00	41.60	13.30	6.98	8.71	16.10	17.70	14.10	30.0		May 02	183	6.00	6.00	2010
2011																			2011
Avg.	18.56	18.27	20.34	78.57	180.4	72.8	26.77	13.96	12.35	20.23	29.44	19.76	42.74	42.73		253	9.28	8.74	m^3/s
S. D.	6.42	7.69	10.24	31.49	46.36	33.84	11.13	6.68	6.18	10.65	17.82	6.58	7.78			63.33	3.85	3.14	m^3/s
Normal	18.56	18.27	20.34	78.57	180.40	72.76	26.77	13.96	12.35	20.23	29.44	19.76	42.74	m^3/s					
Normal	13	12	15	55	130	51	19	10	9	15	21	14	364	mm	10-Year	335.77	5.10	5.09	m^3/s







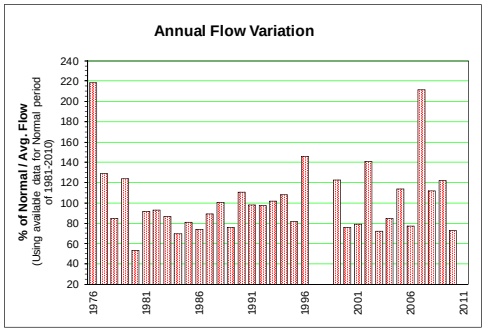


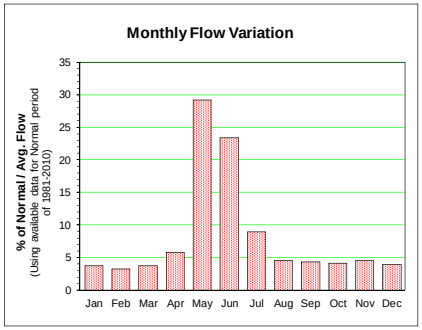
PINKUT CREEK NEAR TINTAGEL 08EC004

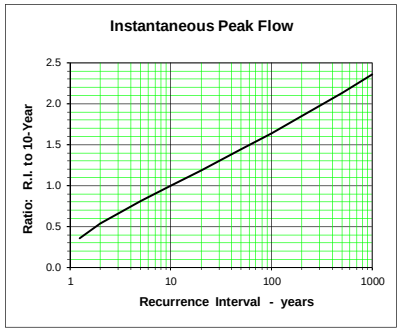
Station Longitude Latitude: -125.426058 54.414570

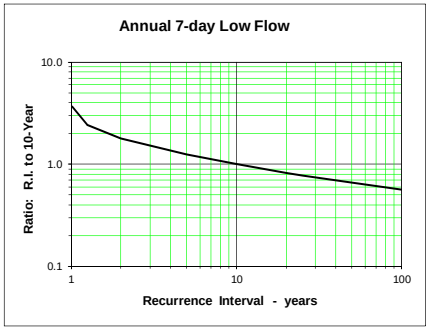
Monthly and Annual Discharge in m^3/s | Drainage Area = 794.55 km^2 | Median Elevation = 1084 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Date	Annual	Jun-Sep	Annual	Year
1976	4.62	4.38	3.40	3.52	40.10	34.60	11.80	8.56	5.72	3.88	3.40	3.52	10.65		May 12	71.40	4.08	3.036	1976
1977	3.58	3.11	2.84	3.90	26.00	10.80	6.65	4.01	3.00	4.36	3.91	2.90	6.29		May 10	46.38	2.27	2.273	1977
1978	2.61	2.70	2.76	3.11	11.70	10.80	3.55	2.82	2.59	2.53	2.36	2.21	4.15		May 23	24.20	1.20	1.204	1978
1979	2.02	1.96	2.23	2.40	24.00	21.80	6.28	2.49	3.06	2.67	1.90	1.45	6.04		May 29	46.70	1.59	1.240	1979
1980	1.61	1.62	1.62	1.84	2.61	3.41	3.92	2.72	3.37	2.64	2.82	3.25	2.62		Jul 05	4.93	1.99	1.459	1980
1981	3.40	2.75	2.53	3.11	9.30	13.50	4.87	4.13	3.28	2.62	2.17	1.94	4.47		Jun 05	16.08	3.09	1.883	1981
1982	1.57	1.52	1.81	2.27	7.61	21.60	6.22	2.89	2.89	2.07	1.97	2.05	4.54		Jun 02	39.80	2.44	1.493	1982
1983	1.94	1.89	2.18	2.85	10.50	7.47	9.05	5.07	3.07	2.28	2.26	1.97	4.23		May 16	15.10	2.29	1.857	1983
1984	2.24	1.72	3.35	3.28	6.44	10.40	4.15	1.66	2.01	1.97	1.97	1.87	3.42		Jun 10	14.30	1.02	1.019	1984
1985	1.64	1.68	1.95	2.26	13.20	14.30	2.88	1.86	2.06	1.84	1.86	1.85	3.95		May 27	34.80	0.99	0.985	1985
1986	1.87	1.77	1.90	2.01	3.04	17.60	6.34	1.80	1.90	1.84	1.72	1.70	3.62		Jun 05	20.90	1.42	1.424	1986
1987	2.00	2.21	2.28	2.64	24.70	8.28	1.29	1.36	1.89	1.75	1.86	1.87	4.37		May 13	39.50	0.41	0.411	1987
1988	1.78	1.68	1.71	2.16	18.20	18.40	5.46	1.96	2.04	1.80	1.78	1.85	4.91		May 15	31.10	1.64	1.636	1988
1989	2.28	1.92	2.11	2.67	16.40	6.06	1.63	2.26	2.18	2.27	2.30	2.36	3.72		May 13	25.60	1.30	1.297	1989
1990	2.39	2.17	2.26	3.22	19.30	18.60	6.86	1.94	2.07	1.98	2.05	1.95	5.41		Jun 04	24.10	1.59	1.594	1990
1991	1.78	1.81	1.83	2.45	22.80	10.20	5.92	2.22	2.19	2.03	2.03	1.97	4.80		May 11	33.80	1.94	1.580	1991
1992	1.93	2.06	2.64	13.30	19.00	7.98	1.55	1.35	1.92	1.69	1.86	1.75	4.75		Apr 30	25.80	0.72	0.724	1992
1993	1.46	1.77	2.12	2.60	12.70	11.40	9.75	6.36	4.10	2.31	2.67	2.20	4.98		May 24	23.10	3.05	1.287	1993
1994	2.07	2.05	1.89	7.44	26.90	10.80	3.65	1.36	1.77	1.85	1.71	1.70	5.29		May 04	32.40	0.98	0.980	1994
1995	1.79	1.83	1.76	2.31	22.40	7.24	2.04	1.58	1.74	1.60	1.51	1.57	3.97		May 16	40.90	1.07	1.070	1995
1996	1.64	1.81	1.94	9.13	28.00	22.30	7.16	2.64	2.22	1.71	3.90	3.06	7.13		May 28	37.10	1.87	1.544	1996
1997	2.11	1.79	1.68																1997
1998	2.29	1.91	1.86	1.98															1998
1999	2.02	2.12	2.24	2.61	19.50	19.10	10.40	2.98	2.94	2.50	2.59	2.53	5.98		May 25	31.80	2.22	1.951	1999
2000	2.34	2.24	2.05	2.20	5.52	11.00	4.20	2.42	2.91	2.00	5.32	2.44	3.71		Jun 13	14.80	2.03	1.721	2000
2001	1.81	1.75	2.06	2.55	8.90	12.30	4.20	2.44	2.81	2.49	2.53	2.48	3.86		Jun 02	20.20	1.60	1.597	2001
2002	2.39	2.37	2.18	2.49	22.90	29.60	7.81	2.10	2.84	2.66	2.58	2.53	6.88		May 24	65.50	1.29	1.287	2002
2003	2.82	2.57	2.48	2.78	5.30	10.20	3.86	1.77	2.90	2.63	2.71	2.51	3.54		Jun 02	18.70	1.58	1.580	2003
2004	2.28	2.41	2.36	2.47	9.17	6.57	5.14	2.64	2.61	4.08	5.71	4.24	4.15		May 14	13.00	2.13	2.127	2004
2005	3.34	2.70	2.73	7.24	21.90	9.49	5.11	3.61	2.53	2.47	2.58	2.58	5.55		Apr 29	29.20	2.15	2.154	2005
2006	2.58	2.47	2.50	2.63	10.30	11.30	2.38	2.54	2.46	2.22	2.09	1.87	3.78		May 28	23.00	1.78	1.780	2006
2007	1.83	1.88	1.82	2.57	40.80	30.40	10.80	6.98	4.30	7.34	9.95	4.45	10.31		May 29	55.50	3.14	1.783	2007
2008	3.07	2.56	2.17	2.08	26.00	14.30	3.42	2.26	2.84	2.40	2.23	2.08	5.47		May 21	55.80	1.27	1.267	2008
2009	2.01	2.02	1.95	2.43	26.90	17.40	5.89	2.40	2.54	2.72	2.50	2.32	5.95		May 17	42.20	1.12	1.120	2009
2010	2.01	1.88	1.83	2.18	11.70	10.90	1.77	1.38	3.01	2.15	1.95	1.89	3.56		May 25	29.10	0.87	0.872	2010
2011																			2011
Avg.	2.26	2.15	2.20	3.37	17.39	14.25	5.33	2.87	2.72	2.53	2.75	2.33	5.03	5.14		31.72	1.76	1.49	m^3/s
S. D.	0.67	0.54	0.44	2.39	9.77	7.35	2.79	1.67	0.82	1.08	1.61	0.71	1.76			15.42	0.79	0.50	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.16	2.04	2.14	3.45	16.76	13.88	5.14	2.64	2.57	2.40	2.73	2.27	4.87	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7	6	7	11	57	45	17	9	8	8	9	8	193	mm	10-Year	58.0	0.873	0.772	m^3/s







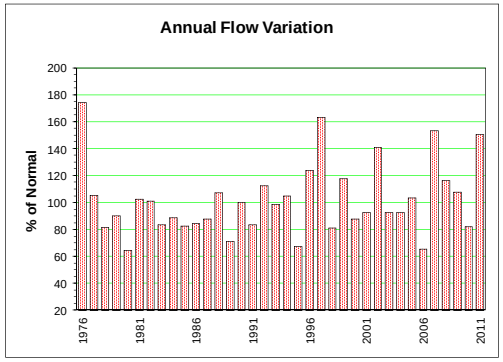


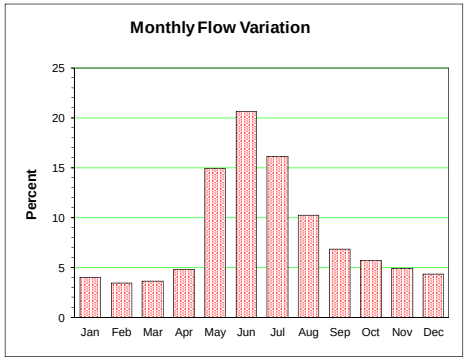
BABINE RIVER AT OUTLET OF NILKITKWA LAKE 08EC013

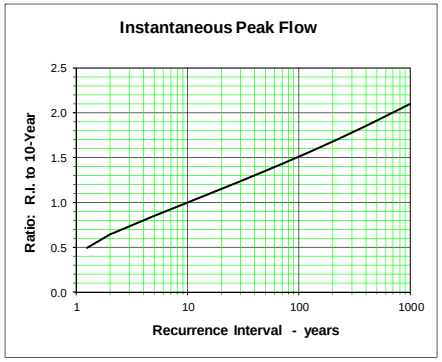
Station Longitude Latitude: -126.697563 55.426682

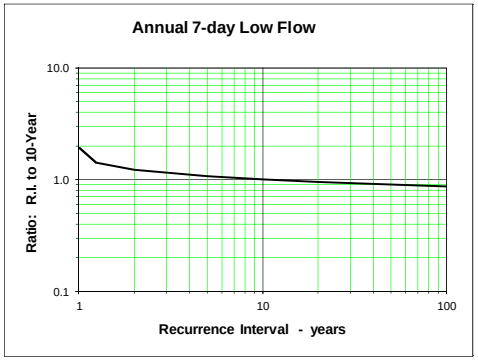
Monthly and Annual Discharge in m^3/s | Drainage Area = 6731.93 km^2 | Median Elevation = 973 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	30.70	29.50	27.80	32.80	146.00	222.00	186.00	125.00	83.40	59.60	46.20	36.30	85.6		Jun 19	243.0	69.16	27.06	1976
1977	30.80	28.40	25.60	38.10	102.00	111.00	84.10	58.20	43.10	38.70	32.10	27.80	51.8		Jun 01	120.0	41.06	24.66	1977
1978	26.30	23.50	22.00	25.30	62.30	91.00	68.60	45.10	33.80	30.60	28.00	23.40	40.1		Jun 04	103.0	29.16	21.54	1978
1979	20.60	20.70	19.80	21.70	70.00	119.00	94.90	56.70	37.70	29.90	22.00	17.80	44.4		Jun 15	127.0	32.01	17.43	1979
1980	16.30	16.00	16.30	18.40	55.50	60.90	49.50	35.80	30.20	26.90	29.50	26.10	31.8		May 31	67.6	28.10	15.71	1980
1981	25.10	22.40	20.70	25.00	94.40	139.00	98.70	57.10	40.20	29.90	27.00	22.70	50.3		Jun 03	152.0	35.97	20.23	1981
1982	21.40	22.30	22.40	21.10	60.40	144.00	108.00	68.70	45.70	33.30	26.20	21.60	49.7		Jun 13	160.0	38.64	20.44	1982
1983	18.30	17.00	16.20	22.00	65.50	76.60	85.60	64.80	44.00	31.60	26.60	21.60	41.0		Jul 07	98.4	40.24	15.61	1983
1984	21.00	18.80	18.50	26.70	67.40	103.00	85.90	53.30	39.90	37.20	27.80	23.50	43.7		Jun 12	113.0	34.64	18.01	1984
1985	21.10	20.50	19.50	20.80	58.00	101.00	80.20	49.30	36.50	30.40	26.10	22.40	40.6		Jun 04	118.0	32.56	18.90	1985
1986	19.90	19.60	19.90	21.50	50.90	106.00	88.30	52.60	35.50	32.50	27.70	22.40	41.5		Jun 27	128.9	31.59	18.96	1986
1987	20.50	20.00	19.80	27.70	93.50	110.00	72.40	44.90	32.10	24.00	28.30	24.10	43.2		May 29	123.8	28.64	19.60	1987
1988	20.00	20.50	19.20	26.90	98.90	144.00	108.00	66.70	42.90	33.90	29.20	22.80	52.8		Jun 15	158.0	36.13	18.59	1988
1989	20.70	18.50	18.20	24.10	80.30	83.90	56.70	36.90	23.50	19.40	18.10	18.30	35.0		May 31	99.1	19.63	17.40	1989
1990	19.50	19.00	18.90	29.80	88.40	132.00	105.00	62.40	38.30	29.00	24.30	21.30	49.2		Jun 04	146.0	32.59	18.33	1990
1991	18.00	18.90	17.60	24.80	85.60	93.60	70.20	45.10	30.30	29.10	28.50	28.30	41.0		May 31	106.0	26.06	17.10	1991
1992	26.50	26.20	29.40	65.00	131.00	140.00	88.70	48.20	30.10	27.90	27.50	22.80	55.3		Jun 01	153.0	27.34	21.76	1992
1993	20.60	17.70	16.50	26.30	80.80	105.00	91.90	74.50	52.30	36.60	32.00	25.60	48.5		Jun 02	123.0	45.00	15.99	1993
1994	23.20	22.90	22.00	39.40	116.00	128.00	96.90	61.40	40.10	27.90	21.60	18.40	51.7		Jun 14	145.0	34.43	17.64	1994
1995	16.70	17.00	16.90	25.20	77.80	77.50	53.60	35.50	23.90	19.10	16.30	16.30	33.1		May 27	96.3	19.91	15.67	1995
1996	18.10	17.80	17.70	32.50	101.00	165.00	130.00	84.00	53.60	42.60	36.20	31.70	61.0		Jun 12	181.0	43.97	16.40	1996
1997	30.10	29.00	27.50	37.00	165.00	233.00	153.00	91.10	57.30	49.20	48.20	40.30	80.3		Jun 04	265.0	49.57	27.04	1997
1998	34.00	30.90	27.60	31.10	91.10	85.30	57.50	34.90	23.60	22.50	20.40	18.70	39.9		May 26	121.0	19.94	18.31	1998
1999	18.10	19.40	20.10	27.40	90.20	149.00	125.00	81.50	60.20	42.20	31.70	26.30	57.8		Jun 20	166.4	50.31	17.87	1999
2000	23.00	20.80	20.10	27.10	68.00	98.30	75.30	48.70	35.20	32.30	37.70	32.00	43.3		Jun 11	112.0	31.49	19.70	2000
2001	28.50	26.00	24.00	25.80	51.90	100.00	91.30	60.60	43.00	34.10	32.80	28.20	45.6		Jun 29	113.0	38.66	22.59	2001
2002	23.60	22.70	21.90	24.90	97.90	223.00	164.00	91.10	58.50	42.50	32.30	27.50	69.4		Jun 17	250.0	54.81	21.41	2002
2003	25.00	24.90	24.50	28.50	70.00	96.60	84.10	54.10	38.90	35.60	34.50	27.40	45.5		Jun 07	109.0	35.97	23.79	2003
2004	24.90	24.00	23.10	33.30	75.60	77.80	67.30	47.60	42.40	45.30	44.60	40.20	45.6		Jun 06	88.9	37.44	22.67	2004
2005	34.10	31.80	29.50	44.90	104.00	104.00	79.90	58.40	38.80	32.50	28.00	23.20	50.9		May 27	122.0	33.54	22.24	2005
2006	21.20	19.20	17.90	21.50	51.50	87.50	57.40	34.50	21.90	18.30	17.50	17.00	32.2		Jun 03	117.0	20.31	15.80	2006
2007	17.20	17.00	17.00	21.90	101.00	201.00	161.00	112.00	81.70	62.20	59.90	49.70	75.4		Jun 11	221.0	69.29	16.66	2007
2008	40.60	34.00	30.50	27.20	101.00	144.00	96.40	64.30	49.10	36.70	33.10	29.80	57.3		Jun 02	168.0	43.84	26.67	2008
2009	26.80	24.80	22.80	26.10	99.50	151.00	102.00	58.70	40.20	29.50	29.00	22.90	52.9		Jun 08	167.0	34.97	21.23	2009
2010	20.50	20.00	18.40	29.60	80.40	111.00	72.30	42.60	29.00	23.80	19.00	16.00	40.3		Jun 12	122.0	25.79	15.30	2010
2011	17.00	18.60	18.80	18.20	90.20	224.00	179.00	123.00	73.40	51.10	38.60	32.00	73.9		Jun 06	240.0	62.20	15.34	2011
Avg.	23.33	22.23	21.35	28.32	86.8	126.1	96.35	61.93	42.51	34.11	30.24	25.73	50.04	50.22		143	37.08	19.55	m^3/s
S. D.	5.67	4.65	4.10	8.64	25.67	45.81	35.01	23.17	14.90	10.21	9.06	7.32	13.17			48.33	12.45	3.40	m^3/s
Normal	23.27	22.12	21.28	28.84	86.57	123.67	93.55	59.52	40.96	33.04	29.74	25.43	49.13	m^3/s					
Normal	9	8	8	11	34	48	37	24	16	13	11	10	230	mm	10-Year	211.43	23.95	15.83	m^3/s







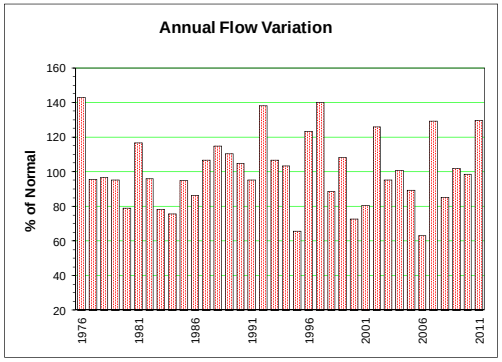


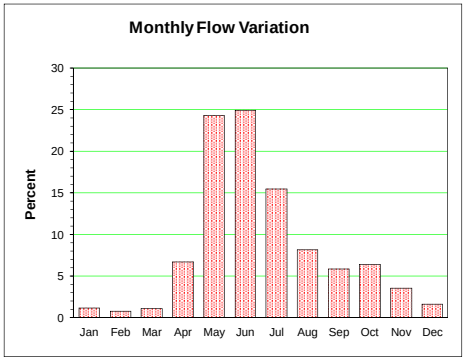
GOATHORN CREEK NEAR TELKWA 08EE008

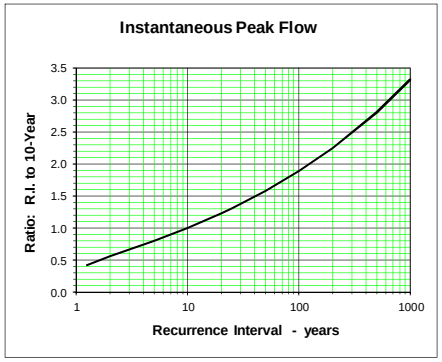
Station Longitude Latitude: -127.122505 54.649021

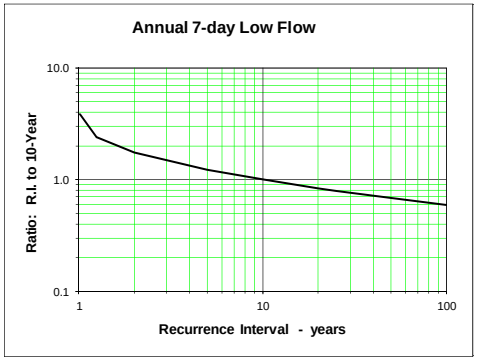
Monthly and Annual Discharge in m^3/s | Drainage Area = 121.66 km^2 | Median Elevation = 1164 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	0.291	0.283	0.206	0.456	6.72	6.51	5.74	4.16	1.96	1.460	1.250	0.614	2.48		Jun 18	12.70	1.394	0.187	1976
1977	0.318	0.262	0.214	2.530	3.50	3.49	3.43	1.96	1.56	1.480	0.808	0.302	1.66		Apr 26	14.10	0.947	0.194	1977
1978	0.166	0.119	0.112	0.744	3.65	5.51	2.32	1.71	1.19	1.390	2.990	0.240	1.68		Nov 01	32.60	0.832	0.102	1978
1979	0.152	0.113	0.124	0.955	5.40	3.98	3.51	1.88	1.44	1.690	0.367	0.131	1.66		Jun 03	13.00	0.901	0.081	1979
1980	0.094	0.080	0.071	0.549	3.86	3.52	2.00	0.98	1.19	1.370	2.250	0.532	1.38		Jul 05	10.70	0.863	0.067	1980
1981	0.384	0.251	0.191	0.463	7.35	4.40	3.33	2.14	1.11	3.280	0.966	0.246	2.03		May 25	20.30	0.836	0.181	1981
1982	0.185	0.121	0.112	0.149	4.80	7.61	3.00	1.19	1.27	0.873	0.472	0.165	1.67		Jun 01	18.50	0.814	0.103	1982
1983	0.127	0.121	0.124	0.940	4.57	3.74	3.46	1.26	0.88	0.586	0.334	0.095	1.36		May 30	11.00	0.554	0.090	1983
1984	0.143	0.148	0.199	0.724	2.61	4.14	3.15	1.73	0.91	1.570	0.209	0.197	1.32		Jun 11	10.77	0.565	0.095	1984
1985	0.179	0.139	0.141	0.284	5.84	5.42	3.70	2.14	1.00	0.543	0.221	0.077	1.65		May 24	15.20	0.717	0.069	1985
1986	0.070	0.066	0.096	0.389	3.56	7.34	2.94	1.14	0.77	0.914	0.455	0.228	1.50		Jun 15	31.10	0.430	0.054	1986
1987	0.189	0.187	0.157	1.150	5.36	4.34	3.37	2.02	2.23	1.270	1.450	0.443	1.86		Sep 21	10.50	1.104	0.143	1987
1988	0.181	0.152	0.171	1.890	5.09	5.74	3.02	2.41	2.31	1.840	0.717	0.424	2.00		Sep 29	51.50	0.631	0.133	1988
1989	0.252	0.045	0.118	2.830	6.70	4.48	2.61	1.79	0.94	0.820	1.490	0.859	1.92		May 06	14.40	0.695	0.035	1989
1990	0.443	0.191	0.219	1.720	5.80	6.54	3.79	1.51	0.59	0.445	0.258	0.271	1.82		May 28	22.10	0.516	0.180	1990
1991	0.165	0.128	0.126	2.040	3.70	3.65	2.19	1.39	0.70	4.190	0.917	0.554	1.66		Oct 10	26.50	0.566	0.116	1991
1992	0.498	0.548	1.420	4.070	5.36	7.23	2.36	0.98	1.75	3.020	1.110	0.470	2.40		Sep 29	13.70	0.622	0.339	1992
1993	0.207	0.272	0.190	1.430	6.59	6.25	2.24	1.87	0.73	0.532	1.560	0.327	1.86		Jun 15	20.40	0.494	0.163	1993
1994	0.246	0.210	0.272	3.440	5.21	5.03	3.09	1.39	1.24	0.697	0.455	0.208	1.80		Jun 13	10.50	0.734	0.194	1994
1995	0.160	0.119	0.108	0.634	4.67	3.32	2.43	0.86	0.60	0.429	0.199	0.121	1.15		May 15	10.80	0.417	0.091	1995
1996	0.252	0.164	0.268	2.220	3.78	6.05	5.75	2.13	2.35	1.670	0.735	0.307	2.14		Jul 18	19.80	1.014	0.098	1996
1997	0.203	0.254	0.231	2.350	7.75	6.85	4.09	2.54	1.55	2.160	0.766	0.260	2.43		Jun 04	18.20	0.970	0.128	1997
1998	0.162	0.163	0.174	1.360	6.79	3.28	2.34	1.18	0.77	1.260	0.582	0.262	1.54		May 27	12.90	0.596	0.145	1998
1999	0.170	0.145	0.190	1.300	4.05	6.71	4.24	2.92	1.14	0.908	0.437	0.270	1.88		Jun 16	17.80	0.878	0.133	1999
2000	0.190	0.147	0.165	0.690	2.01	4.25	2.62	1.07	1.27	1.120	1.300	0.371	1.27		Jun 10	10.40	0.717	0.142	2000
2001	0.234	0.156	0.147	0.895	2.62	5.26	3.36	1.73	1.04	0.587	0.484	0.265	1.40		Jun 28	17.10	0.597	0.138	2001
2002	0.209	0.186	0.158	0.561	7.62	9.06	3.58	1.56	1.48	0.704	0.635	0.449	2.19		May 21	28.90	0.784	0.139	2002
2003	0.535	0.272	0.155	1.120	3.90	4.54	3.52	1.48	1.33	1.870	0.847	0.246	1.66		Jun 30	11.30	0.969	0.124	2003
2004	0.146	0.125	0.166	2.360	4.01	4.12	2.38	1.29	2.13	1.640	1.660	0.983	1.75		Jun 07	11.60	0.725	0.119	2004
2005	0.366	0.289	0.391	2.920	4.59	3.68	2.17	1.47	0.67	0.935	0.742	0.357	1.55		Apr 26	11.70	0.446	0.209	2005
2006	0.200	0.152	0.123	0.515	3.11	4.14	2.13	1.09	0.71	0.473	0.261	0.196	1.10		Jun 02	11.60	0.448	0.115	2006
2007	0.155	0.156	0.168	1.240	5.74	7.50	4.56	3.35	1.13	1.710	0.854	0.235	2.25		Jun 05	21.00	0.657	0.127	2007
2008	0.235	0.182	0.155	0.415	6.02	2.78	2.40	2.10	1.12	0.868	0.841	0.551	1.48		May 18	12.80	0.879	0.142	2008
2009	0.273	0.208	0.141	0.884	4.28	6.15	4.77	1.34	1.26	0.700	0.834	0.318	1.77		Jul 08	18.80	0.870	0.125	2009
2010	0.235	0.175	0.141	1.540	5.60	4.81	2.23	1.16	1.91	1.660	0.781	0.261	1.72		Sep 25	15.80	0.683	0.129	2010
2011	0.168	0.137	0.122	0.222	7.76	7.87	4.32	1.89	2.23	1.440	0.514	0.240	2.25		May 17	24.10	0.923	0.116	2011
Avg.	0.227	0.180	0.202	1.33	5.00	5.26	3.23	1.74	1.29	1.336	0.854	0.335	1.76	1.77		18	0.74	0.13	m^3/s
S. D.	0.105	0.088	0.217	0.975	1.526	1.580	0.971	0.695	0.520	0.827	0.595	0.196	0.354			8.42	0.21	0.05	m^3/s
Normal	0.23	0.18	0.21	1.42	4.97	5.28	3.16	1.67	1.23	1.31	0.75	0.33	1.74	m^3/s					
Normal	5	4	5	30	109	112	70	37	26	29	16	7	450	mm	10-Year	28.39	0.49	0.07	m^3/s







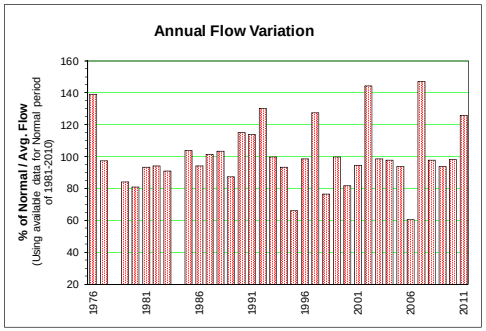


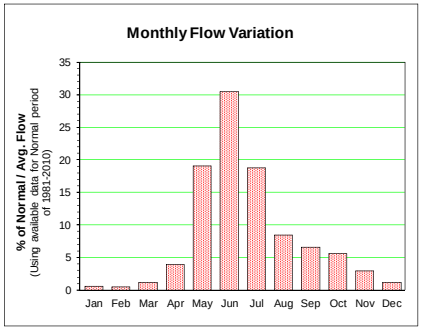
SIMPSON CREEK AT THE MOUTH 08EE012

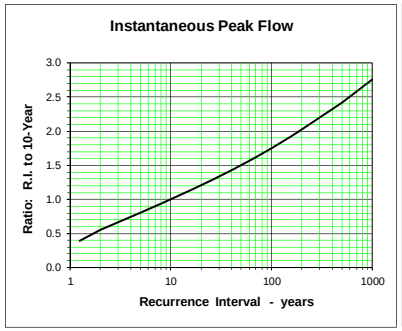
Station Longitude Latitude: -127.205093 54.809861

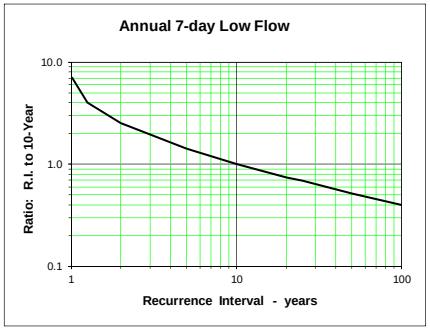
Monthly and Annual Discharge in m^3/s | Drainage Area = 13.21 km^2 | Median Elevation = 1311 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	0.033	0.034	0.014	0.143	0.537	1.040	1.070	0.676	0.415	0.286	0.135	0.039	0.370	Jun 18	2.69	0.269	0.012	1976
1977	0.009	0.023	0.025	0.300	0.386	0.686	0.714	0.413	0.326	0.145	0.051	0.016	0.259	Jul 09	2.40	0.215	0.007	1977
1978	0.007	0.005	0.012	0.084	0.294			0.421	0.198	0.332	0.314	0.006		Nov 01	5.07	0.106	0.004	1978
1979	0.003	0.009	0.024	0.143	0.438	0.642	0.589	0.270	0.248	0.267	0.036	0.007	0.224	Jun 02	2.09	0.148	0.003	1979
1980	0.004	0.003	0.002	0.061	0.543	0.634	0.419	0.183	0.267	0.163	0.216	0.083	0.215	May 12	1.54	0.124	0.002	1980
1981	0.047	0.023	0.021	0.082	0.773	0.578	0.584	0.273	0.166	0.235	0.142	0.031	0.248	May 25	3.60	0.062	0.011	1981
1982	0.008	0.005	0.005	0.016	0.403	1.460	0.470	0.253	0.263	0.093	0.021	0.008	0.250	Jun 27	3.78	0.084	0.005	1982
1983	0.008	0.008	0.008	0.098	0.771	0.872	0.521	0.216	0.190	0.108	0.077	0.016	0.242	Jun 02	6.38	0.098	0.007	1983
1984	0.006	0.022	0.091		0.287	0.874	0.779				0.026	0.019		Aug 06	4.01		0.002	1984
1985	0.013	0.016	0.083	0.156	0.752	0.848	0.662	0.260	0.404	0.075	0.019	0.006	0.276	Jun 30	3.74	0.112	0.006	1985
1986	0.005	0.005	0.034	0.054	0.269	1.270	0.600	0.237	0.141	0.271	0.103	0.015	0.251	Jun 15	9.48	0.033	0.002	1986
1987	0.015	0.019	0.030	0.115	0.467	0.915	0.692	0.248	0.344	0.140	0.202	0.047	0.270	Sep 21	2.39	0.134	0.013	1987
1988	0.006	0.006	0.014	0.103	0.616	0.901	0.563	0.458	0.312	0.225	0.067	0.016	0.275	Sep 29	9.55	0.052	0.005	1988
1989	0.013	0.011	0.017	0.059	0.639	0.833	0.458	0.216	0.151	0.101	0.110	0.163	0.232	Jun 04	2.61	0.083	0.009	1989
1990	0.084	0.027	0.046	0.148	0.832	1.350	0.773	0.233	0.079	0.040	0.024	0.016	0.306	Jun 03	4.67	0.054	0.011	1990
1991	0.016	0.033	0.032	0.190	0.648	0.862	0.469	0.258	0.142	0.674	0.208	0.081	0.303	Oct 15	4.34	0.116	0.011	1991
1992	0.047	0.056	0.207	0.254	0.508	1.500	0.500	0.166	0.430	0.334	0.123	0.040	0.346	Jun 13	5.25	0.079	0.024	1992
1993	0.015	0.022	0.019	0.119	1.210	0.772	0.355	0.273	0.077	0.064	0.208	0.032	0.265	May 20	5.95	0.037	0.014	1993
1994	0.022	0.018	0.055	0.312	0.647	0.848	0.587	0.192	0.163	0.081	0.027	0.013	0.248	Jun 23	2.30	0.053	0.012	1994
1995	0.011	0.013	0.022	0.076	0.668	0.674	0.357	0.166	0.048	0.039	0.014	0.010	0.176	May 14	3.00	0.024	0.009	1995
1996	0.019	0.017	0.033	0.154	0.379	0.932	0.892	0.331	0.169	0.147	0.050	0.018	0.262	Jul 18	3.06	0.087	0.009	1996
1997	0.009	0.012	0.037	0.236	0.833	1.240	0.706	0.377	0.174	0.294	0.097	0.032	0.339	Jun 12	4.52	0.127	0.008	1997
1998	0.016	0.013	0.036	0.067	1.150	0.467	0.246	0.144	0.083	0.121	0.054	0.023	0.204	May 26	4.74	0.059	0.010	1998
1999	0.010	0.004	0.008	0.158	0.369	1.030	0.749	0.406	0.184	0.127	0.081	0.042	0.265	Jun 16	5.14	0.088	0.004	1999
2000	0.022	0.010	0.018	0.050	0.221	0.910	0.587	0.230	0.217	0.189	0.128	0.032	0.218	Jun 10	1.61	0.105	0.008	2000
2001	0.013	0.007	0.018	0.061	0.196	0.961	0.849	0.379	0.246	0.107	0.127	0.046	0.252	Jun 28	2.96	0.160	0.006	2001
2002	0.023	0.013	0.008	0.044	0.673	1.770	0.788	0.309	0.536	0.212	0.173	0.058	0.384	Jun 15	5.11	0.162	0.006	2002
2003	0.050	0.020	0.013	0.118	0.429	0.878	0.678	0.244	0.248	0.334	0.093	0.030	0.262	Oct 25	3.09	0.147	0.008	2003
2004	0.016	0.014	0.024	0.233	0.695	0.692	0.327	0.180	0.376	0.282	0.201	0.083	0.260	Jun 06	2.25	0.085	0.013	2004
2005	0.021	0.021	0.048	0.314	0.726	0.644	0.469	0.377	0.113	0.107	0.095	0.044	0.250	May 14	1.96	0.068	0.012	2005
2006	0.021	0.018	0.021	0.032	0.447	0.767	0.291	0.089	0.115	0.068	0.034	0.027	0.161	Jun 03	3.42	0.043	0.017	2006
2007	0.023	0.018	0.050	0.179	0.473	1.900	1.030	0.475	0.171	0.225	0.114	0.026	0.391	Jun 07	6.19	0.084	0.018	2007
2008	0.014	0.023	0.039	0.074	0.772	0.602	0.570	0.381	0.249	0.152	0.129	0.096	0.260	Aug 20	3.20	0.175	0.009	2008
2009	0.032	0.025	0.018	0.115	0.420	1.270	0.639	0.138	0.124	0.086	0.081	0.038	0.249	Jul 14	4.55	0.096	0.017	2009
2010	0.027	0.024	0.057	0.118	0.638	0.983	0.453	0.187	0.290	0.232	0.083	0.029	0.261	Jun 12	2.47	0.072	0.022	2010
2011	0.022	0.017	0.043	0.137	0.850	1.350	0.850	0.352	0.235	0.076	0.040	0.024	0.334	Jun 02	2.92	0.129	0.012	2011
Avg.	0.020	0.017	0.034	0.132	0.582	0.970	0.608	0.286	0.226	0.184	0.103	0.036	0.268	0.267	3.95	0.102	0.010	m^3/s
S. D.	0.016	0.010	0.036	0.080	0.236	0.337	0.198	0.119	0.114	0.124	0.070	0.032	0.053		1.89	0.053	0.005	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.021	0.017	0.037	0.129	0.597	0.987	0.588	0.265	0.214	0.178	0.097	0.038	0.266	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	3	8	25	121	194	119	54	42	36	19	8	635	mm	10-Year	6.1	0.045	0.004	m^3/s







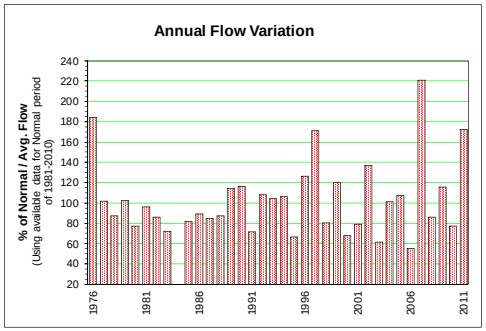


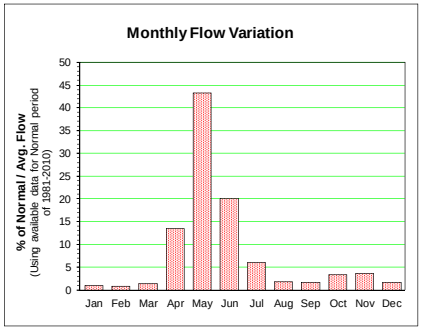
BUCK CREEK AT THE MOUTH 08EE013

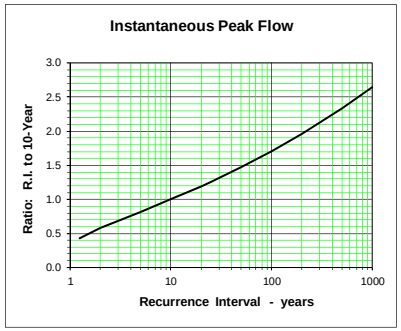
Station Longitude Latitude: -126.653389 54.398513

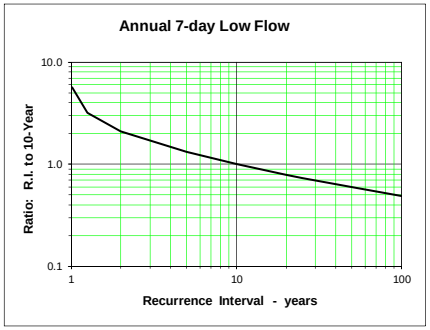
Monthly and Annual Discharge in m^3/s | Drainage Area = 566.52 km^2 | Median Elevation = 1114 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	1.07	0.87	0.58	1.95	41.60	29.90	5.95	3.16	3.01	2.79	2.24	1.26	7.89	May 11	61.70	2.314	0.532	1976
1977	0.88	0.80	0.64	14.30	21.50	5.02	3.04	0.75	1.27	2.46	0.97	0.62	4.37	Apr 27	62.00	0.411	0.411	1977
1978	0.41	0.34	0.44	3.12	16.20	15.40	2.58	0.66	0.58	1.99	2.61	0.63	3.76	Jun 14	41.60	0.448	0.320	1978
1979	0.32	0.23	0.25	4.11	30.50	11.90	2.65	0.62	0.38	0.72	0.36	0.28	4.39	May 03	68.80	0.276	0.169	1979
1980	0.26	0.22	0.24	2.96	18.60	2.74	4.06	0.88	2.08	2.28	4.16	1.10	3.32	May 13	36.50	0.574	0.207	1980
1981	0.70	0.50	0.42	3.23	29.60	9.87	1.70	0.47	0.23	1.01	0.95	0.29	4.11	May 15	49.60	0.170	0.170	1981
1982	0.16	0.22	0.26	0.66	17.30	16.40	4.08	1.04	0.84	1.53	1.20	0.47	3.70	Jun 02	58.60	0.443	0.150	1982
1983	0.37	0.32	0.32	4.70	14.10	5.77	6.71	1.50	0.86	0.88	1.06	0.30	3.10	Apr 30	25.20	0.643	0.262	1983
1984	0.40	0.44	0.60	4.07	14.50	8.33	2.40				0.57	0.53		May 20	24.00	0.687	0.267	1984
1985	0.50	0.41	0.53	1.39	25.50	8.68	2.85	0.44	0.41	0.53	0.29	0.09	3.50	May 21	56.38	0.150	0.069	1985
1986	0.06	0.03	0.37	2.54	16.30	20.90	2.23	0.27	0.40	1.28	0.96	0.58	3.83	Jun 15	43.80	0.196	0.000	1986
1987	0.58	0.68	0.81	7.01	23.00	4.91	0.39	0.63	0.43	0.70	3.64	0.69	3.64	May 09	39.90	0.273	0.273	1987
1988	0.39	0.43	0.59	5.92	17.70	12.30	1.66	0.89	0.58	1.92	1.52	1.02	3.75	Jun 09	45.20	0.288	0.283	1988
1989	0.68	0.34	0.40	16.70	24.10	3.86	1.89	0.99	0.54	0.91	4.18	3.94	4.90	May 04	50.60	0.346	0.305	1989
1990	1.42	0.67	1.07	11.20	24.30	12.10	5.54	0.75	0.18	0.68	0.83	0.63	4.97	May 30	39.10	0.134	0.134	1990
1991	0.33	0.31	0.35	7.33	17.80	4.70	2.23	0.35	0.22	0.98	1.02	1.02	3.07	May 10	31.10	0.146	0.146	1991
1992	1.04	1.06	6.49	18.80	16.60	6.35	0.78	0.14	0.39	1.75	1.53	0.65	4.63	Apr 20	29.80	0.093	0.093	1992
1993	0.36	0.43	0.45	6.12	20.20	12.60	4.96	3.72	1.05	0.82	2.10	0.61	4.47	May 22	35.50	0.741	0.328	1993
1994	0.48	0.38	1.10	16.90	21.00	6.22	2.87	0.93	0.53	1.87	1.38	0.66	4.54	Apr 30	34.90	0.325	0.325	1994
1995	0.39	0.34	0.33	6.39	20.60	2.87	0.93	0.56	0.30	0.51	0.46	0.37	2.86	May 15	39.70	0.255	0.254	1995
1996	0.61	0.54	0.52	10.90	22.40	15.60	4.19	1.14	2.91	2.88	2.38	0.84	5.41	May 27	38.40	0.747	0.378	1996
1997	0.61	0.72	0.76	11.30	45.30	15.10	2.60	0.69	0.70	4.64	3.45	1.24	7.31	May 15	94.50	0.294	0.294	1997
1998	0.56	0.46	0.44	5.30	22.50	2.97	3.75	0.51	0.48	1.71	1.59	0.64	3.44	May 04	42.60	0.382	0.382	1998
1999	0.39	0.30	0.53	7.31	20.80	16.20	8.97	1.43	1.95	1.47	1.18	0.88	5.14	May 25	39.70	0.855	0.285	1999
2000	0.46	0.29	0.33	2.92	12.40	8.99	1.67	0.36	0.54	1.61	4.24	1.02	2.90	Jun 11	24.50	0.199	0.199	2000
2001	0.47	0.33	0.32	3.07	13.40	13.70	3.59	0.82	0.83	1.07	1.99	1.12	3.40	Jun 02	32.80	0.409	0.295	2001
2002	0.66	0.45	0.28	1.27	38.20	22.00	2.50	0.36	1.13	1.24	1.05	0.69	5.86	May 22	97.20	0.175	0.175	2002
2003	0.48	0.38	0.31	4.86	10.60	4.35	4.69	0.49	0.60	2.65	1.59	0.63	2.65	Apr 27	25.40	0.295	0.269	2003
2004	0.37	0.31	0.46	10.00	15.30	5.26	3.49	0.97	4.26	4.69	4.74	2.22	4.34	May 05	50.10	0.468	0.290	2004
2005	1.02	1.31	1.41	17.90	17.70	3.07	1.44	1.61	1.05	4.37	2.75	1.43	4.60	Apr 27	63.50	0.677	0.677	2005
2006	0.61	0.38	0.31	3.09	12.20	7.61	0.82	0.76	0.44	0.59	0.91	0.58	2.37	Jun 03	28.60	0.216	0.216	2006
2007	0.59	0.57	1.20	6.29	43.40	38.50	7.44	4.12	2.03	3.60	3.69	1.38	9.44	Jun 07	84.90	1.593	0.514	2007
2008	1.02	0.81	0.75	1.86	27.80	5.47	1.04	0.90	1.09	0.76	1.36	1.02	3.69	May 19	59.90	0.405	0.405	2008
2009	0.71	0.32	0.10	5.88	30.60	13.30	3.96	0.41	0.37	0.63	2.39	0.55	4.97	May 03	39.20	0.147	0.076	2009
2010	0.20	0.13	0.29	5.84	18.00	5.92	0.75	0.25	1.46	3.06	2.46	1.01	3.30	May 21	32.80	0.115	0.109	2010
2011	0.86	0.91	0.54	1.62	43.60	22.30	9.35	2.55	1.47	2.49	1.13	0.83	7.36	May 28	104.00	0.380	0.339	2011
Avg.	0.57	0.48	0.69	6.63	22.92	11.14	3.33	1.03	1.02	1.80	1.91	0.88	4.43	4.41		48.11	0.452	0.267	m^3/s
S. D.	0.29	0.27	1.04	5.05	9.42	8.02	2.23	0.95	0.91	1.19	1.23	0.66	1.56			20.77	0.429	0.138	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.55	0.46	0.74	7.02	21.77	10.46	3.07	0.95	0.93	1.74	1.92	0.90	4.27	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	3	2	3	32	103	48	15	4	4	8	9	4	238	mm	10-Year	74.6	0.144	0.116	m^3/s







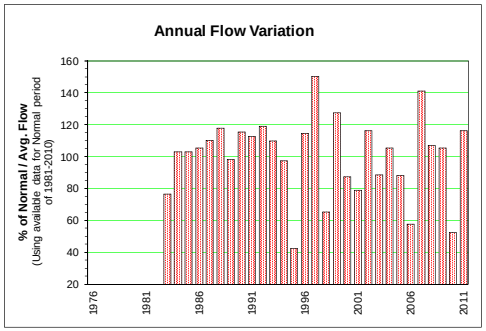


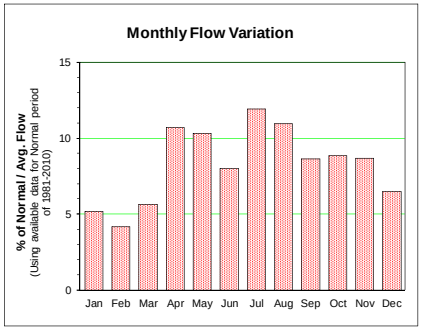
TWO MILE CREEK IN DISTRICT LOT 4834 08EE025

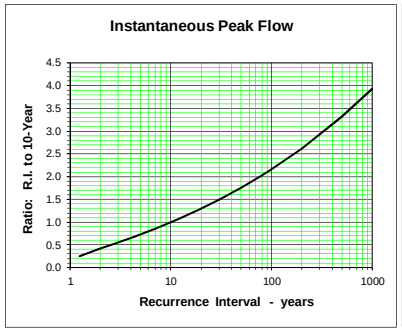
Station Longitude Latitude: -127.620979 55.296123

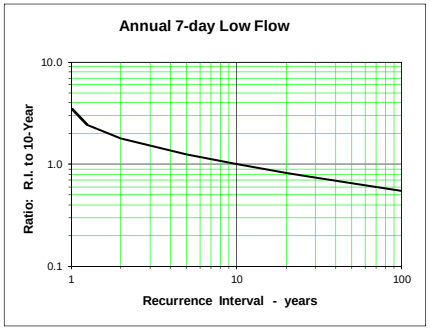
Monthly and Annual Discharge in m^3/s | Drainage Area = 19.73 km^2 | Median Elevation = 706 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981																		1981
1982									0.136	0.130	0.096	0.044						1982
1983	0.062	0.064	0.083	0.092	0.082	0.085	0.138	0.141	0.131	0.107	0.100	0.044	0.094	Jul 10	0.16	0.063	0.038	1983
1984	0.047	0.056	0.147	0.133	0.182	0.124	0.143	0.180	0.149	0.165	0.103	0.085	0.127	May 18	0.26	0.105	0.039	1984
1985	0.076	0.082	0.080	0.166	0.249	0.154	0.162	0.157	0.150	0.123	0.076	0.044	0.127	May 04	0.54	0.123	0.040	1985
1986	0.054	0.050	0.057	0.137	0.160	0.166	0.166	0.156	0.135	0.200	0.147	0.120	0.129	Jun 16	0.29	0.108	0.039	1986
1987	0.118	0.113	0.141	0.245	0.155	0.074	0.106	0.131	0.130	0.106	0.177	0.133	0.136	Apr 10	0.41	0.055	0.055	1987
1988	0.074	0.087	0.127	0.185	0.156	0.172	0.205	0.193	0.150	0.154	0.140	0.093	0.145	Sep 29	0.30	0.131	0.062	1988
1989	0.089	0.065	0.051	0.201	0.195	0.101	0.126	0.106	0.086	0.083	0.139	0.205	0.121	Apr 21	0.46	0.076	0.019	1989
1990	0.181	0.074	0.107	0.145	0.095	0.209	0.329	0.211	0.113	0.088	0.081	0.066	0.142	Jul 02	2.11	0.096	0.045	1990
1991	0.041	0.028	0.018	0.160	0.161	0.067	0.094	0.132	0.098	0.254	0.324	0.277	0.138	Nov 12	1.07	0.056	0.017	1991
1992	0.201	0.192	0.185	0.135	0.134	0.082	0.172	0.128	0.128	0.166	0.139	0.094	0.146	Nov 05	0.59	0.056	0.056	1992
1993	0.077	0.073	0.076	0.127	0.161	0.204	0.207	0.192	0.126	0.086	0.201	0.091	0.135	Nov 02	0.64	0.104	0.063	1993
1994	0.069	0.062	0.133	0.343	0.130	0.076	0.146	0.142	0.119	0.098	0.075	0.046	0.120	Apr 05	0.57	0.065	0.044	1994
1995	0.035	0.033	0.042	0.099	0.048	0.033	0.059	0.088	0.063	0.060	0.038	0.026	0.052	May 24	0.61	0.027	0.017	1995
1996	0.027	0.037	0.095	0.187	0.185	0.097	0.193	0.216	0.195	0.220	0.152	0.086	0.141	Jul 04	0.46	0.071	0.021	1996
1997	0.063	0.059	0.060	0.397	0.237	0.171	0.448	0.255	0.153	0.163	0.127	0.078	0.185	May 21	1.42	0.129	0.051	1997
1998	0.060	0.061	0.076	0.085	0.087	0.090	0.118	0.116	0.090	0.079	0.058	0.043	0.080	May 26	0.26	0.080	0.037	1998
1999	0.036	0.034	0.055	0.200	0.239	0.222	0.276	0.223	0.172	0.160	0.141	0.116	0.157	Apr 20	0.54	0.154	0.034	1999
2000	0.074	0.060	0.072	0.184	0.095	0.090	0.124	0.165	0.130	0.105	0.109	0.084	0.108	Apr 02	0.50	0.081	0.057	2000
2001	0.044	0.030	0.035	0.076	0.077	0.153	0.160	0.180	0.132	0.100	0.102	0.071	0.097	Aug 04	0.26	0.113	0.029	2001
2002	0.061	0.039	0.028	0.124	0.243	0.171	0.217	0.176	0.175	0.156	0.190	0.127	0.143	Nov 20	0.61	0.144	0.024	2002
2003	0.102	0.079	0.075	0.140	0.105	0.055	0.163	0.134	0.130	0.139	0.111	0.071	0.109	Apr 28	0.57	0.047	0.047	2003
2004	0.049	0.045	0.080	0.133	0.085	0.067	0.097	0.116	0.153	0.174	0.334	0.225	0.130	Nov 05	0.93	0.054	0.040	2004
2005	0.123	0.115	0.133	0.146	0.099	0.098	0.143	0.129	0.098	0.086	0.076	0.057	0.109	Jul 20	0.22	0.082	0.049	2005
2006	0.059	0.057	0.055	0.075	0.083	0.075	0.083	0.113	0.090	0.063	0.047	0.049	0.071	May 25	0.26	0.046	0.039	2006
2007	0.068	0.078	0.105	0.230	0.179	0.186	0.312	0.246	0.193	0.184	0.187	0.110	0.174	Jul 07	1.28	0.133	0.055	2007
2008	0.077	0.074	0.073	0.118	0.218	0.122	0.162	0.174	0.135	0.114	0.161	0.146	0.131	May 17	0.33	0.092	0.065	2008
2009	0.095	0.082	0.066	0.176	0.282	0.158	0.209	0.151	0.111	0.088	0.074	0.059	0.130	Apr 22	0.45	0.103	0.056	2009
2010	0.046	0.036	0.046	0.058	0.077	0.061	0.083	0.097	0.084	0.079	0.064	0.041	0.065	May 21	0.14	0.055	0.034	2010
2011	0.034	0.024	0.033	0.114	0.256	0.183	0.249	0.246	0.201	0.152	0.134	0.081	0.143	May 23	0.86	0.142	0.021	2011
Avg.	0.074	0.065	0.080	0.159	0.154	0.122	0.176	0.162	0.132	0.129	0.130	0.094	0.124	0.124		0.59	0.09	0.04	m^3/s
S. D.	0.040	0.034	0.040	0.075	0.066	0.053	0.084	0.046	0.034	0.048	0.069	0.058	0.030			0.43	0.03	0.01	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.075	0.067	0.082	0.161	0.150	0.120	0.173	0.159	0.129	0.129	0.130	0.094	0.123	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	8	11	21	20	16	23	22	17	17	17	13	197	mm	10-Year	1.1	0.047	0.022	m^3/s









STATION CREEK ABOVE DIVERSIONS 08EE028

Station Longitude Latitude: -127.571800 55.229625

Monthly and Annual Discharge in m^3/s | Drainage Area = 9.79 km^2 | Median Elevation = 1495 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981						0.748	0.904	0.438	0.450	0.121	0.078	0.042		Jun 30	2.53			1981
1982	0.035	0.023	0.023	0.033	0.217	0.935	0.798	0.372	0.233	0.313	0.136	0.059	0.266	Jun 15	3.07	0.094	0.013	1982
1983	0.048	0.044	0.049	0.082	0.316	0.704	0.760	0.323	0.501	0.187	0.170	0.081	0.273	Sep 21	2.61	0.239	0.037	1983
1984	0.050	0.035	0.033	0.061	0.433	0.809	0.749	0.566	0.276	0.256	0.101	0.054	0.286	Sep 29	3.58	0.095	0.030	1984
1985	0.051	0.032	0.035	0.082	0.409	0.710	0.640	0.423	0.264	0.171	0.126	0.100	0.255	Jun 14	1.61	0.171	0.029	1985
1986	0.051	0.023	0.023	0.054	0.543	0.983	0.801	0.408	0.190	0.095	0.063	0.048	0.275	Jul 01	2.51	0.144	0.021	1986
1987	0.032	0.026	0.019	0.082	0.554	0.903	0.690	0.499	0.300	0.866	0.162	0.094	0.355	Oct 15	8.23	0.249	0.018	1987
1988	0.054	0.056	0.081	0.141	0.433	1.180	0.719	0.333	0.581	0.319	0.106	0.060	0.338	Jun 13	2.25	0.190	0.039	1988
1989	0.036	0.033	0.031	0.064	0.838	0.818	0.550	0.565	0.229	0.178	0.147	0.062	0.298	Jul 29	3.81	0.135	0.028	1989
1990	0.046	0.035	0.041	0.103	0.388	0.748	0.651	0.339	0.353	0.144	0.081	0.055	0.250	Jul 02	2.41	0.158	0.030	1990
1991	0.040	0.034	0.034	0.050	0.388	0.612	0.506	0.318	0.148	0.094	0.059	0.039	0.195	Jun 11	1.68	0.099	0.031	1991
1992	0.055	0.046	0.038															1992
1993																		1993
1994																		1994
1995																		1995
1996																		1996
1997																		1997
1998																		1998
1999																		1999
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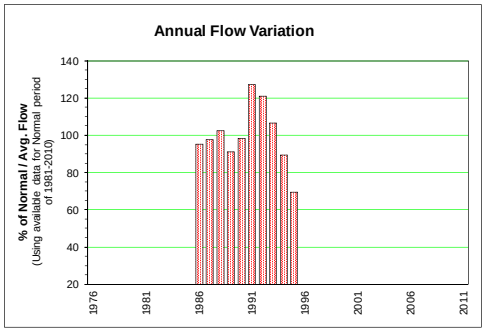
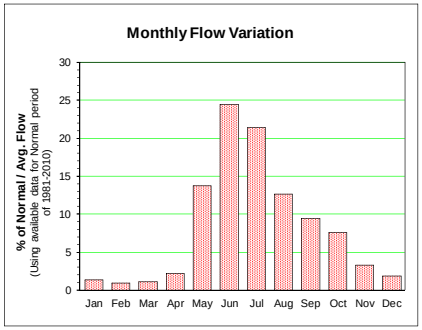
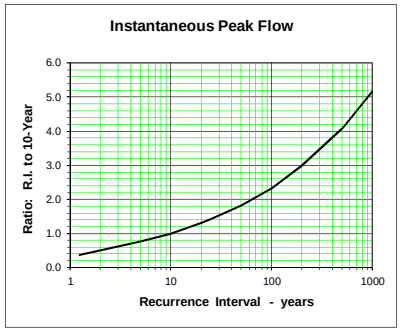
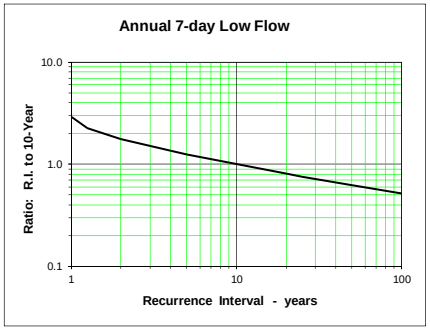
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	0.045	0.035	0.037	0.075	0.452	0.832	0.706	0.417	0.320	0.249	0.112	0.063	0.279	0.279		3.12	0.16	0.03	m^3/s
S. D.	0.008	0.010	0.017	0.031	0.167	0.159	0.116	0.092	0.137	0.219	0.039	0.020	0.045			1.83	0.06	0.01	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.045	0.035	0.037	0.075	0.452	0.832	0.706	0.417	0.320	0.249	0.112	0.063	0.279	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	12	9	10	20	124	220	193	114	85	68	30	17	899	mm	10-Year	5.1	0.094	0.015	m^3/s







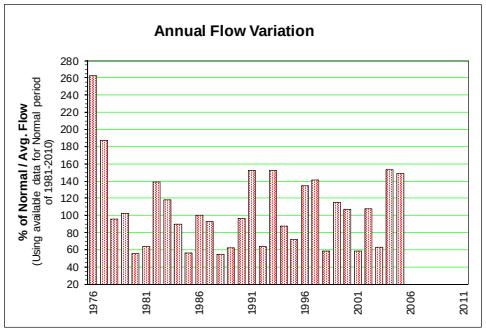


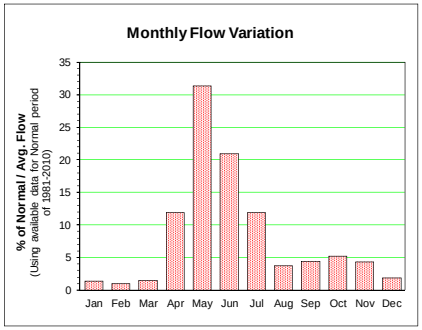
VAN TINE CREEK NEAR THE MOUTH 08JA014

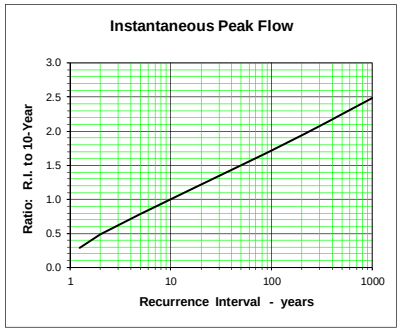
Station Longitude Latitude: -125.412415 53.256981

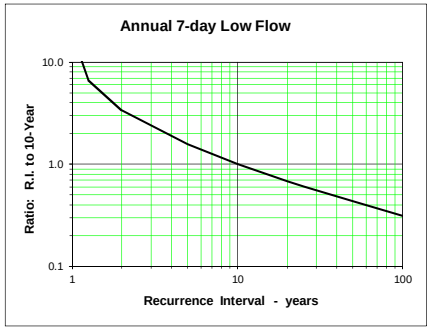
Monthly and Annual Discharge in m^3/s | Drainage Area = 145.21 km^2 | Median Elevation = 1252 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Date	Annual	Jun-Sep	Annual	Year
1976	0.637	0.426	0.275	0.992	10.400	6.470	1.980	2.030	1.000	0.848	1.050	0.609	2.23		May 10	25.90	0.614	0.227	1976
1977	0.414	0.454	0.400	4.930	4.230	1.620	3.610	0.784	1.000	0.806	0.432	0.400	1.59		Apr 26	29.70	0.359	0.307	1977
1978	0.345	0.109	0.095	1.510	4.630	1.760	0.420	0.241	0.217	0.235	0.131	0.069	0.82		Apr 25	12.00	0.131	0.056	1978
1979	0.049	0.044	0.079	0.562	5.660	2.930	0.850	0.113	0.040	0.043	0.035	0.035	0.88		May 04	18.00	0.031	0.031	1979
1980	0.031	0.027	0.047	0.521	1.320	1.040	0.507	0.414	0.967	0.351	0.306	0.153	0.47		Sep 07	2.30	0.151	0.027	1980
1981	0.130	0.068	0.058	0.208	2.750	2.130	0.451	0.124	0.090	0.143	0.268	0.076	0.54		May 26	8.08	0.060	0.039	1981
1982	0.042	0.063	0.055	0.094	4.390	2.330	2.680	0.501	1.630	1.380	0.696	0.274	1.19		Jul 22	13.80	0.189	0.025	1982
1983	0.139	0.084	0.084	0.843	1.950	1.940	4.090	0.781	0.720	0.580	0.637	0.141	1.01		Jul 14	22.50	0.293	0.076	1983
1984	0.146	0.139	0.309	1.630	2.750	2.230	0.905	0.182	0.303	0.351	0.164	0.123	0.77		Apr 16	9.88	0.150	0.104	1984
1985	0.091	0.081	0.091	0.652	3.120	0.791	0.140	0.077	0.123	0.402	0.129	0.077	0.49		May 18	7.76	0.059	0.059	1985
1986	0.087	0.070	0.083	0.410	4.220	3.100	1.000	0.214	0.226	0.376	0.275	0.149	0.86		May 31	10.20	0.110	0.064	1986
1987	0.530	0.443	0.421	2.380	4.380	0.629	0.242	0.124	0.059	0.082	0.120	0.044	0.79		May 01	11.80	0.042	0.012	1987
1988	0.007	0.007	0.028	0.524	1.400	2.530	0.365	0.135	0.178	0.211	0.179	0.091	0.47		Jun 09	11.50	0.079	0.005	1988
1989	0.059	0.032	0.034	0.878	2.530	0.507	0.499	0.640	0.231	0.188	0.391	0.355	0.53		May 01	5.04	0.179	0.031	1989
1990	0.213	0.090	0.115	1.270	3.010	3.010	1.380	0.166	0.056	0.158	0.251	0.179	0.83		Jun 13	10.10	0.043	0.043	1990
1991	0.078	0.135	0.092	2.790	4.780	5.470	1.310	0.117	0.066	0.212	0.341	0.210	1.30		Jun 08	14.40	0.054	0.054	1991
1992	0.177	0.123	0.576	2.130	1.570	0.655	0.258	0.033	0.214	0.305	0.416	0.133	0.55		Apr 03	5.84	0.020	0.020	1992
1993	0.080	0.091	0.124	1.010	5.110	4.740	2.040	1.230	0.323	0.172	0.375	0.194	1.30		Jun 28	28.80	0.162	0.062	1993
1994	0.152	0.119	0.139	2.950	1.820	0.588	1.850	0.188	0.167	0.489	0.299	0.183	0.75		Jul 03	14.40	0.114	0.110	1994
1995	0.073	0.081	0.108	1.030	3.000	0.847	0.532	0.605	0.252	0.395	0.207	0.211	0.62		May 14	6.19	0.157	0.064	1995
1996	0.365	0.212	0.217	3.220	3.240	2.910	0.913	0.319	1.210	0.437	0.526	0.258	1.15		Apr 17	7.81	0.208	0.175	1996
1997	0.198	0.249	0.250	2.110	6.560	2.830	0.716	0.199	0.172	0.543	0.368	0.182	1.20		May 15	12.40	0.092	0.092	1997
1998	0.109	0.103	0.143	0.197	2.090	0.826	1.150	0.123	0.074	0.607	0.360	0.168	0.50		Jul 02	5.14	0.060	0.060	1998
1999	0.127	0.106	0.132	1.030	3.940	3.940	1.300	0.288	0.340	0.241	0.181	0.156	0.98		Jun 09	10.30	0.177	0.098	1999
2000	0.091	0.065	0.057	0.655	1.870	2.950	2.080	0.441	0.692	1.090	0.729	0.214	0.91		Jul 05	9.86	0.231	0.056	2000
2001	0.094	0.061	0.054	0.341	2.720	1.710	0.383	0.213	0.082	0.117	0.126	0.103	0.50		Jun 01	4.08	0.063	0.051	2001
2002	0.117	0.092	0.069	0.515	5.370	3.030	0.699	0.161	0.366	0.312	0.136	0.120	0.92		May 22	12.10	0.077	0.058	2002
2003	0.045	0.035	0.042	0.408	1.390	0.885	0.933	0.282	0.594	0.868	0.693	0.288	0.54		May 25	3.42	0.140	0.020	2003
2004	0.158	0.123	0.147	1.270	2.060	1.740	2.570	0.915	2.120	1.430	2.590	0.548	1.31		Nov 09	8.30	0.401	0.108	2004
2005	0.309	0.253	0.417	2.680	2.610	1.890	1.350	1.420	1.170	1.950	0.778	0.351	1.27		Apr 27	9.01	0.526	0.205	2005
2006	0.174	0.103	0.086	1.020															2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	0.170	0.132	0.156	1.315	3.496	2.268	1.240	0.435	0.489	0.511	0.440	0.203	0.909	0.906		11.69	0.166	0.078	m^3/s
S. D.	0.149	0.117	0.138	1.107	1.920	1.472	0.992	0.458	0.523	0.451	0.471	0.137	0.401			7.04	0.144	0.069	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.146	0.116	0.151	1.240	3.145	2.168	1.193	0.379	0.458	0.522	0.449	0.193	0.851	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	3	2	3	22	58	39	22	7	8	10	8	4	185	mm	10-Year	20.7	0.042	0.017	m^3/s









MACIVOR CREEK NEAR THE MOUTH 08JA016

Station Longitude Latitude: -126.360000 53.800560

Monthly and Annual Discharge in m^3/s | Drainage Area = 55.68 km^2 | Median Elevation = 1533 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976										0.867	0.666	0.249						1976
1977	0.193	0.171	0.152	0.506	1.380	3.410	1.910	0.799	1.020	0.950	0.456	0.186	0.929	Jun 18	7.45	0.476	0.146	1977
1978	0.130	0.090	0.070	0.266	2.220	4.810	1.710	1.130	0.706	0.671	0.580	0.112	1.043	Jun 04	11.20	0.516	0.059	1978
1979	0.077	0.068	0.111	0.231	3.520	6.140	4.390	1.050	0.398	0.266	0.111	0.393	1.404	Jun 02	10.80	0.237	0.063	1979
1980	0.051	0.043	0.046	0.188	1.590	3.790	1.260	0.624	0.780	0.945	1.230	2.030	1.049	May 31	12.20	0.541	0.038	1980
1981	0.546	0.131	0.131															1981
1982	0.082	0.066	0.065	0.069					0.581	0.442	0.223	0.148				0.334	0.055	1982
1983	0.094	0.065	0.061	0.208	2.310	2.590	1.440	0.511	0.499	0.344	0.200	0.093	0.705	May 30	7.38	0.280	0.051	1983
1984	0.148	0.101	0.100	0.205	1.140	3.300	2.510	1.240	1.080	0.769	0.172	0.140	0.910	Jun 14	6.98	0.585	0.076	1984
1985	0.116	0.088	0.070	0.491	3.340	3.830	2.480	0.665	0.503	0.525	0.111	0.053	1.028	May 26	8.00	0.286	0.048	1985
1986	0.059	0.055	0.083	0.084	0.826	3.760	2.100	0.635	0.327	0.365	0.274	0.145	0.727	Jun 15	9.44	0.260	0.050	1986
1987								1.100	0.467	0.390	0.383	0.177				0.378		1987
1988	0.083	0.073	0.107	0.454	1.740	3.610	2.380	1.850	1.260	0.740	0.420	0.199	1.078	Jun 06	7.00	1.080	0.071	1988
1989	0.074	0.059	0.060	0.217	2.820	3.080	1.400	0.918	0.341	0.371	0.472	0.305	0.848	Jun 02	6.87	0.310	0.057	1989
1990	0.216	0.094	0.089	0.343	2.490	3.450	1.640	0.586	0.183	0.239	0.141	0.116	0.802	Jun 03	5.91	0.150	0.081	1990
1991	0.087	0.085	0.075	0.254	2.240	3.790	1.930	0.780	0.267	0.497	0.315	0.205	0.881	Jun 10	6.68	0.240	0.070	1991
1992	0.139	0.123	0.210	1.160	2.330	3.580	0.928	0.262	0.557	0.780	0.389	0.173	0.884	Jun 13	9.56	0.166	0.109	1992
1993	0.153	0.136	0.074	0.179	3.850	2.580	1.210	1.060	0.420	0.355	0.458	0.201	0.896	Jun 28	9.82	0.345	0.065	1993
1994	0.145	0.120	0.133	0.733	2.270	2.550	1.900	0.499	0.367	0.526	0.215	0.127	0.802	Jul 02	9.40	0.226	0.109	1994
1995	0.087	0.073	0.072	0.201	3.530	2.990	1.390	0.571	0.248	0.221	0.137	0.137	0.810	May 16	7.22	0.181	0.064	1995
1996																		1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
2001																		2001
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2004																		2004
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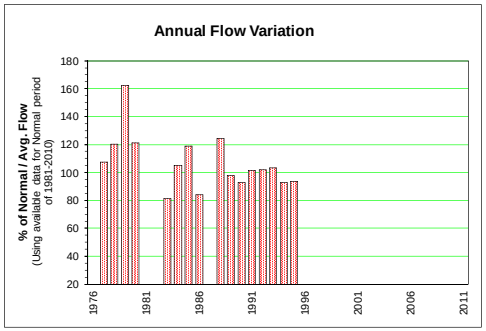
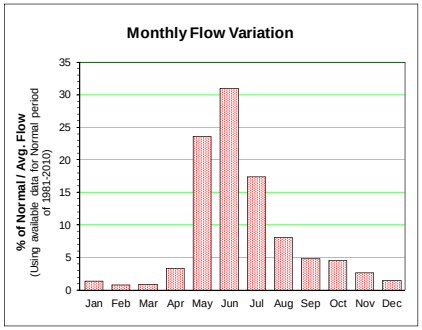
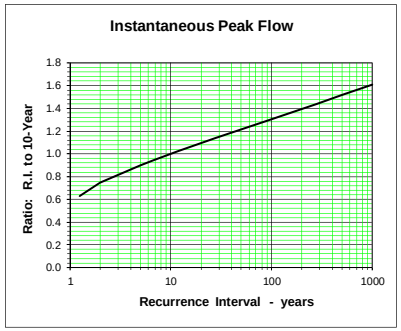
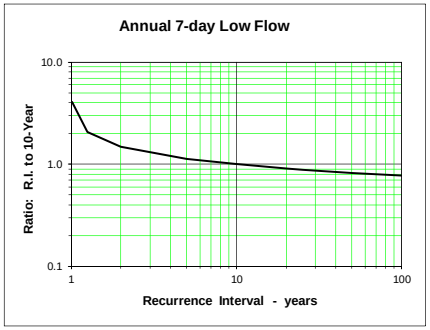
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	0.138	0.091	0.095	0.341	2.350	3.579	1.911	0.840	0.556	0.540	0.366	0.273	0.925	0.925		8.49	0.366	0.071	m^3/s
S. D.	0.112	0.034	0.041	0.271	0.892	0.895	0.810	0.375	0.304	0.240	0.265	0.432	0.170			1.87	0.220	0.027	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.145	0.091	0.095	0.354	2.407	3.259	1.776	0.821	0.507	0.469	0.279	0.159	0.864	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7	4	5	16	116	152	85	40	24	23	13	8	490	mm	10-Year	11.0	0.169	0.044	m^3/s







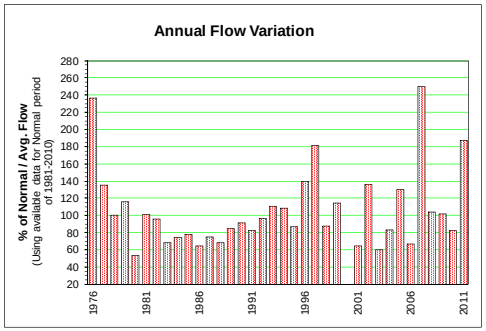


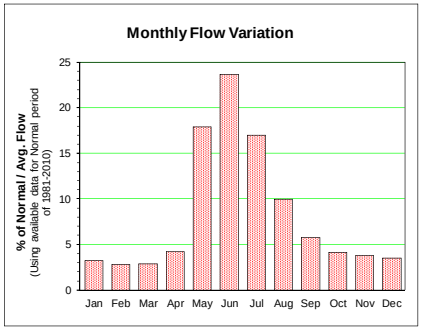
STELLAKO RIVER AT GLENANNAN 08JB002

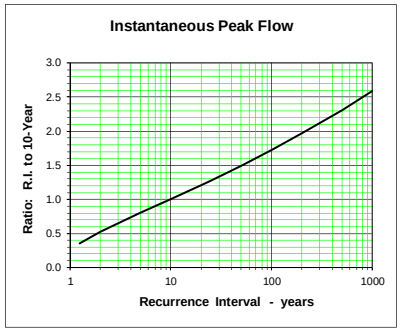
Station Longitude Latitude: -125.006699 54.009064

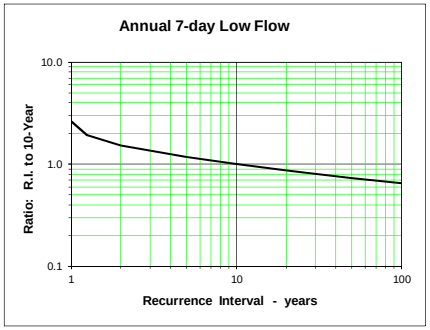
Monthly and Annual Discharge in m^3/s | Drainage Area = 4000.91 km^2 | Median Elevation = 941 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	12.00	11.60	10.20	12.90	86.40	150.00	98.20	51.10	32.10	22.60	17.30	16.80	43.50	Jun 18	169.81	28.54	9.17	1976
1977	15.60	14.70	12.40	21.00	75.80	57.30	37.40	23.60	13.60	10.20	9.03	7.48	24.92	May 13	92.60	12.00	7.05	1977
1978	6.78	5.98	5.68	6.70	34.70	53.10	39.50	23.30	14.30	10.10	10.50	9.70	18.43	May 31	62.44	11.19	5.35	1978
1979	7.69	7.43	7.32	7.74	57.30	68.40	43.40	24.50	12.90	8.30	5.82	4.57	21.37	May 29	86.70	10.87	4.48	1979
1980	3.85	3.23	3.13	3.58	13.20	22.20	20.70	14.50	10.70	7.76	7.22	8.35	9.89	Jul 06	26.60	9.80	2.71	1980
1981	12.90	10.60	8.68	8.65	32.50	56.00	37.00	21.50	12.30	8.21	7.55	6.69	18.59	Jun 05	69.90	9.57	5.88	1981
1982	5.58	5.70	5.89	5.08	19.40	61.30	43.20	25.50	16.40	10.80	7.18	5.33	17.66	Jun 13	70.40	14.44	4.71	1982
1983	4.67	4.25	3.76	3.63	15.70	26.70	30.30	24.60	15.30	9.37	6.57	4.90	12.54	Jul 26	33.00	12.97	3.23	1983
1984	5.35	4.85	4.91	7.45	23.00	33.80	27.50	19.10	13.30	9.54	7.88	6.96	13.66	Jun 15	36.10	10.96	4.51	1984
1985	6.09	5.09	5.49	6.53	24.50	48.80	32.40	18.80	10.80	6.47	4.34	3.08	14.41	Jun 07	56.80	8.73	2.64	1985
1986	3.04	3.41	3.48	3.99	9.03	35.10	35.00	20.20	11.30	7.67	5.67	4.49	11.91	Jun 25	45.90	9.79	2.48	1986
1987	4.16	4.54	4.06	5.13	28.50	42.50	28.30	17.70	10.90	6.49	6.30	6.05	13.77	Jun 05	54.60	9.17	3.37	1987
1988	5.06	4.97	4.44	4.96	16.00	33.60	27.30	17.90	11.80	9.51	8.44	7.56	12.65	Jun 18	41.60	9.50	4.11	1988
1989	7.20	6.44	6.35	7.15	37.30	40.70	28.50	18.50	11.60	7.87	6.67	7.67	15.56	May 25	50.10	9.59	6.10	1989
1990	8.60	7.85	7.22	10.50	32.70	45.20	37.40	22.10	11.80	7.58	5.90	5.24	16.90	Jun 11	53.60	9.27	5.04	1990
1991	4.86	4.97	5.11	6.87	35.40	43.40	32.10	17.90	10.50	7.34	6.46	6.40	15.17	May 31	48.40	8.82	4.73	1991
1992	6.06	6.33	7.87	24.00	47.30	45.30	29.40	15.20	8.39	7.57	8.92	7.38	17.83	May 31	52.60	7.26	5.83	1992
1993	6.51	5.89	4.99	7.66	32.40	49.90	51.40	36.30	20.60	11.30	8.65	7.39	20.35	Jul 05	66.45	16.10	4.69	1993
1994	7.18	7.13	6.96	20.20	60.70	52.10	34.20	18.80	10.90	7.93	6.38	5.69	19.92	May 25	68.60	9.28	5.44	1994
1995	5.06	4.55	4.47	8.01	48.30	50.00	29.30	16.60	10.00	6.40	4.51	4.26	16.02	May 23	66.80	8.00	4.13	1995
1996	4.67	5.64	5.89	17.30	67.60	78.80	49.50	27.20	18.40	11.90	11.50	10.20	25.76	Jun 08	93.50	15.97	3.89	1996
1997	10.30	10.10	9.35	16.90	114.00	111.00	51.90	24.10	14.30	12.10	13.70	11.80	33.42	Jun 01	153.00	12.93	9.25	1997
1998	9.78	8.73	7.56	8.35	40.20	43.00	29.10	16.30	10.00	7.23	6.74	5.63	16.10	May 31	55.70	8.34	5.32	1998
1999	5.88	5.76	5.49	7.25	34.80	60.80	54.60	31.90	18.70	10.90	8.64	7.04	21.07	Jul 07	67.90	14.93	5.37	1999
2000						27.50	24.10	15.50	9.73	7.05	8.50	7.31		Jun 18	31.30	8.44	6.55	2000
2001	6.80	5.85	5.21	5.03	10.90	30.50	29.10	18.10	10.70	7.76	6.79	6.45	11.97	Jul 04	33.90	9.37	4.79	2001
2002	6.01	6.11	6.26	7.17	42.70	102.00	59.20	28.20	15.90	10.80	7.60	7.05	24.98	Jun 06	115.00	14.51	5.81	2002
2003	5.77	5.44	5.05	5.63	16.30	26.50	22.80	14.30	9.24	7.41	8.04	6.83	11.14	Jun 17	28.90	8.08	4.83	2003
2004	6.06	5.35	4.81	6.70	27.50	29.60	25.70	17.00	12.90	13.20	16.60	18.30	15.35	May 25	33.60	11.74	4.40	2004
2005	15.70	16.60	16.80	27.40	62.90	50.10	32.80	20.20	12.70	10.10	11.50	10.40	23.98	May 19	68.70	10.41	9.36	2005
2006	9.57	8.50	7.15	7.22	16.30	33.50	23.20	15.70	8.57	6.05	6.31	6.29	12.38	Jun 16	38.10	7.41	5.31	2006
2007	6.43	6.55	6.72	15.60	118.00	165.00	97.80	50.90	26.80	16.40	20.60	18.60	45.98	Jun 10	191.00	20.31	6.11	2007
2008	14.90	11.90	9.62	8.98	38.90	57.90	33.50	19.40	13.50	8.45	6.47	6.39	19.17	Jun 02	71.70	10.83	5.80	2008
2009	5.76	5.61	5.35	6.77	44.50	61.90	41.40	21.30	11.70	7.02	7.19	6.03	18.78	May 29	72.70	9.90	5.03	2009
2010	5.43	5.50	5.12	6.30	26.00	45.70	28.50	15.80	9.93	10.50	12.80	10.50	15.21	Jun 12	54.70	8.55	4.84	2010
2011	8.72	7.47	7.02	6.88	57.30	140.00	78.90	43.70	21.20	17.50	12.40	10.80	34.43	Jun 06	168.00	17.91	6.53	2011
Avg.	7.43	6.99	6.57	9.58	41.37	57.76	39.57	22.98	13.72	9.65	8.80	7.93	19.57	21.07	70.30	11.54	5.25	m^3/s
S. D.	3.29	3.01	2.68	6.01	26.51	34.56	18.66	9.28	5.03	3.43	3.66	3.63	8.48		41.22	4.24	1.64	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.08	6.70	6.35	9.53	38.74	52.94	36.88	21.55	12.97	9.03	8.48	7.60	18.35	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5	4	4	6	26	34	25	14	8	6	5	5	145	mm	10-Year	125.9	8.291	3.525	m^3/s







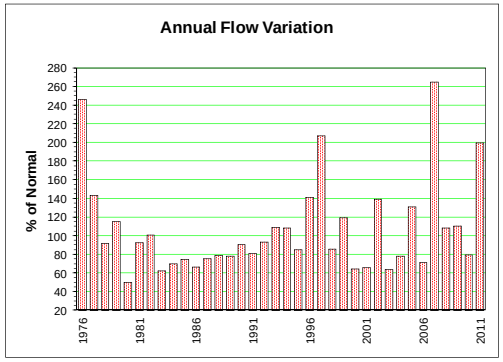


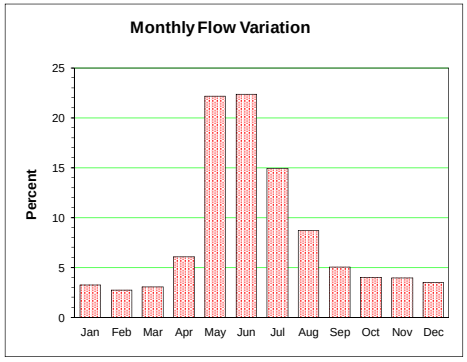
NAUTLEY RIVER NEAR FORT FRASER 08JB003

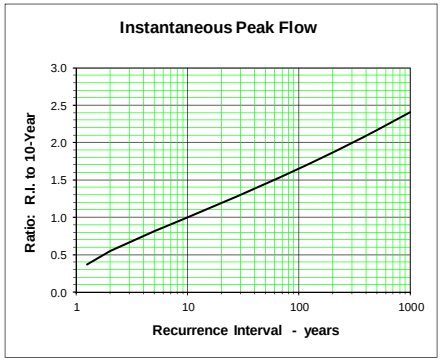
Station Longitude Latitude: -124.600838 54.085521

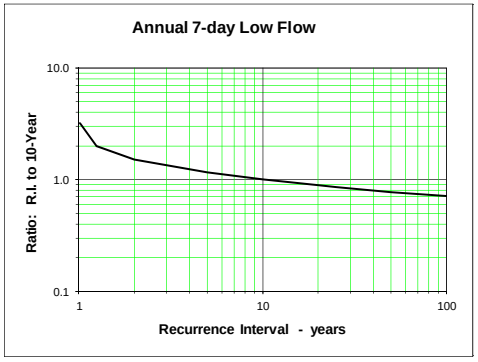
Monthly and Annual Discharge in m^3/s | Drainage Area = 6574.03 km^2 | Median Elevation = 927 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	16.40	16.60	14.90	32.20	186.00	197.00	135.00	92.50	48.30	30.80	23.60	23.10	68.2		May 27	248.10	37.54	13.99	1976
1977	23.70	21.10	18.00	44.40	147.00	81.60	48.00	29.70	18.20	16.90	14.70	11.50	39.7		May 11	180.00	15.86	11.24	1977
1978	10.90	10.10	8.99	14.50	59.90	69.70	48.20	25.50	17.80	13.30	12.80	13.40	25.5		May 30	80.40	14.73	8.50	1978
1979	12.50	12.50	11.70	13.90	107.00	104.00	57.60	28.60	14.50	9.81	6.01	4.27	32.0		May 29	137.00	11.91	3.37	1979
1980	5.01	4.75	5.61	8.71	27.20	28.40	23.00	14.30	13.00	11.60	12.10	13.60	14.0		Jun 01	35.20	11.94	4.50	1980
1981	15.70	13.70	11.80	15.20	56.70	80.00	48.80	24.60	14.00	9.81	9.56	7.30	25.7		Jun 06	107.00	10.94	6.28	1981
1982	8.82	8.55	8.95	9.33	57.10	99.60	57.70	32.00	19.10	13.40	10.90	9.32	28.0		Jun 08	124.05	16.36	6.21	1982
1983	7.24	6.61	6.12	9.58	31.50	31.20	37.40	30.20	17.30	11.80	9.18	7.81	17.3		Jul 26	42.50	14.74	5.97	1983
1984	6.89	8.15	8.17	15.80	42.90	52.30	33.60	19.40	14.60	12.50	9.23	8.28	19.3		Jun 01	65.20	13.06	6.50	1984
1985	8.49	7.46	8.59	12.50	45.30	72.30	40.00	20.90	12.80	9.52	7.00	3.78	20.8		Jun 05	88.70	11.20	3.58	1985
1986	4.28	4.74	5.90	10.50	25.70	56.30	48.10	24.10	13.60	11.30	9.31	7.49	18.5		Jul 02	73.40	12.16	3.58	1986
1987	7.60	7.35	7.51	18.00	62.80	56.50	34.00	19.90	12.50	7.87	7.97	8.29	20.9		May 18	76.80	10.50	6.31	1987
1988	9.99	10.00	9.81	12.90	43.10	60.20	40.70	23.50	15.30	12.60	12.60	11.30	21.9		Jun 19	73.60	13.30	8.27	1988
1989	10.00	8.51	9.14	14.20	65.10	52.50	32.40	21.60	14.40	10.50	9.03	10.80	21.6		May 19	83.70	12.41	7.98	1989
1990	13.00	12.20	11.50	24.60	61.00	65.50	47.50	25.30	14.20	10.50	8.02	6.33	25.0		May 06	82.90	11.80	5.47	1990
1991	7.22	8.72	8.34	15.10	70.70	56.70	39.60	20.40	12.20	8.90	9.06	10.20	22.4		May 21	84.00	10.23	5.66	1991
1992	9.72	9.79	14.00	51.50	79.10	56.30	34.50	17.20	9.85	9.13	11.40	8.67	25.9		May 01	94.20	9.06	8.06	1992
1993	8.36	8.40	8.35	15.00	55.40	62.40	67.20	52.90	32.90	19.50	16.70	13.00	30.2		Jul 05	80.80	25.01	7.09	1993
1994	12.40	11.70	13.30	45.60	101.00	67.70	41.60	23.00	14.20	10.90	9.27	8.24	30.0		May 14	117.00	12.33	6.94	1994
1995	7.24	7.01	7.64	20.30	81.20	67.90	37.20	21.70	12.90	8.46	5.67	5.05	23.6		May 24	104.00	10.36	4.74	1995
1996	5.06	6.15	9.22	40.10	118.00	113.00	63.70	35.60	22.90	17.40	19.70	17.50	39.1		Jun 09	140.00	20.76	4.75	1996
1997	16.90	16.10	15.30	35.40	223.00	190.00	79.60	32.70	18.80	17.90	22.50	18.00	57.4		May 27	274.00	17.24	14.16	1997
1998	14.40	12.40	11.10	16.80	68.10	56.40	39.40	22.00	12.90	11.50	10.50	8.25	23.7		May 18	81.20	11.26	6.28	1998
1999	10.70	10.10	9.09	17.40	71.60	86.10	77.80	43.20	27.30	18.10	14.10	9.69	33.1		Jun 04	93.10	23.23	8.39	1999
2000	7.54	7.27	7.16	13.10	34.30	40.90	32.20	20.20	13.50	10.30	15.80	12.30	17.9		Jun 16	47.10	11.89	6.59	2000
2001	9.26	7.58	7.17	8.80	29.70	50.00	37.50	23.40	14.40	11.10	9.89	8.73	18.2		Jun 14	59.80	12.77	6.91	2001
2002	8.01	8.00	8.49	14.90	90.30	156.00	78.80	35.40	21.90	16.90	11.80	10.30	38.5		Jun 03	189.00	20.49	7.77	2002
2003	8.28	8.28	7.61	12.90	35.50	38.10	29.50	19.60	13.20	11.70	15.60	12.50	17.8		Jun 14	43.70	11.09	6.02	2003
2004	9.34	7.64	7.57	18.10	45.40	37.60	28.80	20.80	16.70	18.90	22.40	25.50	21.6		May 19	52.20	15.79	6.98	2004
2005	23.50	22.10	23.60	41.50	102.00	72.30	44.10	27.30	20.40	18.90	21.00	18.20	36.3		May 16	122.00	17.59	15.00	2005
2006	16.70	13.50	11.10	18.30	38.40	49.70	30.00	19.70	10.90	9.04	8.81	10.70	19.8		Jun 17	66.50	9.71	4.93	2006
2007	11.20	11.20	11.00	34.60	197.00	208.00	150.00	101.00	41.90	31.20	44.40	34.70	73.4		May 31	255.52	33.26	10.43	2007
2008	23.50	16.40	15.60	16.80	87.10	82.10	41.90	25.80	17.30	12.90	11.50	9.78	30.1		May 29	138.00	13.96	6.86	2008
2009	9.94	11.00	10.20	18.60	99.70	87.60	53.40	28.40	16.00	10.50	10.60	9.13	30.6		May 30	132.00	14.30	8.76	2009
2010	8.12	7.52	7.90	16.50	50.30	60.60	36.30	20.00	13.60	14.30	15.90	13.10	22.1		Jun 13	71.20	12.06	6.76	2010
2011	10.10	7.85	11.00	13.00	121.00	215.00	118.00	71.80	34.50	21.40	20.60	16.80	55.3		Jun 03	304.00	28.76	7.03	2011
Avg.	11.06	10.31	10.32	20.57	78.3	82.3	52.59	30.95	18.27	13.92	13.59	11.86	29.59	31.50		112	15.54	7.27	m^3/s
S. D.	4.97	4.10	3.71	11.72	48.04	49.63	28.96	19.42	8.60	5.54	7.19	6.18	14.04			67.24	6.63	2.77	m^3/s
Normal	10.65	9.94	10.04	20.46	72.30	75.53	48.78	28.39	17.05	13.24	13.31	11.47	27.69	m^3/s					
Normal	4	4	4	8	29	30	20	12	7	5	5	5	133	mm	10-Year	194.49	10.13	4.80	m^3/s







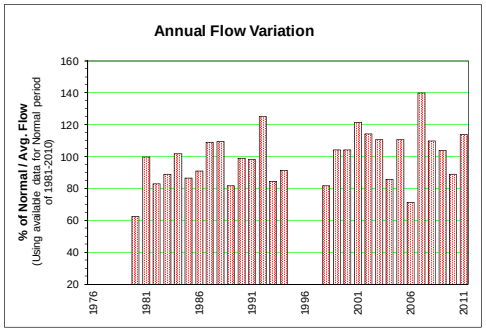


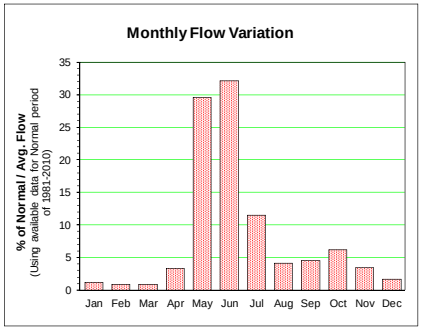
DRIFTWOOD RIVER ABOVE KASTBERG CREEK 08JD006

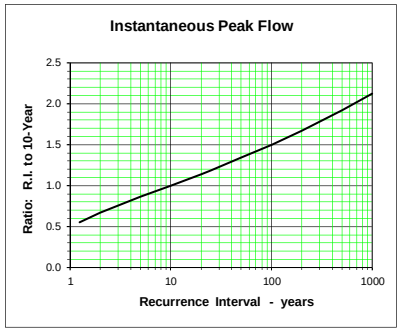
Station Longitude Latitude: -126.642532 55.969078

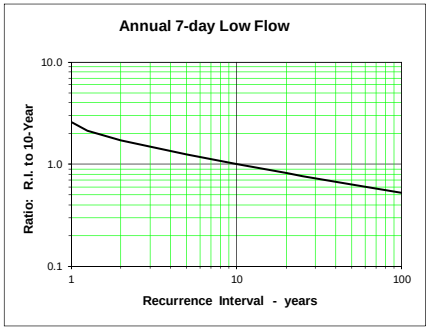
Monthly and Annual Discharge in m^3/s | Drainage Area = 400.45 km^2 | Median Elevation = 1115 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979											1.83	4.95						1979
1980	0.62	0.45	0.47	1.80	13.60	14.90	4.36	2.44	5.36	6.33	8.57	4.52	5.29	May 17	138.93	2.01	0.426	1980
1981	2.91	1.82	1.53	2.23	37.80	29.40	10.60	2.87	1.72	4.33	3.89	1.44	8.42	May 26	86.50	1.52	1.033	1981
1982	0.50	0.25	0.43	0.53	15.60	37.30	11.90	2.91	3.38	6.10	3.12	1.74	6.99	Jun 03	61.90	1.79	0.239	1982
1983	1.17	0.95	0.86	2.21	28.70	22.60	14.70	5.35	5.11	3.92	3.03	1.19	7.53	Jun 02	65.50	3.44	0.830	1983
1984	0.92	0.77	0.78	2.31	22.10	35.30	16.80	6.34	4.51	10.90	1.40	0.83	8.60	Jun 13	56.70	3.30	0.706	1984
1985	0.77	0.76	0.61	1.03	26.20	33.60	13.80	3.19	3.54	2.28	1.04	0.75	7.32	Jun 04	71.10	2.05	0.545	1985
1986	0.70	0.53	0.58	0.94	19.10	36.70	14.00	2.65	2.85	8.27	3.89	1.69	7.68	Jun 07	64.20	1.18	0.449	1986
1987	1.28	1.04	0.90	2.23	28.10	37.20	12.00	3.04	8.03	6.28	8.05	2.15	9.21	Jun 21	66.00	2.34	0.831	1987
1988	1.38	0.90	0.82	3.93	36.80	30.70	13.30	5.45	3.83	7.60	3.73	1.87	9.22	May 14	85.30	1.51	0.666	1988
1989	1.31	1.01	0.79	3.60	31.90	22.20	6.70	2.87	1.72	3.90	3.80	2.51	6.90	Jun 03	55.60	1.20	0.730	1989
1990	2.14	1.53	1.41	4.50	34.30	36.40	10.60	2.93	1.52	1.80	1.53	1.31	8.36	Jun 01	90.10	1.29	1.090	1990
1991	0.96	0.90	0.63	4.26	35.20	25.00	7.82	4.39	4.15	10.80	2.92	1.68	8.28	May 20	50.00	2.37	0.579	1991
1992	1.41	1.21	2.13	9.46	28.20	52.70	10.20	2.17	5.06	8.86	3.77	1.77	10.55	Jun 01	97.40	1.20	1.074	1992
1993	1.00	1.32	1.03	6.21	40.50	18.20	6.32	3.83	1.55	1.80	2.14	1.33	7.15	May 21	93.20	1.14	0.870	1993
1994	0.85	0.65	0.61	5.17	32.10	23.50	9.10	3.74	5.54	6.06	3.04	1.86	7.73	May 22	50.60	1.96	0.579	1994
1995	1.15	1.14	1.02	3.95				3.64									0.961	1995
1996																		1996
1997								3.64	3.76	7.97	4.54	2.13				2.31		1997
1998	1.16	0.90	1.00	2.92	39.60	13.10	3.97	3.87	3.60	6.82	3.23	1.91	6.90	May 25	65.30	1.84	0.900	1998
1999	1.26	1.03	1.00	4.38	22.00	39.00	13.40	4.29	3.75	7.56	4.95	2.75	8.80	Jun 16	71.60	2.73	0.907	1999
2000	1.53	0.99	0.89	2.76	21.50	37.70	13.30	6.50	6.91	6.70	4.60	2.09	8.79	Jun 06	75.30	3.89	0.848	2000
2001	1.44	1.10	0.92	2.20	18.50	47.50	19.90	8.99	9.23	6.16	4.93	2.08	10.26	Jun 10	77.60	4.73	0.884	2001
2002	1.35	1.13	0.75	1.51	23.40	48.40	14.90	4.64	8.60	5.95	3.02	1.85	9.63	Jun 16	78.40	2.79	0.670	2002
2003	2.03	1.33	0.99	4.20	29.30	31.80	14.00	2.98	11.00	9.12	3.59	1.52	9.35	May 25	81.70	1.98	0.750	2003
2004	0.89	0.81	0.78	4.89	31.10	19.50	7.04	3.86	6.27	5.42	3.70	2.52	7.25	May 20	52.20	2.35	0.725	2004
2005	1.36	1.40	1.77	7.17	39.60	29.20	8.20	5.26	4.03	6.55	5.01	2.01	9.34	May 16	63.50	2.66	1.173	2005
2006	1.50	1.09	0.92	2.39	28.00	25.10	6.30	2.11	1.31	1.35	1.07	0.89	6.03	Jun 02	87.90	1.03	0.743	2006
2007	0.70	0.71	0.72	2.79	25.00	61.80	20.20	6.90	6.16	10.80	3.99	1.63	11.80	Jun 06	151.00	3.72	0.577	2007
2008	1.10	0.89	0.70	1.02	40.30	32.90	12.60	6.62	3.19	3.72	5.70	2.30	9.28	May 30	112.00	2.32	0.580	2008
2009	1.17	0.97	0.67	1.39	27.70	43.20	13.20	4.09	6.59	2.56	2.30	1.33	8.78	Jun 06	89.00	3.27	0.591	2009
2010	1.14	0.95	1.00	6.74	31.80	23.40	5.13	2.06	3.55	9.66	3.17	1.28	7.52	May 19	65.80	1.13	0.781	2010
2011	0.99	0.88	0.68	0.78	29.40	40.40	12.00	6.03	8.87	9.26	3.76	2.08	9.62	Jun 03	82.00	3.27	0.616	2011
Avg.	1.22	0.98	0.91	3.32	28.88	32.71	11.25	4.18	4.82	6.29	3.66	1.93	8.36	8.37		78.84	2.28	0.745	m^3/s
S. D.	0.49	0.32	0.37	2.12	7.46	11.40	4.25	1.67	2.50	2.78	1.71	0.89	1.41			23.78	0.95	0.212	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.25	1.00	0.94	3.46	29.42	33.09	11.48	4.18	4.66	6.19	3.54	1.73	8.43	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	6	22	197	214	77	28	30	41	23	12	664	mm	10-Year	109.1	1.214	0.438	m^3/s







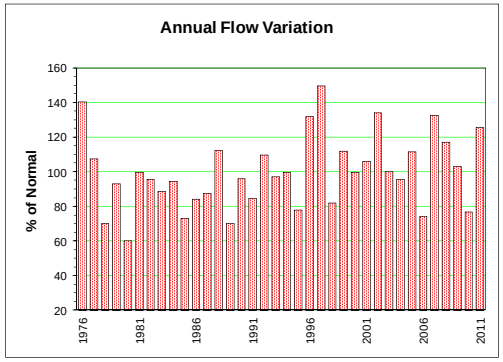


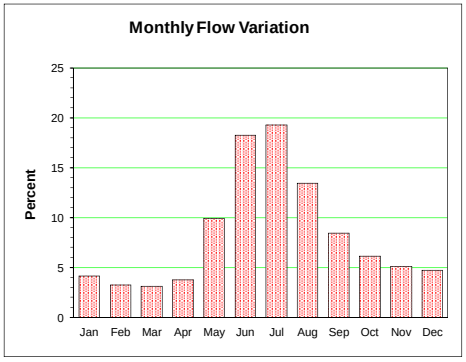
STUART RIVER NEAR FORT ST. JAMES 08JE001

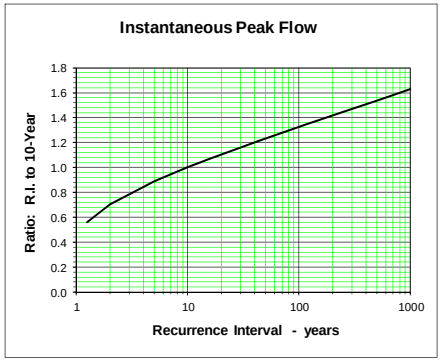
Station Longitude Latitude: -124.271149 54.416630

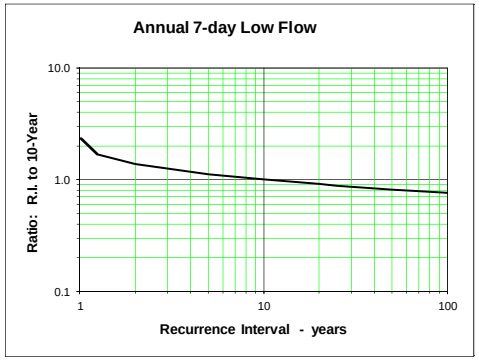
Monthly and Annual Discharge in m^3/s | Drainage Area = 14234.66 km^2 | Median Elevation = 900 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	61.4	51.9	43.9	56.0	210.0	406.0	427.0	326.0	223.0	152.0	114.0	93.7	180.9		Jun 28	462.6	192.86	42.07	1976
1977	72.7	58.4	49.1	65.7	190.0	301.0	288.0	212.0	144.0	110.0	90.9	72.5	138.4		Jun 20	322.8	128.29	47.30	1977
1978	56.1	44.0	35.2	40.3	92.3	175.0	197.0	138.0	95.4	70.0	67.6	67.5	90.2		Jul 01	214.9	79.11	33.96	1978
1979	61.9	52.8	44.0	43.6	136.0	278.0	297.0	201.0	126.0	87.1	63.2	44.4	120.0		Jul 05	330.0	107.57	39.41	1979
1980	39.2	32.7	29.7	30.9	74.1	150.0	156.0	117.0	83.8	66.9	69.6	78.3	77.5		Jul 05	171.7	75.24	28.17	1980
1981	80.4	71.5	58.7	58.3	142.0	325.0	314.0	197.0	118.0	75.8	54.3	42.7	128.5		Jun 26	374.2	96.81	41.84	1981
1982	39.4	37.5	35.9	34.3	98.5	266.0	320.0	233.0	152.0	104.0	80.6	68.2	123.0		Jul 03	345.4	130.71	33.53	1982
1983	56.5	49.0	43.3	47.7	115.0	192.0	233.0	220.0	154.0	108.0	82.3	64.5	114.3		Jul 26	256.0	133.57	40.86	1983
1984	50.8	42.6	39.2	51.8	112.0	238.0	287.0	216.0	146.0	108.0	91.0	74.0	121.7		Jul 07	307.4	125.57	37.94	1984
1985	55.5	46.0	39.7	42.6	78.8	185.0	222.0	166.0	109.0	76.9	57.8	45.5	94.1		Jul 09	237.5	93.74	38.16	1985
1986	37.7	32.2	31.8	41.1	83.1	206.0	286.0	211.0	129.0	91.5	77.5	70.3	108.7		Jul 15	305.3	109.14	30.13	1986
1987	60.5	50.9	46.6	56.8	141.0	254.0	262.0	183.0	103.0	72.4	60.8	57.8	112.8		Jul 01	288.0	86.77	44.53	1987
1988	47.2	44.3	45.6	54.9	166.0	386.0	369.0	238.0	144.0	95.1	75.6	68.5	144.8		Jun 27	441.0	114.14	42.81	1988
1989	55.4	44.4	37.8	41.1	127.0	214.0	195.0	137.0	85.9	52.8	42.6	46.3	90.3		Jun 19	241.0	70.56	34.07	1989
1990	52.7	51.4	49.0	64.3	144.0	291.0	314.0	208.0	127.0	80.6	54.5	42.7	123.7		Jun 22	361.0	104.37	39.16	1990
1991	36.9	36.9	34.5	46.5	150.0	252.0	238.0	164.0	108.0	76.8	77.8	81.2	109.0		Jul 02	281.0	93.06	33.36	1991
1992	78.1	72.4	67.3	112.0	232.0	317.0	295.0	183.0	108.0	78.9	78.8	71.9	141.4		Jul 02	345.0	91.96	64.30	1992
1993	61.1	49.3	40.0	53.2	137.0	275.0	268.0	207.0	154.0	106.0	80.4	63.0	124.9		Jun 19	304.0	133.43	37.97	1993
1994	56.0	50.6	48.5	80.6	193.0	299.0	278.0	189.0	122.0	86.1	71.8	60.3	128.4		Jun 26	324.0	104.56	47.66	1994
1995	56.9	48.0	43.8	62.7	147.0	224.0	194.0	133.0	96.2	73.0	62.4	60.1	100.4		Jun 25	238.0	85.74	43.30	1995
1996	58.3	53.0	49.7	84.4	207.0	359.0	390.0	288.0	189.0	133.0	114.0	107.0	169.8		Jul 05	424.0	161.14	48.31	1996
1997	89.2	70.0	58.6	75.7	290.0	516.0	433.0	263.0	161.0	117.0	117.0	112.0	192.6		Jun 18	549.0	136.71	56.23	1997
1998	94.9	77.4	62.9	63.7	142.0	238.0	204.0	130.0	80.0	60.2	58.3	54.3	105.7		Jun 19	251.0	65.61	52.81	1998
1999	53.5	49.2	43.2	55.0	174.0	341.0	366.0	244.0	155.0	102.0	75.8	65.0	144.3		Jul 04	410.0	131.00	41.33	1999
2000	58.7	46.7	40.2	50.6	125.0	242.0	280.0	211.0	145.0	108.0	119.0	113.0	128.6		Jun 30	308.0	127.57	39.51	2000
2001	90.8	73.6	57.9	54.0	102.0	214.0	306.0	244.0	168.0	123.0	104.0	97.5	136.8		Jul 18	323.0	133.00	50.54	2001
2002	84.3	67.2	54.9	63.6	174.0	418.0	461.0	286.0	169.0	119.0	90.3	76.2	172.7		Jul 01	515.0	143.00	53.29	2002
2003	64.0	58.0	52.9	62.1	140.0	251.0	270.0	201.0	132.0	104.0	107.0	102.0	129.1		Jul 04	288.0	114.86	51.56	2003
2004	81.9	65.9	55.5	67.8	146.0	232.0	224.0	168.0	122.0	104.0	107.0	104.0	123.4		Jul 06	252.0	111.86	53.49	2004
2005	78.1	85.9	68.9	90.5	197.0	295.0	273.0	207.0	149.0	106.0	91.4	81.2	143.9		Jun 19	316.0	129.43	66.59	2005
2006	72.1	61.6	52.0	60.8	101.0	209.0	216.0	145.0	86.0	54.1	44.3	40.6	95.4		Jun 28	248.0	71.46	39.87	2006
2007	39.0	37.4	36.5	51.9	184.0	368.0	397.0	289.0	204.0	151.0	146.0	134.0	170.7		Jun 30	439.0	177.43	35.84	2007
2008	107.0	77.9	61.5	55.3	162.0	387.0	335.0	219.0	147.0	103.0	81.2	71.3	150.8		Jun 22	424.0	126.00	52.86	2008
2009	62.6	53.8	46.6	50.4	185.0	333.0	322.0	211.0	124.0	77.4	64.8	53.7	132.5		Jun 26	370.0	102.47	42.01	2009
2010	47.1	41.8	39.6	51.2	136.0	253.0	234.0	149.0	84.9	54.6	48.4	44.8	99.1		Jun 30	289.0	67.99	39.14	2010
2011	43.0	42.0	41.4	41.1	141.0	400.0	424.0	301.0	191.0	129.0	97.6	82.6	161.9		Jul 03	483.0	160.14	39.21	2011
Avg.	62.25	53.56	46.83	57.29	149.3	285.8	293.75	206.53	134.31	94.92	81.10	72.57	128.62	131.32		334	114.36	43.42	m^3/s
S. D.	17.53	13.69	9.94	16.24	45.85	80.91	76.12	51.70	35.35	25.54	23.82	23.09	27.48			88.44	30.69	8.84	m^3/s
Normal	63.55	54.88	48.09	59.50	151.05	286.00	292.87	204.67	132.40	93.41	80.56	72.45	128.71	m^3/s					
Normal	12	9	9	11	28	52	55	39	24	18	15	14	285	mm	10-Year	455.51	80.66	29.10	m^3/s







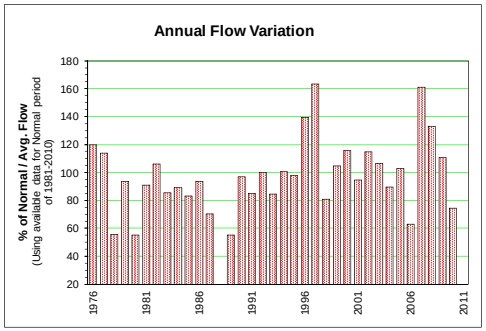


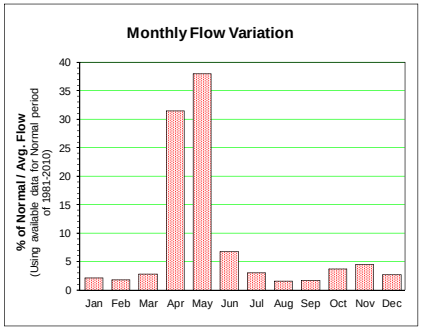
TSILCOH RIVER NEAR THE MOUTH 08JE004

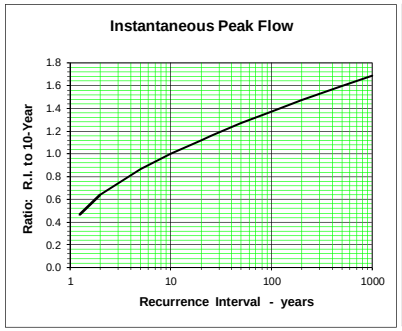
Station Longitude Latitude: -124.246124 54.610115

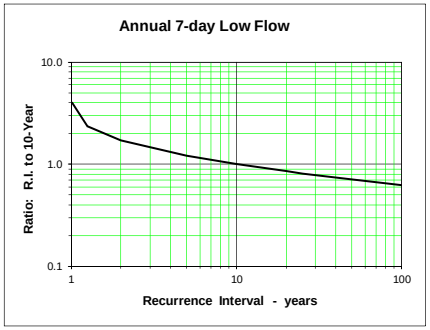
Monthly and Annual Discharge in m^3/s | Drainage Area = 437.90 km^2 | Median Elevation = 835 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Date	Annual	Jun-Sep	Annual	Year
1976	0.581	0.559	0.485	6.43	17.30	5.38	0.898	1.050	0.675	0.95	0.89	0.64	3.00		May 03	44.02	0.600	0.476	1976
1977	0.618	0.722	0.802	11.20	10.40	3.52	1.430	0.507	0.901	1.80	1.46	0.80	2.85		Apr 28	42.80	0.407	0.407	1977
1978	0.616	0.528	0.514	4.84	5.43	1.25	0.350	0.272	0.378	0.66	0.99	0.84	1.39		Apr 29	17.00	0.240	0.240	1978
1979	0.499	0.443	0.702	2.01	18.50	2.59	0.893	0.538	0.368	0.51	0.45	0.29	2.34		May 02	43.00	0.320	0.235	1979
1980	0.372	0.347	0.363	3.90	4.30	1.01	0.738	0.353	0.724	0.73	2.38	1.34	1.38		Apr 26	12.30	0.318	0.317	1980
1981	0.807	0.737	0.706	7.55	13.40	1.77	0.372	0.197	0.214	0.41	0.56	0.40	2.27		May 03	30.80	0.164	0.164	1981
1982	0.275	0.194	0.270	1.50	21.90	2.03	0.881	0.487	0.535	0.96	1.36	1.00	2.65		May 12	39.80	0.309	0.139	1982
1983	0.554	0.443	0.565	9.11	4.54	0.69	5.340	1.160	0.642	0.95	1.08	0.58	2.14		Apr 26	22.50	0.408	0.408	1983
1984	0.509	0.627	0.566	6.98	10.30	3.45	1.050	0.295	0.424	1.10	0.80	0.66	2.23		Apr 18	16.57	0.259	0.259	1984
1985	0.506	0.506	0.592	6.89	11.10	1.60	0.412	0.222	0.788	1.28	0.54	0.44	2.08		May 07	20.90	0.211	0.211	1985
1986	0.431	0.376	1.110	6.50	13.50	2.74	0.814	0.310	0.307	0.76	0.73	0.36	2.34		May 23	21.50	0.243	0.243	1986
1987	0.363	0.370	0.504	6.96	9.23	1.06	0.332	0.213	0.268	0.37	0.75	0.64	1.76		May 04	28.10	0.178	0.178	1987
1988	0.389	0.388	0.602	12.30	15.50	2.42	0.545								Apr 30	43.60			1988
1989	0.410	0.409	0.426	6.47	6.15	0.47	0.250	0.200	0.219	0.35	0.55	0.68	1.38		Apr 30	20.80	0.169	0.169	1989
1990	0.945	0.635	0.673	11.60	8.13	4.19	0.836	0.204	0.213	0.60	0.61	0.50	2.42		Apr 26	24.50	0.154	0.154	1990
1991	0.483	0.624	0.823	10.20	8.17	1.38	0.751	0.274	0.370	0.66	0.85	0.98	2.13		Apr 27	32.80	0.187	0.187	1991
1992	0.952	1.250	3.290	14.20	4.98	0.86	0.310	0.161	0.356	1.24	1.87	0.69	2.50		Apr 21	27.80	0.125	0.125	1992
1993	0.351	0.380	0.529	8.91	7.11	2.61	2.170	0.872	0.459	0.52	0.88	0.60	2.12		Apr 27	16.60	0.386	0.270	1993
1994	0.665	0.660	1.070	15.90	7.73	1.21	0.412	0.212	0.370	0.77	0.76	0.54	2.52		Apr 24	37.20	0.182	0.182	1994
1995	0.463	0.567	0.935	15.70	6.48	0.69	0.560	0.563	0.364	1.18	1.20	0.71	2.44		Apr 28	32.21	0.303	0.303	1995
1996	0.746	0.770	1.070	18.00	11.30	3.32	1.030	0.416	0.889	1.58	1.86	1.08	3.49		Apr 26	32.50	0.382	0.382	1996
1997	0.817	0.875	0.876	13.80	22.00	4.10	1.370	0.530	0.545	1.23	1.75	0.98	4.09		Apr 27	41.20	0.445	0.445	1997
1998	0.814	0.795	1.230	8.92	6.75	0.93	0.487	0.304	0.348	1.59	1.27	0.85	2.02		Apr 26	27.10	0.246	0.246	1998
1999	0.561	0.678	0.741	12.40	11.10	2.49	0.526	0.396	0.471	0.57	0.66	0.77	2.61		Apr 25	40.60	0.283	0.283	1999
2000	0.713	0.572	0.572	7.85	11.10	2.02	0.759	0.701	1.180	3.35	5.20	0.74	2.90		May 02	24.75	0.465	0.403	2000
2001	0.571	0.488	0.442	6.75	9.39	2.47	1.060	0.630	0.613	1.05	3.10	1.75	2.37		Apr 30	21.30	0.378	0.378	2001
2002	0.872	0.661	0.469	4.23	20.20	4.37	0.905	0.349	0.476	0.58	0.53	0.56	2.87		May 03	40.20	0.291	0.291	2002
2003	0.575	0.416	0.622	14.90	7.15	1.74	0.712	0.391	0.609	1.45	2.31	1.18	2.67		Apr 27	32.10	0.325	0.253	2003
2004	0.692	0.561	1.020	10.60	6.20	1.63	0.721	0.671	0.721	1.42	1.62	1.17	2.25		Apr 15	19.20	0.340	0.340	2004
2005	0.773	0.782	1.630	11.40	6.40	1.57	1.860	0.868	1.180	1.94	1.62	0.89	2.58		Apr 25	22.30	0.583	0.583	2005
2006	0.730	0.584	0.677	6.12	7.20	1.63	0.342	0.210	0.184	0.28	0.51	0.44	1.58		Apr 29	15.00	0.130	0.130	2006
2007	0.507	0.556	0.712	15.50	18.40	2.68	0.656	0.463	0.558	2.74	3.91	1.51	4.03		Apr 29	35.20	0.328	0.328	2007
2008	0.971	0.977	1.040	2.95	24.60	1.85	0.517	1.520	0.856	1.61	1.63	1.11	3.33		May 05	49.80	0.404	0.404	2008
2009	0.835	0.710	0.638	5.55	19.00	1.69	0.921	0.447	0.445	0.61	1.19	0.93	2.77		May 03	43.00	0.360	0.360	2009
2010	0.795	0.776	0.838	7.88	6.79	1.92	0.484	0.336	0.501	0.77	0.72	0.55	1.86		Apr 23	18.50	0.302	0.302	2010
2011																			2011
Avg.	0.622	0.599	0.803	9.03	11.19	2.15	0.906	0.480	0.534	1.08	1.37	0.80	2.45	2.45		29.64	0.307	0.288	m^3/s
S. D.	0.19	0.20	0.51	4.25	5.72	1.17	0.88	0.31	0.26	0.67	1.03	0.33	0.65			10.34	0.118	0.110	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.636	0.612	0.841	9.59	11.19	2.05	0.913	0.469	0.521	1.10	1.39	0.803	2.50	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	3	5	57	68	12	6	3	3	7	8	5	180	mm	10-Year	44.1	0.165	0.157	m^3/s







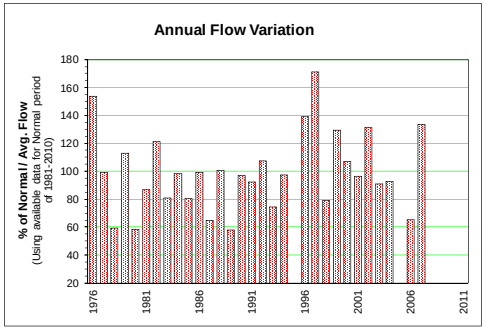


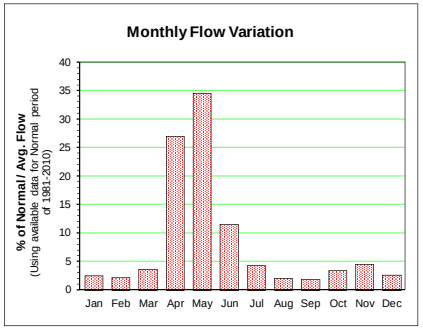
SALMON RIVER NEAR PRINCE GEORGE 08KC001

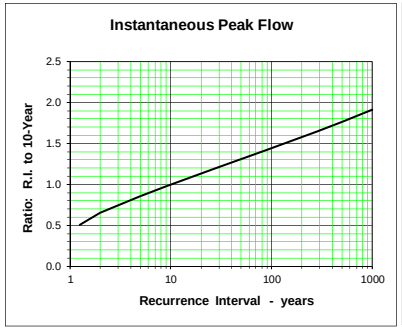
Station Longitude Latitude: -122.679100 54.096458

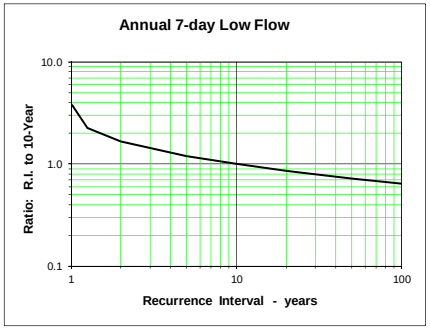
Monthly and Annual Discharge in m3/s — Drainage Area = 4231.54 km2 — Median Elevation = 826 m — Instantaneous Peak Flow — 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	8.99	9.34	9.49	82.50	222.00	97.30	23.10	14.90	10.40	9.55	9.21	8.56	42.21	May 06	337.74	8.57	7.71	1976
1977	9.09	10.50	10.60	108.00	93.20	31.90	15.50	8.01	8.88	13.40	10.50	7.36	27.24	May 01	195.64	5.67	5.67	1977
1978	5.92	6.09	6.62	53.40	67.20	18.80	6.04	3.41	4.86	6.03	9.21	7.94	16.32	Apr 30	132.83	3.10	3.10	1978
1979	5.38	4.00	7.89	33.20	208.00	71.90	15.00	5.75	4.34	5.07	4.73	3.74	30.99	May 05	286.00	4.09	3.09	1979
1980	3.82	3.73	4.46	45.00	42.70	11.70	8.11	4.37	12.10	9.46	20.70	26.80	16.08	Apr 27	97.80	3.53	3.53	1980
1981	23.40	14.70	18.00	59.70	105.00	31.50	9.59	4.41	3.25	4.53	6.45	4.84	23.84	Apr 28	175.00	3.10	3.10	1981
1982	3.16	4.30	4.83	16.50	222.00	62.40	21.90	12.20	10.40	11.30	15.10	11.30	33.26	May 19	328.00	7.38	2.86	1982
1983	9.13	7.24	5.65	81.30	61.30	21.70	36.40	12.20	5.91	6.68	12.40	6.71	22.25	Apr 27	158.00	5.50	4.14	1983
1984	7.02	7.77	13.80	80.80	101.00	51.00	18.00	5.05	5.89	12.80	10.80	9.75	26.97	May 21	144.00	4.19	4.19	1984
1985	6.16	5.88	6.14	54.50	103.00	32.20	5.08	3.16	5.72	25.30	12.90	4.08	22.10	May 06	142.00	2.62	2.62	1985
1986	5.45	5.78	8.84	80.70	131.00	53.40	15.10	5.95	4.29	5.83	5.41	4.97	27.31	Apr 23	173.00	3.75	3.75	1986
1987	5.72	6.60	9.59	70.50	73.50	19.00	5.46	3.05	2.73	3.63	7.36	6.59	17.83	May 06	142.00	2.32	2.32	1987
1988	5.42	4.82	6.40	92.10	139.00	45.60	9.95	5.03	3.51	4.78	8.51	5.88	27.60	Apr 26	215.00	3.16	3.16	1988
1989	4.76	4.11	4.99	57.40	72.60	12.90	5.28	3.42	2.57	3.77	6.79	12.00	15.94	May 01	133.00	2.26	2.26	1989
1990	16.40	8.54	8.27	104.00	91.20	51.20	12.40	3.45	2.78	5.85	8.50	6.68	26.59	Apr 25	201.00	2.36	2.36	1990
1991	5.15	9.40	10.50	101.00	101.00	24.90	10.60	3.29	4.13	6.15	12.40	16.00	25.40	Apr 27	205.00	2.45	2.45	1991
1992	15.20	15.20	49.50	115.00	72.60	23.70	5.99	2.34	4.11	16.90	27.00	7.36	29.51	Apr 23	155.00	1.53	1.53	1992
1993	4.34	4.97	6.60	81.60	62.60	22.30	24.40	11.60	5.00	4.93	9.16	8.37	20.52	Apr 29	124.00	4.20	4.01	1993
1994	7.01	4.55	11.20	136.00	99.40	23.50	8.98	4.01	5.25	8.11	8.74	4.16	26.74	Apr 23	209.00	2.81	2.81	1994
1995	3.14	7.14	16.20	121.00	94.60	18.10								Apr 27	173.00	9.22	2.66	1995
1996	11.30	9.36	20.10	155.00	121.00	67.40	19.40	8.58	8.77	13.20	14.60	9.96	38.13	Apr 27	257.42	6.73	6.73	1996
1997	9.42	10.30	15.80	123.00	246.00	87.10	21.00	8.65	5.40	13.90	14.50	5.70	46.91	Apr 28	368.63	4.71	4.71	1997
1998	7.06	7.97	8.41	80.20	88.80	16.40	6.63	3.59	3.42	15.90	11.50	10.50	21.74	Apr 29	212.00	2.68	2.68	1998
1999	8.11	10.30	18.50	144.00	143.00	52.80	11.60	6.12	5.43	6.17	8.66	10.90	35.48	Apr 27	380.00	4.66	4.66	1999
2000	9.74	6.39	6.95	69.00	99.00	35.30	15.90	7.81	13.30	28.70	53.50	7.61	29.41	Apr 30	174.00	6.48	5.50	2000
2001	4.56	4.20	6.51	55.80	105.00	42.10	21.50	14.70	8.98	12.10	30.60	10.80	26.50	May 01	173.00	7.66	3.90	2001
2002	10.60	9.75	7.88	64.10	197.00	78.60	19.20	7.85	7.99	9.23	9.93	9.07	36.10	May 02	280.00	6.39	6.20	2002
2003	7.90	6.86	9.70	106.00	80.50	30.90	12.10	5.08	5.91	14.10	12.30	8.30	24.97	Apr 27	188.00	4.25	4.25	2003
2004	5.20	5.32	14.30	92.70	63.80	25.00	10.10	7.53	11.00	15.60	40.30	16.50	25.54	Apr 14	151.00	5.76	4.34	2004
2005								10.40	9.37	17.00	12.80	7.24				8.61	6.57	2005
2006	8.07	8.63	13.60	79.80	65.20	18.90	4.62	3.22	2.81	3.40	3.72	3.90	17.97	Apr 14	154.00	2.64	2.64	2006
2007	5.03	6.07	7.82	127.00	159.00	46.00	13.30	8.13	7.86	21.50	27.90	9.39	36.66	Apr 28	391.00	6.87	4.21	2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	7.80	7.41	11.26	86.15	113.91	39.53	13.74	6.69	6.33	10.80	14.39	8.81	27.27	28.84		208.26	4.66	3.87	m^3/s
S. D.	4.26	2.90	8.29	32.77	53.89	22.93	7.36	3.57	3.02	6.46	10.94	4.58	7.71			80.66	2.15	1.49	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8.02	7.54	11.93	90.33	111.47	38.23	13.78	6.57	5.99	11.21	15.07	8.41	27.41	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5	4	8	55	71	23	9	4	4	7	9	5	204	mm	10-Year	312.3	2.457	2.382	m^3/s







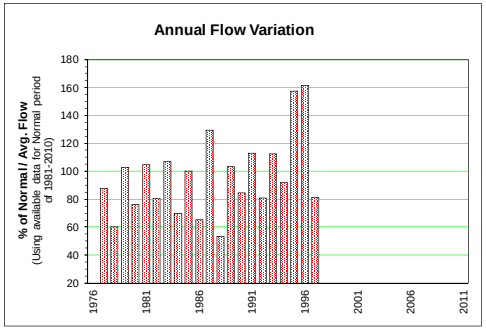


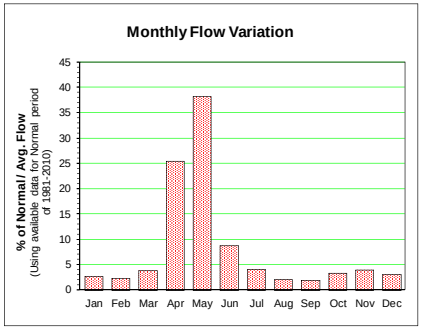
MUSKEG RIVER NORTH OF JOANNE LAKE 08KC003

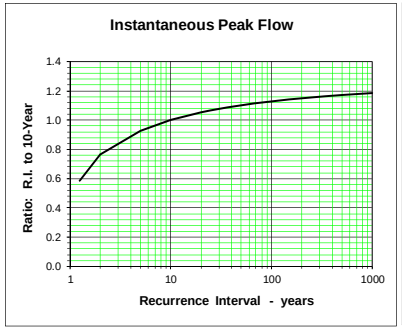
Station Longitude Latitude: -123.236088 54.608179

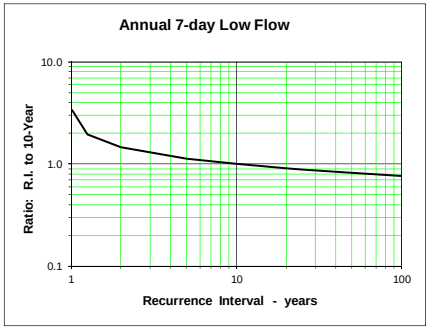
Monthly and Annual Discharge in m3/s | Drainage Area = 296.86 km2 | Median Elevation = 886 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977	0.780	0.908	0.959	6.960	6.320	2.050	1.020	0.594	0.649	0.819	0.802	0.712	1.881		Apr 27	21.70	0.498	0.498	1977
1978	0.605	0.580	0.602	4.100	4.550	1.250	0.413	0.382	0.563	0.592	0.911	0.876	1.287		Apr 28	8.92	0.288	0.288	1978
1979	0.808	0.571	0.520	0.908	14.800	4.470	0.969	0.541	0.494	0.647	0.751	0.704	2.201		May 26	21.90	0.457	0.425	1979
1980	1.390	0.877	1.120	3.870	7.410	1.960	0.410	0.290	0.288	0.429	0.775	0.780	1.636						1980
1981	0.536	0.479	0.548	2.230	14.300	3.500	1.080	0.765	0.691	0.810	1.000	0.749	2.242		Apr 28	11.08	0.259	0.259	1981
1982	0.605	0.553	0.707	5.710	5.280	1.170	2.640	0.896	0.662	0.757	0.941	0.712	1.725		May 18	24.80	0.538	0.464	1982
1983	0.944	0.978	0.929	5.670	10.600	3.240	1.130	0.467	0.570	1.030	0.980	0.822	2.287		Apr 26	14.60	0.525	0.523	1983
1984	0.592	0.603	0.632	2.530	8.200	1.450	0.449	0.309	0.624	1.050	0.893	0.520	1.494		May 10	16.90	0.417	0.417	1984
1985	0.530	0.535	0.651	5.080	12.900	2.880	0.837	0.321	0.394	0.484	0.476	0.458	2.141		May 19	10.70	0.243	0.243	1985
1986	0.515	0.559	0.583	4.360	7.330	0.998	0.405	0.248	0.226	0.307	0.608	0.546	1.396		May 21	24.00	0.268	0.268	1986
1987	0.409	0.368	0.510	7.110	16.300	3.330	0.764	0.426	0.373	0.581	1.580	1.220	2.763		May 03	18.50	0.194	0.194	1987
1988	0.817	0.507	0.445	3.000	5.640	0.583	0.278	0.296	0.276	0.393	0.554	0.854	1.141		May 14	23.40	0.333	0.308	1988
1989	1.110	0.584	0.515	5.770	9.860	4.860	1.190	0.389	0.346	0.646	0.702	0.534	2.214		May 03	13.70	0.239	0.239	1989
1990	0.344	0.589	0.632	5.460	8.650	1.470	0.913	0.395	0.440	0.648	0.976	1.070	1.806		Apr 25	17.10	0.312	0.312	1990
1991	0.922	0.973	3.230	11.200	6.900	1.060	0.405	0.254	0.625	1.170	1.530	0.776	2.419		May 10	17.80	0.277	0.277	1991
1992	0.479	0.474	0.581	5.760	5.460	1.900	1.890	0.985	0.648	0.652	1.200	0.721	1.729		Apr 21	20.00	0.222	0.222	1992
1993	0.826	0.529	1.430	9.930	9.780	1.800	0.862	0.504	0.718	1.210	0.812	0.377	2.403		Apr 27	16.20	0.584	0.422	1993
1994	0.273	0.449	0.766	6.720	9.220	1.260	0.754	0.710	0.507	0.930	1.030	0.888	1.967		Apr 25	21.30	0.462	0.334	1994
1995	0.785	0.784	1.800	12.700	12.300	4.330	1.910	0.680	0.814	1.340	1.650	1.250	3.367		Apr 29	18.50	0.459	0.243	1995
1996	1.110	1.270	1.170	11.800	14.900	4.130	1.590	0.672	0.481	1.190	1.950	1.200	3.455		Apr 25	21.60	0.621	0.621	1996
1997	0.845	0.897	1.040	7.310	5.950	0.919	0.532	0.367	0.351	1.140	0.892	0.613	1.738		May 16	23.50	0.442	0.442	1997
1998															Apr 25	21.44	0.282	0.282	1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
2007																			2007
2008																			2008
2009																			2009
2010																			2010
2011																			2011
Avg.	0.725	0.670	0.922	6.104	9.364	2.315	0.973	0.500	0.511	0.801	1.001	0.780	2.061	2.062		18.46	0.377	0.347	m^3/s
S. D.	0.278	0.229	0.632	3.151	3.616	1.342	0.605	0.214	0.164	0.302	0.382	0.245	0.606			4.61	0.131	0.116	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.685	0.655	0.951	6.61	9.62	2.29	1.04	0.511	0.514	0.843	1.05	0.783	2.13	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	5	9	58	87	20	9	5	4	8	9	7	227	mm	10-Year	24.5	0.226	0.221	m^3/s









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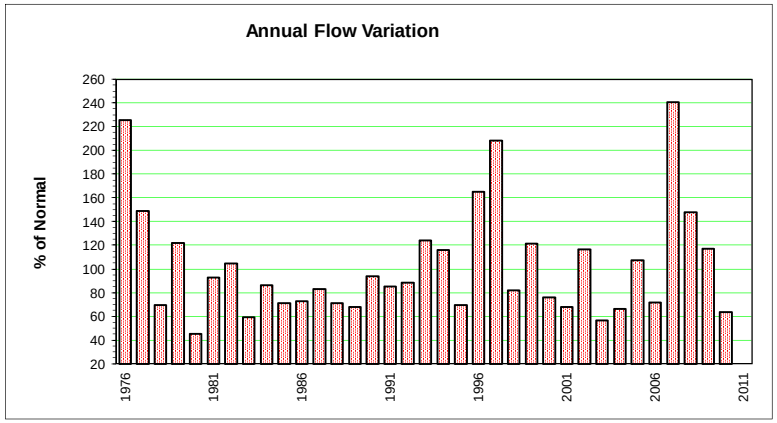
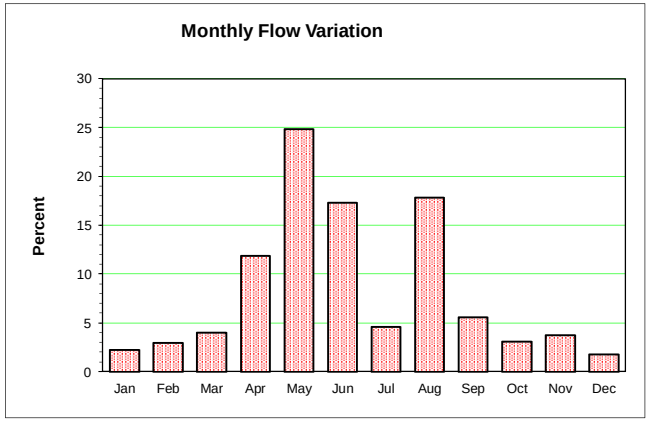
LOWER NECHAKO RIVER (Nechako River at Isle Pierre less Stuart Lake and Skins Lake releases)

Monthly and Annual Inflow in m3/s Drainage Area = 13768 km2 Median Elevation = m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	% of Normal	Year
1976	16.9	19.9	7.9	59.0	446.0	211.0	141.0	123.0	111.0	30.0	64.0	46.3	106.8	226	1976
1977	28.3	39.6	43.9	216.3	261.0	22.0	77.0	46.0	64.7	28.4	15.8	0.2	70.4	149	1977
1978	2.4	8.8	12.9	54.5	125.7	88.5	47.1	20.8	11.5	7.6	3.7	11.7	33.1	70	1978
1979	16.4	18.3	29.2	65.5	256.5	141.6	46.6	63.3	20.4	10.6	17.3	4.8	57.8	122	1979
1980	4.3	1.2	10.1	47.3	42.7	35.8	23.1	16.0	29.1	20.7	18.9	10.1	21.6	46	1980
1981	23.6	26.7	30.6	40.9	97.5	116.6	10.0	96.0	38.5	19.0	20.4	8.4	44.0	93	1981
1982	8.1	9.4	5.3	18.1	202.4	126.0	9.0	121.5	39.3	23.9	16.3	11.7	49.6	105	1982
1983	10.1	10.3	3.1	16.7	48.4	42.8	24.0	105.0	37.5	18.1	14.5	5.6	28.2	60	1983
1984	14.8	20.0	21.9	47.6	98.8	93.9	7.0	111.0	30.1	15.7	11.8	15.9	40.8	86	1984
1985	13.7	14.8	14.6	38.0	89.6	89.6	-16.0	105.0	20.5	16.9	13.8	2.0	33.6	71	1985
1986	6.4	10.8	19.7	34.0	75.1	78.5	38.0	88.0	30.0	12.7	8.2	9.3	34.4	73	1986
1987	6.5	18.8	26.3	58.7	119.8	77.4	-3.0	87.0	30.4	21.6	15.3	10.6	39.2	83	1987
1988	19.7	19.5	8.2	34.6	69.2	78.5	26.0	80.7	30.1	12.9	10.9	12.8	33.6	71	1988
1989	16.2	9.4	10.1	47.1	94.8	65.9	-3.0	85.0	24.5	13.8	11.5	10.6	32.3	68	1989
1990	16.0	16.7	18.9	11.7	168.5	109.6	25.0	121.8	22.2	13.2	4.8	2.5	44.5	94	1990
1991	1.5	-2.5	-7.2	63.9	157.9	97.3	33.0	74.0	26.4	11.7	12.6	13.5	40.4	86	1991
1992	11.9	18.0	51.3	107.1	113.4	53.9	-4.0	106.0	12.6	9.0	12.8	10.0	41.9	89	1992
1993	14.4	25.7	30.3	52.9	112.5	117.4	119.0	130.0	46.4	20.5	11.3	19.6	58.6	124	1993
1994	17.0	19.9	32.4	153.4	173.4	108.1	9.0	105.0	19.2	10.6	2.8	7.3	55.0	116	1994
1995	-13.6	-6.5	3.7	74.7	124.7	83.8	9.0	79.0	18.0	10.6	-0.9	9.5	32.9	70	1995
1996	14.6	67.2	57.1	157.4	217.0	155.5	67.0	105.0	21.9	-3.0	64.0	14.8	78.0	165	1996
1997	17.5	41.7	43.3	181.7	369.0	185.0	106.0	117.0	34.9	32.2	43.9	4.7	98.4	208	1997
1998	17.9	25.6	31.6	55.0	105.3	68.3	-26.0	106.0	23.4	23.8	20.8	12.5	38.8	82	1998
1999	24.7	22.4	32.0	68.4	144.8	123.9	75.0	99.0	42.1	25.5	21.0	7.3	57.4	121	1999
2000	5.1	12.7	22.9	73.7	64.1	61.7	9.0	75.0	36.1	25.3	40.8	6.7	36.0	76	2000
2001	14.8	23.8	31.6	42.7	69.4	74.9	6.0	67.0	27.8	15.0	10.0	2.8	32.1	68	2001
2002	-3.9	-0.6	1.2	29.8	204.0	208.9	51.0	107.0	41.8	7.0	17.0	-3.2	55.2	117	2002
2003	22.6	17.0	14.5	58.7	63.4	50.5	-17.0	78.3	22.3	18.2	3.1	-8.5	26.9	57	2003
2004	-1.6	6.6	15.5	61.2	70.7	49.6	-9.0	66.0	39.9	30.3	39.5	8.9	31.4	67	2004
2005	15.8	8.7	21.4	68.5	119.0	104.0	72.0	83.0	38.9	13.5	42.6	20.9	50.9	108	2005
2006	22.0	35.8	23.4	68.4	77.4	67.4	-12.0	65.0	21.0	15.6	14.7	10.4	34.0	72	2006
2007	10.2	4.7	14.3	115.1	358.0	169.0	163.0	241.0	92.1	13.0	127.0	49.3	113.8	241	2007
2008	52.9	79.4	73.1	89.0	220.9	126.4	29.0	77.0	41.9	27.9	19.4	1.8	69.8	148	2008
2009	-7.5	-10.2	-8.9	132.5	245.4	132.0	4.0	107.0	29.7	18.9	17.2	2.0	55.5	117	2009
2010	0.4	5.2	27.1	47.2	74.3	74.7	-35.0	89.0	31.5	24.7	-0.3	20.3	30.0	64	2010
2011															2011
Normal	12.39	18.37	22.31	68.29	138.29	99.70	25.53	99.24	32.37	17.27	21.56	10.00	47.24	m^3/s	
Normal	2	3	4	13	27	19	5	19	6	3	4	2	108	mm	





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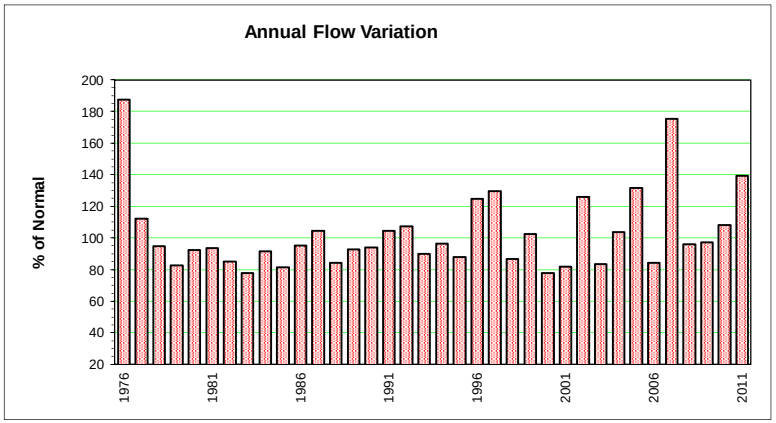
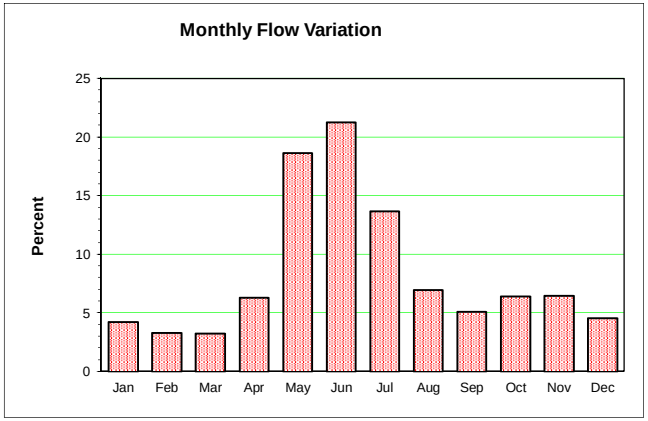
NECHAKO RESERVOIR INFLOW

Monthly and Annual Inflow in m3/s Drainage Area = 14132 km2 Median Elevation = m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	% of Normal	Year
1976	127.8	96.6	86.0	140.8	676.4	835.1	713.7	479.6	283.7	221.8	263.1	202.5	344.9	188	1976
1977	173.5	147.1	108.7	279.1	414.0	387.9	289.3	180.3	115.0	170.2	123.8	85.6	206.5	112	1977
1978	63.0	49.6	47.8	103.5	358.3	482.3	237.0	176.6	92.6	129.9	237.8	113.5	174.8	95	1978
1979	46.0	64.7	50.8	92.3	508.6	439.9	268.0	132.2	79.2	64.3	18.0	58.9	152.6	83	1979
1980	61.2	51.0	38.4	76.8	331.8	332.1	197.8	117.3	180.3	176.0	195.8	277.0	170.0	93	1980
1981	155.5	95.6	69.1	102.9	474.9	390.1	279.6	133.7	81.4	90.5	129.2	53.9	171.9	94	1981
1982	75.9	64.1	45.2	48.7	276.1	580.1	279.0	123.5	133.7	120.7	76.4	55.7	156.8	85	1982
1983	70.4	53.5	40.4	138.6	324.2	373.1	276.2	132.9	94.3	79.2	91.3	37.9	143.1	78	1983
1984	103.1	95.0	84.7	116.9	263.0	381.7	292.6	193.3	127.0	166.0	105.8	92.1	168.7	92	1984
1985	62.9	81.0	55.1	97.4	413.9	440.7	293.4	123.8	67.9	77.9	41.8	42.5	150.3	82	1985
1986	77.1	60.6	67.6	101.5	297.6	612.9	355.8	180.1	96.4	83.9	104.0	61.4	175.3	95	1986
1987	83.3	76.5	68.7	132.4	436.6	514.1	333.7	133.9	118.7	134.7	193.8	77.8	192.4	105	1987
1988	69.4	66.0	58.2	85.9	312.3	397.6	228.3	151.2	127.5	142.3	111.0	114.1	155.5	85	1988
1989	97.7	57.6	54.2	103.3	428.8	397.8	220.9	154.2	63.3	67.5	182.2	213.1	170.8	93	1989
1990	138.0	90.9	59.0	157.3	406.0	426.2	283.3	122.9	40.5	98.3	113.3	135.0	173.1	94	1990
1991	86.4	103.0	70.6	157.4	476.4	505.3	305.1	153.0	76.6	109.7	143.2	113.6	192.1	105	1991
1992	96.3	123.5	137.9	240.7	357.4	467.7	250.3	88.6	156.2	233.3	139.8	83.2	197.7	108	1992
1993	49.1	58.9	58.0	122.2	533.2	438.5	236.2	128.6	46.0	61.7	167.3	84.2	165.9	90	1993
1994	88.8	78.8	83.1	254.1	432.2	394.2	266.6	114.4	113.8	111.5	100.9	87.4	177.5	97	1994
1995	61.7	65.2	55.2	111.5	531.1	444.2	255.3	128.1	64.0	71.4	71.8	75.0	161.9	88	1995
1996	142.6	83.7	72.1	298.8	422.0	588.1	395.8	193.5	187.1	149.4	132.6	90.6	229.7	125	1996
1997	92.1	87.5	92.2	213.9	686.6	660.3	329.7	157.2	103.7	190.7	129.0	108.5	238.4	130	1997
1998	78.1	57.9	52.2	87.4	530.6	366.7	219.8	103.6	78.2	154.7	84.5	91.7	159.7	87	1998
1999	74.9	69.0	55.5	115.0	321.4	572.1	414.8	238.5	120.5	106.8	86.9	78.2	188.4	103	1999
2000	53.6	40.8	49.6	79.3	215.0	400.3	273.5	129.1	106.0	136.8	150.7	82.5	143.2	78	2000
2001	76.8	49.4	45.8	77.2	207.5	399.2	302.2	167.2	129.5	99.8	150.9	93.9	150.4	82	2001
2002	81.9	76.7	52.2	95.4	422.2	796.5	437.2	197.9	224.3	108.3	181.9	104.0	231.8	126	2002
2003	107.9	58.8	57.8	146.8	319.1	365.9	206.4	115.7	116.9	171.7	104.5	64.6	153.4	84	2003
2004	75.7	54.0	65.3	167.0	341.0	276.1	219.8	139.2	199.9	217.7	320.3	210.8	190.7	104	2004
2005	155.3	205.2	188.7	306.7	513.6	382.2	243.9	155.1	123.1	269.6	232.3	128.7	242.1	132	2005
2006	97.8	63.6	56.6	102.3	299.4	413.8	225.2	113.9	58.4	95.0	181.4	145.7	154.8	84	2006
2007	132.5	113.8	122.8	228.2	610.0	950.0	644.9	319.6	163.5	248.3	202.2	117.9	322.1	175	2007
2008	84.3	69.3	56.6	76.9	497.6	392.3	264.9	185.3	101.2	94.5	174.9	116.6	176.7	96	2008
2009	81.6	64.4	60.0	122.9	378.5	520.8	320.5	109.9	92.3	113.2	194.2	86.6	179.1	97	2009
2010	99.5	71.9	57.4	142.5	365.5	417.0	216.2	119.4	200.8	348.7	231.8	108.2	198.7	108	2010
2011	90.6	91.1	71.4	83.1	565.0	685.0	453.1	208.6	282.5	208.9	169.6	154.0	256.0	139	2011
Normal	91.68	77.87	69.73	141.02	403.13	475.52	295.70	150.24	113.76	138.47	144.33	98.52	183.74	m^3/s	
Normal	17	13	13	26	76	87	56	28	21	26	26	19	410	mm	





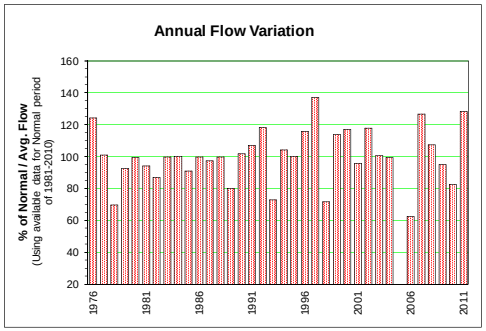
Zone 12 McGregor Basin

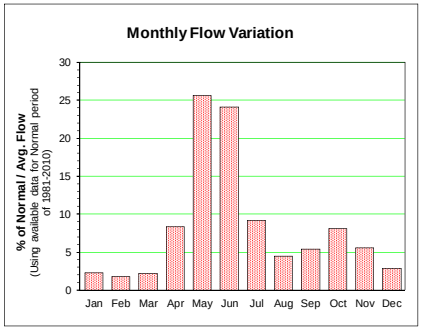
PARSNIP RIVER ABOVE MISINCHINKA RIVER 07EE007

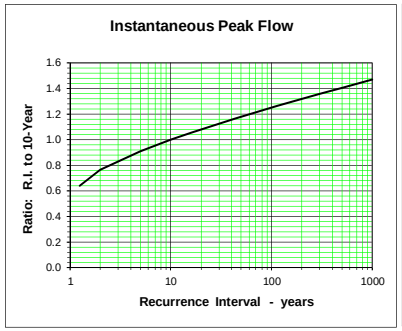
Station Longitude Latitude: -122.904700 55.078060

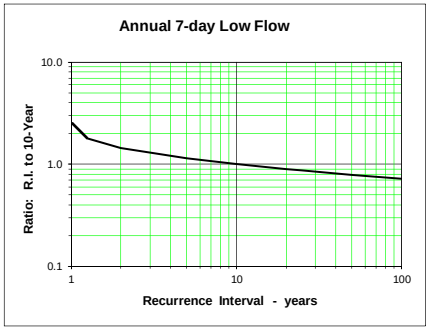
Monthly and Annual Discharge in m^3/s | Drainage Area = 4905.00 km^2 | Median Elevation = 1101 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	35.30	27.40	23.80	78.40	537.00	545.00	374.00	201.00	131.00	120.00	61.30	40.90	181.85	Jun 20	759.00	78.93	22.44	1976
1977	43.50	45.20	40.90	204.00	474.00	372.00	233.00	78.70	86.30	94.50	62.00	33.50	147.77	May 13	827.00	45.21	31.50	1977
1978	29.20	21.20	19.80	110.00	284.00	241.00	57.10	74.60	104.00	116.00	130.00	34.70	101.98	Jun 06	490.00	37.50	16.26	1978
1979	23.50	19.30	24.80	63.30	427.00	598.00	223.00	50.30	43.00	81.30	37.10	26.50	135.15	May 29	921.00	33.30	17.53	1979
1980	20.40	18.40	17.40	147.00	382.00	216.00	192.00	85.00	264.00	110.00	126.00	163.00	145.32	Sep 08	770.00	58.33	16.54	1980
1981	88.70	56.80	49.20	139.00	587.00	347.00	110.00	43.60	34.20	52.00	93.70	44.00	137.58	May 24	922.00	26.66	26.66	1981
1982	25.40	18.40	16.00	21.30	295.00	451.00	217.00	111.00	148.00	111.00	66.80	39.40	127.09	Jun 03	868.00	70.64	15.03	1982
1983	32.30	27.90	40.50	179.00	360.00	301.00	239.00	133.00	147.00	121.00	121.00	43.70	145.96	Jun 01	543.00	98.04	27.09	1983
1984	32.50	30.00	32.70	144.00	275.00	416.00	186.00	73.20	161.00	275.00	73.90	55.50	146.29	Oct 10	916.00	49.14	27.40	1984
1985	30.70	26.50	25.60	54.40	460.00	432.00	128.00	48.50	148.00	149.00	63.00	27.90	133.22	May 25	770.00	33.47	22.03	1985
1986	26.00	25.80	47.20	103.00	401.00	585.00	219.00	63.60	42.00	98.90	94.10	38.90	145.69	Jun 02	941.00	30.27	21.60	1986
1987	32.10	35.70	60.50	131.00	499.00	416.00	102.00	75.70	49.20	70.00	158.00	73.90	142.29	Jun 14	791.00	36.17	27.54	1987
1988	43.00	33.00	31.90	205.00	548.00	366.00	144.00	89.60	56.70	95.50	84.20	51.10	145.93	May 15	891.00	34.74	27.49	1988
1989	33.90	21.10	17.40	130.00	417.00	280.00	86.10	52.60	47.60	93.30	139.00	86.70	117.50	May 12	722.00	28.57	16.23	1989
1990	74.20	34.70	29.50	163.00	497.00	610.00	137.00	46.80	31.30	78.30	46.20	32.10	148.57	Jun 02	1320.00	24.23	24.23	1990
1991	29.90	32.60	31.60	182.00	535.00	430.00	137.00	70.00	74.20	175.00	79.20	93.10	156.42	May 21	787.00	42.46	24.21	1991
1992	85.30	91.40	113.00	302.00	377.00	429.00	81.40	32.80	210.00	233.00	90.60	36.40	173.02	Oct 26	741.00	22.17	22.17	1992
1993	21.70	27.50	30.10	158.00	415.00	153.00	118.00	90.70	49.50	68.40	99.00	40.50	106.50	May 15	897.00	36.83	19.96	1993
1994	39.80	29.60	35.70	246.00	547.00	391.00	178.00	49.40	78.20	125.00	66.10	39.60	152.65	May 13	751.00	36.84	23.16	1994
1995	38.50	40.90	45.40	168.00	474.00	300.00	146.00	171.00	58.70	148.00	79.60	75.10	146.23	May 17	713.00	39.67	35.34	1995
1996	75.20	64.90	69.00	227.00	364.00	509.00	257.00	86.10	141.00	143.00	59.30	38.20	169.34	Jun 07	800.00	75.04	30.96	1996
1997	30.50	35.10	33.50	189.00	628.00	701.00	205.00	81.80	67.40	250.00	134.00	43.30	200.44	Jun 03	1070.00	57.33	28.30	1997
1998	29.00	25.20	34.30	151.00	527.00	139.00	64.20	37.60	28.90	135.00	49.70	29.20	104.96	May 04	685.00	26.36	22.20	1998
1999	24.90	21.60	29.90	205.00	435.00	559.00	215.00	120.00	96.30	102.00	127.00	57.80	166.43	May 26	889.00	59.80	20.47	1999
2000	32.50	25.20	25.10	139.00	403.00	503.00	218.00	114.00	223.00	181.00	146.00	41.10	170.81	Jun 08	750.00	57.31	23.86	2000
2001	29.60	21.40	17.90	101.00	360.00	431.00	204.00	113.00	87.50	90.20	174.00	50.50	140.34	May 30	751.00	59.01	17.14	2001
2002	32.20	22.70	19.00	45.70	412.00	761.00	248.00	65.80	138.00	155.00	113.00	54.40	172.45	Jun 19	1060.00	53.20	18.19	2002
2003	33.10	25.80	31.70	188.00	383.00	380.00	161.00	58.50	123.00	248.00	77.80	48.10	146.99	May 27	859.00	50.63	23.11	2003
2004	43.90	36.90	39.40	199.00	397.00	338.00	109.00	61.40	111.00	156.00	188.00	68.80	145.60	Jun 08	867.00	40.97	30.93	2004
2005							147.00	93.60	89.10	259.00	112.00	71.10				60.94		2005
2006	43.70	30.10	28.60	126.00	382.00	243.00	83.70	41.30	27.40	46.60	19.50	21.10	91.44	May 25	661.00	20.84	16.76	2006
2007	25.60	47.80	59.70	184.00	474.00	649.00	193.00	81.90	120.00	228.00	122.00	36.90	185.37	Jun 06	1200.00	72.29	18.29	2007
2008	27.50	28.30	34.00	49.10	612.00	514.00	160.00	117.00	89.40	90.20	110.00	48.50	157.00	May 31	1030.00	56.44	25.73	2008
2009	31.60	28.60	24.10	52.00	436.00	536.00	200.00	51.60	69.30	65.00	111.00	58.40	138.95	Jun 07	782.00	35.94	23.43	2009
2010	53.40	49.40	46.40	156.00	318.00	262.00	82.20	43.60	127.00	147.00	94.70	65.40	120.58	May 21	680.00	33.96	33.96	2010
2011	44.50	36.50	37.40	61.60	592.00	522.00	374.00	162.00	162.00	113.00	85.10	46.40	187.37	May 25	1040.00	73.56	35.36	2011
Avg.	38.37	33.23	36.09	142.91	443.26	426.46	173.02	82.51	101.78	134.01	97.05	51.55	146.72	147.38	841.83	47.13	23.80	m^3/s
S. D.	17.22	14.78	18.47	63.96	93.28	150.80	74.87	39.27	57.43	61.55	38.39	25.45	24.98		167.99	18.46	5.68	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	39.54	34.31	37.89	149.57	442.00	428.69	159.19	77.29	95.80	139.65	99.75	50.36	146.06	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	22	17	21	79	241	227	87	42	51	76	53	27	940	mm	10-Year	1085.3	27.856	15.371	m^3/s







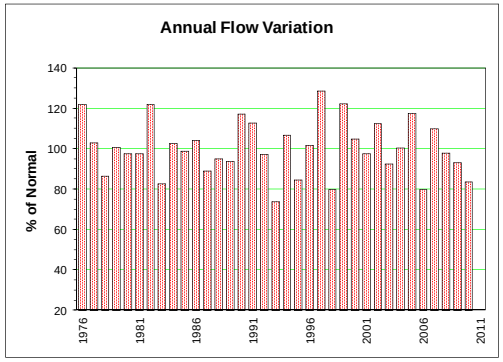


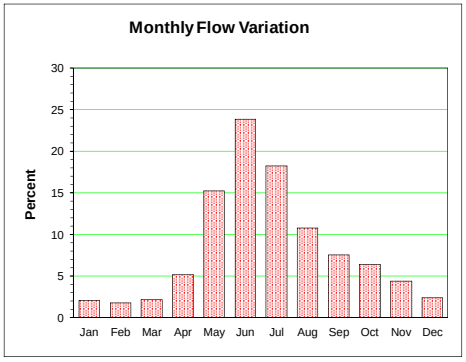
FRASER RIVER AT HANSARD 08KA004

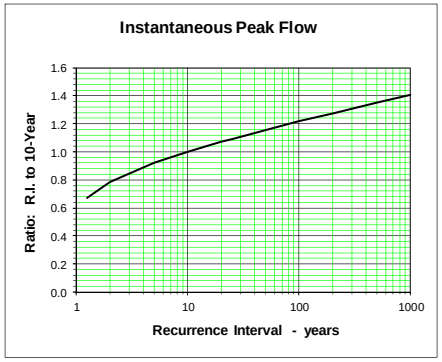
Station Longitude Latitude: -121.847800 54.078610

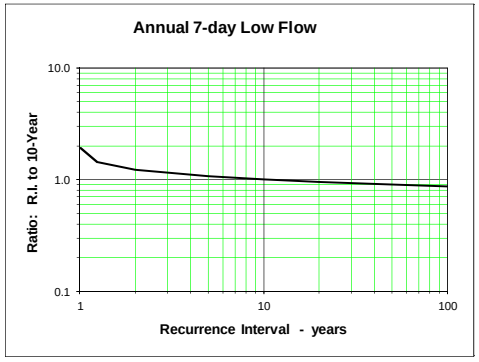
Monthly and Annual Discharge in m^3/s | Drainage Area = 17972.77 km^2 | Median Elevation = 1460 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	99.4	89.8	81.1	159.0	1020.0	1150.0	1340.0	1040.0	658.0	389.0	207.0	169.0	535.8		Jun 21	2040.0	431.14	79.43	1976
1977	145.0	118.0	104.0	381.0	743.0	1270.0	1060.0	699.0	406.0	254.0	139.0	82.5	451.8		Jun 09	1900.0	321.86	72.79	1977
1978	78.6	74.0	74.9	212.0	494.0	969.0	843.0	540.0	487.0	399.0	246.0	123.0	379.8		Jun 06	1430.0	380.00	70.37	1978
1979	88.3	69.5	116.0	199.0	855.0	1450.0	1140.0	533.0	363.0	258.0	127.0	90.9	442.8		Jun 07	2450.0	300.14	64.80	1979
1980	72.9	60.4	64.5	375.0	962.0	946.0	716.0	492.0	519.0	389.0	218.0	318.0	428.8		Jun 19	1540.0	404.86	58.04	1980
1981	238.0	176.0	158.0	237.0	955.0	1020.0	847.0	577.0	334.0	181.0	274.0	124.0	428.4		May 27	1970.0	214.57	107.57	1981
1982	84.7	73.4	67.3	94.3	807.0	1750.0	1320.0	861.0	732.0	333.0	178.0	97.1	535.2		Jun 22	2190.0	448.00	63.47	1982
1983	81.5	84.0	104.0	198.0	539.0	1010.0	841.0	497.0	362.0	241.0	291.0	85.9	362.3		Jun 01	1440.0	280.43	75.43	1983
1984	95.7	89.0	88.1	226.0	383.0	1210.0	1230.0	668.0	692.0	492.0	131.0	101.0	451.2		Jul 07	1910.0	486.00	76.00	1984
1985	89.1	80.7	82.0	226.0	994.0	1290.0	898.0	472.0	411.0	368.0	173.0	105.0	434.3		May 26	2190.0	311.00	77.47	1985
1986	99.8	97.6	159.0	293.0	713.0	1760.0	988.0	532.0	322.0	265.0	164.0	85.6	457.6		Jun 02	2630.0	202.86	79.53	1986
1987	100.0	98.0	166.0	228.0	835.0	1210.0	717.0	535.0	260.0	187.0	221.0	116.0	390.8		Jun 14	1870.0	220.86	90.39	1987
1988	67.5	63.6	90.0	466.0	990.0	1150.0	714.0	525.0	316.0	257.0	230.0	128.0	417.0		May 15	1840.0	192.43	58.23	1988
1989	84.4	71.7	74.7	164.0	741.0	1300.0	795.0	609.0	293.0	238.0	351.0	193.0	411.1		Jun 16	1800.0	252.71	69.31	1989
1990	143.0	94.3	92.8	413.0	937.0	1930.0	1110.0	566.0	302.0	230.0	203.0	133.0	514.1		Jun 02	2810.0	264.29	89.41	1990
1991	100.0	180.0	120.0	344.0	925.0	1280.0	1210.0	765.0	512.0	271.0	117.0	92.2	494.8		May 19	1727.4	288.86	85.29	1991
1992	109.0	110.0	216.0	368.0	765.0	1280.0	575.0	395.0	452.0	478.0	266.0	111.0	427.0		Jun 15	1700.0	255.14	85.39	1992
1993	78.2	76.4	112.0	232.0	968.0	734.0	479.0	453.0	264.0	170.0	187.0	112.0	323.8		May 16	1900.0	173.57	72.14	1993
1994	116.0	107.0	177.0	526.0	1070.0	1220.0	1040.0	507.0	294.0	277.0	150.0	107.0	468.0		Jul 04	1620.0	278.71	93.81	1994
1995	91.0	87.1	103.0	232.0	669.0	1010.0	718.0	658.0	328.0	271.0	145.0	121.0	371.1		Jun 07	1380.0	230.71	78.77	1995
1996	106.0	95.2	109.0	336.0	479.0	1160.0	1200.0	638.0	479.0	367.0	238.0	139.0	446.3		Jul 06	1690.0	322.86	90.50	1996
1997	99.1	99.2	108.0	374.0	1010.0	1680.0	1310.0	701.0	393.0	606.0	274.0	91.9	564.7		Jun 03	2460.0	336.57	85.63	1997
1998	91.3	96.2	132.0	216.0	1010.0	695.0	652.0	435.0	248.0	314.0	181.0	105.0	350.2		May 29	1380.0	202.00	79.31	1998
1999	96.8	87.4	111.0	389.0	782.0	1580.0	1350.0	807.0	409.0	321.0	333.0	153.0	537.0		Jun 21	2520.0	316.29	77.00	1999
2000	101.0	98.4	104.0	218.0	548.0	1240.0	1250.0	584.0	617.0	372.0	269.0	116.0	460.4		Jul 04	2010.0	396.57	90.33	2000
2001	86.4	82.7	75.0	197.0	622.0	1100.0	1150.0	727.0	391.0	285.0	254.0	136.0	427.7		Jul 20	2310.0	301.57	73.20	2001
2002	101.0	78.8	62.8	147.0	645.0	1820.0	1090.0	449.0	562.0	538.0	267.0	155.0	494.1		Jun 19	2620.0	371.86	58.43	2002
2003	128.0	101.0	115.0	381.0	603.0	1160.0	777.0	455.0	328.0	456.0	224.0	131.0	406.1		May 30	1610.0	265.43	85.41	2003
2004	85.3	79.5	86.1	319.0	690.0	1120.0	710.0	450.0	676.0	436.0	450.0	197.0	441.4		Jun 08	1680.0	378.86	71.91	2004
2005	244.0	241.0	254.0	352.0	988.0	1240.0	937.0	564.0	421.0	490.0	289.0	149.0	515.7		Jun 02	2010.0	361.43	105.57	2005
2006	130.0	102.0	86.3	238.0	845.0	977.0	683.0	405.0	243.0	173.0	170.0	129.0	349.8		May 23	1800.0	183.14	73.26	2006
2007	97.3	74.0	72.3	236.0	892.0	1620.0	1090.0	425.0	368.0	452.0	328.0	111.0	482.1		Jun 08	2750.0	281.86	69.60	2007
2008	82.8	81.5	84.5	113.0	1010.0	1220.0	901.0	595.0	394.0	278.0	258.0	123.0	429.6		May 22	2100.0	314.29	74.81	2008
2009	90.6	84.0	68.5	274.0	677.0	1430.0	951.0	462.0	356.0	198.0	199.0	98.8	408.3		Jun 18	1942.1	303.43	62.53	2009
2010	84.7	81.5	132.0	263.0	555.0	1070.0	715.0	433.0	383.0	370.0	200.0	111.0	367.6		Jun 26	1492.3	295.57	80.79	2010
2011																			2011
Avg.	105.33	96.65	110.03	275.04	792.0	1258.6	952.77	572.97	416.43	331.54	227.20	126.88	440.19	458.12		1963	302.00	77.88	m^3/s
S. D.	38.25	35.46	43.09	100.56	188.27	292.34	241.72	143.26	132.65	111.81	72.06	43.35	59.40			402.49	77.65	11.98	m^3/s
Normal	106.74	99.04	113.68	276.68	788.23	1275.53	941.60	558.33	404.73	330.50	233.83	121.92	438.92	m^3/s					
Normal	16	13	17	40	117	184	140	83	58	49	34	18	771	mm	10-Year	2555.95	218.63	62.36	m^3/s







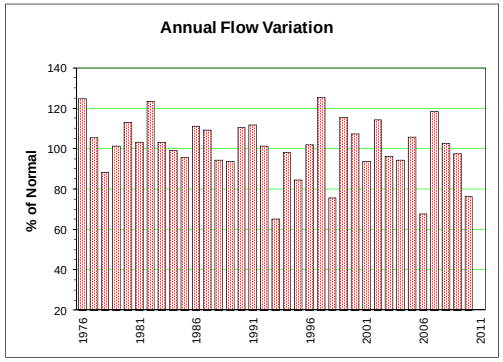


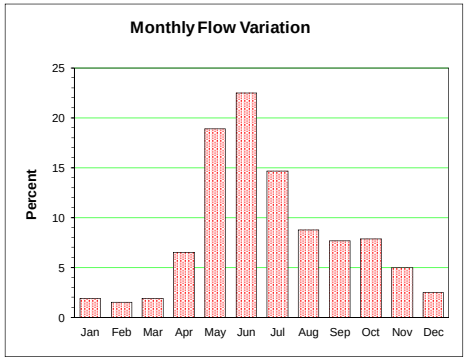
MCGREGOR RIVER AT LOWER CANYON 08KB003

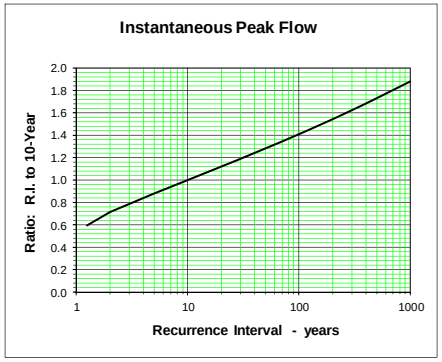
Station Longitude Latitude: -121.669599 54.232093

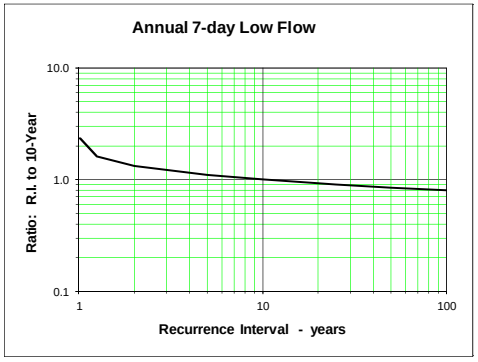
Monthly and Annual Discharge in m^3/s | Drainage Area = 4760.86 km^2 | Median Elevation = 1368 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	45.00	32.00	24.00	80.40	544.00	576.00	579.00	469.00	309.00	197.00	74.00	60.10	250.19		Jul 02	1170.0	188.86	22.90	1976
1977	60.40	49.10	39.80	199.00	462.00	573.00	461.00	277.00	165.00	143.00	69.60	33.50	211.92		Jun 09	957.0	114.29	31.20	1977
1978	29.20	23.00	25.60	130.00	277.00	416.00	281.00	257.00	219.00	222.00	191.00	52.60	177.54		Nov 07	1090.0	162.43	17.51	1978
1979	30.90	23.70	37.20	104.00	414.00	735.00	465.00	211.00	137.00	158.00	67.70	49.90	203.62		Jun 05	1650.0	107.00	21.40	1979
1980	28.00	23.60	22.90	220.00	482.00	481.00	362.00	219.00	326.00	176.00	121.00	254.00	226.74		Dec 17	1083.3	185.29	21.59	1980
1981	109.00	63.90	55.90	157.00	617.00	444.00	326.00	228.00	153.00	113.00	150.00	59.20	207.29		May 26	1090.0	96.87	43.77	1981
1982	35.80	28.30	23.20	30.50	441.00	749.00	512.00	365.00	424.00	182.00	112.00	60.80	247.87		Sep 09	1870.0	216.86	22.17	1982
1983	36.50	31.80	44.70	188.00	410.00	505.00	378.00	220.00	229.00	187.00	178.00	72.50	207.40		May 31	839.0	170.00	30.27	1983
1984	37.20	40.00	42.80	131.00	237.00	510.00	402.00	256.00	306.00	276.00	86.80	60.10	198.96		Sep 17	1020.0	137.29	35.07	1984
1985	32.10	27.70	27.10	96.80	541.00	550.00	319.00	173.00	237.00	174.00	80.90	38.80	192.25		May 25	1250.0	118.57	25.64	1985
1986	39.80	39.20	73.30	162.00	466.00	720.00	422.00	203.00	134.00	181.00	138.00	87.20	222.90		May 27	1280.0	97.63	31.71	1986
1987	115.00	129.00	152.00	182.00	482.00	539.00	256.00	273.00	140.00	149.00	154.00	57.70	219.42		Jun 13	1200.0	94.13	40.26	1987
1988	34.50	32.90	44.40	189.00	530.00	502.00	267.00	207.00	136.00	160.00	106.00	57.00	189.18		May 14	942.5	70.64	28.70	1988
1989	37.40	28.70	25.80	131.00	446.00	530.00	290.00	240.00	134.00	133.00	176.00	79.30	188.30		May 10	835.0	107.20	24.26	1989
1990	63.50	37.90	36.10	162.00	590.00	804.00	406.00	189.00	105.00	133.00	71.00	55.10	221.85		Jun 01	2010.0	92.66	34.39	1990
1991	44.20	62.70	57.50	184.00	559.00	624.00	396.00	248.00	173.00	201.00	72.80	56.80	224.13		May 20	1033.0	116.14	37.03	1991
1992	45.40	42.20	81.30	257.00	384.00	542.00	185.00	126.00	348.00	287.00	99.20	48.80	203.53		Oct 24	1180.0	83.09	39.29	1992
1993	31.50	28.90	40.90	147.00	431.00	238.00	166.00	159.00	95.20	84.60	90.20	48.30	130.74		May 14	1110.0	60.17	26.57	1993
1994	44.30	30.90	42.40	230.00	523.00	529.00	396.00	168.00	129.00	146.00	70.90	45.30	197.12		May 12	837.0	110.29	26.26	1994
1995	37.80	40.00	45.20	133.00	440.00	403.00	273.00	242.00	110.00	167.00	83.70	52.60	169.85		May 16	887.0	74.87	37.06	1995
1996	41.10	39.90	52.40	224.00	308.00	535.00	473.00	234.00	228.00	196.00	83.30	40.20	204.79		Jun 05	957.0	131.29	32.37	1996
1997	28.10	37.30	48.00	267.00	575.00	717.00	448.00	234.00	145.00	300.00	139.00	70.90	251.80		Jun 01	1500.0	112.49	26.39	1997
1998	47.20	39.90	45.30	147.00	555.00	250.00	193.00	140.00	93.80	187.00	74.60	39.00	152.00		May 27	784.0	83.50	34.01	1998
1999	34.60	34.10	41.70	264.00	435.00	703.00	476.00	270.00	160.00	173.00	135.00	50.90	232.14		Jul 29	1360.0	106.93	31.09	1999
2000	30.80	32.40	37.40	159.00	347.00	646.00	474.00	165.00	310.00	207.00	136.00	44.00	215.66		Jul 03	1130.0	108.14	27.11	2000
2001	35.90	31.50	33.40	115.00	353.00	480.00	394.00	252.00	169.00	135.00	169.00	76.70	187.81		Jul 19	1120.0	122.00	29.79	2001
2002	48.80	28.40	22.60	65.90	363.00	868.00	421.00	174.00	289.00	240.00	157.00	67.90	229.17		Jun 18	1760.0	137.71	21.74	2002
2003	48.20	36.40	39.20	188.00	352.00	504.00	328.00	182.00	189.00	298.00	88.40	53.70	192.97		Oct 19	1170.0	148.57	29.19	2003
2004	36.80	32.00	35.20	190.00	381.00	453.00	255.00	166.00	139.00	222.00	283.00	76.20	189.12		Nov 09	1320.0	111.00	26.97	2004
2005	78.30	57.90	52.70	213.00	462.00	440.00	327.00	199.00	211.00	270.00	144.00	84.80	212.46		Jun 01	914.0	149.29	37.63	2005
2006	62.60	45.80	32.10	83.90	386.00	337.00	228.00	136.00	93.20	93.20	76.90	53.10	136.26		May 24	877.5	73.40	28.77	2006
2007	43.60	38.90	46.30	180.00	464.00	764.00	431.00	167.00	225.00	290.00	138.00	57.30	237.74		Jun 05	1620.0	121.76	38.16	2007
2008	35.50	27.10	29.20	56.30	604.00	552.00	364.00	309.00	169.00	130.00	126.00	59.50	205.88		May 20	1410.0	122.29	26.81	2008
2009	34.50	29.80	26.10	100.00	415.00	680.00	403.00	173.00	179.00	110.00	141.00	52.70	195.83		Jun 06	1030.0	123.71	25.21	2009
2010	34.70	35.00	35.40	144.00	303.00	384.00	227.00	151.00	200.00	168.00	102.00	49.10	153.13		May 20	832.0	70.69	34.26	2010
2011																			2011
Avg.	45.09	38.91	43.40	157.45	445.1	550.9	359.54	219.49	194.55	185.39	119.60	63.02	202.50	214.22		1175	117.91	29.90	m^3/s
S. D.	20.03	18.57	23.16	58.99	95.93	148.50	101.04	68.05	81.41	58.63	46.34	35.67	29.42			310.54	35.85	6.23	m^3/s
Normal	46.16	40.35	45.65	159.25	446.67	550.07	347.87	208.30	188.44	186.43	122.09	58.52	200.59	m^3/s					
Normal	26	21	26	87	251	299	196	117	103	105	66	33	1330	mm	10-Year	1589.90	81.71	21.71	m^3/s







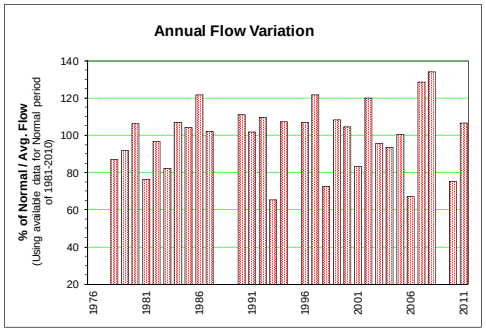


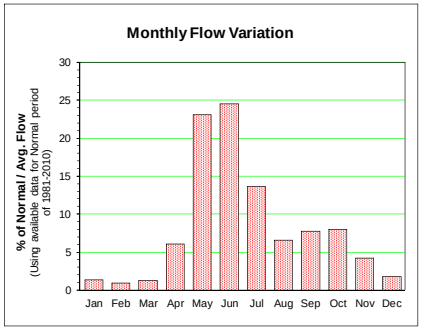
MULLER CREEK NEAR THE MOUTH 08KB006

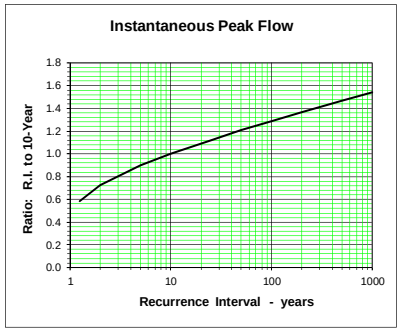
Station Longitude Latitude: -120.976400 54.296670

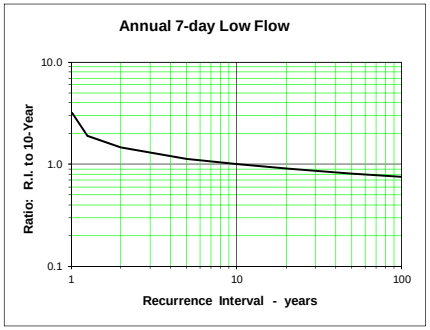
Monthly and Annual Discharge in m^3/s | Drainage Area = 102.89 km^2 | Median Elevation = 1352 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977		0.373	0.281	3.940	11.500	19.300	13.100	4.770	3.850	3.820	2.420	0.793		Jun 07	37.77			1977
1978	0.432	0.272	0.266	2.710	7.480	9.350	4.280	5.390	5.710	6.190	5.350	1.260	4.070	Nov 07	39.60	2.683	0.227	1978
1979	0.491	0.360	0.727	0.654	9.920	18.800	10.500	3.120	1.810	3.130	1.110	0.717	4.296	Jun 05	37.90	1.431	0.339	1979
1980	0.458	0.403	0.378	3.830	13.300	11.500	6.630	3.640	7.420	3.990	2.720	5.290	4.973	Jun 18	33.40	2.803	0.356	1980
1981	2.300	0.511	0.372	2.810	15.100	8.820	4.360	2.400	1.230	1.070	2.940	0.867	3.586	May 26	27.00	0.428	0.289	1981
1982	0.600	0.425	0.369	0.502	9.920	17.100	9.210	4.420	6.490	2.780	1.580	0.766	4.526	Jul 15	57.32	2.150	0.344	1982
1983	0.411	0.367	0.614	3.530	10.800	9.800	6.070	2.240	4.070	3.690	3.240	1.200	3.850	May 20	25.40	1.661	0.330	1983
1984	0.598	0.648	0.762	6.390	7.850	13.200	9.770	5.040	7.090	6.350	1.510	0.963	5.016	Sep 17	35.10	3.024	0.579	1984
1985	0.516	0.407	0.396	1.370	15.400	14.700	7.040	3.110	7.050	5.310	2.350	0.699	4.882	Sep 16	47.30	1.860	0.366	1985
1986	0.732	0.915	1.970	4.020	14.700	19.800	10.500	3.650	2.040	4.880	3.540	1.340	5.695	May 26	45.80	1.253	0.390	1986
1987	1.220	1.140	1.060	3.860	17.000	16.300	5.730	4.660	1.830	1.960	1.680	0.763	4.784	Jun 12	37.30	1.607	0.568	1987
1988																		1988
1989																		1989
1990	1.560	0.519	0.311	2.900	17.800	21.200	8.620	2.690	1.460	2.640	1.580	0.838	5.197	May 31	63.00	1.020	0.300	1990
1991	0.432	0.554	0.621	2.720	14.300	14.600	8.530	4.430	3.610	4.720	1.490	0.955	4.772	May 20	48.46	2.671	0.406	1991
1992	0.834	0.977	2.340	7.060	11.600	13.800	3.620	1.710	9.530	7.290	2.090	0.965	5.142	Sep 20	50.20	0.972	0.771	1992
1993	0.475	0.441	0.883	4.310	12.200	4.710	2.650	2.230	1.770	3.250	2.720	0.911	3.064	May 13	40.70	1.125	0.343	1993
1994	0.714	0.380	0.410	7.050	16.800	14.700	9.540	2.490	2.270	3.230	1.750	0.804	5.034	May 12	28.70	1.759	0.308	1994
1995										3.710	1.730	0.902						1995
1996	0.615	0.437	0.440	3.050	9.520	15.200	11.800	6.590	5.230	4.940	1.570	0.655	5.015	Jun 04	32.00	2.937	0.388	1996
1997	0.500	0.582	0.765	2.730	16.200	17.900	10.000	4.170	3.080	7.270	3.580	1.270	5.700	Oct 16	57.30	2.019	0.486	1997
1998	0.474	0.427	0.503	3.710	16.800	6.020	2.810	1.620	1.510	4.090	1.710	0.873	3.405	May 02	29.30	1.169	0.411	1998
1999	0.584	0.474	0.554	2.590	10.100	15.600	11.800	6.280	4.000	4.940	2.620	1.100	5.079	Jul 29	46.00	2.523	0.427	1999
2000	0.659	0.538	0.427	2.180	9.750	16.200	9.420	4.780	7.400	4.730	1.970	0.714	4.899	Jun 06	32.30	3.079	0.388	2000
2001	0.411	0.289	0.215	0.731	7.070	12.800	9.620	4.430	3.520	2.450	3.670	1.390	3.898	Jul 18	50.50	2.416	0.199	2001
2002	0.923	0.589	0.361	0.793	9.850	21.900	6.390	5.120	10.500	8.160	1.710	1.010	5.616	Jun 17	55.00	2.143	0.322	2002
2003	0.747	0.574	0.617	2.670	10.500	12.500	6.910	2.850	5.200	7.810	1.890	1.170	4.473	Oct 18	36.10	1.999	0.506	2003
2004	0.584	0.444	0.498	3.780	11.900	11.500	4.740	2.270	6.000	3.610	5.700	1.540	4.376	Jun 06	44.70	1.139	0.396	2004
2005	1.460	1.400	1.280	2.580	11.100	10.200	7.300	4.170	6.340	6.830	2.290	1.300	4.707	Sep 29	41.50	2.444	0.611	2005
2006	0.820	0.585	0.462	3.400	12.200	8.720	3.710	1.840	1.040	1.330	2.230	1.300	3.150	May 23	27.90	0.772	0.421	2006
2007	1.000	1.030	1.530	2.500	13.300	22.400	9.950	2.990	6.190	7.760	2.700	0.688	6.017	Jun 03	55.90	2.130	0.608	2007
2008	0.499	0.331	0.288	13.100	21.200	14.600	8.120	6.970	4.030	2.320	2.760	1.020	6.277	May 17	40.70	2.224	0.279	2008
2009	0.480	0.367	0.328	0.342			10.300	2.680	3.350	2.640	2.430	1.140				1.584	0.326	2009
2010	0.661	0.487	0.416	3.330	8.920	10.200	4.720	2.180	4.110	3.840	2.390	1.080	3.537	May 19	27.10	1.236	0.398	2010
2011	0.719	0.408	0.267	0.569	14.400	15.900	11.600	5.100	5.310	3.050	1.320	0.868	4.988	Jul 09	41.80		0.248	2011
Avg.	0.739	0.552	0.647	3.303	12.532	14.172	7.792	3.751	4.501	4.357	2.435	1.126	4.667	4.67		41.07	1.88	0.398	m^3/s
S. D.	0.409	0.262	0.497	2.471	3.394	4.482	2.907	1.470	2.456	1.940	1.042	0.783	0.823			10.28	0.72	0.126	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.771	0.587	0.696	3.482	12.765	14.018	7.527	3.630	4.442	4.414	2.408	1.008	4.681	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	20	14	18	88	332	353	196	94	112	115	61	26	1436	mm	10-Year	54.9	0.892	0.251	m^3/s







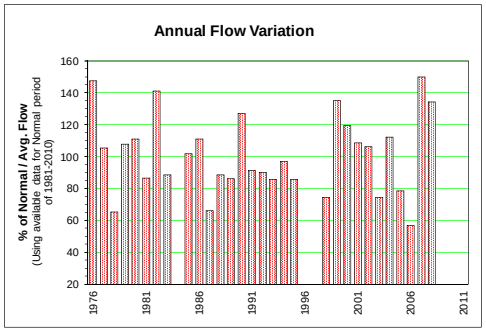


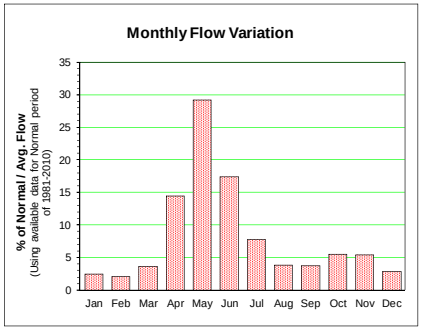
WILLOW RIVER ABOVE HAY CREEK 08KD006

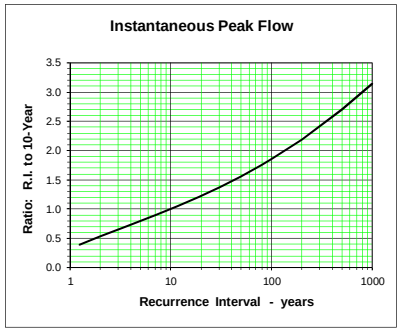
Station Longitude Latitude: -122.374016 54.045837

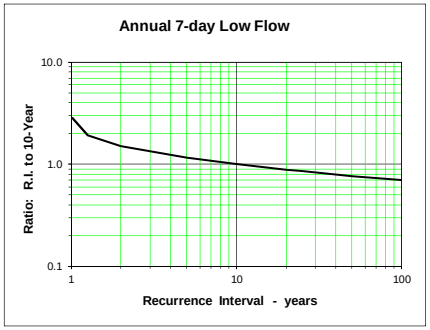
Monthly and Annual Discharge in m^3/s | Drainage Area = 2864.06 km^2 | Median Elevation = 1071 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	13.20	11.90	12.40	36.30	210.00	149.00	61.50	57.80	35.90	21.90	19.70	15.90	53.95	May 12	380.87	22.70	11.20	1976
1977	15.50	17.90	17.20	76.80	116.00	77.50	54.40	19.30	22.70	22.30	14.40	8.47	38.61	Apr 27	257.00	10.48	7.84	1977
1978	6.97	6.38	8.02	53.40	71.00	46.10	15.70	12.50	19.60	19.90	17.10	10.30	23.95	Apr 28	100.00	5.60	5.60	1978
1979	6.56	5.23	11.40	41.60	210.00	125.00	33.60	8.84	6.03	10.80	7.49	4.91	39.51	May 06	439.00	5.16	4.40	1979
1980	4.01	3.64	4.53	62.80	89.20	48.20	46.70	28.30	48.30	34.50	47.20	69.80	40.68	Dec 17	180.00	22.31	3.50	1980
1981	38.40	17.50	20.00	42.90	103.00	84.70	24.00	10.20	7.72	8.66	13.50	8.42	31.64	May 31	190.00	6.91	6.91	1981
1982	5.49	6.47	7.97	14.40	220.00	124.00	65.60	47.90	52.30	40.00	19.50	11.40	51.61	May 19	611.00	23.63	5.02	1982
1983	8.79	10.00	16.20	43.30	77.70	84.60	67.50	20.30	10.80	12.20	24.70	12.40	32.47	Jun 21	150.63	9.62	7.85	1983
1984	9.24	10.70	16.00	58.10													8.48	1984
1985	13.00	11.60	10.30	35.40	159.00	92.30	22.10	8.11	19.70	47.50	18.10	8.42	37.29	May 25	272.00	7.06	7.06	1985
1986	8.86	8.57	34.20	81.50	113.00	127.00	40.40	12.90	9.35	19.60	19.80	11.80	40.64	Jun 01	237.77	8.19	7.27	1986
1987	10.00	17.10	31.40	49.40	93.10	35.00	12.90	16.40	7.22	5.31	7.89	4.85	24.27	May 02	215.18	5.77	3.93	1987
1988	3.75	5.30	8.00	90.70	132.00	54.70	21.10	20.80	11.50	10.40	19.00	11.90	32.45	Apr 23	219.00	8.35	3.21	1988
1989	8.24	7.43	7.47	59.60	113.00	42.40	22.40	25.40	14.00	13.40	40.70	23.30	31.56	May 01	175.00	12.04	7.32	1989
1990	21.30	12.10	12.50	107.00	140.00	157.00	42.50	8.81	6.82	15.10	19.70	15.40	46.52	Jun 13	398.08	6.00	5.95	1990
1991	11.90	14.80	15.80	54.30	125.00	78.30	36.30	12.70	9.19	12.10	14.50	15.00	33.41	May 21	208.73	8.33	7.48	1991
1992	17.30	20.10	50.30	77.80	74.40	37.30	8.53	5.60	15.70	34.50	39.50	16.10	33.06	May 01	133.41	4.98	4.98	1992
1993	8.21	7.45	11.00	73.60	115.00	58.10	37.20	15.90	8.94	9.83	18.50	11.20	31.35	May 16	178.00	8.16	6.18	1993
1994	13.10	12.90	28.90	116.00	109.00	50.40	46.20	9.03	7.10	13.20	10.40	9.10	35.51	Apr 22	244.00	6.52	6.52	1994
1995	7.82	7.91	12.50	56.70	99.50	38.30	27.90	47.90	15.80	29.20	20.10	12.00	31.48	May 15	166.00	10.71	7.34	1995
1996																		1996
1997																		1997
1998	7.78	8.98	16.70	60.10	83.00	19.90	27.00	7.50	5.78	49.20	25.60	14.10	27.28	Apr 25	181.00	5.02	5.02	1998
1999	13.10	11.20	11.50	102.00	174.00	132.00	56.10	20.90	19.80	20.80	17.40	13.50	49.47	Apr 26	335.00	15.40	10.53	1999
2000	11.10	9.46	9.36	59.70	111.00	104.00	79.90	16.70	40.10	33.40	40.60	10.30	43.80	Jul 03	204.00	12.41	8.72	2000
2001	8.73	7.79	8.66	48.40	116.00	92.30	63.70	41.10	17.80	27.40	31.50	11.90	39.78	Apr 28	171.00	13.01	7.36	2001
2002	7.72	7.57	6.84	21.30	180.00	125.00	26.70	9.78	16.80	33.20	18.30	11.00	38.87	Jun 06	277.00	8.21	6.66	2002
2003	6.60	5.78	9.66	97.00	65.40	39.80	16.40	6.63	11.20	40.80	19.30	8.56	27.28	Apr 25	219.48	5.34	4.72	2003
2004	6.22	5.80	15.90	84.20	110.00	66.10	21.10	9.82	55.50	38.40	60.00	21.10	41.10	May 05	172.00	7.56	5.25	2004
2005	11.50	10.60	13.50	64.80	84.90	35.60	32.10	13.00	13.50	34.40	18.80	11.80	28.81	May 16	158.00	9.55	7.38	2005
2006	9.82	9.74	7.85	39.40	79.00	37.80	11.50	6.82	7.48	11.60	16.30	13.20	20.92	May 24	139.00	4.31	4.31	2006
2007	11.80	11.80	30.70	114.00	199.00	115.00	30.60	14.80	18.00	45.10	54.10	12.60	54.92	May 09	397.01	13.67	9.59	2007
2008	7.91	6.95	7.40	23.40	273.00	112.00	24.00	28.30	29.80	20.00	37.60	16.90	49.15	May 22	559.00	13.63	6.92	2008
2009	10.30	9.83	10.10					6.98	6.12	7.10	13.50	9.34					5.44	2009
2010	8.51	8.52	9.61				13.90	5.36	12.00	14.90	16.80	11.30					4.85	2010
2011																		2011
Avg.	10.69	9.97	14.97	62.77	128.17	79.65	35.15	18.01	18.20	23.65	23.80	13.95	37.04	37.05		252.27	10.02	6.51	m^3/s
S. D.	6.19	3.98	9.82	26.91	52.13	39.43	18.96	13.52	13.85	13.00	13.15	10.91	9.03			124.27	5.28	1.92	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10.95	10.14	15.73	64.42	125.96	77.74	33.76	16.65	16.67	23.97	24.28	12.48	36.58	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	9	15	58	118	70	32	16	15	22	22	12	403	mm	10-Year	406.4	5.087	4.204	m^3/s









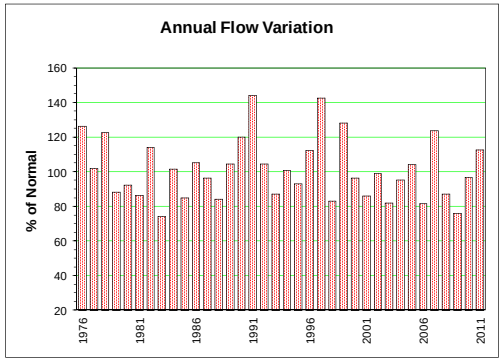
Zone 13 Upper Fraser Basin

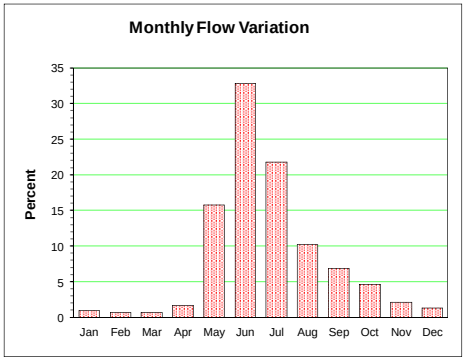
MIETTE RIVER NEAR JASPER 07AA001

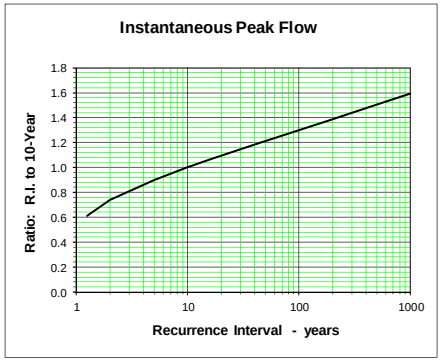
Station Longitude Latitude: -118.107200 52.864120

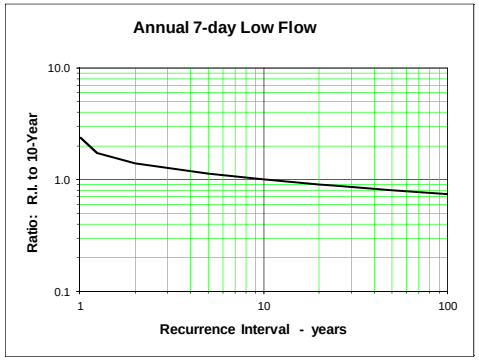
Monthly and Annual Discharge in m^3/s | Drainage Area = 644.69 km^2 | Median Elevation = 1955 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	1.38	1.17	1.11	2.21	23.60	34.90	39.50	26.60	13.30	6.33	2.13	1.65	12.9		Jun 19	72.80	7.53	0.662	1976
1977	1.14	0.88	0.61	2.14	13.90	38.40	30.40	14.90	12.80	5.39	2.35	1.36	10.4		Jun 08	80.70	9.23	0.569	1977
1978	0.85	0.49	0.83	1.72	12.20	47.50	31.70	13.60	25.40	10.10	3.41	2.03	12.5		Jun 05	87.80	10.74	0.463	1978
1979	0.51	0.71	0.62	1.12	10.90	43.40	28.90	10.30	5.67	3.45	0.96	1.02	9.0		Jun 04	83.90	4.51	0.406	1979
1980	0.55	0.51	0.52	4.12	23.80	32.90	16.60	11.10	9.67	6.47	3.21	3.41	9.4		Jun 04	49.40	6.87	0.424	1980
1981	2.01	0.85	0.88	1.40	23.90	25.80	24.60	11.70	7.37	3.13	1.93	1.60	8.8		May 26	69.30	4.04	0.723	1981
1982	0.89	0.73	0.65	0.85	9.90	54.80	34.80	14.90	11.90	6.29	2.01	1.58	11.6		Jun 15	86.30	6.79	0.587	1982
1983	1.19	0.84	0.88	1.55	15.40	27.20	19.10	8.58	6.97	3.86	3.72	1.34	7.6		May 31	68.70	5.35	0.771	1983
1984	0.96	0.88	0.84	1.67	5.16	44.80	30.60	12.00	16.70	7.34	2.20	1.29	10.4		Jun 29	123.00	7.51	0.678	1984
1985	0.99	0.86	0.75	1.37	23.60	32.30	19.90	8.59	8.12	4.06	1.99	1.05	8.7		May 25	79.40	5.99	0.637	1985
1986	0.72	0.62	0.74	1.19	20.70	52.60	27.70	10.50	6.04	4.21	2.08	1.26	10.7		May 31	116.00	3.73	0.546	1986
1987	0.91	0.56	0.95	2.07	26.70	40.20	15.50	17.50	6.49	3.27	2.16	1.15	9.8		Jun 13	77.20	4.63	0.371	1987
1988	0.75	0.79	0.75	4.26	21.20	33.50	15.20	12.20	5.91	4.23	2.78	1.44	8.6		Jun 08	68.00	4.20	0.532	1988
1989	1.10	0.89	0.84	1.60	16.50	46.60	23.90	17.20	7.49	5.83	3.48	2.16	10.7		Jun 06	74.20	6.17	0.625	1989
1990	1.64	1.26	1.02	3.73	21.90	53.10	33.10	12.50	7.25	5.00	3.61	2.19	12.2		Jun 24	84.20	5.34	0.940	1990
1991	1.12	0.98	0.92	3.66	28.10	50.30	43.40	25.80	11.30	4.85	2.92	1.73	14.7		Jun 12	94.20	6.63	0.687	1991
1992	1.21	1.19	1.40	4.71	28.50	45.20	15.00	7.17	9.32	9.08	3.46	1.61	10.7		Jun 02	71.20	5.24	1.039	1992
1993	0.95	0.66	0.75	1.25	33.40	25.50	15.80	12.90	7.55	3.52	1.84	1.57	8.9		May 15	86.29	5.25	0.482	1993
1994	1.25	0.85	0.95	3.95	27.90	41.10	23.60	10.10	4.89	5.09	1.84	1.37	10.3		Jun 07	58.20	4.06	0.595	1994
1995	0.96	0.99	0.84	1.08	17.90	36.30	23.80	18.90	5.17	3.22	2.21	1.89	9.5		May 30	65.40	3.48	0.674	1995
1996	1.14	0.91	1.02	2.82	12.20	47.30	42.10	14.50	6.86	4.60	2.14	1.46	11.4		Jul 04	83.10	4.82	0.747	1996
1997	1.19	1.04	1.02	1.27	19.80	54.50	39.90	17.50	14.30	16.40	4.58	1.96	14.5		Jun 01	78.80	11.05	0.717	1997
1998	1.51	1.20	1.07	1.90	30.90	20.30	20.30	8.78	5.26	5.08	2.62	1.93	8.5		May 27	46.80	4.36	1.003	1998
1999	1.34	1.28	1.35	2.66	12.90	49.60	45.20	20.90	9.36	5.30	3.89	2.33	13.1		Jun 18	103.00	6.64	0.990	1999
2000	1.39	1.17	0.94	1.23	8.13	41.10	34.80	11.60	9.20	4.72	2.26	1.43	9.8		Jul 01	64.80	5.89	0.856	2000
2001	0.98	0.67	0.71	1.22	15.00	29.50	29.30	13.40	6.27	3.81	2.35	1.58	8.8		Jul 18	72.20	5.01	0.630	2001
2002	1.17	0.76	0.65	1.14	8.71	56.80	24.80	8.82	8.43	5.73	2.58	1.24	10.1		Jun 16	92.90	6.18	0.620	2002
2003	0.78	0.81	0.76	2.31	14.50	42.30	17.40	6.68	3.82	7.10	2.19	1.61	8.4		Jun 10	71.20	3.41	0.612	2003
2004	0.83	0.71	0.74	2.16	13.70	37.90	22.10	9.44	15.40	8.04	3.61	1.89	9.7		Jun 11	75.30	8.28	0.639	2004
2005	1.80	1.44	1.12	3.78	23.50	33.30	18.70	12.00	16.40	9.17	4.08	1.79	10.6		Jun 02	68.20	8.79	0.979	2005
2006	1.46	1.19	0.85	2.05	25.10	32.90	16.60	8.81	5.08	2.70	1.68	1.18	8.3		May 24	65.60	4.15	0.762	2006
2007	1.18	0.97	1.08	2.20	19.80	57.30	40.80	9.59	6.51	6.46	3.25	1.77	12.6		Jun 06	138.00	4.29	0.779	2007
2008	1.09	0.82	0.82	0.95	20.90	36.50	20.80	9.41	7.55	4.52	2.35	0.92	8.9		Jun 04	61.20	6.07	0.721	2008
2009	0.88	0.79	0.63	1.06	10.20	38.50	22.80	7.73	4.65	2.33	1.94	1.42	7.8		Jun 05	60.70	3.59	0.554	2009
2010	0.92	0.78	0.87	2.75	13.40	35.50	24.10	10.30	15.20	9.52	2.89	1.70	9.9		Sep 28	84.30	7.20	0.725	2010
2011	1.05	0.97	0.80	0.91	18.00	46.90	31.10	15.70	7.78	9.21	2.59	1.93	11.5		Jun 30	72.80	5.74	0.762	2011
Avg.	1.10	0.90	0.87	2.11	18.7	40.7	26.78	12.84	9.21	5.82	2.65	1.63	10.31	10.46		79	5.91	0.68	m^3/s
S. D.	0.32	0.23	0.20	1.10	7.05	9.55	8.91	4.75	4.52	2.75	0.80	0.46	1.80			18.79	1.94	0.17	m^3/s
Normal	1.14	0.92	0.89	2.13	18.98	40.75	26.19	12.33	8.56	5.62	2.69	1.58	10.18	m^3/s					
Normal	5	3	4	9	79	164	109	51	34	23	11	7	498	mm	10-Year	105.56	3.83	0.48	m^3/s







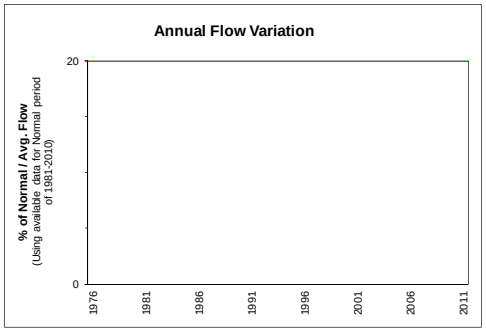


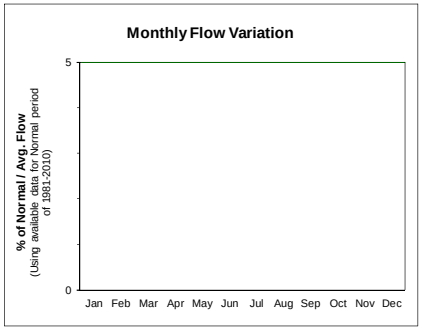
WHIRLPOOL RIVER NEAR THE MOUTH 07AA009

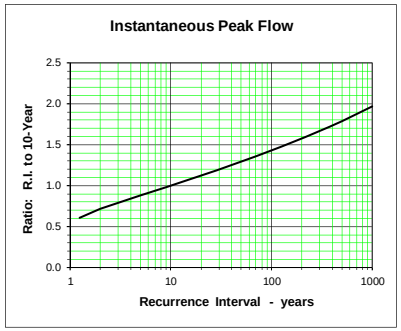
Station Longitude Latitude: -117.924700 52.724720

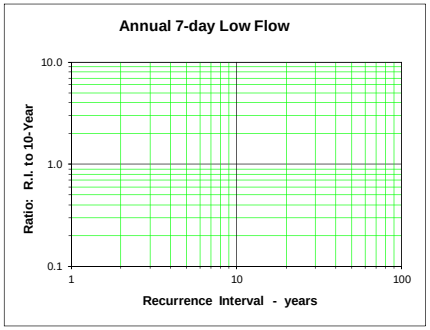
Monthly and Annual Discharge in m^3/s | Drainage Area = 602.03 km^2 | Median Elevation = 2037 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976					17.20	29.60	57.00	51.40	28.40	10.30				Jul 09	74.80	13.99		1976
1977					10.50	42.20	38.70	39.00	16.10	5.52				Jun 08	81.30	9.99		1977
1978					10.80	53.70	60.80	38.10	40.00	13.30				Sep 03	108.00	13.51		1978
1979						39.10	49.00	35.90	21.20	8.56				Jul 21	72.20	15.79		1979
1980					25.90	39.00	37.20	29.10	16.80	10.70				Jun 17	69.40	12.74		1980
1981					20.50	28.90	47.00	45.00	21.00	5.28				Jul 05	68.90	9.71		1981
1982					5.13	55.90	54.50	37.60	29.90	9.92				Jun 22	101.00	10.20		1982
1983					13.50	37.90	43.90	37.00	17.00	7.92				Jul 12	84.20	10.79		1983
1984					4.84	50.40	43.70	41.20	23.60	9.82				Jun 29	169.00	12.01		1984
1985					19.30	34.40	45.40	29.00	12.60	5.32				Jun 30	70.20	8.17		1985
1986					18.10	56.10	49.30	36.60	15.70	6.74				May 31	107.00	7.37		1986
1987					20.70	55.80	43.50	31.90	19.30	6.78				Jun 13	109.00	14.33		1987
1988					17.30	45.20	36.70	37.70	18.20	9.35				Jun 08	83.00	8.09		1988
1989					12.90	47.00	45.10	44.30	14.30					Jun 15	85.60	12.44		1989
1990					15.40	52.00	61.10	43.40	20.40	8.31				Jul 13	106.00	16.46		1990
1991					20.20	48.70	64.30	56.80	21.60					Aug 10	120.00	13.59		1991
1992					18.70	55.50	38.70	31.70	15.60					Jun 13	76.70	11.46		1992
1993					23.20	36.20	32.80	35.30	16.60					Jun 19	66.23	8.33		1993
1994					25.20	41.30	50.10	35.30	18.70					Jul 02	69.60	15.39		1994
1995					14.70	47.10	47.30	33.00	18.30					Aug 06	78.50	11.81		1995
1996					10.10	41.50	57.40	35.80	17.40					Jul 04	112.00	10.71		1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
2001																		2001
2002																		2002
2003																		2003
2004																		2004
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.					16.21	44.64	47.79	38.34	20.13	8.42					91.08	11.76	#DIV/0!	m^3/s
S. D.					5.95	8.61	8.77	6.89	6.21	2.34					24.73	2.65	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)					16.24	45.87	47.55	38.23	18.76	7.72			m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)					72	197	212	170	81	34			mm	10-Year	120.4	7.978	0.000	m^3/s







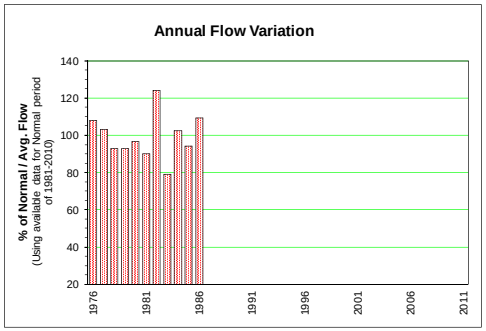


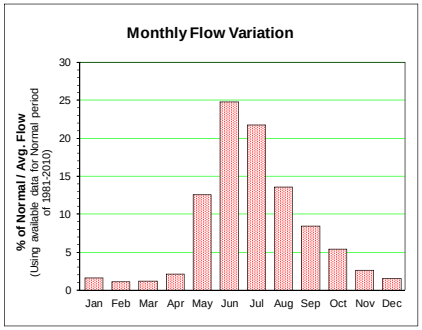
SMOKY RIVER ABOVE HELLS CREEK 07GA001

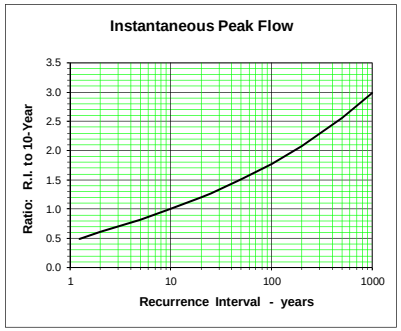
Station Longitude Latitude: -119.161100 53.946510

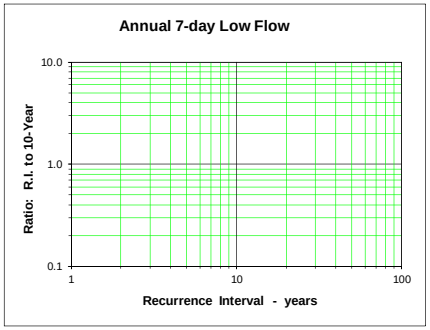
Monthly and Annual Discharge in m^3/s | Drainage Area = 3759.97 km^2 | Median Elevation = 1853 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	12.50	13.50	12.00	28.60	140.00	184.00	228.00	199.00	115.00	52.00	25.10	21.40	86.30	Jun 21	385.00	81.49		1976
1977	15.30	13.40	10.30	27.30	112.00	259.00	231.00	158.00	74.30	42.30	22.80	19.70	82.53	Jun 09	515.00	58.29		1977
1978	13.80	10.20	11.90	19.80	72.60	222.00	213.00	107.00	91.90	67.90	35.40	21.80	74.26	Jul 12	459.00	74.03		1978
1979	14.70	11.00	12.40	13.10	79.20	268.00	239.00	121.00	67.30	37.70	14.90	10.10	74.37	Jun 05	424.00	52.44		1979
1980	10.00	9.33	9.07	34.10	136.00	257.00	153.00	114.00	85.60	60.80	26.80	31.60	77.39	Jun 05	520.00	76.00		1980
1981	24.20	12.70	13.80	19.40	168.00	157.00	191.00	139.00	69.00	28.50	25.10	11.80	72.15	May 27	426.00	36.76		1981
1982	11.40	11.10	9.07	12.90	88.20	352.00	301.00	177.00	128.00	56.90	23.20	15.40	99.24	Jun 16	558.00	82.23		1982
1983	13.90	11.20	11.30	19.40	91.80	165.00	174.00	109.00	71.70	41.00	34.20	14.10	63.37	Jul 15	281.98	54.46		1983
1984	14.80	13.00	11.20	19.10	49.60	263.00	232.00	136.00	116.00	82.70	29.20	15.50	81.94	Jun 15	442.00	85.49		1984
1985	12.80	13.00	15.80	15.80	129.00	241.00	216.00	103.00	76.20	43.10	20.90	14.60	75.46	Jul 01	420.81	66.83		1985
1986	13.40	9.83	13.20	13.90	138.00	326.00	267.00	110.00	64.50	48.80	23.50	17.30	87.54	May 30	617.00	35.71		1986
1987	16.00	12.70	10.80	18.20	144.00	252.00	155.00	157.00	72.10	34.10				Jun 14	459.00	57.04		1987
1988			10.80	29.30	124.00	194.00	130.00	110.00	58.70	40.20				Jun 09	279.00	31.56		1988
1989			9.51	15.80	127.00	294.00	201.00	196.00	80.80	44.40				Jun 07	468.00	63.53		1989
1990			13.10	26.30	149.00	339.00	230.00	127.00	80.10	38.00				Jun 01	563.00	68.79		1990
1991			10.60	29.50	163.00	252.00	251.00	185.00	85.10	43.10				Aug 15	394.00	59.67		1991
1992			18.70	37.60	124.00	243.00	132.00	99.90	88.60	66.90				Jun 03	365.00	77.14		1992
1993			10.80	15.90	161.00	135.00	113.00	106.00	64.20	30.60				May 15	444.67	37.37		1993
1994			11.30	34.30	157.00	239.00	208.00	115.00	62.70	45.70				Jun 09	351.00	55.59		1994
1995			12.40	14.10	123.00	219.00	155.00	121.00	66.50	31.60				May 31	381.00	47.54		1995
1996			10.50	28.60	68.60	225.00	219.00	126.00	70.80	51.30				Jul 05	359.00	46.24		1996
1997			11.20	15.50	135.00	286.00	302.00	140.00	89.60	78.20				Jul 14	1012.00	85.27		1997
1998			11.30	18.70	155.00	139.00	191.00	126.00	64.50	43.60				Jul 01	291.00	45.10		1998
1999			11.80	24.70	105.00	243.00	251.00	164.00	74.60	45.20				Jun 17	459.00	57.50		1999
2000			10.30	13.00	52.30	212.00	243.00	116.00	109.00	54.20				Jul 25	384.00	74.00		2000
2001			10.40	16.10	73.50	156.00	244.00	117.00	60.70	30.50				Jul 19	811.00	50.24		2001
2002			9.42	11.40	53.60	295.00	169.00	107.00	103.00	70.30				Jun 19	499.00	77.71		2002
2003			11.00	21.70	109.00	249.00	181.00	122.00	75.30	70.30				May 27	421.00	57.84		2003
2004			11.60	22.20	91.20	276.00	203.00	181.00	153.00	83.10				Jun 07	496.00	95.27		2004
2005			18.60	39.60	173.00	267.00	175.00	112.00	93.40	71.50				Jun 02	455.00	81.03		2005
2006			14.30	18.90	129.00	168.00	141.00	97.80	65.40	38.90				May 25	323.00	48.30		2006
2007			8.21	23.30	150.00	357.00	246.00	105.00	70.00	53.80				Jun 07	904.00	47.59		2007
2008			11.80	11.50	151.00	221.00	186.00	108.00	68.40	44.60				Jun 05	432.00	58.73		2008
2009			10.00	16.90	87.30	300.00	287.00	116.00	82.20	33.20				Jul 09	571.00	64.74		2009
2010			11.50	25.60	81.60	186.00	165.00	104.00	106.00	93.60				Sep 29	447.00	64.09		2010
2011																		2011
Avg.	14.40	11.75	11.71	21.49	116.90	241.17	206.37	129.48	82.98	51.39	25.55	17.57	79.51		474.78	61.59	#DIV/0!	m^3/s
S. D.	3.51	1.48	2.31	7.63	35.93	58.33	48.34	29.10	21.37	17.04	5.83	5.94	9.51		158.67	16.10	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	15.21	11.93	11.81	20.97	118.39	241.70	205.30	127.76	82.34	51.26	26.02	14.78	79.95	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	11	8	8	14	84	167	146	91	57	37	18	11	671	mm	10-Year	726.0	40.937	0.000	m^3/s







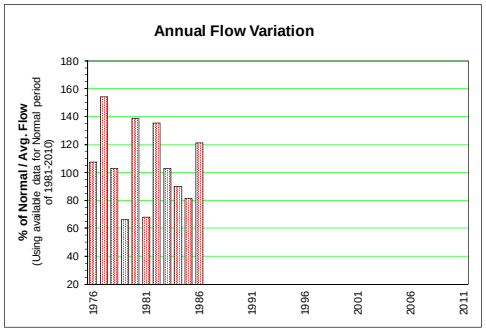


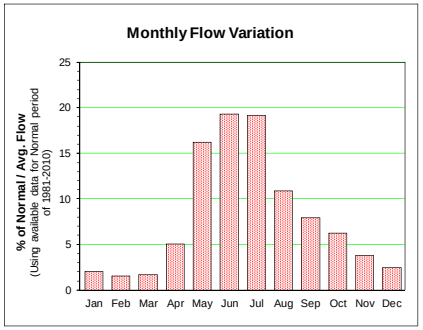
MUSKEG RIVER NEAR GRANDE CACHE 07GA002

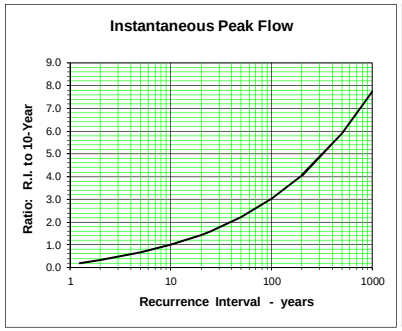
Station Longitude Latitude: -118.816400 53.926200

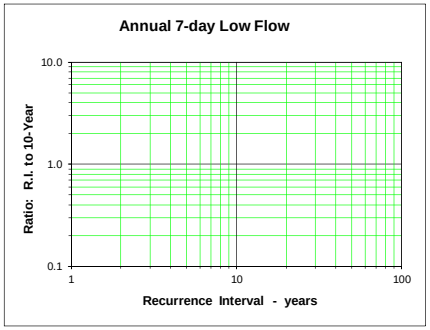
Monthly and Annual Discharge in m^3/s | Drainage Area = 722.87 km^2 | Median Elevation = 1490 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	1.17	1.09	1.01	3.99	17.60	11.60	7.83	14.60	7.43	3.92	2.18	1.75	6.21	Aug 17	41.90	4.51		1976
1977	1.40	1.22	1.07	3.07	25.00	21.10	17.70	14.40	9.95	6.82	2.40	1.82	8.89	May 11	58.40	7.62		1977
1978	1.10	0.96	0.99	3.83	8.56	15.60	13.90	5.87	8.87	5.61	3.48	2.31	5.94	Jul 11	53.50	4.65		1978
1979	1.14	0.98	1.34	3.87	12.00	10.60	6.16	3.42	2.27	2.03	1.07	0.80	3.82	May 27	32.40	1.87		1979
1980	0.98	0.84	0.83	4.82	7.93	42.10	11.90	7.80	8.73	5.02	3.03	2.53	8.01	Jun 04	200.00	5.57		1980
1981	1.96	1.36	1.05	2.22	10.40	9.08	6.60	5.72	3.17	2.36	1.95	0.97	3.92	Jul 30	21.80	2.70		1981
1982	0.62	0.90	0.79	1.15	14.80	14.40	23.60	16.10	9.25	6.65	2.87	1.82	7.81	Jul 15	65.90	7.28		1982
1983	1.52	1.60	1.48	3.44	6.28	11.10	24.60	8.02	5.29	3.45	2.73	1.29	5.94	Jul 26	87.90	4.02		1983
1984	1.22	1.21	1.25	3.22	8.72	15.90	6.32	3.44	6.32	10.10	3.05	1.76	5.21	Jun 09	32.40	2.54		1984
1985	1.32	0.59	0.56	2.95	8.62	7.50	6.55	4.95	10.90	7.53	2.26	2.47	4.70	Sep 13	22.40	2.78		1985
1986	1.43	1.19	0.88	2.44	16.00	15.40	20.40	6.76	5.27	8.42	3.10	1.91	6.99	Jul 18	73.20	3.66		1986
1987	1.74	1.39	1.15	2.01	8.80	6.83	5.43	23.00	4.80	3.22				Aug 02	126.00	3.85		1987
1988			1.13	2.10	3.14	6.07	4.31	2.43	1.61	1.54				Jun 12	16.40	1.59		1988
1989			0.69	3.51	14.30	16.00	21.50	31.10	12.60	5.94				Aug 03	76.90	8.49		1989
1990			1.25	3.54														1990
1991			1.14	4.53	18.80	15.20	12.80	10.00	4.77	3.02				Jul 07	30.90	3.64		1991
1992			2.71	5.55	10.30	9.14	3.71	2.72	3.31	3.10				Jun 02	17.00	2.07		1992
1993			1.70	5.37	7.41	7.39	12.90	5.59	5.35	3.12				Jul 17	20.80	3.76		1993
1994			0.93	5.65	10.10	12.20	9.61	6.34	3.30	2.93				Jul 05	21.60	2.56		1994
1995			1.17	3.05	11.20	16.10	10.20	10.00	4.40	2.61				Jun 21	47.90	3.24		1995
1996			1.28	4.73	15.90	22.50	7.63	4.43	2.75	1.88				May 31	108.00	2.18		1996
1997			0.75	2.62	12.40	22.60	39.90							Jul 13	312.00	6.45		1997
1998			1.12	2.51	7.47	12.00	15.50	4.61	2.84	3.67				Jul 01	59.20	2.47		1998
1999			1.14	5.67	19.00	14.70	21.50	7.18	3.95	2.64				Jul 04	48.60	2.95		1999
2000			0.76	2.85	8.10	17.40	19.30	6.42	11.70	5.91				Jun 11	46.10	4.60		2000
2001			1.09	1.48	5.47	7.75	28.70	8.90	3.04	1.79				Jul 18	95.30	2.42		2001
2002			0.80	2.28	8.55	11.60	3.33	3.18	3.74	4.87				May 30	19.20	1.77		2002
2003			1.05	9.92	13.70	14.60	8.00	3.61	2.48	1.99				Apr 25	38.70	2.22		2003
2004			1.68	2.52	9.66	25.00	13.80	6.09	11.20	5.16				Jun 06	59.70	4.09		2004
2005			2.02	5.28	11.90	22.10	12.70	7.91	12.70	8.18				Jun 28	39.80	4.94		2005
2006			1.10	3.64	5.14	6.79	4.01	3.99	5.15	4.98				Jun 10	14.20	2.15		2006
2007			1.49	5.16	20.70	21.10	5.97	4.29	2.87	2.32				Jun 06	49.10	2.44		2007
2008			1.35	1.54	19.50	15.30	4.76	2.51	2.42	1.85				May 18	47.40	2.08		2008
2009			0.64	3.15	8.69	9.93	19.30	4.14	2.19	2.10				Jul 09	76.90	1.79		2009
2010			1.05	2.44	5.35	8.04	5.65	3.48	8.80	7.61				Sep 29	23.70	2.60		2010
2011			0.75	2.04	11.00	28.60	24.70	6.74	3.18	2.11				Jun 18	94.30	2.56		2011
Avg.	1.30	1.11	1.14	3.56	11.50	14.95	13.16	7.64	5.78	4.25	2.56	1.77	6.13		62.27	3.55	#DIV/0!	m^3/s
S. D.	0.35	0.28	0.41	1.67	5.05	7.41	8.58	6.06	3.40	2.31	0.68	0.57	1.67		57.56	1.76	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.40	1.18	1.17	3.55	11.05	13.58	13.05	7.39	5.58	4.25	2.66	1.70	5.76	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5	4	4	13	41	49	48	27	20	16	10	6	252	mm	10-Year	129.9	1.886	0.000	m^3/s









KAKWA RIVER NEAR GRANDE PRAIRIE 07GB002

Station Longitude Latitude: -118.594400 54.372220

Monthly and Annual Discharge in m^3/s | Drainage Area = 3253.62 km^2 | Median Elevation = 1396 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976							87.40	99.70	50.90	21.60				Jun 27	276.00	28.04		1976
1977					126.00	122.00	99.60	52.90	48.40	47.80				May 06	368.00	35.84		1977
1978					66.90	102.00	68.00	26.40	43.50	28.20				Jul 11	292.00	18.86		1978
1979					89.60	155.00	79.10	22.80	13.30	11.70				May 27	317.00	11.39		1979
1980					74.00	196.00	46.50	25.90	36.90	25.80				Jun 04	736.00	15.77		1980
1981					100.00	67.10	44.80	25.60	11.20	8.05				May 26	226.00	9.22		1981
1982					92.60	150.00	215.00	89.90	46.30	25.50				Jul 15	2700.00	34.09		1982
1983			3.09	14.70	62.20	93.20	128.00	31.30	16.50	12.90				Jul 15	587.00	14.06		1983
1984			5.07	15.20	43.00	117.00	53.90	20.10	47.80	53.90				Jun 07	192.00	13.81		1984
1985			4.02	12.80	82.70	100.00	49.60	24.40	55.30	32.10				May 23	184.00	17.87		1985
1986			5.21	11.30	98.60	145.00	108.00	21.80	17.10	27.30				May 29	356.00	11.23		1986
1987			4.19	21.30	99.50	97.20	44.40	99.50	18.10	10.30				Aug 02	538.00	13.21		1987
1988			3.55	16.40	61.80	71.50	34.90	14.60	8.57	10.20				May 13	137.00	6.95		1988
1989			1.63	9.23	84.90	134.00	102.00	143.00	55.50	23.30				Aug 23	330.00	29.81		1989
1990			4.06	14.20	110.00	234.00	74.70	20.30	15.80	12.10				Jun 12	1120.00	13.07		1990
1991			3.92	41.30	177.00	153.00	85.60	52.60	32.20	14.40				May 10	477.00	16.73		1991
1992			15.50	43.90	81.00	78.60	23.10	12.20	19.70	23.90				Jun 02	164.00	10.16		1992
1993			3.70	12.80	74.20	49.10	52.60	24.90	17.40	12.40				May 14	212.59	13.39		1993
1994			5.10	36.90														1994
1995																		1995
1996																		1996
1997																		1997
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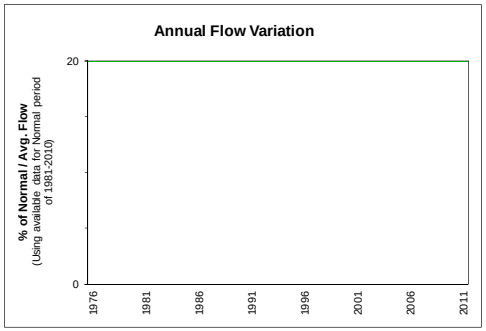
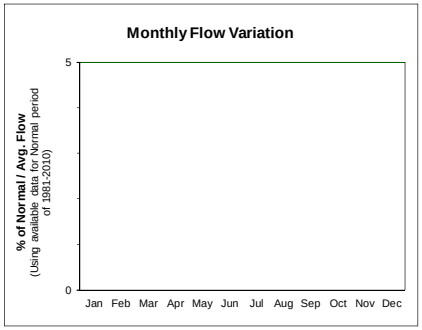
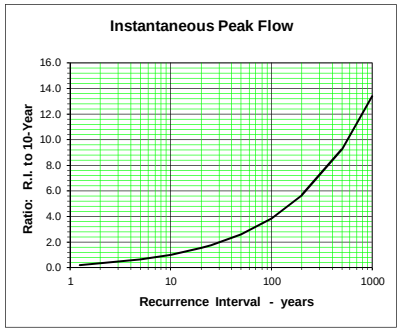
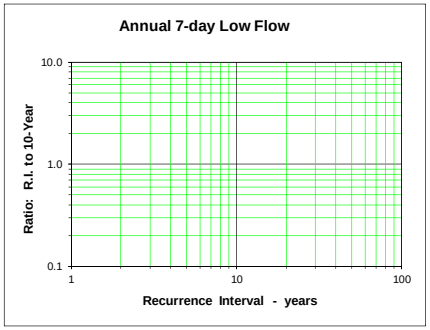
2003																		2003
2004																		2004
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	#DIV/0!	#DIV/0!	4.92	20.84	89.65	121.45	77.62	44.88	30.80	22.30	#DIV/0!	#DIV/0!	#DIV/0!		511.81	17.42	#DIV/0!	m^3/s
S. D.	#DIV/0!	#DIV/0!	3.47	12.42	30.12	47.85	44.45	37.63	17.01	12.81	#DIV/0!	#DIV/0!	#DIV/0!		597.95	8.65	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	4.92	20.84	89.81	114.59	78.20	44.63	27.81	20.49	#DIV/0!	#DIV/0!	#DIV/0!	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	4	17	74	91	64	37	22	17	#DIV/0!	#DIV/0!	#DIV/0!	mm	10-Year	990.5	8.968	0.000 m^3/s







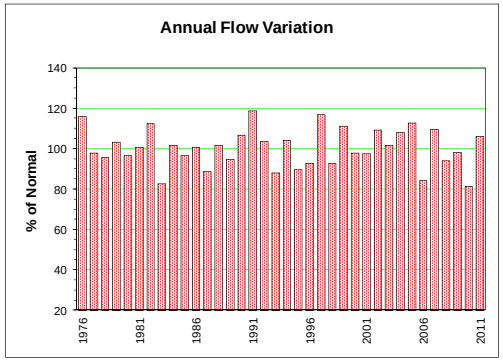


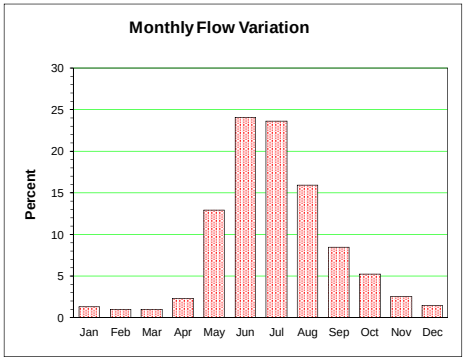
DORE RIVER NEAR MCBRIDE 08KA001

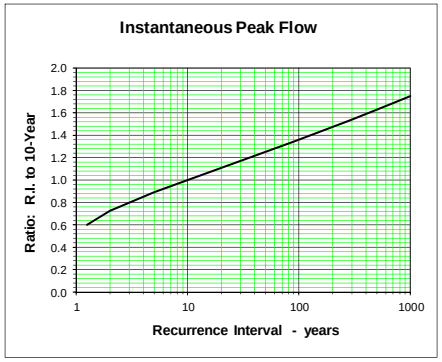
Station Longitude Latitude: -120.247107 53.310970

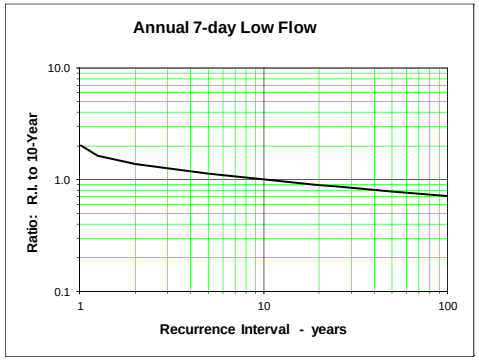
Monthly and Annual Discharge in m^3/s | Drainage Area = 408.66 km^2 | Median Elevation = 1913 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	2.20	1.75	1.63	3.03	21.40	31.40	46.60	40.80	24.90	9.69	4.14	2.62	15.92		Aug 17	99.1	14.86	1.58	1976
1977	1.93	1.83	1.97	5.03	15.10	40.80	38.80	31.20	10.70	6.33	3.86	2.70	13.43		Jul 16	88.9	8.15	1.72	1977
1978	2.06	1.36	1.10	2.53	11.70	37.60	42.40	24.80	14.20	10.80	5.19	3.20	13.15		Jun 30	77.9	8.96	1.07	1978
1979	1.93	1.50	1.43	2.34	13.90	44.20	46.30	27.70	17.00	8.12	2.82	2.05	14.18		May 26	82.1	12.29	1.43	1979
1980	1.69	1.42	1.16	4.94	23.40	34.30	29.60	21.30	16.90	11.10	4.57	8.56	13.29		Jun 26	62.8	11.79	1.01	1980
1981	5.84	3.33	2.61	2.72	27.60	26.90	38.70	29.70	15.00	4.94	5.31	2.10	13.83		Jul 03	73.8	5.65	1.92	1981
1982	1.93	1.33	0.98	1.68	13.30	55.90	45.40	27.20	23.10	8.17	3.57	2.22	15.45		Jun 21	106.0	12.99	0.86	1982
1983	2.04	1.87	1.54	3.05	16.70	28.60	30.30	24.40	12.10	6.52	5.62	2.65	11.35		Jul 13	72.3	7.52	1.40	1983
1984	2.04	1.77	1.80	2.61	7.97	40.80	41.30	29.90	18.30	15.40	3.07	2.22	13.97		Sep 17	105.0	10.47	1.72	1984
1985	1.69	1.60	1.57	2.51	25.80	38.20	40.70	24.50	11.70	6.29	2.21	1.20	13.25		May 24	71.9	9.96	1.15	1985
1986	1.60	1.53	1.38	2.39	23.00	51.10	35.70	23.00	11.30	7.32	4.30	2.72	13.84		Jun 01	115.3	4.81	1.17	1986
1987	2.26	2.28	1.77	3.84	22.20	42.90	32.70	18.50	7.40	4.67	4.26	2.73	12.18		Jun 13	121.0	3.76	1.48	1987
1988	2.15	1.47	1.24	5.76	25.60	39.80	32.10	28.70	16.50	7.96	3.65	2.40	13.99		May 13	68.8	10.48	1.20	1988
1989	1.89	1.72	1.49	2.93	19.20	42.70	32.80	29.50	10.60	5.24	4.70	2.30	12.99		Jun 14	80.0	7.29	1.31	1989
1990	1.83	0.79	0.61	4.12	23.90	52.70	41.70	27.20	11.90	4.66	3.48	2.22	14.67		May 06	102.0	9.15	0.60	1990
1991	1.46	1.59	1.51	5.03	24.20	40.00	46.40	43.10	16.90	8.84	2.78	2.40	16.30		Aug 30	128.0	11.56	1.24	1991
1992	2.22	1.93	3.10	7.93	21.50	45.50	29.00	22.70	12.60	15.40	5.30	3.28	14.23		Oct 24	93.8	5.83	1.82	1992
1993	2.18	1.83	1.79	3.12	33.30	30.50	25.30	24.10	11.90	5.39	3.13	1.44	12.08		May 04	76.0	5.32	1.26	1993
1994	1.57	1.24	2.04	8.36	28.30	40.00	39.60	20.60	15.50	7.26	3.13	3.03	14.30		Oct 01	82.9	11.52	1.04	1994
1995	1.71	1.40	1.18	2.23	19.60	34.40	36.90	23.70	15.20	4.84	3.19	2.56	12.32		Jul 26	106.6	10.54	1.07	1995
1996	2.25	1.98	2.07	5.85	11.40	33.80	39.00	26.50	13.20	9.07	4.58	2.74	12.74		Jul 04	64.2	7.32	1.89	1996
1997	1.67	1.69	1.71	2.80	25.50	40.70	47.00	30.00	15.40	15.80	6.37	2.45	16.04		Jul 11	114.0	11.03	1.51	1997
1998	1.59	1.62	1.74	3.07	31.30	30.10	35.80	23.80	11.20	5.98	3.23	2.12	12.73		Jul 30	67.3	6.57	1.48	1998
1999	2.03	1.64	1.64	4.89	17.20	42.40	49.10	37.00	12.20	8.43	4.03	1.54	15.28		Jul 29	133.0	9.10	1.34	1999
2000	1.39	2.13	1.74	2.67	13.10	36.40	42.30	25.80	20.30	8.92	4.18	1.97	13.44		Sep 17	76.8	11.97	1.08	2000
2001	1.60	1.45	1.59	2.69	15.10	33.50	45.90	31.10	14.30	5.41	4.23	2.75	13.39		Jul 18	113.0	9.52	1.40	2001
2002	1.80	1.58	1.37	1.86	14.30	55.80	40.60	21.50	19.60	13.00	5.18	2.86	15.00		Jun 26	99.6	12.67	1.29	2002
2003	2.45	1.96	1.86	4.74	18.40	41.80	36.20	25.70	13.60	12.70	4.87	2.43	13.96		May 25	72.8	7.64	1.75	2003
2004	1.84	1.57	1.42	5.51	18.10	42.30	36.30	26.40	21.00	11.70	8.12	3.52	14.84		Sep 04	83.2	12.37	1.27	2004
2005	3.65	3.45	3.09	8.12	33.40	41.60	34.70	21.80	13.30	12.60	5.95	3.44	15.50		Jul 06	81.8	10.45	1.94	2005
2006	2.17	1.83	1.57	3.13	22.20	35.00	34.50	18.00	10.70	3.95	3.03	2.16	11.58		Jun 03	67.5	5.88	1.51	2006
2007	1.75	1.59	1.64	3.65	23.80	53.20	48.60	17.90	10.30	10.60	4.72	2.20	15.07		Jun 06	100.0	6.23	1.54	2007
2008	1.92	1.44	1.31	1.58	25.60	35.20	37.50	25.40	10.20	7.27	4.68	2.45	12.94		Aug 19	81.9	7.67	1.30	2008
2009	1.70	1.48	1.36	2.19	13.70	44.50	42.20	24.10	18.00	5.30	4.06	2.68	13.50		Jun 15	83.7	11.27	1.34	2009
2010	2.09	1.75	1.67	5.00	13.80	32.40	27.70	20.30	13.30	8.87	4.24	2.28	11.16		Sep 28	98.9	7.40	1.58	2010
2011	1.80	1.42	1.12	1.71	20.80	52.20	42.90	27.00	15.00	6.65	2.21	1.41	14.59		Jun 29	153.0	9.70	1.05	2011
Avg.	2.05	1.73	1.63	3.77	20.4	40.3	38.68	26.25	14.59	8.48	4.22	2.60	13.79	14.14		92	9.16	1.37	m^3/s
S. D.	0.75	0.49	0.50	1.81	6.36	7.65	6.24	5.62	3.89	3.28	1.21	1.15	1.32			21.48	2.69	0.31	m^3/s
Normal	2.08	1.76	1.68	3.87	20.97	40.29	38.20	25.74	14.22	8.42	4.31	2.44	13.73	m^3/s					
Normal	14	11	11	25	137	256	250	169	90	55	27	16	1060	mm	10-Year	127.21	5.76	0.97	m^3/s







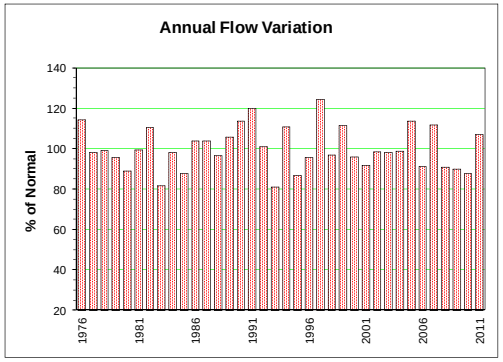


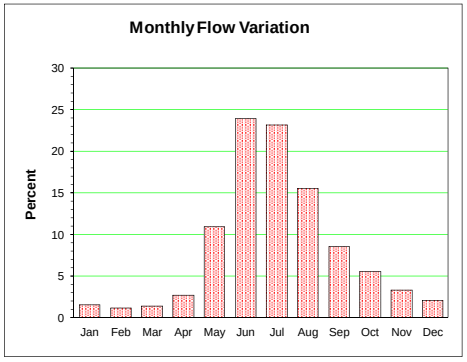
FRASER RIVER AT MCBRIDE 08KA005

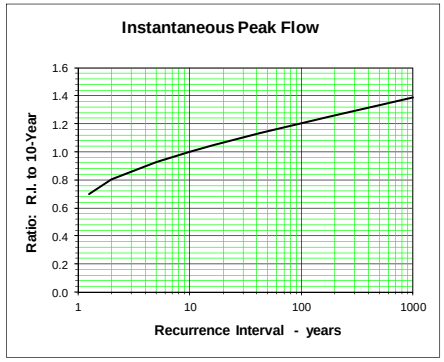
Station Longitude Latitude: -120.139886 53.301645

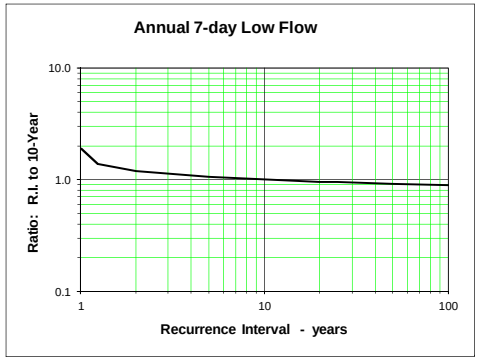
Monthly and Annual Discharge in m^3/s | Drainage Area = 6881.05 km^2 | Median Elevation = 1844 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	42.60	34.60	30.00	63.10	285.00	417.00	659.00	555.00	308.00	140.00	60.90	40.00	220.69		Aug 18	828.24	230.29	29.26	1976
1977	33.30	31.80	33.60	74.60	210.00	550.00	535.00	432.00	179.00	91.50	54.70	35.50	189.42		Jun 09	863.13	133.14	31.40	1977
1978	30.60	26.50	29.20	55.80	158.00	517.00	564.00	342.00	273.00	169.00	73.60	48.50	191.52		Jul 01	772.82	185.00	25.30	1978
1979	34.30	27.60	29.80	47.10	179.00	534.00	576.00	352.00	223.00	111.00	50.40	35.70	184.27		Jul 02	836.45	174.86	27.16	1979
1980	27.00	22.50	22.20	80.90	331.00	450.00	359.00	267.00	198.00	156.00	73.90	70.30	171.98		Jun 19	699.95	169.43	21.07	1980
1981	55.90	46.50	44.10	57.00	335.00	390.00	508.00	418.00	220.00	78.40	85.40	50.90	191.98		May 27	814.90	108.80	41.20	1981
1982	27.70	24.00	24.60	35.70	168.00	733.00	627.00	401.00	291.00	120.00	59.20	36.50	213.12		Jun 23	1139.21	182.57	22.11	1982
1983	29.60	28.20	31.20	43.60	169.00	402.00	423.00	322.00	178.00	106.00	105.00	44.20	157.60		Jun 02	650.69	130.29	27.66	1983
1984	34.20	29.90	29.50	46.60	84.50	515.00	590.00	397.00	259.00	193.00	54.90	35.80	189.66		Jul 01	1011.95	150.77	27.34	1984
1985	29.30	25.50	26.10	56.40	291.00	470.00	491.00	277.00	153.00	101.00	62.20	36.10	169.20		May 26	754.34	126.71	23.80	1985
1986	27.40	24.20	45.50	56.00	239.00	746.00	533.00	335.00	179.00	98.80	64.80	48.30	200.52		Jun 03	1159.74	97.71	22.86	1986
1987	33.30	25.70	49.70	68.40	302.00	669.00	494.00	354.00	178.00	97.60	75.00	46.50	200.33		Jun 14	1046.85	155.29	25.13	1987
1988	23.10	22.10	26.60	120.00	300.00	554.00	421.00	334.00	191.00	121.00	76.30	45.50	186.58		Jun 20	762.00	101.23	19.56	1988
1989	31.20	28.40	25.90	58.00	266.00	662.00	501.00	431.00	177.00	105.00	88.30	62.10	203.95		Jun 16	1010.00	137.71	24.93	1989
1990	39.90	30.30	31.60	73.60	282.00	731.00	615.00	390.00	197.00	94.50	78.90	59.60	219.60		Jun 25	1070.00	177.29	29.14	1990
1991	33.50	32.00	29.40	74.20	303.00	583.00	669.00	515.00	263.00	132.00	72.30	55.90	231.62		Jul 05	941.00	165.86	28.26	1991
1992	38.40	30.40	42.40	93.60	292.00	673.00	387.00	294.00	171.00	179.00	91.20	43.30	194.82		Jun 15	887.00	118.86	28.17	1992
1993	30.80	27.70	32.80	53.20	402.00	392.00	283.00	311.00	168.00	81.00	49.40	35.70	156.49		May 16	801.00	99.77	24.76	1993
1994	31.20	25.10	34.00	102.00	359.00	577.00	590.00	369.00	203.00	154.00	60.80	43.70	213.68		Jul 03	861.00	167.00	22.80	1994
1995	32.60	29.40	29.20	44.20	218.00	538.00	466.00	303.00	147.00	88.50	61.40	44.60	167.62		Jun 07	696.00	110.71	26.16	1995
1996	39.10	31.60	31.40	75.10	141.00	421.00	648.00	382.00	198.00	128.00	67.40	39.10	184.23		Jul 04	870.00	132.57	30.06	1996
1997	27.90	30.00	30.90	53.80	276.00	675.00	660.00	425.00	248.00	267.00	108.00	64.50	240.20		Jul 14	1040.00	206.14	26.47	1997
1998	38.20	29.50	32.10	53.10	432.00	421.00	486.00	352.00	190.00	94.10	59.40	39.20	186.88		May 29	721.00	119.11	25.04	1998
1999	30.90	27.00	30.40	70.60	186.00	594.00	661.00	504.00	198.00	109.00	97.70	54.20	214.81		Jun 20	1070.00	161.86	25.14	1999
2000	34.60	33.50	36.00	55.20	139.00	467.00	629.00	341.00	226.00	124.00	82.10	50.20	185.38		Jul 25	840.00	170.14	31.01	2000
2001	30.60	24.20	24.80	45.10	164.00	438.00	574.00	400.00	193.00	95.30	77.10	47.80	177.27		Jul 20	970.00	142.29	22.31	2001
2002	33.50	26.50	22.30	43.20	136.00	732.00	549.00	260.00	213.00	135.00	71.10	50.00	189.81		Jun 29	1090.00	176.86	21.04	2002
2003	38.10	28.60	32.40	85.20	210.00	594.00	463.00	329.00	173.00	163.00	96.30	51.70	189.48		Jun 15	805.00	122.00	22.34	2003
2004	30.10	28.30	33.50	83.40	193.00	510.00	451.00	331.00	269.00	166.00	113.00	78.80	190.90		Jun 25	762.00	179.14	25.94	2004
2005	63.00	51.40	50.00	102.00	393.00	622.00	484.00	314.00	197.00	177.00	106.00	63.70	219.55		Jun 02	965.00	155.86	37.47	2005
2006	51.30	40.00	29.70	60.70	324.00	524.00	459.00	264.00	166.00	75.40	57.60	46.50	175.66		Jun 04	769.00	106.73	26.96	2006
2007	32.10	29.60	33.10	68.40	267.00	743.00	681.00	278.00	179.00	130.00	88.60	48.90	215.81		Jun 08	1240.00	114.71	27.77	2007
2008	35.00	28.00	26.40	29.20	265.00	476.00	492.00	340.00	175.00	115.00	74.90	38.20	175.20		Jul 04	867.00	133.57	23.57	2008
2009	30.00	29.20	27.90	42.80	152.00	583.00	505.00	303.00	227.00	79.90	58.40	34.60	173.31		Jun 19	882.00	177.86	27.17	2009
2010	27.40	25.10	24.00	61.00	183.00	440.00	440.00	311.00	219.00	166.00	79.10	45.20	169.23		Sep 30	652.00	162.14	23.80	2010
2011	32.60	26.90	25.40	28.90	262.00	649.00	587.00	365.00	234.00	150.00	68.90	38.00	206.68		Jul 01	1040.00	174.00	25.13	2011
Avg.	34.45	29.49	31.60	62.83	247.1	555.3	529.44	358.28	207.25	127.56	75.12	47.48	193.03	195.89		894	148.84	26.37	m^3/s
S. D.	8.06	5.96	6.96	20.75	84.07	111.50	95.84	70.04	39.42	40.33	17.16	10.67	20.39			151.50	32.29	4.29	m^3/s
Normal	34.66	29.73	32.25	63.71	249.05	562.50	526.00	352.83	201.53	125.82	77.39	48.04	192.82	m^3/s					
Normal	13	11	13	24	97	212	205	137	76	49	29	19	884	mm	10-Year	1131.24	109.18	21.35	m^3/s







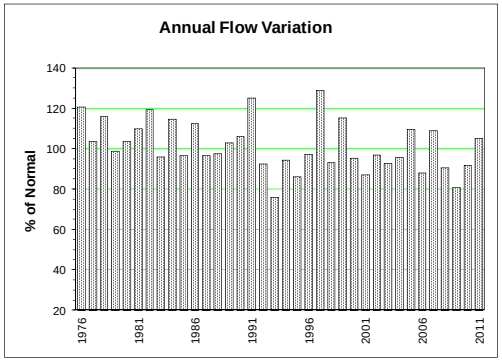


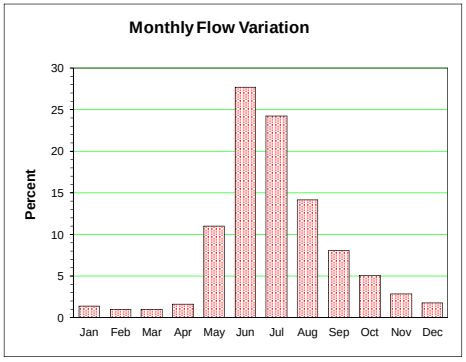
FRASER RIVER AT RED PASS 07KA007

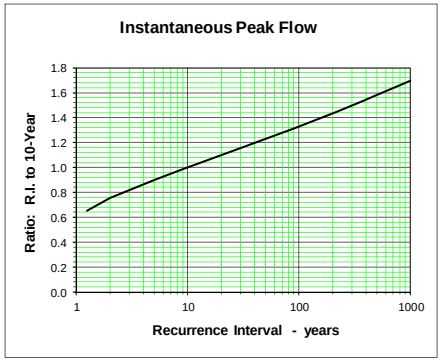
Station Longitude Latitude: -119.003729 52.985209

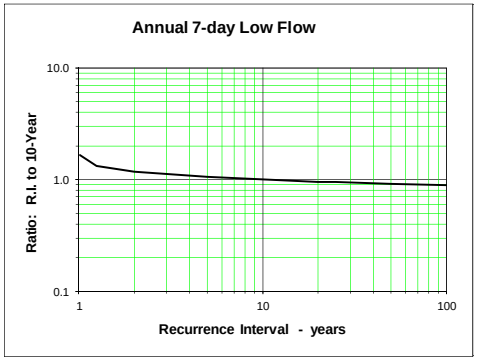
Monthly and Annual Discharge in m^3/s | Drainage Area = 1696.88 km^2 | Median Elevation = 1954 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	9.02	6.37	4.78	8.48	69.90	109.00	168.00	128.00	71.10	35.90	14.90	10.70	53.3		Jul 10	214.27	49.40	4.59	1976
1977	6.83	5.67	4.88	8.41	52.40	143.00	135.00	93.30	53.40	21.90	12.60	8.35	45.7		Jun 22	212.24	38.94	4.56	1977
1978	6.12	5.22	4.70	6.68	41.50	151.00	140.00	77.90	96.20	52.10	19.60	11.30	51.2		Jun 06	204.11	55.66	4.48	1978
1979	7.15	6.07	5.60	5.42	34.70	149.00	145.00	80.10	48.60	22.70	9.81	7.43	43.7		Jun 06	219.35	39.44	5.16	1979
1980	6.15	5.09	4.52	11.40	98.60	132.00	94.70	69.60	53.40	42.40	14.90	14.20	45.7		Jun 18	180.76	45.94	4.11	1980
1981	11.80	7.63	6.38	7.91	86.10	120.00	139.00	99.30	54.80	17.50	19.10	9.54	48.6		May 27	209.19	29.21	5.89	1981
1982	6.89	5.62	5.21	5.01	37.00	202.00	158.00	91.60	67.30	30.70	13.40	8.69	52.8		Jun 23	303.63	42.96	4.87	1982
1983	6.64	5.45	5.43	6.52	46.10	132.00	127.00	80.00	41.20	22.70	24.20	9.44	42.4		Jun 01	211.22	29.17	4.61	1983
1984	7.78	6.59	5.70	7.70	19.00	158.00	169.00	100.00	73.10	37.00	13.10	9.44	50.6		Jun 30	385.89	43.50	5.61	1984
1985	7.34	5.92	5.40	7.29	76.80	138.00	138.00	62.40	34.00	17.00	9.81	6.94	42.7		Jul 03	272.15	26.10	5.12	1985
1986	6.90	5.52	5.48	7.00	50.40	214.00	142.00	85.20	40.30	17.80	11.30	8.28	49.7		Jun 03	345.27	17.66	5.09	1986
1987	6.72	5.38	7.21	10.30	75.80	144.00	101.00	83.20	41.90	16.80	10.70	6.87	42.7		Jun 12	214.27	28.70	4.84	1987
1988	5.11	5.22	4.94	12.30	72.20	153.00	103.00	76.60	38.80	23.10	13.30	8.56	43.1		Jun 28	205.13	19.13	4.57	1988
1989	6.83	6.07	4.96	7.12	66.40	169.00	112.00	86.60	35.00	22.00	16.90	11.00	45.5		Jun 15	258.00	29.70	4.76	1989
1990	8.62	6.85	5.95	11.10	55.90	173.00	141.00	72.80	39.30	20.80	15.50	9.59	46.9		Jun 25	263.00	32.87	5.65	1990
1991	7.53	7.30	5.84	10.80	74.10	158.00	181.00	114.00	54.10	22.40	13.50	9.99	55.2		Jul 04	255.00	33.04	5.58	1991
1992	7.74	6.47	6.50	14.30	65.30	163.00	77.70	49.00	32.50	38.10	19.20	9.71	40.8		Jun 14	222.00	26.76	5.75	1992
1993	6.74	5.35	5.03	5.97	93.40	95.60	61.20	61.10	34.50	15.50	9.06	7.23	33.6		May 16	195.00	19.97	4.64	1993
1994	6.21	5.12	5.09	12.40	80.30	129.00	118.00	63.20	34.60	25.10	11.00	8.27	41.8		Jul 02	181.00	31.79	4.79	1994
1995	5.80	5.08	4.47	5.72	49.20	139.00	101.00	67.40	35.70	19.20	12.30	9.73	38.0		Jun 06	186.00	24.53	4.37	1995
1996	6.63	5.39	4.92	11.80	33.10	128.00	148.00	82.70	43.60	28.20	13.10	8.57	43.0		Jul 10	202.00	28.89	4.68	1996
1997	5.45	4.96	5.39	6.63	58.70	180.00	157.00	90.10	59.30	73.00	25.60	14.10	57.0		Jun 18	248.00	54.09	4.42	1997
1998	9.24	6.97	5.97	8.50	109.00	101.00	105.00	64.10	35.50	21.80	13.70	8.98	41.1		May 28	181.00	27.40	5.67	1998
1999	7.38	6.18	5.67	9.08	40.00	159.00	171.00	110.00	44.40	22.50	20.20	12.70	51.0		Jun 19	314.80	34.96	5.39	1999
2000	8.09	6.06	5.47	6.78	28.50	123.00	163.00	72.00	44.90	23.70	13.70	8.23	42.1		Jul 02	235.00	33.53	5.40	2000
2001	6.36	4.84	4.19	5.15	38.60	110.00	126.00	83.10	36.60	20.50	13.90	9.21	38.4		Jul 19	175.00	28.09	4.07	2001
2002	6.87	5.49	4.77	5.58	25.00	197.00	131.00	50.80	41.60	25.10	12.00	8.14	42.9		Jun 28	299.00	35.74	4.49	2002
2003	6.31	5.30	5.11	9.48	44.60	165.00	107.00	56.40	28.10	35.00	18.40	9.82	41.0		Jun 11	225.00	20.91	4.78	2003
2004	6.34	5.21	4.92	10.40	43.80	136.00	105.00	57.20	64.00	39.10	22.20	12.80	42.3		Jun 12	196.00	44.16	4.77	2004
2005	9.43	9.58	7.16	14.90	83.50	153.00	111.00	62.40	54.90	39.40	22.90	11.50	48.5		Jun 02	223.00	40.70	6.60	2005
2006	9.12	6.74	5.64	9.43	85.60	139.00	95.80	50.40	29.10	13.90	11.70	7.82	38.9		May 24	215.00	19.66	5.38	2006
2007	6.50	5.42	5.93	9.44	55.70	188.00	153.00	56.40	36.60	28.00	20.50	10.30	48.2		Jun 07	370.00	22.71	4.99	2007
2008	7.44	5.68	4.85	4.86	57.70	130.00	119.00	66.00	37.60	22.50	14.60	8.91	40.0		Jul 03	221.00	28.63	4.28	2008
2009	6.44	5.21	4.45	5.97	25.80	143.00	110.00	55.90	38.50	13.90	10.70	6.80	35.7		Jun 18	218.00	33.27	4.24	2009
2010	5.41	4.46	4.52	11.00	43.70	130.00	112.00	60.00	48.30	39.50	16.00	9.53	40.5		Jun 25	205.00	34.31	4.19	2010
2011	7.08	5.82	4.76	4.59	50.60	159.00	138.00	74.70	43.10	40.70	15.40	10.40	46.4		Jun 30	233.00	33.86	4.42	2011
Avg.	7.17	5.87	5.33	8.48	57.5	147.6	127.87	75.93	46.28	27.99	15.24	9.53	44.74	45.40		236.06	32.93	4.91	m^3/s
S. D.	1.33	0.96	0.72	2.74	22.45	27.30	27.85	18.89	14.36	12.17	4.30	1.86	5.46			52.76	9.59	0.58	m^3/s
Normal	7.19	5.90	5.42	8.68	57.38	148.99	126.09	73.66	43.34	26.39	15.39	9.36	44.16	m^3/s					
Normal	11	8	9	13	91	228	199	116	66	42	24	15	821	mm	10-Year	316.09	22.06	4.13	m^3/s









MOOSE RIVER NEAR RED PASS 08KA008

Station Longitude Latitude: -118.800273 52.920612

Monthly and Annual Discharge in m^3/s | Drainage Area = 455.97 km^2 | Median Elevation = 2010 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976	1.55	1.30	1.25	3.05	17.70	27.90	37.80	24.80	16.50	7.21	3.24	2.27	12.10	Jul 02	72.50	13.51	1.176	1976
1977	1.58	1.36	1.18	3.27	16.00	44.80	36.60	26.90	11.30	4.52	2.73	1.60	12.71	Jun 09	107.25	7.19	0.991	1977
1978	1.27	1.21	0.95	2.14	12.80	45.60	45.20	23.10	21.10	9.30	3.67	2.69	14.15	Jul 01	90.30	10.41	0.741	1978
1979	1.70	1.36	1.32	1.32	13.30	57.20	48.60	24.40	13.40	6.48	2.63	1.89	14.53	Jun 06	89.99	11.10	1.030	1979
1980	1.41	1.06	0.89	4.78	24.90	35.30	25.20	18.70	14.10	9.67	3.35	3.22	11.91	Jun 17	55.70	11.11	0.850	1980
1981	2.69	1.81	1.53	2.95	50.20	30.20	37.20	28.00	14.90	4.25	4.60	1.72	15.13	May 27	157.65	6.03	1.500	1981
1982	1.28	1.16	1.19	1.28	12.30	29.60	42.60	27.80	21.50	8.48	3.05	2.33	12.80	Jul 20	75.30	12.25	1.140	1982
1983	1.78	1.53	1.29	1.80	18.20	29.80	32.60	14.50	6.09	5.65	5.38	2.07	10.12	Jun 02	71.92	4.78	1.209	1983
1984	1.68	1.34	1.12	1.97	5.77	66.50	46.60	29.60	21.00	9.84	2.25	1.76	15.79	Jun 30	149.00	10.49	0.982	1984
1985	1.20	1.23	1.51	1.90	24.30	35.80	35.30	20.20	10.70	4.93	2.21	1.30	11.79	Jul 01	87.70	7.29	1.103	1985
1986	1.25	1.06	1.46	2.42	25.70	48.70	36.60	23.60	11.70	6.51	2.84	1.85	13.71	Jun 01	151.00	6.19	0.980	1986
1987	1.60	1.29	1.80	3.15	21.00	45.00	30.90	22.30	11.80	5.19	2.72	1.53	12.41	Jun 14	124.28	7.44	1.157	1987
1988	1.30	1.29	1.22	5.79	22.90	41.40	31.30	25.50	10.60	4.85	2.81	1.72	12.59	Jun 28	69.97	3.68	1.171	1988
1989	1.48	1.25	1.14	2.97	24.20	51.60	33.90	29.80	10.50	5.09	3.40	2.19	14.03	Jun 15	109.32	7.27	1.104	1989
1990	1.68	1.41	1.26	2.27	24.60	54.70	45.60	26.90	14.80	5.76	3.65	2.12	15.47	Jun 25	112.00	11.37	1.209	1990
1991	1.23	1.23	1.21	4.01	22.50	41.70	45.00	35.00	17.10	5.69	2.64	1.85	15.03	Sep 01	99.60	9.55	1.166	1991
1992	1.60	1.31	1.80	6.77	24.40	55.70	25.20	19.40	11.00	13.40	4.41	2.28	13.95	Oct 25	80.40	6.60	1.133	1992
1993	1.42	1.20	1.35	2.38	34.80	31.00	20.80	21.40	10.50	4.22	2.38	1.83	11.18	May 15	106.56	5.32	1.073	1993
1994	1.68	1.14	1.60	5.32	27.60	45.80	42.50	22.00	12.90	7.46	2.74	1.78	14.46	Jul 02	75.90	9.87	0.952	1994
1995	1.30	1.04	1.19	1.97	18.00	33.70	27.90	17.00	12.60	4.44	2.86	2.26	10.40	May 31	56.40	8.90	0.923	1995
1996																		1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
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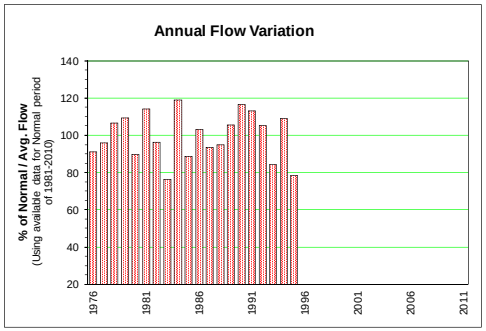
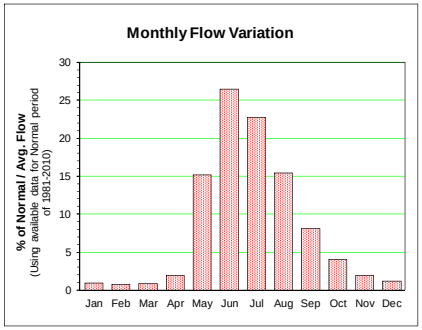
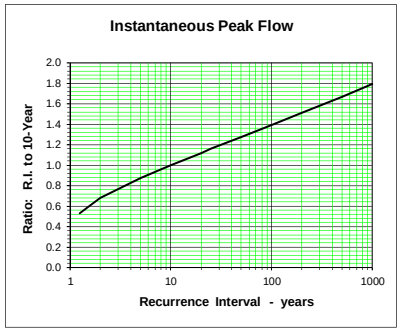
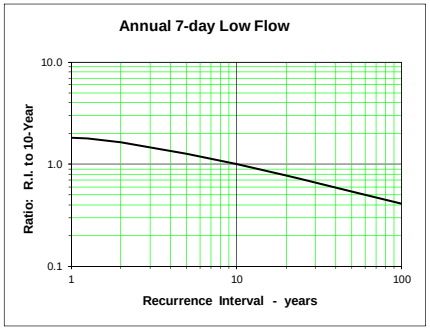
2002																		2002
2003																		2003
2004																		2004
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	1.53	1.28	1.31	3.08	22.06	42.60	36.37	24.05	13.70	6.65	3.18	2.01	13.21	14.33		97.14	8.52	1.08	m^3/s
S. D.	0.33	0.18	0.24	1.52	9.29	10.93	7.99	4.89	4.04	2.41	0.82	0.43	1.66			30.18	2.71	0.16	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.54	1.29	1.38	3.13	23.76	42.75	35.60	24.20	13.18	6.38	3.20	1.91	13.26	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9	7	8	18	140	243	209	142	75	38	18	11	918	mm	10-Year	148.2	5.654	0.704	m^3/s







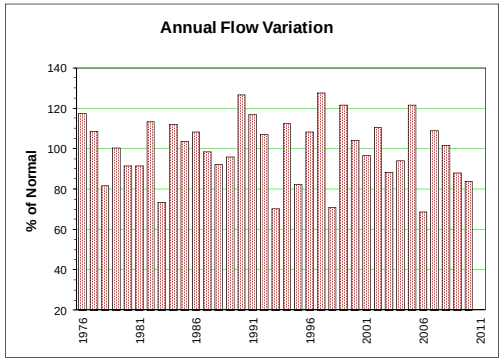


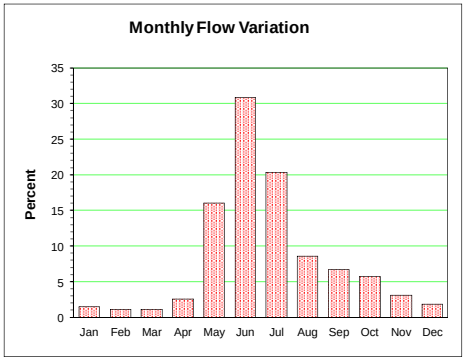
MCKALE RIVER NEAR 940 M CONTOUR 08KA009

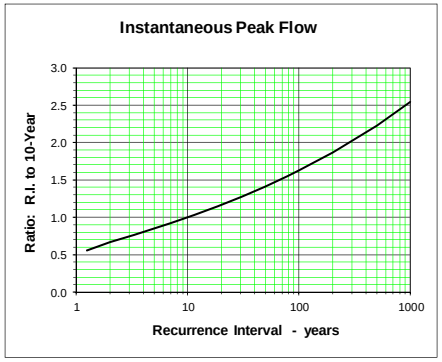
Station Longitude Latitude: -120.219220 53.444220

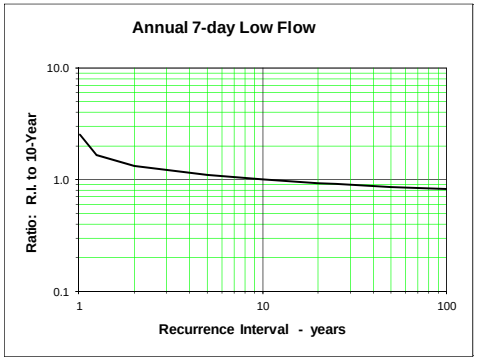
Monthly and Annual Discharge in m^3/s | Drainage Area = 253.66 km^2 | Median Elevation = 1835 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976	1.61	1.34	1.10	2.09	14.30	23.70	29.70	20.20	11.10	5.74	2.96	2.11	9.70		Jun 19	66.0	6.19	1.08	1976
1977	1.62	1.46	1.24	3.79	12.90	32.80	25.80	12.30	6.99	4.24	2.52	1.46	8.96		Jun 07	80.4	5.41	1.19	1977
1978	1.12	1.04	0.83	1.93	8.68	26.30	14.80	6.74	7.35	6.63	3.24	2.09	6.74		Jun 04	58.3	5.12	0.73	1978
1979	1.31	1.09	1.31	1.58	10.40	34.90	27.80	7.70	4.50	4.21	2.46	1.66	8.27		Jun 05	56.9	3.43	1.03	1979
1980	1.05	0.89	0.74	4.37	19.40	21.90	10.80	6.60	9.05	6.41	3.16	6.05	7.55		Jun 18	63.2	5.63	0.69	1980
1981	2.92	1.88	1.67	2.00	20.40	20.30	20.00	6.73	4.50	3.94	3.76	1.85	7.54		May 26	75.8	3.65	1.53	1981
1982	1.51	1.23	0.85	1.23	8.75	40.10	25.80	12.90	10.60	4.29	2.84	1.78	9.34		Jun 20	81.1	5.97	0.82	1982
1983	1.28	1.15	0.93	2.13	11.30	21.20	13.80	4.73	6.96	4.50	3.36	1.35	6.07		May 31	55.7	3.30	0.88	1983
1984	1.10	0.99	1.03	1.45	5.33	33.40	29.60	12.80	12.60	7.83	2.69	1.99	9.24		Jun 27	72.8	7.51	0.98	1984
1985	1.41	1.16	1.15	1.68	18.60	31.60	20.40	7.51	9.70	5.41	2.13	1.32	8.54		Jun 29	65.2	4.63	1.06	1985
1986	1.60	1.21	1.05	1.45	15.60	38.10	23.00	8.51	4.65	5.87	3.63	2.18	8.93		Jun 15	81.8	2.93	0.95	1986
1987	1.82	1.78	1.48	2.94	17.70	33.90	14.20	11.50	3.83	3.28	2.94	1.98	8.13		Jun 12	79.4	2.86	1.23	1987
1988	1.25	1.05	1.02	4.58	18.80	30.00	14.00	7.43	4.22	4.09	2.75	1.85	7.59		May 13	54.4	2.78	0.98	1988
1989	1.40	1.32	1.14	2.13	15.20	34.80	17.00	8.89	4.20	3.43	3.37	1.77	7.91		Jun 05	63.6	3.22	1.02	1989
1990	1.86	1.26	1.12	3.15	20.60	48.40	29.40	8.41	3.76	3.35	2.15	1.65	10.46		Jun 23	96.1	2.69	1.06	1990
1991	1.11	1.13	0.93	3.06	19.00	33.90	27.60	12.60	7.12	4.60	2.15	1.95	9.64		Jul 02	62.5	4.72	0.88	1991
1992	1.66	1.54	2.46	6.10	18.00	33.60	10.30	4.66	12.30	9.45	3.88	2.14	8.82		Jun 02	81.0	3.86	1.50	1992
1993	1.45	1.19	1.18	1.96	25.60	16.00	7.77	4.63	3.13	2.60	2.23	1.45	5.80		May 14	81.9	2.41	1.05	1993
1994	1.35	0.99	1.37	5.16	22.80	36.10	24.10	6.75	4.16	4.26	2.21	1.52	9.27		Jul 01	67.4	3.21	0.84	1994
1995	1.01	0.89	0.79	1.41	16.00	23.50	13.50	12.80	4.03	3.28	2.18	1.66	6.79		May 28	45.1	2.90	0.74	1995
1996	1.38	1.20	1.16	2.57	9.30	35.30	26.10	11.00	7.44	6.37	3.37	1.82	8.92		Jun 04	86.2	5.08	1.10	1996
1997	0.97	1.05	1.00	1.65	18.20	35.20	29.60	12.00	6.83	12.10	4.47	2.39	10.51		Jul 12	84.8	5.13	0.88	1997
1998	1.59	1.32	1.11	2.39	26.40	15.50	7.98	3.09	2.12	4.56	2.22	1.43	5.85		May 27	46.3	1.84	1.04	1998
1999	1.22	1.08	1.18	2.87	11.90	35.50	31.70	15.00	6.76	5.80	4.31	2.41	10.02		Jun 15	84.6	5.06	1.02	1999
2000	1.63	1.34	1.02	1.57	8.80	31.60	27.10	10.40	9.94	5.80	2.92	0.84	8.59		Jun 30	62.2	6.62	0.66	2000
2001	0.86	0.79	1.06	2.18	11.20	25.40	29.10	10.40	5.75	3.18	2.90	2.12	7.96		Jul 18	185.0	4.58	0.68	2001
2002	1.46	1.10	0.89	1.16	8.09	43.10	18.00	6.84	11.80	11.90	3.29	1.89	9.13		Jun 26	89.8	5.31	0.82	2002
2003	1.32	1.03	1.21	4.10	13.30	27.40	14.50	5.06	5.17	7.94	3.96	2.21	7.29		May 25	58.4	2.98	0.94	2003
2004	1.25	1.13	1.28	3.50	11.40	28.20	11.30	5.80	13.50	7.47	5.35	3.24	7.77		Jun 06	58.3	4.27	1.07	2004
2005	3.02	2.60	2.07	5.50	25.30	30.80	19.00	6.58	9.02	9.07	4.30	2.56	10.02		May 30	92.6	4.55	1.95	2005
2006	1.74	1.28	1.09	2.43	16.60	19.80	10.40	5.03	2.65	2.62	2.32	1.87	5.68		May 21	45.8	2.38	1.07	2006
2007	1.37	1.08	1.05	1.81	15.60	39.60	22.70	6.04	5.66	7.08	3.73	1.81	8.98		Jun 02	109.0	3.94	1.03	2007
2008	1.42	1.10	1.09	1.40	18.30	27.70	19.90	11.40	7.75	4.77	3.33	2.07	8.37		May 20	58.1	6.34	1.08	2008
2009	1.37	1.18	1.07	1.63	8.90	32.40	21.70	6.45	4.52	3.45	2.40	1.78	7.25		Jun 15	59.5	3.57	1.05	2009
2010	1.46	1.18	1.07	3.57	12.20	27.90	13.40	5.29	7.53	5.08	2.85	1.39	6.92		Jun 13	55.7	3.88	1.05	2010
2011	0.99	0.88	0.79	1.05	15.70			11.20	5.69	4.67	2.76	1.61					4.57	0.77	2011
Avg.	1.46	1.22	1.15	2.60	15.3	30.6	20.05	8.78	6.86	5.54	3.09	1.98	8.25	8.25		73	4.24	1.01	m^3/s
S. D.	0.44	0.33	0.34	1.31	5.31	7.45	7.28	3.63	3.04	2.35	0.78	0.81	1.33			24.80	1.36	0.25	m^3/s
Normal	1.49	1.24	1.18	2.63	15.64	31.01	19.77	8.37	6.74	5.58	3.13	1.88	8.25	m^3/s					
Normal	16	12	13	27	165	317	209	88	69	59	32	20	1026	mm	10-Year	99.40	2.66	0.71	m^3/s







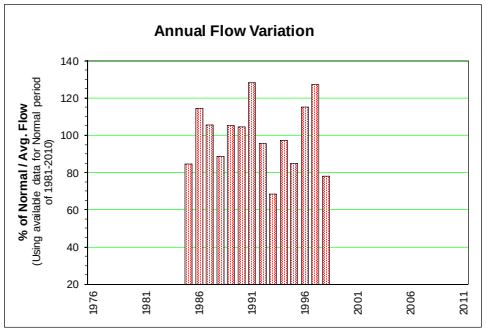


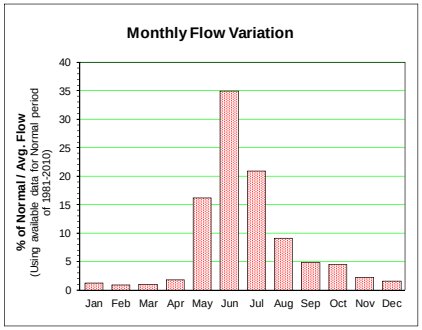
SWIFT CREEK NEAR THE MOUTH 08KA012

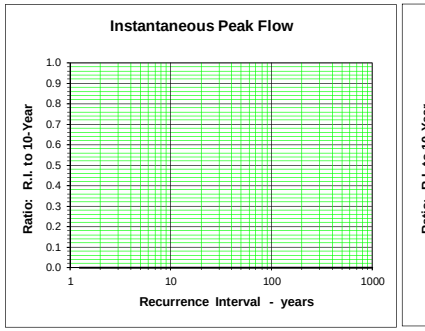
Station Longitude Latitude: -119.267315 52.838809

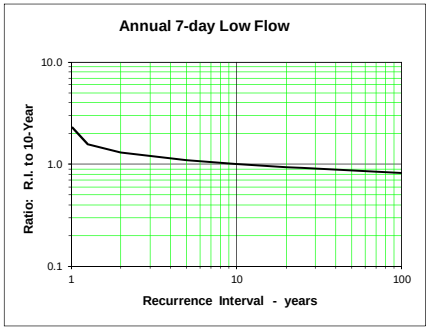
Monthly and Annual Discharge in m^3/s | Drainage Area = 132.38 km^2 | Median Elevation = 1956 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981																		1981
1982																		1982
1983																		1983
1984	0.59	0.48	0.42	0.54	1.71	17.80											0.374	1984
1985	0.45	0.31	0.29	0.45	6.33	13.00	5.73	2.30	1.75	1.48	0.58	0.42	2.76			1.41	0.242	1985
1986	0.48	0.35	0.36	0.41	6.59	18.50	9.05	4.12	1.97	1.36	0.90	0.62	3.73			1.20	0.262	1986
1987	0.48	0.42	0.42	0.71	7.54	15.50	7.06	5.03	1.64	0.95	0.87	0.58	3.44			1.13	0.326	1987
1988	0.41	0.31	0.29	1.34	5.99	12.20	6.29	3.22	1.61	1.51	1.04	0.54	2.90			1.28	0.272	1988
1989	0.55	0.46	0.36	0.59	5.71	16.30	8.39	4.27	1.64	1.22	1.04	0.64	3.44			1.22	0.344	1989
1990	0.54	0.44	0.49	0.89	6.19	17.10	9.14	2.19	1.31	1.00	0.89	0.67	3.41			0.98	0.401	1990
1991	0.49	0.47	0.35	0.84	6.46	16.00	13.70	6.35	2.97	1.16	0.63	0.57	4.19			1.54	0.338	1991
1992	0.52	0.51	0.53	1.22	6.45	14.80	3.77	1.84	2.07	3.79	1.34	0.68	3.12			1.36	0.480	1992
1993	0.44	0.38	0.41	0.37	8.44	6.44	2.82	3.39	1.94	0.92	0.60	0.54	2.24			1.25	0.322	1993
1994	0.43	0.32	0.38	1.29	7.56	13.40	8.19	2.20	1.60	1.29	0.73	0.56	3.17			1.24	0.286	1994
1995	0.44	0.41	0.29	0.36	4.84	13.00	5.73	4.02	1.59	1.14	0.76	0.66	2.78			1.18	0.251	1995
1996	0.53	0.46	0.48	0.89	2.35	12.60	16.50	4.26	2.40	2.37	1.32	0.78	3.76			2.13	0.440	1996
1997	0.42	0.39	0.31	0.51	5.86	15.00	11.80	4.28	3.98	4.88	1.40	0.81	4.16			2.69	0.280	1997
1998	0.63	0.58	0.51	0.70	11.60	6.92	4.52	1.42	0.89	1.16	0.88	0.60	2.55			0.86	0.436	1998
1999																		1999
2000																		2000
2001																		2001
2002																		2002
2003																		2003
2004																		2004
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
Avg.	0.49	0.42	0.39	0.74	6.24	13.90	8.05	3.49	1.95	1.73	0.93	0.62	3.26	3.26		1.39	0.337	m^3/s
S. D.	0.07	0.08	0.08	0.33	2.32	3.51	3.85	1.38	0.76	1.18	0.27	0.10	0.58			0.47	0.075	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.49	0.42	0.39	0.74	6.24	13.90	8.05	3.49	1.95	1.73	0.93	0.62	3.26	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	8	8	14	126	272	163	71	38	35	18	12	777	mm	10-Year	0.0	0.935	0.251	m^3/s







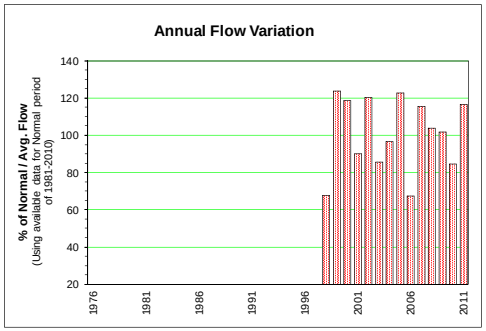


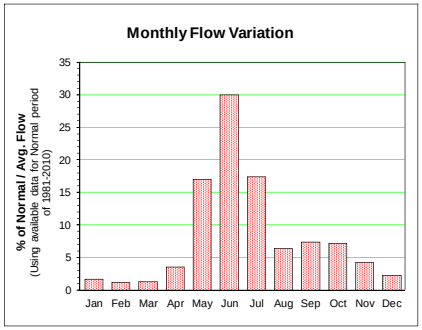
MORKILL RIVER BELOW HELLROARING CREEK 08KA013

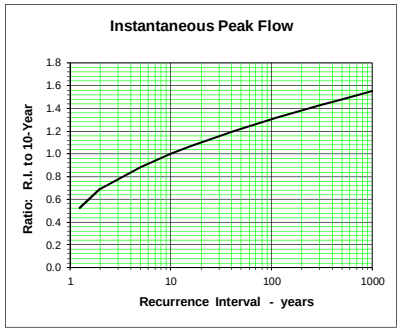
Station Longitude Latitude: -120.590874 53.681346

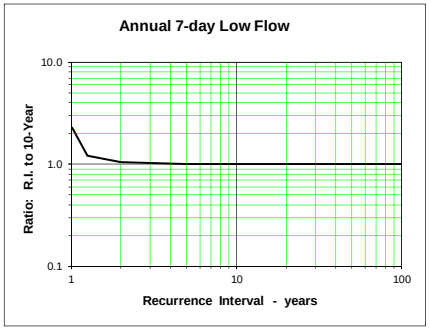
Monthly and Annual Discharge in m^3/s | Drainage Area = 1263.30 km^2 | Median Elevation = 1693 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Date	Annual	Jun-Sep	Annual	Year
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
1982																			1982
1983																			1983
1984																			1984
1985																			1985
1986																			1986
1987																			1987
1988																			1988
1989																			1989
1990																			1990
1991																			1991
1992																			1992
1993																			1993
1994																			1994
1995																			1995
1996																			1996
1997																			1997
1998	6.49	5.46	5.35	15.60	111.00	50.90	31.40	15.10	11.20	26.40	15.20	7.76	25.34		May 28	164.00	10.01	4.41	1998
1999	5.93	4.78	5.69	21.80	69.90	172.00	125.00	50.30	26.80	36.30	24.30	11.40	46.36		Jun 16	375.00	20.11	4.36	1999
2000	6.93	5.79	4.83	14.40	53.80	161.00	123.00	42.10	62.50	33.30	18.40	7.08	44.42		Jul 02	285.00	28.81	4.56	2000
2001	5.52	4.72	4.42	12.50	59.40	119.00	102.00	31.40	23.10	16.60	16.30	8.50	33.76		Jul 18	484.42	18.10	4.21	2001
2002	6.48	5.32	4.54	7.68	46.60	205.00	90.00	32.10	58.10	52.00	21.50	10.90	45.04		Jun 17	365.00	24.54	4.38	2002
2003	8.01	5.88	5.52	19.80	64.60	117.00	52.00	18.20	25.40	40.60	17.80	8.25	31.99		May 25	228.00	11.59	4.44	2003
2004	5.76	4.84	5.17	20.30	64.70	121.00	45.40	20.90	60.60	37.50	34.00	14.60	36.15		Jun 06	318.00	13.83	4.32	2004
2005	13.60	12.40	13.50	33.50	122.00	137.00	70.80	25.50	40.20	44.30	23.80	13.40	45.97		Jun 01	347.00	20.27	8.20	2005
2006	9.14	6.74	5.14	15.40	81.10	84.10	36.00	20.00	10.10	13.40	12.00	8.03	25.19		May 21	208.00	8.61	4.79	2006
2007	6.38	5.66	6.64	14.50	85.70	187.00	88.40	24.60	28.40	41.60	18.80	9.19	43.17		Jun 06	415.00	19.04	5.48	2007
2008	6.74	5.24	4.80	5.98	101.00	136.00	80.30	41.70	33.50	22.70	17.10	10.20	38.85		Jun 03	247.00	26.63	4.20	2008
2009	7.26	5.28	4.40	11.10	55.80	169.00	106.00	26.00	22.50	19.20	17.90	11.50	38.08		Jun 16	300.00	16.20	4.06	2009
2010	7.81	5.09	4.75	21.10	60.70	115.00	50.20	21.00	38.30	29.20	17.10	8.55	31.61		Sep 28	217.00	15.74	4.50	2010
2011	7.32	6.16	4.72	5.95	89.30	179.00	118.00	43.80	24.10	21.20	13.30	8.46	43.62		Jun 29	423.00	18.34	4.02	2011
Avg.	7.38	5.95	5.68	15.69	76.11	139.50	79.89	29.48	33.20	31.02	19.11	9.84	37.82	37.82		312.60	17.99	4.71	m^3/s
S. D.	2.03	1.94	2.33	7.39	22.93	42.34	32.70	11.02	16.98	11.58	5.52	2.24	7.37			93.89	5.97	1.07	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.39	5.94	5.75	16.44	75.10	136.46	76.96	28.38	33.90	31.78	19.55	9.95	37.38	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	16	11	12	34	159	280	163	60	70	67	40	21	934	mm	10-Year	441.9	10.648	4.064	m^3/s







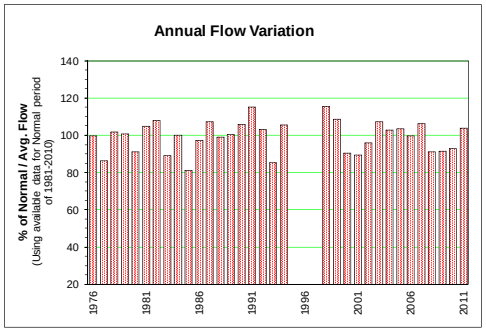


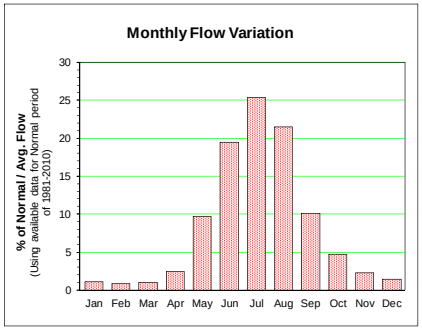
CANOE RIVER BELOW KIMMEL CREEK 08NC004

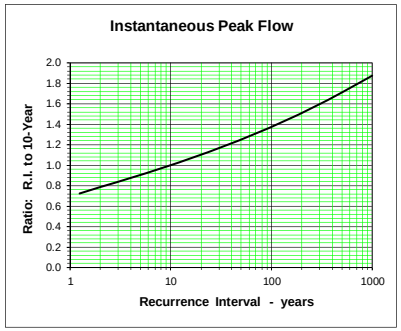
Station Longitude Latitude: -119.384617 52.731348

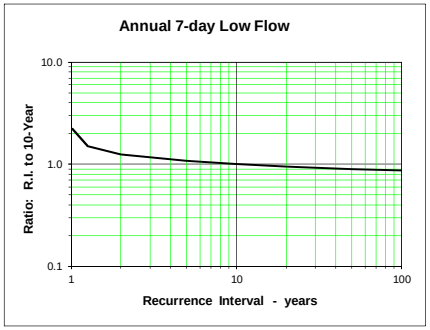
Monthly and Annual Discharge in m^3/s — Drainage Area = 306.75 km^2 — Median Elevation = 1957 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)		Instantaneous Peak Flow Date	Instantaneous Peak Flow Annual	7-Day Low Flow Jun-Sep	7-Day Low Flow Annual	Year
1976	2.02	1.64	1.20	3.61	18.40	22.30	42.70	43.90	25.20	9.01	3.10	2.16	14.69		Aug 06	80.70	12.61	1.09	1976
1977	1.64	1.29	1.12	4.10	10.80	29.80	38.00	44.00	11.40	4.76	2.72	1.88	12.73		Jul 17	89.80	7.30	1.08	1977
1978	1.52	1.28	1.50	4.35	10.30	33.00	55.70	34.60	20.30	9.35	4.35	2.29	14.98		Jul 14	75.90	10.04	1.25	1978
1979	1.84	1.71	1.51	2.64	11.60	29.50	44.30	39.00	26.90	12.50	3.26	2.13	14.84		Jul 20	84.50	18.84	1.44	1979
1980	1.62	1.64	1.44	6.12	21.30	33.20	33.70	26.60	16.20	9.34	4.41	4.94	13.42		Jul 22	77.50	9.79	1.33	1980
1981	4.47	3.06	2.55	3.29	20.10	21.70	44.40	49.30	21.20	5.67	6.10	2.05	15.45		Aug 11	81.80	7.20	1.90	1981
1982	1.82	1.71	1.75	2.21	12.40	46.00	47.50	34.10	27.10	8.24	3.97	2.83	15.87		Jul 19	92.50	14.49	1.67	1982
1983	2.20	2.09	1.92	4.04	15.60	28.40	36.10	37.70	13.40	6.36	5.48	2.96	13.11		Jul 12	80.50	6.75	1.80	1983
1984	3.02	2.08	2.10	3.58	7.93	31.10	42.90	43.30	19.50	14.70	3.75	2.15	14.75		Aug 26	91.70	9.66	1.43	1984
1985	1.34	1.32	2.11	3.86	17.30	25.30	43.60	30.80	8.89	4.25	2.08	1.10	11.94		Aug 01	71.20	5.00	1.03	1985
1986	1.33	1.45	2.97	3.31	16.50	40.10	37.90	38.80	15.80	6.58	3.29	2.54	14.30		May 31	74.70	6.31	1.04	1986
1987	2.09	2.91	2.98	4.55	16.50	47.60	49.50	28.40	21.20	6.63	3.62	2.40	15.76		Jun 13	119.00	14.02	1.81	1987
1988	1.80	1.85	1.65	6.34	18.80	34.10	36.80	35.60	19.10	10.20	4.98	2.72	14.55		Sep 06	76.30	5.94	1.53	1988
1989	2.28	1.56	1.36	3.67	16.60	39.10	40.70	39.50	15.90	6.96	5.21	3.39	14.78		Jun 14	87.90	10.51	1.33	1989
1990	2.25	1.39	1.45	5.11	15.00	34.90	48.00	45.00	20.30	5.54	3.97	2.49	15.56		Aug 14	80.40	17.18	1.21	1990
1991	1.68	1.82	1.64	4.49	18.70	34.20	47.30	56.40	21.50	8.61	3.00	2.43	16.95		Aug 31	108.00	13.15	1.46	1991
1992	2.37	2.43	2.50	7.69	17.80	45.30	38.20	32.80	11.80	13.70	4.69	2.55	15.20		Oct 24	96.10	5.61	2.16	1992
1993	1.61	1.34	2.12	3.93	24.50	29.40	28.00	32.80	15.60	6.21	2.38	1.73	12.56		Aug 23	74.69	6.93	1.21	1993
1994	1.65	1.13	2.12	6.93	20.20	30.30	49.30	37.20	21.30	8.13	3.55	3.04	15.52		Aug 04	86.00	14.82	1.02	1994
1995	2.23	1.90	2.01						21.40	6.20	4.00	2.96							1995
1996																			1996
1997									24.70	16.00	4.94	2.70							1997
1998	2.09	1.96	2.03	4.27	28.20	35.90	54.60	40.70	21.60	6.28	2.82	1.98	17.00		Aug 04	81.00	11.68	1.68	1998
1999	1.75	1.38	1.49	4.04	13.90	36.10	46.80	51.80	16.20	6.40	7.22	3.05	15.96		Aug 25	152.00	10.87	1.30	1999
2000	1.97	1.83	1.83	4.89	11.30	27.90	46.30	31.00	17.40	8.28	3.85	2.35	13.30		Jul 23	84.60	12.70	1.68	2000
2001	1.68	1.32	1.20	3.06	11.30	24.10	41.70	40.90	17.70	5.47	4.89	3.05	13.13		Aug 03	84.80	11.28	1.12	2001
2002	1.94	1.45	1.14	1.82	12.80	45.10	48.20	28.30	16.70	5.05	3.63	2.33	14.11		Jun 27	92.10	10.91	1.06	2002
2003	1.83	1.43	1.72	6.26	14.60	39.50	44.60	38.80	18.00	14.40	4.19	2.92	15.79		Jun 30	82.90	9.26	1.05	2003
2004	1.71	1.50	1.73	5.79	13.30	32.80	44.90	41.30	18.00	10.90	6.12	2.77	15.14		Sep 01	79.10	10.45	1.39	2004
2005	2.58	2.37	2.80	6.92	23.80	37.90	40.60	31.50	13.40	9.72	5.69	4.03	15.20		Jul 06	100.00	7.56	1.70	2005
2006	2.74	1.95	1.48	4.13	22.50	38.70	49.40	28.10	17.70	4.31	2.22	1.81	14.68		Jul 23	78.80	8.07	1.36	2006
2007	1.44	1.36	1.35	4.89	18.90	41.90	58.90	28.20	14.50	8.64	4.11	2.20	15.64		Jul 24	97.50	7.48	1.31	2007
2008	1.69	1.44	1.38	1.77	19.40	28.90	41.50	35.10	13.30	8.33	4.75	2.31	13.40		Jul 04	77.00	9.27	1.38	2008
2009	1.53	1.44	1.52	2.68	10.70	31.70	43.20	34.90	24.60	4.33	2.78	1.45	13.48		Jul 26	78.60	14.97	1.16	2009
2010	1.12	1.10	1.35	5.04	14.20	33.20	38.40	33.30	17.40	11.80	4.06	2.10	13.68		Sep 28	105.00	9.69	1.09	2010
2011	1.65	1.45	1.45	2.35	17.30	39.90	40.60	35.00	25.00	9.68	4.63	3.50	15.29		Jun 30	101.00	15.17	1.35	2011
Avg.	1.96	1.69	1.78	4.29	16.44	34.21	43.77	37.23	18.58	8.36	4.11	2.55	14.63	14.55		88.59	10.47	1.38	m^3/s
S. D.	0.60	0.46	0.51	1.50	4.63	6.76	6.35	7.08	4.50	3.14	1.18	0.72	1.24			15.79	3.50	0.29	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.01	1.73	1.87	4.39	16.77	34.86	44.05	37.24	18.11	8.20	4.18	2.50	14.70	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	18	14	16	37	146	295	385	325	153	72	35	22	1512	mm	10-Year	106.3	6.101	1.019	m^3/s









OVERSIZED FIGURES

Figure 1: Streamflow in the Omineca and Northeast Regions 30 x 30”
Figure 2: Hydrologic Zones 22 x 34”

Hydrologic Zones	
Zone Number	Name
1	NORTHERN COAST MOUNTAINS
2	STIKINE PLATEAU
3	NORTHERN ROCKY MOUNTAINS
4	NORTHERN INTERIOR PLAINS
5	NORTHERN CENTRAL UPLANDS
6	SOUTHERN INTERIOR PLAINS
7	SOUTHERN ROCKY MOUNTAIN FOOTHILLS
8	NECHAKO PLATEAU
9	SOUTHERN HAZELTON MOUNTAINS
10	CENTRAL COAST MOUNTAINS
11	QUEEN CHARLOTTE ISLANDS
12	MCGREGOR BASIN
13	UPPER FRASER BASIN
14	NORTHERN COLUMBIA MOUNTAINS
15	FRASER PLATEAU
16	SOUTHERN QUESNEL HIGHLAND
18	UPPER COLUMBIA BASIN
22	LOWER COLUMBIA BASIN
25	EASTERN SOUTH COAST MOUNTAINS
26	CENTRAL SOUTH COAST MOUNTAINS
27	WESTERN SOUTH COAST MOUNTAINS

Legend

- Natural Resource Operations Region Boundary
- Hydrologic Zone Boundary
- WSC Hydrometric Station Watershed Boundary
- WSC Hydrometric Staion

Figure 1: Streamflow in the Omineca and Northeast Regions

0 30 60 90 120 150 180 km

N

Hydrologic Zones	
Zone Number	Name
1	NORTHERN COAST MOUNTAINS
2	STIKINE PLATEAU
3	NORTHERN ROCKY MOUNTAINS
4	NORTHERN INTERIOR PLAINS
5	NORTHERN CENTRAL UPLANDS
6	SOUTHERN INTERIOR PLAINS
7	SOUTHERN ROCKY MOUNTAIN FOOTHILLS
8	NECHAKO PLATEAU
9	SOUTHERN HAZELTON MOUNTAINS
10	CENTRAL COAST MOUNTAINS
11	QUEEN CHARLOTTE ISLANDS
12	MCGREGOR BASIN
13	UPPER FRASER BASIN
14	NORTHERN COLUMBIA MOUNTAINS
15	FRASER PLATEAU
16	SOUTHERN QUESNEL HIGHLAND
17	NORTHERN THOMPSON PLATEAU
18	UPPER COLUMBIA BASIN
19	UPPER KOOTENAY BASIN
20	CENTRAL KOOTENAY BASIN
21	LOWER KOOTENAY BASIN
22	LOWER COLUMBIA BASIN
23	OKANAGAN HIGHLAND
24	SOUTHERN THOMPSON PLATEAU
25	EASTERN SOUTH COAST MOUNTAINS
26	CENTRAL SOUTH COAST MOUNTAINS
27	WESTERN SOUTH COAST MOUNTAINS
28	EASTERN VANCOUVER ISLAND
29	WESTERN VANCOUVER ISLAND

Yukon Territory

Northwest Territories

Alberta

Montana

Washington

Idaho

Skeena Region

Northeast Region

Omineca Region

West Coast Region

Cariboo Region

South Coast Region

Thompson / Okanagan Region

Kootenay / Boundary Region

Atlin

Fort Nelson

Fort St. John

Grande Prairie

Smithers

Prince Rupert

Masset

Prince George

Williams Lake

Kamloops

Revelstoke

Kelowna

Nelson

Cranbrook

Campbell River

Nanaimo

Vancouver

Victoria

Edmonton

Red Deer

Calgary

Medicine Hat

Lethbridge

Legend

Hydrologic Zone Boundary

Old MOE Regional Boundary

Natural Resource Operations Regions:

Figure 2: Hydrologic Zones

0 100 200 300 400 km

N