Inventory of Streamflow in the Kootenay Region

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Cover photo: Water Survey of Canada gauge 08NE006, Kuskanax Creek near Nakusp, 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 judgement 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 Kootenay Region, January 2002* by W. Obedkoff, P.Eng., Aquatic Information Branch, B.C. Ministry of Sustainable Resource Management.

The analyses presented in this report involves data collected at stations operated under the Canada-British Columbia Hydrometric Agreement up to and including data for 2017. Most of the parameters were calculated based on data from the 1981–2010 Climate Normal period, with the exception of recurrence interval peak and low flows, which were based on all available data. Hydrologic zone design curves are not included for the various streamflow indices because 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 station values are not necessarily directly comparable. Furthermore, several stations included in the original report have been decommissioned, resulting in fewer data points from which to draw a regional curve. Except for the design curves, all other analyses from the previous report are presented, including: statistical analysis of peak flows, annual mean flows, and annual and June–September 7-day low flows. 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.

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 judgement is required to decide which stations are most representative of the ungauged watershed in question.

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

ACKNOWLEDGEMENTS

Margaret Waldstein (GeoBC, B.C. Ministry of Forests, Lands, Natural Resource Operations and Rural Development) and Simon Norris (Hillcrest Geographics) completed the watershed delineation update. Jaime Cathcart (Knight Piésold Ltd.) and Neil Goeller (B.C. Ministry of Environment and Climate Change Strategy) provided peer review for this 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 Canada-British Columbia Hydrometric Program 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 and Climate Change 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) launched 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 as a direct progression of the above work, was launched in the 1998–1999 fiscal year. This project characterized the variability of streamflow parameters in administrative 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 six reports was produced for various regions: 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; the Kootenay region, in January 2002, and the sixth and final 2003 report for the Lower Mainland and Vancouver Island region (see Table 1 for a report list). New subzones were named to constitute a new edition of provincial hydrologic zones (see Table 1 for a cross-reference index). These zones are a product of the inclusion of additional hydrologic data and the application of updated regionalization procedures to the dataset used in the BCSI report.

1.2 Current Study

This report covers the Kootenay-Boundary region, a Natural Resource Region under the Ministry of Forests, Lands and Natural Resource Operations. Presenting summary data and datasheets, revised and updated since the 2002 BCSI report (Obedkoff 2002). The revision includes updated data and a new 30-year normal period of 1981–2010. The standard discharge data used are published by the Water Survey of Canada (WSC) through the Canada-British Columbia Hydrometric Program (CBCHP). 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 2017, 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	Haida Gwaii (previously 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 Kootenay-Boundary region incorporates hydrologic zones 18, 19, 20, 21, and 22, and the portions of zones 14 and 23, 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, which are developed by the Hydrologic Engineering Center of the U.S. Army Corps of Engineers, are freely available (http://www.hec.usace.army.mil/software/).

For purposes of comparison, all datasheets are filed according to the hydrologic zone that a station falls within. Electronic versions of these individual datasheets are available from the EcoCat website (https://a100.gov.bc.ca/pub/acat/public/welcome.do). This report contains summary data and datasheets that have been revised and updated from the Obedkoff (2002) report. The electronic versions of all datasheets contain embedded frequency distribution estimates of all streamflow characteristics and the results of flow duration analyses showing percentage of time exceeded against daily mean flow. The study region datasheets are included in Appendix 1.

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 a physical mapping procedure to delineate hydrologic zones, 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 Provincial regional studies that began in 1998, the physical methods employed in British Columbia for defining homogeneous hydrologic zones were mostly subjective, with zone boundaries based on professional judgement regarding the variation of mapped hydrologic and physiographic characteristics. In contrast, the procedure developed in these regional studies is based on a successive series of graphical plots of measured streamflow data and mapped hydrologic characteristics. The first order of zone definition involved 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 were based on reduced time interval flow statistics, of low flow and then peak flow. These were based on graphical plots of 7-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 Kootenay-Boundary Natural Resource Region and adjacent regions. Figure 2 shows all hydrologic zones, using both past and current Natural Resource Region boundaries for the entire province.

3. REGIONAL STREAMFLOW SUMMARIES

This report covers the Kootenay-Boundary Natural Resource Region. Five hydrologic zones (zones 18, 19, 20, 21, and 22) and a portion of zones 14 and 23 are defined in the study area (Figure 1). This study includes only hydrometric stations in zones 18 to 22. (Note: Analyses for all hydrometric stations in zones 14 and 23 are included in the *Inventory of Streamflow in the Thompson Okanagan Region, March 2020* report, [Ahmed, 2020]).

The analyses for this report used the 30-year normal period of 1981–2010 and, for frequency analyses, all available CBCHP hydrometric data up to 2017. The 2002 BCSI report considered data from 1965 to 2000 with a 30-year normal period of 1971–2000. The current report includes additional calculations of flow duration, average year flow (average of annual mean flows 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 of data 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–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 do not match the Log Pearson Type III distribution for 7-day low flow analysis. Table 9 lists the percentage 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 Figures 3 and 4-c, while variation of 10-year peak flow, 10-year 7-day June–September low flow, and annual low flow with drainage area are presented in Figures 4-a, 4-b, 5-a, 5-b, 6-a and 6-b, 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 judgement is required to decide which stations are most representative of an 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 used for estimating missing data, and the formats used for presenting the summarized data. Annual values are based on a calendar year, rather than a water year (October–September). All available data up to the year 2017 were compiled and stored in the HEC-DSS database. However, data from years 1981–2017 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 presented on summary sheets (Tables 2 and 3) and station datasheets (Appendix 1) include:

- monthly flow;
- annual flow;
- monthly flow variation;
- normal annual and monthly discharge and runoff;
- annual instantaneous peak flow and date of occurrence; and
- annual 7-day average low flow.

Each station datasheet included in Appendix 1 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 hydrometric station were determined as follows. Upstream watersheds for areas within British Columbia were delineated based on the BC Freshwater Atlas (FWA) "fundamental watersheds" (https://catalogue.data.gov.bc.ca/dataset/freshwater-atlas-watersheds). Where required, the fundamental watersheds were refined using the BC 25m DEM or by splitting using a shortest path between riverbanks. Drainage areas in the United States were delineated using the Environmental Protection Agency's Navigation Delineation web service (https://www.epa.gov/waterdata/navigation-delineation-service#Description). This service returns watershed boundaries based on the USGS National Hydrographic Dataset (NHD).

The hydrometric station locations are referenced at the centre of a stream. Some of these station locations differ from documented station locations. Where recorded station

locations (latitude and longitude) were found to be inaccurate (usually by comparing calculated upstream watershed areas with the areas provided by CBCHP), the station metadata records with descriptions of locations were used along with best judgement to determine the station locations.

Median elevation was calculated using the delineated watersheds overlaid with DEM data: BC TRIM DEM (25m cell size) for regions within British Columbia. The SRTM 30-m Global 1 arc second V003 DEM (https://lpdaac.usgs.gov/products/srtmgl1v003) was used for all regions outside of British Columbia (downloaded from Amazon S3 at https://registry.opendata.aws/terrain-tiles/). The Python package rasterstats (https://pythonhosted.org/rasterstats/) was used to calculate median elevation for each hydrometric 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 exactly 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 runoff values for the normal period are summarized in graphical format as "Percent of Annual" for each month.

Frequency analyses used annual peak instantaneous flows, 7-day annual low flows, and June–September low flows from the WSC hydrometric database (HYDAT). 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.

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 was 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 were 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 7-day average discharge was 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 datasets. The 10-year recurrence interval low flow values are 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 most consistently 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 could not be fitted to a Log Pearson Type III distribution and therefore frequency values were not computed.

5. SUMMARY

Updates to the approach used in the analyses for this regional streamflow inventory, compared to what was done in the original report, include: basin area determination, alteration of the normal period to 30 years to align with the Environment and Climate Change 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 with time. This report is scheduled to be updated approximately every 10 years, or following substantial changes to the hydrometric network, as resources allow.

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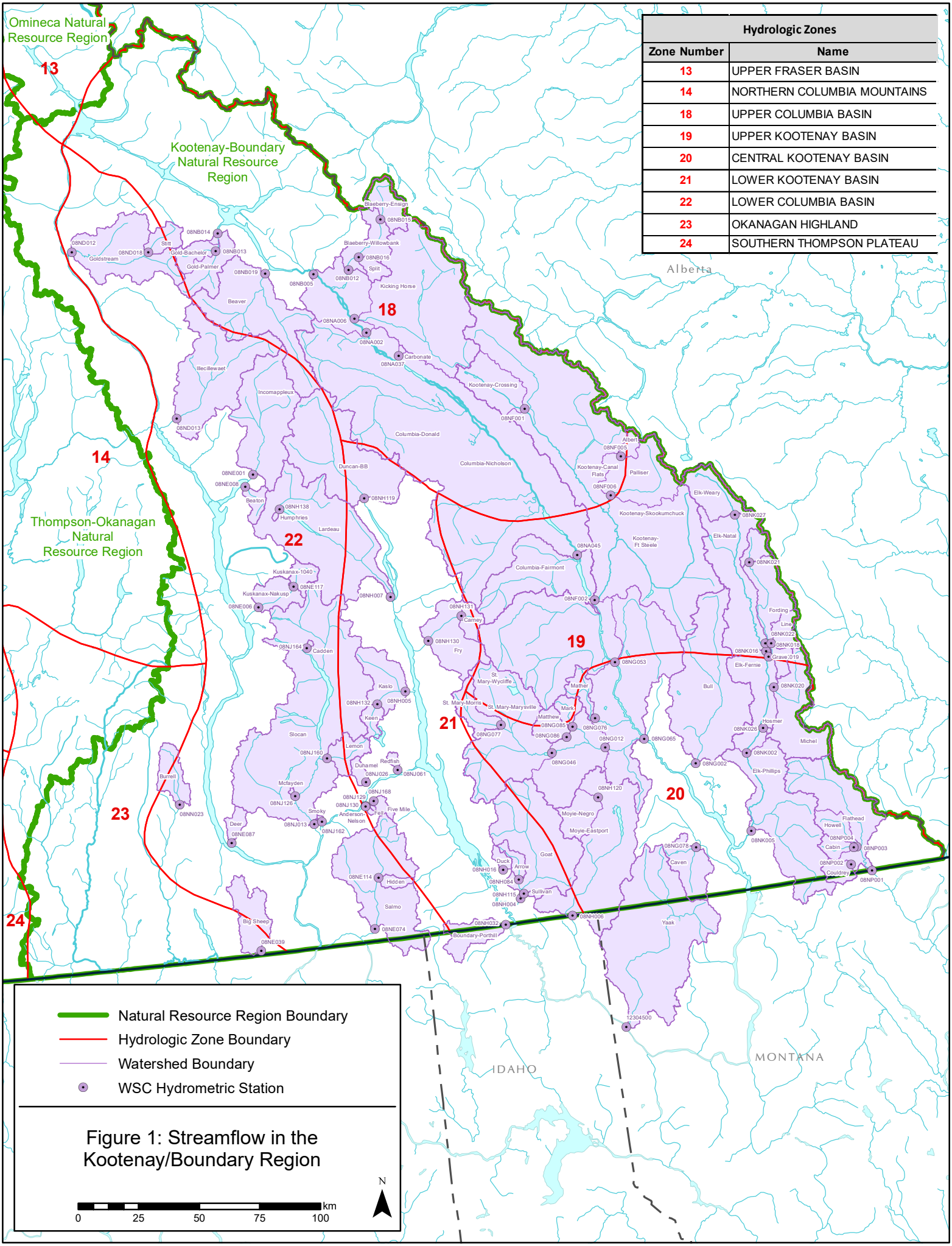
FIGURES



Hydrologic Zones	
Zone Number	Name
13	UPPER FRASER BASIN
14	NORTHERN COLUMBIA MOUNTAINS
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

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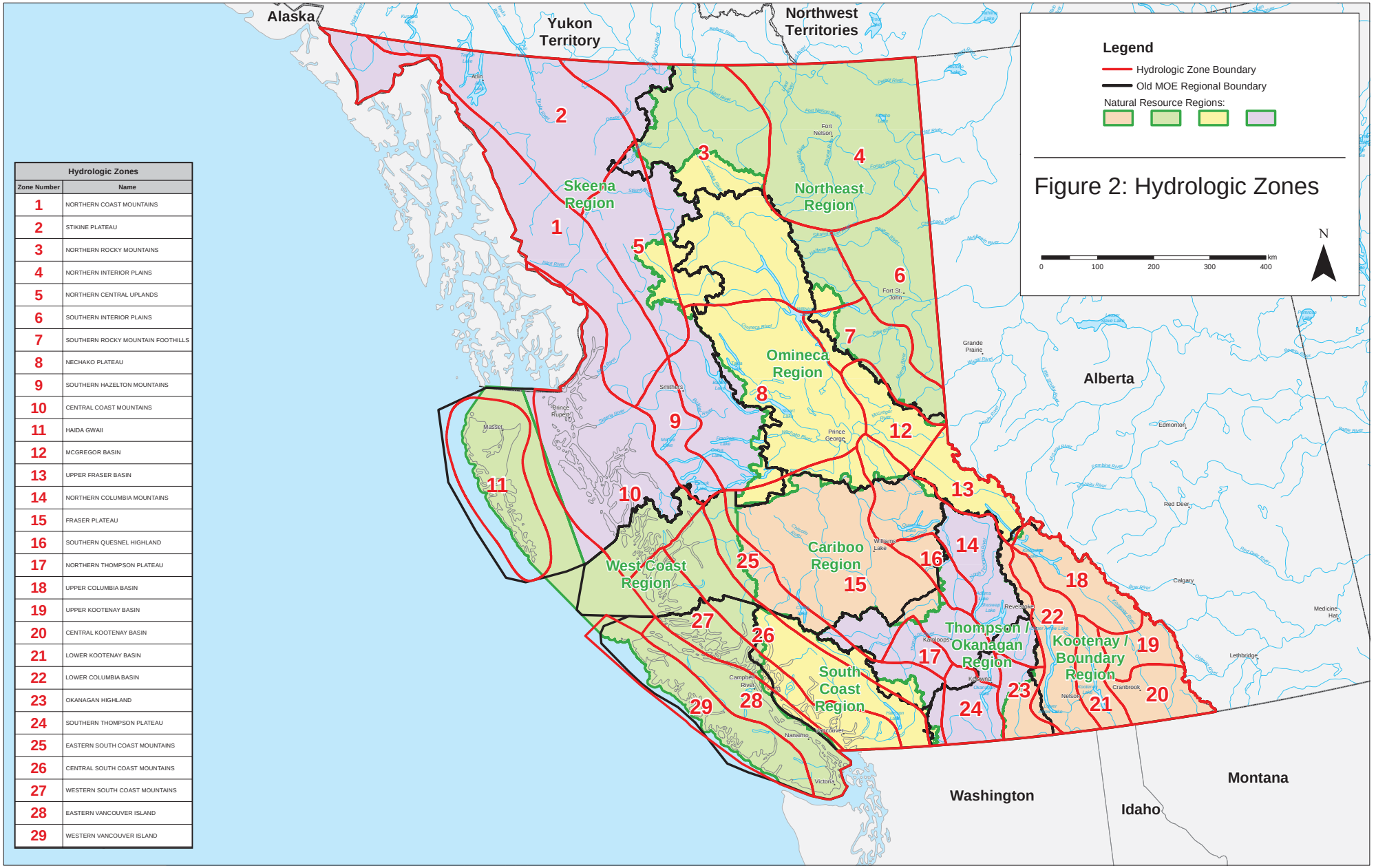


Hydrologic Zones	
Zone Number	Name
1	NORTHERN COAST MOUNTAINS
2	STIKINE PLATEAU
3	NORTHERN ROCKY MOUNTAINS
4	NORTHERN INTERIOR PLAINS
5	NORTHERN CENTRAL UPLANDS
6	SOUTHERN INTERIOR PLAINS
7	SOUTHERN ROCKY MOUNTAIN FOOTHILLS
8	NECHAKO PLATEAU
9	SOUTHERN HAZELTON MOUNTAINS
10	CENTRAL COAST MOUNTAINS
11	HAIDA GWAII
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

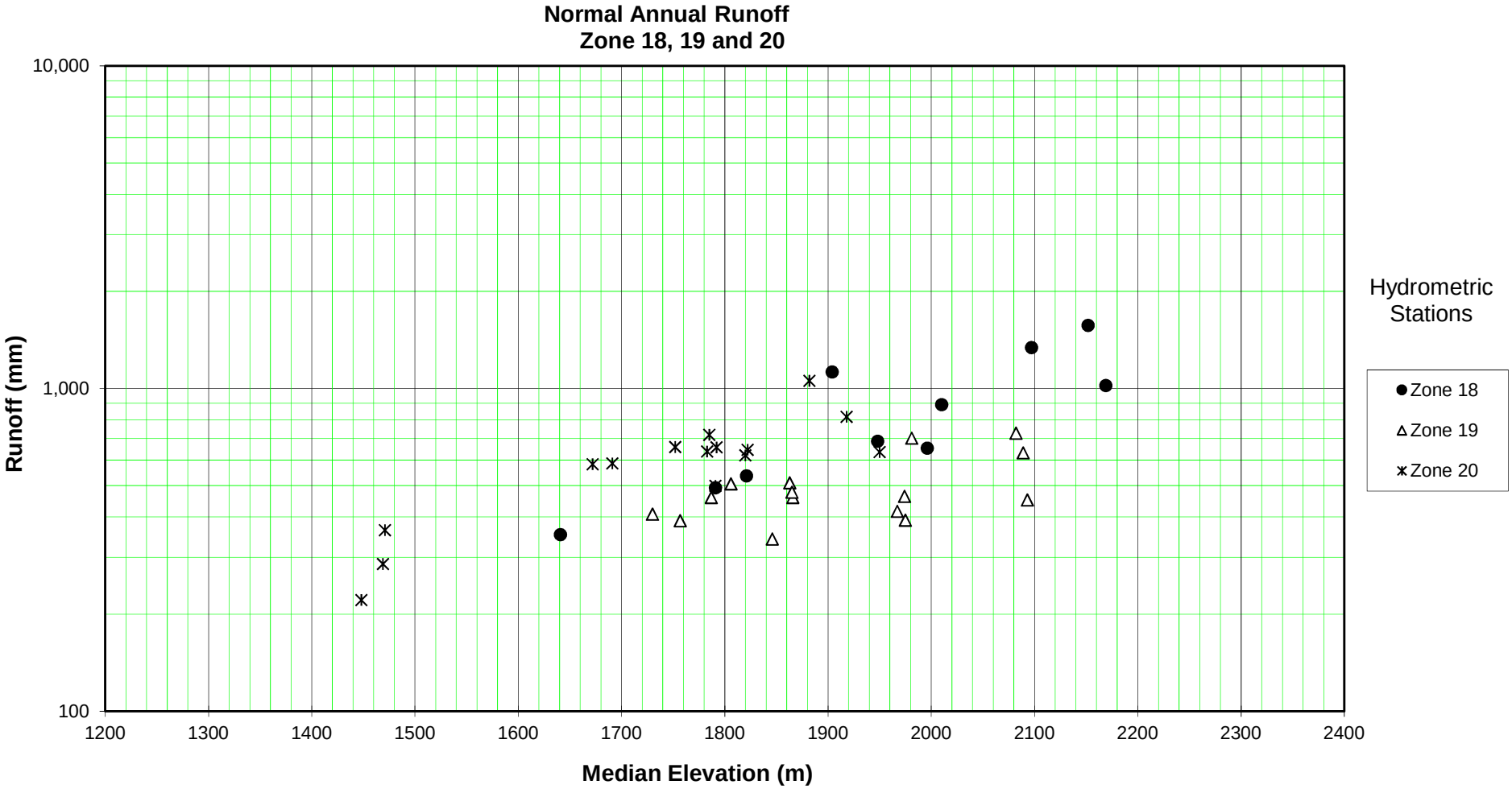


Figure 3 Normal Annual Runoff (page 1 of 2)

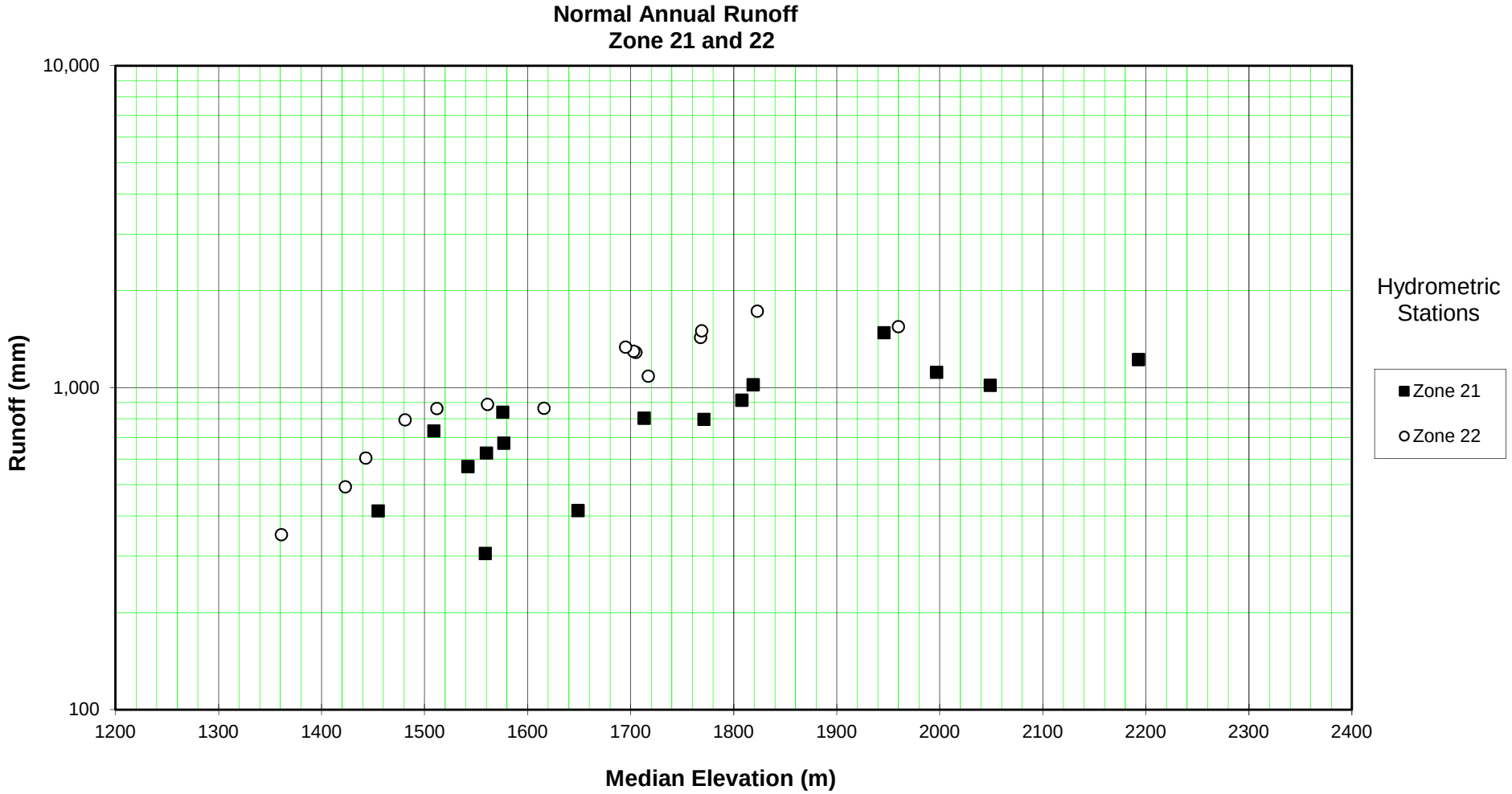


Figure 3 Normal Annual Runoff (page 2 of 2)

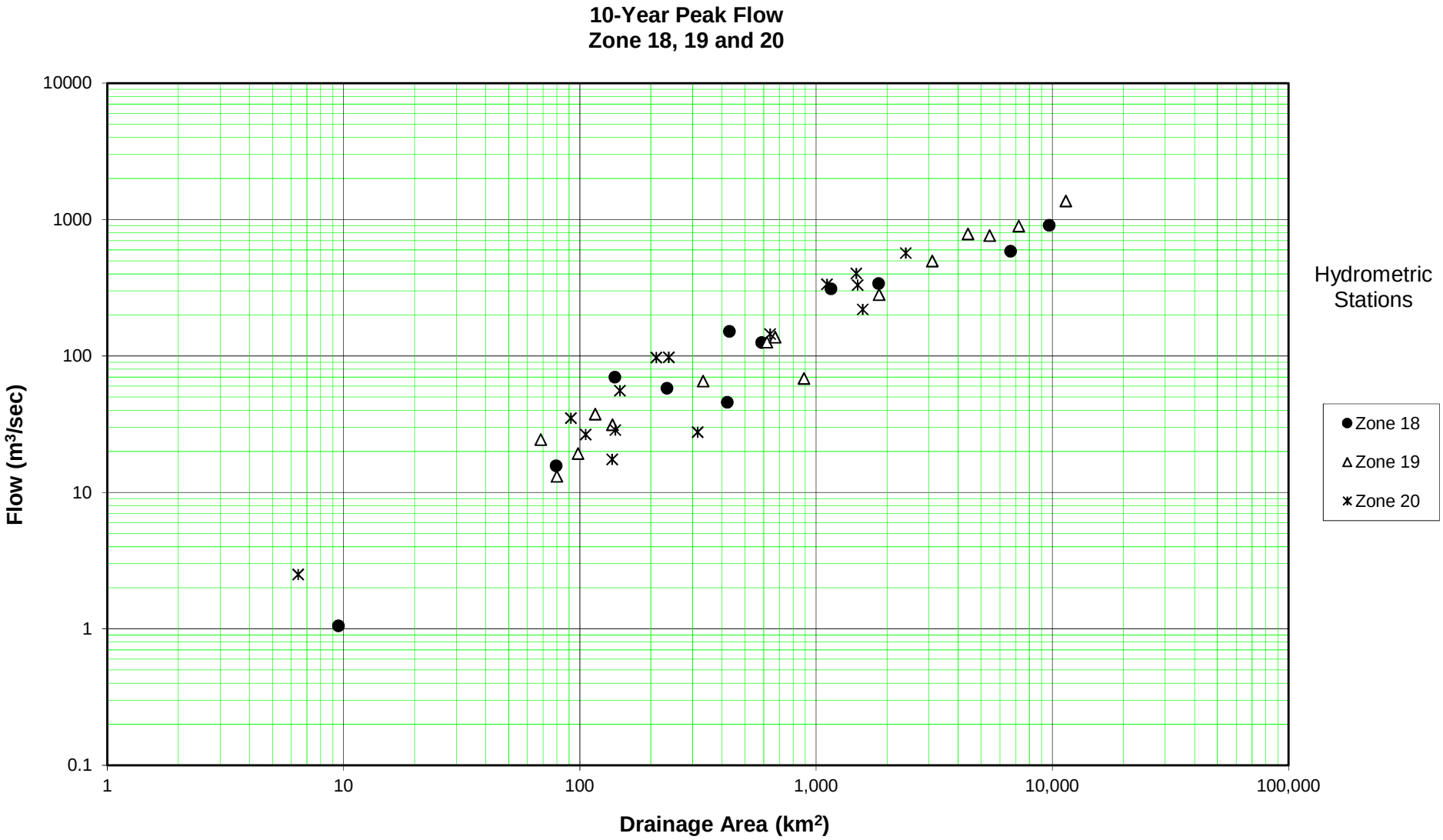


Figure 4-a 10-Year Peak Flow vs Drainage Area (page 1 of 2)

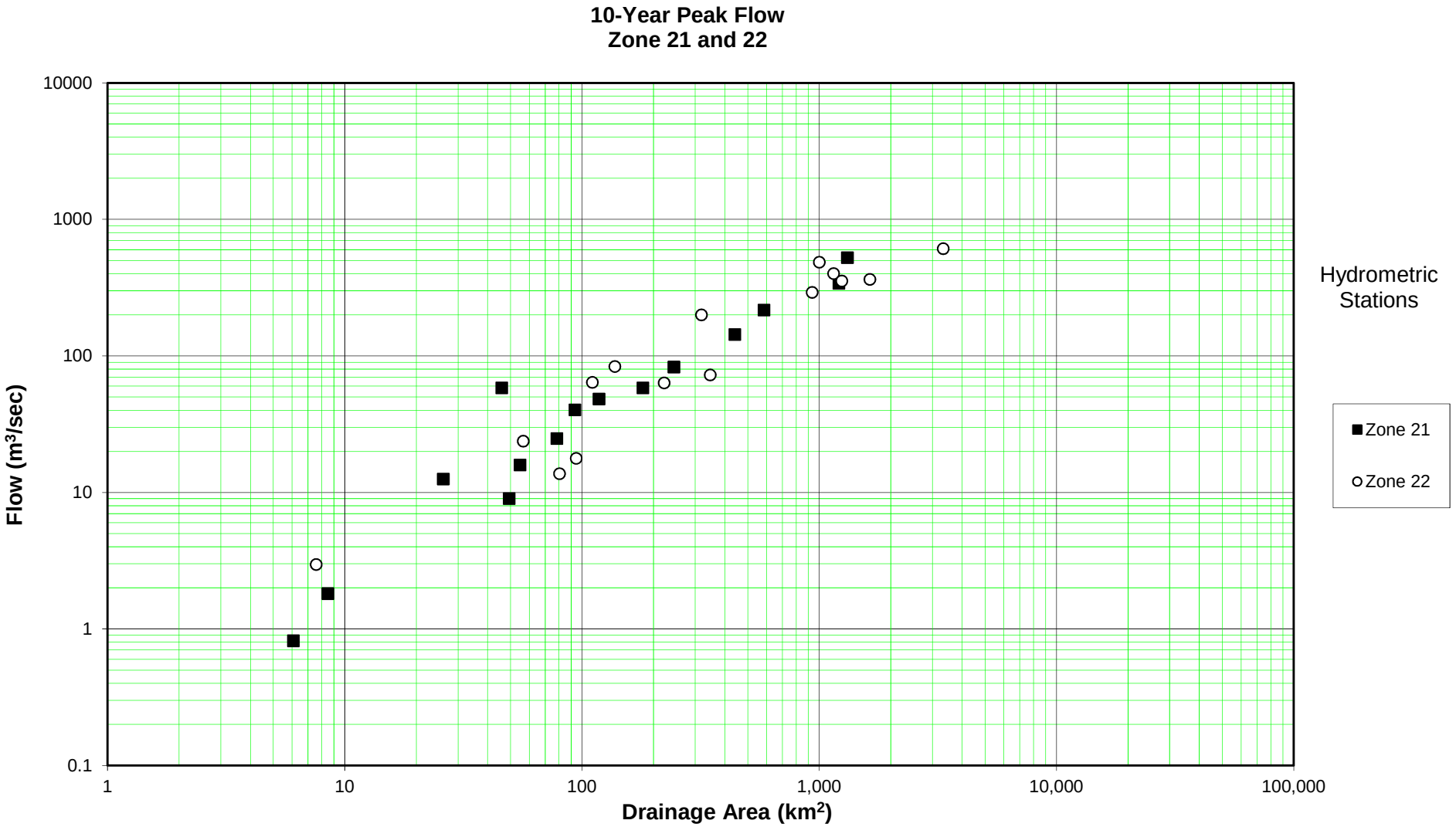


Figure 4-a 10-Year Peak Flow vs Drainage Area (page 2 of 2)

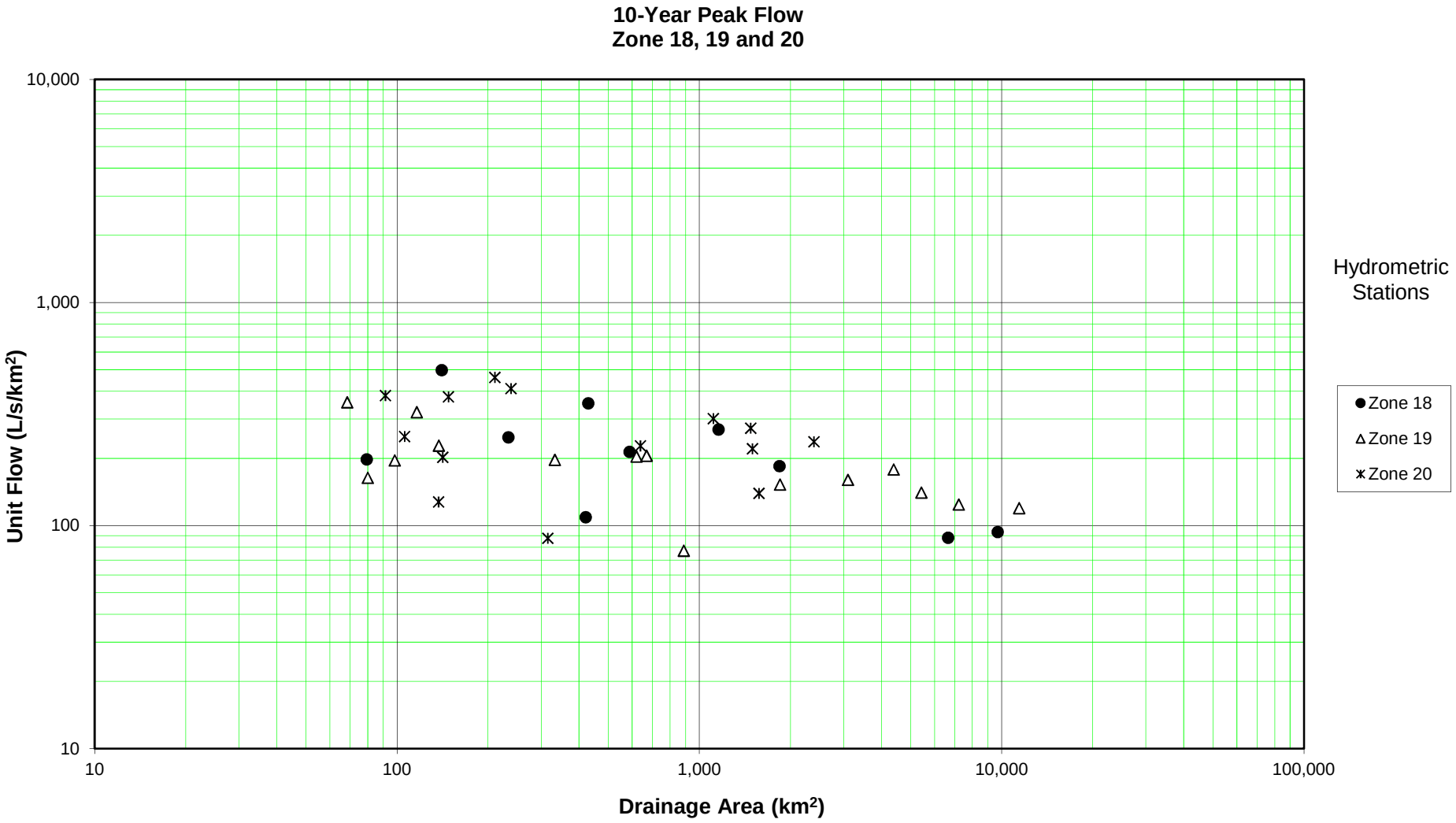


Figure 4-b 10-Year Peak Instantaneous Unit Flow vs Drainage Area (page 1 of 2)

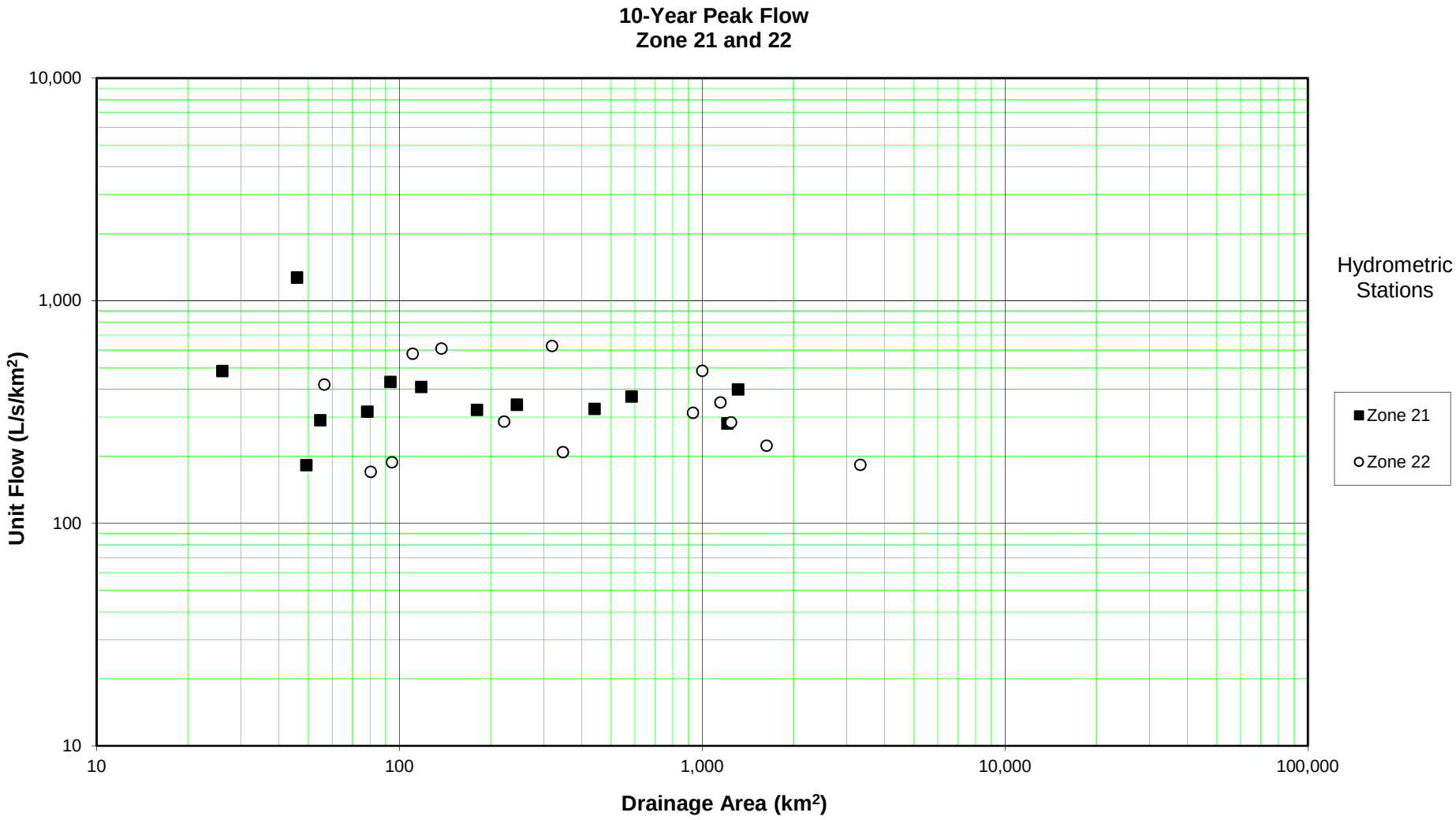


Figure 4-b 10-Year Peak Instantaneous Unit Flow vs Drainage Area (page 2 of 2)

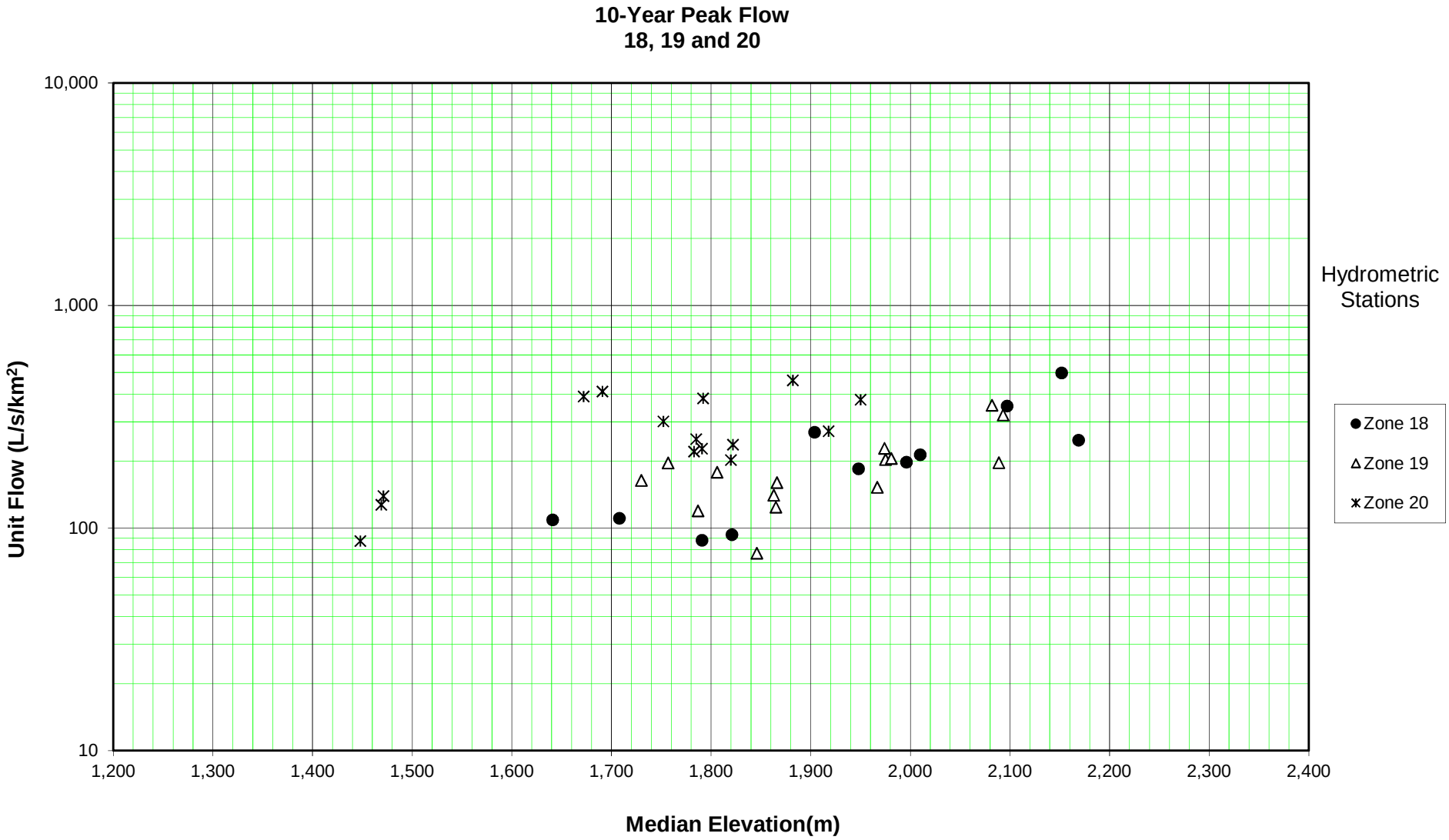


Figure 4-c 10-Year Peak Instantaneous Unit Flow vs Median Elevation (page 1 of 2)

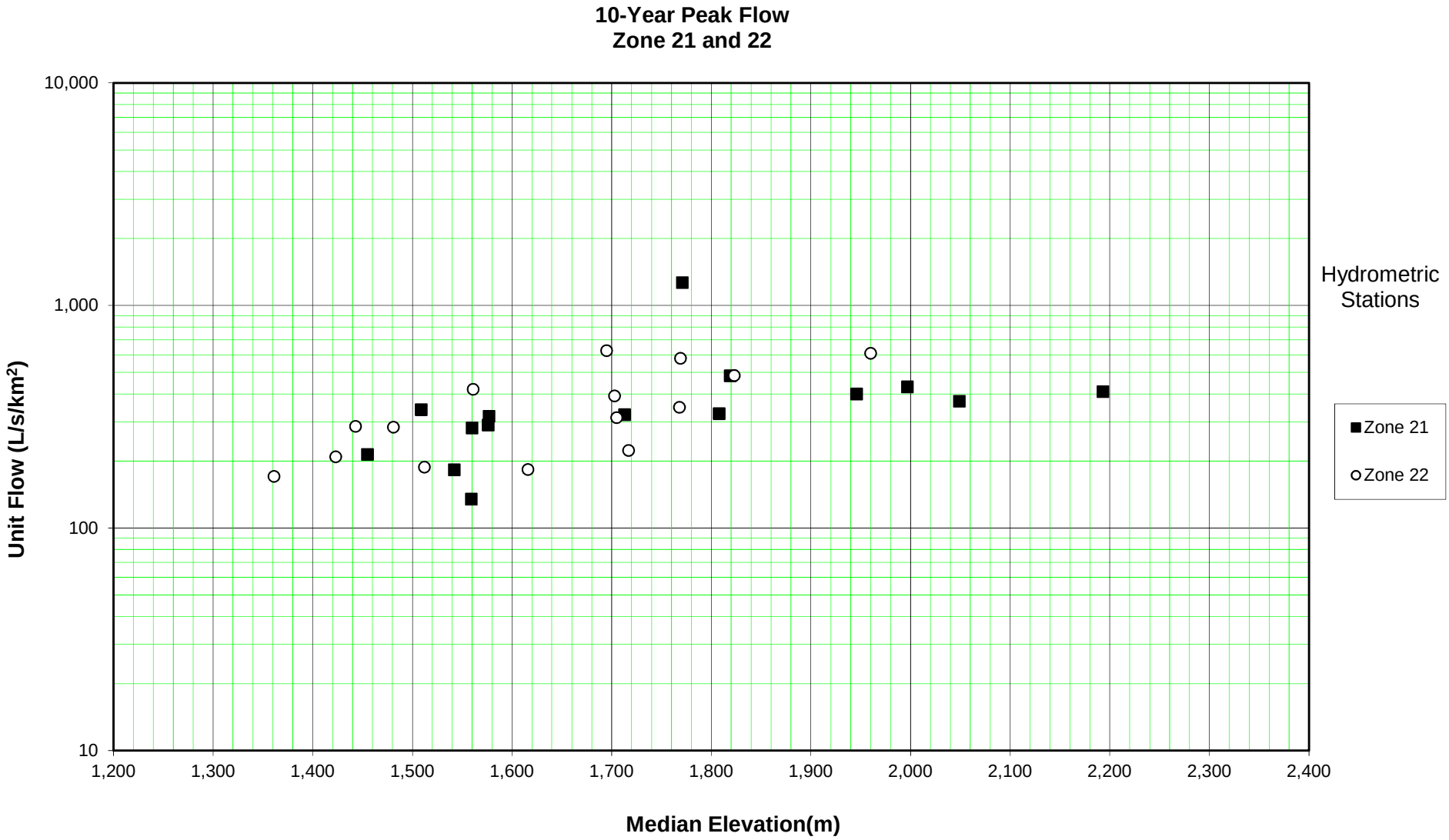


Figure 4-c 10-Year Peak Instantaneous Unit Flow vs Median Elevation (page 2 of 2)

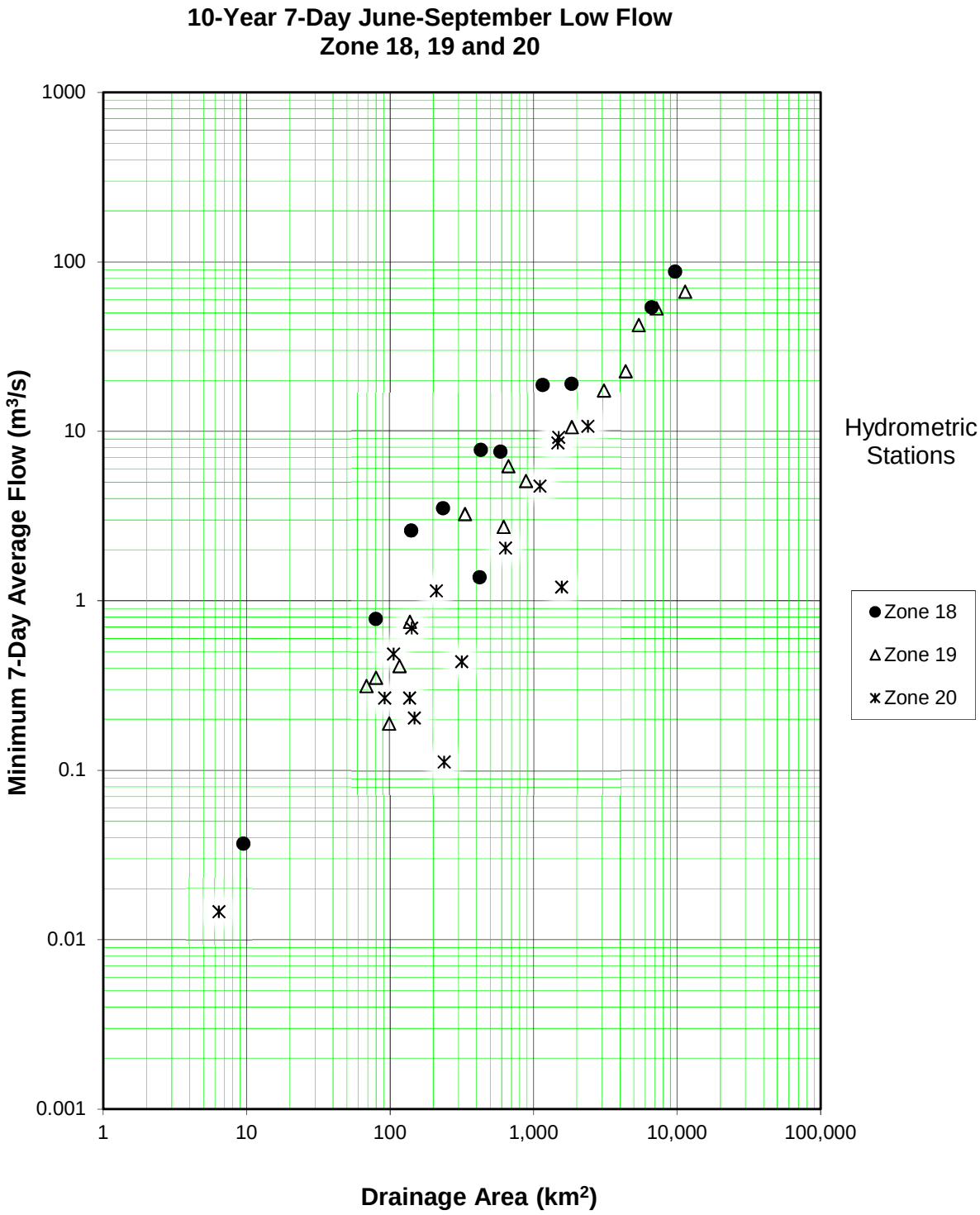


Figure 5-a 10-Year 7-Day June-September Low Flow vs Drainage Area (page 1 of 2)

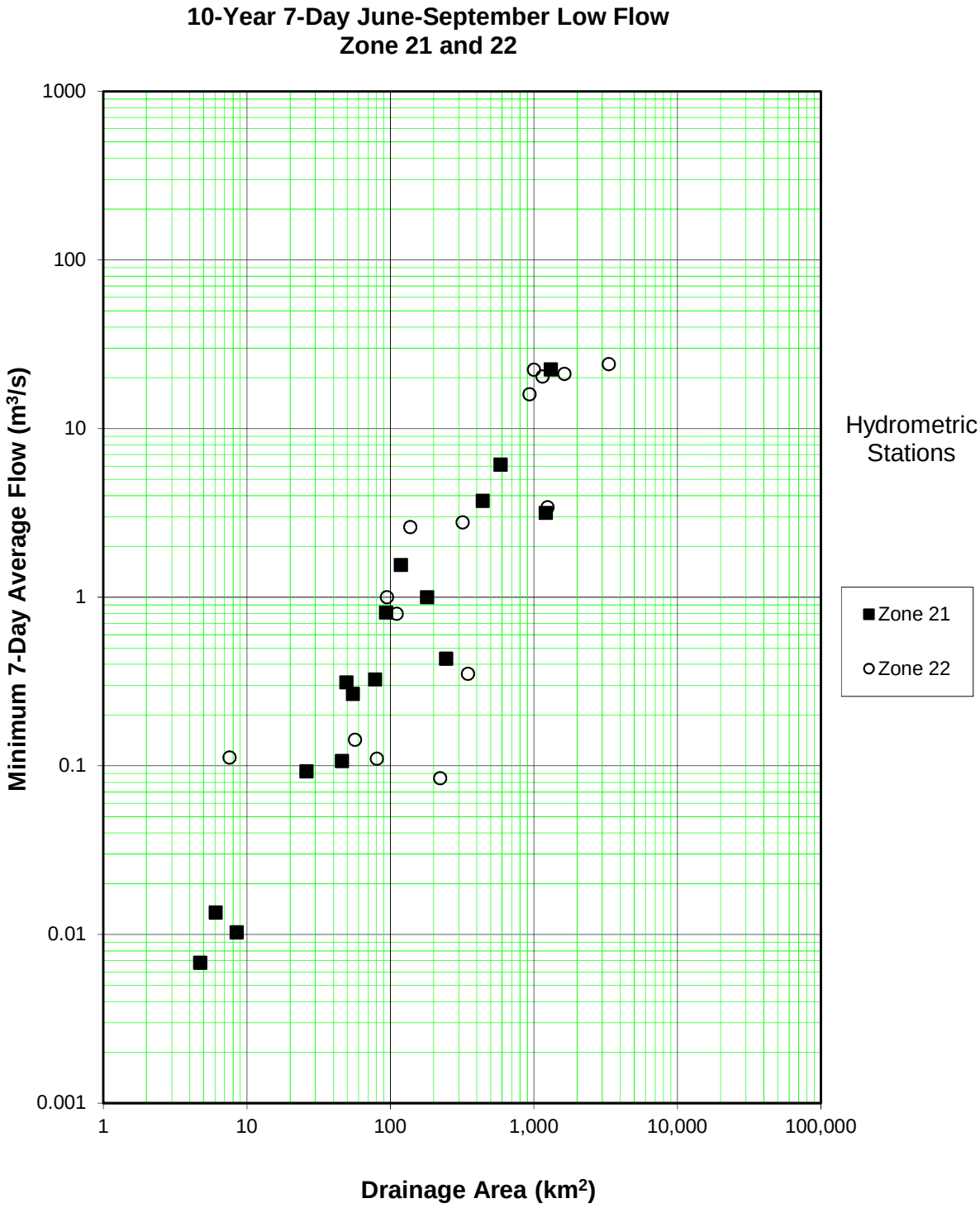


Figure 5-a 10-Year 7-Day June-September Low Flow vs Drainage Area (page 2 of 2)

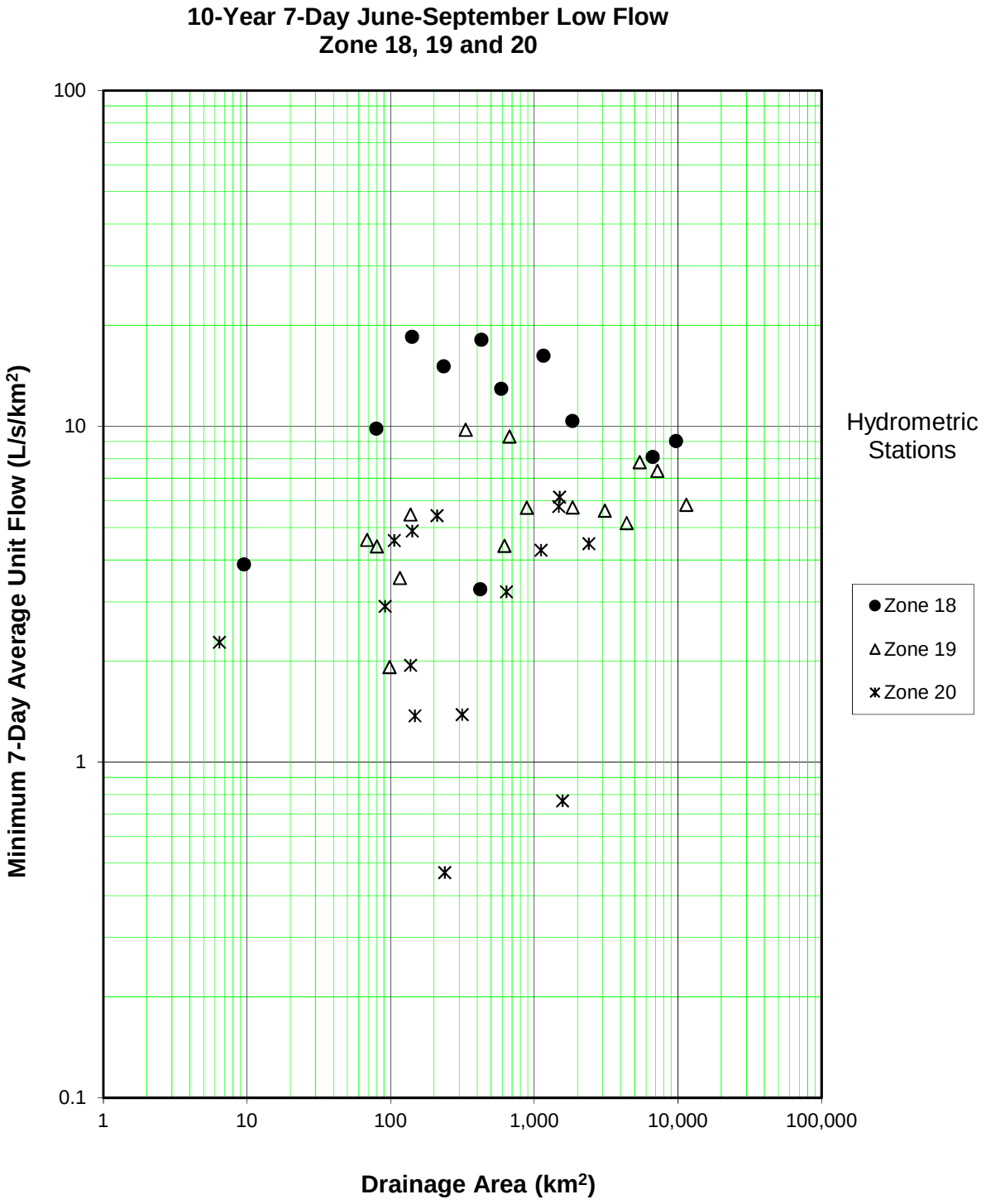


Figure 5-b 10-Year 7-Day June-September Low Flow per Unit Area vs Drainage Area (page 1 of 2)

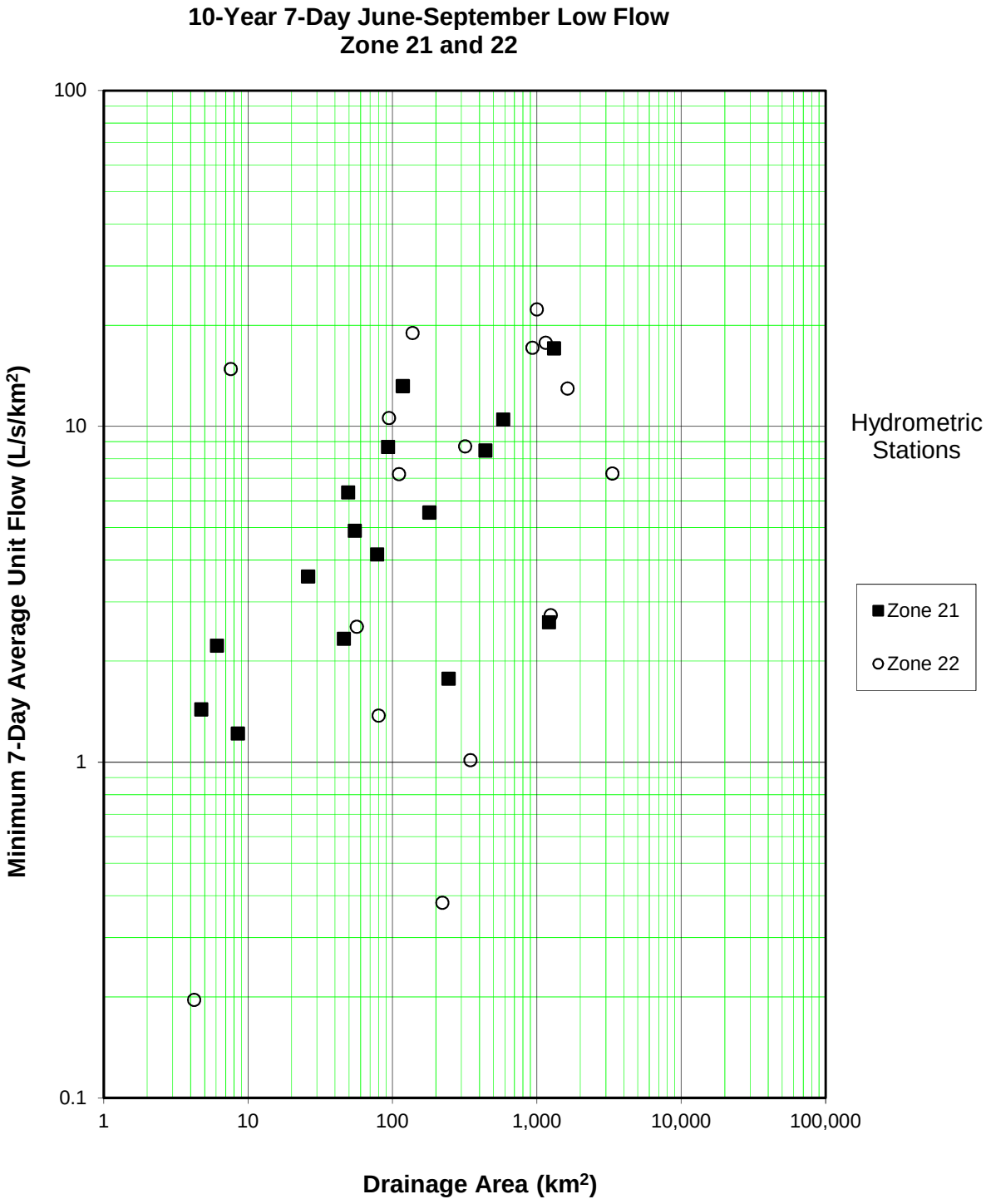


Figure 5-b 10-Year 7-Day June-September Low Flow per Unit Area vs Drainage Area (page 2 of 2)

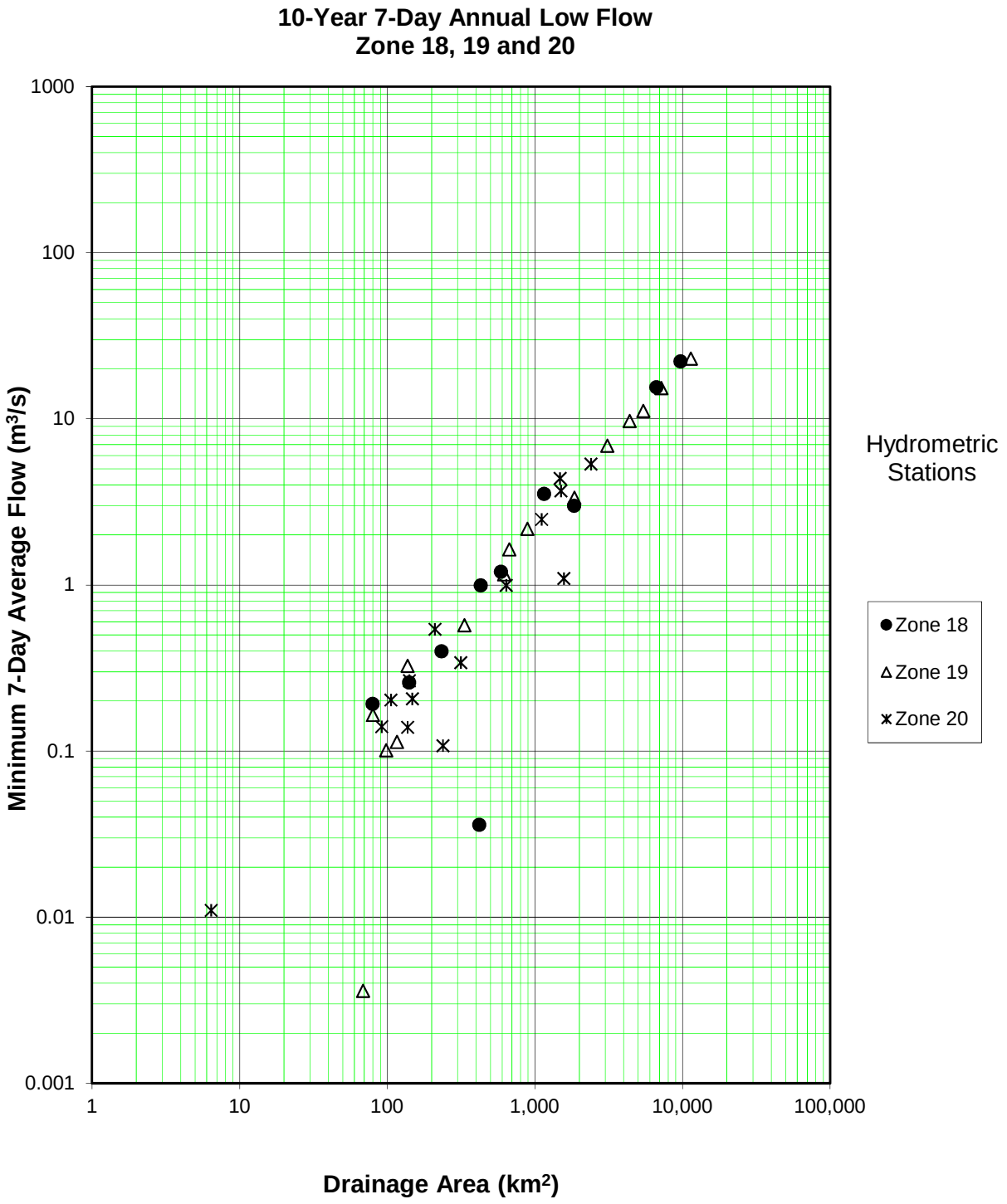


Figure 6-a 10-Year 7-Day Annual Low Flow vs Drainage Area (page 1 of 2)

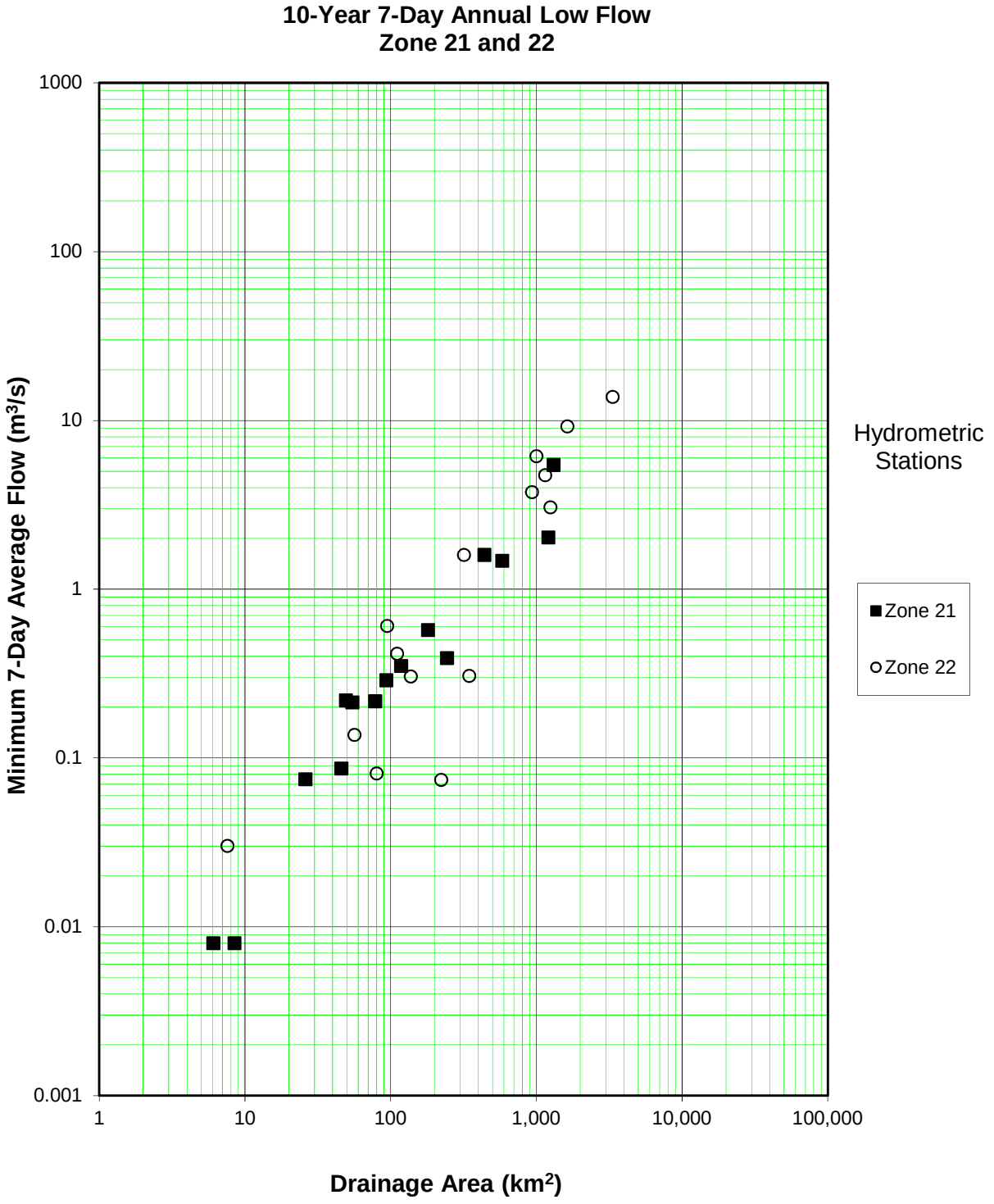


Figure 6-a 10-Year 7-Day Annual Low Flow vs Drainage Area (page 2 of 2)

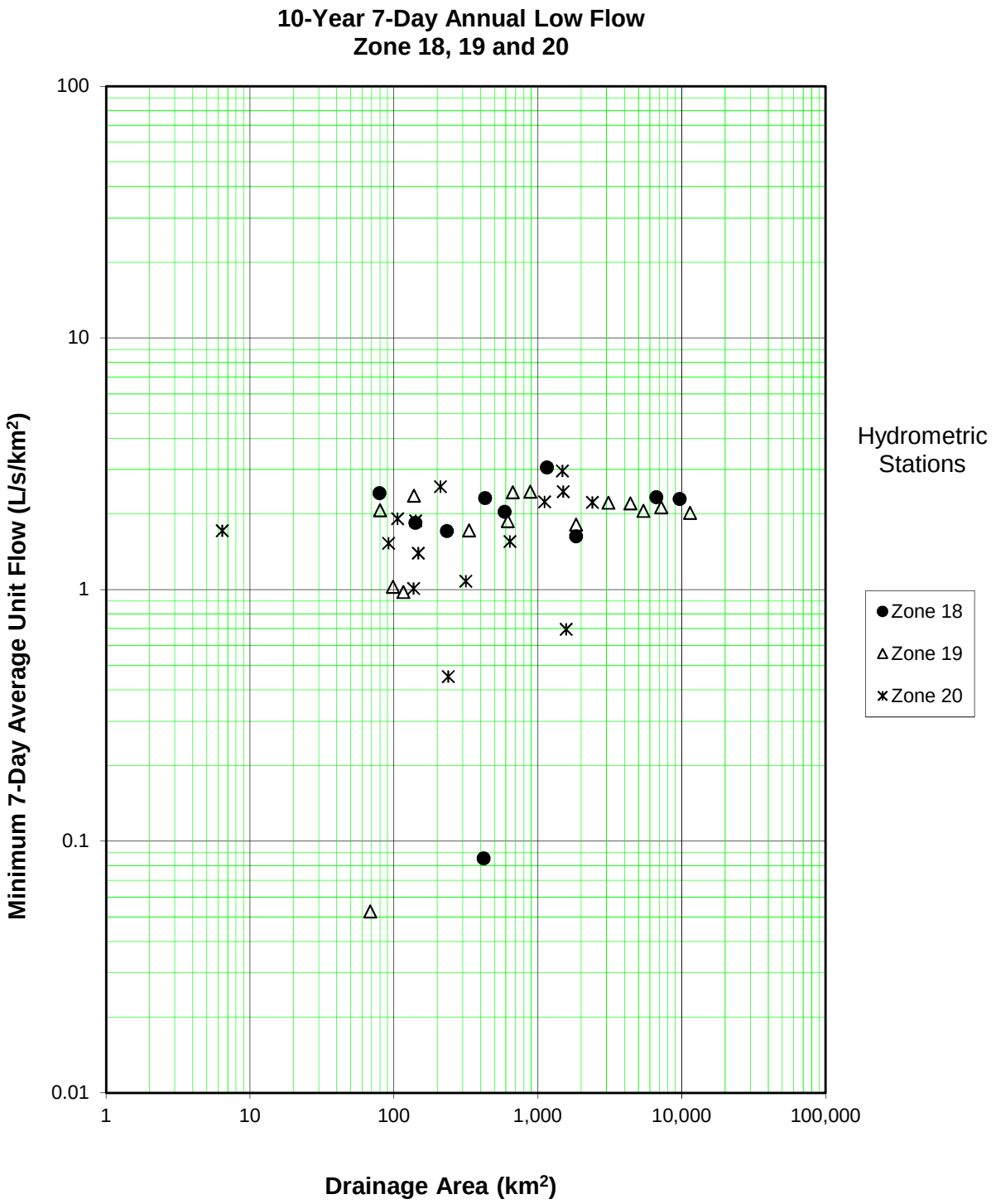


Figure 6-b 10-Year 7-Day Annual Low Flow per Unit Area vs Drainage Area (page 1 of 2)

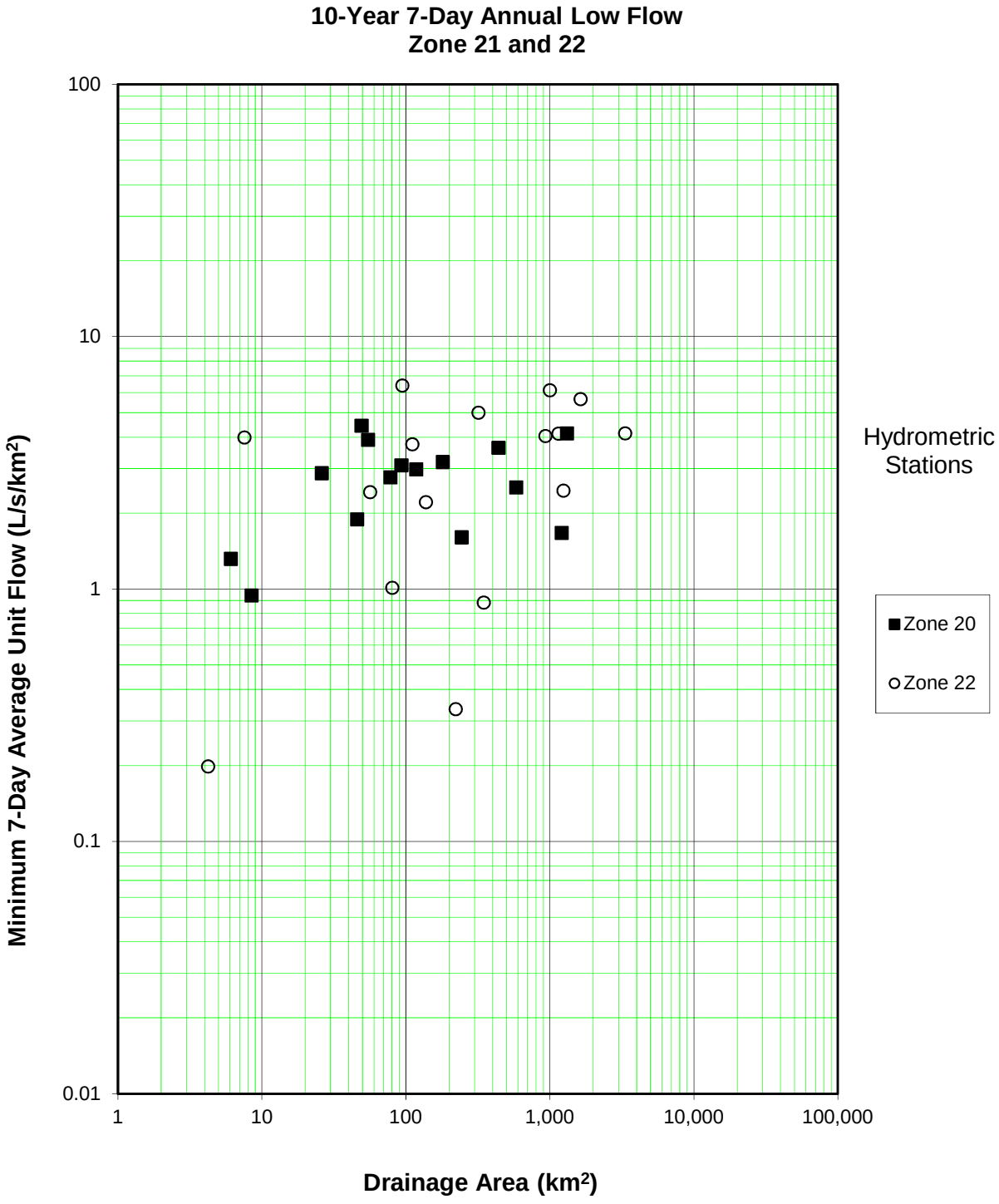


Figure 6-b 10-Year 7-Day Annual Low Flow per Unit Area vs Drainage Area (page 2 of 2)

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	Annual Flow Ratio: 10-Year : Avg Year Low	Peak Flow: 10 - Year (m^3/s)	Peak Flow: Ratio 100-Yr:10-Yr	10-Year 7-Day Low Flow: Jun-Sep (m^3/s)	10-Year 7-Day Low Flow: Annual (m^3/s)
18	Beaver	08NB019	1156.47	1904	1126	41.28	2	1	2	4	15	24	22	14	7	4	3	2	1.132	0.864	311.28	1.460	18.783	3.535
18	Blaeberry-Ensign	08NB015	233.48	2169	1021	7.55	1	1	1	2	13	23	23	18	8	4	2	2	1.158	0.863	58.02	1.355	3.525	0.399
18	Blaeberry-Willowbank	08NB012	588.02	2010	891	16.60	1	1	1	3	13	24	24	16	8	4	3	2	1.148	0.849	125.60	1.346	7.600	1.200
18	Carbonate	08NA037	9.52	1708																	1.05	1.637	0.037	
18	Columbia-Donald	08NB005	9692.93	1821	537	164.80	2	2	2	3	11	24	24	15	8	5	3	2	1.177	0.823	906.10	1.326	87.600	22.200
18	Columbia-Nicholson	08NA002	6656.35	1791	492	103.83	2	2	2	3	10	24	25	15	7	5	3	2	1.189	0.814	586.40	1.300	53.900	15.500
18	Gold-Bachelor	08NB013	140.67	2152	1569	6.99	1	1	1	1	9	21	26	24	10	4	1	1	1.119	0.878	70.00	1.391	2.597	0.259
18	Gold-Palmer	08NB014	429.13	2097	1339	18.20	1	1	1	2	11	24	26	19	9	4	2	1	1.130	0.881	151.53	1.344	7.765	0.992
18	Kicking Horse	08NA006	1840.85	1948	687	40.05	1	1	1	3	13	27	24	14	7	4	2	2	1.152	0.838	339.60	1.341	19.100	3.000
18	Kootenay-Crossing	08NF001	420.92	1641	353	4.71	1	0	0	3	21	33	21	9	5	3	2	1	1.328	0.680	45.84	1.308	1.378	0.036
18	Split	08NB016	79.45	1996	653	1.64	2	2	2	3	14	26	21	12	7	5	3	2	1.196	0.818	15.71	1.350	0.782	0.192
19	Albert	08NF005	68.43	2082	728	1.58	1	0	0	1	22	36	22	8	4	3	2	1	1.278	0.751	24.39	1.586	0.314	0.004
19	Columbia-Fairmont	08NA045	888.15	1846	341	9.61	3	3	3	3	11	27	23	11	6	5	4	3	1.261	0.759	68.47	1.495	5.084	2.177
19	Elk-Fernie	08NK002	3103.93	1866	460	45.25	3	2	3	6	21	28	14	7	5	4	4	3	1.313	0.720	496.74	1.755	17.411	6.879
19	Elk-Natal	08NK016	1847.75	1967	416	24.37	2	2	2	4	19	30	17	8	6	5	3	3	1.270	0.737	281.6	1.803	10.592	3.352
19	Elk-Phillips	08NK005	4391.64	1806	506	70.45	3	2	3	8	24	27	13	6	4	4	4	3	1.322	0.684	782.30	1.400	22.632	9.672
19	Elk-Weary	08NK027	332.97	2,089	632	6.67	1	1	1	3	17	30	20	12	6	4	3	2	1.193	0.845	65.48	1.567	3.250	0.572
19	Fording	08NK018	619.32	1975	391	7.67	2	2	3	5	22	30	14	7	5	4	3	3	1.333	0.701	125.99	2.390	2.730	1.158
19	Fording	08NK021	116.25	2093	452	1.66	1	1	2	6	28	32	15	6	4	3	2	1	1.390	0.684	37.46	2.109	0.411	0.114
19	Grave	08NK019	80.06	1730	408	1.04	2	2	3	9	27	25	11	6	4	4	4	3	1.369	0.612	13.10	1.705	0.352	0.165
19	Kootenay- Ft Steele	08NG065	11420.46	1787	460	166.45	2	2	2	4	18	29	18	9	5	4	3	2	1.241	0.767	1365.94	1.320	66.737	23.013
19	Kootenay-Canal Flats	08NF002	5425.73	1863	510	87.70	2	2	2	3	17	27	20	10	6	4	3	2	1.220	0.807	761.88	1.282	42.374	11.146
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	478	109.07	2	2	2	3	17	28	20	10	6	4	3	2	1.202	0.803	893.94	1.306	53.097	15.310
19	Line	08NK022	137.60	1974	463	2.02	2	2	3	5	22	29	13	7	5	5	4	3	1.318	0.700	31.36	1.939	0.752	0.325
19	Mark	08NG085	98.39	1757	390	1.21	2	1	2	6	34	30	12	4	3	2	2	2	1.341	0.692	19.3	1.746	0.189	0.101
19	Palliser	08NF006	670.17	1,981	701	14.89	2	1	1	4	19	28	20	10	6	4	3	2	1.216	0.800	137.55	1.522	6.240	1.635
20	Bull	08NG002	1499.46	1783	638	30.30	2	2	3	8	25	27	13	6	4	4	4	2	1.269	0.723	330.78	1.354	9.219	3.676
20	Cabin	08NP004	91.64	1792	658	1.91	2	2	3	10	35	27	7	3	3	3	4	2	1.292	0.724	35.0	1.325	0.267	0.140
20	Caven	08NG078	315.36	1448	221	2.21	3	3	5	15	31	18	7	4	3	3	4	3	1.503	0.570	27.59	1.434	0.436	0.341
20	Couldrey	08NP002	106.07	1785	718	2.41	2	1	2	9	29	28	11	4	3	3	4	2	1.353	0.654	26.59	1.325	0.485	0.203
20	Flathead	08NP001	1112.13	1752	659	23.22	2	2	2	10	33	26	9	4	3	3	4	2	1.286	0.700	335.1	1.473	4.755	2.485
20	Hosmer	08NK026	6.42	1672	583	0.12	2	2	5	14	35	23	6	2	2	3	4	3	1.334	0.693	2.50	2.449	0.015	0.011
20	Howell	08NP003	141.55	1820	621	2.79	2	2	2	10	30	27	12	6	3	3	4	3	1.281	0.755	28.63	1.555	0.691	0.266
20	Mather	08NG076	137.25	1469	286	1.24	2	2	3	10	27	29	12	5	3	3	3	2	1.442	0.578	17.47	1.683	0.266	0.139
20	Matthew	08NG086	147.89	1950	636	2.98	1	1	1	6	28	34	14	5	3	2	2	1	1.342	0.705	55.76	1.576	0.203	0.207
20	Michel	08NK020	639.00	1791	500	10.12	2	2	2	9	33	27	10	4	3	3	3	2	1.401	0.660	145.10	1.435	2.052	0.993
20	Moyie-Eastport	08NH006	1573.82	1471	364	18.16	2	2	5	16	36	23	6	2	1	1	3	3	1.382	0.613	219.11	1.300	1.206	1.094
20	Moyie-Negro	08NH120	238.30	1691	587	4.43	1	1	2	12	39	28	6	1	1	2	4	2	1.384	0.636	97.98	1.609	0.112	0.107
20	St. Mary-Marysville	08NG046	1479.07	1918	817	38.29	2	1	2	6	24	30	17	6	3	3	3	2	1.251	0.758	403.49	1.295	8.532	4.376
20	St. Mary-Morris	08NG077	210.91	1882	1056	7.06	2	1	2	6	25	32	16	5	3	4	3	2	1.248	0.759	97.3	1.611	1.143	0.541
20	St. Mary-Wycliffe	08NG012	2395.46	1822	646	49.01	2	1	2	7	25	30	16	6	3	3	3	2	1.260	0.742	568.16	1.550	10.698	5.326

Table 2: Kootenay/Boundary Region Streamflow Summary (page 1 of 2)

Hydro-logic Zone	Watershed		Drainage Area	Median Elevation	Normal Annual Runoff[1]		Monthly Distribution (%)												Annual Flow Ratio 10-Year : Avg Year		Peak Flow		10-Year 7-Day Low Flow	
	Stream	Hydrometric Station	(km^2)	(m)	(mm)	(m^3/s)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	High	Low	10 - Year (m^3/s)	Ratio 100-Yr:10-Yr	Jun-Sep (m^3/s)	Annual (m^3/s)
21	Anderson-Nelson	08NJ130	8.48	1455	414	0.11	2	2	5	15	35	22	7	3	2	2	2	2	1.398	0.631	1.81	1.944	0.010	0.008
21	Arrow	08NH084	78.31	1,577	672	1.67	2	2	4	12	31	26	8	3	3	3	3	3	1.358	0.656	24.9	1.322	0.325	0.217
21	Boundary-Porthill	08NH032	243.97	1509	734	5.67	2	2	5	15	37	23	5	2	2	2	4	3	1.300	0.677	83.07	1.372	0.432	0.391
21	Carney	08NH131	117.95	2193	1223	4.57	1	1	1	3	16	29	24	13	6	4	2	1	1.183	0.831	48.3	1.350	1.553	0.351
21	Duck	08NH016	49.32	1542	568	0.89	4	3	5	9	22	23	10	6	5	4	4	4	1.335	0.699	9.00	1.547	0.313	0.219
21	Duhamel	08NJ026	54.75	1576	839	1.46	3	2	4	11	26	26	10	4	3	4	5	3	1.276	0.728	15.90	1.628	0.268	0.213
21	Duncan-BB	08NH119	1314.22	1946	1480	61.63	1	1	1	4	16	25	22	13	6	4	3	2	1.135	0.859	525.20	1.370	22.417	5.437
21	Fell	08NJ129	4.73	1649	415	0.06	2	2	4	12	30	26	10	4	3	3	3	3	1.370	0.668			0.007	
21	Five Mile	08NJ168	45.90	1771	797	1.16	1	1	2	6	31	35	11	3	2	3	4	2	1.272	0.746	58.21	1.460	0.107	0.087
21	Fry	08NH130	583.94	2049	1016	18.81	1	1	1	4	19	29	21	10	5	4	3	2	1.236	0.787	216.99	1.447	6.122	1.477
21	Goat	08NH004	1211.03	1560	626	24.02	2	2	5	14	31	24	8	3	2	2	4	2	1.338	0.629	340.6	1.340	3.162	2.024
21	Kaslo	08NH005	440.46	1808	914	12.76	2	2	2	6	20	29	18	7	4	4	3	2	1.234	0.775	143.61	1.556	3.729	1.596
21	Keen	08NH132	93.28	1997	1115	3.30	1	1	1	4	20	31	20	8	4	4	3	2	1.201	0.805	40.19	1.588	0.810	0.289
21	Lemon	08NJ160	180.41	1713	803	4.59	2	2	3	6	25	31	14	5	3	4	4	3	1.270	0.752	58.21	1.460	1.000	0.575
21	Redfish	08NJ061	26.01	1819	1021	0.84	2	2	2	6	25	34	13	3	2	4	4	2	1.293	0.720	12.56	1.352	0.093	0.075
21	Sullivan	08NH115	6.07	1559	305	0.06	3	2	5	11	29	25	9	5	3	3	3	3	1.427	0.620	0.82	1.815	0.014	0.008
22	Beaton	08NE008	94.54	1512	861	2.58	3	3	3	7	18	25	16	7	5	4	5	4	1.237	0.761	17.77	1.461	1.000	0.605
22	Big Sheep	08NE039	346.84	1423	492	5.40	2	2	6	21	38	19	5	2	1	1	2	2	1.357	0.666	72.44	1.299	0.351	0.307
22	Burrell	08NN023	221.79	1443	604	4.25	1	1	4	18	38	23	6	1	1	1	2	2	1.306	0.720	63.46	1.265	0.085	0.074
22	Deer	08NE087	80.32	1361	350	0.89	2	2	4	11	29	29	11	3	2	2	3	2	1.382	0.642	13.69	1.382	0.111	0.081
22	Goldstream	08ND012	932.47	1705	1286	38.01	2	1	2	4	16	25	21	12	7	5	3	2	1.157	0.850	292.15	1.466	15.993	3.762
22	Hidden	08NE114	56.53	1561	888	1.59	2	2	5	13	31	24	7	2	2	3	5	3	1.290	0.723	23.76	1.668	0.143	0.137
22	Humphries	08NH138	7.57	1703	1296	0.31	2	1	2	4	17	27	18	10	6	5	4	3	1.191	0.819	2.97	1.359	0.112	0.030
22	Illecillewaet	08ND013	1149.20	1768	1432	52.14	1	1	2	5	16	25	21	13	7	5	3	2	1.145	0.857	400.88	1.379	20.389	4.747
22	Incomappleux	08NE001	1000.98	1823	1729	54.84	2	1	2	6	16	23	20	14	7	4	3	2	1.120	0.875	485.02	1.592	22.304	6.142
22	Kuskanax-1040	08NE117	110.67	1769	1502	5.27	1	1	1	6	27	32	16	5	3	4	3	2	1.180	0.824	64.0	1.362	0.798	0.415
22	Kuskanax-Nakusp	08NE006	319.02	1695	1336	13.50	2	1	2	6	24	29	15	5	4	5	4	2	1.241	0.789	199.68	2.892	2.780	1.594
22	Lardeau	08NH007	1632.11	1717	1085	56.10	2	2	2	5	18	27	19	9	5	4	4	3	1.179	0.830	363.92	1.224	21.135	9.226
22	Salmo	08NE074	1245.59	1481	794	31.35	3	3	5	14	31	24	8	3	2	2	4	3	1.264	0.743	353.80	1.331	3.413	3.055
22	Slocan	08NJ013	3329.22	1616	863	91.04	2	2	3	7	20	28	17	7	4	4	4	3	1.232	0.773	609.57	1.295	24.103	13.782
22	Smoky	08NJ162	4.24	1108	347	0.05	3	5	13	32	24	10	5	2	1	1	3	3	1.399	0.683			0.001	0.001
22	Stitt	08ND018	137.52	1960	1547	6.74	1	1	1	3	14	23	24	16	8	5	3	2	1.222	0.763	83.74	1.725	2.606	0.304

Table 2: Kootenay/Boundary Region Streamflow Summary (page 2 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
Beaver	08NB019	18	1904	1156.47	1126	26	311.28	269.16	33	47.73	1.132	33	36.42	0.864	33	18.783	16.24	33	3.535	3.06	33
Blaeberry-Ensign	08NB015	18	2169	233.48	1021	15	58.02	248.51	22	8.70	1.158	22	6.49	0.863	22	3.525	15.10	22	0.399	1.71	23
Blaeberry-Willowbank	08NB012	18	2010	588.02	891	27	125.60	213.60	46	19.20	1.148	45	14.20	0.849	48	7.600	12.92	47	1.200	2.04	48
Carbonate	08NA037	18	1708	9.52			1.05	110.77	23							0.037	3.88	27			
Columbia-Donald	08NB005	18	1821	9692.93	537	30	906.10	93.48	73	201.30	1.177	71	140.80	0.823	72	87.600	9.04	73	22.200	2.29	73
Columbia-Nicholson	08NA002	18	1791	6656.35	492	30	586.40	88.10	112	127.70	1.189	98	87.40	0.814	99	53.900	8.10	113	15.500	2.33	100
Gold-Bachelor	08NB013	18	2152	140.67	1569	14	70.00	497.61	21	7.70	1.119	21	6.04	0.878	21	2.597	18.46	21	0.259	1.84	22
Gold-Palmer	08NB014	18	2097	429.13	1339	30	151.53	353.11	45	20.60	1.130	45	16.06	0.881	45	7.765	18.09	45	0.992	2.31	45
Kicking Horse	08NA006	18	1948	1840.85	687	30	339.60	184.48	54	46.90	1.152	46	34.10	0.838	49	19.100	10.38	54	3.000	1.63	44
Kootenay-Crossing	08NF001	18	1641	420.92	353	30	45.84	108.90	75	6.44	1.328	67	3.30	0.680	67	1.378	3.27	75	0.036	0.09	73
Split	08NB016	18	1996	79.45	653	28	15.71	197.74	44	1.99	1.196	42	1.36	0.818	43	0.782	9.84	43	0.192	2.42	44
Albert	08NF005	19	2082	68.43	728	18	24.39	356.45	26	2.04	1.278	26	1.20	0.751	26	0.314	4.58	26	0.004	0.05	27
Columbia-Fairmont	08NA045	19	1846	888.15	341	15	68.47	77.09	51	13.22	1.261	50	7.96	0.759	50	5.084	5.72	51	2.177	2.45	51
Elk-Fernie	08NK002	19	1866	3103.93	460	30	496.74	160.03	50	62.09	1.313	49	34.05	0.720	48	17.411	5.61	48	6.879	2.22	48
Elk-Natal	08NK016	19	1967	1847.75	416	30	281.58	152.39	66	33.16	1.270	63	19.25	0.737	64	10.592	5.73	66	3.352	1.81	67
Elk-Phillips	08NK005	19	1806	4391.64	506	15	782.30	178.13	72	99.94	1.322	65	51.68	0.684	67	22.632	5.15	71	9.672	2.20	70
Elk-Weary	08NK027	19	2089	332.97	632	14	65.48	196.64	15	7.96	1.193	14	5.64	0.845	14	3.250	9.76	14	0.572	1.72	15
Fording	08NK018	19	1975	619.32	391	30	125.99	203.43	48	10.71	1.333	48	5.63	0.701	48	2.730	4.41	48	1.158	1.87	48
Fording	08NK021	19	2093	116.25	452	14	37.46	322.24	24	2.42	1.390	22	1.19	0.684	22	0.411	3.54	23	0.114	0.98	23
Grave	08NK019	19	1730	80.06	408	18	13.10	163.58	29	1.49	1.369	29	0.67	0.612	29	0.352	4.39	29	0.165	2.06	30
Kootenay- Ft Steele	08NG065	19	1787	11420.46	460	30	1365.94	119.60	54	215.12	1.241	54	133.05	0.767	54	66.737	5.84	54	23.013	2.02	54
Kootenay-Canal Flats	08NF002	19	1863	5425.73	510	14	761.88	140.42	42	107.27	1.220	36	70.97	0.807	30	42.374	7.81	42	11.146	2.05	38
Kootenay-Skookumchuck	08NG053	19	1865	7207.23	478	15	893.94	124.03	46	135.96	1.202	45	90.86	0.803	45	53.097	7.37	45	15.310	2.12	46
Line	08NK022	19	1974	137.60	463	30	31.36	227.87	47	2.79	1.318	46	1.48	0.700	46	0.752	5.46	46	0.325	2.36	46
Mark	08NG085	19	1757	98.39	390	8	19.28	195.91	8	1.63	1.341	8	0.84	0.692	9	0.189	1.92	9	0.101	1.03	10
Palliser	08NF006	19	1981	670.17	701	14	137.55	205.24	22	18.07	1.216	22	11.89	0.800	22	6.240	9.31	22	1.635	2.44	23
Bull	08NG002	20	1783	1499.46	638	30	330.78	220.60	98	41.36	1.269	90	23.56	0.723	92	9.219	6.15	98	3.676	2.45	90
Cabin	08NP004	20	1792	91.64	658	30	35.05	382.41	40	2.57	1.292	40	1.44	0.724	40	0.267	2.91	40	0.140	1.53	40
Caven	08NG078	20	1448	315.36	221	14	27.59	87.50	22	3.27	1.503	22	1.24	0.570	22	0.436	1.38	22	0.341	1.08	22
Couldrey	08NP002	20	1785	106.07	718	11	26.59	250.67	19	3.33	1.353	18	1.61	0.654	18	0.485	4.57	19	0.203	1.91	19
Flathead	08NP001	20	1752	1112.13	659	21	335.14	301.35	81	32.80	1.286	55	17.85	0.700	57	4.755	4.28	80	2.485	2.23	58
Hosmer	08NK026	20	1672	6.42	583	27	2.50	390.08	36	0.16	1.334	34	0.08	0.693	34	0.015	2.27	36	0.011	1.71	34
Howell	08NP003	20	1820	141.55	621	15	28.63	202.24	19	3.54	1.281	18	2.08	0.755	18	0.691	4.88	18	0.266	1.88	19
Mather	08NG076	20	1469	137.25	286	30	17.47	127.32	45	1.93	1.442	45	0.77	0.578	45	0.266	1.94	45	0.139	1.01	45
Matthew	08NG086	20	1950	147.89	636	9	55.76	377.04	10	4.00	1.342	9	2.10	0.705	9	0.203	1.37	9	0.207	1.40	10
Michel	08NK020	20	1791	639.00	500	14	145.10	227.08	25	15.11	1.401	25	7.12	0.660	25	2.052	3.21	25	0.993	1.55	25
Moyie-Eastport	08NH006	20	1471	1573.82	364	30	219.11	139.22	88	26.79	1.382	87	11.89	0.613	87	1.206	0.77	87	1.094	0.70	87
Moyie-Negro	08NH120	20	1691	238.30	587	30	97.98	411.14	52	6.62	1.384	52	3.04	0.636	52	0.112	0.47	52	0.107	0.45	52
St. Mary-Marysville	08NG046	20	1918	1479.07	817	14	403.49	272.80	48	50.49	1.251	47	30.58	0.758	48	8.532	5.77	47	4.376	2.96	46
St. Mary-Morris	08NG077	20	1882	210.91	1056	30	97.26	461.15	45	8.92	1.248	45	5.43	0.759	45	1.143	5.42	45	0.541	2.56	45
St. Mary-Wycliffe	08NG012	20	1822	2395.46	646	14	568.16	237.18	53	64.50	1.260	45	37.99	0.742	46	10.698	4.47	48	5.326	2.22	49

Table 3: Summary of Streamflow Characteristics-Kootenay/Boundary Region (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
Anderson-Nelson	08NJ130	21	1455	8.48	414	30	1.81	214.03	57	0.16	1.398	51	0.07	0.631	51	0.010	1.22	57	0.008	0.94	51
Arrow	08NH084	21	1577	78.31	672	30	24.85	317.38	57	2.35	1.358	54	1.13	0.656	57	0.325	4.15	58	0.217	2.77	48
Boundary-Porthill	08NH032	21	1509	243.97	734	27	83.07	340.50	89	7.39	1.300	84	3.84	0.677	86	0.432	1.77	86	0.391	1.60	86
Carney	08NH131	21	2193	117.95	1223	23	48.34	409.84	32	5.35	1.183	30	3.76	0.831	30	1.553	13.17	31	0.351	2.98	30
Duck	08NH016	21	1542	49.32	568	30	9.00	182.53	53	1.25	1.335	46	0.65	0.699	47	0.313	6.35	51	0.219	4.44	48
Duhamel	08NJ026	21	1576	54.75	839	15	15.90	290.39	24	1.95	1.276	22	1.12	0.728	22	0.268	4.89	23	0.213	3.90	23
Duncan-BB	08NH119	21	1946	1314.22	1480	30	525.20	399.62	55	70.74	1.135	54	53.52	0.859	54	22.417	17.06	55	5.437	4.14	54
Fell	08NJ129	21	1649	4.73	415	15				0.09	1.370	29	0.04	0.668	29	0.007	1.44	29			
Five Mile	08NJ168	21	1771	45.90	797	27	58.21	1268.18	33	1.54	1.272	31	0.90	0.746	31	0.107	2.33	31	0.087	1.89	31
Fry	08NH130	21	2049	583.94	1016	30	216.99	371.60	44	24.03	1.236	43	15.31	0.787	43	6.122	10.48	43	1.477	2.53	43
Goat	08NH004	21	1560	1211.03	626	14	340.59	281.24	74	34.34	1.338	61	16.15	0.629	67	3.162	2.61	66	2.024	1.67	64
Kaslo	08NH005	21	1808	440.46	914	30	143.61	326.04	60	16.36	1.234	57	10.28	0.775	58	3.729	8.47	59	1.596	3.62	60
Keen	08NH132	21	1997	93.28	1115	30	40.19	430.87	44	4.02	1.201	44	2.69	0.805	44	0.810	8.69	44	0.289	3.10	44
Lemon	08NJ160	21	1713	180.41	803	30	58.21	322.62	45	6.05	1.270	44	3.58	0.752	44	1.000	5.54	44	0.575	3.18	44
Redfish	08NJ061	21	1819	26.01	1021	23	12.56	482.71	45	1.13	1.293	43	0.63	0.720	44	0.093	3.57	45	0.075	2.88	45
Sullivan	08NH115	21	1559	6.07	305	28	0.82	134.70	54	0.09	1.427	51	0.04	0.620	51	0.014	2.22	54	0.008	1.32	53
Beaton	08NE008	22	1512	94.54	861	27	17.77	187.92	64	3.40	1.237	60	2.09	0.761	63	1.000	10.58	64	0.605	6.40	64
Big Sheep	08NE039	22	1423	346.84	492	30	72.44	208.85	69	7.66	1.357	68	3.76	0.666	68	0.351	1.01	68	0.307	0.88	68
Burrell	08NN023	22	1443	221.79	604	30	63.46	286.11	42	5.59	1.306	42	3.08	0.720	42	0.085	0.38	42	0.074	0.33	42
Deer	08NE087	22	1361	80.32	350	30	13.69	170.44	59	1.26	1.382	57	0.58	0.642	59	0.111	1.38	59	0.081	1.01	59
Goldstream	08ND012	22	1705	932.47	1286	30	292.15	313.30	55	44.78	1.157	53	32.92	0.850	54	15.993	17.15	54	3.762	4.03	54
Hidden	08NE114	22	1561	56.53	888	30	23.76	420.25	45	2.11	1.290	44	1.18	0.723	44	0.143	2.53	44	0.137	2.42	44
Humphries	08NH138	22	1703	7.57	1296	12	2.97	392.57	17	0.38	1.191	16	0.26	0.819	16	0.112	14.81	16	0.030	3.99	16
Illecillewaet	08ND013	22	1768	1149.20	1432	30	400.88	348.84	54	60.71	1.145	54	45.43	0.857	54	20.389	17.74	54	4.747	4.13	54
Incomappleux	08NE001	22	1823	1000.98	1729	15	485.02	484.55	44	62.54	1.120	43	48.84	0.875	43	22.304	22.28	43	6.142	6.14	43
Kuskanax-1040	08NE117	22	1769	110.67	1502	15	63.99	578.20	23	6.31	1.180	23	4.41	0.824	22	0.798	7.21	22	0.415	3.75	22
Kuskanax-Nakusp	08NE006	22	1695	319.02	1336	30	199.68	625.93	52	17.29	1.241	52	10.99	0.789	52	2.780	8.71	52	1.594	5.00	52
Lardeau	08NH007	22	1717	1632.11	1085	23	363.92	222.98	69	69.25	1.179	66	48.73	0.830	67	21.135	12.95	67	9.226	5.65	67
Salmo	08NE074	22	1481	1245.59	794	30	353.80	284.04	69	40.41	1.264	68	23.77	0.743	68	3.413	2.74	68	3.055	2.45	68
Slocan	08NJ013	22	1616	3329.22	863	30	609.6	183.10	93	110.3	1.232	92	69.2	0.773	94	24.103	7.24	93	13.782	4.14	92
Smoky	08NJ162	22	1108	4.24	347	11				0.07	1.399	11	0.03	0.683	11	0.001	0.20	11	0.001	0.20	11
Stitt	08ND018	22	1960	137.52	1547	18	83.74	608.92	26	8.40	1.222	26	5.25	0.763	26	2.606	18.95	26	0.304	2.21	26

Table 3: Summary of Streamflow Characteristics-Kootenay/Boundary Region (page 2 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
18	Beaver	08NB019	1156.47	1904	505.34	454.59	407.75	364.34	351.01	311.28	273.45	223.47	192.97	166.26	33
18	Blaeberry-Ensign	08NB015	233.48	2169	85.34	78.63	72.20	65.99	64.04	58.02	51.99	43.38	37.48	31.25	22
18	Blaeberry-Willowbank	08NB012	588.02	2010	182.50	169.00	155.80	142.80	138.60	125.60	112.20	92.00	77.20	59.80	46
18	Carbonate	08NA037	9.52	1708	1.93	1.73	1.52	1.32	1.26	1.05	0.84	0.54	0.33	0.13	23
18	Columbia-Donald	08NB005	9692.93	1821	1291.30	1201.10	1112.30	1024.00	995.60	906.10	812.80	670.90	565.20	437.70	73
18	Columbia-Nicholson	08NA002	6656.35	1791	811.70	762.50	712.20	660.00	642.60	586.40	524.70	423.80	341.80	233.10	112
18	Gold-Bachelor	08NB013	140.67	2152	106.40	97.40	88.80	80.60	78.00	70.00	62.00	50.60	42.70	34.30	21
18	Gold-Palmer	08NB014	429.13	2097	220.59	203.61	187.35	171.67	166.72	151.53	136.32	114.64	99.90	84.57	45
18	Kicking Horse	08NA006	1840.85	1948	490.10	455.50	421.10	386.50	375.30	339.60	302.00	243.60	199.00	143.50	54
18	Kootenay-Crossing	08NF001	420.92	1641	63.86	59.96	55.94	51.76	50.37	45.84	40.85	32.64	25.95	17.10	75
18	Split	08NB016	79.45	1996	22.76	21.21	19.63	18.00	17.46	15.71	13.80	10.72	8.27	5.15	44
19	Albert	08NF005	68.43	2082	43.60	38.68	34.08	29.76	28.42	24.39	20.48	15.12	11.60	7.94	26
19	Columbia-Fairmont	08NA045	888.15	1846	113.50	102.34	91.70	81.49	78.29	68.47	58.68	44.74	35.16	24.64	51
19	Elk-Fernie	08NK002	3103.93	1866	1004.95	871.66	748.80	635.18	600.35	496.74	398.31	267.83	186.10	105.69	50
19	Elk-Natal	08NK016	1847.75	1967	592.23	507.67	431.57	362.88	342.17	281.58	225.53	153.76	110.45	69.32	66
19	Elk-Phillips	08NK005	4391.64	1806	1181.54	1095.39	1006.37	913.55	882.64	782.30	672.39	495.10	356.61	189.08	72
19	Elk-Weary	08NK027	332.97	2089	115.81	102.60	90.44	79.20	75.75	65.48	55.68	42.61	34.35	26.29	15
19	Fording	08NK018	619.32	1975	381.39	301.06	235.48	181.98	166.94	125.99	92.30	55.50	37.12	22.89	48
19	Fording	08NK021	116.25	2093	96.65	78.99	64.03	51.36	47.70	37.46	28.66	18.45	12.98	8.44	24
19	Grave	08NK019	80.06	1730	25.53	22.34	19.35	16.56	15.69	13.10	10.59	7.20	5.03	2.83	29
19	Kootenay- Ft Steele	08NG065	11420.46	1787	1932.42	1803.55	1674.52	1544.08	1501.50	1365.94	1221.54	994.98	819.44	597.37	54
19	Kootenay-Canal Flats	08NF002	5425.73	1863	1031.49	976.39	917.81	854.79	833.32	761.88	680.16	539.09	418.48	253.97	42
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	1248.61	1167.19	1086.09	1004.55	978.03	893.94	804.95	666.58	560.52	427.93	46
19	Line	08NK022	137.60	1974	72.31	60.81	50.66	41.69	39.03	31.36	24.44	15.92	11.00	6.55	47
19	Mark	08NG085	98.39	1757	38.82	33.66	28.93	24.57	23.23	19.28	15.53	10.59	7.50	4.46	8
19	Palliser	08NF006	670.17	1981	236.00	209.35	185.27	163.45	156.86	137.55	119.69	97.16	84.40	74.72	22
20	Bull	08NG002	1499.46	1783	480.58	447.74	414.14	379.43	367.93	330.78	290.30	224.97	173.16	107.30	98
20	Cabin	08NP004	91.64	1792	49.44	46.45	43.30	39.94	38.80	35.05	30.81	23.67	17.77	10.10	40
20	Caven	08NG078	315.36	1448	42.76	39.56	36.22	32.67	31.48	27.59	23.29	16.33	10.98	4.90	22
20	Couldrey	08NP002	106.07	1785	37.58	35.24	32.80	30.24	29.39	26.59	23.48	18.34	14.14	8.66	19
20	Flathead	08NP001	1112.13	1752	541.98	493.71	446.02	398.56	383.24	335.14	285.13	209.84	154.94	91.46	81
20	Hosmer	08NK026	6.42	1672	7.92	6.13	4.72	3.62	3.31	2.50	1.86	1.20	0.89	0.70	36
20	Howell	08NP003	141.55	1820	50.22	44.51	39.29	34.47	33.00	28.63	24.49	19.01	15.61	12.40	19
20	Mather	08NG076	137.25	1469	33.28	29.40	25.67	22.08	20.95	17.47	14.03	9.21	6.03	2.85	45
20	Matthew	08NG086	147.89	1950	98.84	87.90	77.62	67.91	64.89	55.76	46.84	34.48	26.28	17.62	10
20	Michel	08NK020	639.00	1791	227.45	208.23	189.24	170.36	164.26	145.10	125.15	94.95	72.67	46.32	25
20	Moyie-Eastport	08NH006	1573.82	1471	301.26	284.88	267.22	247.96	241.34	219.11	193.39	148.54	110.26	59.69	88
20	Moyie-Negro	08NH120	238.30	1691	177.68	157.61	138.65	120.65	115.03	97.98	81.22	57.90	42.36	25.95	52
20	St. Mary-Marysville	08NG046	1479.07	1918	557.46	522.48	487.44	451.98	440.40	403.49	364.12	302.17	253.98	192.61	48
20	St. Mary-Morris	08NG077	210.91	1882	178.59	156.66	136.81	118.78	113.32	97.26	82.29	62.95	51.30	40.75	45
20	St. Mary-Wycliffe	08NG012	2395.46	1822	991.13	880.47	778.41	683.85	654.80	568.16	485.37	374.53	304.36	235.87	53

Table 4: Frequency Distribution of Instantaneous Peak Flows (page 1 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
21	Anderson-Nelson	08NJ130	8.48	1455	4.16	3.53	2.95	2.43	2.28	1.81	1.39	0.85	0.54	0.25	57
21	Arrow	08NH084	78.31	1577	34.87	32.86	30.71	28.36	27.55	24.85	21.75	16.38	11.87	6.10	57
21	Boundary-Porthill	08NH032	243.97	1509	123.28	114.00	104.78	95.55	92.55	83.07	73.10	57.74	46.13	31.88	89
21	Carney	08NH131	117.95	2193	70.47	65.26	60.14	55.07	53.44	48.34	43.05	35.07	29.18	22.14	32
21	Duck	08NH016	49.32	1542	15.45	13.93	12.44	10.96	10.48	9.00	7.48	5.23	3.64	1.91	53
21	Duhamel	08NJ026	54.75	1576	29.44	25.88	22.61	19.59	18.66	15.90	13.27	9.75	7.52	5.29	24
21	Duncan-BB	08NH119	1314.22	1946	781.49	719.59	659.70	601.32	582.74	525.20	466.66	380.83	319.82	250.66	55
21	Fell	08NJ129	4.73	1649											
21	Five Mile	08NJ168	45.90	1771	93.66	85.00	76.67	68.62	66.07	58.21	50.28	38.80	30.75	21.68	33
21	Fry	08NH130	583.94	2049	346.37	314.07	283.43	254.17	244.99	216.99	189.23	150.01	123.40	94.91	44
21	Goat	08NH004	1211.03	1560	486.95	456.28	424.10	389.96	378.45	340.59	298.15	227.25	169.29	95.05	74
21	Kaslo	08NH005	440.46	1808	250.81	223.41	197.77	173.66	166.18	143.61	121.64	91.39	71.45	50.62	60
21	Keen	08NH132	93.28	1997	72.49	63.81	55.94	48.77	46.60	40.19	34.21	26.46	21.79	17.59	44
21	Lemon	08NJ160	180.41	1713	93.66	85.00	76.67	68.62	66.07	58.21	50.28	38.80	30.75	21.68	45
21	Redfish	08NJ061	26.01	1819	18.27	16.97	15.68	14.36	13.93	12.56	11.09	8.78	6.99	4.74	45
21	Sullivan	08NH115	6.07	1559	1.72	1.49	1.27	1.07	1.00	0.82	0.64	0.41	0.27	0.13	54
22	Beaton	08NE008	94.54	1512	28.64	25.96	23.40	20.93	20.15	17.77	15.38	11.95	9.57	6.93	64
22	Big Sheep	08NE039	346.84	1423	99.62	94.08	88.18	81.82	79.65	72.44	64.18	49.97	37.93	21.85	69
22	Burrell	08NN023	221.79	1443	84.56	80.27	75.69	70.76	69.08	63.46	56.99	45.75	36.01	22.48	42
22	Deer	08NE087	80.32	1361	20.44	18.92	17.40	15.84	15.33	13.69	11.94	9.17	7.04	4.39	59
22	Goldstream	08ND012	932.47	1705	476.27	428.27	383.89	342.67	329.99	292.15	255.99	207.89	178.16	151.31	55
22	Hidden	08NE114	56.53	1561	45.50	39.63	34.33	29.51	28.05	23.76	19.75	14.55	11.38	8.38	45
22	Humphries	08NH138	7.57	1703	4.34	4.04	3.74	3.42	3.31	2.97	2.60	1.99	1.50	0.88	17
22	Illecillewaet	08ND013	1149.20	1768	602.69	552.62	504.92	459.21	444.83	400.88	357.17	295.34	253.64	210.33	54
22	Incomappleux	08NE001	1000.98	1823	880.31	772.02	674.97	587.73	561.50	485.02	414.79	326.57	276.14	235.83	44
22	Kuskanax-1040	08NE117	110.67	1769	94.68	87.13	79.91	72.94	70.74	63.99	57.23	47.55	40.93	33.90	23
22	Kuskanax-Nakusp	08NE006	319.02	1695	802.31	577.41	416.91	302.34	272.96	199.68	147.68	102.50	88.21	84.71	52
22	Lardeau	08NH007	1632.11	1717	467.44	445.62	422.84	398.76	390.65	363.92	333.79	282.39	238.30	175.54	69
22	Salmo	08NE074	1245.59	1481	506.09	470.95	436.05	401.07	389.72	353.80	315.95	257.44	212.94	157.82	69
22	Slocan	08NJ013	3329.22	1616	840.00	789.47	737.81	684.46	666.77	609.57	547.00	445.07	362.59	253.35	93
22	Smoky	08NJ162	4.24	1108											
22	Stitt	08ND018	137.52	1960	166.87	144.43	124.14	105.71	100.13	83.74	68.45	48.64	36.51	24.86	26

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

Hydro-logic Zone	Watershed Stream	Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Annual Mean Flows (m^3/s) Return Period (Year) 200	100	50	25	20	10	5	2	1.25	1.01	# years n
18	Beaver	08NB019	1156.47	1904	52.46	51.61	50.65	49.54	49.14	47.73	45.94	42.31	38.48	31.48	33
18	Blaeberry-Ensign	08NB015	233.48	2169	10.60	10.18	9.75	9.31	9.16	8.70	8.20	7.40	6.76	5.95	22
18	Blaeberry-Willowbank	08NB012	588.02	2010	22.00	21.40	20.80	20.20	19.90	19.20	18.30	16.60	15.10	12.80	45
18	Carbonate	08NA037	9.52	1708											
18	Columbia-Donald	08NB005	9692.93	1821	230.30	224.90	218.90	212.00	209.60	201.30	191.00	171.10	151.20	117.50	71
18	Columbia-Nicholson	08NA002	6656.35	1791	147.90	144.10	139.90	135.10	133.50	127.70	120.70	107.30	94.00	72.00	98
18	Gold-Bachelor	08NB013	140.67	2152	8.60	8.40	8.20	8.00	7.90	7.70	7.40	6.90	6.50	5.80	21
18	Gold-Palmer	08NB014	429.13	2097	23.81	23.13	22.42	21.68	21.43	20.60	19.67	18.08	16.70	14.71	45
18	Kicking Horse	08NA006	1840.85	1948	53.50	52.30	50.90	49.30	48.80	46.90	44.70	40.60	36.60	30.00	46
18	Kootenay-Crossing	08NF001	420.92	1641	8.41	8.02	7.59	7.13	6.97	6.44	5.82	4.72	3.75	2.37	67
18	Split	08NB016	79.45	1996	2.50	2.39	2.27	2.15	2.12	1.99	1.85	1.63	1.46	1.22	42
19	Albert	08NF005	68.43	2082	2.66	2.53	2.39	2.24	2.19	2.04	1.86	1.56	1.31	0.96	26
19	Columbia-Fairmont	08NA045	888.15	1846	16.74	16.01	15.24	14.42	14.14	13.22	12.16	10.32	8.71	6.37	50
19	Elk-Fernie	08NK002	3103.93	1866	81.77	77.67	73.36	68.77	67.22	62.09	56.27	46.30	37.75	25.74	49
19	Elk-Natal	08NK016	1847.75	1967	42.65	40.64	38.55	36.34	35.60	33.16	30.42	25.76	21.78	16.15	63
19	Elk-Phillips	08NK005	4391.64	1806	125.81	120.90	115.47	109.39	107.26	99.94	91.14	74.82	59.67	37.15	65
19	Elk-Weary	08NK027	332.97	2089	10.59	9.96	9.34	8.74	8.55	7.96	7.35	6.48	5.87	5.25	14
19	Fording	08NK018	619.32	1975	14.41	13.63	12.82	11.95	11.66	10.71	9.64	7.84	6.33	4.24	48
19	Fording	08NK021	116.25	2093	3.86	3.51	3.17	2.84	2.74	2.42	2.10	1.64	1.32	0.96	22
19	Grave	08NK019	80.06	1730	2.20	2.03	1.87	1.71	1.66	1.49	1.31	1.04	0.84	0.58	29
19	Kootenay- Ft Steele	08NG065	11420.46	1787	259.22	250.75	241.46	231.11	227.49	215.12	200.25	172.48	146.11	104.49	54
19	Kootenay-Canal Flats	08NF002	5425.73	1863	124.92	121.72	118.11	113.95	112.47	107.27	100.78	88.00	75.14	53.64	36
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	160.04	155.40	150.32	144.67	142.70	135.96	127.86	112.69	98.15	74.62	45
19	Line	08NK022	137.60	1974	3.87	3.62	3.38	3.13	3.05	2.79	2.51	2.06	1.71	1.26	46
19	Mark	08NG085	98.39	1757	2.58	2.34	2.11	1.90	1.83	1.63	1.43	1.15	0.96	0.77	8
19	Palliser	08NF006	670.17	1981	22.18	21.33	20.43	19.47	19.15	18.07	16.84	14.69	12.79	9.98	22
20	Bull	08NG002	1499.46	1783	50.90	49.04	47.02	44.78	44.01	41.36	38.22	32.45	27.09	18.85	90
20	Cabin	08NP004	91.64	1792	3.22	3.09	2.96	2.80	2.75	2.57	2.36	1.97	1.61	1.08	40
20	Caven	08NG078	315.36	1448	4.90	4.55	4.19	3.81	3.69	3.27	2.82	2.08	1.49	0.78	22
20	Couldrey	08NP002	106.07	1785	4.53	4.27	4.01	3.73	3.64	3.33	3.00	2.43	1.97	1.33	18
20	Flathead	08NP001	1112.13	1752	42.41	40.39	38.27	36.04	35.28	32.80	29.99	25.20	21.08	15.25	55
20	Hosmer	08NK026	6.42	1672	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.12	0.10	0.06	34
20	Howell	08NP003	141.55	1820	4.74	4.48	4.20	3.92	3.83	3.54	3.21	2.69	2.27	1.71	18
20	Mather	08NG076	137.25	1469	2.71	2.55	2.38	2.19	2.13	1.93	1.69	1.30	0.98	0.55	45
20	Matthew	08NG086	147.89	1950	5.54	5.20	4.85	4.50	4.38	4.00	3.58	2.90	2.34	1.61	9
20	Michel	08NK020	639.00	1791	22.59	20.88	19.17	17.45	16.89	15.11	13.22	10.30	8.07	5.33	25
20	Moyie-Eastport	08NH006	1573.82	1471	32.85	31.84	30.65	29.21	28.69	26.79	24.35	19.42	14.57	7.44	87
20	Moyie-Negro	08NH120	238.30	1691	8.48	8.14	7.75	7.31	7.16	6.62	5.96	4.72	3.58	1.95	52
20	St. Mary-Marysville	08NG046	1479.07	1918	61.76	59.55	57.16	54.52	53.60	50.49	46.81	40.05	33.77	24.08	47
20	St. Mary-Morris	08NG077	210.91	1882	10.73	10.39	10.01	9.59	9.44	8.92	8.30	7.12	5.99	4.20	45
20	St. Mary-Wycliffe	08NG012	2395.46	1822	77.64	75.19	72.46	69.37	68.28	64.50	59.87	51.04	42.49	28.92	45

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 Flows (m^3/s) Return Period (Year): 200	100	50	25	20	10	5	2	1.25	1.01	# years n
21	Anderson-Nelson	08NJ130	8.48	1455	0.21	0.20	0.19	0.18	0.17	0.16	0.14	0.11	0.08	0.05	51
21	Arrow	08NH084	78.31	1577	3.17	3.00	2.82	2.63	2.56	2.35	2.10	1.69	1.33	0.84	54
21	Boundary-Porthill	08NH032	243.97	1509	8.93	8.66	8.34	7.98	7.85	7.39	6.81	5.69	4.59	2.86	84
21	Carney	08NH131	117.95	2193	6.42	6.19	5.96	5.71	5.63	5.35	5.03	4.48	3.99	3.27	30
21	Duck	08NH016	49.32	1542	1.71	1.61	1.50	1.40	1.36	1.25	1.12	0.91	0.73	0.50	46
21	Duhamel	08NJ026	54.75	1576	2.83	2.61	2.41	2.21	2.15	1.95	1.76	1.49	1.30	1.10	22
21	Duncan-BB	08NH119	1314.22	1946	77.66	76.45	75.05	73.42	72.83	70.74	68.06	62.57	56.69	45.87	54
21	Fell	08NJ129	4.73	1649	0.12	0.11	0.11	0.10	0.10	0.09	0.08	0.06	0.05	0.03	29
21	Five Mile	08NJ168	45.90	1771	2.23	2.06	1.90	1.74	1.69	1.54	1.38	1.17	1.02	0.87	31
21	Fry	08NH130	583.94	2049	30.49	29.11	27.68	26.18	25.68	24.03	22.20	19.12	16.51	12.83	43
21	Goat	08NH004	1211.03	1560	42.88	41.32	39.56	37.54	36.83	34.34	31.28	25.47	19.97	11.77	61
21	Kaslo	08NH005	440.46	1808	19.87	19.18	18.43	17.61	17.33	16.36	15.23	13.16	11.24	8.26	57
21	Keen	08NH132	93.28	1997	4.74	4.60	4.45	4.28	4.22	4.02	3.78	3.33	2.90	2.22	44
21	Lemon	08NJ160	180.41	1713	7.70	7.36	7.00	6.61	6.48	6.05	5.55	4.69	3.93	2.84	44
21	Redfish	08NJ061	26.01	1819	1.42	1.36	1.30	1.23	1.21	1.13	1.03	0.86	0.71	0.48	43
21	Sullivan	08NH115	6.07	1559	0.12	0.12	0.11	0.10	0.10	0.09	0.08	0.06	0.04	0.03	51
22	Beaton	08NE008	94.54	1512	4.15	4.00	3.84	3.67	3.61	3.40	3.16	2.73	2.33	1.71	60
22	Big Sheep	08NE039	346.84	1423	9.90	9.47	9.00	8.47	8.28	7.66	6.91	5.56	4.34	2.58	68
22	Burrell	08NN023	221.79	1443	7.27	6.93	6.56	6.17	6.04	5.59	5.09	4.20	3.44	2.35	42
22	Deer	08NE087	80.32	1361	1.70	1.61	1.51	1.41	1.37	1.26	1.12	0.89	0.69	0.41	57
22	Goldstream	08ND012	932.47	1705	51.81	50.40	48.89	47.25	46.68	44.78	42.56	38.52	34.77	28.83	53
22	Hidden	08NE114	56.53	1561	2.62	2.52	2.42	2.30	2.25	2.11	1.94	1.62	1.33	0.88	44
22	Humphries	08NH138	7.57	1703	0.46	0.44	0.43	0.41	0.40	0.38	0.36	0.32	0.28	0.22	16
22	Illecillewaet	08ND013	1149.20	1768	68.74	67.19	65.49	63.61	62.95	60.71	58.00	52.91	47.95	39.66	54
22	Incomappleux	08NE001	1000.98	1823	68.05	67.08	65.97	64.67	64.20	62.54	60.42	56.06	51.38	42.68	43
22	Kuskanax-1040	08NE117	110.67	1769	7.48	7.25	6.99	6.72	6.63	6.31	5.94	5.27	4.66	3.70	23
22	Kuskanax-Nakusp	08NE006	319.02	1695	22.58	21.40	20.21	18.99	18.58	17.29	15.88	13.62	11.80	9.39	52
22	Lardeau	08NH007	1632.11	1717	82.38	79.68	76.83	73.77	72.73	69.25	65.23	58.13	51.73	41.97	66
22	Salmo	08NE074	1245.59	1481	48.95	47.34	45.56	43.55	42.85	40.41	37.44	31.83	26.44	17.97	68
22	Slocan	08NJ013	3329.22	1616	133.11	128.67	123.84	118.50	116.65	110.34	102.82	88.96	75.93	55.51	92
22	Smoky	08NJ162	4.24	1108	0.11	0.10	0.09	0.08	0.07	0.07	0.06	0.04	0.04	0.03	11
22	Stitt	08ND018	137.52	1960	9.91	9.63	9.31	8.95	8.83	8.40	7.89	6.91	5.98	4.46	26

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

Hydro-logic Zone	Watershed		Drainage Area (km^2)	Median Elevation (m)	Annual Mean Flow (m^3/s) Return Period (Year)										# years
	Stream	Hydrometric Station			200	100	50	25	20	10	5	2	1.25	1.01	n
18	Beaver	08NB019	1156.47	1904	30.31	31.48	32.77	34.21	34.71	36.42	38.48	42.31	45.94	51.61	33
18	Blaeberry-Ensign	08NB015	233.48	2169	5.845	5.951	6.076	6.227	6.283	6.487	6.764	7.398	8.199	10.175	22
18	Blaeberry-Willowbank	08NB012	588.02	2010	12.20	12.50	12.90	13.40	13.60	14.20	15.00	16.50	18.10	21.40	48
18	Carbonate	08NA037	9.52	1708											
18	Columbia-Donald	08NB005	9692.93	1821	112.50	117.80	123.60	130.30	132.70	140.80	150.90	170.60	190.50	224.80	72
18	Columbia-Nicholson	08NA002	6656.35	1791	69.00	72.40	76.20	80.50	82.00	87.40	94.00	107.10	120.40	144.00	99
18	Gold-Bachelor	08NB013	140.67	2152	5.09	5.27	5.48	5.70	5.78	6.04	6.35	6.92	7.44	8.19	21
18	Gold-Palmer	08NB014	429.13	2097	14.42	14.71	15.04	15.42	15.56	16.06	16.70	18.08	19.67	23.13	45
18	Kicking Horse	08NA006	1840.85	1948	28.30	29.40	30.50	31.90	32.40	34.10	36.10	40.20	44.40	52.10	49
18	Kootenay-Crossing	08NF001	420.92	1641	2.18	2.37	2.60	2.86	2.95	3.30	3.75	4.72	5.82	8.02	67
18	Split	08NB016	79.45	1996	1.17	1.20	1.24	1.29	1.30	1.36	1.44	1.62	1.84	2.38	43
19	Albert	08NF005	68.43	2082	0.91	0.96	1.02	1.08	1.11	1.20	1.31	1.56	1.86	2.53	26
19	Columbia-Fairmont	08NA045	888.15	1846	6.03	6.37	6.76	7.21	7.37	7.96	8.71	10.32	12.16	16.01	50
19	Elk-Fernie	08NK002	3103.93	1866	24.08	25.80	27.78	30.13	30.98	34.05	38.06	46.67	56.57	77.28	48
19	Elk-Natal	08NK016	1847.75	1967	13.76	14.73	15.84	17.13	17.60	19.25	21.37	25.77	30.54	39.65	64
19	Elk-Phillips	08NK005	4391.64	1806	33.42	36.56	40.21	44.51	46.07	51.68	58.94	74.09	90.49	120.67	67
19	Elk-Weary	08NK027	332.97	2089	5.19	5.25	5.33	5.44	5.48	5.64	5.87	6.48	7.35	9.95	14
19	Fording	08NK018	619.32	1975	3.96	4.24	4.57	4.97	5.11	5.63	6.32	7.84	9.64	13.63	48
19	Fording	08NK021	116.25	2093	0.92	0.96	1.01	1.08	1.10	1.19	1.32	1.64	2.10	3.50	22
19	Grave	08NK019	80.06	1730	0.54	0.56	0.58	0.61	0.62	0.67	0.72	0.86	1.05	1.56	29
19	Kootenay- Ft Steele	08NG065	11420.46	1787	98.22	104.49	111.59	119.78	122.71	133.05	146.11	172.48	200.25	250.75	54
19	Kootenay-Canal Flats	08NF002	5425.73	1863	54.13	57.22	60.68	64.64	66.05	70.97	77.09	89.16	101.48	122.87	30
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	70.98	74.62	78.70	83.37	85.04	90.86	98.15	112.69	127.86	155.40	45
19	Line	08NK022	137.60	1974	1.01	1.09	1.18	1.29	1.33	1.48	1.67	2.08	2.54	3.48	46
19	Mark	08NG085	98.39	1757	0.69	0.71	0.74	0.78	0.79	0.84	0.92	1.11	1.39	2.30	9
19	Palliser	08NF006	670.17	1981	9.56	9.98	10.45	10.99	11.19	11.89	12.79	14.69	16.84	21.33	22
20	Bull	08NG002	1499.46	1783	15.68	17.08	18.68	20.53	21.20	23.56	26.52	32.41	38.32	47.90	92
20	Cabin	08NP004	91.64	1792	1.00	1.08	1.17	1.27	1.31	1.44	1.61	1.97	2.36	3.09	40
20	Caven	08NG078	315.36	1448	0.69	0.78	0.88	1.01	1.06	1.24	1.49	2.08	2.82	4.55	22
20	Couldrey	08NP002	106.07	1785	0.96	1.07	1.20	1.35	1.41	1.61	1.88	2.44	3.04	4.12	18
20	Flathead	08NP001	1112.13	1752	11.44	12.56	13.85	15.37	15.91	17.85	20.31	25.22	30.19	38.23	57
20	Hosmer	08NK026	6.42	1672	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.12	0.15	0.20	34
20	Howell	08NP003	141.55	1820	1.64	1.71	1.80	1.91	1.94	2.08	2.27	2.69	3.21	4.47	18
20	Mather	08NG076	137.25	1469	0.38	0.45	0.52	0.61	0.65	0.77	0.94	1.31	1.72	2.43	45
20	Matthew	08NG086	147.89	1950	1.52	1.61	1.73	1.86	1.92	2.10	2.34	2.90	3.58	5.20	9
20	Michel	08NK020	639.00	1791	4.97	5.32	5.74	6.24	6.43	7.12	8.07	10.30	13.22	20.88	25
20	Moyie-Eastport	08NH006	1573.82	1471	5.96	6.92	8.07	9.48	10.00	11.89	14.37	19.44	24.46	31.56	87
20	Moyie-Negro	08NH120	238.30	1691	1.74	1.95	2.21	2.52	2.63	3.04	3.58	4.72	5.96	8.14	52
20	St. Mary-Marysville	08NG046	1479.07	1918	22.64	24.06	25.67	27.53	28.21	30.58	33.61	39.84	46.59	59.48	48
20	St. Mary-Morris	08NG077	210.91	1882	3.93	4.20	4.50	4.86	4.98	5.43	5.99	7.12	8.30	10.39	45
20	St. Mary-Wycliffe	08NG012	2395.46	1822	26.76	28.77	31.05	33.69	34.64	37.99	42.22	50.74	59.60	75.10	46

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
21	Anderson-Nelson	08NJ130	8.48	1455	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.11	0.14	0.20	51
21	Arrow	08NH084	78.31	1577	0.75	0.81	0.89	0.98	1.01	1.13	1.30	1.65	2.08	2.98	57
21	Boundary-Porthill	08NH032	243.97	1509	2.24	2.52	2.84	3.22	3.35	3.84	4.46	5.68	6.83	8.44	86
21	Carney	08NH131	117.95	2193	3.16	3.27	3.39	3.53	3.58	3.76	3.99	4.48	5.03	6.19	30
21	Duck	08NH016	49.32	1542	0.47	0.50	0.54	0.58	0.60	0.65	0.73	0.90	1.11	1.60	47
21	Duhamel	08NJ026	54.75	1576	0.78	0.84	0.91	0.99	1.01	1.12	1.24	1.51	1.81	2.39	22
21	Duncan-BB	08NH119	1314.22	1946	44.05	45.87	47.87	50.09	50.87	53.52	56.69	62.57	68.06	76.45	54
21	Fell	08NJ129	4.73	1649	0.028	0.030	0.033	0.037	0.038	0.042	0.048	0.062	0.078	0.112	29
21	Five Mile	08NJ168	45.90	1771	0.686	0.723	0.765	0.816	0.834	0.901	0.988	1.181	1.411	1.935	31
21	Fry	08NH130	583.94	2049	12.310	12.832	13.431	14.134	14.390	15.307	16.509	19.117	22.201	29.107	43
21	Goat	08NH004	1211.03	1560	9.41	10.54	11.87	13.46	14.05	16.15	18.90	24.63	30.71	41.09	67
21	Kaslo	08NH005	440.46	1808	7.85	8.28	8.78	9.35	9.55	10.28	11.20	13.10	15.17	19.16	58
21	Keen	08NH132	93.28	1997	2.12	2.22	2.34	2.48	2.52	2.69	2.90	3.33	3.77	4.60	44
21	Lemon	08NJ160	180.41	1713	2.69	2.84	3.02	3.23	3.31	3.58	3.93	4.69	5.55	7.36	44
21	Redfish	08NJ061	26.01	1819	0.44	0.47	0.51	0.55	0.57	0.63	0.70	0.86	1.03	1.36	44
21	Sullivan	08NH115	6.07	1559	0.02	0.03	0.03	0.03	0.03	0.04	0.04	0.06	0.08	0.12	51
22	Beaton	08NE008	94.54	1512	1.58	1.67	1.77	1.89	1.94	2.09	2.29	2.70	3.14	3.99	63
22	Big Sheep	08NE039	346.84	1423	2.34	2.58	2.86	3.20	3.32	3.76	4.34	5.56	6.91	9.47	68
22	Burrell	08NN023	221.79	1443	2.19	2.35	2.52	2.73	2.81	3.08	3.44	4.20	5.08	6.93	42
22	Deer	08NE087	80.32	1361	0.37	0.40	0.45	0.50	0.52	0.58	0.67	0.87	1.11	1.60	59
22	Goldstream	08ND012	932.47	1705	28.02	28.92	29.92	31.07	31.48	32.92	34.73	38.44	42.46	50.40	54
22	Hidden	08NE114	56.53	1561	0.81	0.88	0.95	1.04	1.07	1.18	1.33	1.62	1.94	2.52	44
22	Humphries	08NH138	7.57	1703	0.21	0.22	0.23	0.25	0.25	0.26	0.28	0.32	0.36	0.44	16
22	Illecillewaet	08ND013	1149.20	1768	38.34	39.66	41.14	42.80	43.39	45.43	47.95	52.91	58.00	67.19	54
22	Incomappleux	08NE001	1000.98	1823	41.20	42.68	44.30	46.09	46.72	48.84	51.38	56.06	60.42	67.08	43
22	Kuskanax-1040	08NE117	110.67	1769	3.61	3.75	3.92	4.10	4.17	4.41	4.71	5.31	5.97	7.26	22
22	Kuskanax-Nakusp	08NE006	319.02	1695	9.07	9.39	9.77	10.22	10.39	10.99	11.80	13.62	15.88	21.40	52
22	Lardeau	08NH007	1632.11	1717	40.47	41.96	43.65	45.59	46.28	48.73	51.85	58.26	65.33	79.51	67
22	Salmo	08NE074	1245.59	1481	16.71	17.97	19.41	21.07	21.66	23.77	26.44	31.83	37.44	47.34	68
22	Slocan	08NJ013	3329.22	1616	52.41	55.44	58.86	62.82	64.24	69.25	75.59	88.52	102.38	128.52	94
22	Smoky	08NJ162	4.24	1108	0.02	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.06	0.10	11
22	Stitt	08ND018	137.52	1960	3.61	3.91	4.25	4.63	4.77	5.25	5.83	6.93	7.96	9.41	26

Table 6: Low 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)	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
18	Beaver	08NB019	1156.47	1904	13.971	14.799	15.756	16.886	17.298	18.783	20.739	25.012	30.082	41.380	33
18	Blaeberry-Ensign	08NB015	233.48	2169	2.504	2.677	2.878	3.117	3.205	3.525	3.951	4.901	6.055	8.713	22
18	Blaeberry-Willowbank	08NB012	588.02	2010	5.500	5.900	6.300	6.800	6.900	7.600	8.500	10.700	13.600	21.300	47
18	Carbonate	08NA037	9.52	1708	0.023	0.025	0.028	0.031	0.032	0.037	0.043	0.058	0.076	0.119	27
18	Columbia-Donald	08NB005	9692.93	1821	71.900	74.400	77.400	81.100	82.400	87.600	94.700	112.000	135.600	202.300	73
18	Columbia-Nicholson	08NA002	6656.35	1791	45.900	47.100	48.500	50.400	51.100	53.900	57.900	68.500	84.300	135.800	113
18	Gold-Bachelor	08NB013	140.67	2152	1.408	1.593	1.817	2.097	2.202	2.597	3.149	4.456	6.137	10.125	21
18	Gold-Palmer	08NB014	429.13	2097	5.473	5.853	6.299	6.836	7.035	7.765	8.756	11.035	13.939	21.166	45
18	Kicking Horse	08NA006	1840.85	1948	15.100	15.700	16.500	17.400	17.800	19.100	20.900	25.500	32.100	51.500	54
18	Kootenay-Crossing	08NF001	420.92	1641	0.925	0.998	1.085	1.191	1.231	1.378	1.583	2.073	2.732	4.515	75
18	Split	08NB016	79.45	1996	0.608	0.637	0.670	0.710	0.726	0.782	0.859	1.043	1.290	1.969	43
19	Albert	08NF005	68.43	2082	0.174	0.194	0.220	0.253	0.265	0.314	0.385	0.570	0.849	1.736	26
19	Columbia-Fairmont	08NA045	888.15	1846	4.293	4.417	4.567	4.752	4.822	5.084	5.453	6.357	7.611	11.213	51
19	Elk-Fernie	08NK002	3103.93	1866	13.545	14.196	14.955	15.862	16.196	17.411	19.044	22.746	27.393	38.814	48
19	Elk-Natal	08NK016	1847.75	1967	8.190	8.599	9.074	9.638	9.844	10.592	11.586	13.800	16.509	22.892	66
19	Elk-Phillips	08NK005	4391.64	1806	17.146	18.076	19.156	20.443	20.916	22.632	24.924	30.069	36.423	51.595	71
19	Elk-Weary	08NK027	332.97	2089	2.733	2.824	2.928	3.049	3.093	3.250	3.454	3.891	4.400	5.517	14
19	Fording	08NK018	619.32	1975	1.959	2.087	2.238	2.419	2.486	2.730	3.060	3.814	4.767	7.109	48
19	Fording	08NK021	116.25	2093	0.275	0.296	0.321	0.353	0.365	0.411	0.477	0.645	0.891	1.672	23
19	Grave	08NK019	80.06	1730	0.269	0.283	0.299	0.318	0.325	0.352	0.388	0.475	0.592	0.912	29
19	Kootenay- Ft Steele	08NG065	11420.46	1787	49.251	52.279	55.767	59.875	61.368	66.737	73.764	88.937	106.618	144.794	54
19	Kootenay-Canal Flats	08NF002	5425.73	1863	36.133	37.138	38.334	39.798	40.344	42.374	45.185	51.878	60.828	85.056	42
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	45.223	46.461	47.952	49.797	50.492	53.097	56.763	65.715	78.089	113.327	45
19	Line	08NK022	137.60	1974	0.541	0.576	0.618	0.667	0.685	0.752	0.842	1.046	1.304	1.931	46
19	Mark	08NG085	98.39	1757	0.150	0.156	0.163	0.171	0.175	0.189	0.209	0.267	0.364	0.747	9
19	Palliser	08NF006	670.17	1981	4.728	4.987	5.288	5.643	5.772	6.240	6.857	8.214	9.838	13.527	22
20	Bull	08NG002	1499.46	1783	7.586	7.844	8.154	8.537	8.681	9.219	9.975	11.820	14.377	21.732	98
20	Cabin	08NP004	91.64	1792	0.179	0.194	0.211	0.232	0.239	0.267	0.304	0.387	0.489	0.722	40
20	Caven	08NG078	315.36	1448	0.248	0.278	0.315	0.359	0.375	0.436	0.518	0.701	0.917	1.361	22
20	Couldrey	08NP002	106.07	1785	0.289	0.322	0.361	0.407	0.424	0.485	0.564	0.726	0.895	1.177	19
20	Flathead	08NP001	1112.13	1752	3.832	3.976	4.149	4.365	4.447	4.755	5.192	6.282	7.838	12.549	80
20	Hosmer	08NK026	6.42	1672	0.009	0.010	0.011	0.013	0.013	0.015	0.017	0.022	0.027	0.038	36
20	Howell	08NP003	141.55	1820	0.462	0.501	0.546	0.600	0.620	0.691	0.783	0.979	1.201	1.641	18
20	Mather	08NG076	137.25	1469	0.146	0.165	0.188	0.217	0.227	0.266	0.319	0.437	0.573	0.846	45
20	Matthew	08NG086	147.89	1950	0.167	0.172	0.179	0.188	0.191	0.203	0.220	0.262	0.321	0.495	9
20	Michel	08NK020	639.00	1791	1.417	1.523	1.647	1.796	1.851	2.052	2.324	2.941	3.713	5.566	25
20	Moyie-Eastport	08NH006	1573.82	1471	0.759	0.829	0.913	1.018	1.057	1.206	1.416	1.937	2.667	4.774	87
20	Moyie-Negro	08NH120	238.30	1691	0.040	0.049	0.061	0.078	0.085	0.112	0.154	0.273	0.462	1.044	52
20	St. Mary-Marysville	08NG046	1479.07	1918	6.267	6.618	7.044	7.573	7.774	8.532	9.616	12.356	16.360	28.982	47
20	St. Mary-Morris	08NG077	210.91	1882	0.856	0.899	0.952	1.019	1.045	1.143	1.286	1.664	2.248	4.273	45
20	St. Mary-Wycliffe	08NG012	2395.46	1822	7.634	8.124	8.709	9.426	9.695	10.698	12.099	15.501	20.189	33.535	48

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

Hydro-logic Zone	Watershed Stream	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
21	Anderson-Nelson	08NJ130	8.48	1455	0.006	0.006	0.007	0.008	0.009	0.010	0.013	0.018	0.024	0.039	57
21	Arrow	08NH084	78.31	1577	0.249	0.262	0.277	0.295	0.302	0.325	0.356	0.423	0.501	0.672	58
21	Boundary-Porthill	08NH032	243.97	1509	0.303	0.324	0.348	0.378	0.390	0.432	0.492	0.639	0.845	1.446	86
21	Carney	08NH131	117.95	2193	1.244	1.292	1.349	1.422	1.449	1.553	1.702	2.079	2.627	4.344	31
21	Duck	08NH016	49.32	1542	0.235	0.249	0.264	0.283	0.289	0.313	0.345	0.414	0.495	0.674	51
21	Duhamel	08NJ026	54.75	1576	0.206	0.216	0.228	0.243	0.248	0.268	0.295	0.358	0.441	0.663	23
21	Duncan-BB	08NH119	1314.22	1946	15.769	16.842	18.118	19.676	20.257	22.417	25.412	32.573	42.222	68.621	55
21	Fell	08NJ129	4.73	1649	0.003	0.004	0.004	0.005	0.006	0.007	0.009	0.013	0.019	0.034	29
21	Five Mile	08NJ168	45.90	1771	0.068	0.074	0.082	0.091	0.094	0.107	0.124	0.164	0.216	0.341	31
21	Fry	08NH130	583.94	2049	4.987	5.160	5.371	5.636	5.737	6.122	6.677	8.094	10.180	16.803	43
21	Goat	08NH004	1211.03	1560	1.937	2.140	2.379	2.667	2.774	3.162	3.680	4.820	6.152	8.910	66
21	Kaslo	08NH005	440.46	1808	2.912	3.041	3.196	3.388	3.460	3.729	4.107	5.036	6.337	10.157	59
21	Keen	08NH132	93.28	1997	0.624	0.652	0.687	0.730	0.747	0.810	0.903	1.143	1.505	2.719	44
21	Lemon	08NJ160	180.41	1713	0.792	0.823	0.862	0.910	0.929	1.000	1.102	1.369	1.770	3.095	44
21	Redfish	08NJ061	26.01	1819	0.080	0.081	0.083	0.086	0.088	0.093	0.102	0.129	0.182	0.444	45
21	Sullivan	08NH115	6.07	1559	0.008	0.009	0.010	0.011	0.012	0.014	0.016	0.021	0.025	0.033	54
22	Beaton	08NE008	94.54	1512	0.814	0.843	0.878	0.921	0.938	1.000	1.089	1.313	1.637	2.634	64
22	Big Sheep	08NE039	346.84	1423	0.273	0.285	0.299	0.317	0.324	0.351	0.392	0.502	0.679	1.333	68
22	Burrell	08NN023	221.79	1443	0.044	0.050	0.056	0.066	0.069	0.085	0.109	0.189	0.352	1.288	42
22	Deer	08NE087	80.32	1361	0.085	0.088	0.093	0.099	0.102	0.111	0.124	0.161	0.220	0.444	59
22	Goldstream	08ND012	932.47	1705	12.701	13.212	13.830	14.601	14.892	15.993	17.564	21.508	27.201	44.756	54
22	Hidden	08NE114	56.53	1561	0.110	0.114	0.120	0.128	0.131	0.143	0.163	0.221	0.328	0.836	44
22	Humphries	08NH138	7.57	1703	0.083	0.088	0.093	0.100	0.103	0.112	0.125	0.156	0.196	0.306	16
22	Illecillewaet	08ND013	1149.20	1768	15.571	16.322	17.229	18.356	18.783	20.389	22.678	28.420	36.714	62.371	54
22	Incomappleux	08NE001	1000.98	1823	16.371	17.312	18.440	19.829	20.351	22.304	25.053	31.803	41.272	69.120	43
22	Kuskanax-1040	08NE117	110.67	1769	0.543	0.582	0.630	0.689	0.712	0.798	0.923	1.244	1.723	3.291	22
22	Kuskanax-Nakusp	08NE006	319.02	1695	2.116	2.216	2.338	2.493	2.553	2.780	3.111	3.979	5.310	9.865	52
22	Lardeau	08NH007	1632.11	1717	18.432	18.790	19.258	19.888	20.138	21.135	22.679	27.037	34.223	61.103	67
22	Salmo	08NE074	1245.59	1481	2.538	2.672	2.835	3.040	3.118	3.413	3.840	4.937	6.576	11.954	68
22	Slocan	08NJ013	3329.22	1616	19.921	20.511	21.259	22.234	22.615	24.103	26.348	32.495	42.402	78.878	93
22	Smoky	08NJ162	4.24	1108	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.019	11
22	Stitt	08ND018	137.52	1960	1.511	1.684	1.893	2.150	2.247	2.606	3.104	4.274	5.775	9.394	26

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

Hydro-logic Zone	Watershed Stream	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
18	Beaver	08NB019	1156.47	1904	2.529	2.697	2.893	3.129	3.217	3.535	3.966	4.951	6.194	9.248	33
18	Blaeberry-Ensign	08NB015	233.48	2169	0.106	0.145	0.198	0.269	0.297	0.399	0.531	0.747	0.856	0.886	23
18	Blaeberry-Willowbank	08NB012	588.02	2010	0.800	0.900	1.000	1.100	1.100	1.200	1.400	1.700	2.000	2.600	48
18	Carbonate	08NA037	9.52	1708											
18	Columbia-Donald	08NB005	9692.93	1821	17.000	18.000	19.100	20.300	20.700	22.200	24.000	27.400	30.800	36.200	73
18	Columbia-Nicholson	08NA002	6656.35	1791	12.100	12.700	13.400	14.200	14.500	15.500	16.800	19.400	22.000	26.700	100
18	Gold-Bachelor	08NB013	140.67	2152	0.130	0.152	0.178	0.209	0.220	0.259	0.306	0.385	0.439	0.473	22
18	Gold-Palmer	08NB014	429.13	2097	0.596	0.666	0.746	0.840	0.874	0.992	1.138	1.413	1.658	1.961	45
18	Kicking Horse	08NA006	1840.85	1948	1.900	2.100	2.300	2.600	2.600	3.000	3.400	4.200	5.000	6.500	44
18	Kootenay-Crossing	08NF001	420.92	1641	0.003	0.005	0.009	0.016	0.020	0.036	0.066	0.152	0.241	0.312	73
18	Split	08NB016	79.45	1996	0.128	0.140	0.153	0.168	0.173	0.192	0.215	0.260	0.302	0.365	44
19	Albert	08NF005	68.43	2082	0.001	0.001	0.001	0.002	0.002	0.004	0.006	0.014	0.030	0.092	27
19	Columbia-Fairmont	08NA045	888.15	1846	1.474	1.603	1.748	1.913	1.972	2.177	2.426	2.894	3.321	3.905	51
19	Elk-Fernie	08NK002	3103.93	1866	5.346	5.607	5.909	6.269	6.400	6.879	7.516	8.942	10.697	14.881	48
19	Elk-Natal	08NK016	1847.75	1967	2.357	2.539	2.744	2.979	3.062	3.352	3.708	4.388	5.034	5.998	67
19	Elk-Phillips	08NK005	4391.64	1806	6.200	6.811	7.514	8.334	8.629	9.672	10.986	13.580	16.139	20.098	70
19	Elk-Weary	08NK027	332.97	2089	0.387	0.420	0.458	0.502	0.518	0.572	0.639	0.767	0.888	1.064	15
19	Fording	08NK018	619.32	1975	0.826	0.886	0.953	1.032	1.060	1.158	1.283	1.532	1.791	2.245	48
19	Fording	08NK021	116.25	2093	0.071	0.077	0.086	0.096	0.100	0.114	0.133	0.177	0.234	0.373	23
19	Grave	08NK019	80.06	1730	0.119	0.127	0.136	0.147	0.151	0.165	0.184	0.226	0.276	0.389	30
19	Kootenay- Ft Steele	08NG065	11420.46	1787	18.792	19.559	20.422	21.413	21.767	23.013	24.586	27.796	31.272	38.048	54
19	Kootenay-Canal Flats	08NF002	5425.73	1863	8.665	9.107	9.609	10.191	10.401	11.146	12.101	14.098	16.326	20.850	38
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	11.800	12.463	13.197	14.023	14.313	15.310	16.517	18.773	20.890	24.072	46
19	Line	08NK022	137.60	1974	0.250	0.263	0.278	0.296	0.302	0.325	0.355	0.417	0.487	0.632	46
19	Mark	08NG085	98.39	1757	0.062	0.069	0.077	0.086	0.089	0.101	0.116	0.146	0.176	0.222	10
19	Palliser	08NF006	670.17	1981	1.286	1.349	1.421	1.503	1.532	1.635	1.766	2.035	2.325	2.888	23
20	Bull	08NG002	1499.46	1783	2.547	2.747	2.975	3.241	3.336	3.676	4.109	4.994	5.931	7.625	90
20	Cabin	08NP004	91.64	1792	0.079	0.089	0.101	0.115	0.121	0.140	0.166	0.222	0.285	0.399	40
20	Caven	08NG078	315.36	1448	0.239	0.256	0.276	0.300	0.309	0.341	0.383	0.477	0.590	0.845	22
20	Couldrey	08NP002	106.07	1785	0.133	0.145	0.158	0.175	0.181	0.203	0.232	0.297	0.374	0.541	19
20	Flathead	08NP001	1112.13	1752	1.866	1.976	2.101	2.246	2.298	2.485	2.724	3.224	3.781	4.894	58
20	Hosmer	08NK026	6.42	1672	0.005	0.006	0.007	0.008	0.009	0.011	0.014	0.018	0.022	0.024	34
20	Howell	08NP003	141.55	1820	0.201	0.211	0.224	0.239	0.244	0.266	0.295	0.368	0.470	0.767	19
20	Mather	08NG076	137.25	1469	0.081	0.091	0.102	0.116	0.121	0.139	0.162	0.212	0.265	0.357	45
20	Matthew	08NG086	147.89	1950	0.163	0.170	0.179	0.189	0.193	0.207	0.225	0.269	0.326	0.475	10
20	Michel	08NK020	639.00	1791	0.775	0.813	0.857	0.908	0.926	0.993	1.080	1.266	1.482	1.951	25
20	Moyie-Eastport	08NH006	1573.82	1471	0.690	0.756	0.834	0.929	0.964	1.094	1.272	1.679	2.192	3.412	87
20	Moyie-Negro	08NH120	238.30	1691	0.039	0.048	0.060	0.076	0.083	0.107	0.144	0.235	0.349	0.578	52
20	St. Mary-Marysville	08NG046	1479.07	1918	3.426	3.594	3.786	4.009	4.089	4.376	4.745	5.524	6.406	8.241	46
20	St. Mary-Morris	08NG077	210.91	1882	0.376	0.405	0.437	0.476	0.490	0.541	0.606	0.746	0.906	1.231	45
20	St. Mary-Wycliffe	08NG012	2395.46	1822	4.007	4.234	4.496	4.805	4.918	5.326	5.862	7.039	8.442	11.603	49

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
21	Anderson-Nelson	08NJ130	8.48	1455	0.005	0.006	0.006	0.007	0.007	0.008	0.009	0.013	0.017	0.026	51
21	Arrow	08NH084	78.31	1577	0.157	0.168	0.179	0.193	0.198	0.217	0.241	0.295	0.359	0.504	48
21	Boundary-Porthill	08NH032	243.97	1509	0.252	0.275	0.303	0.336	0.348	0.391	0.449	0.575	0.720	1.019	86
21	Carney	08NH131	117.95	2193	0.318	0.323	0.329	0.337	0.340	0.351	0.367	0.408	0.464	0.625	30
21	Duck	08NH016	49.32	1542	0.157	0.168	0.180	0.195	0.200	0.219	0.244	0.295	0.354	0.471	48
21	Duhamel	08NJ026	54.75	1576	0.132	0.147	0.163	0.182	0.189	0.213	0.244	0.301	0.355	0.427	23
21	Duncan-BB	08NH119	1314.22	1946	4.630	4.765	4.923	5.112	5.182	5.437	5.781	6.567	7.563	10.046	54
21	Fell	08NJ129	4.73	1649											
21	Five Mile	08NJ168	45.90	1771	0.059	0.064	0.070	0.076	0.078	0.087	0.097	0.118	0.140	0.178	31
21	Fry	08NH130	583.94	2049	1.090	1.157	1.234	1.325	1.358	1.477	1.631	1.965	2.352	3.182	43
21	Goat	08NH004	1211.03	1560	1.136	1.282	1.455	1.664	1.742	2.024	2.399	3.204	4.095	5.719	64
21	Kaslo	08NH005	440.46	1808	1.093	1.182	1.285	1.404	1.446	1.596	1.784	2.158	2.536	3.160	60
21	Keen	08NH132	93.28	1997	0.231	0.241	0.252	0.266	0.271	0.289	0.313	0.367	0.432	0.587	44
21	Lemon	08NJ160	180.41	1713	0.366	0.403	0.445	0.494	0.512	0.575	0.654	0.814	0.974	1.231	44
21	Redfish	08NJ061	26.01	1819	0.045	0.050	0.056	0.063	0.066	0.075	0.086	0.110	0.133	0.168	45
21	Sullivan	08NH115	6.07	1559	0.004	0.004	0.005	0.006	0.007	0.008	0.010	0.014	0.017	0.021	53
22	Beaton	08NE008	94.54	1512	0.515	0.530	0.547	0.569	0.576	0.605	0.645	0.735	0.852	1.151	64
22	Big Sheep	08NE039	346.84	1423	0.231	0.243	0.257	0.275	0.282	0.307	0.342	0.428	0.548	0.899	68
22	Burrell	08NN023	221.79	1443	0.037	0.042	0.049	0.057	0.061	0.074	0.095	0.157	0.268	0.741	42
22	Deer	08NE087	80.32	1361	0.071	0.072	0.074	0.076	0.077	0.081	0.087	0.105	0.135	0.253	59
22	Goldstream	08ND012	932.47	1705	2.917	3.063	3.231	3.429	3.502	3.762	4.106	4.857	5.755	7.790	54
22	Hidden	08NE114	56.53	1561	0.117	0.119	0.123	0.127	0.129	0.137	0.149	0.185	0.247	0.510	44
22	Humphries	08NH138	7.57	1703	0.021	0.022	0.024	0.026	0.027	0.030	0.034	0.044	0.055	0.083	16
22	Illecillewaet	08ND013	1149.20	1768	3.782	3.948	4.140	4.366	4.449	4.747	5.140	6.005	7.048	9.451	54
22	Incomappleux	08NE001	1000.98	1823	4.946	5.159	5.401	5.682	5.783	6.142	6.604	7.575	8.670	10.950	43
22	Kuskanax-1040	08NE117	110.67	1769	0.347	0.358	0.371	0.387	0.393	0.415	0.446	0.520	0.621	0.903	22
22	Kuskanax-Nakusp	08NE006	319.02	1695	1.230	1.293	1.366	1.451	1.482	1.594	1.740	2.056	2.427	3.247	52
22	Lardeau	08NH007	1632.11	1717	7.870	8.097	8.363	8.681	8.798	9.226	9.803	11.118	12.778	16.897	67
22	Salmo	08NE074	1245.59	1481	2.397	2.499	2.623	2.777	2.835	3.055	3.367	4.149	5.274	8.725	68
22	Slocan	08NJ013	3329.22	1616	9.519	10.274	11.137	12.141	12.503	13.782	15.406	18.698	22.143	28.220	92
22	Smoky	08NJ162	4.24	1108	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.003	0.015	11
22	Stitt	08ND018	137.52	1960	0.168	0.188	0.213	0.245	0.257	0.304	0.372	0.548	0.807	1.599	26

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

Hydro-logic Zone	Watershed Stream	Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Daily Mean Flow (m^3/s) Percent of Time Exceeded (%) 99	95	90	80	50	25	15	10	5	2	1.0	0.1
18	Beaver	08NB019	1156.47	1904	4.200	5.410	6.230	7.798	18.800	66.800	93.090	112.000	140.000	169.000	187.000	246.892
18	Blaeberry-Ensign	08NB015	233.48	2169	0.613	0.748	0.850	1.030	2.860	12.300	17.965	21.110	25.500	30.200	33.100	43.610
18	Blaeberry-Willowbank	08NB012	588.02	2010	1.400	1.800	2.000	2.400	6.700	27.400	38.800	45.600	55.200	66.600	73.700	107.100
18	Carbonate	08NA037	9.52	1708	0.031	0.040	0.048	0.062	0.105	0.178	0.239	0.281	0.345	0.452	0.519	0.748
18	Columbia-Donald	08NB005	9692.93	1821	24.300	28.600	31.400	36.800	76.800	264.000	396.000	467.000	564.000	663.700	736.000	909.000
18	Columbia-Nicholson	08NA002	6656.35	1791	16.700	25.800	53.000	212.000	294.000	357.000	374.000	428.000	483.000	533.000	580.000	625.800
18	Gold-Bachelor	08NB013	140.67	2152	0.314	0.405	0.455	0.535	1.680	11.200	17.500	21.200	25.800	30.812	33.728	45.900
18	Gold-Palmer	08NB014	429.13	2097	0.968	1.500	1.720	2.030	5.860	30.900	45.100	53.300	64.700	77.000	85.700	111.563
18	Kicking Horse	08NA006	1840.85	1948	3.300	4.700	5.400	6.400	17.100	65.800	94.700	116.000	146.000	183.000	210.000	309.000
18	Kootenay-Crossing	08NF001	420.92	1641	0.031	0.099	0.157	0.283	1.560	5.920	11.600	15.500	21.500	28.200	32.300	44.911
18	Split	08NB016	79.45	1996	0.213	0.261	0.292	0.340	0.760	2.150	3.620	4.640	5.860	7.410	8.370	11.936
19	Albert	08NF005	68.43	2082	0.003	0.010	0.026	0.051	0.361	1.650	3.870	5.279	7.260	9.722	11.600	22.552
19	Columbia-Fairmont	08NA045	888.15	1846	2.520	2.970	3.230	3.570	5.200	11.500	21.500	28.300	36.000	45.300	52.400	69.154
19	Elk-Fernie	08NK002	3103.93	1866	7.930	10.000	11.200	13.600	24.400	53.200	88.400	123.000	172.000	230.000	272.050	463.285
19	Elk-Natal	08NK016	1847.75	1967	3.800	4.530	5.060	5.830	11.900	29.500	52.200	72.200	101.000	133.000	159.000	256.744
19	Elk-Phillips	08NK005	4391.64	1806	11.000	14.600	17.000	20.700	35.100	82.600	153.000	209.000	292.000	385.000	473.000	731.130
19	Elk-Weary	08NK027	332.97	2089	0.614	0.800	0.901	1.070	2.800	9.120	14.200	18.500	25.600	32.534	38.400	61.443
19	Fording	08NK018	619.32	1975	1.270	1.550	1.800	2.130	3.660	8.050	14.400	21.100	32.100	43.134	53.567	95.341
19	Fording	08NK021	116.25	2093	0.114	0.149	0.184	0.265	0.640	1.890	3.536	5.060	7.650	11.022	14.700	25.947
19	Grave	08NK019	80.06	1730	0.178	0.242	0.286	0.338	0.510	1.080	1.930	2.800	4.130	5.692	6.901	10.261
19	Kootenay- Ft Steele	08NG065	11420.46	1787	25.849	30.800	34.000	39.800	79.900	191.000	362.000	497.000	658.000	847.000	967.020	1421.510
19	Kootenay-Canal Flats	08NF002	5425.73	1863	12.800	15.400	17.000	19.800	42.200	109.000	189.000	238.000	314.000	408.000	484.000	745.000
19	Kootenay-Skookumchuck	08NG053	7207.23	1865	16.800	20.300	22.300	25.100	50.100	133.000	241.000	318.000	425.000	531.520	623.000	949.276
19	Line	08NK022	137.60	1974	0.348	0.428	0.490	0.580	1.010	2.090	3.750	5.564	8.482	11.400	13.700	25.450
19	Mark	08NG085	98.39	1757	0.130	0.187	0.200	0.225	0.326	1.030	2.290	3.340	6.010	8.472	10.800	19.436
19	Palliser	08NF006	670.17	1981	1.760	2.110	2.380	2.870	6.230	18.400	31.845	41.100	55.500	70.400	82.226	137.726
20	Bull	08NG002	1499.46	1783	4.110	5.380	6.170	7.700	14.100	37.500	67.400	91.500	125.000	166.000	193.610	285.322
20	Cabin	08NP004	91.64	1792	0.159	0.225	0.261	0.340	0.581	1.740	3.960	5.970	9.120	13.700	16.280	22.928
20	Caven	08NG078	315.36	1448	0.362	0.459	0.524	0.618	0.954	1.990	3.880	5.640	8.700	12.600	14.900	22.960
20	Couldrey	08NP002	106.07	1785	0.206	0.297	0.360	0.465	0.859	2.460	5.040	7.360	10.590	14.336	16.818	25.771
20	Flathead	08NP001	1112.13	1752	2.780	3.500	4.150	5.150	9.200	27.600	57.800	81.800	121.000	162.000	187.000	274.890
20	Hosmer	08NK026	6.42	1672	0.013	0.018	0.021	0.024	0.042	0.121	0.228	0.332	0.534	0.773	0.932	1.519
20	Howell	08NP003	141.55	1820	0.281	0.377	0.444	0.578	1.140	3.230	5.990	8.238	11.300	15.300	16.800	25.009
20	Mather	08NG076	137.25	1469	0.160	0.200	0.235	0.300	0.521	1.310	2.620	3.810	5.490	7.610	9.261	14.240
20	Matthew	08NG086	147.89	1950	0.229	0.269	0.309	0.408	0.815	3.060	6.140	8.542	14.080	19.852	25.252	40.908
20	Michel	08NK020	639.00	1791	1.020	1.330	1.600	2.000	3.560	9.060	20.500	31.940	51.800	72.800	85.200	146.000
20	Moyie-Eastport	08NH006	1573.82	1471	1.190	1.590	1.900	2.490	5.180	19.000	43.000	62.600	91.500	123.000	144.000	206.466
20	Moyie-Negro	08NH120	238.30	1691	0.143	0.236	0.310	0.433	0.979	3.740	10.100	15.530	24.400	36.000	43.600	65.956
20	St. Mary-Marysville	08NG046	1479.07	1918	4.400	5.320	5.950	6.990	14.300	42.800	87.200	126.000	173.650	227.000	264.130	391.000
20	St. Mary-Morris	08NG077	210.91	1882	0.580	0.765	0.890	1.130	2.495	7.880	15.700	22.200	30.500	39.900	46.263	70.069
20	St. Mary-Wycliffe	08NG012	2395.46	1822	5.660	6.970	7.960	9.600	19.200	58.000	116.000	165.000	230.650	306.000	357.000	530.000

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

Hydro-logic Zone	Watershed Stream	Hydrometric Station	Drainage Area (km^2)	Median Elevation (m)	Daily Mean Flow (m^3/s) Percent of Time Exceeded (%) 99	95	90	80	50	25	15	10	5	2	1.0	0.1
21	Anderson-Nelson	08NJ130	8.48	1455	1.494	1.990	2.270	2.790	7.640	25.200	43.900	57.030	75.615	98.552	115.000	163.063
21	Arrow	08NH084	78.31	1577	0.241	0.308	0.343	0.401	0.616	1.630	3.440	4.870	7.520	10.400	12.112	17.400
21	Boundary-Porthill	08NH032	243.97	1509	0.425	0.566	0.651	0.850	1.700	5.210	12.100	17.900	27.050	36.800	42.500	64.300
21	Carney	08NH131	117.95	2193	0.362	0.416	0.462	0.540	1.530	6.540	10.600	13.400	17.600	22.500	25.911	38.453
21	Duck	08NH016	49.32	1542	0.237	0.297	0.327	0.375	0.526	0.954	1.600	2.100	3.140	4.200	5.019	7.632
21	Duhamel	08NJ026	54.75	1576	0.002	0.004	0.005	0.007	0.041	0.136	0.232	0.298	0.441	0.618	0.715	1.044
21	Duncan-BB	08NH119	1314.22	1946	5.800	6.870	7.790	9.600	27.400	95.400	141.000	173.000	215.000	263.000	298.000	405.019
21	Fell	08NJ129	4.73	1649	0.005	0.008	0.009	0.011	0.023	0.062	0.130	0.187	0.266	0.362	0.442	0.810
21	Five Mile	08NJ168	45.90	1771	0.086	0.113	0.134	0.168	0.348	1.040	2.540	4.110	6.050	8.146	9.700	14.846
21	Fry	08NH130	583.94	2049	1.494	1.990	2.270	2.790	7.640	25.200	43.900	57.030	75.615	98.552	115.000	163.063
21	Goat	08NH004	1211.03	1560	2.350	3.140	3.710	4.730	8.520	26.100	55.200	77.000	112.000	159.000	186.000	308.493
21	Kaslo	08NH005	440.46	1808	1.760	2.110	2.350	2.920	5.850	15.200	28.900	38.800	51.700	65.688	79.291	115.000
21	Keen	08NH132	93.28	1997	0.290	0.370	0.410	0.511	1.210	3.860	7.470	10.100	13.700	17.400	20.495	29.397
21	Lemon	08NJ160	180.41	1713	0.638	0.805	0.907	1.100	1.890	4.710	9.820	14.300	19.700	24.900	29.186	45.443
21	Redfish	08NJ061	26.01	1819	0.080	0.105	0.123	0.150	0.260	0.762	1.820	2.680	4.010	5.570	6.617	9.407
21	Sullivan	08NH115	6.07	1559	0.009	0.013	0.015	0.018	0.027	0.062	0.112	0.156	0.233	0.334	0.413	0.703
22	Beaton	08NE008	94.54	1512	0.640	0.743	0.827	0.965	1.560	3.140	5.470	7.190	9.030	10.800	12.300	17.579
22	Big Sheep	08NE039	346.84	1423	0.326	0.402	0.459	0.555	1.270	5.640	12.600	18.000	27.100	36.900	43.300	60.600
22	Burrell	08NN023	221.79	1443	0.092	0.138	0.203	0.314	0.906	4.280	10.400	14.300	20.400	28.018	33.000	47.432
22	Deer	08NE087	80.32	1361	0.090	0.108	0.122	0.146	0.272	0.975	1.890	2.730	3.960	5.520	6.829	10.800
22	Goldstream	08ND012	932.47	1705	4.350	5.200	5.860	7.200	19.400	56.100	85.500	105.000	132.000	161.000	184.000	260.416
22	Hidden	08NE114	56.53	1561	0.152	0.180	0.212	0.281	0.632	1.820	3.540	4.798	6.760	8.890	10.500	15.870
22	Humphries	08NH138	7.57	1703	0.037	0.045	0.050	0.063	0.151	0.420	0.705	0.872	1.150	1.490	1.688	2.208
22	Illecillewaet	08ND013	1149.20	1768	5.377	6.650	7.610	9.300	25.400	79.700	117.000	143.000	177.000	212.000	237.000	324.000
22	Incomappleux	08NE001	1000.98	1823	6.487	7.870	8.690	10.600	27.800	86.400	121.000	144.000	176.000	214.000	244.250	344.625
22	Kuskanax-1040	08NE117	110.67	1769	0.435	0.507	0.598	0.733	1.660	5.860	12.700	17.100	23.800	30.400	35.300	52.192
22	Kuskanax-Nakusp	08NE006	319.02	1695	1.730	2.030	2.300	2.810	5.540	14.700	30.800	42.500	56.100	69.900	82.930	153.000
22	Lardeau	08NH007	1632.11	1717	9.830	11.400	12.500	14.800	29.600	73.300	132.000	166.000	207.000	244.000	272.000	356.670
22	Salmo	08NE074	1245.59	1481	3.320	4.200	4.900	6.090	11.700	35.100	68.800	94.000	135.000	178.000	208.560	300.000
22	Slocan	08NJ013	3329.22	1616	14.400	17.900	20.000	24.200	42.200	104.000	194.000	257.000	328.000	396.000	445.000	595.000
22	Smoky	08NJ162	4.24	1108	0.001	0.002	0.002	0.004	0.016	0.058	0.102	0.131	0.182	0.273	0.339	0.722
22	Stitt	08ND018	137.52	1960	0.416	0.595	0.704	0.954	2.900	10.600	15.500	18.600	23.700	30.000	35.403	51.951

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

APPENDIX 1. DATASHEETS

Zone 18 Upper Columbia Basin

Zone 19 Upper Kootenay Basin

Zone 20 Central Kootenay Basin

Zone 21 Lower Kootenay Basin

Zone 22 Lower Columbia Basin

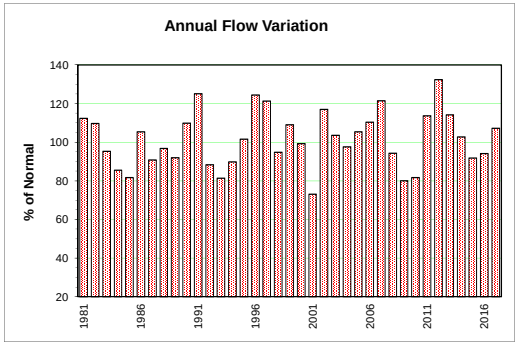
ZONE 18 - UPPER COLUMBIA BASIN

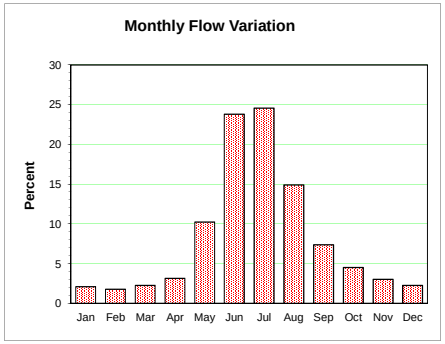
COLUMBIA RIVER AT NICHOLSON 08NA002

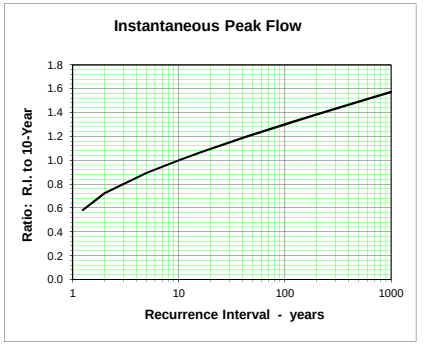
Station Longitude Latitude: -116.91221 51.24386

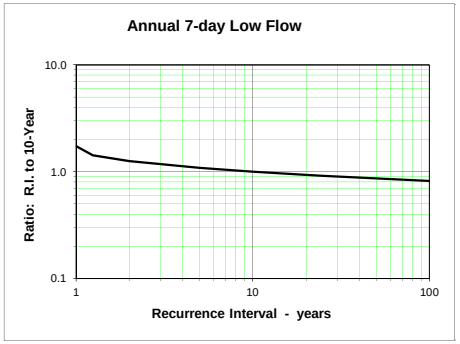
Monthly and Annual Discharge in m^3/s | Drainage Area = 6656.35 km^2 | Median Elevation = 1791 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	36.00	29.60	30.70	36.60	151.00	269.00	333.00	276.00	117.00	49.90	35.70	27.50	116.73		Jul 10	382.35	72.60	23.60	1981
1982	21.70	26.20	26.50	30.30	93.80	337.00	364.00	194.00	125.00	70.30	40.00	33.10	113.99		Jun 27	544.35	91.60	20.30	1982
1983	30.20	28.30	30.50	33.50	95.10	294.00	286.00	196.00	85.50	40.90	39.40	22.90	98.94		Jul 17	395.43	56.30	20.40	1983
1984	25.10	23.70	27.40	31.30	44.80	206.00	301.00	205.00	91.80	46.30	34.10	25.90	88.86		Jul 03	415.56	62.80	21.30	1984
1985	22.00	20.60	22.10	37.20	127.00	260.00	226.00	123.00	70.90	46.30	31.80	27.00	84.85		May 31	304.88	53.50	18.30	1985
1986	20.60	20.00	31.00	39.80	96.40	439.00	281.00	175.00	89.70	50.70	39.40	27.30	109.42		Jun 06	560.45	55.40	18.10	1986
1987	23.50	21.10	26.80	37.40	211.00	279.00	216.00	137.00	87.10	38.80	27.40	21.30	94.31		Jun 20	355.19	67.20	16.80	1987
1988	18.10	19.60	24.50	46.70	135.00	340.00	254.00	149.00	84.90	63.40	41.20	28.80	100.57		Jun 08	434.68	58.20	16.60	1988
1989	28.80	22.90	30.20	38.60	113.00	278.00	240.00	170.00	88.60	50.80	44.60	36.60	95.58		Jun 19	425.62	68.00	20.20	1989
1990	26.30	19.90	28.80	53.80	107.00	291.00	389.00	208.00	92.10	54.40	51.10	39.10	114.05		Jun 30	504.00	74.30	15.20	1990
1991	29.70	28.60	26.60	48.70	157.00	316.00	436.00	273.00	113.00	53.80	35.50	30.20	129.84		Jul 07	520.00	74.70	24.30	1991
1992	27.20	29.00	28.10	40.90	139.00	280.00	235.00	143.00	68.00	55.40	34.10	19.30	91.77		Jun 30	345.00	51.50	16.20	1992
1993	22.20	18.40	27.60	28.00	148.00	231.00	187.00	153.00	80.70	51.30	30.40	31.10	84.51		Jun 06	289.00	55.70	16.70	1993
1994	24.60	20.70	24.60	54.30	159.00	239.00	271.00	160.00	75.00	39.40	24.40	20.40	93.23		Jul 02	325.00	62.90	16.50	1994
1995	19.50	22.10	29.00	27.60	104.00	349.00	293.00	177.00	100.00	55.70	44.10	40.20	105.51		Jun 10	401.00	69.90	15.80	1995
1996	31.40	30.60	28.30	66.10	121.00	387.00	437.00	234.00	96.30	57.20	34.40	24.00	129.29		Jul 07	508.00	60.40	19.30	1996
1997	26.10	23.90	34.10	42.90	142.00	403.00	327.00	215.00	122.00	93.00	44.90	31.70	126.00		Jun 20	510.00	100.80	19.90	1997
1998	26.80	27.10	30.30	37.20	194.00	261.00	240.00	170.00	90.70	42.30	32.40	23.30	98.43		Jun 04	302.00	60.00	16.30	1998
1999	23.00	22.80	27.10	36.30	90.60	277.00	331.00	274.00	109.00	48.60	67.80	44.30	113.25		Jun 24	418.00	71.90	21.60	1999
2000	34.70	31.20	35.10	43.50	108.00	223.00	330.00	212.00	97.30	58.60	34.00	25.50	103.17		Jul 05	353.00	77.50	18.50	2000
2001	22.20	19.90	24.60	26.50	95.40	212.00	215.00	138.00	73.70	33.50	27.60	19.40	75.85		Jun 02	283.00	55.60	15.60	2001
2002	19.40	19.30	22.00	30.90	90.20	419.00	484.00	172.00	103.00	44.10	25.20	22.70	121.56		Jul 01	748.00	62.70	15.70	2002
2003	23.20	21.50	26.80	39.10	101.00	352.00	265.00	159.00	87.70	103.00	70.30	37.00	107.51		Jun 23	410.00	62.10	19.20	2003
2004	24.90	23.00	29.30	56.00	130.00	235.00	283.00	181.00	122.00	64.00	39.10	26.50	101.45		Jul 05	358.00	88.40	21.40	2004
2005	38.90	30.60	31.10	43.40	145.00	296.00	300.00	163.00	87.00	88.40	53.00	30.90	109.47		Jul 05	342.00	62.80	21.20	2005
2006	30.50	22.20	27.70	42.60	197.00	383.00	310.00	151.00	89.80	47.10	41.60	26.70	114.58		Jun 18	493.00	67.00	16.70	2006
2007	24.60	24.50	42.70	54.00	171.00	443.00	404.00	167.00	75.90	43.00	31.00	26.00	126.11		Jun 10	651.00	49.40	17.00	2007
2008	24.80	25.90	22.30	24.90	124.00	272.00	297.00	172.00	96.70	53.90	36.20	22.40	97.96		Jul 07	424.00	70.40	16.00	2008
2009	23.80	20.60	21.10	24.50	66.50	247.00	223.00	170.00	100.00	45.40	32.20	19.30	83.10		Jun 24	304.00	81.10	16.10	2009
2010	22.10	19.10	20.20	34.30	95.10	214.00	260.00	149.00	73.70	69.50	32.20	23.70	84.90		Jul 03	348.00	55.50	17.50	2010
2011	20.80	19.40	21.30	25.70	105.00	333.00	415.00	218.00	106.00	73.80	38.90	30.50	117.99		Jul 10	477.00	84.40	17.80	2011
2012	23.00	21.20	26.60	55.40	160.00	400.00	500.00	231.00	87.30	59.40	49.40	30.10	137.46		Jun 28	573.00	74.20	17.70	2012
2013	28.40	29.30	29.20	35.40	171.00	335.00	361.00	172.00	126.00	60.40	37.20	30.80	118.53		Jul 06	525.00	87.90	24.70	2013
2014	26.20	26.00	28.30	33.90	131.00	298.00	324.00	159.00	97.00	64.30	50.20	36.60	106.72		Jun 29	372.00	74.80	23.90	2014
2015	28.90	35.40	33.20	44.20	125.00	306.00	206.00	123.00	102.00	68.00	38.20	32.00	95.35		Jun 13	395.00	80.90	23.30	2015
2016	24.50	23.60	26.70	85.40	200.00	237.00	204.00	139.00	77.00	65.20	57.90	30.80	97.81		Jun 13	321.00	63.90	23.00	2016
2017	25.70	28.10	40.60	47.30	158.00	408.00	302.00	140.00	88.90	39.60	34.90	19.40	111.35		Jun 11	476.00	54.10	14.30	2017
Avg.	25.66	24.21	28.19	40.92	129.8	306.7	306.22	179.68	94.01	56.48	39.51	28.22	105.41	107.41		426.85	68.12	18.84	m^3/s
S. D.	4.63	4.30	4.83	12.49	38.00	67.89	79.66	40.24	15.54	15.29	10.51	6.31	14.87			105.93	12.38	2.93	m^3/s
Normal	25.73	23.76	27.90	39.56	125.06	301.07	300.60	182.20	93.14	55.30	38.50	27.80	103.83	m^3/s					
Normal	10	9	11	15	50	117	121	73	36	22	15	11	492	mm	10-Year	586.40	53.90	15.50	m^3/s







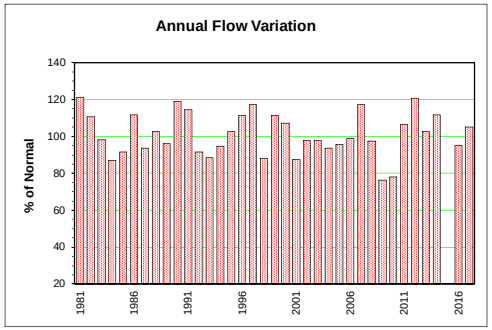


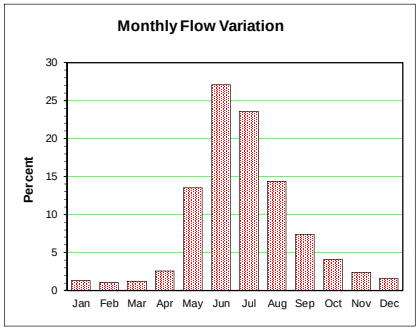
KICKING HORSE RIVER AT GOLDEN 08NA006

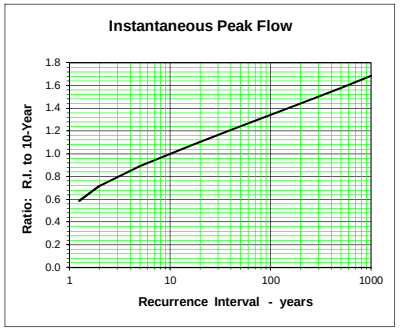
Station Longitude Latitude: -116.97253 51.30077

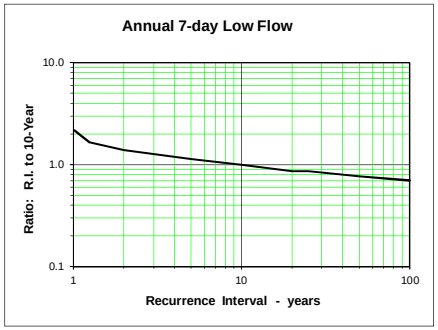
Monthly and Annual Discharge in m^3/s | Drainage Area = 1840.85 km^2 | Median Elevation = 1948 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	9.37	7.52	6.93	11.50	92.10	98.90	162.00	104.00	44.30	19.70	11.80	8.24	48.43	May 26	249.00	27.80	6.00	1981
1982	7.06	5.84	6.05	7.14	48.90	157.00	128.00	76.80	55.30	20.70	10.80	6.75	44.36	Jun 15	216.00	37.60	5.00	1982
1983	7.01	5.94	6.29	12.50	60.90	108.00	116.00	82.10	34.70	14.90	13.70	7.26	39.35	May 31	219.00	22.30	5.30	1983
1984	5.80	5.13	5.76	9.58	21.90	118.00	98.20	74.70	45.10	19.90	8.26	5.73	34.89	Jun 30	279.00	33.80	4.70	1984
1985	5.54	4.82	4.89	11.00	81.90	110.00	100.00	53.50	31.80	16.50	9.06	8.68	36.69	May 26	224.00	22.00	4.30	1985
1986	7.79	5.33	6.26	9.31	77.10	171.00	112.00	76.00	31.50	18.30	11.00	8.56	44.71	May 30	367.00	18.10	4.70	1986
1987	6.32	5.58	6.22	13.60	92.60	109.00	94.10	53.70	38.30	14.10	8.67	5.58	37.52	May 12	183.00	29.00	4.30	1987
1988	5.40	4.33	5.21	20.50	65.10	145.00	111.00	63.10	34.20	21.30	11.90	5.20	41.09	Jun 08	351.00	19.80	3.70	1988
1989	3.37	3.15	4.36	13.90	47.70	132.00	97.60	76.40	39.00	18.60	14.70	8.33	38.42	Jun 15	241.00	26.80	2.60	1989
1990	6.10	6.43	6.85	17.50	65.60	174.00	150.00	78.50	29.30	13.70	12.90	8.02	47.62	Jun 25	285.00	24.30	4.70	1990
1991	6.86	7.04	7.10	15.00	75.50	137.00	143.00	87.00	35.50	16.40	9.11	8.00	45.90	Jul 04	244.00	23.60	5.90	1991
1992	6.87	5.21	6.32	14.80	71.60	131.00	84.00	54.80	28.00	20.00	10.80	5.92	36.68	Jun 13	197.00	20.70	4.90	1992
1993	5.61	5.26	5.00	5.91	79.00	94.90	83.60	69.60	34.50	18.70	11.70	8.69	35.44	Jun 02	183.00	21.50	4.30	1993
1994	6.90	4.80	5.87	18.00	77.90	121.00	103.00	56.20	32.00	14.30	7.07	5.40	37.90	Jun 25	201.00	25.60	4.30	1994
1995	4.40	4.94	4.12	7.86	62.00	147.00	91.50	83.30	47.90	20.20	11.30	7.45	41.16	Jun 06	236.00	30.80	3.00	1995
1996	5.74	5.48	4.68	17.10	52.10	156.00	155.00	69.10	32.70	19.60	10.40	6.56	44.65	Jun 09	307.00	21.80	4.20	1996
1997	5.09	5.32	5.27	10.30	74.20	163.00	110.00	72.20	53.00	37.50	15.70	9.69	46.96	Jun 01	282.00	47.70	3.70	1997
1998	6.44	5.74	6.40	12.30	101.00	80.50	82.70	56.30	36.00	15.90	10.20	6.68	35.26	May 27	141.00	20.60	3.00	1998
1999	3.53	3.41	4.91	13.30	52.90	137.00	134.00	98.60	37.20	16.10	21.60	10.20	44.65	Jun 19	316.00	26.10	2.60	1999
2000	8.07	6.83	7.38	12.60	42.10	127.00	158.00	78.20	38.70	19.90	8.48	6.50	42.97	Jul 15	225.00	28.10	4.20	2000
2001	4.81	3.57	3.53	5.49	54.00	125.00	107.00	64.80	26.70	10.40	8.46	5.70	35.06	May 28	277.71	19.80	3.20	2001
2002	7.65	7.60	7.42	8.93	37.30	163.00	123.00	52.40	33.40	13.90	7.32	7.34	39.21	Jun 28	282.00	18.90	4.00	2002
2003	4.89	2.72	4.69	13.90	57.20	143.00	90.10	66.40	29.40	29.60	17.70	8.31	39.16	May 26	205.00	20.20	2.30	2003
2004	6.32	5.37	6.47	17.50	45.10	119.00	99.20	61.60	39.80	26.90	14.10	8.46	37.55	Jun 24	199.00	29.90	5.10	2004
2005	7.30	6.38	7.23	17.80	70.30	127.00	92.50	52.40	28.10	27.30	15.30	6.94	38.38	Jun 19	194.00	22.40	5.10	2005
2006	7.32	5.66	6.67	11.60	88.30	136.00	95.50	55.30	33.40	14.60	10.70	7.98	39.60	Jun 16	252.00	21.40	4.00	2006
2007	6.35	6.13	8.57	14.40	76.40	199.00	141.00	48.90	27.20	15.90	10.20	7.14	46.93	Jun 07	372.00	17.80	4.80	2007
2008	5.76	4.86	5.03	6.56	70.10	129.00	110.00	64.40	31.30	20.70	12.50	6.86	39.04	Jul 01	245.00	24.60	4.10	2008
2009	6.95	5.70	5.79	8.32	31.90	108.00	84.10	57.90	31.40	12.60	9.07	4.16	30.60	Jun 17	185.00	23.90	3.10	2009
2010	6.19	5.30	5.25	11.50	38.10	91.50	83.60	50.50	33.40	25.50	13.10	9.67	31.28	Jun 30	164.00	22.40	4.60	2010
2011	7.50	6.38	6.77	6.91	58.00	144.00	127.00	72.30	35.60	25.20	12.20	6.82	42.61	Jul 08	197.00	28.40	3.70	2011
2012	5.76	5.09	5.71	16.00	66.30	187.00	162.00	66.70	27.40	17.30	12.60	7.84	48.41	Jun 06	352.00	24.30	3.70	2012
2013	6.55	5.53	4.27	7.95	73.50	146.00	112.00	64.50	45.40	13.60	6.98	5.66	41.17	Jun 21	284.00	22.30	2.80	2013
2014	5.74	5.29	5.60	4.02	64.00	156.00	129.00	65.60	45.20	28.40	16.30	9.37	44.75	Jun 25	244.35	37.90	2.60	2014
2015	8.81	8.17	10.50	16.90	72.90	123.00	78.40	52.80	49.10			10.60		Jun 09	246.00	41.40	5.60	2015
2016	8.03	6.70	6.23	39.00	83.70	89.10	80.20	52.80	34.90	25.90	20.70	8.71	38.08	Jun 08	164.69	27.20	5.70	2016
2017	8.12	8.32	8.58	14.40	84.20	164.00	98.80	56.60	33.20	13.00	8.67	6.36	42.15	Jun 09	305.00	15.80	5.70	2017
Avg.	6.41	5.59	6.06	12.83	65.2	134.2	111.54	66.76	36.32	19.36	11.81	7.44	40.52	40.70		246.34	25.58	4.20	m^3/s
S. D.	1.33	1.26	1.38	6.03	18.18	27.74	25.08	13.40	7.32	5.79	3.52	1.50	4.66			58.85	6.87	1.02	m^3/s
Normal	6.23	5.38	5.88	12.32	63.69	131.93	111.32	67.96	35.77	19.12	11.59	7.33	40.05	m^3/s					
Normal	9	7	9	17	93	186	162	99	50	28	16	11	687	mm	10-Year	339.60	19.10	3.00	m^3/s









CARBONATE CREEK NEAR MCMURDO 08NA037

Station Longitude Latitude: -116.74027 51.14364

Monthly and Annual Discharge in m^3/s | Drainage Area = 9.52 km^2 | Median Elevation = 1708 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
1981																		1981
1982																		1982
1983																		1983
1984																		1984
1985																		1985
1986																		1986
1987																		1987
1988																		1988
1989					0.181	0.190	0.093	0.073	0.091					Jun 06	0.325	0.066		1989
1990				0.186	0.227	0.271	0.131	0.079	0.064					May 30	0.555	0.061		1990
1991				0.197	0.267	0.288	0.151	0.094	0.072					Jun 07	0.529	0.063		1991
1992				0.107	0.170	0.130	0.112	0.060	0.052					May 08	0.239	0.048		1992
1993				0.063	0.135	0.050	0.099	0.078	0.058					May 15	0.892	0.034		1993
1994				0.140	0.218	0.169	0.080	0.054	0.048					May 15	0.770	0.045		1994
1995				0.125	0.236	0.263	0.108	0.083	0.069					May 30	0.747	0.059		1995
1996				0.151	0.249	0.395	0.202	0.099	0.074					Jun 08	0.730	0.067		1996
1997				0.130	0.283	0.235	0.100	0.057	0.055					May 16	0.567	0.044		1997
1998				0.104	0.198	0.107	0.064	0.040	0.034					May 03	0.331	0.033		1998
1999																		1999
2000																		2000
2001																		2001
2002																		2002
2003																		2003
2004																		2004
2005																		2005
2006																		2006
2007																		2007
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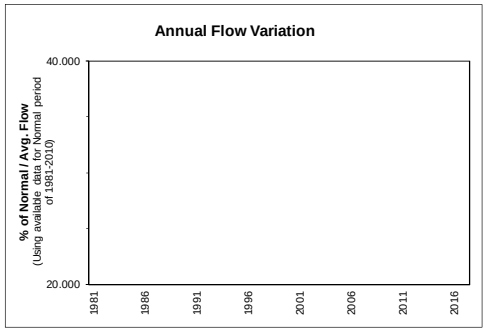
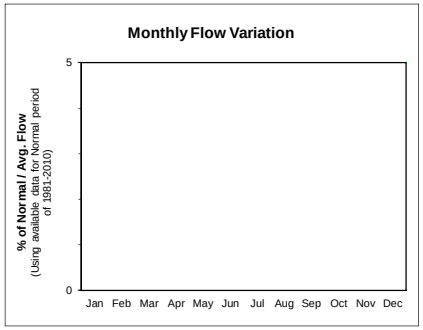
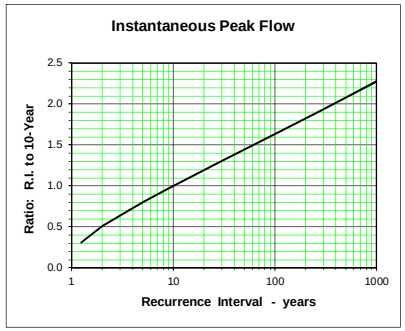
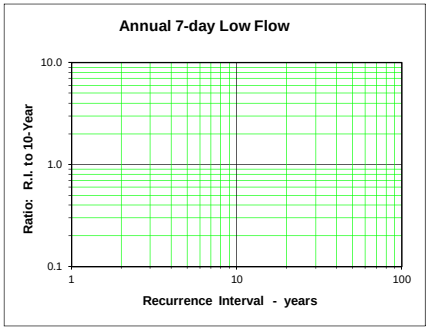
2009																		2009
2010																		2010
2011																		2011
2012																		2012
2013																		2013
2014																		2014
2015																		2015
2016																		2016
2017																		2017
Avg.	#DIV/0!	#DIV/0!	#DIV/0!	0.134	0.216	0.210	0.114	0.072	0.062	#DIV/0!	#DIV/0!	#DIV/0!			0.569	0.052	#DIV/0!	m^3/s
S. D.	#DIV/0!	#DIV/0!	#DIV/0!	0.041	0.046	0.101	0.039	0.019	0.016	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		0.218	0.013	#DIV/0!	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	#DIV/0!	0.134	0.216	0.210	0.114	0.072	0.062	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	#DIV/0!	#DIV/0!	#DIV/0!	36	61	57	32	20	17	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	mm	10-Year	1.1	0.037	0.000	m^3/s







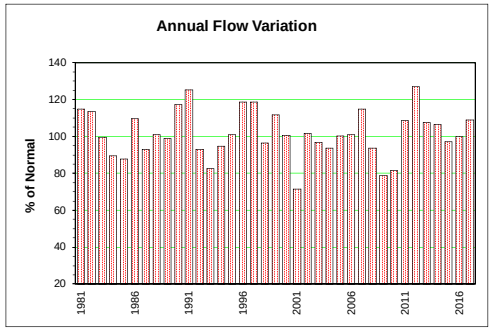


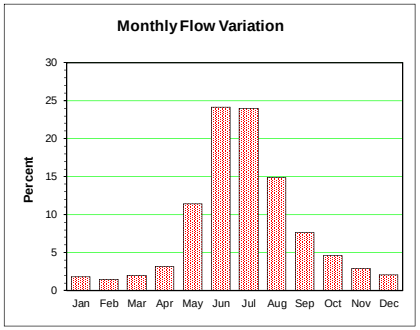
COLUMBIA RIVER AT DONALD 08NB005

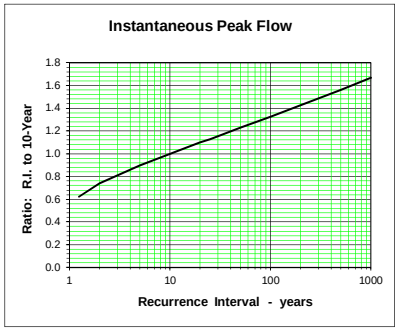
Station Longitude Latitude: -117.17975 51.48371

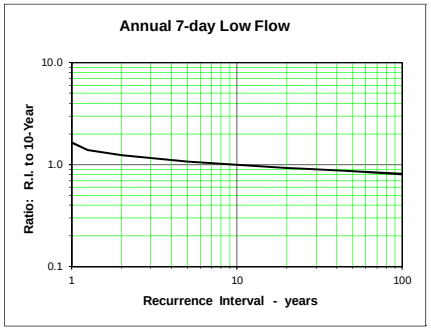
Monthly and Annual Discharge in m^3/s | Drainage Area = 9692.93 km^2 | Median Elevation = 1821 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	46.50	36.80	42.40	61.00	297.00	410.00	554.00	433.00	190.00	84.10	56.10	41.60	189.04	Jul 15	650.00	123.30	30.90	1981
1982	26.70	36.20	36.30	44.60	175.00	575.00	568.00	323.00	222.00	113.00	62.70	49.60	186.80	Jun 28	836.00	161.10	24.90	1982
1983	42.40	39.70	44.70	61.30	200.00	469.00	470.00	326.00	144.00	66.40	63.90	32.70	164.13	Jul 14	601.00	95.60	30.30	1983
1984	33.90	33.30	38.10	51.40	83.10	385.00	469.00	335.00	167.00	81.20	50.80	38.20	147.61	Jun 30	684.00	119.40	30.00	1984
1985	30.10	27.50	29.80	58.00	253.00	435.00	387.00	214.00	127.00	76.40	50.00	40.60	144.73	May 26	571.00	91.80	24.10	1985
1986	31.60	31.30	46.30	63.80	211.00	689.00	460.00	294.00	145.00	84.40	59.10	42.40	180.39	Jun 06	843.00	90.20	27.60	1986
1987	33.00	27.20	40.30	63.20	354.00	449.00	358.00	219.00	150.00	63.70	42.60	31.30	153.38	Jun 17	570.00	117.30	24.20	1987
1988	26.50	25.70	34.70	82.30	236.00	529.00	437.00	264.00	149.00	103.00	63.40	42.80	166.45	Jun 08	667.00	94.00	23.40	1988
1989	29.50	23.10	31.80	60.20	209.00	495.00	413.00	309.00	161.00	83.30	72.90	55.90	162.73	Jun 15	683.00	119.00	20.40	1989
1990	36.30	26.00	40.80	93.10	217.00	551.00	628.00	349.00	156.00	84.50	76.10	47.10	193.14	Jul 01	801.00	126.60	20.20	1990
1991	39.10	38.30	37.80	79.10	285.00	538.00	659.00	430.00	180.00	82.80	51.20	42.10	206.50	Jul 05	794.00	117.30	35.00	1991
1992	38.90	39.70	40.80	69.10	254.00	488.00	373.00	235.00	118.00	92.40	53.40	29.90	152.98	Jun 24	564.00	88.40	25.80	1992
1993	26.60	23.60	36.80	42.50	266.00	364.00	307.00	254.00	138.00	80.40	45.20	39.70	136.10	Jun 02	499.00	92.00	21.70	1993
1994	31.10	27.10	35.10	89.80	285.00	423.00	435.00	263.00	132.00	67.50	39.50	32.30	155.91	Jul 03	528.00	111.30	23.50	1994
1995	22.30	28.60	39.40	43.60	189.00	548.00	434.00	305.00	176.00	94.30	63.10	48.10	166.62	Jun 07	618.00	121.90	18.00	1995
1996	42.00	39.10	35.00	105.00	199.00	592.00	660.00	342.00	153.00	87.90	50.40	35.50	195.60	Jul 05	791.00	96.20	27.90	1996
1997	35.50	31.30	41.30	55.10	244.00	631.00	495.00	328.00	199.00	158.00	72.10	42.90	195.28	Jun 19	781.00	167.70	29.10	1997
1998	37.00	36.70	40.20	57.00	352.00	402.00	391.00	278.00	156.00	65.40	46.70	31.40	158.69	Jun 02	463.00	95.50	18.10	1998
1999	32.80	32.50	35.90	58.70	170.00	470.00	534.00	436.00	180.00	78.20	109.00	61.00	184.18	Jun 19	656.00	124.30	29.90	1999
2000	45.10	39.30	43.60	63.30	179.00	401.00	551.00	334.00	158.00	86.40	46.30	35.30	165.86	Jul 15	598.00	124.10	26.20	2000
2001	31.40	27.80	32.30	38.20	168.00	326.00	333.00	216.00	116.00	53.10	40.70	28.20	117.91	May 29	542.00	89.30	23.30	2001
2002	28.60	28.20	29.60	41.90	137.00	591.00	619.00	237.00	149.00	67.10	37.60	33.00	167.30	Jun 30	911.00	92.80	23.20	2002
2003	32.90	28.60	36.80	61.60	174.00	527.00	381.00	240.00	131.00	150.00	90.20	52.60	159.40	Jun 21	613.00	93.40	24.80	2003
2004	33.30	31.00	39.70	89.40	196.00	387.00	410.00	264.00	180.00	108.00	63.60	42.60	154.10	Jul 03	538.00	141.30	29.10	2004
2005	55.30	43.90	43.20	75.80	251.00	464.00	426.00	231.00	130.00	131.00	77.70	44.70	165.21	Jun 23	528.00	100.50	30.30	2005
2006	44.00	35.60	39.10	64.70	318.00	547.00	422.00	214.00	134.00	67.60	57.10	45.70	166.42	Jun 16	686.00	98.40	27.00	2006
2007	35.30	34.90	54.30	77.80	257.00	674.00	590.00	251.00	127.00	73.20	50.30	38.60	189.40	Jun 08	905.00	82.20	26.10	2007
2008	32.50	31.20	31.00	38.30	219.00	444.00	457.00	268.00	146.00	86.90	57.70	35.70	154.42	Jul 05	652.00	110.30	25.50	2008
2009	35.00	30.30	32.60	42.40	117.00	399.00	346.00	254.00	151.00	65.20	47.40	30.50	129.68	Jun 18	484.00	123.50	25.60	2009
2010	31.80	28.20	29.40	55.80	155.00	348.00	394.00	233.00	131.00	113.00	48.90	32.80	134.14	Jun 30	560.00	94.60	24.60	2010
2011	32.00	28.20	30.70	39.80	196.00	535.00	581.00	328.00	162.00	114.00	53.20	35.40	178.96	Jul 09	666.00	134.00	23.90	2011
2012	32.70	34.00	37.00	85.50	257.00	638.00	738.00	340.00	135.00	89.40	71.50	43.40	209.15	Jun 25	911.00	116.00	26.40	2012
2013	40.60	37.00	40.50	58.30	281.00	515.00	505.00	267.00	197.00	84.00	51.40	40.80	177.30	Jul 04	770.00	126.40	33.90	2013
2014	35.90	36.60	37.60	49.70	241.00	507.00	510.00	267.00	170.00	109.00	74.60	56.80	175.45	Jun 26	641.00	133.00	32.80	2014
2015	43.70	47.90	54.20	77.00	246.00	483.00	328.00	210.00	194.00	120.00	63.30	48.60	160.07	Jun 09	628.00	155.60	33.80	2015
2016	36.80	36.10	40.20	157.00	340.00	381.00	342.00	236.00	144.00	113.00	94.90	48.30	164.48	Jun 09	504.00	117.40	34.50	2016
2017	42.70	45.80	60.90	76.20	285.00	647.00	458.00	232.00	148.00	64.90	51.50	34.30	179.38	Jun 10	833.00	83.30	29.70	2017
Avg.	35.44	33.20	38.92	65.72	229.6	493.4	470.89	285.38	155.30	90.34	59.62	40.88	167.27	171.06		664.05	112.68	26.64	m^3/s
S. D.	6.64	6.08	6.91	22.91	63.01	95.08	106.64	61.64	24.83	24.08	15.81	8.12	20.89			128.58	21.72	4.39	m^3/s
Normal	34.90	32.09	37.97	62.93	221.67	485.03	465.37	289.30	153.20	88.28	58.19	40.16	164.80	m^3/s					
Normal	10	8	10	17	61	130	129	80	41	24	16	11	537	mm	10-Year	906.10	87.60	22.20	m^3/s







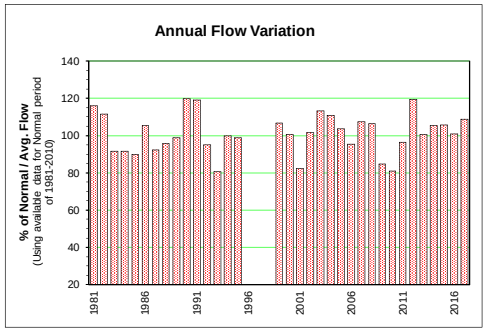


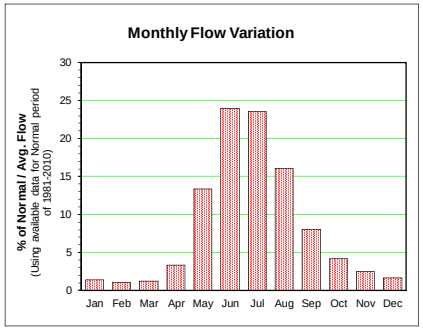
BLAEBERRY RIVER ABOVE WILLOWBANK CREEK 08NB012

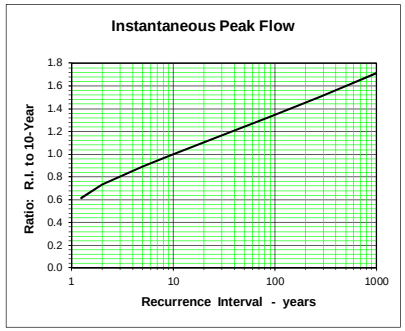
Station Longitude Latitude: -116.96964 51.48254

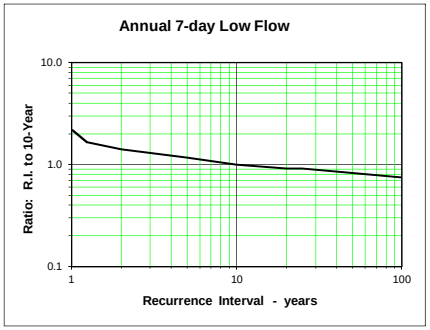
Monthly and Annual Discharge in m^3/s | Drainage Area = 588.02 km^2 | Median Elevation = 2010 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	6.28	3.04	2.69	6.69	38.50	33.30	58.80	43.90	19.70	7.56	5.31	3.25	19.25	May 26	96.00	10.70	2.30	1981
1982	2.07	2.14	2.11	2.67	22.50	59.70	50.30	34.90	27.30	9.27	5.23	3.19	18.52	Jun 28	88.00	16.30	1.80	1982
1983	2.74	2.10	2.12	6.25	23.20	38.70	42.40	34.00	14.30	6.54	6.21	3.09	15.23	Jul 12	102.00	9.60	1.90	1983
1984	2.63	2.19	2.14	6.36	11.80	45.70	42.70	35.50	18.80	7.93	3.86	2.54	15.21	Jun 29	114.00	12.20	1.90	1984
1985	2.21	1.84	1.95	5.79	32.50	39.00	43.00	24.60	12.50	6.41	4.24	3.61	14.90	May 24	82.20	7.70	1.70	1985
1986	2.33	1.91	3.28	7.54	34.90	61.80	39.10	30.50	13.50	7.51	4.16	2.71	17.52	May 29	153.00	7.70	1.60	1986
1987	2.25	1.92	2.04	6.74	34.80	44.60	38.70	23.30	16.80	5.97	3.64	2.42	15.35	May 12	69.40	12.00	1.80	1987
1988	1.78	1.29	1.64	8.53	24.20	52.40	38.90	29.70	15.50	8.63	4.91	3.17	15.92	Jun 08	112.27	7.20	1.20	1988
1989	2.43	2.01	1.94	5.86	23.40	51.80	42.90	34.40	14.40	6.77	6.03	3.71	16.39	Jun 15	98.23	10.00	1.60	1989
1990	2.76	2.52	2.44	10.80	28.20	57.20	58.40	39.00	19.20	7.58	5.85	3.53	19.89	Jun 25	97.22	16.30	1.90	1990
1991	2.61	2.65	2.33	8.16	34.00	51.70	56.80	44.30	18.40	7.60	4.08	3.07	19.77	Jul 04	99.30	11.40	2.20	1991
1992	2.19	1.88	2.92	9.09	27.80	52.30	34.90	26.30	14.30	9.96	4.73	2.75	15.79	Jun 13	76.60	10.20	1.70	1992
1993	2.23	1.97	1.94	4.27	32.80	32.20	29.10	27.80	14.20	6.80	3.50	2.86	13.40	May 14	83.10	8.20	1.70	1993
1994	2.41	1.86	2.34	10.10	31.30	45.20	46.10	29.80	16.00	6.83	3.40	2.44	16.58	Jun 24	70.90	13.20	1.60	1994
1995	2.14	2.06	2.06	4.31	23.50	50.30	42.10	32.10	19.20	9.98	5.29	2.96	16.41	May 31	76.50	12.60	1.50	1995
1996	2.46	2.61	2.28	8.34	20.20	49.80	55.40				6.57			Jul 04	106.00			1996
1997											6.57	4.32						1997
1998	2.80	2.36	2.44							6.49	3.73	2.46						1998
1999	1.94	1.67	1.91	5.93	19.40	45.30	49.50	44.80	18.50	7.83	9.59	4.98	17.72	Jun 19	102.00	12.30	1.40	1999
2000	3.32	2.48	2.46	5.21	18.90	43.10	57.10	34.70	17.50	7.81	4.03	2.67	16.67	Jul 14	75.10	12.40	1.80	2000
2001	2.43	2.04	2.09	3.87	23.40	34.20	39.90	27.50	14.40	6.53	4.27	3.01	13.69	May 28	93.30	10.00	2.00	2001
2002	2.43	2.29	2.16	3.42	18.60	63.30	53.90	25.60	15.70	7.34	4.05	2.99	16.88	Jun 29	101.00	10.30	2.10	2002
2003	2.64	2.07	2.28	8.80	27.60	61.60	41.80	31.50	17.40	17.30	7.33	4.14	18.79	May 26	80.20	13.50	1.80	2003
2004	2.85	2.52	2.62	8.81	22.20	51.40	48.70	39.20	21.30	10.80	5.70	3.92	18.38	Jun 24	78.90	14.50	2.30	2004
2005	5.70	3.55	3.39	11.60	34.40	43.60	40.00	24.80	12.70	15.60	6.69	3.25	17.20	Jun 01	73.30	9.00	2.80	2005
2006	3.15	2.57	2.53	7.22	33.20	52.30	42.30	21.90	12.60	4.98	3.88	2.75	15.85	Jun 16	95.99	7.10	2.20	2006
2007	2.39	2.39	3.02	7.09	27.70	61.20	60.40	23.20	11.20	6.54	4.81	2.96	17.83	Jun 05	116.00	6.10	1.70	2007
2008	1.91	1.90	2.05	2.93	30.60	56.20	57.90	31.00	12.30	7.05	4.68	2.75	17.68	Jul 05	110.92	9.20	1.40	2008
2009	2.39	2.05	2.22	4.29	15.00	44.90	40.70	28.90	16.90	4.87	3.42	2.09	14.04	Jun 17	70.60	12.90	1.70	2009
2010	2.16	1.96	2.33	6.49	15.40	31.90	37.70	25.30	15.30	11.60	6.84	3.18	13.42	Jun 30	72.41	8.80	1.80	2010
2011	2.20	2.45	2.62	4.00	23.00	47.00	44.70	29.30	16.90	10.70	5.12	2.81	15.98	Jul 08	71.90	13.70	1.70	2011
2012	1.26	1.22	2.20	9.01	27.40	64.70	68.00	34.00	13.20	7.52	5.29	3.20	19.82	Jun 06	133.00	10.90	0.90	2012
2013	2.77	1.87	2.21	4.92	29.70	49.90	43.70	30.50	21.70	5.99	3.56	2.42	16.69	Jun 21	105.00	10.80	1.70	2013
2014	1.87	1.49	1.80	3.14	28.20	52.10	51.30	29.20	18.80	10.30	6.86	3.79	17.50	Jul 20	120.00	12.70	1.40	2014
2015	3.11	3.17	4.76	8.44	33.70	46.90	34.00	25.90	27.00	12.50	5.94	4.09	17.53	Sep 21	154.00	19.60	2.40	2015
2016	3.18	2.34	2.56	18.60	31.70	34.90	37.90	27.80	19.50	10.30	7.95	3.79	16.75	Jun 09	74.20	16.10	2.20	2016
2017	3.19	2.39	2.30	5.83	33.10	61.90	47.40	29.90	18.00	5.90	3.25	2.27	18.03	Jun 09	129.00	7.50	1.80	2017
Avg.	2.64	2.19	2.39	6.89	26.77	48.92	46.19	31.03	16.91	8.38	5.15	3.14	16.78	16.72		96.62	11.26	1.81	m^3/s
S. D.	0.94	0.48	0.56	3.07	6.59	9.36	8.82	5.99	3.76	2.75	1.46	0.64	1.77			22.63	3.08	0.37	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.68	2.20	2.34	6.68	26.07	48.38	46.05	31.43	16.29	8.22	5.09	3.13	16.60	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	12	9	11	29	119	213	210	143	72	37	22	14	891	mm	10-Year	125.6	7.600	1.200	m^3/s









GOLD RIVER ABOVE BACHELOR CREEK 08NB013

Station Longitude Latitude: -117.74109 51.61271

Monthly and Annual Discharge in m^3/s | Drainage Area = 140.67 km^2 | Median Elevation = 2152 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
1981	1.06	0.56	0.51	0.94	10.90	10.80	22.60	24.70	7.16	1.62	1.53	0.65	6.99	Aug 12	43.20	1.88	0.443	1981
1982	0.42	0.39	0.39	0.42	3.71	24.60	23.60	20.70	14.70	3.82	1.22	0.50	7.91	Jun 20	45.50	7.59	0.317	1982
1983	0.48	0.53	0.52	0.97	7.81	16.00	21.50	22.30	7.03	1.82	1.51	0.69	6.82	Jul 12	80.79	3.02	0.390	1983
1984	0.66	0.40	0.45	0.88	2.19	16.60	20.30	19.10	7.91	3.21	1.02	0.66	6.14	Jun 29	46.20	4.03	0.348	1984
1985	0.55	0.40	0.38	0.96	7.44	17.00	23.70	15.20	6.09	2.06	1.12	0.80	6.36	Jul 10	37.50	2.98	0.377	1985
1986	0.50	0.47	0.55	0.94	7.15	23.40	18.90	22.10	8.13	2.44	0.95	0.64	7.22	May 30	60.80	2.75	0.302	1986
1987	0.55	0.50	0.52	1.11	8.46	18.70	22.50	13.50	10.80	2.44	1.00	0.61	6.76	Jun 16	41.60	6.60	0.420	1987
1988	0.47	0.45	0.48	1.88	6.55	14.30	14.50	20.20	7.76	4.14	1.51	0.81	6.12	Aug 26	45.78	3.09	0.348	1988
1989	0.63	0.50	0.42	1.19	7.65	20.00	20.70	17.00	6.20	2.30	1.25	0.68	6.59	Jul 15	40.80	3.83	0.403	1989
1990	0.48	0.46	0.47	1.42	6.59	16.80	24.40	20.30	8.05	2.31	1.68	0.83	7.04	Aug 22	50.50	7.16	0.349	1990
1991	0.65	0.63	0.55	1.56	8.54	14.90	24.70	25.30	10.10	4.46	1.28	0.94	7.87	Aug 10	72.60	6.93	0.499	1991
1992	0.70	0.43	0.54	1.87	9.15	26.30	19.00	18.80	7.60	4.88	1.59	0.79	7.66	Jul 13	66.30	3.55	0.363	1992
1993	0.56	0.45	0.47	0.77	13.10	16.70	16.60	18.10	8.76	3.25	0.96	0.77	6.76	Aug 06	68.70	3.43	0.376	1993
1994	0.67	0.57	0.58	2.27	9.30	16.60	26.70	19.70	10.70	2.93	0.95	0.68	7.70	Jul 01	50.90	7.53	0.422	1994
1995	0.50	0.46	0.45														0.387	1995
1996																		1996
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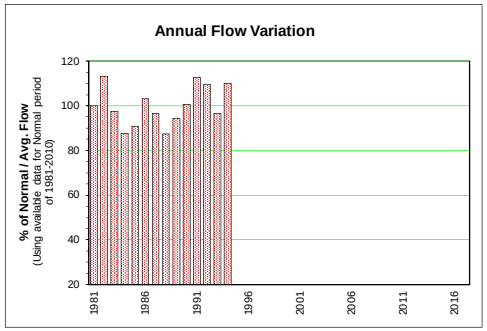
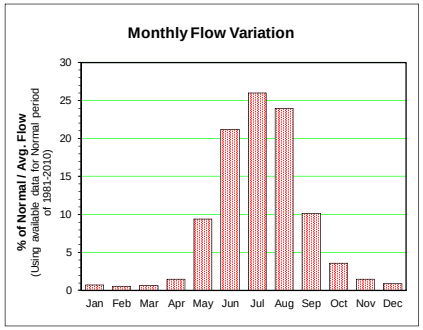
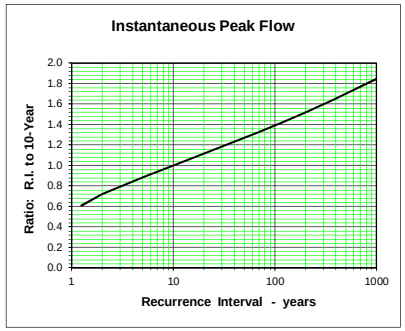
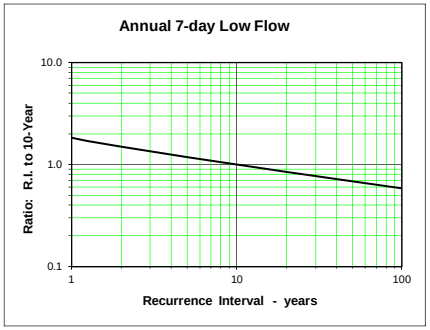
Avg.	0.59	0.48	0.49	1.23	7.75	18.05	21.41	19.79	8.64	2.98	1.25	0.72	6.99	6.88		53.65	4.597	0.383	m^3/s
S. D.	0.16	0.07	0.06	0.51	2.70	4.24	3.34	3.28	2.29	1.02	0.27	0.11	0.61			13.63	2.060	0.050	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.59	0.48	0.49	1.23	7.75	18.05	21.41	19.79	8.64	2.98	1.25	0.72	6.99	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	11	8	9	23	148	333	408	377	159	57	23	14	1569	mm	10-Year	70.0	2.597	0.259	m^3/s







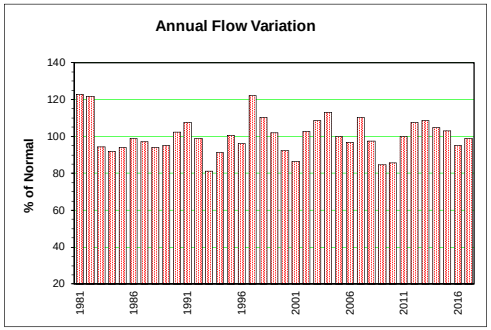


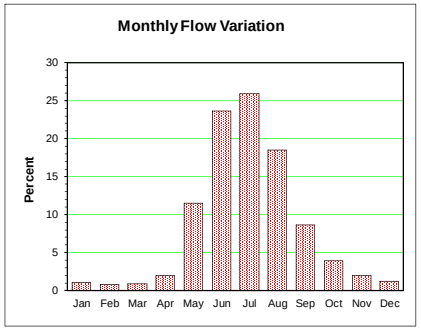
GOLD RIVER ABOVE PALMER CREEK 08NB014

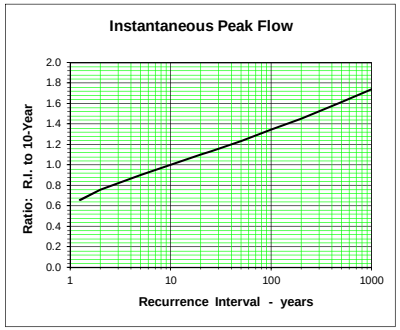
Station Longitude Latitude: -117.71818 51.67802

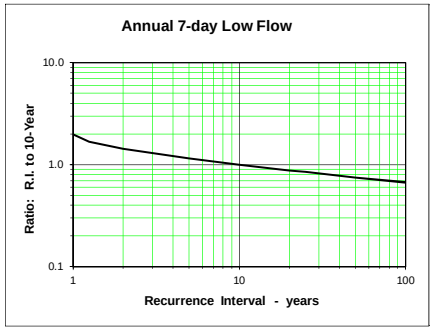
Monthly and Annual Discharge in m^3/s | Drainage Area = 429.13 km^2 | Median Elevation = 2097 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	2.92	1.63	2.15	3.85	40.10	40.80	70.90	62.90	26.50	6.67	5.08	2.67	22.38	Jul 04	117.00	10.08	1.19	1981
1982	2.14	1.86	1.62	1.96	14.70	82.90	67.20	46.80	30.40	10.00	3.95	1.72	22.19	Jun 21	144.00	16.87	1.33	1982
1983	1.62	1.67	1.61	4.15	26.00	46.30	51.60	44.10	14.80	5.60	5.18	1.81	17.16	Jul 12	217.94	8.24	1.33	1983
1984	2.02	1.77	1.73	3.34	7.84	49.10	58.10	45.30	17.90	7.42	3.22	2.15	16.72	Jun 29	134.00	9.05	1.55	1984
1985	1.74	1.47	1.34	2.93	31.80	43.90	61.20	34.30	12.30	6.45	3.39	2.67	17.10	Jul 10	105.00	7.08	1.30	1985
1986	2.15	2.00	2.08	3.34	26.70	65.60	46.60	40.00	13.80	6.87	3.26	2.35	17.99	May 30	149.00	6.16	1.58	1986
1987	1.75	1.59	1.77	4.30	31.00	58.10	49.90	29.10	21.20	6.10	3.70	2.53	17.67	Jun 16	110.00	12.82	1.36	1987
1988	1.79	1.70	1.87	5.14	17.90	43.70	44.00	51.50	20.10	9.46	4.46	2.76	17.10	Aug 26	104.44	7.39	1.07	1988
1989	2.46	1.75	1.53	3.64	20.90	58.90	52.50	38.10	13.10	6.47	4.62	2.83	17.33	Jun 14	107.00	8.73	1.40	1989
1990	1.96	1.63	1.55	5.83	21.40	50.30	60.10	43.60	20.50	6.68	5.47	2.77	18.60	Jul 11	98.50	16.26	1.13	1990
1991	2.44	2.23	1.94	4.67	25.90	44.10	63.30	53.30	19.30	9.19	3.92	3.04	19.60	Aug 10	140.00	13.19	1.90	1991
1992	2.43	1.69	2.06	6.98	28.40	63.80	43.70	32.50	17.00	10.40	4.07	2.35	17.98	Jul 13	102.00	9.37	1.39	1992
1993	2.02	1.60	1.59	3.00	34.80	38.50	32.60	34.20	16.00	6.98	2.74	1.96	14.77	Jun 01	91.30	8.03	1.34	1993
1994	1.97	1.71	1.81	6.73	27.40	42.00	55.00	32.70	17.20	6.14	2.99	2.34	16.61	Jul 01	100.00	12.66	1.26	1994
1995	1.77	1.75	1.93	2.90	22.30	57.50	53.80	38.70	22.60	8.42	4.62	2.58	18.33	Jul 03	138.00	13.96	1.41	1995
1996	2.49	1.34	1.72	4.88	16.90	49.70	64.20	36.20	15.60	8.78	4.26	3.08	17.50	Jul 04	114.00	8.93	1.11	1996
1997	2.06	1.69	1.44	2.71	28.30	63.40	63.00	45.00	25.60	21.20	7.03	3.60	22.22	Jun 18	133.00	17.93	1.31	1997
1998	2.76	2.26	2.04	4.66	44.70	48.30	52.60	45.80	25.60	5.61	3.00	2.20	20.10	May 27	94.28	12.43	1.24	1998
1999	2.16	1.86	1.76	3.59	16.50	46.50	57.30	57.10	17.60	6.46	6.55	3.88	18.57	Jul 14	106.00	11.22	1.69	1999
2000	3.04	2.48	2.11	3.92	19.00	45.20	63.20	30.40	18.00	7.41	3.85	2.54	16.83	Jul 28	94.80	11.91	1.85	2000
2001	2.11	1.69	1.75	3.27	23.80	41.70	49.20	35.20	16.80	5.60	3.96	2.64	15.71	May 28	92.40	11.70	1.56	2001
2002	2.32	1.89	1.74	2.81	20.00	67.40	66.90	30.40	16.20	7.59	3.53	2.71	18.72	Jun 27	127.00	11.10	1.60	2002
2003	2.00	1.60	2.00	6.45	22.30	60.80	54.40	40.50	18.40	17.40	6.23	3.64	19.76	Oct 23	125.00	9.01	1.43	2003
2004	2.23	1.96	1.89	7.98	22.20	51.50	55.60	46.70	33.50	14.00	5.34	3.42	20.58	Jun 23	101.00	11.74	1.59	2004
2005	4.60	2.24	2.23	7.70	30.20	50.60	52.60	32.30	15.10	10.60	5.27	3.11	18.16	Jul 06	95.00	9.72	1.94	2005
2006	2.83	1.79	1.88	5.60	31.80	55.30	51.40	30.10	18.00	5.27	3.61	2.43	17.60	Jun 15	96.20	9.38	1.60	2006
2007	2.15	2.02	2.48	4.32	22.00	65.30	77.90	30.50	16.00	7.71	5.31	3.53	20.05	Jul 24	131.00	8.58	1.62	2007
2008	2.21	2.09	1.74	2.54	28.90	48.60	58.20	37.70	13.10	8.53	5.79	2.72	17.76	Jul 04	129.00	9.41	1.58	2008
2009	2.37	2.02	1.92	2.82	14.40	46.90	48.10	35.50	20.90	4.54	2.89	1.78	15.42	Jun 16	82.60	13.89	1.37	2009
2010	1.90	1.72	2.01	6.01	19.20	46.10	41.80	31.90	18.20	10.60	4.41	2.59	15.62	Sep 28	118.77	11.81	1.57	2010
2011	2.18	1.87	2.08	2.62	19.90	57.00	51.30	37.80	22.70	11.80	4.31	3.24	18.16	Jul 08	132.00	16.13	1.53	2011
2012	0.95	1.34	1.81	5.30	22.20	61.40	69.60	40.40	14.70	7.94	5.12	3.22	19.57	Jun 24	168.00	11.33	0.78	2012
2013	2.49	1.93	2.03	3.70	28.30	56.20	58.60	42.80	27.80	6.20	3.26	2.43	19.76	Jul 02	129.00	9.85	1.80	2013
2014	2.28	1.64	1.49	2.04	26.60	53.30	62.70	33.90	24.20	12.00	5.40	2.07	19.09	Jul 20	165.29	11.69	1.39	2014
2015	1.77	2.54	3.11	6.11	35.50	60.10	41.20	31.30	23.60	12.00	4.87	2.24	18.77	Sep 20	132.24	16.83	1.62	2015
2016	2.30	1.94	2.02	13.60	32.40	41.60	44.00	34.10	16.40	7.78	7.19	3.26	17.27	Jun 09	100.00	10.80	1.65	2016
2017	2.52	1.67	1.91	3.47	29.10	60.90	53.60	29.50	19.40	5.99	4.26	2.67	18.00	Jun 09	129.00	6.95	1.55	2017
Avg.	2.24	1.83	1.88	4.56	25.2	53.1	55.35	38.98	19.46	8.59	4.49	2.69	18.29	18.23		120.37	11.14	1.46	m^3/s
S. D.	0.56	0.27	0.32	2.20	7.46	9.57	9.42	8.21	4.99	3.44	1.15	0.54	1.81			26.66	2.99	0.24	m^3/s
Normal	2.28	1.82	1.84	4.40	24.58	52.43	55.56	39.75	19.04	8.47	4.39	2.68	18.20	m^3/s					
Normal	14	10	12	27	153	317	347	248	115	53	27	17	1339	mm	10-Year	151.53	7.77	0.99	m^3/s









BLAEBERRY RIVER BELOW ENSIGN CREEK 08NB015

Station Longitude Latitude: -116.74256 51.65447

Monthly and Annual Discharge in m^3/s | Drainage Area = 233.48 km^2 | Median Elevation = 2169 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
1981	2.53	1.23	0.94	2.03	16.70	13.00	25.60	24.50	9.87	3.35	2.38	1.72	8.73	May 26	44.70	4.95	0.85	1981
1982	1.23	1.15	1.02	1.08	7.67	27.20	22.20	16.30	12.90	3.51	2.33	1.52	8.20	Jun 27	42.60	7.14	0.75	1982
1983	1.16	0.83	1.08	2.28	9.72	19.60	19.60	17.60	5.98	2.95	2.31	1.17	7.07	Jul 12	47.70	3.34	0.76	1983
1984	0.99	0.88	0.87	2.41	5.18	20.30	19.60	17.60	8.22	3.56	1.91	1.22	6.91	Jun 29	54.60	5.30	0.76	1984
1985	1.02	0.85	0.90	1.89	15.30	17.40	23.10	13.10	6.44	3.14	2.08	1.71	7.30	May 24	39.30	3.93	0.77	1985
1986	1.16	0.85	1.04	2.19	11.50	27.80	19.00	17.10	7.81	3.09	1.72	1.23	7.91	Jun 01	56.10	3.82	0.77	1986
1987	1.08	0.89	0.87	2.05	13.30	19.60	17.60	10.40	8.10	2.53	1.49	1.02	6.61	Jun 14	36.10	5.60	0.80	1987
1988	0.94	0.76	0.75	3.27	10.50	18.70	14.50	13.70	7.27	4.02	2.64	1.72	6.58	Jun 07	46.80	3.00	0.70	1988
1989	1.29	1.07	0.77	1.26	8.33	23.80	19.70	15.70	5.48	3.93	3.09	1.66	7.21	Jun 14	44.80	3.58	0.66	1989
1990	1.19	0.99	0.95	4.06	11.60	23.40	26.80	19.40	7.28	3.78	3.70	2.51	8.86	Jul 12	51.70	5.54	0.75	1990
1991	1.17	1.15	1.00	2.24	13.80	24.50	29.40	22.00	9.10	3.72	1.91	1.47	9.35	Jul 14	54.60	5.97	0.94	1991
1992	1.06	0.78	1.08	2.88	13.50	26.00	17.20	14.20	6.63	4.51	2.18	1.18	7.62	Jun 23	42.10	4.88	0.66	1992
1993	0.89	0.84	0.81	1.65	14.80	14.10	14.10	14.00	6.69	3.06	1.54	1.35	6.20	May 13	38.30	3.96	0.68	1993
1994	1.23	0.91	1.01	3.39	13.20	20.40	22.50	14.30	6.77	3.01	1.49	1.10	7.49	Jun 23	33.80	5.78	0.83	1994
1995	0.90	0.76	0.80	1.39	9.46	22.50	20.70	14.20	8.15	4.16	2.24	1.21	7.24	Jun 01	36.30	5.13	0.58	1995
1996	1.30	1.14	0.98														0.85	1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
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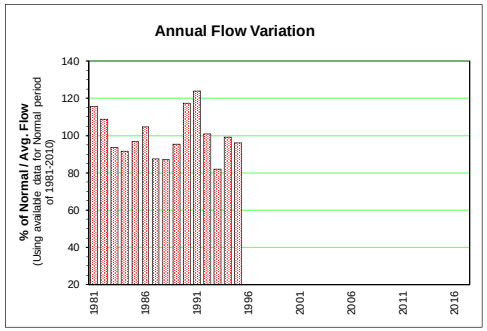
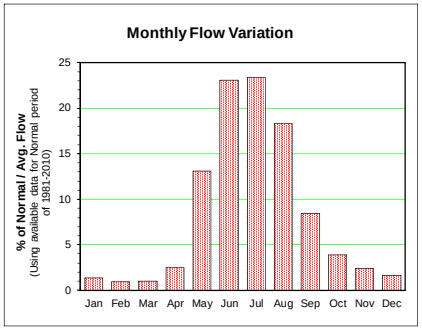
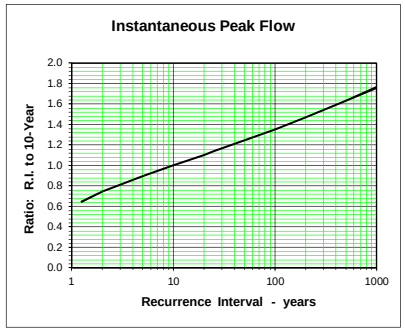
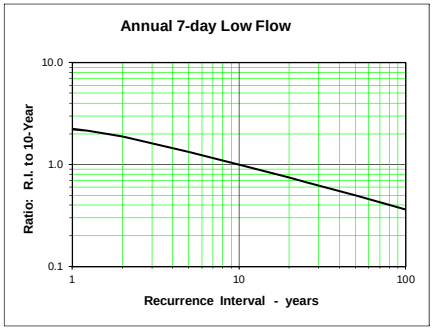
Avg.	1.20	0.94	0.93	2.27	11.64	21.22	20.77	16.27	7.78	3.49	2.20	1.45	7.55	7.52		44.63	4.79	0.76	m^3/s
S. D.	0.38	0.16	0.11	0.83	3.17	4.41	4.29	3.62	1.83	0.54	0.61	0.38	0.91			7.24	1.15	0.09	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.20	0.94	0.93	2.27	11.64	21.22	20.77	16.27	7.78	3.49	2.20	1.45	7.55	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	14	10	11	25	134	236	238	187	86	40	24	17	1021	mm	10-Year	58.0	3.525	0.399	m^3/s







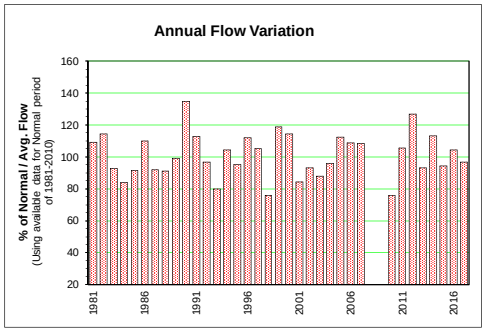


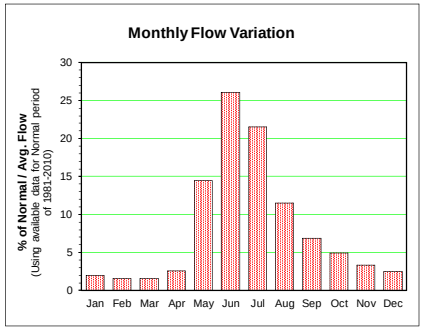
SPLIT CREEK AT THE MOUTH 08NB016

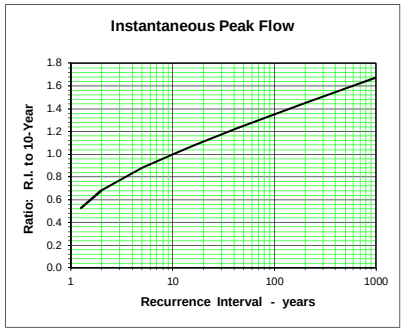
Station Longitude Latitude: -116.89876 51.52653

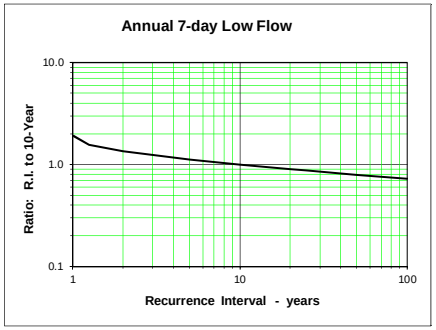
Monthly and Annual Discharge in m^3/s | Drainage Area = 79.45 km^2 | Median Elevation = 1996 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.33	0.39	0.30	0.43	2.74	3.20	6.41	3.27	1.63	1.15	0.94	0.60	1.80	Jul 06	9.15	1.37	0.263	1981
1982	0.36	0.27	0.26	0.26	2.07	6.51	5.11	3.14	2.16	0.97	0.81	0.54	1.88	Jul 22	13.20	1.32	0.206	1982
1983	0.35	0.30	0.24	0.42	2.55	4.38	4.36	2.55	1.21	0.71	0.69	0.43	1.52	Jul 12	9.13	0.91	0.229	1983
1984	0.33	0.27	0.25	0.35	0.95	5.04	3.52	2.04	1.86	0.98	0.54	0.41	1.38	Jun 29	10.00	1.31	0.246	1984
1985	0.40	0.33	0.24	0.38	4.10	4.22	3.22	1.54	1.34	1.19	0.59	0.45	1.51	May 25	11.10	1.21	0.229	1985
1986	0.35	0.29	0.27	0.36	3.07	6.78	4.56	2.55	1.34	0.99	0.63	0.45	1.81	May 28	18.27	1.00	0.246	1986
1987	0.39	0.36	0.33	0.81	3.72	4.63	3.19	1.88	1.10	0.63	0.55	0.48	1.51	May 12	7.51	0.81	0.316	1987
1988	0.38	0.29	0.26	1.01	2.86	5.11	3.24	1.84	1.09	0.81	0.60	0.50	1.50	Jun 08	13.88	0.86	0.243	1988
1989	0.37	0.36	0.23	0.38	2.57	5.55	3.82	2.65	1.70	0.86	0.64	0.39	1.63	Jun 14	8.73	1.06	0.223	1989
1990	0.33	0.30	0.29	0.76	3.03	7.25	6.95	4.21	1.30	0.86	0.66	0.55	2.22	Jun 24	12.34	1.06	0.227	1990
1991	0.33	0.33	0.29	0.50	3.28	5.40	5.66	3.01	1.45	0.79	0.63	0.49	1.86	Jul 03	9.65	1.14	0.282	1991
1992	0.37	0.30	0.34	0.65	3.22	5.89	3.05	1.52	1.40	1.13	0.72	0.49	1.59	Jun 13	8.90	1.12	0.217	1992
1993	0.40	0.34	0.30	0.32	3.84	3.37	2.39	1.95	1.19	0.70	0.48	0.40	1.31	Jun 01	9.56	0.88	0.278	1993
1994	0.38	0.31	0.29	0.75	4.03	5.74	4.27	1.96	1.27	0.72	0.47	0.34	1.72	May 27	8.43	0.91	0.266	1994
1995	0.26	0.25	0.22	0.28	2.50	5.28	3.35	2.87	1.52	1.08	0.69	0.40	1.56	Jun 05	9.01	1.32	0.203	1995
1996	0.45	0.37	0.33	0.54	2.32	5.85	5.76	2.63	1.45	1.03	0.71	0.57	1.84	Jun 08	10.90	1.16	0.321	1996
1997	0.35	0.32	0.31	0.33	2.87	5.73	3.78	1.87	1.74	1.72	0.90	0.72	1.73	Jun 05	12.20	1.45	0.287	1997
1998	0.47	0.47	0.35	0.49	3.60	3.01	2.70	1.48	0.84	0.62	0.48	0.35	1.25	May 26	5.59	0.67	0.242	1998
1999	0.32	0.32	0.29	0.39	1.94	5.44	5.72	3.98	1.77	0.91	1.55	0.74	1.96	Jun 17	19.30	1.34	0.259	1999
2000	0.67	0.51	0.42	0.50	1.90	5.16	6.79	2.90	1.70	0.90	0.56	0.45	1.88	Jun 30	10.10	1.25	0.378	2000
2001	0.37	0.31	0.30	0.35	2.73	4.37	3.74	2.03	0.96	0.60	0.46	0.38	1.39	May 29	12.50	0.76	0.283	2001
2002	0.34	0.33	0.32	0.33	1.85	6.83	3.64	1.71	1.23	0.75	0.57	0.42	1.53	Jun 28	14.00	0.92	0.308	2002
2003	0.38	0.34	0.33	0.59	2.19	5.31	3.45	1.39	0.83	1.30	0.65	0.52	1.45	May 26	10.60	0.79	0.320	2003
2004	0.45	0.36	0.31	0.86	2.67	4.69	3.14	1.76	1.89	1.33	0.86	0.63	1.58	Jun 05	7.92	1.56	0.296	2004
2005	0.75	0.40	0.31	0.78	3.05	6.10	4.43	1.86	1.41	1.61	0.92	0.46	1.85	Jun 01	8.73	1.17	0.280	2005
2006	0.43	0.41	0.39	0.64	4.75	7.40	3.47	1.29	1.00	0.68	0.48	0.43	1.79	May 18	15.50	0.90	0.354	2006
2007	0.41	0.33	0.33	0.46	2.16	7.12	5.15	2.12	1.21	0.97	0.61	0.43	1.78	Jun 06	18.40	0.94	0.319	2007
2008	0.32	0.34				3.80								Jun 22	9.33			2008
2009						3.80	2.79	1.36	0.88	0.62	0.47	0.32		Jun 05	5.07	0.79		2009
2010	0.28	0.26	0.25	0.50	1.69	3.75	3.15	1.48	1.35	1.10	0.67	0.45	1.25	Jun 29	6.27	0.92	0.236	2010
2011	0.35	0.32	0.26	0.26	2.43	5.96	5.21	2.73	1.23	1.02	0.61	0.39	1.74	Jul 08	9.36	1.12	0.221	2011
2012	0.22	0.19	0.29	0.60	2.78	7.36	7.17	3.15	1.36	0.83	0.62	0.41	2.09	Jun 24	16.73	1.11	0.162	2012
2013	0.28	0.21	0.28	0.41	3.43	5.72	3.30	1.64	1.38	0.78	0.52	0.36	1.53	Jun 21	9.85	1.16	0.190	2013
2014	0.30	0.26	0.28	0.33	3.13	6.50	5.50	1.94	1.45	1.07	0.94	0.54	1.86	Jul 20	17.00	1.28	0.251	2014
2015	0.43	0.36	0.41	0.61	3.37	4.75	2.39	1.37	2.42	1.30	0.66	0.48	1.55	May 31	10.45	1.19	0.317	2015
2016	0.38	0.33	0.32	3.19	3.57	4.04	2.97	1.64	1.62	1.16	0.82	0.57	1.72	Apr 23	11.49	1.30	0.304	2016
2017	0.47	0.35	0.31	0.45	3.22	6.80	3.49	1.44	0.92	0.58	0.52	0.50	1.59	Jun 09	12.22	0.72	0.300	2017
Avg.	0.38	0.33	0.30	0.58	2.86	5.35	4.19	2.19	1.39	0.96	0.67	0.47	1.66	1.66		11.15	1.08	0.266	m^3/s
S. D.	0.10	0.06	0.05	0.49	0.78	1.22	1.34	0.75	0.36	0.27	0.20	0.10	0.23			3.53	0.22	0.048	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.39	0.34	0.30	0.52	2.79	5.22	4.17	2.24	1.37	0.96	0.67	0.47	1.64	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	13	10	10	17	94	170	140	75	45	32	22	16	653	mm	10-Year	15.7	0.782	0.192	m^3/s







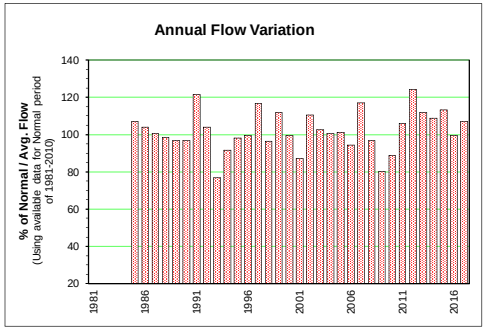


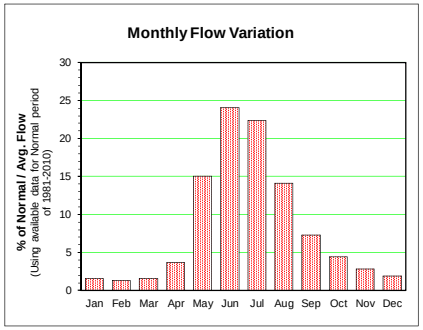
BEAVER RIVER NEAR THE MOUTH 08NB019

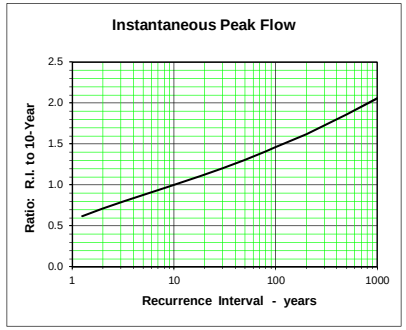
Station Longitude Latitude: -117.46504 51.50886

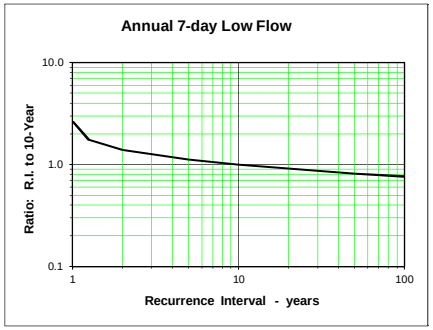
Monthly and Annual Discharge in m^3/s | Drainage Area = 1156.47 km^2 | Median Elevation = 1904 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981																		1981
1982																		1982
1983																		1983
1984																		1984
1985	7.22	5.91	5.54	22.40	126.00	111.00	122.00	63.40	29.50	14.50	10.20	8.70	44.18	May 19	503.00	17.87	5.10	1985
1986	8.09	6.01	10.40	19.10	76.50	155.00	95.20	77.00	29.50	17.50	10.70	7.28	42.87	May 31	291.00	16.89	5.09	1986
1987	5.02	5.65	7.89	18.00	101.00	130.00	95.00	56.40	41.50	18.00	10.40	7.43	41.56	May 12	268.00	29.97	4.14	1987
1988	5.62	4.97	5.81	25.00	71.60	128.00	88.10	69.20	36.80	24.60	17.10	10.40	40.67	Jun 08	210.00	19.24	4.08	1988
1989	8.02	6.67	6.22	15.00	58.80	132.00	99.30	71.10	31.40	19.80	18.40	10.20	39.91	Jun 15	249.00	23.17	4.84	1989
1990	8.13	6.67	7.27	25.70	63.20	120.00	112.00	43.40	37.60	19.30	21.50	11.90	39.87	Jun 25	202.00	22.26	4.92	1990
1991	9.08	10.20	7.57	18.90	85.20	123.00	147.00	108.00	44.60	22.00	13.00	10.00	50.21	Jul 04	255.00	29.33	7.32	1991
1992	7.14	7.14	9.84	31.10	82.10	147.00	88.70	63.40	33.00	25.50	12.50	7.52	42.97	Jun 23	213.00	21.61	6.77	1992
1993	6.50	5.68	5.73	11.50	81.30	76.60	63.00	62.70	32.70	17.20	9.13	6.81	31.77	Jun 01	174.00	19.26	5.00	1993
1994	6.54	5.46	7.75	26.10	77.70	96.70	103.00	60.90	34.60	15.30	9.66	7.65	37.83	Jul 02	201.00	27.94	4.06	1994
1995	6.15	6.07	6.68	11.70	66.80	137.00	104.00	58.20	40.50	22.10	15.30	9.67	40.51	Jul 03	223.00	26.96	4.87	1995
1996	7.06	3.96	4.86	22.40	54.60	129.00	139.00	62.60	26.80	21.30	12.00	8.49	41.14	Jul 04	232.00	21.67	3.32	1996
1997	6.38	6.06	7.80	12.60	72.10	150.00	134.00	74.30	44.30	41.50	16.60	9.75	48.21	Jun 18	289.00	37.07	5.57	1997
1998	8.27	6.89	8.07	20.20	104.00	87.90	91.70	71.70	44.70	15.80	9.56	6.45	39.86	May 27	158.00	26.36	2.91	1998
1999	5.60	5.77	6.25	15.60	52.30	122.00	129.00	112.00	38.10	19.80	28.30	15.50	46.12	Jun 19	271.00	28.36	4.34	1999
2000	10.60	8.80	8.08	16.40	59.10	104.00	134.00	71.60	40.80	19.30	10.50	7.38	41.03	Jun 30	179.00	25.00	4.89	2000
2001	7.57	6.29	7.17	12.10	66.60	88.70	100.00	73.50	35.60	12.40	12.00	8.59	36.02	May 28	219.00	24.71	5.79	2001
2002	8.02	7.69	6.78	11.30	61.50	166.00	143.00	66.60	40.60	15.60	10.30	8.13	45.64	Jun 28	257.00	25.20	6.01	2002
2003	5.85	3.95	6.79	21.20	60.60	127.00	96.60	68.80	34.70	46.20	21.20	13.40	42.41	Oct 21	218.00	21.80	3.47	2003
2004	8.22	6.60	6.78	26.60	66.90	109.00	100.00	77.80	40.30	26.60	14.90	12.30	41.45	Jun 24	184.00	29.80	6.30	2004
2005	12.80	15.20	12.10	24.70	79.30	112.00	98.00	60.40	33.60	28.60	15.00	8.39	41.84	Jun 06	190.00	23.63	4.15	2005
2006	10.10	7.81	7.36	15.20	86.90	120.00	97.30	52.50	34.20	12.80	12.60	9.08	39.00	May 19	207.00	21.51	6.23	2006
2007	9.25	9.59	11.00	17.90	79.30	155.00	155.00	59.30	33.80	20.70	14.90	11.10	48.31	Jun 05	261.00	20.17	6.87	2007
2008	7.09	5.73	5.59	9.21	78.90	112.00	108.00	76.40	30.50	21.60	15.20	7.43	39.97	Jul 01	212.00	22.34	4.19	2008
2009	8.75	6.58	6.13	11.50	41.40	97.60	89.30	64.30	40.60	13.80	11.10	5.18	33.16	Jul 28	161.00	30.51	3.46	2009
2010	6.53	5.56	7.16	20.80	53.20	103.00	92.20	60.40	40.10	26.40	13.70	9.60	36.72	Sep 28	223.00	26.16	4.83	2010
2011	6.63	5.17	6.19	10.80	62.20	141.00	120.00	74.10	47.00	28.70	14.50	6.93	43.81	Jul 08	225.00	35.83	4.78	2011
2012	4.28	5.03	6.15	18.50	72.00	160.00	162.00	89.30	37.80	27.30	19.00	11.40	51.23	Jun 24	289.76	33.97	3.53	2012
2013	9.14	8.76	8.95	19.80	90.00	133.00	117.00	78.50	56.00	14.90	8.15	7.16	46.16	Jul 03	250.00	27.79	5.79	2013
2014	5.39	4.46	6.32	9.50	76.20	125.00	124.00	72.10	49.10	30.80	22.10	11.10	44.93	Jul 20	287.00	27.51	3.65	2014
2015	10.40	11.20	16.10	25.00	87.80	135.00	90.60	63.70	60.50	32.10	16.10	11.00	46.78	Jun 09	261.57	38.74	7.90	2015
2016	9.38	8.62	9.14	48.90	92.50	89.60	78.60	63.70	36.50	22.30	22.10	10.30	41.06	Jun 09	233.39	25.41	8.18	2016
2017	8.28	7.43	9.08	16.10	90.10	139.00	111.00	67.20	41.20	16.20	14.10	8.44	44.22	Jun 09	263.00	15.37	6.93	2017
Avg.	7.67	6.90	7.71	19.12	75.08	123.09	109.93	69.53	38.74	22.14	14.60	9.23	42.16		238.17	25.56	5.13	m^3/s
S. D.	1.82	2.27	2.24	7.82	17.15	22.48	23.02	13.58	7.31	7.74	4.63	2.20	4.41		60.62	5.66	1.37	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.68	6.80	7.41	18.55	73.34	120.75	108.63	68.69	36.55	21.47	14.07	9.17	41.28	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	18	14	17	42	170	271	252	159	82	50	32	21	1126	mm	10-Year	311.3	18.783	3.535	m^3/s







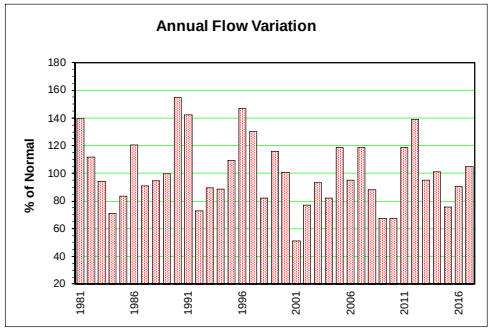


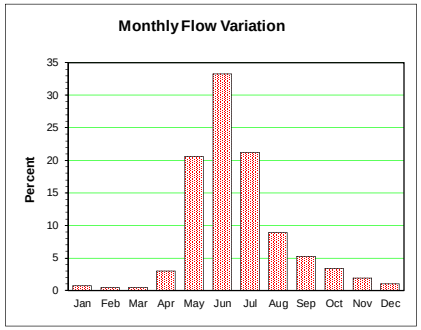
KOOTENAY RIVER AT KOOTENAY CROSSING 08NF001

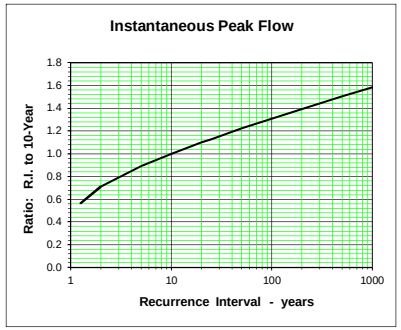
Station Longitude Latitude: -116.04611 50.88696

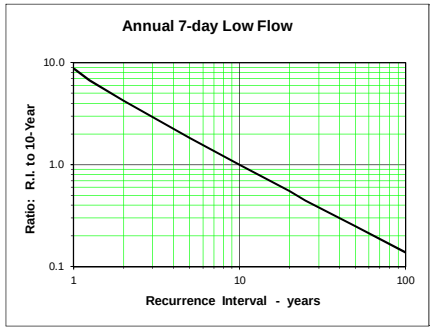
Monthly and Annual Discharge in m^3/s | Drainage Area = 420.92 km^2 | Median Elevation = 1641 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.63	0.62	0.40	1.92	17.90	14.60	23.00	9.59	4.16	2.92	1.58	0.83	6.57	May 26	42.50	3.35	0.366	1981
1982	0.54	0.35	0.29	0.41	8.94	23.30	13.10	6.02	4.94	2.83	1.46	0.83	5.27	Jun 17	33.80	3.66	0.238	1982
1983	0.53	0.38	0.35	2.23	10.90	15.70	13.30	4.84	2.46	1.09	0.81	0.33	4.43	May 30	32.00	1.70	0.291	1983
1984	0.28	0.20	0.22	0.95	2.90	15.80	9.55	3.93	3.65	1.65	0.72	0.40	3.35	Jun 15	26.44	2.69	0.165	1984
1985	0.25	0.10	0.08	0.62	13.40	16.00	7.08	3.73	3.05	1.53	0.85	0.34	3.94	May 26	30.80	2.21	0.057	1985
1986	0.29	0.21	0.18	1.23	12.90	24.00	14.90	6.07	2.77	3.03	1.50	0.70	5.67	May 29	51.94	1.94	0.168	1986
1987	0.43	0.31	0.26	2.90	17.30	13.10	8.46	4.36	2.16	0.98	0.54	0.31	4.29	May 09	30.00	1.60	0.195	1987
1988	0.07	0.05	0.04	2.09	9.98	17.60	13.10	4.77	2.19	2.07	0.93	0.46	4.45	Jun 08	37.70	1.92	0.011	1988
1989	0.35	0.19	0.11	1.12	9.47	19.20	9.08	7.29	4.73	1.91	1.51	1.08	4.69	Jun 15	31.80	2.75	0.089	1989
1990	0.82	0.41	0.35	4.75	15.00	34.80	19.00	5.96	2.58	1.53	1.30	0.76	7.29	May 30	47.66	1.93	0.290	1990
1991	0.38	0.33	0.24	2.65	19.10	25.00	20.40	7.00	2.60	1.16	0.65	0.43	6.70	Jul 04	37.40	1.89	0.210	1991
1992	0.34	0.22	0.25	1.83	10.40	12.30	7.59	3.48	1.94	1.59	0.80	0.20	3.42	Jun 13	22.20	1.56	0.110	1992
1993	0.07	0.07	0.09	0.13	12.00	13.10	11.40	5.47	3.31	2.47	1.39	0.80	4.22	May 14	27.60	2.68	0.029	1993
1994	0.51	0.28	0.25	3.98	12.20	16.00	9.89	3.44	1.63	0.88	0.48	0.26	4.17	Jun 24	22.50	1.15	0.225	1994
1995	0.16	0.11	0.09	0.21	9.78	20.90	9.10	10.50	4.68	2.86	1.75	1.51	5.16	Jun 06	31.00	2.73	0.045	1995
1996	0.89	0.66	0.49	3.65	12.70	28.70	21.60	7.36	3.29	2.03	0.97	0.56	6.92	Jun 10	42.70	2.59	0.439	1996
1997	0.32	0.23	0.20	0.83	16.50	25.80	13.50	5.26	5.14	3.25	1.48	0.73	6.13	Jun 06	44.70	3.48	0.186	1997
1998	0.39	0.32	0.18	1.41	15.90	13.30	7.74	3.03	1.35	1.40	0.74	0.31	3.86	May 27	22.10	1.18	0.153	1998
1999	0.22	0.19	0.15	1.82	10.30	18.50	15.60	8.04	3.40	1.73	3.33	1.72	5.44	Jun 18	36.60	2.29	0.134	1999
2000	0.99	0.64	0.45	1.78	8.24	17.10	15.30	5.54	3.70	1.84	0.83	0.35	4.74	Jun 10	25.10	2.59	0.247	2000
2001	0.19	0.10	0.10	0.18	6.51	10.70	6.25	2.22	1.16	0.66	0.49	0.23	2.40	May 28	28.80	0.95	0.084	2001
2002	0.11	0.07	0.05	0.11	4.79	22.10	9.98	2.64	1.91	1.07	0.42	0.27	3.63	Jun 17	33.00	1.16	0.039	2002
2003	0.13	0.08	0.07	1.45	10.40	22.30	9.27	2.62	1.80	2.81	1.11	0.53	4.39	May 26	35.90	1.50	0.058	2003
2004	0.28	0.24	0.14	1.80	6.78	14.10	6.56	4.76	6.12	3.26	1.61	0.87	3.87	Jun 06	24.90	2.41	0.115	2004
2005	0.60	0.68	0.60	4.16	14.40	23.00	11.30	3.69	3.04	3.11	1.74	0.66	5.60	Jun 20	34.20	2.27	0.467	2005
2006	0.56	0.37	0.25	2.04	17.30	18.90	6.96	2.67	2.27	1.10	0.74	0.41	4.48	May 21	38.10	1.78	0.236	2006
2007	0.29	0.25	0.36	2.69	15.20	28.80	12.50	2.92	1.71	1.23	0.65	0.34	5.59	Jun 06	46.60	1.38	0.170	2007
2008	0.16	0.07	0.06	0.09	9.79	18.30	10.50	4.34	3.00	1.95	1.02	0.43	4.15	Jun 03	28.20	2.46	0.053	2008
2009	0.38	0.17	0.15	0.52	6.47	15.40	7.81	3.46	1.62	0.98	0.75	0.32	3.18	May 31	23.60	1.16	0.123	2009
2010	0.24	0.14	0.11	1.51	5.45	13.20	8.18	3.07	3.12	1.68	0.78	0.40	3.17	May 20	23.20	1.50	0.088	2010
2011	0.30	0.21	0.24	0.27	12.30	26.50	15.80	5.75	2.46	1.67	0.70	0.43	5.57	Jun 24	34.20	2.05	0.132	2011
2012	0.29	0.21	0.16	2.51	12.00	28.90	21.60	6.45	2.69	1.57	1.34	0.70	6.54	Jun 24	54.60	2.05	0.149	2012
2013	0.38	0.31	0.28	1.27	12.60	20.60	9.61	3.47	2.62	1.46	0.67	0.34	4.48	Jun 22	42.95	2.26	0.276	2013
2014	0.29	0.23	0.14	0.27	12.90	21.70	11.70	3.55	2.58	1.49	1.35	0.71	4.76	Jun 26	29.80	2.24	0.109	2014
2015	0.51	0.46	0.75	2.48	10.60	13.70	4.51	2.44	3.52	1.95	1.01	0.60	3.55	Jun 09	26.60	1.86	0.359	2015
2016	0.36	0.29	0.26	6.78	12.40	11.80	6.72	2.78	2.78	2.98	2.81	1.12	4.26	Jun 07	18.80	2.17	0.252	2016
2017	0.70	0.52	0.48	2.49	15.70	23.20	9.20	2.99	1.50	1.09	0.70	0.48	4.93	Jun 02	38.80	1.23	0.355	2017
Avg.	0.38	0.28	0.24	1.81	11.7	19.4	11.65	4.74	2.91	1.86	1.12	0.59	4.74	4.85		33.48	2.06	0.181	m^3/s
S. D.	0.22	0.17	0.16	1.47	3.86	5.80	4.74	2.03	1.15	0.76	0.61	0.34	1.16			8.83	0.667	0.116	m^3/s
Normal	0.38	0.27	0.22	1.70	11.43	19.05	11.73	4.94	2.98	1.89	1.10	0.58	4.71	m^3/s					
Normal	2	2	1	10	73	117	75	31	18	12	7	4	353	mm	10-Year	45.84	1.38	0.04	m^3/s









ZONE 19 - UPPER KOOTENAY BASIN

COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS 08NA045

Station Longitude Latitude: -115.863402 50.323112

Monthly and Annual Discharge in m^3/s | Drainage Area = 888.15 km^2 | Median Elevation = 1846 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
1981	4.33	3.97	3.75	3.38	15.60	30.60	30.40	19.70	8.27	6.10	4.61	3.60	11.25	Jun 02	40.50	6.84	2.78	1981
1982	3.14	3.85	3.65	2.91	7.68	37.70	35.30	15.00	8.92	7.84	4.91	4.09	11.28	Jun 29	57.20	7.99	2.38	1982
1983	3.85	3.70	3.45	3.35	9.43	30.50	23.20	11.10	6.19	4.57	4.25	2.54	8.86	Jun 10	39.50	5.12	1.98	1983
1984	3.54	3.32	3.19	3.28	4.51	22.90	26.30	11.00	5.98	4.40	3.64	2.81	7.92	Jun 29	43.20	5.20	2.40	1984
1985	3.00	2.93	2.88	3.39	11.90	26.60	15.10	7.35	6.36	5.26	3.31	3.03	7.61	May 30	30.70	5.55	2.39	1985
1986	3.18	3.05	3.48	3.66	11.00	46.90	23.70	12.00	7.20	5.62	4.81	3.49	10.68	Jun 05	61.60	6.08	2.84	1986
1987	3.34	3.39	3.36	3.51	23.30	25.30	14.20	8.10	5.36	3.79	3.21	2.45	8.30	May 18	34.40	4.51	2.01	1987
1988	2.65	2.95	2.93	3.42	11.60	27.80	16.70	8.69	5.54	5.56	4.49	3.42	7.98	Jun 19	33.00	5.12	2.01	1988
1989	3.44	2.90	3.28	3.62	11.90	28.50	19.50	9.75	7.93	5.02	4.31	3.90	8.69	Jun 16	38.60	6.47	2.74	1989
1990	3.46	3.30	3.30	4.83	11.10	37.80	39.60	15.30	6.65	5.58	5.10	4.33	11.74	Jun 28	57.60	5.44	3.15	1990
1991	3.58	4.09	3.60	4.23	17.20	43.60	51.10	20.70	8.90	5.65	4.90	3.92	14.36	Jul 05	72.50	7.24	3.36	1991
1992	3.66	3.74	3.79	4.39	13.30	28.40	18.80	9.15	5.91	5.68	4.25	3.49	8.72	Jun 16	32.50	5.37	2.83	1992
1993	3.54	3.21	3.33	3.04	14.00	21.90	19.90	13.10	8.14	5.89	4.02	3.97	8.71	Jun 03	30.40	7.01	2.65	1993
1994	3.75	3.23	3.41	5.71	17.40	26.30	20.50	8.22	5.10	3.81	3.15	2.93	8.65	Jun 26	30.70	4.40	2.38	1994
1995	2.86	2.95	3.03	3.06	8.93	34.10	22.30	11.90	7.63	6.06	4.93	3.92	9.32	Jun 07	41.40	5.98	2.50	1995
1996	4.41	4.33	4.20	6.41	10.80	43.00	42.10							Jul 04	58.50			1996
1997																		1997
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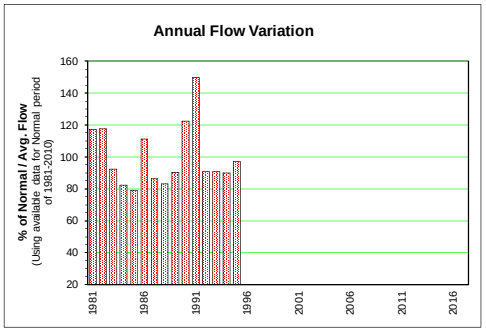
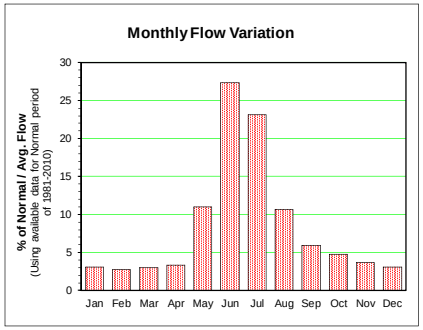
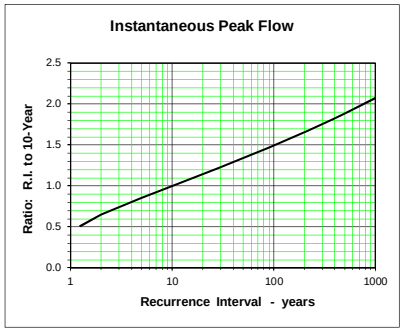
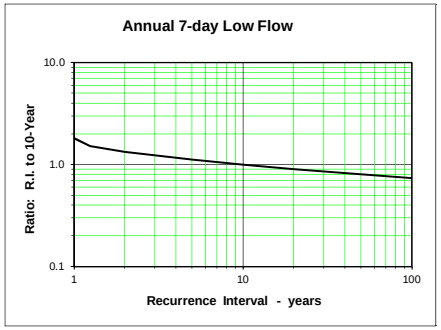
Avg.	3.48	3.43	3.41	3.89	12.48	31.99	26.17	12.07	6.94	5.39	4.26	3.46	9.61	10.48		43.89	5.89	2.56	m^3/s
S. D.	0.47	0.46	0.34	1.00	4.42	7.69	10.69	4.08	1.29	1.01	0.66	0.59	1.87			13.28	1.04	0.41	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	3.48	3.43	3.41	3.89	12.48	31.99	26.17	12.07	6.94	5.39	4.26	3.46	9.61	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	11	9	10	11	38	93	79	36	20	16	12	10	341	mm	10-Year	68.5	5.084	2.177	m^3/s









KOOTENAY RIVER AT CANAL FLATS 08NF002

Station Longitude Latitude: -115.799804 50.148297

Monthly and Annual Discharge in m^3/s | Drainage Area = 5425.73 km^2 | Median Elevation = 1863 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
1981	32.20	20.00	20.50	32.70	244.00	252.00	312.00	163.00	75.80	47.00	32.30	24.10	105.40	May 26	697.00	55.43	16.56	1981
1982	20.50	21.90	19.50	19.30	124.00	355.00	209.00	111.00	88.10	50.80	34.90	26.80	90.25	Jun 16	555.00	72.21	16.00	1982
1983	22.30	20.50	19.30	32.50	139.00	245.00	219.00	108.00	58.80	34.60	33.40	18.60	79.59	May 30	478.00	44.67	14.79	1983
1984	20.70	17.40	16.70	28.00	70.50	313.00	198.00	108.00	74.70	46.10	25.30	18.50	78.05	Jun 30	625.00	65.26	16.31	1984
1985	18.50	15.90	14.70	29.90	198.00	249.00	146.00	88.00	78.30	43.80	27.30	22.20	77.94	May 26	511.00	61.51	9.68	1985
1986	20.10	17.40	21.60	35.30	226.00	364.00	220.00	113.00	62.20	57.40	43.90	29.60	101.28	May 29	876.00	51.10	13.27	1986
1987	20.50	18.10	20.00	50.20	233.00	199.00	126.00	81.50	53.00	31.60	20.90	14.90	72.75	May 13	429.00	45.06	11.17	1987
1988	13.70	13.30	14.30	44.70	157.00	249.00	152.00	79.40	49.80	47.60	35.40	21.80	73.26	Jun 08	549.00	41.26	10.70	1988
1989	18.90	15.40	16.10	29.20	137.00	305.00	158.00	113.00	90.70	41.70	41.90	29.50	83.22	Jun 07	471.00	58.76	13.50	1989
1990	24.70	20.90	18.70	52.00	170.00	425.00	296.00	113.00	57.50	40.00	35.70	21.70	106.57	May 31	683.00	46.79	15.06	1990
1991	22.60	23.50	17.90	37.40	221.00	376.00	332.00	146.00	68.90	39.20	26.90	23.70	111.80	Jul 04	627.00	53.06	15.93	1991
1992	21.80	20.70	23.10	40.70	173.00	248.00	168.00	83.20	55.30	51.70	35.20	21.00	78.61	Jun 02	372.00	49.60	17.63	1992
1993	18.70	16.80	17.20	26.20	225.00	225.00	214.00	123.00	78.90	49.90	32.20	28.30	88.49	May 15	504.00	60.90	15.20	1993
1994	24.20	18.00	18.80	59.10	190.00	251.00	178.00	88.20	56.20	37.40	23.00	18.80	80.55	Jun 24	340.00	50.57	13.30	1994
1995	15.70	16.50	14.40															1995
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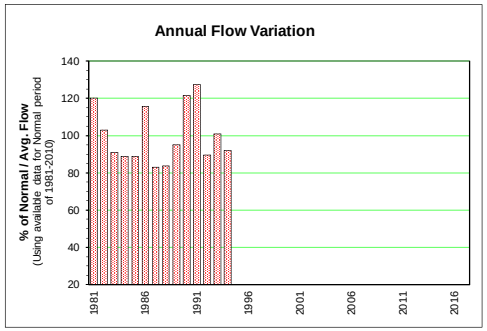
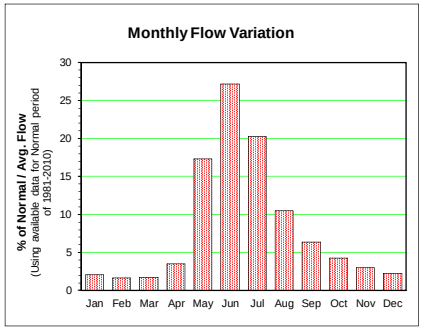
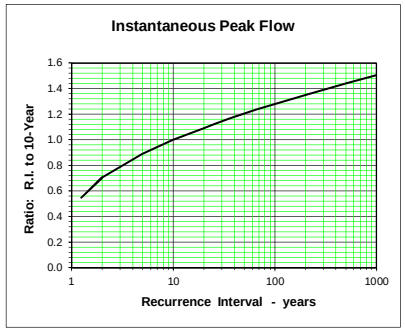
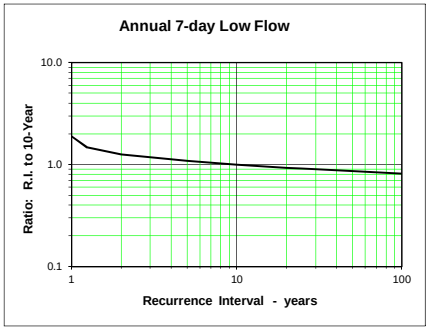
2016																		2016
2017																		2017
Avg.	21.01	18.42	18.19	36.94	179.11	289.71	209.14	108.45	67.73	44.20	32.02	22.82	87.70	87.91		551.21	54.01	14.22	m^3/s
S. D.	4.25	2.76	2.64	11.18	49.98	67.19	63.87	24.34	13.40	7.21	6.70	4.47	13.25			142.13	8.81	2.39	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	21.01	18.42	18.19	36.94	179.11	289.71	209.14	108.45	67.73	44.20	32.02	22.82	87.70	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	8	9	18	88	138	103	54	32	22	15	11	510	mm	10-Year	761.9	42.374	11.146	m^3/s









ALBERT RIVER AT 1310 M CONTOUR 08NF005

Station Longitude Latitude: -115.53048 50.65999

Monthly and Annual Discharge in m^3/s | Drainage Area = 68.43 km^2 | Median Elevation = 2082 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
1981	0.249	0.132	0.086	0.163	5.460	5.550	6.670	2.350	0.670	0.432	0.250	0.136	1.862	May 25	18.30	0.334	0.079	1981
1982	0.076	0.039	0.018	0.012	2.710	9.210	4.560	1.950	1.250	0.615	0.360	0.208	1.754	Jun 16	15.70	0.929	0.005	1982
1983	0.107	0.047	0.030	0.112	3.540	6.570	5.190	1.380	0.715	0.343	0.285	0.152	1.547	May 29	15.00	0.549	0.024	1983
1984	0.070	0.042	0.029	0.133	1.390	7.920	4.140	1.470	1.090	0.547	0.211	0.085	1.425	Jun 29	15.00	0.837	0.027	1984
1985	0.052	0.019	0.006	0.090	5.040	5.980	2.290	0.829	0.936	0.470	0.322	0.147	1.354	May 25	14.10	0.672	0.002	1985
1986	0.063	0.035	0.057	0.167	5.270	8.710	4.970	1.840	0.712	0.571	0.490	0.226	1.935	May 27	27.40	0.477	0.033	1986
1987	0.108	0.031	0.034	0.312	5.440	3.980	1.780	1.220	0.474	0.222	0.090	0.033	1.152	May 12	12.80	0.332	0.016	1987
1988	0.008	0.002	0.001	0.407	4.920	7.010	2.750	0.828	0.407	0.495	0.321	0.144	1.442	Jun 07	18.90	0.313		1988
1989	0.065	0.032	0.013	0.068	2.650	7.630	2.560	1.540	1.460	0.509	0.592	0.416	1.462	Jun 15	13.30	0.762	0.003	1989
1990	0.250	0.081	0.052	0.304	3.620	8.780	5.630	1.400	0.590	0.522	0.417	0.307	1.836	May 30	16.70	0.413	0.045	1990
1991	0.128	0.074	0.036	0.141	3.940	7.900	7.540	2.680	0.754	0.259	0.117	0.052	1.981	Jul 04	15.70	0.421	0.029	1991
1992	0.026	0.009	0.026	0.659	4.130	4.480	2.810	0.984	0.513	0.673	0.412	0.172	1.245	May 07	10.10	0.410	0.005	1992
1993	0.081	0.035	0.015	0.025	5.810	4.050	3.190	1.230	0.865	0.407	0.233	0.117	1.349	May 15	15.90	0.624	0.007	1993
1994	0.086	0.040	0.017	0.461	4.530	6.070	3.250	0.955	0.444	0.196	0.103	0.046	1.356	May 12	9.77	0.318	0.013	1994
1995	0.012	0.008	0.008	0.010	2.000	7.600	3.110	2.620	1.020	0.648	0.467	0.364	1.492	Jun 06	18.60	0.637	0.007	1995
1996	0.170	0.093	0.033	0.218	3.020	9.250	6.740	2.220	0.868	0.795	0.376	0.202	2.002	Jun 08	24.10	0.743	0.010	1996
1997	0.074	0.042	0.023	0.055	3.960	9.080	5.250	1.640	1.720	1.190	0.479	0.229	1.985	Jun 01	24.10	0.978	0.016	1997
1998	0.116	0.057	0.045	0.127	5.390	4.380	2.740	0.888	0.296	0.249	0.225	0.095	1.226	Jun 02	7.34	0.248	0.018	1998
1999	0.036	0.021	0.015														0.012	1999
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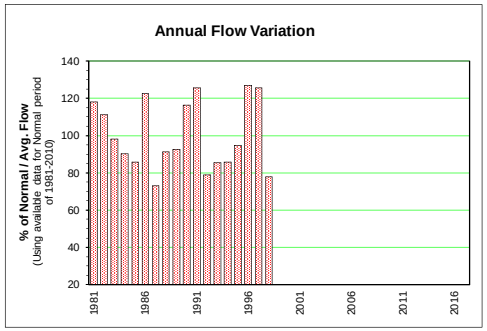
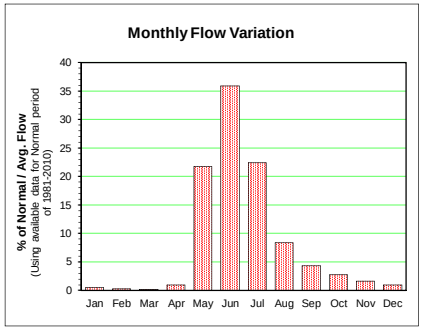
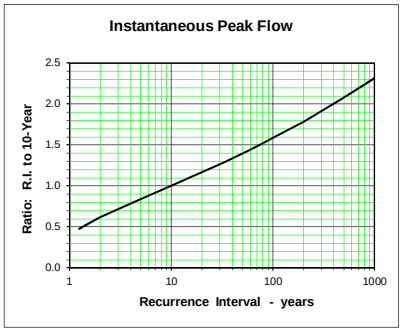
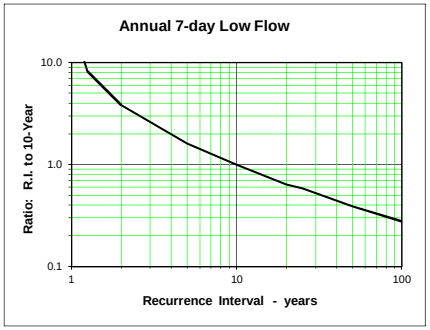
Avg.	0.094	0.044	0.029	0.192	4.046	6.897	4.176	1.557	0.821	0.508	0.319	0.174	1.578	1.59		16.27	0.56	0.020	m^3/s
S. D.	0.068	0.032	0.021	0.175	1.302	1.844	1.715	0.603	0.379	0.238	0.143	0.106	0.292			5.16	0.23	0.019	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.094	0.044	0.029	0.192	4.046	6.897	4.176	1.557	0.821	0.508	0.319	0.174	1.578	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	4	2	1	7	158	261	163	61	31	20	12	7	728	mm	10-Year	24.4	0.314	0.004	m^3/s









PALLISER RIVER IN LOT SL49 08NF006

Station Longitude Latitude: -115.620033 50.524248

Monthly and Annual Discharge in m^3/s | Drainage Area = 670.17 km^2 | Median Elevation = 1981 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
1981	4.73	2.86	3.03	6.04	43.20	44.30	54.70	25.30	11.90	8.12	5.47	4.15	17.95	May 26	125.00	8.22	2.36	1981
1982	2.73	2.89	2.44	3.03	25.80	66.00	35.00	19.40	13.20	7.12	5.17	4.52	15.64	Jun 17	107.00	10.16	2.19	1982
1983	3.52	3.01	2.57	6.19	27.50	47.10	41.80	16.80	8.97	5.37	5.82	2.98	14.37	May 30	94.20	7.33	2.25	1983
1984	3.31	2.63	2.45	5.26	14.80	58.20	33.10	15.40	10.60	6.72	3.79	2.93	13.26	Jun 29	100.00	8.54	2.39	1984
1985	2.68	1.91	1.99	5.68	37.50	44.10	23.50	12.60	11.20	6.94	4.89	3.40	13.09	May 23	90.00	8.55	1.59	1985
1986	3.14	2.79	3.23	6.09	39.10	69.40	43.40	21.30	9.35	8.88	6.53	4.37	18.21	May 29	175.48	7.21	2.25	1986
1987	2.52	2.10	2.74	8.82	44.20	34.50	21.30	15.30	8.50	4.58	3.09	2.79	12.61	May 12	90.30	6.91	1.73	1987
1988	1.98	1.78	1.98	6.05	27.30	46.40	23.50	11.40	7.82	6.70	5.50	3.47	12.00	Jun 08	86.40	6.80	1.54	1988
1989	2.87	2.20	1.99	4.83	25.70	53.70	25.90	19.20	14.00	6.30	7.32	4.69	14.09	Jun 06	79.60	9.26	1.72	1989
1990	3.40	2.89	2.89	12.60	32.70	65.70	45.30	17.90	9.17	7.05	6.11	3.72	17.51	Jun 24	108.00	7.46	2.22	1990
1991	3.07	3.11	2.75	6.04	33.30	64.30	59.20	25.60	10.20	5.28	3.66	3.14	18.40	Jul 04	112.00	7.58	2.61	1991
1992	2.54	2.38	2.80	8.17	38.90	45.00	29.50	14.40	10.10	9.56	5.62	4.03	14.45	May 27	87.20	8.49	2.25	1992
1993	2.56	2.25	2.43	4.02	41.20	36.70	32.30	16.60	10.40	5.83	4.05	3.57	13.58	May 15	87.19	7.60	2.06	1993
1994	2.90	2.32	2.77	8.75	33.30	46.00	31.20	12.70	6.99	4.53	3.73	4.08	13.33	Jun 24	69.70	6.43	1.79	1994
1995	2.69	2.66	2.51														1.84	1995
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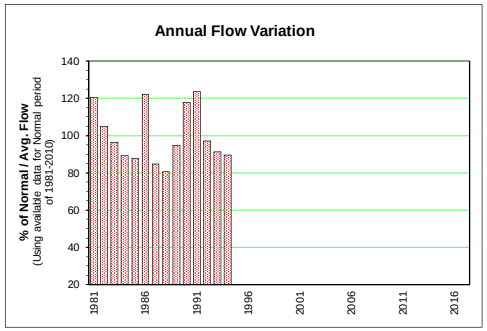
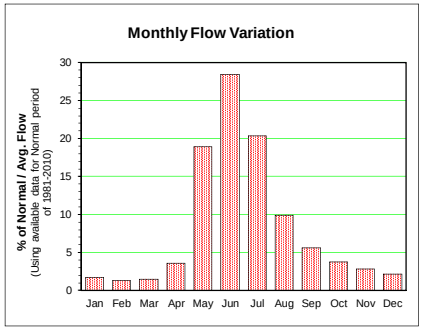
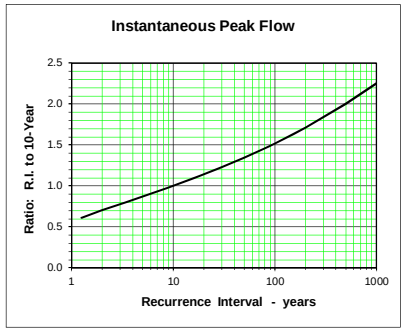
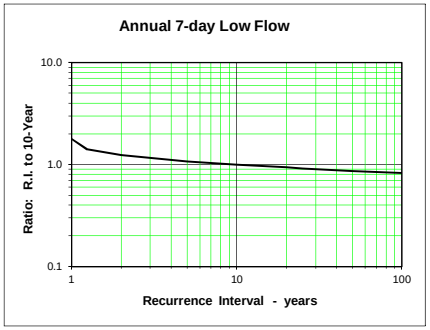
Avg.	2.98	2.52	2.57	6.54	33.18	51.53	35.69	17.42	10.17	6.64	5.05	3.70	14.89	14.86		100.86	7.90	2.05	m^3/s
S. D.	0.63	0.42	0.38	2.39	8.26	11.36	11.70	4.40	1.95	1.50	1.24	0.62	2.23			25.79	1.03	0.33	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.98	2.52	2.57	6.54	33.18	51.53	35.69	17.42	10.17	6.64	5.05	3.70	14.89	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	12	9	10	25	133	199	143	70	39	27	20	15	701	mm	10-Year	137.5	6.240	1.635	m^3/s









KOOTENAY RIVER NEAR SKOOKUMCHUCK 08NG053

Station Longitude Latitude: -115.73733 49.91060

Monthly and Annual Discharge in m^3/s | Drainage Area = 7207.23 km^2 | Median Elevation = 1865 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
1981	32.30	26.10	26.40	42.60	297.00	334.00	393.00	196.00	91.00	60.10	40.50	29.30	131.59	May 26	810.00	70.29	20.70	1981
1982	25.80	26.60	24.90	26.80	161.00	474.00	269.00	137.00	110.00	68.30	40.60	29.80	116.37	Jun 16	735.00	97.90	21.04	1982
1983	26.50	26.00	26.10	44.10	188.00	335.00	280.00	134.00	71.70	43.40	43.30	24.20	103.94	May 30	615.00	54.80	19.16	1983
1984	28.60	24.40	24.60	37.50	82.80	393.00	252.00	128.00	87.10	54.30	36.90	27.10	97.98	Jun 30	707.00	76.93	22.54	1984
1985	24.00	20.40	21.30	38.70	245.00	307.00	167.00	95.40	87.30	55.90	34.90	27.70	94.06	May 26	609.00	70.53	16.17	1985
1986	25.10	22.20	28.90	46.10	251.00	462.00	262.00	140.00	76.10	66.90	49.90	33.40	122.39	May 29	1050.00	57.81	16.53	1986
1987	26.10	23.10	26.60	58.10	313.00	261.00	161.00	103.00	66.10	38.20	27.70	19.00	94.05	May 13	574.00	55.13	14.04	1987
1988	17.90	17.10	18.00	57.30	197.00	327.00	181.00	99.90	61.60	58.90	39.90	25.90	91.88	Jun 08	670.00	53.23	14.09	1988
1989	24.30	19.70	20.80	41.00	183.00	381.00	206.00	143.00	114.00	56.10	54.90	37.00	107.00	Jun 16	594.00	74.19	17.51	1989
1990	29.50	25.20	25.70	67.30	197.00	512.00	344.00	146.00	70.50	51.40	45.40	27.80	128.84	Jun 25	748.00	56.96	17.66	1990
1991	28.70	27.20	23.30	50.40	252.00	453.00	414.00	180.00	83.40	48.60	33.60	27.20	135.78	Jul 04	724.00	62.89	19.84	1991
1992	24.50	23.20	27.50	51.00	223.00	292.00	195.00	102.00	66.80	61.40	40.20	24.40	94.44	Jun 14	451.00	58.30	20.43	1992
1993	23.40	21.30	22.40	29.90	269.00	269.00	258.00	137.00	87.60	58.10	37.70	33.00	104.52	May 15	554.00	70.01	19.44	1993
1994	27.50	21.70	25.90	72.70	237.00	319.00	209.00	94.60	59.40	41.70	27.90	23.00	96.98	May 13	427.00	52.54	16.37	1994
1995	19.50	19.80	21.70	28.80	158.00	470.00	243.00	167.00	92.80	71.70	53.40	45.00	116.18	Jun 07	797.00	68.66	12.80	1995
1996	31.00	28.30	28.70														20.77	1996
1997																		1997
1998																		1998
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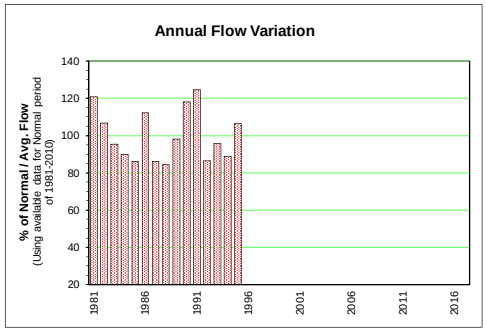
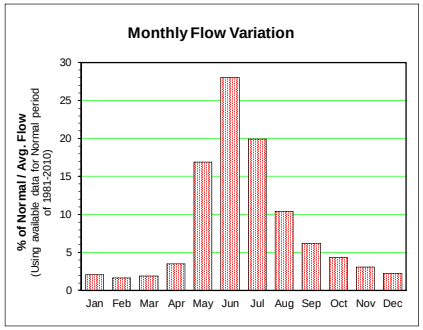
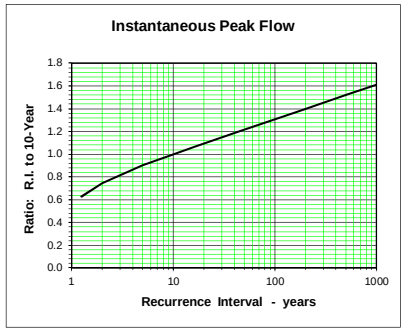
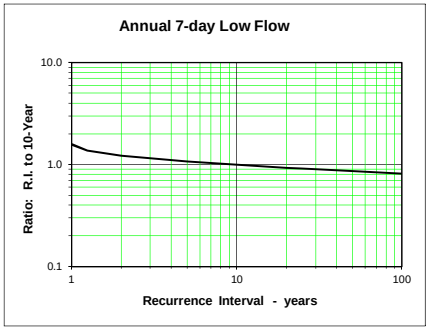
Avg.	25.92	23.27	24.55	46.15	216.92	372.60	255.60	133.53	81.69	55.67	40.45	28.92	109.07	113.10		671.00	65.34	18.07	m^3/s
S. D.	3.81	3.17	3.05	13.56	59.37	82.80	77.20	31.11	16.42	9.76	8.09	6.30	15.06			155.13	12.15	2.88	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	25.92	23.27	24.55	46.15	216.92	372.60	255.60	133.53	81.69	55.67	40.45	28.92	109.07	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	8	9	17	81	134	95	50	29	21	15	11	478	mm	10-Year	893.9	53.097	15.310	m^3/s







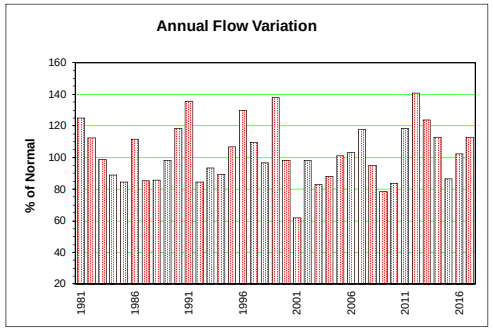


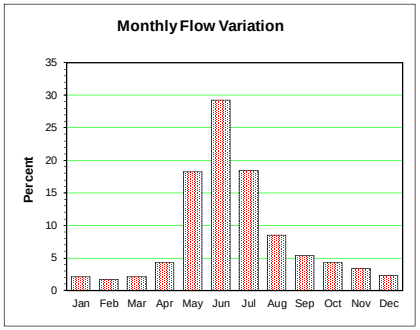
KOOTENAY RIVER AT FORT STEELE 08NG065

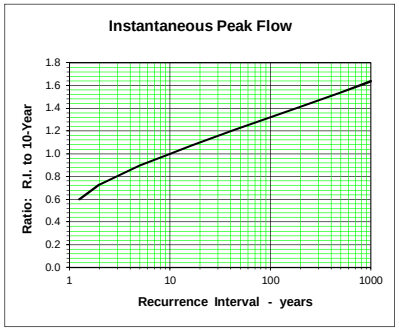
Station Longitude Latitude: -115.63445 49.61256

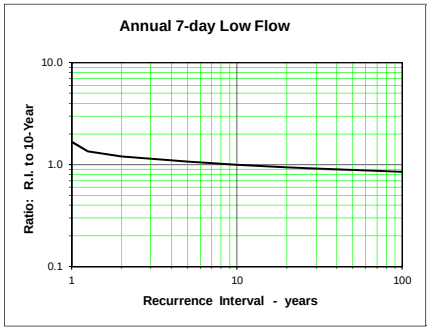
Monthly and Annual Discharge in m^3/s | Drainage Area = 11420.46 km^2 | Median Elevation = 1787 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	59.00	47.70	48.60	78.50	496.00	554.00	604.00	269.00	120.00	90.40	63.80	45.80	207.73		May 27	1130.00	95.01	38.71	1981
1982	41.30	43.70	41.00	48.90	293.00	783.00	407.00	194.00	150.00	114.00	72.50	51.70	187.01		Jun 16	1120.00	135.43	32.34	1982
1983	46.10	40.90	42.90	84.90	339.00	531.00	400.00	180.00	109.00	68.10	78.80	40.70	164.05		May 30	1050.00	85.43	33.06	1983
1984	48.10	38.20	38.10	70.40	142.00	627.00	372.00	162.00	111.00	76.40	52.80	38.10	147.87		Jun 30	1050.00	102.34	33.34	1984
1985	33.60	29.10	30.70	71.10	408.00	457.00	211.00	122.00	124.00	89.10	61.10	43.80	140.53		May 25	983.00	91.30	23.23	1985
1986	38.50	38.10	63.10	110.00	390.00	726.00	359.00	174.00	99.40	95.00	74.80	52.70	185.52		Jun 01	1490.00	79.31	26.81	1986
1987	41.50	38.40	45.10	106.00	525.00	390.00	216.00	128.00	80.70	53.50	42.10	30.00	142.06		May 13	978.00	69.40	22.34	1987
1988	27.90	29.00	31.90	101.00	340.00	507.00	253.00	125.00	83.20	95.40	74.60	45.10	142.85		Jun 08	938.00	77.37	21.74	1988
1989	37.20	29.80	33.20	81.90	327.00	590.00	287.00	185.00	146.00	81.60	96.80	64.20	163.69		Jun 07	905.00	98.24	25.17	1989
1990	51.40	36.70	38.80	129.00	313.00	781.00	500.00	187.00	96.70	83.40	84.90	57.40	197.09		Jun 25	1060.00	79.46	28.53	1990
1991	49.90	48.00	41.30	107.00	475.00	773.00	675.00	257.00	116.00	65.80	49.10	38.50	225.68		Jul 05	1140.00	88.50	30.50	1991
1992	34.90	35.40	44.60	104.00	396.00	425.00	262.00	129.00	84.20	84.40	54.50	33.70	140.93		Jun 14	697.00	73.64	27.71	1992
1993	31.60	30.60	33.20	49.30	440.00	405.00	359.00	197.00	126.00	82.50	51.90	45.10	155.24		May 15	915.00	103.41	27.53	1993
1994	39.20	32.10	39.10	147.00	406.00	488.00	299.00	128.00	75.80	53.20	40.20	32.70	148.88		May 13	733.00	63.63	26.23	1994
1995	28.90	33.40	36.60	50.70	295.00	732.00	343.00	224.00	122.00	104.00	85.80	73.90	177.86		Jun 07	1090.00	89.01	23.27	1995
1996	47.30	45.50	47.30	146.00	335.00	869.00	593.00	211.00	106.00	91.80	58.10	40.20	215.92		Jun 09	1410.00	92.60	31.46	1996
1997	39.90	35.30	44.00	73.00	361.00	674.00	360.00	176.00	155.00	136.00	78.00	47.40	182.14		Jun 06	1030.00	126.00	32.49	1997
1998	42.00	38.70	38.20	77.40	548.00	499.00	299.00	142.00	82.10	64.80	54.40	36.40	160.97		May 28	945.00	71.40	19.51	1998
1999	36.10	34.00	37.70	92.00	331.00	743.00	647.00	342.00	131.00	82.40	182.00	81.40	229.25		Jun 18	1240.00	95.81	31.59	1999
2000	58.90	50.40	47.70	109.00	318.00	532.00	406.00	176.00	108.00	74.10	44.30	33.70	163.41		Jun 10	676.00	89.63	22.76	2000
2001	31.50	27.90	30.40	41.60	265.00	326.00	213.00	105.00	66.70	46.00	45.60	31.00	102.69		May 29	748.00	59.29	24.37	2001
2002	29.90	27.70	28.40	54.80	280.00	816.00	429.00	107.00	68.70	46.90	36.60	33.00	163.39		Jun 17	1101.00	53.26	24.24	2002
2003	32.10	30.60	36.40	72.80	270.00	607.00	216.00	96.90	71.10	105.00	67.50	45.20	137.69		May 26	929.00	62.91	26.00	2003
2004	36.30	34.70	39.30	108.00	237.00	430.00	259.00	162.00	208.00	117.00	73.80	55.90	146.73		Jun 06	637.00	121.86	27.37	2004
2005	52.20	54.10	51.80	96.70	348.00	549.00	315.00	137.00	105.00	154.00	97.20	54.80	168.35		Jun 19	771.00	92.41	28.20	2005
2006	54.80	40.70	42.80	96.30	560.00	619.00	251.00	121.00	84.60	59.90	79.30	46.60	171.88		May 20	1230.00	76.39	31.10	2006
2007	39.10	38.80	79.90	142.00	497.00	771.00	392.00	135.00	81.70	73.80	52.30	40.70	195.83		Jun 06	1250.00	68.30	27.13	2007
2008	33.80	33.70	33.20	40.10	372.00	573.00	342.00	156.00	116.00	90.70	65.30	39.50	158.18		May 21	945.00	95.94	26.07	2008
2009	35.90	30.60	30.70	49.60	220.00	520.00	287.00	156.00	88.70	63.30	53.20	30.00	130.72		May 31	827.00	72.80	21.01	2009
2010	34.10	30.80	31.60	81.20	228.00	498.00	302.00	139.00	122.00	98.10	61.60	43.70	139.50		Jun 25	662.00	84.96	28.00	2010
2011	38.10	32.40	35.70	40.90	328.00	811.00	581.00	202.00	105.00	86.90	57.00	42.10	197.40		Jul 01	1170.00	93.19	27.40	2011
2012	34.10	33.00	37.30	122.00	437.00	933.00	689.00	201.00	98.20	82.20	86.80	57.00	234.49		Jun 07	1300.00	85.23	25.77	2012
2013	43.40	40.40	43.30	90.50	539.00	810.00	409.00	149.00	121.00	103.00	66.30	47.50	205.82		Jun 22	1700.00	111.29	30.07	2013
2014	43.00	33.20	44.20	65.10	471.00	685.00	424.00	143.00	102.00	83.60	90.30	62.30	187.96		May 25	1060.00	91.93	24.93	2014
2015	45.30	55.70	69.90	121.00	358.00	477.00	184.00	110.00	117.00	82.40	60.50	46.40	144.11		Jun 04	786.00	92.73	34.06	2015
2016	38.30	36.70	40.80	256.00	457.00	405.00	242.00	126.00	93.50	142.00	139.00	64.90	170.25		Jun 08	682.00	91.23	27.89	2016
2017	48.30	41.90	54.30	102.00	526.00	797.00	331.00	123.00	75.10	56.50	55.90	40.20	188.03		Jun 01	1220.00	58.46	26.19	2017
Avg.	40.64	37.24	41.98	92.37	374.9	613.9	370.76	164.24	106.77	85.87	69.96	46.31	170.86	173.39		1016.16	87.00	27.52	m^3/s
S. D.	8.16	7.22	10.87	40.67	103.51	157.82	137.88	50.90	28.33	24.92	27.50	12.11	30.34			244.38	18.40	4.13	m^3/s
Normal	40.43	36.82	40.92	87.34	358.50	593.17	361.93	167.43	107.95	84.69	67.76	45.10	166.45	m^3/s					
Normal	9	8	10	20	84	135	85	39	25	20	15	11	460	mm	10-Year	1365.94	66.74	23.01	m^3/s









MARK CREEK ABOVE DIVERSIONS 08NG085

Station Longitude Latitude: -116.03014 49.69548

Monthly and Annual Discharge in m^3/s | Drainage Area = 98.39 km^2 | Median Elevation = 1757 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
1981																		1981
1982																		1982
1983																		1983
1984																		1984
1985																		1985
1986																		1986
1987																		1987
1988																		1988
1989	0.319	0.227	0.169	0.619	4.820	4.190	1.000	0.571	0.545	0.367	0.440	0.313	1.14	May 09	8.93	0.377	0.113	1989
1990	0.254	0.204	0.204	1.390	4.640	6.320	1.700	0.488	0.281	0.338	0.515	0.333	1.39	Jun 01	10.20	0.250	0.178	1990
1991	0.245	0.234	0.217	0.624	6.960	8.520	3.630	0.630	0.337	0.278	0.241	0.207	1.85	May 21	23.80	0.298	0.188	1991
1992	0.228	0.248	0.341	1.340	3.120	1.860	1.450	0.554	0.311	0.270	0.238	0.203	0.85	May 07	5.38	0.286	0.182	1992
1993	0.158	0.136	0.219	0.438	4.040	2.450	2.570	1.170	0.650	0.482	0.314	0.272	1.08	May 14	9.65	0.573	0.124	1993
1994	0.236	0.206	0.244	1.690	4.830	2.610	0.859	0.307	0.237	0.230	0.296	0.325	1.01	May 11	9.26	0.205	0.162	1994
1995	0.189	0.193	0.197	0.346	4.350	7.030	1.670	0.641	0.379	0.422	0.386	0.376	1.35	Jun 06	15.40	0.327	0.170	1995
1996	0.294	0.269	0.293	1.100	5.980							0.238						1996
1997												0.238						1997
1998	0.214	0.216	0.251	0.780	5.610	2.740	1.150	0.523	0.300	0.274	0.241	0.184	1.05	May 27	12.20	0.280	0.126	1998
1999	0.207	0.200	0.233															1999
2000																		2000
2001																		2001
2002																		2002
2003																		2003
2004																		2004
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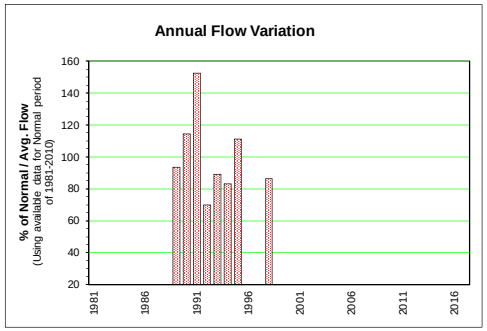
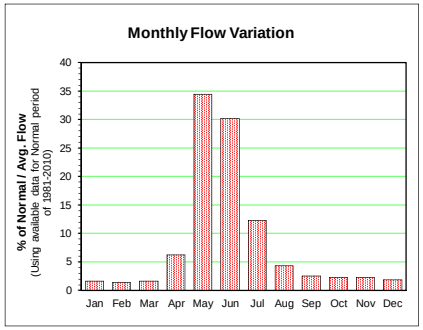
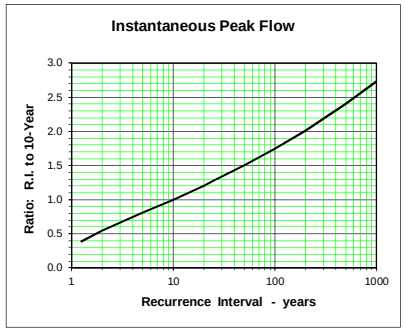
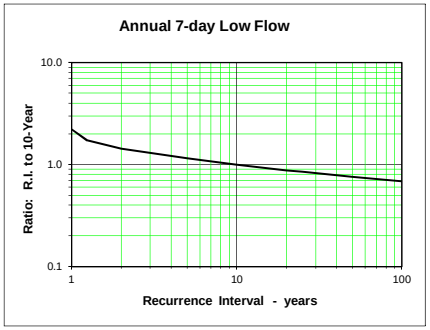
2012																		2012
2013																		2013
2014																		2014
2015																		2015
2016																		2016
2017																		2017
Avg.	0.234	0.213	0.237	0.925	4.93	4.47	1.75	0.611	0.380	0.333	0.334	0.269	1.21	1.21		11.85	0.325	0.155	m^3/s
S. D.	0.048	0.036	0.050	0.472	1.13	2.50	0.93	0.249	0.143	0.087	0.104	0.065	0.312			5.61	0.112	0.030	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.234	0.213	0.237	0.925	4.93	4.47	1.75	0.611	0.380	0.333	0.334	0.269	1.215	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	5	6	24	134	118	48	17	10	9	9	7	390	mm	10-Year	19.3	0.189	0.101	m^3/s







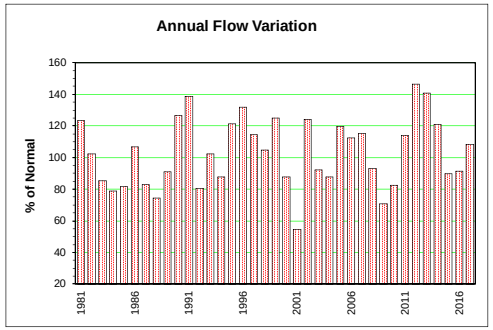


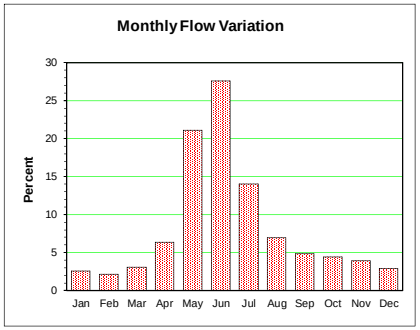
ELK RIVER AT FERNIE 08NK002

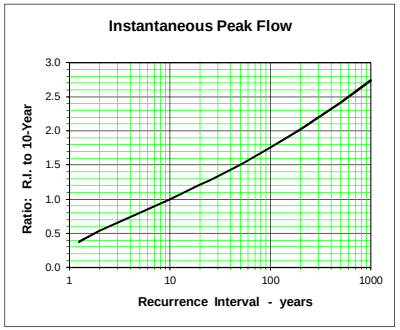
Station Longitude Latitude: -115.06960 49.50369

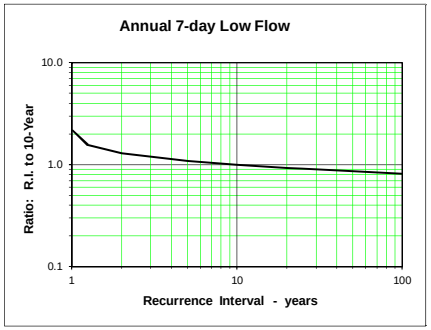
Monthly and Annual Discharge in m^3/s | Drainage Area = 3103.93 km^2 | Median Elevation = 1866 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	19.20	15.30	15.90	33.80	174.00	164.00	113.00	52.40	28.80	21.60	16.20	11.80	55.77	May 27	376.00	25.16	10.47	1981
1982	11.90	18.80	13.90	23.00	112.00	185.00	76.00	36.70	29.00	23.20	15.10	9.53	46.22	Jun 16	264.00	25.40	8.96	1982
1983	10.90	11.50	15.50	30.50	103.00	116.00	71.50	34.70	20.40	15.70	20.60	11.50	38.61	May 30	255.00	17.37	8.51	1983
1984	15.30	11.40	11.60	23.00	60.50	146.00	65.90	31.20	20.80	17.80	14.50	10.10	35.64	Jun 17	197.00	18.87	9.44	1984
1985	10.20	8.24	10.20	29.30	118.00	100.00	40.50	27.20	34.10	27.80	21.20	15.80	37.01	May 26	217.00	24.67	6.65	1985
1986	12.60	13.80	25.50	41.10	141.00	162.00	58.80	32.60	25.70	27.10	21.70	16.70	48.34	May 30	446.00	21.47	8.47	1986
1987	11.80	10.70	18.80	44.80	147.00	76.80	47.10	32.30	20.10	14.80	12.30	11.00	37.50	May 13	245.00	17.49	8.52	1987
1988	8.38	9.05	11.30	34.10	101.00	116.00	38.90	23.20	16.70	17.40	16.20	12.30	33.71	Jun 08	204.00	15.26	6.03	1988
1989	11.20	8.58	10.90	34.20	104.00	138.00	55.40	31.90	29.30	21.60	28.40	18.40	41.08	Jun 07	218.00	21.73	7.07	1989
1990	15.20	11.20	17.30	52.80	118.00	212.00	103.00	49.50	27.10	25.80	34.50	20.40	57.34	May 31	344.00	23.13	8.12	1990
1991	15.40	18.80	17.30	47.80	169.00	221.00	131.00	51.10	28.90	20.80	16.20	13.50	62.75	May 21	324.00	24.81	11.60	1991
1992	13.70	13.50	17.50	35.90	93.00	84.80	70.70	32.90	25.00	22.70	16.70	9.82	36.43	May 08	141.00	23.27	8.77	1992
1993	9.23	8.67	14.40	22.80	120.00	116.00	105.00	53.60	38.10	26.80	19.50	17.30	46.22	Jun 02	238.00	32.76	6.40	1993
1994	14.30	11.40	17.90	48.20	123.00	110.00	54.90	29.20	19.80	17.40	15.00	14.40	39.76	May 13	195.00	17.60	10.24	1994
1995	9.75	13.60	16.70	20.50	84.70	237.00	104.00	49.40	28.20	27.60	34.90	32.30	54.95	Jun 07	718.00	24.21	7.72	1995
1996	19.10	16.10	20.80	57.30	108.00	246.00	116.00	45.00	29.40	24.90	18.50	14.80	59.59	Jun 09	428.00	27.30	11.66	1996
1997	12.30	10.80	19.50	37.30	141.00	199.00	70.40	37.80	30.00	27.40	19.50	15.90	51.86	Jun 01	378.00	27.99	10.06	1997
1998	11.30	12.00	15.50	33.00	157.00	163.00	71.80	35.30	22.10	17.00	15.40	13.40	47.40	May 27	347.00	20.39	6.86	1998
1999	13.10	12.10	15.40	38.50	107.00	183.00	110.00	53.40	27.10	24.50	63.00	29.90	56.55	May 26	278.00	22.39	10.69	1999
2000	18.70	15.40	16.10	42.70	100.00	115.00	64.60	33.20	24.30	19.70	14.90	11.40	39.69	May 23	174.00	22.76	6.97	2000
2001	10.70	9.00	10.20	15.00	67.60	71.60	37.50	22.20	15.30	13.40	13.20	10.50	24.72	May 28	137.00	14.27	8.14	2001
2002	9.19	8.11	10.50	30.70	94.20	277.00	118.00	37.10	28.20	24.70	19.80	17.20	56.26	Jun 18	374.00	25.19	7.24	2002
2003	13.70	13.30	20.20	38.00	96.60	146.00	54.10	29.30	21.10	29.30	22.10	15.10	41.63	May 30	287.00	18.36	12.66	2003
2004	13.50	12.80	16.50	40.20	70.50	88.20	58.40	44.60	50.70	32.00	25.00	24.30	39.75	Jun 07	118.00	34.66	10.66	2004
2005	24.00	18.80	18.40	30.20	99.00	164.00	79.50	42.00	40.80	67.10	39.80	25.60	54.23	Jun 08	235.00	30.30	12.57	2005
2006	24.10	17.30	18.40	51.10	164.00	157.00	61.00	29.70	21.30	17.50	32.10	15.90	50.90	May 21	310.00	19.81	12.83	2006
2007	14.80	13.80	34.70	47.20	156.00	180.00	70.30	28.50	22.60	22.10	18.50	15.20	52.12	Jun 06	327.00	21.60	11.40	2007
2008	12.00	13.10	12.90	19.90	123.00	155.00	73.90	32.50	20.90	16.90	14.10	11.00	42.15	May 26	252.00	19.06	7.83	2008
2009	10.90	8.81	9.54	18.50	60.00	108.00	60.40	43.90	21.00	15.90	15.30	10.20	31.96	Jun 01	178.00	17.79	7.24	2009
2010	12.80	11.00	11.60	25.70	64.50	126.00	65.90	33.10	37.10	28.80	17.30	13.70	37.35	Jun 18	155.00	22.37	7.36	2010
2011	14.40	12.30	13.60	21.80	107.00	217.00	114.00	38.40	24.20	22.90	17.80	14.60	51.62	Jun 08	271.00	21.14	9.80	2011
2012	12.80	11.20	15.70	59.70	157.00	247.00	137.00	49.70	27.20	24.20	31.00	22.00	66.24	Jun 06	400.00	23.79	9.40	2012
2013	17.60	13.80	19.50	38.60	157.00	250.00	98.40	50.80	39.20	34.30	26.40	16.90	63.68	Jun 21	1060.00	36.96	13.09	2013
2014	12.90	12.80	17.20	36.90	163.00	203.00	76.10	36.30	31.20	22.70	23.00	20.10	54.74	May 25	368.00	27.33	11.63	2014
2015	17.10	28.60	33.20	46.70	95.10	109.00	43.50	27.80	25.50	22.10	22.00	17.90	40.70	Jun 03	226.00	25.17	12.47	2015
2016	13.30	14.90	18.60	69.80	108.00	81.20	47.90	31.60	23.10	34.90	35.70	17.40	41.39	May 09	159.00	22.44	11.57	2016
2017	15.00	11.00	20.10	38.30	161.00	181.00	57.00	28.20	20.50	18.30	20.30	16.10	49.03	Jun 01	339.00	17.83	9.41	2017
Avg.	13.85	13.02	16.83	36.73	116.9	158.2	76.25	37.25	26.89	24.02	22.37	16.05	46.62	47.27		302.24	23.03	9.42	m^3/s
S. D.	3.67	3.94	5.47	12.46	32.97	55.45	27.38	9.06	7.30	9.04	9.86	5.36	9.85			171.08	5.09	2.08	m^3/s
Normal	13.64	12.57	16.16	34.90	112.55	152.11	74.92	37.18	26.80	23.64	21.72	15.63	45.25	m^3/s					
Normal	12	10	14	29	97	127	65	32	22	20	18	13	460	mm	10-Year	496.74	17.41	6.88	m^3/s









ELK RIVER AT PHILLIPS BRIDGE 08NK005

Station Longitude Latitude: -115.11149 49.21519

Monthly and Annual Discharge in m^3/s | Drainage Area = 4391.64 km^2 | Median Elevation = 1806 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
1981	35.00	26.70	27.90	68.30	266.00	276.00	161.00	67.40	37.70	30.60	23.60	19.60	86.98	May 26	589.00	33.90	16.86	1981
1982	18.90	28.90	21.70	38.80	194.00	294.00	113.00	45.40	35.50	33.10	25.00	21.60	72.57	May 26	431.00	31.77	14.90	1982
1983	21.10	20.40	27.70	64.70	201.00	192.00	123.00	48.00	29.40	23.40	41.20	19.10	67.82	May 27	439.00	25.10	14.64	1983
1984	30.40	19.70	21.20	48.20	121.00	237.00	94.10	39.60	28.00	23.80	20.20	16.70	58.26	May 31	348.00	25.47	15.74	1984
1985	17.40	13.80	16.60	66.60	223.00	181.00	62.00	40.80	51.40	40.70	32.10	21.20	64.09	May 24	468.00	37.09	10.77	1985
1986	20.70	27.10	53.10	87.10	242.00	227.00	76.90	40.80	33.70	39.50	38.30	26.60	76.24	May 29	712.00	28.24	14.64	1986
1987	18.40	16.80	34.10	88.80	229.00	108.00	60.50	40.60	25.30	18.10	15.00	16.00	56.17	May 11	423.00	22.31	12.57	1987
1988	12.90	13.20	18.30	77.70	172.00	168.00	55.70	31.50	22.70	29.90	31.30	18.10	54.27	May 31	308.00	19.67	8.73	1988
1989	16.70	14.50	17.90	74.30	187.00	210.00	70.70	40.50	40.70	31.40	69.10	34.80	67.39	Jun 07	370.00	28.49	12.31	1989
1990	24.20	17.10	25.50	108.00	196.00	330.00	142.00	61.20	32.30	32.20	64.40	33.90	89.00	May 31	601.00	27.43	13.17	1990
1991	23.50	33.20	23.40	84.70	286.00	334.00	180.00	64.60	36.30	25.80	22.70	19.00	94.66	May 20	611.00	31.77	15.71	1991
1992	18.20	20.50	29.70	68.70	164.00	112.00	84.60	40.10	33.80	30.10	22.50	14.70	53.35	Apr 30	364.00	29.44	12.67	1992
1993	13.60	12.40	23.60	45.00	209.00	165.00	153.00	69.20	47.90	35.70	27.30	23.40	69.19	May 17	448.00	41.13	8.12	1993
1994	20.40	14.40	31.90	91.50	200.00	157.00	68.50	36.60	25.80	23.70	18.40	18.70	59.12	May 13	357.00	22.81	12.14	1994
1995	16.60	28.00	32.00	39.90	149.00	352.00	133.00	66.10	36.10	49.80	80.90	67.30	87.61	Jun 07	1130.00	30.36	13.19	1995
1996	30.50	24.80	33.40	94.00	191.00	373.00	157.00							Jun 09	654.00			1996
1997																		1997
1998																		1998
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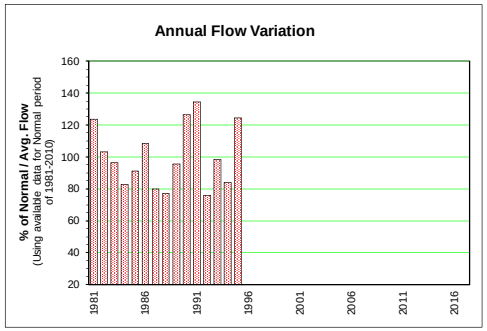
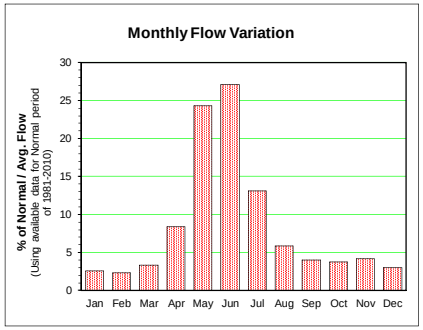
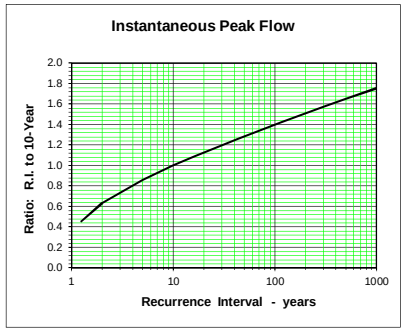
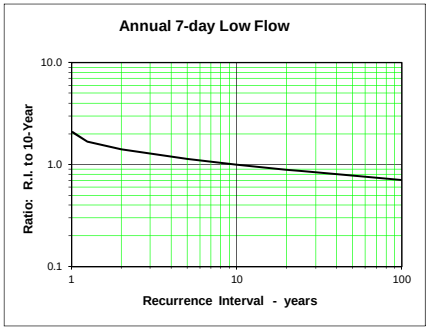
2015																		2015
2016																		2016
2017																		2017
Avg.	21.16	20.72	27.38	71.64	201.88	232.25	108.44	48.83	34.44	31.19	35.47	24.71	70.45	75.58		515.81	29.00	13.08	m^3/s
S. D.	6.23	6.59	8.88	20.66	41.74	85.16	41.80	12.95	7.99	8.04	20.17	13.20	13.70			204.28	5.70	2.50	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	21.16	20.72	27.38	71.64	201.88	232.25	108.44	48.83	34.44	31.19	35.47	24.71	70.45	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	13	12	17	42	123	137	66	30	20	19	21	15	506	mm	10-Year	782.3	22.632	9.672	m^3/s







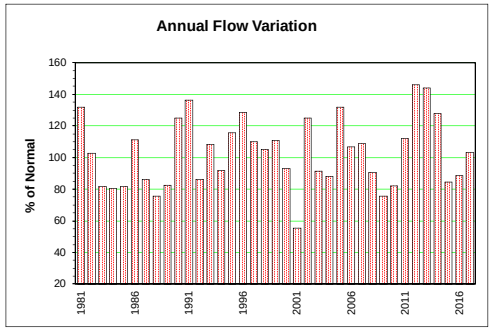


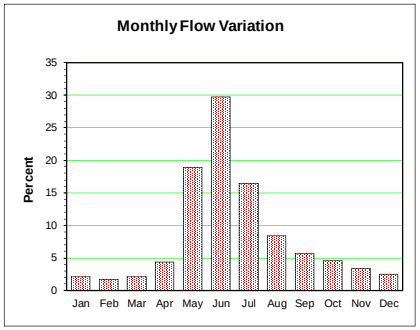
ELK RIVER NEAR NATAL 08NK016

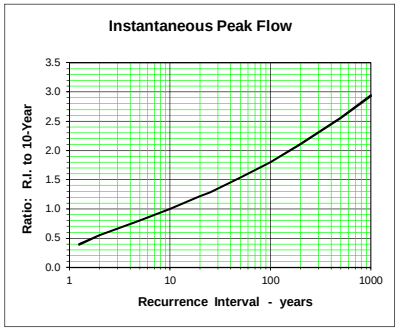
Station Longitude Latitude: -114.86910 49.86565

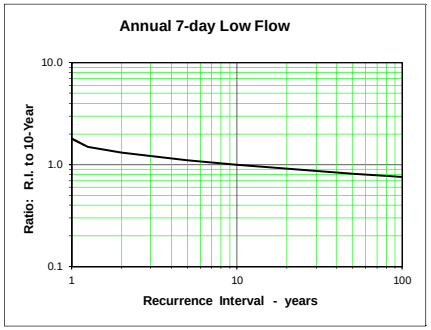
Monthly and Annual Discharge in m^3/s | Drainage Area = 1847.75 km^2 | Median Elevation = 1967 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	8.13	6.30	6.30	12.60	89.70	96.50	77.30	38.30	19.00	12.90	9.24	7.39	32.16	May 27	220.00	15.94	5.55	1981
1982	5.59	7.08	5.30	7.63	52.70	108.00	45.70	22.90	17.70	13.10	8.40	6.44	25.08	Jun 14	188.00	15.23	5.07	1982
1983	5.86	5.41	5.69	9.73	47.00	63.30	42.00	22.00	12.50	9.11	8.71	6.19	19.87	May 30	126.00	10.51	5.29	1983
1984	6.78	5.04	5.20	8.54	24.70	83.40	42.60	21.30	13.10	10.70	8.71	5.23	19.59	Jun 16	112.00	12.11	4.67	1984
1985	4.88	4.15	4.29	10.60	55.70	62.00	28.70	17.90	20.40	13.90	9.23	6.62	19.93	May 26	113.00	14.89	3.89	1985
1986	6.15	5.61	8.05	16.00	68.70	103.00	41.10	22.60	17.10	16.30	11.60	7.73	27.06	May 29	229.00	13.97	4.60	1986
1987	5.91	5.09	6.11	17.40	80.90	48.20	31.60	22.10	13.20	8.75	6.38	4.97	21.01	May 13	132.00	11.20	4.38	1987
1988	4.21	3.97	4.12	11.40	50.80	70.40	25.80	16.70	11.10	10.00	7.52	5.13	18.44	Jun 08	124.00	9.81	3.77	1988
1989	4.88	3.92	4.83	9.89	46.80	73.50	33.10	19.70	17.20	10.30	9.57	7.34	20.14	Jun 08	111.00	12.41	3.42	1989
1990	5.98	5.04	5.97	18.20	60.40	120.00	66.60	32.20	16.50	13.30	11.60	8.38	30.43	May 31	195.00	13.60	4.41	1990
1991	6.98	6.59	5.93	16.90	84.00	118.00	81.50	33.40	17.30	12.10	8.36	6.32	33.26	May 22	166.00	14.97	5.23	1991
1992	5.76	5.54	6.89	14.80	46.40	56.30	47.70	21.90	15.90	14.30	10.20	6.01	21.02	Jul 10	91.80	15.30	5.32	1992
1993	5.75	5.50	6.04	8.78	61.10	68.60	68.30	34.10	23.90	15.20	9.58	8.58	26.44	Jun 02	136.00	19.14	5.02	1993
1994	7.23	5.80	7.32	20.90	62.30	68.80	37.70	20.30	13.10	10.10	7.65	6.31	22.37	Jun 07	95.80	11.41	5.37	1994
1995	4.37	4.98	5.47	8.19	43.10	135.00	61.90	27.80	16.20	11.90	9.74	8.75	28.15	Jun 07	436.00	12.90	3.44	1995
1996	5.85	4.94	6.78	19.00	51.80	142.00	69.80	27.20	16.60	14.60	10.10	7.48	31.32	Jun 09	296.00	14.74	3.87	1996
1997	5.82	5.34	6.48	12.30	65.20	115.00	41.20	22.60	17.30	13.80	9.23	6.83	26.81	Jun 01	191.63	15.70	4.79	1997
1998	5.79	5.43	5.70	11.00	78.20	94.90	43.70	23.30	14.10	9.51	7.78	6.73	25.61	Jun 01	177.00	12.19	4.69	1998
1999	5.00	4.55	5.64	14.50	44.30	85.20	63.80	33.90	16.90	12.30	23.90	13.50	27.05	Jun 19	129.00	13.47	4.03	1999
2000	8.65	7.69	7.29	17.70	56.10	68.80	42.50	22.10	16.00	11.00	6.86	6.63	22.64	May 23	103.10	14.14	5.45	2000
2001	5.20	4.32	4.56	6.38	30.70	43.10	26.10	14.30	9.45	7.19	5.89	4.58	13.50	May 28	66.90	8.54	3.98	2001
2002	4.44	4.30	5.33	11.80	37.00	161.00	72.40	24.80	18.10	12.20	8.19	6.10	30.48	Jun 17	238.00	14.80	3.76	2002
2003	5.47	5.00	6.11	13.80	47.70	88.80	34.20	18.30	12.60	15.60	11.50	7.65	22.27	May 30	148.00	11.01	4.26	2003
2004	6.13	5.74	6.42	15.50	32.30	53.60	36.10	27.70	30.30	19.40	13.70	10.30	21.44	Jun 12	75.50	22.14	5.07	2004
2005	8.94	8.74	9.35	13.90	49.30	112.00	59.70	30.90	24.60	32.30	22.90	12.70	32.18	Jun 08	168.00	20.50	5.82	2005
2006	11.00	7.55	8.53	19.10	74.30	88.80	36.30	20.00	14.90	11.70	10.70	8.36	26.01	May 21	141.00	13.76	4.95	2006
2007	6.06	5.24	9.27	16.80	74.50	101.00	45.50	17.40	12.50	12.70	9.11	6.55	26.47	Jun 06	180.00	10.29	4.53	2007
2008	5.17	5.02	5.21	7.40	56.10	84.90	42.80	20.20	13.50	10.70	8.21	5.23	22.06	May 25	129.00	12.51	3.24	2008
2009	4.87	4.68	4.98	7.70	26.70	64.50	37.10	30.70	16.20	10.10	8.49	4.42	18.42	Jun 01	90.90	12.57	3.43	2009
2010	5.39	5.55	5.96	10.70	29.90	68.50	38.90	20.30	21.80	17.00	8.65	6.95	20.00	Jun 25	92.40	14.01	4.24	2010
2011	6.22	5.42	5.43	6.95	47.30	125.00	63.40	24.40	14.90	12.40	8.43	7.03	27.29	Jun 23	159.00	12.83	4.83	2011
2012	5.83	5.46	6.00	21.30	70.60	145.00	91.70	32.10	15.90	12.20	11.60	8.61	35.55	Jun 07	231.00	13.73	4.67	2012
2013	6.87	6.02	6.65	14.90	89.80	157.00	57.90	29.00	19.80	14.90	9.97	7.55	35.10	Jun 21	652.99	18.06	5.70	2013
2014	6.86	4.61	5.57	12.00	89.60	122.00	55.30	24.10	20.20	13.10	10.80	8.78	31.18	May 25	222.87	17.70	4.08	2014
2015	7.33	7.63	9.03	18.30	47.20	63.80	29.20	17.90	15.90	13.00	9.62	7.39	20.56	Jun 04	112.48	14.74	5.59	2015
2016	6.46	5.81	6.12	28.50	56.40	47.10	33.10	22.30	13.00	15.80	15.10	8.69	21.57	Jun 09	78.70	11.63	5.51	2016
2017	5.70	4.86	6.93	14.30	79.60	97.40	37.80	17.90	12.50	9.32	7.87	6.13	25.10	Jun 01	168.71	10.06	3.76	2017
Avg.	6.15	5.51	6.24	13.66	57.0	92.0	48.38	24.18	16.52	13.05	10.14	7.29	25.07	26.11		171.02	13.85	4.59	m^3/s
S. D.	1.36	1.09	1.30	4.87	18.27	31.87	16.85	5.83	4.09	4.13	3.71	1.93	5.29			107.98	2.95	0.73	m^3/s
Normal	6.07	5.47	6.17	12.97	54.28	88.24	47.39	24.23	16.64	13.07	10.06	7.18	24.37	m^3/s					
Normal	9	7	9	18	79	124	69	35	23	19	14	10	416	mm	10-Year	281.58	10.59	3.35	m^3/s







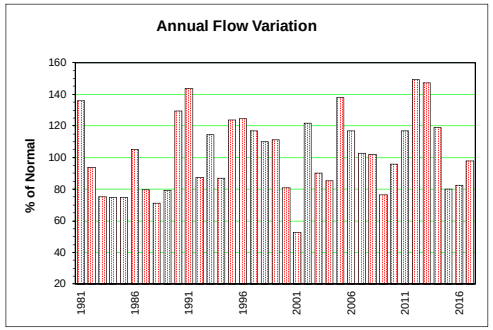


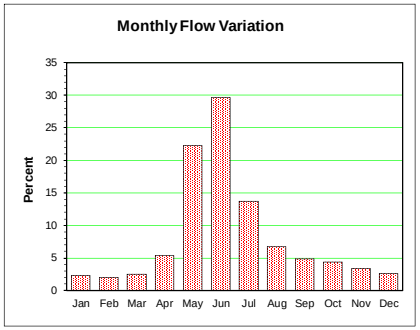
FORDING RIVER AT THE MOUTH 08NK018

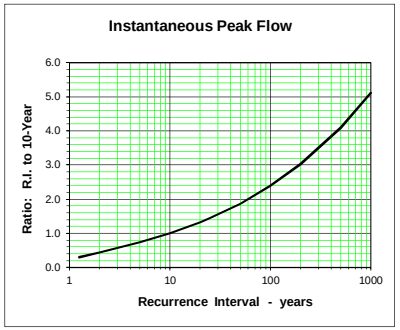
Station Longitude Latitude: -114.86662 49.89413

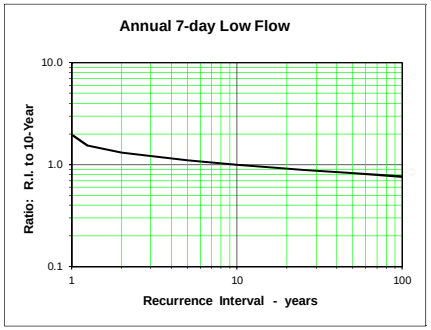
Monthly and Annual Discharge in m^3/s | Drainage Area = 619.32 km^2 | Median Elevation = 1975 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	2.15	2.17	2.52	4.69	36.10	34.60	23.00	8.18	3.95	2.99	2.33	1.85	10.43		May 26	88.10	3.45	1.63	1981
1982	1.70	2.27	1.86	2.44	18.50	30.30	11.10	4.77	4.44	3.91	2.71	2.31	7.20		May 26	47.70	3.93	1.51	1982
1983	2.10	1.69	1.91	3.91	17.40	17.20	10.50	4.51	2.94	2.35	2.54	1.82	5.76		May 30	42.20	2.64	1.59	1983
1984	1.79	1.50	1.71	3.51	10.20	26.00	9.78	4.43	3.11	3.13	2.33	1.44	5.73		May 31	48.90	2.89	1.31	1984
1985	1.40	1.32	1.49	4.47	19.60	15.40	5.76	4.21	5.94	4.00	2.87	2.07	5.73		May 25	34.60	3.63	1.18	1985
1986	1.63	1.52	2.44	6.29	27.90	26.50	8.64	5.02	4.88	5.62	3.62	2.20	8.05		May 29	103.00	3.86	1.28	1986
1987	1.68	1.91	2.39	7.26	25.50	10.80	8.46	5.58	3.33	2.48	2.02	1.62	6.12		May 09	43.00	2.90	0.96	1987
1988	1.30	1.29	1.46	4.76	18.40	20.90	5.54	3.50	2.31	2.35	2.07	1.46	5.45		Jun 08	44.60	2.10	1.16	1988
1989	1.52	1.57	1.97	4.34	17.10	20.30	7.61	4.33	5.61	3.23	2.90	2.27	6.08		Jun 07	35.70	3.80	1.23	1989
1990	1.86	1.69	2.20	7.84	24.00	38.10	18.60	9.54	4.80	4.20	3.62	2.20	9.91		May 30	134.00	3.93	1.44	1990
1991	2.21	2.36	2.20	7.12	33.20	41.00	22.00	8.23	4.67	3.61	2.74	2.41	11.02		May 21	91.70	4.47	1.94	1991
1992	2.25	2.06	2.86	5.79	16.10	13.90	16.20	6.61	4.99	4.68	3.04	1.80	6.71		Jul 09	37.80	4.36	1.37	1992
1993	2.16	1.75	1.98	3.01	20.60	22.10	21.50	11.60	7.80	5.40	3.47	3.19	8.77		Jun 02	58.70	6.78	1.55	1993
1994	2.85	2.31	2.83	7.96	21.90	18.60	7.85	4.49	3.25	2.91	2.60	2.35	6.68		May 11	53.70	2.89	1.97	1994
1995	1.85	1.85	2.10	2.67	12.80	52.50	19.00	7.55	3.88	3.58	3.35	2.96	9.50		Jun 07	318.00	3.37	1.51	1995
1996	2.51	2.23	2.88	6.26	16.00	43.50	17.20	6.96	5.16	6.05	3.60	2.65	9.57		Jun 08	95.60	4.60	1.85	1996
1997	2.77	2.09	2.59	6.01	29.60	34.10	10.80	5.96	4.45	3.88	2.97	2.23	8.98		Jun 03	80.20	4.18	1.75	1997
1998	2.07	1.93	2.13	4.73	28.70	32.20	12.00	5.94	3.52	3.06	2.51	2.11	8.44		Jun 01	79.20	3.35	1.52	1998
1999	1.93	1.76	2.15	6.58	19.10	28.00	16.10	7.70	4.03	3.51	7.33	3.75	8.52		May 26	58.10	3.55	1.65	1999
2000	2.59	2.56	2.64	6.23	17.10	18.00	8.51	4.55	4.29	3.30	2.29	2.21	6.19		May 23	29.40	3.81	1.76	2000
2001	2.25	2.05	2.08	2.71	10.80	12.30	5.32	2.93	2.25	2.13	1.99	1.61	4.04		May 14	21.70	2.15	1.43	2001
2002	1.69	1.57	1.60	3.26	15.80	51.60	17.60	5.89	4.39	3.70	2.76	2.18	9.33		Jun 17	85.90	3.98	1.45	2002
2003	2.12	1.93	2.27	5.50	19.20	27.50	8.55	3.95	3.07	3.77	2.92	2.24	6.93		May 26	58.30	2.94	1.81	2003
2004	2.04	2.05	2.38	5.53	10.00	15.20	10.40	9.66	9.14	5.16	3.81	3.15	6.55		Jun 12	21.90	6.42	1.68	2004
2005	3.00	2.93	3.33	5.02	16.60	40.70	16.70	8.30	7.62	11.00	7.03	4.49	10.57		Jun 18	62.50	6.27	2.12	2005
2006	3.59	2.79	3.05	7.59	27.30	32.40	10.30	5.39	4.24	3.69	3.82	3.05	8.95		Jun 16	58.20	3.90	2.17	2006
2007	2.22	2.04	3.04	4.21	26.40	29.50	9.75	4.22	3.52	3.76	2.87	2.64	7.87		Jun 06	53.50	3.37	1.79	2007
2008	2.15	2.24	2.21	3.17	22.50	31.50	12.80	5.01	4.09	3.36	2.70	1.93	7.81		May 25	53.60	3.96	1.23	2008
2009	1.80	1.65	1.80	3.44	11.60	19.20	9.55	8.17	4.45	3.46	3.08	1.90	5.86		May 31	37.90	3.76	1.23	2009
2010	2.38	2.31	2.35	4.90	13.50	27.50	11.80	5.67	6.66	5.09	3.12	2.86	7.35		Jun 24	36.60	4.37	1.81	2010
2011	2.21	2.11	2.14	3.18	18.80	41.50	17.60	5.65	4.04	4.13	3.23	2.77	8.96		Jun 07	56.60	3.68	1.80	2011
2012	2.39	2.29	2.46	9.78	29.30	43.80	24.40	8.00	4.39	3.70	4.02	2.95	11.46		Jun 06	70.70	3.63	2.01	2012
2013	2.39	2.16	2.67	5.91	31.20	47.90	17.60	8.73	5.58	5.18	3.51	2.34	11.29		Jun 20	277.00	5.36	1.58	2013
2014	2.27	1.86	2.08	4.81	26.20	35.80	13.60	5.72	7.01	4.38	3.04	2.51	9.13		May 24	63.30	5.00	1.77	2014
2015	2.34	2.43	3.42	7.20	16.50	17.50	6.65	4.62	4.37	3.64	2.77	2.21	6.15		Jun 03	35.00	4.04	1.71	2015
2016	2.33	1.90	2.22	11.60	16.50	11.80	8.01	5.62	3.78	4.92	4.63	2.45	6.32		Apr 24	23.94	3.65	1.59	2016
2017	2.71	2.04	2.54	5.81	26.90	27.00	8.33	4.06	2.83	2.85	2.83	1.81	7.50		Jun 01	51.91	2.69	1.26	2017
Avg.	2.17	2.00	2.32	5.39	20.8	28.6	12.68	6.09	4.56	4.00	3.22	2.38	7.86	8.04		70.07	3.88	1.58	m^3/s
S. D.	0.46	0.37	0.47	2.03	6.77	11.57	5.31	1.99	1.53	1.51	1.12	0.63	1.87			60.49	1.05	0.29	m^3/s
Normal	2.12	1.98	2.28	5.04	20.12	27.71	12.43	6.10	4.56	3.98	3.17	2.37	7.67	m^3/s					
Normal	9	8	10	21	87	116	54	26	19	17	13	10	391	mm	10-Year	125.99	2.73	1.16	m^3/s









GRAVE CREEK AT THE MOUTH 08NK019

Station Longitude Latitude: -114.86041 49.84298

Monthly and Annual Discharge in m^3/s | Drainage Area = 80.06 km^2 | Median Elevation = 1730 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
1981	0.33	0.36	0.56	1.36	4.94	4.00	2.11	1.15	0.78	0.69	0.50	0.38	1.44	May 25	9.12	0.729	0.266	1981
1982	0.34	0.45	0.39	0.90	3.53	3.65	1.40	0.66	0.55	0.49	0.40	0.38	1.10	May 26	6.85	0.500	0.309	1982
1983	0.35	0.35	0.35	0.95	2.85	2.38	1.07	0.60	0.43	0.37	0.42	0.29	0.87	May 29	5.81	0.407	0.281	1983
1984	0.35	0.31	0.32	0.70	1.69	3.20	1.17	0.56	0.46	0.40	0.40	0.36	0.83	May 31	4.81	0.434	0.288	1984
1985	0.31	0.25	0.28	1.05	2.85	1.85	0.64	0.46	0.48	0.50	0.54	0.37	0.80	May 22	4.82	0.398	0.223	1985
1986	0.32	0.38	0.70	1.35	3.81	2.99	0.87	0.54	0.50	0.59	0.46	0.42	1.08	May 28	10.30	0.452	0.279	1986
1987	0.34	0.31	0.50	1.54	3.58	1.27	0.67	0.45	0.34	0.29	0.26	0.22	0.82	May 09	6.41	0.310	0.174	1987
1988	0.15	0.17	0.19	1.03	2.71	2.19	0.66	0.39	0.33	0.34	0.33	0.22	0.73	Jun 07	4.45	0.302	0.137	1988
1989	0.23	0.22	0.25	1.16	2.64	2.22	0.80	0.48	0.45	0.42	0.54	0.35	0.81	May 09	4.64	0.397	0.171	1989
1990	0.28	0.23	0.42	1.75	3.09	4.36	1.72	0.91	0.57	0.55	0.81	0.45	1.26	May 30	7.65	0.506	0.164	1990
1991	0.43	0.51	0.50	1.66	4.78	4.89	2.30	0.81	0.57	0.45	0.40	0.35	1.47	May 19	10.60	0.520	0.288	1991
1992	0.27	0.30	0.65	1.23	2.07	1.29	1.39	0.76	0.54	0.48	0.47	0.44	0.83	May 07	3.55	0.500	0.245	1992
1993	0.26	0.25	0.25	0.54	2.49	2.28	2.14	1.08	0.75	0.59	0.44	0.42	0.96	Jun 02	5.24	0.700	0.174	1993
1994	0.25	0.26	0.45	1.62	3.21	1.79	0.79	0.50	0.40	0.38	0.35	0.31	0.86	May 13	5.31	0.369	0.204	1994
1995	0.34	0.27	0.38	0.83	3.40	5.82	1.56	0.76	0.52	0.52	0.61	0.41	1.29	Jun 07	24.10	0.459	0.233	1995
1996	0.39	0.38	0.46	1.44	2.90	6.38	2.42	0.89	0.61	0.54	0.45	0.37	1.43	Jun 09	11.10	0.567	0.242	1996
1997	0.27	0.28	0.42	1.09	4.46	4.45	1.20	0.61	0.51	0.52	0.37	0.30	1.21	May 17	10.20	0.474	0.208	1997
1998	0.33	0.28	0.33	0.84	3.31	2.15	0.96	0.55	0.42	0.39	0.37	0.34	0.86	May 27	10.70	0.412	0.244	1998
1999	0.26	0.25	0.38														0.221	1999
2000																		2000
2001																		2001
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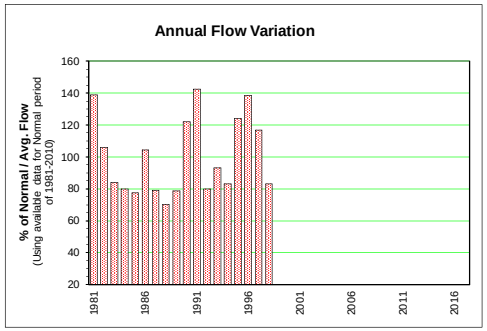
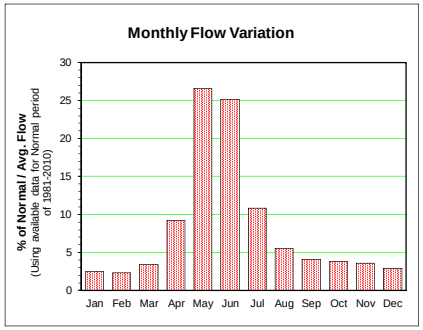
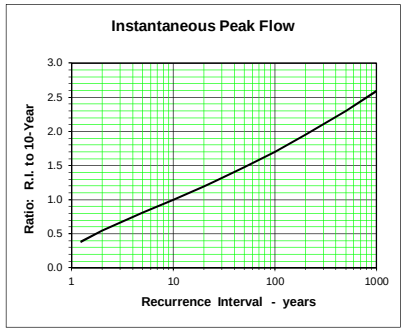
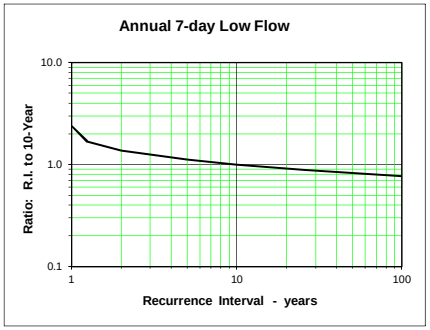
2015																		2015
2016																		2016
2017																		2017
Avg.	0.30	0.30	0.41	1.17	3.24	3.18	1.33	0.67	0.51	0.47	0.45	0.36	1.04	1.09		8.09	0.469	0.229	m^3/s
S. D.	0.06	0.08	0.13	0.35	0.87	1.52	0.59	0.22	0.12	0.10	0.12	0.07	0.25			4.74	0.113	0.049	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.30	0.30	0.41	1.17	3.24	3.18	1.33	0.67	0.51	0.47	0.45	0.36	1.04	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	9	14	38	108	103	44	23	17	16	15	12	408	mm	10-Year	13.1	0.352	0.165	m^3/s









FORDING RIVER BELOW CLODE CREEK 08NK021

Station Longitude Latitude: -114.88291 50.20121

Monthly and Annual Discharge in m^3/s | Drainage Area = 116.25 km^2 | Median Elevation = 2093 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
1981	0.26	0.17	0.29	0.90	7.55	7.17	5.26	1.73	0.78	0.51	0.30	0.20	2.11	May 26	23.70	0.613	0.141	1981
1982	0.14	0.13	0.13	0.47	4.68	7.45	2.39	0.82	0.71	0.57	0.27	0.22	1.50	Jun 14	13.10	0.589	0.119	1982
1983	0.17	0.15	0.20	0.96	4.32	4.11	2.21	0.81	0.49	0.33	0.35	0.14	1.19	May 29	12.50	0.390	0.129	1983
1984	0.16	0.14	0.18	0.89	2.43	6.82	2.23	0.75	0.53	0.53	0.28	0.17	1.25	May 30	13.70	0.452	0.129	1984
1985	0.15	0.12	0.23	1.02	5.90	3.99	1.27	0.86	1.33	0.77	0.43	0.29	1.37	May 21	11.40	0.630	0.108	1985
1986	0.22	0.20	0.37	1.34	7.26	6.91	1.98	1.02	0.88	0.93	0.54	0.31	1.84	May 28	33.10	0.653	0.165	1986
1987	0.22	0.22	0.32	1.89	6.90	2.62	1.94	1.18	0.59	0.40	0.33	0.18	1.41	May 09	15.00	0.477	0.145	1987
1988	0.15	0.14	0.17	1.10	4.71	4.77	1.14	0.76	0.38	0.45	0.29	0.20	1.19	Jun 08	16.20	0.340	0.119	1988
1989	0.17	0.17	0.19	0.96	4.44	5.94	2.01	1.01	1.10	0.55	0.52	0.39	1.46	Jun 06	13.70	0.684	0.153	1989
1990	0.28	0.26	0.45	2.02	6.86	10.80	4.94	1.91	0.77	0.63	0.54	0.39	2.49	May 29	29.10	0.566	0.253	1990
1991	0.29	0.26	0.44	1.65	7.88	10.10	5.29	1.75	0.85	0.56	0.40	0.31	2.49	May 21	22.80	0.806	0.241	1991
1992	0.27	0.25	0.76	1.62	3.95	3.67	3.30	1.18	1.13	0.97	0.58	0.35	1.51	Jul 09	11.10	0.862	0.242	1992
1993	0.32	0.27	0.37	0.75	6.13	5.61	5.49	2.36	1.98	1.04	0.63	0.51	2.13	Jun 01	23.40	1.494	0.232	1993
1994	0.36	0.26	0.46	1.80	5.46	3.87	1.57	0.90	0.60	0.42	0.31	0.26	1.36	May 12	12.10	0.460	0.229	1994
1995	0.21	0.20	0.31	0.63	4.48	13.10	4.45	1.36	0.79					Jun 06	72.19	0.699	0.168	1995
1996																		1996
1997																		1997
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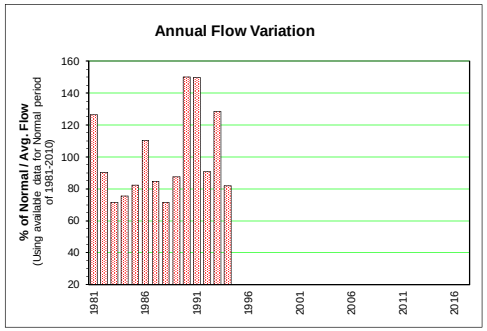
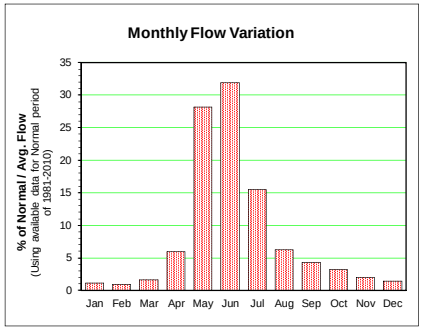
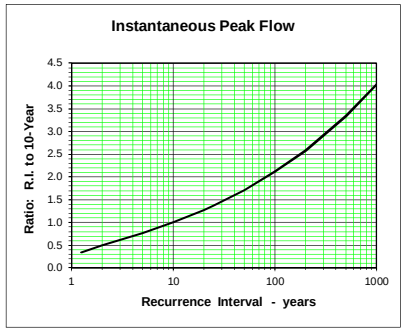
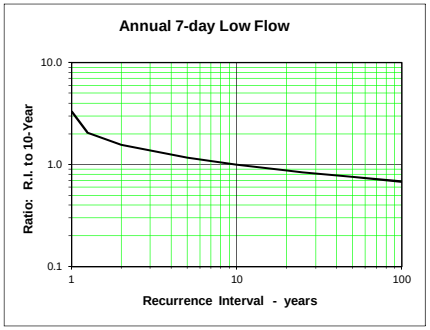
Avg.	0.224	0.195	0.324	1.200	5.530	6.462	3.031	1.226	0.859	0.619	0.410	0.280	1.664	1.74		21.54	0.648	0.172	m^3/s
S. D.	0.069	0.056	0.162	0.487	1.558	2.960	1.597	0.494	0.403	0.225	0.126	0.104	0.462			15.62	0.276	0.053	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.224	0.195	0.324	1.200	5.530	6.462	3.031	1.226	0.859	0.619	0.410	0.280	1.664	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5	4	7	27	127	144	70	28	19	14	9	6	452	mm	10-Year	37.5	0.411	0.114	m^3/s







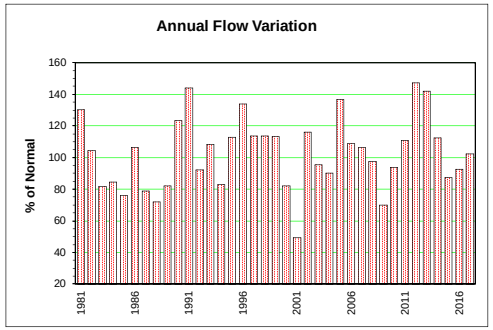


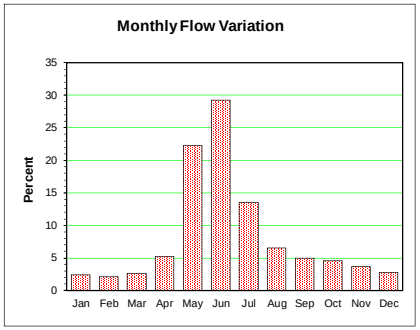
LINE CREEK AT THE MOUTH 08NK022

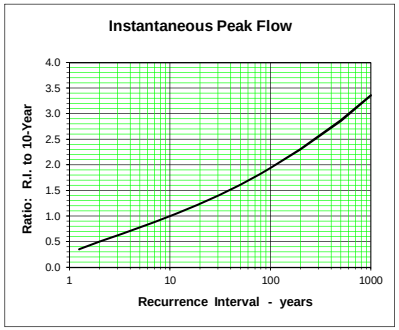
Station Longitude Latitude: -114.83339 49.89161

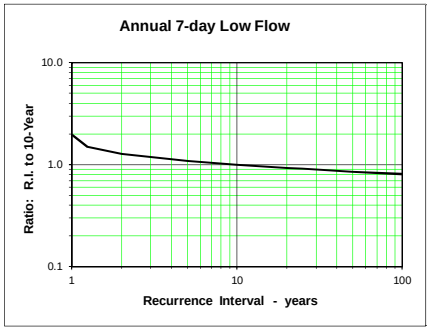
Monthly and Annual Discharge in m^3/s | Drainage Area = 137.60 km^2 | Median Elevation = 1974 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.63	0.51	0.58	1.15	8.73	8.32	5.92	2.13	1.18	0.96	0.73	0.59	2.63	May 25	32.30	1.06	0.44	1981
1982	0.57	0.76	0.53	0.75	5.23	9.31	2.94	1.40	1.25	1.17	0.78	0.59	2.11	May 26	14.60	1.17	0.46	1982
1983	0.55	0.53	0.49	1.13	4.91	5.16	2.86	1.30	0.86	0.69	0.77	0.51	1.65	May 26	13.10	0.78	0.47	1983
1984	0.52	0.43	0.45	0.96	2.83	7.81	2.94	1.33	0.98	1.01	0.75	0.56	1.71	May 30	20.30	0.87	0.39	1984
1985	0.48	0.37	0.39	1.12	5.30	4.40	1.43	1.02	1.51	0.99	0.76	0.58	1.53	Jun 07	15.30	0.91	0.34	1985
1986	0.48	0.47	0.63	1.49	8.10	7.31	2.06	1.03	1.04	1.57	0.88	0.66	2.15	May 29	48.20	0.80	0.35	1986
1987	0.50	0.40	0.51	1.79	6.53	3.06	2.56	1.32	0.78	0.60	0.49	0.44	1.59	May 09	12.70	0.70	0.32	1987
1988	0.34	0.35	0.39	1.21	5.01	5.56	1.44	0.87	0.63	0.66	0.57	0.44	1.46	Jun 07	17.20	0.60	0.29	1988
1989	0.40	0.43	0.53	1.05	4.26	5.95	2.21	1.13	1.44	0.86	0.93	0.68	1.66	Jun 07	14.65	0.92	0.36	1989
1990	0.63	0.53	0.54	1.92	5.87	9.11	4.84	2.25	1.17	1.14	1.14	0.71	2.49	May 29	22.70	0.97	0.47	1990
1991	0.70	0.71	0.61	1.68	8.29	11.10	5.98	2.16	1.32	0.95	0.73	0.62	2.91	May 19	20.50	1.24	0.52	1991
1992	0.59	0.62	0.90	1.79	4.32	3.94	4.20	1.68	1.29	1.23	0.96	0.74	1.86	Jul 09	10.50	1.23	0.54	1992
1993	0.50	0.48	0.54	0.78	5.22	5.93	5.52	2.74	1.80	1.18	0.81	0.69	2.19	Jun 01	16.50	1.59	0.37	1993
1994	0.60	0.54	0.70	1.97	5.51	4.72	2.03	1.10	0.84	0.75	0.67	0.56	1.67	May 11	9.57	0.78	0.44	1994
1995	0.47	0.53	0.55	0.65	3.82	11.40	4.36	1.68	1.08	1.00	0.98	0.81	2.28	Jun 07	48.60	0.99	0.41	1995
1996	0.64	0.60	0.68	1.71	4.17	12.80	5.66	1.79	1.24	1.56	0.92	0.75	2.71	Jun 09	26.10	1.10	0.50	1996
1997	0.67	0.62	0.77	1.39	6.74	9.50	2.76	1.46	1.20	1.06	0.77	0.58	2.30	Jun 01	19.10	1.09	0.50	1997
1998	0.57	0.63	0.67	1.41	8.85	7.98	3.02	1.51	0.93	0.76	0.62	0.52	2.30	May 31	17.60	0.88	0.35	1998
1999	0.46	0.48	0.67	1.57	4.93	7.46	3.78	1.89	1.02	0.98	2.91	1.25	2.29	May 25	16.90	0.91	0.41	1999
2000	0.80	0.68	0.69	1.55	4.68	4.95	2.27	1.17	1.16	0.81	0.58	0.54	1.66	May 23	8.79	0.98	0.45	2000
2001	0.54	0.47	0.44	0.63	2.80	2.75	1.24	0.72	0.61	0.59	0.60	0.56	1.00	May 25	6.32	0.60	0.42	2001
2002	0.52	0.53	0.54	0.70	4.03	12.00	4.34	1.72	1.32	1.11	0.78	0.59	2.35	Jun 17	19.10	1.18	0.49	2002
2003	0.46	0.43	0.67	1.50	4.98	7.42	2.31	1.18	0.97	1.39	1.07	0.69	1.93	May 29	15.50	0.95	0.40	2003
2004	0.59	0.59	0.75	1.64	3.06	4.26	2.65	2.42	2.15	1.32	1.28	1.11	1.82	Jun 06	5.70	1.69	0.46	2004
2005	0.81	0.83	0.97	1.37	4.75	9.79	3.61	2.14	2.54	3.02	1.89	1.35	2.76	Jun 11	12.90	1.73	0.57	2005
2006	1.07	0.75	0.76	1.63	7.12	7.08	2.28	1.46	1.22	1.04	1.06	0.83	2.20	May 20	15.90	1.18	0.52	2006
2007	0.59	0.58	0.99	1.57	7.21	7.90	2.49	1.20	0.89	1.06	0.73	0.55	2.15	Jun 05	14.70	0.83	0.41	2007
2008	0.49	0.56	0.62	0.89	5.98	7.58	2.96	1.29	1.09	0.96	0.73	0.47	1.97	May 20	13.80	1.02	0.33	2008
2009	0.45	0.49	0.56	0.93	2.81	4.19	2.37	1.81	1.09	0.88	0.80	0.51	1.41	May 30	9.49	0.97	0.34	2009
2010	0.60	0.58	0.65	1.15	3.11	7.42	3.29	1.54	1.68	1.26	0.75	0.71	1.90	Jun 25	10.70	1.14	0.44	2010
2011	0.64	0.57	0.62	0.71	4.14	10.10	4.70	1.63	1.17	1.05	0.84	0.66	2.24	Jun 08	12.80	1.11	0.50	2011
2012	0.59	0.60	0.62	1.96	6.51	12.30	6.43	2.03	1.26	1.10	1.30	1.00	2.97	Jun 06	21.30	1.12	0.52	2012
2013	0.70	0.66	0.77	1.28	8.30	11.40	4.33	2.05	1.60	1.47	1.07	0.76	2.87	Jun 20	41.50	1.44	0.64	2013
2014	0.62	0.56	0.80	1.20	5.81	7.59	3.42	1.83	2.16	1.42	1.17	0.64	2.27	May 24	16.29	1.67	0.43	2014
2015	0.64	0.74	0.90	1.68	4.25	4.86	2.02	1.62	1.60	1.20	0.94	0.72	1.77	Jun 02	12.30	1.45	0.53	2015
2016	0.48	0.54	0.73	4.26	5.06	3.66	1.95	1.30	1.00	1.40	1.36	0.69	1.87	Apr 24	11.62	0.97	0.43	2016
2017	0.56	0.54	0.66	0.91	7.11	7.65	2.37	1.19	0.94	1.01	0.98	0.78	2.06	Jun 01	15.47	0.89	0.42	2017
Avg.	0.58	0.56	0.64	1.38	5.4	7.4	3.28	1.57	1.24	1.11	0.95	0.69	2.07	2.11		17.85	1.07	0.44	m^3/s
S. D.	0.13	0.11	0.15	0.63	1.71	2.76	1.39	0.46	0.42	0.41	0.43	0.20	0.46			10.01	0.29	0.08	m^3/s
Normal	0.57	0.55	0.63	1.30	5.31	7.21	3.21	1.55	1.21	1.09	0.91	0.67	2.02	m^3/s					
Normal	11	10	12	25	103	136	62	30	23	21	17	13	463	mm	10-Year	31.36	0.75	0.33	m^3/s









ELK RIVER BELOW WEARY CREEK 08NK027

Station Longitude Latitude: -114.92318 50.38257

Monthly and Annual Discharge in m^3/s | Drainage Area = 332.97 km^2 | Median Elevation = 2089 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
1981																		1981
1982	1.11	0.82	0.60	0.76	6.46	29.00	14.50	8.71	6.25	3.00	1.64	1.45	6.20	Jun 16	44.90	4.53	0.47	1982
1983	1.00	0.85	0.91	2.09	13.30	19.00	15.40	9.02	4.56	1.92	1.96	1.23	5.97	May 30	38.90	3.21	0.79	1983
1984	1.13	0.92	0.94	2.13	6.53	22.30	13.70	9.03	4.38	2.60	1.39	1.15	5.52	Jun 30	32.30	3.61	0.85	1984
1985	0.98	0.72	0.82	1.91	14.90	18.70	11.70	7.22	6.23	3.62	2.97	2.25	6.03	May 26	35.30	4.77	0.59	1985
1986	1.14	0.93	1.26	3.57	18.80	33.60	15.10	8.60	4.83	3.78	2.09	1.32	7.94	May 29	64.00	3.18	0.74	1986
1987	1.04	0.97	0.97	3.32	20.00	16.90	10.90	8.21	4.80	2.30	1.45	1.14	6.03	May 13	36.40	3.80	0.87	1987
1988	0.84	0.82	0.79	2.52	14.00	22.50	10.60	7.43	4.36	3.75	2.13	1.40	5.94	Jun 08	43.60	3.26	0.74	1988
1989	0.95	0.82	0.71	1.69	11.40	24.10	12.80	8.38	5.05	2.64	2.31	1.55	6.05	Jun 10	38.90	3.55	0.64	1989
1990	1.06	0.77	0.99	3.49	14.00	28.80	21.20	11.30	5.69	3.78	2.69	1.38	7.96	May 30	52.90	4.42	0.65	1990
1991	1.20	1.21	1.04	2.23	17.80	29.60	25.90	14.20	5.81	2.98	1.64	1.22	8.79	Jun 12	42.10	4.29	0.95	1991
1992	1.17	1.12	1.14	3.38	13.60	19.80	15.80	8.34	5.30	4.20	2.49	1.18	6.48	Jul 09	29.00	4.91	0.92	1992
1993	1.13	1.07	1.04	1.91	16.80	17.40	16.80	9.13	5.32	3.18	1.86	1.57	6.48	Jun 02	50.10	3.92	0.91	1993
1994	1.21	0.87	1.14	4.08	17.00	21.50	14.50	8.47	4.51	2.56	1.64	1.40	6.61	Jun 07	34.30	3.91	0.74	1994
1995	1.04	0.75	0.88	1.30	9.05	34.00	19.30	9.22	5.79	3.43	2.32	2.07	7.45	Jun 07	83.40	3.77	0.64	1995
1996	1.42	1.19	1.11	2.96	9.68									Jun 09	66.00		0.93	1996
1997																		1997
1998																		1998
1999																		1999
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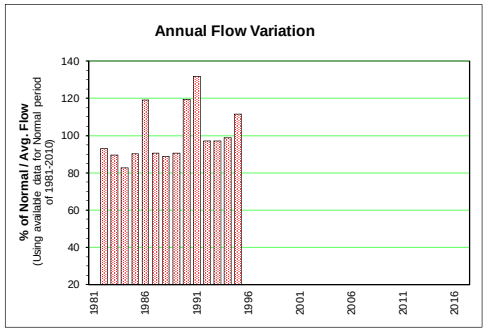
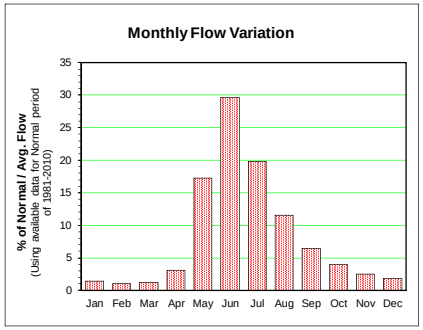
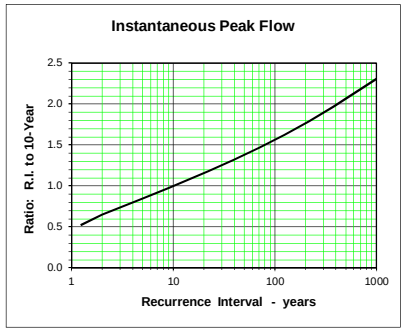
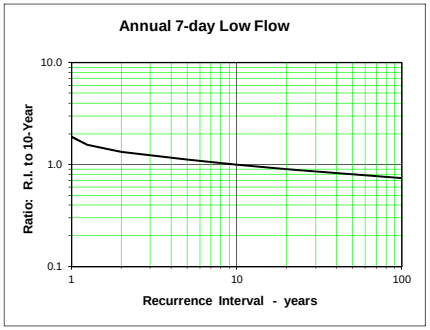
Avg.	1.10	0.92	0.96	2.49	13.55	24.09	15.59	9.09	5.21	3.12	2.04	1.45	6.67	6.67		46.14	3.94	0.76	m^3/s
S. D.	0.13	0.16	0.18	0.94	4.24	5.87	4.20	1.75	0.66	0.66	0.48	0.33	0.97			14.95	0.57	0.14	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.10	0.92	0.96	2.49	13.55	24.09	15.59	9.09	5.21	3.12	2.04	1.45	6.67	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9	7	8	19	109	187	125	73	41	25	16	12	632	mm	10-Year	65.5	3.250	0.572	m^3/s









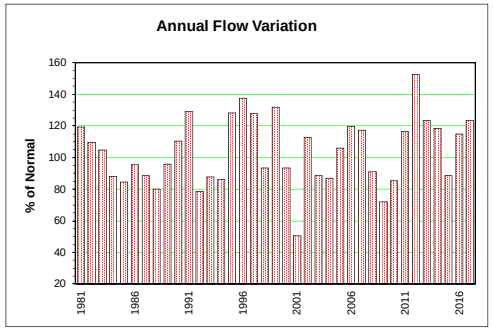
ZONE 20 - CENTRAL KOOTENAY BASIN

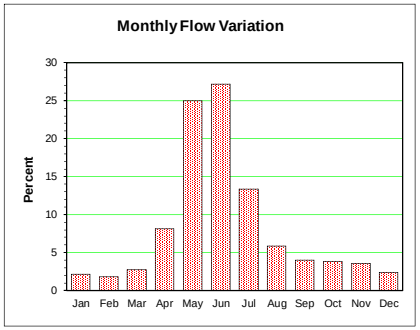
BULL RIVER NEAR WARDNER 08NG002

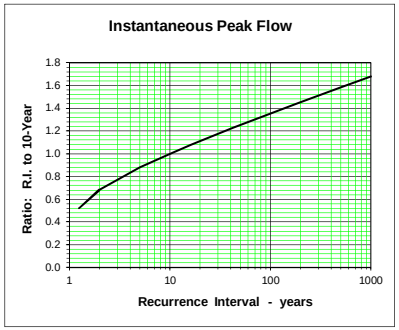
Station Longitude Latitude: -115.36582 49.49334

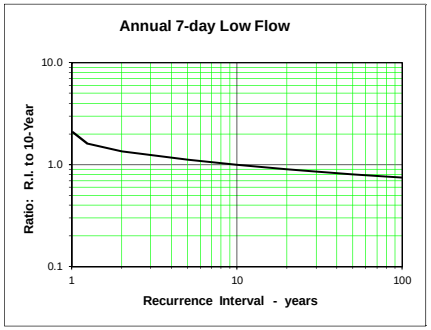
Monthly and Annual Discharge in m^3/s | Drainage Area = 1499.46 km^2 | Median Elevation = 1783 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	12.70	9.69	12.50	32.40	120.00	95.40	73.40	28.20	15.20	14.00	10.20	8.45	36.20	May 26	260.00	13.64	7.13	1981
1982	7.18	9.74	8.11	16.60	95.00	133.00	51.40	24.00	17.50	15.20	10.80	8.49	33.15	May 26	226.00	15.44	5.40	1982
1983	7.66	7.33	10.50	30.60	95.50	91.50	61.60	22.80	13.10	10.10	20.30	7.78	31.68	May 30	231.00	10.91	5.97	1983
1984	11.00	7.25	8.46	23.80	53.70	110.00	49.70	19.30	13.00	10.30	8.27	6.63	26.76	May 31	187.00	12.30	5.46	1984
1985	6.08	5.41	5.36	23.20	91.90	75.00	26.20	15.70	19.00	15.80	13.10	9.24	25.59	Jun 08	213.00	12.13	4.35	1985
1986	6.89	7.76	16.40	32.20	89.00	89.70	31.50	15.80	13.50	19.40	14.70	9.68	28.96	May 29	286.00	11.09	4.82	1986
1987	7.02	6.46	14.30	47.10	114.00	59.10	28.80	15.90	9.84	7.36	6.11	5.01	26.88	May 01	270.00	8.74	3.51	1987
1988	4.59	4.12	5.17	31.60	82.10	81.20	27.00	13.50	10.30	13.70	11.60	5.96	24.24	May 13	169.00	8.69	3.55	1988
1989	6.17	5.32	5.69	29.20	85.60	97.60	37.60	20.90	18.10	12.00	19.60	10.50	29.09	Jun 07	176.00	11.79	4.49	1989
1990	7.94	6.78	7.78	43.50	78.80	122.00	57.00	22.20	11.40	11.30	19.00	12.90	33.43	May 30	217.00	9.58	6.20	1990
1991	9.09	11.20	8.85	35.70	117.00	134.00	84.90	28.10	14.30	9.52	7.93	6.47	39.05	Jun 11	249.00	12.00	5.57	1991
1992	6.15	6.31	11.90	36.10	79.80	55.50	33.40	15.70	12.40	11.90	8.77	6.46	23.75	May 08	152.00	10.69	5.08	1992
1993	5.40	4.45	5.99	16.50	92.50	65.90	58.60	25.00	16.30	11.60	7.90	7.30	26.63	May 15	200.00	14.77	3.91	1993
1994	6.19	5.20	8.74	43.40	91.10	79.90	33.00	14.00	9.24	8.20	7.08	6.21	26.10	May 13	173.00	8.04	4.34	1994
1995	5.34	7.68	12.60	20.10	83.70	147.00	67.40	31.50	15.80	20.30	28.00	24.90	38.79	Jun 07	379.00	12.21	3.92	1995
1996	12.30	11.50	11.80	47.70	85.60	168.00	85.80	30.40	15.80	14.00	9.76	7.47	41.64	Jun 09	340.00	14.86	5.93	1996
1997	7.90	6.61	16.10	33.00	123.00	139.00	52.50	23.70	21.90	19.20	12.40	8.24	38.75	Jun 01	385.00	16.41	5.75	1997
1998	7.31	6.17	8.03	30.60	115.00	80.20	34.90	17.60	10.60	9.95	9.03	7.92	28.24	May 27	241.00	10.04	4.65	1998
1999	6.87	5.93	9.73	31.30	89.40	129.00	81.60	37.20	14.70	12.30	44.40	15.20	39.92	May 26	292.00	11.59	5.50	1999
2000	9.59	8.22	9.52	38.70	82.30	88.20	46.80	18.70	13.60	11.10	7.61	5.14	28.30	May 23	160.00	11.37	3.30	2000
2001	5.46	4.50	5.00	10.20	50.70	44.20	21.90	11.40	8.33	6.90	8.81	5.50	15.27	May 25	130.00	7.93	3.65	2001
2002	6.89	5.74	5.95	24.30	90.30	161.00	60.10	19.20	12.90	10.30	6.86	6.08	34.18	May 22	269.00	10.59	3.83	2002
2003	5.64	5.05	9.27	31.40	73.00	102.00	35.00	14.60	10.40	17.10	10.70	6.93	26.81	May 30	218.00	9.59	4.33	2003
2004	6.76	5.31	8.18	36.30	55.90	61.30	36.80	25.70	35.60	17.90	13.30	13.40	26.37	Jun 06	109.00	15.36	3.96	2004
2005	13.40	13.70	13.50	29.60	77.20	92.60	39.20	18.90	18.40	38.90	19.20	9.73	32.09	May 17	152.00	12.90	5.21	2005
2006	12.20	8.11	9.16	39.70	141.00	120.00	38.10	16.40	11.20	8.88	21.10	8.55	36.30	May 19	333.00	10.54	5.34	2006
2007	7.13	6.54	28.30	39.80	113.00	125.00	48.40	17.00	11.40	12.90	8.37	7.25	35.54	Jun 06	265.00	10.54	4.76	2007
2008	5.89	5.44	5.49	10.60	99.40	94.50	46.70	20.80	13.30	12.00	9.92	6.52	27.62	May 21	295.00	11.71	4.46	2008
2009	5.66	5.33	5.20	14.70	59.00	76.40	37.20	22.20	11.50	9.56	8.90	4.45	21.74	May 31	184.00	9.49	2.74	2009
2010	6.41	5.38	6.68	22.00	53.20	92.80	41.60	18.10	22.00	15.10	16.30	9.79	25.81	May 19	166.00	13.06	4.19	2010
2011	9.50	7.82	7.12	11.30	86.60	149.00	81.40	26.50	13.20	13.30	9.25	7.48	35.32	Jun 30	213.00	11.13	5.82	2011
2012	6.26	5.82	8.12	45.80	108.00	184.00	99.20	28.80	14.20	15.10	22.50	16.80	46.21	Jun 06	318.00	12.10	5.15	2012
2013	8.92	7.84	12.00	33.90	122.00	131.00	55.00	21.90	17.90	17.00	11.60	8.14	37.38	Jun 20	455.00	14.40	6.60	2013
2014	7.09	6.18	9.36	23.70	121.00	123.00	54.00	19.80	16.90	13.90	19.00	15.80	35.95	May 24	265.00	13.54	3.78	2014
2015	10.10	21.20	26.40	35.90	71.10	72.90	23.20	12.70	13.40	10.10	14.50	11.10	26.85	Jun 03	186.00	11.10	8.17	2015
2016	8.80	8.66	13.00	73.90	92.50	70.40	35.40	15.60	12.10	40.30	35.50	10.80	34.74	Apr 23	147.00	10.87	7.00	2016
2017	7.12	8.29	21.50	40.10	133.00	130.00	47.80	17.70	10.70	9.80	12.50	8.06	37.33	May 24	276.00	9.22	3.58	2017
Avg.	7.75	7.41	10.59	31.53	92.2	104.6	49.30	20.74	14.57	14.22	14.19	9.09	31.42	32.60		237.49	11.63	4.90	m^3/s
S. D.	2.25	3.13	5.47	12.52	22.84	34.03	19.45	5.88	4.86	7.01	8.19	4.01	6.44			77.42	2.13	1.20	m^3/s
Normal	7.63	6.94	9.81	30.06	89.26	100.37	47.60	20.82	14.69	13.56	13.33	8.61	30.30	m^3/s					
Normal	14	11	18	52	159	173	85	37	25	24	23	15	638	mm	10-Year	330.78	9.22	3.68	m^3/s









ST. MARY RIVER AT WYCLIFFE 08NG012

Station Longitude Latitude: -115.86291 49.59993

Monthly and Annual Discharge in m^3/s | Drainage Area = 2395.46 km^2 | Median Elevation = 1822 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
1981	19.50	12.90	14.60	32.10	186.00	180.00	166.00	50.10	19.80	23.30	16.40	11.00	61.36	May 26	396.00	15.89	9.21	1981
1982	8.46	9.49	9.66	17.00	131.00	277.00	109.00	50.10	32.60	31.90	18.60	12.40	59.04	Jun 15	417.00	26.39	6.89	1982
1983	11.40	10.20	12.30	36.70	151.00	176.00	109.00	38.20	24.10	13.70	25.90	11.60	51.86	May 30	406.00	16.86	9.01	1983
1984	13.00	9.72	10.60	28.30	61.50	223.00	114.00	32.10	19.80	15.90	12.10	9.53	45.72	Jun 16	373.00	18.51	8.36	1984
1985	6.37	6.05	6.92	28.70	161.00	149.00	43.30	18.60	30.30	24.00	18.70	10.30	42.07	May 25	372.00	12.91	5.17	1985
1986	9.07	8.46	17.00	46.80	153.00	195.00	69.00	23.00	16.60	22.30	18.80	11.60	49.33	May 29	533.00	14.77	7.30	1986
1987	8.07	7.64	11.30	48.30	187.00	113.00	45.50	19.30	10.90	8.22	7.78	6.94	39.70	May 13	374.00	9.32	5.84	1987
1988	5.55	5.66	6.74	41.20	137.00	160.00	56.50	22.80	17.00	33.70	24.60	12.00	43.58	Jun 08	288.00	13.50	5.36	1988
1989	9.14	7.84	8.99	39.60	143.00	201.00	72.00	40.00	27.80	18.30	35.40	17.50	51.81	Jun 07	351.00	17.19	6.91	1989
1990	12.80	9.86	10.10	61.80	116.00	226.00	129.00	36.40	17.40	23.20	34.20	20.10	58.17	Jun 11	348.00	12.63	9.09	1990
1991	13.30	12.40	11.00	42.60	169.00	235.00	184.00	52.40	19.70	11.50	10.80	9.25	64.53	Jun 12	397.00	14.60	8.55	1991
1992	7.97	8.20	16.60	49.10	145.00	116.00	49.50	20.40	15.10	17.30	12.20	8.61	38.90	May 08	274.00	13.04	7.15	1992
1993	6.75	5.86	6.83	16.20	151.00	105.00	67.80	32.10	20.40	15.30	10.80	10.20	37.60	May 15	336.00	18.37	5.36	1993
1994	8.30	6.19	10.80	66.30	151.00	145.00	65.60	18.30	11.00	9.67	8.39	7.89	42.50	May 13	286.00	8.50	6.01	1994
1995	6.37	7.79															5.74	1995
1996																		1996
1997																		1997
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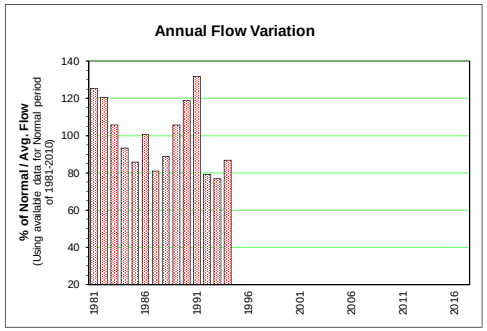
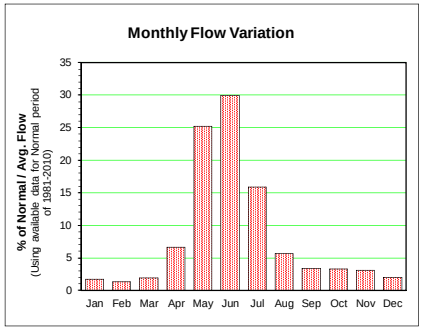
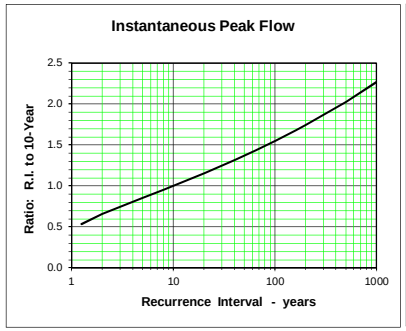
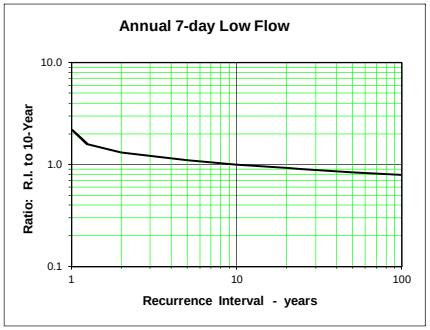
Avg.	9.74	8.55	10.96	39.62	145.89	178.64	91.44	32.41	20.18	19.16	18.19	11.35	49.01	51.21		367.93	15.18	7.06	m^3/s
S. D.	3.69	2.23	3.29	14.69	31.03	51.03	44.87	12.46	6.55	7.69	8.96	3.57	8.96			65.89	4.41	1.47	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9.74	8.55	10.96	39.62	145.89	178.64	91.44	32.41	20.18	19.16	18.19	11.35	49.01	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	11	9	12	43	163	193	102	36	22	21	20	13	646	mm	10-Year	568.2	10.698	5.326	m^3/s









ST. MARY RIVER NEAR MARYSVILLE 08NG046

Station Longitude Latitude: -116.16927 49.60828

Monthly and Annual Discharge in m^3/s | Drainage Area = 1479.07 km^2 | Median Elevation = 1918 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
1981	15.30	10.10	11.10	23.90	137.00	134.00	138.00	42.00	17.60	20.10	13.90	9.89	48.05	May 26	328.00	14.56	7.80	1981
1982	7.82	7.90	7.27	12.30	93.20	211.00	88.50	41.20	26.10	25.90	15.50	10.40	45.67	Jun 16	324.00	21.33	5.92	1982
1983	8.35	6.91	8.43	27.30	108.00	135.00	89.30	30.90	19.70	11.10	19.90	9.15	39.65	May 30	308.00	13.96	6.36	1983
1984	10.30	7.67	7.98	21.70	43.00	169.00	94.70	26.40	15.50	11.70	8.81	7.39	35.30	Jun 16	304.00	13.96	6.91	1984
1985	5.40	4.54	4.83	22.50	124.00	115.00	35.00	15.40	23.00	17.10	14.40	8.25	32.56	May 25	301.00	10.69	4.09	1985
1986	6.81	6.33	12.10	33.70	115.00	161.00	58.90	20.10	13.70	18.20	14.90	9.28	39.26	May 29	445.00	11.99	5.63	1986
1987	6.50	6.06	8.47	35.90	144.00	97.40	38.30	15.90	9.22	6.50	5.77	5.57	31.78	May 13	294.00	7.81	4.80	1987
1988	4.51	4.33	5.10	33.40	109.00	133.00	49.70	18.60	13.10	27.60	18.30	10.40	35.61	Jun 08	231.00	10.28	4.20	1988
1989	8.45	7.02	6.37	29.90	102.00	155.00	59.60	34.40	23.50	14.80	28.90	14.30	40.42	Jun 07	265.00	14.24	6.08	1989
1990	9.65	7.67	7.38	45.70	85.30	173.00	104.00	30.00	13.90	17.70	25.00	14.40	44.56	Jun 25	274.00	9.57	6.84	1990
1991	9.85	9.43	8.63	29.30	121.00	180.00	154.00	42.90	15.50	8.94	7.83	6.65	49.74	Jun 12	308.00	11.30	6.04	1991
1992	5.78	6.08	12.10	35.30	118.00	99.20	38.60	15.60	12.50	14.70	9.84	6.90	31.27	May 08	229.00	10.59	5.13	1992
1993	5.41	4.74	5.29	12.00	120.00	84.00	49.40	23.20	15.30	11.40	7.86	7.14	29.00	May 15	268.00	13.97	4.35	1993
1994	6.00	4.70	6.24	49.40	112.00	119.00	54.60	15.30	9.05	7.76	6.81	6.23	33.18	May 13	204.80	6.83	4.56	1994
1995	5.09	5.71	7.71															1995
1996																		1996
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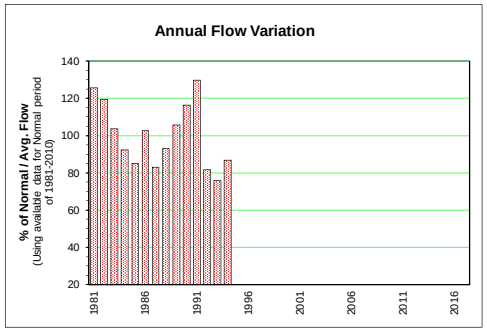
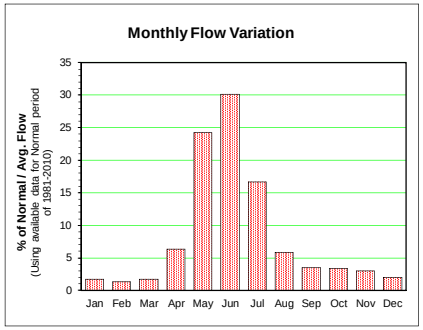
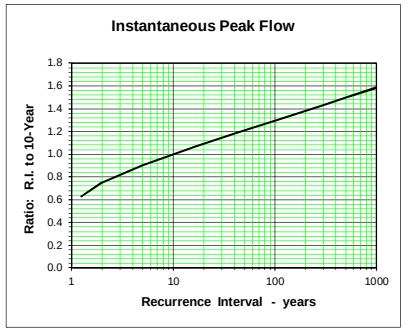
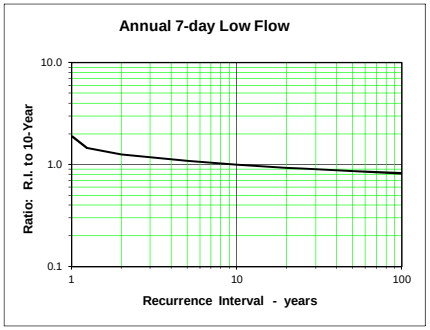
2016																		2016
2017																		2017
Avg.	7.68	6.61	7.93	29.45	109.39	140.40	75.19	26.56	16.26	15.25	14.12	9.00	38.29	40.37		291.70	12.22	5.62	m^3/s
S. D.	2.81	1.74	2.34	10.79	24.56	36.19	37.52	10.43	5.18	6.36	7.01	2.75	6.68			57.77	3.58	1.14	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.68	6.61	7.93	29.45	109.39	140.40	75.19	26.56	16.26	15.25	14.12	9.00	38.29	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	14	11	14	52	198	246	136	48	28	28	25	16	817	mm	10-Year	403.5	8.532	4.376	m^3/s







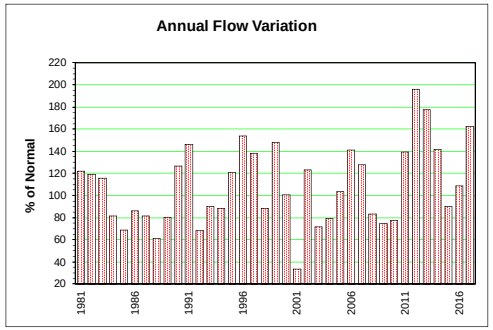


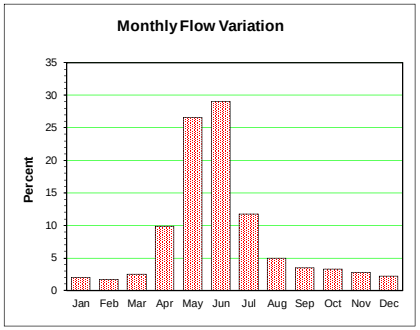
MATHER CREEK BELOW HOULE CREEK 08NG076

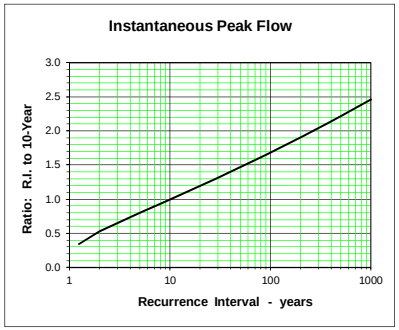
Station Longitude Latitude: -115.89673 49.71361

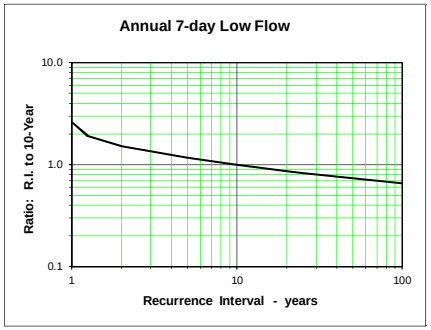
Monthly and Annual Discharge in m^3/s | Drainage Area = 137.25 km^2 | Median Elevation = 1469 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.48	0.33	0.51	1.63	5.58	4.34	2.25	1.09	0.58	0.54	0.43	0.34	1.52		May 26	10.50	0.49	0.23	1981
1982	0.23	0.25	0.24	0.59	4.74	6.26	2.40	0.86	0.76	0.76	0.36	0.28	1.48		Jun 15	9.18	0.53	0.18	1982
1983	0.32	0.52	0.62	2.13	5.05	4.23	1.81	0.81	0.54	0.43	0.51	0.28	1.44		May 30	11.20	0.46	0.21	1983
1984	0.32	0.25	0.34	0.89	1.56	4.81	1.90	0.67	0.42	0.35	0.37	0.30	1.01		Jun 16	8.23	0.39	0.23	1984
1985	0.23	0.20	0.24	1.00	3.04	2.56	0.74	0.44	0.59	0.53	0.36	0.29	0.85		May 25	5.57	0.34	0.18	1985
1986	0.25	0.23	0.47	1.23	3.26	3.74	1.23	0.54	0.50	0.53	0.42	0.38	1.07		May 31	12.60	0.41	0.20	1986
1987	0.32	0.30	0.47	1.85	4.79	1.84	0.92	0.51	0.33	0.30	0.27	0.22	1.01		May 01	9.49	0.27	0.17	1987
1988	0.17	0.18	0.20	1.14	2.50	2.48	0.78	0.44	0.35	0.36	0.33	0.25	0.76		Jun 08	4.65	0.28	0.16	1988
1989	0.24	0.21	0.16	1.01	3.16	3.62	0.99	0.72	0.62	0.51	0.43	0.31	1.00		Jun 06	6.94	0.48	0.12	1989
1990	0.31	0.27	0.29	1.72	3.54	8.16	2.16	0.74	0.44	0.45	0.50	0.36	1.58		Jun 02	12.20	0.36	0.24	1990
1991	0.27	0.27	0.29	2.23	6.21	6.61	3.29	0.91	0.55	0.41	0.39	0.34	1.82		May 21	10.60	0.46	0.23	1991
1992	0.26	0.26	0.47	1.36	2.51	1.75	1.40	0.67	0.45	0.40	0.35	0.26	0.85		May 08	4.10	0.42	0.20	1992
1993	0.23	0.21	0.23	0.93	2.58	2.34	2.96	1.46	0.85	0.67	0.47	0.45	1.12		Jun 01	7.96	0.79	0.15	1993
1994	0.32	0.29	0.36	2.57	3.84	2.80	1.08	0.51	0.37	0.37	0.32	0.30	1.10		May 13	6.76	0.31	0.24	1994
1995	0.21	0.16	0.33	1.36	4.01	6.05	2.85	0.98	0.56	0.54	0.47	0.42	1.50		Jun 06	12.40	0.48	0.14	1995
1996	0.38	0.34	0.26	2.14	5.03	8.78	2.94	1.01	0.71	0.62	0.46	0.34	1.91		Jun 07	16.60	0.66	0.23	1996
1997	0.34	0.30	0.42	1.60	7.01	6.75	1.49	0.70	0.62	0.61	0.42	0.30	1.72		Jun 05	14.30	0.56	0.27	1997
1998	0.28	0.24	0.38	1.23	4.08	2.91	1.64	0.71	0.47	0.43	0.44	0.34	1.10		May 27	7.41	0.44	0.21	1998
1999	0.33	0.32	0.41	2.18	5.41	6.38	3.29	1.15	0.63	0.55	0.86	0.52	1.84		Jun 18	10.40	0.54	0.30	1999
2000	0.38	0.37	0.45	2.42	4.01	3.76	1.45	0.65	0.53	0.40	0.30	0.28	1.25		May 04	6.35	0.45	0.26	2000
2001	0.21	0.17	0.16	0.41	1.27	1.18	0.58	0.26	0.19	0.19	0.21	0.18	0.42		May 25	2.77	0.18	0.15	2001
2002	0.24	0.21	0.25	1.06	4.46	8.63	1.81	0.49	0.27	0.39	0.31	0.24	1.53		May 22	19.50	0.18	0.16	2002
2003	0.25	0.26	0.33	1.17	2.85	2.83	0.91	0.45	0.41	0.49	0.38	0.33	0.89		May 24	6.61	0.34	0.22	2003
2004	0.28	0.27	0.36	1.98	2.37	2.52	1.09	0.63	0.81	0.59	0.47	0.42	0.98		Jun 06	5.74	0.52	0.26	2004
2005	0.39	0.39	0.45	1.36	2.98	4.59	1.72	0.88	0.73	0.75	0.62	0.55	1.29		Jun 18	10.70	0.62	0.31	2005
2006	0.47	0.36	0.44	2.20	7.36	5.14	1.92	0.76	0.59	0.50	0.73	0.46	1.75		May 19	16.30	0.48	0.24	2006
2007	0.35	0.34	1.17	3.19	5.39	5.23	1.40	0.60	0.39	0.42	0.29	0.30	1.59		Jun 05	12.90	0.35	0.19	2007
2008	0.21	0.22	0.23	0.52	4.27	3.78	1.25	0.57	0.43	0.39	0.32	0.23	1.04		May 21	9.85	0.34	0.16	2008
2009	0.22	0.20	0.22	0.74	1.96	3.57	1.81	0.78	0.45	0.45	0.40	0.28	0.92		May 30	6.23	0.39	0.18	2009
2010	0.28	0.25	0.30	1.01	1.88	4.10	1.57	0.63	0.60	0.43	0.28	0.21	0.96		Jun 03	6.42	0.47	0.19	2010
2011	0.19	0.15	0.27	0.66	5.75	7.95	2.85	0.97	0.58	0.56	0.42	0.36	1.73		Jun 08	21.80	0.53	0.11	2011
2012	0.30	0.28	0.44	3.18	7.19	10.90	4.17	0.68	0.26	0.51	0.68	0.64	2.43		Jun 06	22.08	0.24	0.20	2012
2013	0.41	0.35	0.46	2.75	5.32	8.74	3.40	1.33	1.25	1.23	0.70	0.47	2.20		Jun 20	28.90	0.98	0.32	2013
2014	0.48	0.39	0.51	3.33	6.35	5.23	1.73	0.85	0.68	0.53	0.52	0.48	1.76		May 24	9.00	0.54	0.32	2014
2015	0.32	0.71	1.29	1.84	2.73	3.19	1.02	0.50	0.43	0.40	0.55	0.49	1.12		Jun 03	7.00	0.39	0.30	2015
2016	0.36	0.38	0.69	3.20	4.07	2.74	1.10	0.63	0.51	0.88	1.02	0.63	1.35		May 22	5.46	0.49	0.28	2016
2017	0.73	0.75	0.93	3.57	7.99	6.86	1.33	0.57	0.38	0.40	0.38	0.34	2.02		Jun 01	19.40	0.37	0.24	2017
Avg.	0.31	0.30	0.42	1.71	4.2	4.8	1.82	0.73	0.54	0.51	0.45	0.35	1.35	1.34		10.76	0.45	0.22	m^3/s
S. D.	0.11	0.13	0.25	0.87	1.73	2.36	0.88	0.25	0.19	0.18	0.17	0.11	0.44			5.77	0.15	0.06	m^3/s
Normal	0.29	0.27	0.37	1.50	3.89	4.39	1.72	0.72	0.52	0.48	0.42	0.32	1.24	m^3/s					
Normal	6	5	7	28	76	83	34	14	10	9	8	6	286	mm	10-Year	17.47	0.27	0.14	m^3/s







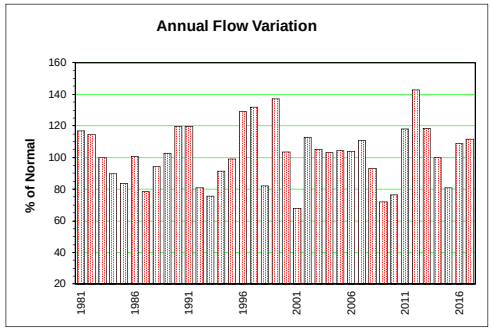


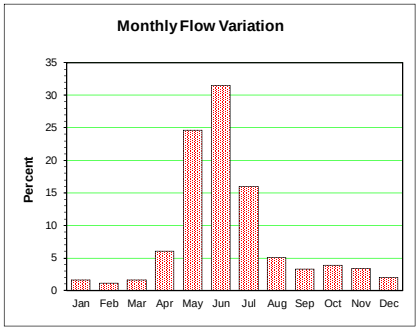
ST. MARY RIVER BELOW MORRIS CREEK 08NG077

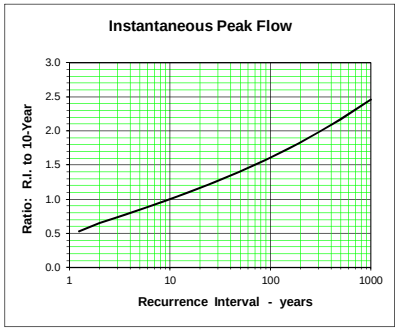
Station Longitude Latitude: -116.434852 49.73742

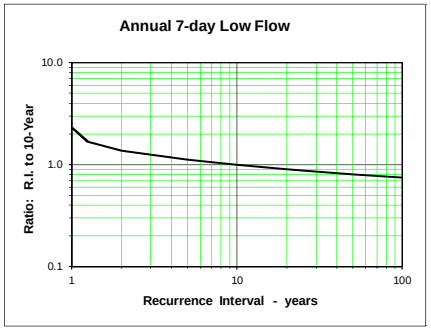
Monthly and Annual Discharge in m^3/s | Drainage Area = 210.91 km^2 | Median Elevation = 1882 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	2.82	1.39	1.48	4.37	24.10	22.90	23.20	6.93	2.91	4.06	2.60	1.49	8.24	May 25	56.40	2.04	0.98	1981
1982	1.12	1.22	1.12	1.93	16.00	37.80	15.50	7.64	5.66	4.98	2.22	1.48	8.07	Jun 14	61.50	3.82	0.89	1982
1983	1.12	0.91	1.17	4.13	21.00	23.80	16.80	4.90	3.53	1.66	3.53	1.51	7.04	May 29	57.70	2.12	0.83	1983
1984	1.50	0.95	1.11	4.00	8.62	33.70	15.60	3.99	2.60	1.70	1.49	0.98	6.34	Jun 15	62.40	1.97	0.75	1984
1985	0.68	0.48	0.50	4.20	22.30	21.00	6.87	2.44	4.60	3.41	2.75	1.38	5.90	Jun 07	64.70	1.58	0.44	1985
1986	1.07	0.94	1.74	5.71	22.00	29.50	11.00	3.28	2.14	3.47	2.50	1.55	7.09	May 28	91.30	1.60	0.85	1986
1987	1.02	0.88	1.06	7.61	26.70	17.10	5.87	2.25	1.38	0.87	0.78	0.62	5.54	May 12	75.70	0.98	0.51	1987
1988	0.64	0.67	0.72	6.46	21.70	25.20	9.80	2.86	2.11	5.29	2.70	1.49	6.64	Jun 07	53.70	1.21	0.51	1988
1989	1.28	1.10	0.98	4.99	19.30	29.10	10.30	5.52	3.57	2.79	5.88	2.14	7.26	Jun 06	53.50	1.98	0.92	1989
1990	1.39	1.24	1.25	8.85	17.70	32.20	20.80	4.83	2.04	3.70	4.95	2.22	8.45	Jun 24	56.50	1.31	1.12	1990
1991	1.38	1.40	1.22	4.76	22.30	31.50	26.30	7.04	2.18	1.12	0.94	0.78	8.45	Jul 04	68.68	1.49	0.71	1991
1992	0.81	1.00	2.21	8.16	22.70	18.00	5.59	2.32	2.12	2.77	1.68	1.10	5.71	May 07	50.70	1.38	0.66	1992
1993	0.80	0.76	0.83	2.61	25.30	15.70	7.89	3.51	2.21	1.69	1.15	1.06	5.33	Jun 01	59.80	1.97	0.68	1993
1994	0.87	0.68	1.06	11.60	23.60	21.90	9.67	2.45	1.45	1.22	1.39	1.32	6.45	May 09	44.30	1.10	0.66	1994
1995	0.55	0.69	1.05	3.01	20.60	27.80	9.15	5.77	2.42	4.53	3.89	3.94	6.98	May 30	57.40	1.64	0.46	1995
1996	2.40	1.29	1.33	6.46	16.00	38.30	26.80	7.09	3.12	3.15	2.00	1.21	9.10	Jun 08	89.70	2.80	0.94	1996
1997	1.20	1.09	1.33	2.64	18.50	44.70	20.50	4.83	5.37	6.35	2.96	1.82	9.29	Jun 05	82.50	3.06	0.95	1997
1998	1.40	1.01	1.24	5.81	26.20	16.70	7.73	2.52	1.32	1.96	1.86	1.20	5.78	May 27	58.80	1.16	0.63	1998
1999	0.68	0.64	1.09	4.87	18.60	33.80	22.60	10.90	3.36	3.48	12.40	3.43	9.69	Nov 12	115.00	2.23	0.56	1999
2000	2.05	1.57	1.28	6.75	21.60	24.80	16.60	4.77	3.19	2.66	1.30	0.79	7.29	May 21	45.70	2.02	0.53	2000
2001	0.88	0.72	0.86	2.83	18.80	15.30	7.47	2.76	1.87	1.48	2.79	1.60	4.79	May 24	67.00	1.38	0.64	2001
2002	1.35	1.25	1.30	3.79	19.60	41.00	18.80	3.12	2.08	1.49	0.87	0.89	7.97	May 21	83.20	1.56	0.80	2002
2003	0.89	0.82	1.25	6.13	19.80	31.50	9.93	2.38	1.69	8.13	4.34	2.10	7.43	May 25	78.90	1.20	0.76	2003
2004	1.56	1.33	2.22	8.43	18.00	24.20	10.40	4.42	8.04	4.18	2.68	2.00	7.28	Jun 06	48.20	2.28	1.00	2004
2005	3.17	2.42	2.26	6.05	20.80	21.20	10.30	2.53	2.69	9.79	3.73	3.16	7.37	Oct 18	74.70	1.35	1.19	2005
2006	2.18	1.55	2.09	5.00	30.10	27.40	8.03	1.96	1.49	1.15	4.59	2.24	7.34	May 18	89.00	1.17	1.01	2006
2007	1.23	1.00	3.83	6.48	25.70	32.60	13.20	2.47	1.51	2.78	1.68	1.19	7.83	Jun 04	76.40	1.23	0.93	2007
2008	0.94	0.92	0.90	1.58	20.90	26.20	12.10	4.57	2.79	2.99	2.87	1.91	6.57	May 18	71.60	1.99	0.70	2008
2009	1.48	1.13	0.94	1.99	14.10	23.00	8.78	2.71	1.67	2.02	2.02	0.99	5.08	May 30	56.30	1.30	0.55	2009
2010	0.94	0.79	0.91	4.34	12.20	24.10	9.69	2.74	3.08	2.21	2.11	1.53	5.39	May 19	45.10	1.60	0.68	2010
2011	1.46	1.18	1.07	1.13	15.60	39.00	26.50	6.02	2.20	2.43	1.62	1.26	8.32	Jun 30	100.00	1.91	0.89	2011
2012	0.78	0.78	0.90	6.45	21.90	44.20	28.90	5.18	2.19	3.23	4.12	2.29	10.08	Jun 05	108.00	1.78	0.53	2012
2013	1.50	1.14	2.42	5.97	26.60	34.10	13.60	3.71	4.20	3.94	1.85	1.15	8.37	Jun 20	169.00	2.40	0.93	2013
2014	1.03	1.17	1.37	3.29	23.20	27.40	12.70	2.97	1.87	3.11	4.49	1.79	7.06	May 24	64.90	1.44	0.89	2014
2015	0.95	1.89	3.78	6.30	19.80	19.80	4.41	1.91	3.59	1.94	2.46	1.54	5.70	Jun 03	45.10	1.42	0.85	2015
2016	0.81	0.76	1.16	15.60	24.80	19.00	7.74	2.61	2.72	7.00	7.48	2.31	7.67	May 19	50.40	1.80	0.70	2016
2017	1.34	1.23	1.43	4.72	29.30	34.60	11.90	2.76	1.31	1.55	2.29	1.87	7.88	May 30	77.10	0.97	0.71	2017
Avg.	1.28	1.08	1.42	5.38	21.0	27.8	13.60	4.07	2.76	3.25	3.00	1.66	7.21	7.15		70.56	1.74	0.77	m^3/s
S. D.	0.59	0.38	0.73	2.81	4.50	8.00	6.73	1.99	1.39	2.00	2.16	0.73	1.31			24.42	0.60	0.19	m^3/s
Normal	1.31	1.06	1.34	5.18	20.49	27.07	13.24	4.18	2.81	3.24	2.89	1.64	7.06	m^3/s					
Normal	17	12	17	64	260	333	168	53	34	41	35	21	1056	mm	10-Year	97.26	1.14	0.54	m^3/s









CAVEN CREEK BELOW BLOOM CREEK 08NG078

Station Longitude Latitude: -115.434917 49.186514

Monthly and Annual Discharge in m^3/s | Drainage Area = 315.36 km^2 | Median Elevation = 1448 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
1981	1.33	1.04	1.14	3.56	9.64	7.86	3.17	1.55	1.14	1.05	0.90	0.69	2.76	May 26	14.90	1.00	0.59	1981
1982	0.68	1.14	1.01	2.35	9.73	6.44	2.59	1.13	0.97	0.89	0.81	0.98	2.40	May 26	18.50	0.81	0.53	1982
1983	0.92	0.86	1.55	4.20	10.10	5.02	2.72	1.40	0.97	0.90	1.55	0.80	2.59	May 26	19.40	0.88	0.68	1983
1984	1.11	0.76	0.79	2.34	4.65	5.43	1.54	0.72	0.70	0.66	0.66	0.51	1.65	May 31	10.30	0.57	0.47	1984
1985	0.49	0.39	0.47	2.25	6.44	3.22	0.85	0.57	0.80	1.32	1.59	0.83	1.61	May 20	11.70	0.45	0.34	1985
1986	0.83	1.10	2.99	5.44	7.79	3.68	1.42	0.85	0.83	0.81	0.81	0.84	2.29	Apr 22	14.10	0.72	0.63	1986
1987	0.67	0.68	1.38	4.40	5.94	1.47	0.98	0.62	0.53	0.49	0.42	0.37	1.50	May 01	24.50	0.49	0.32	1987
1988	0.40	0.39	0.53	3.14	4.97	2.56	0.85	0.52	0.56	0.57	0.65	0.52	1.30	May 13	11.60	0.42	0.32	1988
1989	0.58	0.51	0.53	5.32	12.60	5.63	1.35	1.05	0.98	0.86	1.19	0.83	2.63	May 08	25.60	0.84	0.43	1989
1990	0.87	0.79	0.91	7.28	10.50	12.50	3.03	1.47	0.96	1.02	1.90	1.55	3.56	Jun 04	20.80	0.84	0.66	1990
1991	1.18	2.25	1.55	7.62	14.90	7.01	1.96	1.37	0.94	0.75	0.87	0.71	3.43	May 19	30.90	0.84	0.63	1991
1992	0.71	0.69	1.25	3.14	3.77	1.21	1.05	0.64	0.66	0.62	0.61	0.52	1.24	Apr 30	9.55	0.58	0.48	1992
1993	0.47	0.38	0.62	2.43	7.26	2.69	4.47	2.13	1.33	1.12	0.83	0.79	2.06	May 14	17.20	1.21	0.33	1993
1994	0.75	0.68	1.43	5.96	6.19	3.18	1.32	0.74	0.61	0.68	0.62	0.56	1.90	Apr 22	13.90	0.57	0.41	1994
1995	0.48	0.67	1.61	2.67														1995
1996																		1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
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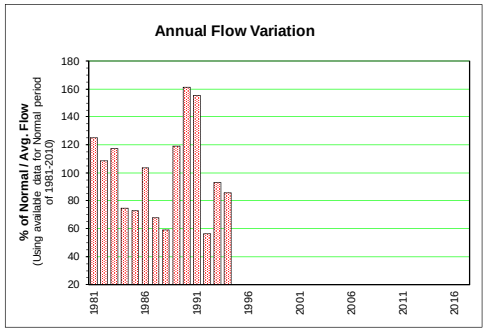
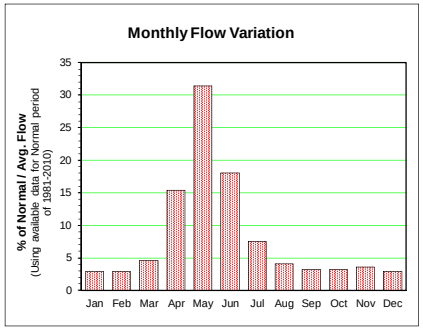
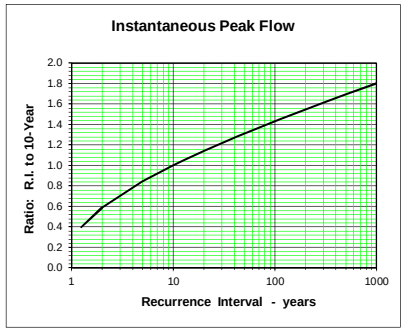
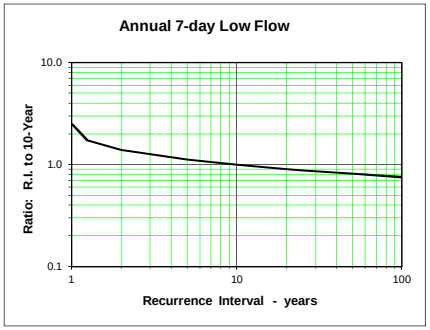
2012																		2012
2013																		2013
2014																		2014
2015																		2015
2016																		2016
2017																		2017
Avg.	0.76	0.82	1.18	4.14	8.18	4.85	1.95	1.05	0.86	0.84	0.96	0.75	2.21	2.18	17.35	0.73	0.49	m^3/s
S. D.	0.28	0.46	0.64	1.81	3.20	3.00	1.09	0.48	0.23	0.23	0.44	0.29	0.74		6.35	0.23	0.13	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.76	0.82	1.18	4.14	8.18	4.85	1.95	1.05	0.86	0.84	0.96	0.75	2.21	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6	6	10	34	69	40	17	9	7	7	8	6	221	mm	10-Year	27.6	0.436	0.341	m^3/s









MATTHEW CREEK ABOVE DIVERSIONS 08NG086

Station Longitude Latitude: -116.07149 49.65992

Monthly and Annual Discharge in m^3/s | Drainage Area = 147.89 km^2 | Median Elevation = 1950 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
1981																			1981
1982																			1982
1983																			1983
1984																			1984
1985																			1985
1986																			1986
1987																			1987
1988																			1988
1989	0.55	0.44	0.46	2.42	9.90	13.80	3.74	2.11	1.68	0.94	1.12	0.80	3.17		Jun 06	37.70	0.39	0.39	1989
1990	0.65	0.41	0.45	3.48	7.03	12.90	5.21	1.50	0.74	1.06	1.03	0.70	2.93		May 30	24.37	0.33	0.33	1990
1991	0.52	0.46	0.46	2.44	12.80	16.40	10.40	2.36	0.96	0.47	0.34	0.30	4.01		May 19	44.50	0.27	0.27	1991
1992	0.26	0.30	0.70	2.37	8.48	5.94	3.03	1.02	0.70	0.69	0.47	0.33	2.03		May 07	25.00	0.23	0.23	1992
1993	0.26	0.22	0.29	0.84	8.74	5.63	4.33	2.14	1.36	0.86	0.49	0.42	2.15		Jun 01	28.40	0.20	0.20	1993
1994	0.34	0.28	0.44	3.91	9.85	8.14	2.61	0.79	0.48	0.44	0.36	0.32	2.34		Jun 06	23.40	0.23	0.23	1994
1995	0.25	0.27	0.30	0.99	9.88	16.30	4.03	1.41	0.60	0.83	0.79	0.81	3.04		May 30	35.90	0.22	0.22	1995
1996	0.44	0.42	0.58	2.24	11.60	21.60	8.05	1.96	0.91	0.80	0.70	0.52	4.15		Jun 08	62.10	0.34	0.34	1996
1997	0.35	0.27	0.35	1.15	8.46	14.60	4.98	1.55	1.49	1.42	0.69	0.49	2.99		Jun 04	56.90	0.25	0.25	1997
1998	0.54	0.42	0.41	1.80	12.10	6.57	2.46								May 27	35.20		0.32	1998
1999																			1999
2000																			2000
2001																			2001
2002																			2002
2003																			2003
2004																			2004
2005																			2005
2006																			2006
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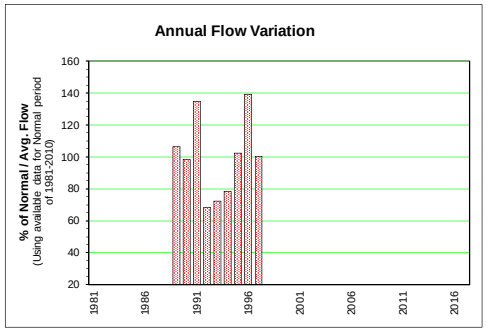
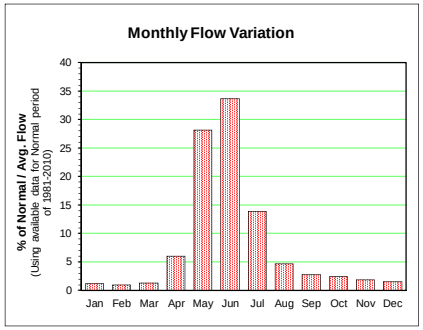
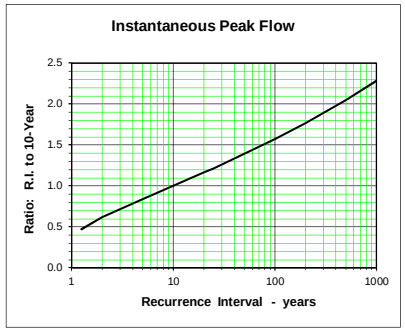
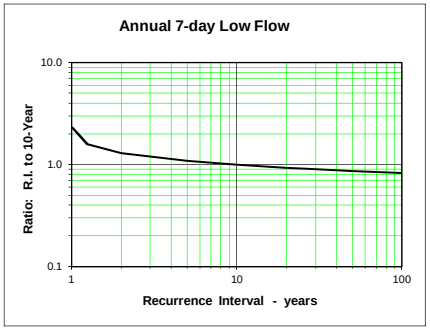
2009																			2009
2010																			2010
2011																			2011
2012																			2012
2013																			2013
2014																			2014
2015																			2015
2016																			2016
2017																			2017
Avg.	0.42	0.35	0.45	2.16	9.88	12.19	4.88	1.65	0.99	0.83	0.66	0.52	2.98	2.98		37.35	0.27	0.28	m^3/s
S. D.	0.14	0.09	0.12	1.02	1.82	5.40	2.53	0.53	0.42	0.30	0.28	0.20	0.75			13.53	0.06	0.06	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.42	0.35	0.45	2.16	9.88	12.19	4.88	1.65	0.99	0.83	0.66	0.52	2.98	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	8	6	8	38	179	214	88	30	17	15	12	9	636	mm	10-Year	55.8	0.203	0.207	m^3/s







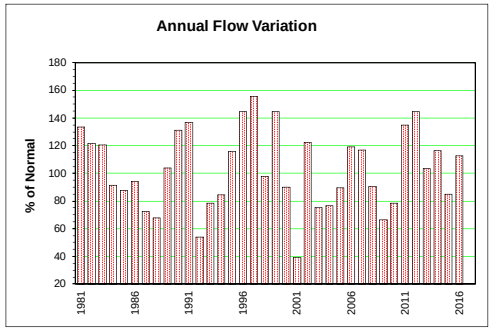


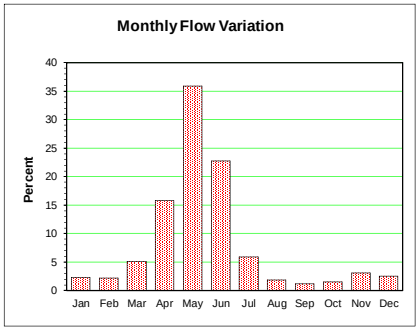
MOYIE RIVER AT EASTPORT 08NH006

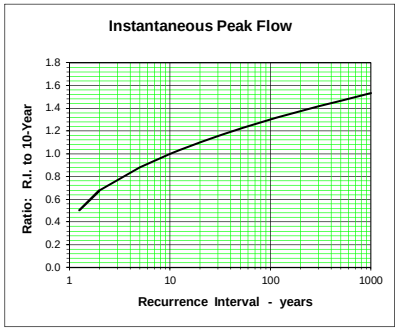
Station Longitude Latitude: -116.17937 49.00030

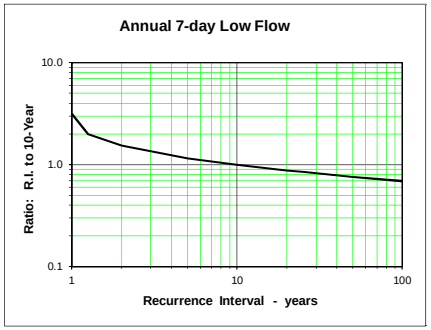
Monthly and Annual Discharge in m^3/s | Drainage Area = 1573.82 km^2 | Median Elevation = 1471 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	11.70	8.24	11.10	31.60	101.00	77.10	25.40	8.13	3.63	4.26	4.39	3.70	24.26	May 26	152.42	3.09	2.86	1981
1982	3.13	9.88	12.20	22.30	98.60	74.20	18.80	5.00	3.64	5.27	5.42	5.62	22.06	May 26	174.00	3.20	2.57	1982
1983	7.04	7.16	18.20	36.80	89.90	46.60	20.70	7.66	3.75	3.08	15.50	5.09	21.87	May 26	152.00	3.02	2.60	1983
1984	8.73	6.59	8.27	28.40	55.50	66.50	13.40	2.98	1.76	1.61	2.50	2.95	16.56	May 30	116.00	1.51	1.48	1984
1985	1.89	1.92	2.49	22.70	76.40	43.90	5.00	1.95	3.23	8.04	18.10	5.34	15.96	May 20	124.00	1.41	1.36	1985
1986	4.02	5.26	23.90	42.60	66.80	33.10	7.53	2.86	2.15	3.41	6.56	6.17	17.08	May 28	110.00	1.74	1.74	1986
1987	3.92	3.55	15.00	40.20	64.10	16.00	5.52	2.90	1.45	1.09	1.30	2.14	13.16	May 01	151.00	1.23	1.07	1987
1988	1.90	1.91	3.52	36.90	55.70	27.90	5.51	1.88	1.54	2.24	5.34	3.88	12.35	May 13	94.30	1.12	1.12	1988
1989	3.93	2.36	4.65	42.40	92.80	42.20	8.00	3.61	3.01	2.73	12.00	8.08	18.88	May 08	165.00	2.30	1.81	1989
1990	6.84	5.35	9.10	57.80	72.50	76.70	14.20	4.22	2.17	2.52	21.10	14.00	23.86	Jun 07	145.00	1.74	1.70	1990
1991	5.53	14.60	11.20	51.20	105.00	75.70	21.20	4.98	2.45	1.76	2.26	2.49	24.86	May 19	177.82	2.12	1.53	1991
1992	2.33	3.85	8.27	27.50	44.90	12.20	6.88	2.49	1.91	1.97	2.58	1.97	9.76	May 08	77.00	1.57	1.57	1992
1993	2.27	2.09	4.55	20.70	65.40	22.40	23.80	10.60	5.61	4.91	3.12	3.66	14.20	May 14	126.00	4.80	1.71	1993
1994	3.50	3.13	11.10	51.10	64.60	32.30	8.19	2.24	1.38	1.55	2.06	2.35	15.32	Apr 22	109.00	1.13	1.11	1994
1995	2.91	5.47	16.70	23.40	72.60	54.60	12.90	4.61	2.74	6.13	20.90	28.40	21.02	May 18	127.00	2.25	2.24	1995
1996	10.90	17.10	15.60	60.00	89.90	84.40	20.90	4.84	2.70	2.59	3.64	3.11	26.23	Jun 04	145.01	2.54	1.98	1996
1997	5.55	3.91	18.00	44.10	138.00	87.90	15.00	4.22	4.00	7.46	6.45	3.69	28.31	May 17	250.86	2.57	2.57	1997
1998	3.91	4.26	11.50	31.90	91.70	42.10	10.00	3.73	1.85	1.94	3.32	6.31	17.80	May 30	203.00	1.71	1.71	1998
1999	5.25	4.38	11.40	37.70	89.90	90.20	30.40	6.57	2.86	2.88	22.60	10.50	26.27	May 26	197.94	2.32	2.15	1999
2000	5.92	4.81	8.74	46.00	76.00	37.70	7.98	2.26	1.58	1.74	1.67	1.38	16.32	May 23	108.00	1.46	1.18	2000
2001	1.45	1.41	2.02	6.09	41.30	19.80	4.88	1.71	0.88	0.85	2.11	2.35	7.10	May 24	71.90	0.78	0.66	2001
2002	5.05	5.78	7.35	39.50	98.00	84.50	15.90	3.23	1.89	1.60	1.76	2.08	22.25	May 21	264.00	1.63	1.42	2002
2003	2.31	2.73	10.20	32.90	57.30	42.10	5.55	1.69	1.18	1.70	2.75	2.90	13.63	May 26	113.00	1.05	0.99	2003
2004	2.48	2.53	8.28	41.90	50.30	27.80	9.15	3.38	4.84	4.10	4.74	7.75	13.94	May 05	80.20	2.73	1.80	2004
2005	10.60	10.50	9.00	23.50	52.80	37.90	19.10	4.05	2.79	10.00	9.01	5.21	16.23	May 17	75.90	1.75	1.75	2005
2006	9.31	6.23	8.67	47.00	104.00	52.30	9.50	3.05	1.91	1.66	9.28	5.97	21.63	May 20	195.00	1.78	1.35	2006
2007	5.30	4.74	43.00	51.30	87.10	42.60	7.11	2.22	1.46	2.35	2.51	3.59	21.20	Mar 25	167.00	1.37	1.37	2007
2008	2.70	2.62	3.96	11.80	101.00	54.20	9.49	2.85	1.90	1.48	2.30	1.87	16.41	May 21	239.00	1.45	1.33	2008
2009	2.87	1.88	2.62	17.20	60.20	39.60	7.93	3.31	1.35	1.48	3.02	2.63	12.05	May 30	118.00	1.04	1.04	2009
2010	2.33	2.26	4.26	19.50	43.70	65.50	11.20	3.26	2.89	3.46	7.08	5.69	14.26	Jun 03	141.00	2.14	1.94	2010
2011	8.76	5.97	6.91	21.30	98.70	110.00	26.50	5.36	2.31	2.32	2.86	2.78	24.53	Jun 08	189.00	1.86	1.62	2011
2012	2.72	2.30	6.68	49.60	93.30	100.00	28.90	5.28	2.49	2.68	8.86	12.40	26.25	Jun 06	174.00	2.09	1.89	2012
2013	5.67	4.68	13.00	37.90	85.20	43.90	12.00	3.83	3.24	5.72	4.77	4.08	18.74	May 14	186.00	2.46	2.46	2013
2014	3.50	3.33	10.80	30.70	108.00	52.00	10.70	3.29	2.69	4.03	9.59	14.00	21.17	May 24	155.00	2.38	2.03	2014
2015	7.33	28.60	36.40	34.30	36.50	20.00	3.86	1.78	1.68	1.53	5.85	8.93	15.46	Mar 16	72.50	1.46	1.46	2015
2016	5.13	8.55	18.40	65.60	54.50	20.30	5.55	2.62	1.83	17.80	34.50	10.90	20.43	Apr 23	103.00	1.62	1.62	2016
2017														May 07	157.00			2017
Avg.	4.96	5.83	11.58	35.71	77.3	51.6	13.02	3.85	2.46	3.61	7.55	5.94	18.65	19.39	146.13	1.96	1.69	m^3/s
S. D.	2.79	5.24	8.62	13.82	23.40	25.66	7.52	1.95	1.04	3.22	7.52	5.17	5.15		49.05	0.78	0.51	m^3/s
Normal	4.85	5.22	10.83	34.87	76.90	50.33	12.70	3.88	2.48	3.20	6.85	5.36	18.16	m^3/s				
Normal	8	8	18	57	131	83	22	7	4	5	11	9	364	mm	10-Year	219.11	1.21	1.09	m^3/s







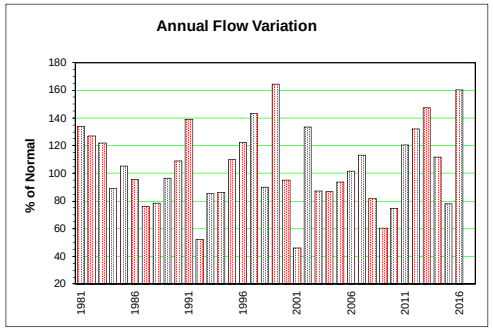


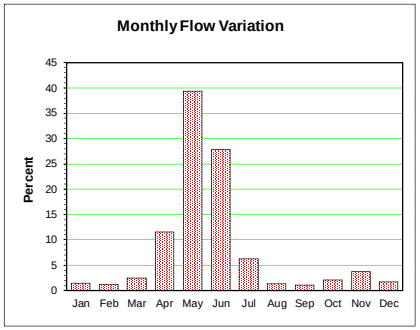
MOYIE RIVER ABOVE NEGRO CREEK 08NH120

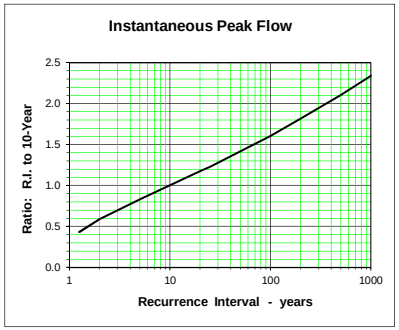
Station Longitude Latitude: -115.94124 49.42195

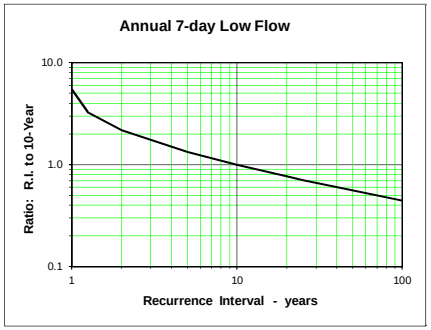
Monthly and Annual Discharge in m^3/s | Drainage Area = 238.30 km^2 | Median Elevation = 1691 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	1.64	1.07	1.54	7.37	29.40	17.60	7.13	1.64	0.55	1.46	0.79	0.58	5.93	May 25	64.60	0.29	0.29	1981
1982	0.60	0.92	1.46	3.13	24.00	24.80	4.80	1.33	1.17	2.26	1.64	1.29	5.63	Jun 15	75.50	0.63	0.51	1982
1983	0.92	0.86	1.45	7.21	24.30	15.20	6.16	1.68	0.89	0.68	4.11	1.22	5.41	May 25	50.60	0.63	0.54	1983
1984	1.60	1.37	1.32	5.39	14.10	18.50	3.15	0.51	0.41	0.41	0.46	0.34	3.95	May 30	43.81	0.24	0.24	1984
1985	0.29	0.25	0.30	4.47	25.90	13.60	0.83	0.36	1.56	3.76	3.59	0.85	4.67	May 21	68.97	0.17	0.17	1985
1986	0.59	0.76	3.47	8.53	20.00	9.54	1.96	0.55	0.77	1.90	1.52	1.03	4.24	May 27	47.40	0.25	0.25	1986
1987	0.80	0.67	1.75	9.24	19.20	5.41	1.37	0.53	0.25	0.23	0.30	0.55	3.37	May 01	59.40	0.18	0.18	1987
1988	0.33	0.22	0.49	7.28	17.70	9.87	1.36	0.34	0.42	0.95	2.04	0.79	3.48	May 12	40.00	0.07	0.07	1988
1989	0.64	0.43	0.48	5.86	20.60	14.30	1.83	0.62	0.54	0.77	3.85	1.23	4.27	May 07	47.70	0.34	0.29	1989
1990	0.67	0.63	0.70	9.42	16.70	17.70	3.16	0.68	0.35	0.76	5.06	2.01	4.82	Jun 04	34.30	0.25	0.25	1990
1991	1.19	1.49	1.12	7.82	28.60	25.10	6.16	1.17	0.47	0.23	0.24	0.25	6.17	Jun 11	65.60	0.35	0.16	1991
1992	0.26	0.37	0.99	6.37	12.50	2.93	1.82	0.45	0.41	0.39	0.69	0.39	2.30	Apr 30	35.00	0.26	0.21	1992
1993	0.33	0.29	0.49	2.60	18.60	10.40	7.33	1.63	0.97	0.95	0.71	0.80	3.79	May 12	39.80	0.95	0.26	1993
1994	0.57	0.44	0.74	13.90	19.10	7.97	1.49	0.23	0.10	0.43	0.38	0.37	3.82	May 13	65.14	0.04	0.04	1994
1995	0.41	0.44	0.64	3.35	20.10	17.20	3.52	1.36	0.54	2.25	5.68	2.75	4.87	Jun 06	46.30	0.33	0.33	1995
1996	1.81	1.72	1.76	9.89	19.30	22.20	5.74	0.88	0.45	0.40	0.51	0.52	5.42	Jun 04	70.10	0.35	0.31	1996
1997	0.56	0.47	2.00	5.24	29.60	27.00	3.92	0.60	1.33	3.15	1.26	0.77	6.35	Jun 01	105.00	0.34	0.34	1997
1998	0.60	0.48	1.07	6.03	26.00	8.01	2.09	0.65	0.28	0.50	0.81	1.00	3.99	May 27	73.20	0.23	0.23	1998
1999	0.63	0.56	1.28	5.59	22.90	27.30	9.33	1.71	0.55	0.96	14.10	2.39	7.28	Nov 12	189.00	0.35	0.33	1999
2000	1.33	1.04	1.06	7.87	22.80	12.20	2.35	0.36	0.34	0.50	0.31	0.32	4.21	May 22	54.30	0.20	0.20	2000
2001	0.27	0.23	0.33	1.47	12.80	5.76	1.15	0.25	0.12	0.21	1.08	0.65	2.04	May 24	38.90	0.10	0.10	2001
2002	0.62	0.74	0.83	5.91	27.00	31.40	3.46	0.32	0.18	0.17	0.18	0.22	5.92	May 21	109.71	0.14	0.08	2002
2003	0.51	0.52	1.38	5.27	17.60	16.40	1.61	0.17	0.19	1.36	0.81	0.52	3.87	May 25	77.80	0.08	0.08	2003
2004	0.43	0.51	1.39	10.70	15.10	8.59	3.37	0.84	1.96	1.10	1.00	1.14	3.84	May 04	27.80	0.44	0.26	2004
2005	0.80	0.51	1.46	4.96	17.50	11.60	4.00	0.57	0.90	4.08	2.25	1.03	4.16	May 08	30.80	0.24	0.22	2005
2006	1.29	0.81	0.92	6.32	21.70	14.60	1.99	0.45	0.29	0.27	4.09	1.22	4.50	May 21	53.90	0.14	0.14	2006
2007	0.94	0.76	6.35	9.77	24.70	13.60	1.52	0.22	0.17	0.68	0.56	0.54	5.01	Jun 04	49.30	0.14	0.14	2007
2008	0.50	0.53	0.42	1.61	22.90	13.30	1.91	0.46	0.33	0.39	0.57	0.35	3.62	May 18	105.00	0.29	0.20	2008
2009	0.40	0.35	0.39	1.59	13.80	11.60	1.64	0.53	0.21	0.38	0.69	0.29	2.67	May 30	40.30	0.16	0.16	2009
2010	0.39	0.36	0.58	3.61	11.10	17.60	1.95	0.44	0.65	0.83	1.45	0.73	3.30	Jun 03	53.70	0.22	0.22	2010
2011	0.86	0.54	0.83	1.79	21.50	29.30	7.08	0.85	0.20	0.39	0.36	0.33	5.35	Jun 08	75.80	0.12	0.12	2011
2012	0.30	0.26	0.45	6.51	24.20	26.00	5.98	0.69	0.40	0.98	2.70	1.75	5.85	Jun 05	64.50	0.34	0.22	2012
2013	0.95	1.54	2.97	8.99	35.90	19.10	3.85	0.65	0.82	1.28	0.89	0.93	6.52	May 13	87.00	0.36	0.36	2013
2014	0.83	0.59	0.80	4.67	27.60	14.20	2.42	0.63	0.57	0.95	2.55	3.25	4.95	May 17	68.46	0.34	0.23	2014
2015	1.39	2.12	4.78	6.97	13.70	6.99	0.69	0.22	0.42	0.34	2.53	1.19	3.45	Jun 02	35.70	0.15	0.15	2015
2016	0.80	0.83	1.78	16.70	23.80	6.41	1.29	0.45	0.55	11.50	18.10	3.04	7.10	May 06	58.24	0.27	0.27	2016
2017																		2017
Avg.	0.75	0.71	1.38	6.48	21.2	15.4	3.32	0.69	0.56	1.33	2.44	1.02	4.61	4.78		62.57	0.28	0.23	m^3/s
S. D.	0.42	0.45	1.25	3.33	5.63	7.38	2.21	0.45	0.42	2.00	3.69	0.79	1.28			29.99	0.18	0.11	m^3/s
Normal	0.73	0.66	1.27	6.26	20.52	15.04	3.27	0.72	0.58	1.08	2.02	0.87	4.43	m^3/s					
Normal	8	7	14	68	231	164	37	8	6	12	22	10	587	mm	10-Year	97.98	0.11	0.11	m^3/s









MICHEL CREEK BELOW NATAL 08NK020

Station Longitude Latitude: -114.85729 49.72994

Monthly and Annual Discharge in m^3/s | Drainage Area = 639.00 km^2 | Median Elevation = 1791 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
1981	4.29	2.63	3.52	11.20	53.00	41.30	15.30	5.16	3.31	3.27	2.48	1.80	12.33	May 26	110.14	3.00	1.47	1981
1982	1.67	1.99	1.43	3.92	35.30	44.50	11.20	4.13	3.49	3.87	2.77	2.05	9.71	May 26	90.87	3.07	1.20	1982
1983	2.11	1.91	2.33	8.51	40.10	27.50	13.60	4.17	2.70	2.40	4.84	1.77	9.37	May 27	104.32	2.45	1.52	1983
1984	1.45	1.02	1.95	6.44	22.70	34.80	8.11	3.28	2.76	2.72	1.58	1.30	7.33	May 30	64.50	2.31	0.96	1984
1985	1.54	1.43	1.69	8.62	42.10	21.90	4.75	3.68	5.04	6.00	5.10	2.49	8.74	May 20	81.76	2.71	1.19	1985
1986	1.90	2.94	7.02	14.50	48.10	32.70	6.76	3.49	3.53	5.29	3.59	2.41	11.06	May 29	152.51	3.01	1.21	1986
1987	1.70	1.56	3.15	15.30	42.40	12.80	6.60	3.91	2.27	1.85	1.56	1.38	7.92	May 09	83.14	2.01	1.09	1987
1988	1.07	1.01	1.14	9.96	37.20	25.20	4.76	2.40	2.11	2.95	3.37	2.04	7.78	May 13	73.71	1.63	0.90	1988
1989	1.95	1.50	2.36	10.70	38.70	39.10	9.48	4.68	5.02	4.67	9.94	5.26	11.14	May 07	77.63	3.26	1.27	1989
1990	3.02	2.09	2.74	18.10	39.80	57.10	16.10	6.57	3.16	5.05	10.80	4.94	14.13	May 30	114.00	2.68	1.64	1990
1991	3.60	3.37	3.06	13.20	58.00	59.90	22.00	6.28	3.51	2.65	2.51	2.08	15.06	May 19	153.00	3.23	1.33	1991
1992	2.24	2.10	3.70	12.70	30.50	14.00	11.40	4.43	3.89	3.81	2.86	1.95	7.82	May 08	62.10	3.50	1.83	1992
1993	1.85	1.60	2.05	4.54	35.80	25.80	21.80	9.59	5.64	4.52	3.43	3.02	10.04	May 14	78.50	5.21	1.35	1993
1994	2.21	1.87	3.32	15.50	41.90	23.10	7.61	3.34	2.40	2.80	3.43	2.56	9.21	May 13	84.60	2.26	1.70	1994
1995	2.26	2.61	3.30	4.77	29.00													1995
1996	2.76	3.86	2.98	13.20	43.10													1996
1997																		1997
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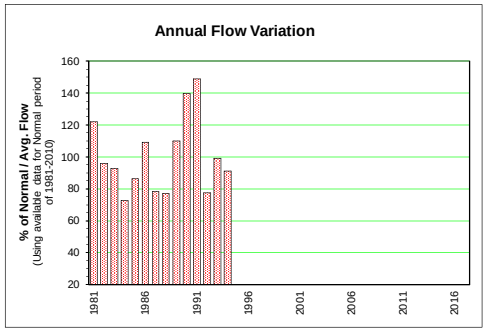
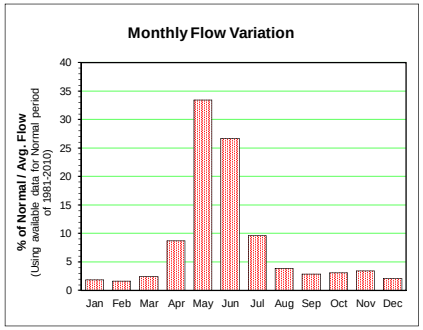
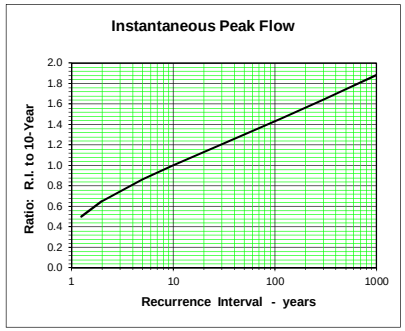
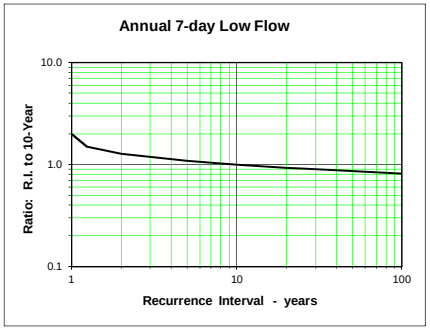
Avg.	2.23	2.09	2.86	10.70	39.86	32.84	11.39	4.65	3.49	3.70	4.16	2.50	10.12	10.78		95.06	2.88	1.33	m^3/s
S. D.	0.83	0.81	1.35	4.30	8.72	14.36	5.71	1.82	1.09	1.24	2.82	1.19	2.39			28.86	0.85	0.27	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	2.23	2.09	2.86	10.70	39.86	32.84	11.39	4.65	3.49	3.70	4.16	2.50	10.12	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9	8	12	43	167	133	48	19	14	16	17	10	500	mm	10-Year	145.1	2.052	0.993	m^3/s







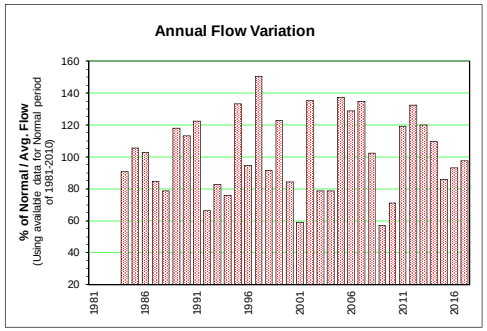


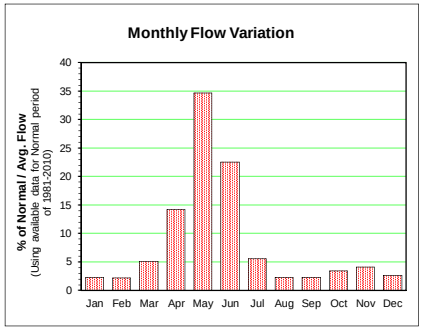
HOSMER CREEK ABOVE DIVERSIONS 08NK026

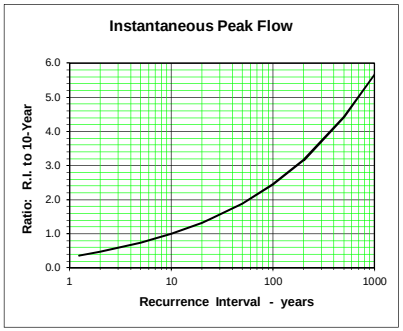
Station Longitude Latitude: -114.95495 49.58372

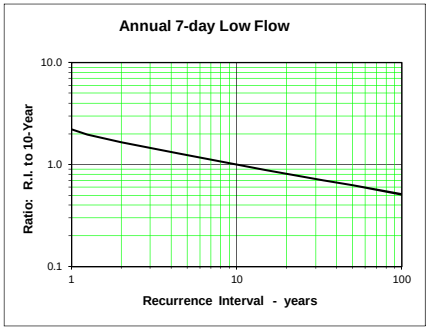
Monthly and Annual Discharge in m^3/s | Drainage Area = 6.42 km^2 | Median Elevation = 1672 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981				0.267			0.100	0.037	0.027	0.048								1981
1982				0.160	0.559	0.436	0.077	0.031	0.030	0.053	0.035	0.026		May 22	1.07	0.013		1982
1983			0.118	0.322	0.551	0.283	0.166	0.042	0.035	0.035				May 26	1.30	0.034		1983
1984	0.070	0.045	0.058	0.161	0.435	0.311	0.087	0.030	0.024	0.025	0.025	0.021	0.108	May 18	1.07	0.024	0.020	1984
1985	0.021	0.018	0.029	0.185	0.599	0.343	0.031	0.032	0.063	0.077	0.066	0.034	0.125	May 07	1.46	0.026	0.016	1985
1986	0.033	0.074	0.149	0.221	0.569	0.161	0.055	0.026	0.033	0.046	0.052	0.038	0.122	May 26	1.60	0.021	0.021	1986
1987	0.029	0.030	0.090	0.303	0.516	0.082	0.038	0.025	0.019	0.022	0.021	0.023	0.100	May 01	1.41	0.015	0.015	1987
1988	0.018	0.019	0.033	0.271	0.424	0.170	0.035	0.021	0.023	0.030	0.047	0.026	0.093	May 13	1.38	0.014	0.014	1988
1989	0.023	0.020	0.035	0.250	0.515	0.436	0.062	0.041	0.045	0.053	0.143	0.057	0.140	May 06	1.50	0.033	0.017	1989
1990	0.042	0.038	0.063	0.254	0.382	0.402	0.091	0.044	0.029	0.046	0.150	0.071	0.134	May 30	1.02	0.022	0.022	1990
1991	0.054	0.083	0.054	0.198	0.569	0.505	0.145	0.035	0.026	0.025	0.025	0.024	0.145	May 19	1.78	0.023	0.017	1991
1992	0.027	0.038	0.082	0.183	0.310	0.082	0.063	0.033	0.037	0.034	0.028	0.023	0.079	Apr 30	0.71	0.029	0.021	1992
1993	0.022	0.025	0.047	0.133	0.422	0.171	0.162	0.050	0.042	0.039	0.027	0.029	0.098	May 14	1.16	0.036	0.020	1993
1994	0.026	0.024	0.086	0.258	0.363	0.174	0.040	0.021	0.017	0.024	0.021	0.024	0.090	May 10	0.67	0.016	0.016	1994
1995	0.021	0.066	0.081	0.127	0.337	0.722	0.123	0.050	0.015	0.103	0.152	0.101	0.158	Jun 07	6.80	0.010	0.010	1995
1996	0.042	0.040	0.051	0.243	0.351	0.414	0.083	0.032	0.028	0.023	0.025	0.019	0.112	Apr 24	0.97	0.023	0.017	1996
1997	0.023	0.022	0.125	0.166	1.100	0.475	0.055	0.024	0.030	0.046	0.035	0.025	0.178	May 31	3.25	0.020	0.018	1997
1998	0.019	0.017	0.048	0.205	0.588	0.231	0.050	0.024	0.022	0.030	0.031	0.031	0.109	May 27	2.20	0.019	0.016	1998
1999	0.030	0.027	0.055	0.233	0.509	0.426	0.108	0.037	0.028	0.041	0.187	0.064	0.146	Nov 12	2.69	0.024	0.024	1999
2000	0.036	0.023	0.058	0.258	0.455	0.211	0.045	0.023	0.026	0.031	0.018	0.014	0.100	May 22	1.01	0.022	0.011	2000
2001	0.010	0.007	0.022	0.098	0.330	0.167	0.059	0.029	0.021	0.030	0.041	0.022	0.070	May 24	0.85	0.016	0.006	2001
2002	0.023	0.022	0.027	0.235	0.621	0.733	0.138	0.034	0.031	0.029	0.015	0.016	0.160	Apr 14	1.38	0.027	0.009	2002
2003	0.025	0.026	0.062	0.183	0.358	0.235	0.054	0.024	0.023	0.059	0.032	0.037	0.093	May 26	1.24	0.020	0.020	2003
2004	0.023	0.026	0.097	0.211	0.244	0.140	0.064	0.050	0.073	0.051	0.056	0.086	0.093	Dec 11	0.85	0.031	0.018	2004
2005	0.075	0.066	0.079	0.171	0.468	0.447	0.064	0.035	0.084	0.285	0.104	0.070	0.163	Oct 18	1.95	0.021	0.021	2005
2006	0.087	0.051	0.056	0.341	0.635	0.293	0.061	0.036	0.028	0.024	0.173	0.047	0.153	Nov 07	2.42	0.026	0.023	2006
2007	0.034	0.026	0.268	0.271	0.627	0.512	0.048	0.025	0.023	0.031	0.023	0.022	0.160	Mar 25	1.20	0.019	0.019	2007
2008	0.019	0.021	0.030	0.067	0.708	0.389	0.094	0.032	0.021	0.026	0.025	0.021	0.122	May 18	1.61	0.019	0.016	2008
2009	0.023	0.021	0.022	0.059	0.303	0.205	0.053	0.026	0.021	0.026	0.029	0.020	0.068	May 30	0.82	0.018	0.016	2009
2010	0.023	0.025	0.052	0.135	0.217	0.272	0.069	0.034	0.048	0.040	0.066	0.029	0.084	May 18	0.70	0.024	0.019	2010
2011	0.033	0.029	0.032	0.089	0.548	0.614	0.152	0.040	0.034	0.053	0.042	0.028	0.142	Jun 06	1.02	0.031	0.023	2011
2012	0.031	0.026	0.059	0.324	0.448	0.495	0.134	0.039	0.027	0.062	0.154	0.087	0.157	Apr 22	1.00	0.024	0.024	2012
2013	0.041	0.034	0.107	0.229	0.556	0.415	0.091	0.032	0.065	0.064	0.042	0.030	0.143	Jun 20	2.25	0.024	0.024	2013
2014	0.024	0.046	0.072	0.221	0.526	0.411	0.062	0.025	0.030	0.030	0.072	0.041	0.130	May 23	1.13	0.021	0.019	2014
2015	0.044	0.231	0.226	0.151	0.217	0.126	0.027	0.019	0.024	0.023	0.090	0.059	0.102	Mar 15	1.31	0.016	0.016	2015
2016	0.027	0.053	0.095	0.393	0.275	0.110	0.036	0.021	0.021	0.115	0.134	0.049	0.110	Apr 22	0.87	0.016	0.016	2016
2017	0.022	0.019	0.112	0.194	0.496	0.297	0.045	0.021	0.019	0.036	0.088	0.035	0.116	May 05	1.10	0.017	0.011	2017
Avg.	0.032	0.039	0.077	0.210	0.476	0.330	0.077	0.032	0.032	0.049	0.065	0.039	0.121	0.121		1.52	0.022	0.018	m^3/s
S. D.	0.017	0.038	0.053	0.076	0.167	0.171	0.039	0.009	0.016	0.045	0.051	0.022	0.029			1.08	0.006	0.005	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.033	0.033	0.071	0.206	0.485	0.325	0.077	0.033	0.032	0.048	0.059	0.036	0.119	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	13.568	12.675	29.461	83.033	202.367	131.274	32.267	13.672	13.083	19.917	23.824	15.200	583.261	mm	10-Year	2.5	0.015	0.011	m^3/s









FLATHEAD RIVER AT FLATHEAD 08NP001

Station Longitude Latitude: -114.47162 48.99826

Monthly and Annual Discharge in m^3/s | Drainage Area = 1112.13 km^2 | Median Elevation = 1752 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
1981	13.00	7.26	7.46	31.50	110.00	83.80	33.10	11.50	6.95	6.21	5.23	4.35	26.80	May 23	188.00	6.08	3.54	1981
1982	4.02	5.27	3.72	7.06	84.30	111.00	34.10	12.10	8.41	9.04	7.01	5.43	24.35	May 26	215.00	7.46	2.83	1982
1983	4.04	4.33	5.54	21.00	95.40	72.00	38.30	13.60	7.87	6.33	12.30	5.26	23.94	May 27	221.00	6.80	3.42	1983
1984	9.56	5.73	5.35	20.70	59.60	77.40	21.90	9.16	7.96	6.74	4.91	3.26	19.34	May 31	177.00	6.84	2.84	1984
1985	3.95	3.02	3.10	28.50	108.00	59.70	15.40	7.81	13.70	18.30	17.40	8.62	24.07	May 25	190.00	6.31	2.84	1985
1986	5.61	8.46	19.40	40.70	91.50	63.80	16.80	7.46	6.03	8.96	7.66	5.76	23.57	May 29	224.00	5.58	4.09	1986
1987	3.76	3.45	7.09	44.50	101.00	32.80	14.30	8.41	5.33	3.95	3.56	4.18	19.47	May 01	203.00	4.61	3.10	1987
1988	3.04	2.81	3.06	33.60	83.00	53.70	13.00	6.31	5.65	10.40	11.00	5.15	19.24	May 13	157.00	4.49	2.65	1988
1989	4.04	3.38	4.06	29.60	92.90	90.50	23.20	10.50	12.40	11.20	34.50	14.10	27.57	Nov 11	188.00	8.23	2.88	1989
1990	7.99	5.74	5.85	48.60	98.50	125.00	39.60	13.70	7.57	9.03	24.60	11.00	33.12	May 30	195.00	6.46	4.65	1990
1991	8.64	7.97	6.30	29.90	128.00	125.00	52.20	14.80	7.71	5.69	5.56	4.22	33.11	May 20	265.00	6.80	3.58	1991
1992	3.91	4.11	6.35	33.90	71.10	30.70	17.30	8.23	8.56	8.46	6.10	3.93	16.93	Apr 30	127.00	6.90	3.50	1992
1993	3.64	2.82	3.76	15.80	103.00	53.30	45.60	16.60	10.50	7.89	5.18	4.40	22.89	May 14	203.00	9.89	2.49	1993
1994	4.20	3.20	4.36	35.50	91.30	48.40	14.90	7.01	4.87	5.21	4.90	4.22	19.09	May 13	172.00	4.40	2.65	1994
1995	3.82	6.02	9.53	16.20	94.00									Jun 07	592.00		2.91	1995
1996																		1996
1997																		1997
1998																		1998
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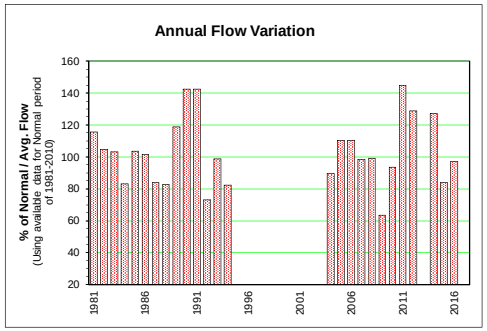
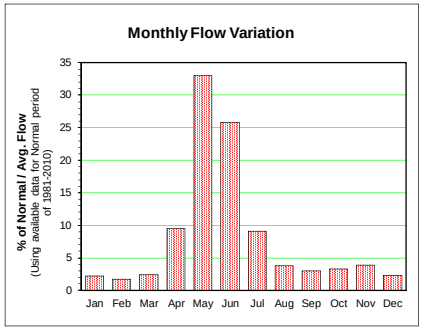
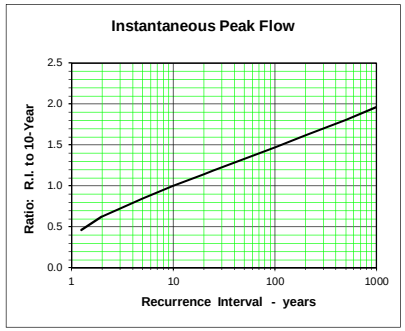
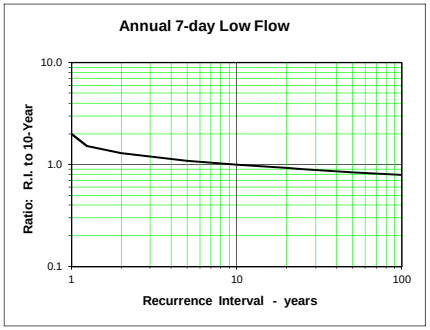
2002																		2002
2003																		2003
2004	3.93	3.76	5.55	38.90	67.50	46.20	19.50	13.20	18.40	10.10	9.02	13.10	20.78	May 03	115.00	8.00	3.40	2004
2005	19.00	13.70	11.30	23.30	73.20	76.80	21.40	8.57	9.65	29.60	12.70	7.26	25.58	May 18	142.00	6.03	4.89	2005
2006	8.09	5.55	5.73	27.60	117.00	73.40	16.80	8.02	5.46	4.58	27.50	7.35	25.67	May 19	238.00	5.18	3.89	2006
2007	4.75	4.56	18.70	31.40	102.00	65.70	16.20	7.03	4.83	6.89	5.81	4.56	22.81	Nov 07	207.00	4.56	2.61	2007
2008	3.47	3.25	3.01	4.61	104.00	102.00	26.30	9.46	6.12	5.09	5.11	3.07	22.99	May 25	279.00	5.57	2.40	2008
2009	2.58	2.76	3.10	10.60	53.00	53.20	18.60	10.30	5.45	5.09	6.17	4.80	14.69	May 31	153.00	4.70	2.31	2009
2010	4.91	3.27	3.51	19.30	59.30	85.70	26.20	10.70	14.00	10.20	14.60	8.78	21.73	May 19	158.00	8.48	2.92	2010
2011	6.98	5.45	4.07	6.39	81.40	174.00	76.10	18.00	8.30	9.53	6.84	5.58	33.62	Jun 08	252.00	7.65	3.64	2011
2012	4.22	3.97	4.87	33.60	89.40	120.00	46.70	12.40	7.27	7.42	19.10	9.98	29.89	Jun 06	202.00	6.28	3.38	2012
2013	5.95	4.54	7.32	23.60	108.00	82.50	24.90	12.00	9.03					May 14	379.00	7.44	3.90	2013
2014	4.46	3.98	5.44	13.70	121.00	124.00	34.70	10.50	7.55	6.27	12.00	9.94	29.56	Jun 18	266.00	6.66	3.21	2014
2015	8.53	17.50	27.50	38.10	58.70	40.00	10.70	5.58	5.03	4.35	8.89	8.68	19.44	Jun 03	115.00	4.71	3.56	2015
2016	5.32	4.66	7.29	60.00	70.60	41.00	13.50	7.60	5.87	21.70	26.00	7.75	22.59	Apr 23	146.00	5.45	4.00	2016
2017	5.78	5.97	13.80	26.80	107.00	91.80	19.90		5.38	5.33	10.00	8.68		May 24	240.00	5.05	4.45	2017
Avg.	5.90	5.40	7.45	27.41	90.47	78.69	26.83	10.39	8.07	9.02	11.62	6.79	23.95	25.51		214.10	6.31	3.33	m^3/s
S. D.	3.44	3.25	5.71	13.02	19.93	33.98	14.87	3.17	3.23	5.73	8.18	2.98	4.97			91.70	1.40	0.68	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	5.91	5.02	6.63	26.94	90.35	72.86	24.99	10.21	8.45	9.00	10.99	6.32	23.22	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	14	11	16	63	218	170	60	25	20	22	26	15	659	mm	10-Year	335.1	4.755	2.485	m^3/s









COULDREY CREEK IN LOT 9380 08NP002

Station Longitude Latitude: -114.58417 49.03376

Monthly and Annual Discharge in m^3/s | Drainage Area = 106.07 km^2 | Median Elevation = 1785 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
1981	1.30	0.72	0.83	2.66	9.41	8.64	3.83	1.53	0.89	0.71	0.58	0.47	2.64	May 26	16.10	0.72	0.40	1981
1982	0.41	0.45	0.48	0.82	8.20	12.80	5.32	1.49	0.90	0.78	0.64	0.51	2.74	May 26	20.70	0.79	0.37	1982
1983	0.44	0.42	0.49	2.03	8.57	7.48	4.48	1.59	0.84	0.56	0.98	0.49	2.37	May 29	19.30	0.73	0.39	1983
1984	0.56	0.46	0.47	1.86	5.72	8.71	2.67	0.97	0.68	0.57	0.49	0.37	1.96	May 31	15.00	0.64	0.33	1984
1985	0.23	0.19	0.21	1.81	10.00	6.80	1.87	0.94	1.18	1.41	1.59	0.60	2.25	May 22	18.60	0.61	0.17	1985
1986	0.45	0.41	1.23	3.06	7.96	6.92	1.95	0.91	0.57	0.64	0.56	0.36	2.09	May 28	22.10	0.55	0.25	1986
1987	0.31	0.31	0.44	3.06	9.20	3.42	1.45	0.82	0.52	0.50	0.39	0.34	1.74	May 01	17.00	0.41	0.28	1987
1988	0.21	0.25	0.31	2.62	6.04	4.86	1.56	0.67	0.43	0.71	0.76	0.42	1.57	May 12	11.60	0.37	0.18	1988
1989	0.37	0.31	0.37	2.82	9.00	8.80	2.56	1.33	1.41	1.02	3.61	1.72	2.78	Apr 22	24.20	0.94	0.26	1989
1990	0.93	0.66	0.64	4.21	8.53	12.60	4.71	1.65	0.91	0.86	1.74	1.00	3.21	May 31	16.80	0.78	0.51	1990
1991	0.66	0.62	0.63	2.59	11.00	13.10	5.58	1.69	0.93	0.58	0.65	0.42	3.21	May 19	27.00	0.74	0.32	1991
1992	0.28	0.29	0.79	2.68	6.72	3.45	1.51	0.78	0.78	0.77				May 08	9.84	0.68	0.23	1992
1993																		1993
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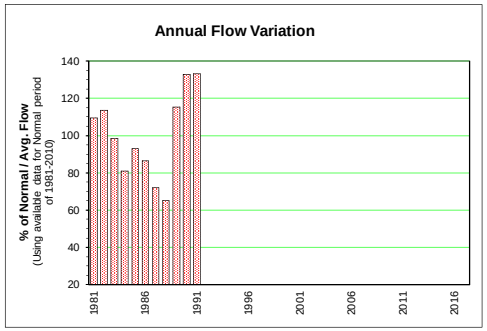
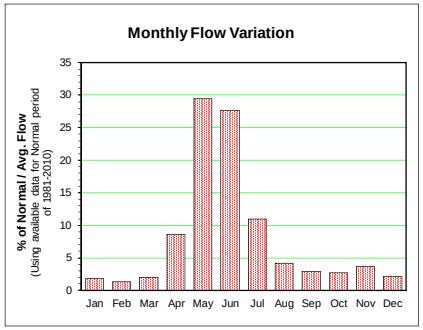
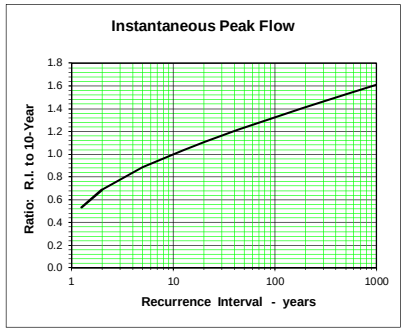
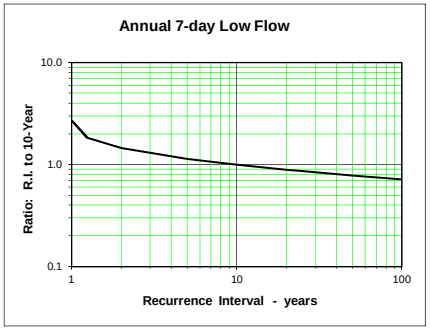
2017																		2017
Avg.	0.51	0.42	0.57	2.52	8.36	8.13	3.12	1.20	0.84	0.76	1.09	0.61	2.41	2.46		18.19	0.66	0.31	m^3/s
S. D.	0.32	0.17	0.28	0.83	1.57	3.38	1.57	0.38	0.27	0.25	0.95	0.41	0.55			4.93	0.16	0.10	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.51	0.42	0.57	2.52	8.36	8.13	3.12	1.20	0.84	0.76	1.09	0.61	2.41	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	13	10	14	62	211	199	79	30	20	19	27	15	718	mm	10-Year	26.6	0.485	0.203	m^3/s









HOWELL CREEK ABOVE CABIN CREEK 08NP003

Station Longitude Latitude: -114.53623 49.09471

Monthly and Annual Discharge in m^3/s | Drainage Area = 141.55 km^2 | Median Elevation = 1820 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
1981	1.65	0.91	1.00	3.37	10.90	9.61	5.14	2.29	1.34	0.92	0.70	0.50	3.21	May 26	17.40	1.09	0.38	1981
1982	0.41	0.56	0.51	0.85	9.23	12.60	5.33	2.23	1.30	0.99	0.74	0.51	2.95	May 26	23.40	1.07	0.31	1982
1983	0.62	0.56	0.57	2.43	10.40	9.01	5.60	2.59	1.50	0.95	1.49	0.68	3.05	May 30	22.30	1.23	0.40	1983
1984	1.05	0.81	0.69	2.44	6.26	8.17	3.52	1.61	1.04	0.83	0.61	0.41	2.29	May 31	14.20	0.96	0.38	1984
1985	0.41	0.40	0.32	2.44	10.80	7.09	2.57	1.43	1.54	1.70	1.61	0.96	2.62	May 20	18.40	1.09	0.29	1985
1986	0.70	1.04	2.24	5.02	8.67	7.01	2.46	1.38	0.84	0.88	0.94	0.77	2.67	May 29	20.13	0.77	0.54	1986
1987	0.44	0.29	0.66	4.45	10.20	4.03	1.58	1.02	0.77	0.51	0.45	0.36	2.07	May 02	19.40	0.66	0.26	1987
1988	0.34	0.27	0.30	3.49	8.41	5.65	2.03	1.13	0.74	1.30	1.54	0.75	2.16	May 13	15.40	0.62	0.25	1988
1989	0.66	0.50	0.54	3.16	8.60	8.48	3.15	1.73	1.46	1.14	3.64	1.72	2.90	May 08	16.08	1.03	0.46	1989
1990	0.96	0.75	0.64	6.00	10.80	12.50	5.37	2.48	1.47	1.19	2.64	1.41	3.86	May 06	20.70	1.22	0.56	1990
1991	0.92	0.87	0.83	3.09	13.60	13.00	6.43	2.56	1.41	0.97	0.79	0.62	3.77	May 19	28.70	1.22	0.52	1991
1992	0.49	0.49	0.72	3.13	7.47	3.69	2.09	1.14	0.97	1.16	0.86	0.62	1.91	May 08	11.90	0.88	0.41	1992
1993	0.47	0.43	0.45	1.99	11.10	5.64	4.41	2.19	1.29	0.99	0.71	0.63	2.54	May 15	21.90	1.12	0.36	1993
1994	0.49	0.45	0.60	3.58	9.30	6.02	2.47	1.27	0.77	0.61	0.57	0.44	2.22	May 13	16.80	0.66	0.27	1994
1995	0.40	0.61	0.92	1.50	8.44	14.80	5.02	2.37	1.29	1.36	3.28	2.89	3.58	Jun 07	41.50	0.98	0.30	1995
1996	0.89	0.89	1.04	4.87	11.60	16.60	7.23							Jun 04	26.80		0.64	1996
1997																		1997
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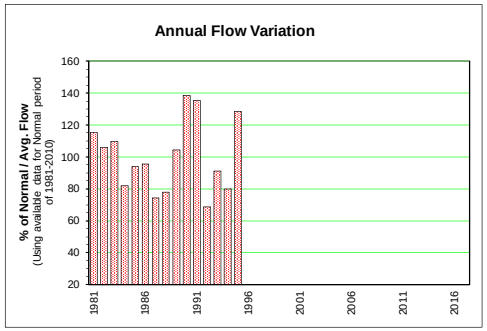
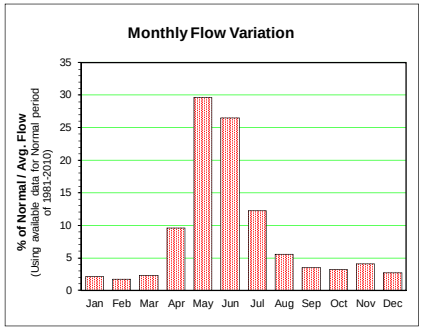
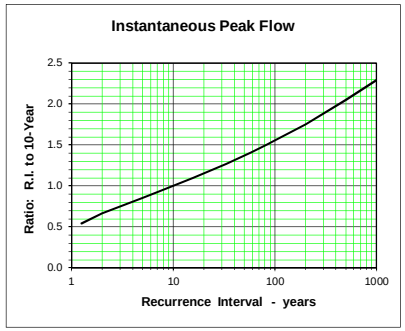
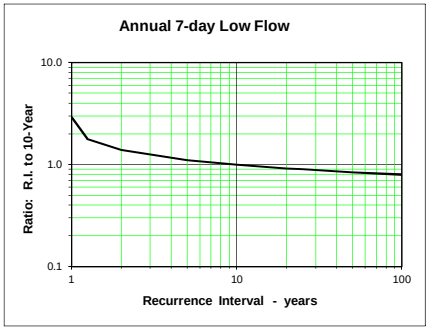
2016																		2016
2017																		2017
Avg.	0.68	0.61	0.75	3.24	9.74	8.99	4.03	1.83	1.18	1.03	1.37	0.88	2.79	2.76		20.94	0.97	0.40	m^3/s
S. D.	0.34	0.24	0.45	1.35	1.79	3.88	1.75	0.58	0.30	0.29	1.02	0.67	0.62			7.06	0.21	0.12	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.68	0.61	0.75	3.24	9.74	8.99	4.03	1.83	1.18	1.03	1.37	0.88	2.79	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	13	11	14	59	184	165	76	35	22	20	25	17	621	mm	10-Year	28.6	0.691	0.266	m^3/s







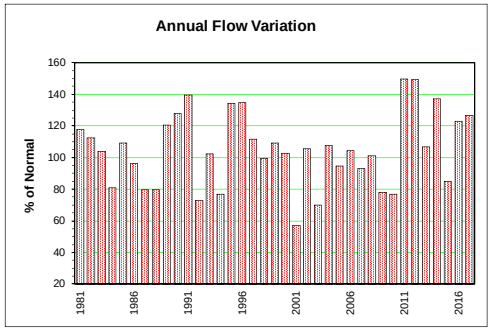


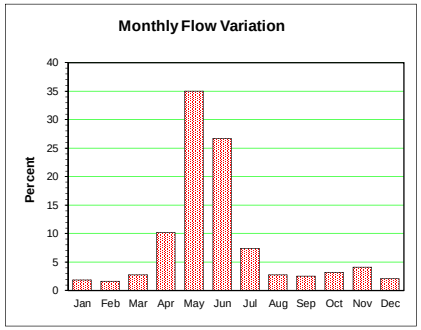
CABIN CREEK NEAR THE MOUTH 08NP004

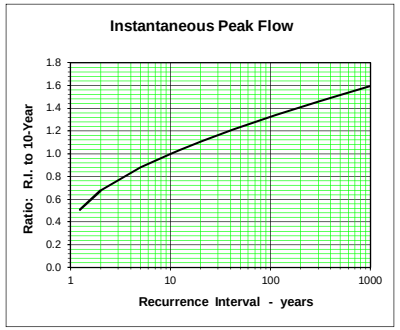
Station Longitude Latitude: -114.55392 49.09437

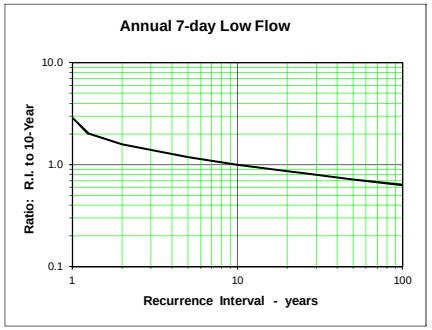
Monthly and Annual Discharge in m^3/s | Drainage Area = 91.64 km^2 | Median Elevation = 1792 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	1.830	0.618	0.72	3.28	8.77	6.64	2.29	0.79	0.66	0.54	0.43	0.35	2.25		May 01	18.70	0.52	0.29	1981
1982	0.385	0.623	0.45	0.88	7.84	10.50	2.53	0.59	0.49	0.61	0.52	0.37	2.15		May 25	25.30	0.43	0.30	1982
1983	0.451	0.473	0.54	1.89	8.46	4.76	3.18	0.86	0.63	0.60	1.42	0.46	1.99		May 25	24.10	0.58	0.30	1983
1984	0.542	0.458	0.44	1.71	5.81	5.94	1.39	0.48	0.56	0.47	0.41	0.32	1.54		May 30	20.60	0.42	0.29	1984
1985	0.274	0.167	0.22	2.55	10.90	4.89	0.74	0.43	1.19	1.65	1.49	0.42	2.09		May 20	25.90	0.34	0.15	1985
1986	0.324	0.540	1.19	3.31	8.59	4.46	0.89	0.42	0.41	0.73	0.66	0.47	1.84		May 28	21.40	0.36	0.27	1986
1987	0.296	0.311	0.63	4.22	8.77	2.05	0.56	0.42	0.28	0.23	0.23	0.20	1.53		May 01	24.90	0.25	0.19	1987
1988	0.173	0.169	0.23	3.22	7.38	3.62	0.58	0.29	0.31	1.00	0.96	0.35	1.53		May 12	24.20	0.24	0.14	1988
1989	0.233	0.205	0.35	2.89	7.77	6.59	1.23	0.78	1.03	1.06	4.09	1.38	2.30		Nov 10	41.60	0.57	0.16	1989
1990	0.721	0.453	0.47	3.55	8.26	8.81	2.65	0.73	0.50	0.67	1.86	0.64	2.45		May 30	19.80	0.47	0.36	1990
1991	0.493	0.586	0.55	2.93	11.30	9.84	3.77	0.78	0.42	0.38	0.51	0.33	2.67		May 19	29.70	0.39	0.25	1991
1992	0.250	0.316	0.68	3.34	6.27	2.00	0.85	0.43	0.89	0.76	0.51	0.35	1.39		May 06	13.90	0.37	0.22	1992
1993	0.260	0.200	0.42	1.47	10.10	4.44	3.57	1.03	0.65	0.38	0.38	0.39	1.96		May 13	25.80	0.48	0.18	1993
1994	0.303	0.218	0.31	3.03	7.88	3.44	0.78	0.34	0.30	0.36	0.32	0.27	1.47		May 10	19.20	0.27	0.18	1994
1995	0.240	0.599	1.64	2.33	8.69	9.30	1.70	0.93	0.49	1.48	2.10	1.24	2.57		Jun 07	40.57	0.42	0.19	1995
1996	0.406	0.437	0.90	2.37	7.40	13.50	2.87	0.88	0.65	0.60	0.54	0.45	2.58		Jun 08	34.10	0.56	0.30	1996
1997	0.468	0.407	1.20	1.51	7.17	9.51	1.80	0.59	0.49	1.26	0.72	0.37	2.13		May 16	26.00	0.32	0.32	1997
1998	0.344	0.310	0.38	2.23	10.80	5.23	1.44	0.63	0.38	0.42	0.32	0.22	1.90		May 03	20.60	0.35	0.18	1998
1999	0.367	0.423	0.57	1.63	5.73	8.56	2.98	0.95	0.47	1.08	1.94	0.35	2.09		May 25	26.20	0.42	0.26	1999
2000	0.485	0.592	0.73	2.95	8.86	6.58	1.35	0.49	0.51	0.48	0.30	0.24	1.96		May 21	18.30	0.39	0.17	2000
2001	0.252	0.229	0.25	0.91	6.12	3.04	0.72	0.36	0.32	0.30	0.41	0.13	1.09		May 23	14.80	0.29	0.10	2001
2002	0.142	0.262	0.18	0.53	6.27	12.10	2.74	0.68	0.49	0.42	0.23	0.16	2.02		May 30	26.70	0.43	0.11	2002
2003	0.220	0.206	0.39	2.01	5.46	4.62	0.75	0.35	0.33	0.76	0.52	0.41	1.34		May 25	25.00	0.28	0.14	2003
2004	0.444	0.436	0.88	5.22	6.63	3.46	1.52	1.19	1.63	0.85	0.82	1.56	2.05		May 02	14.70	0.52	0.29	2004
2005	1.320	1.050	0.99	2.19	5.76	4.69	1.08	0.50	0.64	2.00	0.93	0.49	1.81		May 13	10.40	0.41	0.37	2005
2006	0.540	0.399	0.44	2.44	9.85	4.70	0.93	0.48	0.35	0.33	2.90	0.47	1.99		Nov 07	33.20	0.29	0.27	2006
2007	0.336	0.235	1.90	2.60	8.91	4.31	0.92	0.42	0.35	0.52	0.38	0.32	1.78		May 09	19.50	0.32	0.21	2007
2008	0.247	0.232	0.24	0.59	10.10	7.69	1.58	0.47	0.48	0.50	0.64	0.31	1.93		May 18	33.40	0.39	0.20	2008
2009	0.244	0.247	0.30	1.30	6.43	5.84	1.38	0.71	0.27	0.36	0.47	0.24	1.49		May 30	19.00	0.18	0.12	2009
2010	0.236	0.283	0.33	1.82	3.99	5.30	1.14	0.48	1.39	0.72	1.42	0.52	1.47		May 18	16.00	0.43	0.15	2010
2011	0.402	0.292	0.25	0.46	7.80	16.90	5.17	1.07	0.60	0.59	0.43	0.37	2.86		Jun 06	29.20	0.54	0.22	2011
2012	0.314	0.377	0.59	3.69	8.96	12.60	3.25	0.63	0.43	0.84	1.90	0.72	2.85		Jun 17	31.70	0.38	0.21	2012
2013	0.488	0.373	0.58	1.51	11.80	6.11	1.06	0.55	0.52	0.66	0.45	0.27	2.04		May 13	35.60	0.37	0.23	2013
2014	0.238	0.224	0.30	0.81	11.20	12.50	2.28	0.73	0.47	0.45	1.17	0.93	2.62		May 24	37.30	0.36	0.20	2014
2015	0.603	1.540	2.15	3.06	5.70	3.15	0.60	0.35	0.34	0.30	0.83	0.88	1.62		Jun 03	12.31	0.28	0.25	2015
2016	0.338	0.339	0.82	7.32	9.00	2.72	0.70	0.41	0.43	2.86	2.51	0.70	2.35		May 06	25.00	0.34	0.28	2016
2017	0.470	0.420	1.23	1.85	12.90	8.85	1.20	0.48	0.35	0.39	0.34	0.36	2.42		May 24	36.25	0.33	0.30	2017
Avg.	0.424	0.412	0.66	2.42	8.21	6.74	1.73	0.61	0.56	0.75	0.97	0.49	2.00	1.99		24.89	0.39	0.23	m^3/s
S. D.	0.313	0.260	0.47	1.36	2.04	3.57	1.10	0.23	0.30	0.53	0.87	0.33	0.44			7.95	0.10	0.07	m^3/s
Normal	0.428	0.389	0.62	2.36	7.88	6.21	1.66	0.62	0.58	0.72	0.95	0.46	1.91	m^3/s					
Normal	12	10	18	67	230	176	49	18	17	21	27	13	658	mm	10-Year	35.05	0.27	0.14	m^3/s









ZONE 21 - LOWER KOOTENAY BASIN

GOAT RIVER NEAR ERICKSON 08NH004

Station Longitude Latitude: -116.45532 49.08901

Monthly and Annual Discharge in m^3/s | Drainage Area = 1211.03 km^2 | Median Elevation = 1560 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
1981	13.10	11.70	16.10	33.80	115.00	100.00	45.30	11.40	6.62	7.54	7.82	6.36	31.32	May 26	248.00	6.03	3.93	1981
1982	3.39	6.65	11.40	22.70	94.50	109.00	28.40	11.50	9.12	11.70	10.80	8.58	27.37	May 26	220.00	8.26	2.84	1982
1983	8.52	8.56	22.30	35.60	98.10	73.30	32.90	13.30	8.15	5.82	19.60	7.58	27.90	May 30	227.00	6.69	4.98	1983
1984	10.60	8.01	12.50	34.30	59.10	98.90	27.10	7.18	5.90	5.11	5.19	3.68	23.07	May 31	186.00	5.34	3.40	1984
1985	3.29	3.11	5.32	31.40	97.40	61.00	8.98	6.02	8.78	12.40	17.80	7.65	22.00	Jun 08	224.00	5.05	1.93	1985
1986	5.49	7.12	21.10	36.60	84.50	49.00	13.60	5.98	6.10	10.40	10.80	7.75	21.61	May 27	240.00	4.59	4.59	1986
1987	5.49	5.21	19.90	51.70	92.50	31.00	11.10	5.91	3.97	3.43	3.84	4.17	19.94	May 01	275.00	3.61	2.93	1987
1988	3.11	3.49	6.65	46.10	75.80	47.80	12.70	5.73	5.30	8.09	10.00	6.57	19.28	May 13	144.00	4.01	2.37	1988
1989	6.51	4.67	7.29	42.80	97.40	67.70	14.10	7.80	6.17	6.83	20.60	10.80	24.44	May 08	186.00	4.89	4.08	1989
1990	7.34	6.53	12.00	62.40	76.60	106.00	28.90	8.72	5.67	6.79	26.40	14.60	30.14	May 30	161.46	4.78	4.73	1990
1991	8.77	14.90	11.40	44.80	113.00	127.00	49.90	10.80	6.05	4.46	4.82	4.60	33.39	May 19	219.00	5.40	4.04	1991
1992	4.77	6.78	16.70	41.30	66.50	25.90	14.50	5.96	4.96	5.29	5.10	3.34	16.78	May 08	131.00	4.33	3.11	1992
1993	3.69	3.97	7.51	24.50	84.90	31.90	28.80	13.50	7.58	5.96	4.60	4.21	18.56	May 14	196.00	6.86	3.17	1993
1994	4.52	4.08	12.30	54.50	80.00	52.90	14.80	5.30	4.05	4.50	4.10	4.13	20.47	May 13	143.00	3.63	3.14	1994
1995	4.20	8.69	20.30															1995
1996																		1996
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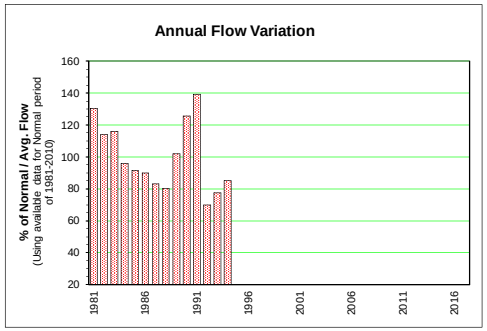
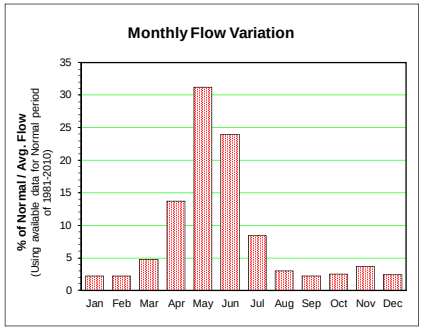
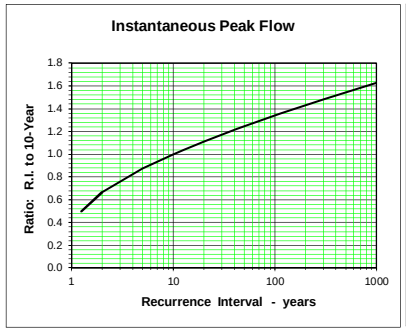
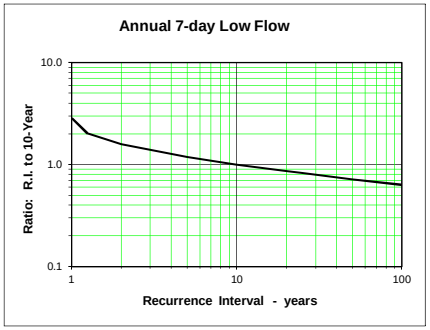
Avg.	6.19	6.90	13.52	40.18	88.24	70.10	23.65	8.51	6.32	7.02	10.82	6.72	24.02	25.66		200.03	5.25	3.52	m^3/s
S. D.	2.96	3.22	5.61	11.21	16.07	32.87	12.95	2.99	1.60	2.76	7.37	3.16	5.19			43.53	1.33	0.90	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	6.19	6.90	13.52	40.18	88.24	70.10	23.65	8.51	6.32	7.02	10.82	6.72	24.02	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	14	14	30	86	195	150	52	19	14	16	23	15	626	mm	10-Year	340.6	3.162	2.024	m^3/s







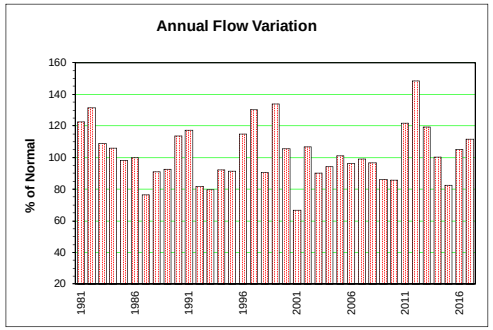


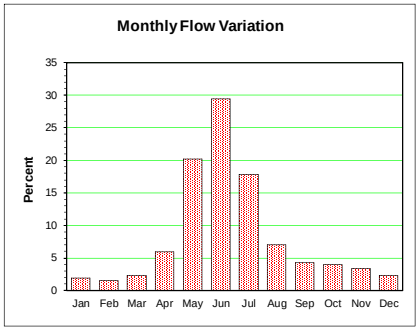
KASLO RIVER BELOW KEMP CREEK 08NH005

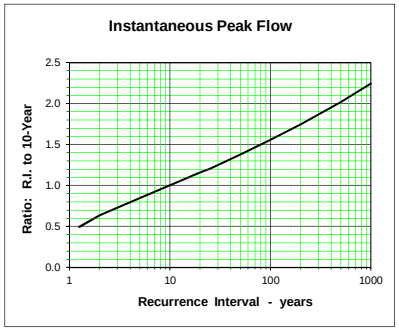
Station Longitude Latitude: -116.95333 49.90739

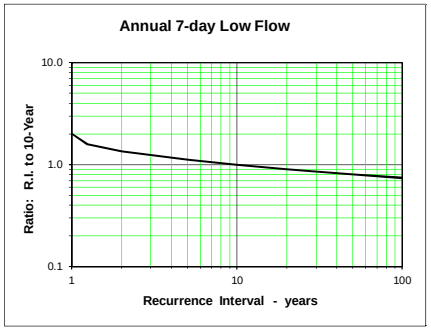
Monthly and Annual Discharge in m^3/s | Drainage Area = 440.46 km^2 | Median Elevation = 1808 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	3.91	3.28	4.30	8.59	39.20	40.00	44.60	16.50	7.75	7.60	6.32	4.35	15.63		May 26	100.00	6.39	2.84	1981
1982	3.10	3.07	3.12	5.20	29.00	74.10	38.20	16.60	10.50	8.26	5.94	3.99	16.79		Jun 15	115.00	8.60	2.28	1982
1983	3.34	3.10	4.94	10.30	33.20	43.60	30.30	12.50	8.18	4.88	7.38	4.01	13.86		May 29	96.30	6.00	2.74	1983
1984	3.77	3.11	3.93	8.97	15.10	58.00	36.60	12.20	7.88	5.85	4.05	3.03	13.53		Jun 29	139.00	6.68	2.79	1984
1985	2.46	2.16	2.21	8.17	38.00	44.20	17.20	7.74	9.75	7.91	6.86	3.52	12.55		May 24	102.00	5.78	2.08	1985
1986	3.05	2.82	4.57	10.10	33.60	51.90	21.20	8.62	5.05	5.20	3.86	2.69	12.75		May 28	131.00	4.06	2.48	1986
1987	2.19	2.05	3.08	9.59	38.00	29.60	13.80	6.55	4.08	2.69	2.39	2.31	9.74		May 12	93.20	3.35	1.97	1987
1988	1.67	1.76	2.13	11.20	30.70	43.20	19.50	7.26	4.78	8.02	5.41	3.34	11.58		Jun 24	252.00	3.96	1.59	1988
1989	2.77	2.19	2.30	8.41	25.80	44.90	19.50	10.50	7.80	5.08	7.63	4.35	11.79		Jun 15	71.50	5.20	2.09	1989
1990	3.22	2.73	2.96	14.50	25.40	53.00	38.00	11.10	5.39	5.36	7.46	4.55	14.51		Jun 25	94.40	4.24	2.47	1990
1991	3.02	3.53	3.24	10.00	31.00	49.40	46.30	15.70	6.69	3.84	3.16	2.69	14.95		Jul 03	98.50	4.85	2.45	1991
1992	2.14	2.43	4.67	11.50	32.90	33.80	13.10	6.73	5.05	6.07	4.00	2.63	10.43		May 26	67.20	4.02	1.94	1992
1993	2.13	1.79	2.37	5.82	37.90	28.20	16.80	9.50	5.76	4.36	3.38	2.91	10.14		May 14	78.90	4.82	1.66	1993
1994	2.43	2.06	3.22	15.80	34.40	39.40	22.60	7.65	4.70	3.60	2.75	2.33	11.78		May 13	62.50	3.96	1.96	1994
1995	1.71	2.03	3.39	5.79	25.00	45.30	18.60	10.80	5.86	7.33	6.99	6.61	11.65		May 30	70.50	4.60	1.44	1995
1996	3.77	3.01	3.56	10.70	22.40	54.70	42.00	14.10	7.04	6.27	4.80	3.37	14.66		Jun 09	100.00	5.59	2.75	1996
1997	2.72	2.33	3.40	7.35	37.10	62.80	37.50	12.10	10.90	11.60	6.84	4.22	16.63		Jun 16	93.60	7.95	2.17	1997
1998	2.95	2.85	4.02	9.77	43.50	29.90	19.90	8.31	4.71	4.35	4.14	3.29	11.54		May 27	67.60	4.12	2.51	1998
1999	2.65	2.35	3.47	9.49	26.00	55.70	44.60	24.50	8.42	5.96	14.40	6.45	17.06		Jun 17	112.00	6.28	2.21	1999
2000	4.19	3.31	3.49	11.70	26.90	47.10	34.80	11.50	6.88	5.33	3.49	2.63	13.46		Jun 15	67.10	5.52	2.42	2000
2001	2.15	2.53	4.42	6.85	25.80	23.30	14.40	6.85	5.11	3.25	4.32	2.70	8.49		May 28	84.10	4.40	2.03	2001
2002	2.44	2.09	1.98	6.62	25.80	64.10	36.30	9.29	5.47	3.59	2.94	2.64	13.63		Jun 29	122.00	4.33	1.79	2002
2003	2.16	1.90	3.21	8.69	23.40	49.80	19.70	6.90	4.59	8.74	5.09	3.35	11.48		Jun 08	76.80	3.82	1.74	2003
2004	2.31	2.07	2.99	12.30	27.30	40.10	19.40	9.04	12.80	6.97	4.97	3.97	12.01		Jun 06	73.50	7.11	2.00	2004
2005	4.55	4.38	4.75	10.30	31.60	40.00	24.10	8.04	5.80	11.10	6.01	3.78	12.91		Jun 18	59.50	4.43	2.84	2005
2006	3.30	2.60	2.55	9.57	42.10	47.00	18.00	6.54	4.31	3.06	5.15	2.94	12.29		May 19	108.00	3.82	2.36	2006
2007	2.28	2.17	5.93	10.50	33.40	48.20	24.30	7.64	4.43	5.43	3.93	2.95	12.64		Jun 05	119.63	3.71	1.93	2007
2008	2.29	2.11	2.17	3.80	32.30	44.40	26.00	11.70	6.72	6.39	6.35	3.47	12.33		Jun 22	95.30	5.39	1.93	2008
2009	2.75	2.44	2.43	6.02	22.70	43.50	23.10	10.20	5.77	5.26	4.43	2.61	10.96		May 30	71.20	4.62	2.13	2009
2010	2.64	2.42	3.15	8.66	19.40	41.60	23.30	9.21	6.98	5.46	4.69	3.22	10.91		Jun 24	57.50	4.90	2.38	2010
2011	2.86	2.44	2.65	4.83	27.10	61.70	47.90	16.80	6.98	5.46	3.94	2.94	15.53		Jun 30	136.00	6.24	2.23	2011
2012	2.42	2.08	2.65	10.90	33.00	74.50	62.90	14.70	5.77	5.98	7.30	4.84	18.95		Jul 01	174.00	4.65	2.00	2012
2013	3.17	2.87	4.09	10.10	42.30	58.70	30.90	9.29	7.57	6.50	3.99	2.69	15.23		Jun 20	0.90	6.08	2.50	2013
2014	2.35	1.88	2.40	6.14	33.40	47.10	26.10	8.73	5.88	6.07	7.90	5.09	12.80		May 24	74.10	4.94	1.81	2014
2015	3.57	5.43	7.45	10.10	30.80	35.70	10.80	5.57	5.86	4.10	3.89	3.15	10.54		Jun 03	67.30	4.46	2.72	2015
2016	2.59	2.71	4.00	21.10	37.70	36.00	18.50	8.09	5.53	9.62	10.10	4.99	13.42		Jun 07	71.40	5.10	2.41	2016
2017	3.35	2.67	3.98	9.77	43.40	60.30	25.30	7.71	4.23	3.20	3.56	3.01	14.24		Jun 09	110.00	3.10	2.45	2017
Avg.	2.82	2.61	3.49	9.44	31.3	47.2	27.73	10.45	6.51	5.94	5.40	3.56	13.06	13.26		94.96	5.06	2.22	m^3/s
S. D.	0.67	0.73	1.14	3.23	6.89	11.92	11.94	3.90	2.01	2.12	2.32	1.04	2.26			40.09	1.24	0.37	m^3/s
Normal	2.80	2.56	3.40	9.21	30.30	45.69	26.79	10.53	6.64	5.96	5.30	3.50	12.76	m^3/s					
Normal	17	14	21	54	184	269	163	64	39	36	31	21	914	mm	10-Year	143.61	3.73	1.60	m^3/s







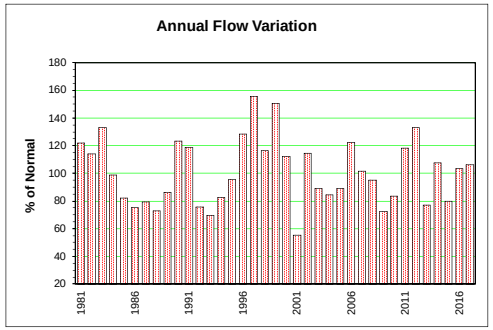


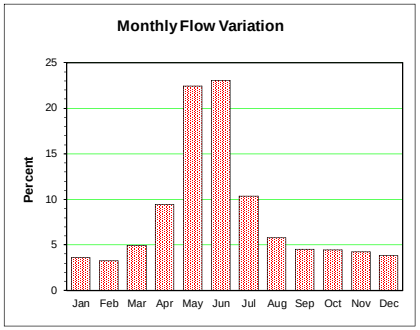
DUCK CREEK NEAR WYNNDEL 08NH016

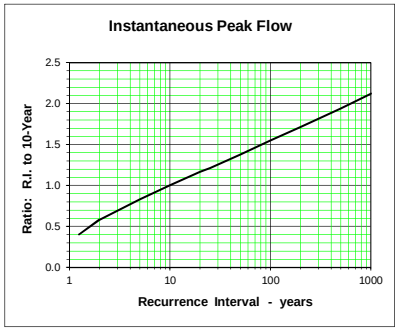
Station Longitude Latitude: -116.53389 49.20263

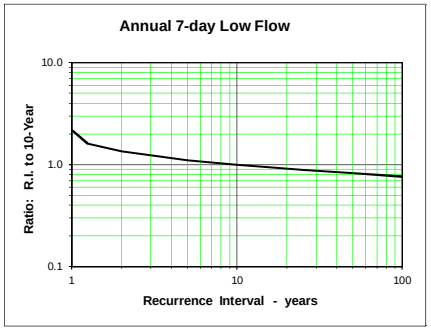
Monthly and Annual Discharge in m^3/s | Drainage Area = 49.32 km^2 | Median Elevation = 1542 m

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
1981	0.45	0.49	0.63	0.95	3.20	2.74	1.78	0.76	0.57	0.51	0.48	0.42	1.08		May 25	9.66	0.53	0.37	1981
1982	0.37	0.40	0.44	0.86	2.46	3.07	1.49	0.77	0.66	0.62	0.51	0.48	1.01		Jun 15	5.99	0.60	0.34	1982
1983	0.49	0.54	1.00	1.48	2.99	3.20	1.48	0.85	0.60	0.49	0.63	0.44	1.18		May 28	6.56	0.53	0.38	1983
1984	0.43	0.38	0.53	0.92	1.51	3.20	1.28	0.64	0.51	0.41	0.41	0.32	0.88		Jun 15	5.59	0.47	0.28	1984
1985	0.32	0.32	0.35	0.90	2.20	1.76	0.68	0.50	0.44	0.46	0.48	0.35	0.73		May 23	4.55	0.38	0.26	1985
1986	0.35	0.34	0.53	0.76	1.66	1.49	0.77	0.49	0.46	0.40	0.42	0.35	0.67		May 29	4.82	0.42	0.29	1986
1987	0.32	0.32	0.69	1.13	2.41	1.14	0.66	0.46	0.35	0.32	0.32	0.33	0.71		May 01	4.91	0.32	0.28	1987
1988	0.27	0.26	0.32	1.01	1.90	1.55	0.68	0.42	0.37	0.33	0.36	0.31	0.65		May 13	3.09	0.33	0.25	1988
1989	0.31	0.26	0.31	0.92	2.02	2.23	0.75	0.64	0.46	0.42	0.45	0.39	0.76		Jun 06	4.93	0.37	0.21	1989
1990	0.33	0.30	0.44	1.47	2.35	4.14	1.37	0.70	0.51	0.48	0.58	0.48	1.10		Jun 04	6.03	0.47	0.26	1990
1991	0.43	0.53	0.48	1.20	2.85	3.11	1.49	0.76	0.54	0.43	0.41	0.39	1.05		May 22	4.72	0.50	0.37	1991
1992	0.38	0.42	0.59	1.11	1.81	1.03	0.78	0.46	0.40	0.39	0.36	0.32	0.67		Jun 27	4.34	0.38	0.31	1992
1993	0.30	0.29	0.35	0.53	1.78	1.04	0.97	0.65	0.44	0.39	0.34	0.31	0.62		May 15	3.38	0.41	0.27	1993
1994	0.28	0.28	0.41	1.24	1.96	1.86	0.84	0.46	0.37	0.36	0.38	0.36	0.73		Jun 06	3.76	0.34	0.25	1994
1995	0.34	0.37	0.56	0.69	1.87	2.46	0.89	0.57	0.47	0.51	0.62	0.79	0.85		Jun 06	4.32	0.42	0.31	1995
1996	0.57	0.60	0.63	1.45	2.56	3.84	1.63	0.69	0.49	0.45	0.43	0.37	1.14		Jun 09	5.55	0.46	0.34	1996
1997	0.45	0.37	0.74	1.22	3.79	5.19	1.61	0.75	0.70	0.67	0.58	0.47	1.38		Jun 01	9.41	0.57	0.35	1997
1998	0.42	0.44	0.72	1.29	3.96	2.17	0.99	0.58	0.47	0.44	0.45	0.40	1.03		May 27	7.16	0.46	0.27	1998
1999	0.39	0.40	0.58	1.08	2.52	4.50	2.59	1.17	0.78	0.71	0.72	0.57	1.34		Jun 17	8.32	0.71	0.37	1999
2000	0.49	0.54	0.67	1.63	2.78	2.52	0.99	0.56	0.48	0.50	0.42	0.39	1.00		May 23	5.18	0.40	0.36	2000
2001	0.32	0.21	0.32	0.47	1.20	0.94	0.55	0.40	0.33	0.42	0.43	0.31	0.49		May 28	2.44	0.30	0.19	2001
2002	0.30	0.39	0.37	0.90	2.74	3.54	1.31	0.66	0.54	0.52	0.49	0.46	1.02		May 21	8.72	0.50	0.25	2002
2003	0.34	0.30	0.58	0.91	1.88	2.49	0.74	0.45	0.47	0.57	0.39	0.35	0.79		Jun 02	5.26	0.38	0.27	2003
2004	0.40	0.38	0.55	1.27	1.88	1.43	0.69	0.45	0.51	0.51	0.46	0.45	0.75		Jun 06	3.09	0.38	0.27	2004
2005	0.42	0.41	0.44	0.83	2.05	1.84	1.02	0.58	0.50	0.54	0.47	0.39	0.79		May 16	3.97	0.45	0.31	2005
2006	0.50	0.41	0.48	1.41	3.57	3.02	1.06	0.63	0.51	0.49	0.54	0.42	1.09		May 21	9.69	0.49	0.34	2006
2007	0.41	0.37	0.87	1.34	3.02	1.94	0.69	0.49	0.44	0.50	0.43	0.33	0.90		Jun 05	4.76	0.42	0.30	2007
2008	0.29	0.29	0.32	0.49	2.72	2.75	1.07	0.57	0.43	0.45	0.44	0.32	0.84		May 18	8.72	0.37	0.24	2008
2009	0.34	0.31	0.33	0.54	1.50	1.93	0.76	0.51	0.40	0.38	0.40	0.31	0.64		May 30	4.52	0.37	0.28	2009
2010	0.30	0.27	0.34	0.73	1.35	2.79	0.95	0.52	0.46	0.38	0.44	0.37	0.74		Jun 03	4.50	0.42	0.27	2010
2011	0.34	0.33	0.38	0.62	2.19	4.40	1.94	0.70	0.48	0.44	0.42	0.37	1.05		Jun 08	6.55	0.43	0.29	2011
2012	0.34	0.32	0.37	1.33	3.10	4.34	1.82	0.64	0.49	0.43	0.33	0.66	1.18		Jun 06	8.77	0.43		2012
2013	0.38	0.34	0.45	0.63	2.07	1.20	0.69	0.49	0.68	0.45	0.46	0.35	0.68		Jun 20	10.06	0.35	0.24	2013
2014	0.37	0.34	0.54	0.66	3.48	2.52	0.94	0.67	0.50	0.44	0.45	0.49	0.95		May 17	7.07	0.41	0.25	2014
2015	0.39	0.84	0.98	1.11	1.53	1.13	0.54	0.37	0.37	0.35	0.48	0.43	0.71		Nov 14	2.40	0.33	0.33	2015
2016	0.33	0.47	0.68	1.90	2.42	1.55	0.67	0.40	0.36	0.76	0.92	0.59	0.92		May 22	3.43	0.33	0.31	2016
2017	0.40	0.40	0.86	1.37	2.82	2.41	0.90	0.50	0.39	0.42	0.45	0.38	0.94		May 24	6.35	0.37	0.32	2017
Avg.	0.37	0.38	0.54	1.04	2.4	2.5	1.08	0.59	0.48	0.47	0.47	0.41	0.89	0.93		5.75	0.43	0.29	m^3/s
S. D.	0.07	0.12	0.19	0.35	0.70	1.11	0.46	0.16	0.10	0.10	0.11	0.10	0.21			2.17	0.08	0.05	m^3/s
Normal	0.38	0.37	0.52	1.02	2.35	2.50	1.09	0.60	0.49	0.47	0.46	0.40	0.89	m^3/s					
Normal	20	18	28	54	128	131	59	33	26	25	24	22	568	mm	10-Year	9.00	0.31	0.22	m^3/s







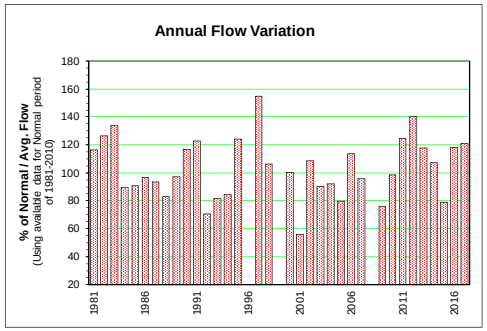


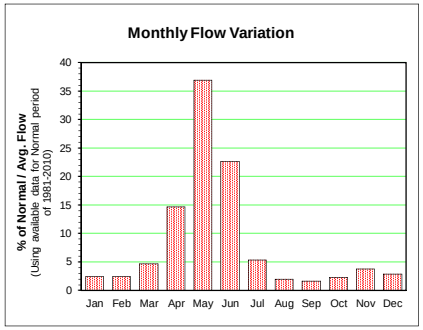
BOUNDARY CREEK NEAR PORTHILL 08NH032

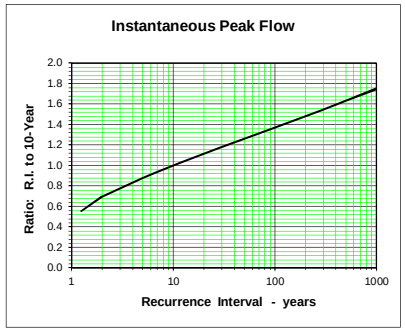
Station Longitude Latitude: -116.55935 49.00037

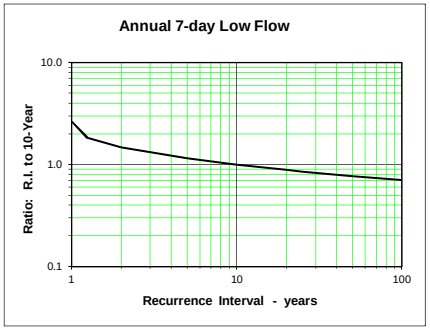
Monthly and Annual Discharge in m^3/s | Drainage Area = 243.97 km^2 | Median Elevation = 1509 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	3.26	2.70	2.95	8.05	26.40	17.20	7.55	2.10	1.24	2.45	2.85	2.25	6.61	May 01	53.57	0.88	0.88	1981
1982	2.18	2.87	3.25	5.40	26.60	28.10	7.33	2.13	1.65	2.42	2.07	1.99	7.18	May 25	66.30	1.30	0.78	1982
1983	2.20	2.45	5.18	9.27	29.80	19.70	7.91	2.72	1.51	1.35	6.75	1.88	7.58	May 29	66.50	1.17	0.93	1983
1984	2.52	1.64	2.11	6.63	17.60	21.60	3.79	1.00	0.84	0.74	1.55	0.95	5.07	May 30	54.40	0.70	0.63	1984
1985	0.80	0.61	0.77	6.42	27.00	12.50	1.39	0.82	1.44	3.09	4.91	1.67	5.14	May 24	58.30	0.56	0.52	1985
1986	1.39	2.12	6.85	12.00	20.90	7.51	2.86	1.20	1.65	2.48	3.86	2.63	5.47	May 26	46.70	0.76	0.76	1986
1987	1.47	1.44	6.24	15.20	25.70	6.35	2.09	1.24	0.81	0.66	0.73	1.50	5.31	Apr 30	75.60	0.74	0.48	1987
1988	0.74	0.74	1.45	16.50	20.10	8.59	1.86	0.72	0.75	0.94	2.55	1.62	4.71	May 13	46.20	0.43	0.43	1988
1989	1.50	0.93	1.36	10.80	25.80	13.50	2.06	1.50	0.98	1.03	4.12	2.47	5.52	May 10	60.90	0.70	0.59	1989
1990	1.97	1.54	2.29	17.30	20.40	20.60	3.56	1.22	0.69	1.01	5.85	3.32	6.64	Jun 10	48.40	0.56	0.55	1990
1991	1.51	3.56	2.59	13.00	29.30	20.40	7.23	2.25	1.14	0.75	0.92	0.90	6.97	May 19	74.47	0.88	0.62	1991
1992	0.86	1.35	3.62	13.70	16.30	4.54	2.57	0.88	0.96	1.05	1.18	0.91	4.00	Apr 30	47.30	0.66	0.66	1992
1993	0.83	0.78	2.22	7.52	26.20	6.99	4.46	1.96	1.20	1.18	0.84	0.97	4.63	May 13	53.50	1.00	0.61	1993
1994	0.82	0.64	2.31	14.30	20.60	11.70	2.73	0.90	0.73	0.97	0.83	0.86	4.79	Apr 21	45.60	0.57	0.57	1994
1995	1.52	4.49	6.03	6.70	26.20	16.00	2.59	1.18	0.85	3.34	8.05	7.36	7.04	May 17	54.20	0.64	0.61	1995
1996	2.40	5.70	3.90	16.00	31.30	25.70	4.21	1.36	0.90	0.97	1.16			Apr 24	86.11	0.72	0.72	1996
1997	1.88	1.22	4.82	10.50	32.90	29.90	6.34	1.86	4.10	5.98	3.91	1.85	8.80	Jun 01	91.12	1.13	1.00	1997
1998	1.77	1.78	3.41	11.20	31.50	12.70	3.12	1.20	0.58	1.02	1.75	2.10	6.04	May 27	78.20	0.43	0.43	1998
1999																		1999
2000	1.77	1.55	2.07	12.00	25.70	17.50	3.19	0.94	1.03	1.11	0.84	0.68	5.70	May 22	46.40	0.76	0.59	2000
2001	0.59	0.54	0.89	3.48	17.60	6.54	1.57	0.77	0.48	0.76	3.16	1.60	3.18	May 24	46.40	0.41	0.41	2001
2002	3.34	2.43	2.29	8.99	25.80	22.30	4.31	1.03	0.73	0.56	0.74	1.30	6.16	May 28	76.00	0.60	0.39	2002
2003	1.26	1.45	4.65	9.56	21.90	16.30	1.70	0.59	0.54	1.06	1.21	1.08	5.12	May 25	59.00	0.41	0.32	2003
2004	0.84	0.96	2.20	13.20	21.60	10.60	2.73	1.38	2.00	1.89	2.37	3.02	5.24	May 02	39.40	0.83	0.56	2004
2005	3.00	2.76	2.86	8.45	18.60	8.27	3.29	1.13	0.87	1.50	1.54	1.91	4.53	May 16	51.80	0.69	0.68	2005
2006	1.87	1.63	1.83	10.40	34.00	17.20	2.66	1.07	0.74	0.67	3.38	1.60	6.44	May 20	101.00	0.68	0.45	2006
2007	1.35	1.39	9.03	11.50	23.90	10.30	1.49	0.68	0.54	1.33	1.00	2.45	5.44	Mar 25	63.10	0.48	0.48	2007
2008	0.94	0.94	1.14	2.69	30.20	22.60	3.10	1.24	0.83	1.03	1.78			May 21	90.30	0.71	0.66	2008
2009	0.99	0.78	0.96	4.63	21.60	15.10	2.65	1.02	0.70	0.91	1.30	0.84	4.31	May 30	55.80	0.59	0.58	2009
2010	0.99	0.88	1.48	7.75	20.00	23.50	3.36	1.08	1.31	1.28	3.37	2.07	5.59	Jun 03	73.30	0.78	0.78	2010
2011	2.57	1.62	1.72	3.52	23.90	35.60	10.20	1.57	0.78	0.95	1.37	0.96	7.07	Jun 08	58.90	0.68	0.62	2011
2012	0.90	0.75	1.61	11.10	27.80	32.00	7.82	1.33	0.75	1.38	4.91	5.22	7.96	Jun 05	85.80	0.65	0.62	2012
2013	2.05	1.48	3.30	10.40	35.00	17.10	3.10	0.96	1.71	2.03	1.50	1.11	6.68	May 22	116.00	0.69	0.69	2013
2014	0.83	0.71	2.31	6.12	30.60	17.10	3.12	0.95	0.74	1.26	3.43	5.32	6.08	May 23	59.70	0.62	0.56	2014
2015	2.59	9.39	9.75	9.26	10.20	3.69	0.84	0.53	0.59	0.65	2.98	3.73	4.48	Feb 07	42.80	0.45	0.45	2015
2016	1.76	2.61	4.87	20.30	18.70	6.00	1.61	0.77	0.74	9.49	10.80	2.96	6.71	Apr 21	45.90	0.58	0.58	2016
2017	1.19	1.74	7.41	10.90	32.40	18.20	2.25	0.72	0.56	1.35	2.97	2.29	6.86	May 23	71.90	0.43	0.43	2017
Avg.	1.62	1.95	3.38	10.13	24.84	16.21	3.68	1.22	1.05	1.68	2.85	2.16	5.85	5.68		63.64	0.69	0.60	m^3/s
S. D.	0.75	1.70	2.27	4.10	5.67	8.02	2.25	0.51	0.65	1.69	2.25	1.46	1.23			18.07	0.21	0.15	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	1.61	1.79	3.13	10.11	24.67	15.65	3.58	1.28	1.10	1.50	2.57	1.92	5.67	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	18	18	34	107	271	166	39	14	12	16	27	21	734	mm	10-Year	83.1	0.432	0.391	m^3/s







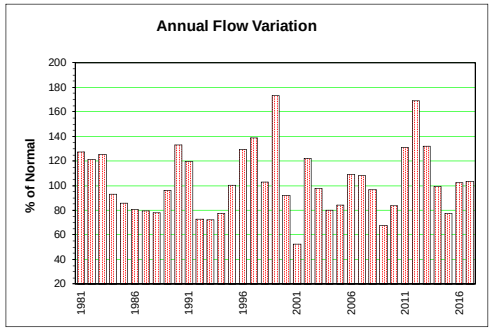


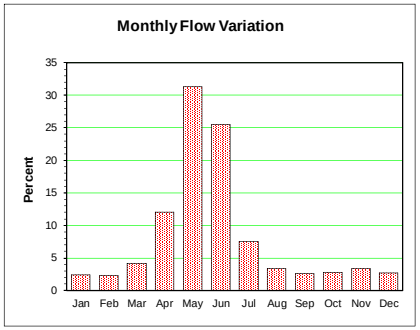
ARROW CREEK NEAR ERICKSON 08NH084

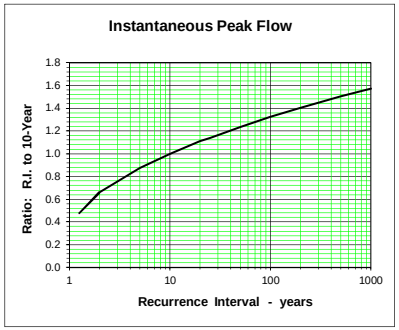
Station Longitude Latitude: -116.45229 49.15904

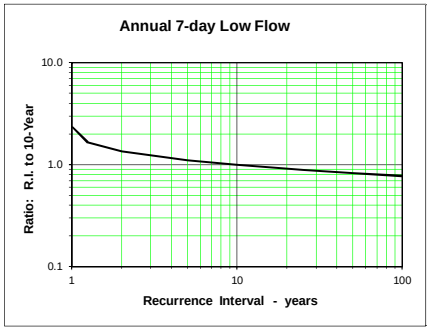
Monthly and Annual Discharge in m^3/s | Drainage Area = 78.31 km^2 | Median Elevation = 1577 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.79	0.67	0.86	1.80	8.41	7.40	2.74	0.86	0.50	0.49	0.48	0.40	2.12	May 26	24.40	0.45	0.36	1981
1982	0.41	0.75	0.64	1.61	7.11	7.94	1.81	0.85	0.83	0.88	0.73	0.63	2.02	May 26	28.70	0.65	0.35	1982
1983	0.62	0.69	1.39	2.95	7.77	5.19	2.31	1.07	0.66	0.53	1.20	0.61	2.09	May 29	30.20	0.56	0.48	1983
1984	0.56	0.47	0.74	2.03	3.84	7.33	1.52	0.56	0.48	0.41	0.40	0.30	1.55	Jun 15	14.60	0.44	0.28	1984
1985	0.28	0.28	0.35	1.94	6.48	3.32	0.76	0.51	0.61	0.79	1.22	0.58	1.43	May 22	15.20	0.40	0.25	1985
1986	0.45	0.46	1.10	2.11	5.18	2.87	0.93	0.51	0.53	0.63	0.70	0.57	1.34	May 27	22.90	0.42	0.35	1986
1987	0.44	0.40	1.18	3.14	6.13	1.84	0.77	0.50	0.38	0.33	0.34	0.36	1.32	May 01	22.80	0.35	0.30	1987
1988	0.30	0.29	0.44	2.93	5.24	2.86	0.85	0.52	0.49	0.50	0.66	0.54	1.30	May 13	10.90	0.41	0.27	1988
1989	0.44	0.29	0.46	2.93	6.66	4.22	1.00	0.68	0.50	0.49	0.92	0.61	1.60	May 07	17.80	0.43	0.26	1989
1990	0.51	0.42	0.72	4.25	5.77	9.30	1.73	0.69	0.44	0.47	1.47	0.92	2.22	Jun 10	20.60	0.37	0.36	1990
1991	0.48	0.91	0.67	3.18	7.40	6.30	2.35	0.84	0.56	0.44	0.43	0.38	2.00	May 18	18.30	0.51	0.36	1991
1992	0.39	0.47	1.07	3.27	4.71	1.43	1.11	0.51	0.45	0.42	0.40	0.35	1.22	Apr 30	9.70	0.41	0.33	1992
1993	0.35	0.35	0.48	1.27	5.74	1.76	1.72	0.92	0.56	0.45	0.38	0.35	1.20	May 13	16.20	0.48	0.31	1993
1994	0.33	0.33	0.69	3.37	4.75	3.12	1.04	0.47	0.36	0.36	0.32	0.31	1.29	May 13	9.96	0.31	0.28	1994
1995	0.29	0.50	1.09	1.58	5.34	4.34	1.17	0.66	0.47	0.91	1.73	1.93	1.67	May 29	13.00	0.39	0.23	1995
1996	0.98	0.97	0.93	3.28	6.77	7.64	2.40	0.79	0.59	0.58	0.56	0.49	2.16	Jun 08	20.30	0.54	0.48	1996
1997	0.58	0.47	1.39	2.58	6.50	9.77	2.16	0.72	0.95	1.10	0.84	0.65	2.31	Jun 01	21.40	0.60	0.45	1997
1998	0.54	0.56	1.14	3.17	7.96	3.40	1.00	0.60	0.53	0.54	0.55	0.50	1.71	May 30	13.80	0.53	0.33	1998
1999	0.49	0.53	1.03	2.47	7.34	13.00	4.53	1.27	0.73	0.60	1.69	0.98	2.89	Jun 17	25.10	0.59	0.45	1999
2000	0.63	0.59	0.72	3.05	5.92	4.09	1.19	0.56	0.50	0.46	0.37	0.35	1.53	May 22	10.20	0.45	0.31	2000
2001	0.32	0.29	0.30	0.81	3.71	2.14	0.76	0.43	0.34	0.36	0.64	0.40	0.88	May 24	7.01	0.32	0.27	2001
2002	0.32	0.66	0.67	2.65	8.01	8.18	1.77	0.65	0.46	0.35	0.35	0.32	2.03	May 21	26.40	0.41	0.24	2002
2003	0.35	0.34	0.75	2.02	6.35	6.75	0.97	0.44	0.39	0.49	0.40	0.33	1.63	May 29	21.40	0.35	0.28	2003
2004	0.27	0.30	0.83	3.03	4.29	2.95	0.94	0.61	0.83	0.63	0.58	0.73	1.33	May 04	7.01	0.47	0.21	2004
2005	0.62	0.75	0.81	2.09	4.70	3.05	1.46	0.69	0.60	0.85	0.74	0.46	1.40	May 16	8.95	0.49	0.34	2005
2006	0.83	0.56	0.65	3.07	7.97	5.14	1.15	0.56	0.42	0.38	0.62	0.43	1.82	May 20	17.80	0.37	0.36	2006
2007	0.39	0.33	2.25	2.95	7.59	4.81	0.95	0.48	0.53	0.52	0.40	0.37	1.81	May 12	13.90	0.46	0.32	2007
2008	0.33	0.32	0.45	0.94	8.13	5.58	1.28	0.64	0.42	0.46	0.47	0.30	1.61	May 18	22.60	0.35	0.23	2008
2009	0.34	0.32	0.35	1.14	4.67	3.86	0.88	0.49	0.38	0.37	0.39	0.29	1.13	May 30	13.70	0.34	0.26	2009
2010	0.38	0.41	0.53	1.72	3.90	5.87	1.14	0.63	0.56	0.45	0.63	0.55	1.40	Jun 03	14.00	0.49	0.26	2010
2011	0.54	0.52	0.54	0.99	6.84	10.20	3.65	0.85	0.56	0.54	0.50	0.43	2.18	May 26	15.10	0.53	0.36	2011
2012	0.38	0.52	1.95	4.73	7.52	11.60	3.48	0.84	0.57	0.53	0.83	0.90	2.82	Jun 06	28.17	0.48	0.29	2012
2013	0.46	0.42	0.82	3.00	8.93	8.02	1.96	0.63	0.59	0.66	0.55	0.36	2.21	Jun 20	17.30	0.45	0.29	2013
2014	0.49	0.37	0.64	1.71	6.74	5.20	1.42	0.59	0.40	0.51	0.64	1.04	1.65	May 23	11.20	0.33	0.28	2014
2015	0.61	2.20	2.34	2.48	3.39	1.59	0.53	0.37	0.37	0.32	0.71	0.70	1.29	Feb 08	4.95	0.31	0.30	2015
2016	0.42	0.64	1.13	4.69	4.83	2.33	0.76	0.44	0.40	1.70	2.34	0.88	1.71	Apr 22	12.49	0.37	0.37	2016
2017	0.56	0.52	1.73	2.78	7.47	4.44	1.05	0.47	0.36	0.38	0.49	0.41	1.73	May 30	15.82	0.33	0.30	2017
Avg.	0.47	0.54	0.91	2.53	6.2	5.4	1.55	0.65	0.52	0.56	0.72	0.56	1.72	1.73		16.86	0.44	0.32	m^3/s
S. D.	0.16	0.33	0.50	0.97	1.50	2.95	0.90	0.19	0.14	0.26	0.45	0.31	0.45			6.52	0.09	0.07	m^3/s
Normal	0.47	0.49	0.82	2.44	6.14	5.18	1.48	0.66	0.53	0.54	0.69	0.53	1.67	m^3/s					
Normal	16	15	28	81	210	172	51	22	18	19	23	18	672	mm	10-Year	24.85	0.33	0.22	m^3/s







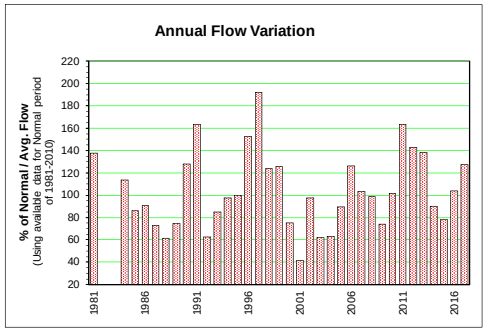


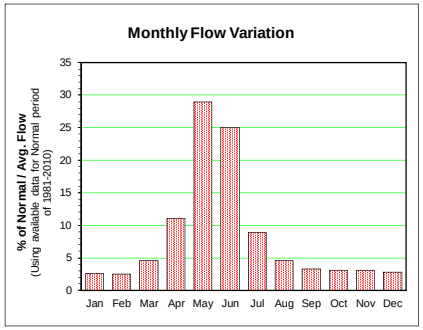
SULLIVAN CREEK NEAR CANYON 08NH115

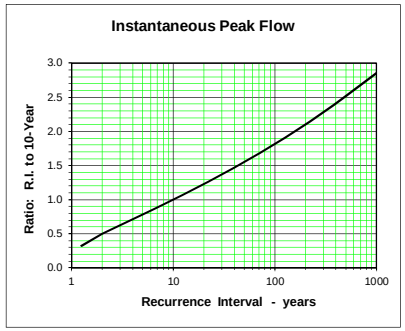
Station Longitude Latitude: -116.43644 49.10399

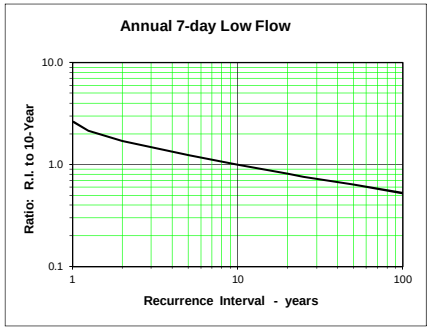
Monthly and Annual Discharge in m^3/s | Drainage Area = 6.07 km^2 | Median Elevation = 1559 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.040	0.035	0.040	0.091	0.265	0.237	0.111	0.047	0.031	0.026	0.023	0.021	0.081	May 26	0.481	0.026	0.020	1981
1982				0.048	0.187	0.159	0.065	0.039	0.032	0.028	0.025	0.022		May 18	0.347	0.026	0.019	1982
1983		0.032	0.065	0.095	0.192	0.160	0.081	0.052	0.032	0.026	0.040	0.025		May 28	0.401	0.026	0.022	1983
1984	0.025	0.022	0.028	0.080	0.161	0.267	0.088	0.036	0.027	0.025	0.024	0.018	0.067	Jun 09	0.401	0.025	0.017	1984
1985	0.016	0.015	0.019	0.076	0.184	0.112	0.037	0.027	0.037	0.024	0.033	0.026	0.051	May 21	0.327	0.024	0.014	1985
1986	0.019	0.022	0.049	0.079	0.165	0.116	0.049	0.026	0.028	0.030	0.029	0.026	0.053	May 28	0.319	0.021	0.016	1986
1987	0.021	0.020	0.047	0.084	0.146	0.062	0.036	0.028	0.018	0.018	0.017	0.016	0.043	May 01	0.305	0.016	0.012	1987
1988	0.013	0.014	0.017	0.077	0.103	0.071	0.039	0.024	0.020	0.017	0.020	0.017	0.036	Apr 17	0.171	0.018	0.011	1988
1989	0.012	0.009	0.012	0.076	0.158	0.111	0.040	0.029	0.019	0.019	0.022	0.018	0.044	May 10	0.232	0.017	0.008	1989
1990	0.018	0.015	0.024	0.130	0.188	0.312	0.081	0.034	0.025	0.022	0.029	0.023	0.075	Jun 01	0.851	0.022	0.013	1990
1991	0.016	0.043	0.027	0.144	0.394	0.315	0.102	0.040	0.023	0.014	0.016	0.015	0.096	May 19	0.722	0.020	0.013	1991
1992	0.015	0.018	0.026	0.080	0.140	0.059	0.030	0.016	0.015	0.015	0.013	0.012	0.037	May 08	0.245	0.012	0.011	1992
1993	0.013	0.013	0.019	0.047	0.216	0.097	0.062	0.039	0.029	0.024	0.018	0.019	0.050	May 13	0.488	0.025	0.011	1993
1994	0.019	0.017	0.036	0.133	0.167	0.171	0.063	0.022	0.014	0.018	0.015	0.013	0.057	Apr 21	0.291	0.007	0.007	1994
1995	0.014	0.027	0.043	0.056	0.176	0.157	0.058	0.034	0.021	0.025	0.037	0.056	0.059	Jun 06	0.313	0.018	0.010	1995
1996	0.039	0.045	0.045	0.136	0.310	0.264	0.083	0.046	0.031	0.028	0.028	0.021	0.090	May 19	0.593	0.027	0.019	1996
1997	0.029	0.023	0.061	0.103	0.441	0.462	0.077	0.036	0.039	0.031	0.029	0.019	0.113	Jun 01	1.170	0.028	0.017	1997
1998	0.015	0.016	0.041	0.082	0.350	0.208	0.053	0.026	0.021	0.020	0.020	0.019	0.073	May 30	1.230	0.019	0.012	1998
1999	0.014	0.012	0.041	0.062	0.259	0.255	0.093	0.048	0.028	0.024	0.026	0.022	0.074	May 24	1.400	0.023	0.011	1999
2000	0.014	0.017	0.024	0.083	0.145	0.112	0.053	0.022	0.018	0.016	0.014	0.014	0.044	May 23	0.269	0.016	0.012	2000
2001	0.010	0.010	0.011	0.021	0.071	0.065	0.034	0.019	0.012	0.013	0.015	0.011	0.024	May 28	0.139	0.011	0.009	2001
2002	0.010	0.010	0.009	0.047	0.215	0.212	0.077	0.035	0.025	0.015	0.016	0.015	0.057	May 22	0.775	0.020	0.006	2002
2003	0.017	0.014	0.033	0.063	0.093	0.103	0.031	0.016	0.017	0.017	0.019	0.014	0.036	May 29	0.204	0.013	0.012	2003
2004	0.009	0.006	0.022	0.062	0.094	0.098	0.049	0.026	0.021	0.019	0.019	0.019	0.037	Jun 06	0.204	0.018	0.004	2004
2005	0.023	0.023	0.021	0.052	0.153	0.169	0.069	0.031	0.025	0.024	0.022	0.019	0.053	Jun 17	0.476	0.021	0.013	2005
2006	0.026	0.019	0.026	0.121	0.320	0.206	0.059	0.031	0.021	0.017	0.022	0.019	0.074	May 19	0.919	0.018	0.015	2006
2007	0.018	0.020	0.088	0.096	0.209	0.149	0.045	0.024	0.018	0.022	0.019	0.019	0.061	Mar 25	0.468	0.016	0.014	2007
2008	0.013	0.014	0.015	0.030	0.230	0.225	0.061	0.033	0.022	0.021	0.019	0.014	0.058	May 21	0.564	0.019	0.011	2008
2009	0.009	0.005	0.011	0.057	0.155	0.142	0.048	0.029	0.017	0.019	0.018	0.011	0.044	May 31	0.340	0.015	0.005	2009
2010	0.011	0.011	0.016	0.058	0.128	0.293	0.075	0.029	0.023	0.022	0.026	0.025	0.060	Jun 03	0.560	0.020	0.010	2010
2011	0.032	0.024	0.022	0.061	0.330	0.413	0.128	0.048	0.027	0.023	0.022	0.020	0.096	Jun 07	0.708	0.024	0.015	2011
2012	0.021	0.019	0.024	0.136	0.211	0.295	0.126	0.048	0.031	0.027	0.028	0.040	0.084	Jun 06	0.588	0.025	0.015	2012
2013	0.025	0.019	0.047	0.109	0.313	0.261	0.073	0.032	0.030	0.025	0.022	0.016	0.081	Jun 20	0.895	0.023	0.014	2013
2014	0.014	0.017	0.036	0.076	0.211	0.121	0.049	0.027	0.020	0.016	0.020	0.024	0.053	May 25	0.308	0.016	0.012	2014
2015	0.020	0.065	0.085	0.056	0.112	0.090	0.033	0.018	0.016	0.015	0.019	0.022	0.046	Jun 02	0.191	0.014	0.013	2015
2016	0.017	0.029	0.048	0.153	0.172	0.097	0.035	0.021	0.017	0.037	0.075	0.031	0.061	May 22	0.451	0.015	0.015	2016
2017	0.023	0.031	0.083	0.116	0.320	0.170	0.043	0.024	0.018	0.020	0.024	0.021	0.075	May 06	0.620	0.016	0.016	2017
Avg.	0.019	0.021	0.035	0.083	0.208	0.184	0.063	0.031	0.023	0.022	0.024	0.021	0.061	0.061		0.513	0.020	0.013	m^3/s
S. D.	0.008	0.012	0.021	0.033	0.088	0.098	0.026	0.010	0.007	0.005	0.011	0.008	0.020			0.309	0.005	0.004	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.018	0.019	0.032	0.079	0.201	0.179	0.062	0.031	0.024	0.021	0.022	0.020	0.059	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	7.845	7.581	13.932	33.706	88.434	76.390	27.184	13.879	10.088	9.395	9.575	8.645	305.459	mm	10-Year	0.8		0.014	0.008	m^3/s







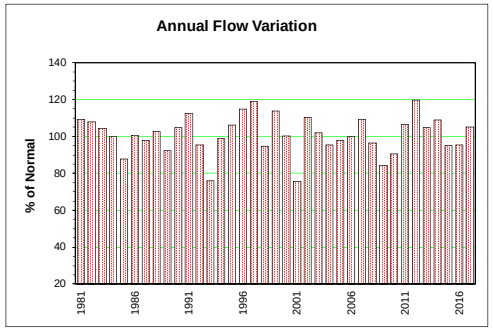


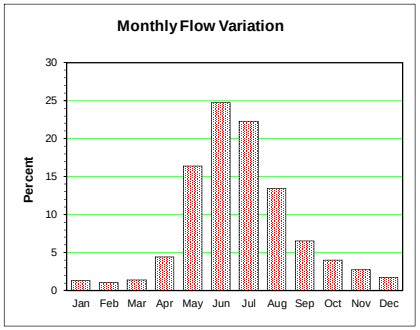
DUNCAN RIVER BELOW B.B. CREEK 08NH119

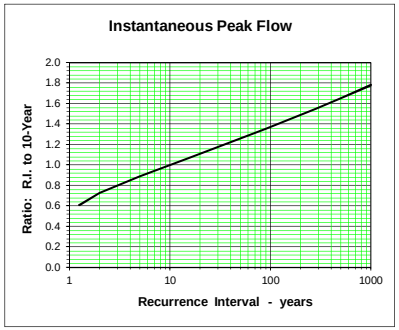
Station Longitude Latitude: -117.04833 50.63736

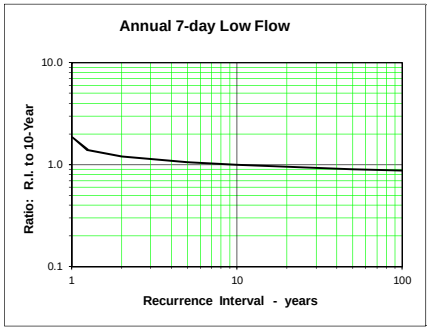
Monthly and Annual Discharge in m^3/s | Drainage Area = 1314.22 km^2 | Median Elevation = 1946 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	15.10	11.20	13.30	28.30	142.00	132.00	199.00	135.00	59.80	29.50	23.50	13.10	67.34	Jul 05	392.00	30.74	9.92	1981
1982	8.88	8.61	10.60	15.20	90.80	240.00	167.00	113.00	75.60	34.70	19.30	11.30	66.49	Jun 22	357.00	50.13	5.89	1982
1983	9.19	8.82	13.70	33.40	120.00	172.00	178.00	125.00	47.00	19.70	28.80	13.00	64.44	Jul 12	742.00	28.90	7.66	1983
1984	10.70	9.17	10.60	29.60	58.20	186.00	190.00	148.00	51.30	23.00	12.70	8.33	61.66	Jun 29	507.00	29.41	7.94	1984
1985	7.44	6.31	6.27	29.70	160.00	145.00	138.00	65.70	34.90	25.40	16.70	9.13	54.07	May 23	477.00	21.29	6.02	1985
1986	7.64	7.12	13.60	29.30	117.00	232.00	148.00	103.00	37.20	22.80	14.40	9.70	62.08	Jun 01	438.00	20.46	6.07	1986
1987	7.21	6.70	11.90	39.40	153.00	213.00	130.00	68.20	49.10	17.70	13.50	10.30	60.23	Jun 11	454.00	34.74	6.41	1987
1988	6.99	6.42	7.48	53.30	129.00	216.00	147.00	82.60	42.10	33.20	21.60	11.60	63.20	Jul 02	461.00	22.47	6.07	1988
1989	9.01	6.68	7.24	29.90	96.30	191.00	141.00	87.80	41.70	23.30	30.00	15.70	56.87	Jun 15	463.00	29.21	5.34	1989
1990	9.76	8.49	9.06	45.80	93.90	174.00	187.00	107.00	52.90	28.10	36.10	17.80	64.47	Jun 24	365.00	41.76	7.86	1990
1991	9.68	11.60	9.37	34.80	130.00	181.00	210.00	145.00	53.30	21.20	11.30	9.03	69.31	Jul 03	373.00	33.64	6.63	1991
1992	7.74	9.46	17.70	49.90	132.00	198.00	108.00	77.50	38.30	34.10	19.10	12.60	58.78	Jun 12	315.00	22.54	6.61	1992
1993	7.19	6.23	7.24	23.80	148.00	119.00	94.30	71.40	34.90	21.50	13.60	10.80	46.81	May 13	329.00	20.53	5.21	1993
1994	8.98	7.47	12.10	59.00	143.00	169.00	162.00	83.90	44.60	17.70	10.80	9.49	61.00	Jul 01	295.00	35.53	7.03	1994
1995	7.93	6.35	10.20	22.40	123.00	221.00	144.00	101.00	56.50	37.90	27.90	22.10	65.32	May 30	338.00	36.93	5.74	1995
1996	10.60	8.08	8.67	36.00	97.50	205.00	247.00	127.00	47.30	29.80	18.90	11.30	70.87	Jul 04	438.00	25.67	7.56	1996
1997	8.05	6.66	8.10	21.40	136.00	221.00	199.00	111.00	69.10	58.60	23.20	13.20	73.37	Jul 09	494.00	51.69	5.31	1997
1998	9.61	9.56	11.90	34.60	175.00	145.00	140.00	85.60	44.70	16.90	12.60	11.50	58.47	May 26	310.00	23.69	8.42	1998
1999	9.61	8.52	10.40	30.30	96.50	198.00	182.00	162.00	47.60	23.50	47.70	19.70	70.03	Jun 19	391.00	33.21	7.84	1999
2000	11.90	9.54	9.62	31.70	91.50	162.00	199.00	107.00	60.10	30.50	16.20	9.63	61.78	Jul 15	256.00	37.16	8.43	2000
2001	7.34	6.78	7.53	23.00	106.00	117.00	121.00	80.20	41.60	15.70	18.50	11.30	46.50	May 25	337.00	29.87	5.88	2001
2002	10.40	9.25	7.58	23.60	98.50	266.00	234.00	81.50	47.50	16.50	10.70	8.14	68.08	Jun 29	450.00	25.26	6.72	2002
2003	6.16	5.52	9.50	35.70	104.00	206.00	144.00	83.80	43.70	75.60	23.80	12.70	62.85	Oct 21	516.00	29.20	4.91	2003
2004	8.63	7.31	10.50	50.30	99.80	160.00	133.00	97.50	64.60	37.50	21.30	13.50	58.77	Jun 23	283.00	50.73	6.72	2004
2005	15.80	14.00	14.20	46.10	127.00	164.00	135.00	72.40	42.50	49.40	26.00	13.40	60.26	Jun 06	317.00	22.60	8.49	2005
2006	10.80	8.18	6.85	38.30	161.00	206.00	149.00	66.70	42.60	15.30	19.20	10.50	61.47	May 18	400.00	30.06	5.91	2006
2007	7.50	6.64	17.10	36.90	135.00	227.00	212.00	69.20	35.90	25.80	18.40	12.30	67.34	Jun 05	434.00	20.54	6.21	2007
2008	7.79	6.89	7.15	14.90	132.00	173.00	151.00	103.00	38.90	33.30	27.70	14.10	59.38	Jun 30	355.00	28.27	5.63	2008
2009	9.49	7.90	7.27	19.10	83.70	165.00	134.00	86.60	57.10	23.80	17.30	10.20	52.01	Aug 11	262.00	38.41	6.07	2009
2010	9.27	7.99	11.10	38.30	91.60	164.00	136.00	77.90	58.50	36.90	23.40	11.80	55.78	May 19	312.00	32.91	7.75	2010
2011	10.40	8.47	8.52	14.80	105.00	215.00	203.00	103.00	50.60	35.20	16.20	11.90	65.54	Jul 26	388.00	38.49	7.56	2011
2012	9.69	8.19	8.60	37.80	115.00	242.00	247.00	97.60	37.20	32.00	30.40	15.90	73.66	Jun 24	525.00	31.14	7.38	2012
2013	9.35	7.76	12.70	31.10	146.00	209.00	161.00	84.00	63.90	24.60	13.60	8.45	64.59	Jul 02	481.00	39.10	6.09	2013
2014	7.62	7.15	7.47	22.60	133.00	199.00	183.00	89.20	56.60	39.40	38.70	17.30	67.11	Jul 03	341.00	33.79	5.37	2014
2015	10.90	15.90	23.50	36.90	121.00	162.00	102.00	76.80	75.20	38.20	22.40	15.40	58.53	Jun 08	333.84	48.97	9.76	2015
2016	9.96	9.53	13.80	79.30	126.00	131.00	110.00	74.50	47.60	43.20	43.10	16.10	58.76	Jun 06	292.00	39.43	7.89	2016
2017	9.79	8.00	11.30	30.60	145.00	236.00	164.00	76.70	44.70	18.00	16.80	12.50	64.72	Jun 01	507.00	17.29	7.22	2017
Avg.	9.30	8.34	10.64	33.98	120.6	188.2	162.95	95.33	49.64	29.99	21.77	12.56	62.21	62.30		398.08	32.05	6.85	m^3/s
S. D.	2.00	2.11	3.57	13.09	25.38	36.62	39.13	24.38	10.80	12.51	8.93	3.20	6.28			97.22	9.01	1.24	m^3/s
Normal	9.21	8.12	10.26	33.47	119.04	185.60	161.98	97.52	48.70	29.30	20.81	12.24	61.63	m^3/s					
Normal	19	15	21	66	243	366	330	199	96	60	41	25	1480	mm	10-Year	525.20	22.42	5.44	m^3/s







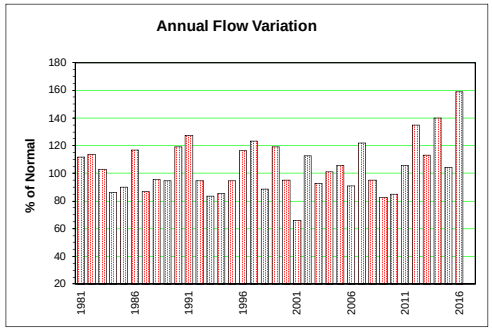


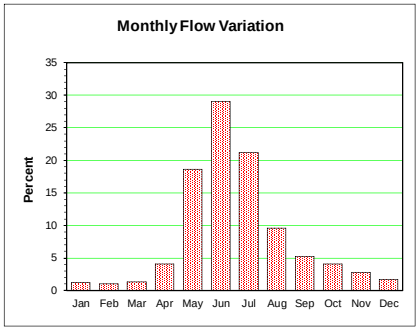
FRY CREEK BELOW CARNEY CREEK 08NH130

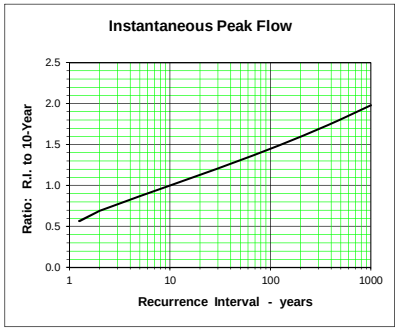
Station Longitude Latitude: -116.784754 50.081729

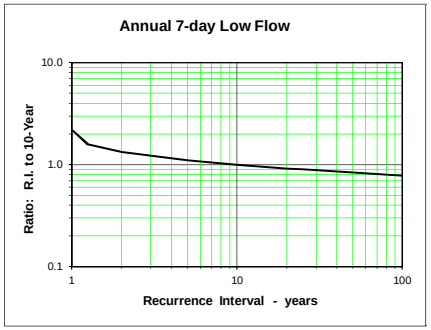
Monthly and Annual Discharge in m^3/s | Drainage Area = 583.94 km^2 | Median Elevation = 2049 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	4.14	2.66	2.92	7.31	52.30	48.70	68.10	34.00	12.70	8.62	5.39	3.18	21.01	May 26	149.00	8.32	2.32	1981
1982	2.22	2.17	2.32	3.28	32.70	92.90	52.80	28.90	18.90	11.40	5.10	3.00	21.37	Jun 15	144.00	12.91	1.54	1982
1983	2.71	2.40	2.86	9.02	41.40	59.50	56.60	26.80	12.60	5.36	8.45	3.55	19.38	Jul 12	168.00	7.24	2.25	1983
1984	2.65	2.37	2.50	7.38	15.70	68.60	52.00	23.10	9.56	5.16	3.35	2.66	16.26	Jun 29	180.00	6.62	2.22	1984
1985	2.26	1.98	2.16	7.86	51.10	57.50	34.80	14.60	13.30	7.61	5.76	3.24	16.92	May 23	123.00	7.99	1.95	1985
1986	2.54	2.37	3.49	9.19	53.70	97.70	46.10	21.80	8.43	8.51	5.59	3.46	21.98	May 28	250.00	5.48	2.03	1986
1987	2.40	2.14	2.71	12.40	59.40	55.80	29.60	13.80	8.21	3.86	2.85	2.24	16.36	May 12	179.59	6.11	1.75	1987
1988	1.45	1.25	1.54	13.70	44.00	71.20	33.40	15.80	9.25	13.30	6.92	4.08	18.00	Jun 08	160.00	6.89	1.19	1988
1989	2.81	2.03	1.92	8.62	31.20	66.80	37.10	23.30	15.70	8.49	10.50	4.92	17.83	Jun 15	135.00	10.87	1.72	1989
1990	3.81	3.14	2.88	16.80	36.50	79.10	65.50	25.30	10.90	9.15	10.40	4.43	22.41	Jun 25	165.00	7.72	2.68	1990
1991	3.28	3.42	3.34	8.44	52.30	73.50	78.10	37.30	13.60	5.68	3.70	2.92	23.95	Jul 03	154.00	8.48	2.68	1991
1992	2.37	2.48	5.40	15.70	49.40	64.20	27.10	15.50	10.70	11.60	5.46	3.46	17.80	Jun 13	145.00	7.89	2.08	1992
1993	2.45	2.08	2.22	5.40	57.00	44.60	30.50	17.90	11.00	6.76	4.00	3.17	15.69	Jun 01	155.00	8.97	1.82	1993
1994	2.77	2.77	3.13	18.00	41.60	50.20	39.10	15.00	8.15	4.85	3.97	2.71	16.09	Jul 02	115.00	6.74	1.87	1994
1995	2.10	2.56	2.93	4.95	33.90	66.90	35.00	24.20	12.60	12.00	8.88	7.20	17.83	May 30	130.00	7.83	1.49	1995
1996	3.25	2.58	3.30	11.30	25.70	70.60	89.70	25.70	10.90	9.38	5.99	3.80	21.92	Jul 04	192.85	7.86	2.18	1996
1997	2.94	2.50	3.17	6.33	45.90	80.80	60.90	23.90	20.30	18.20	7.74	3.96	23.16	Jun 01	169.00	14.16	2.21	1997
1998	2.40	2.12	2.58	9.19	59.60	47.20	35.90	16.60	9.45	6.70	4.44	2.90	16.70	May 26	161.00	7.39	1.83	1998
1999	2.82	2.54	3.10	9.60	31.50	70.70	60.20	39.80	13.10	8.20	19.10	6.71	22.38	Jun 17	170.00	9.11	1.96	1999
2000	3.99	3.05	2.91	10.30	31.80	58.90	55.60	21.20	11.20	7.92	4.24	2.71	17.86	Jul 01	98.70	7.17	2.43	2000
2001	2.08	1.69	1.82	5.00	35.70	36.50	28.40	14.70	9.08	4.84	5.32	3.36	12.42	May 24	134.00	6.90	1.58	2001
2002	3.04	2.41	2.17	3.86	37.90	112.00	55.30	16.40	9.70	5.19	3.33	2.59	21.19	Jun 16	201.29	6.44	1.89	2002
2003	1.82	1.62	2.30	9.59	34.40	68.10	36.70	14.80	9.35	19.90	6.71	3.61	17.47	Oct 21	148.00	6.80	1.28	2003
2004	2.50	2.17	2.71	15.30	36.70	58.70	39.30	23.30	26.20	10.30	6.45	4.23	19.00	Jun 06	105.00	15.60	2.08	2004
2005	5.42	4.71	4.34	13.10	45.40	59.40	46.80	15.20	10.80	20.60	7.65	4.49	19.92	Jun 18	103.00	5.95	3.17	2005
2006	3.08	2.28	2.28	9.22	51.80	67.00	33.60	11.90	7.79	4.26	7.89	3.91	17.14	May 19	135.00	6.84	1.93	2006
2007	2.88	2.43	5.65	11.30	56.30	97.40	60.70	14.60	7.38	7.52	4.52	3.24	22.91	Jun 04	217.00	5.56	2.30	2007
2008	2.49	2.15	2.19	3.88	39.40	60.50	44.90	24.40	12.10	9.85	7.73	3.92	17.84	Jun 22	138.00	9.17	2.06	2008
2009	2.86	2.49	2.33	5.20	29.50	59.30	39.60	18.10	10.40	7.21	5.49	2.97	15.51	May 30	123.00	8.01	2.07	2009
2010	2.71	2.23	2.79	10.50	26.20	53.60	36.70	18.70	15.40	10.60	7.08	4.26	15.95	May 19	103.00	8.48	2.04	2010
2011	3.39	2.40	2.77	3.39	32.80	75.30	64.50	26.50	11.10	8.05	4.45	3.26	19.93	Jun 30	202.00	10.54	1.76	2011
2012	2.28	2.20	2.25	11.20	41.00	97.50	88.30	24.90	8.59	10.10	10.40	4.69	25.34	Jun 24	244.00	7.37	1.79	2012
2013	2.90	2.79	3.53	8.76	58.80	87.20	45.60	15.00	12.50	8.83	5.00	3.52	21.28	Jun 20	324.23	10.06	2.02	2013
2014	3.03	2.21	2.29	3.64	63.40	106.00	70.80	23.80	11.50	10.70	12.70	4.76	26.35	May 23	184.41	7.68	2.12	2014
2015	3.50	4.25	6.70	13.10	60.50	72.00	27.90	14.50	15.90	7.41	5.11	3.83	19.61	Jun 09	156.69	10.02	3.18	2015
2016	2.96	2.87	3.61	43.70	78.00	86.80	53.70	30.00	15.20	21.10	15.50	4.50	29.86	Jun 07	175.98	10.22	2.66	2016
2017																		2017
Avg.	2.84	2.49	2.98	10.15	43.7	70.1	48.91	21.43	12.04	9.42	6.87	3.76	19.63	19.45		162.19	8.37	2.06	m^3/s
S. D.	0.72	0.64	1.08	6.95	13.13	17.88	16.80	6.89	3.85	4.43	3.46	1.04	3.54			45.93	2.27	0.44	m^3/s
Normal	2.81	2.43	2.87	9.39	41.33	66.60	47.00	21.22	11.96	9.10	6.47	3.70	18.81	m^3/s					
Normal	13	10	13	42	190	296	216	97	53	42	29	17	1016	mm	10-Year	216.99	6.12	1.48	m^3/s







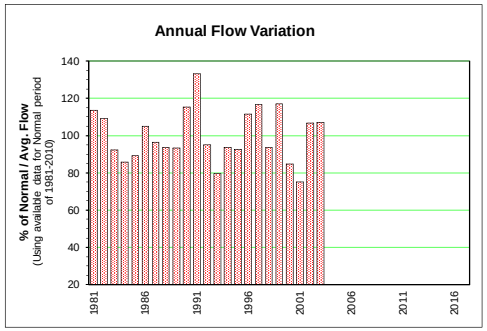


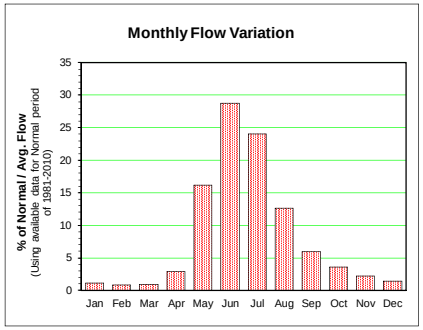
CARNEY CREEK BELOW PAMBRUN CREEK 08NH131

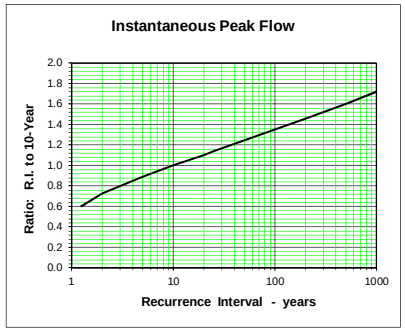
Station Longitude Latitude: -116.57494 50.15873

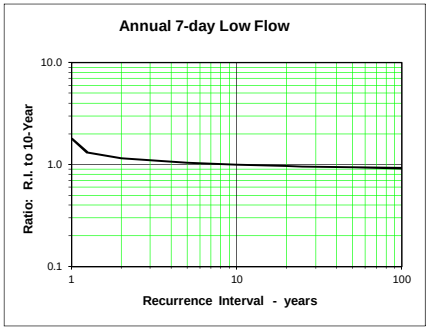
Monthly and Annual Discharge in m^3/s | Drainage Area = 117.95 km^2 | Median Elevation = 2193 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.97	0.75	0.69	1.28	11.10	10.70	18.00	11.00	3.71	1.70	1.08	0.79	5.19	Jul 05	35.40	1.92	0.635	1981
1982	0.54	0.58	0.47	0.48	4.99	21.30	13.80	8.08	5.15	2.49	1.10	0.66	4.98	Jun 14	33.80	3.32	0.407	1982
1983	0.58	0.50	0.48	1.34	8.28	13.50	12.80	7.35	2.59	1.02	1.21	0.63	4.22	Jul 12	38.20	1.52	0.459	1983
1984	0.66	0.57	0.50	1.44	3.53	15.40	13.80	6.48	2.19	1.06	0.70	0.54	3.91	Jun 29	42.80	1.38	0.488	1984
1985	0.45	0.39	0.39	1.56	10.80	13.40	10.80	4.65	3.11	1.55	1.00	0.57	4.08	May 24	27.94	1.86	0.385	1985
1986	0.45	0.42	0.50	1.30	11.30	19.20	11.10	6.69	2.41	1.93	1.25	0.79	4.80	May 28	53.50	1.39	0.365	1986
1987	0.55	0.45	0.47	2.30	13.90	15.60	9.43	4.80	3.09	1.03	0.56	0.48	4.41	Jun 16	42.00	2.14	0.392	1987
1988	0.39	0.37	0.37	2.18	9.18	16.40	9.44	5.47	2.80	2.56	1.35	0.83	4.28	Jun 07	32.90	1.79	0.350	1988
1989	0.66	0.48	0.43	1.32	6.69	15.70	11.00	6.87	3.40	1.56	1.87	0.94	4.26	Jun 15	29.60	2.17	0.384	1989
1990	0.71	0.66	0.55	2.53	7.70	17.90	17.60	7.94	3.21	1.97	1.39	0.76	5.27	Jun 23	37.10	2.39	0.494	1990
1991	0.69	0.61	0.52	1.95	11.20	19.40	21.00	10.70	3.66	1.52	0.74	0.57	6.09	Jul 03	54.80	2.21	0.477	1991
1992	0.43	0.37	0.77	2.79	10.70	17.30	7.52	4.85	2.64	2.72	1.28	0.76	4.35	Jun 13	41.70	1.62	0.331	1992
1993	0.52	0.45	0.43	0.77	11.40	10.80	7.94	5.44	2.82	1.38	0.70	0.63	3.63	Jun 01	41.20	1.82	0.408	1993
1994	0.50	0.44	0.47	3.62	10.50	13.30	12.30	5.18	2.48	1.01	0.64	0.60	4.28	Jul 02	29.00	1.93	0.419	1994
1995	0.38	0.35	0.38	0.67	6.97	16.90	10.40	6.32	3.54	2.26	1.37	1.10	4.24	Jun 06	28.00	2.14	0.335	1995
1996	0.71	0.57	0.60	1.62	5.32	16.70	19.60	8.48	3.05	2.20	1.30	0.77	5.10	Jul 04	38.90	1.86	0.478	1996
1997	0.63	0.50	0.49	0.65	8.88	18.50	16.60	7.60	4.70	3.15	1.23	0.72	5.33	Jun 01	34.80	3.20	0.428	1997
1998	0.47	0.45	0.42	1.43	13.10	11.50	11.80	5.69	3.22	1.36	0.91	0.63	4.28	May 27	29.00	1.75	0.374	1998
1999	0.56	0.50	0.45	1.32	6.31	16.60	15.20	11.90	3.44	1.79	4.01	1.69	5.34	Jun 16	46.80	2.44	0.408	1999
2000	0.86	0.68	0.56	1.60	6.61	14.00	10.90	4.79	3.33	1.75	0.80	0.58	3.88	Jul 01	23.90	2.13	0.496	2000
2001	0.51	0.43	0.45	0.97	8.25	10.00	9.43	4.80	3.29	1.17	1.00	0.69	3.43	May 24	30.10	2.43	0.387	2001
2002	0.62	0.55	0.53	0.71	6.31	22.80	16.40	5.15	3.04	1.06	0.63	0.48	4.87	Jun 29	45.10	1.67	0.451	2002
2003	0.46	0.40	0.43	1.32	8.06	18.80	11.40	6.03	2.69	5.79	2.11	0.93	4.89	Oct 21	58.40	1.62	0.361	2003
2004	0.63	0.60	0.56	2.90	8.32	18.10	11.80	6.75	5.54					Jun 26	36.40	3.90		2004
2005																		2005
2006																		2006
2007																		2007
2008																		2008
2009																		2009
2010																		2010
2011																		2011
2012																		2012
2013																		2013
2014																		2014
2015																		2015
2016																		2016
2017																		2017
Avg.	0.58	0.50	0.50	1.59	8.73	15.99	12.92	6.79	3.30	1.91	1.23	0.74	4.57	4.52		37.97	2.11	0.42	m^3/s
S. D.	0.14	0.11	0.09	0.79	2.65	3.35	3.66	2.06	0.82	1.04	0.72	0.26	0.64			9.06	0.62	0.07	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.58	0.50	0.50	1.59	8.73	15.99	12.92	6.79	3.30	1.91	1.23	0.74	4.57	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	13	10	11	35	198	351	293	154	72	43	27	17	1223	mm	10-Year	48.3	1.553	0.351	m^3/s







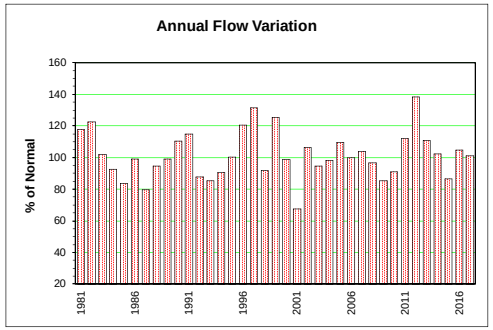


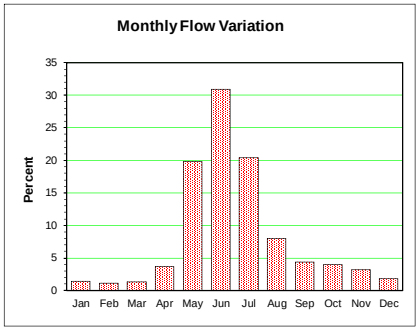
KEEN CREEK BELOW KYAWATS CREEK 08NH132

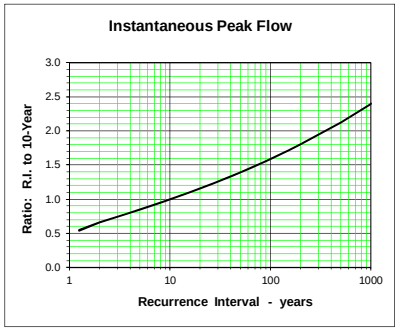
Station Longitude Latitude: -117.122084 49.872529

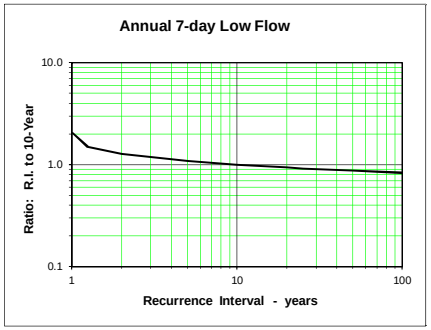
Monthly and Annual Discharge in m^3/s | Drainage Area = 93.28 km^2 | Median Elevation = 1997 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.87	0.64	0.58	1.47	10.20	9.32	12.20	4.65	1.93	1.99	1.43	0.96	3.88	May 26	28.80	1.44	0.54	1981
1982	0.68	0.59	0.55	0.67	5.86	17.70	10.30	4.77	3.08	2.25	1.28	0.65	4.04	Jun 25	26.30	2.08	0.49	1982
1983	0.49	0.40	0.47	1.50	8.11	11.00	9.08	3.69	2.02	0.92	1.84	0.68	3.37	Jul 12	28.70	1.16	0.34	1983
1984	0.74	0.51	0.48	1.19	3.27	13.30	9.42	3.26	1.79	1.49	0.73	0.42	3.05	Jun 29	35.80	1.38	0.38	1984
1985	0.35	0.28	0.26	1.23	8.88	10.20	4.29	1.86	2.28	1.48	1.21	0.61	2.75	Jun 07	33.00	1.27	0.25	1985
1986	0.45	0.40	0.55	1.69	8.92	14.00	6.05	2.57	1.31	1.37	0.96	0.80	3.27	May 28	34.50	0.90	0.37	1986
1987	0.65	0.55	0.43	1.84	10.30	8.53	4.45	1.85	1.11	0.59	0.53	0.47	2.62	May 12	30.80	0.78	0.35	1987
1988	0.28	0.35	0.38	2.11	8.19	12.20	5.92	2.09	1.29	2.52	1.35	0.79	3.13	Jun 23	23.50	0.93	0.25	1988
1989	0.61	0.47	0.52	1.62	6.82	13.20	6.22	3.38	2.07	1.24	1.93	0.96	3.26	Jun 15	27.00	1.16	0.44	1989
1990	0.66	0.52	0.44	2.14	5.92	14.20	11.20	3.09	1.27	1.44	1.70	1.01	3.64	Jun 25	31.60	0.98	0.41	1990
1991	0.66	0.59	0.46	1.25	6.28	13.40	13.90	5.26	1.65	0.75	0.56	0.48	3.79	Jul 04	25.90	1.07	0.44	1991
1992	0.49	0.39	0.56	2.60	9.78	10.70	4.08	1.94	1.32	1.61	0.83	0.44	2.90	May 26	19.90	0.85	0.35	1992
1993	0.31	0.29	0.36	0.69	11.00	8.96	5.62	2.79	1.36	0.96	0.69	0.53	2.81	May 14	22.90	1.05	0.28	1993
1994	0.42	0.37	0.40	2.85	8.56	11.10	7.10	1.97	1.07	0.69	0.54	0.56	2.98	Jul 02	23.10	0.89	0.35	1994
1995	0.35	0.33	0.35	0.68	7.02	14.20	6.78	3.57	1.46	1.80	1.51	1.45	3.30	Jun 05	22.10	0.94	0.31	1995
1996	0.62	0.59	0.98	1.98	5.36	14.50	13.50	4.53	2.04	1.75	1.00	0.66	3.97	Jun 08	28.90	1.50	0.52	1996
1997	0.55	0.47	0.65	1.30	9.51	16.70	10.80	3.39	3.32	3.12	1.27	0.74	4.34	Jul 09	31.90	1.94	0.40	1997
1998	0.50	0.45	0.48	1.68	11.50	8.78	6.53	2.49	1.22	0.93	0.87	0.65	3.03	May 27	20.90	0.98	0.41	1998
1999	0.51	0.46	0.48	1.24	5.57	14.20	11.10	7.74	1.91	1.20	4.02	0.99	4.13	Nov 12	37.00	1.22	0.41	1999
2000	0.69	0.60	0.51	1.90	6.39	11.70	9.84	3.13	1.80	1.29	0.66	0.42	3.25	Jul 01	18.10	1.26	0.37	2000
2001	0.35	0.30	0.30	0.63	6.68	7.39	4.57	2.13	1.34	0.82	1.35	0.84	2.23	May 28	28.30	0.94	0.28	2001
2002	0.71	0.58	0.48	0.94	6.28	17.50	10.00	2.28	1.30	0.73	0.59	0.55	3.50	Jun 29	45.10	0.92	0.45	2002
2003	0.47	0.41	0.55	1.28	5.93	13.20	5.84	1.96	1.24	3.48	2.24	0.68	3.11	Oct 21	30.20	0.91	0.37	2003
2004	0.45	0.40	0.44	2.32	6.64	11.60	6.18	3.25	3.76	1.87	1.06	0.90	3.24	Jun 06	25.10	2.46	0.37	2004
2005	1.18	0.96	0.75	2.02	8.98	12.10	7.97	2.40	1.49	3.17	1.29	0.83	3.61	Jun 18	20.70	0.94	0.63	2005
2006	0.63	0.52	0.43	1.22	11.30	13.30	5.90	1.96	1.16	0.61	1.68	0.65	3.29	May 20	31.20	0.89	0.40	2006
2007	0.42	0.36	1.32	1.93	8.77	13.70	7.82	2.05	1.21	1.43	0.97	0.97	3.43	Jun 05	33.50	0.86	0.34	2007
2008	0.47	0.40	0.36	0.51	8.34	11.50	7.35	3.54	1.55	1.81	1.59	0.65	3.18	Jun 22	31.10	1.24	0.33	2008
2009	0.49	0.37	0.34	0.63	5.46	12.00	6.83	2.98	1.62	1.43	1.08	0.50	2.82	May 30	20.50	1.20	0.28	2009
2010	0.49	0.40	0.40	1.58	4.97	11.80	7.32	3.13	2.30	1.58	1.20	0.70	3.00	Jun 24	18.00	1.11	0.38	2010
2011	0.57	0.61	0.48	0.41	5.32	15.70	12.30	4.26	1.53	1.23	1.03	0.78	3.70	Jun 30	40.30	1.31	0.38	2011
2012	0.42	0.40	0.44	1.48	7.33	18.30	16.70	3.98	1.17	1.70	1.88	0.75	4.55	Jul 01	68.20	0.95	0.38	2012
2013	0.47	0.41	0.46	1.32	10.80	14.10	7.76	2.60	2.45	1.71	0.97	0.68	3.66	Jun 20	51.40	1.82	0.37	2013
2014	0.64	0.43	0.40	0.79	8.62	12.60	7.77	2.76	1.68	1.68	2.20	0.79	3.38	May 24	24.50	1.13	0.37	2014
2015	0.65	0.91	1.15	2.05	8.38	11.10	3.82	1.92	1.77	1.08	0.78	0.54	2.85	Jun 09	22.10	1.36	0.43	2015
2016	0.40	0.39	0.42	4.59	9.15	9.95	6.21	2.57	1.33	2.96	2.49	0.92	3.45	Jun 07	22.10	1.09	0.38	2016
2017	0.53	0.45	0.65	0.92	9.67	14.40	7.38	2.39	1.14	0.66	0.83	0.75	3.33	Jun 09	22.42	0.55	0.43	2017
Avg.	0.55	0.47	0.52	1.52	7.8	12.7	8.11	3.09	1.71	1.55	1.30	0.72	3.35	3.34		29.34	1.18	0.38	m^3/s
S. D.	0.17	0.15	0.22	0.79	2.03	2.59	3.03	1.21	0.63	0.74	0.68	0.21	0.49			9.86	0.38	0.08	m^3/s
Normal	0.55	0.47	0.51	1.49	7.69	12.40	7.94	3.12	1.74	1.54	1.27	0.72	3.30	m^3/s					
Normal	16	12	15	41	221	345	228	90	48	44	35	21	1115	mm	10-Year	40.19	0.810	0.289	m^3/s







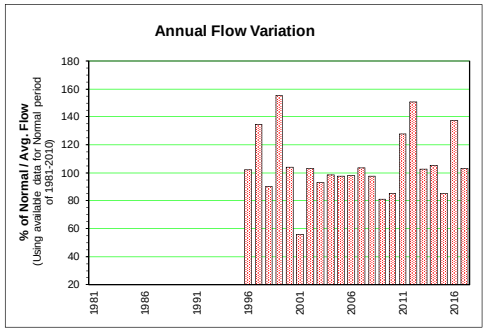


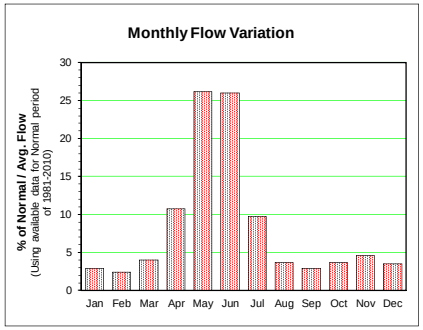
DUHAMEL CREEK ABOVE DIVERSIONS 08NJ026

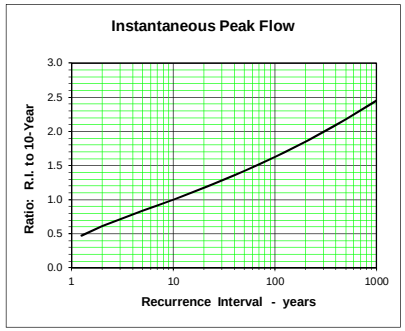
Station Longitude Latitude: -117.24269 49.59031

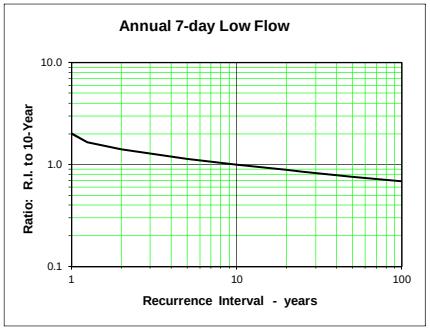
Monthly and Annual Discharge in m^3/s | Drainage Area = 54.75 km^2 | Median Elevation = 1576 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
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					4.20	4.87	0.94	0.37	0.28	0.59	1.32	1.43		May 30	7.71	0.27	0.27	1995
1996	0.66	0.62	0.76	2.67	3.55	4.89	2.51	0.60	0.39	0.42	0.48	0.36	1.49	Jun 04	8.07	0.35	0.30	1996
1997	0.42	0.35	0.78	1.79	6.88	6.68	2.42	0.58	0.93	1.31	0.79	0.56	1.96	May 17	16.43	0.47	0.32	1997
1998	0.50	0.50	0.81	1.90	5.68	2.72	1.10	0.54	0.34	0.37	0.58	0.68	1.32	May 03	8.56	0.33	0.31	1998
1999	0.49	0.41	0.76	2.08	4.78	7.21	4.77	1.70	0.66	0.69	2.46	1.03	2.26	Jun 16	13.40	0.49	0.36	1999
2000	0.52	0.47	0.57	2.65	4.58	5.03	2.20	0.56	0.48	0.49	0.38	0.28	1.51	May 22	6.53	0.40	0.25	2000
2001	0.22	0.19	0.27	0.73	3.22	2.17	0.69	0.34	0.26	0.26	0.90	0.52	0.81	May 24	7.21	0.22	0.18	2001
2002	0.74	0.56	0.45	1.52	4.22	6.15	2.20	0.62	0.41	0.34	0.36	0.41	1.50	Jun 29	10.80	0.37	0.29	2002
2003	0.36	0.37	0.88	2.05	3.44	5.08	1.11	0.44	0.37	1.00	0.68	0.45	1.35	Jun 08	8.31	0.34	0.30	2003
2004	0.38	0.36	0.70	2.68	3.98	3.63	1.04	0.61	1.30	0.92	0.77	0.89	1.44	Jun 05	8.64	0.43	0.35	2004
2005	1.03	1.00	0.80	1.72	3.97	3.41	1.34	0.61	0.49	1.20	0.83	0.62	1.42	May 16	7.20	0.43	0.43	2005
2006	0.76	0.59	0.59	2.42	5.51	4.25	0.95	0.43	0.31	0.27	0.67	0.39	1.43	May 20	15.40	0.29	0.25	2006
2007	0.35	0.35	1.58	2.47	5.49	4.18	1.14	0.46	0.34	0.54	0.52	0.62	1.51	Jun 05	14.10	0.30	0.30	2007
2008	0.35	0.21	0.30	0.97	5.23	5.13	1.54	0.69	0.52	0.67	0.94	0.47	1.42	May 20	20.20	0.44	0.17	2008
2009	0.41	0.35	0.35	1.27	4.05	4.11	1.33	0.52	0.37	0.43	0.57	0.37	1.18	May 30	10.20	0.33	0.33	2009
2010	0.39	0.35	0.63	1.56	2.99	4.18	1.32	0.89	0.73	0.56	0.81	0.49	1.24	Jun 03	7.63	0.66	0.34	2010
2011	0.53	0.48	0.47	0.90	5.23	7.37	4.56	0.82	0.49	0.46	0.50	0.42	1.86	Jun 29	13.90	0.45	0.28	2011
2012	0.41	0.41	0.54	2.56	5.35	8.21	4.38	0.87	0.51	0.64	1.35	1.11	2.20	Jun 06	19.30	0.44	0.38	2012
2013	0.52	0.39	0.75	1.10	5.82	5.19	1.53	0.53	0.52	0.74	0.46	0.33	1.50	May 22	11.10	0.33	0.30	2013
2014	0.28	0.20	0.47	1.36	5.70	4.68	1.33	0.53	0.39	0.59	1.46	1.37	1.53	May 23	9.81	0.33	0.18	2014
2015	0.65	1.69	1.76	1.70	3.30	2.47	0.60	0.44	0.46	0.40	0.81	0.71	1.24	Jun 03	6.92	0.38	0.36	2015
2016	0.45	0.59	1.12	4.61	5.55	3.43	1.23	0.51	0.39	2.19	2.82	1.15	2.00	Apr 22	8.50	0.35	0.35	2016
2017	0.53	0.45	1.09	2.03	5.71	4.81	1.38	0.46	0.30	0.33	0.46	0.37	1.50	May 30	10.30	0.27	0.24	2017
Avg.	0.50	0.49	0.75	1.94	4.71	4.78	1.81	0.61	0.49	0.67	0.91	0.65	1.53	1.53		10.88	0.38	0.30	m^3/s
S. D.	0.18	0.32	0.37	0.85	1.04	1.56	1.21	0.28	0.23	0.43	0.63	0.34	0.34			3.99	0.09	0.06	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.50	0.45	0.68	1.90	4.49	4.61	1.66	0.62	0.51	0.63	0.82	0.60	1.46	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	25	20	33	90	219	218	81	30	24	31	39	29	839	mm	10-Year	15.9	0.268	0.213	m^3/s







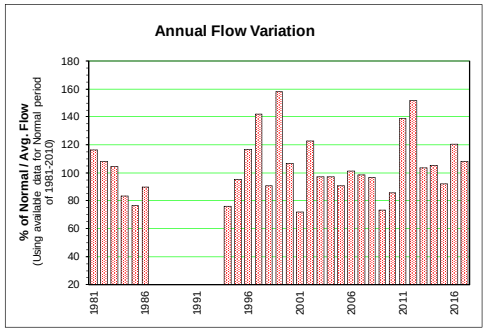


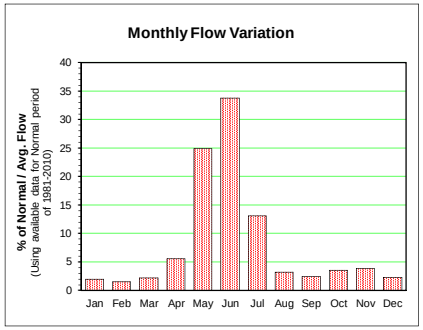
REDFISH CREEK NEAR HARROP 08NJ061

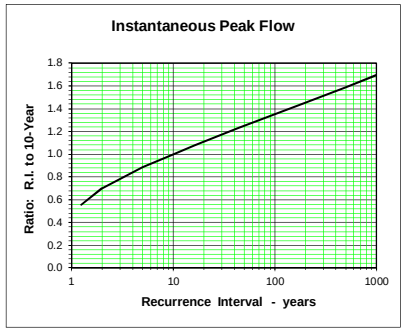
Station Longitude Latitude: -117.05547 49.62244

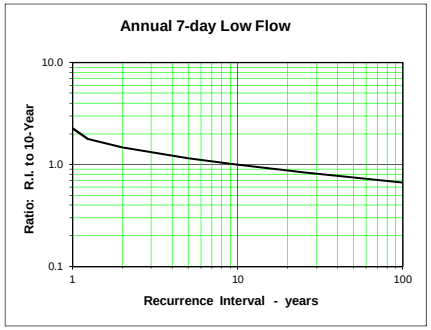
Monthly and Annual Discharge in m^3/s | Drainage Area = 26.01 km^2 | Median Elevation = 1819 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.35	0.24	0.22	0.47	2.86	3.26	2.51	0.37	0.23	0.53	0.43	0.25	0.98	May 25	8.70	0.14	0.14	1981
1982	0.17	0.24	0.17	0.27	1.84	4.62	1.64	0.52	0.43	0.47	0.31	0.23	0.91	Jun 15	9.53	0.29	0.15	1982
1983	0.19	0.19	0.29	0.51	2.33	3.76	1.73	0.31	0.26	0.19	0.60	0.19	0.88	May 29	8.84	0.18	0.12	1983
1984	0.27	0.14	0.16	0.40	0.93	4.07	1.61	0.22	0.20	0.19	0.16	0.10	0.70	Jun 29	11.90	0.12	0.10	1984
1985	0.08	0.06	0.06	0.50	2.95	2.70	0.31	0.12	0.18	0.27	0.37	0.12	0.65	Jun 07	11.90	0.07	0.05	1985
1986	0.09	0.13	0.26	0.48	2.44	3.41	0.93	0.19	0.21	0.36	0.34	0.20	0.76	May 30	14.90	0.13	0.07	1986
1987	0.15	0.12	0.26	0.77	3.20	1.68								May 12	8.69	0.56		1987
1988																		1988
1989																		1989
1990																		1990
1991																		1991
1992																		1992
1993				0.29	2.79	1.52	0.87	0.32	0.14	0.15	0.11	0.11		May 13	6.41	0.11		1993
1994	0.11	0.10	0.21	1.02	2.45	2.53	0.70	0.11	0.10	0.13	0.11	0.11	0.64	May 25	5.14	0.08	0.08	1994
1995	0.11	0.17	0.22	0.28	2.13	3.27	0.76	0.40	0.16	0.58	0.91	0.64	0.80	May 30	6.41	0.12	0.10	1995
1996	0.19	0.18	0.24	0.78	1.57	4.48	3.19	0.50	0.17	0.18	0.18	0.16	0.98	Jun 03	7.44	0.16	0.16	1996
1997	0.16	0.14	0.36	0.47	3.21	5.75	2.15	0.24	0.61	0.79	0.29	0.15	1.20	May 31	10.30	0.15	0.13	1997
1998	0.14	0.15	0.19	0.59	4.29	2.27	0.63	0.19	0.15	0.17	0.18	0.18	0.76	May 07	7.59	0.14	0.12	1998
1999	0.15	0.15	0.20	0.60	2.11	4.67	3.77	1.50	0.22	0.38	1.63	0.53	1.33	Nov 12	8.39	0.15	0.15	1999
2000	0.19	0.15	0.16	1.01	2.26	4.10	1.93	0.22	0.22	0.27	0.16	0.13	0.90	Jun 06	6.10	0.15	0.13	2000
2001	0.13	0.12	0.12	0.38	2.71	1.98	0.47	0.19	0.14	0.15	0.64	0.23	0.61	May 24	8.01	0.12	0.09	2001
2002	0.35	0.26	0.18	0.57	2.43	5.92	1.78	0.27	0.18	0.16	0.16	0.17	1.03	Jun 15	10.20	0.15	0.13	2002
2003	0.13	0.13	0.26	0.57	1.98	4.30	0.74	0.16	0.14	0.78	0.41	0.23	0.82	Jun 07	8.98	0.12	0.11	2003
2004	0.16	0.14	0.22	0.97	2.34	2.73	0.69	0.33	0.93	0.53	0.37	0.44	0.82	Jun 05	8.54	0.16	0.13	2004
2005	0.51	0.37	0.28	0.69	2.54	2.23	0.67	0.18	0.20	0.87	0.36	0.25	0.76	Oct 17	7.00	0.13	0.13	2005
2006	0.26	0.20	0.17	0.55	3.63	3.72	0.52	0.17	0.14	0.14	0.50	0.22	0.85	May 20	11.03	0.12	0.12	2006
2007	0.18	0.16	0.55	0.83	2.81	3.64	0.62	0.20	0.19	0.27	0.23	0.28	0.83	Jun 05	11.00	0.18	0.15	2007
2008	0.20	0.18	0.17	0.24	2.66	3.49	1.09	0.42	0.29	0.37	0.41	0.23	0.81	Jun 22	9.24	0.21	0.17	2008
2009	0.21	0.18	0.18	0.36	1.69	2.99	0.80	0.22	0.14	0.20	0.24	0.18	0.62	May 30	6.83	0.11	0.11	2009
2010	0.19	0.14	0.19	0.69	1.69	3.47	0.95	0.20	0.28	0.27	0.38	0.23	0.72	Jun 03	6.72	0.13	0.13	2010
2011	0.26	0.18	0.17	0.26	1.65	5.39	4.77	0.51	0.17	0.26	0.21	0.14	1.17	Jun 30	14.58	0.15	0.12	2011
2012	0.13	0.13	0.11	0.67	2.24	6.57	3.78	0.29	0.13	0.32	0.66	0.30	1.28	Jul 01	15.00	0.10	0.09	2012
2013	0.18	0.17	0.32	0.58	3.30	3.75	0.90	0.21	0.30	0.33	0.24	0.16	0.87	Jun 19	10.30	0.13	0.13	2013
2014	0.15	0.13	0.21	0.46	2.69	3.60	1.12	0.25	0.18	0.36	0.85	0.59	0.89	May 23	6.00	0.13	0.11	2014
2015	0.29	0.61	0.75	0.93	2.67	2.34	0.33	0.14	0.27	0.19	0.47	0.33	0.78	Jun 03	6.26	0.10	0.10	2015
2016	0.23	0.27	0.39	1.96	3.22	2.22	0.64	0.17	0.15	1.21	1.30	0.43	1.02	Oct 09	6.55	0.10	0.10	2016
2017	0.25	0.21	0.47	0.61	3.06	4.34	1.06	0.14	0.09	0.16	0.29	0.22	0.91	May 31	8.90	0.08	0.08	2017
Avg.	0.20	0.18	0.25	0.62	2.52	3.59	1.41	0.30	0.23	0.36	0.44	0.25	0.88	0.87	8.98	0.15	0.12	m^3/s
S. D.	0.09	0.10	0.14	0.33	0.68	1.24	1.13	0.25	0.17	0.26	0.34	0.14	0.19		2.61	0.09	0.03	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.19	0.17	0.22	0.57	2.47	3.46	1.29	0.31	0.25	0.35	0.40	0.23	0.84	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	20	16	23	57	255	345	133	32	24	36	39	24	1021	mm	10-Year	12.6	0.093	0.075	m^3/s









FELL CREEK NEAR NELSON 08NJ129

Station Longitude Latitude: -117.26024 49.50357

Monthly and Annual Discharge in m^3/s | Drainage Area = 4.73 km^2 | Median Elevation = 1649 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
1981	0.019	0.022	0.031	0.070	0.256	0.270	0.118	0.032	0.020	0.026	0.026	0.027	0.077			0.014	0.014	1981
1982	0.019	0.026	0.029	0.052	0.252	0.331	0.116	0.066	0.040	0.039	0.032	0.024	0.086			0.033	0.015	1982
1983	0.022	0.027	0.062	0.123	0.270	0.235	0.089	0.039	0.028	0.022	0.050	0.026	0.083			0.021	0.018	1983
1984	0.029	0.023	0.034	0.096	0.172	0.335	0.107	0.027	0.019	0.014	0.015	0.011	0.073			0.016	0.010	1984
1985	0.010	0.007	0.008	0.066	0.216	0.153	0.033	0.016	0.020	0.021	0.020	0.008	0.048			0.010	0.007	1985
1986	0.008	0.009	0.028	0.092	0.188	0.161	0.071	0.024	0.022	0.019	0.019	0.015	0.055			0.017	0.007	1986
1987	0.012	0.011	0.036	0.105	0.204	0.080	0.035	0.019	0.011	0.010	0.010	0.014	0.046			0.009	0.009	1987
1988	0.009	0.009	0.011	0.087	0.150	0.135	0.043	0.018	0.018	0.017	0.021	0.013	0.044			0.010	0.008	1988
1989	0.012	0.010	0.013	0.094	0.213	0.167	0.054	0.037	0.037	0.024	0.036	0.034	0.061			0.024	0.009	1989
1990	0.025	0.020	0.025	0.132	0.181	0.278	0.081	0.029	0.016	0.016	0.028	0.019	0.071			0.012	0.012	1990
1991	0.013	0.026	0.023	0.086	0.210	0.236	0.100	0.034	0.016	0.010	0.012	0.014	0.065			0.012	0.008	1991
1992	0.013	0.017	0.038	0.099	0.176	0.089	0.042	0.020	0.015	0.016	0.014	0.011	0.046			0.013	0.010	1992
1993	0.010	0.009	0.016	0.061	0.367	0.121	0.072	0.040	0.025	0.018	0.009	0.008	0.064			0.022	0.006	1993
1994	0.007	0.005	0.016	0.141	0.219	0.155	0.042	0.013	0.009	0.006	0.006	0.007	0.052			0.005	0.004	1994
1995	0.005	0.011	0.038	0.070	0.209	0.218	0.053	0.029	0.013	0.019	0.034	0.052	0.063			0.009	0.004	1995
1996	0.031	0.025	0.038															1996
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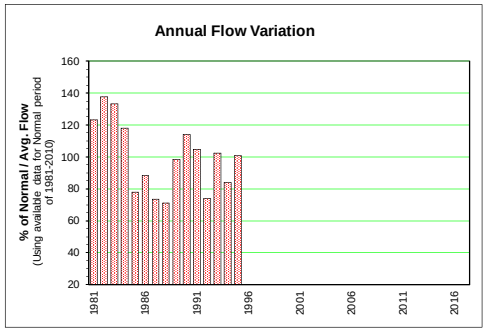
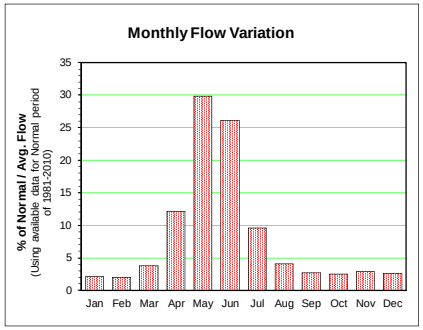
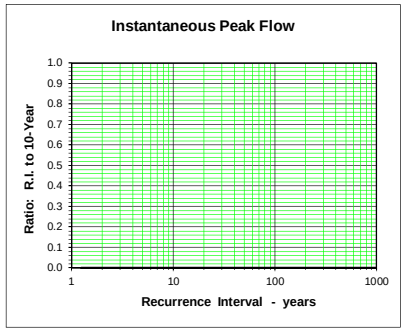
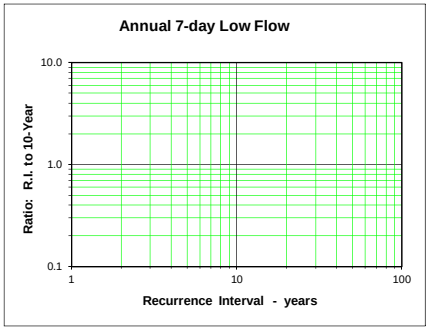
2017																		2017
Avg.	0.015	0.016	0.028	0.092	0.219	0.198	0.070	0.030	0.021	0.018	0.022	0.019	0.062	0.063		#DIV/0!	0.015	0.009	m^3/s
S. D.	0.008	0.008	0.014	0.026	0.053	0.082	0.030	0.013	0.009	0.008	0.012	0.012	0.014			#DIV/0!	0.007	0.004	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.015	0.016	0.028	0.092	0.219	0.198	0.070	0.030	0.021	0.018	0.022	0.019	0.062	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	9	8	16	50	124	108	40	17	11	10	12	11	415	mm	10-Year	0.0	0.007	0.000	m^3/s







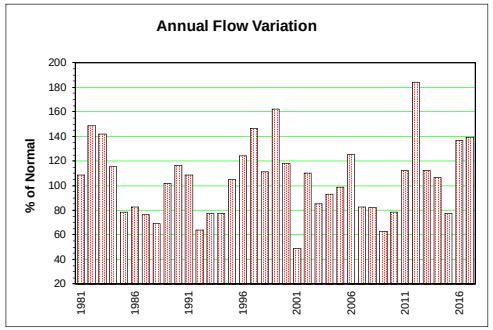


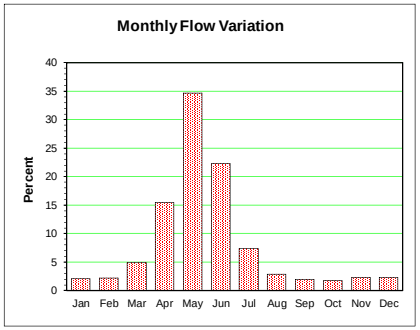
ANDERSON CREEK NEAR NELSON 08NJ130

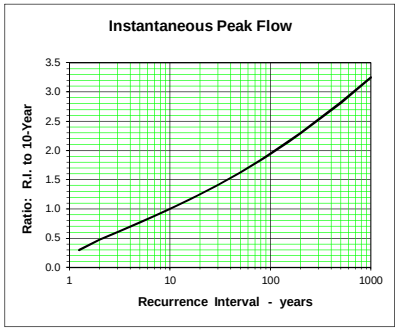
Station Longitude Latitude: -117.26140 49.50188

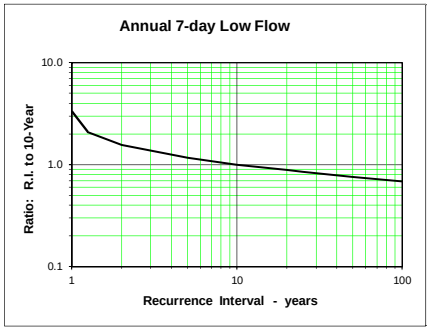
Monthly and Annual Discharge in m^3/s | Drainage Area = 8.48 km^2 | Median Elevation = 1455 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.034	0.045	0.075	0.160	0.436	0.326	0.163	0.053	0.031	0.034	0.040	0.046	0.121		May 25	0.95	0.025	0.024	1981
1982	0.033	0.056	0.064	0.136	0.625	0.579	0.186	0.090	0.055	0.057	0.054	0.042	0.165		May 25	1.33	0.046	0.025	1982
1983	0.044	0.072	0.175	0.289	0.567	0.366	0.134	0.057	0.036	0.026	0.074	0.049	0.158		May 29	0.89	0.028	0.022	1983
1984	0.062	0.045	0.082	0.193	0.368	0.517	0.148	0.040	0.027	0.021	0.021	0.015	0.128		May 30	0.79	0.022	0.014	1984
1985	0.013	0.011	0.015	0.143	0.409	0.250	0.054	0.028	0.028	0.029	0.040	0.021	0.087		May 25	0.78	0.018	0.010	1985
1986	0.019	0.022	0.081	0.188	0.341	0.223	0.092	0.036	0.027	0.024	0.026	0.020	0.092		May 28	0.65	0.022	0.014	1986
1987	0.016	0.015	0.085	0.233	0.404	0.100	0.058	0.029	0.018	0.015	0.015	0.023	0.085		May 01	0.83	0.016	0.012	1987
1988	0.012	0.012	0.022	0.223	0.303	0.175	0.057	0.025	0.023	0.019	0.029	0.023	0.077		May 13	0.66	0.015	0.011	1988
1989	0.020	0.016	0.028	0.257	0.464	0.228	0.083	0.053	0.048	0.039	0.057	0.058	0.113		May 10	0.82	0.035	0.014	1989
1990	0.044	0.038	0.057	0.298	0.346	0.539	0.105	0.031	0.015	0.014	0.039	0.028	0.129		Jun 01	0.85	0.011	0.010	1990
1991	0.021	0.055	0.043	0.211	0.521	0.366	0.120	0.040	0.023	0.015	0.017	0.014	0.121		May 21	0.88	0.018	0.012	1991
1992	0.016	0.034	0.083	0.190	0.286	0.100	0.051	0.026	0.020	0.017	0.017	0.013	0.071		Apr 30	0.53	0.016	0.012	1992
1993	0.013	0.012	0.025	0.135	0.517	0.135	0.075	0.039	0.024	0.019	0.015	0.018	0.086		May 14	1.26	0.021	0.010	1993
1994	0.016	0.015	0.031	0.291	0.327	0.200	0.069	0.024	0.018	0.013	0.011	0.015	0.086		Apr 21	0.68	0.013	0.010	1994
1995	0.014	0.036	0.118	0.175	0.464	0.286	0.067	0.037	0.019	0.022	0.052	0.104	0.117		May 17	0.85	0.013	0.012	1995
1996	0.056	0.048	0.077	0.341	0.502	0.434	0.108	0.027	0.016	0.016	0.019	0.013	0.138		May 19	1.05	0.014	0.012	1996
1997	0.026	0.021	0.070	0.224	0.859	0.485	0.117	0.034	0.031	0.028	0.028	0.020	0.163		May 17	2.16	0.021	0.017	1997
1998	0.022	0.031	0.092	0.236	0.614	0.204	0.110	0.046	0.023	0.020	0.029	0.045	0.123		May 03	1.09	0.022	0.016	1998
1999	0.034	0.030	0.099	0.279	0.536	0.599	0.250	0.085	0.040	0.029	0.094	0.084	0.180		May 25	1.92	0.029	0.024	1999
2000	0.055	0.050	0.064	0.316	0.524	0.357	0.095	0.036	0.027	0.024	0.016	0.013	0.131		May 03	0.77	0.022	0.012	2000
2001	0.013	0.012	0.020	0.065	0.244	0.152	0.054	0.024	0.015	0.014	0.019	0.014	0.054		May 28	0.39	0.013	0.011	2001
2002	0.025	0.024	0.027	0.126	0.597	0.432	0.112	0.036	0.025	0.020	0.015	0.025	0.123		May 22	2.91	0.021	0.011	2002
2003	0.022	0.025	0.088	0.249	0.371	0.258	0.052	0.021	0.014	0.014	0.012	0.010	0.095		May 25	0.70	0.011	0.009	2003
2004	0.010	0.014	0.057	0.275	0.320	0.191	0.070	0.033	0.073	0.061	0.066	0.073	0.104		May 05	0.58	0.022	0.009	2004
2005	0.081	0.090	0.086	0.214	0.336	0.261	0.116	0.036	0.023	0.027	0.025	0.023	0.110		Apr 27	0.62	0.017	0.017	2005
2006	0.036	0.031	0.040	0.274	0.815	0.300	0.071	0.025	0.017	0.013	0.025	0.018	0.139		May 20	2.87	0.015	0.011	2006
2007	0.016	0.017	0.120	0.226	0.425	0.181	0.046	0.018	0.008	0.017	0.012	0.014	0.092		May 13	0.64	0.005	0.005	2007
2008	0.011	0.010	0.017	0.052	0.531	0.305	0.069	0.028	0.017	0.014	0.021	0.013	0.091		May 20	1.42	0.014	0.010	2008
2009	0.015	0.012	0.015	0.109	0.308	0.203	0.078	0.029	0.014	0.018	0.022	0.012	0.070		May 30	0.52	0.012	0.006	2009
2010	0.018	0.019	0.049	0.168	0.276	0.295	0.079	0.033	0.023	0.019	0.035	0.031	0.087		May 18	0.53	0.019	0.011	2010
2011	0.033	0.027	0.035	0.086	0.525	0.499	0.176	0.035	0.020	0.023	0.016	0.014	0.125		Jun 07	1.03	0.011	0.011	2011
2012	0.011	0.010	0.025	0.270	0.576	0.955	0.330	0.070	0.027	0.027	0.063	0.096	0.205		Jun 06	2.18	0.021	0.010	2012
2013	0.038	0.029	0.068	0.218	0.556	0.288	0.122	0.040	0.035	0.038	0.033	0.024	0.125		May 10	1.02	0.024	0.021	2013
2014	0.020	0.015	0.042	0.167	0.687	0.242	0.082	0.028	0.017	0.019	0.031	0.063	0.119		May 17	0.95	0.014	0.012	2014
2015	0.043	0.200	0.189	0.206	0.186	0.109	0.031	0.012	0.012	0.008	0.019	0.027	0.086		Mar 28	0.62	0.008	0.006	2015
2016	0.017	0.048	0.117	0.655	0.359	0.139	0.063	0.024	0.015	0.106	0.200	0.085	0.152		Apr 21	1.09	0.013	0.013	2016
2017	0.038	0.043	0.129	0.342	0.800	0.306	0.083	0.035	0.023	0.016	0.021	0.016	0.155		May 07	1.23	0.021	0.010	2017
Avg.	0.027	0.035	0.068	0.222	0.468	0.313	0.102	0.037	0.025	0.025	0.036	0.033	0.116	0.113		1.06	0.019	0.013	m^3/s
S. D.	0.017	0.034	0.043	0.103	0.161	0.175	0.059	0.017	0.013	0.018	0.034	0.026	0.033			0.61	0.008	0.005	m^3/s
Normal	0.027	0.031	0.064	0.209	0.455	0.302	0.096	0.037	0.026	0.023	0.032	0.030	0.111	m^3/s					
Normal	9	9	20	64	144	92	30	12	8	7	10	9	414	mm	10-Year	1.81	0.010	0.008	m^3/s







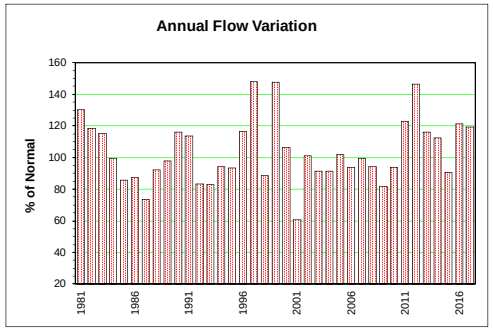


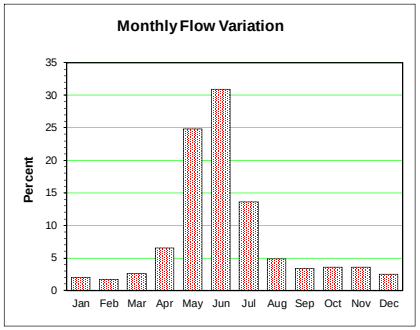
LEMON CREEK ABOVE SOUTH LEMON CREEK 08NJ160

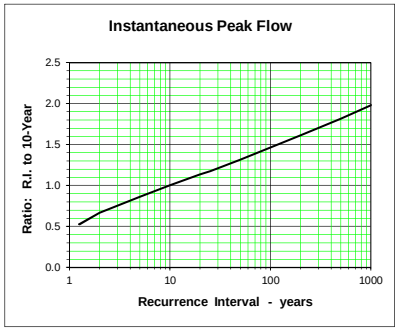
Station Longitude Latitude: -117.44600 49.69696

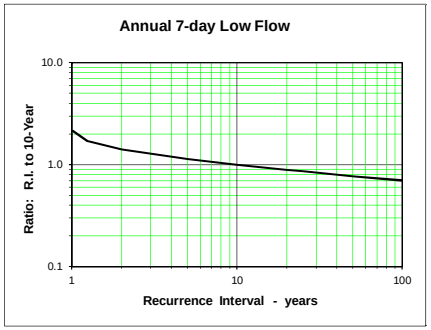
Monthly and Annual Discharge in m^3/s | Drainage Area = 180.41 km^2 | Median Elevation = 1713 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	1.80	1.44	1.56	4.17	18.10	17.40	14.40	3.65	2.05	2.52	2.56	1.75	5.98	May 25	46.40	1.74	1.30	1981
1982	1.04	1.15	1.27	1.72	10.60	26.40	10.30	3.55	2.98	2.99	2.01	1.30	5.45	Jun 15	51.70	2.24	0.85	1982
1983	0.98	1.03	2.01	3.27	13.80	18.40	10.60	3.61	2.78	1.69	3.51	1.69	5.30	May 30	50.75	2.12	0.85	1983
1984	1.53	1.17	1.37	2.91	6.38	22.30	10.60	2.84	1.97	1.62	1.26	0.95	4.57	Jun 29	55.30	1.70	0.87	1984
1985	0.81	0.72	0.73	2.91	15.90	14.50	3.14	1.38	1.95	1.77	2.11	1.19	3.94	May 24	55.90	1.02	0.67	1985
1986	0.94	0.93	1.67	3.29	12.80	14.90	5.88	2.10	1.48	1.61	1.35	0.99	4.01	May 29	51.83	1.29	0.79	1986
1987	0.87	0.77	1.43	3.46	16.20	8.52	3.38	1.78	1.11	0.86	0.86	1.10	3.38	May 12	37.90	0.97	0.74	1987
1988	0.69	0.64	0.77	4.70	13.90	15.60	4.93	1.80	1.35	2.57	2.39	1.35	4.22	May 13	33.00	1.00	0.61	1988
1989	1.04	0.91	0.99	3.44	12.60	17.50	5.08	2.73	2.48	1.99	3.08	2.03	4.50	Jun 06	29.40	1.79	0.81	1989
1990	1.38	1.13	1.32	5.67	12.00	21.20	10.20	2.95	1.53	1.59	2.90	2.01	5.33	Jun 25	38.20	1.16	1.05	1990
1991	1.21	1.67	1.46	4.00	12.90	18.90	13.60	3.65	1.88	1.18	1.05	0.93	5.22	Jul 03	31.90	1.47	0.86	1991
1992	0.82	1.05	1.74	5.08	15.00	10.80	4.28	1.90	1.43	1.59	1.24	0.85	3.82	May 07	28.20	1.15	0.71	1992
1993	0.79	0.69	0.92	2.03	16.90	9.82	5.81	3.10	1.79	1.43	1.13	1.00	3.81	May 14	37.10	1.54	0.65	1993
1994	0.92	0.86	1.19	6.13	15.00	16.20	5.68	1.76	1.19	1.06	0.92	0.88	4.32	May 11	25.70	0.99	0.82	1994
1995	0.72	0.90	1.53	2.13	11.50	16.50	4.88	2.71	1.49	2.45	3.13	3.33	4.28	May 30	30.60	1.20	0.68	1995
1996	1.88	1.39	2.01	5.09	9.76	22.40	11.20	3.46	1.96	1.69	1.99	1.32	5.34	Jun 08	50.50	1.60	1.22	1996
1997	1.12	1.08	1.98	5.60	20.80	24.60	11.30	3.08	3.62	4.23	2.37	1.61	6.80	May 31	47.50	2.10	1.02	1997
1998	1.10	1.20	1.75	3.98	18.60	9.75	4.51	2.17	1.29	1.43	1.42	1.30	4.06	May 07	28.30	1.23	0.82	1998
1999	1.09	0.98	1.47	3.36	11.20	24.60	16.90	7.49	2.62	2.18	6.25	2.98	6.78	Jun 17	52.50	2.09	0.88	1999
2000	1.65	1.32	1.42	5.04	12.70	19.00	9.34	2.50	1.91	1.74	1.15	0.77	4.88	Jun 06	26.90	1.52	0.67	2000
2001	0.50	0.49	0.82	1.61	10.50	9.18	4.17	1.88	1.27	1.15	1.31	0.40	2.78	May 28	40.10	1.08	0.38	2001
2002	1.11	1.01	1.10	2.79	10.70	22.40	8.72	2.57	1.60	1.35	1.22	1.05	4.64	Jun 29	46.40	1.44	0.46	2002
2003	1.07	0.93	1.86	4.18	10.10	19.00	4.95	1.57	1.08	2.68	1.83	1.15	4.20	May 29	34.00	0.99	0.78	2003
2004	0.78	0.65	1.06	4.51	12.70	14.50	4.47	1.88	4.05	2.54	1.68	1.62	4.20	Jun 05	34.90	1.26	0.62	2004
2005	1.94	2.05	1.65	3.78	15.20	15.20	6.03	1.88	1.41	3.51	1.99	1.31	4.67	May 16	29.70	1.17	1.03	2005
2006	1.29	1.01	0.99	3.17	18.40	16.20	3.84	1.54	1.14	0.96	1.79	1.11	4.30	May 20	51.80	1.04	0.91	2006
2007	0.88	0.85	2.47	4.08	15.50	18.70	4.90	1.65	1.21	1.75	1.43	1.29	4.57	Jun 05	51.80	1.07	0.77	2007
2008	0.90	0.83	0.81	1.30	14.00	17.40	5.98	2.58	1.85	2.37	2.67	1.28	4.33	May 21	45.20	1.54	0.69	2008
2009	1.13	0.91	0.98	2.30	9.71	17.10	5.51	2.02	1.32	1.51	1.51	1.04	3.76	May 30	35.60	1.13	0.82	2009
2010	1.04	0.94	1.08	3.19	9.33	19.10	6.67	2.58	2.36	1.92	2.15	1.38	4.31	Jun 03	30.90	1.72	0.92	2010
2011	1.23	0.94	1.07	1.54	10.50	26.20	16.70	3.86	1.76	1.62	1.15	0.93	5.64	Jun 29	64.00	1.60	0.72	2011
2012	0.74	0.69	0.98	4.49	15.70	28.70	18.60	3.05	1.49	1.62	2.62	1.89	6.72	Jul 01	56.03	1.21	0.50	2012
2013	1.28	1.09	1.63	3.89	19.10	20.30	7.19	2.05	1.91	2.53	1.57	1.13	5.32	Jun 19	46.30	1.22	0.91	2013
2014	1.29	1.09	1.24	2.43	16.40	20.00	6.80	2.14	1.38	1.64	3.83	3.58	5.17	May 24	41.61	1.14	0.96	2014
2015	1.94	3.49	3.93	5.16	13.00	12.70	2.90	1.34	1.58	1.19	1.51	1.30	4.16	Jun 03	36.44	1.07	1.05	2015
2016	0.97	1.16	1.98	9.90	16.40	12.50	5.62	2.28	1.50	5.06	6.35	3.12	5.57	May 07	25.50	1.38	0.87	2016
2017	1.84	1.65	2.88	4.75	19.60	22.10	6.67	2.07	1.11	1.01	1.09	0.80	5.48	May 30	58.10	0.94	0.60	2017
Avg.	1.14	1.10	1.49	3.81	13.9	17.9	7.72	2.57	1.81	1.96	2.12	1.45	4.75	4.76		41.57	1.38	0.81	m^3/s
S. D.	0.38	0.51	0.63	1.62	3.35	5.02	4.12	1.09	0.69	0.89	1.26	0.73	0.92			10.77	0.36	0.19	m^3/s
Normal	1.10	1.02	1.38	3.63	13.43	17.27	7.38	2.61	1.87	1.93	2.01	1.37	4.59	m^3/s					
Normal	16	14	20	52	199	248	109	39	27	29	29	20	803	mm	10-Year	58.21	1.00	0.57	m^3/s







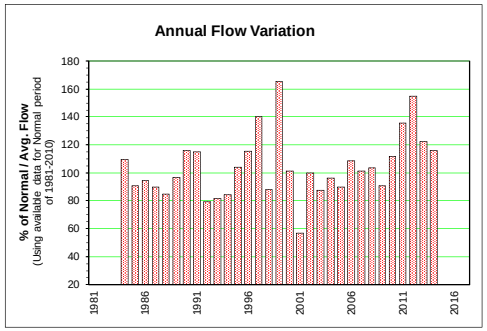


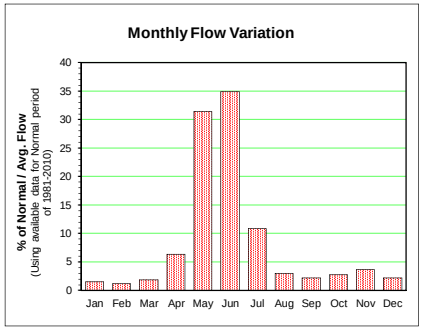
FIVE MILE CREEK ABOVE CITY INTAKE 08NJ168

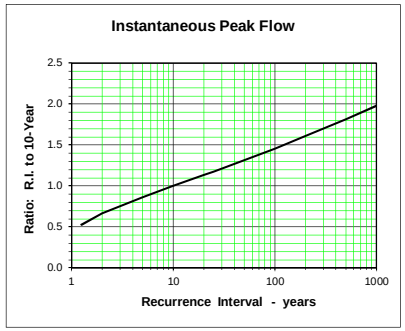
Station Longitude Latitude: -117.21161 49.51860

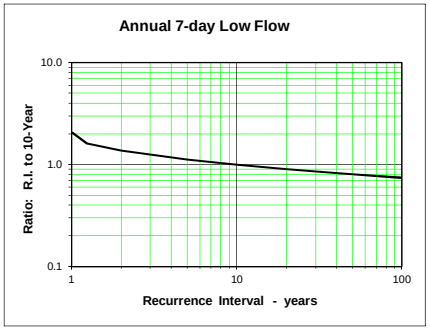
Monthly and Annual Discharge in m^3/s | Drainage Area = 45.90 km^2 | Median Elevation = 1771 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981																		1981
1982																		1982
1983					4.87	7.42	3.01	0.90	0.66	0.49	1.47	0.49		May 30	19.40			1983
1984	0.42	0.25	0.31	0.74	2.09	7.35	2.59	0.48	0.39	0.28	0.23	0.15	1.27	Jun 29	16.90	0.28	0.13	1984
1985	0.10	0.09	0.09	0.47	5.05	4.27	0.48	0.23	0.47	0.59	0.55	0.19	1.05	Jun 07	17.50	0.15	0.08	1985
1986	0.15	0.16	0.34	0.94	4.31	4.04	1.54	0.38	0.28	0.37	0.32	0.25	1.09	May 28	18.60	0.22	0.13	1986
1987	0.16	0.14	0.44	1.24	5.65	2.76	0.91	0.38	0.20	0.15	0.17	0.19	1.04	May 01	13.30	0.16	0.11	1987
1988	0.08	0.10	0.11	1.26	4.20	3.70	0.67	0.23	0.23	0.40	0.57	0.27	0.98	May 13	11.20	0.12	0.07	1988
1989	0.18	0.13	0.14	0.63	3.71	5.43	0.95	0.46	0.39	0.31	0.66	0.45	1.12	May 10	9.71	0.25	0.12	1989
1990	0.28	0.20	0.18	1.38	3.72	6.37	1.88	0.42	0.22	0.24	0.75	0.45	1.34	Jun 10	13.60	0.14	0.14	1990
1991	0.23	0.26	0.19	0.66	3.98	6.18	3.30	0.51	0.22	0.13	0.15	0.11	1.33	Jun 11	12.20	0.16	0.11	1991
1992	0.11	0.13	0.28	1.58	4.76	2.25	0.71	0.30	0.23	0.26	0.24	0.15	0.92	May 07	10.60	0.16	0.10	1992
1993	0.12	0.11	0.19	0.41	5.78	2.11	1.09	0.53	0.29	0.24	0.17	0.18	0.94	May 14	13.50	0.24	0.10	1993
1994	0.13	0.12	0.19	1.50	4.44	3.77	0.84	0.18	0.13	0.15	0.12	0.12	0.98	Jun 23	9.10	0.10	0.10	1994
1995	0.14	0.19	0.36	0.36	3.99	5.21	0.99	0.52	0.24	0.59	0.95	0.86	1.20	May 30	11.40	0.16	0.12	1995
1996	0.32	0.25	0.29	1.18	3.28	6.64	2.52	0.42	0.21	0.32	0.36	0.27	1.34	Jun 08	13.40	0.19	0.17	1996
1997	0.19	0.15	0.42	0.64	5.53	7.32	2.34	0.45	0.73	0.96	0.49	0.23	1.62	May 31	18.00	0.25	0.14	1997
1998	0.14	0.12	0.18	0.87	5.88	2.92	0.87	0.36	0.13	0.21	0.24	0.26	1.02	May 07	9.88	0.10	0.10	1998
1999	0.17	0.12	0.21	0.73	3.46	8.59	5.05	1.42	0.40	0.41	1.80	0.60	1.92	Jun 18	19.67	0.26	0.10	1999
2000	0.30	0.22	0.17	0.98	4.05	5.81	1.51	0.24	0.25	0.26	0.19	0.12	1.17	Jun 05	10.00	0.16	0.12	2000
2001	0.10	0.08	0.09	0.27	3.10	2.35	0.59	0.20	0.13	0.13	0.55	0.28	0.66	May 28	12.90	0.09	0.07	2001
2002	0.29	0.28	0.23	0.50	3.26	6.67	1.74	0.26	0.18	0.14	0.14	0.19	1.16	Jun 05	13.20	0.14	0.09	2002
2003	0.15	0.13	0.36	0.84	3.42	5.09	0.74	0.16	0.14	0.42	0.51	0.23	1.02	May 28	11.80	0.08	0.08	2003
2004	0.15	0.14	0.21	1.65	4.06	3.34	0.78	0.39	1.07	0.66	0.46	0.44	1.11	Jun 05	11.40	0.18	0.13	2004
2005	0.44	0.43	0.36	1.13	4.00	3.09	1.13	0.28	0.20	0.69	0.45	0.26	1.04	May 16	8.86	0.16	0.16	2005
2006	0.27	0.20	0.18	0.77	6.28	5.02	0.83	0.23	0.17	0.15	0.67	0.27	1.26	May 20	24.80	0.13	0.13	2006
2007	0.21	0.20	0.72	1.21	5.12	4.42	0.71	0.22	0.16	0.42	0.32	0.30	1.17	Jun 05	17.50	0.13	0.13	2007
2008	0.18	0.17	0.16	0.45	5.05	5.07	1.06	0.42	0.35	0.45	0.68	0.35	1.20	May 20	18.00	0.24	0.14	2008
2009	0.23	0.16	0.16	0.39	3.51	4.88	1.42	0.47	0.27	0.38	0.44	0.26	1.05	May 30	13.10	0.21	0.14	2009
2010	0.21	0.16	0.19	1.27	3.72	5.92	1.34	0.41	0.48	0.48	0.92	0.42	1.29	Jun 03	14.00	0.27	0.14	2010
2011	0.31	0.25	0.18	0.23	3.35	8.69	4.18	0.65	0.23	0.30	0.27	0.19	1.57	Jun 29	13.60	0.20	0.15	2011
2012	0.14	0.15	0.17	1.24	4.53	8.54	4.16	0.54	0.19	0.39	0.95	0.53	1.79	Jun 23	19.60	0.14	0.12	2012
2013	0.30	0.24	0.29	0.91	6.46	5.40	1.34	0.23	0.51	0.72	0.33	0.20	1.42	May 22	18.70	0.13	0.13	2013
2014	0.16	0.12	0.16	0.42	5.96	5.11	1.19	0.27	0.19	0.53	1.02	0.92	1.34	May 23	15.60	0.13	0.11	2014
2015	0.45	1.04	1.02	1.44	3.70	2.25								Jun 03	10.04			2015
2016																		2016
2017																		2017
Avg.	0.21	0.20	0.27	0.88	4.37	5.09	1.64	0.41	0.31	0.38	0.53	0.32	1.21	1.21		14.27	0.17	0.12	m^3/s
S. D.	0.10	0.17	0.19	0.42	1.04	1.92	1.17	0.24	0.20	0.20	0.39	0.20	0.26			3.87	0.06	0.02	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.20	0.17	0.25	0.89	4.30	4.93	1.49	0.41	0.31	0.37	0.52	0.30	1.16	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	12	9	15	50	251	278	87	24	18	21	29	17	797	mm	10-Year	58.2	0.107	0.087	m^3/s









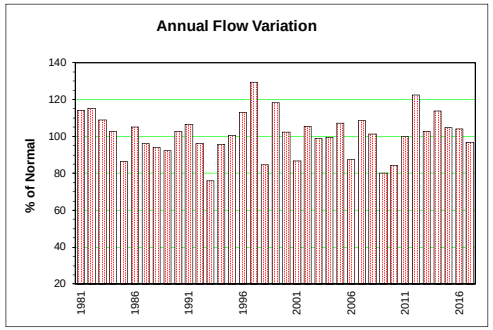
ZONE 22 - LOWER COLUMBIA BASIN

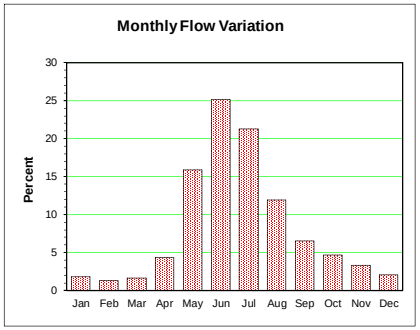
GOLDSTREAM RIVER BELOW OLD CAMP CREEK 08ND012

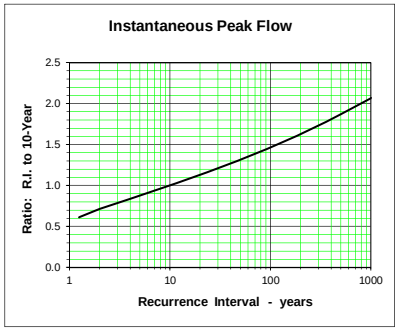
Station Longitude Latitude: -118.596086 51.668513

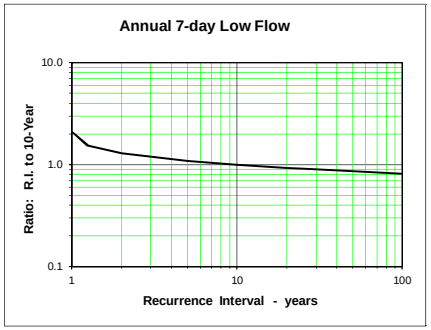
Monthly and Annual Discharge in m^3/s | Drainage Area = 932.47 km^2 | Median Elevation = 1705 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	13.00	7.76	8.94	22.80	98.20	100.00	113.00	70.70	34.10	18.60	19.50	10.60	43.38		May 26	212.00	17.66	6.23	1981
1982	6.73	5.85	6.04	8.29	59.20	170.00	111.00	67.80	46.90	22.20	12.30	7.44	43.78		Jun 22	238.00	32.43	5.14	1982
1983	6.78	6.91	8.13	21.50	76.70	114.00	122.00	59.00	33.10	16.40	21.80	8.55	41.45		Jul 13	382.00	23.57	6.17	1983
1984	6.42	7.04	6.92	17.30	37.80	124.00	116.00	69.40	39.10	22.70	13.50	7.84	39.07		Jun 30	238.00	27.97	4.94	1984
1985	5.54	4.85	5.33	15.20	84.90	98.40	78.10	41.20	22.10	17.70	10.60	7.60	32.81		May 25	209.00	16.30	4.34	1985
1986	6.30	5.66	8.14	18.90	74.70	144.00	96.30	58.40	26.10	18.70	12.00	8.05	39.94		May 30	291.00	17.04	5.22	1986
1987	6.62	6.23	9.71	25.10	88.70	118.00	76.40	46.30	29.10	13.10	10.00	7.51	36.55		Jun 06	194.00	22.00	5.33	1987
1988	4.87	5.01	5.20	28.10	68.50	107.00	77.80	54.50	28.20	20.90	17.60	10.80	35.77		Jun 08	163.00	17.36	3.64	1988
1989	7.55	4.58	4.85	16.70	63.00	116.00	78.90	57.20	26.50	16.50	16.70	10.90	35.10		Jun 15	213.00	19.80	3.83	1989
1990	8.02	5.95	6.33	27.80	62.30	122.00	102.00	55.70	28.10	16.60	20.80	10.30	38.98		Jun 24	195.00	21.70	5.45	1990
1991	8.04	11.60	7.63	20.90	78.50	111.00	113.00	67.40	31.80	15.10	10.20	8.28	40.49		Jul 04	194.00	20.99	5.63	1991
1992	6.88	7.51	10.80	29.00	80.40	119.00	63.00	38.30	30.00	27.90	15.50	9.62	36.52		Jun 13	179.00	20.47	5.57	1992
1993	7.04	4.68	5.65	13.70	87.80	72.60	51.80	47.00	23.40	14.00	8.90	7.58	28.87		May 15	173.00	14.46	3.99	1993
1994	6.11	4.83	6.42	31.70	84.60	103.00	96.70	46.00	26.20	14.30	8.25	6.25	36.39		Jul 02	174.34	22.57	4.22	1994
1995	4.73	6.47	5.33	13.80	67.80	116.00	85.90	55.70	35.20	28.60	19.10	18.20	38.24		Jul 27	200.00	23.57	3.56	1995
1996	8.87	6.91	8.91	23.80	57.10	128.00	134.00	62.10	33.10	21.90	17.50	11.80	42.94		Jul 04	235.00	21.13	5.11	1996
1997	8.09	8.95	9.36	14.70	84.70	141.00	122.00	62.40	44.60	54.60	25.20	12.40	49.25		Jun 01	251.00	38.63	6.50	1997
1998	8.24	7.68	8.22	19.50	102.00	79.10	66.10	41.70	26.00	13.00	7.22	5.72	32.23		May 27	152.00	17.94	3.16	1998
1999	5.15	5.27	6.82	19.90	53.00	131.00	134.00	83.00	36.00	19.70	27.70	15.70	45.00		Jun 19	268.00	25.37	3.11	1999
2000	9.75	7.76	7.01	16.70	55.50	114.00	121.00	57.00	35.40	20.60	13.10	7.85	38.91		Jul 24	184.00	24.50	5.62	2000
2001	6.42	5.36	6.44	12.50	58.30	90.60	87.70	54.50	27.70	15.30	18.10	11.30	32.95		May 29	199.00	21.26	4.76	2001
2002	9.52	6.36	5.76	14.90	61.20	157.00	120.00	44.70	26.40	15.90	10.00	6.98	40.04		Jun 28	258.00	18.64	5.14	2002
2003	6.32	5.30	8.95	26.50	61.20	127.00	76.70	44.30	23.00	40.00	18.40	11.70	37.59		Oct 23	210.00	17.10	4.54	2003
2004	8.80	5.86	7.81	31.40	66.60	106.00	77.10	51.30	39.60	29.90	17.90	11.70	37.89		Jun 24	167.00	29.17	4.81	2004
2005	36.90	11.80	12.10	29.80	78.40	99.40	90.00	43.00	25.50	31.20	19.30	9.22	40.76		Jun 23	177.00	18.56	4.76	2005
2006	8.67	6.86	6.97	21.00	88.00	110.00	65.70	36.50	21.70	9.78	10.10	11.50	33.20		May 21	213.00	13.73	5.79	2006
2007	5.81	5.19	10.10	21.70	73.70	145.00	119.00	43.50	24.20	22.60	16.00	6.57	41.29		Jun 05	257.00	16.56	4.49	2007
2008	5.81	5.74	6.30	8.76	80.90	117.00	102.00	59.30	25.80	21.00	19.20	8.21	38.47		Jul 01	225.00	19.21	5.22	2008
2009	6.35	5.56	6.57	10.90	44.90	110.00	77.40	43.90	28.60	12.60	12.10	5.85	30.49		Jun 16	163.00	20.74	4.46	2009
2010	6.78	6.46	7.12	19.70	50.60	101.00	80.00	43.10	31.80	20.60	11.60	4.72	32.07		Jun 24	148.00	20.97	3.05	2010
2011	4.54	4.54	5.63	8.46	63.10	128.00	113.00	51.10	28.00	26.50	12.60	7.29	37.93		Jul 08	212.00	23.91	3.98	2011
2012	6.59	5.05	5.63	24.40	71.50	159.00	156.00	56.00	24.10	20.30	18.40	10.40	46.56		Jun 24	313.00	20.34	4.79	2012
2013	7.85	6.49	8.28	20.40	87.10	127.00	87.10	49.80	35.70	18.10	11.00	7.13	38.99		Jul 03	207.00	24.69	6.12	2013
2014	6.25	6.92	5.39	12.10	88.60	126.00	109.00	50.90	37.90	28.40	28.70	16.30	43.25		May 24	217.00	22.19	5.11	2014
2015	11.20	10.40	19.40	31.80	91.20	112.00	58.00	39.30	48.30	27.20	16.40	11.70	39.85		Sep 21	288.00	27.60	9.10	2015
2016	8.20	7.02	9.11	54.00	91.60	91.70	67.50	42.40	32.80	24.10	30.50	16.00	39.62		Jun 09	189.50	28.20	6.72	2016
2017	11.20	8.87	7.65	18.50	89.80	127.00	81.80	37.10	25.00	14.90	10.40	7.39	36.77		May 31	233.90	13.84	6.37	2017
Avg.	8.16	6.63	7.70	20.87	73.3	117.9	95.32	52.20	30.84	21.39	15.90	9.65	38.47	38.72		216.83	21.68	5.03	m^3/s
S. D.	5.20	1.80	2.62	8.73	15.59	20.86	24.46	10.80	6.80	8.42	5.83	3.17	4.46			48.29	5.21	1.18	m^3/s
Normal	8.20	6.53	7.46	20.09	70.97	116.37	95.15	53.50	30.31	21.07	15.34	9.36	38.01	m^3/s					
Normal	24	17	21	56	204	323	273	154	84	61	43	27	1286	mm	10-Year	292.15	15.99	3.76	m^3/s







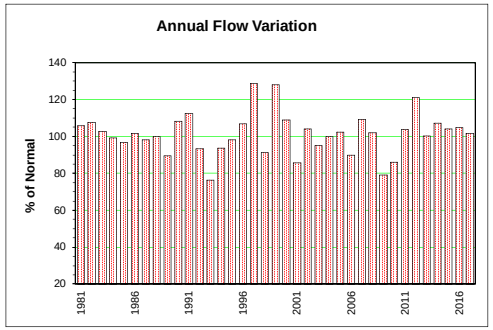


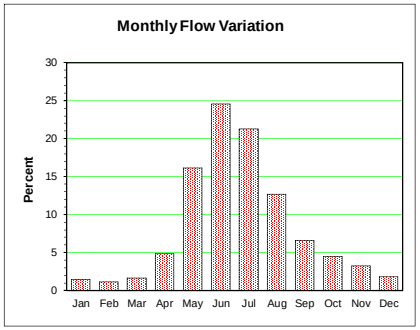
ILLECILLEWAET RIVER AT GREELEY 08ND013

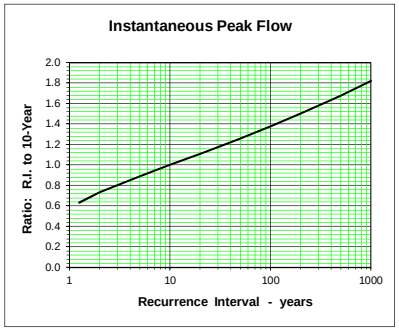
Station Longitude Latitude: -118.08540 51.01288

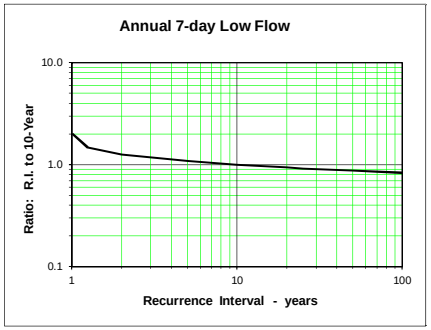
Monthly and Annual Discharge in m^3/s | Drainage Area = 1149.20 km^2 | Median Elevation = 1768 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	15.10	10.40	13.80	27.90	121.00	120.00	144.00	97.70	45.20	24.50	23.70	13.20	55.08		May 26	265.00	291.14	58.73	1981
1982	6.45	6.49	7.52	14.00	78.90	198.00	145.00	96.50	67.20	25.10	15.00	10.00	56.06		Jun 22	292.00	231.86	47.86	1982
1983	9.07	8.15	11.90	31.80	95.00	133.00	153.00	90.20	41.60	22.20	27.90	14.30	53.49		Jul 12	591.00	501.29	42.59	1983
1984	11.00	9.04	10.60	24.90	49.10	158.00	150.00	103.00	54.10	26.00	14.70	8.31	51.67		Jun 29	371.00	453.57	36.19	1984
1985	6.93	6.19	6.82	28.70	127.00	147.00	123.00	63.20	32.90	30.60	17.70	11.00	50.38		May 25	299.00	440.86	77.49	1985
1986	7.86	6.47	13.50	29.80	103.00	192.00	124.00	80.20	32.30	20.50	14.10	9.58	53.00		May 29	376.00	413.29	36.13	1986
1987	7.99	7.43	13.10	37.60	129.00	166.00	111.00	62.20	41.00	15.30	12.00	9.45	51.22		May 12	340.00	328.86	51.03	1987
1988	6.21	6.47	8.16	45.10	104.00	157.00	117.00	72.80	38.20	31.60	25.90	12.40	52.16		Jun 17	247.00	261.29	46.29	1988
1989	9.50	6.24	6.29	28.70	85.90	150.00	101.00	71.20	37.10	21.50	26.90	13.60	46.67		Jun 15	301.00	443.43	40.34	1989
1990	9.89	8.02	9.71	44.50	86.00	161.00	153.00	86.00	41.80	25.60	33.60	15.60	56.47		Jun 24	278.00	289.86	35.47	1990
1991	7.87	12.30	10.10	33.60	111.00	154.00	173.00	108.00	45.60	21.80	12.60	9.39	58.61		Jul 04	304.00	530.57	46.47	1991
1992	7.33	9.24	16.90	44.60	109.00	161.00	84.80	58.60	34.60	31.00	16.10	9.77	48.62		Jun 12	256.00	294.71	44.89	1992
1993	8.64	5.85	7.27	21.60	118.00	98.10	76.00	64.50	31.90	18.70	12.30	10.90	39.74		May 13	250.00	467.14	33.04	1993
1994	9.01	7.23	10.50	50.70	111.00	134.00	125.00	64.10	35.30	16.40	10.40	8.81	48.78		Jul 01	299.00	590.14	50.93	1994
1995	7.17	9.79	8.15	20.10	91.40	161.00	110.00	75.20	44.60	36.70	26.10	20.90	51.13		May 31	233.00	683.71	73.43	1995
1996	11.20	9.73	12.00	35.50	72.90	166.00	167.00	83.80	44.10	31.40	21.20	12.10	55.71		Jun 08	288.00	288.71	83.43	1996
1997	7.47	8.93	11.00	25.00	130.00	197.00	171.00	84.10	59.50	65.80	29.00	12.50	67.13		Jun 01	366.00	298.57	51.14	1997
1998	7.47	9.02	11.80	30.80	144.00	120.00	103.00	63.20	38.60	17.40	11.70	9.67	47.50		May 27	244.00	477.57	48.36	1998
1999	9.30	6.96	8.81	27.90	78.90	185.00	172.00	168.00	47.00	25.60	46.50	19.80	66.69		Jun 19	383.00	518.00	40.71	1999
2000	11.20	8.63	8.79	26.70	85.30	161.00	176.00	91.70	56.40	28.90	16.20	9.09	56.83		Jul 23	251.00	306.00	38.14	2000
2001	7.66	6.95	8.42	21.30	88.80	120.00	117.00	75.40	39.40	16.70	22.00	11.00	44.69		Jun 02	258.00	483.00	43.86	2001
2002	10.00	7.42	6.99	22.00	84.60	201.00	164.00	66.60	41.60	20.70	14.40	9.71	54.30		Jun 29	332.00	362.86	59.36	2002
2003	6.60	6.99	10.60	34.40	82.60	160.00	106.00	62.90	34.00	55.70	22.30	11.00	49.63		Oct 21	305.00	433.57	43.49	2003
2004	7.73	5.34	11.70	46.00	91.10	149.00	116.00	80.20	50.30	33.70	20.00	11.90	52.01		Jun 24	261.00	377.71	69.86	2004
2005	29.10	14.30	14.80	44.10	112.00	138.00	113.00	59.80	35.80	44.10	22.70	10.30	53.41		Jun 06	238.00	434.29	50.50	2005
2006	11.10	7.08	8.48	30.50	126.00	156.00	104.00	48.40	31.00	13.60	15.80	8.84	46.93		May 21	317.00	583.14	36.36	2006
2007	5.99	6.90	15.70	33.40	106.00	195.00	171.00	54.50	32.00	29.10	21.40	9.20	56.94		Jun 04	353.00	524.71	44.00	2007
2008	7.03	5.51	8.00	13.70	119.00	163.00	136.00	81.70	35.50	29.80	27.30	10.20	53.25		Jul 01	335.00	330.14	64.07	2008
2009	6.69	5.82	6.57	17.40	67.30	141.00	101.00	61.90	40.70	19.60	18.10	6.64	41.20		Jun 05	210.00	403.71	65.00	2009
2010	7.17	7.71	11.20	31.00	69.30	132.00	108.00	59.30	47.10	33.30	20.60	8.84	44.79		Sep 28	253.00	311.14	45.71	2010
2011	8.38	7.80	10.10	13.00	90.00	175.00	157.00	75.50	42.70	36.00	19.90	11.10	54.16		Jul 08	394.00	499.00	59.51	2011
2012	9.47	8.19	9.14	37.30	98.30	205.00	201.00	81.20	33.00	28.60	28.30	15.00	63.03		Jun 24	428.00	307.86	39.43	2012
2013	7.23	8.57	12.50	29.10	121.00	163.00	124.00	69.00	49.60	20.20	11.30	9.33	52.30		Jul 02	316.00	682.43	53.37	2013
2014	6.71	7.63	6.99	18.60	111.00	161.00	141.00	67.50	48.50	39.20	37.70	21.70	55.90		May 24	256.33	354.86	59.86	2014
2015	11.10	17.70	25.80	37.20	112.00	148.00	88.00	61.90	72.90	37.70	23.40	14.40	54.30		Sep 20	402.00	682.43	53.37	2015
2016	9.26	9.28	12.40	72.30	122.00	131.00	101.00	60.50	43.70	35.90	42.50	15.00	54.62		Jun 09	343.00			2016
2017	8.59	7.38	11.50	29.50	133.00	185.00	124.00	57.00	35.40	18.20	14.80	9.67	53.06		Jun 09	448.00	354.86	59.86	2017
Avg.	9.09	8.19	10.75	31.36	101.7	157.9	131.10	75.88	42.76	28.34	21.52	11.74	52.74	53.00		315.77	423.23	50.84	m^3/s
S. D.	3.87	2.43	3.68	11.76	21.53	25.43	30.21	21.18	9.74	10.92	8.61	3.45	5.82			75.04	123.01	12.46	m^3/s
Normal	9.19	7.89	10.31	30.78	99.24	155.80	130.49	77.83	41.88	27.76	20.61	11.27	52.14	m^3/s					
Normal	21	17	24	69	231	351	304	181	94	65	46	26	1432	mm	10-Year	400.88	20.39	4.75	m^3/s









STITT CREEK AT THE MOUTH 08ND018

Station Longitude Latitude: -118.14240 51.63701

Monthly and Annual Discharge in m^3/s | Drainage Area = 137.52 km^2 | Median Elevation = 1960 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
1981	1.47	1.11	1.03	1.89	10.90	13.50	19.80	16.30	7.01	3.84	2.59	1.27	6.78	Jul 28	31.60	3.89	0.91	1981
1982	1.00	0.73	0.64	0.93	7.57	25.80	21.00	14.80	10.70	5.34	2.74	1.04	7.72	Jun 21	57.60	6.38	0.60	1982
1983	0.87	0.60	0.69	2.22	10.80	18.90	20.50	13.00	6.46	3.03	2.96	1.23	6.81	Jul 12	133.00	4.58	0.49	1983
1984	0.98	0.92	0.90	2.26	5.43	18.50	19.10	13.50	7.56	3.63	1.42	0.96	6.28	Aug 26	52.10	5.06	0.70	1984
1985	0.83	0.68	0.72	1.52	10.10	14.90	11.20	8.16	4.43	2.53	1.36	1.14	4.82	May 24	26.30	2.81	0.64	1985
1986	0.99	0.91	1.02	2.40	12.70	26.90	19.50	13.50	5.25	3.41	2.33	1.34	7.56	May 28	55.90	3.20	0.86	1986
1987	0.59	0.53	1.15	3.65	12.90	21.30	15.90	9.11	6.08	2.40	1.24	1.16	6.36	Jun 05	50.80	4.37	0.51	1987
1988	0.90	0.72	0.76	4.31	11.00	21.50	18.50	14.60	6.28	3.81	2.46	1.40	7.21	Jun 26	37.20	3.04	0.52	1988
1989	0.96	0.68	0.76	2.44	8.56	19.70	17.20	12.30	5.19	3.09	2.36	1.51	6.26	Jun 14	41.20	4.07	0.61	1989
1990	1.18	0.83	0.97	3.62	10.40	22.60	22.40	14.80	6.32	3.27	2.84	1.33	7.59	Jul 11	40.70	4.82	0.69	1990
1991	1.21	1.19	0.95	2.74	11.70	20.60	24.50	17.90	7.61	3.42	1.81	1.48	7.98	Aug 10	49.10	5.44	0.80	1991
1992	0.85	1.00	1.45	4.74	13.10	22.90	13.10	8.64	6.27	5.03	2.64	1.78	6.80	Jul 13	41.10	4.28	0.66	1992
1993	1.06	0.68	0.76	1.91	15.90	14.50	11.90	12.40	5.23	2.57	1.38	1.11	5.83	May 13	35.30	2.44	0.58	1993
1994	0.88	0.69	0.89	3.99	12.60	17.80	17.50	9.74	6.13	2.61	1.35	1.19	6.32	Jul 01	49.50	5.00	0.58	1994
1995	0.84	0.90	0.75	1.56	8.95	17.70	22.60	12.00	5.73	4.28	2.12	1.86	6.65	Jul 27	91.70	4.10	0.50	1995
1996	0.94	0.18	0.19	2.65	7.05	16.30	28.00	13.80	6.69	4.12	3.00	1.22	7.05	Jul 04	83.50	4.02	0.08	1996
1997	0.97	0.97	1.05	1.84	11.70	21.40	22.20	13.20	8.82	11.20	6.14	2.83	8.58	Jun 17	49.90	6.54	0.78	1997
1998	0.81	1.11	1.12	2.02	12.70	9.60	12.50	9.39	4.58	0.71	1.51	0.99	4.79	Sep 17	36.60	1.79	0.37	1998
1999																		1999
2000																		2000
2001																		2001
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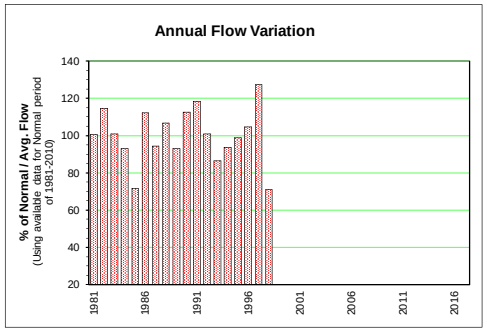
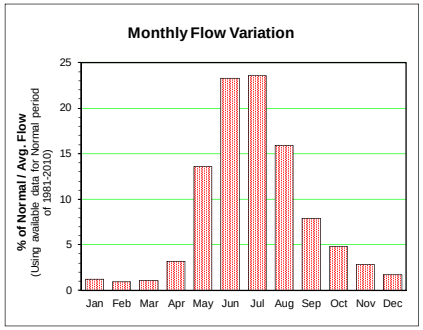
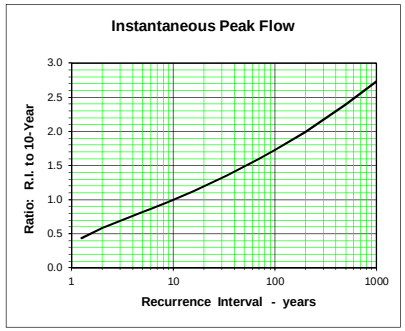
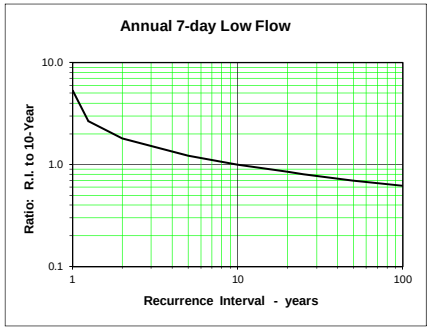
2015																		2015
2016																		2016
2017																		2017
Avg.	0.96	0.80	0.88	2.59	10.78	19.13	18.74	12.62	6.46	3.79	2.35	1.38	6.74	6.88		53.51	4.21	0.60	m^3/s
S. D.	0.19	0.24	0.26	1.05	2.55	4.36	4.57	2.72	1.53	2.12	1.13	0.44	0.99			25.82	1.26	0.19	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.96	0.80	0.88	2.59	10.78	19.13	18.74	12.62	6.46	3.79	2.35	1.38	6.74	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	19	14	17	49	210	361	365	246	122	74	44	27	1547	mm	10-Year	83.7	2.606	0.304	m^3/s









INCOMAPPLEUX RIVER NEAR BEATON 08NE001

Station Longitude Latitude: -117.67748 50.77390

Monthly and Annual Discharge in m^3/s | Drainage Area = 1000.98 km^2 | Median Elevation = 1823 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
1981	16.30	13.60	15.50	30.70	121.00	109.00	150.00	114.00	55.80	29.70	25.40	13.70	58.28	May 26	273.00	28.99	10.74	1981
1982	8.54	9.65	9.63	17.10	82.30	194.00	143.00	103.00	71.20	31.30	19.30	12.00	58.63	Jun 22	300.00	48.27	6.99	1982
1983	10.50	10.00	15.50	36.20	98.40	129.00	161.00	100.00	40.70	19.70	29.50	14.60	55.76	Jul 12	799.00	26.27	8.19	1983
1984	12.80	9.33	11.80	32.40	56.60	148.00	138.00	101.00	51.70	24.60	15.30	10.30	51.09	Aug 27	505.00	30.00	7.77	1984
1985	8.89	7.51	7.86	34.70	126.00	137.00	124.00	65.50	34.70	31.30	22.10	12.20	51.27	May 24	315.00	23.53	6.86	1985
1986	8.85	7.84	17.50	32.80	100.00	165.00	116.00	82.10	34.60	22.90	16.00	11.20	51.47	May 30	369.00	20.94	6.32	1986
1987	8.58	7.42	16.00	42.30	139.00	175.00	122.00	66.00	46.60	17.90	14.10	11.10	55.74	May 12	392.00	34.20	7.10	1987
1988	8.08	6.71	10.30	54.30	107.00	157.00	125.00	78.60	41.90	32.60	25.30	13.20	55.10	Jul 02	325.00	23.74	6.60	1988
1989	10.10	7.97	9.07	34.80	87.40	162.00	117.00	85.90	42.30	25.20	33.50	16.40	52.83	Jun 15	467.00	29.44	6.66	1989
1990	11.60	10.40	11.30	50.90	92.00	165.00	170.00	97.40	46.40	26.20	37.40	18.70	61.71	Jun 24	377.94	36.71	8.88	1990
1991	12.00	14.40	10.70	39.40	115.00	151.00	179.00	127.00	51.40	22.10	12.70	10.60	62.48	Jul 14	350.00	32.30	9.36	1991
1992	8.77	10.90	20.40	50.80	113.00	164.00	96.50	69.80	39.30	33.90	18.60	11.50	53.19	Jun 13	289.00	22.24	8.02	1992
1993	8.05	6.92	8.11	28.20	129.00	101.00	85.10	69.70	33.20	21.10	13.60	11.80	43.27	May 14	307.00	18.93	6.35	1993
1994	10.70	8.37	13.70	59.70	122.00	143.00	143.00	78.20	43.00	18.50	11.40	9.74	55.39	Jul 02	326.00	34.41	8.07	1994
1995	8.05	8.49	12.00	30.90	104.00	163.00	116.00	88.40	52.20	37.50	29.70	22.80	56.34	May 31	256.00	34.80	7.44	1995
1996	11.70	9.47	11.20															1996
1997																		1997
1998																		1998
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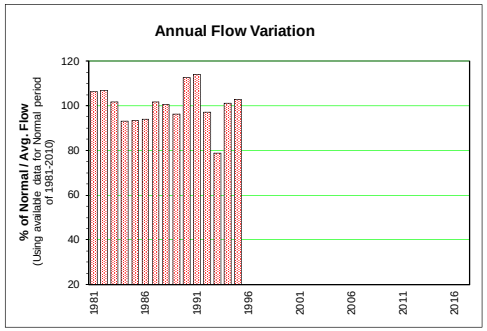
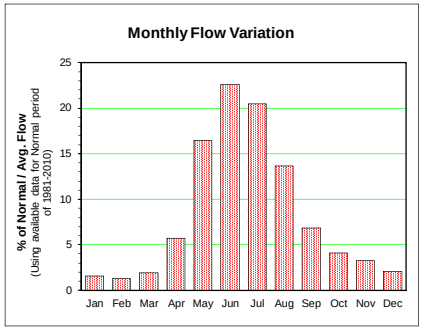
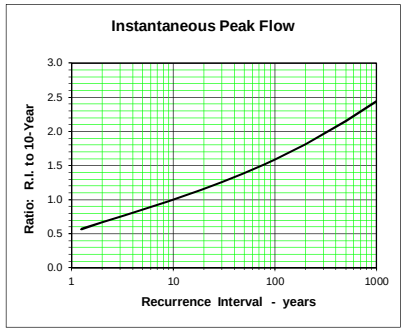
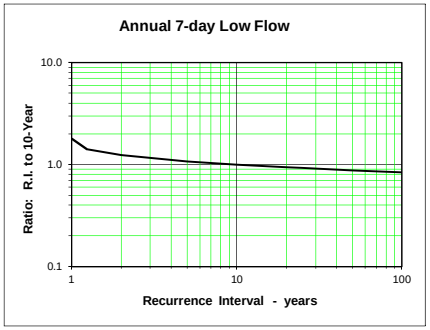
Avg.	10.22	9.31	12.54	38.35	106.18	150.87	132.37	88.44	45.67	26.30	21.59	13.32	54.84	55.83		376.73	29.65	7.69	m^3/s
S. D.	2.26	2.21	3.58	11.35	21.16	24.35	26.05	18.32	9.87	6.09	8.18	3.56	4.74			135.43	7.58	1.24	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10.22	9.31	12.54	38.35	106.18	150.87	132.37	88.44	45.67	26.30	21.59	13.32	54.84	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	27	23	34	99	284	391	354	237	118	70	56	36	1729	mm	10-Year	485.0	22.304	6.142	m^3/s







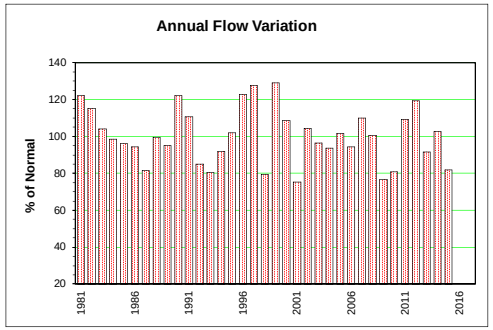


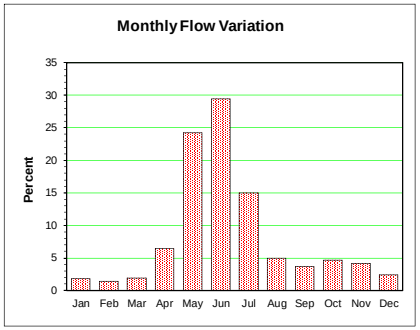
KUSKANAX CREEK NEAR NAKUSP 08NE006

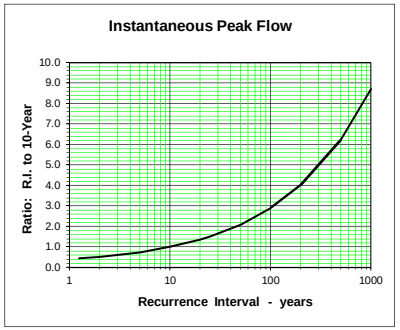
Station Longitude Latitude: -117.734614 50.283100

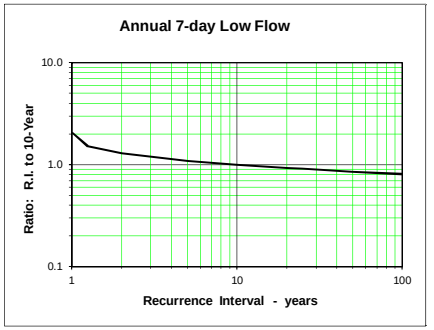
Monthly and Annual Discharge in m^3/s | Drainage Area = 319.02 km^2 | Median Elevation = 1695 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	5.61	3.87	4.18	8.69	47.60	46.70	41.10	11.10	6.13	9.44	7.84	4.21	16.46		May 25	111.00	4.72	3.24	1981
1982	2.53	2.38	2.03	3.49	32.10	75.20	30.80	13.00	9.23	7.37	5.29	3.12	15.57		Jun 14	117.00	7.29	1.90	1982
1983	2.47	2.30	3.35	9.55	39.40	47.80	31.90	8.49	6.93	4.39	7.90	3.59	14.06		Jul 12	106.00	5.36	1.98	1983
1984	4.09	2.87	2.88	8.95	20.00	58.60	33.70	9.65	9.40	4.38	3.14	2.31	13.31		Jun 29	135.00	5.72	2.18	1984
1985	2.02	1.83	1.84	10.00	45.80	46.80	14.30	4.68	6.98	10.20	7.59	3.07	12.96		May 23	110.00	3.16	1.79	1985
1986	2.35	2.20	3.84	10.40	37.10	50.00	21.90	7.00	4.06	5.80	5.22	2.81	12.76		May 30	125.00	3.19	1.93	1986
1987	2.22	1.97	3.32	13.10	47.00	36.50	12.90	5.04	2.98	2.21	2.38	2.19	11.03		May 12	107.26	2.60	1.89	1987
1988	1.80	1.65	1.97	17.40	42.00	45.40	21.00	5.69	3.76	9.17	8.11	3.53	13.46		May 13	98.82	2.75	1.54	1988
1989	2.56	2.00	1.80	8.57	34.20	49.60	16.50	8.01	7.32	5.25	12.10	5.77	12.82		Jun 15	87.60	4.85	1.73	1989
1990	3.22	2.56	2.63	16.70	36.60	60.50	36.80	8.59	4.27	6.92	12.70	5.70	16.47		Jun 24	95.60	3.19	2.19	1990
1991	3.24	3.51	2.82	9.88	40.90	54.80	40.80	10.60	4.40	2.75	2.44	2.18	14.92		Jul 03	95.10	3.35	2.07	1991
1992	2.12	2.40	5.17	15.10	39.50	34.50	9.77	5.27	5.93	9.31	5.37	3.11	11.47		May 26	76.90	3.57	1.98	1992
1993	2.26	1.75	1.85	7.49	53.50	27.30	15.70	7.30	3.51	3.48	2.86	2.33	10.86		May 13	163.39	2.87	1.54	1993
1994	2.15	1.78	3.04	21.70	45.30	41.30	17.30	5.17	3.34	2.74	2.44	2.15	12.40		May 12	75.90	2.63	1.71	1994
1995	1.69	2.02	2.42	6.59	38.10	46.40	14.00	12.30	5.36	14.50	12.00	9.32	13.78		May 31	83.80	3.74	1.52	1995
1996	4.02	2.72	3.40	13.20	29.40	58.10	47.00	14.40	7.48	7.88	6.97	3.91	16.56		Jun 08	107.00	5.78	2.39	1996
1997	2.83	2.31	3.67	7.90	45.50	57.00	37.70	9.38	9.85	16.40	9.32	4.15	17.25		Jun 01	135.00	6.17	2.07	1997
1998	2.81	2.36	3.10	10.80	47.90	29.40	13.00	4.70	2.66	3.77	4.40	3.15	10.73		May 27	74.90	2.52	2.04	1998
1999	2.50	2.12	2.55	8.97	30.50	60.60	44.90	18.60	8.38	8.58	14.80	5.92	17.43		Jun 17	145.00	6.07	1.99	1999
2000	3.23	2.46	2.38	11.20	35.40	54.70	35.10	8.52	7.84	7.73	4.74	2.63	14.67		May 22	110.00	5.19	2.31	2000
2001	2.07	1.83	1.86	5.93	37.30	34.70	15.30	5.65	3.29	3.19	7.02	3.60	10.16		May 24	113.00	2.83	1.71	2001
2002	3.30	2.53	2.38	7.16	32.60	70.80	31.50	6.39	4.15	3.26	2.79	2.35	14.12		Jun 29	130.00	3.30	2.14	2002
2003	1.86	1.76	2.70	11.40	33.80	51.30	14.90	4.30	3.73	17.80	7.29	4.89	13.01		May 25	132.00	2.75	1.63	2003
2004	2.59	1.87	2.69	16.10	37.70	40.80	13.00	5.69	13.30	7.27	6.03	4.58	12.62		Jun 05	93.70	4.15	1.75	2004
2005	7.61	6.51	5.72	13.90	38.40	35.50	16.80	5.08	5.23	18.30	6.97	4.00	13.71		Oct 17	106.00	3.54	3.02	2005
2006	3.68	2.68	2.26	9.87	48.90	48.20	13.80	4.45	3.39	2.89	8.69	3.72	12.74		May 20	132.00	2.97	2.11	2006
2007	2.56	2.10	6.28	12.40	45.00	58.50	24.20	5.49	3.50	7.02	6.13	4.35	14.84		Jun 06	124.00	2.96	1.96	2007
2008	2.62	2.13	1.98	3.43	40.80	49.90	20.20	10.50	9.02	7.69	9.50	5.01	13.58		May 20	126.00	6.04	1.84	2008
2009	3.24	2.71	2.43	5.23	28.60	44.30	15.40	5.28	4.21	4.70	4.97	3.15	10.37		May 30	98.40	3.59	2.35	2009
2010	2.97	2.70	3.09	10.20	25.40	37.10	15.50	5.27	10.40	7.27	6.90	3.91	10.90		May 19	71.60	4.02	2.65	2010
2011	3.46	2.61	2.74	4.11	29.60	60.20	46.50	11.20	4.67	5.05	3.69	2.70	14.77		Jun 23	86.70	4.19	2.19	2011
2012	1.96	1.90	2.23	12.60	41.90	62.70	37.10	7.36	3.79	6.26	11.10	4.60	16.13		Jun 02	100.40	3.17	1.17	2012
2013	2.97	2.51	4.08	9.46	40.80	45.40	18.30	5.00	4.98	6.96	4.42	2.98	12.36		Jun 20	84.72	3.70	2.38	2013
2014	2.46	2.01	2.55	5.61	40.60	52.60	24.90	6.06	4.23	6.75	12.30	5.90	13.87		May 24	91.18	3.51	1.91	2014
2015	4.10	6.88	9.29	13.00	34.70	29.20	7.59	4.09	7.99	5.27	6.08	4.35	11.05		May 29	67.20	3.30	3.30	2015
2016																			2016
2017																	354.86	59.86	2017
Avg.	2.95	2.57	3.16	10.29	38.4	48.6	24.32	7.69	5.88	7.20	6.90	3.86	13.52	13.93		106.21	13.71	3.66	m^3/s
S. D.	1.15	1.14	1.51	4.11	7.27	11.49	11.72	3.36	2.59	4.12	3.27	1.46	2.03			22.71	58.50	9.64	m^3/s
Normal	2.94	2.46	2.99	10.51	38.54	48.41	23.89	7.85	6.00	7.39	6.80	3.82	13.50	m^3/s					
Normal	25	19	25	85	324	393	201	66	49	62	55	32	1336	mm	10-Year	199.68	2.78	1.59	m^3/s







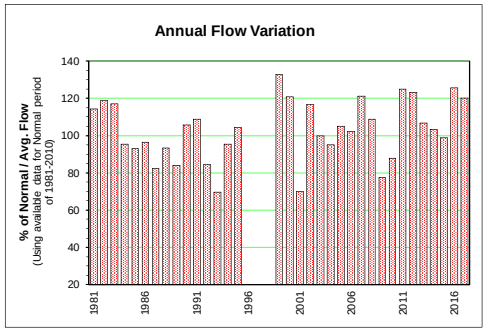


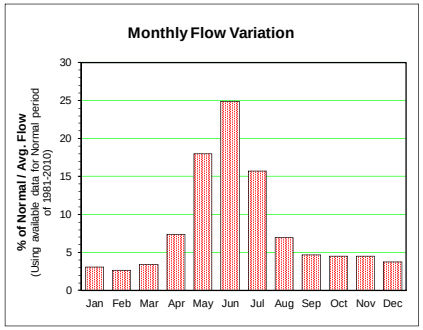
BEATON CREEK NEAR BEATON 08NE008

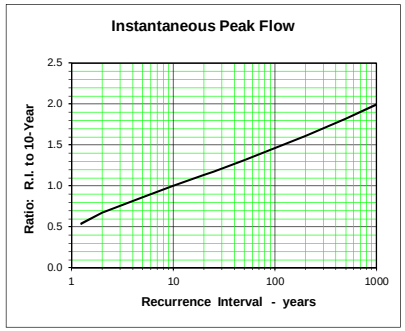
Station Longitude Latitude: -117.72949 50.73447

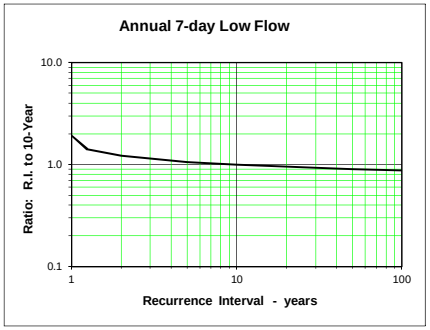
Monthly and Annual Discharge in m^3/s | Drainage Area = 94.54 km^2 | Median Elevation = 1512 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	1.06	1.02	1.09	2.05	5.99	7.81	7.17	2.89	1.68	1.52	1.64	1.28	2.95	May 26	11.70	1.48	0.81	1981
1982	1.02	1.03	0.96	1.43	5.26	11.30	6.93	2.98	1.87	1.52	1.31	1.02	3.06	Jun 22	18.80	1.65	0.88	1982
1983	0.99	1.23	1.76	2.78	5.67	7.95	6.73	2.69	1.74	1.36	1.94	1.27	3.02	May 31	13.60	1.50	0.90	1983
1984	1.13	0.92	1.11	2.12	2.68	8.12	6.09	2.14	1.73	1.40	1.24	0.81	2.46	Jun 29	15.30	1.59	0.78	1984
1985	0.68	0.59	0.61	2.01	6.37	7.49	3.18	1.76	1.63	1.70	1.60	1.05	2.40	May 25	15.30	1.48	0.57	1985
1986	0.90	0.83	1.20	2.34	5.16	9.09	4.12	1.91	1.30	1.00	0.92	0.98	2.48	May 30	17.20	1.14	0.79	1986
1987	0.74	0.67	1.20	2.24	6.44	5.81	3.06	1.66	1.20	0.76	0.73	0.86	2.12	May 09	9.21	1.12	0.55	1987
1988	0.69	0.66	0.76	2.84	5.43	6.95	4.82	2.00	1.27	1.19	1.32	0.91	2.41	May 13	8.07	1.20	0.62	1988
1989	0.79	0.69	0.73	1.79	4.42	6.57	3.28	1.90	1.58	1.18	1.82	1.25	2.17	Jun 16	8.75	1.26	0.65	1989
1990	0.97	0.84	0.90	3.20	4.82	8.08	6.02	2.05	1.25	1.24	1.89	1.36	2.72	Jun 24	11.40	1.04	0.72	1990
1991	0.94	1.29	0.99	2.52	6.05	8.30	6.81	2.58	1.46	1.00	0.90	0.76	2.81	Jul 05	12.30	1.18	0.67	1991
1992	0.75	0.97	1.23	2.40	5.63	6.59	2.88	1.45	1.12	1.15	1.10	0.79	2.17	May 29	8.98	0.95	0.67	1992
1993	0.68	0.63	0.81	1.56	5.42	4.34	2.57	1.59	1.10	0.98	0.87	0.95	1.80	May 16	8.15	0.95	0.59	1993
1994	0.84	0.74	1.05	3.50	6.53	7.03	4.18	1.75	1.15	0.93	0.84	0.85	2.46	May 27	9.16	0.93	0.67	1994
1995	0.70	0.74	1.03	1.96	5.18	8.90	3.97	2.17	1.42	1.72	2.16	2.26	2.69	Jun 06	10.70	1.24	0.63	1995
1996	1.40	1.08	1.06	3.00	5.34	9.78								Jun 09	14.30			1996
1997																		1997
1998				1.96	6.51	4.89	2.35	1.29	0.91	0.88	1.02	1.04		May 26	9.10	0.82		1998
1999	0.83	0.75	0.92	2.15	5.26	9.77	9.07	4.52	2.07	1.51	2.12	1.92	3.42	Jun 18	16.30	1.73	0.67	1999
2000	1.28	1.00	0.89	3.21	6.87	8.66	7.14	2.64	1.90	1.57	1.27	0.95	3.12	Jul 01	10.30	1.63	0.84	2000
2001	0.79	0.68	0.75	1.20	3.91	5.29	3.11	1.54	1.06	0.99	1.27	1.05	1.80	May 29	9.47	0.98	0.65	2001
2002	0.98	0.84	0.77	1.98	5.19	12.20	7.13	2.43	1.44	1.10	1.06	0.92	3.01	Jun 18	16.40	1.37	0.70	2002
2003	0.80	0.69	1.15	2.14	4.36	8.58	3.75	1.76	1.74	2.88	1.77	1.23	2.58	Jun 14	10.40	1.46	0.62	2003
2004	0.82	0.75	1.07	3.44	5.30	6.58	3.43	1.83	1.88	1.59	1.49	1.22	2.45	Jun 06	8.92	1.67	0.75	2004
2005	1.56	1.65	1.44	2.66	6.33	6.54	4.06	1.77	1.37	2.04	1.75	1.26	2.71	May 17	8.89	1.15	1.05	2005
2006	1.20	0.95	0.91	2.53	7.47	8.40	3.59	1.66	1.26	1.07	1.44	1.09	2.64	May 20	14.44	1.15	0.85	2006
2007	1.03	1.00	1.70	2.95	7.21	10.50	5.70	1.99	1.29	1.39	1.43	1.21	3.12	Jun 06	16.80	1.20	0.98	2007
2008	0.97	0.85	0.83	1.22	6.18	8.65	5.07	2.49	2.02	1.91	2.07	1.36	2.81	May 21	11.50	1.68	0.79	2008
2009	0.97	0.86	0.86	1.57	3.64	5.83	3.43	1.86	1.29	1.18	1.46	1.01	2.00	Jun 06	7.92	1.04	0.83	2009
2010	0.95	0.77	1.02	2.10	3.88	6.82	4.13	1.86	1.64	1.43	1.41	1.12	2.27	Jun 24	8.26	1.45	0.75	2010
2011	0.96	0.83	0.95	1.68	6.16	9.73	8.55	3.81	1.93	1.59	1.31	1.00	3.22	Jun 23	12.50	1.70	0.76	2011
2012	0.93	0.92	1.00	2.74	6.11	9.60	7.52	2.57	1.51	1.37	2.11	1.70	3.18	Jun 25	13.39	1.26	0.88	2012
2013	1.12	0.92	1.25	2.54	7.01	8.66	4.87	1.91	1.42	1.24	1.11	0.84	2.75	May 14	10.46	1.29	0.76	2013
2014	0.77	0.68	0.85	1.60	6.19	8.39	4.69	1.89	1.34	1.32	2.49	1.70	2.67	May 24	10.88	1.20	0.62	2014
2015	1.25	1.87	2.37	3.00	5.43	6.10	2.43	1.46	1.83	1.60	1.77	1.52	2.55	Jun 04	8.38	1.24	1.09	2015
2016	1.13	1.13	1.68	5.50	8.60	7.41	3.80	1.92	1.54	2.08	2.77	1.29	3.24	May 08	10.40	1.42	1.02	2016
2017	0.88	0.99	1.51	3.25	8.42	10.80	4.96	1.87	1.21	1.12	1.13	0.98	3.10	Jun 01	18.00	1.05	0.75	2017
Avg.	0.96	0.92	1.10	2.42	5.73	7.99	4.87	2.13	1.49	1.39	1.50	1.17	2.66	2.75		11.82	1.29	0.76	m^3/s
S. D.	0.21	0.27	0.36	0.82	1.24	1.81	1.83	0.66	0.30	0.41	0.49	0.33	0.42			3.23	0.25	0.14	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.94	0.88	1.03	2.31	5.47	7.82	4.78	2.11	1.48	1.36	1.42	1.13	2.58	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	27	23	29	63	155	214	135	60	41	39	39	32	861	mm	10-Year	17.8	1.000	0.605	m^3/s







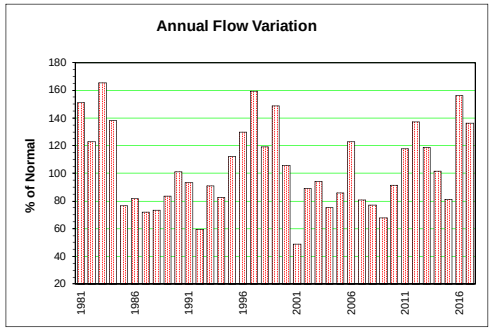


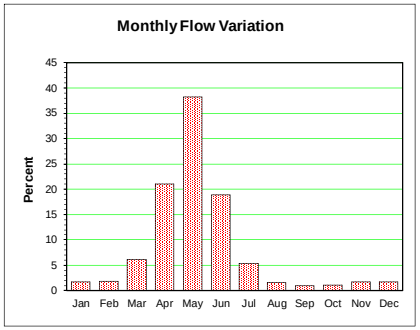
BIG SHEEP CREEK NEAR ROSSLAND 08NE039

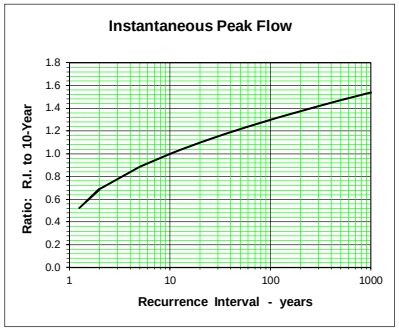
Station Longitude Latitude: -117.945213 49.01467

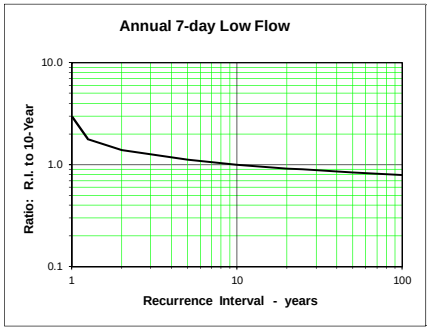
Monthly and Annual Discharge in m^3/s | Drainage Area = 346.84 km^2 | Median Elevation = 1423 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	3.89	4.40	6.40	11.40	33.00	19.70	9.20	2.30	1.00	1.44	2.72	2.26	8.17	May 26	60.90	0.89	0.88	1981
1982	1.33	2.26	4.04	9.30	31.10	16.70	9.03	1.83	1.03	0.95	1.02	0.83	6.65	May 18	49.00	0.90	0.77	1982
1983	0.98	2.49	11.00	19.30	38.90	18.10	6.68	2.30	0.93	0.68	3.32	2.19	8.94	May 26	61.90	0.74	0.64	1983
1984	1.88	1.52	5.56	16.10	25.10	29.80	5.96	1.14	0.74	0.66	0.73	0.54	7.46	May 31	62.10	0.66	0.45	1984
1985	0.49	0.42	0.60	10.00	22.60	9.63	1.37	0.65	0.65	0.69	1.58	0.68	4.13	May 20	39.90	0.52	0.39	1985
1986	0.63	0.65	5.95	12.80	18.80	6.96	2.29	0.86	0.69	0.99	1.02	1.01	4.41	May 28	37.40	0.56	0.54	1986
1987	0.79	0.71	7.12	12.70	16.20	4.97	1.60	0.74	0.45	0.33	0.36	0.54	3.89	May 01	49.50	0.41	0.31	1987
1988	0.45	0.46	1.51	16.90	15.00	8.58	1.85	0.58	0.44	0.39	0.75	0.74	3.96	Apr 18	41.90	0.35	0.35	1988
1989	0.54	0.46	1.20	15.00	21.70	8.06	1.98	0.87	0.73	0.66	1.44	1.51	4.53	May 11	43.10	0.60	0.36	1989
1990	1.13	0.85	2.20	17.00	17.50	19.70	3.23	0.98	0.69	0.54	0.80	1.07	5.47	Jun 01	42.59	0.54	0.53	1990
1991	0.67	1.58	2.12	12.00	23.90	13.60	3.67	1.05	0.55	0.45	0.46	0.41	5.05	May 19	37.40	0.48	0.38	1991
1992	0.44	0.99	5.21	11.10	11.70	2.91	3.06	0.99	0.51	0.48	0.55	0.48	3.21	Apr 30	27.60	0.47	0.38	1992
1993	0.48	0.44	1.06	11.70	29.40	6.33	4.81	2.06	0.82	0.60	0.50	0.46	4.92	May 14	65.10	0.72	0.42	1993
1994	0.46	0.44	1.78	20.00	18.70	8.58	1.83	0.54	0.34	0.30	0.31	0.34	4.47	Apr 22	46.20	0.25	0.24	1994
1995	0.43	1.56	8.20	12.30	29.50	11.40	2.07	0.76	0.45	0.64	1.68	3.27	6.05	May 16	44.30	0.39	0.33	1995
1996	2.08	2.31	4.42	20.40	30.40	17.90	3.53	0.81	0.45	0.52	0.62	0.72	7.01	May 18	52.60	0.43	0.40	1996
1997	1.12	1.02	3.95	16.50	39.80	23.00	6.20	1.29	2.08	2.91	3.40	1.70	8.61	May 16	78.30	0.69	0.69	1997
1998	1.11	1.94	5.99	16.40	33.20	10.70	3.06	0.88	0.48	0.46	0.67	2.06	6.44	May 03	63.88	0.45	0.43	1998
1999	1.43	1.52	6.64	18.30	31.50	22.60	6.86	1.60	0.74	0.57	2.16	2.34	8.04	May 26	73.60	0.58	0.55	1999
2000	1.39	1.69	3.29	17.50	25.90	13.90	2.69	0.60	0.45	0.42	0.38	0.35	5.71	May 03	42.40	0.41	0.31	2000
2001	0.35	0.35	0.45	3.43	15.80	5.66	1.91	0.60	0.38	0.40	0.98	1.28	2.65	May 16	29.10	0.36	0.35	2001
2002	2.02	1.54	1.85	13.20	22.50	11.70	2.25	0.58	0.46	0.43	0.45	0.65	4.81	May 29	41.60	0.43	0.39	2002
2003	0.77	1.32	6.29	17.20	21.40	10.80	1.26	0.46	0.35	0.36	0.37	0.35	5.09	May 26	39.90	0.33	0.33	2003
2004	0.41	0.42	2.12	15.10	15.20	7.15	1.54	0.67	0.84	1.20	1.99	2.16	4.06	Apr 14	27.40	0.59	0.34	2004
2005	2.45	3.21	4.60	13.30	17.50	8.07	3.21	0.79	0.53	0.54	0.64	0.83	4.64	Apr 27	39.00	0.48	0.48	2005
2006	1.39	1.47	2.21	17.70	36.50	14.70	2.41	0.74	0.51	0.48	0.65	0.61	6.64	May 21	82.20	0.48	0.45	2006
2007	0.64	0.72	6.26	14.40	20.30	6.38	1.07	0.49	0.37	0.47	0.47	0.50	4.36	May 09	30.50	0.34	0.34	2007
2008	0.49	0.50	0.71	3.74	28.00	11.00	1.79	0.69	0.51	0.50	0.93	0.82	4.16	May 19	70.70	0.46	0.43	2008
2009	0.76	0.66	0.79	8.32	19.90	8.53	2.16	0.77	0.50	0.47	0.52	0.38	3.66	May 19	31.90	0.41	0.29	2009
2010	0.55	0.75	3.31	11.90	18.70	16.30	2.88	0.83	0.61	0.62	1.52	1.34	4.95	May 19	40.00	0.56	0.42	2010
2011	1.17	1.14	1.76	5.87	34.00	24.00	5.01	1.16	0.53	0.48	0.48	0.43	6.36	May 27	64.20	0.46	0.39	2011
2012	0.41	0.40	0.60	12.00	29.80	25.10	10.60	1.31	0.57	0.54	2.74	4.84	7.42	May 16	52.00	0.50	0.38	2012
2013	1.85	1.39	3.31	20.30	28.90	11.90	3.99	1.00	0.73	1.16	1.24	0.97	6.41	May 09	58.30	0.63	0.63	2013
2014	0.88	0.82	2.02	11.50	28.30	9.48	2.99	0.88	0.62	0.64	2.47	4.74	5.48	May 18	53.20	0.57	0.51	2014
2015	2.58	9.65	10.10	10.10	8.14	6.50	1.21	0.60	0.50	0.45	0.83	2.39	4.38	Mar 29	20.10	0.45	0.41	2015
2016	1.95	4.51	10.70	32.20	16.50	6.22	3.10	0.96	0.56	6.33	13.40	5.11	8.43	Apr 22	58.10	0.52	0.52	2016
2017	2.08	2.21	7.92	20.70	38.20	12.90	1.54	0.55	0.44	0.45	0.52	0.55	7.37	May 06	99.00	0.42	0.38	2017
Avg.	1.15	1.59	4.14	14.26	24.7	12.7	3.51	0.97	0.63	0.82	1.48	1.39	5.62	5.65		50.19	0.51	0.44	m^3/s
S. D.	0.79	1.70	2.99	5.33	8.07	6.51	2.40	0.48	0.30	1.04	2.19	1.29	1.64			17.12	0.14	0.14	m^3/s
Normal	1.05	1.29	3.89	13.83	24.32	12.45	3.38	0.98	0.64	0.67	1.10	1.08	5.40	m^3/s					
Normal	8	9	30	103	188	93	26	8	5	5	8	8	492	mm	10-Year	72.44	0.35	0.31	m^3/s







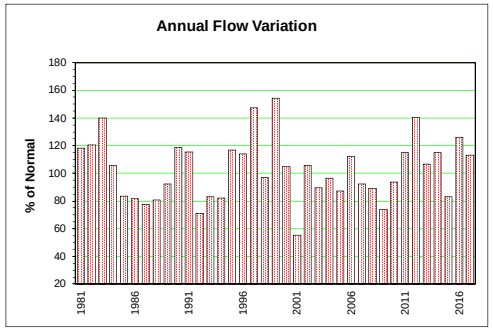


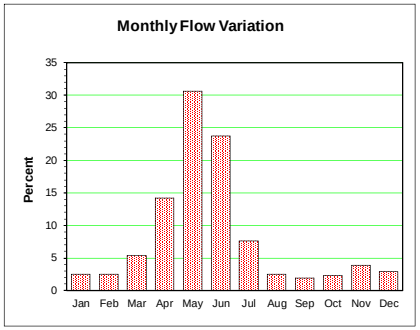
SALMO RIVER NEAR SALMO 08NE074

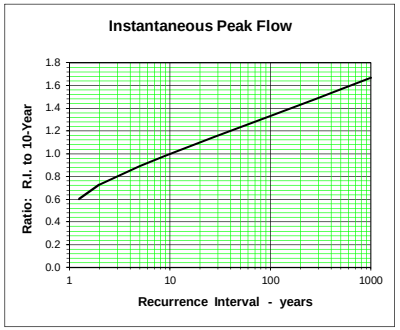
Station Longitude Latitude: -117.294861 49.04711

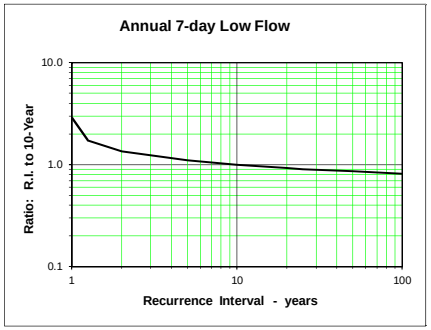
Monthly and Annual Discharge in m^3/s | Drainage Area = 1245.59 km^2 | Median Elevation = 1481 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	21.30	19.20	22.70	39.00	122.00	103.00	52.10	13.40	8.48	13.40	16.20	13.30	37.10	May 26	268.00	7.36	7.36	1981
1982	9.37	17.20	20.60	33.40	122.00	131.00	45.50	16.20	13.00	16.40	15.10	12.40	37.73	Jun 16	261.00	11.13	7.53	1982
1983	12.10	18.10	39.10	56.50	136.00	108.00	53.50	18.80	13.60	10.60	43.10	15.30	43.81	May 30	294.00	10.49	8.50	1983
1984	14.70	11.20	20.40	49.20	85.30	145.00	39.10	8.91	7.03	5.91	6.83	5.40	33.16	May 31	260.00	6.33	5.14	1984
1985	4.54	4.02	5.79	41.30	123.00	70.20	10.50	6.38	8.82	12.40	19.60	6.35	26.16	May 25	265.00	4.69	3.85	1985
1986	7.23	7.58	22.10	43.60	94.40	54.80	24.30	8.16	7.73	11.60	14.50	10.60	25.65	May 28	251.00	6.09	5.58	1986
1987	6.98	6.62	34.90	62.00	105.00	35.60	13.70	6.82	4.51	4.00	4.34	6.34	24.35	May 01	304.00	3.96	3.69	1987
1988	3.91	3.93	9.20	74.00	97.50	60.00	13.60	4.86	5.33	8.63	15.30	7.88	25.32	May 13	239.00	3.21	3.21	1988
1989	7.62	5.86	9.99	63.40	113.00	76.80	14.10	9.14	5.96	5.94	20.00	15.60	29.00	May 11	254.00	4.32	3.89	1989
1990	10.40	8.06	15.30	85.20	99.60	135.00	33.50	9.66	6.04	6.43	24.80	13.60	37.26	Jun 10	292.00	4.70	4.60	1990
1991	9.67	21.90	16.10	58.40	125.00	115.00	52.90	13.20	6.53	4.48	5.25	5.11	36.13	May 19	234.00	5.27	3.87	1991
1992	5.24	10.80	25.40	60.80	91.10	33.10	14.20	5.97	5.37	5.48	5.89	4.04	22.30	Apr 30	205.00	4.23	3.78	1992
1993	3.92	3.71	9.63	38.80	140.00	45.50	31.40	14.20	7.54	6.05	4.84	5.16	26.10	May 13	329.00	6.46	3.32	1993
1994	5.16	4.96	13.50	79.80	97.80	67.20	16.60	5.53	4.15	4.19	4.61	5.49	25.78	Apr 22	201.00	3.25	3.17	1994
1995	5.75	13.00	33.40	41.70	119.00	91.30	20.00	9.79	5.72	17.30	37.60	43.30	36.60	May 18	206.00	4.64	4.64	1995
1996	16.90	22.50	25.20	66.80	102.00	118.00	40.20	10.30	6.10	6.85	8.27	7.35	35.79	Jun 04	247.75	5.51	5.51	1996
1997	10.60	8.65	32.10	60.00	168.00	145.00	41.80	12.20	18.80	24.60	19.30	11.20	46.17	Jun 01	424.00	8.02	8.02	1997
1998	9.31	11.90	24.30	73.60	128.00	53.80	18.80	9.38	5.26	6.18	9.66	13.90	30.43	May 03	248.00	5.01	4.99	1998
1999	10.60	9.89	22.20	60.30	129.00	168.00	85.70	21.80	8.85	7.61	35.50	19.60	48.35	May 26	343.00	6.95	6.25	1999
2000	11.50	10.40	16.30	72.40	121.00	108.00	26.00	6.83	6.08	6.33	5.13	4.15	32.80	May 23	216.00	5.30	3.73	2000
2001	3.70	3.10	5.91	19.50	83.20	40.30	11.60	5.14	3.27	4.25	16.90	10.30	17.31	May 25	199.00	2.80	2.80	2001
2002	17.60	12.70	13.50	51.00	117.00	124.00	31.40	7.59	4.95	4.10	5.05	7.77	33.08	May 28	290.00	4.41	3.12	2002
2003	6.98	9.02	26.10	53.20	99.00	96.20	15.60	4.60	4.00	7.68	7.52	5.92	28.01	May 25	261.00	3.16	3.16	2003
2004	5.18	5.69	16.80	72.70	97.40	65.90	17.90	9.13	18.10	13.70	18.90	21.50	30.23	May 05	159.00	5.20	4.65	2004
2005	15.90	19.70	21.20	50.30	93.90	60.90	22.20	7.15	5.23	11.80	10.50	8.48	27.29	May 16	185.00	4.49	4.49	2005
2006	14.60	11.00	13.50	59.40	159.00	103.00	17.70	5.73	4.16	3.83	20.70	9.31	35.23	May 21	394.00	3.71	3.56	2006
2007	7.44	6.96	45.50	62.50	109.00	68.50	12.40	4.90	3.87	8.40	7.40	9.21	28.95	Jun 06	197.00	3.53	3.53	2007
2008	6.12	6.18	8.21	19.00	138.00	96.60	19.90	7.90	5.88	7.25	11.80	6.86	27.87	May 21	352.00	4.91	4.56	2008
2009	6.46	5.64	7.00	29.50	94.50	80.50	20.00	8.56	5.13	5.96	8.04	6.41	23.20	May 31	222.00	4.40	4.37	2009
2010	7.52	8.70	15.10	43.90	85.00	115.00	22.60	7.79	7.71	8.60	19.30	12.00	29.42	Jun 03	250.00	5.65	5.60	2010
2011	11.70	10.30	11.80	23.60	121.00	161.00	59.10	11.60	4.87	5.33	5.88	4.84	35.99	Jun 07	230.00	4.23	4.15	2011
2012	4.34	4.09	7.51	66.60	130.00	181.00	61.30	11.20	6.11	8.24	24.30	24.00	44.00	Jun 06	299.00	5.18	3.94	2012
2013	10.70	7.65	15.40	58.70	140.00	94.90	26.90	7.73	8.35	11.40	10.10	7.58	33.39	May 22	298.00	5.06	5.06	2013
2014	6.71	6.10	14.50	45.70	149.00	102.00	28.50	8.80	6.14	9.13	24.70	28.90	36.00	May 24	253.00	5.27	4.38	2014
2015	13.90	51.00	48.80	47.70	65.40	33.80	7.00	3.94	4.29	4.05	17.90	16.30	25.97	Feb 08	104.00	3.27	3.27	2015
2016	12.00	18.70	34.70	107.00	102.00	51.80	16.70	6.92	5.89	39.30	60.40	20.20	39.57	Apr 22	215.00	4.94	4.94	2016
2017	9.83	10.70	38.60	62.30	156.00	93.60	17.90	5.25	3.59	5.55	10.50	10.10	35.45	May 24	299.32	3.26	3.26	2017
Avg.	9.39	11.26	20.60	54.94	115.1	92.8	28.55	9.07	6.93	9.27	16.10	11.78	32.19	31.98		258.08	5.15	4.58	m^3/s
S. D.	4.33	8.60	11.29	18.41	23.42	39.12	17.64	3.98	3.58	6.74	12.15	7.99	7.00			62.29	1.82	1.42	m^3/s
Normal	9.28	10.27	19.70	54.04	113.16	90.51	27.96	9.33	7.24	8.67	14.73	10.79	31.35	m^3/s					
Normal	20	20	42	112	243	188	60	20	15	19	31	23	794	mm	10-Year	353.80	3.41	3.05	m^3/s







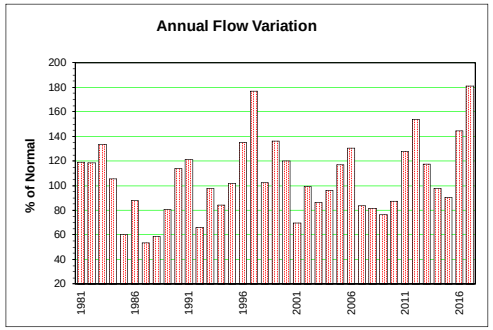


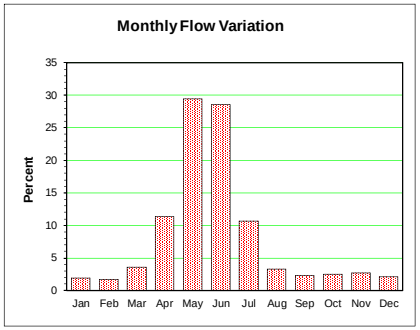
DEER CREEK AT DEER PARK 08NE087

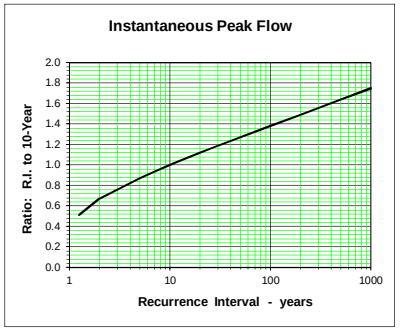
Station Longitude Latitude: -118.042921 49.42525

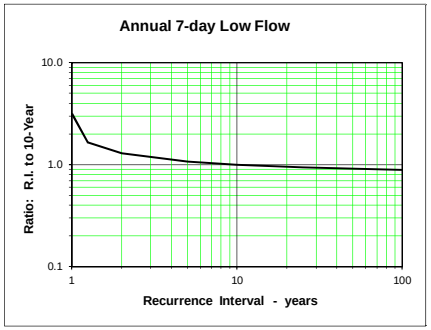
Monthly and Annual Discharge in m^3/s | Drainage Area = 80.32 km^2 | Median Elevation = 1361 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	0.30	0.25	0.36	0.73	3.11	3.09	2.48	0.57	0.35	0.50	0.53	0.36	1.06		May 26	10.16	0.264	0.23	1981
1982	0.27	0.29	0.47	0.88	2.99	3.89	1.77	0.51	0.51	0.44	0.35	0.26	1.05		Jun 16	11.75	0.349	0.21	1982
1983	0.24	0.34	1.07	1.71	4.19	3.16	1.49	0.53	0.38	0.27	0.54	0.28	1.19		May 30	14.52	0.304	0.22	1983
1984	0.25	0.21	0.39	1.09	1.74	4.84	1.64	0.35	0.25	0.20	0.19	0.15	0.94		Jun 29	13.52	0.213	0.13	1984
1985	0.13	0.11	0.11	0.63	2.31	1.53	0.30	0.17	0.27	0.29	0.35	0.20	0.53		May 25	7.48	0.119	0.10	1985
1986	0.17	0.15	0.53	1.09	2.98	2.41	0.90	0.29	0.20	0.26	0.22	0.16	0.78		May 30	12.06	0.159	0.13	1986
1987	0.13	0.12	0.25	0.69	2.42	0.98	0.46	0.21	0.12	0.09	0.11	0.13	0.48		May 01	7.77	0.096	0.09	1987
1988	0.09	0.09	0.11	0.75	1.98	1.63	0.58	0.18	0.15	0.29	0.27	0.16	0.52		May 13	5.82	0.100	0.07	1988
1989	0.13	0.09	0.12	0.99	3.03	2.69	0.50	0.24	0.23	0.16	0.24	0.18	0.72		May 11	9.45	0.151	0.09	1989
1990	0.13	0.10	0.14	1.43	2.61	5.42	1.37	0.30	0.15	0.14	0.23	0.14	1.01		Jun 02	9.90	0.114	0.09	1990
1991	0.13	0.18	0.23	1.32	3.66	4.03	2.27	0.49	0.20	0.13	0.14	0.12	1.08		May 22	7.97	0.165	0.11	1991
1992	0.12	0.16	0.42	1.10	2.57	1.20	0.63	0.23	0.15	0.16	0.18	0.13	0.59		May 08	6.77	0.126	0.11	1992
1993	0.12	0.11	0.16	1.08	4.23	1.90	1.19	0.70	0.27	0.23	0.18	0.17	0.87		May 14	11.15	0.224	0.08	1993
1994	0.15	0.13	0.27	1.99	2.75	2.35	0.62	0.19	0.14	0.13	0.13	0.12	0.75		May 10	5.74	0.108	0.10	1994
1995	0.11	0.14	0.53	1.05	2.95	3.05	0.69	0.39	0.19	0.38	0.51	0.87	0.91		Jun 05	6.82	0.153	0.10	1995
1996	0.46	0.34	0.76	2.29	2.81	4.52	1.97	0.34	0.23	0.23	0.30	0.22	1.20		Jun 04	10.58	0.200	0.19	1996
1997	0.24	0.23	0.62	2.14	5.01	5.27	2.63	0.49	0.69	0.70	0.48	0.32	1.57		May 31	12.05	0.353	0.21	1997
1998	0.26	0.26	0.71	1.62	4.37	1.75	0.83	0.28	0.15	0.19	0.23	0.22	0.91		May 04	7.84	0.118	0.12	1998
1999	0.20	0.19	0.45	1.33	2.93	4.62	2.24	0.79	0.35	0.30	0.71	0.42	1.21		Jun 17	9.90	0.267	0.18	1999
2000	0.28	0.25	0.44	2.59	3.20	3.75	1.26	0.31	0.24	0.22	0.19	0.15	1.07		Apr 23	7.99	0.215	0.14	2000
2001	0.10	0.11	0.12	0.33	2.93	2.21	0.74	0.25	0.14	0.14	0.20	0.14	0.62		May 24	10.40	0.126	0.10	2001
2002	0.16	0.11	0.11	0.69	3.14	4.31	1.16	0.28	0.16	0.13	0.15	0.16	0.88		May 29	11.80	0.130	0.10	2002
2003	0.12	0.13	0.38	1.15	2.64	3.37	0.63	0.17	0.13	0.21	0.18	0.13	0.77		May 25	10.90	0.119	0.10	2003
2004	0.11	0.11	0.26	1.56	2.65	2.44	0.60	0.26	0.73	0.56	0.51	0.51	0.86		Jun 05	5.52	0.184	0.10	2004
2005	0.66	0.92	0.82	1.79	3.36	2.44	1.08	0.35	0.21	0.38	0.28	0.20	1.04		May 16	9.50	0.177	0.17	2005
2006	0.24	0.17	0.24	1.50	5.53	4.31	0.90	0.30	0.21	0.14	0.19	0.16	1.16		May 20	21.50	0.182	0.10	2006
2007	0.13	0.14	0.74	1.43	2.74	2.50	0.45	0.18	0.13	0.19	0.17	0.14	0.75		Jun 05	7.34	0.116	0.12	2007
2008	0.11	0.11	0.11	0.21	2.80	3.01	0.73	0.33	0.24	0.30	0.50	0.24	0.73		May 18	9.79	0.201	0.10	2008
2009	0.19	0.11	0.12	0.92	2.79	2.44	0.58	0.26	0.17	0.21	0.20	0.12	0.68		May 30	8.06	0.139	0.10	2009
2010	0.14	0.17	0.22	0.71	2.31	3.68	0.82	0.32	0.25	0.21	0.30	0.20	0.78		May 18	11.80	0.208	0.12	2010
2011	0.20	0.20	0.22	0.73	4.01	5.37	1.85	0.50	0.17	0.16	0.12	0.09	1.14		May 23	10.20	0.134	0.09	2011
2012	0.09	0.08	0.09	1.05	3.93	6.72	3.01	0.46	0.18	0.18	0.38	0.28	1.37		Jun 05	12.40	0.146	0.08	2012
2013	0.16	0.16	0.30	1.47	4.82	3.40	1.06	0.25	0.24	0.30	0.22	0.14	1.05		May 12	10.90	0.176	0.12	2013
2014	0.12	0.09	0.14	0.72	4.13	3.13	0.79	0.21	0.15	0.21	0.40	0.31	0.87		May 17	9.94	0.120	0.09	2014
2015	0.23	1.33	1.59	1.49	2.36	1.61	0.30	0.16	0.16	0.14	0.20	0.18	0.81		Jun 03	5.31	0.137	0.12	2015
2016	0.15	0.29	0.99	4.44	3.35	1.96	0.80	0.24	0.20	0.93	1.51	0.64	1.29		Apr 21	9.80	0.162	0.14	2016
2017	0.36	0.38	1.29	3.35	6.63	5.47	0.80	0.22	0.16	0.19	0.25	0.19	1.61		May 23	14.50	0.144	0.09	2017
Avg.	0.19	0.23	0.43	1.35	3.3	3.3	1.14	0.33	0.24	0.27	0.32	0.23	0.94	0.91		9.97	0.17	0.12	m^3/s
S. D.	0.11	0.24	0.36	0.82	1.02	1.38	0.70	0.15	0.14	0.17	0.25	0.16	0.27			3.10	0.07	0.04	m^3/s
Normal	0.20	0.19	0.38	1.23	3.09	3.09	1.12	0.34	0.25	0.26	0.29	0.23	0.89	m^3/s					
Normal	7	6	13	40	103	100	37	11	8	9	9	8	350	mm	10-Year	13.69	0.11	0.08	m^3/s







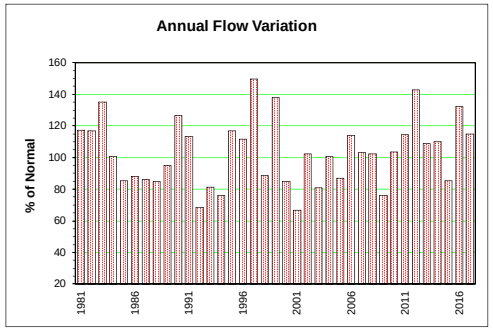


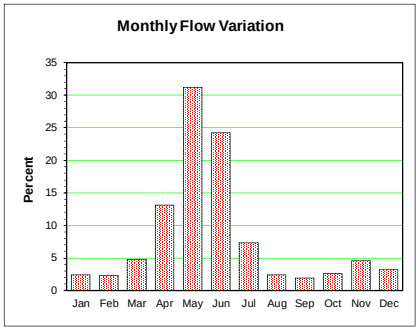
HIDDEN CREEK NEAR THE MOUTH 08NE114

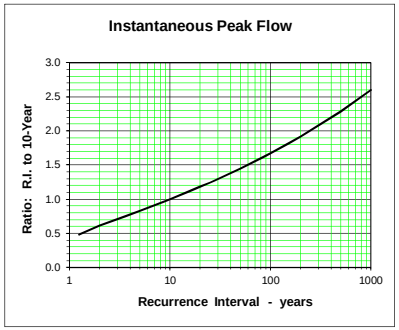
Station Longitude Latitude: -117.23877 49.23454

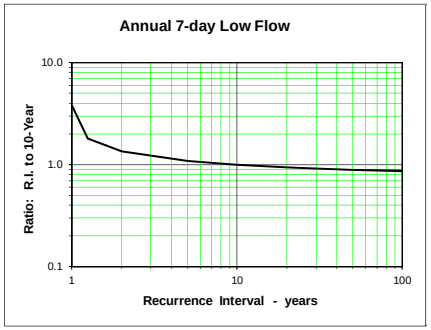
Monthly and Annual Discharge in m^3/s | Drainage Area = 56.53 km^2 | Median Elevation = 1561 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	1.16	0.92	0.84	1.48	6.44	5.45	2.54	0.71	0.49	0.73	0.82	0.77	1.87	May 25	14.40	0.41	0.41	1981
1982	0.38	1.02	0.85	1.30	6.11	6.25	2.36	0.83	0.74	0.88	0.74	0.82	1.86	May 25	15.10	0.60	0.28	1982
1983	0.72	0.73	1.21	2.22	6.19	5.96	2.65	1.10	0.82	0.72	2.58	0.80	2.15	May 29	15.40	0.67	0.51	1983
1984	0.63	0.46	0.74	2.14	4.42	7.00	2.04	0.46	0.41	0.30	0.36	0.27	1.60	May 19	11.80	0.30	0.24	1984
1985	0.22	0.17	0.23	1.90	6.23	3.85	0.54	0.28	0.47	0.78	1.24	0.33	1.36	Jun 07	14.80	0.17	0.16	1985
1986	0.32	0.45	1.23	2.21	5.17	2.96	1.11	0.44	0.44	0.70	1.01	0.72	1.40	May 27	12.90	0.29	0.27	1986
1987	0.40	0.35	1.70	4.13	5.51	2.09	0.77	0.42	0.22	0.19	0.21	0.42	1.37	May 01	14.08	0.19	0.18	1987
1988	0.21	0.20	0.41	4.17	5.00	3.20	0.67	0.24	0.28	0.45	0.97	0.45	1.35	May 13	12.70	0.16	0.16	1988
1989	0.35	0.26	0.34	2.90	5.79	4.05	0.75	0.54	0.39	0.38	1.51	0.86	1.51	May 10	14.20	0.25	0.22	1989
1990	0.44	0.37	0.54	4.28	5.29	7.22	1.72	0.47	0.27	0.30	2.20	1.09	2.01	Jun 10	14.85	0.20	0.19	1990
1991	0.46	1.01	0.61	2.31	6.70	6.07	2.87	0.69	0.29	0.19	0.21	0.20	1.80	May 19	14.60	0.23	0.14	1991
1992	0.23	0.52	1.01	3.09	4.58	1.76	0.67	0.22	0.21	0.27	0.27	0.19	1.08	Apr 30	12.66	0.14	0.14	1992
1993	0.16	0.16	0.52	1.84	6.66	2.67	1.52	0.61	0.39	0.31	0.23	0.29	1.29	May 13	18.30	0.36	0.15	1993
1994	0.21	0.18	0.70	3.77	4.52	3.23	0.72	0.24	0.19	0.26	0.21	0.27	1.21	Apr 21	10.70	0.15	0.15	1994
1995	0.38	0.80	1.54	1.78	6.08	4.45	0.90	0.45	0.26	1.19	2.23	2.14	1.85	May 30	10.50	0.21	0.21	1995
1996	0.67	1.06	1.14	3.49	5.48	5.90	1.96	0.41	0.26	0.32	0.40	0.29	1.78	Jun 03	14.30	0.21	0.21	1996
1997	0.60	0.35	2.16	3.42	9.26	6.31	1.89	0.61	1.08	1.37	0.97	0.44	2.38	May 31	29.00	0.31	0.31	1997
1998	0.36	0.37	0.85	2.32	6.60	3.11	0.80	0.36	0.19	0.31	0.62	0.90	1.41	May 03	10.80	0.17	0.17	1998
1999	0.50	0.46	0.99	2.54	5.90	7.90	3.61	0.97	0.31	0.26	1.48	1.31	2.19	Jun 17	20.80	0.21	0.18	1999
2000	0.47	0.41	0.51	1.21	5.10	5.76	1.41	0.29	0.28	0.34	0.22	0.17	1.35	May 22	11.00	0.19	0.16	2000
2001	0.16	0.16	0.29	1.34	4.94	2.52	0.60	0.20	0.16	0.22	1.45	0.63	1.06	May 24	10.70	0.14	0.14	2001
2002	1.14	0.77	0.82	2.30	6.03	5.50	1.47	0.36	0.25	0.21	0.25	0.39	1.63	May 28	18.40	0.21	0.17	2002
2003	0.36	0.46	1.39	2.65	4.38	4.01	0.66	0.20	0.19	0.47	0.35	0.29	1.28	May 25	12.50	0.14	0.14	2003
2004	0.24	0.27	0.78	3.60	4.90	3.75	1.05	0.60	1.01	0.76	1.13	1.15	1.60	Jun 06	9.75	0.27	0.22	2004
2005	0.88	0.82	0.81	2.56	4.75	3.14	1.01	0.33	0.27	0.88	0.62	0.51	1.38	May 16	10.90	0.21	0.21	2005
2006	0.70	0.52	0.58	3.03	8.02	5.19	0.71	0.25	0.19	0.16	1.80	0.56	1.81	May 20	26.30	0.16	0.15	2006
2007	0.38	0.38	2.92	3.34	6.12	3.93	0.66	0.24	0.18	0.52	0.41	0.51	1.64	Mar 25	15.80	0.15	0.15	2007
2008	0.29	0.29	0.34	0.86	8.37	6.48	1.23	0.32	0.22	0.30	0.56	0.24	1.63	May 20	24.00	0.18	0.17	2008
2009	0.22	0.18	0.20	1.47	5.51	4.36	1.14	0.36	0.19	0.23	0.33	0.22	1.21	May 30	13.70	0.17	0.17	2009
2010	0.27	0.26	0.59	2.62	5.28	6.83	1.20	0.27	0.31	0.39	1.17	0.53	1.64	Jun 03	19.40	0.20	0.20	2010
2011	0.58	0.39	0.43	0.88	6.61	8.30	2.90	0.56	0.25	0.31	0.30	0.25	1.82	Jun 06	15.50	0.22	0.15	2011
2012	0.22	0.21	0.38	3.75	7.25	9.04	2.82	0.48	0.22	0.39	1.34	1.20	2.27	May 22	26.60	0.17	0.15	2012
2013	0.44	0.35	0.86	2.87	7.53	4.83	1.14	0.36	0.55	0.70	0.60	0.42	1.73	May 22	22.40	0.24	0.24	2013
2014	0.31	0.26	0.66	1.93	7.14	4.83	1.33	0.49	0.36	0.59	1.45	1.50	1.75	May 17	15.50	0.31	0.25	2014
2015	0.67	2.34	2.22	2.22	3.24	1.66	0.36	0.19	0.22	0.24	1.58	1.42	1.35	Nov 14	10.60	0.14	0.14	2015
2016	0.58	0.76	1.33	5.54	5.44	3.01	0.82	0.26	0.25	2.57	3.72	0.97	2.10	Oct 27	13.00	0.18	0.18	2016
2017	0.42	0.55	1.96	2.81	8.03	5.35	0.93	0.21	0.15	0.30	0.61	0.54	1.83	Nov 30	18.73	0.13	0.13	2017
Avg.	0.45	0.52	0.94	2.60	6.0	4.8	1.39	0.43	0.35	0.53	0.98	0.65	1.64	1.64		15.59	0.23	0.20	m^3/s
S. D.	0.24	0.41	0.62	1.05	1.26	1.87	0.82	0.22	0.23	0.45	0.79	0.45	0.33			4.91	0.12	0.08	m^3/s
Normal	0.45	0.48	0.89	2.54	5.84	4.70	1.37	0.45	0.37	0.48	0.88	0.59	1.59	m^3/s					
Normal	21	21	42	117	277	215	65	21	17	23	41	28	888	mm	10-Year	23.76	0.14	0.14	m^3/s









KUSKANAX CREEK AT 1040 M CONTOUR 08NE117

Station Longitude Latitude: -117.51864 50.34361

Monthly and Annual Discharge in m^3/s | Drainage Area = 110.67 km^2 | Median Elevation = 1769 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
1981	1.83	1.05	0.95	2.79	18.60	16.80	15.70	3.97	2.27	3.51	2.49	1.15	5.96	May 25	48.10	1.53	0.84	1981
1982	0.70	0.64	0.50	0.74	11.40	30.60	12.20	4.45	3.02	2.27	1.47	0.91	5.75	Jun 15	49.70	2.07	0.47	1982
1983	0.73	0.60	0.73	2.98	16.00	18.60	13.10	2.86	2.83	1.52	3.07	1.06	5.36	Jul 12	57.20	1.65	0.57	1983
1984	1.33	0.78	0.68	2.88	8.49	25.00	13.00	3.26	3.31	1.53	1.12	0.79	5.17	Jun 29	79.10	1.83	0.65	1984
1985	0.58	0.52	0.49	3.02	19.50	18.90	5.49	1.68	2.69	3.81	1.89	0.76	4.96	May 23	50.60	1.20	0.47	1985
1986	0.63	0.65	1.07	3.11	17.10	23.10	9.85	2.26	1.26	2.01	1.59	0.94	5.31	May 28	73.20	0.98	0.58	1986
1987	0.72	0.62	0.94	4.77	21.40	15.60	5.00	1.76	1.00	0.75	0.91	0.73	4.54	May 12	61.40	0.86	0.53	1987
1988	0.44	0.41	0.48	6.12	17.60	18.70	7.97	1.54	1.20	3.78	2.78	1.07	5.18	May 13	44.10	0.82	0.38	1988
1989	0.78	0.63	0.56	3.08	14.30	22.60	7.38	3.24	2.32	1.68	3.81	1.37	5.15	Jun 15	52.60	1.30	0.54	1989
1990	0.78	0.70	0.70	5.82	15.60	26.00	14.70	2.65	1.23	2.53	3.86	1.52	6.36	Jun 24	49.70	0.85	0.63	1990
1991	0.87	0.80	0.70	2.88	16.70	24.90	19.30	4.78	1.36	0.79	0.66	0.50	6.22	Jul 04	41.50	0.92	0.46	1991
1992	0.48	0.56	1.44	6.28	17.90	15.60	3.79	1.86	2.65	4.19	1.72	0.89	4.78	May 26	41.10	1.12	0.44	1992
1993	0.59	0.46	0.49	1.74	21.40	11.10	5.95	2.02	0.92	1.10	0.95	0.73	3.99	May 13	50.80	0.79	0.41	1993
1994	0.61	0.54	0.84	8.12	18.90	16.90	7.05	1.37	0.99	0.83	0.83	0.65	4.82	May 26	35.20	0.73	0.52	1994
1995	0.53	0.56	0.66	1.77	17.00	20.40	5.84	5.24	1.67	5.90	3.56	2.47	5.49	May 30	40.00	1.12	0.43	1995
1996	0.91	0.67	0.82	4.09	11.80	25.40								Jun 08	45.90			1996
1997																		1997
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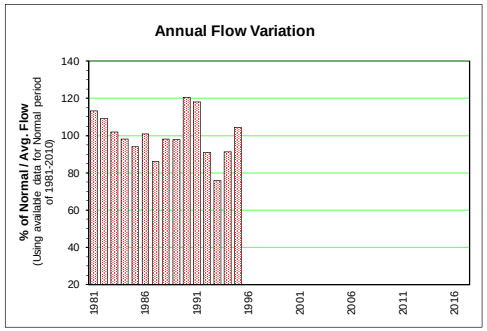
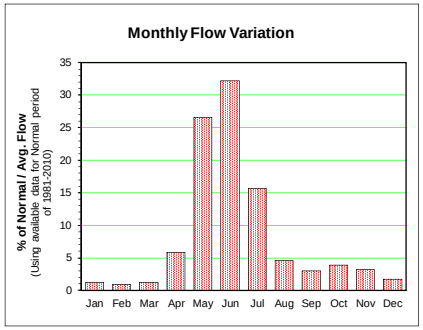
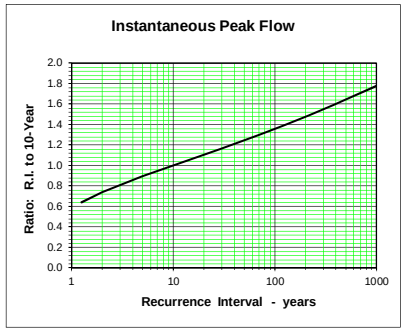
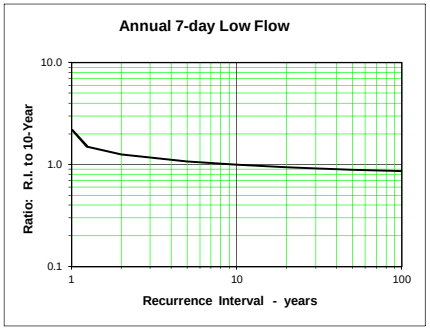
2016																		2016
2017																		2017
Avg.	0.78	0.64	0.75	3.76	16.48	20.64	9.75	2.86	1.91	2.41	2.05	1.04	5.27	5.35		51.26	1.186	0.53	m^3/s
S. D.	0.35	0.15	0.26	1.97	3.55	5.03	4.64	1.26	0.84	1.52	1.13	0.48	0.63			11.76	0.413	0.12	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.78	0.64	0.75	3.76	16.48	20.64	9.75	2.86	1.91	2.41	2.05	1.04	5.27	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	19	14	18	88	399	483	236	69	45	58	48	25	1502	mm	10-Year	64.0	0.798	0.415	m^3/s







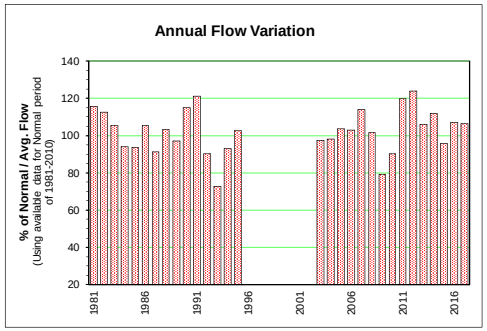


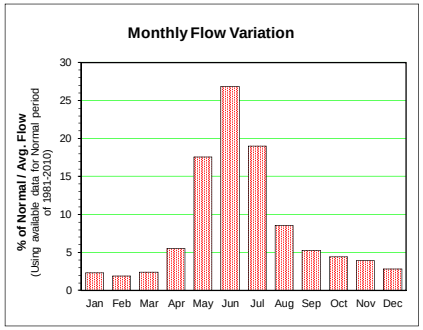
LARDEAU RIVER AT MARBLEHEAD 08NH007

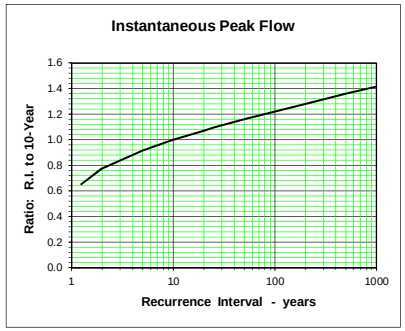
Station Longitude Latitude: -116.96882 50.26273

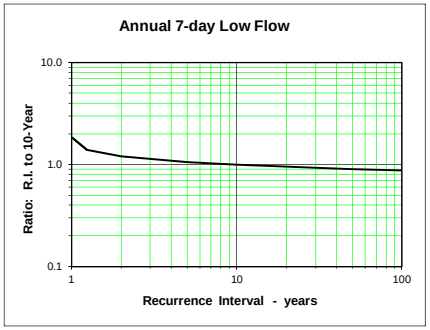
Monthly and Annual Discharge in m^3/s | Drainage Area = 1632.11 km^2 | Median Elevation = 1717 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	25.40	19.50	20.30	33.20	134.00	156.00	171.00	88.50	46.10	33.00	27.30	19.10	64.81	May 26	256.00	40.59	16.46	1981
1982	14.20	14.40	13.80	19.20	96.20	232.00	158.00	83.30	52.40	32.60	24.40	15.40	63.18	Jun 22	338.00	41.97	12.79	1982
1983	13.20	13.50	19.50	34.30	110.00	183.00	152.00	68.20	39.90	21.80	32.30	17.80	59.02	Jul 13	281.00	29.80	12.03	1983
1984	18.00	14.30	15.50	32.30	54.70	175.00	151.00	70.60	44.30	25.20	18.30	14.10	52.82	Jun 29	377.00	34.87	12.10	1984
1985	12.20	10.30	10.10	30.80	133.00	184.00	101.00	41.30	32.30	30.90	27.90	14.90	52.56	May 26	282.00	28.43	9.61	1985
1986	12.80	11.90	17.80	37.50	103.00	242.00	130.00	61.40	31.90	23.60	21.20	15.50	59.17	Jun 02	400.00	24.74	11.00	1986
1987	12.70	11.20	17.10	40.60	161.00	163.00	91.20	43.80	27.00	15.50	14.30	13.60	51.13	May 12	284.00	22.49	10.39	1987
1988	10.10	9.87	11.70	48.30	127.00	197.00	128.00	48.10	29.30	34.10	31.30	19.70	57.93	Jun 24	252.00	25.64	9.44	1988
1989	14.90	11.30	12.10	31.40	110.00	191.00	107.00	53.60	36.70	23.30	36.20	24.30	54.46	Jun 15	310.00	27.37	10.63	1989
1990	17.90	16.10	15.00	56.00	105.00	198.00	165.00	66.10	32.40	30.00	41.70	28.60	64.52	Jun 25	292.00	25.40	13.97	1990
1991	17.50	19.80	16.20	39.60	135.00	198.00	198.00	94.20	40.30	21.10	16.40	14.60	67.88	Jul 04	290.00	28.66	13.27	1991
1992	12.50	15.30	21.70	44.60	125.00	163.00	78.20	42.00	28.50	34.70	25.10	15.30	50.52	Jun 14	206.00	23.19	11.77	1992
1993	12.50	9.73	10.40	22.50	119.00	116.00	75.30	45.20	26.10	19.50	16.60	14.80	40.84	Jun 01	208.00	21.07	8.61	1993
1994	13.20	11.20	15.30	58.30	140.00	158.00	112.00	46.00	26.10	17.30	14.50	12.50	52.24	May 27	206.00	22.44	10.61	1994
1995	11.20	12.00	14.60	24.50	103.00	200.00	98.70	65.30	43.60	40.80	38.00	36.80	57.54	Jun 06	278.29	29.59	10.05	1995
1996	22.90	17.00	16.70	43.00	92.70	219.00	205.00			19.00				Jun 08	311.00		15.14	1996
1997																		1997
1998																		1998
1999																		1999
2000																		2000
2001																		2001
2002										19.00	14.90	12.80						2002
2003	11.30	10.30	14.50	38.70	95.90	200.00	103.00	42.80	26.50	55.70	36.30	18.90	54.63	Jun 09	240.00	23.41	9.47	2003
2004	11.20	12.60	16.60	56.50	118.00	154.00	98.00	48.80	55.00	37.10	28.90	22.70	54.98	Jun 25	195.00	43.86	8.32	2004
2005	26.50	29.40	24.30	44.10	128.00	154.00	107.00	43.00	29.30	54.00	35.80	20.60	58.15	May 16	194.00	22.39	16.41	2005
2006	19.40	16.80	14.60	40.60	169.00	197.00	104.00	39.00	26.30	17.40	29.10	18.10	57.77	May 24	337.00	23.24	14.01	2006
2007	13.70	12.20	27.30	49.00	143.00	229.00	149.00	46.80	26.50	26.30	24.40	17.80	63.97	Jun 06	372.00	22.20	11.80	2007
2008	12.80	12.60	11.90	18.00	123.00	182.00	125.00	63.90	43.90	33.50	34.80	20.30	56.91	May 21	247.00	30.54	11.20	2008
2009	15.50	12.20	11.50	21.60	74.80	162.00	99.20	45.50	30.10	22.80	22.70	14.90	44.50	Jun 06	206.00	24.40	10.99	2009
2010	12.90	11.10	13.20	36.60	86.90	151.00	109.00	51.40	46.40	39.40	29.50	18.70	50.66	Jun 29	189.00	28.29	10.80	2010
2011	17.80	15.50	14.90	25.30	107.00	230.00	205.00	86.60	34.90	28.30	20.40	15.90	67.10	Jun 23	305.00	30.29	13.09	2011
2012	13.70	12.40	13.30	39.50	120.00	241.00	212.00	67.20	25.50	26.90	38.90	22.20	69.51	Jun 24	354.00	21.04	11.60	2012
2013	17.20	14.30	17.80	35.30	146.00	197.00	133.00	47.90	36.20	31.10	20.20	14.00	59.39	Jun 20	287.00	34.23	12.64	2013
2014	13.20	12.30	12.80	26.80	136.00	213.00	152.00	53.10	29.40	29.00	45.80	25.90	62.68	Jun 26	255.00	24.53	10.99	2014
2015	18.00	24.80	35.40	53.50	122.00	166.00	68.10	34.90	44.30	30.90	26.40	19.90	53.71	Jun 09	256.00	27.47	16.04	2015
2016	14.90	15.10	19.80	86.20	165.00	146.00	89.50	41.80	29.20	38.60	48.30	24.90	60.00	Jun 08	234.00	26.16	14.07	2016
2017	18.20	14.60	18.10	37.40	145.00	238.00	120.00	41.90	24.20	18.70	19.70	18.30	59.65	Jun 01	355.00	17.46	13.53	2017
Avg.	15.40	14.31	16.57	38.88	120.26	188.23	128.88	55.74	34.82	29.10	27.79	18.80	57.41	58.74	277.33	27.52	12.03	m^3/s
S. D.	4.05	4.32	5.26	13.99	25.69	32.22	39.93	16.22	8.72	9.76	9.33	5.26	6.60		59.01	6.31	2.18	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	15.19	13.94	15.90	37.55	116.13	183.50	125.65	56.47	35.69	29.10	26.75	18.41	56.10	m^3/s				
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	25	21	26	60	191	291	206	93	57	48	42	30	1085	mm	10-Year	363.9	21.135	9.226	m^3/s









HUMPHRIES CREEK NEAR TROUT LAKE 08NH138

Station Longitude Latitude: -117.54687 50.63502

Monthly and Annual Discharge in m^3/s | Drainage Area = 7.57 km^2 | Median Elevation = 1703 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
1981																		1981
1982																		1982
1983																		1983
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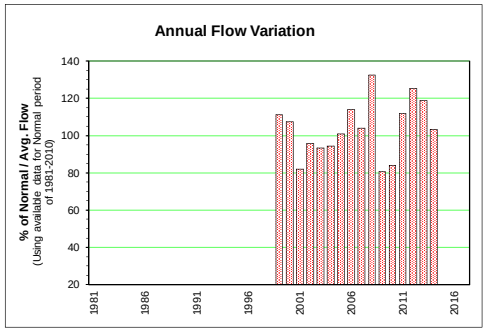
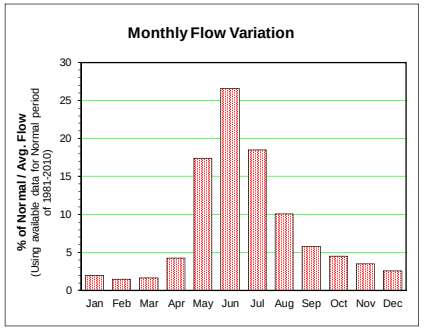
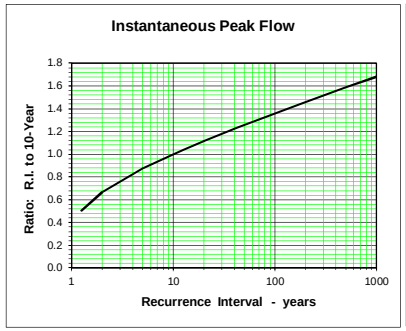
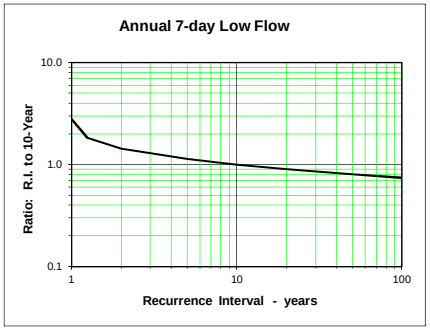
1997																		1997
1998				0.144	0.769	0.613	0.451	0.279	0.158	0.091	0.077	0.064		Jun 24	1.72			1998
1999	0.046	0.043	0.050	0.121	0.465	1.200	0.861	0.691	0.251	0.143	0.135	0.129	0.346	Jun 18	3.46	0.203	0.041	1999
2000	0.088	0.073	0.069	0.199	0.578	0.946	0.970	0.396	0.260	0.177	0.131	0.110	0.334	Jul 02	2.06	0.207	0.065	2000
2001	0.097	0.086	0.083	0.134	0.512	0.726	0.586	0.355	0.161	0.107	0.119	0.085	0.255	May 28	1.26	0.128	0.076	2001
2002	0.072	0.058	0.053	0.099	0.542	1.320	0.728	0.271	0.198	0.097	0.083	0.050	0.298	Jun 29	2.95	0.150	0.045	2002
2003	0.046	0.041	0.061	0.167	0.485	1.070	0.536	0.307	0.170	0.316	0.183	0.090	0.290	Jun 19	2.02	0.111	0.038	2003
2004	0.065	0.059	0.061	0.284	0.632	0.792	0.541	0.322	0.289	0.205	0.154	0.112	0.293	Jun 24	2.20	0.206	0.045	2004
2005	0.082	0.082	0.073	0.317	0.722	0.772	0.632	0.297	0.188	0.241	0.186	0.151	0.313	May 15	1.22	0.123	0.054	2005
2006	0.127	0.054	0.051	0.221	0.909	1.130	0.679	0.390	0.324	0.152	0.138	0.066	0.355	May 20	2.61	0.256	0.034	2006
2007	0.054	0.050	0.058	0.119	0.846	1.410	0.630	0.283	0.134	0.118	0.093	0.078	0.324	Jun 05	2.43	0.106	0.045	2007
2008	0.062	0.050	0.050	0.030	0.933	1.410	0.952	0.559	0.287	0.232	0.230	0.131	0.412	May 20	2.77	0.204	0.024	2008
2009	0.068	0.040	0.047	0.107	0.389	0.870	0.653	0.343	0.219	0.113	0.090	0.061	0.251	Jun 16	1.20	0.140	0.037	2009
2010	0.050	0.056	0.063	0.162	0.525	0.831	0.577	0.297	0.196	0.161	0.119	0.088	0.261	May 19	1.31	0.138	0.034	2010
2011	0.055	0.040	0.041	0.057	0.483	1.400	1.030	0.530	0.229	0.145	0.093	0.060	0.348	Jun 07	1.95	0.189	0.034	2011
2012	0.052	0.049	0.050	0.138	0.622	1.490	1.320	0.402	0.140	0.131	0.166	0.108	0.390	Jun 24	2.30	0.123	0.048	2012
2013	0.067	0.061	0.074	0.114	0.819	1.370	0.946	0.398	0.257	0.145	0.099	0.061	0.369	Jun 29	2.18	0.187	0.056	2013
2014	0.057	0.048	0.049	0.085	0.608	1.040	0.862	0.362	0.168	0.157	0.253	0.149	0.321	Jul 03	1.47	0.131	0.046	2014
2015																		2015
2016																		2016
2017																		2017
Avg.	0.068	0.056	0.058	0.147	0.638	1.082	0.762	0.381	0.213	0.161	0.138	0.094	0.323	0.322		2.07	0.163	0.045	m^3/s
S. D.	0.022	0.014	0.012	0.075	0.166	0.284	0.228	0.114	0.057	0.059	0.052	0.033	0.047			0.66	0.044	0.013	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.071	0.058	0.060	0.162	0.639	1.007	0.677	0.368	0.218	0.166	0.134	0.093	0.311	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	25	19	21	55	226	345	239	130	75	59	46	33	1296	mm	10-Year	3.0	0.112	0.030	m^3/s







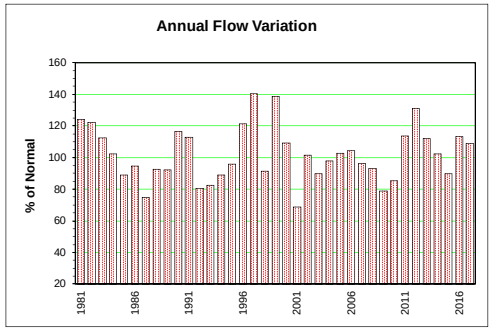


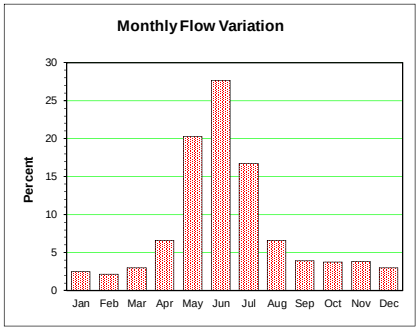
SLOCAN RIVER NEAR CRESCENT VALLEY 08NJ013

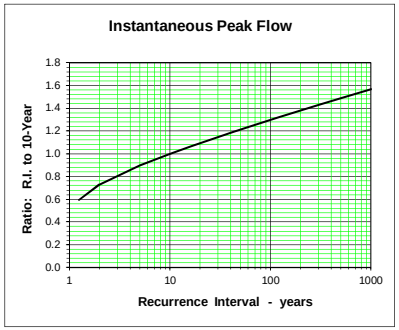
Station Longitude Latitude: -117.56509 49.45999

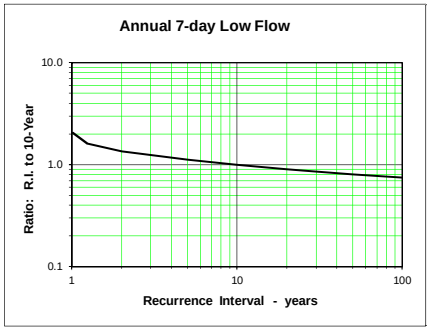
Monthly and Annual Discharge in m^3/s | Drainage Area = 3329.22 km^2 | Median Elevation = 1616 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	40.30	36.20	42.20	64.70	257.00	305.00	281.00	115.00	54.60	56.20	56.80	40.90	113.03	May 26	496.00	47.69	30.46	1981
1982	29.80	31.70	34.80	47.30	195.00	426.00	262.00	104.00	66.20	56.60	44.10	32.10	111.07	Jun 16	541.00	58.31	24.79	1982
1983	29.20	32.10	54.20	76.90	221.00	321.00	207.00	93.60	58.70	36.10	61.20	35.10	102.45	May 30	512.00	47.03	26.53	1983
1984	31.20	27.50	34.10	67.90	124.00	358.00	255.00	82.00	48.80	36.70	30.80	22.50	93.20	Jun 29	664.00	43.41	20.86	1984
1985	18.80	16.20	16.60	62.70	239.00	285.00	105.00	45.10	51.90	48.40	53.30	29.30	81.12	May 25	489.00	33.47	15.49	1985
1986	22.90	21.60	39.10	74.20	192.00	339.00	151.00	62.20	35.90	36.70	34.00	25.30	86.31	May 31	602.00	31.31	20.00	1986
1987	20.40	18.00	36.90	68.10	260.00	186.00	94.50	45.80	26.50	19.20	17.90	20.40	68.14	May 12	403.00	23.09	17.03	1987
1988	16.50	16.50	20.60	94.20	234.00	278.00	138.00	51.60	31.10	50.10	49.00	31.70	84.33	May 13	386.00	27.19	15.40	1988
1989	25.60	20.40	22.40	70.20	212.00	280.00	130.00	63.60	51.90	35.20	52.60	42.10	84.03	Jun 16	380.00	38.63	17.87	1989
1990	30.40	25.20	27.60	113.00	204.00	358.00	248.00	81.00	40.50	33.00	59.20	48.50	105.96	Jun 25	460.00	30.91	23.00	1990
1991	31.90	35.60	32.30	78.50	227.00	330.00	277.00	102.00	45.60	25.30	22.30	20.80	102.72	Jul 04	422.00	33.69	19.06	1991
1992	18.80	27.60	39.20	87.10	232.00	215.00	98.90	43.50	29.10	35.00	31.60	18.80	73.11	May 08	342.00	25.27	16.47	1992
1993	16.90	16.90	20.40	49.60	273.00	206.00	128.00	67.90	39.30	30.50	25.00	23.90	75.20	May 21	439.00	33.94	15.33	1993
1994	22.40	19.80	29.10	117.00	249.00	252.00	139.00	51.10	29.30	21.80	20.10	18.40	80.99	May 13	343.00	24.23	17.90	1994
1995	18.70	21.40	36.30	50.30	187.00	301.00	127.00	73.00	41.30	50.80	63.40	75.10	87.35	Jun 06	415.00	32.49	17.69	1995
1996	41.90	32.00	37.40	103.00	175.00	374.00	280.00	105.00	54.30	45.90	42.00	33.50	110.40	Jun 09	511.00	46.91	28.50	1996
1997	30.10	25.30	39.90	76.30	282.00	446.00	275.00	96.10	71.50	89.00	58.50	37.90	127.75	Jun 05	609.00	53.99	24.13	1997
1998	30.90	28.80	39.50	75.50	311.00	214.00	121.00	52.70	27.80	27.30	30.50	32.80	83.05	May 10	381.00	24.39	23.46	1998
1999	28.40	25.70	37.70	77.30	199.00	405.00	305.00	164.00	66.00	43.60	95.40	62.80	126.26	Jun 18	573.00	48.19	23.79	1999
2000	37.10	29.20	35.60	98.90	218.00	328.00	229.00	84.00	43.90	38.20	27.60	20.40	99.26	Jun 15	382.00	41.04	18.97	2000
2001	17.90	15.60	17.30	32.90	168.00	208.00	117.00	50.90	30.40	24.70	35.30	30.40	62.47	May 28	372.00	26.43	14.60	2001
2002	29.30	25.10	25.00	58.90	171.00	401.00	234.00	62.10	33.80	23.70	21.00	23.30	92.50	Jun 29	523.00	28.47	19.01	2002
2003	21.40	20.30	34.50	70.30	171.00	334.00	133.00	45.10	27.10	46.50	46.40	28.30	81.58	Jun 09	429.00	25.13	18.54	2003
2004	21.20	20.20	28.30	102.00	214.00	263.00	141.00	56.10	80.00	57.80	43.80	39.60	88.93	Jun 27	349.00	45.79	19.19	2004
2005	43.00	51.50	45.80	82.30	243.00	257.00	159.00	54.90	33.70	64.00	53.70	32.70	93.58	May 16	386.00	29.96	26.74	2005
2006	36.40	29.20	28.40	75.90	314.00	353.00	141.00	46.00	27.40	22.00	35.30	28.00	94.95	May 20	602.00	25.04	20.54	2006
2007	22.20	19.60	51.90	88.30	241.00	320.00	143.00	46.20	25.30	31.70	30.90	26.40	87.45	Jun 06	503.00	22.89	19.17	2007
2008	20.20	18.50	20.40	30.20	215.00	302.00	169.00	68.80	48.60	42.30	49.50	29.90	84.64	May 21	439.00	37.36	16.64	2008
2009	25.80	20.50	20.30	45.00	150.00	290.00	139.00	52.60	31.60	28.90	31.80	23.80	71.72	Jun 06	380.00	27.84	18.51	2009
2010	22.50	20.80	25.80	58.70	152.00	282.00	152.00	60.50	44.00	42.90	41.30	28.40	77.72	Jun 03	345.00	33.89	20.39	2010
2011	25.60	23.30	24.60	41.60	180.00	400.00	309.00	112.00	41.20	32.40	25.30	21.00	103.39	Jun 30	510.00	34.30	19.30	2011
2012	18.80	18.20	23.20	81.90	236.00	449.00	341.00	89.40	37.10	31.40	58.30	47.50	119.46	Jun 23	692.00	29.64	17.21	2012
2013	29.10	23.80	34.20	80.50	291.00	346.00	204.00	60.70	41.90	49.40	34.30	25.40	102.07	May 22	503.00	35.11	22.81	2013
2014	22.30	18.30	25.00	53.30	239.00	319.00	175.00	58.50	34.90	38.00	69.50	61.80	93.21	May 24	401.00	29.57	17.50	2014
2015	39.90	71.10	74.40	96.80	201.00	250.00	81.60	36.80	36.30	29.00	34.10	33.10	81.85	Jun 03	418.00	28.81	25.61	2015
2016	24.90	31.30	47.10	167.00	286.00	238.00	129.00	56.20	34.60	69.80	99.60	51.70	102.98	May 08	365.00	33.39	23.64	2016
2017	31.50	27.00	49.10	88.90	287.00	395.00	158.00	50.60	26.70	22.00	25.50	26.50	99.19	Jun 01	663.00	21.93	19.93	2017
Avg.	26.87	26.00	33.82	75.87	223.0	313.9	183.16	70.02	41.86	39.79	43.54	33.25	92.80	89.53		465.68	34.07	20.43	m^3/s
S. D.	7.39	10.48	11.96	26.07	46.26	69.43	71.05	26.88	13.74	15.06	19.03	13.13	15.55			99.27	9.30	3.92	m^3/s
Normal	26.74	24.97	32.45	73.24	217.67	307.23	179.31	70.88	43.20	40.00	42.14	32.10	91.04	m^3/s					
Normal	22	18	26	57	175	239	144	57	34	32	33	26	863	mm	10-Year	609.57	24.10	13.78	m^3/s









SMOKY CREEK ABOVE DIVERSIONS 08NJ162

Station Longitude Latitude: -117.51845 49.46588

Monthly and Annual Discharge in m^3/s | Drainage Area = 4.24 km^2 | Median Elevation = 1108 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
1981				0.140	0.121	0.100	0.081	0.020	0.008	0.009	0.017	0.033						1981
1982	0.018	0.044	0.070	0.177	0.357	0.058	0.066	0.022	0.012	0.010	0.010	0.014	0.072			0.0096	0.0084	1982
1983	0.031	0.071	0.142	0.192	0.163	0.042	0.031	0.021	0.009	0.005	0.055	0.035	0.066			0.0061	0.0040	1983
1984	0.035	0.030	0.071	0.154	0.133	0.075	0.024	0.005	0.002	0.003	0.005	0.003	0.045			0.0017	0.0017	1984
1985	0.002	0.002	0.005	0.197	0.141	0.033	0.006	0.002	0.003	0.004	0.015	0.011	0.035			0.0011	0.0011	1985
1986	0.009	0.013	0.129	0.148	0.095	0.030	0.029	0.008	0.004	0.003	0.008	0.011	0.041			0.0027	0.0027	1986
1987	0.011	0.012	0.143	0.152	0.061	0.015	0.009	0.003	0.002	0.001	0.003	0.007	0.035			0.0010	0.0010	1987
1988	0.004	0.005	0.028	0.183	0.073	0.034	0.014	0.003	0.003	0.004	0.013	0.019	0.032			0.0013	0.0013	1988
1989	0.022	0.015	0.031	0.230	0.144	0.036	0.013	0.005	0.003	0.002	0.007	0.013	0.043			0.0020	0.0020	1989
1990	0.021	0.019	0.037	0.246	0.098	0.158	0.025	0.008	0.004	0.004	0.036	0.047	0.058			0.0021	0.0020	1990
1991	0.027	0.075	0.065	0.207	0.149	0.052	0.018	0.008	0.003	0.002	0.005	0.004	0.051			0.0020	0.0013	1991
1992	0.007	0.040	0.130	0.129	0.063	0.015	0.008	0.002	0.002	0.002	0.003	0.002	0.034			0.0010	0.0010	1992
1993	0.002	0.002	0.011															1993
1994																		1994
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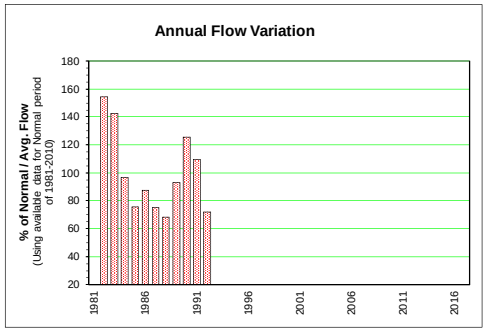
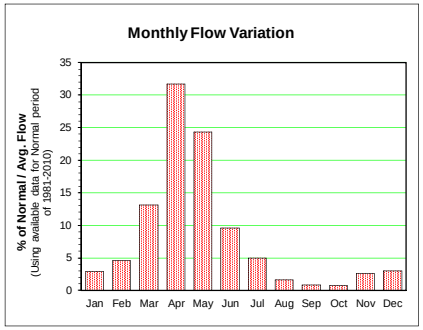
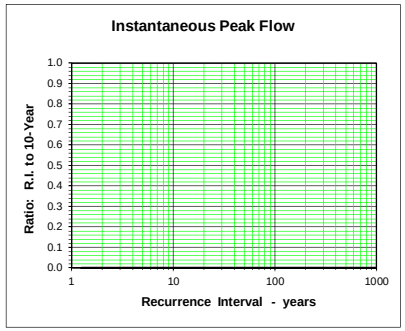
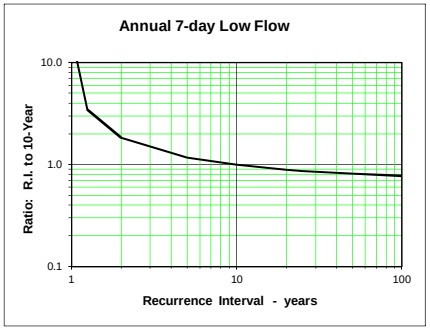
Avg.	0.016	0.027	0.072	0.180	0.133	0.054	0.027	0.009	0.005	0.004	0.015	0.017	0.047	0.046		#DIV/0!	0.0028	0.0024	m^3/s
S. D.	0.012	0.025	0.052	0.037	0.079	0.041	0.023	0.008	0.003	0.003	0.016	0.014	0.014			#DIV/0!	0.0027	0.0022	m^3/s
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	0.016	0.027	0.072	0.180	0.133	0.054	0.027	0.009	0.005	0.004	0.015	0.017	0.047	m^3/s					
Normal/Avg. Flow (Using available data for Normal period, 1981-2010)	10	16	45	110	84	33	17	6	3	3	9	10	347	mm	10-Year	0.0	0.001	0.001	m^3/s







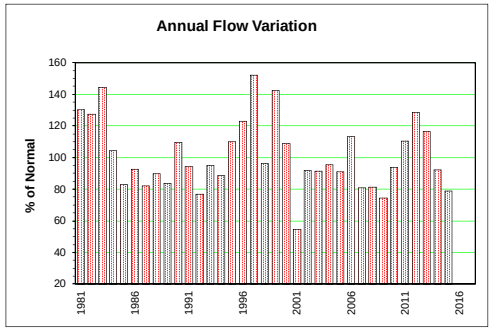


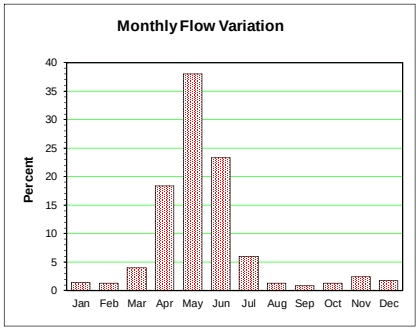
BURRELL CREEK ABOVE GLOUCESTER CREEK 08NN023

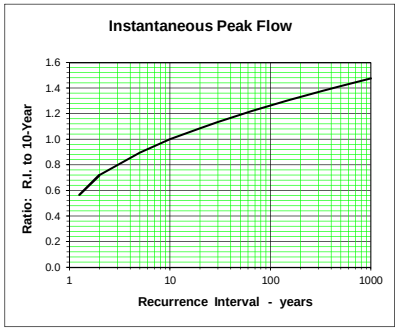
Station Longitude Latitude: -118.31202 49.58910

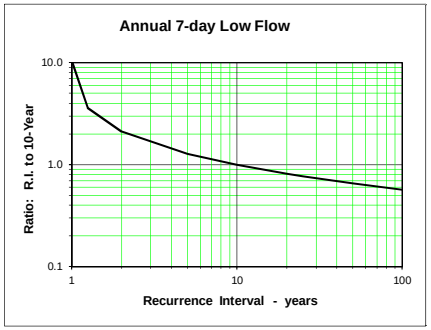
Monthly and Annual Discharge in m^3/s | Drainage Area = 221.79 km^2 | Median Elevation = 1443 m | Instantaneous Peak Flow | 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Avg Yr (MAD)	Date	Annual	Jun-Sep	Annual	Year
1981	1.58	1.95	2.81	6.46	20.80	13.70	6.08	1.99	0.81	3.30	4.31	2.24	5.52		May 25	47.80	0.57	0.57	1981
1982	0.99	1.61	1.84	4.79	23.10	18.90	7.52	2.01	0.91	1.18	1.06	0.73	5.41		May 18	50.80	0.73	0.60	1982
1983	0.78	1.27	5.53	11.10	26.70	16.20	4.69	1.20	0.71	0.49	3.25	1.31	6.12		May 29	58.88	0.55	0.37	1983
1984	1.20	0.73	2.19	7.78	14.80	19.60	4.46	0.59	0.50	0.45	0.47	0.36	4.42		May 30	50.70	0.31	0.31	1984
1985	0.32	0.27	0.34	7.45	19.50	8.27	0.68	0.19	0.59	1.09	2.27	1.00	3.51		May 19	42.90	0.11	0.11	1985
1986	0.66	0.56	3.27	9.86	18.10	8.29	3.18	0.73	0.36	0.70	0.74	0.52	3.93		May 28	48.40	0.23	0.23	1986
1987	0.43	0.38	3.92	10.60	20.20	3.76	1.32	0.43	0.14	0.08	0.12	0.24	3.49		May 01	67.38	0.11	0.07	1987
1988	0.14	0.14	0.60	14.40	16.20	8.91	1.60	0.31	0.20	0.72	1.59	0.92	3.80		May 13	50.50	0.10	0.10	1988
1989	0.80	0.62	0.82	9.97	15.90	8.51	1.21	0.37	0.39	0.65	2.09	1.30	3.56		May 10	35.70	0.26	0.23	1989
1990	0.88	0.78	1.51	14.50	16.00	16.20	2.38	0.33	0.15	0.15	1.78	1.21	4.65		May 29	37.00	0.08	0.07	1990
1991	0.81	1.80	1.43	9.46	18.80	11.90	2.68	0.45	0.19	0.10	0.16	0.13	3.99		May 20	34.50	0.12	0.08	1991
1992	0.15	0.56	4.00	11.20	14.10	3.84	3.05	0.81	0.31	0.29	0.42	0.33	3.26		May 06	35.80	0.26	0.11	1992
1993	0.31	0.29	0.85	8.48	23.10	6.39	5.31	1.61	0.49	0.47	0.40	0.36	4.04		May 13	54.10	0.36	0.27	1993
1994	0.31	0.28	1.39	14.80	16.60	8.92	1.60	0.34	0.22	0.18	0.22	0.29	3.77		Apr 20	38.20	0.14	0.12	1994
1995	0.33	0.84	2.99	7.10	22.50	12.10	1.19	0.63	0.26	0.86	3.01	4.00	4.67		May 15	37.30	0.18	0.18	1995
1996	1.46	1.06	2.08	12.90	18.70	17.80	4.67	0.62	0.67	0.74	0.98	0.95	5.21		Jun 07	37.30	0.24	0.24	1996
1997	0.88	0.64	1.65	8.10	27.20	22.50	8.43	1.00	0.83	2.68	2.43	0.85	6.46		Jun 05	64.00	0.36	0.36	1997
1998	0.65	0.76	3.07	10.10	23.00	6.32	2.39	0.45	0.10	0.21	0.62	0.99	4.08		May 04	46.74	0.07	0.06	1998
1999	0.75	0.73	2.98	10.30	17.70	22.70	8.14	1.69	0.59	0.45	3.90	2.44	6.04		Jun 19	47.40	0.35	0.28	1999
2000	1.22	0.83	1.13	12.00	19.00	16.40	3.65	0.41	0.26	0.25	0.25	0.16	4.62		May 22	36.10	0.20	0.14	2000
2001	0.13	0.11	0.27	3.51	12.80	6.88	1.37	0.40	0.14	0.19	1.03	0.87	2.32		May 24	28.50	0.10	0.10	2001
2002	1.71	1.03	1.00	8.58	16.60	14.70	1.93	0.32	0.15	0.10	0.18	0.39	3.89		May 28	36.30	0.12	0.08	2002
2003	0.43	0.53	2.43	9.99	16.90	13.40	1.17	0.17	0.07	0.38	0.52	0.41	3.87		May 25	58.30	0.05	0.05	2003
2004	0.32	0.35	1.89	12.70	15.70	9.22	1.46	0.45	1.98	1.44	1.64	1.47	4.05		May 05	28.80	0.27	0.27	2004
2005	2.21	2.08	2.91	9.83	17.50	7.59	2.21	0.35	0.17	0.41	0.50	0.42	3.86		May 16	52.10	0.13	0.13	2005
2006	0.49	0.46	0.65	10.40	26.80	16.00	1.73	0.24	0.12	0.12	0.28	0.23	4.81		May 20	73.20	0.10	0.10	2006
2007	0.23	0.26	3.64	9.86	16.90	7.24	1.00	0.17	0.11	0.39	0.46	0.68	3.43		May 17	28.70	0.09	0.09	2007
2008	0.48	0.42	0.57	2.88	22.50	10.10	1.52	0.35	0.23	0.33	1.37	0.50	3.45		May 20	68.20	0.20	0.19	2008
2009	0.34	0.22	0.30	4.58	17.60	11.40	1.64	0.41	0.18	0.26	0.42	0.35	3.15		May 30	35.40	0.13	0.13	2009
2010	0.39	0.49	1.79	10.50	14.80	14.50	1.82	0.37	0.36	0.41	1.55	0.79	3.98		May 19	40.00	0.24	0.24	2010
2011	0.60	0.65	0.56	2.81	23.90	20.90	5.16	0.67	0.15	0.19	0.20	0.23	4.69		Jun 08	46.80	0.12	0.12	2011
2012	0.19	0.19	0.25	10.30	20.50	21.90	7.70	0.75	0.20	0.21	1.42	1.93	5.46		Apr 26	57.70	0.15	0.13	2012
2013	0.95	0.49	1.07	10.90	25.60	14.40	2.67	0.40	0.45	1.03	0.64	0.49	4.94		May 22	58.40	0.25	0.25	2013
2014	0.46	0.40	0.89	6.47	21.10	8.64	1.51	0.33	0.24	0.66	2.50	3.46	3.91		May 17	58.20	0.16	0.16	2014
2015	1.65	6.40	6.93	7.41	10.60	5.14	0.54	0.16	0.16	0.13	0.65	0.73	3.35		Jun 03	22.80	0.10	0.10	2015
2016																			2016
2017																			2017
Avg.	0.72	0.86	1.99	9.20	19.2	12.4	3.08	0.62	0.38	0.61	1.24	0.95	4.28	4.28		46.14	0.22	0.19	m^3/s
S. D.	0.51	1.09	1.54	3.09	4.10	5.49	2.27	0.50	0.36	0.69	1.12	0.90	0.93			12.57	0.15	0.13	m^3/s
Normal	0.71	0.73	1.99	9.47	19.00	12.07	3.00	0.65	0.41	0.64	1.27	0.88	4.25	m^3/s					
Normal	9	8	24	111	229	141	36	8	5	8	15	11	604	mm	10-Year	63.46	0.08	0.07	m^3/s









OVERSIZED FIGURES

Figure 1: Streamflow in the Kootenay/Boundary Region

Figure 2: Hydrologic Zones

Hydrologic Zones	
Zone Number	**Name**
13	UPPER FRASER BASIN
14	NORTHERN COLUMBIA MOUNTAINS
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

Omineca Natural Resource Region

Kootenay-Boundary Natural Resource Region

Cariboo Natural Resource Region

Thompson-Okanagan Natural Resource Region

13 14 15 16 17 18 19 20 21 22 23 24

Alberta

Washington IDAHO MONTANA

08NB014 08ND012 Stitt 08ND018 Gold-Bachelor 08NB013 Goldstream Gold-Palmer 08NB019 08NB005 Beaver

Blaeberry-Ensign 08NB015 Blaeberry-Willowbank 08NB016 Split 08NB012 Kicking Horse

08NA006 08NA002 Carbonate 08NA037 Illecillewaet Incomappleux 08ND013

Kootenay-Crossing 08NF001 Columbia-Donald Columbia-Nicholson Duncan-BB

Albert 08NF005 Kootenay-Canal Flats Palliser 08NF006 Elk-Weary 08NK027 Kootenay-Skookumchuck

08NE001 08NE008 Beaton 08NH119 08NH138 Humphries Lardeau

Kootenay-Ft Steele 08NA045 Elk-Natal 08NK021 Columbia-Fairmont 08NF002

Kuskanax-1040 08NE117 Kuskanax-Nakusp 08NE006 08NH007 08NH131 Carney 08NH130 Fry

Fording Line 08NK022 08NK018 08NK016 Grave 019 Elk-Fernie 08NG053 08NK020

08NJ164 Cadden Kaslo 08NH132 08NH005 Keen St. Mary-Wycliffe Mather Bull

St. Mary-Morris St. Mary-Marysville Mark Matthew 08NG085 08NG076 08NG077 08NG086 08NG012 08NG065 Hosmer 08NK026 Michel

Slocan 08NJ160 Lemon Redfish Duhamel 08NJ026 08NJ061 08NG046 08NK002 08NG002 Elk-Phillips

Burrell 08NN023 Mcfayden 08NJ126 08NJ129 08NJ130 Anderson-Nelson 08NJ168 Fell Five Mile 08NJ013 08NJ162 Smoky Deer 08NE087 08NH120 Moyie-Negro Moyie-Eastport

Flathead Howell 08NP004 Cabin 08NP003 08NK005 08NG078 Caven 08NP002 Couldrey 08NP001 Goat Duck Arrow 08NH016 08NH084 Sullivan 08NH115 08NH004 08NE114 Hidden Salmo 08NH006 Yaak

Big Sheep 08NE039 08NE074 08NH032 Boundary-Porthill 12304500

Natural Resource Region Boundary
Hydrologic Zone Boundary
Watershed Boundary
WSC Hydrometric Station

Figure 1: Streamflow in the Kootenay/Boundary Region

N

0 10 20 30 40 50 km

Created by: GeoBC File Path: Q:\projects\Menv\Streamflow Inventory\arcgisprojects\Streamflow_in_Kootenay_Region_36x30.mxd

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	HAIDA GWAII
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

Alaska

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

Prince Rupert

Masset

Smithers

Prince George

Williams Lake

Kamloops

Revelstoke

Kelowna

Nelson

Cranbrook

Campbell River

Nanaimo

Vancouver

Victoria

Edmonton

Red Deer

Calgary

Lethbridge

Medicine Hat

Legend

Hydrologic Zone Boundary

Old MOE Regional Boundary

Natural Resource Regions:

Figure 2: Hydrologic Zones

N

0 100 200 300 400 km