

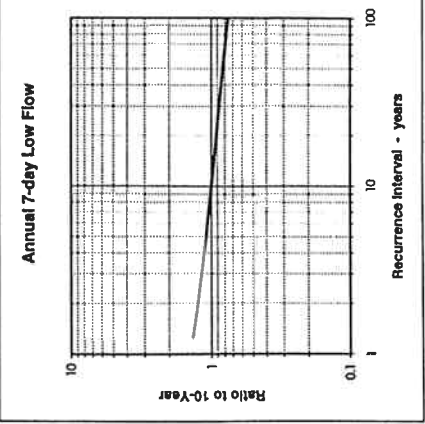
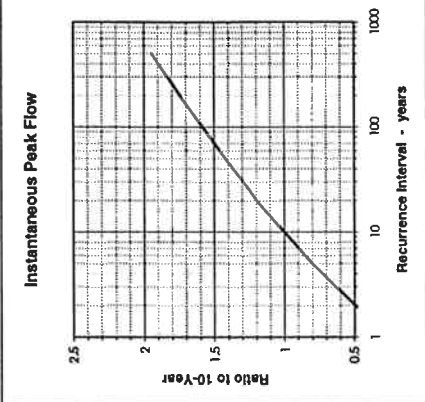
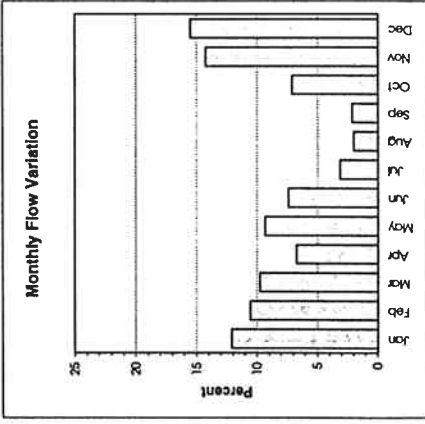
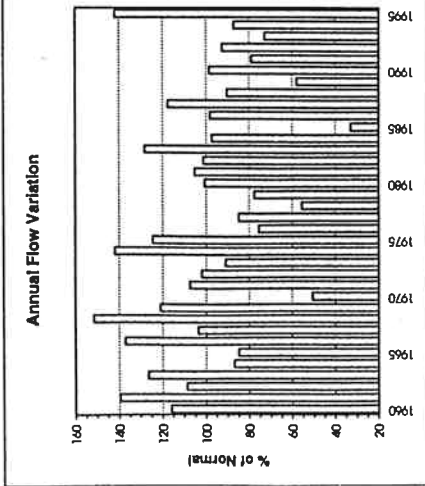
Zone 17

ASH RIVER BELOW MORAN CREEK 8HB023

Year	Monthly and Annual Discharge in m ³ /s												7-Day Low Flow	Annual	Year	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
1960	7.3	34.2	11.9	33.4	35.7	21.5	9.3	3.5	3.4	10.3	29.2	31.9	320	3.15	3.10	1960
1961	73.7	53.8	29.3	21.6	28.9	23.7	8.7	3.5	3.9	7.8	11.9	12.3	620	3.37	3.37	1961
1962	25.6	20.5	6.3	7.0	6.6	6.6	3.5	4.4	4.3	17.5	47.9	18.0	388	3.23	3.13	1962
1963	17.5	57.7	19.1	13.5	13.7	3.6	4.0	3.6	3.5	26.1	44.4	47.6	586	3.21	3.20	1963
1964	25.9	11.7	11.0	7.4	17.6	29.0	12.9	3.6	4.1	5.4	10.4	33.6	152	3.28	3.28	1964
1965	8.1	14.3	8.0	8.5	10.9	4.7	3.8	3.6	3.6	26.6	36.5	39.8	184	3.39	3.39	1965
1966	28.8	17.6	24.1	22.7	19.5	17.3	7.4	3.6	4.1	8.9	35.0	82.7	278	3.31	3.31	1966
1967	26.8	18.3	13.9	4.6	17.0	24.0	4.0	3.7	3.9	38.8	20.9	29.8	172	3.20	3.20	1967
1968	85.5	27.5	32.0	6.0	17.8	7.0	3.9	4.2	4.4	45.2	40.5	25.7	487	3.44	3.37	1968
1969	5.6	15.5	17.1	24.3	58.4	40.0	4.3	3.9	7.7	7.0	28.5	28.3	104	3.28	3.28	1969
1970	9.1	11.2	11.1	14.4	8.3	6.6	3.7	3.8	5.1	7.1	9.5	12.5	70	3.37	3.12	1970
1971	14.3	22.1	15.0	14.9	38.3	27.9	12.6	5.8	3.1	8.0	44.8	5.8	405	3.78	3.72	1971
1972	7.4	14.4	40.2	20.6	30.5	24.8	11.7	3.7	5.1	3.7	10.8	29.4	225	3.49	3.49	1972
1973	39.4	11.9	10.8	3.6	25.7	11.0	4.1	3.6	3.9	8.6	12.8	44.3	183	3.52	3.06	1973
1974	37.5	19.4	39.7	29.1	28.3	41.1	20.8	5.4	4.4	4.3	16.6	35.0	326	3.95	3.95	1974
1975	7.9	6.2	13.6	8.9	9.1	20.2	4.3	5.5	4.0	32.1	106.0	30.0	580	3.60	3.58	1975
1976	16.2	15.5	14.0	11.7	21.8	20.8	12.7	4.2	4.0	5.2	8.4	15.8	101	3.65	3.11	1976
1977	6.8	25.9	16.3	15.0	7.0	8.6	4.0	3.8	4.0	12.4	35.1	31.2	138	3.31	3.31	1977
1978	15.2	19.4	22.3	8.6	5.2	4.5	3.9	3.6	6.9	8.8	7.0	47.4	219	3.39	3.39	1978
1979	3.6	16.3	14.9	6.3	16.8	4.4	3.8	3.6	7.7	19.7	9.5	47.4	358	3.20	2.33	1979
1980	14.9	26.4	16.7	19.8	6.9	4.6	4.0	3.7	4.2	3.9	30.4	65.0	16.7	3.43	2.76	1980
1981	29.8	31.2	6.1	13.1	8.3	4.4	4.3	3.8	5.9	19.4	57.3	27.3	278	3.38	3.38	1981
1982	9.0	21.5	12.2	9.3	20.3	30.3	6.8	3.6	3.7	35.5	14.9	34.3	210	3.27	3.27	1982
1983	52.6	62.2	32.8	10.0	13.6	8.9	7.0	3.9	3.8	5.4	51.5	7.0	285	3.45	3.45	1983
1984	23.5	30.5	23.1	15.0	16.7	11.0	4.4	3.6	3.9	24.7	25.9	11.5	129	3.24	3.05	1984
1985	5.1	6.6	6.6	8.0	5.4	3.9	3.8	3.6	3.5	8.2	4.7	6.0	41	3.23	2.64	1985
1986	33.9	24.6	36.0	5.1	21.6	7.2	3.3	3.4	3.2	3.7	12.5	40.2	230	2.89	2.89	1986
1987	43.5	42.4	42.6	13.7	22.7	17.6	4.2	3.2	2.8	2.9	11.2	28.1	294	2.66	2.66	1987
1988	14.6	14.2	15.4	27.8	29.1	15.3	3.8	3.2	3.2	3.6	34.1	15.8	118	2.87	2.87	1988
1989	9.4	6.8	10.4	22.8	12.2	5.1	3.2	3.1	3.0	8.3	9.4	21.2	156	2.52	2.52	1989
1990	16.6	12.0	11.1	13.4	4.9	13.0	3.4	3.6	3.6	11.3	72.2	31.4	277	2.73	2.73	1990
1991	11.6	58.6	4.9	6.6	3.7	3.6	3.5	7.8	4.0	3.4	16.0	36.8	243	3.40	2.98	1991
1992	67.8	48.0	10.3	6.7	5.9	3.9	3.8	3.9	3.6	9.3	15.7	8.0	142	3.23	3.13	1992
1993	10.7	24.2	27.7	27.6	27.6	9.3	3.4	3.6	3.5	3.5	4.7	18.6	322	3.17	3.09	1993
1994	25.7	16.5	38.2	17.4	5.7	4.1	3.7	3.7	3.8	5.8	13.3	34.9	322	3.26	3.00	1994
1995	41.0	40.1	28.5	11.3	18.8	8.5	4.1	4.3	3.7	8.3	63.3	51.3	391	3.22	3.22	1995
Norma	23.6	22.6	19.1	13.6	18.2	14.9	6.1	3.9	4.3	13.9	28.7	30.3	Average	3.28	3.12	m ³ s
	167	146	135	93	129	102	43	28	30	98	197	215	10-Year	2.89	2.56	m ³ s

Median Elevation = 134 m

Drainage Area = 378 km²

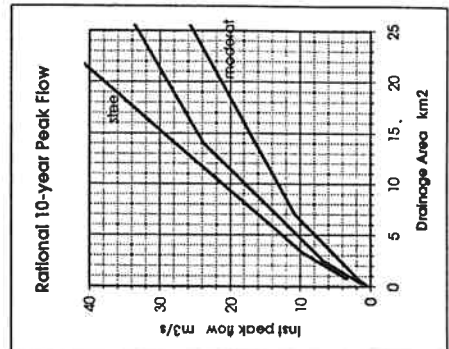
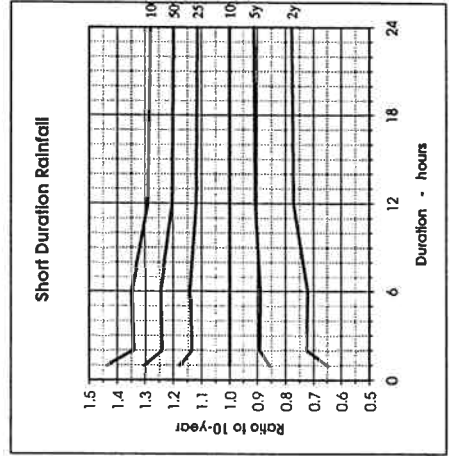
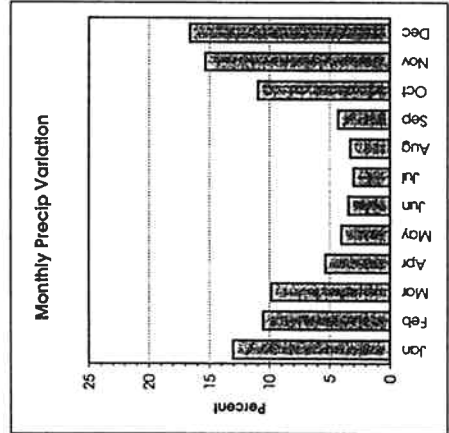
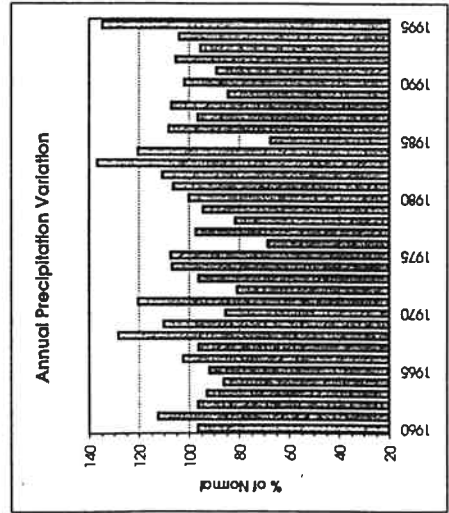


Campbell River A 1021261

location: 49-57, 125-16, 106 m

Monthly and Annual Precipitation in mm

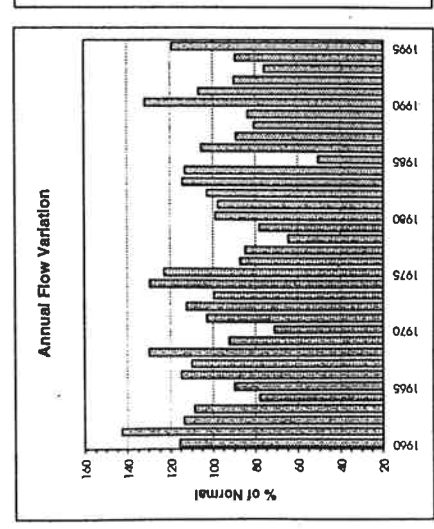
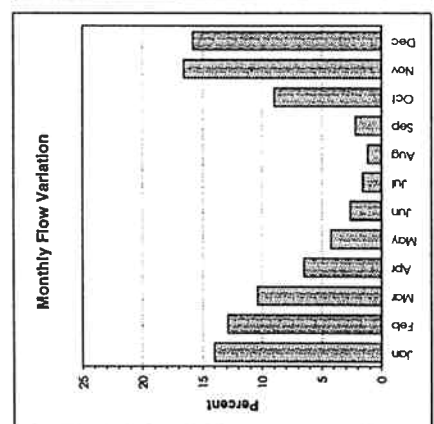
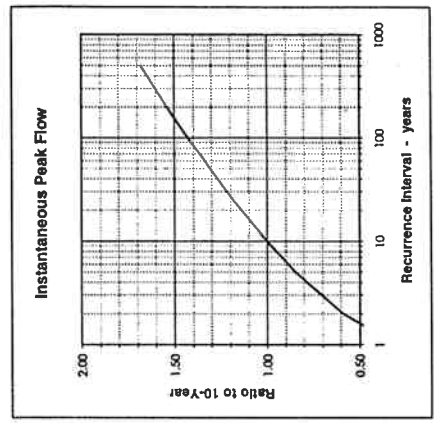
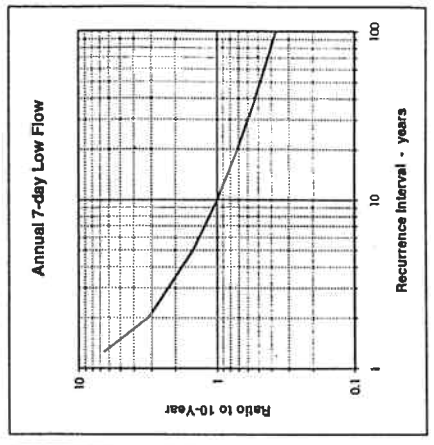
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Maximum Daily Precip	Short Duration Rainfall	Year	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
1960	244	164	75	104	107	14	9	89	47	188	189	120	1349	50	55	1960	
1961	232	285	194	112	55	20	46	29	53	149	173	223	1571	36	58	1961	
1962	122	58	107	64	25	69	25	126	41	163	301	247	1349	46	74	1962	
1963	113	178	143	88	50	50	75	37	36	216	170	241	1297	49	58	1963	
1964	263	116	124	42	37	43	108	39	79	56	129	169	1204	38	74	1964	
1965	141	129	43	70	37	4	19	80	10	218	243	292	1285	42	53	1965	
1966	252	70	196	12	27	55	40	28	38	120	282	313	1432	50	66	1966	
1967	200	90	207	77	24	10	21	12	69	257	98	277	1343	61	60	1967	
1968	325	125	173	34	87	51	44	80	53	242	224	356	1793	85	49	1968	
1969	179	205	102	125	13	44	50	55	130	140	186	311	1539	63	55	1969	
1970	126	86	87	53	41	29	50	7	47	117	204	204	1195	349	44	9	1970
1971	273	100	256	74	41	95	20	28	70	151	289	285	1682	76	26	1971	
1972	92	165	175	81	17	65	20	26	100	30	178	183	1131	37	58	1972	
1973	223	51	114	5	63	56	49	17	34	208	233	290	1343	41	39	1973	
1974	241	244	227	70	41	11	98	0	22	39	243	255	1491	60	66	1974	
1975	146	146	113	64	87	30	5	109	8	257	394	138	1497	48	60	1975	
1976	157	114	122	61	73	37	30	63	12	94	63	134	959	41	49	1976	
1977	68	145	139	48	114	24	45	40	103	235	259	139	1358	44	49	1977	
1978	179	77	85	116	46	18	1	107	114	72	150	175	1139	54	33	1978	
1979	59	255	56	89	61	37	41	51	159	125	69	320	1322	45	40	1979	
1980	133	147	118	88	45	98	61	53	81	101	204	272	1400	40	63	1980	
1981	135	136	81	126	126	79	48	32	139	150	197	278	1485	55	63	1981	
1982	230	228	70	73	12	30	63	55	76	287	145	315	1544	60	80	1982	
1983	284	398	243	61	37	97	67	34	37	109	412	102	1909	77	80	1983	
1984	172	227	113	144	140	64	25	73	62	271	281	111	1682	55	62	1984	
1985	38	113	158	77	42	34	0	30	73	215	68	97	945	33	57	1985	
1986	298	113	150	110	86	59	34	8	47	49	277	279	1509	62	36	1986	
1987	323	143	165	82	56	21	64	13	20	38	190	232	1347	66	56	1987	
1988	190	84	144	81	74	44	35	38	64	148	349	246	1494	66	66	1988	
1989	137	117	125	79	54	62	75	84	29	138	150	129	1179	31	39	1989	
1990	228	90	80	84	84	119	23	34	6	201	276	194	1423	56	70	1990	
1991	144	175	80	97	23	54	58	87	10	55	281	180	1244	49	46	1991	
1992	424	167	31	105	30	69	6	45	47	167	209	169	1471	62	39	1992	
1993	163	7	136	172	163	106	71	70	2	63	84	295	1333	88	70	1993	
1994	159	167	96	99	36	99	10	81	39	189	217	258	1451	47	73	1994	
1995	299	99	219	94	64	69	73	87	30	233	360	255	1880	50	59	1995	
normal	182	147	137	75	56	48	43	45	60	153	214	232	1395	average	59	average	
excess	179	138	117	34	0	0	0	0	0	0	122	222	812	10-year	73	10-year	



CARNATION CREEK AT THE MOUTH 8HB048

Monthly and Annual Discharge in m³/s Drainage Area = 10.3 km² Median Elevation = 246 m Instantaneous Peak Flow 7-Day Low Flow Year

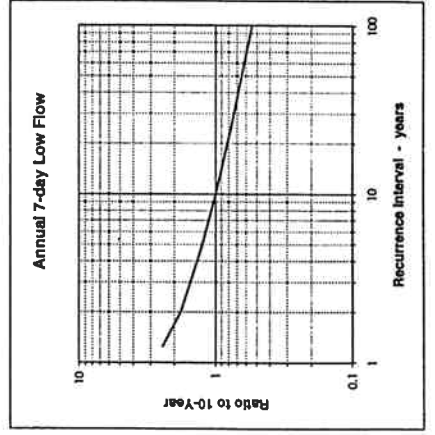
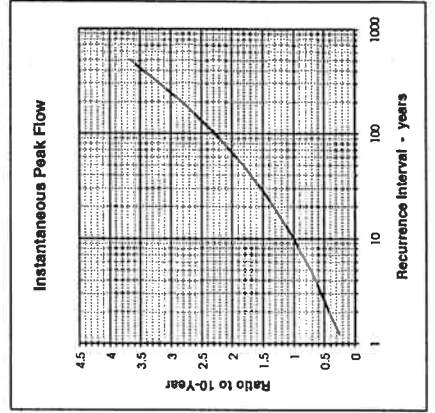
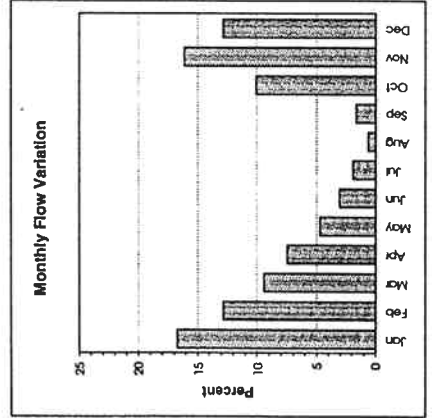
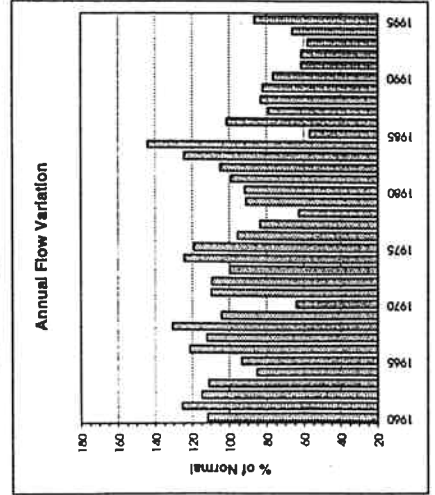
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m ³ /s	Annual	Year
1960													0.990				1960
1961													1.220				1961
1962													0.970				1962
1963													0.930				1963
1964													0.670				1964
1965													0.770				1965
1966													0.980				1966
1967													0.940				1967
1968													1.110				1968
1969													0.790				1969
1970													0.610				1970
1971													0.880				1971
1972													0.960				1972
1973	2.030	0.737	0.974	0.293	0.503	0.464	0.069	0.025	0.031	0.861	1.620	2.340	0.960	Dec 25	26.0	0.013	1973
1974	2.100	2.090	2.410	1.110	0.731	0.369	0.267	0.077	0.088	0.262	1.890	2.530	0.848	Dec 15	19.3	0.013	1974
1975	1.220	0.710	0.905	0.430	0.506	0.227	0.106	0.616	0.143	2.310	3.140	1.970	1.108	Nov 11	22.3	0.057	1975
1976	1.680	1.510	1.240	0.548	0.495	0.298	0.191	0.170	0.236	0.491	0.598	2.240	1.050	Nov 15	31.4	0.091	1976
1977	0.730	1.560	1.160	0.460	0.365	0.189	0.109	0.122	0.189	0.886	1.800	1.500	0.746	Jan 27	16.0	0.045	1977
1978	0.717	0.737	0.826	0.494	0.277	0.198	0.056	0.591	0.841	0.328	0.716	0.870	0.726	Feb 12	34.8	0.035	1978
1979	0.233	1.860	0.900	0.341	0.221	0.090	0.252	0.040	0.577	0.744	0.469	2.380	0.669	Nov 07	43.9	0.037	1979
1980	0.876	1.360	0.874	0.799	0.145	0.145	0.287	0.082	0.508	0.224	2.280	2.610	0.845	Dec 26	23.4	0.037	1980
1981	0.580	1.390	0.426	1.450	0.399	0.589	0.114	0.074	0.519	1.540	1.550	1.460	0.834	Oct 30	20.9	0.060	1981
1982	1.980	1.890	0.688	0.776	0.197	0.043	0.053	0.019	0.072	1.830	1.110	1.940	0.879	Jan 23	50.0	0.006	1982
1983	2.500	2.670	1.280	0.330	0.903	0.201	0.615	0.036	0.079	0.459	2.800	0.680	0.975	Feb 11	36.2	0.016	1983
1984	2.350	1.970	0.982	0.903	0.903	0.153	0.178	0.032	0.288	1.810	1.610	0.852	0.966	Jan 03	65.1	0.024	1984
1985	0.184	0.704	0.576	0.774	0.300	0.100	0.013	0.010	0.154	1.320	0.866	0.492	0.431	Nov 01	11.5	0.004	1985
1986	1.880	2.030	1.410	0.654	0.259	0.193	0.193	0.024	0.083	0.246	1.340	1.800	0.900	Feb 23	49.3	0.015	1986
1987	2.060	1.180	1.430	0.738	0.621	0.442	0.045	0.014	0.010	0.035	1.090	1.500	0.762	Nov 24	22.0	0.009	1987
1988	0.905	0.961	0.985	0.957	0.586	0.279	0.050	0.036	0.153	0.387	2.010	1.000	0.689	Nov 05	21.0	0.018	1988
1989	1.580	0.517	1.010	0.851	0.062	0.043	0.205	0.069	0.028	0.908	2.390	0.914	0.715	Nov 09	46.6	0.022	1989
1990	1.810	2.150	0.807	0.223	0.164	0.772	0.091	0.036	0.030	1.600	4.040	1.910	1.126	Nov 10	50.0	0.020	1990
1991	1.440	3.040	0.386	0.658	0.213	0.062	0.063	1.340	0.090	0.025	1.980	1.830	0.912	Feb 04	43.7	0.029	1991
1992	3.360	1.270	0.279	0.880	0.104	0.051	0.028	0.068	0.218	1.050	1.220	0.715	0.769	Jan 29	27.7	0.014	1992
1993	1.370	1.840	1.310	1.260	0.637	0.405	0.046	0.043	0.010	0.142	0.538	1.780	0.649	Jan 24	49.1	0.007	1993
1994	1.360	1.800	1.370	0.308	0.075	0.339	0.070	0.007	0.055	0.458	1.440	1.950	0.763	Dec 19	26.2	0.004	1994
1995	1.510	1.700	1.340	0.466	0.082	0.097	0.045	0.069	0.032	1.110	4.020	1.720	1.017	Nov 28	44.7	0.012	1995
Normal	1.411	1.423	1.047	0.674	0.423	0.270	0.161	0.115	0.224	0.902	1.723	1.590	0.855	Average	34.3	0.027	m ³ /s
mm	367	337	272	170	110	68	42	30	56	235	434	413	2620	10-Year	55.4	0.007	m ³ /s



CARNATION CREEK AT 150 M CONTOUR 8H8069

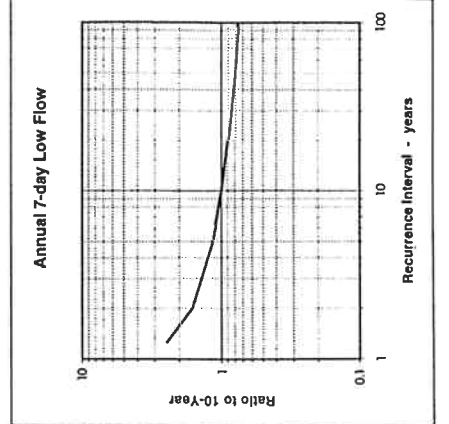
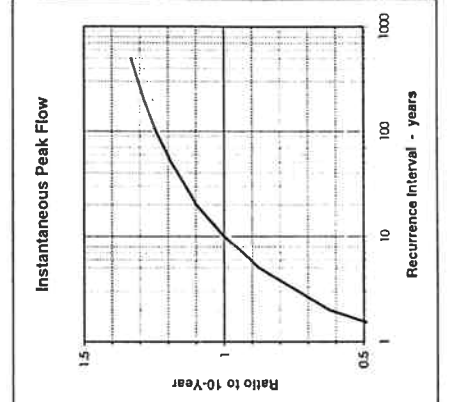
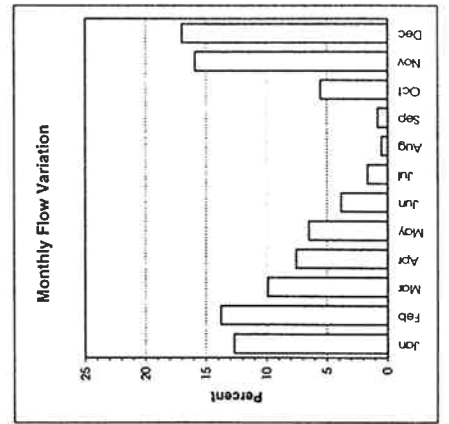
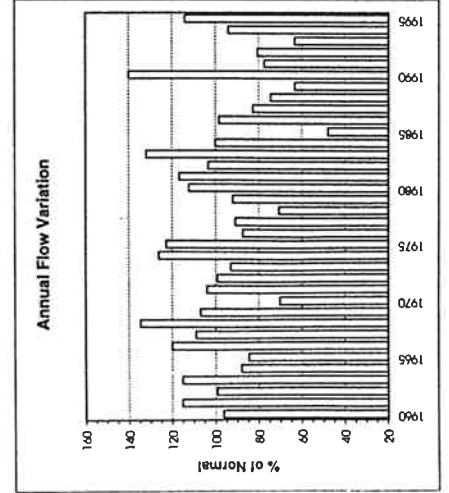
Monthly and Annual Discharge in m³/s Drainage Area = 2.95 km² Median Elevation = 519 m Instantaneous Peak Flow 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Date	m ³ /s	Annual	Year	
1960													0.286				1960	
1961													0.321				1961	
1962													0.294				1962	
1963													0.284				1963	
1964													0.218				1964	
1965													0.239				1965	
1966													0.311				1966	
1967													0.287				1967	
1968													0.334				1968	
1969													0.266				1969	
1970													0.164				1970	
1971													0.280				1971	
1972													0.280				1972	
1973													0.255				1973	
1974													0.318				1974	
1975													0.304				1975	
1976													0.245				1976	
1977													0.213				1977	
1978													0.160				1978	
1979													0.233				1979	
1980													0.234	Dec 26	13.00		1980	
1981	0.186	0.420	0.111	0.403	0.108	0.217	0.032	0.023	0.157	0.053	0.757	1.050	0.253	Oct 31	7.30	0.018	1981	
1982	0.517	0.507	0.194	0.195	0.083	0.019	0.019	0.016	0.030	0.159	0.467	0.421	0.253	Oct 31	7.30	0.018	1982	
1983	0.814	0.879	0.434	0.106	0.068	0.087	0.213	0.020	0.032	0.133	0.298	0.584	0.268	Jan 23	12.20	0.012	1983	
1984	1.300	0.704	0.320	0.279	0.285	0.049	0.057	0.016	0.101	0.598	0.466	0.252	0.369	Feb 11	10.70	0.015	1984	
1985	0.050	0.231	0.199	0.271	0.110	0.046	0.014	0.012	0.052	0.407	0.184	0.165	0.145	Jan 03	34.90	0.014	1985	
1986	0.678	0.460	0.380	0.188	0.288	0.088	0.071	0.009	0.036	0.091	0.419	0.416	0.260	Nov 01	4.56	0.007	1986	
1987	0.361	0.321	0.418	0.220	0.209	0.145	0.025	0.011	0.010	0.017	0.333	0.362	0.202	Feb 23	17.60	0.004	1987	
1988	0.276	0.296	0.275	0.291	0.195	0.100	0.031	0.022	0.056	0.140	0.607	0.279	0.213	Nov 24	7.73	0.007	1988	
1989	0.496	0.133	0.295	0.295	0.029	0.025	0.078	0.032	0.013	0.301	0.625	0.194	0.210	Nov 05	8.10	0.010	1989	
1990	0.357	0.291	0.218	0.065	0.052	0.171	0.034	0.018	0.014	0.301	0.529	0.283	0.196	Nov 09	17.50	0.009	1990	
1991	0.237	0.411	0.102	0.165	0.071	0.029	0.027	0.181	0.038	0.014	0.331	0.306	0.157	Feb 04	4.53	0.007	1991	
1992	0.451	0.265	0.080	0.196	0.047	0.029	0.019	0.036	0.089	0.196	0.264	0.214	0.157	Feb 04	4.53	0.016	1992	
1993	0.211	0.082	0.250	0.320	0.218	0.113	0.024	0.020	0.011	0.056	0.172	0.297	0.148	Oct 20	2.69	0.012	1992	
1994	0.307	0.288	0.264	0.112	0.033	0.104	0.036	0.011	0.033	0.135	0.331	0.387	0.169	Jan 24	7.68	0.010	1993	
1995	0.331	0.342	0.296	0.136	0.030	0.040	0.021	0.038	0.022	0.290	0.734	0.389	0.221	Nov 29	4.84	0.009	1994	
Normal	0.505	0.424	0.284	0.233	0.143	0.095	0.057	0.018	0.050	0.303	0.503	0.386	0.256	Average	10.5	0.011	0.010	m ³ /s
mm	458	351	258	205	130	83	52	16	44	275	442	351	2737	10-Year	19.8	0.006	0.005	m ³ /s



ENGLISHMAN RIVER NEAR PARKSVILLE 8HB002

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Instantaneous Peak Flow	7-Day Low Flow	Year	
1960	14.1	20.0	13.1	14.1	10.8	6.4	1.4	0.7	0.9	4.8	17.5	18.8	13.9					1960	
1961	22.0	34.0	13.8	17.6	21.5	13.3	7.1	2.1	2.0	6.7	29.3	12.4	16.6					1961	
1962													14.3					1962	
1963													14.3					1963	
1964													12.7					1964	
1965													12.2					1965	
1966													17.3					1966	
1967													15.7					1967	
1968													19.4					1968	
1969													15.4					1969	
1970	14.1	20.0	13.1	14.1	10.8	6.4	1.4	0.7	0.9	4.8	17.5	18.8	10.1			0.257	0.257	1970	
1971	22.0	34.0	13.8	17.6	21.5	13.3	7.1	2.1	2.0	6.7	29.3	12.4	15.0			1.210	1.210	1971	
1972													14.3					1972	
1973													13.4					1973	
1974													18.2					1974	
1975													17.7					1975	
1976													12.6					1976	
1977													13.1					1977	
1978													10.2					1978	
1979	4.6	24.4	26.8	6.4	9.8	2.9	2.4	0.7	6.1	12.9	8.1	54.5	13.3	Dec 17	593		0.553	1979	
1980	19.8	29.5	13.1	17.4	7.2	5.9	3.4	0.8	1.2	1.6	41.7	53.3	16.2	Dec 26	602		0.673	1980	
1981	19.2	34.6	7.9	17.3	9.6	5.0	1.8	0.6	2.8	21.5	39.2	44.0	16.8	Dec 05	475		0.496	1981	
1982	17.5	33.1	13.0	10.3	13.9	12.0	3.5	1.0	0.7	22.8	11.8	40.0	14.9	Dec 03	302		0.521	1982	
1983	33.6	57.1	31.9	10.0	10.1	6.6	5.2	1.0	1.0	3.0	61.1	11.5	19.0	Nov 15	601		0.480	1983	
1984	32.0	24.3	16.4	10.5	13.8	7.3	2.8	0.7	1.2	17.2	30.2	17.1	14.4	Jan 04	412		0.424	1984	
1985	6.5	9.2	6.1	16.8	10.9	4.6	1.3	0.5	0.9	10.3	6.9	9.1	6.9	Oct 22	96		0.289	1985	
1986	42.9	29.9	20.3	6.3	11.3	4.9	1.8	0.5	0.4	1.3	19.6	31.6	14.2	Feb 24	426		0.347	1986	
1987	35.2	22.7	30.5	10.5	8.1	5.9	1.6	0.6	0.3	0.3	6.8	20.9	11.9	Jan 12	200		0.307	1987	
1988	16.3	11.5	13.9	18.7	12.9	8.3	3.1	0.9	0.7	1.8	24.4	16.6	10.7	Jan 14	228		0.296	1988	
1989	18.3	10.0	15.0	17.4	8.0	4.3	1.9	0.9	0.4	5.8	11.0	16.4	9.1	Dec 04	231		0.324	1989	
1990	19.9	18.9	13.4	12.3	6.4	6.7	1.3	0.4	1.0	21.6	83.1	57.7	20.2	Nov 23	454		0.283	1990	
1991	17.9	42.0	6.6	11.3	4.6	2.2	0.9	7.1	3.1	0.6	19.2	21.2	11.2	Feb 02	341		0.347	1991	
1992	54.9	29.4	8.1	7.6	4.7	1.3	1.0	0.5	0.8	1.1	16.0	8.6	11.6	Jan 30	369		0.266	1992	
1993	12.6	11.0	21.8	14.2	11.1	6.2	1.3	0.5	0.2	1.1	3.6	25.5	9.1	Dec 10	269		0.195	1993	
1994	25.6	20.7	32.4	11.5	5.6	4.1	1.1	0.5	0.5	3.4	15.6	41.8	13.6	Mar 02	324		0.363	1994	
1995	25.2	34.1	21.9	9.3	8.0	4.1	1.6	0.9	0.3	7.5	44.6	41.2	16.4	Nov 18	241		0.264	1995	
Norma	21.6	25.7	16.8	13.3	11.0	6.7	2.8	0.8	1.4	9.4	27.9	28.9	14.4	Average	363		0.411	m3/s	
mm	178	193	139	106	91	54	23	7	11	78	223	239	1404	10-Year	590		0.235	0.219	m3/s

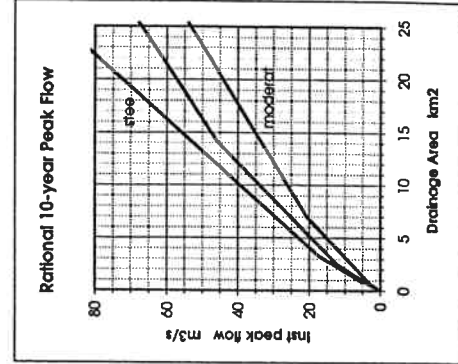
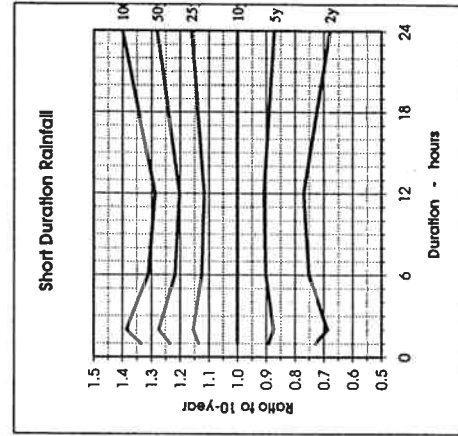
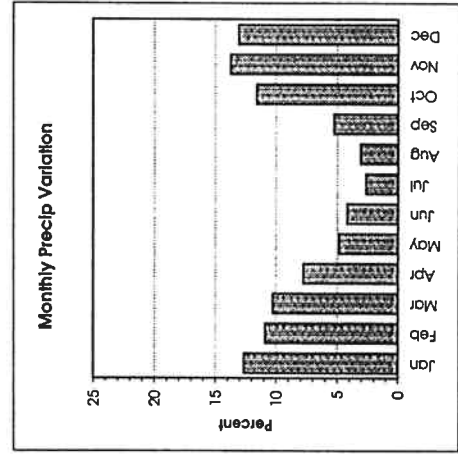
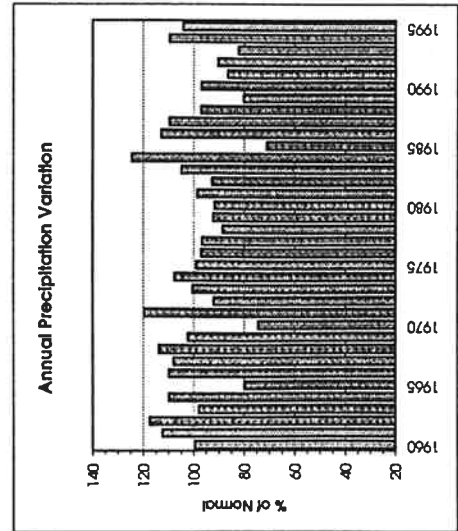


ESTEVAN POINT 1032730

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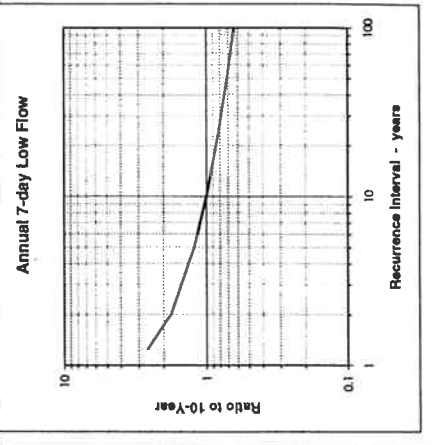
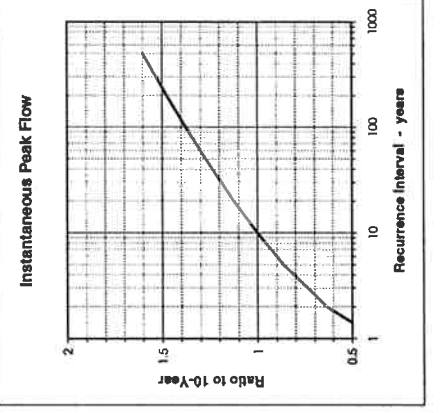
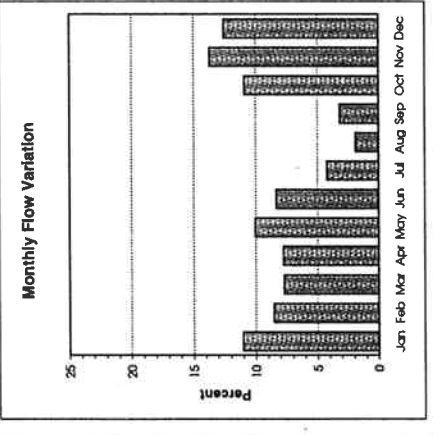
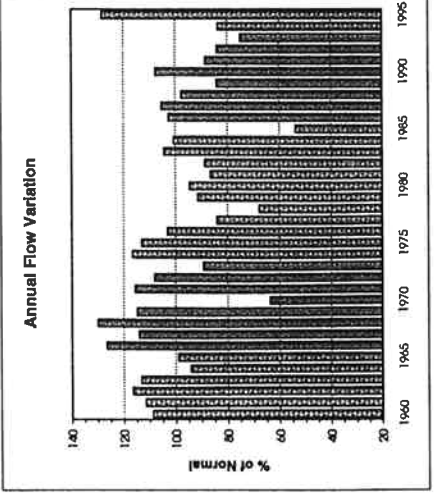
Monthly and Annual Precipitation in mm

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	Maximum Daily Precip	Short Duration Rainfall	24h	12h	6h	2h	1h	Year
1960	393	315	233	326	262	82	35	196	120	607	389	207	3164	Feb	114								1960
1961	436	716	472	251	189	160	46	80	139	357	348	380	3575	Mar	104								1961
1962	447	226	172	384	73	117	29	230	163	488	717	692	3737	Jan	154								1962
1963	90	327	241	235	114	85	169	15	230	545	607	454	3112	Oct	132								1963
1964	538	392	337	308	156	146	340	163	209	342	292	270	3494	Oct	76								1964
1965	274	412	44	140	83	39	15	95	50	532	505	351	2541	Nov	100								1965
1966	600	247	373	101	106	123	34	128	210	416	396	764	3496	Dec	124								1966
1967	562	459	316	97	113	16	76	48	252	709	280	504	3432	Jan	95								1967
1968	485	236	395	239	121	117	74	149	240	777	429	357	3619	Oct	124								1968
1969	290	272	345	491	96	35	67	158	234	294	640	335	3257	Nov	191								1969
1970	241	127	224	271	164	40	98	83	176	223	272	450	2349	Sep	74								1970
1971	628	299	498	284	89	182	32	161	228	528	519	357	3804	Jan	131								1971
1972	312	330	548	370	56	187	131	23	162	79	355	378	2929	Jul	95								1972
1973	637	273	303	100	220	161	74	23	125	380	370	378	3196	Feb	127								1973
1974	391	636	457	234	267	137	120	22	66	535	378	548	3422	Feb	110								1974
1975	324	243	225	174	130	112	15	248	27	535	662	454	3148	Nov	129								1975
1976	405	326	360	307	179	158	158	150	149	375	201	294	3087	Oct	84								1976
1977	164	418	438	264	167	100	127	50	126	417	484	299	3073	Oct	108								1977
1978	236	223	373	116	180	52	6	270	366	228	394	370	2814	Nov	191								1978
1979	169	470	234	159	153	114	146	66	325	206	286	604	2931	Dec	104								1979
1980	205	200	329	274	94	68	134	87	225	209	447	644	2918	Dec	133								1980
1981	214	319	243	372	139	273	24	74	285	316	527	348	3133	Apr	86								1981
1982	477	492	172	192	72	74	53	67	193	329	395	432	2947	Dec	102								1982
1983	586	487	416	115	60	210	203	135	139	303	474	203	3331	Mar	99								1983
1984	584	590	289	400	250	217	43	121	202	419	472	369	3957	Dec	103								1984
1985	139	241	312	275	131	84	25	45	62	566	163	225	2257	Mar	87								1985
1986	692	246	458	415	363	282	72	6	111	127	427	389	3587	Jan	114								1986
1987	546	405	333	405	305	278	34	8	109	147	477	441	3487	Jun	94								1987
1988	431	370	374	208	252	90	54	38	192	265	499	313	3085	Feb	88								1988
1989	466	134	183	183	49	142	90	87	14	271	535	303	2549	Nov	77								1989
1990	285	285	244	175	105	167	13	101	27	513	542	412	3083	Oct	78								1990
1991	276	323	167	180	158	75	93	278	4	63	574	558	2748	Nov	110								1991
1992	663	327	72	260	82	67	2	108	188	379	294	294	2871	Nov	91								1992
1993	376	91	338	394	298	121	36	127	6	139	240	448	2613	Nov	91								1993
1994	305	400	226	249	159	216	15	95	183	345	593	692	3480	Nov	91								1994
1995	352	326	258	266	48	121	57	69	61	643	643	469	3314	Nov	91								1995
normal	402	347	327	247	154	133	83	98	168	369	436	416	3179	average	110								19 average
excess	380	324	294	206	88	49	0	0	89	320	407	392	2548	10-year	143								10-year



GOLD RIVER BELOW UCONA RIVER 08HC001 (CORRECTED FOR DIVERSION TO HEBER)

Year	Monthly and Annual Discharge in m ³ /s												Drainage Area = 1010 km ²		Median Elevation = 757 m		Instantaneous Peak Flow (not corrected) m ³ /s	7-Day Low Flow (not corrected)		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	Jun-Sep	Annual				
1960	34	110.2	58.9	151.4	156	130.1	44.4	21.7	33.8	174	113	134	96.6	Dec 13	14.50	14.50	1960			
1961	282	172.1	91.6	110.3	88	75.1	34.3	13.3	29.8	100	85	110	99.0	Jan 11	7.50	7.50	1961			
1962	174	105.7	23.6	104.5	77	57.4	23.8	44.6	27.2	158	238	208	103.4	Nov 19	8.54	8.54	1962			
1963	37	229.0	79.3	51.2	69	50.1	52.3	17.0	22.8	209	197	202	100.4	Oct 21	8.41	8.41	1963			
1964	90	68.5	60.2	83.4	113	152.4	96.7	50.2	29.5	71	102	85	83.5	Nov 30			1964			
1965	72	95.2	58.5	73.0	82	48.4	18.8	8.4	6.2	305	111	172	87.6	Oct 22	5.16	5.16	1965			
1966	130	67.8	133.6	109.7	106	114.9	64.2	21.5	45.8	169	121	259	112.3	Dec 19	13.30	13.30	1966			
1967	122	91.6	56.6	43.0	144	137.2	36.2	12.2	31.4	274	98	165	101.2	Dec 10	8.75	8.75	1967			
1968	311	129.7	100.6	65.1	98	60.8	39.9	17.7	53.0	206	197	103	116.2	Jan 19	9.36	9.36	1968			
1969	49	66.0	69.9	132.8	216	153.8	38.5	28.6	24.7	80	192	111	101.8	Nov 19	14.10	14.10	1969			
1970	59	73.5	60.1	97.1	100	60.7	23.1	13.2	24.7	58	65	47	56.5	Apr 05	6.18	6.18	1970			
1971	177	133.8	45.6	74.4	143	143.3	68.0	36.0	88.5	102	194	30	102.5	Nov 09	17.60	17.60	1971			
1972	30	65.0	193.9	81.9	166	163.9	84.7	23.6	66.1	13	100	161	95.6	Mar 17	7.47	7.47	1972			
1973	172	50.2	48.0	60.9	103	113.8	38.6	12.2	9.8	119	54	164	79.3	Oct 27	5.20	5.20	1973			
1974	162	75.0	104.1	107.0	118	157.2	103.6	37.8	23.4	28	151	172	103.4	Jan 15	11.50	11.50	1974			
1975	57	36.9	49.3	54.8	118	104.6	41.0	39.8	19.4	142	359	180	100.3	Nov 13	9.89	9.89	1975			
1976	111	54.8	59.1	65.7	148	129.1	26.1	11.5	20.6	65	100	186	91.4	Dec 15	16.70	16.70	1976			
1977	51	119.4	110.2	42.1	56	55.8	19.5	29.3	84.2	73	86	47	60.2	Nov 07	8.55	8.55	1977			
1978	51	70.4	146.8	75.2	101	59.2	37.5	9.4	84.5	91	54	206	81.1	Dec 17	7.54	7.54	1978			
1979	25	82.4	146.8	75.2	75	47.4	31.6	9.2	43.3	38	189	266	83.9	Dec 26	6.65	6.65	1979			
1980	53	101.5	63.7	92.2	77	58.4	18.4	5.6	47.5	155	157	89	76.8	Oct 31	3.76	3.76	1980			
1981	91	89.7	28.7	107.2	102	120.3	38.9	16.2	23.1	181	83	108	78.7	Oct 25	9.47	9.47	1981			
1982	69	114.7	48.7	42.1	102	67.3	71.1	16.8	19.2	86	186	46	92.5	Feb 11	8.05	8.05	1982			
1983	216	185.4	93.1	56.3	75	75.4	51.4	17.6	42.2	162	109	66	89.2	Jan 04	12.50	12.50	1983			
1984	169	106.4	98.2	75.4	95	76.9	51.4	17.6	42.2	162	109	66	89.2	Jan 04	12.50	12.50	1984			
1985	47	48.5	33.6	109.5	103	49.5	17.0	6.1	4.8	71	45	37	47.6	Apr 01	3.57	3.57	1985			
1986	187	121.4	152.1	60.9	129	64.0	33.6	7.9	6.2	21	159	150	91.0	Nov 23	4.25	4.25	1986			
1987	179	154.0	136.0	97.7	106	119.6	31.7	8.9	18.3	54	166	131	93.5	Jan 11	5.10	5.10	1987			
1988	82	118.2	92.0	124.8	135	91.3	54.6	19.2	18.3	83	177	126	74.6	Nov 09	3.80	3.80	1988			
1989	103	99.7	40.2	133	89	60.7	25.8	10.8	5.05	184	338	183	95.4	Nov 23	4.27	4.27	1989			
1990	107	75.7	72.4	93.1	59	57.0	18.6	6.6	5.3	7	197	131	78.5	Nov 19	7.11	7.11	1990			
1991	88	221.0	24.3	53.3	52	30.3	20.2	60.4	18.3	7	125	51	74.5	Oct 23	4.47	4.47	1991			
1992	248	152.0	47.2	47.1	42	22.1	9.6	6.6	17.7	128	87	148	66.5	Dec 03	4.83	4.83	1992			
1993	49	65.6	129.0	75.1	115	59.5	20.9	19.6	7.8	21	87	148	66.5	Dec 03	4.83	4.83	1993			
1994	116	73.3	144.0	97.3	50	51.9	18.7	8.7	15.5	72	80	171	74.1	Mar 01	6.01	6.01	1994			
1995	112	160.0	91.8	74.3	102	63.5	31.8	23.3	13.6	197	330	171	113.7	Nov 08	8.36	8.36	1995			
Normal	115	98.1	80.7	84.0	105	90.1	44.4	19.8	34.2	114	148	131	88.7	Average	8.23	7.96	m ³ /s			
	306	237	214	215	278	231	118	53	88	302	380	348	2770	10-Year	4.27	4.09	m ³ /s			

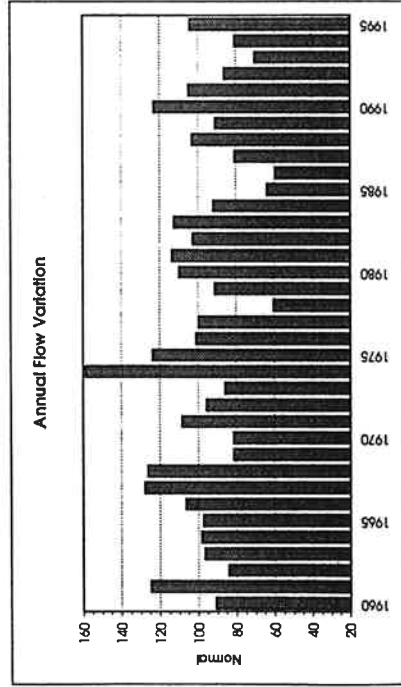
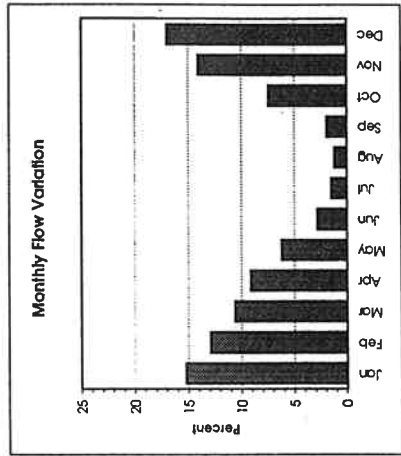


Jordan Reservoirs Inflow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	% of Normal	Year
1960	13.4	20.1	9.2	21.8	11.8	6.3	0.9	1.2	2.4	11.3	15.3	10.1	10.3	91	1960
1961	38.5	40.0	16.7	13.2	8.8	2.4	0.7	1.1	2.2	11.6	14.6	21.3	14.1	125	1961
1962	17.0	7.4	4.6	15.1	10.6	4.3	0.8	2.3	1.9	6.1	20.8	22.7	9.5	84	1962
1963	11.0	24.5	7.5	11.9	7.0	1.1	1.4	0.7	0.7	16.9	29.8	19.8	10.9	97	1963
1964	28.5	16.3	14.3	12.6	9.5	6.7	2.7	1.6	6.4	10.0	14.8	10.3	11.1	98	1964
1965	19.6	30.9	7.9	11.2	8.7	2.7	0.8	0.9	0.7	13.1	17.7	19.3	11.0	97	1965
1966	23.8	8.6	12.5	15.7	7.4	4.2	2.2	0.8	1.2	8.8	18.1	40.5	12.0	106	1966
1967	33.7	24.9	22.7	4.8	6.8	2.8	0.3	1.4	1.7	28.3	14.2	14.4	12.8	128	1967
1968	40.8	19.8	16.1	9.3	6.2	2.8	1.1	1.7	12.5	16.1	17.6	26.6	14.2	126	1968
1969	7.6	5.9	15.3	18.4	13.9	4.8	1.7	2.5	6.5	6.2	9.1	18.1	9.2	81	1969
1970	16.1	14.2	10.2	21.8	4.5	1.3	0.9	1.2	1.8	6.3	12.7	19.5	9.2	81	1970
1971	24.6	23.2	17.6	12.2	15.3	9.0	3.3	6.3	2.7	6.1	22.8	5.2	12.3	109	1971
1972	4.9	11.6	25.3	15.0	11.0	5.1	4.6	1.4	3.8	2.0	10.1	34.9	10.8	96	1972
1973	20.4	7.9	8.2	6.1	5.6	4.0	3.9	3.7	1.7	10.8	9.8	33.3	9.7	86	1973
1974	40.4	27.5	27.9	16.8	16.6	7.7	9.6	8.9	1.9	0.7	31.0	26.4	17.9	159	1974
1975	18.5	7.2	10.3	9.3	13.4	4.6	0.7	3.1	1.2	26.1	36.5	36.4	14.0	124	1975
1976	25.9	17.6	15.1	17.3	14.2	7.4	1.6	1.4	2.4	3.7	10.9	19.8	11.4	101	1976
1977	11.2	19.0	16.3	11.2	4.6	2.5	1.0	1.0	2.8	9.3	31.3	25.8	11.3	100	1977
1978	11.4	10.6	10.4	4.5	6.3	1.6	0.6	1.2	7.1	4.6	10.4	13.4	6.8	60	1978
1979	5.9	26.0	19.5	8.1	4.5	1.1	1.1	0.5	2.7	12.5	5.4	36.9	10.3	91	1979
1980	13.2	26.0	13.8	12.3	2.9	1.2	1.9	0.6	4.9	2.9	34.3	36.1	12.4	110	1980
1981	8.0	33.0	7.8	22.1	5.5	9.5	1.3	0.1	4.4	18.8	22.0	23.6	12.8	114	1981
1982	26.6	30.1	9.0	10.5	7.6	3.0	0.2	0.3	0.9	14.8	13.9	23.5	11.6	103	1982
1983	30.7	31.2	15.6	4.6	1.7	4.2	8.2	0.7	1.7	5.0	35.5	15.4	12.7	113	1983
1984	24.5	16.0	14.2	11.9	12.5	2.1	1.9	1.0	0.9	11.2	13.3	15.0	10.4	92	1984
1985	5.8	9.7	7.3	17.2	6.6	4.5	0.7	0.0	1.3	15.7	13.9	4.0	7.2	64	1985
1986	8.2	0.0	14.9	6.2	14.8	2.2	0.8	0.5	0.0	0.9	12.7	18.5	6.7	59	1986
1987	23.4	18.0	15.3	11.2	5.9	3.2	1.9	0.0	0.2	0.9	9.4	20.6	9.1	81	1987
1988	11.7	19.1	20.1	19.3	7.7	2.9	0.7	0.1	2.2	9.1	27.7	19.5	11.6	103	1988
1989	31.6	8.5	13.2	15.7	3.3	1.6	2.0	0.3	0.2	13.3	24.0	18.7	10.3	91	1989
1990	26.0	31.9	14.5	12.6	5.1	3.9	0.6	0.1	0.0	4.2	37.7	23.1	13.9	123	1990
1991	19.1	24.3	9.3	13.9	2.0	0.7	9.4	6.0	4.0	1.0	28.1	25.7	11.9	105	1991
1992	37.9	20.7	2.6	6.5	1.8	2.3	1.3	0.1	8.3	5.9	17.2	13.0	9.7	86	1992
1993	13.7	7.0	16.4	13.8	6.5	2.4	1.7	3.4	0.0	3.0	8.3	18.5	7.9	70	1993
1994	15.6	16.1	17.2	9.3	2.9	0.0	3.4	0.0	0.4	7.3	14.1	23.5	9.1	81	1994
1995	17.0	29.7	20.6	6.3	1.5	0.9	1.0	1.4	1.0	13.2	19.1	30.6	11.8	104	1995
normal	20.3	18.9	14.1	12.6	8.3	3.8	2.0	1.5	2.6	9.9	19.4	22.7	11.3		normal

median elevation = 640 m

d.a. = 1.44 km2

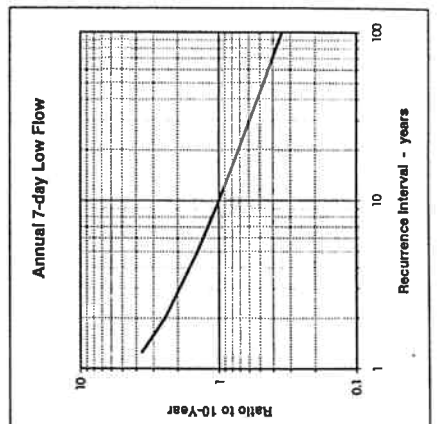
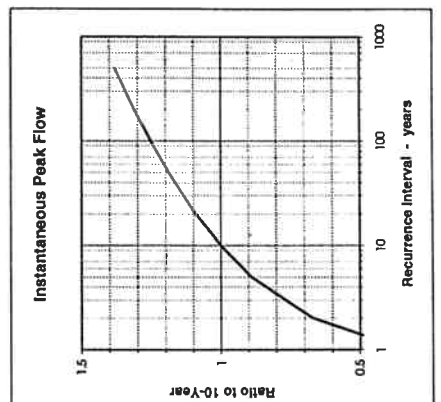
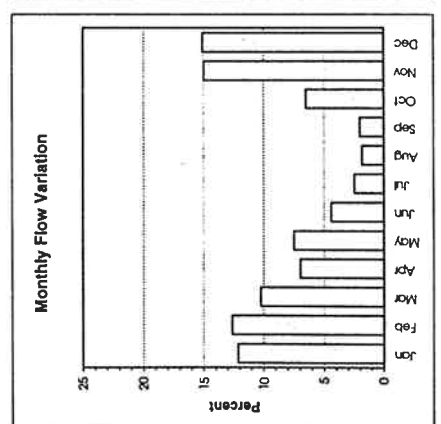
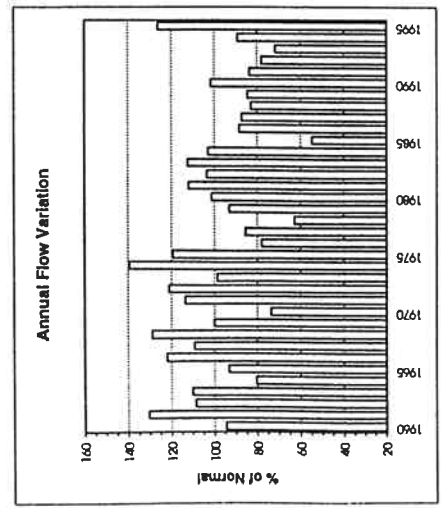


JUMP CREEK AT THE MOUTH 8HB041

Location: 49°02'12.124"09'55"

Drainage Area = 62.2 km² Median Elevation = 700 m Instantaneous Peak Flow m³/s 7-Day Low Flow Annual

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m ³ /s	Annual	Year
1960	8.94	10.29	5.61	6.11	8.97	5.49	2.54	0.78	1.27	2.80	6.29	7.44	4.70	Dec 07	58.4	0.567	1960
1961	6.77	13.50	12.80	5.66	5.62	2.92	2.24	0.51	1.22	4.26	10.90	3.07	6.48	Feb 14	120.0	0.567	1961
1962	12.50	5.77	3.42	2.35	3.93	2.62	0.79	0.25	0.23	3.65	7.48	15.70	5.40	Dec 25	134.0	0.287	1962
1963	18.40	13.00	12.70	6.61	5.87	5.71	2.94	0.81	0.44	0.51	8.54	7.98	5.48	Dec 15	109.0	0.160	1963
1964	3.39	2.48	4.87	3.43	6.99	3.45	1.11	1.28	0.80	12.50	19.90	10.80	4.00	Jan 15	121.0	0.290	1964
1965	8.76	6.14	2.92	0.79	6.63	3.44	2.08	1.21	1.09	4.51	5.16	3.57	4.63	Nov 03	69.4	0.263	1965
1966	2.29	6.93	4.78	5.08	2.76	1.76	0.88	0.91	1.21	3.91	11.50	9.32	6.07	Jan 27	15.6	0.811	1966
1967	1.33	8.82	7.91	3.23	2.58	1.36	0.71	1.17	2.79	1.61	3.64	3.26	5.43	Nov 01	62.9	0.428	1967
1968	4.67	9.46	3.81	4.91	2.29	1.82	1.59	1.33	1.41	1.37	11.70	16.30	6.40	Nov 07	37.9	0.529	1968
1969	6.43	10.50	2.46	7.40	3.36	2.45	1.07	0.95	1.10	6.05	3.12	15.70	4.98	Dec 17	95.1	1.01	1969
1970	10.90	15.70	8.10	2.63	2.58	1.71	2.35	1.17	1.42	1.33	15.80	10.40	3.66	Dec 26	106.0	1.12	1970
1971	8.47	7.76	6.64	4.26	6.07	2.58	1.76	1.43	0.77	6.02	10.30	5.81	4.97	Oct 31	76.7	0.935	1971
1972	6.43	10.60	6.23	2.40	3.91	3.73	1.56	1.17	0.84	8.22	13.20	11.40	5.64	Nov 15	89.8	0.611	1972
1973	10.90	15.70	8.10	2.63	2.58	1.71	2.35	1.17	1.42	1.33	15.80	10.40	5.59	Oct 24	48.2	0.611	1973
1974	8.47	7.76	6.64	4.26	6.07	2.58	1.76	1.43	0.77	6.02	10.30	5.81	5.11	Nov 04	61.9	0.750	1974
1975	11.20	8.78	8.06	6.57	3.13	2.11	1.25	1.62	1.15	0.89	1.54	9.52	5.56	Apr 12	14.8	0.733	1975
1976	9.06	8.88	7.45	2.18	4.95	1.52	1.13	1.17	1.01	0.80	5.68	9.04	4.39	Jan 18	81.5	0.538	1976
1977	11.20	8.78	8.06	6.57	3.13	2.11	1.25	1.62	1.15	0.89	1.54	9.52	4.34	Mar 05	53.1	1.02	1977
1978	3.99	5.16	4.29	2.90	5.98	3.42	0.92	0.96	2.17	2.05	9.30	5.13	4.12	Nov 05	48.9	0.444	1978
1979	7.03	3.34	4.83	5.98	3.36	3.09	1.12	1.21	1.18	2.93	9.06	9.41	4.20	Dec 04	54.6	0.799	1979
1980	6.06	6.12	4.36	3.68	1.87	3.09	1.12	1.21	1.18	4.39	18.80	8.97	5.04	Nov 10	97.1	0.849	1980
1981	5.99	13.30	1.80	2.00	1.55	0.64	0.62	4.89	2.39	1.24	7.04	9.15	4.16	Aug 30	87.7	0.561	1981
1982	18.40	9.01	1.80	2.43	1.04	0.30	0.35	0.49	0.58	2.88	5.85	3.47	3.87	Jan 30	87.7	0.204	1982
1983	3.35	3.43	7.32	5.77	4.28	2.07	0.65	0.80	1.26	1.33	2.14	10.20	3.56	Dec 10	72.3	0.611	1983
1984	7.33	4.67	10.50	3.60	1.51	1.84	0.83	0.96	1.34	2.24	4.29	13.80	4.42	Mar 02	104.0	0.771	1984
1985	10.80	13.30	9.19	2.69	1.68	1.08	0.84	1.10	1.47	4.07	17.30	12.30	6.27	Nov 08	69.8	0.604	1985
Normal	7.11	8.11	6.00	4.22	4.39	2.67	1.45	1.05	1.21	3.79	9.06	8.83	4.97	Average	76.1	0.629	m ³ /s
mm	305	318	258	176	189	111	63	45	50	163	378	380	2521	10-Year	115	0.279	m ³ /s



KOKISH RIVER BELOW BONANZA RIVER 8HF003

Location: 50°28'47", 126°49'32"

Median Elevation = 809 m

269 km2

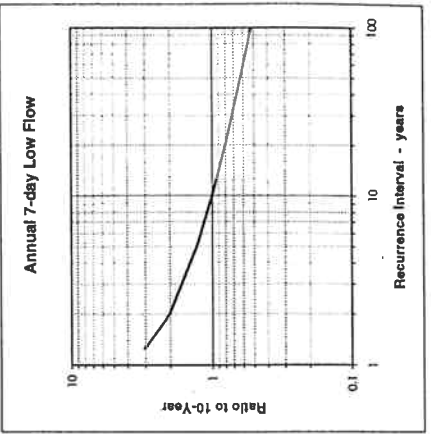
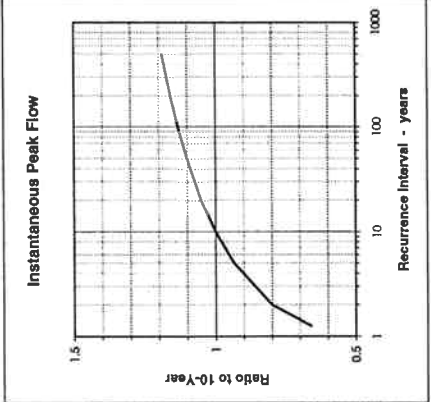
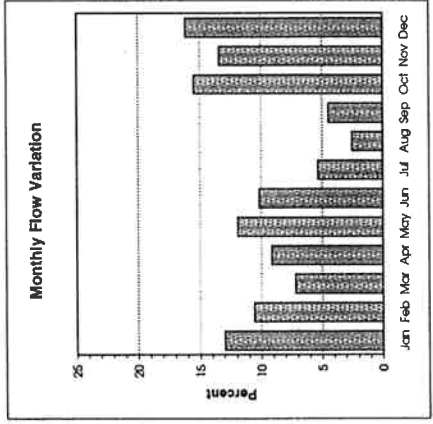
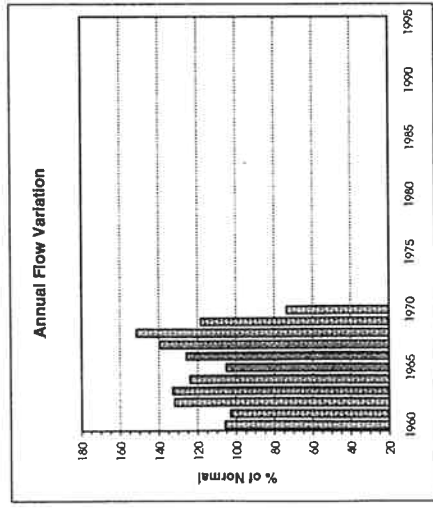
Drainage Area =

Monthly and Annual Discharge in m3/s

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Instantaneous Peak Flow	Jun-Sep	Annual	Year
1960	8.4	17.0	11.1	21.8	21.7	20.9	9.79	5.02	7.07	23.4	23.3	20.0	15.8	Oct 25	120		2.23	2.23	1960
1961	31.7	27.0	16.8	18.0	14.6	13.8	5.84	1.35	4.98	18.8	16.8	15.4	15.3	Jan 15	129	0.586	0.586	1961	
1962	30.8	14.9	3.2	15.2	13.9	13.4	5.84	7.62	5.33	32.0	32.4	60.4	19.7	Dec 05	164	1.31	1.31	1962	
1963	24.0	35.3	11.9	12.8	20.5	10.8	11.30	3.72	10.30	31.6	28.9	37.4	19.8	Dec 24	156	1.43	1.43	1963	
1964	20.7	20.5	12.8	16.7	20.2	33.4	22.60	9.19	8.77	23.7	17.5	15.9	18.5	Oct 31	102	3.25	3.25	1964	
1965	15.3	22.8	13.4	12.3	15.9	11.4	3.63	1.86	1.15	40.2	18.1	32.1	15.7	Oct 20	147	0.769	0.769	1965	
1966	27.5	14.5	19.0	21.5	17.4	20.5	13.40	3.69	5.86	18.0	21.8	41.1	18.7	Mar 29	136	1.66	1.66	1966	
1967	25.2	23.6	11.1	8.0	27.8	25.2	7.93	1.81	15.50	40.0	28.1	35.5	20.8	Sep 04	147	1.16	1.16	1967	
1968	48.8	22.1	18.8	13.1	22.0	14.3	8.90	2.04	10.00	47.2	41.0	22.2	22.6	Oct 28	159	1.59	1.59	1968	
1969	7.0	9.0	10.8	25.3	33.0	24.1	7.21	8.45	16.20	17.9	30.7	22.0	17.6	Nov 20	130	2.35	2.35	1969	
1970	11.2	17.1	10.1	17.4	22.7	14.9	6.40	3.82	4.26	6.3	8.5	9.8	11.0	May 15	86			1970	
1971																			1971
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1995																			1995

Normal 22.8 20.3 12.6 16.6 20.9 18.4 9.35 4.42 8.13 27.2 24.3 28.3 282 14.9 134 1.63 1.63 m3/s

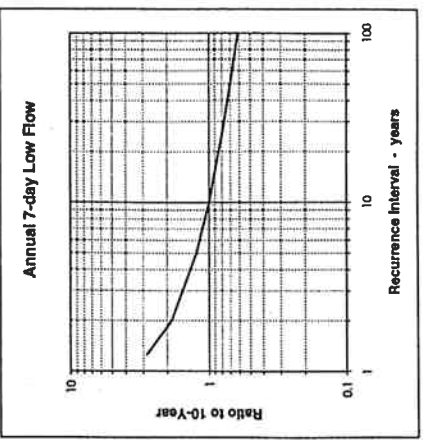
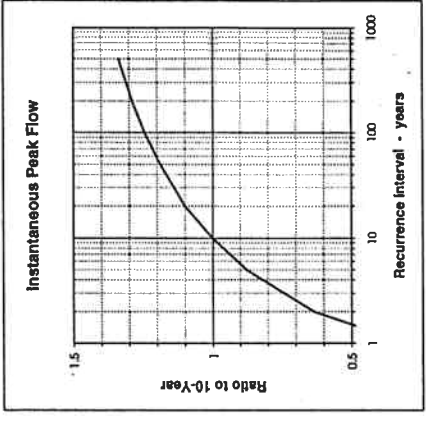
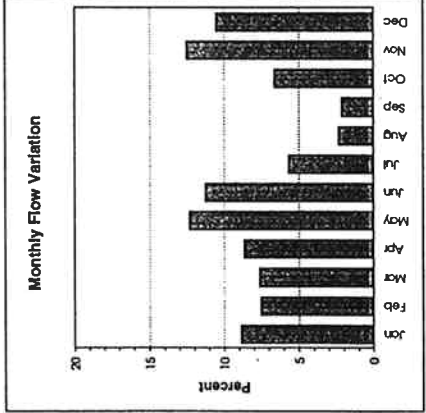
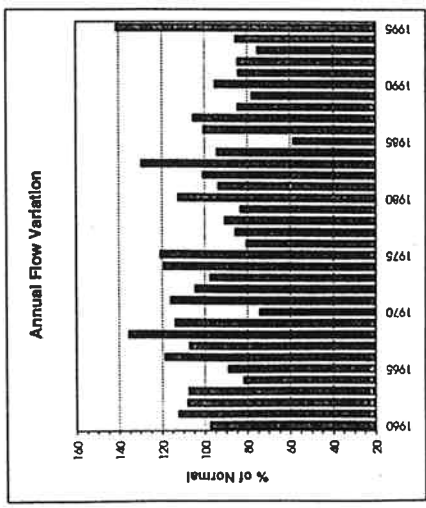
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OYSTER RIVER BELOW WOODHUS CREEK 8HD011

Monthly and Annual Discharge in m³/s Drainage Area = 298 km² Median Elevation = 762 m 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Instantaneous Peak Flow	date	m ³ /s	Jun-Sep	Annual	Year	
1960	19.8	10.6	16.8	21.1	24.6	34.7	22.60	8.95	3.87	2.4	15.7	20.8	13.8						1960	
1961	6.2	5.2	7.7	13.3	30.4	24.6	10.60	5.90	3.25	21.8	55.9	20.2	15.9						1961	
1962	14.5	7.2	5.7	11.6	23.3	19.3	14.20	7.02	4.08	3.9	10.0	15.9	15.3						1962	
1963	7.4	16.4	8.4	14.9	12.8	12.7	4.39	2.27	5.05	16.3	29.9	16.1	15.2						1963	
1964	13.5	16.8	15.0	14.8	16.5	20.4	9.04	9.99	14.50	5.6	12.5	5.7	11.6						1964	
1965	2.6	9.0	17.3	16.0	20.0	17.0	9.00	2.50	6.50	10.1	8.1	23.2	12.6						1965	
1966	11.5	20.3	8.7	16.8	19.4	18.5	11.10	2.69	3.79	4.3	25.0	49.0	16.6						1966	
1967	26.2	17.4	7.3	12.6	8.7	8.6	6.19	2.17	4.67	19.8	30.6	15.4	16.8						1967	
1968	6.1	12.7	10.2	7.4	27.3	36.6	10.10	2.89	1.78	32.4	8.5	15.0	15.2						1968	
1969	30.1	31.9	22.7	13.1	29.6	21.4	12.60	4.40	3.46	8.1	39.0	5.2	19.2						1969	
1970	20.4	17.6	16.6	10.7	15.0	19.7	11.80	3.99	2.49	21.2	14.5	6.3	16.1						1970	
1971	5.3	4.3	4.9	17.4	20.8	12.7	3.90	1.41	1.96	11.5	7.4	7.6	14.8						1971	
1972	29.1	20.2	21.7	10.8	22.7	15.8	5.10	1.41	1.01	2.6	16.0	24.5	13.8						1972	
1973	29.9	21.4	24.9	14.1	21.9	20.4	10.00	3.30	1.86	1.0	13.0	17.6	13.8						1973	
1974	9.6	9.6	10.9	20.4	23.7	18.9	9.09	3.59	2.00	3.2	18.5	15.6	15.9						1974	
1975	8.0	6.4	7.4	22.9	18.6	13.0	6.96	3.01	1.59	11.7	14.7	16.7	16.9						1975	
1976	11.2	7.8	9.2	16.0	14.1	15.1	1.19	0.72	0.72	12.3	47.0	23.7	17.1						1976	
1977	8.9	35.5	4.4	8.4	11.9	9.4	5.37	10.60	3.47	1.0	24.8	21.5	11.4						1977	
1978	34.6	25.8	10.0	14.5	11.4	8.6	4.34	1.46	0.96	11.7	14.2	6.7	12.0						1978	
1979	6.4	10.5	15.7	14.2	26.1	15.8	5.79	3.53	2.56	5.0	5.7	20.2	10.7						1979	
1980	17.3	8.3	23.8	21.0	14.5	10.7	4.74	2.79	2.56	5.0	10.0	24.2	20.0						1980	
1981	22.0	24.8	19.6	13.7	30.6	19.9	10.0	3.9	2.5	16.4	48.0	29.0	14.1						1981	
1982	14.8	13.8	12.7	14.9	20.6	19.4	9.44	3.93	3.68	11.1	21.5	17.6	14.1						1982	
1983	133	113	114	130	185	169	85	35	32	99	187	158	1498						1983	
1984																				1984
1985																				1985
1986																				1986
1987																				1987
1988																				1988
1989																				1989
1990																				1990
1991																				1991
1992																				1992
1993																				1993
1994																				1994
1995																				1995
Normal	14.8	13.8	12.7	14.9	20.6	19.4	9.44	3.93	3.68	11.1	21.5	17.6	14.1	Average	197	1.62	1.32		m ³ /s	
mm	133	113	114	130	185	169	85	35	32	99	187	158	1498	10-Year	308	0.735	0.626		m ³ /s	



Port Alburni A 1036206

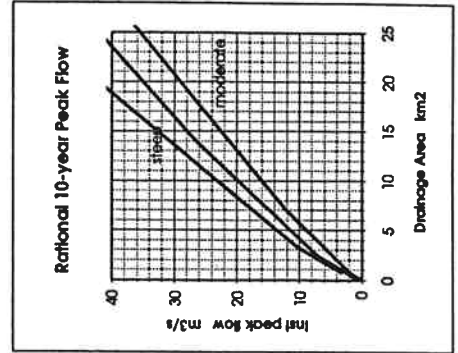
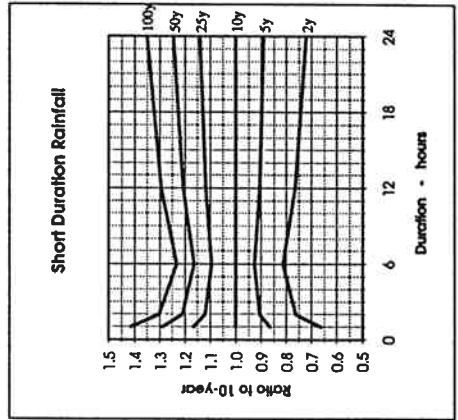
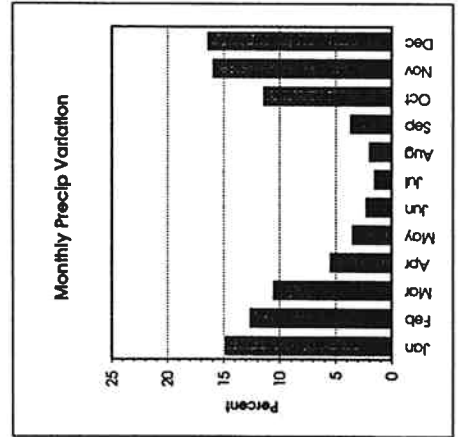
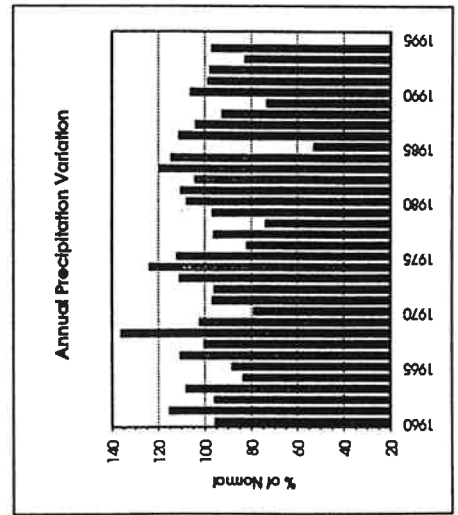
location: 49-15, 124-50, 2 m

Monthly and Annual Precipitation in mm

Maximum Daily Precip

Short Duration Rainfall

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	24h	12h	6h	2h	1h	Year
1960	253	248	198	210	116	20	1	39	39	206	319	188	1838	Dec	86	83	59	33	15	8	1960
1961	505	487	196	77	52	22	33	63	54	197	244	288	2217	Jan	76	58	45	33	16	8	1961
1962	184	64	120	142	42	56	22	132	76	184	455	411	1843	Jan	72	76	57	38	18	11	1962
1963	41	349	226	115	58	21	53	18	27	403	334	433	2078	Dec	100	80	49	33	15	9	1963
1964	460	103	162	55	30	58	55	29	84	135	236	199	1606	Nov	89	107	71	44	22	13	1964
1965	167	180	67	96	63	3	7	104	10	387	319	296	1698	Oct	58	73	52	40	20	11	1965
1966	448	136	266	44	33	51	32	15	71	152	373	2129	Nov	83	87	48	36	30	27	1966	
1967	388	225	226	55	17	18	9	0	45	448	146	350	1926	Dec	96	102	78	48	36	27	1967
1968	721	212	236	92	39	54	59	53	56	404	332	364	2622	Jan	107	87	52	40	20	11	1968
1969	258	211	227	232	84	30	12	47	175	140	216	334	1965	Dec	60	87	48	36	30	27	1969
1970	246	80	123	186	28	16	24	13	55	149	243	353	1515	Nov	52	58	45	33	16	8	1970
1971	236	201	370	91	29	85	17	50	107	152	343	180	1861	Nov	76	76	57	38	18	11	1971
1972	180	332	295	148	24	20	50	14	142	27	211	401	1845	Dec	68	80	49	33	15	9	1972
1973	509	178	121	111	130	59	9	7	50	231	345	483	2131	Jan	99	107	71	44	22	13	1973
1974	368	376	379	99	95	50	72	1	62	59	403	419	2382	Mar	93	104	61	38	18	10	1974
1975	179	205	142	50	52	19	3	119	5	519	579	281	2152	Oct	79	101	78	47	21	12	1975
1976	289	309	230	65	91	26	34	70	50	128	99	185	1574	Dec	68	70	54	34	15	9	1976
1977	107	230	221	97	102	18	29	45	64	306	348	281	1847	Dec	72	73	52	40	20	11	1977
1978	259	134	227	82	89	11	8	113	135	132	132	1418	Mar	78	87	48	36	30	27	1978	
1979	81	413	111	82	51	24	37	32	157	221	147	504	1860	Dec	100	127	86	47	17	13	1979
1980	241	295	151	140	35	100	28	15	104	99	386	479	2073	Dec	111	63	52	39	16	10	1980
1981	157	275	127	161	76	68	61	35	139	341	331	352	2122	Oct	101	115	70	43	25	15	1981
1982	242	412	78	125	32	40	16	8	47	383	238	383	2004	Oct	74	80	55	34	19	11	1982
1983	339	529	305	59	36	75	64	36	51	154	565	146	2298	Feb	95	143	89	45	19	11	1983
1984	220	374	165	191	171	33	12	7	99	352	403	176	2203	Feb	82	117	70	44	20	13	1984
1985	33	126	128	98	61	28	0	21	67	260	50	144	1016	Oct	54	55	40	25	13	9	1985
1986	482	214	295	64	170	50	31	1	35	68	357	369	2136	Dec	83	91	63	43	24	13	1986
1987	471	206	280	143	127	63	24	10	33	26	307	603	1997	Jan	83	97	64	40	15	9	1987
1988	267	105	229	183	118	52	32	18	81	115	427	151	1778	Jan	63	91	71	49	23	12	1988
1989	181	100	229	128	32	64	43	20	13	224	185	193	1411	Dec	66	71	65	45	20	12	1989
1990	304	226	147	54	26	93	11	39	8	326	514	292	2040	Dec	98	108	68	47	21	13	1990
1991	250	325	76	143	56	25	20	203	3	33	385	381	1898	Feb	96	96	64	40	15	9	1991
1992	627	225	41	155	6	43	16	69	61	258	235	146	1881	Jan	102	96	64	40	15	9	1992
1993	207	29	300	198	124	68	27	45	4	91	126	372	1591	Dec	93	108	68	47	21	13	1993
1994	221	440	196	72	64	73	7	27	55	187	369	152	1862	Dec	78	91	62	40	19	12	1994
1995	362	245	256	105	67	44	29	38	70	220	307	315	1925	average	82	121	79	48	24	17	1995
normal	285	243	203	105	67	44	29	38	70	220	307	315	1925	10-year	108	121	79	48	24	17	10-year
excess	246	243	184	66	2	0	0	0	0	0	242	287	1270	10-year	108	121	79	48	24	17	10-year

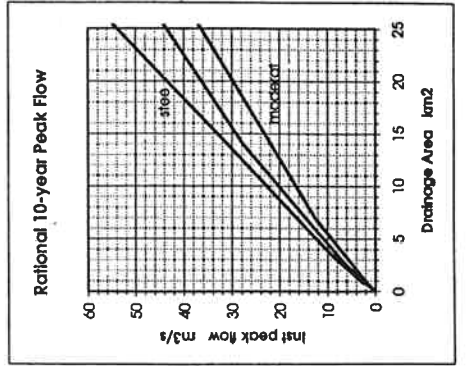
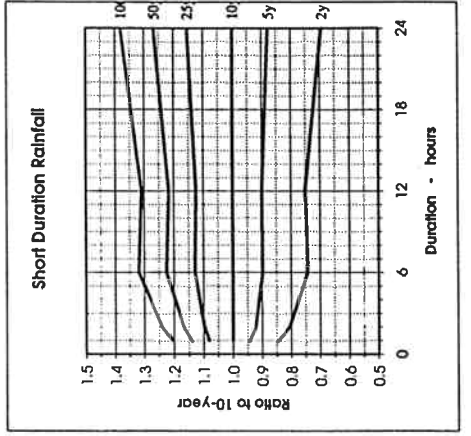
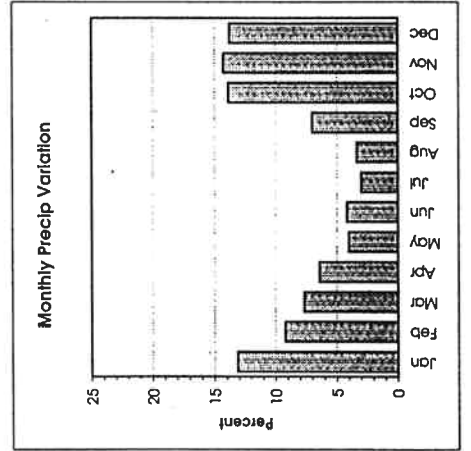
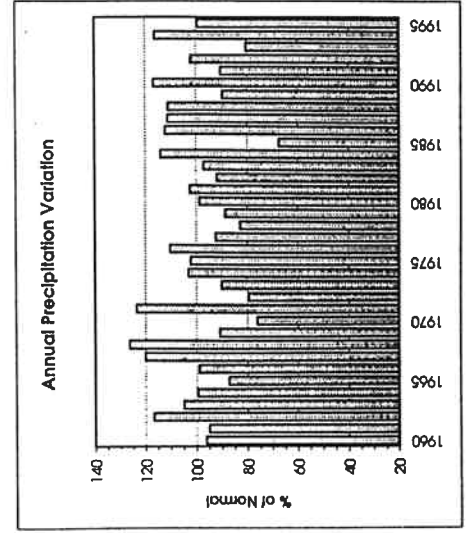


Port Hardy A 1026270

location: 50°41' 127°22' 22m

Monthly and Annual Precipitation in mm

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	24h	12h	6h	2h	1h	Short Duration Rainfall
1960	141	197	194	145	160	67	13	142	104	303	220	111	1797	Oct	53						
1961	257	296	144	70	39	45	25	80	130	283	159	248	1775	Aug	43						
1962	282	46	78	165	46	110	20	109	166	264	451	423	2181	Sep	96						
1963	77	176	119	113	70	63	126	63	230	363	303	267	1959	Nov	87						
1964	287	192	182	189	75	58	112	74	140	268	146	136	1889	Oct	60						
1965	198	236	32	123	45	19	24	35	53	376	202	289	1850	Oct	59						
1966	326	146	209	60	101	53	51	81	65	322	205	334	2242	Oct	78						
1967	327	226	148	28	107	16	52	65	200	487	187	399	2242	Oct	94						
1968	404	93	126	175	59	91	56	62	260	485	307	240	2359	Oct	63						
1969	126	159	89	174	31	33	33	125	188	228	276	237	1698	Nov	54						
1970	138	81	143	181	125	22	34	107	141	159	390	231	2306	Jan	75						
1971	426	130	168	91	49	116	38	20	137	101	129	206	1483	Mar	66						
1972	215	187	204	141	33	86	24	20	107	221	152	206	1683	Dec	57						
1973	282	117	137	101	92	78	77	30	107	221	257	344	1925	Nov	67						
1974	342	249	137	104	89	101	93	15	47	242	574	227	1909	Jan	81						
1975	227	81	131	53	80	91	14	164	25	184	188	431	2058	Dec	77						
1976	207	183	212	105	52	54	61	22	97	310	356	219	1725	Oct	114						
1977	65	198	264	83	52	54	13	151	206	223	239	219	1548	Nov	81						
1978	63	84	172	60	76	42	72	28	209	179	140	368	1658	Dec	55						
1979	76	225	73	97	115	78	72	28	209	179	140	368	1658	Dec	55						
1980	201	90	162	165	41	52	109	51	201	108	266	399	1845	Dec	154						
1981	172	245	96	212	85	143	34	54	193	250	257	174	1913	Sep	92						
1982	299	262	63	107	53	20	69	48	150	336	107	201	1717	Sep	71						
1983	273	216	153	68	35	163	151	56	119	170	288	120	1812	Feb	67						
1984	362	201	130	136	187	77	56	101	122	295	217	244	2127	Jan	68						
1985	100	232	116	148	43	37	16	12	54	308	102	91	1258	Jan	68						
1986	385	102	170	160	135	117	44	22	115	123	341	312	2075	Nov	78						
1987	348	252	150	180	85	122	41	70	175	181	365	205	2072	Sep	89						
1988	219	229	277	125	84	77	44	48	21	244	328	204	1673	Nov	74						
1989	353	40	129	116	48	131	15	61	39	464	481	275	2179	Oct	82						
1990	309	188	87	76	54	46	45	146	19	110	357	394	1686	Dec	68						
1991	146	205	81	90	48	46	11	73	164	299	267	190	1906	Oct	72						
1992	456	169	36	98	86	67	31	80	9	108	282	257	1501	Nov	76						
1993	108	14	235	115	122	140	31	72	178	353	373	368	2169	Oct	93						
1994	149	236	171	127	50	56	36	69	46	385	475	248	1855	Jan	42						
1995	134	118	115	77	27	65	95	69	46	385	475	248	1855	Jan	42						
normal	245	172	143	120	75	78	56	63	131	259	267	257	1868	average	73						
excess	229	156	113	77	7	0	0	0	0	191	242	242	1257	10-year	103						



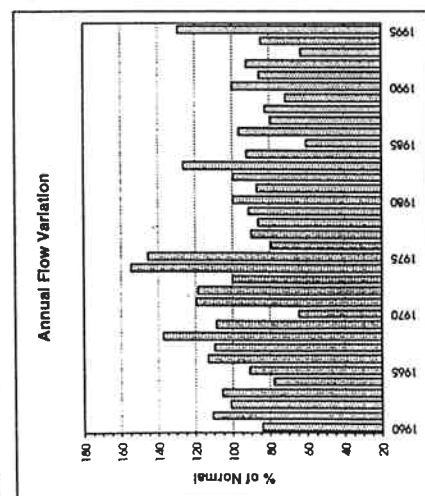
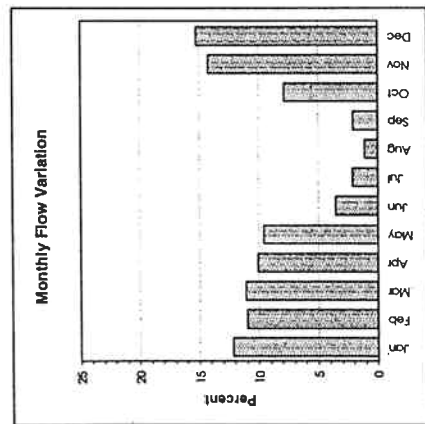
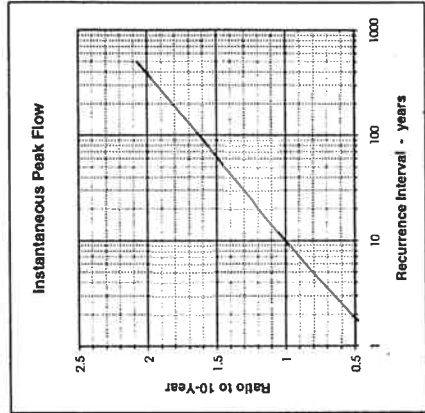
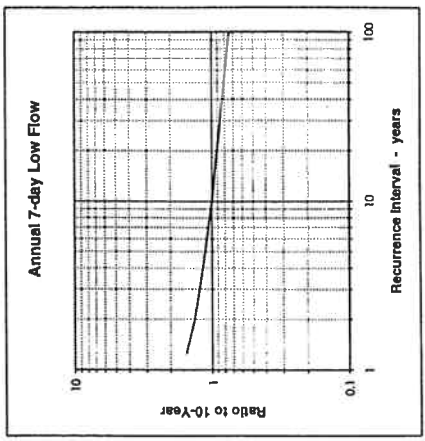
QUINSAM RIVER NEAR CAMPBELL RIVER 08HD005 (CORRECTED FOR DIVERSION TO CAMPBELL LAKE)

Year	Monthly and Annual Discharge in m ³ /s												Mean	Instantaneous Peak Flow (not corrected) m ³ /s	7-Day Low Flow (not corrected) Jun-Sep Annual	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
1960	122	244	57	115	81	69	26	51	18	62	121	172	9.4	63.3	1.66	1960
1961	303	278	223	125	123	60	32	42	33	35	102	138	12.4	121.8	1.91	1961
1962	137	128	111	100	71	41	54	38	31	11.1	21.1	32.5	11.3	74.6	2.18	1962
1963	131	192	134	151	93	27	32	46	51	13.9	20.2	22.8	11.8	79.6	2.37	1963
1964	217	161	129	53	46	101	45	70	32	4.3	6.0	8.9	8.7	33.9	2.26	1964
1965	106	210	123	74	88	42	24	22	21	8.6	17.5	25.8	10.2	60.2	1.99	1965
1966	21.2	156	149	117	80	64	35	23	59	5.0	17.0	40.6	12.7	82.8	2.12	1966
1967	260	168	169	121	116	81	24	51	28	10.2	11.2	23.9	12.3	42.3	1.65	1967
1968	502	164	177	69	77	51	25	28	47	17.6	30.0	22.3	15.4	241.4	1.93	1968
1969	78	159	167	206	133	54	37	33	42	6.1	20.8	22.6	7.2	68.3	1.63	1969
1970	109	121	81	73	54	43	19	19	32	3.4	5.7	22.6	10.1	88.5	1.52	1970
1971	215	277	141	158	148	99	38	33	41	7.2	27.8	11.9	13.4	106.6	1.93	1971
1972	67	149	455	259	136	105	44	35	44	2.8	10.2	17.4	13.3	88.5	1.51	1972
1973	303	110	148	65	66	60	29	15	30	6.5	12.0	32.4	11.2	101.5	0.991	1973
1974	241	208	241	186	98	427	68	72	33	4.5	27.3	19.5	17.3	72.4	1.82	1974
1975	120	94	150	153	166	86	58	27	13.9	11.8	64.4	20.4	16.3	159.4	1.46	1975
1976	184	128	100	120	87	81	56	49	42	6.6	5.7	9.5	8.9	29.1	1.75	1976
1977	92	166	153	127	62	61	46	17	40	7.1	20.9	21.9	10.1	69.9	1.25	1977
1978	105	171	177	192	87	51	15	28	71	6.9	12.1	24.2	10.2	78.1	1.57	1978
1979	69	205	172	122	102	47	41	22	59	8.7	6.4	29.9	11.1	84.7	1.75	1979
1980	118	146	165	127	78	70	68	33	43	5.5	13.6	29.9	9.7	40.6	1.85	1980
1981	152	110	74	83	118	99	65	38	43	6.5	16.0	16.5	9.7	61.4	1.73	1981
1982	91	186	183	106	92	100	52	21	42	15.1	10.8	21.0	11.1	102.0	1.84	1982
1983	489	307	193	75	56	44	60	44	39	4.6	26.8	8.6	14.1	34.8	1.58	1983
1984	134	170	139	114	103	33	36	33	35	10.0	18.2	13.6	10.4	17.7	1.34	1984
1985	69	99	108	139	86	65	37	23	35	4.5	5.7	5.4	6.8	34.8	1.58	1985
1986	300	153	144	102	58	37	34	31	33	3.0	7.5	18.8	10.8	65.7	2.28	1986
1987	256	144	145	58	58	3.4	4.6	2.3	4.1	2.9	18.2	13.3	9.2	43.3	2.17	1987
1988	117	116	123	131	99	3.5	4.6	2.3	4.1	3.4	18.2	13.3	8.0	47.6	2.33	1988
1989	117	116	123	114	61	2.6	2.6	2.6	3.3	4.6	10.2	16.0	11.2	106.0	1.54	1989
1990	172	128	96	84	49	7.5	2.3	1.6	2.5	7.1	37.0	24.1	9.6	95.1	1.96	1990
1991																1991
1992																1992
1993	93	61	99	49	69	85	44	35	43	5.1	4.3	17.2	7.1	65.9	2.46	1993
1994	127	132	184	76	42	38	28	29	38	6.0	13.0	25.2	9.5	62.2	1.79	1994
1995	196	176	171	70	63	35	30	35	40	9.3	44.2	38.2	14.4	99.8	2.09	1995
Normal	182	165	157	118	92	76	40	33	43	7.1	17.2	19.8	11.2	76.2	1.81	m ³ /s
	171	141	147	108	86	69	38	31	39	67	156	186	1239	128	1.35	m ³ /s

Median Elevation = 378 m

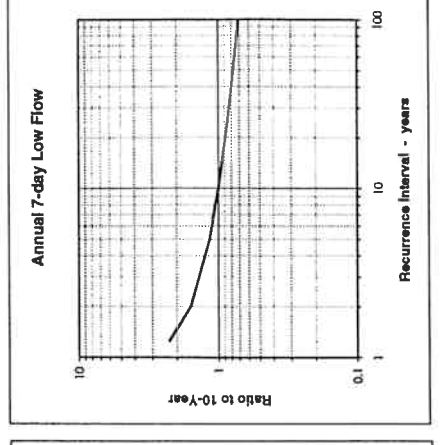
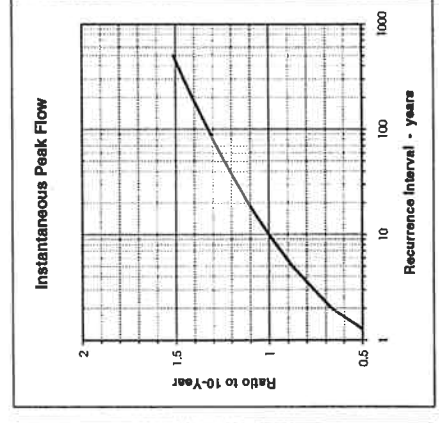
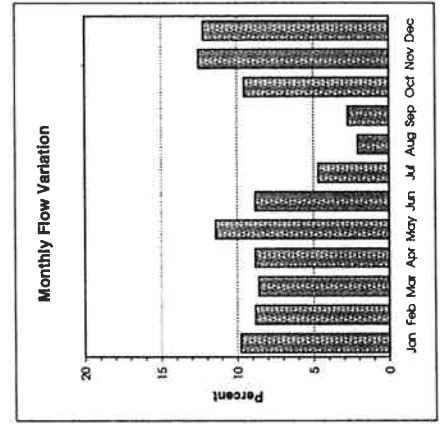
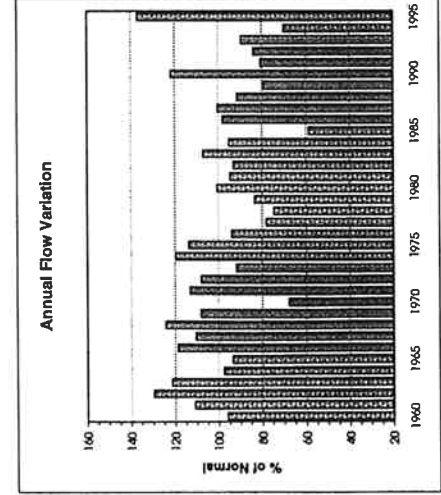
285 km²

Drainage Area =



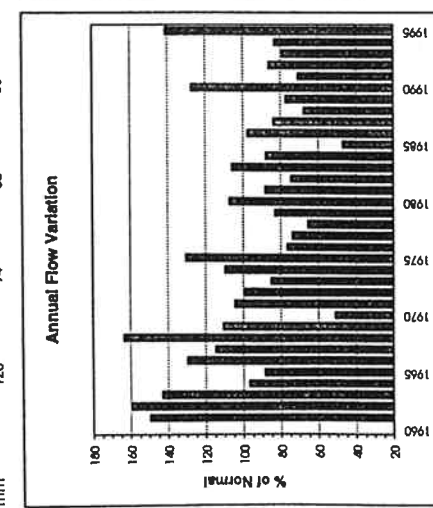
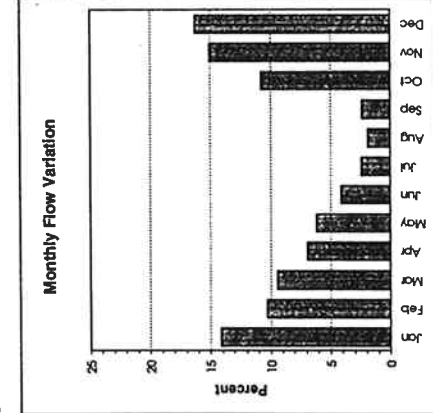
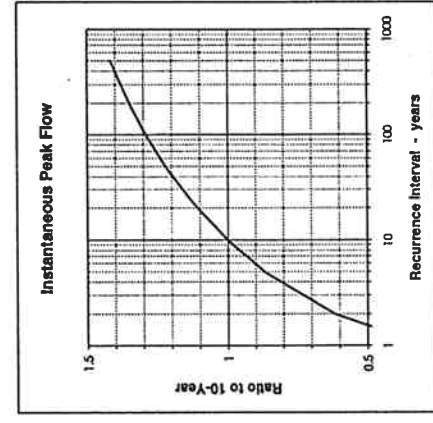
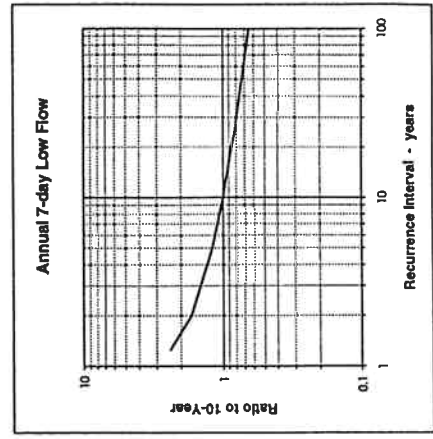
SALMON RIVER NEAR SAYWARD 08HD006 (CORRECTED FOR DIVERSION TO CAMPBELL LAKE)

Year	Monthly and Annual Discharge in m ³ /s												Median Elevation = 627 m	1200 km ²	Drainage Area =	Instantaneous Peak Flow (not corrected) m ³ /s	7-Day Low Flow (not corrected)		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					Mean	date	
1960	33.0	83.5	45.3	97.1	101.6	83.0	32.5	14.3	21.9	124.6	81.8	96.1	67.8	Oct 23	7.84	7.84	1960		
1961	205	153	83.4	99.0	107.5	65.3	32.2	10.5	16.1	52.8	65.8	54.6	78.3	Jan 15	6.23	6.23	1961		
1962	126	86.0	27.1	92.3	65.0	53.0	18.1	46.4	16.2	142.2	165.5	260	91.6	Nov 19	5.53	5.53	1962		
1963	62.1	187.0	73.3	58.1	72.3	44.3	41.8	16.2	16.8	171.7	126.2	165.7	85.7	Oct 21	9.05	9.05	1963		
1964	82.2	75.5	51.1	75.2	90.7	131.7	78.9	33.3	33.2	51.1	58.5	66.2	68.9	Feb 04	12.68	12.68	1964		
1965	65.0	65.0	67.8	67.9	75.7	43.3	18.5	13.6	6.1	151.3	93.6	116	66.0	Oct 21	4.68	4.68	1965		
1966	95.4	68.8	98.8	89.7	86.7	83.1	45.4	13.6	23.9	102.8	99.2	196.5	83.8	Dec 19	6.53	6.53	1966		
1967	89.2	68.8	63.5	48.5	118.7	109.8	24.6	8.7	16.8	184.3	72.7	127.3	87.8	Dec 10	3.74	3.74	1967		
1968	175.9	110.8	109.9	51.3	86.3	63.5	30.9	18.2	42.5	171.9	132.5	60.1	87.8	Oct 29	8.19	8.19	1968		
1969	42.0	49.5	112.5	155.6	106.9	27.1	16.5	68.7	18.7	49.7	55.5	50.8	47.9	Nov 07	5.80	5.80	1969		
1970	49.2	70.6	46.8	56.9	82.9	62.6	22.7	10.3	18.7	144.3	144.3	33.8	79.9	Nov 09	6.02	6.02	1970		
1971	94.7	103.5	49.2	76.8	142.2	108.7	60.7	22.4	52.3	74.4	62.2	122.0	66.3	Mar 17	7.27	7.27	1971		
1972	16.6	66.1	147.2	92.9	171.3	130.7	65.7	24.0	23.7	15.5	69.3	92.2	76.3	Dec 15	5.51	5.51	1972		
1973	100.8	45.6	62.7	60.6	97.6	74.6	33.7	9.6	7.0	77.5	50.4	153.2	64.8	Jan 15	8.21	8.21	1973		
1974	87.4	67.9	88.8	119.0	118.6	141.2	94.5	31.7	15.4	27.0	116.6	106.6	84.5	Jan 15	6.18	6.18	1974		
1975	39.9	25.2	47.7	70.0	136.3	87.6	36.5	40.3	14.3	98.0	248.0	117.2	80.3	Nov 13	10.42	10.42	1975		
1976	74.0	50.8	43.3	61.5	121.1	101.9	62.5	31.9	21.8	40.5	62.2	122.0	66.3	Dec 26	5.84	5.84	1976		
1977	38.4	95.7	59.9	70.4	50.4	41.3	19.9	8.2	18.7	70.6	121.3	70.4	55.0	Oct 23	4.81	4.81	1977		
1978	43.6	66.8	83.6	58.0	69.4	55.7	16.9	19.4	53.5	59.1	76.4	31.1	52.6	Nov 06	3.74	3.74	1978		
1979	14.1	56.7	88.7	85.9	106.1	50.8	26.7	7.2	49.6	57.9	39.6	123.0	58.9	Dec 17	7.42	7.42	1979		
1980	50.3	94.1	65.4	83.4	71.1	49.5	40.8	9.3	45.0	29.3	122.1	194.1	71.0	Dec 11	7.93	7.93	1980		
1981	94.2	95.4	55.8	73.8	68.0	58.3	17.4	8.9	37.8	111.1	115.8	66.7	66.8	Oct 31	10.31	10.31	1981		
1982	136.5	149.2	87.5	51.1	65.5	58.4	76.6	28.4	18.6	113.1	86.5	40.7	75.5	Feb 12	12.91	12.91	1982		
1983	111.1	86.4	75.0	55.9	77.5	71.9	47.8	16.0	23.6	113.1	145.7	27.8	67.1	Jan 04	12.21	12.21	1983		
1984	36.3	34.5	36.6	97.2	94.1	47.1	15.0	6.4	5.8	55.0	35.6	34.2	41.5	Jan 19	4.04	4.04	1984		
1985	141.6	87.6	114.4	62.4	105.4	65.6	26.3	8.5	5.9	12.2	94.6	106.0	69.2	Jan 11	3.91	3.91	1985		
1986	146.9	98.3	116.0	69.7	105.4	85.3	26.8	8.1	11.6	6.4	91.4	70.8	64.4	Nov 05	4.09	4.09	1986		
1987	51.3	76.4	71.6	86.4	88.0	54.9	84.3	16.4	10.8	30.2	107.0	96.7	64.4	Nov 05	6.15	6.15	1987		
1988	55.1	44.8	48.5	100.7	70.4	43.2	25.4	10.3	4.9	47.5	109.8	110.6	55.9	Dec 03	3.86	3.86	1988		
1989	88.6	54.2	60.8	71.8	52.3	70.0	19.0	6.7	6.2	129.5	324.5	148.2	85.9	Nov 11	4.10	4.10	1989		
1990	59.0	26.1	26.1	48.4	46.7	28.4	25.6	35.2	13.0	6.2	132.0	99.7	56.9	Nov 19	6.09	6.09	1990		
1991	175.0	43.0	46.4	43.0	33.8	22.6	9.2	5.1	8.1	90.8	111.0	35.4	59.1	Jan 30	3.58	3.58	1991		
1992	37.7	50.5	149.1	90.2	116.9	59.3	26.6	28.1	7.9	16.2	49.6	122.8	63.1	Mar 22	5.36	5.36	1992		
1993	61.4	47.9	110.4	61.6	30.1	29.6	13.7	7.8	11.1	43.4	57.6	117.1	49.4	Mar 02	5.52	5.52	1993		
1994	109.4	157.2	88.6	69.3	95.0	55.7	28.5	21.4	15.0	139.1	247.4	139.0	96.6	Nov 18	7.79	7.79	1994		
1995	81.3	80.4	71.4	75.8	95.0	75.7	38.9	17.1	23.4	79.2	107.8	101.7	70.6	Average	6.98	6.98	1995		
Normal	181	164	159	164	212	163	87	38	50	177	233	227	1856	10-Year	3.98	3.79	Normal		



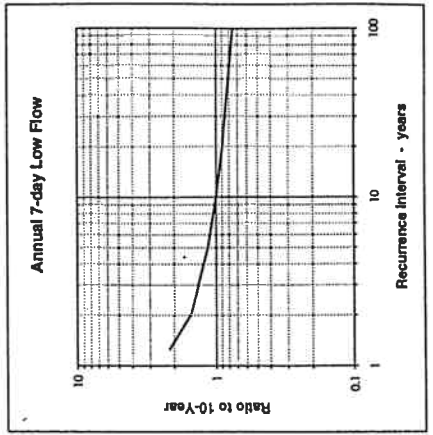
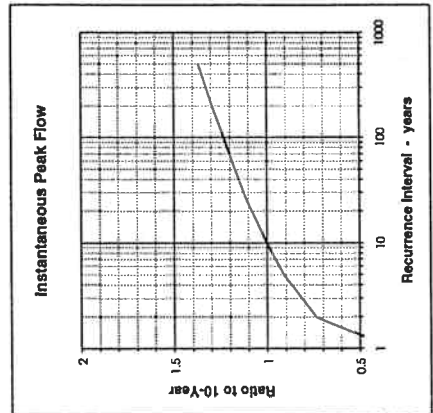
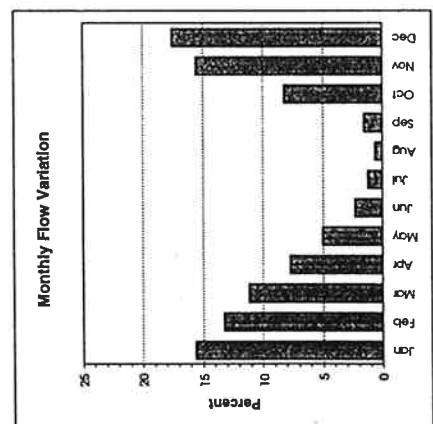
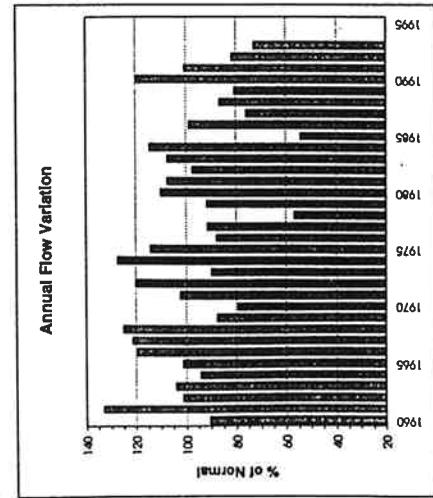
SALMON RIVER ABOVE MEMEKAY RIVER 8HD007

Year	Monthly and Annual Discharge in m ³ /s												Annual	7-Day Low Flow		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
1960	63.4	45.4	26.7	29.0	11.30	5.21	7.71	2.05	3.46	30.0	30.4	31.5	18.9	402	1.08	1.08
1961	34.6	20.1	7.5	12.5	5.77	4.52	2.91	6.45	2.13	10.2	12.7	10.9	20.0	569	1.35	1.35
1962	16.3	46.5	15.2	8.8	7.09	1.90	3.85	3.86	3.25	26.6	43.8	73.0	30.0	770	0.948	0.948
1963	14.0	24.3	11.7	7.7	7.65	20.70	6.68	4.37	5.50	9.7	10.8	13.7	12.2	476	2.35	2.35
1964	14.0	12.6	9.6	12.5	5.47	2.56	2.41	2.20	1.10	27.7	13.5	29.8	11.1	467	0.935	0.935
1965	28.9	12.4	21.9	8.4	9.13	3.91	3.13	2.41	3.52	19.3	19.0	66.2	16.3	331	1.59	1.59
1966	18.3	11.9	11.0	7.9	5.94	7.45	3.43	2.17	3.43	43.4	14.4	39.2	14.5	328	1.51	1.51
1967	70.5	22.1	17.4	7.7	8.37	4.98	3.87	3.83	5.79	42.3	40.5	18.8	20.6	484	2.21	2.21
1968	16.0	13.8	14.2	16.3	20.50	15.30	4.51	5.69	10.00	10.8	22.2	18.0	13.9	155	2.72	2.72
1969	10.0	11.0	6.6	7.0	8.79	3.01	3.12	2.08	3.14	4.7	7.2	10.9	6.4	99	1.16	1.16
1970	26.0	20.0	11.0	13.9	17.50	7.71	3.44	2.80	6.13	13.1	29.0	7.9	12.5	331	2.49	2.49
1971	7.5	12.3	33.8	16.0	20.00	20.10	3.13	3.76	4.04	2.7	8.7	18.3	10.7	222	1.12	1.12
1972	22.7	8.6	10.7	5.2	8.28	4.21	3.22	1.84	1.54	16.6	8.6	36.4	13.8	276	1.47	1.47
1973	23.3	13.7	17.2	15.2	26.20	12.70	3.45	2.52	2.52	3.0	18.5	21.2	9.6	476	1.59	1.59
1974	10.3	6.0	13.3	16.7	17.10	6.65	3.24	5.44	3.19	16.4	11.2	20.3	9.6	162	2.40	2.40
1975	14.8	10.7	9.5	10.4	10.60	8.70	4.56	3.68	2.81	8.4	23.2	15.3	9.3	274	1.13	1.13
1976	8.1	17.5	12.3	6.2	3.51	3.29	2.66	1.61	3.10	15.6	19.1	6.1	8.2	320	1.41	1.41
1977	9.6	12.5	14.5	8.9	4.66	3.39	2.05	3.03	6.80	8.8	6.4	29.8	13.5	371	2.32	2.32
1978	6.4	12.1	16.1	13.6	9.73	3.46	2.95	2.44	7.24	15.0	21.4	62.5	11.1	439	1.45	1.45
1979	9.6	17.8	12.8	10.3	3.21	3.57	5.17	1.91	7.87	6.0	27.8	14.7	11.1	320	1.08	1.08
1980	17.2	15.9	6.3	10.3	6.86	6.71	2.74	1.31	2.74	19.8	27.8	14.7	9.4	214	1.47	1.47
1981	8.4	12.8	10.8	8.3	7.63	3.44	2.70	2.34	2.49	26.2	8.5	18.5	13.3	214	2.16	2.16
1982	28.3	36.4	18.0	5.5	3.73	3.08	5.67	2.60	3.44	15.1	35.2	4.8	11.1	355	2.05	2.05
1983	23.9	13.6	12.2	6.4	7.78	3.73	2.82	2.54	3.84	26.8	18.6	10.6	9.6	306	2.28	2.28
1984	6.0	6.1	7.4	13.3	6.61	2.93	1.96	1.00	1.03	11.3	6.5	6.7	5.9	83	0.679	0.679
1985	34.5	17.9	16.5	6.9	12.90	4.66	2.60	1.67	1.17	2.3	22.4	23.9	12.3	270	0.831	0.831
1986	31.8	16.2	24.8	6.0	5.46	9.09	2.37	1.90	2.16	1.3	10.1	15.3	10.5	270	1.04	1.04
1987	11.2	12.3	9.6	8.5	5.33	4.13	2.84	2.90	1.90	4.7	26.5	12.9	8.5	390	1.23	1.23
1988	15.6	9.2	10.9	12.2	4.43	2.55	3.23	2.15	1.18	6.3	21.4	27.5	9.7	263	1.02	1.02
1989	17.3	10.7	10.3	7.2	4.58	6.57	2.47	1.16	1.21	23.7	74.1	33.4	16.0	489	0.870	0.870
1990	9.5	21.6	5.4	7.1	3.62	3.32	3.91	4.76	3.04	1.4	25.8	18.5	8.9	292	1.52	1.52
1991	37.8	32.1	5.2	4.2	3.66	2.79	1.72	0.92	1.14	16.1	18.3	7.2	10.9	343	0.862	0.862
1992	10.3	8.3	19.4	11.9	11.60	7.25	4.53	2.98	1.98	3.5	7.2	26.6	9.9	394	0.536	0.536
1993	12.1	11.4	24.7	11.1	3.87	3.43	2.38	2.04	2.88	8.7	14.2	28.2	10.4	263	1.46	1.46
1994	18.9	25.2	13.6	5.8	3.8	2.6	2.5	4.4	3.2	28.5	70.4	35.0	17.7	443	1.81	1.81
1995																
Normal	21.0	16.7	14.0	10.6	9.20	6.35	3.66	2.82	3.65	16.0	23.1	24.1	12.6	334	1.49	1.45



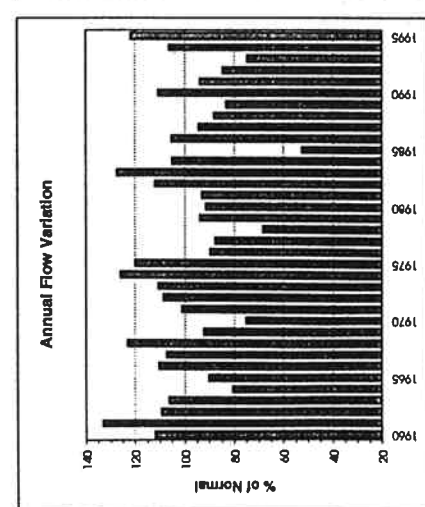
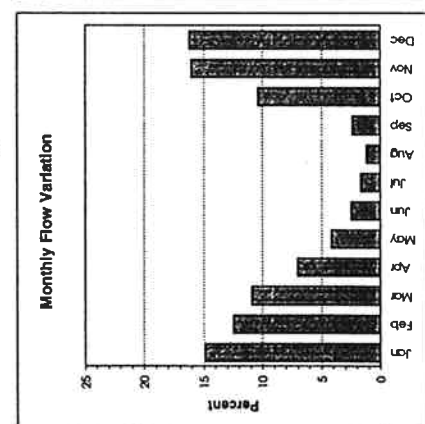
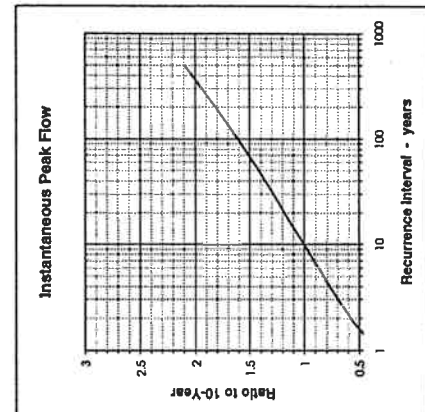
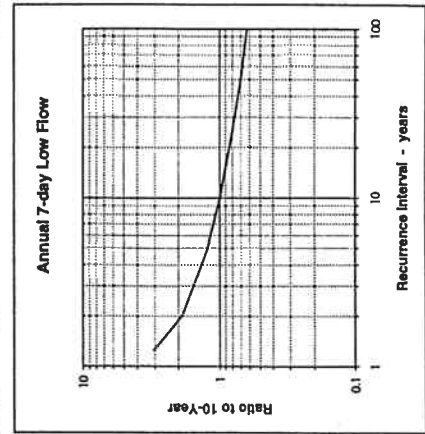
SAN JUAN RIVER NEAR PORT RENFREW 8HA010

Year	Monthly and Annual Discharge in m ³ /s												580 km ²	Drainage Area =	Median Elevation = 580 m												Instantaneous Peak Flow m ³ /s	7-Day Low Flow			Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	Annual	Jun-Sep	Annual												
1960	63.6	87.5	46.1	75.1	39.3	18.5	3.8	4.0	7.6	56.7	73.0	55.8	44.0	Jan 30	691	1.62	1.62	1960													
1961	184.0	174.0	83.5	45.5	29.4	7.2	2.8	3.7	6.7	57.9	69.3	118.0	64.6	Jan 15	1080	1.27	1.27	1961													
1962	80.9	32.2	23.2	52.1	35.3	12.6	3.3	7.7	5.9	67.2	143.0	126.0	49.2	Nov 24	1030	1.75	1.75	1962													
1963	52.3	107.0	37.6	41.1	23.3	3.3	6.0	2.1	2.1	84.7	142.0	110.0	50.5	Dec 23	1030	1.82	1.82	1963													
1964	131.0	64.8	66.0	29.7	13.9	20.5	13.9	6.4	19.5	40.4	57.8	52.1	45.7	Nov 30	680	3.50	3.50	1964													
1965	76.3	120.0	31.3	43.7	32.3	5.7	1.9	1.8	1.5	77.0	95.1	109.0	49.2	Feb 04	648	1.27	1.26	1965													
1966	134.0	57.1	74.0	47.7	24.6	13.4	7.7	2.5	4.5	56.1	82.3	190.0	58.1	Dec 18	736	1.39	1.39	1966													
1967	144.0	97.2	73.9	27.5	26.4	8.8	2.1	1.3	3.4	139.0	54.3	130.0	60.7	Dec 10	765	1.25	1.25	1967													
1968	166.0	114.0	74.7	37.5	15.7	6.6	5.6	5.4	24.1	83.1	88.3	106.0	60.7	Jan 19	1120	2.15	2.15	1968													
1969	42.7	40.5	76.8	86.1	45.1	14.4	6.6	5.2	31.2	31.8	46.4	83.5	42.5	Dec 12	479	4.16	4.16	1969													
1970	77.6	51.2	44.4	72.1	14.7	4.4	3.4	2.9	11.2	28.7	58.1	94.5	38.5	Jan 19	606	2.61	2.61	1970													
1971	102.0	78.8	78.0	50.3	47.2	25.7	17.7	4.5	12.4	49.6	94.1	49.4	49.7	Jan 19	606	3.26	3.26	1971													
1972	91.8	127.0	146.0	59.0	26.4	7.5	4.7	4.5	2.0	5.2	50.1	153.0	58.3	Dec 26	940	1.52	1.52	1972													
1973	107.0	37.5	16.2	60.1	22.5	17.0	4.7	3.4	3.2	35.4	92.5	147.0	43.6	Dec 16	790	1.70	1.70	1973													
1974	150.0	99.6	123.0	60.1	53.0	31.8	18.1	3.4	3.2	2.1	88.0	111.0	61.8	Jan 15	1140	1.42	1.42	1974													
1975	64.6	43.1	49.6	28.1	37.6	14.3	3.8	6.7	9.6	31.5	41.5	60.2	42.6	Dec 04	827	1.67	1.67	1975													
1976	93.5	50.0	79.9	36.9	20.2	13.0	4.6	3.2	10.4	40.2	131.0	104.0	44.4	Jan 27	558	4.34	4.34	1976													
1977	46.7	45.7	40.6	20.2	21.7	8.0	3.4	7.7	30.3	14.2	36.0	57.6	27.6	Nov 01	801	1.76	1.76	1977													
1978	17.3	117.0	69.8	28.6	17.3	5.4	6.5	2.3	19.0	44.7	27.5	72.6	44.5	Nov 07	606	2.02	2.02	1978													
1979	65.1	103.0	56.1	53.0	12.1	7.9	9.2	3.2	13.8	11.8	150.0	159.0	53.4	Dec 17	1100	1.93	1.93	1979													
1980	41.5	112.0	25.7	75.7	23.6	28.7	5.9	2.5	14.2	83.2	110.0	109.0	52.1	Dec 26	1160	2.55	2.55	1980													
1981	99.9	127.6	49.6	41.3	28.4	10.6	3.4	2.5	3.0	56.7	57.9	92.9	47.3	Oct 31	943	2.12	2.12	1981													
1982	111.0	150.0	72.3	25.1	11.0	11.6	31.6	4.9	8.9	15.3	171.0	33.0	52.2	Nov 15	984	3.08	3.08	1982													
1983	111.0	82.3	66.9	48.9	50.2	14.8	6.5	2.4	8.5	61.7	142.0	73.1	55.6	Jan 03	1070	2.01	2.01	1983													
1984	22.0	36.4	30.3	48.1	25.4	8.4	2.2	1.4	2.0	57.8	44.6	38.3	26.3	Nov 01	471	1.04	1.04	1984													
1985	116.0	73.8	77.2	25.9	22.9	17.3	5.6	1.7	2.3	8.8	93.1	88.6	47.9	Jan 18	946	1.32	1.32	1985													
1986	99.3	63.7	71.0	36.7	37.9	20.2	4.7	1.9	1.4	19.1	112.0	63.3	42.0	Dec 09	616	1.07	1.07	1986													
1987	60.0	56.7	60.3	65.6	37.9	19.5	4.8	2.2	4.8	25.9	88.6	68.7	39.1	Jan 14	763	1.71	1.71	1987													
1988	103.0	34.4	57.7	62.0	13.7	4.7	6.3	2.2	1.3	67.6	200.0	97.2	58.2	Dec 04	866	1.09	1.07	1988													
1989	59.8	116.0	82.3	35.8	13.0	23.7	4.4	2.4	2.5	37.4	92.2	87.4	48.8	Nov 23	1070	1.52	1.50	1989													
1990	91.9	198.0	12.6	38.8	15.9	4.8	3.0	37.5	13.1	3.4	20.2	87.4	58.2	Feb 04	1070	2.18	2.18	1990													
1991	153.0	74.6	17.5	45.1	10.1	3.2	1.9	2.5	8.3	37.4	72.1	50.1	39.5	Jan 23	755	1.71	1.71	1991													
1992	53.4	21.2	85.9	60.4	45.6	20.5	4.05	3.39	1.48	9.66	44.2	71.7	35.3	Mar 22	588	1.29	1.29	1992													
1993																		1993													
1994																		1994													
1995																		1995													
Normal	89.4	83.2	64.1	45.6	28.8	13.7	7.2	3.8	9.2	47.0	92.2	100.7	48.6	Average	836	2.00	1.99	m ³ /s													
mm	413	350	296	204	133	61	33	17	41	217	412	465	2642	10-Year	1120	1.19	1.16	m ³ /s													



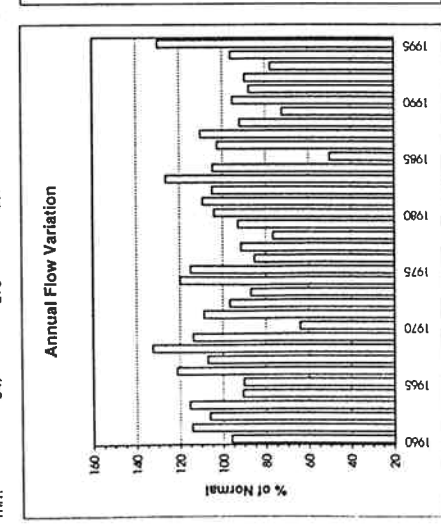
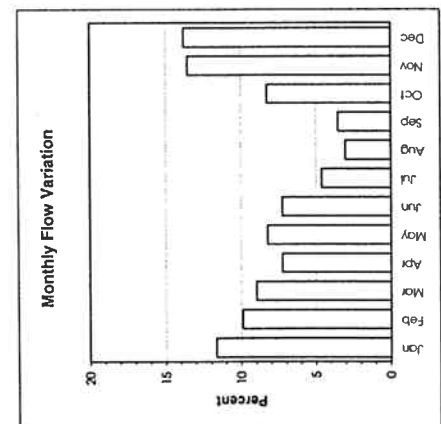
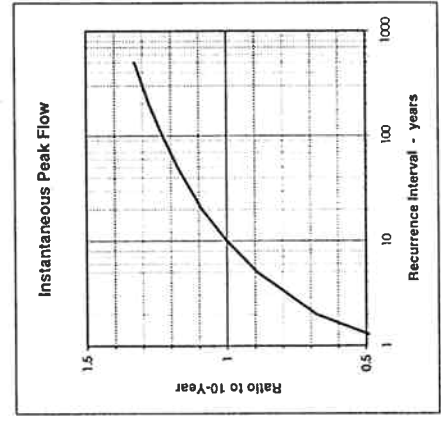
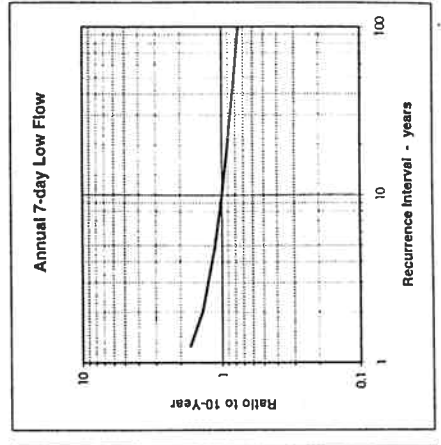
SARITA RIVER NEAR BAMFIELD 8HB014

Year	Monthly and Annual Discharge in m ³ /s												7-Day Low Flow	Annual	Year		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date
1960	46.2	30.0	16.3	32.6	15.4	9.7	1.0	1.8	6.4	26.7	45.5	32.7	22.1	Jan 29	963	0.370	1960
1961	106.0	55.8	34.6	18.6	12.0	4.6	1.7	0.8	5.6	20.9	22.5	33.9	26.3	Nov 15	919	0.576	1961
1962	19.3	17.8	10.3	24.7	10.2	8.3	2.9	7.6	3.6	25.1	71.8	58.3	21.6	Nov 19	761	1.020	1962
1963	5.9	52.8	28.7	16.7	9.4	1.1	3.9	3.5	1.5	46.4	50.5	34.4	21.0	Oct 21	846	0.461	1963
1964	40.2	17.9	26.4	12.9	9.0	6.5	11.8	9.4	11.3	14.3	16.6	16.6	16.0	Nov 30	206	1.590	1964
1965	31.9	27.9	8.8	17.8	10.8	2.0	0.7	1.3	0.9	32.7	35.7	44.0	17.8	Nov 01	285	0.449	1965
1966	52.7	20.0	31.3	9.7	5.3	5.9	3.5	2.2	5.6	24.2	39.7	60.9	21.8	Nov 28	384	1.120	1966
1967	65.8	24.4	28.9	9.8	6.1	2.3	1.1	0.6	4.2	69.2	23.4	47.8	21.2	Dec 09	354	0.458	1967
1968	64.8	34.3	33.4	14.3	6.3	4.9	3.9	6.1	10.6	38.3	38.0	24.3	24.3	Jan 13	508	1.530	1968
1969	12.9	19.5	20.0	26.7	15.0	4.1	1.4	3.3	27.5	17.4	30.4	41.6	18.3	Dec 22	451	0.482	1969
1970	23.0	15.0	16.5	22.2	4.2	10.9	3.4	1.3	5.5	17.8	32.9	38.5	14.9	Dec 07	266	0.631	1970
1971	31.1	29.3	30.4	17.2	13.2	9.9	3.4	2.7	5.5	29.8	57.5	11.3	20.0	Nov 08	407	1.200	1971
1972	33.2	41.7	41.4	27.2	6.4	1.5	11.1	1.1	4.7	3.0	29.1	57.8	21.5	Dec 25	403	0.824	1972
1973	56.7	28.4	22.0	7.3	11.1	14.6	1.6	0.6	0.9	23.2	34.0	61.8	21.9	Jan 15	464		1973
1974	46.4	46.2	52.7	23.1	15.7	8.5	6.5	2.8	3.0	9.1	42.1	43.8	24.9				1974
1975	28.5	18.2	22.2	9.7	11.2	5.8	3.4	13.4	4.1	50.6	67.5	49.2	23.7	Dec 08	188	1.350	1975
1976	40.8	34.6	28.2	16.6	13.6	7.3	6.3	4.0	5.0	12.2	15.7	29.2	17.8	Nov 14	317	0.825	1976
1977	13.3	31.5	26.6	13.5	10.6	6.3	1.8	2.6	5.8	25.5	42.2	29.9	17.4	Nov 07	289	0.881	1977
1978	20.3	18.2	22.0	12.2	8.2	4.4	1.1	11.3	21.4	9.0	14.0	20.6	13.5	Dec 17	380	1.750	1978
1979	6.6	49.9	21.9	13.3	11.5	6.6	10.2	1.9	12.9	19.2	11.9	58.7	18.5	Dec 26	486	1.050	1979
1980	18.0	33.1	17.3	20.5	3.6	2.6	6.3	1.2	8.7	6.7	48.8	51.4	18.1	Oct 31	440	0.659	1980
1981	12.5	31.1	8.2	22.6	5.4	7.7	2.0	0.8	7.6	35.0	44.3	45.2	22.1	Oct 24	335	0.699	1981
1982	40.8	48.7	17.4	20.5	7.7	2.2	1.8	1.0	2.2	48.2	28.2	48.4	22.1	Feb 11	448	1.100	1982
1983	62.3	65.9	37.4	9.9	5.5	7.0	12.4	2.1	3.3	12.1	70.0	18.4	25.2	Jan 04	439	2.030	1983
1984	41.6	35.6	21.4	15.1	10.8	2.9	2.7	20.8	3.4	40.8	52.2	21.3	20.8	Oct 19	162	0.330	1984
1985	5.9	17.2	14.8	19.3	7.9	2.4	0.6	0.5	2.9	27.0	12.7	14.1	10.4	Feb 24	388	0.396	1985
1986	48.3	31.1	36.9	19.6	21.1	7.1	3.4	0.8	1.6	7.5	35.4	37.6	20.8	Nov 24	316	0.342	1986
1987	48.2	29.1	34.9	15.9	14.4	16.8	1.5	0.4	0.6	0.6	26.1	18.6	18.6	Jan 14	312	0.393	1987
1988	27.1	23.3	26.7	23.5	17.7	8.4	2.0	1.4	2.4	7.7	47.2	22.9	17.4	Nov 09	493	0.477	1988
1989	31.8	23.2	20.7	19.0	2.2	2.1	5.7	1.4	0.6	21.1	45.7	24.6	16.5	Nov 10	441	0.543	1989
1990	34.3	35.9	21.2	7.1	7.1	14.5	2.1	1.0	0.9	32.6	72.1	38.5	21.9	Jan 19	467	0.791	1990
1991	30.5	54.7	7.8	14.8	7.2	2.2	1.6	24.2	3.6	0.9	37.6	40.5	18.5	Nov 30	407	0.349	1991
1992	69.3	32.4	5.9	16.3	3.3	1.2	0.7	1.0	4.6	22.2	24.7	19.6	16.7	Jan 30	347	0.681	1992
1993	22.0	7.7	28.9	29.3	14.8	7.8	1.6	1.9	0.9	5.5	14.3	41.7	14.8	Dec 19	442	0.692	1993
1994	34.2	42.4	40.3	10.3	3.8	10.9	2.0	0.8	2.2	14.2	40.7	51.6	21.0	Nov 17	482	0.631	1994
1995	40.1	38.5	33.0	11.4	2.1	2.9	1.0	1.5	0.0	27.6	83.2	49.1	24.1	Average	435	0.816	1995
Normd	34.7	31.9	25.4	16.9	9.7	6.0	3.9	2.8	5.8	24.2	38.7	37.8	19.8	10-Year	678	0.377	0.367



SOMASS RIVER NEAR ALBERNI 8HB017

Year	Monthly and Annual Discharge in m3/s												7-Day Low Flow	Annual	Year				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date	m3/s	Jun-Sep
1960	82	184	78	177	139	126	68.1	37.6	34.6	112	173	188	116	Dec 13	647	30.1	30.1	1960	
1961	360	292	174	129	154	113	57.1	38.8	40.2	75	109	127	138	Jan 15	1150	34.3	34.3	1961	
1962	176	85	88	85	88	78	48.9	47.2	39.2	169	252	372	128	Dec 15	1176	33.4	33.4	1962	
1963	151	293	128	117	102	59	46.8	33.7	33.7	209	279	238	140	Feb 06	1124	24.1	24.1	1963	
1964	223	114	81	73	105	161	112.0	54.0	55.6	88	102	147	110	Jan 01	572	40.9	40.9	1964	
1965	65	135	76	78	93	62	34.5	33.4	32.7	207	229	266	109	Oct 21	693	42.2	42.2	1965	
1966	209	151	133	160	106	118	83.5	46.4	71.1	112	217	352	147	Dec 19	550	37.7	37.7	1966	
1967	195	145	96	71	120	132	60.3	40.5	38.9	286	172	193	129	Oct 11	1062	37.7	37.7	1967	
1968	401	193	191	72	109	89	61.5	42.5	54.5	225	273	208	160	Jan 20	714	40.6	40.6	1968	
1969	80	98	104	187	235	207	67.7	45.3	95.4	134	198	198	137			33.8	33.8	1969	
1970	107	113	54	89	78	72	44.5	41.2	41.2	113	113	113	77	Nov 10	643	38.6	38.6	1970	
1971	130	189	103	96	199	164	116.0	72.3	83.9	97	248	220	117	Mar 18	716	50.7	46.7	1971	
1972	65	108	253	138	130	131	105.0	47.8	51.5	48	103	220	105			31.3	31.3	1972	
1973	194	79	101	66	129	100	52.0	46.1	41.0	61	129	256	105	Jan 16	1020	29.3	29.3	1973	
1974	228	150	180	179	143	123	129.0	75.6	67.8	214	501	180	139	Nov 05	311	45.6	45.6	1974	
1975	102	118	85	102	108	127	64.7	57.9	53.0	46	119	139	103	Dec 27	504	29.3	29.3	1975	
1976	146	118	113	108	88	84	36.3	31.1	52.1	115	253	207	93	Nov 14	286	33.2	33.2	1976	
1977	99	125	131	89	81	70	45.3	63.8	121.0	122	95	75	112	Feb 08	702	39.3	39.3	1977	
1978	131	138	129	89	126	66	76.8	42.6	114.0	115	115	285	126	Dec 19	981	41.2	41.2	1978	
1979	49	113	151	82	88	66	62.4	47.1	47.1	60	223	204	132	Dec 27	780	32.6	32.6	1979	
1980	143	162	144	131	88	62	46.5	33.0	53.4	157	329	226	127	Oct 26	829	40.6	40.6	1980	
1981	237	203	81	102	84	62	73.7	50.7	44.9	217	172	226	153	Nov 15	780	40.1	40.1	1981	
1982	92	174	112	82	118	161	112	37.9	49.3	78	327	174	126	Oct 09	612	24.5	24.5	1982	
1983	285	354	220	98	117	98	67.0	31.9	26.6	225	174	120	61	Oct 22	266	27.0	27.0	1983	
1984	172	180	160	116	87	62	31.7	26.7	26.6	95	80	247	124	Jan 19	658	22.3	22.3	1984	
1985	56	50	50	99	87	62	31.7	26.7	26.6	95	80	247	124	Mar 05	758	26.6	26.6	1985	
1986	258	159	214	106	124	102	47.3	27.4	27.5	36	138	247	106	Nov 05	513	17.9	17.9	1986	
1987	284	270	224	106	124	133	55.4	28.4	28.8	41	247	133	111	Dec 04	455	26.2	26.2	1987	
1988	120	123	108	151	160	123	64.1	38.7	22.0	83	125	149	87	Nov 12	802	26.1	26.1	1988	
1989	99	81	98	155	92	69	50.5	25.4	31.1	97	382	225	115	Feb 04	795	21.7	21.7	1989	
1990	131	122	91	88	62	86	39.4	29.1	78.4	39	169	221	106	Jan 30	875	25.2	25.2	1990	
1991	110	322	52	67	73	43	30.4	86.0	23.3	104	149	91	94	Mar 02	838	28.6	28.6	1991	
1992	336	312	79	82	50	30	28.8	24.1	28.0	31	53	188	94			722	32.8	32.8	1992
1993	80	110	156	156	167	89	36.1	32.6	32.6	61	162	312	157			23.5	23.4	1993	
1994	179	137	235	114	68	75	37.4	26.6	32.6	129	345	411	2978			1049	23.4	23.4	1994
1995	229	276	189	99	113	89	51	35	26	117	199	196	121			23.5	23.4	1995	
Norma	166	155	128	107	117	107	65.6	43.1	51.8	246	403	411	2978	Average	722	33.5	32.8	m3/s	
mm	347	295	267	216	245	216	137	90	105	246	403	411	2978	10-Year	1049	23.5	23.4	m3/s	



SPROAT RIVER NEAR ALBERNI 8HB008

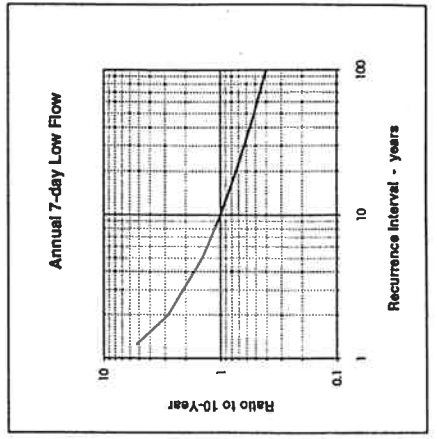
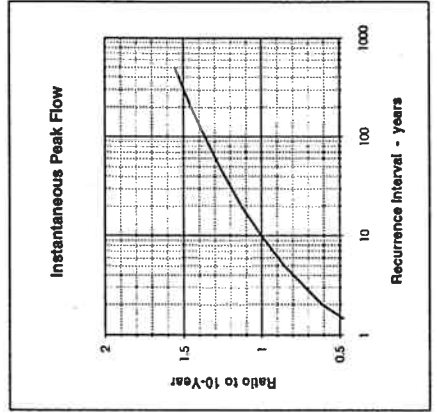
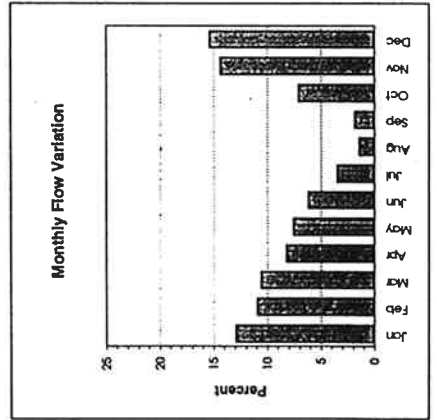
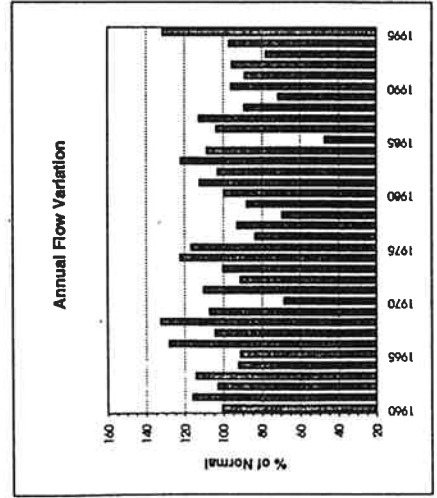
Monthly and Annual Discharge in m³/s

347 km²

Median Elevation = 430 m

7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Date	m ³ /s	Annual	Year	
1960	27.4	73.1	24.9	61.1	45.3	35.9	14.6	6.53	5.44	31.7	60.9	68.8	37.7	Dec 13	151	4.92	1960	
1961	117.0	100.0	64.7	44.5	41.3	27.7	13.0	4.54	5.20	19.7	38.0	50.0	43.5	Jan 15	308	2.20	1961	
1962	60.8	37.8	16.9	30.8	35.0	21.0	10.7	4.78	5.77	47.8	73.1	114.0	38.6	Dec 16	208	2.73	1962	
1963	54.3	90.7	46.2	42.0	31.3	12.7	7.7	4.60	1.78	55.9	91.3	80.2	42.9	Feb 06	227	1.31	1963	
1964	79.3	43.4	29.8	28.4	28.9	41.0	28.5	16.10	9.14	28.3	34.9	50.0	34.6	Jan 01	151	5.99	1964	
1965	22.3	45.9	30.1	29.3	30.3	15.1	5.5	2.25	2.35	61.4	75.4	90.7	50.7	Dec 05	158	1.91	1965	
1966	71.3	58.0	50.5	49.9	29.6	25.9	19.9	7.91	11.60	82.2	67.8	156.0	48.0	Dec 19	285	4.94	1966	
1967	67.2	51.5	41.1	26.5	27.1	32.5	13.5	3.52	4.89	82.2	57.8	61.1	39.1	Oct 13	158	2.56	1967	
1968	128.0	61.6	63.8	29.6	26.0	22.7	13.9	5.67	11.00	65.6	93.0	73.6	49.6	Jan 20	374	3.69	1968	
1969	28.6	28.0	35.4	65.1	59.7	18.3	18.3	5.17	21.70	65.6	55.9	40.2	40.2	May 29	108	3.13	1969	
1970	37.6	40.8	34.1	39.3	22.4	16.1	6.3	3.34	3.57	18.4	43.1	44.6	25.7	Nov 12	70	2.54	1970	
1971	46.4	65.2	39.7	38.7	55.5	42.7	32.1	17.20	23.50	29.0	77.1	31.0	41.3	Nov 10	163	12.1	1971	
1972	19.9	37.0	90.0	51.4	35.2	31.5	25.3	8.02	8.13	7.3	36.4	59.9	34.2	Mar 19	174	4.04	1972	
1973	90.1	38.7	43.5	20.2	32.5	35.9	16.4	3.27	16.0	101.0	47.5	101.0	37.6	Dec 16	188	2.93	1973	
1974	80.4	58.6	62.7	66.7	40.5	46.7	36.1	15.80	7.21	6.1	48.9	80.7	45.8	Jan 17	217	5.91	1974	
1975	35.4	18.2	36.2	23.5	37.4	34.6	16.1	10.80	19.20	64.2	170.0	59.2	43.7	Nov 15	299	6.15	1975	
1976	51.0	46.7	33.0	34.7	39.2	35.3	28.9	12.50	8.66	8.2	33.6	44.8	31.3	Jan 01	82	6.82	1976	
1977	35.0	49.8	47.3	33.4	28.2	23.5	5.9	1.05	6.78	31.7	88.3	69.0	34.8	Nov 02	144	0.400	1977	
1978	45.6	45.7	43.2	31.2	19.6	15.1	4.4	7.38	33.10	20.6	26.7	20.8	32.9	Feb 09	72	0.472	1978	
1979	11.6	40.2	61.9	26.4	32.4	14.1	16.4	3.50	31.60	29.7	39.7	86.8	37.3	Dec 21	177	1.95	1979	
1980	53.3	51.4	53.3	41.3	25.0	11.8	12.2	2.48	3.39	13.7	74.5	105.0	37.3	Dec 27	376	1.51	1980	
1981	79.7	66.9	31.9	37.1	27.3	16.5	9.8	3.20	10.30	48.4	104.0	73.1	42.1	Nov 01	166	2.01	1981	
1982	31.0	60.1	41.7	26.7	33.7	38.5	19.1	6.54	4.61	60.7	66.0	75.3	38.5	Oct 26	245	4.37	1982	
1983	87.3	117.0	79.8	34.3	22.4	24.3	21.6	7.99	5.54	105.0	105.0	35.9	45.7	Nov 17	209	4.90	1983	
1984	57.6	58.5	58.7	46.1	38.6	28.6	15.7	5.72	4.67	73.4	58.5	43.5	40.8	Oct 10	174	4.22	1984	
1985	14.0	16.6	16.6	35.5	28.0	17.8	5.1	1.65	1.27	20.9	29.2	26.1	17.7	Oct 23	62	1.16	1985	
1986	88.8	55.1	66.4	36.9	38.2	32.2	11.2	2.60	1.53	3.2	42.9	85.7	38.8	Jan 19	190	1.44	1986	
1987	97.5	90.8	80.3	35.8	34.6	38.6	11.0	2.47	1.52	39.2	39.2	77.1	42.3	Jan 12	184	1.25	1987	
1988	39.5	45.9	36.7	47.0	45.6	37.8	13.8	4.36	1.78	6.2	79.3	44.3	33.4	Nov 05	121	1.46	1988	
1989	34.8	25.2	49.1	49.1	29.8	16.9	12.7	3.34	1.41	17.9	46.3	61.0	26.7	Dec 04	103	1.24	1989	
1990	46.0	29.3	29.3	29.1	18.8	25.3	9.0	2.76	2.10	27.0	120.0	79.0	35.9	Dec 04	215	1.89	1990	
1991	38.0	114.0	20.8	23.1	21.9	9.0	4.9	21.50	26.40	5.1	52.8	68.8	33.3	Feb 05	308	3.92	1991	
1992	109.0	120.0	33.5	23.1	18.7	5.3	2.7	2.00	2.58	27.1	56.1	33.1	35.8	Feb 03	302	1.58	1992	
1993	19.9	47.5	53.3	52.6	50.8	26.2	6.9	3.04	1.86	2.9	15.7	75.1	29.1	Dec 14	207	1.03	1993	
1994	68.9	41.3	80.7	34.0	18.1	21.3	1.90	2.68	10.2	10.2	50.8	90.8	36.3	Mar 02	205	0.814	1994	
1995	75.6	91.1	65.4	35.5	24.0	19.9	8.5	3.55	1.65	34.1	122.0	113.0	49.3	Feb 01	176	1.02	1995	
Normal	57.0	53.0	46.6	37.7	33.4	28.1	15.3	6.19	8.55	31.2	65.4	67.8	37.4	Average	193	3.07	2.94	m ³ /s
	440	373	360	281	257	210	118	48	64	241	489	524	3404	10-Year	303	0.869	0.831	m ³ /s



STAMP RIVER NEAR GREAT CENTRAL 8HB009

7-Day Low Flow

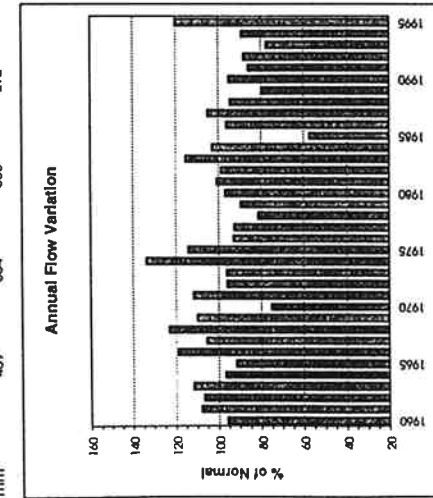
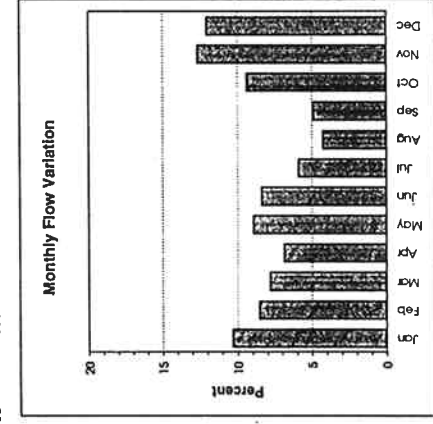
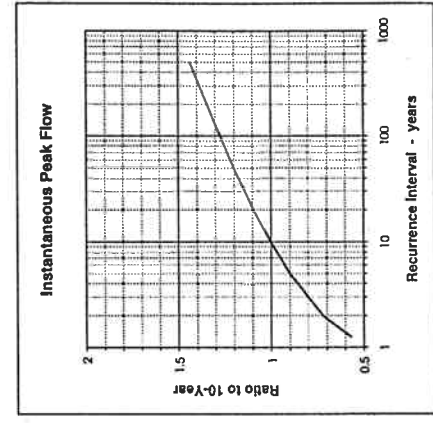
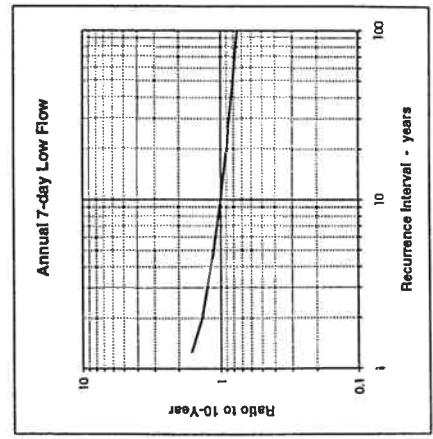
Instantaneous Peak Flow

Median Elevation = 536 m

456 km²

Drainage Area =
Monthly and Annual Discharge in m³/s

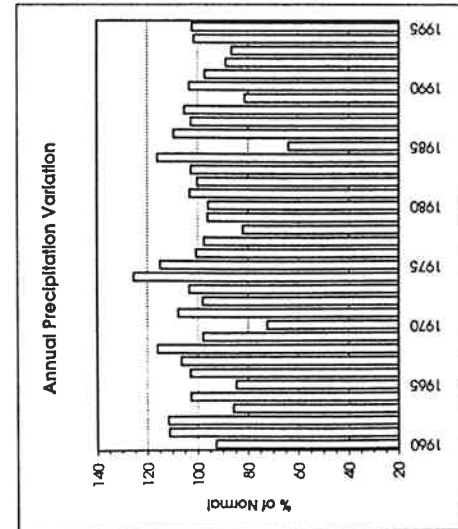
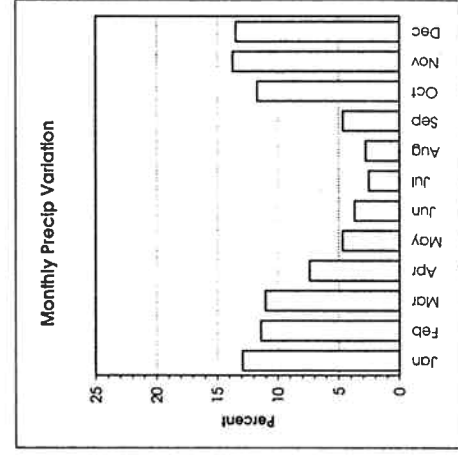
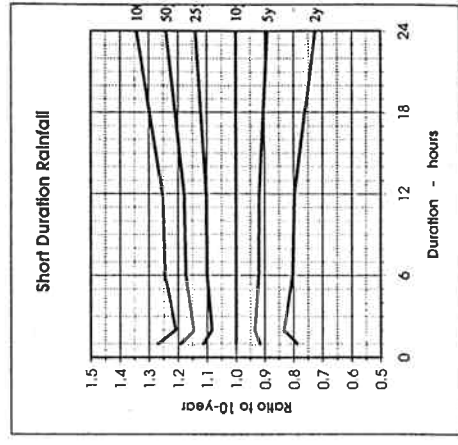
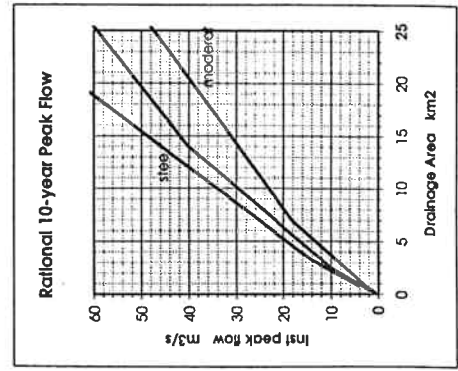
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m ³ /s	Jun-Sep	Annual	Year
1960	37.7	80.2	39.0	82.3	60.3	72.6	44.2	29.0	26.5	72.5	81.8	85.9	59.1	Oct 26	198	22.9	22.6	1960
1961	146.0	112.0	71.0	62.1	78.1	59.6	36.6	32.8	30.3	51.7	61.6	58.3	66.4	Jan 15	371	25.0	24.8	1961
1962	83.1	69.8	30.1	45.6	46.5	49.5	34.4	49.5	29.0	109.0	154.0	154.0	65.8	Dec 16	269	24.4	23.2	1962
1963	69.0	112.0	53.2	56.9	55.4	42.2	36.2	23.8	29.3	116.0	127.0	107.0	68.7	Feb 06	331	19.0	17.1	1963
1964	98.1	54.8	35.3	35.2	58.5	90.7	69.3	33.7	43.9	63.7	58.1	72.5	59.5	Jan 03	188	28.1	27.0	1964
1965	30.5	66.3	35.9	37.7	54.8	42.4	26.1	26.3	27.4	113.0	103.0	114.0	56.4	Oct 21	193	22.1	22.1	1965
1966	84.9	63.6	32.9	34.5	54.4	71.2	48.9	33.1	51.8	182.0	101.0	132.0	73.2	Dec 19	311	31.2	31.2	1966
1967	86.0	67.3	42.9	31.5	73.6	37.9	37.9	30.1	48.9	147.0	84.4	83.8	64.9	Oct 08	292	28.7	23.8	1967
1968	157.0	81.5	83.5	30.3	62.0	53.9	40.1	30.9	38.5	118.0	118.0	94.8	75.8	Jan 21	360	28.3	22.0	1968
1969	44.1	44.7	39.6	81.5	116.0	106.0	41.6	32.8	60.7	71.0	86.5	87.5	67.7	May 29	183	30.5	27.1	1969
1970	51.4	61.1	26.6	53.4	53.4	53.4	34.5	29.3	33.6	50.2	61.6	51.4	46.2	Apr 05	177	28.3	18.0	1970
1971	63.0	89.5	47.6	46.3	102.0	94.2	70.4	44.6	57.2	57.3	114.0	41.9	68.7	Nov 10	224	34.6	31.8	1971
1972	32.3	47.1	110.0	61.4	72.2	74.0	65.3	31.6	31.8	35.2	63.6	83.8	59.1	Mar 19	227	24.3	24.0	1972
1973	103.0	47.5	51.2	39.2	73.3	61.5	40.4	34.7	33.6	38.6	71.5	115.0	59.3	Dec 16	206	30.7	30.7	1973
1974	98.5	84.5	157.0	85.5	70.3	75.2	43.6	36.7	47.6	108.0	203.0	84.6	70.3	Jan 16	261	37.1	29.0	1974
1975	54.1	46.9	30.5	52.6	81.6	73.4	62.1	38.3	36.0	45.7	76.8	80.5	57.1	Nov 05	408	19.8	19.8	1975
1976	74.9	46.9	30.5	52.6	81.6	73.4	62.1	38.3	36.0	45.7	76.8	80.5	57.1	Jan 01	147	31.0	23.2	1976
1977	55.4	46.4	61.0	58.5	50.6	51.2	24.1	24.2	36.7	45.7	115.0	93.1	57.0	Nov 01	225	22.9	22.3	1977
1978	60.3	63.4	54.8	41.1	49.6	43.1	30.7	47.4	73.5	60.9	55.2	119.0	59.6	Dec 27	237	25.6	23.7	1978
1979	26.4	42.0	62.7	39.8	71.1	38.8	49.0	27.0	68.9	60.9	55.2	136.0	59.6	Dec 19	257	25.6	28.2	1979
1980	62.3	65.6	58.9	60.0	46.1	42.3	38.5	30.1	33.6	35.9	106.0	81.2	62.0	Nov 01	249	19.9	19.9	1980
1981	107.0	86.6	35.4	46.1	43.9	37.4	26.9	22.4	34.4	86.1	139.0	81.2	60.7	Oct 26	354	24.4	24.4	1981
1982	43.0	74.5	45.6	36.3	60.7	84.4	43.8	32.4	27.6	105.0	80.4	95.8	67.4	Nov 17	256	22.5	22.5	1982
1983	119.0	132.0	86.0	44.8	58.8	67.1	52.0	29.5	35.2	53.5	143.0	37.4	63.3	Oct 10	319	22.2	22.2	1983
1984	79.9	79.0	71.2	55.9	60.2	57.0	44.6	27.2	36.9	114.0	80.5	53.0	35.4	Oct 22	167	17.7	17.3	1984
1985	23.6	29.7	24.2	51.1	51.7	40.7	23.5	20.3	20.6	42.8	42.6	33.6	35.4	May 26	273	18.0	18.0	1985
1986	112.0	65.7	90.1	36.1	75.3	55.2	32.7	20.3	21.3	26.0	75.4	99.6	59.2	Mar 05	276	18.1	18.1	1986
1987	108.0	108.0	89.4	53.6	68.1	79.0	40.3	22.6	22.8	22.0	80.2	85.7	64.7	Mar 06	220	21.5	16.6	1987
1988	57.0	59.7	47.0	68.8	82.3	66.5	45.3	31.6	23.3	31.0	121.0	66.1	49.0	Dec 04	161	13.5	13.5	1988
1989	48.1	40.4	41.2	75.5	50.4	49.3	36.4	19.5	18.0	59.1	76.0	73.9	58.5	Nov 12	328	22.4	21.3	1989
1990	65.1	55.7	42.2	47.0	39.7	52.6	28.3	25.1	26.2	58.0	171.0	92.4	58.5	Aug 30	306	15.8	13.3	1990
1991	52.2	135.0	19.7	30.5	47.6	28.5	20.0	44.0	44.0	89.4	89.4	74.2	54.2	Feb 03	327	16.0	14.8	1991
1992	130.0	130.0	39.5	55.2	28.8	25.4	21.7	18.5	22.7	22.8	30.6	89.0	47.8	Mar 23	167	20.5	17.4	1992
1993	42.5	54.2	65.8	64.5	83.7	48.2	23.7	25.2	22.7	37.2	73.9	113.0	54.8	Mar 02	281	17.6	17.1	1993
1994	81.8	59.9	86.1	54.2	40.2	47.4	25.2	18.9	19.6	85.0	151.0	122.0	73.9	Nov 18	344	17.8	17.8	1994
1995	90.8	115.0	78.2	46.7	64.7	56.1	35.0	25.8	19.7	67.9	94.9	87.4	61.5	Average	262	23.7	22.0	1995
Normal	74.8	68.0	56.6	51.4	64.7	62.7	42.8	30.9	36.6	67.9	94.9	87.4	61.5	10-Year	355	17.0	16.1	m ³ /s
mm	439	364	333	292	380	356	251	181	208	399	540	513	4257	10-Year	355	17.0	16.1	m ³ /s



Tofino A 1038205

location: 49-05, 125-46, 18 m

Year	Monthly and Annual Precipitation in mm												Short Duration Rainfall							Year	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	24h	12h	6h	2h		1h
1960	422	322	242	342	219	66	21	122	139	500	414	242	3051	Dec	84	127	78	58	32	20	1960
1961	529	849	401	238	141	123	35	86	122	419	307	412	3661	Oct	113	127	97	72	35	20	1961
1962	453	143	199	418	75	103	24	260	118	486	722	672	3672	Jan	174	150	82	51	23	12	1962
1963	103	340	273	168	80	63	128	18	115	566	537	444	2823	Dec	116	128	79	50	29	22	1963
1964	556	341	373	275	132	120	314	116	259	272	260	3375	Nov	82	140	101	62	29	22	1964	
1965	363	407	65	167	103	28	16	90	39	569	514	426	2786	Nov	138	165	95	71	31	19	1965
1966	650	249	407	80	81	119	45	117	201	387	359	688	3383	Dec	120	103	77	48	24	21	1966
1967	581	468	340	115	98	11	68	16	185	848	261	511	3501	Oct	154	103	77	48	24	21	1967
1968	608	236	418	230	102	154	73	165	269	724	460	386	3813	Oct	116	103	77	48	24	21	1968
1969	302	273	453	409	135	28	46	138	248	290	541	356	3219	Mar	170	128	79	50	29	22	1969
1970	244	137	222	320	129	191	85	41	208	201	289	472	2380	Dec	61	86	78	58	32	20	1970
1971	560	326	475	237	78	191	53	107	209	503	496	309	3543	Jan	127	127	97	72	35	20	1971
1972	319	392	712	326	63	114	180	27	150	66	391	481	3221	Mar	108	150	82	51	23	12	1972
1973	639	261	338	104	239	186	72	29	100	392	449	589	3398	Jan	129	128	79	50	29	22	1973
1974	461	720	666	299	321	127	127	18	91	148	487	665	4128	Feb	143	140	101	62	29	22	1974
1975	391	264	292	153	174	123	6	349	20	717	765	526	3779	Nov	155	165	95	71	31	19	1975
1976	455	400	476	205	282	154	148	178	115	339	191	369	3311	Dec	86	103	77	48	24	21	1976
1977	214	445	424	245	224	101	97	76	122	351	524	382	3203	Dec	91	100	77	48	24	21	1977
1978	277	234	317	144	163	76	7	267	334	190	352	702	2699	Nov	111	160	99	60	25	16	1978
1979	180	554	254	157	153	104	144	56	284	310	261	702	3158	Dec	135	209	125	85	34	18	1979
1980	224	292	327	233	99	85	125	90	215	204	516	738	3149	Dec	131	142	96	61	27	18	1980
1981	186	378	320	481	152	270	43	75	308	337	480	365	3393	Apr	126	119	81	68	34	20	1981
1982	548	701	172	204	57	68	60	57	128	469	430	395	3293	Feb	184	109	76	58	27	14	1982
1983	615	520	434	104	75	179	229	88	108	304	532	187	3375	Mar	93	108	80	57	28	16	1983
1984	567	529	294	407	238	181	30	82	166	464	484	373	3816	Jan	107	108	80	57	28	16	1984
1985	108	233	310	225	88	49	21	38	68	602	144	212	2100	Oct	64	71	57	42	28	17	1985
1986	605	289	472	348	367	166	84	19	130	162	474	487	3400	Feb	140	140	85	63	32	16	1986
1987	606	391	440	289	217	217	41	12	98	137	430	369	3374	Jan	114	137	88	59	23	13	1987
1988	439	361	408	250	319	86	43	27	188	324	626	388	3468	Feb	77	105	71	55	24	13	1988
1989	502	148	324	225	83	179	116	43	8	244	531	273	2675	Nov	86	102	72	50	26	14	1989
1990	476	351	272	182	98	213	22	60	25	542	640	515	3396	Dec	103	147	92	59	30	16	1990
1991	361	436	186	243	149	69	87	351	5	55	650	602	3193	Nov	120	147	92	59	30	16	1991
1992	757	297	57	252	59	66	9	72	171	427	415	338	2919	Oct	148	137	88	59	23	13	1992
1993	435	75	445	393	273	126	35	158	3	157	236	507	2844	Jan	161	137	88	59	23	13	1993
1994	317	510	229	209	157	197	12	38	197	296	643	529	3334	Feb	116	102	72	50	26	14	1994
1995	394	351	285	195	52	97	71	69	82	542	787	435	3361	Jan	96	147	92	59	30	16	1995
normal	425	374	363	243	155	122	83	91	154	385	452	443	3289	average	119	127	85	60	29	17	average
excess	406	353	331	201	87	34	0	0	58	341	432	422	2664	10-year	168	168	104	72.3	33.6	21.6	10-year



TSITIKA RIVER BELOW CATHERINE CREEK 8HF004

Monthly and Annual Discharge in m³/s

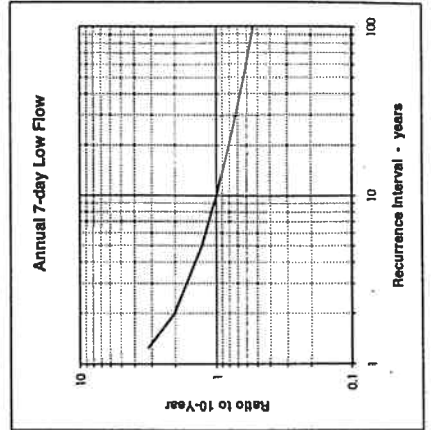
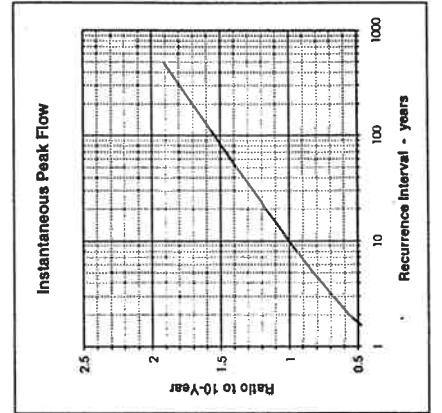
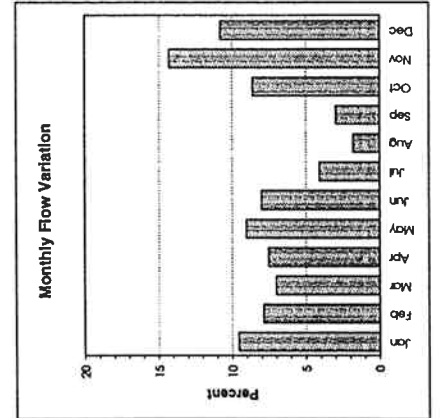
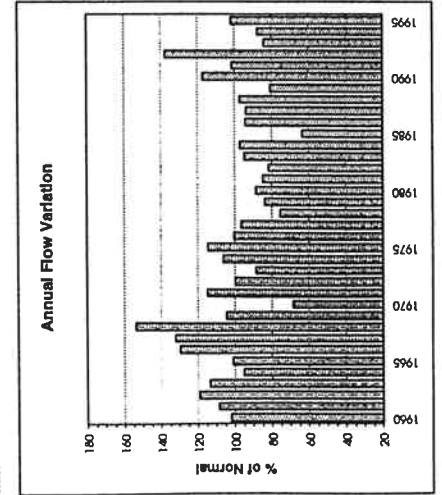
359 km²

Median Elevation = 773 m

Instantaneous Peak Flow

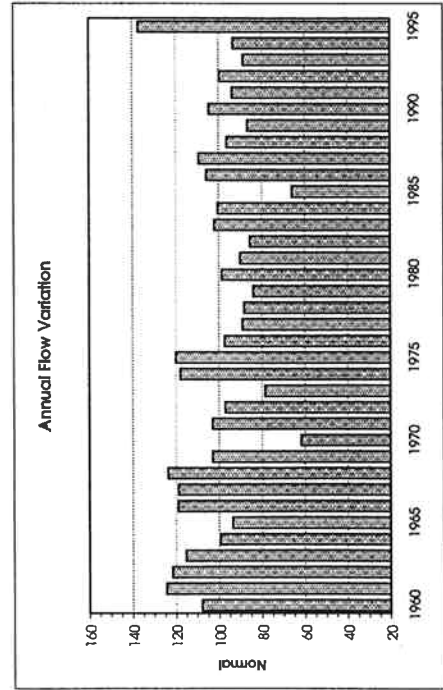
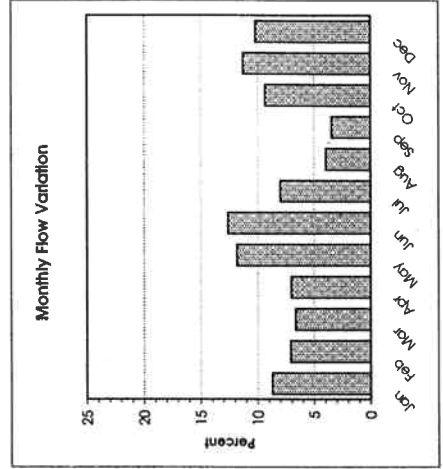
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m ³ /s	Annual	Year
1960	18.5	9.3	11.5	13.5	33.9	31.6	13.9	10.30	4.05	28.8	102.0	38.4	26.3	Nov 13	1010	2.50	1975
1961	22.9	15.3	13.2	20.6	28.0	44.0	18.6	12.80	9.32	13.4	24.3	53.9	23.1	Dec 15	583	4.38	1976
1962	13.3	35.2	25.3	31.8	19.6	17.4	12.0	3.55	5.63	31.1	44.4	28.6	22.2	Oct 23	541	2.93	1977
1963	17.2	18.5	26.7	13.8	15.5	21.1	6.2	7.56	19.80	23.1	30.3	9.6	17.4	Mar 18	470	2.49	1978
1964	17.2	18.5	26.7	13.8	15.5	21.1	6.2	7.56	19.80	23.1	30.3	9.6	17.4	Dec 17	295	2.32	1979
1965	17.2	18.5	26.7	13.8	15.5	21.1	6.2	7.56	19.80	23.1	30.3	9.6	17.4	Dec 10	348	3.02	1980
1966	15.4	21.2	15.5	23.4	21.5	15.7	12.0	4.35	18.70	9.2	38.5	49.4	20.4	Dec 10	348	3.02	1980
1967	27.1	30.1	9.5	24.0	22.4	15.2	4.8	1.99	11.50	36.2	31.4	20.7	18.8	Oct 31	191	1.32	1981
1968	20.3	27.7	11.1	11.5	30.8	34.7	13.9	3.91	5.25	31.3	17.5	18.7	21.8	Feb 11	373	3.04	1983
1969	43.2	40.5	20.2	15.8	20.0	18.2	18.6	5.11	8.03	22.3	40.9	10.2	22.4	Jan 04	347	4.35	1984
1970	40.5	30.9	19.0	15.9	20.2	20.6	14.5	5.39	14.40	37.0	24.5	16.0	22.4	Apr 01	160	0.972	1985
1971	21.1	14.8	9.1	25.7	27.3	16.1	5.2	1.89	1.49	28.2	13.0	10.8	14.6	Jan 18	409	1.00	1986
1972	42.3	24.6	29.7	15.7	29.2	20.6	9.2	2.24	2.24	6.0	42.2	35.9	21.6	Jan 11	447	1.58	1987
1973	41.1	33.6	27.9	22.7	22.3	30.4	9.9	2.73	5.93	4.0	35.7	24.4	21.6	Nov 05	269	2.32	1988
1974	33.6	30.6	24.2	29.9	22.7	7.83	14.9	7.83	6.05	15.6	38.9	23.1	22.4	Nov 09	477	1.07	1989
1975	21.5	30.6	24.2	29.9	22.6	14.8	6.2	3.07	1.31	19.0	49.2	32.0	18.6	Nov 23	873	0.892	1990
1976	26.6	8.5	10.0	22.8	16.4	14.1	5.7	1.77	1.72	48.0	95.3	51.2	27.0	Nov 09	477	1.07	1989
1977	29.5	18.3	18.8	22.8	16.4	14.1	8.1	14.60	2.99	1.8	56.1	71.3	23.3	Nov 19	337	-1.06	1991
1978	22.6	57.6	6.3	12.8	15.9	12.6	8.1	14.60	2.99	1.8	56.1	71.3	23.3	Oct 23	702	1.16	1992
1979	22.0	67.1	13.9	27.0	18.2	10.8	3.5	1.82	7.06	53.5	27.3	16.9	31.7	Dec 03	722	2.21	1993
1980	15.5	18.6	35.9	17.9	30.6	18.5	6.6	7.78	2.62	7.4	27.3	42.7	19.3	Dec 22	430	1.68	1994
1981	24.7	17.7	39.4	25.6	13.9	12.3	5.0	2.33	5.27	27.2	65.9	19.4	23.4	Nov 08	660	2.67	1995
1982	17.5	22.1	14.5	14.9	24.2	14.1	9.9	10.3	4.4	63.6	65.9	19.4	23.4	Average	475	2.16	2005
Normal	25.9	23.5	19.0	21.1	24.5	22.4	11.1	4.84	8.21	23.4	40.0	29.2	23.0	10-Year	773	0.980	2022



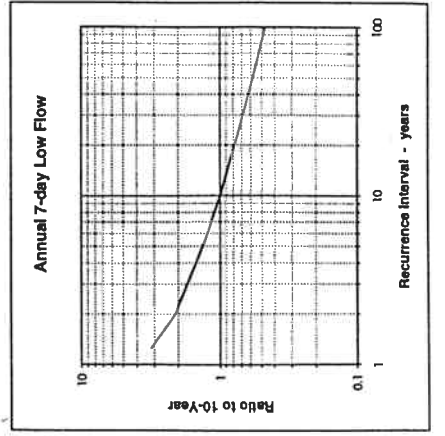
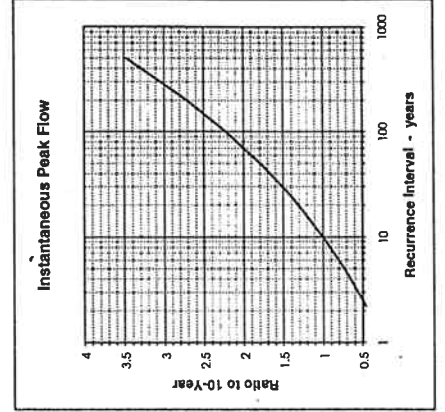
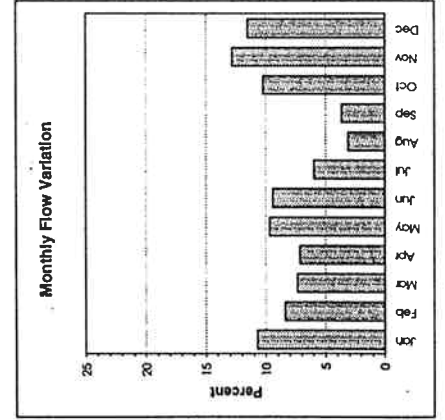
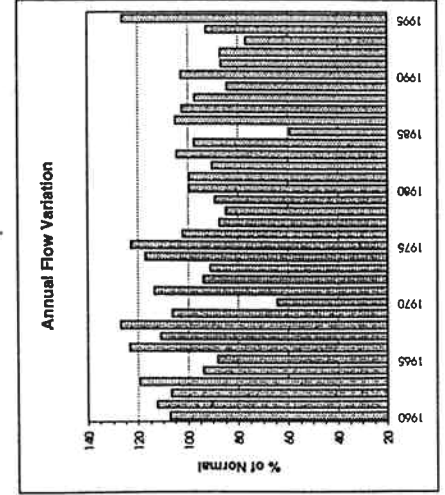
Upper Campbell Lake Inflow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	% of Normal	Year
1960	37.1	70.2	53.5	110.4	117.8	145.3	92.3	40.5	35.1	125.2	88.6	92.6	84.0	108	1960
1961	201.1	144.1	76.7	91.8	132.8	147.5	91.8	41.1	29.7	72.8	66.8	68.3	96.8	124	1961
1962	127.7	92.9	28.6	87.8	77.0	91.8	49.3	49.3	26.6	121.2	168.5	216.1	94.8	122	1962
1963	64.3	174.7	60.6	50.1	90.9	85.5	62.0	30.6	20.7	166.8	125.5	150.7	89.7	115	1963
1964	76.7	58.3	42.5	57.5	92.9	199.6	126.3	53.8	45.0	73.9	69.7	77.3	73.9	99	1964
1965	55.2	76.2	82.7	60.0	82.4	74.8	41.1	26.1	10.8	169.4	111.9	112.7	72.8	94	1965
1966	77.3	44.7	81.0	92.9	107.6	122.9	104.2	41.9	41.3	102.2	102.5	186.9	92.5	119	1966
1967	86.4	66.0	41.6	27.2	47.2	131.1	74.5	33.4	32.6	195.4	91.2	144.4	92.5	119	1967
1968	227.4	91.2	85.5	39.6	103.1	88.6	66.8	30.3	40.5	181.0	133.7	64.3	96.3	124	1968
1969	30.3	20.2	32.3	95.8	191.1	201.6	70.7	32.7	57.2	54.6	106.3	68.4	80.2	103	1969
1970	33.7	50.2	35.7	55.1	96.6	113.6	43.5	18.8	19.3	32.7	44.4	34.7	48.1	62	1970
1971	88.4	93.1	35.1	48.5	135.0	134.7	110.7	57.5	54.5	62.4	116.9	27.1	80.1	103	1971
1972	22.0	45.0	134.1	65.2	144.0	164.7	115.4	39.2	29.7	13.6	47.6	84.8	75.6	97	1972
1973	86.4	31.1	38.1	39.6	105.9	97.3	70.6	25.5	21.6	84.4	41.5	87.4	61.1	79	1973
1974	101.2	63.8	85.6	84.5	102.7	165.1	135.1	86.8	49.2	34.9	83.7	105.9	91.7	118	1974
1975	46.3	26.2	46.6	52.0	134.7	131.8	86.8	65.2	32.9	120.6	269.7	106.8	93.5	120	1975
1976	79.8	45.3	27.5	46.0	121.9	128.1	113.4	72.5	46.6	42.0	75.8	108.1	75.8	97	1976
1977	42.1	92.6	51.8	76.4	63.5	88.5	44.7	36.5	37.0	87.4	129.8	83.7	69.2	89	1977
1978	38.3	67.0	94.6	62.1	86.7	126.9	64.9	55.3	71.3	53.6	78.7	25.9	68.6	88	1978
1979	15.3	32.9	100.5	51.8	103.7	76.5	52.1	14.1	73.6	76.5	38.3	144.9	65.3	84	1979
1980	42.4	72.3	51.9	72.3	95.8	93.8	66.2	14.6	37.2	27.5	127.7	220.4	76.8	99	1980
1981	107.7	85.3	32.8	68.2	84.9	62.1	35.3	10.5	36.8	112.9	140.2	66.3	70.0	90	1981
1982	36.0	67.5	29.9	30.0	99.7	171.0	66.8	16.2	15.0	145.1	49.3	72.4	66.6	86	1982
1983	121.4	126.1	81.3	50.4	118.3	111.4	78.1	30.4	13.5	54.0	145.4	27.7	79.4	102	1983
1984	120.7	82.1	75.8	61.3	69.9	117.6	81.8	35.2	30.4	139.9	75.2	47.4	78.2	100	1984
1985	41.5	36.2	32.0	81.1	105.4	84.3	42.6	19.0	14.0	76.5	45.4	36.3	51.3	66	1985
1986	136.1	96.4	117.5	50.7	129.3	115.3	57.6	27.4	16.4	24.9	101.0	115.1	82.3	106	1986
1987	116.7	107.0	120.6	79.1	126.8	146.9	78.7	33.2	26.8	104.7	104.7	68.9	85.0	109	1987
1988	51.4	70.4	63.1	100.3	123.0	107.6	82.5	39.6	20.1	39.0	128.3	74.6	74.9	96	1988
1989	50.6	31.5	19.6	132.5	106.3	94.6	45.4	26.4	16.5	68.1	126.5	89.7	67.3	86	1989
1990	71.8	46.4	48.3	87.4	82.1	88.4	41.2	21.7	14.0	123.4	251.0	100.3	81.3	104	1990
1991	54.7	168.7	28.9	47.5	79.0	71.7	53.3	78.0	29.8	17.2	136.7	117.8	72.9	94	1991
1992	174.0	117.8	60.5	79.0	75.6	73.0	40.4	33.1	33.2	106.3	98.2	40.8	77.5	100	1992
1993	40.4	62.1	96.4	73.3	156.0	93.8	44.2	34.4	18.1	31.0	64.0	111.0	68.8	88	1993
1994	95.6	60.3	120.3	93.0	84.5	75.3	45.1	21.2	26.0	45.0	72.9	127.6	72.5	93	1994
1995	94.7	126.6	81.3	63.9	142.9	119.0	78.7	38.5	20.5	132.1	262.8	106.8	106.8	137	1995
normal	79.9	71.2	60.8	66.6	108.2	119.5	73.3	36.2	32.7	85.7	106.6	93.3	77.8	normal	
mm	182	148	139	147	247	264	167	83	72	196	235	213	2094	mm	



UCONA RIVER AT THE MOUTH 8HC002

Year	Monthly and Annual Discharge in m ³ /s												Drainage Area = 189 km ²	Median Elevation = 873 m	Instantaneous Peak Flow (not corrected) m ³ /s	7-Day Low Flow (not corrected)		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	Jun-Sep	
1960	6.1	26.0	11.6	29.6	27.8	23.2	12.6	6.0	6.5	34.7	21.6	25.4	19.2		3.49	3.15	1960	
1961	57.0	36.4	19.4	20.1	18.6	18.9	10.9	4.5	6.6	17.0	13.7	19.2	20.1		2.16	2.16	1961	
1962	26.0	17.7	5.2	19.7	14.9	14.6	8.0	8.7	6.4	25.1	44.5	38.4	21.3		2.25	2.25	1962	
1963	7.7	48.6	16.7	11.4	15.7	15.0	14.7	5.4	5.4	45.4	33.4	38.4	21.3		2.87	2.87	1963	
1964	20.0	15.9	11.7	14.3	19.4	32.5	24.9	11.5	6.6	13.9	16.9	13.8	16.8		3.93	3.93	1964	
1965	12.5	16.9	9.3	11.4	13.8	11.7	6.4	4.2	1.9	48.3	24.1	28.7	22.1		1.15	1.15	1965	
1966	28.5	15.2	23.5	19.1	17.7	22.8	17.0	8.3	11.9	25.9	25.7	48.2	22.1		4.12	4.12	1966	
1967	23.2	16.8	11.2	7.5	21.8	27.7	11.8	4.9	7.1	47.2	21.3	37.0	19.9		2.13	2.13	1967	
1968	62.6	21.2	18.0	9.4	17.6	15.5	11.5	5.4	9.6	48.8	33.9	18.5	22.7		2.82	2.82	1968	
1969	9.8	10.4	14.2	23.1	34.1	30.8	12.0	7.8	17.4	14.5	31.6	22.5	11.5		3.39	3.39	1969	
1970	11.0	12.6	10.4	15.6	17.9	17.2	8.0	4.6	6.6	11.8	13.1	10.0	11.0		2.27	2.27	1970	
1971	33.4	25.4	10.4	13.9	25.7	28.0	19.9	12.8	14.2	20.1	34.8	5.9	20.3		5.07	3.13	1971	
1972	6.3	15.0	33.2	16.7	24.9	25.3	17.3	6.3	9.5	4.1	16.0	27.1	16.8		2.74	2.24	1972	
1973	26.5	11.2	10.6	10.5	23.8	20.6	14.0	5.4	2.9	21.5	13.6	34.1	16.3		1.63	1.63	1973	
1974	28.3	14.7	20.0	21.1	22.9	31.6	25.5	15.3	9.5	7.4	26.2	28.9	21.0		4.63	2.90	1974	
1975	13.2	7.4	11.4	12.3	23.6	24.8	15.1	12.1	6.5	30.2	79.0	27.9	22.0		3.20	3.03	1975	
1976	21.5	12.2	11.9	12.8	26.0	24.8	22.6	13.5	10.3	12.5	19.5	31.0	18.3		5.81	3.61	1976	
1977	10.0	23.4	14.6	18.0	14.7	16.7	7.3	4.0	7.1	22.9	30.1	20.1	15.6		3.35	3.33	1977	
1978	13.2	16.6	22.1	9.4	14.5	18.8	9.6	10.6	20.5	15.1	20.1	12.3	15.2		3.37	3.37	1978	
1979	4.9	18.7	22.9	11.8	20.5	14.4	11.5	2.1	17.5	16.4	10.4	40.2	15.9		1.48	1.48	1979	
1980	12.4	23.0	13.3	17.7	17.3	15.6	11.0	3.3	8.1	8.1	33.1	51.2	17.8		2.70	2.70	1980	
1981	28.8	26.5	8.7	20.9	19.6	15.9	5.6	2.1	10.6	29.3	29.6	17.3	17.8		1.67	1.67	1981	
1982	13.5	21.9	9.9	10.5	20.2	23.2	10.0	6.3	7.4	34.1	16.2	20.7	16.1				1982	
1983	40.4	34.9	18.0	12.8	15.8	14.6	15.2	6.4	6.8	16.7	35.0	9.3	18.7				1983	
1984	31.8	20.4	18.9	15.9	19.2	16.2	12.0	6.5	7.6	30.2	19.2	11.1	17.4				1984	
1985	10.5	9.3	6.6	18.4	21.1	14.3	6.9	4.7	4.4	13.9	9.2	7.6	10.6		88		1985	
1986	36.6	22.3	28.7	11.6	28.4	21.3	9.6	3.1	1.8	5.7	27.8	18.8	18.8		1.09	0.760	1986	
1987	33.0	28.0	25.6	16.4	23.0	26.2	10.7	3.9	4.9	2.5	28.8	18.0	18.3		2.12	0.853	1987	
1988	16.1	19.1	16.4	22.6	27.5	22.5	15.5	6.8	4.2	9.7	31.1	17.6	17.4		2.21	2.21	1988	
1989	17.4	8.5	9.9	24.8	19.1	17.0	7.5	3.2	1.5	29.8	34.2	20.9	15.1		1.04	1.00	1989	
1990	19.6	13.2	13.0	16.7	13.5	17.2	5.8	1.4	1.2	16.9	64.8	24.8	18.4		0.726	0.726	1990	
1991	14.9	40.0	4.8	10.8	14.4	11.3	7.2	15.2	4.8	1.7	33.1	29.9	15.5		1.88	1.08	1991	
1992	44.3	27.9	10.2	14.3	10.8	9.3	4.2	2.6	3.6	25.0	23.7	11.2	15.6		1.28	1.28	1992	
1993	10.3	13.6	22.6	16.3	26.6	16.3	5.91	4.82	1.63	3.74	15.6	36.7	13.7		1.07	0.822	1993	
1994	23.0	14.7	28.3	18.2	13.5	16.0	6.9	2.9	4.0	13.1	21.0	36.7	16.6		1.86	1.58	1994	
1995	24.0	30.2	18.7	12.8	23.1	20.0	12.0	5.3	3.2	33.6	59.0	30.1	22.6		2.08	2.08	1995	
Normal	22.5	19.4	15.5	15.5	20.4	20.5	12.6	6.5	7.9	21.5	27.9	24.3	17.9	Average	2.58	2.19	m ³ /s	
mm	319	251	220	213	289	281	178	92	108	305	383	344	2985	10-Year	1.15	0.974	m ³ /s	



ZEBALLOS RIVER NEAR ZEBALLOS 8HE006

Year	Monthly and Annual Discharge in m ³ /s												Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m ³ /s
1960	17.2	24.6	17.6	29.3	29.0	27.1	11.4	11.9	12.1	46.4	31.9	31.8	24.2	Dec 12	657	7.22	1960
1961	63.0	51.0	25.5	24.3	15.1	15.0	9.8	7.0	12.2	22.8	20.8	31.3	24.7	Jan 14	654	4.90	1961
1962	38.8	23.2	8.1	22.7	14.3	12.5	6.7	13.9	16.8	30.9	70.6	83.5	28.5	Dec 04	459	4.68	1962
1963	21.1	56.8	18.7	18.1	19.1	11.6	15.2	6.5	18.2	52.4	47.5	53.8	28.1	Dec 22	773	4.34	1963
1964	26.7	27.6	13.9	20.2	20.1	24.8	29.0	16.3	16.8	33.2	30.3	24.6	27.0	Nov 30	294	8.76	1964
1965	26.2	27.1	17.4	17.0	17.6	11.9	7.3	4.8	3.4	100.0	37.1	56.8	27.0			3.12	1965
1966	53.3	30.9	42.5	26.4	21.2	24.6	14.9	12.4	48.6	43.4	26.2	91.8	36.4	Mar 29	909	9.50	1966
1967	139.0	77.4	43.1	27.2	26.2	23.2	17.4	7.7	70.4	115.0	33.0	74.5	54.0	Feb 02	1030	5.48	1967
1968	109.0	41.6	32.6	27.2	19.6	19.6	19.9	9.6	51.8	244.0	140.0	68.6	65.5	Oct 24	1070	6.13	1968
1969	14.7	13.1	24.3	34.2	33.4	25.9	10.7	15.3	25.8	18.5	50.6	34.1	25.0	Nov 19	512	5.39	1969
1970	19.6	20.0	19.1	19.4	28.1	13.3	9.1	9.0	13.8	15.1	16.1	17.8	16.7	Dec 10	391	4.79	1970
1971	58.4	16.5	19.2	19.2	25.5	17.1	20.6	20.6	30.2	43.5	66.4	12.0	31.7	Nov 09	634	8.43	1971
1972	11.2	24.9	46.4	28.0	31.0	30.3	21.4	8.1	13.4	7.8	25.2	42.6	24.2	Dec 19	521	4.73	1972
1973	46.3	18.5	13.6	15.6	22.1	20.2	12.6	6.2	11.2	33.7	17.1	44.6	21.9	Dec 15	682	4.89	1973
1974	40.7	27.3	28.1	24.3	26.7	29.9	23.0	11.1	10.8	14.4	32.0	43.1	25.0	Jan 15	442	6.36	1974
1975	21.7	15.8	13.1	11.8	21.7	19.8	12.0	16.1	7.5	38.9	109.0	43.0	27.5	Nov 13	1180	5.95	1975
1976	34.2	16.9	18.8	18.1	35.7	29.6	27.5	16.4	17.3	22.5	28.9	64.9	27.7	Dec 15	643	9.59	1976
1977	18.0	34.0	25.3	24.5	19.4	15.0	12.0	6.6	8.2	32.6	43.1	31.6	22.4	Oct 22	416	4.33	1977
1978	18.3	21.2	26.8	11.2	13.3	11.8	6.1	10.3	27.2	22.0	35.3	19.4	18.5	Nov 06	555	4.09	1978
1979	11.9	23.3	26.5	14.0	18.9	15.4	13.5	5.2	23.8	22.0	15.4	54.0	20.3	Dec 17	542	4.32	1979
1980	19.1	26.8	17.8	23.2	24.6	17.2	16.2	9.9	23.3	36.9	31.0	19.2	24.8	Dec 26	790	4.94	1980
1981	34.3	40.7	14.0	32.4	19.9	25.9	8.3	5.2	18.9	40.5	39.3	24.4	25.2	Oct 30	560	3.80	1981
1982	24.7	32.5	13.2	11.9	19.3	21.1	12.8	8.3	15.3	38.0	26.8	29.8	21.1	Oct 22	307	5.62	1982
1983	49.9	50.5	24.6	14.0	13.7	19.2	19.8	9.2	11.1	21.6	43.7	17.8	24.4	Feb 11	510	6.03	1983
1984	40.8	31.0	23.6	22.2	24.6	17.2	16.2	9.9	23.3	36.9	31.0	19.2	24.8	Nov 22	444	8.11	1984
1985	16.2	16.5	10.2	24.1	19.3	12.2	7.2	4.3	3.2	29.8	16.0	12.3	14.3	Oct 15	248	2.73	1985
1986	56.5	33.2	36.4	18.6	32.6	16.7	14.2	4.7	4.4	8.9	39.2	37.8	25.3	Jan 18	458	2.97	1986
1987	55.7	41.0	34.8	28.1	24.5	38.3	9.5	5.6	15.2	11.6	46.7	31.1	28.4	Jan 10	713	4.32	1987
1988	27.5	31.7	24.0	27.4	29.1	22.8	11.7	8.8	15.6	22.8	23.9	23.9	24.1	Nov 05	342	5.37	1988
1989	33.4	10.3	14.3	26.6	17.6	15.4	14.5	6.0	4.2	22.8	45.8	36.4	20.4	Dec 03	581	3.90	1989
1990	33.5	24.0	19.5	18.5	13.1	15.0	8.2	5.6	4.1	49.6	96.8	41.7	27.4	Nov 11	871	3.73	1990
1991	28.4	64.0	9.1	13.1	13.8	8.6	7.0	21.3	6.6	4.8	55.4	53.8	23.5	Nov 19	635	4.21	1991
1992	75.7	39.7	9.7	16.1	12.9	6.6	4.5	4.5	9.5	34.9	26.8	17.0	21.5	Oct 23	656	3.37	1992
1993	15.3	16.6	36.3	22.2	25.1	16.4	8.5	10.1	4.4	9.7	26.4	38.1	19.1	Dec 03	451	3.88	1993
1994	27.7	26.6	38.1	23.1	13.9	16.1	8.0	5.7	10.6	28.0	35.3	54.5	24.0	Oct 27	519	3.88	1994
1995	29.4	39.5	21.1	15.8	13.7	12.4	8.0	10.2	5.0	54.1	83.2	44.6	28.0	Nov 08	580	3.97	1995
Normal	38.8	31.1	23.1	21.5	22.0	19.9	14.0	9.2	18.8	40.2	44.1	41.3	27.0	Average	601	5.22	m ³ /s
	574	419	342	307	326	286	207	136	270	595	632	611	4703	10-Year	904	3.37	m ³ /s

