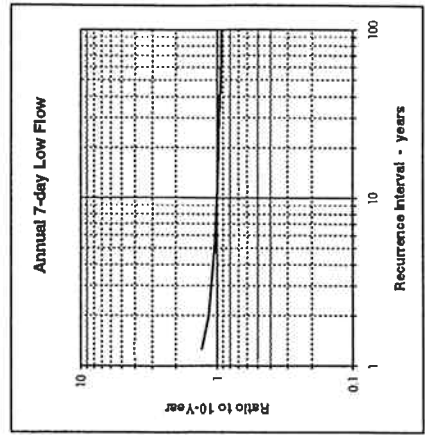
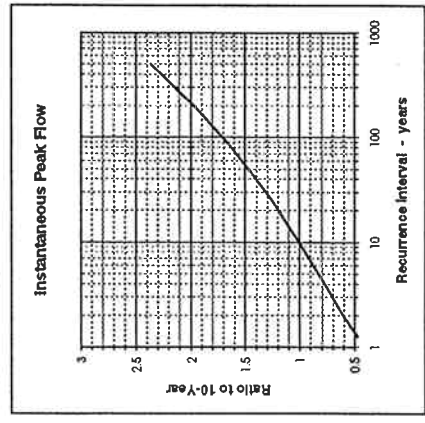
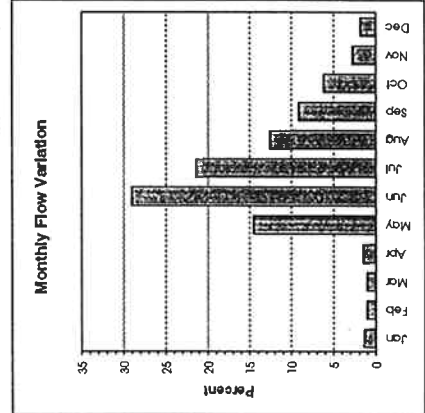
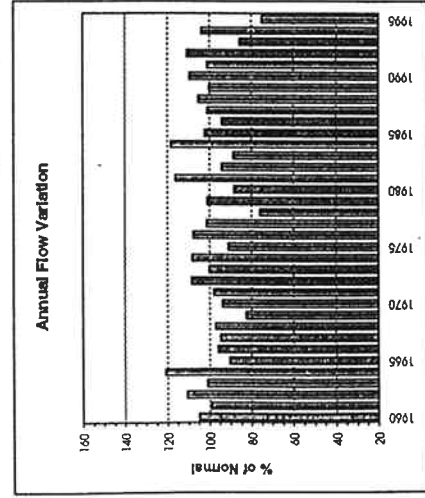


Zone 6

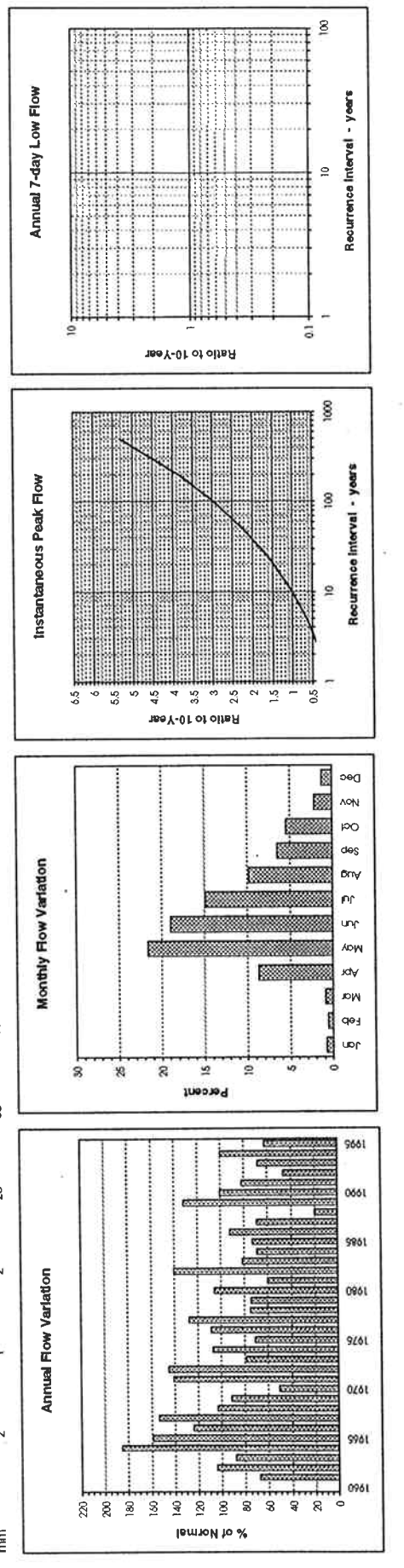
AKIE RIVER NEAR THE 760 M CONTOUR 7EA007

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Instantaneous Peak Flow	7-Day Low Flow	Year
Monthly and Annual Discharge in m ³ /s																
Drainage Area = 1,700 km ²																
Median Elevation = ? m																
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Instantaneous Peak Flow	7-Day Low Flow	Year
1960	6.88	4.75	4.06	3.96	99.7	99.7	79.1	49.2	45.9	20.8	12.4	8.68	32.9	May 27	24.0	3.80
1961	5.35	4.16	4.04	4.16	20.9	129.0	67.1	53.7	32.3	17.4	9.8	5.97	31.2	Jun 15	21.2	3.67
1962	4.29	3.84	3.40	5.92	43.7	87.8	65.7	45.6	32.4	20.4	12.4	6.94	34.8	May 31	27.6	3.24
1963	5.13	4.03	3.60	4.69	18.2	120.0	108.0	82.6	42.9	32.6	12.7	10.00	31.8	Jun 13	22.5	3.22
1964	6.09	4.50	4.28	5.40	20.6	106.0	96.3	32.9	39.7	21.6	8.8	5.22	38.0	Jun 04	23.0	4.10
1965	4.95	4.25	3.73	4.38	50.5	104.0	100.0	32.9	19.3	36.6	8.4	5.03	28.4	Jul 15	24.7	3.25
1966	4.04	3.81	4.12	5.83	51.2	111.0	55.6	29.9	59.1	34.4	12.8	8.17	30.1	Jun 22	27.2	3.62
1967	5.32	4.65	4.15	6.87	73.1	94.7	92.0	50.5	25.9	17.0	11.3	7.08	30.5	Jul 19	18.3	3.70
1968	5.34	4.35	3.88	9.44	73.4	99.9	51.5	51.0	32.2	22.4	13.2	8.83	29.5	Jun 05	18.7	3.79
1969	5.51	3.68	4.52	8.31	78.0	157.0	36.8	34.8	21.7	7.9	4.8	3.88	30.8	Jun 01	53.4	3.30
1970	3.53	4.19	3.21	7.03	62.7	74.5	38.1	38.1	49.1	36.9	15.1	11.10	31.4	Jul 14	21.1	2.98
1971	7.23	5.25	5.21	17.40	54.0	155.0	67.0	30.0	25.2	30.8	12.7	8.14	34.8	Jun 15	25.3	4.63
1972	4.13	3.74	3.63	7.60	77.5	81.3	54.7	34.7	19.5	22.5	10.7	7.07	28.6	May 21	16.2	2.90
1973	5.09	3.63	3.77	9.62	62.0	106.0	68.7	44.7	42.0	22.5	13.8	7.72	33.8	Jun 08	20.1	3.02
1974	5.59	4.45	3.56	8.78	53.4	74.1	44.5	36.5	25.2	13.8	7.3	4.19	33.8	Jun 06	15.5	3.24
1975	5.20	4.20	3.98	6.10	53.8	111	79.4	46.8	35.1	23.1	10.7	6.98	31.4	Average	239	3.50
1976	8	6	6	9	85	169	125	74	54	36	16	11	582	10-Year	14.9	2.98
1977																
1978																
1979																
1980																
1981																
1982																
1983																
1984																
1985																
1986																
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1991																
1992																
1993																
1994																
1995																
Normal																
mm																



CUTBANK RIVER NEAR GRANDE PRAIRIE 7GB001

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
1960	0.870	0.387	0.514	8.65	17.4	3.3	2.1	1.35	1.26	1.15	0.43	0.256	3.16	Jul 11	218	0.666
1961	0.276	0.271	0.306	7.95	15.9	34.7	31.1	2.59	4.54	5.89	1.75	0.887	8.78	Jun 12	765	1.70
1962	0.419	0.354	1.072	9.76	18.7	38.4	7.5	6.39	4.54	16.30	3.99	1.173	9.04	May 04	41	2.79
1963	0.734	0.757	1.684	16.15	19.4	6.6	2.5	3.28	2.30	2.97	1.47	0.785	4.90	May 11	54	1.13
1964	0.239	0.137	0.314	19.35	37.4	10.8	3.3	1.73	1.84	1.62	1.76	1.064	6.66	Jun 28	127	1.13
1965	0.932	0.651	0.415	2.34	11.6	12.0	16.1	2.40	1.80	1.42	1.65	1.413	4.42	Jul 02	106	2.57
1966	0.655	0.498	0.507	5.55	19.6	11.0	9.2	21.90	6.46	2.96	1.29	1.064	7.95	May 06	227	3.72
1967	1.319	1.361	1.154	8.12	29.6	10.7	16.9	6.05	6.63	10.20	1.78	0.844	4.66	Sep 18	79	2.88
1968	0.828	0.828	0.724	2.07	11.6	9.0	8.6	4.49	11.70	3.77	1.32	0.749	4.66	Sep 18	79	2.88
1969	0.229	0.229	0.400	3.24	24.1	13.6	7.3	1.98	1.77	1.38	1.32	0.303	4.63	May 16	87	0.991
1970	0.282	0.437	0.418	2.00	5.2	39.1	9.2	5.92	10.80	3.77	2.19	0.276	6.60	Jun 04	274	2.44
1971	0.356	0.062	0.092	12.47	10.5	6.9	7.5	4.25	1.32	1.29	0.39	0.170	3.76	Jul 29	90	0.994
1972	0.050	0.062	0.234	0.72	23.6	6.8	38.0	20.50	5.40	4.19	2.15	1.409	8.73	Jul 15	800	3.32
1973	0.086	0.150	0.234	0.72	23.6	6.8	38.0	20.50	5.40	4.19	2.15	1.409	8.73	Jul 15	800	3.32
1974	0.752	0.610	0.517	6.78	7.5	10.7	25.2	3.74	1.92	1.58	0.91	0.467	5.09	May 17	71	1.75
1975	0.805	0.938	0.592	3.11	14.5	11.8	1.9	1.20	8.15	7.06	2.47	1.958	4.56	Sep 13	58	0.982
1976	1.230	0.834	0.462	4.88	10.5	5.9	2.2	2.44	14.80	7.06	2.47	1.958	4.56	May 17	71	0.982
1977	0.681	0.668	2.120	9.56	19.5	2.3	1.9	25.90	3.67	5.40	1.92	1.283	5.72	Jul 18	79	1.13
1978	0.548	0.599	0.531	6.37	7.8	4.4	2.4	0.75	0.67	1.44	1.07	0.488	4.32	Aug 02	232	1.16
1979	0.197	0.225	0.801	2.85	1.7	4.4	2.4	31.00	11.30	4.28	3.41	2.318	8.21	Aug 23	160	0.624
1980	0.326	0.109	2.83	13.6	16.2	12.2	16.1	1.62	1.67	1.38	0.41	0.560	6.27	Jun 10	96	1.16
1981	0.252	0.267	0.726	4.01	14.0	42.5	8.0	3.64	3.00	1.59	0.78	0.658	5.11	May 10	552	0.884
1982	1.114	0.714	0.669	14.90	18.9	9.3	3.8	0.97	1.20	1.30	0.13	0.121	2.90	Apr 03	22	0.884
1983	0.951	0.891	4.100	12.20	7.7	3.8	1.5	0.97	1.20	1.90	1.50	0.452	4.24	Jun 24	160	2.03
1984	0.374	1.775	0.379	4.40	5.2	16.1	12.4	3.50	2.92	1.90	1.46	0.190	6.24	Jun 04	161	2.20
1985	0.256	0.196	1.040	10.40	15.2	16.1	17.2	5.15	2.28	2.62	0.33	0.160	3.91	Jun 21	53	1.79
1986	0.841	0.589	0.500	7.05	11.4	8.0	6.7	7.21	2.28	1.64	0.33	0.160	3.91	Average	185	1.77
Normal	0.568	0.406	0.652	6.60	15.9	14.4	10.9	7.21	4.95	3.98	1.62	0.885	6.23	10-Year	411	0.815



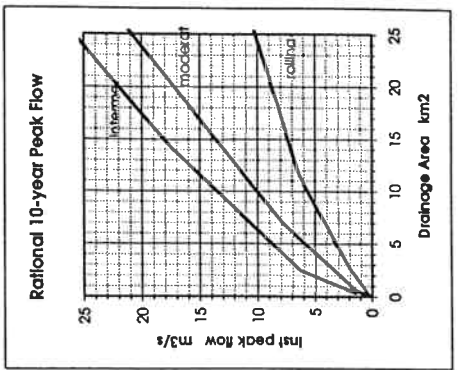
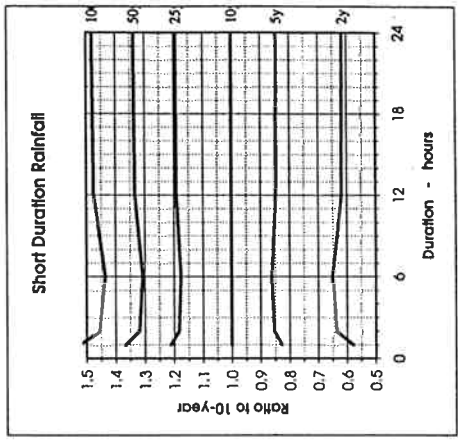
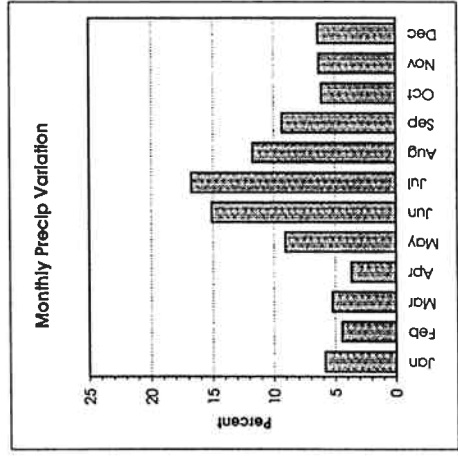
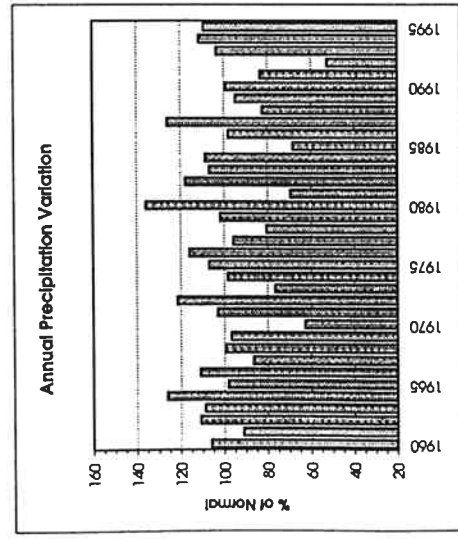
CHETWYND A 1181508

Location: 55°42.121'38.609" m

Monthly and Annual Precipitation in mm

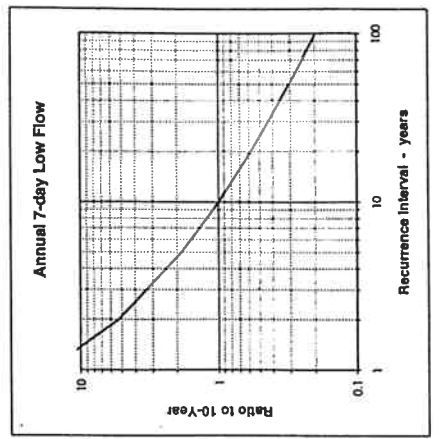
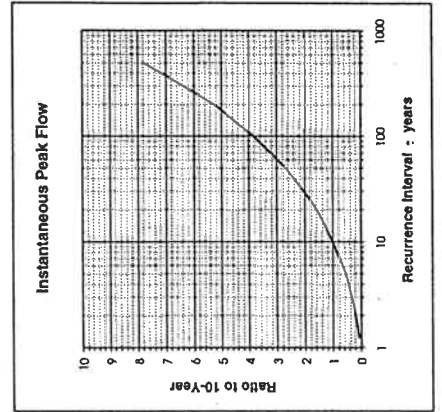
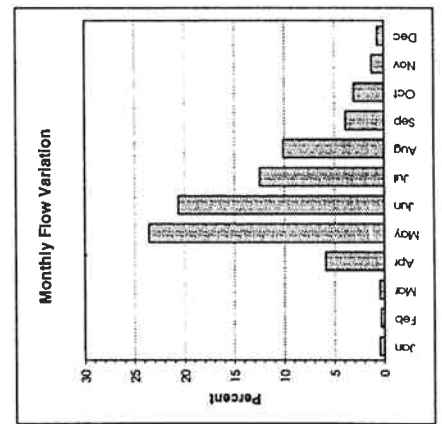
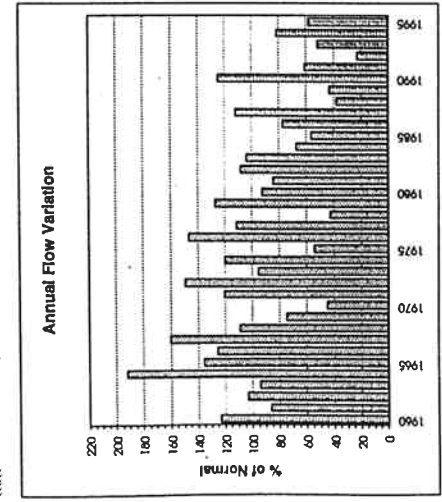
Short Duration Rainfall

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Maximum Daily Precip	month	mm	24h	12h	6h	2h	1h	Year
1960	14	10	34	15	18	51	30	20	18	7	44	32	492		Nov	18	21	14	10	9	7	1960
1961	84	5	17	11	16	112	51	37	60	15	30	42	479		Jun	26	35	31	18	12	10	1971
1962	15	60	52	36	6	76	97	32	66	36	43	42	564		Jul	32	38	28	22	13	8	1972
1963	30	27	2	12	8	52	14	69	36	36	53	16	355		Aug	20	28	20	15	9	5	1973
1964	76	23	39	14	49	10	89	36	64	18	26	13	457		Jul	31	32	31	31	21	21	1974
1965	14	17	33	12	82	78	31	54	2	87	50	39	497		Jun	34	36	33	20	10	8	1975
1966	19	9	26	10	52	97	106	136	9	11	8	57	539		Aug	67	73	45	31	24	20	1976
1967	12	1	35	4	118	73	87	30	34	8	18	25	445		Jun	37	47	38	24	12	6	1977
1968	23	17	27	6	34	40	78	40	44	11	26	29	374		Jul	21	22	19	12	10	8	1978
1969	23	23	27	29	38	53	87	39	78	17	0	23	472		Jul	31	31	27	25	22	19	1979
1970	20	15	17	1	54	151	75	94	51	8	15	130	631		Jun	33	33	32	30	21	21	1980
1971	4	19	21	37	72	33	26	24	16	16	32	22	322		May	26	13	10	9	7	6	1981
1982	75	30	23	7	26	26	188	67	22	34	24	27	547		Jun	19	47	47	31	17	12	1982
1983	14	21	7	11	20	132	154	29	26	34	38	24	496		Jun	53	56	45	28	18	12	1983
1984	12	10	7	13	97	89	23	52	85	77	12	24	504		Sep	30	32	25	16	16	16	1984
1985	15	22	23	13	7	16	7	75	92	26	18	4	317		Sep	33	38	26	20	10	8	1985
1986	13	14	19	46	33	31	85	11	128	42	33	1	455		Oct	27	17	14	14	7	6	1986
1987	18	13	13	21	21	58	225	114	15	25	12	15	585		Jul	64	64	51	13	9	9	1987
1988	30	13	24	28	26	93	47	40	12	15	12	15	383		Jun	42	42	42	42	13	9	1988
1989	19	8	23	12	37	79	75	45	42	28	17	19	440		Jun	40	29	24	24	21	13	1990
1990	32	12	18	20	59	101	37	43	2	51	62	23	461		Aug	24	29	24	24	21	13	1991
1991	6	4	13	3	25	116	13	59	23	26	59	45	386		Jun	25	25	25	25	16	16	1992
1992	22	23	3	18	12	16	16	7	57	21	14	15	244		Jun	16	29	24	24	21	13	1993
1993	11	11	7	47	15	93	146	65	44	7	20	19	480		May	15	517	517	517	517	517	1994
1994	61	46	5	20	31	93	65	76	50	24	29	19	617		Sep	16	507	507	507	507	507	1995
1995	16	19	31	18	25	56	151	58	15	15	73	33	507									
normal	27	21	24	17	42	70	78	54	43	28	29	30	464	average		33	37	30	21	14	11	average
excess	0	0	0	28	0	0	0	0	0	0	0	0	28	10-year		47	57	46	31	21	18	10-year



DICKEBUSCH CREEK NEAR THE MOUTH 7FB004

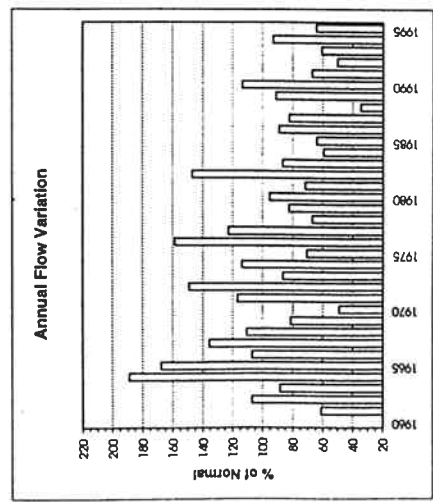
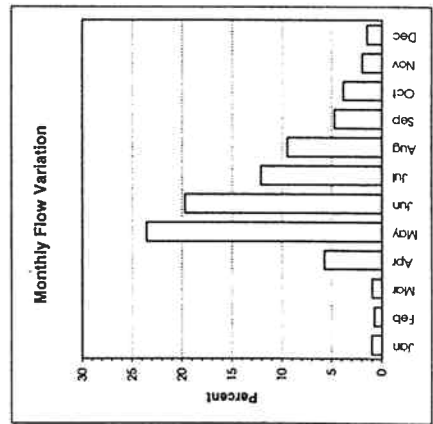
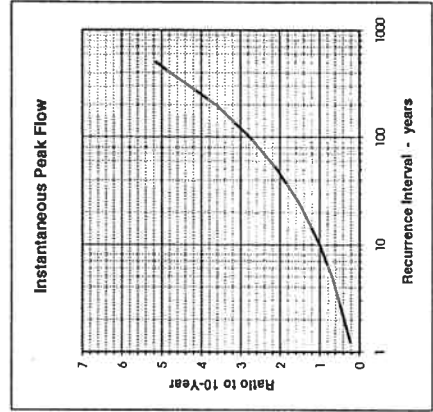
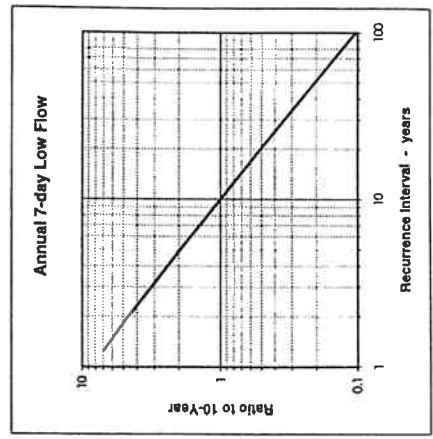
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Instantaneous Peak Flow	Jun-Sep	Annual	Year
1960	0.023	0.022	0.025	0.104	1.24	1.15	0.50	0.246	0.319	0.140	0.121	0.031	0.945	Jun 06	2.8	0.133	0.020	1960	
1961	0.009	0.003	0.014	1.100	6.74	1.98	1.25	0.227	0.164	0.071	0.007	0.005	0.660	May 28	19.6	0.092	0.002	1961	
1962	0.002	0.000	0.005	0.224	3.07	1.23	1.230	1.230	1.190	0.440	0.219	0.156	0.794	Jun 19	21.2	0.522	0.000	1962	
1963	0.177	0.117	0.114	1.010	3.47	1.84	0.60	0.206	0.088	0.074	0.040	0.006	0.723	May 31	12.5	0.074	0.001	1963	
1964	0.001	0.004	0.009	0.021	1.96	1.26	3.91	1.690	0.241	0.422	0.217	0.079	1.038	Jul 15	27.5	0.166	0.000	1964	
1965	0.032	0.018	0.015	0.696	1.62	2.34	4.17	0.240	0.123	0.147	0.069	0.006	0.961	Jul 14	36.6	0.113	0.002	1965	
1966	0.002	0.014	0.039	0.255	1.91	1.73	0.27	0.162	0.548	0.767	0.328	0.145	1.230	May 17	5.8	0.150	0.001	1966	
1967	0.083	0.046	0.067	0.688	1.76	0.52	0.12	0.171	1.130	0.442	0.085	0.061	0.835	Sep 13	5.1	0.083	0.037	1967	
1968	0.057	0.038	0.050	0.392	2.95	1.39	1.00	0.193	0.271	0.497	0.115	0.104	0.574	May 26	6.4	0.105	0.028	1968	
1969	0.090	0.082	0.068	0.946	1.21	0.25	0.56	6.540	0.187	0.109	0.082	0.029	0.345	Aug 01	273.0	0.114	0.022	1969	
1970	0.015	0.024	0.035	0.865	0.62	1.36	0.21	0.113	0.093	0.094	0.020	0.028	0.574	Jun 06	13.9	0.089	0.007	1970	
1971	0.010	0.004	0.004	0.213	0.91	0.77	0.45	0.704	0.285	0.347	0.143	0.092	1.144	Jun 27	3.5	0.209	0.000	1971	
1972	0.048	0.018	0.076	0.660	2.51	7.40	0.60	0.199	0.087	0.055	0.026	0.037	0.730	Jun 11	99.5	0.060	0.010	1972	
1973	0.031	0.041	0.075	0.705	2.09	2.07	0.22	0.073	0.091	0.101	0.050	0.062	0.918	May 13	8.7	0.054	0.013	1973	
1974	0.048	0.027	0.221	0.763	0.56	0.22	0.05	0.028	0.054	0.086	0.033	0.009	0.918	Apr 03	1.7	0.021	0.001	1974	
1975	0.000	0.005	0.017	0.203	0.60	0.83	1.87	0.643	0.317	0.155	0.060	0.014	0.730	Jun 23	4.4	0.169	0.000	1975	
1976	0.010	0.009	0.055	1.050	1.43	2.46	1.63	0.448	0.161	0.161	0.041	0.034	0.417	Jun 14	16.5	0.130	0.006	1976	
1977	0.041	0.044	0.055	0.741	2.43	0.49	1.19	0.140	0.068	0.046	0.037	0.030	1.122	May 10	4.9	0.053	0.013	1977	
1978	0.042	0.030	0.039	0.553	2.13	1.93	1.13	0.917	0.364	0.277	0.113	0.060	0.852	Average	31.3	0.130	0.009	1978	
1979													0.328					1979	
1980													0.974					1980	
1981													0.710					1981	
1982													0.648					1982	
1983													0.829					1983	
1984													0.796					1984	
1985													0.515					1985	
1986													0.431					1986	
1987													0.593					1987	
1988													0.857					1988	
1989													0.290					1989	
1990													0.300					1990	
1991													0.230					1991	
1992													0.955					1992	
1993													0.467					1993	
1994													0.175					1994	
1995													0.396					1995	
Normal													0.447						



FLATBED CREEK AT KILOMETRE 110 HERITAGE HIGHWAY 7FB009

Monthly and Annual Discharge in m³/s Drainage Area = 479 km² Median Elevation = 1130 m 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	Instantaneous Peak Flow m ³ /s	Jun-Sep	Annual	Year
1960																		1960
1961																		1961
1962																		1962
1963																		1963
1964																		1964
1965																		1965
1966																		1966
1967																		1967
1968																		1968
1969																		1969
1970																		1970
1971																		1971
1972																		1972
1973																		1973
1974																		1974
1975																		1975
1976																		1976
1977																		1977
1978																		1978
1979																		1979
1980																		1980
1981																		1981
1982	0.250	0.220	0.210	0.62	16.5	13.1	18.50	21.70	8.94	4.33	1.00	0.700	7.24	Jul 16	90.0	3.876	0.420	1982
1983	0.556	0.452	0.526	5.84	9.4	9.3	17.40	2.73	1.74	1.46	1.16	0.467	4.28	Jun 25	39.5	1.510	0.282	1983
1984	0.347	0.403	0.462	1.73	8.7	9.1	1.93	0.63	3.82	3.19	2.05	1.160	2.93	May 18	20.9	0.489	0.332	1984
1985	0.640	0.384	0.493	2.17	14.3	7.5	1.47	0.98	5.08	3.19	0.91	0.654	3.16	May 18	27.9	0.499	0.475	1985
1986	0.658	0.578	0.888	3.17	19.4	12.1	8.32	1.42	1.52	2.20	1.20	0.969	4.40	May 26	48.4	1.090	0.358	1986
1987	1.220	1.050	0.675	5.25	14.9	5.4	2.15	14.40	0.72	0.66	1.30	0.545	4.06	Aug 01	140.0	0.355	0.338	1987
1988	0.301	0.323	0.389	3.52	7.0	5.0	1.12	0.96	0.43	0.55	0.52	0.448	1.71	Jun 06	25.6	0.017	0.017	1988
1989	0.184	0.108	0.174	2.48	16.4	13.6	6.20	5.93	2.71	2.10	1.82	1.890	4.49	Jun 10	62.3	1.910	0.092	1989
1990	1.080	0.734	1.200	6.33	16.6	31.5	6.43	0.83	0.52	0.71	0.65	0.802	5.61	Jun 12	173.0	0.390	0.390	1990
1991	0.683	0.606	0.479	8.64	14.2	9.3	2.03	0.66	0.74	0.68	0.80	0.725	3.30	May 10	32.7	0.492	0.458	1991
1992	0.540	0.425	2.330	9.72	8.3	3.4	0.39	0.51	1.18	1.75	0.83	0.283	2.47	Apr 03	19.4	0.238	0.157	1992
1993	0.193	0.216	0.329	3.35	13.3	3.6	5.93	4.62	1.09	0.90	1.14	0.937	3.00	May 13	33.0	0.877	0.361	1993
1994	0.486	0.388	0.781	10.60	14.1	13.8	8.05	1.80	1.53	1.54	1.06	0.895	4.60	Jun 13	66.4	0.960	0.213	1994
1995	0.731	0.632	0.728	3.91	17.9	6.2	3.36	2.24	0.57	0.75	0.63	0.234	3.18	May 12	36.6	0.490	0.296	1995
Norma	0.582	0.472	0.557	3.46	13.7	11.8	7.06	5.51	2.83	2.22	1.18	0.848	4.93	Average	58.3	0.942	0.296	m ³ /s
mm	3	2	3	19	76	64	39	31	15	12	6	5	325	10-Year	113.6	0.106	0.068	m ³ /s

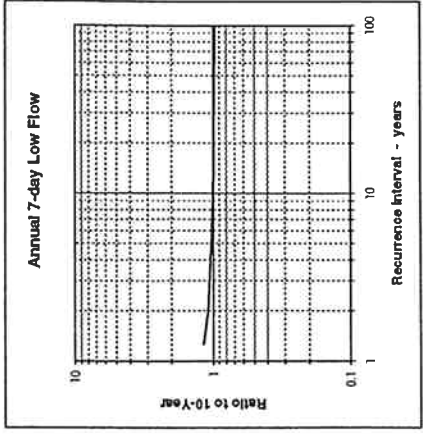
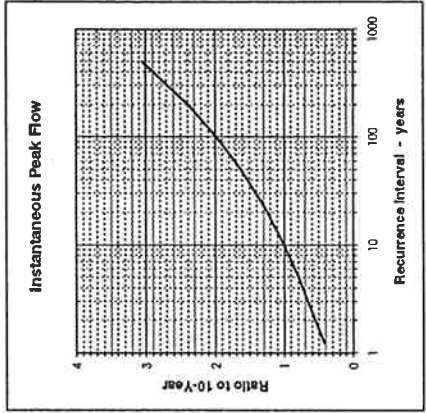
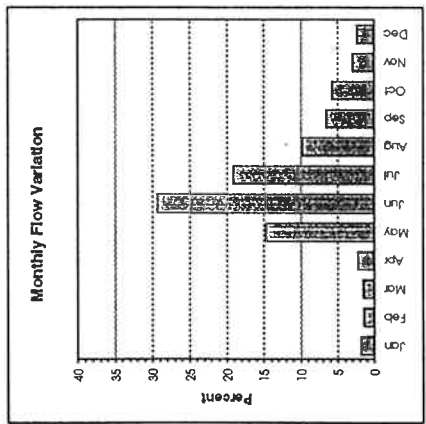
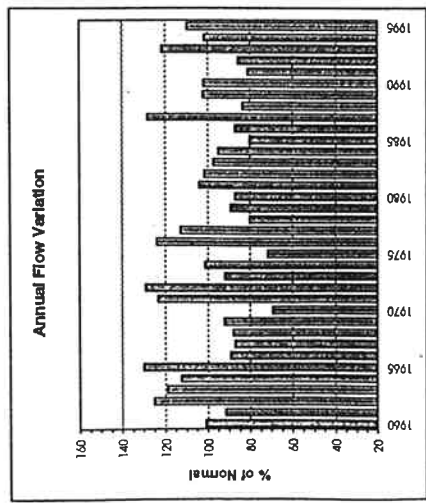


GRAHAM RIVER ABOVE COLT CREEK 7FA005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	7-Day Low Flow	Annual	Year
1960	6.34	4.87	4.44	5.95	77.0	99.1	51.4	21.8	19.3	13.1	9.55	7.66	26.0	May 28	277	13.0	3.88	1980
1961	5.42	4.65	4.45	4.62	33.0	105.0	66.9	30.7	20.0	15.3	12.60	10.30	26.8	Jun 14	145	15.2	4.20	1981
1962	6.12	5.21	4.28	7.80	37.0	76.5	92.0	27.3	16.9	13.2	8.24	5.34	25.1	Jul 03	203	14.5	3.67	1982
1963	4.27	4.51	4.77	5.95	23.9	118.0	49.1	20.6	22.8	25.0	8.45	6.49	24.4	Jun 14	198	16.4	3.85	1983
1964	5.36	3.97	4.09	8.28	28.4	64.3	49.8	17.3	32.0	18.7	7.61	7.29	20.6	Jul 01	117	13.2	3.80	1984
1965	6.28	4.73	4.72	6.55	23.4	63.5	68.1	30.4	16.0	23.7	11.90	8.47	22.4	Jul 16	207	13.0	4.02	1985
1966	6.16	5.13	4.29	6.79	46.0	101.0	62.6	83.7	35.7	22.7	11.70	8.13	33.0	Aug 02	199	26.6	4.14	1986
1967	5.02	4.51	4.58	10.50	58.8	74.2	38.4	32.8	13.3	13.4	8.21	5.93	21.5	Jun 09	139	11.3	4.20	1987
1968	4.49	4.32	4.66	8.20	61.6	81.5	58.2	32.1	19.1	21.0	10.10	8.93	26.3	Jun 05	131	16.0	3.93	1988
1969	7.28	6.05	6.72	8.98	56.7	136.0	45.6	16.4	11.2	9.1	6.22	4.77	26.3	May 02	489	9.62	4.16	1989
1970	4.40	4.47	4.03	10.30	59.1	73.1	36.9	13.4	13.6	14.6	8.81	7.08	20.9	May 16	101	10.8	3.81	1990
1971	5.66	5.35	6.39	13.70	43.6	98.3	34.7	11.1	10.0	22.5	8.90	5.26	22.1	Jun 17	135	6.96	4.07	1991
1972	4.11	4.85	4.89	8.99	60.1	77.8	67.3	36.9	31.3	15.3	9.83	6.69	23.1	Aug 24	164	23.1	3.54	1992
1973	5.32	5.57	5.67	10.90	51.0	78.1	68.8	29.6	22.7	16.4	10.80	7.48	26.1	Jul 03	158	17.9	5.01	1993
1974	5.37	4.72	4.70	6.10	46.8	71.9	99.1	41.3	24.8	13.5	9.42	9.05	28.3	Jul 05	259	17.3	4.48	1994
1975	5.67	4.80	4.70	7.35	44.6	91.9	58.2	30.1	20.6	17.5	9.46	7.33	25.7	Average	195	15.0	4.05	1995
Normal	7	5	6	9	54	108	71	37	24	21	11	9	369	10-Year	305	9.21	3.67	m3/s

Drainage Area = 2,200 km² Median Elevation = 7 m

Monthly and Annual Discharge in m³/s



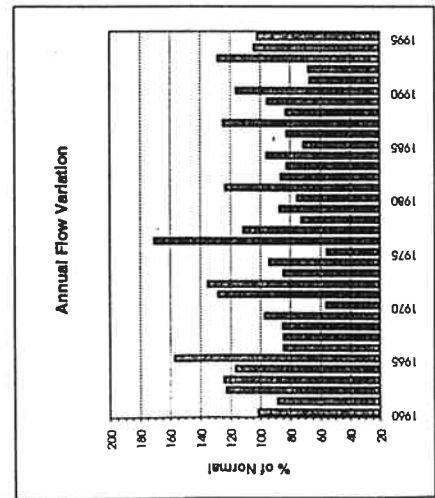
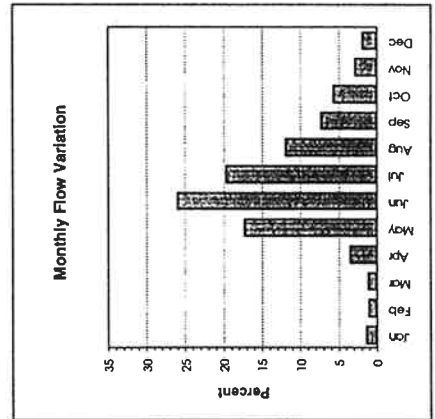
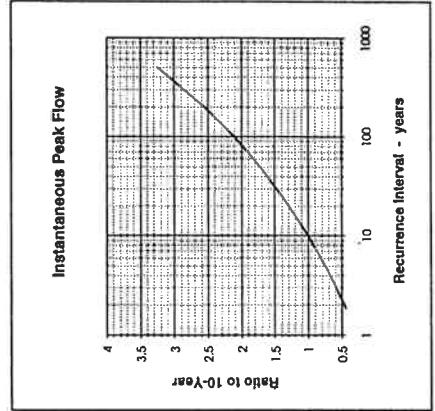
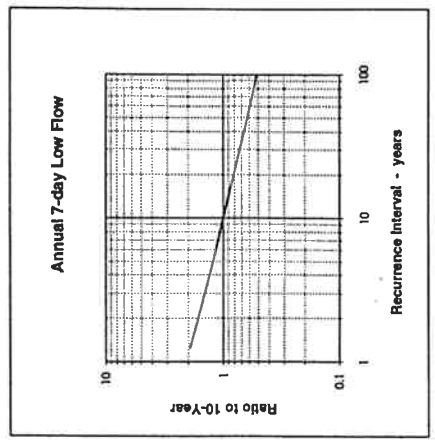
Halfway River near Farrell Creek 7FA006

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	11.6	10.6	15.4	57.7	142	220	165	123	89.2	48.4	33.7	16.9	77.9	Jun 17	1320	49.9	1960
1961	14.4	8.7	8.4	18.7	212	252	324	47	35.5	48.1	19.9	16.1	68.0	May 25	497	70.3	1961
1962	16.2	14.4	12.0	12.0	91	257	324	199	63.8	54.3	53.3	28.3	94.4	Aug 03	708	64.2	1962
1963	18.1	15.9	14.2	135.0	282	236	166	112	83.4	53.8	33.0	23.0	95.6	May 25	497	70.3	1963
1964	20.0	18.0	16.0	21.0	81	359	329	236	84.6	43.1	29.9	18.1	89.7	Jul 29	2466	76.1	1964
1965	13.6	11.5	10.4	13.7	369	392	329	86	94.6	72.8	29.9	18.1	120.8	Jul 22	306	44.4	1965
1966	15.4	12.0	11.2	30.1	134	147	201	82	64.8	35.4	25.5	18.6	65.0	Jun 03	422	25.2	1966
1967	14.1	11.8	11.2	23.7	207	280	76	40	28.7	39.2	27.6	18.1	65.0	Jun 13	833	40.0	1967
1968	10.1	9.8	10.5	29.9	169	248	120	79	42.2	36.1	18.5	13.1	65.6	Jun 05	408	35.7	1968
1969	11.0	9.2	9.3	34.1	173	187	113	40	167.0	89.7	36.5	25.1	74.8	Jun 28	294	24.0	1969
1970	16.6	11.9	13.5	34.0	98	163	72	40	27.8	81.9	11.6	7.8	43.3	Jul 11	1130	57.1	1970
1971	6.8	7.2	7.1	39.2	110	342	411	75	84.0	51.1	28.2	16.7	96.6	Jul 24	833	69.3	1971
1972	10.1	8.6	8.5	18.2	165	291	270	193	82.5	119.0	48.5	26.1	103.8	Jun 18	501	35.7	1972
1973	20.2	15.7	14.8	56.4	169	235	134	45	38.9	27.5	12.3	9.3	65.1	Jul 17	1458	51.6	1973
1974	9.9	11.4	11.9	53.5	131	155	254	71	63.8	56.1	32.0	14.1	72.4	Jun 29	839	20.7	1974
1975	5.3	3.1	2.6	11.3	93	151	119	61	26.7	17.7	10.2	12.8	43.0	Aug 14	2237	74.4	1975
1976	8.8	7.9	7.6	15.5	111	246	227	639	120.0	121.0	34.6	22.4	131.0	Jun 10	770	44.0	1976
1977	16.5	17.9	15.3	41.9	146	178	116	116	95.3	77.0	35.0	18.1	85.7	May 30	411	36.1	1977
1978	14.6	11.6	10.7	20.7	143	224	64	41	52.7	37.5	31.7	16.6	55.8	Jul 04	725	43.8	1978
1979	8.0	5.8	7.1	17.4	66	143	222	65	145.0	73.5	33.7	14.0	67.0	Jun 19	771	50.6	1979
1980	7.8	5.6	8.1	16.5	37	190	163	72	83.8	65.5	27.8	19.7	58.2	May 28	872	37.4	1980
1981	15.1	11.5	10.6	68.7	422	281	127	63	60.4	34.0	22.3	17.1	94.9	May 19	465	34.7	1981
1982	11.8	10.3	9.5	38.4	198	217	125	67	45.8	31.2	15.2	10.1	66.5	Jul 08	626	29.5	1982
1983	13.2	11.5	9.7	26.9	85	216	241	67	35.6	27.2	23.2	16.0	63.6	Jun 09	894	35.1	1983
1984	8.2	9.2	10.4	17.5	120	399	116	46	67.5	52.4	23.6	17.4	73.7	Jun 24	453	36.0	1984
1985	12.6	9.2	9.1	23.2	56	168	130	44	118.0	51.1	18.4	16.7	54.7	Jul 16	941	32.9	1985
1986	14.0	10.3	9.4	22.7	114	123	213	93	45.5	60.4	30.5	19.9	63.5	Aug 02	1050	65.6	1986
1987	14.4	12.0	9.8	33.6	143	229	211	311	87.6	50.3	25.9	16.0	96.0	Jun 07	575	27.6	1987
1988	11.0	10.9	11.2	50.9	193	218	113	53	31.7	30.6	22.4	19.0	63.8	May 11	314	39.8	1988
1989	11.9	9.1	10.0	33.1	206	198	149	116	56.8	45.5	20.5	18.5	73.3	Jun 02	2236	8.30	1989
1990	12.4	8.6	9.5	29.0	218	497	183	43	25.3	19.9	14.3	11.6	89.4	Jun 05	366	22.2	1990
1991	9.1	10.1	9.3	19.9	130	198	110	30	36.3	31.3	17.8	13.9	51.4	Jun 11	478	19.0	1991
1992	10.4	10.1	14.7	53.5	107	228	83	26	24.8	41.0	18.6	11.6	52.3	Aug 25	924	64.2	1992
1993	8.3	7.7	8.3	21.9	100	306	306	266	112.0	43.1	23.4	18.0	98.7	Jul 04	1257	50.3	1993
1994	14.3	12.3	15.1	64.6	155	233	233	97	55.0	36.5	20.3	20.0	80.1	Jul 05	984	44.3	1994
1995	11.7	10.6	11.8	20.8	99.1	194	296	135	72.3	36.2	25.4	22.0	78.5	Average	864	44.0	1995
Normal	12.7	10.7	10.3	32.9	157	243	178	108	68.6	51.4	26.5	17.3	76.7	10-Year	1543	24.0	m ³ /s
	4	3	3	9	45	67	51	31	19	15	7	5	259			5.63	m ³ /s

Medion Elevation = ? m

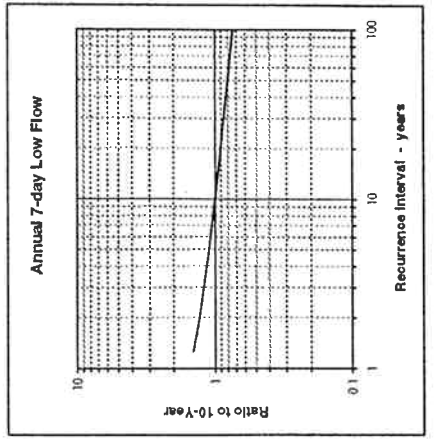
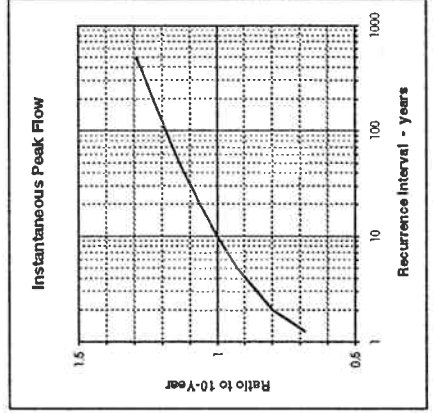
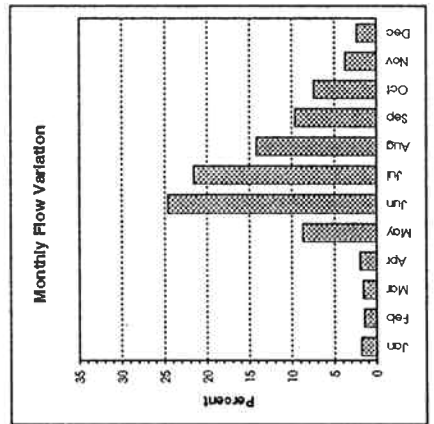
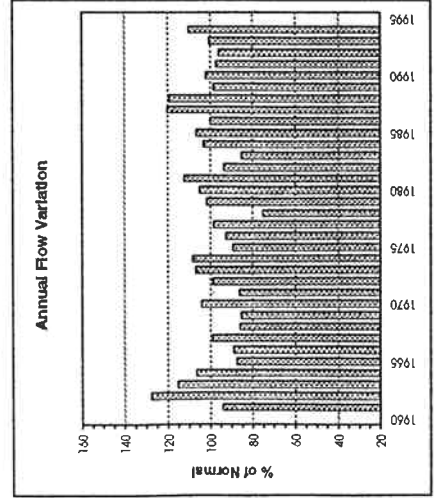
9350 km²

Drainage Area =



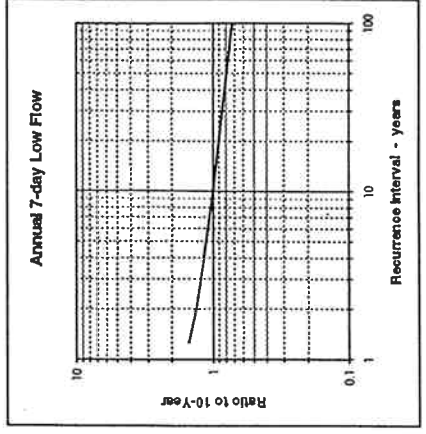
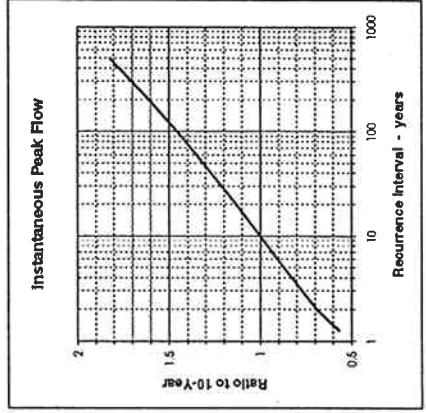
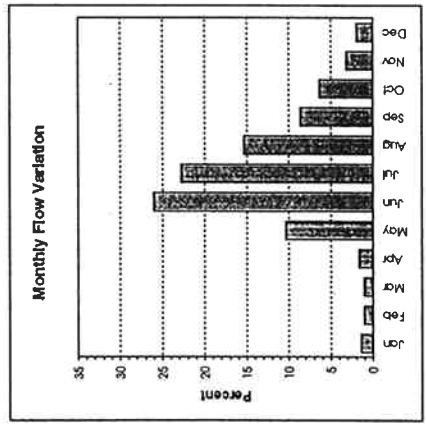
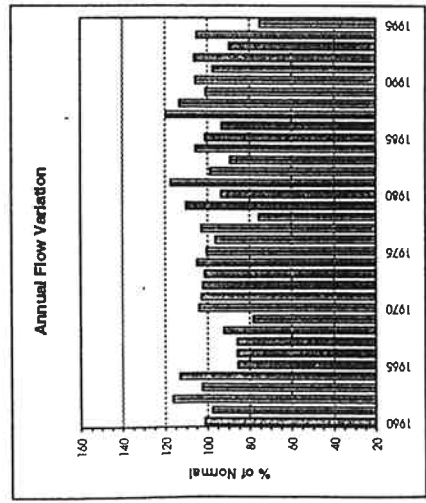
KECHIKA RIVER ABOVE BOYA CREEK 10BB002

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	36.6	29.4	26.2	27.3	121	520	331	215	155	122.0	65.5	42.9	141	Jun 23	640	119	1960
1961	26.3	24.2	24.8	30.9	148	304	331	193	185	104.0	65.2	36.7	123	Jul 14	481	137	1961
1962	23.7	21.8	21.2	37.3	151	389	227	230	168	103.0	54.1	35.2	122	Jun 12	597	136	1962
1963	27.7	26.6	27.3	31.6	97	327	327	259	204	165.0	79.0	40.7	149	Jun 05	714	185	1963
1964	30.5	26.1	25.2	31.3	143	451	268	200	131	88.5	51.8	30.2	123	Jun 25	657	106	1964
1965	18.4	14.9	14.4	24.7	164	548	299	251	142	125.0	54.0	35.0	141	Jun 02	875	120	1965
1966	29.7	26.0	26.4	30.3	165	486	443	239	198	94.4	48.1	36.7	152	Jun 28	634	137	1966
1967	29.5	26.4	25.8	29.1	97	301	488	345	178	188.0	90.4	46.8	155	Jul 18	745	141	1967
1968	39.0	36.6	32.7	33.5	95	310	402	277	126	88.1	44.9	37.1	128	Jun 30	665	109	1968
1969	30.5	25.6	23.9	33.7	146	436	372	255	129	95.1	56.0	33.0	140	Jun 21	646	117	1969
1970	34.4	29.0	25.4	46.1	167	436	372	255	129	95.1	56.0	33.0	140	Jun 21	646	117	1970
1971	24.9	21.9	21.3	35.2	82	315	188	198	117	125.0	66.4	44.1	107	Jun 09	433	112	1971
1972	33.1	25.2	29.3	32.9	117	426	472	217	152	120.0	75.8	36.9	145	Jul 02	634	133	1972
1973	28.9	29.7	26.9	27.1	153	352	403	229	198	205.0	92.1	52.0	150	Jul 04	719	140	1973
1974	42.2	36.3	35.2	54.3	332	502	354	200	166	104.0	72.7	36.6	160	Jul 17	686	121	1974
1975	26.7	28.1	28.5	29.5	99	489	300	196	163	115.0	65.3	38.6	133	Jun 15	732	130	1975
1976	31.1	28.9	27.0	31.6	123	418	272	202	140	95.7	56.4	31.5	122	Jun 02	690	118	1976
1977	24.4	24.6	29.1	44.4	96	422	381	341	199	111.0	55.4	37.9	147	Jun 25	685	143	1977
1978	32.2	23.6	25.5	34.9	142	353	467	217	252	161.0	63.7	43.3	152	Jul 12	649	161	1978
1979	36.5	25.1	30.2	36.3	86	369	464	203	112	192.0	86.8	61.3	143	Jul 15	698	96.8	1979
1980	41.3	32.1	32.2	36.3	165	472	468	241	241	188.0	61.4	37.1	172	Jul 04	763	176	1980
1981	34.9	31.4	32.0	46.0	225	542	451	288	156	114.0	45.5	45.5	170	Jun 13	864	116	1981
1982	32.7	29.2	26.8	45.4	217	436	297	249	141	103.0	63.3	37.8	140	Jun 06	612	110	1982
1983	30.5	27.3	27.7	32.6	198	624	332	188	119	77.1	50.1	36.3	146	Jun 03	1030	104	1983
1984	30.4	27.1	25.6	46.6	219	359	308	196	196	140.0	72.7	48.2	139	Jun 30	509	172	1984
1985	38.0	32.7	30.9	54.8	126	545	310	167	112	130.0	56.9	40.3	137	Jun 17	840	89.3	1985
1986	27.4	23.4	22.8	51.7	300	448	320	208	126	104.0	52.5	31.1	144	May 31	597	107	1986
1987	24.1	20.2	18.1	37.8	202	418	454	262	216	125.0	53.2	44.9	157	Jul 11	679	169	1987
Normal	31.1	27.1	26.9	34.3	147	428	363	239	167	124	64.8	39.6	143	Average	684	131	24.3
mm	7	6	6	8	35	99	87	57	39	30	15	9	402	10-Year	849	101	19.1



KWADACHA RIVER NEAR WARE 7EA002

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	8.80	6.79	5.65	21.3	101.0	187	106	69.5	46.9	34.0	17.0	6.8	51.6	May 25	346	36.7	1960
1961	7.93	7.43	5.58	8.7	39.1	185	190	145.0	59.7	33.0	20.1	8.5	49.8	Jun 27	264	26.4	1961
1962	7.93	7.93	7.19	6.3	89.0	132	161	89.0	59.7	30.3	19.2	12.9	59.3	Jul 11	237	41.7	1962
1963	10.40	7.36	7.24	14.6	41.6	235	150	105.0	44.2	41.8	22.6	10.6	52.3	Jun 12	330	44.8	1963
1964	9.50	9.18	8.56	9.5	35.6	127	115	91.7	54.0	35.3	16.7	8.8	43.6	Jun 01	186	32.7	1964
1965	6.77	5.92	5.22	14.2	54.2	131	102	91.0	48.4	32.6	19.7	12.8	43.9	Jun 17	220	37.7	1965
1966	8.46	6.90	5.95	7.0	40.2	173	114	56.2	41.9	28.9	24.5	15.6	43.8	Jun 22	223	32.1	1966
1967	8.12	6.48	6.11	8.7	50.0	122	114	47.1	47.1	36.9	22.9	11.4	47.1	Jul 22	190	38.3	1967
1968	4.00	3.06	4.26	11.4	49.2	150	84	66.2	42.2	29.7	18.4	12.3	40.0	Jun 11	225	38.1	1968
1969	8.02	6.36	5.99	6.2	45.5	211	123	82.2	55.0	67.0	23.1	11.3	53.0	Jun 16	297	44.9	1969
1970	7.56	5.98	5.96	7.7	58.3	215	103	111.0	49.3	39.8	13.1	8.4	52.1	Jun 14	413	36.7	1970
1971	7.87	7.55	8.05	14.0	85.5	131	148	90.3	67.2	31.9	14.9	9.9	51.7	Jul 10	207	44.1	1971
1972	7.43	7.35	6.26	5.5	42.4	130	185	127.0	44.1	28.4	15.4	9.5	51.3	Jul 04	252	41.6	1972
1973	6.80	6.80	5.93	6.7	59.3	125	143	119.0	46.3	37.4	16.9	12.1	49.1	Jul 02	229	37.1	1973
1974	6.78	6.24	5.64	12.4	28.7	129	81	71.9	43.5	37.5	26.2	13.1	52.4	Jun 05	191	28.1	1974
1975	8.69	6.71	6.00	6.1	48.5	185	200	84.0	47.7	39.7	22.1	15.2	56.1	Jul 03	335	44.2	1975
1976	9.35	6.54	5.81	54.8	72.1	132	132	72.1	54.8	41.5	24.3	15.1	47.7	Jun 19	216	47.7	1976
1977	11.30	7.78	6.65	7.4	134.0	161	132	94.4	77.7	41.5	24.3	15.1	59.8	May 28	372	52.6	1977
1978	8.70	6.56	6.02	6.8	30.0	194	122	90.6	71.3	36.4	17.5	11.3	50.2	Jun 20	264	45.1	1978
1979	6.91	5.97	5.99	10.1	39.0	159	144	135.0	59.5	41.6	20.2	16.3	45.5	Jun 14	248	37.3	1979
1980	10.00	6.69	6.18	9.4	66.4	141	170	77.0	64.3	36.9	15.9	10.0	51.4	Jun 04	263	47.1	1980
1981	9.85	7.61	5.91	7.4	38.4	147	163	70.3	30.2	52.5	21.2	13.5	47.5	Jul 15	259	24.2	1981
1982	11.50	8.62	6.97	10.0	77.9	178	151	93.4	95.9	57.9	22.3	13.9	60.9	Jun 23	330	58.0	1982
1983	7.92	7.31	6.81	6.81	111.0	161	165	111.0	50.2	57.9	16.6	9.6	57.7	Jul 15	259	31.8	1983
1984	8.08	7.04	6.42	15.9	99.8	156	105	95.0	51.4	32.3	21.3	14.8	51.4	Jun 05	215	36.8	1984
1985	8.50	6.03	6.94	13.3	126.0	217	116	70.4	37.9	18.6	12.8	10.2	53.8	Jun 01	489	30.2	1985
1986	6.92	6.78	5.03	12.7	83.2	112	116	76.9	74.0	54.9	26.8	17.9	49.7	Jun 29	169	61.5	1986
1987	10.00	8.09	8.37	22.1	74.6	216	120	58.9	39.2	54.2	23.2	15.9	54.2	Jun 17	312	26.4	1987
1988	7.00	5.78	5.46	14.4	106.0	142	95	68.5	37.4	29.3	21.1	12.3	45.6	Jun 05	195	28.1	1988
1989	9.27	5.82	5.59	13.6	91.7	148	137	90.5	75.6	22.3	17.6	11.3	53.5	Jun 08	225	54.8	1989
1990	8.55	7.27	6.35	15.3	77.9	112	87	59.2	41.1	22.3	12.1	7.8	38.2	Jun 16	175	35.0	1990
Normal	8.46	6.85	6.28	10.2	62.3	162	137	92.4	53.3	38.2	19.7	12.0	50.9	Average	263	39.4	m ³ /s
mm	9	7	7	11	69	174	152	103	57	42	21	13	667	10-Year	358	28.4	m ³ /s

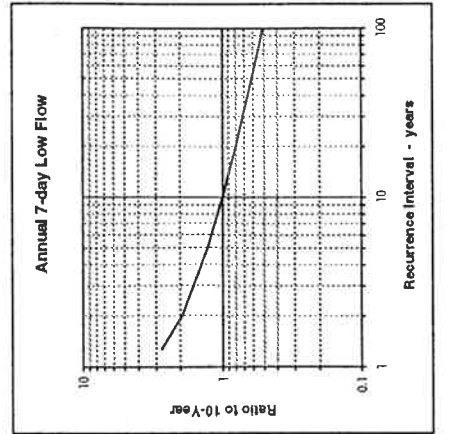
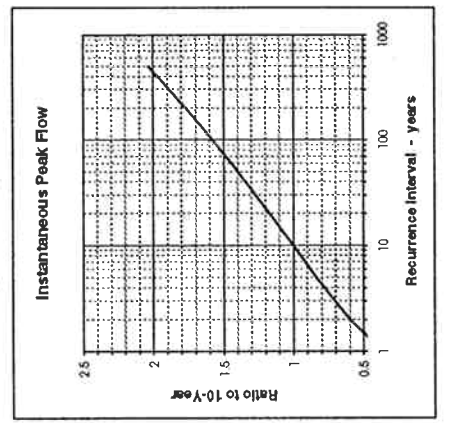
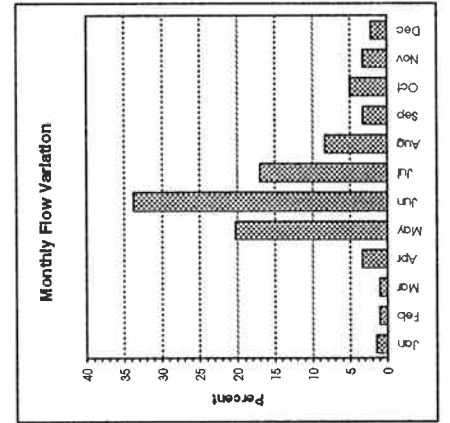
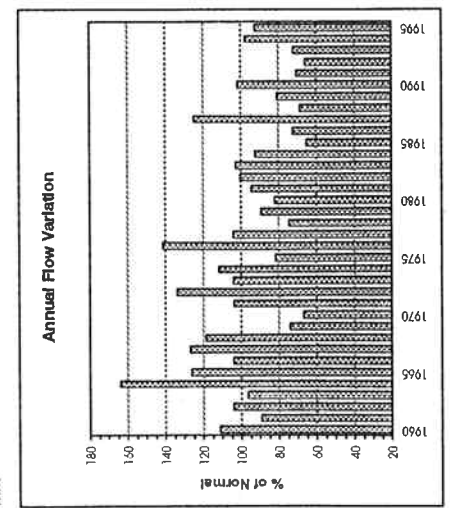


MOBERLY RIVER NEAR FORT ST. JOHN 7FB008

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	m ³ /s
1960	2.70	1.80	1.10	6.50	27.4	54.9	38.8	14.8	7.90	13.80	6.70	3.50	15.0				1960	
1961	3.10	2.70	2.00	4.80	36.6	42.6	17.1	6.0	5.30	12.50	7.90	3.30	12.0				1961	
1962	2.70	3.40	2.30	6.80	27.0	51.1	31.4	14.4	2.40	10.40	10.20	5.80	14.0				1962	
1963	4.70	3.40	2.80	13.40	38.9	50.0	19.7	7.7	2.70	7.30	2.00	3.20	13.0				1963	
1964	2.70	1.80	0.70	2.40	27.6	107.0	51.4	39.0	9.00	12.10	6.70	4.40	22.1				1964	
1965	3.70	3.90	3.80	9.60	25.4	63.6	51.4	10.8	1.70	19.70	6.80	2.90	17.0				1965	
1966	2.10	1.30	0.90	6.50	38.8	46.6	33.1	15.1	6.00	7.00	6.50	3.80	14.1				1966	
1967	2.70	1.70	1.30	2.00	43.7	95.6	26.7	10.6	1.70	9.80	4.70	4.30	17.1				1967	
1968	2.10	2.60	3.70	5.20	35.3	75.4	29.6	11.1	4.20	9.30	9.20	4.50	16.0				1968	
1969	2.20	0.90	0.50	3.40	28.3	31.9	12.2	8.9	15.00	6.00	5.40	4.00	10.0				1969	
1970	2.30	1.60	1.40	3.00	21.1	43.2	13.7	8.8	4.40	4.10	2.70	1.70	9.0				1970	
1971	1.50	1.10	0.80	4.50	29.2	59.4	39.3	8.7	5.00	11.20	3.50	3.10	14.0				1971	
1972	1.80	0.70	2.60	3.40	46.6	90.8	32.6	12.2	1.40	13.80	5.80	4.50	18.0				1972	
1973	2.60	2.00	2.60	7.70	43.7	57.8	22.9	9.4	5.90	6.70	3.00	3.00	14.0				1973	
1974	2.20	1.90	1.90	9.50	34.4	63.8	32.3	11.2	3.00	14.10	2.70	2.80	15.0				1974	
1975	2.10	1.20	0.80	2.10	22.1	53.7	26.8	9.1	2.60	2.10	4.90	4.10	11.0				1975	
1976	2.50	1.20	0.70	5.10	42.7	71.5	46.3	36.8	6.30	5.90	4.60	4.20	19.0				1976	
1977	2.90	3.00	2.60	11.30	36.1	46.7	28.0	12.6	7.40	9.70	4.70	2.70	14.0				1977	
1978	2.00	1.30	1.00	4.40	31.0	64.9	22.2	7.6	5.60	7.60	2.60	2.10	12.0				1978	
1979	1.90	0.80	1.30	4.40	31.0	64.9	22.2	7.6	2.00	3.50	2.60	2.10	12.0				1979	
1980	0.60	0.48	0.50	1.79	13.3	41.7	24.5	10.6	13.50	13.50	7.17	4.83	11.0				1980	
1981	3.63	2.71	2.61	8.46	61.8	51.5	11.4	3.4	1.41	1.40	2.27	1.71	12.7				1981	
1982	1.22	0.97	0.86	2.24	18.8	43.5	39.2	23.6	8.97	6.49	10.10	5.30	13.5				1982	
1983	2.97	1.92	1.62	7.44	37.5	56.7	14.9	4.49	4.49	4.47	3.49	2.07	13.9				1983	
1984	1.65	1.55	1.94	3.26	24.6	58.3	21.7	5.2	7.55	12.80	7.30	3.62	12.4				1984	
1985	2.62	1.98	2.04	5.32	26.4	36.1	10.5	3.0	5.20	7.11	3.01	2.07	8.8				1985	
1986	2.03	1.69	1.87	3.09	19.7	44.3	19.0	8.6	3.12	4.23	4.23	3.22	9.8				1986	
1987	2.37	1.83	1.35	8.89	40.8	40.4	24.5	55.3	11.70	4.06	5.11	4.35	16.8				1987	
1988	1.90	0.91	1.09	7.09	33.0	43.3	11.3	4.2	2.61	2.64	1.73	1.19	9.2				1988	
1989	0.99	0.82	0.86	2.84	31.4	30.9	20.4	12.9	11.20	5.64	6.13	5.57	10.9				1989	
1990	3.91	1.87	2.55	8.46	38.2	83.2	17.0	4.0	1.77	1.15	1.03	1.44	13.7				1990	
1991	1.48	1.88	2.04	5.41	32.0	39.6	14.2	3.1	2.40	3.80	4.20	3.34	9.5				1991	
1992	2.51	1.96	8.08	14.80	24.7	30.6	9.7	2.5	0.61	5.67	3.66	1.50	8.9				1992	
1993	0.70	0.47	0.61	1.54	23.0	18.7	25.5	22.1	13.00	5.41	2.92	1.62	9.7				1993	
1994	1.71	1.76	2.41	15.70	47.6	48.7	19.5	6.3	3.44	3.56	2.23	2.41	13.2				1994	
1995	1.63	1.29	1.49	3.41	40.9	36.3	43.5	8.8	4.22	2.69	2.23	1.93	12.5				1995	
Normal	2.39	1.77	1.70	5.61	32.2	55.4	25.9	13.2	5.44	7.97	5.34	3.46	13.5	Average	73.8	3.90	1.09	m ³ /s
	4	3	3	10	57	94	47	23	9	14	9	6	280	10-Year	113	1.01	0.533	m ³ /s

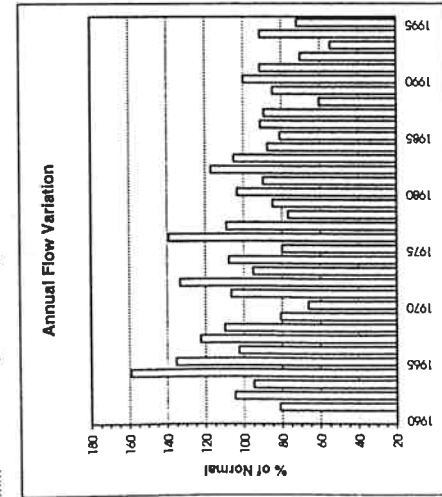
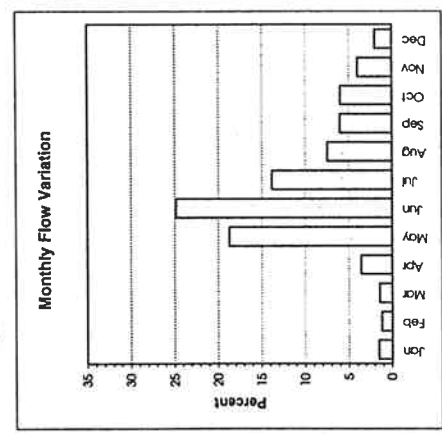
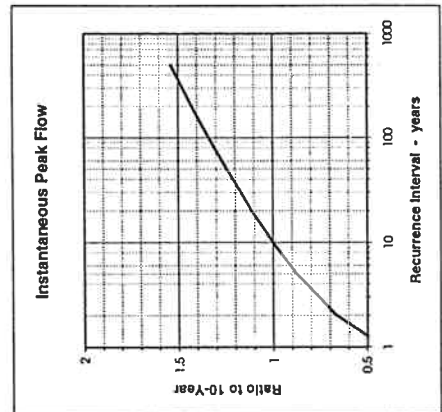
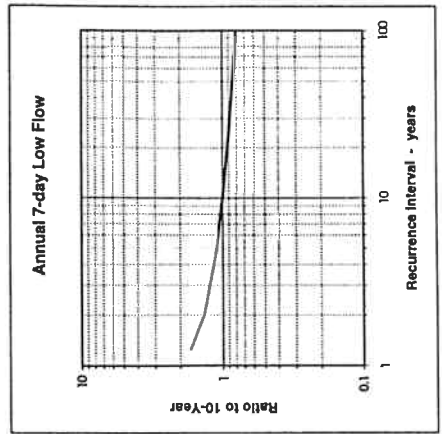
Median Elevation = 926 m

Drainage Area = 1520 km²



MURRAY RIVER NEAR THE MOUTH 7FB002

Year	Monthly and Annual Discharge in m ³ /s												Annual	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1960	15.1	12.2	11.1	27.1	156	201	110	80.3	91.7	103.0	45.7	20.1	77.4	1960
1961	13.9	10.3	12.9	25.1	172	395	183	61.7	38.7	35.1	12.2	9.5	99.9	1961
1962	8.5	8.3	7.7	35.3	193	296	180	110.0	151.0	106.0	52.8	34.3	90.6	1962
1963	27.2	28.2	31.4	47.8	358	241	106	47.9	28.8	30.0	54.7	23.0	152.0	1963
1964	13.6	11.5	9.8	17.4	211	361	290	161.0	137.0	66.3	39.6	26.3	129.2	1964
1965	17.4	13.4	13.4	64.6	211	262	311	84.6	73.6	67.9	59.9	17.7	116.9	1965
1966	14.8	16.3	17.7	32.6	118	246	123	60.7	94.4	187.0	62.5	28.2	106.0	1966
1967	19.1	12.1	13.7	35.9	190	247	108	61.1	109.0	75.3	34.9	19.3	76.9	1967
1968	17.5	15.7	26.7	51.0	229	308	182	60.2	40.7	56.1	31.0	22.3	63.3	1968
1969	24.3	21.1	16.2	60.3	230	247	92	183.0	41.9	32.8	19.9	14.9	101.8	1969
1970	13.3	13.2	16.0	50.4	171	192	92	50.3	24.2	35.3	19.9	14.9	127.2	1970
1971	11.7	11.7	10.3	30.8	238	286	110	80.1	43.7	43.4	62.4	36.8	101.8	1971
1972	16.2	16.2	21.1	60.9	269	466	135	32.1	32.1	30.3	22.4	17.2	102.8	1972
1973	13.7	13.7	14.7	95.9	278	299	121	56.4	46.0	52.6	31.8	14.1	76.3	1973
1974	18.4	15.2	40.4	102.0	157	185	57	32.4	65.9	84.2	40.4	21.1	132.8	1974
1975	9.7	8.8	10.1	29.0	163	90	115	63.8	34.0	35.7	40.4	18.4	104.1	1975
1976	13.0	10.8	20.9	115.0	270	275	146	54.2	44.7	45.0	27.5	19.1	76.3	1976
1977	15.8	15.5	18.8	45.9	246	184	101	80.1	35.5	33.8	21.7	19.1	132.8	1977
1978	17.0	14.6	16.0	41.5	210	288	156	84.1	69.9	67.3	46.1	22.1	104.1	1978
1979	8	6	8	19	100	133	74	40	32	32	21	11	73.2	1979
1980	8	6	8	19	100	133	74	40	32	32	21	11	81.0	1980
1981	13.7	13.7	14.7	95.9	278	299	121	56.4	46.0	52.6	31.8	14.1	81.0	1981
1982	18.4	15.2	40.4	102.0	157	185	57	32.4	65.9	84.2	40.4	21.1	98.7	1982
1983	9.7	8.8	10.1	29.0	163	90	115	63.8	34.0	35.7	40.4	18.4	98.7	1983
1984	13.0	10.8	20.9	115.0	270	275	146	54.2	44.7	45.0	27.5	18.4	85.7	1984
1985	15.8	15.5	18.8	45.9	246	184	101	80.1	35.5	33.8	21.7	19.1	77.3	1985
1986	17.5	15.7	26.7	51.0	229	308	182	60.2	40.7	56.1	31.0	22.3	87.0	1986
1987	24.3	21.1	16.2	60.3	230	247	92	183.0	41.9	32.8	19.9	14.9	85.2	1987
1988	13.3	13.2	16.0	50.4	171	192	92	50.3	24.2	35.3	19.9	14.9	57.8	1988
1989	11.7	11.7	10.3	30.8	238	286	110	80.1	43.7	43.4	62.4	36.8	80.8	1989
1990	23.4	16.2	21.1	60.9	269	466	135	32.1	32.1	30.3	22.4	17.2	95.4	1990
1991	13.7	13.7	14.7	95.9	278	299	121	56.4	46.0	52.6	31.8	14.1	87.0	1991
1992	18.4	15.2	40.4	102.0	157	185	57	32.4	65.9	84.2	40.4	21.1	66.9	1992
1993	9.7	8.8	10.1	29.0	163	90	115	63.8	34.0	35.7	40.4	18.4	52.1	1993
1994	13.0	10.8	20.9	115.0	270	275	146	54.2	44.7	45.0	27.5	18.4	87.0	1994
1995	15.8	15.5	18.8	45.9	246	184	101	80.1	35.5	33.8	21.7	19.1	68.5	1995
Norma	17.0	14.6	16.0	41.5	210	288	156	84.1	69.9	67.3	46.1	22.1	95.4	m ³ /s
mm	8	6	8	19	100	133	74	40	32	32	21	11	536	m ³ /s



MURRAY RIVER ABOVE WOLVERINE RIVER 7FB006

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Jun-Sep	Annual	Year
1960	11.4	8.53	7.5	17.2	101	143	70.8	60.1	46.4	53.8	33.3	16.7	52.7	Jun 05	269	38.3	13.4	1960
1961	9.79	7.22	9.07	18.5	124	253	127	43.7	26.3	26.2	76.9	18.6	51.4	Jun 04	413	20.4	7.13	1961
1962	6.07	5.85	5.44	25.7	137	187	102	64.7	90.4	61.8	10.7	6.91	55.4	Jun 18	311	52.6	6.40	1962
1963	20.4	21.5	24.5	35	240	151	82.3	41.6	22.7	20.6	30.5	24.8	61.8	May 22	450	13.6	5.34	1963
1964	8.86	7.42	6.44	11.3	242	185	185	83.5	95.9	40.8	39.6	15.8	59.9	Jul 16	669	51.4	5.88	1964
1965	10.6	8.82	8.78	33.8	125	137	118	45.3	45.2	38	34.2	13.6	51.8	Oct 09	419	32.0	8.16	1965
1966	11	10.9	10.2	22.6	73.3	164	89.7	43.8	62.3	97.5	35.5	22.4	53.6	May 22	287	25.2	8.45	1966
1967	13.8	9.18	10.8	21.5	142	166	86.7	41.8	65.9	43.1	19.7	11.8	52.9	May 27	445	15.2	9.01	1967
1968	11.8	10.4	15.4	26.2	132	222	122	43.8	24.6	28.7	42.5	14.5	60.2	Jun 13	408	23.0	10.6	1968
1969	15.6	13.6	10.9	38.4	184	189	77.1	75.7	30.2	32.3	16.8	11.7	44.9	May 13	288	13.9	8.04	1969
1970	9.17	8.61	9.54	33.3	142	143	64.2	42.8	24.5	37	57.1	31.4	57.6	Jun 10	362	28.3	6.26	1970
1971	9.56	7.8	6.79	17.1	147	201	81.8	57.6	20.1	18.2	13.9	10.8	62.4	Jun 11	872	17.4	9.67	1971
1972	15.8	10.8	14.2	36.2	159	310	100	39.4	38.3	48.6	25	19.3	62.4	Oct 25	286	26.0	7.88	1972
1973	8.46	8.52	9.27	49.5	186	196	104	53	67.8	79	25.9	11.6	55.8	May 14	294	15.7	7.66	1973
1974	15.4	12.1	24	78.1	123	159	49.9	40.3	22	24.5	29.7	14.8	35.5	Jun 14	307	26.3	6.15	1974
1975	8.01	6.83	6.53	21.2	120	63.3	65.8	40.2	32.8	34.3	18	12.5	58.8	May 16	326	18.0	9.97	1975
1976	9.74	8.05	15.8	71.7	185	177	97.8	59.1	25.2	24.7	17.8	13.8	47.3	Average	387	26.0	8.40	1976
1977	10.8	10.2	11.5	21.5	165	137	67.3	59.1	45.3	40.9	32.6	16.4	61.3	10-Year	573	14.2	5.00	1977
Normal	11.8	10.0	10.7	25.9	140	193	101	52.6	45.3	45	35	18	803					

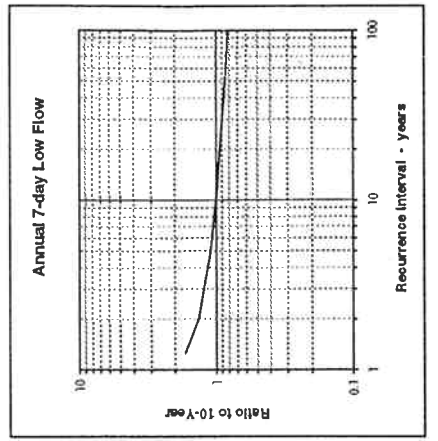
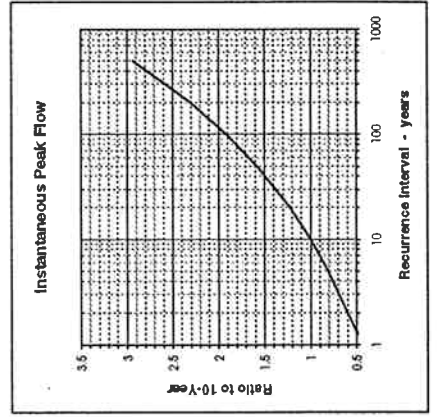
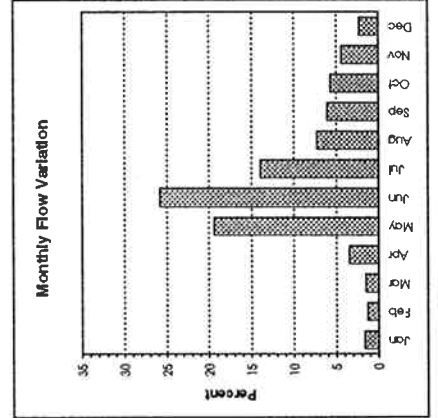
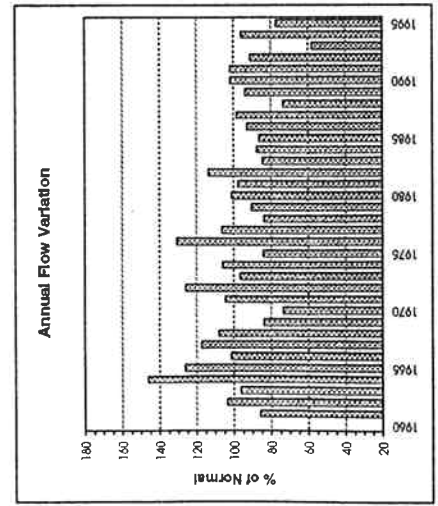
Median Elevation = 1297 m

2410 km²

Drainage Area =

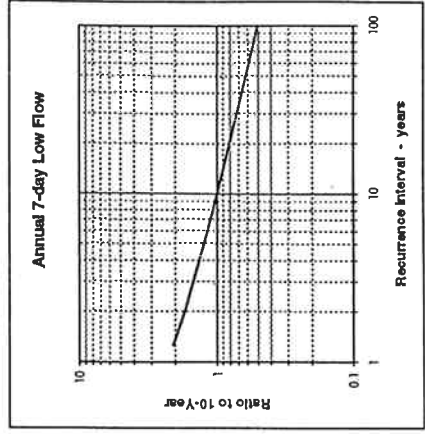
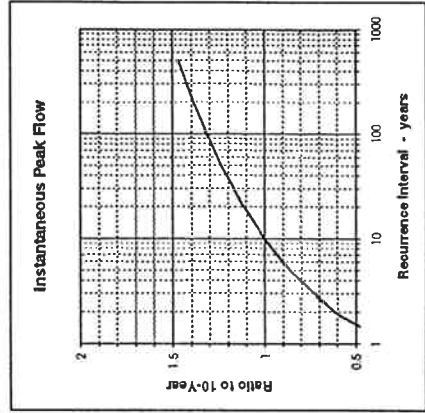
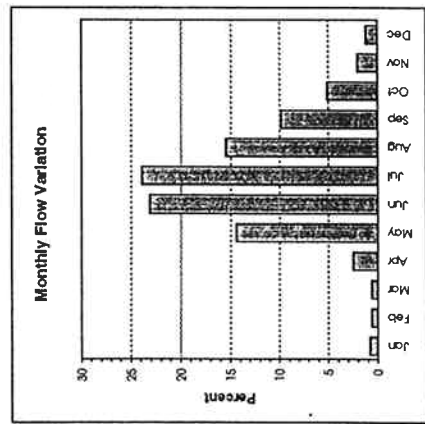
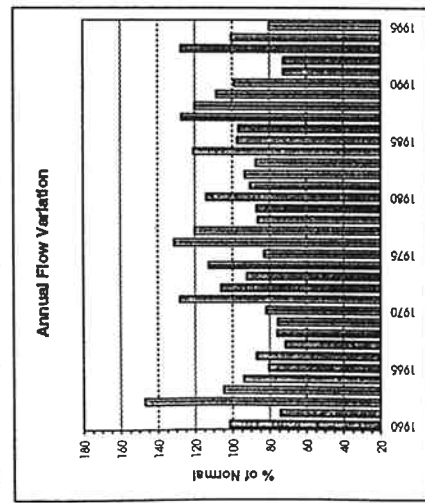
Monthly and Annual Discharge in m³/s

7-Day Low Flow



MUSKWA RIVER NEAR FORT NELSON 10CD001

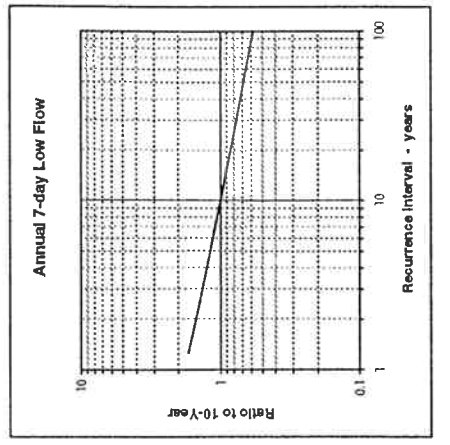
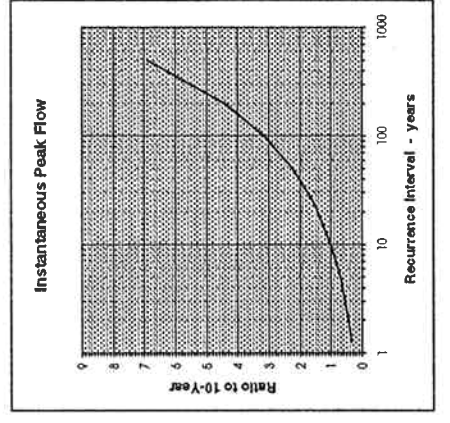
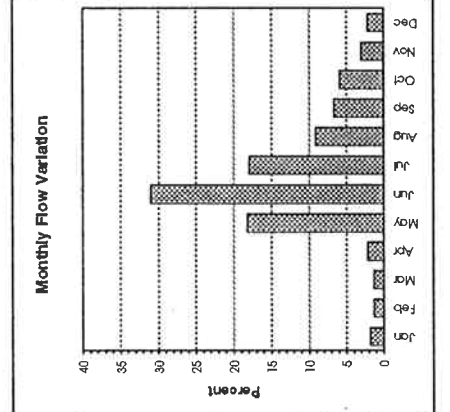
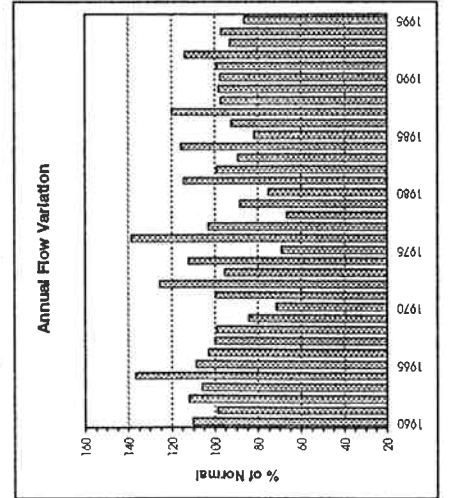
Year	Monthly and Annual Discharge in m ³ /s												Drainage Area =	20,300 km ²	Median Elevation = 992 m	Instantaneous Peak Flow		7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date	m ³ /s	Jun-Sep	
1960	22.1	16.0	23.3	22.0	286	428	549	473	449	115	58.4	30.8	223	Aug 14	1324	180	14.5	1960		
1961	25.1	18.6	15.4	19.7	338	662	443	196	116	75	33.2	14.2	164	Jun 30	3329	93.0	14.2	1961		
1962	10.9	7.8	6.4	6.2	444	808	897	1010	409	443	63.8	38.4	323	Aug 15	2886	214	6.23	1962		
1963	28.1	21.2	16.2	158.0	592	364	709	412	248	99	50.0	40.0	230	Jul 11	2050	155		1963		
1964	30.0	24.0	15.9	40.0	333	660	420	524	193	136	69.6	25.4	207	Aug 01	1446	123		1964		
1965	18.7	17.8	17.6	64.7	298	298	500	298	243	134	35.3	21.5	177	Jun 29	2028	171	17.4	1965		
1966	18.5	12.1	11.2	15.9	312	379	27.6	312	900	77	35.5	27.6	191	Jul 12	2469	104	10.3	1966		
1967	25.4	20.2	16.9	18.3	409	443	429	255	109	95	35.3	23.8	158	May 16	790	94.8	15.7	1967		
1968	19.3	17.5	17.8	28.4	242	457	518	320	190	106	48.8	31.7	167	Jun 13	1567	176	16.8	1968		
1969	14.9	7.7	5.9	83.0	384	421	296	162	331	167	75.4	42.0	166	May 05	598	115	5.36	1969		
1970	21.7	16.5	15.5	44.4	476	640	300	238	207	114	57.8	22.4	180	Jun 11	1589	157	14.0	1970		
1971	11.1	8.5	9.2	121.0	238	1310	824	292	362	113	53.8	33.7	282	Jun 16	4337	177	7.82	1971		
1972	20.9	16.4	17.8	83.6	433	624	536	560	208	173	76.5	41.0	234	Jun 23	1882	154	16.1	1972		
1973	32.7	21.8	14.8	104.0	291	751	579	253	208	103	41.9	26.8	203	Jun 18	1799	172	14.3	1973		
1974	16.0	13.9	13.3	145.0	464	409	986	407	242	175	24.7	21.5	248	Jul 17	4250	176	12.3	1974		
1975	17.5	16.9	16.9	21.3	176	592	567	505	139	68	31.1	24.7	183	Jun 28	4620	108	16.0	1975		
1976	20.6	17.7	17.1	76.4	155	756	909	906	329	162	63.7	32.9	288	Jul 13	1987	216	16.5	1976		
1977	24.4	22.9	21.8	64.6	967	967	753	445	240	135	59.9	28.1	264	Jun 10	3400	198	20.8	1977		
1978	21.1	18.6	16.6	82.7	321	466	266	337	525	128	62.6	33.2	190	Sep 02	2770	205	16.0	1978		
1979	14.4	11.4	11.8	55.8	174	402	867	160	394	137	42.0	14.1	191	Jul 02	3280	191	11.2	1979		
1980	11.4	14.2	14.4	58.2	160	784	895	378	324	259	69.6	32.0	251	Jul 24	3300	210	10.1	1980		
1981	27.2	23.1	22.5	30.6	610	575	370	294	237	98	58.1	34.7	199	May 28	2033	134	21.0	1981		
1982	22.9	19.0	18.3	37.7	376	560	376	309	183	87	31.6	20.5	205	May 19	2890	139	15.9	1982		
1983	22.6	19.1	18.4	119.0	239	590	561	376	189	100	44.4	20.8	193	Jun 20	1940	135	17.3	1983		
1984	15.9	15.8	17.8	75.6	439	937	634	462	346	139	59.6	37.7	265	Jun 07	2930	204	14.9	1984		
1985	29.0	21.4	19.7	90.4	218	374	354	354	676	217	81.7	49.1	212	Sep 15	1970	203	18.3	1985		
1986	33.4	24.3	22.3	25.7	365	361	839	264	185	183	89.3	51.3	212	Jul 15	2070	117	21.7	1986		
1987	32.2	24.5	21.7	38.5	247	626	698	939	411	183	72.4	33.8	279	Jul 27	2850	271	20.1	1987		
1988	21.6	18.7	19.7	84.6	749	693	928	296	149	93	57.9	41.3	264	Jul 13	2630	111	17.8	1988		
1989	32.6	23.7	19.0	113.0	534	633	495	523	222	144	55.9	47.9	238	Aug 12	1490	184	18.2	1989		
1990	27.1	21.6	34.2	113.0	514	832	239	143	143	51	26.4	28.3	217	Jun 01	3120	111	19.1	1990		
1991	23.0	21.7	24.7	68.2	207	355	557	215	224	113	61.5	39.9	160	Jul 17	1150	177	20.4	1991		
1992	33.5	23.0	26.8	127.0	243	614	365	210	106	105	37.1	21.7	159	Jun 11	1270	86.4	18.0	1992		
1993	29.0	17.4	15.0	53.3	235	792	832	386	325	173	88.8	36.9	280	Jun 29	2240	216	14.2	1993		
1994	29.0	26.4	25.9	146.0	344	537	756	386	196	114	43.9	34.8	221	Jul 03	2540	178	23.9	1994		
1995	25.9	21.5	20.2	34.3	169	453	374	549	237	121	60.4	41.2	177	Aug 20	1820	171	19.8	1995		
Normal	22.2	17.9	16.9	67.0	374	619	620	401	264	133	54.8	31.7	220	Average	2352	160	15.8	m ³ /s		
min	3	2	2	9	49	79	82	53	34	18	7	4	341	10-Year	3658	105	9.57	m ³ /s		



OSPIKA RIVER ABOVE ALEY CREEK 7EB002

Monthly and Annual Discharge in m³/s Drainage Area = 2,220 km² Median Elevation = 1,620 m 7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	Instantaneous Peak Flow m ³ /s	Jun-Sep	Annual	Year	
1960	10.00	7.54	6.49	6.4	152.0	141	88.0	49.1	44.9	21.0	13.7	10.1	44.4	May 26	692	23.3	6.03	1960	
1961	7.07	6.05	5.91	5.8	51.3	171	69.0	53.2	34.5	35.9	23.8	14.4	39.8	Jun 13	294	27.0	5.40	1961	
1962	10.20	8.01	6.31	14.3	73.6	117	81.4	39.6	30.6	24.9	16.2	8.8	45.2	May 31	277	25.4	6.01	1962	
1963	7.39	6.04	5.86	10.4	43.0	183	122.0	61.5	44.3	45.5	17.3	13.3	42.8	Jun 13	323	28.0	5.36	1963	
1964	8.17	6.13	5.30	7.1	60.6	117	88.1	27.7	34.9	22.3	10.2	6.7	55.1	Jun 03	247	18.9	5.09	1964	
1965	7.19	6.08	5.38	6.0	45.4	135	127.0	41.9	17.7	34.8	11.1	6.8	43.9	Jul 15	582	14.8	4.06	1965	
1966	5.85	5.62	6.10	9.5	92.4	192	81.2	54.4	58.1	38.7	20.3	14.0	41.5	Jun 22	325	34.8	5.30	1966	
1967	7.80	6.68	6.12	17.8	112.0	136	80.1	35.1	19.0	19.2	12.4	8.8	40.3	May 14	262	14.1	6.40	1967	
1968	10.40	7.07	7.47	13.6	118.0	192	56.4	25.8	17.8	9.8	6.6	5.6	34.0	May 31	1360	12.8	4.96	1968	
1969	5.15	6.54	5.43	14.8	121.0	124	69.2	34.9	34.9	42.2	15.8	11.5	28.9	May 20	197	20.1	4.44	1969	
1970	10.10	8.04	8.10	25.9	78.5	194	64.4	23.4	33.4	61.4	29.0	15.7	34.0	Jun 14	298	15.1	7.54	1970	
1971	6.97	6.20	6.10	14.7	123.0	111	79.2	41.0	23.9	14.7	11.6	8.3	38.5	May 21	251	17.8	5.37	1971	
1972	7.03	3.66	3.01	11.3	98.2	128	64.3	43.7	48.5	30.5	17.9	11.5	39.1	Jun 08	239	28.0	2.51	1972	
1973	8.15	7.42	6.59	11.4	105.0	111	64.0	38.6	23.8	18.0	12.7	9.2	27.0	May 15	201	18.1	6.36	1973	
1974	8.45	6.71	6.19	10.8	86.5	152	85.2	43.0	32.7	28.1	15.0	10.1	40.3	Average	386	21.2	5.38	1974	
1975	10	7	7	13	104	178	103	52	38	34	17	12	57.3	10-Year	652	14.0	3.75	1975	
1976																			1976
1977																			1977
1978																			1978
1979																			1979
1980																			1980
1981																			1981
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1995																			1995



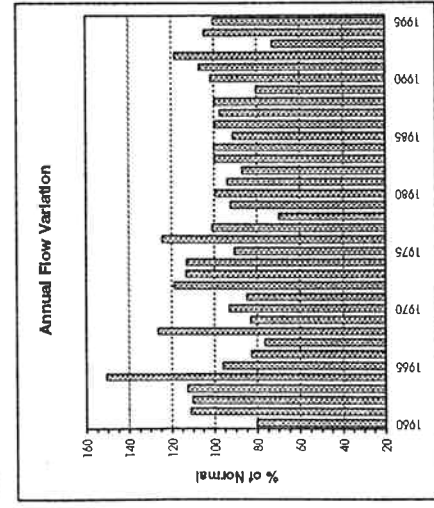
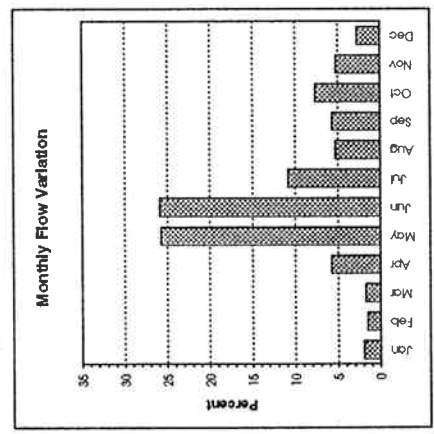
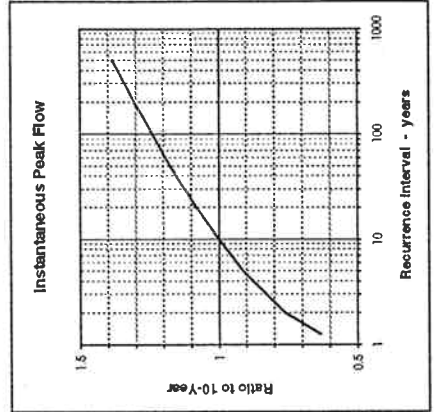
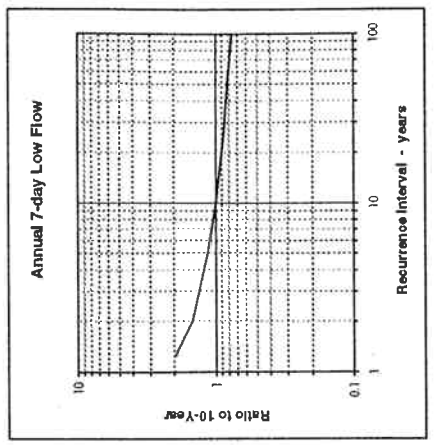
PARSNIP RIVER ABOVE MISINCHINKA RIVER 7EE007

Year	Monthly and Annual Discharges in m ³ /s												Annual	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1960	33.6	26.0	24.2	105	273	287	127	50.7	65	279	103.0	34.3	118	1960
1961	26.3	29.0	24.4	145	527	423	123	45.5	176	241	161.3	24.4	163	1961
1962	18.5	18.5	15.7	33	352	221	224	224.8	89	224	211.4	57.2	161	1962
1963	51.9	51.9	47.2	123	459	463	210	88.6	136	213	73.4	54.1	165	1963
1964	38.5	40.8	36.5	73	483	986	385	288.4	174	96	69.8	22.5	220	1964
1965	21.8	23.2	40.1	76	444	502	169	63.3	38	217	59.6	22.6	140	1965
1966	17.1	16.5	15.1	52	591	307	147	75.1	74	63	55.8	31.1	121	1966
1967	26.8	23.1	17.5	42	321	402	112	42.2	30	196	62.5	112	112	1967
1968	48.1	61.5	78.6	96	482	572	293	67.3	105	166	59.4	51.5	185	1968
1969	20.9	11.7	13.0	136	376	251	60	159.0	171	117	87.7	51.5	122	1969
1970	29.6	23.0	24.7	79	459	541	116	69.3	122	90	46.5	27.8	136	1970
1971	28.5	21.1	18.2	55	316	391	181	57.9	127	132	106.0	53.5	124	1971
1972	25.1	18.2	34.7	90	626	741	215	76.4	42	108	76.3	30.2	174	1972
1973	22.4	24.5	26.1	86	575	593	231	64.4	112	151	55.5	33.0	166	1973
1974	24.1	17.1	17.6	78	498	577	306	83.1	54	211	62.4	46.2	165	1974
1975	35.3	27.4	23.8	78	537	545	374	201.0	131	120	61.3	40.9	182	1975
1976	43.5	45.2	40.9	204	474	372	233	78.7	86	95	62.0	33.5	148	1976
1977	29.2	21.2	24.8	110	284	241	57	74.6	104	116	130.0	34.7	102	1977
1978	23.5	19.3	24.8	63	427	598	223	50.3	43	81	37.1	26.5	135	1978
1979	20.4	18.4	17.4	147	382	216	192	85.0	264	110	126.0	163.0	145	1979
1980	88.7	56.8	49.2	139	587	347	110	43.6	34	52	93.7	44.0	138	1980
1981	25.4	18.4	16.0	21	295	451	217	111.0	148	111	66.8	39.4	127	1981
1982	32.3	27.9	30.5	179	360	301	239	133.0	147	121	121.0	43.7	146	1982
1983	32.5	30.0	32.7	144	275	416	186	73.2	161	275	55.5	27.9	133	1983
1984	30.7	26.5	25.6	103	460	432	128	48.5	148	149	63.0	27.9	146	1984
1985	26.8	47.2	47.2	103	401	585	219	63.6	42	99	94.1	38.9	146	1985
1986	32.1	35.7	60.5	131	499	416	102	75.7	49	70	158.0	73.9	142	1986
1987	43.0	33.0	31.9	205	548	366	144	89.6	57	96	84.2	51.1	146	1987
1988	33.9	21.1	17.4	130	417	280	86	52.6	48	93	139.0	86.7	117	1988
1989	74.2	34.7	29.5	163	497	610	137	46.8	31	78	46.2	32.1	149	1989
1990	29.9	32.6	31.6	182	535	430	137	70.0	74	175	79.2	93.1	156	1990
1991	85.3	91.4	113.0	302	377	409	81	32.8	210	233	90.6	36.4	173	1991
1992	21.7	30.1	30.1	158	415	153	118	90.7	50	68	99.0	40.5	106	1992
1993	39.8	29.6	35.7	246	547	391	178	49.4	78	125	66.1	39.6	153	1993
1994	38.5	40.9	45.4	168	474	308	146	171.0	59	148	79.5	75.1	147	1994
1995	33.3	28.0	30.2	103	444	461	187	91.7	101	132	92.5	47.1	146	1995
Normal	18	14	17	55	243	244	102	50	53	72	49	26	942	m ³ /s
														10-Year
														Average
														854
														23.1
														46.5
														27.6
														14.7

Median Elevation = 1086 m
Drainage Area = 4900 km²
7-Day Low Flow

Instantaneous Peak Flow
date
m³/s

Annual 7-day Low Flow
Jun-Sep
Annual



PINE RIVER AT EAST PINE 7FB001

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	42.2	36.2	30.1	112.0	510	696	496	189	176	247	119	51.0	226	May 24	1708	50.1	1960
1961	49.8	49.8	42.5	85.0	648	552	192	65	129	226	137	50.0	186	May 27	1258	67.9	1961
1962	60.0	60.0	47.0	115.0	495	389	184	89	92	193	170	85.0	210	May 23	1530	59.5	1962
1963	76.0	60.0	55.0	218.0	684	654	225	88	47	147	47	48.0	200	Jun 28	2773	146	1963
1964	41.0	37.0	28.0	51.3	515	1310	596	497	201	221	118	57.6	306	Jun 09	4536	66.3	1964
1965	54.6	65.1	68.8	150.0	464	762	635	117	85	320	115	38.8	241	May 10	1720	24.5	1965
1966	31.6	27.3	25.4	106.0	644	552	397	186	136	170	110	52.1	201	Jun 03	2158	76.1	1966
1967	40.6	33.7	31.8	41.6	714	1200	281	113	83	178	148	61.3	227	Jun 12	3732	91.2	1967
1968	32.4	46.2	66.5	87.0	599	938	331	124	117	170	94	59.5	151	May 25	913	78.6	1968
1969	34.5	19.8	17.3	61.0	493	394	126	111	264	130	94	25.4	144	Jun 04	1377	85.0	1969
1970	37.8	31.7	30.4	56.5	400	608	120	106	106	91	56	43.5	203	Jul 12	2158	22.0	1970
1971	24.2	24.6	23.5	77.6	511	744	491	96	123	197	67	43.5	203	Jun 13	4442	77.9	1971
1972	29.0	20.8	53.1	65.2	791	1170	373	138	86	246	106	63.2	262	Jun 17	1720	32.8	1972
1973	39.7	37.1	50.2	124.0	721	720	253	107	137	131	66	41.6	203	May 17	1235	96.0	1973
1974	33.2	34.7	40.0	147.0	578	779	374	127	96	235	55	37.9	212	Jun 17	1235	31.7	1974
1975	33.0	25.3	22.1	41.4	405	714	340	113	81	60	88	60.3	166	Jun 29	1045	21.6	1975
1976	38.7	28.2	25.8	88.6	726	863	554	484	158	130	88	56.6	271	Jun 19	1235	101	1976
1977	43.9	51.7	50.0	176.0	611	559	327	152	158	175	85	36.9	203	May 12	1258	103	1977
1978	30.2	25.1	23.8	73.8	522	422	162	116	119	136	220	55.5	147	Nov 02	898	91.8	1978
1979	29.3	18.9	28.8	73.5	387	495	230	128	72	80	52	28.8	173	May 27	1480	66.7	1979
1980	18.1	17.2	15.8	70.9	387	495	230	128	183	145	117	66.5	156	Jun 19	1483	91.9	1980
1981	56.1	58.3	64.2	99.8	788	471	170	94	54	68	120	44.7	175	May 23	1684	43.2	1981
1982	24.0	20.3	17.4	31.6	436	743	572	223	172	147	95	47.1	212	Jul 15	2720	126	1982
1983	27.6	24.5	26.3	116.0	471	442	532	126	126	126	114	46.2	183	Jul 15	1490	90.7	1983
1984	39.6	42.9	46.6	89.6	337	621	240	104	183	293	101	46.2	179	Jun 13	999	91.7	1984
1985	33.6	25.0	28.3	66.6	511	527	188	99	202	133	65	35.9	160	May 31	1010	82.9	1985
1986	32.8	28.9	45.7	84.8	684	720	341	93	56	96	58	42.4	175	May 28	1640	43.5	1986
1987	46.4	40.2	29.6	126.0	684	640	215	356	78	65	151	48.3	208	Aug 02	2220	57.1	1987
1988	29.9	29.8	34.9	128.0	524	470	170	102	59	92	74	59.3	148	Jun 07	1160	42.6	1988
1989	44.8	41.6	29.3	77.2	581	549	206	165	82	103	181	146.0	184	May 08	1060	66.8	1989
1990	51.6	32.4	42.9	138.0	641	1100	251	84	48	55	50	50.0	211	Jun 13	4000	38.6	1990
1991	29.4	29.2	31.4	207.0	727	629	242	105	101	170	61	28.5	177	May 14	1200	64.7	1991
1992	44.1	38.7	112.0	301.0	427	510	130	60	159	243	72	28.5	177	Jun 02	886	49.4	1992
1993	20.6	21.6	23.4	71.0	451	195	243	140	68	76	98	45.9	122	May 14	1020	61.2	1993
1994	27.7	22.6	39.6	263.0	664	582	258	92	86	103	72	43.7	188	Jun 14	1630	64.3	1994
1995	35.0	33.8	41.9	103.0	661	442	244	137	64	88	49	40.8	163	May 16	1190	53.4	1995
Normal	38.2	35.0	37.0	95.6	558	707	319	153	119	151	101	52.8	198	Average	1789	75.2	25.4
mm	8	7	8	20	124	151	71	34	26	33	22	12	516	10-Year	2947	47.7	17.7

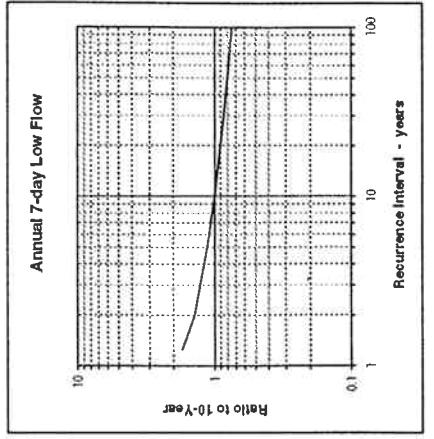
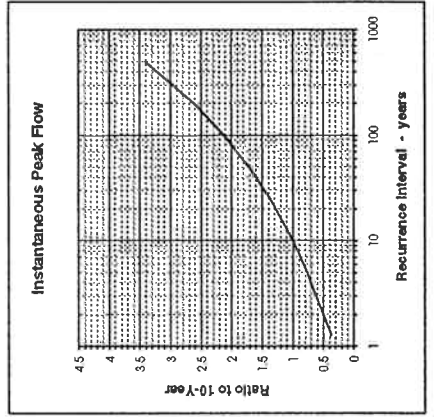
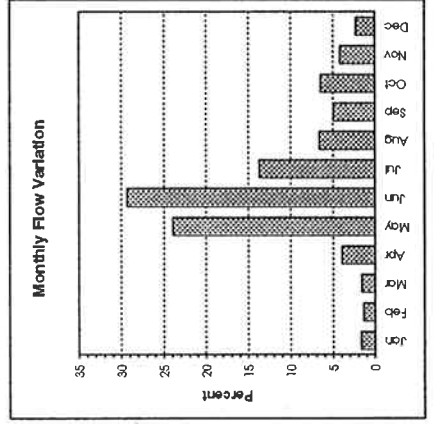
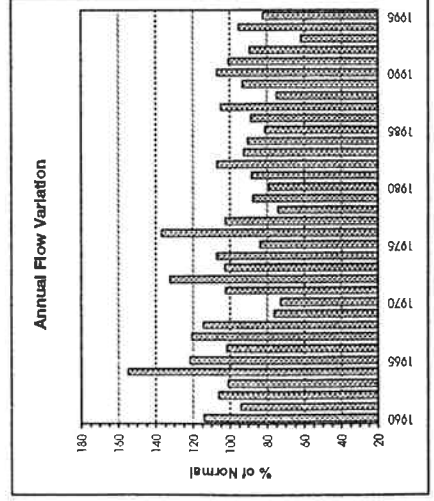
Median Elevation = 1121 m

12,100 km²

Drainage Area =

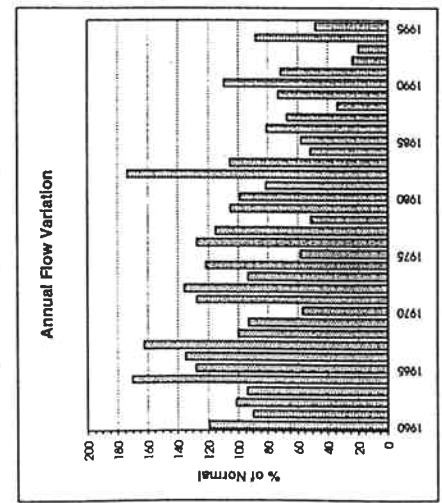
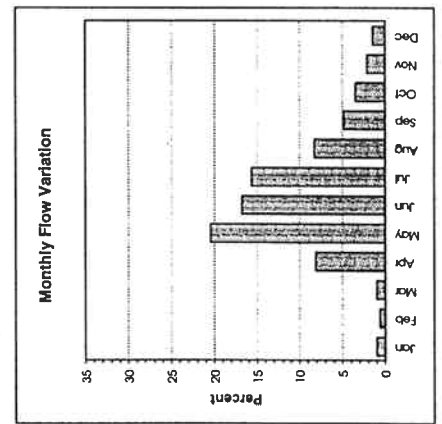
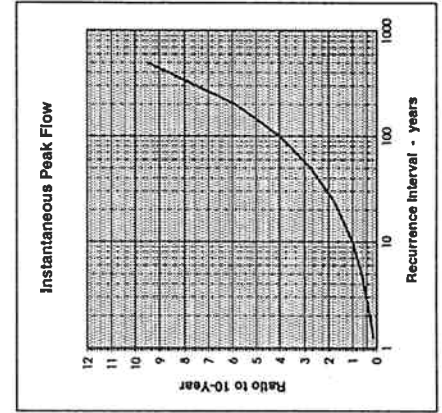
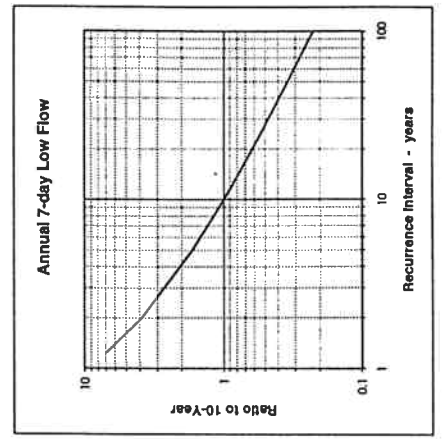
7-Day Low Flow

Instantaneous Peak Flow



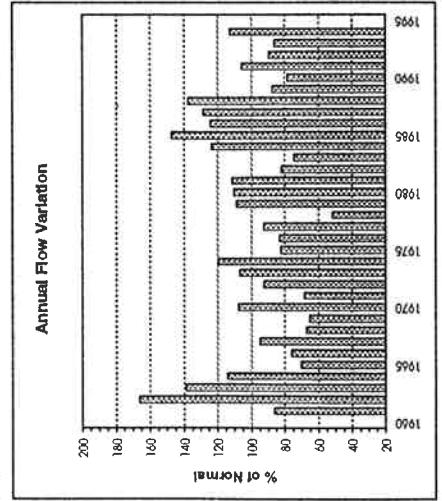
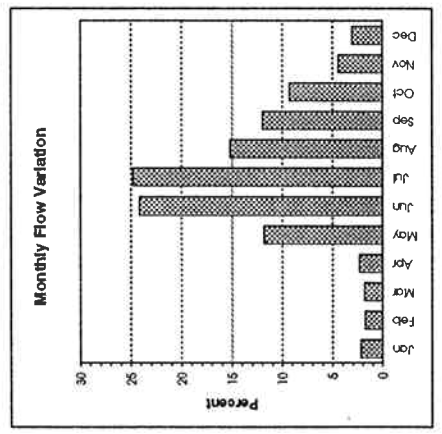
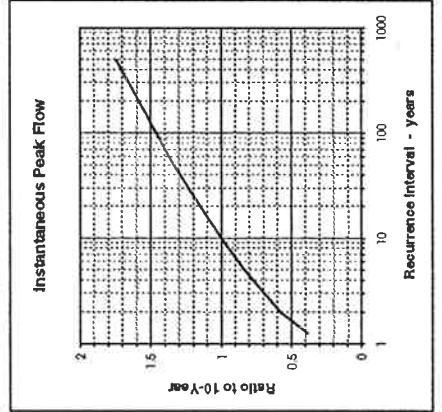
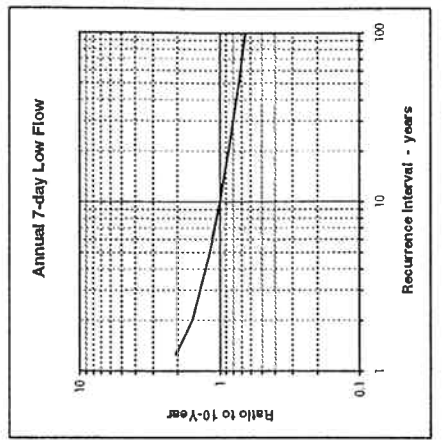
QUALITY CREEK NEAR THE MOUTH 7FB005

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Jun-Sep	Annual	Year
1960	0.031	0.027	0.032	0.070	0.247	0.150	0.273	0.144	0.247	0.084	0.134	0.067	0.283	Jul 11	1.50	0.071	0.027	1978
1961	0.036	0.018	0.022	0.197	1.310	1.070	0.186	0.081	0.096	0.040	0.024	0.015	0.259	Jun 04	3.05	0.049	0.013	1979
1962	0.009	0.006	0.005	0.097	0.270	1.120	0.499	0.268	0.334	0.157	0.092	0.061	0.243	Jun 18	5.75	0.133	0.005	1980
1963	0.053	0.037	0.036	0.283	1.100	0.458	0.154	0.068	0.047	0.043	0.059	0.013	0.200	May 08	2.59	0.033	0.005	1981
1964	0.008	0.005	0.006	0.016	1.430	0.311	1.670	0.912	0.293	0.234	0.111	0.051	0.427	Jul 14	24.50	0.090	0.000	1982
1965	0.029	0.019	0.020	0.440	0.349	0.558	1.370	0.124	0.066	0.059	0.046	0.018	0.260	Jul 15	3.88	0.053	0.016	1983
1966	0.009	0.009	0.023	0.062	0.498	0.249	0.047	0.019	0.132	0.261	0.125	0.077	0.127	May 17	3.39	0.014	0.004	1984
1967	0.051	0.029	0.039	0.557	0.369	0.092	0.040	0.039	0.249	0.169	0.044	0.033	0.142	Apr 13	2.02	0.019	0.019	1985
1968	0.036	0.032	0.073	0.274	0.575	0.372	0.581	0.075	0.088	0.137	0.072	0.059	0.199	Jul 07	1.84	0.038	0.023	1986
1969	0.050	0.036	0.030	0.293	0.336	0.140	0.201	0.696	0.074	0.047	0.041	0.029	0.166	Aug 01	7.81	0.043	0.024	1987
1970	0.016	0.013	0.047	0.285	0.109	0.156	0.169	0.083	0.025	0.026	0.026	0.037	0.083	Jul 12	0.89	0.011	0.007	1988
1971	0.015	0.002	0.003	0.122	0.495	0.399	0.321	0.521	0.202	0.020	0.010	0.034	0.180	Jun 27	1.59	0.102	0.001	1989
1972	0.035	0.018	0.028	0.470	0.624	1.470	0.381	0.047	0.039	0.049	0.037	0.035	0.269	Jun 12	11.00	0.036	0.003	1990
1973	0.013	0.015	0.013	0.769	0.603	0.462	0.074	0.023	0.036	0.027	0.032	0.045	0.176	Apr 25	2.44	0.011	0.006	1991
1974	0.044	0.033	0.114	0.321	0.106	0.041	0.015	0.006	0.009	0.006	0.003	0.001	0.058	Apr 02	1.16	0.003	0.000	1992
1975	0.000	0.001	0.030	0.037	0.200	0.200	0.031	0.027	0.027	0.031	0.022	0.008	0.049	Jun 14	4.45	0.074	0.000	1993
1976	0.006	0.002	0.008	0.593	0.257	0.734	0.522	0.124	0.166	0.082	0.064	0.053	0.217	Apr/27	1.06	0.004	0.000	1994
1977	0.053	0.064	0.078	0.393	0.485	0.132	0.094	0.069	0.011	0.019	0.013	0.016	0.119	Average	4.64	0.004	0.002	1995
Normal	0.029	0.020	0.028	0.244	0.593	0.503	0.453	0.240	0.146	0.102	0.063	0.041	0.246					m3/s



RABBIT RIVER NEAR THE MOUTH 10BE012

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Jun-Sep	Annual	Year
1960	3.73	3.73	4.72	6.4	35.1	84	55	38.8	35.8	30.1	16.4	9.6	27.0			30.1	3.34	1982
1961	6.39	6.25	7.17	10.1	27.4	145	118	105.0	53.6	28.4	15.8	10.9	44.6	Jun 25	384	34.9	5.64	1983
1962	8.65	7.72	6.73	6.9	45.1	135	135	69.8	139.0	66.3	31.3	21.9	53.1	Jul 07	361	57.1	6.31	1984
1963	13.80	9.74	8.04	8.2	19.4	91	173	69.1	33.6	64.1	27.7	17.4	44.9	Jul 03	357	30.3	7.41	1985
1964	12.90	11.80	10.10	10.5	91.3	127	106	69.9	43.5	39.6	19.6	12.7	46.5	Jun 22	208	30.2	9.76	1986
1965	10.30	9.23	8.41	11.0	59.1	118	148	90.1	58.1	44.2	22.4	14.7	49.6	Jul 14	403	51.4	8.07	1987
1966	10.40	9.59	9.54	20.0	67.6	81	53	45.6	30.7	25.7	14.0	10.5	31.5	Jun 05	112	26.1	9.11	1988
1967	7.90	6.88	7.27	9.1	57.3	107	57	29.5	25.4	17.6	8.4	5.8	28.4	Jun 01	217	22.2	5.28	1989
1968	5.18	5.31	5.50	12.3	86.0	88	64	35.0	56.3	61.8	20.2	15.8	38.2	May 14	124	23.2	4.56	1990
1969	8.20	4.10	5.57	14.7	41.8	130	54	52.4	26.4	28.4	13.6	8.0	32.3	Jun 15	222	23.4	3.67	1991
1970	6.63	7.72	7.44	11.6	63.2	79	67	45.6	30.2	27.6	18.0	9.0	31.2	May 31	134	28.4	6.06	1992
1971	6.99	6.91	7.18	15.2	64.1	93	114	51.2	61.6	37.6	16.7	11.9	40.8	Jul 10	287	43.3	6.73	1993
1972																		1994
1973																		1995
1974																		
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1995																		
Normal	9.26	8.12	7.75	10.3	50.3	106	106	64.7	52.5	39.5	19.4	12.9	36.1	Average	255	33.4	6.33	m3/s
mm	7	5	5	7	36	73	75	46	36	28	13	9	301	10-Year	416	22.2	3.87	m3/s



RABBIT CREEK AT HIGHWAY NO. 7 10ED006

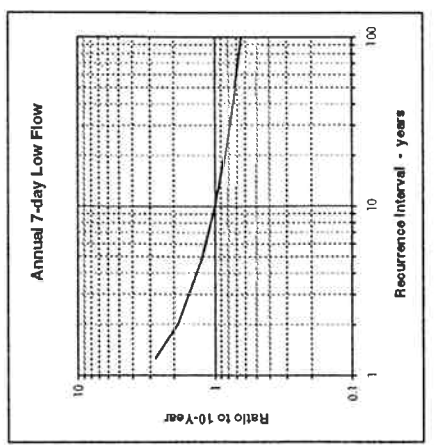
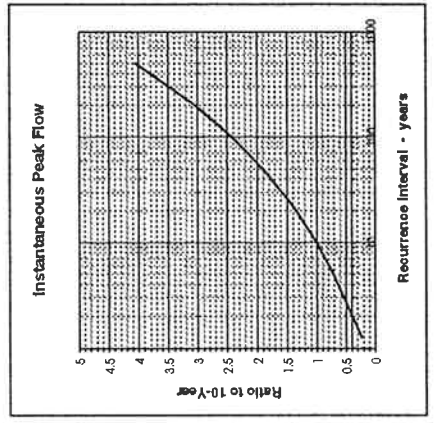
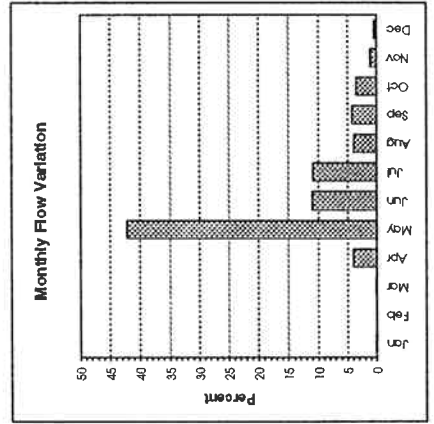
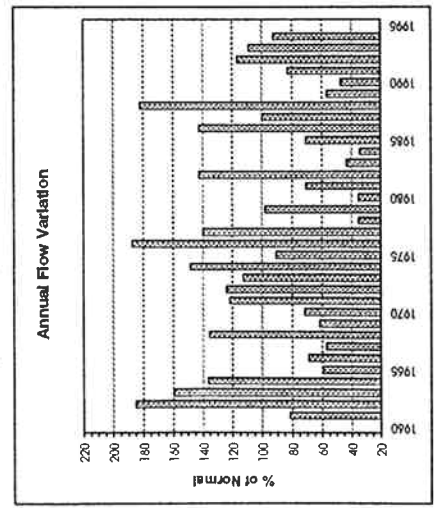
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Monthly and Annual Discharge in m³/s Drainage Area = 99.4 km² Median Elevation = 328m Instantaneous Peak Flow 7-Day Low Flow Year

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m ³ /s	Annual	Year	
1960	0.007	0.007	0.007	0.228	0.93	0.676	0.121	0.070	0.044	0.077	0.019	0.010	0.427	May 30	3.88	0.023	0.007	1960
1961	0.004	0.003	0.001	0.220	3.54	1.298	0.333	0.185	0.324	0.148	0.034	0.002	0.183	May 27	12.96	0.088	0.000	1961
1962	0.001	0.001	0.001	0.452	0.08	0.011	0.629	0.050	0.490	0.358	0.102	0.010	0.512	Jul 16	4.46	0.002	0.001	1962
1963	0.009	0.004	0.002	0.029	2.93	1.236	0.082	0.005	0.007	0.067	0.039	0.027	0.182	May 06	11.02	0.001	0.001	1963
1964	0.006	0.004	0.003	0.120	8.22	0.223	0.014	0.020	0.049	0.107	0.009	0.004	0.744	May 19	26.01	0.002	0.002	1964
1965	0.003	0.001	0.001	0.412	1.93	0.262	0.008	0.010	0.022	0.015	0.009	0.011	0.226	May 05	4.62	0.001	0.001	1965
1966	0.016	0.002	0.000	0.055	0.10	0.047	0.347	0.535	0.554	0.378	0.086	0.015	0.178	Aug 09	2.67	0.013	0.000	1966
1967	0.003	0.000	0.001	0.018	3.02	0.447	0.280	0.192	0.168	0.169	0.067	0.012	0.370	May 08	9.44	0.103	0.000	1967
1968	0.006	0.002	0.005	0.064	2.99	1.310	1.640	0.296	1.340	1.000	0.168	0.025	0.743	Sep 26	7.16	0.178	0.000	1968
1969	0.004	0.004	0.021	0.305	1.51	1.040	1.520	1.140	0.273	0.145	0.130	0.097	0.521	Jul 15	4.53	0.189	0.002	1969
1970	0.028	0.001	0.001	0.548	4.04	2.150	3.710	0.528	0.078	0.076	0.085	0.060	0.950	Jul 02	21.30	0.053	0.001	1970
1971	0.026	0.005	0.010	0.489	2.66	0.222	0.031	0.017	0.013	0.019	0.018	0.010	0.297	May 02	6.51	0.006	0.004	1971
1972	0.011	0.013	0.016	0.345	1.80	0.225	0.050	0.053	0.094	0.175	0.127	0.028	0.247	May 08	8.34	0.018	0.003	1972
1973													0.432					1973
1974													0.608					1974
1975													0.568					1975
1976													0.484					1976
1977																		1977
1978																		1978
1979																		1979
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1989																		1989
1990																		1990
1991																		1991
1992																		1992
1993																		1993
1994																		1994
1995																		1995

Normal 0.010 0.004 0.005 0.253 2.60 0.704 0.670 0.239 0.265 0.210 0.069 0.522 Average 9.45 0.052 0.002 m³/s

mm 0 0 0 7 70 18 18 6 6 7 6 6 10-Year 18.4 0.001 0.001 m³/s



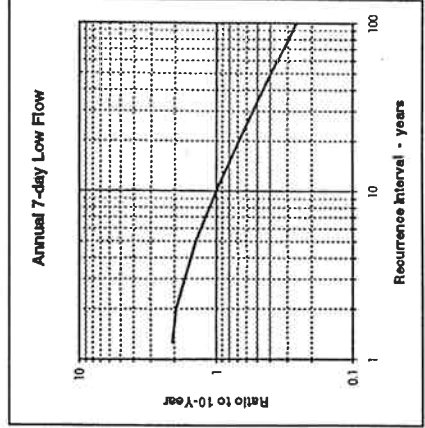
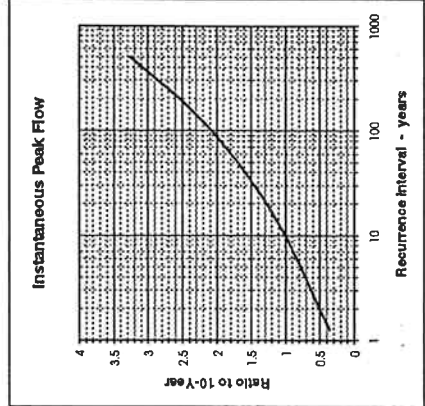
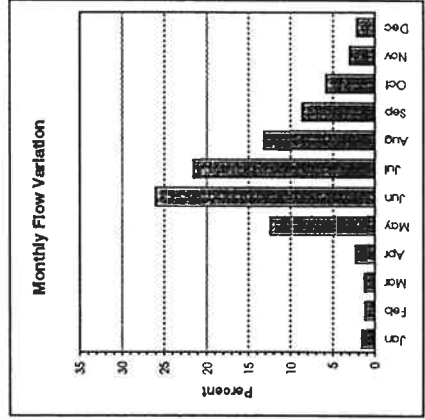
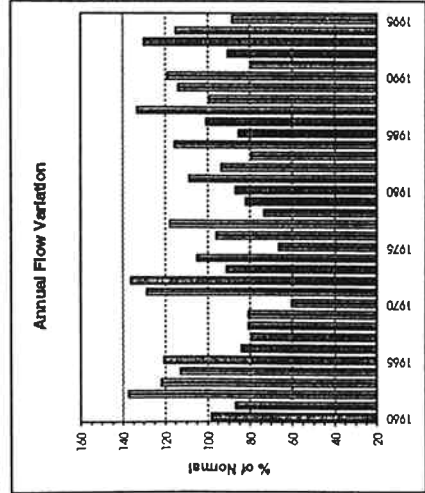
SIKANNI CHIEF RIVER NEAR FORT NELSON 10CB001

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	m ³ /s
1960	4.51	4.17	5.47	15.10	31.1	73.0	60.0	42.9	32.6	15.9	11.40	6.23	25.2	Jun 28	131	19.4	3.87	1960
1961	5.38	3.51	3.20	3.00	56.4	84.2	48.8	18.1	15.0	16.0	6.93	5.95	22.3	May 24	213	13.5	3.00	1961
1962	5.10	3.99	3.11	3.11	31.5	100.7	110.8	81.1	32.6	20.8	18.60	9.47	35.3	Jun 28	419	21.8	3.11	1962
1963	6.69	4.95	3.78	21.00	54.6	83.6	80.1	52.2	32.3	18.2	8.40	7.30	31.3	Jul 10	145	26.1		1963
1964	7.10	6.80	6.40	7.50	22.8	99.1	69.7	62.5	29.2	18.4	10.40	6.70	28.9	Jun 14	164	21.0		1964
1965	5.68	5.64	5.57	6.77	33.7	130.2	77.1	37.3	38.1	22.8	4.56	3.81	31.0	Jun 28	661	23.3	3.71	1965
1966	3.29	3.31	3.72	3.72	32.3	51.9	76.0	34.9	21.7	13.6	8.25	5.70	21.6	Jul 17	137	15.5	2.89	1966
1967	4.59	3.93	3.17	4.79	37.5	83.0	41.4	23.9	13.3	14.2	8.71	4.97	20.4	Jun 18	135	11.8	3.54	1967
1968	4.17	3.83	5.00	5.54	35.2	79.1	51.9	23.4	16.9	10.8	7.18	5.37	20.7	Jun 12	274	14.0	3.31	1968
1969	3.32	2.52	2.32	5.81	43.1	61.8	36.0	16.4	42.0	19.8	9.04	6.32	20.8	Jun 10	118	13.2	2.25	1969
1970	5.03	2.70	0.47	0.70	24.9	69.5	30.5	18.4	12.9	10.8	6.23	3.84	15.5	Jun 04	137	15.5	0.423	1970
1971	3.15	3.19	3.18	4.93	22.1	120.3	118.1	33.8	51.4	20.4	10.30	5.11	33.1	Jun 15	462	25.4	2.84	1971
1972	5.00	4.14	4.15	5.98	49.2	110.7	72.9	77.4	33.4	32.6	14.80	8.80	35.0	Jun 16	254	28.1	3.57	1972
1973	6.99	6.33	6.48	10.80	46.5	117.9	62.6	21.0	17.0	11.0	6.68	6.04	23.4	Jun 14	137	14.9	5.84	1973
1974	5.34	4.96	4.50	6.51	31.5	71.0	92.3	36.9	23.8	13.3	13.00	10.80	26.9	Jul 16	387	16.9	4.47	1974
1975	7.10	4.81	4.32	5.17	23.3	56.8	41.6	28.1	11.4	8.3	6.74	5.65	17.0	Jun 28	206	9.31	4.25	1975
1976	3.95	3.61	3.39	4.39	28.7	62.3	49.1	77.5	27.9	14.7	10.80	7.67	24.6	Aug 04	159	20.6	3.23	1976
1977	5.84	5.03	4.98	10.60	36.4	92.5	80.0	51.5	33.3	21.4	11.80	7.59	30.2	Jun 10	298	27.5	4.81	1977
1978	6.10	5.67	5.52	19.10	32.0	61.7	26.1	20.6	21.2	13.2	7.00	3.74	22.1	Jun 04	110	14.6	4.52	1978
1979	3.36	3.27	3.85	4.63	13.9	51.6	84.9	26.7	33.9	14.7	7.00	3.74	21.1	Jul 03	289	20.6	2.57	1979
1980	2.79	3.25	3.34	14.40	27.7	57.7	58.6	28.0	27.0	25.1	12.00	7.32	22.3	Jun 19	178	20.9	2.66	1980
1981	5.59	4.22	4.49	6.13	80.4	72.7	99.1	33.1	34.7	13.6	11.10	7.79	27.9	May 28	238	16.7	4.01	1981
1982	5.20	4.49	4.27	6.38	48.5	85.6	48.7	33.9	20.6	13.3	8.72	6.89	24.0	May 18	201	16.2	3.92	1982
1983	5.17	4.67	3.95	6.88	22.9	64.1	68.5	27.1	17.0	12.3	6.43	4.31	20.4	Jul 03	152	14.0	3.71	1983
1984	3.54	3.78	4.19	5.63	27.2	127.8	67.1	46.0	33.3	21.8	8.99	6.54	29.6	Jun 12	253	23.7	3.42	1984
1985	4.85	4.26	3.99	6.92	23.7	59.5	54.7	21.3	45.6	20.2	9.85	7.17	21.9	Jun 23	186	16.6	3.70	1985
1986	5.71	5.00	4.27	6.43	28.8	54.4	96.3	38.5	20.3	29.5	10.30	8.04	25.8	Jul 15	433	15.1	4.33	1986
1987	6.24	5.57	4.95	7.02	38.7	85.7	68.4	97.6	43.0	28.5	14.20	8.25	34.2	Aug 01	249	30.7	4.76	1987
1988	5.05	4.74	4.96	14.70	62.4	76.1	57.0	30.5	16.7	14.3	9.95	8.43	25.5	May 14	174	14.3	4.40	1988
1989	5.54	4.64	3.67	11.00	53.3	81.2	51.5	71.3	28.2	20.3	10.90	6.94	29.2	Aug 10	206	23.6	3.53	1989
1990	5.26	5.19	5.79	7.71	63.6	123.0	82.1	32.9	16.2	8.6	7.21	6.80	30.5	May 31	627	11.3	4.99	1990
1991	5.04	4.46	4.48	6.69	38.0	54.7	58.9	18.4	21.2	16.1	8.00	7.22	20.4	Jul 06	125	15.5	4.31	1991
1992	5.76	5.64	8.84	11.20	32.4	102.1	49.5	19.6	14.5	18.4	7.28	4.09	23.3	Jun 10	184	10.8	2.84	1992
1993	2.92	4.76	4.80	8.71	39.7	90.2	97.0	78.2	33.4	18.1	11.20	8.64	33.3	Jun 28	210	23.3	2.46	1993
1994	6.60	5.58	5.78	11.10	47.4	80.6	81.2	48.7	30.8	18.0	8.62	7.74	29.5	Jul 03	261	24.7	5.38	1994
1995	5.28	4.23	4.00	5.61	40.8	55.8	60.4	41.7	24.5	13.4	8.67	6.41	22.7	Jun 08	124	18.1	3.92	1995
Normal	5.07	4.40	4.17	7.58	37.8	81.2	65.4	40.1	27.0	17.7	9.59	6.64	25.6	Average	240	18.5	3.66	m ³ /s
mm	6	5	5	9	47	97	81	50	32	22	12	8	375	10-Year	399	12.0	2.13	m ³ /s

Median Elevation = 1410 m

2160 km²

Drainage Area =



SUKUNKKA RIVER NEAR THE MOUTH 7FB003

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Jun-Sep	Annual	Year
1960	7.37	5.68	5.16	16.0	117	120	38.2	34.1	50.3	63.3	32.6	13.7	60.5	Nov 02	362	23.0	9.69	1960
1961	7.25	4.56	8.34	20.5	152	252	91.1	25.5	33.9	45.6	78.4	15.5	59.4	May 27	507	16.4	4.96	1961
1962	5.36	4.24	3.93	72.6	143	123	75.2	22.9	15.6	24.2	9.8	6.9	64.0	Sep 06	399	11.3	-4.22	1962
1963	16.40	18.70	20.60	42.6	298	211	144.0	16.1	101.0	44.7	46.8	16.4	62.5	May 22	684	22.6	3.74	1963
1964	7.10	5.88	5.05	8.2	151	211	137.0	9.1	55.8	47.8	25.6	10.5	92.4	Jul 15	470	7.54	4.63	1964
1965	6.31	5.50	6.51	47.4	175	134	137.0	18.2	37.4	47.9	46.4	9.8	66.9	Oct 09	567	30.0	7.70	1965
1966	8.30	8.55	11.20	31.2	119	202	84.6	37.0	69.6	112.0	24.3	14.7	71.0	May 21	388	11.1	5.24	1966
1967	8.48	8.54	5.85	26.3	189	181	52.6	15.2	68.2	43.7	16.0	9.9	46.0	May 27	627	9.38	7.68	1967
1968	9.53	8.66	14.70	27.7	176	184	82.7	24.2	13.0	26.2	15.7	11.0	56.8	Jun 13	541	12.3	7.93	1968
1969	10.70	9.29	8.13	47.1	247	213	57.5	79.0	17.5	21.6	45.2	17.4	64.7	Jun 06	437	8.53	4.33	1969
1970	7.17	5.12	7.07	46.0	189	148	46.3	24.7	13.9	28.1	20.1	15.3	46.0	May 08	375	12.7	5.66	1970
1971	10.00	6.43	5.79	29.7	189	151	44.3	28.2	15.7	31.1	54.9	25.1	49.5	Jun 12	788	4.54	4.39	1971
1972	11.20	9.12	11.10	38.5	205	277	65.2	18.0	8.3	20.9	14.4	9.3	57.4	Oct 11	446	13.0	6.94	1972
1973	7.26	8.32	10.00	66.9	246	192	62.7	24.3	25.6	70.5	18.0	16.3	62.6	Jun 02	319	5.01	5.01	1973
1974	16.30	14.50	31.70	88.6	141	152	31.5	8.0	68.7	76.3	17.9	7.8	54.4	May 13	412	11.9	4.21	1974
1975	5.49	4.67	4.74	25.6	158	59	65.9	29.4	14.2	22.4	34.0	11.2	36.5	Jun 14	381	8.94	7.47	1975
1976	8.03	7.81	19.10	82.7	235	185	52.3	13.6	16.9	26.5	13.6	8.1	55.9	May 16	450	8.57	7.43	1976
1977	8.34	9.21	10.70	29.0	239	140	51.8	34.2	12.4	28.9	14.1	11.3	49.4	Average	498	13.5	5.98	1977
Normal	8.93	7.49	8.73	34.9	181	181	74.6	30.6	36.4	41.4	34.3	13.5	59.5	10-Year	688	6.16	4.03	1978
mm	10	7	9	35	193	187	80	33	38	44	35	14	748					1979

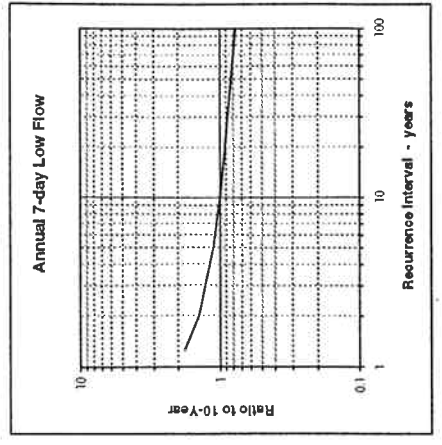
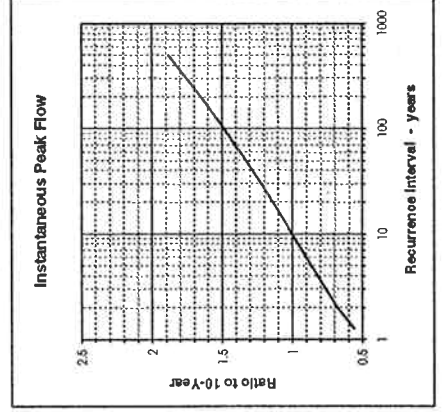
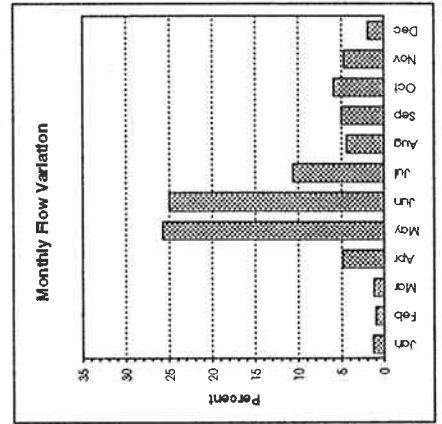
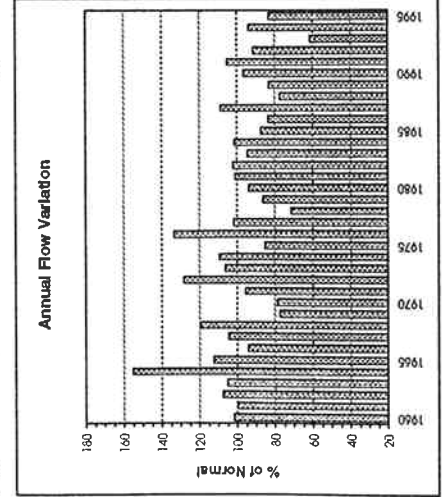
Median Elevation = 1192 m

Drainage Area = 2,510 km²

Monthly and Annual Discharge in m³/s

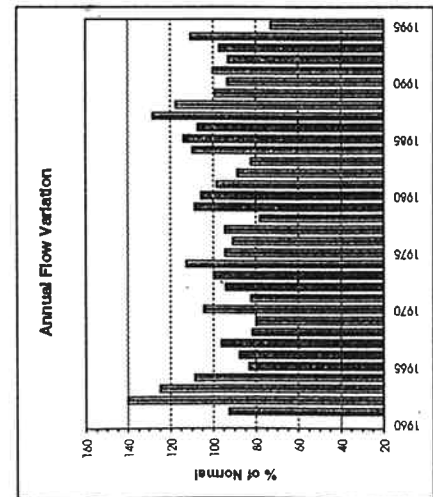
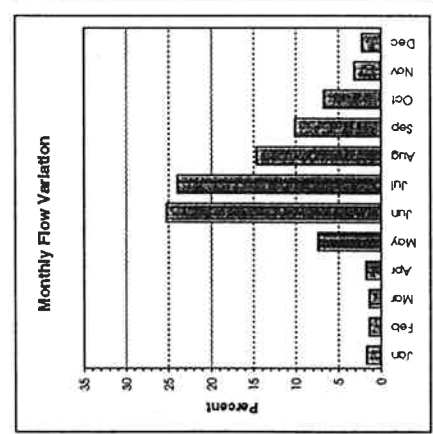
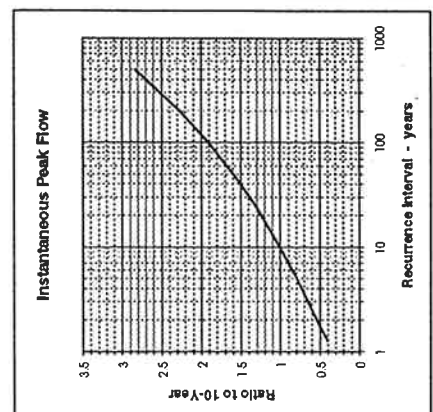
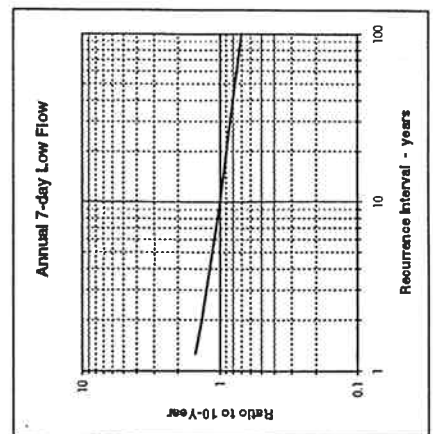
Instantaneous Peak Flow

7-Day/Low Flow



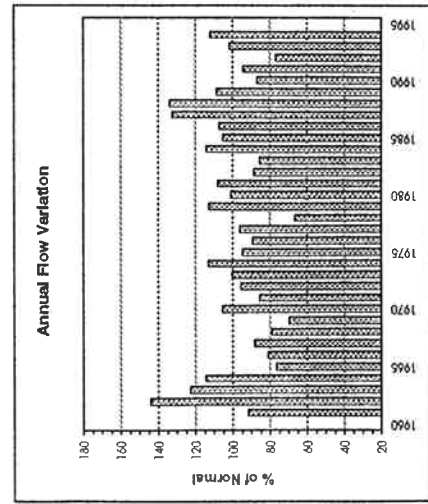
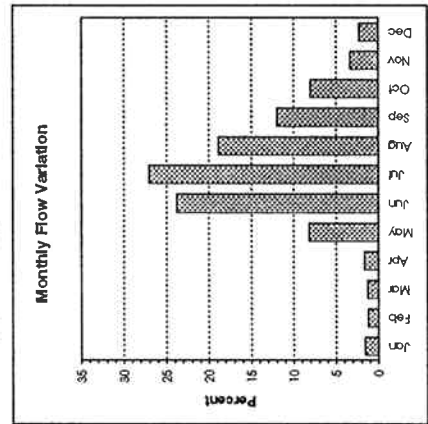
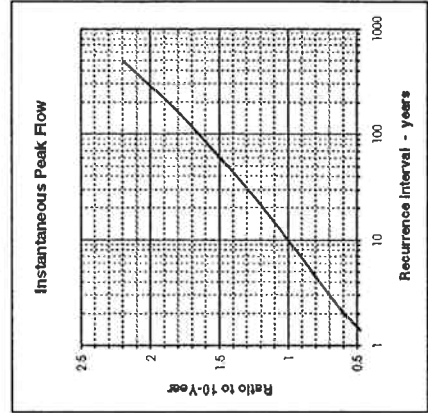
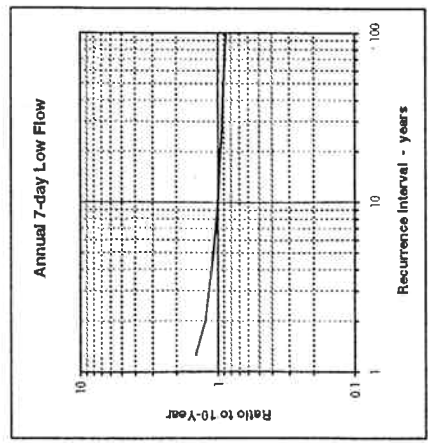
TOAD RIVER ABOVE NONDA CREEK 10BE004

Year	Monthly and Annual Discharge in m ³ /s												Drainage Area = 2560 km ²			Median Elevation = 1540 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	9.46	7.86	6.71	20.02	60.2	154	84	49.0	55.2	38.5	14.0	12.7	40.1	Jun 28	388	39.7	6.51	1960						
1961	12.70	9.06	7.65	6.51	32.7	178	204	135.0	72.8	34.2	18.2	14.7	60.8	Jul 11	535	62.4	9.06	1961						
1962	13.60	12.70	11.90	13.00	51.1	138	196	91.7	60.6	31.3	16.4	9.1	54.1	Jun 11	297	47.5	6.51	1962						
1963	7.93	8.50	8.50	9.06	21.0	100	125	82.5	45.2	32.2	19.6	14.9	47.0	Sep 21	185	31.2	7.93	1963						
1964	11.00	8.78	7.36	9.39	28.4	106	84	47.6	67.0	40.2	14.2	8.4	36.1	Jul 09	182	38.8	6.65	1964						
1965	7.27	6.85	6.20	13.32	29.3	108	125	68.8	36.3	24.2	16.6	12.2	38.0	Jun 21	215	27.5	6.20	1965						
1966	9.30	7.58	6.74	7.35	30.2	162	112	64.0	43.2	30.9	16.0	9.6	41.7	Jun 13	151	33.2	6.20	1966						
1967	6.37	6.32	7.33	6.51	33.0	90	102	62.0	61.9	22.2	12.2	9.8	35.4	Jun 11	198	37.1	6.09	1967						
1968	5.08	3.72	3.53	6.71	43.4	126	73	65.0	40.1	22.8	10.5	10.5	34.7	Jun 04	257	29.1	3.44	1968						
1969	8.07	7.53	8.07	8.07	25.2	96	96	88.9	67.7	42.7	17.8	10.3	45.2	Jun 24	194	29.2	6.85	1969						
1970	8.61	8.50	8.28	8.58	38.9	141	90	49.8	33.5	22.4	10.6	7.4	35.7	May 31	236	35.9	6.12	1970						
1971	6.60	6.78	6.49	7.46	49.9	143	85	70.2	47.6	34.0	11.0	11.0	40.8	Jun 27	193	35.8	8.21	1971						
1972	9.56	8.78	8.59	9.76	39.4	137	127	72.4	61.8	21.6	11.6	10.2	43.3	Jun 17	244	40.4	5.99	1972						
1973	8.58	7.67	6.16	8.76	22.0	87	117.0	117.0	51.6	54.6	23.1	11.4	48.7	Jun 28	762	34.0	5.70	1973						
1974	8.53	6.94	6.31	8.49	24.4	126	134	89.1	38.9	24.9	12.1	9.0	40.9	Jul 10	248	36.6	5.94	1974						
1975	7.95	6.70	6.19	8.78	34.2	90	139	82.3	46.0	25.6	14.8	9.7	39.4	Jun 20	244	33.3	6.11	1975						
1976	9.27	8.02	6.60	9.92	38.7	137	122	72.1	58.1	24.1	12.8	9.9	41.0	Jun 17	165	5.87	6.27	1976						
1977	7.88	6.69	6.18	7.12	16.9	60	60	66.9	58.1	35.5	18.2	13.5	33.9	Jul 03	552	45.3	6.27	1977						
1978	9.53	6.61	6.95	8.67	27.4	123	109	62.9	52.7	35.7	17.2	11.2	47.0	Jul 16	288	54.6	7.42	1978						
1979	8.07	8.59	9.04	10.90	42.6	119	126	59.9	68.4	62.8	21.7	11.6	45.8	May 27	483	35.7	6.85	1979						
1980	10.20	7.67	7.17	7.36	102.0	120	86	53.9	48.8	22.4	13.3	13.3	42.6	Jun 15	272	34.4	7.85	1980						
1981	8.42	8.19	8.15	9.43	27.6	155	81	57.2	48.4	31.1	15.8	10.8	38.4	Jun 01	235	37.4	6.36	1981						
1982	8.96	7.32	6.70	7.37	30.9	126	76	66.2	44.3	29.2	14.2	9.4	35.7	Jul 09	279	41.3	6.32	1982						
1983	7.13	6.70	7.49	8.74	23.4	146	147	110.0	54.3	29.5	15.5	12.8	47.5	Jun 05	218	55.5	7.33	1983						
1984	10.50	7.56	7.78	8.68	33.3	119	141	73.8	105.0	47.7	21.5	15.1	49.3	Jun 14	283	32.3	7.75	1984						
1985	8.69	8.51	8.53	9.17	35.4	116	174	63.0	35.4	63.3	26.1	17.0	46.5	Jul 03	280	57.3	9.14	1985						
1986	12.40	10.50	9.31	9.92	38.1	133	155	115.0	89.0	54.7	21.5	15.1	55.6	Jul 14	443	43.1	8.71	1986						
1987	11.10	9.94	9.07	11.50	62.0	145	161	85.2	50.1	36.3	15.4	11.5	50.8	Jun 06	220	40.1	7.11	1987						
1988	10.20	8.92	7.44	13.10	58.0	148	88	72.1	46.2	31.8	16.9	12.6	42.9	Jun 01	301	30.2	7.29	1988						
1989	9.76	7.87	7.99	10.40	51.3	168	100	52.7	35.8	18.2	11.4	10.0	40.4	Jun 29	170	51.0	7.43	1989						
1990	7.94	7.72	7.87	11.00	57.0	111	105	63.3	68.8	42.6	21.4	15.1	43.4	Jun 16	247	30.0	8.74	1990						
1991	11.60	9.68	9.86	11.00	30.0	149	95	63.4	35.4	37.6	19.2	10.9	40.3	May 30	182	35.8	7.13	1991						
1992	8.79	8.52	7.57	10.20	71.6	130	99	61.9	39.2	33.1	20.3	13.1	42.2	Jul 12	242	52.2	8.00	1992						
1993	10.70	9.46	9.81	11.50	53.9	129	145	71.0	66.0	35.1	16.0	14.5	47.9	Aug 18	117	33.8	8.42	1993						
1994	11.00	9.20	8.57	10.60	39.7	79	62	71.6	40.5	23.5	12.6	11.2	31.7	Average	200	39.7	7.05	1994						
1995	9.09	7.93	7.46	9.53	37.9	133	122	75.0	53.5	34.5	16.8	11.5	43.3	10-Year	463	29.8	5.39	1995						
Normal	10	8	8	10	40	135	128	78	54	36	17	12	534					m ³ /s						



TOAD RIVER NEAR THE MOUTH 10BE010

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	m ³ /s
1960	17.7	14.3	12.6	14.9	74.3	260	222	186	113	76.0	34.0	15.9	87	Jun 01	459	97.3	12.0	1960
1961	11.0	13.8	16.4	20.9	66.6	361	347	280	143	69.9	35.3	28.7	116	Jul 07	833	102	10.2	1961
1962	18.9	15.0	15.2	16.0	68.4	209	269	208	260	134.0	41.2	24.4	107	Sep 17	351	149	14.4	1962
1963	16.0	12.3	13.9	16.5	72.9	224	398	164	100	158.0	75.3	51.4	109	Jul 04	646	89.5	11.3	1963
1964	29.4	20.6	19.2	21.6	79.5	310	407	312	205	124.0	49.0	32.8	135	Jun 23	892	145	17.6	1964
1965	25.5	19.0	15.5	24.7	123.0	289	543	338	143	71.5	20.5	15.2	136	Jul 14	1260	88.8	14.3	1965
1966	14.9	15.8	16.1	28.6	169.0	211	140	214	140	92.7	42.4	24.3	111	Jun 26	532	121	14.3	1966
1967	20.0	16.3	16.3	22.5	130.0	351	201	113	84	47.8	33.7	27.0	89	May 31	868	66.4	15.0	1967
1968	21.2	20.7	20.8	25.4	105.0	221	265	157	138	86.4	49.5	38.1	96	Jul 17	461	124	19.4	1968
1969	26.8	18.6	18.2	25.4	57.3	279	198	130	70	67.4	31.2	16.3	78	Jun 16	461	60.0	13.2	1969
1970	13.4	16.3	14.5	23.2	139.0	295	264	190	114	94.5	48.4	23.7	104	May 30	453	104	12.6	1970
1971	17.6	14.3	14.2	19.6	120.0	304	370	208	161	80.3	29.1	23.0	114	Jul 11	666	130	13.0	1971
1972																		1972
1973																		1973
1974																		1974
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1977																		1977
1978																		1978
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1981																		1981
1982																		1982
1983	19.2	15.9	15.7	20.7	96.0	295	325	227	148	96.7	41.4	27.5	102	Average	657	106	13.9	1983
1984	7	6	6	8	38	111	126	88	56	38	16	11	466	10-Year	1008	70.3	11.0	1984
1985																		1985
1986																		1986
1987																		1987
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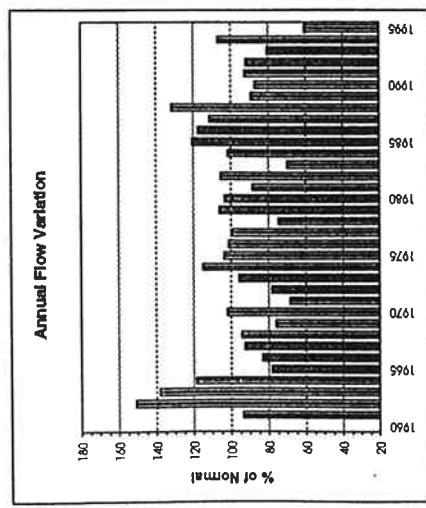
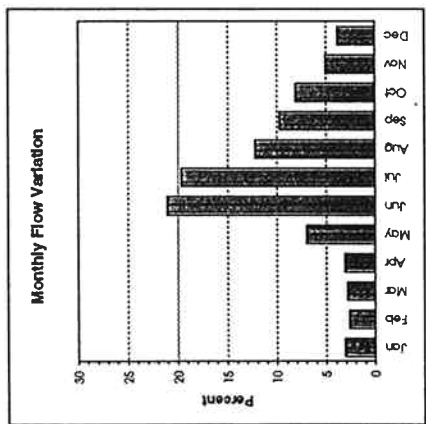
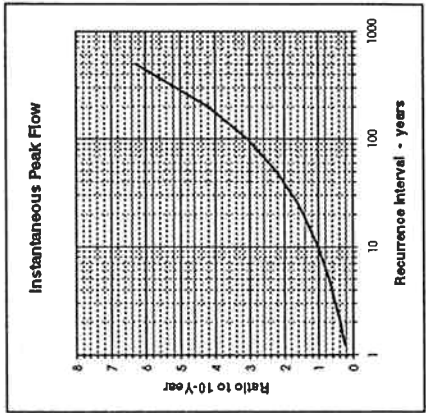
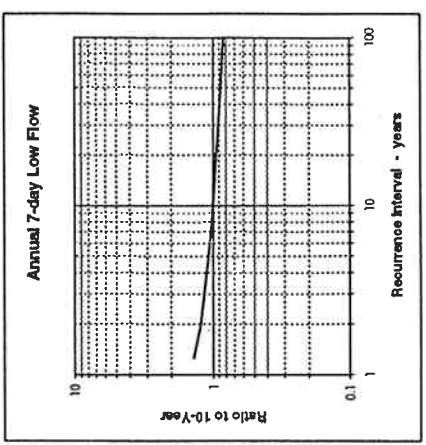
TROUT RIVER AT KILOMETRE 783.7 ALASKA HIGHWAY 10BE007

Year	Monthly and Annual Discharge in m ³ /s												Annual	Year		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
1960	5.30	5.94	5.56	5.95	13.7	34.6	21.8	13.9	11.5	18.5	7.6	6.67	45.0	11.1	5.05	1970
1961	5.51	5.47	4.67	5.02	14.1	36.1	19.5	17.3	14.0	9.9	7.5	6.04	53.8	13.2	4.36	1971
1962	6.15	5.81	5.62	6.28	13.7	51.0	34.1	23.1	24.3	20.8	12.0	7.27	57.7	17.9	5.29	1972
1963	5.85	5.62	5.27	6.37	9.9	38.6	65.9	38.6	19.7	21.3	11.9	7.44	37.0	15.2	3.99	1973
1964	5.60	4.72	4.19	5.72	10.0	49.9	47.0	43.4	17.5	11.0	7.4	6.79	41.0	16.4	5.43	1974
1965	6.17	6.12	5.57	6.26	13.2	34.8	58.7	26.5	19.7	13.3	10.8	7.49	66.3	15.1	6.70	1975
1966	7.00	6.91	6.98	7.49	15.4	52.0	40.1	24.0	16.1	12.8	9.5	7.19	66.3	13.3	5.39	1976
1967	6.55	6.18	6.01	6.68	8.4	36.7	20.6	18.2	16.3	12.2	9.5	7.48	227.0	16.8	-5.24	1977
1968	6.30	5.39	5.53	6.60	9.5	49.3	62.6	19.6	18.9	14.9	12.0	7.88	68.1	22.3	5.46	1978
1969	5.90	5.75	5.63	6.61	16.9	35.0	34.5	26.2	25.1	25.9	17.0	9.03	112.0	12.5	6.12	1979
1980	8.58	7.79	7.63	7.33	34.6	40.1	21.1	13.7	15.7	11.0	8.7	6.69	67.3	22.3	4.92	1980
1981	5.48	5.30	5.07	5.73	10.3	51.7	32.4	28.9	27.0	19.7	16.4	9.73	51.0	13.0	3.80	1981
1982	5.15	3.95	4.66	6.08	10.0	36.8	22.4	17.1	15.1	10.8	7.0	5.73	119.0	13.2	4.47	1982
1983	4.65	4.68	4.90	5.48	6.9	54.8	49.8	32.1	22.3	10.3	6.7	7.20	92.9	22.5	4.95	1983
1984	5.38	5.03	5.21	5.98	13.0	47.5	46.7	24.6	47.9	26.8	12.5	8.25	142.0	17.2	6.02	1984
1985	6.94	6.45	6.24	6.66	9.7	41.3	67.6	24.6	19.3	29.9	12.3	10.50	80.8	20.4	7.25	1985
1986	9.18	8.57	7.73	7.38	14.0	48.7	37.7	29.5	25.4	19.0	13.2	9.58	139.0	22.7	6.56	1986
1987	8.07	7.43	6.90	7.42	22.8	50.2	60.6	36.0	24.4	21.1	15.6	11.00	46.5	14.0	5.75	1987
1988	7.44	6.18	5.94	8.58	23.6	38.0	25.6	21.7	15.3	13.2	10.1	8.52	98.6	12.0	5.85	1988
1989	6.84	6.02	5.97	6.59	15.3	56.6	27.8	16.1	12.7	10.7	8.7	6.66	48.5	14.4	5.35	1989
1990	6.03	6.68	6.18	6.79	20.2	36.9	28.1	16.8	21.1	19.7	12.8	10.20	77.6	12.8	5.57	1990
1991	8.19	6.67	6.50	6.79	11.5	55.6	28.1	21.4	13.4	14.4	11.0	7.18	44.3	13.3	5.05	1991
1992	5.36	6.63	6.44	6.44	18.7	31.8	29.5	17.8	13.7	12.3	10.2	8.06	71.0	19.3	5.42	1992
1993	6.26	5.75	6.09	7.08	20.7	42.5	45.9	26.6	22.9	18.5	11.1	6.63	33.2	11.8	5.43	1993
1994	5.99	5.94	5.55	6.45	10.2	22.3	13.9	17.0	13.5	10.2	7.7	6.73	107	15.9	5.38	1994
1995	6.40	5.97	5.76	6.51	14.2	44.2	39.8	24.8	20.4	16.5	10.7	7.81	198	11.8	4.38	1995
Normal	15	12	13	14	32	97	90	56	45	37	23	18	10-Year	11.8	4.38	m ³ /s

Median Elevation = 1400 m

1180 km²

Drainage Area =

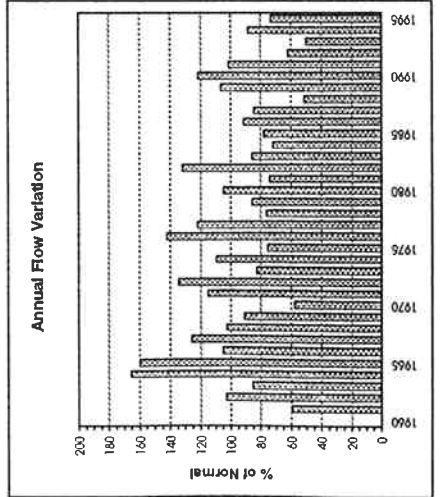
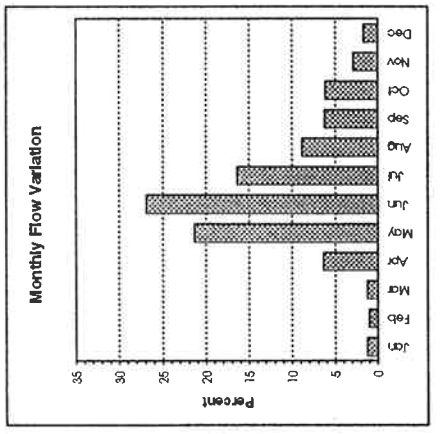
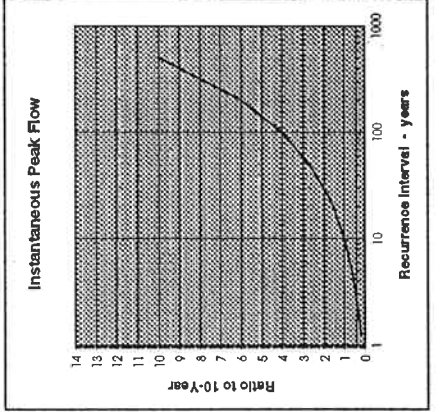
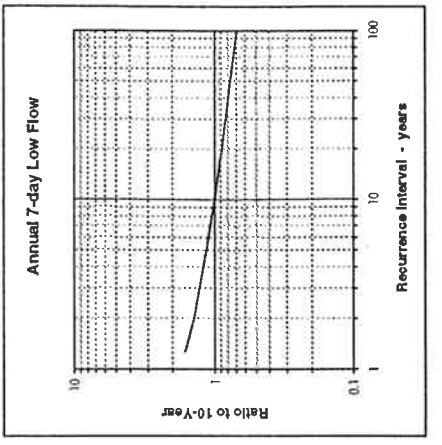


station location: 55°04'20", 118°48'10"

WAPITI RIVER NEAR GRANDE PRAIRIE 7GE001

Drainage Area = 11,300 km² Median Elevation = 1009 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	8.9	5.2	8.7	19.7	162	195	77	30.9	48.3	94.6	52.9	17.4	61	May 24	407	4.47	1960
1961	13.6	19.6	9.9	78.5	284	287	262	93.2	70.0	55.3	55.9	22.3	105	Jul 19	1380	6.17	1961
1962	19.9	20.6	15.6	84.0	339	272	111	50.2	44.0	48.3	18.3	20.4	87	May 23	583	39.1	1962
1963	12.3	13.6	10.1	41.4	280	580	359	306.0	189.0	136.0	59.0	30.0	168	Jun 29	2503	103	1963
1964	21.5	21.7	30.1	212.0	361	455	479	78.1	88.7	126.0	52.3	20.1	163	Jun 09	2730	61.3	1964
1965	14.4	16.6	17.2	196.0	303	235	158	123.0	36.9	62.2	21.2	36.0	107	May 11	666	48.9	1965
1966	20.8	15.2	13.7	33.0	487	627	159	66.0	44.3	44.3	21.2	10.1	128	Jun 03	1145	29.2	1966
1967	17.2	21.1	27.8	42.0	276	380	177	103.0	67.0	72.1	47.4	18.2	104	Jun 14	844	62.6	1967
1968	12.7	9.4	9.2	137.0	243	205	95	71.6	189.0	88.5	30.2	17.5	93	May 04	415	58.0	1968
1969	12.4	10.9	14.2	55.0	128	228	82	55.1	45.5	41.3	17.0	13.0	59	Jun 04	509	33.8	1969
1970	8.7	9.4	8.2	73.5	219	420	369	62.2	53.9	121.0	33.3	21.3	117	Jun 17	1040	43.7	1970
1971	11.3	10.9	16.4	105.0	365	581	179	63.6	42.0	163.0	63.8	38.8	137	Jun 13	4670	37.4	1971
1972	20.4	16.0	12.9	114.0	288	218	103	57.4	59.7	69.2	25.4	20.7	84	May 19	500	39.3	1972
1973	12.3	10.5	9.0	169.0	386	328	160	69.1	57.7	86.8	26.5	16.2	111	Apr 26	668	42.3	1973
1974	12.2	9.3	9.9	32.5	151	256	233	66.3	42.9	28.8	52.2	21.6	77	Jul 17	634	28.6	1974
1975	17.9	16.8	12.9	131.0	359	305	270	36.0	129.0	72.1	34.4	21.1	145	Aug 07	1040	85.1	1975
1976	17.4	15.9	12.2	99.9	363	293	233	117.0	102.0	152.0	50.4	22.8	124	May 06	1030	64.8	1976
1977	14.4	10.5	13.1	48.2	200	200	159	71.5	98.3	84.2	62.6	19.5	78	Jul 12	750	55.1	1977
1978	12.6	10.9	14.2	69.9	279	376	154	48.5	30.7	28.8	12.6	9.1	87	May 27	605	25.3	1978
1979	7.8	7.3	6.8	59.0	171	449	172	105.0	145.0	91.2	34.3	30.4	106	Jun 05	1220	70.8	1979
1980	22.2	23.2	29.4	78.5	290	203	98	62.4	26.3	22.4	32.2	12.5	75	May 27	512	21.9	1980
1981	9.5	9.8	7.9	26.9	230	319	497	287.0	113.0	59.1	20.0	16.2	134	Jul 15	6300	74.9	1981
1982	12.5	10.4	10.0	93.3	200	238	287	67.7	42.0	31.3	34.3	13.3	87	Jun 16	547	34.8	1982
1983	11.0	11.0	12.8	33.7	125	273	117	50.6	103.0	101.0	28.2	15.1	73	Jun 14	442	40.8	1983
1984	13.7	10.3	15.4	39.4	192	239	110	67.4	131.0	85.8	25.4	19.4	79	May 25	394	40.7	1984
1985	18.0	14.1	11.0	53.1	224	335	228	55.5	47.7	82.5	24.1	16.1	93	May 31	657	33.2	1985
1986	10.1	10.4	14.1	50.6	154	176	85	35.8	24.5	31.8	19.2	14.1	52	Aug 02	1190	30.2	1986
1987	9.1	7.1	6.5	27.7	202	318	206	277.0	114.0	54.5	34.4	35.3	108	May 14	306	19.5	1987
1988	25.8	13.4	23.5	68.1	238	778	188	32.4	32.4	30.3	34.4	17.9	124	Aug 24	1120	62.7	1988
1989	15.1	12.3	12.2	122.0	395	317	158	59.9	55.1	35.2	25.8	21.8	103	Jun 12	5480	26.7	1989
1990	17.5	14.5	52.7	101.0	160	186	53	23.5	52.5	63.8	25.5	10.9	63	May 10	1110	34.1	1990
1991	8.7	7.8	10.1	31.1	153	106	135	45.4	33.3	31.5	29.9	15.8	51	Jun 02	337	17.2	1991
1992	12.0	10.4	16.7	138.0	258	306	164	55.6	37.2	39.6	20.6	15.8	90	Jun 29	410	26.6	1992
1993	11.3	9.5	10.7	92.0	261	235	98	84.1	30.7	23.6	16.5	16.2	74	Jun 15	687	28.9	1993
1994	14.5	13.0	14.2	78.6	256	333	196	106	76.5	73.2	35.2	20.0	102	May 16	512	22.9	1994
1995	3	3	3	18	61	76	47	25	18	17	8	5	284	Average	1237	9.32	1995
Normd																	m ³ /s
mm																	m ³ /s



WARE 1188696

location: 57°26, 125°38, 777 m

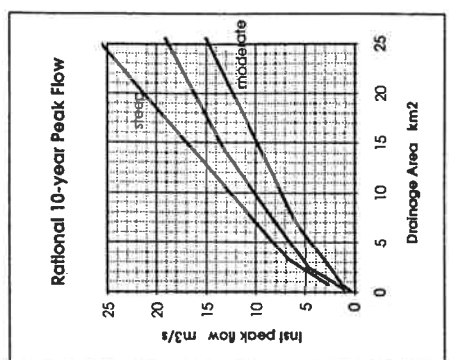
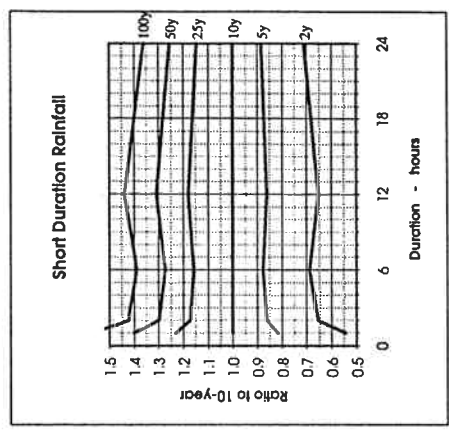
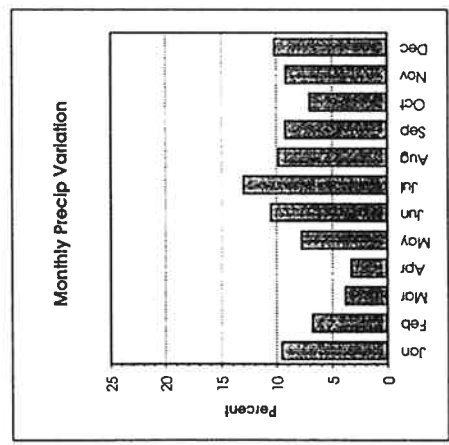
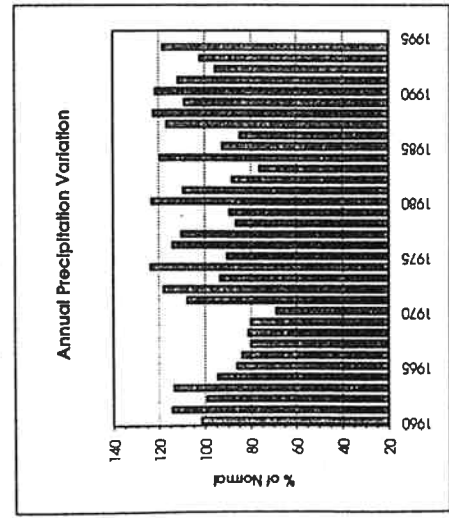
Monthly and Annual Precipitation in mm

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	43	21	35	25	30	59	110	4	13	26	43	24	465			34	31	27	21	21	1960
1961	48	24	1	21	10	37	30	72	38	42	36	35	524			36	21	20	13	9	1961
1962	58	12	18	14	20	57	28	33	20	22	48	56	454			23	18	14	7	4	1962
1963	46	46	26	4	8	23	65	21	40	6	38	44	521		15	16	9	9	7	6	1963
1964	47	11	6	5	32	25	47	28	77	33	35	27	395	Nov	22	34	31	27	21	21	1964
1965	14	34	6	17	33	12	16	39	75	15	82	25	385	Jul	21	36	21	20	13	9	1965
1966	23	35	14	5	29	30	31	35	41	18	23	32	367	May	24	23	12	9	7	4	1966
1967	23	35	14	5	29	112	49	62	41	36	55	42	373								1967
1968	58	5	14	4	16	55	95	23	26	44	42	85	316								1968
1969	33	49	31	15	15	55	55	23	26	44	42	85	494	Dec	19	25	23	18	11	8	1969
1970	21	48	12	7	43	59	51	9	81	19	38	42	541	Sep	24	26	23	18	11	8	1970
1971	63	41	39	33	69	29	85	36	57	44	13	68	568	Sep	20	35	31	17	10	10	1971
1972	47	41	15	3	30	36	85	48	12	15	56	57	415	Jul	34	35	31	17	10	10	1972
1973	66	51	16	9	41	54	57	63	23	33	18	94	522	Jun	22	31	25	19	11	6	1973
1974	33	19	10	5	97	46	116	47	27	29	44	33	505	May	24	27	19	13	10	10	1974
1975	33	19	10	5	21	35	25	79	49	39	62	21	397	Nov	20	23	17	14	9	5	1975
1976	24	15	19	8	21	27	81	15	65	12	0	51	409	Dec	20	32	27	22	12	7	1976
1977	40	63	10	7	38	80	87	57	53	40	50	89	565	Jun	28	46	37	19	13	11	1977
1978	27	10	21	17	33	80	32	86	18	24	51	27	501	Aug	43	46	37	19	13	11	1978
1979	28	23	10	61	56	85	51	51	18	24	51	27	501	Jan	22	46	37	19	13	11	1979
1980	84	57	12	2	19	9	40	56	20	39	27	41	405	Jan	22	46	37	19	13	11	1980
1981	28	10	4	16	18	94	51	33	26	19	35	15	350	Apr	14	46	37	19	13	11	1981
1982	28	10	4	16	18	94	51	33	26	19	35	15	350	Apr	14	46	37	19	13	11	1982
1983	61	26	9	16	76	57	68	79	32	39	15	71	549	Jul	27	46	37	19	13	11	1983
1984	27	38	14	24	24	37	46	46	58	58	37	24	549	Jun	22	46	37	19	13	11	1984
1985	51	16	17	7	35	13	44	11	35	58	62	41	390	Jun	22	46	37	19	13	11	1985
1986	56	53	33	9	33	39	53	67	49	41	62	40	534	Jul	17	46	37	19	13	11	1986
1987													561								1987
1988													498								1988
1989													558								1989
1990													512								1990
1991													437								1991
1992													468								1992
1993													542								1993
1994																					1994
1995																					1995

normal	44	31	17	15	36	48	60	45	42	32	42	47	458	average	23	29	22	17	11	8	average
excess	0	0	0	98	19	0	0	0	0	0	0	0	117	10-year	31	39	32	23	16	14	10-year



Williston Lake Inflow

W.A.C. Bennett Dam

Monthly and Annual Inflow in m³/s

d.o.a. = 72,002 km²

median elevation = 1222 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean Normal	% of	Year
1960	283	251	246	563	2262	3794	2832	1283	883	1087	688	311	1209	110	1960
1961	297	283	257	600	3171	4162	1472	765	765	934	580	234	1115	102	1961
1962	250	211	208	479	1549	3766	2758	1594	838	872	1022	484	1173	107	1962
1963	239	320	261	663	2356	3370	2311	1036	835	943	473	374	1102	100	1963
1964	317	289	240	371	1702	6683	2860	1940	906	1152	773	348	1464	133	1964
1965	320	306	300	385	1662	3851	2129	872	699	1076	631	273	1044	95	1965
1966	253	246	230	479	2226	3964	2648	1249	1073	773	538	354	1173	107	1966
1967	303	254	201	256	2226	5182	1795	861	651	1127	569	244	1141	104	1967
1968	231	289	317	592	2778	317	2124	779	810	674	328	103	1127	103	1968
1969	208	172	190	496	2151	2967	923	979	1227	823	583	449	933	85	1969
1970	230	240	230	343	1791	3986	1281	832	751	618	283	220	901	82	1970
1971	137	320	320	381	2172	3776	1908	820	1051	802	480	273	1021	93	1971
1972	257	176	235	395	3089	5593	2233	1371	616	665	439	365	1289	117	1972
1973	300	245	236	379	2788	4132	2150	1515	861	570	251	371	1091	100	1973
1974	181	245	283	570	2094	3775	3118	1515	847	1383	544	415	1254	114	1974
1975	292	312	204	319	1726	3076	1839	1147	570	419	359	196	874	80	1975
1976	339	222	189	440	2811	4191	3347	1874	946	743	565	376	1341	122	1976
1977	278	260	214	701	3332	2325	1111	1111	752	720	433	396	1101	100	1977
1978	279	196	210	456	1456	2896	953	683	701	855	612	355	805	73	1978
1979	227	304	196	332	2003	3946	2461	791	708	614	263	199	1006	92	1979
1980	233	129	177	517	1860	2194	1473	792	1121	1022	763	416	891	81	1980
1981	545	364	237	535	3872	3622	1771	762	644	573	544	304	1152	105	1981
1982	266	230	293	237	1921	4406	2033	1099	935	907	638	313	1109	101	1982
1983	278	274	237	663	2159	3035	2207	1025	816	704	658	281	1031	94	1983
1984	276	252	236	603	1733	4175	2472	1222	1185	1259	460	334	1185	108	1984
1985	439	214	272	435	2236	3274	2197	726	870	706	256	371	1004	92	1985
1986	247	244	237	389	1700	4051	2385	742	411	896	554	392	1023	93	1986
1987	289	280	280	565	2797	4833	2169	1088	997	768	1078	393	1256	114	1987
1988	330	314	308	755	3668	3713	2041	1082	576	689	519	379	1198	109	1988
1989	311	243	243	608	2869	3132	1312	893	561	665	586	499	975	89	1989
1990	415	298	262	689	3138	5083	1558	414	428	428	291	349	1125	103	1990
1991	251	318	282	728	3228	2908	1492	735	908	1191	710	503	1106	101	1991
1992	450	255	486	1366	2645	4841	1422	495	912	1379	630	384	1270	116	1992
1993	350	288	250	717	3497	2410	1308	1066	579	479	461	359	987	90	1993
1994	378	323	331	949	3076	1782	1020	875	1020	821	475	413	1130	103	1994
1995	347	284	255	696	2969	2427	1784	1026	578	613	460	359	988	90	1995
1996	370	279	319	988	2097	5058	3538	1442	1078	1032	538	426	1432	131	1996
normal	286	258	237	488	2344	3906	2076	1027	805	816	547	343	1097	normal	
mm	11	9	9	18	87	141	77	38	29	30	20	13	481	mm	

