

# Zone 14

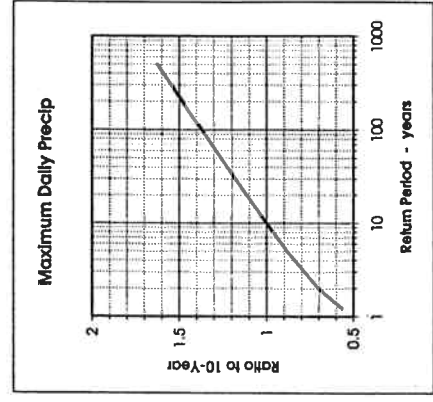
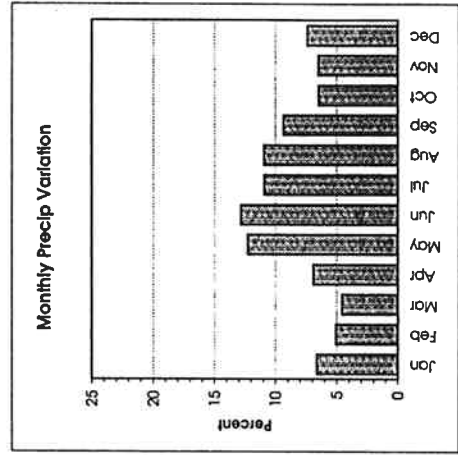
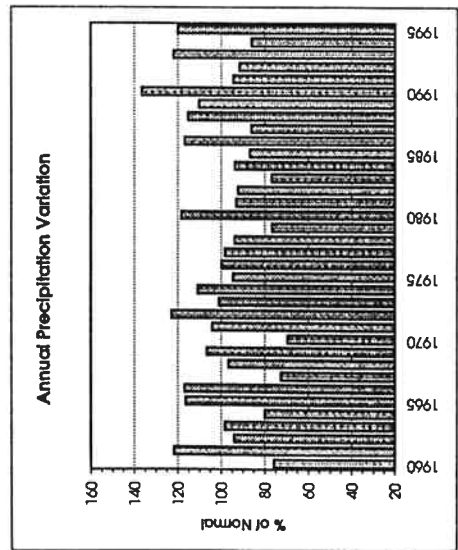
**BANFF 3050520**

Location: 51°11'N, 115°34', 1397 m

Monthly and Annual Precipitation in mm

Maximum Daily Precip

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	Year
1960	14	16	16	52	42	27	19	49	38	26	37	18	355	Apr	30	1960
1961	34	82	9	34	62	33	57	44	54	69	41	52	570	Feb	31	1961
1962	57	21	22	28	44	15	64	52	38	19	57	24	441	Jul	34	1962
1963	24	17	24	20	36	78	94	35	34	26	51	22	460	Jul	25	1963
1964	28	3	8	29	62	51	38	17	62	31	24	21	374	May	26	1964
1965	19	73	16	23	25	87	52	65	73	23	37	53	545	Aug	32	1965
1966	28	9	7	55	115	74	55	31	22	90	48	12	547	Apr	28	1966
1967	33	22	28	35	44	52	8	28	9	50	8	25	340	May	17	1967
1968	32	6	41	32	51	48	46	49	43	25	22	59	452	Dec	24	1968
1969	43	11	7	65	58	98	82	21	52	26	26	11	499	Sep	24	1969
1970	20	12	16	22	18	101	31	5	29	11	27	34	325	Jun	50	1970
1971	79	22	40	35	37	55	34	11	42	45	21	67	488	Mar	28	1971
1972	67	108	35	21	16	76	46	35	79	32	5	55	575	Feb	37	1972
1973	20	14	22	47	93	51	30	64	36	34	48	14	473	May	54	1973
1974	127	18	33	67	53	44	11	66	27	20	29	25	519	Apr	34	1974
1975	16	44	12	18	18	35	75	81	14	31	18	83	442	Dec	34	1975
1976	7	25	30	22	86	52	40	79	79	9	16	21	467	May	30	1976
1977	20	6	29	9	83	32	43	92	51	7	42	46	460	Sep	27	1977
1978	23	9	24	41	51	60	26	44	48	46	51	16	439	Oct	20	1978
1979	5	33	11	36	35	27	13	43	30	23	2	102	358	Dec	46	1979
1980	19	15	40	12	88	92	31	64	64	11	49	70	554	Nov	26	1980
1981	12	11	6	23	150	47	112	13	7	25	6	24	436	Jul	29	1981
1982	33	22	50	24	52	59	47	44	50	15	21	15	431	May	22	1982
1983	25	7	9	26	23	92	56	47	35	11	17	11	359	Jun	21	1983
1984	33	15	22	21	54	46	26	73	53	25	19	52	438	Dec	21	1984
1985	1	9	9	34	65	52	15	77	75	50	19	1	407	Sep	33	1985
1986	15	49	22	24	81	69	96	36	82	18	50	3	546	Jul	31	1986
1987	10	13	23	43	24	61	80	68	35	9	7	30	403	Jun	20	1987
1988	25	9	24	47	45	78	105	70	54	24	15	44	539	Jul	36	1988
1989	45	11	17	55	25	53	39	146	31	24	55	15	516	Aug	38	1989
1990	22	22	15	26	131	83	81	39	9	81	85	34	638	Jun	35	1990
1991	10	10	26	24	74	103	42	53	42	25	18	9	442	Jun	41	1991
1992	26	10	3	36	49	59	105	36	32	40	18	14	428	Jun	35	1992
1993	7	11	43	69	45	93	126	81	29	25	18	24	571	Jun	35	1993
1994	28	27	23	19	43	60	18	79	8	56	17	26	403	Jun	35	1994
1995	5	26	21	31	90	89	62	71	31	37	64	33	562	Jun	35	1995
normal	31	24	22	32	57	60	51	51	44	30	30	35	468	average	30	average
excess	0	0	0	101	42	0	0	0	0	0	0	0	143	10-year	41	10-year



# FERNIE 1152850

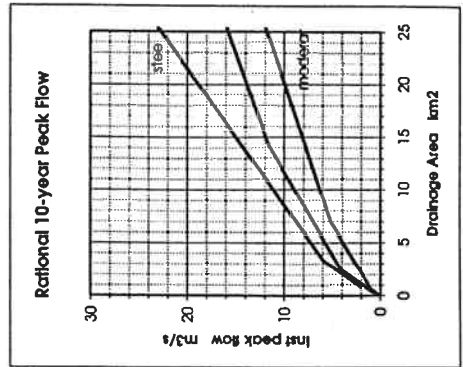
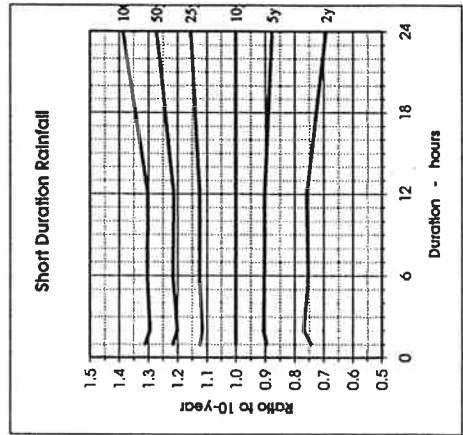
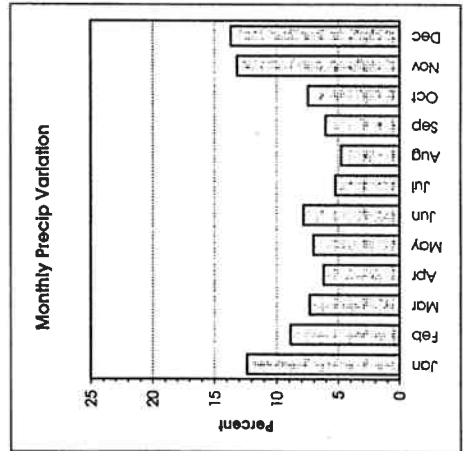
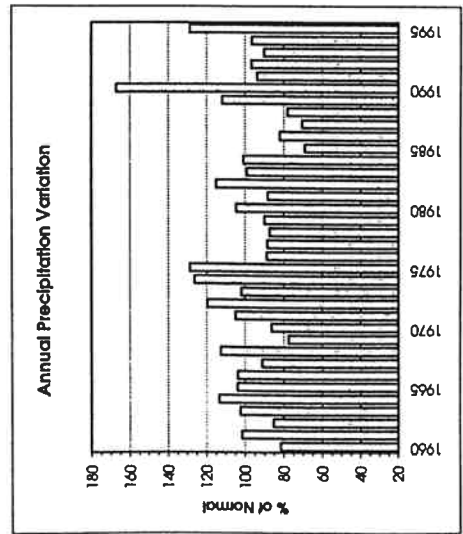
location: 49°30', 115°4', 1001 m

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	89	58	120	84	68	20	8	67	78	107	184	60	942	Mar	27						1960
1961	159	224	59	104	51	32	57	37	67	82	162	141	1174	Feb	47						1961
1962	78	74	84	55	66	36	21	50	64	55	249	156	986	Jan	28						1962
1963	83	105	75	47	78	169	27	28	92	149	260	156	1184	Jun	28						1963
1964	249	44	89	61	88	40	86	62	119	53	194	224	1311	Sep	44						1964
1965	133	209	13	73	108	69	24	71	65	43	197	196	1200	Feb	70						1965
1966	212	62	97	41	74	88	69	66	3	98	204	186	1200	Feb	38						1966
1967	264	101	118	28	37	68	23	9	9	165	83	150	1054	Jan	38						1967
1968	141	80	115	62	103	104	50	55	82	137	131	242	1301	Nov	51						1968
1969	229	41	51	90	83	141	19	8	122	34	27	50	895	May	42						1969
1970	153	40	42	102	48	83	66	13	114	81	82	173	998	Apr	38						1970
1971	194	57	107	67	48	77	66	41	59	114	134	250	1214	Nov	50						1971
1972	224	229	107	95	44	109	104	20	139	68	44	200	1383	Jan	37						1972
1973	115	79	60	42	49	148	7	38	67	109	278	184	1177	Jun	46						1973
1974	260	114	136	102	119	94	142	38	71	11	230	145	1460	Nov	57						1974
1975	134	179	80	54	85	106	72	128	52	182	107	309	1487	Dec	83						1975
1976	112	162	89	32	115	68	56	180	16	87	41	68	1027	Oct	41						1976
1977	57	50	80	12	84	45	77	137	88	43	138	215	1024	Aug	34						1977
1978	107	47	78	68	165	71	88	86	98	20	90	93	1010	Nov	49						1978
1979	75	191	51	80	92	68	59	19	34	97	11	262	1040	Dec	47						1979
1980	100	85	101	46	90	50	44	120	96	28	178	273	1210	Dec	41						1980
1981	27	100	37	94	77	220	7	28	81	67	78	116	1021	Oct	30						1981
1982	178	266	98	67	39	67	56	33	84	114	151	178	1331	Feb	49						1982
1983	154	99	108	46	21	119	196	40	52	78	162	70	1144	Jul	87						1983
1984	109	59	82	58	161	72	54	17	97	84	193	180	1166	Dec	37						1984
1985	7	43	21	121	29	132	7	65	128	155	78	12	799	Jun	50						1985
1986	27	65	81	75	88	121	32	35	55	78	251	41	948	Nov	84						1986
1987	103	50	147	111	85	34	82	44	19	13	33	98	816	Mar	35						1987
1988	99	50	134	176	76	62	54	29	72	16	84	84	901	Apr	49						1988
1989	232	30	163	86	87	67	50	107	48	117	215	92	1293	Nov	76						1989
1990	277	151	43	58	142	111	82	54	3	214	514	281	1931	Nov	159						1990
1991	174	116	89	132	67	105	36	51	21	67	140	87	1084	Apr	47						1991
1992	198	62	33	77	89	121	121	26	163	77	75	121	1116	Sep	34						1992
1993	73	20	79	96	101	151	162	52	47	61	77	124	1042	May	33						1993
1994	99	155	79	60	113	106	21	24	19	198	143	97	1114	Oct	92						1994
1995	95	73	57	49	49	194	98	129	53	200	351	139	1487	Jun	78						1995
normal	143	103	85	72	81	90	61	55	70	86	152	158	1156	average	52						8 average
excess	45	45	309	99	35	0	0	0	0	0	63	63	659	10-year	74						10-year



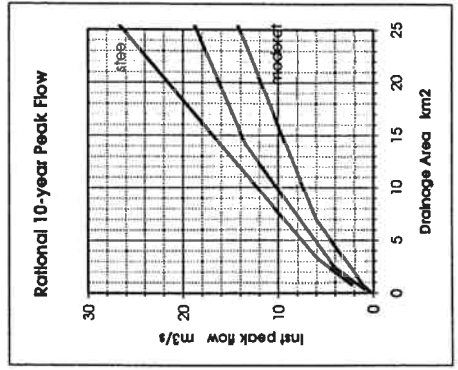
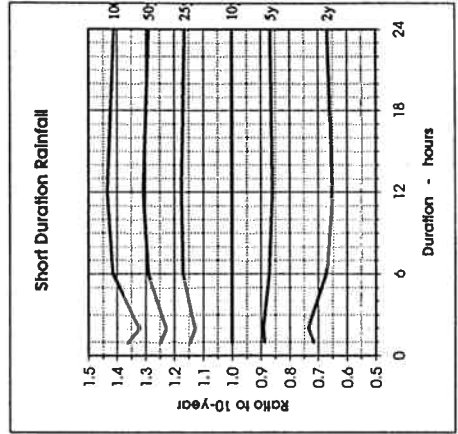
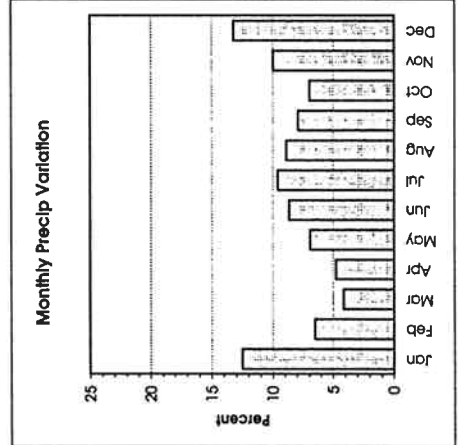
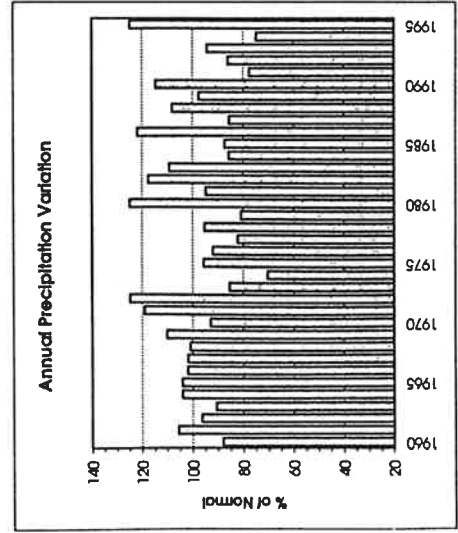
# GOLDEN 1173210

Monthly and Annual Precipitation in mm

location: 51°18', 116°59', 785 m

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	48	24	23	7	59	48	8	37	27	29	73	46	431	Nov	17						1960
1961	59	39	33	26	35	22	54	43	30	45	40	90	516	Dec	29						1961
1962	59	18	30	27	43	16	71	52	24	28	41	63	472	Dec	25						1962
1963	44	48	21	29	13	29	60	29	24	61	43	44	444	Oct	25						1963
1964	67	16	12	18	10	41	50	39	77	15	80	85	509	Nov	19						1964
1965	67	47	8	8	27	41	10	43	50	45	39	124	509	Dec	25						1965
1966	119	17	27	31	73	31	31	7	25	53	50	35	499	May	50						1966
1967	67	46	31	25	50	36	13	7	25	25	18	76	498	Jan	24						1967
1968	67	17	57	24	26	58	28	26	50	22	36	46	539	Jun	30						1968
1969	73	40	15	82	40	61	41	33	51	23	74	67	455	Nov	22						1969
1970	83	11	10	26	22	43	52	8	48	29	55	133	583	Aug	19						1970
1971	110	28	26	26	34	37	18	38	11	18	19	55	611	Jun	33						1971
1972	103	99	43	15	31	107	20	11	92	18	110	35	618	May	19						1972
1973	31	15	12	7	54	5	27	42	19	62	42	42	418	May	22						1973
1974	102	21	17	21	17	18	7	23	16	19	42	35	344	Jan	22						1974
1975	67	49	5	1	26	38	35	58	11	44	58	76	468	Feb	23						1975
1976	45	24	8	28	25	64	62	101	39	11	20	24	450	Aug	24						1976
1977	12	4	4	5	45	37	33	57	30	21	71	83	402	Dec	28						1977
1978	47	15	8	44	32	24	40	72	78	31	39	36	466	Jan	25						1978
1979	22	62	12	13	32	23	23	20	46	20	8	114	396	Dec	34						1979
1980	66	40	18	12	76	77	32	50	38	26	54	123	612	Jan	35						1980
1981	17	29	15	31	31	35	119	20	31	36	24	76	464	Jul	38						1981
1982	60	41	29	17	21	39	77	71	72	27	48	74	475	Aug	19						1982
1983	97	34	30	30	19	45	69	44	28	41	44	32	534	Jul	30						1983
1984	64	3	10	14	38	27	14	81	32	12	61	63	419	Aug	38						1984
1985	22	25	12	35	34	44	10	70	55	83	23	13	427	Oct	19						1985
1986	60	82	25	11	39	59	103	20	66	23	84	24	596	Jul	25						1986
1987	35	19	35	32	29	35	81	43	28	9	20	53	418	Jul	22						1987
1988	38	13	24	55	21	84	88	41	37	31	45	52	528	Jul	25						1988
1989	63	11	23	23	16	40	42	92	20	40	75	34	477	Aug	25						1989
1990	43	44	11	23	55	58	58	6	6	62	116	65	561	Nov	19						1990
1991	16	28	26	24	43	51	24	52	18	38	39	23	380	Oct	22						1991
1992	58	18	6	37	41	61	53	34	34	22	22	34	421	Jun	32						1992
1993	29	5	33	10	33	69	79	60	30	41	28	43	461	Jun	23						1993
1994	23	17	24	18	28	42	13	63	19	36	22	62	366	Aug	16						1994
1995	24	31	30	21	68	47	51	68	34	34	154	49	611	May	19						1995
normal	61	32	20	23	34	42	47	43	39	34	49	65	489	average	26						9 average
excess	0	0	88	17	0	0	0	0	0	0	0	0	105	10-year	35						10-year

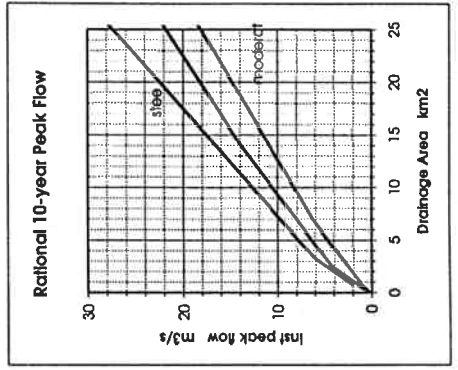
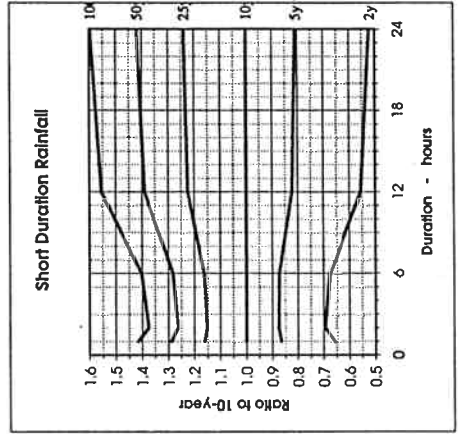
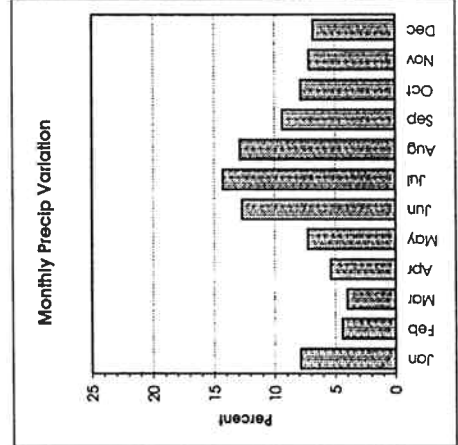
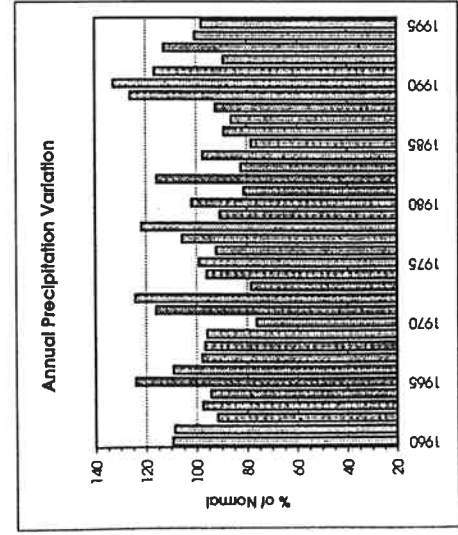


# JASPER 3053520

location: 52°53' 118°4' 1061 m

Monthly and Annual Precipitation in mm

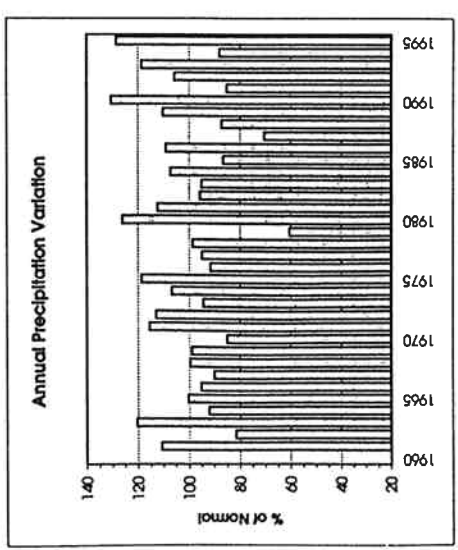
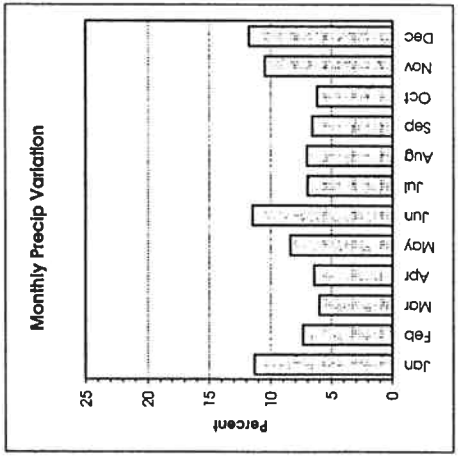
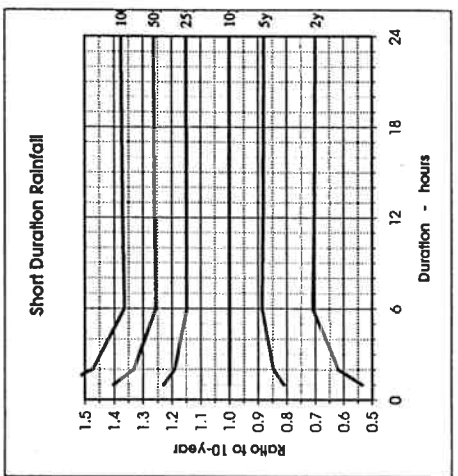
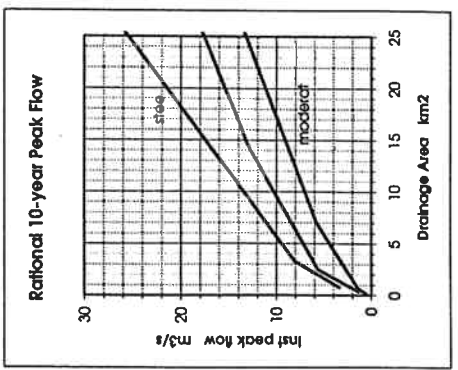
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	Short Duration Rainfall
1960	8	14	22	22	94	83	6	60	58	27	23	16	431	Sep	33	1h
1961	39	26	6	24	20	42	89	16	30	68	30	37	428	Jun	26	2h
1962	41	8	7	27	45	14	35	45	23	24	44	50	361	Dec	22	6h
1963	26	22	15	39	8	40	67	24	13	54	49	28	384	Nov	21	12h
1964	26	16	9	27	58	58	35	27	69	21	44	12	372	Sep	23	24h
1965	45	51	5	30	55	43	68	42	24	45	37	35	489	May	24	1h
1966	36	7	20	38	45	24	57	65	24	45	34	36	430	Aug	23	2h
1967	43	35	16	3	21	56	55	29	21	58	12	36	365	Jul	28	3h
1968	32	16	10	34	38	53	41	56	33	19	27	22	381	Aug	27	4h
1969	25	11	4	25	29	26	48	125	28	23	26	6	377	Aug	108	5h
1970	13	11	17	28	35	60	36	13	31	11	31	25	300	Jun	33	6h
1971	83	17	29	22	11	92	84	11	41	15	16	26	457	Jun	37	7h
1972	40	52	38	14	26	104	53	43	56	18	9	35	489	Jun	32	8h
1973	24	10	18	23	25	32	15	39	22	40	61	11	309	Nov	17	9h
1974	88	10	22	16	25	33	55	25	29	25	35	16	378	Jul	28	10h
1975	12	18	9	4	31	73	22	77	18	37	47	42	390	Aug	16	11h
1976	27	13	12	13	19	30	45	90	42	29	14	29	363	Sep	18	12h
1977	8	11	21	11	51	66	96	34	54	33	22	10	479	Jul	46	13h
1978	12	1	14	41	41	66	96	34	108	33	22	10	357	Jul	25	14h
1979	8	41	8	22	28	105	21	65	19	16	18	56	401	Dec	24	15h
1980	19	13	17	8	26	20	107	32	36	20	21	18	320	Dec	19	16h
1981	2	5	7	29	24	29	135	56	28	27	5	7	455	Jul	33	17h
1982	70	34	23	12	30	74	54	21	29	53	15	19	324	Oct	22	18h
1983	14	6	22	9	9	54	23	52	63	27	20	32	384	Jun	15	19h
1984	38	7	2	27	28	59	115	53	45	53	14	7	308	Jun	22	20h
1985	7	16	2	27	24	54	7	17	43	10	27	9	351	Jul	24	21h
1986	13	20	44	8	17	28	67	70	26	8	18	21	339	Jul	27	22h
1987	29	6	18	23	25	26	25	84	27	26	26	26	364	Aug	33	23h
1988	21	17	24	28	10	56	42	122	39	36	45	22	497	Aug	23	24h
1989	73	3	10	15	34	55	42	122	27	36	45	32	523	Aug	33	1h
1990	20	20	19	8	51	79	71	58	27	61	76	32	523	Oct	32	2h
1991	3	28	18	30	64	81	81	109	66	32	24	17	489	Nov	27	3h
1992	28	1	4	37	42	33	69	26	62	17	21	17	351	Nov	17	4h
1993	5	0	27	9	41	80	76	116	31	16	18	25	444	Dec	25	5h
1994	25	23	20	21	46	94	20	71	18	26	11	21	396	Dec	21	6h
1995	3	31	10	12	17	56	72	72	9	36	51	16	385	Oct	32	7h
normal	31	17	16	21	29	50	56	51	37	31	28	27	394	average	28	8 coverage
excess	0	0	0	30	0	0	0	0	0	0	0	0	30	10-year	39	11 coverage



# KIMBERLEY PCC 1154203

Monthly and Annual Precipitation in mm  
location: 49-38, 115-59, 889 m

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	24h	12h	6h	2h	1h	Year
1960	21	51	24	16	50	29	53	39	50	29	32	65	459								1960
1961	27	21	19	11	28	31	24	28	11	25	63	40	339								1961
1962	35	34	27	18	20	167	77	18	19	14	57	23	500								1962
1963	68	15	35	28	17	32	15	13	16	10	71	63	382								1963
1964	59	39	18	16	35	40	11	24	41	14	39	79	416								1964
1965	60	19	36	18	31	35	23	18	2	44	68	40	395								1965
1966	60	21	65	7	25	50	3	1	2	73	12	56	374								1966
1967	72	21	26	15	42	29	9	26	29	24	38	82	413								1967
1968	74	32	23	44	39	101	8	1	21	14	19	34	411								1968
1969	51	21	21	22	20	21	15	4	34	11	35	97	353								1969
1970	101	30	40	30	22	30	12	18	19	35	41	100	480								1970
1971	73	56	37	37	12	48	36	20	51	34	13	54	469								1971
1972	38	35	26	11	9	50	3	3	13	20	105	51	392								1972
1973	85	30	33	39	29	21	28	33	15	5	76	50	443								1973
1974	67	71	28	28	9	20	53	70	25	59	37	24	492								1974
1975	50	60	25	19	23	34	38	64	9	20	22	16	380								1975
1976	10	10	14	4	53	32	43	30	58	16	60	72	394								1976
1977	78	22	11	66	60	27	17	24	27	9	23	27	409								1977
1978	19	26	12	35	26	9	17	30	5	26	2	45	251								1978
1979	57	25	31	24	50	64	28	48	25	30	43	98	523								1979
1980	14	36	5	23	98	84	73	9	17	28	31	51	467								1980
1981	56	46	25	11	20	43	14	27	70	17	12	57	397								1981
1982	19	11	24	55	11	78	32	46	12	11	59	37	394								1982
1983	22	18	14	36	54	87	38	17	32	13	65	48	445								1983
1984	3	25	3	16	30	57	3	44	90	60	16	13	359								1984
1985	28	69	22	43	36	49	33	14	48	24	76	11	453								1985
1986	32	11	6	29	41	37	49	19	14	4	17	45	292								1986
1987	27	6	37	24	12	42	17	27	41	15	58	28	362								1987
1988	40	27	22	46	104	41	42	102	27	31	23	20	457								1988
1989	64	32	15	34	39	39	38	30	0	56	87	42	542								1989
1990	32	33	55	21	31	33	30	18	23	12	48	18	353								1990
1991	32	20	9	29	42	87	79	12	17	22	29	62	439								1991
1992	41	30	6	13	65	69	94	48	46	11	36	32	492								1992
1993	14	64	6	29	47	64	8	12	6	49	33	34	365								1993
1994	40	20	50	34	38	89	46	23	13	39	70	70	533								1994
1995	47	31	25	27	35	48	29	29	27	26	43	49	415								1995
normal	0	0	30	13	0	0	0	0	0	0	0	0	43	average	24	25	21	17	13	10	average
excess																34	29	23	19	17	10-year



# MCBRIDE NORTH 1094955

Location: 53°22, 120°15, 771 m

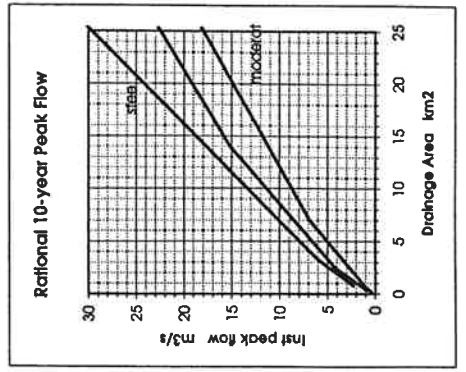
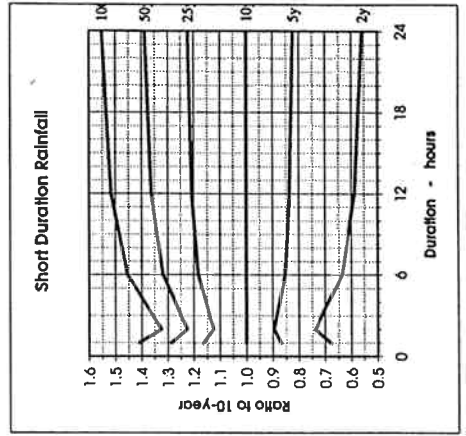
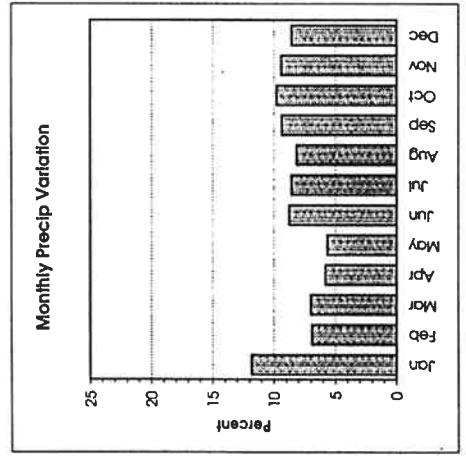
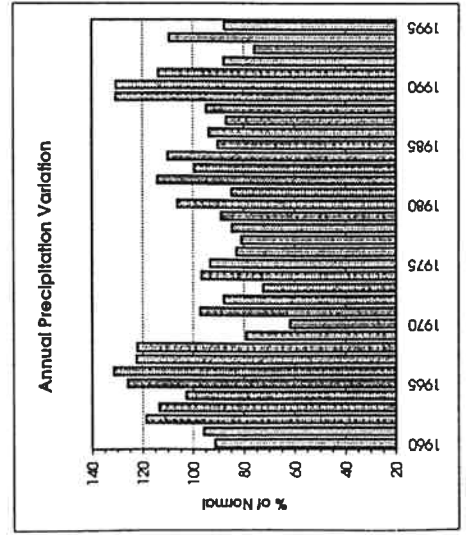
Monthly and Annual Precipitation in mm

Maximum Daily Precip

Short Duration Rainfall

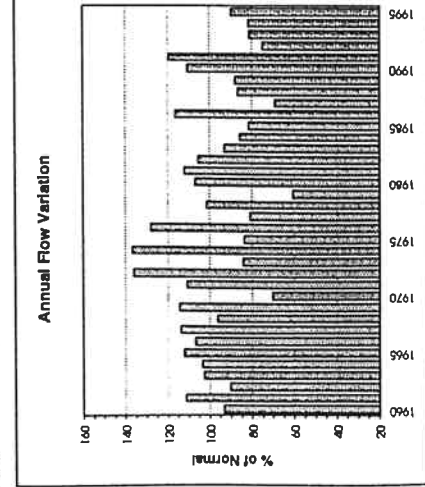
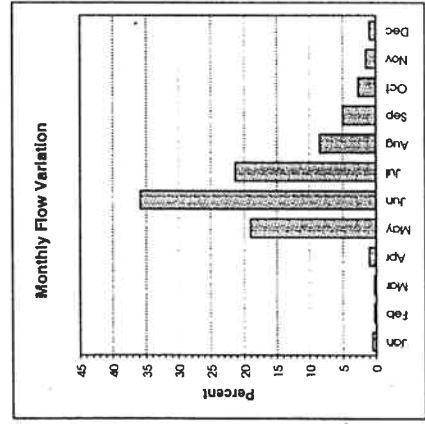
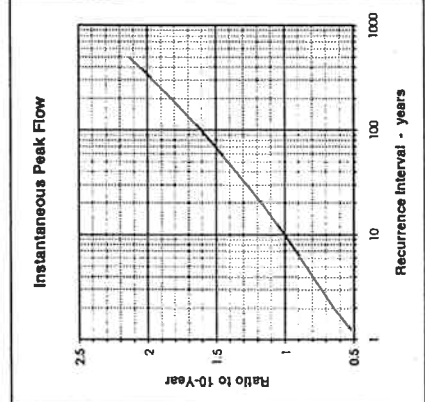
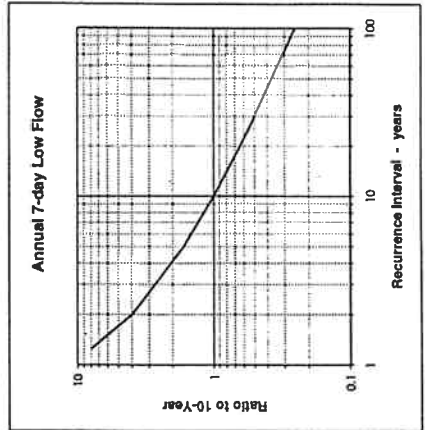
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	month	mm	24h	12h	6h	2h	1h	Year
1960	68	39	43	30	72	94	7	68	47	98	47	57	669								1960
1961	117	79	16	47	17	41	45	36	62	116	79	47	701								1961
1962	73	77	213	31	18	48	79	90	74	39	94	31	867								1962
1963	123	72	60	50	20	47	66	46	35	122	133	53	829								1963
1964	84	67	52	36	42	39	58	51	116	75	87	45	752								1964
1965	151	145	30	59	34	31	55	86	64	90	93	83	921								1965
1966	144	42	63	89	47	41	86	57	53	97	138	104	961								1966
1967	155	78	79	18	36	38	61	37	51	131	60	147	895								1967
1968	184	78	51	32	21	56	38	65	106	66	104	92	893								1968
1969	52	77	11	40	40	32	70	74	72	54	37	19	577								1969
1970	31	29	23	77	53	45	24	18	57	32	36	27	452								1970
1971	143	21	17	31	19	66	59	40	109	73	84	49	711								1971
1972	61	83	84	57	14	103	36	43	71	97	63	41	643	Oct	18	19	15	11	9	7	1972
1973	49	20	24	37	24	59	36	43	57	65	68	44	706	Jan	28	18	17	15	10	7	1973
1974	153	54	62	40	47	49	49	19	57	89	76	95	681	Dec	39	27	16	13	8	5	1974
1975	74	34	61	25	59	56	48	67	23	89	28	84	605	Aug	35	35	22	15	14	14	1975
1976	74	30	55	18	36	33	30	102	59	58	62	44	592	Jul	17	19	14	10	9	5	1976
1977	39	26	55	38	47	47	102	41	49	44	62	44	619	Jun	27	29	19	16	13	7	1977
1978	38	7	41	27	41	52	87	58	122	60	31	98	650	Sep	17	24	23	21	9	9	1978
1979	28	57	41	41	71	83	28	48	83	50	7	98	619	Dec	17	28	24	16	12	12	1979
1980	45	20	52	36	46	114	71	94	85	30	53	129	776	Jun	26	33	19	19	13	8	1980
1981	18	23	21	75	43	79	63	30	58	101	63	46	619	Oct	26	61	50	38	15	9	1981
1982	140	68	46	31	43	21	182	115	93	40	23	27	884	Jul	61	28	26	20	12	6	1982
1983	24	27	43	30	37	148	86	52	106	121	23	28	726	Jun	24	27	25	17	13	11	1983
1984	135	23	44	30	67	63	58	95	92	71	53	75	805	Aug	27	32	26	19	9	9	1984
1985	18	69	25	65	30	82	14	76	126	77	44	35	660	Aug	27	32	26	19	9	9	1985
1986	40	30	85	49	57	62	98	28	56	49	100	32	685	Nov	17	27	21	13	8	6	1986
1987	58	17	47	46	66	62	95	81	12	43	55	54	636	Jul	51	57	37	20	8	7	1987
1988	75	88	65	44	36	85	41	69	41	54	51	45	693	Aug	45	27	21	17	9	6	1988
1989	256	24	17	34	69	87	80	105	40	79	98	65	955	Aug	45	45	29	22	11	11	1989
1990	40	51	50	30	57	156	39	50	33	99	187	162	954	Jun	74	81	52	30	14	11	1990
1991	31	44	39	22	49	109	92	109	40	105	146	85	831	average	33	34	25	18	11	8	average
1992	10	10	17	52	35	50	37	48	120	75	38	56	642	10-year	50	56	40	27	14	12	10-year
1993	10	6	39	26	38	97	49	64	36	67	75	46	554								
1994	143	43	63	40	53	92	68	42	94	64	69	29	800								
1995	13	37	25	47	36	64	129	96	18	69	74	33	640								

normal  
excess



# ALBERT RIVER AT 1310 m CONTOUR 8NF005

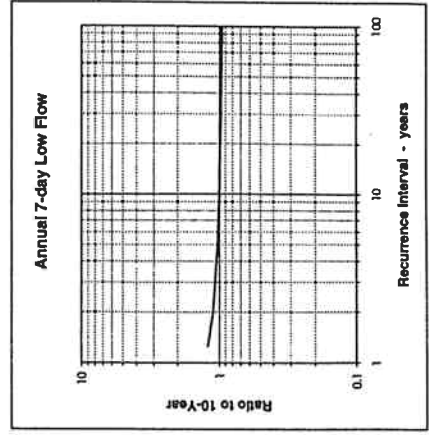
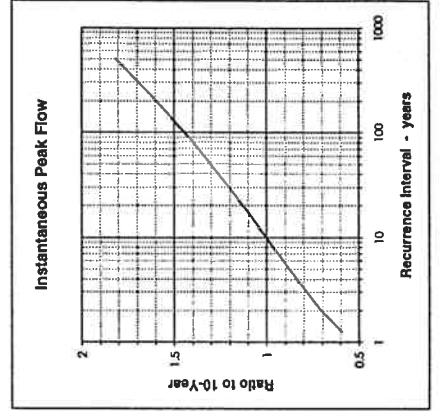
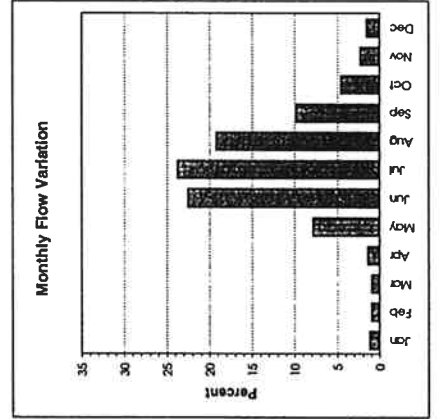
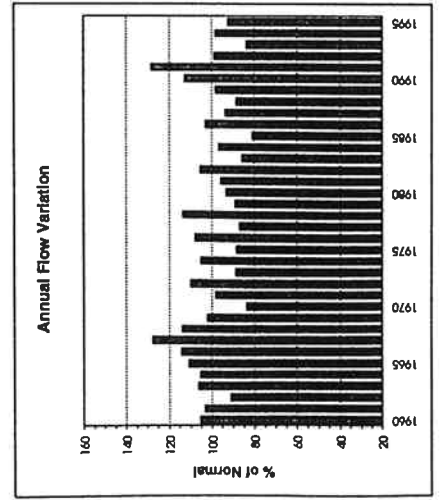
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Mean	Median Elevation = 2080 m					date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jun-Sep	Annual								
1960	0.07	0.03	0.02	0.03	2.89	6.72	4.15	2.61	0.98	0.53	0.30	0.17	13.3	0.739	0.012	1960							
1961	0.09	0.03	0.03	0.13	2.00	14.20	7.01	1.24	0.70	0.47	0.26	0.16	38.5	0.550	0.023	1961							
1962	0.04	0.02	0.01	0.02	1.19	6.51	5.03	2.18	0.93	0.41	0.19	0.08	12.1	0.655	0.003	1962							
1963	0.21	0.09	0.06	0.21	4.90	6.17	6.32	3.83	2.43	0.86	0.25	0.10	16.7	0.573	0.049	1963							
1964	0.08	0.06	0.03	0.26	3.42	5.72	2.36	1.88	1.43	0.61	0.20	0.08	15.8	1.14	0.026	1964							
1965	0.07	0.04	0.04	0.12	2.70	7.77	4.62	1.33	1.96	0.96	0.35	0.23	15.5	1.13	0.020	1965							
1966	0.10	0.04	0.03	0.03	2.16	5.68	2.63	0.73	0.36	0.20	0.09	0.05	12.7	0.293	0.025	1966							
1967	0.02	0.01	0.00	0.00	7.70	6.59	2.52	1.38	0.85	0.76	0.34	0.19	11.2	0.744	0.000	1967							
1968	0.25	0.13	0.09	0.16	5.46	5.55	6.67	2.35	0.67	0.43	0.25	0.14	18.3	0.334	0.009	1968							
1969	0.08	0.04	0.02	0.01	2.71	9.21	4.56	1.95	1.25	0.62	0.36	0.21	15.7	0.929	0.005	1969							
1970	0.11	0.05	0.03	0.11	3.54	6.57	5.19	1.38	0.72	0.34	0.29	0.15	15.5	0.549	0.024	1970							
1971	0.07	0.04	0.03	0.13	1.39	7.92	4.14	1.47	1.09	0.55	0.21	0.09	14.2	0.837	0.027	1971							
1972	0.05	0.02	0.01	0.09	5.04	5.98	2.29	0.83	0.94	0.47	0.32	0.15	13.5	0.672	0.002	1972							
1973	0.06	0.04	0.06	0.06	5.27	8.71	4.97	1.84	0.71	0.57	0.49	0.23	19.3	0.477	0.033	1973							
1974	0.06	0.04	0.06	0.17	5.44	3.98	1.78	1.22	0.47	0.22	0.09	0.03	12.8	0.332	0.016	1974							
1975	0.11	0.03	0.03	0.31	5.44	3.98	1.78	1.22	0.47	0.22	0.09	0.03	18.9	0.313	0.000	1975							
1976	0.01	0.00	0.00	0.41	4.92	7.01	2.75	0.83	0.41	0.50	0.32	0.14	13.3	0.762	0.003	1976							
1977	0.07	0.03	0.03	0.07	2.65	7.63	2.56	1.54	1.46	0.51	0.59	0.42	16.7	0.413	0.045	1977							
1978	0.25	0.08	0.05	0.30	3.62	8.78	5.63	1.40	0.59	0.52	0.42	0.05	15.7	0.421	0.029	1978							
1979	0.13	0.07	0.04	0.14	3.94	7.90	7.54	2.68	0.75	0.26	0.12	0.05	10.1	0.410	0.005	1979							
1980	0.03	0.01	0.03	0.66	4.13	4.48	2.81	0.98	0.51	0.67	0.41	0.17	15.9	0.624	0.007	1980							
1981	0.08	0.04	0.02	0.03	5.81	4.05	3.19	1.23	0.87	0.41	0.23	0.12	9.8	0.318	0.013	1981							
1982	0.09	0.04	0.02	0.46	4.53	6.07	3.25	0.96	0.44	0.20	0.10	0.05	18.6	0.637	0.007	1982							
1983	0.01	0.01	0.01	0.01	2.00	7.60	3.11	2.62	1.02	0.65	0.47	0.36	16.2	0.638	0.020	1983							
Normal	0.10	0.04	0.03	0.19	3.72	7.26	4.18	1.66	1.00	0.52	0.30	0.17	16.6	0.638	0.020	Average							





# ATHABASCA RIVER NEAR JASPER 7AA002

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 3880 km <sup>2</sup>	Median Elevation = 7 m					Mean	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		date	Jun-Sep	Annual							
1960	12.44	10.56	6.89	5.63	47.0	230	177	62.3	31.7	13.0	10.8	74.0	401	37.7	8.09	1960							
1961	8.89	12.80	9.65	14.70	105.0	248	225	104.0	49.3	23.9	15.0	87.0	388	64.0	8.09	1961							
1962	12.80	13.00	12.00	11.30	110.0	229	223	97.9	46.9	22.0	14.2	97.3	716	46.4	9.47	1962							
1963	12.70	12.50	9.66	13.40	89.6	201	208	91.7	44.0	17.3	15.6	78.7	464	55.3	8.78	1963							
1964	12.10	12.40	9.97	19.50	53.2	300	286	113.0	61.7	25.1	17.8	93.2	657	75.4	9.10	1964							
1965	13.40	12.50	10.80	11.90	48.9	311	156	83.0	46.4	40.0	18.6	78.2	445	64.2	9.30	1965							
1966	14.20	12.10	11.10	17.00	107.0	169	270	142.0	54.6	24.8	19.0	95.5	398	86.8	9.83	1966							
1967	13.20	10.50	9.37	17.20	63.1	223	203	96.1	39.5	23.3	15.1	77.0	374	65.4	8.46	1967							
1968	12.60	11.90	9.73	15.50	62.1	273	186	195.0	71.7	28.3	20.4	100.6	467	102	8.74	1968							
1969	13.20	11.00	11.80	12.40	53.9	254	187	110.0	45.7	12.8	12.5	78.8	390	81.9	8.47	1969							
1970	8.89	12.80	9.65	14.70	105.0	211	152	88.7	60.3	22.4	30.7	82.6	383	68.1	8.05	1970							
1971	12.80	13.00	12.00	11.30	110.0	197	162	115.0	35.0	26.7	14.1	84.7	348	58.1	9.43	1971							
1972	12.70	12.50	9.66	13.40	89.6	240	240	143.0	51.8	21.7	17.1	93.2	490	90.3	8.58	1972							
1973	12.10	12.40	9.97	19.50	53.2	294	190	87.1	46.6	34.0	16.7	76.0	353	56.1	7.86	1973							
1974	13.40	12.50	10.80	11.90	48.9	212	190	87.1	46.6	34.0	16.7	76.0	353	56.1	7.86	1974							
1975	14.20	12.10	11.10	17.00	107.0	254	210	122.0	54.6	37.9	16.9	85.6	722	79.1	9.33	1975							
1976	13.20	10.50	9.37	17.20	63.1	254	210	122.0	54.6	37.9	16.9	85.6	722	79.1	9.33	1976							
1977	12.60	11.90	9.73	15.50	62.1	321	194	91.2	46.1	25.0	16.0	91.1	638	51.9	8.18	1977							
1978	13.20	11.00	11.80	12.40	53.9	224	179	107.0	41.8	21.2	11.0	83.0	442	84.1	7.96	1978							
1979	8.89	12.80	9.65	14.70	105.0	219	177	103.0	57.0	28.1	16.3	78.5	383	50.2	9.12	1979							
1980	12.80	13.00	12.00	11.30	110.0	177	190	103.0	57.0	28.1	16.3	78.5	383	50.2	9.12	1980							
1981	12.70	12.50	9.66	13.40	89.6	254	237	188.2	48.1	28.7	18.4	86.8	453	74.0	8.30	1981							
1982	11.80	10.90	9.29	10.30	45.4	294	232	108.0	47.5	32.8	19.9	99.8	514	89.9	8.43	1982							
1983	12.70	9.36	10.60	12.80	66.4	209	301	129.0	59.8	30.6	18.8	113.6	570	80.8	11.1	1983							
1984	13.90	10.50	10.00	15.70	28.2	254	254	85.6	72.0	31.9	16.6	87.3	405	68.8	11.2	1984							
1985	13.10	10.70	9.77	12.00	102.0	176	156	78.6	36.1	14.5	11.7	71.8	327	52.4	7.77	1985							
1986	10.60	9.59	11.00	13.80	98.4	321	251	91.2	46.1	25.0	16.0	91.1	638	51.9	8.18	1986							
1987	11.80	9.60	10.40	13.90	111.0	250	224	107.0	41.8	21.2	11.0	83.0	442	84.1	7.96	1987							
1988	11.00	10.30	10.30	24.50	92.7	219	177	103.0	57.0	28.1	16.3	78.5	383	50.2	9.12	1988							
1989	11.10	9.79	11.80	15.40	73.5	254	240	88.2	48.1	28.7	18.4	86.8	453	74.0	8.30	1989							
1990	13.50	11.70	11.40	21.40	93.0	278	321	108.0	47.5	32.8	19.9	99.8	514	89.9	8.43	1990							
1991	14.90	14.80	12.00	23.40	121.0	270	301	129.0	59.8	30.6	18.8	113.6	570	80.8	11.1	1991							
1992	13.40	12.90	13.60	25.80	110.0	294	208	85.6	72.0	31.9	16.6	87.3	405	68.8	11.2	1992							
1993	11.80	9.27	9.41	14.30	139.0	176	173	90.6	41.6	20.9	18.6	74.0	315	54.7	7.82	1993							
1994	12.60	11.10	11.70	26.40	122.4	219	258	185	54.2	20.4	16.3	86.8	342	84.6	10.0	1994							
1995	12.40	11.10	11.00	11.60	70.1	252	177	104.0	41.5	23.5	17.3	81.9	450	66.9	9.86	1995							
Normal	12.61	11.12	10.33	15.81	82.0	244	201	106.0	48.3	24.9	16.6	88.5	455	68.8	8.97	m <sup>3</sup> /s							
mm	9	7	7	11	57	163	138	71	33	17	11	720	609	48.4	7.94	m <sup>3</sup> /s							



**BEAVER RIVER NEAR THE MOUTH 8NB019**

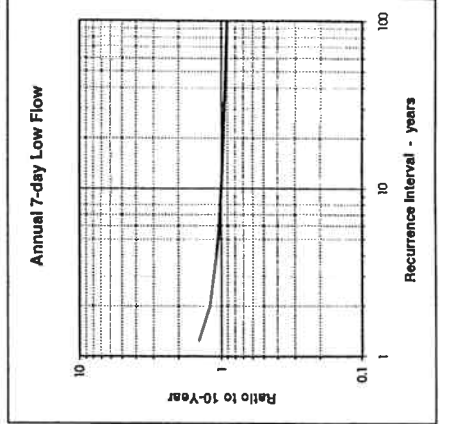
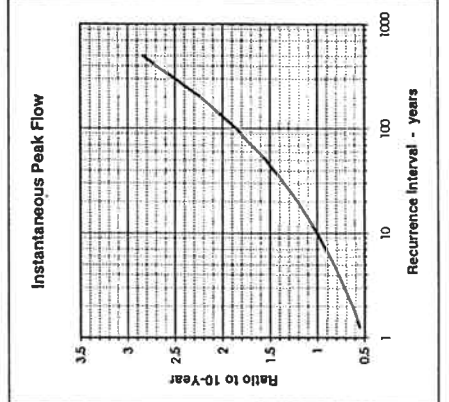
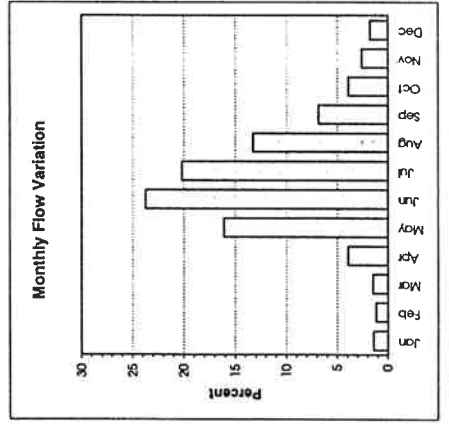
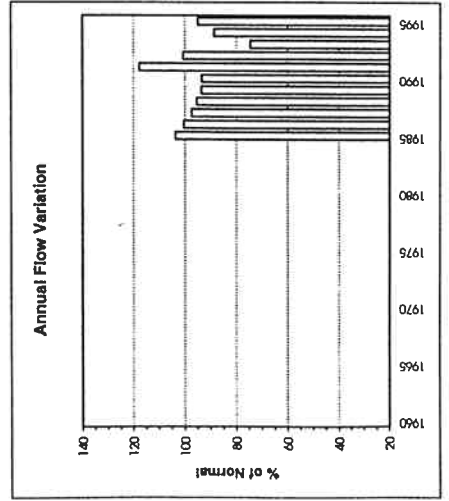
Location: 51°30'35", 117°27'42"

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow Annual	Year
1940	7.22	5.91	5.54	22.4	126.0	111	122	63.4	29.5	14.5	10.2	8.70	44.2	May 19	503	17.9	1960
1961	8.09	6.01	10.40	19.1	76.5	155	95	77.0	29.5	17.5	10.7	7.28	42.9	May 31	291	16.9	1961
1962		5.65	7.89	18.0	101.0	130	95	56.4	41.5	16.0	10.4	7.43	41.6	May 12	268	30.0	1962
1963	5.62	4.97	5.81	25.0	71.6	128	88	69.2	36.8	24.6	17.1	10.40	40.7	Jun 08	210	19.2	1963
1964	8.02	6.67	6.22	15.0	58.8	132	99	71.1	31.4	19.8	18.4	10.20	39.9	Jun 15	249	23.2	1964
1965	8.13	6.67	7.27	25.7	63.2	120	112	43.4	37.6	19.3	21.5	11.90	39.9	Jun 25	202	22.3	1965
1966	9.08	10.20	7.57	18.9	85.2	123	147	108.0	44.6	22.0	13.0	10.00	50.2	Jul 04	255	29.3	1966
1967	7.14	7.14	9.84	31.1	82.1	147	89	63.4	33.0	25.5	12.5	7.52	43.0	Jun 23	213	21.6	1967
1968	6.50	5.68	5.73	11.5	81.3	77	63	62.7	32.7	17.2	9.1	6.81	31.8	Jun 01	174	6.77	1968
1969	6.54	5.46	7.75	26.1	77.7	97	103	60.9	34.6	15.3	9.7	7.65	37.8	Jul 02	201	27.9	1969
1970	6.15	6.07	6.68	11.7	66.8	137	104	58.2	40.5	22.1	15.3	9.67	40.5	Jul 03	223	27.0	1970
1971																	1971
1972																	1972
1973																	1973
1974																	1974
1975																	1975
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1992																	1992
1993																	1993
1994																	1994
1995																	1995
Normal	7.05	6.40	7.34	20.4	80.9	123	102	66.7	35.6	19.6	13.4	8.87	42.7	Average	254	23.1	m <sup>3</sup> /s
mm	16	14	17	46	188	278	237	155	80	46	30	21	1170	10-Year	353	17.5	m <sup>3</sup> /s

Median Elevation = 7 m

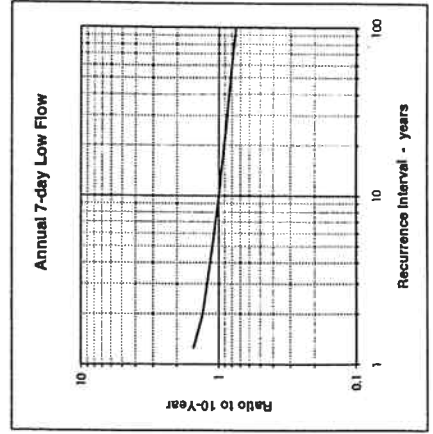
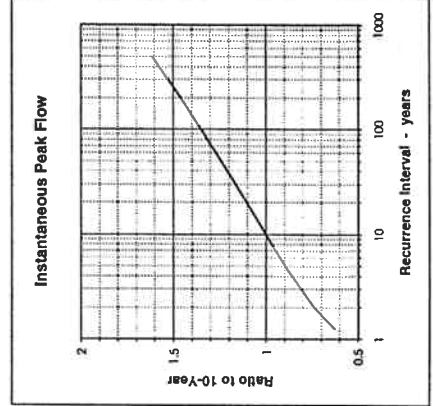
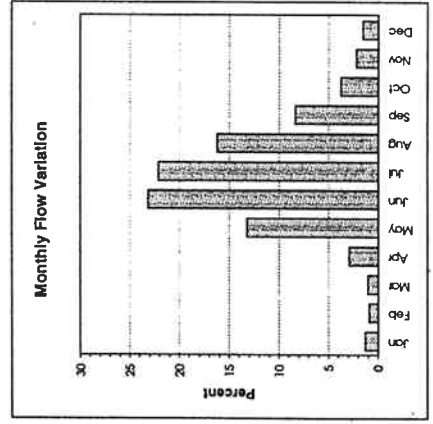
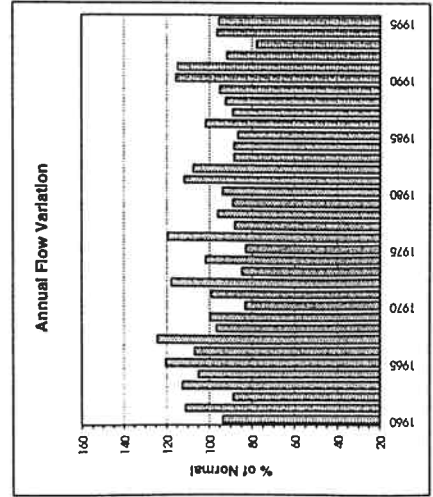
1150 km<sup>2</sup>

Drainage Area =



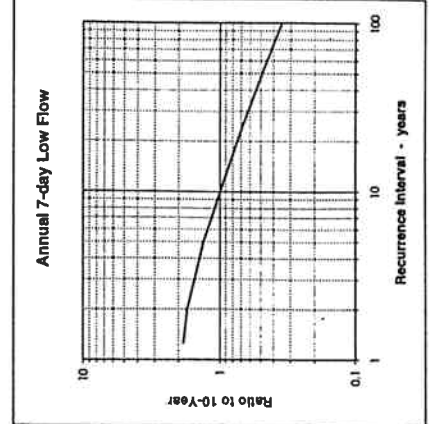
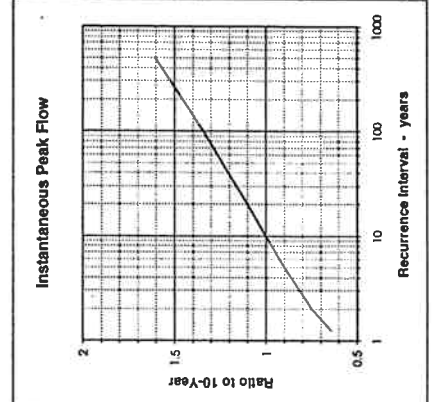
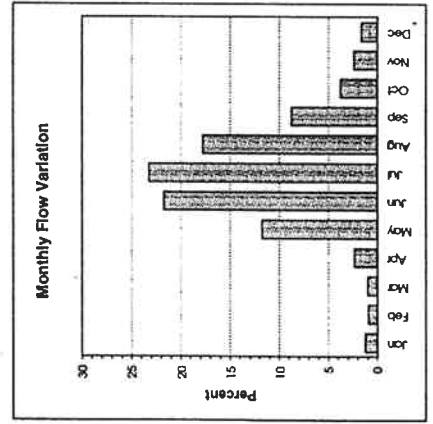
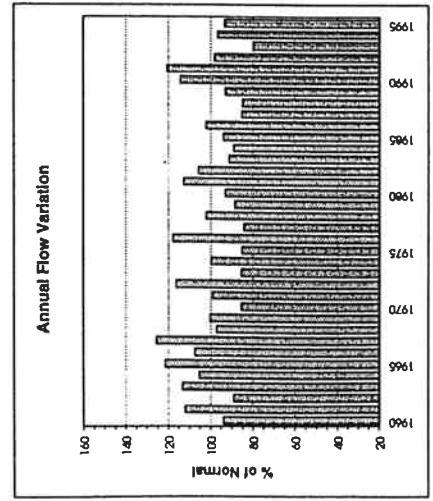
**BLAEBERRY RIVER ABOVE WILLOWBANK CREEK 8NB012**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Mean	Median Elevation = 2000 m				date	m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jun-Sep	Annual							
1960	2.5	2.0	2.1	2.6	18.3	48.9	39.3	29.1	14.3	6.3	3.2	2.8	16.1	Jun 05	67.1	10.1	1.69	1960				
1961	2.5	2.3	2.0	4.8	32.7	49.4	40.6	39.5	15.5	7.9	4.4	1.5	19.2	Jun 23	94.0	9.11	1.08	1961				
1962	2.1	1.8	1.9	3.0	40.2	75.8	48.9	39.6	14.5	7.7	3.8	3.0	15.3	Jun 01	144.0	7.92	1.76	1962				
1963	2.6	2.3	2.0	3.7	24.7	42.7	38.9	28.8	14.0	6.9	4.5	3.1	18.1	Jun 24	99.4	9.14	1.93	1963				
1964	2.2	1.7	1.8	7.2	19.7	62.3	50.3	33.8	17.4	6.7	3.5	2.7	18.1	Jun 24	120.0	12.1	1.29	1964				
1965	2.4	2.1	1.9	2.9	15.0	36.4	50.3	26.9	14.5	7.1	6.9	4.3	20.8	Jul 15	84.4	10.7	1.31	1965				
1966	2.9	2.1	2.0	6.8	33.0	39.4	61.2	48.0	32.9	9.6	4.7	3.5	18.4	Sep 06	94.9	20.9	1.87	1966				
1967	2.8	2.3	2.0	8.0	25.2	48.4	33.4	34.9	13.5	5.5	3.2	2.2	16.6	Jun 08	103.0	8.77	1.88	1967				
1968	1.9	1.6	1.9	6.5	19.1	42.8	46.5	28.7	17.5	10.6	6.8	3.8	17.2	Jun 06	69.0	15.2	1.33	1968				
1969	3.3	2.3	2.1	4.0	20.5	45.0	42.7	31.9	18.4	8.1	2.9	2.1	17.0	May 27	71.9	13.9	1.85	1969				
1970	1.9	1.5	1.7	11.1	43.0	44.1	35.7	20.7	14.3	9.8	4.8	5.1	16.2	Jun 17	81.3	11.3	1.41	1970				
1971	6.3	3.0	2.7	6.7	38.5	33.3	58.8	43.9	19.7	7.6	5.3	3.3	19.2	May 26	96.0	10.7	2.29	1971				
1972	2.1	2.1	2.1	2.1	22.5	59.7	50.3	34.9	27.3	9.3	5.2	3.2	18.5	Jun 28	88.0	16.3	1.81	1972				
1973	2.7	2.1	2.1	6.3	23.2	38.7	42.4	34.0	14.3	6.5	6.2	3.1	15.2	Jul 12	102.0	9.58	1.89	1973				
1974	2.6	2.2	2.1	6.4	11.8	45.7	42.7	35.5	18.8	7.9	3.9	2.5	15.2	Jun 29	114.0	12.2	1.89	1974				
1975	2.2	1.8	2.0	5.8	32.5	39.0	43.0	24.6	12.5	6.4	4.2	3.6	14.9	May 24	82.2	7.70	1.66	1975				
1976	2.3	1.9	3.3	7.5	34.9	61.8	39.1	30.5	13.5	7.5	4.2	2.7	17.5	May 29	153.0	7.74	1.63	1976				
1977	2.3	1.9	3.3	7.5	34.9	61.8	39.1	30.5	13.5	7.5	4.2	2.7	17.5	May 29	153.0	7.74	1.63	1977				
1978	2.3	1.9	3.3	7.5	34.9	61.8	39.1	30.5	13.5	7.5	4.2	2.7	17.5	May 29	153.0	7.74	1.63	1978				
1979	2.3	1.9	3.3	7.5	34.9	61.8	39.1	30.5	13.5	7.5	4.2	2.7	17.5	May 29	153.0	7.74	1.63	1979				
1980	1.8	1.3	1.6	8.5	24.2	52.4	38.9	29.7	15.5	8.6	4.9	3.2	15.9	Jun 08	107.1	12.0	1.78	1980				
1981	2.4	2.0	1.9	5.9	23.4	51.8	42.9	34.4	14.4	6.8	6.0	3.7	16.4	Jun 15	96.4	10.0	1.64	1981				
1982	2.8	2.5	2.4	10.8	28.2	57.2	58.4	39.0	19.2	7.6	5.9	3.5	19.9	Jun 25	98.4	16.3	1.91	1982				
1983	2.6	2.7	2.3	8.2	34.0	51.7	56.8	44.3	18.4	7.6	4.1	3.1	19.8	Jul 04	99.3	11.4	2.25	1983				
1984	2.2	1.9	2.9	9.1	27.8	52.3	34.9	26.3	14.3	10.0	4.7	2.8	15.8	Jun 13	76.6	10.2	1.74	1984				
1985	2.2	2.0	1.9	4.3	32.8	32.2	29.1	27.8	14.2	6.8	3.5	2.9	13.4	May 14	83.1	8.24	1.68	1985				
1986	2.4	1.9	2.3	10.1	31.3	45.2	46.1	29.8	16.0	6.8	3.4	2.4	16.6	Jun 24	70.9	13.2	1.60	1986				
1987	2.1	2.1	2.1	4.3	23.5	50.3	42.1	32.1	19.2	10.0	5.3	3.0	16.4	May 31	76.5	12.4	1.46	1987				
1988	2.6	2.0	2.1	6.1	26.9	48.5	44.9	32.9	17.6	7.6	4.7	3.1	17.2	Average	93.9	11.3	1.68	1988				
1989	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1989				
1990	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1990				
1991	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1991				
1992	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1992				
1993	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1993				
1994	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1994				
1995	12	9	10	27	123	215	206	151	78	35	21	14	929	10-Year	123	7.87	1.30	1995				



**BLAEBERRY RIVER BELOW ENSIGN CREEK 8NB015**

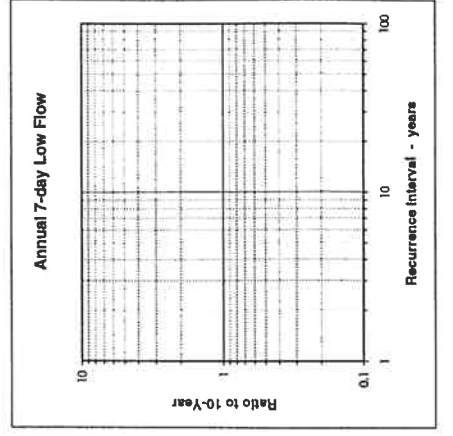
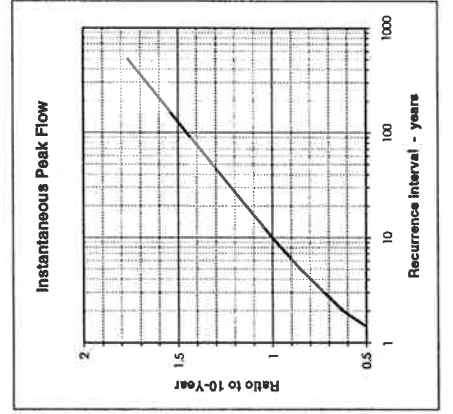
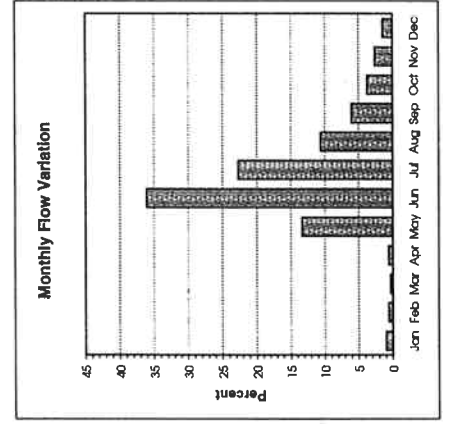
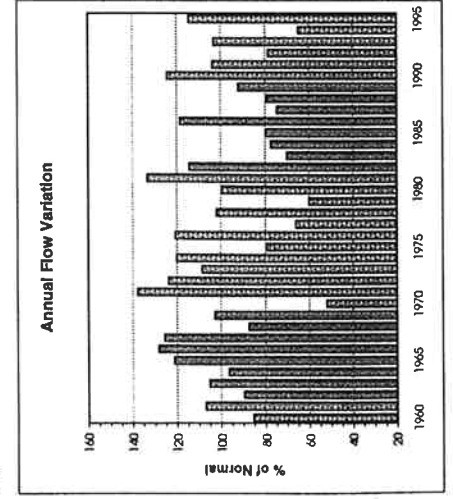
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												7-Day Low Flow					
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual
1960	1.02	1.00	1.15	2.09	8.31	24.90	23.60	16.10	7.93	3.01	1.98	1.22	7.30	Jun 24	74.5	5.52	0.771	1960
1961	0.83	0.67	0.61	1.92	7.50	16.30	22.50	13.80	6.53	3.13	3.12	1.84	8.69	Jul 12	34.9	4.41	0.422	1961
1962	0.92	0.68	0.72	1.95	13.70	16.80	29.80	23.00	13.60	4.07	2.31	1.62	6.91	Sep 05	55.5	8.05	0.623	1962
1963	1.11	0.77	0.84	2.40	8.95	21.50	15.90	17.00	5.82	2.40	1.24	0.26	8.79	Jun 08	49.8	3.80	0.172	1963
1964	0.85	0.72	0.83	2.23	7.73	20.80	24.50	14.60	13.40	4.46	2.87	1.50	8.19	Jun 05	38.5	6.61	0.601	1964
1965	1.30	0.97	0.82	1.19	7.79	19.80	20.10	15.70	8.18	3.56	1.36	1.03	8.35	May 27	35.1	5.86	0.713	1965
1966	0.98	0.71	0.77	3.72	19.00	16.90	16.90	10.50	6.50	4.21	2.02	1.98	7.54	Jun 16	37.4	4.65	0.680	1966
1967	2.53	1.23	0.94	2.03	16.70	13.00	25.60	24.50	9.87	3.35	2.38	1.72	7.78	May 26	44.7	4.95	0.854	1967
1968	1.23	1.15	1.02	1.08	7.67	27.20	22.20	16.30	12.90	3.51	2.33	1.52	6.64	Jun 27	42.6	7.14	0.751	1968
1969	1.16	0.83	1.06	2.28	9.72	19.60	19.60	17.60	5.98	2.95	2.31	1.17	7.73	Jul 12	47.7	3.34	0.762	1969
1970	0.99	0.88	0.87	2.41	5.18	20.30	19.60	13.70	8.22	3.56	1.91	1.22	6.61	Jun 29	54.6	5.30	0.764	1970
1971	1.02	0.85	0.90	1.89	15.30	17.40	23.10	13.10	6.44	3.14	2.08	1.71	7.30	May 24	39.3	3.93	0.769	1971
1972	1.16	0.85	1.04	2.19	11.50	27.80	19.00	17.10	7.81	3.09	1.72	1.23	7.91	Jun 01	56.1	3.82	0.766	1972
1973	1.08	0.89	0.87	2.05	10.50	19.60	17.60	10.40	8.10	2.53	1.49	1.02	6.61	Jun 14	36.1	5.60	0.800	1973
1974	0.94	0.76	0.75	3.27	16.70	14.50	14.50	13.70	7.27	4.02	2.64	1.72	6.58	Jun 07	46.8	3.00	0.703	1974
1975	1.29	1.07	0.77	1.26	8.33	23.80	19.70	15.70	5.48	3.93	3.09	1.66	7.21	Jun 14	44.8	3.58	0.664	1975
1976	1.19	0.99	0.95	4.06	11.60	23.40	26.80	19.40	7.28	3.78	3.70	2.51	8.86	Jul 12	51.7	5.54	0.751	1976
1977	1.17	1.15	1.00	2.24	13.80	24.50	29.40	22.00	9.10	3.72	1.91	1.47	9.35	Jul 14	54.6	5.97	0.943	1977
1978	1.05	0.78	1.08	2.88	13.50	26.00	17.20	14.20	6.63	4.51	2.18	1.18	7.62	Jun 23	42.1	4.88	0.658	1978
1979	0.89	0.84	0.81	1.65	14.80	14.10	14.10	14.00	6.69	3.06	1.54	1.35	6.20	May 13	38.3	3.96	0.683	1979
1980	1.23	0.91	1.01	3.39	13.24	20.45	22.45	14.32	6.77	3.01	1.49	1.10	7.50	Jun 23	33.8	5.78	0.834	1980
1981	0.90	0.76	0.80	1.39	9.46	22.50	20.70	14.20	8.15	4.16	2.24	1.21	7.24	Jun 01	36.3	5.13	0.581	1981
Normal	1.15	0.88	0.88	2.24	10.75	20.58	21.24	16.24	8.31	3.45	2.27	1.47	7.76	Average	45.2	5.04	0.694	m <sup>3</sup> /s
mm	13	9	10	25	125	232	247	189	94	40	26	17	1065	10-Year	58.6	3.49	0.449	m <sup>3</sup> /s



**BREWSTER CREEK NEAR BANFF 5B8004**

Monthly and Annual Discharge in m<sup>3</sup>/s      Drainage Area = 109 km<sup>2</sup>      Median Elevation = 2234 m      7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Annual	Year	
1960													1.02				1960	
1961													1.27				1961	
1962													1.06				1962	
1963													1.25				1963	
1964													1.15				1964	
1965													1.44				1965	
1966													1.52				1966	
1967													1.49				1967	
1968													1.04				1968	
1969													1.22				1969	
1970													0.62				1970	
1971	0.11	0.06	0.03	0.18	4.18	8.54	3.91	1.30	0.58	0.41	0.22	0.06	1.64	Jun 07	13.7	0.445	0.005	1971
1972	0.06	0.06	0.02	0.01	1.39	7.07	4.23	2.40	0.83	0.73	0.56	0.26	1.47	Jun 02	13.3			1972
1973	0.21	0.15	0.09	0.07	2.49	5.55	3.70	1.34	0.80	0.50	0.28	0.22	1.29	Jun 24	12.3	0.656	0.057	1973
1974	0.12	0.07	0.02	0.03	0.63	8.84	4.25	1.71	0.71	0.38	0.22	0.13	1.43	Jun 17	25.2			1974
1975	0.09	0.04	0.03	0.01	0.33	3.04	3.68	1.63	0.95	0.49	0.51	0.43	0.94	Jul 11	13.1	0.685		1975
1976	0.19	0.16	0.09	0.05	2.27	3.98	4.89	2.53	1.67	0.63	0.44	0.24	1.43	Jul 01	12.5	1.08		1976
1977	0.14	0.11	0.04	0.06	1.00	3.29	1.30	1.47	1.03	0.45	0.29	0.21	0.78	Jun 08	12.8	0.769		1977
1978	0.11	0.08	0.04	0.03	0.94	6.63	3.36	1.12	0.79	0.60	0.48	0.28	1.21	Jun 05	14.0	0.639		1978
1979	0.13	0.08	0.04	0.03	1.01	3.84	1.89	0.66	0.36	0.17	0.21	0.11	0.71	May 27	8.9	0.265		1979
1980	0.06	0.04	0.01	0.20	3.54	5.07	1.70	1.34	0.94	0.72	0.33	0.22	1.18	Jun 11	10.0	0.707		1980
1981	0.23	0.23	0.09	0.11	3.89	3.86	6.14	2.32	0.77	0.39	0.56	0.26	1.58	May 26	14.4	0.567		1981
1982	0.20	0.13	0.06	0.02	1.33	7.30	3.41	1.56	0.94	0.54	0.51	0.26	1.36	Jun 15	14.6	0.799		1982
1983	0.19	0.14	0.08	0.12	1.46	3.34	2.42	0.92	0.58	0.32	0.28	0.10	0.83	May 29	7.3	0.465		1983
1984	0.10	0.07	0.05	0.05	0.54	4.73	2.47	1.11	0.98	0.57	0.25	0.13	0.92	Jun 29	14.7	0.775		1984
1985	0.09	0.04	0.02	0.03	2.41	3.66	1.77	1.01	1.29	0.59	0.30	0.11	0.95	May 25	8.8	0.757		1985
1986	0.11	0.08	0.04	0.07	2.59	6.40	3.67	1.64	0.71	0.77	0.63	0.22	1.41	May 28	20.5	0.571		1986
1987	0.16	0.11	0.06	0.16	2.15	3.26	1.89	1.30	0.79	0.42	0.19	0.10	0.89	Jun 16	6.1	0.578		1987
1988	0.02	0.02	0.01	0.12	1.86	4.27	2.05	1.12	0.62	0.75	0.33	0.14	0.94	Jun 08	12.8	0.547		1988
1989	0.13	0.07	0.02	0.06	1.18	4.47	2.40	1.82	1.52	0.56	0.53	0.34	1.09	Jun 16	9.0	0.897		1989
1990	0.30	0.15	0.08	0.26	2.15	7.18	4.44	1.35	0.63	0.44	0.46	0.24	1.48	Jun 24	11.4	0.463		1990
1991	0.14	0.12	0.05	0.15	1.59	5.18	4.68	1.55	0.62	0.28	0.23	0.14	1.23	Jul 04	9.8	0.468		1991
1992	0.12	0.08	0.05	0.10	1.57	4.26	2.76	0.90	0.56	0.44	0.28	0.06	0.93	Jun 02	7.1	0.485		1992
1993	0.03	0.03	0.02	0.01	2.67	3.21	4.05	1.98	1.27	0.59	0.49	0.25	1.22	Jul 09	6.8	0.741		1993
1994	0.21	0.11	0.06	0.27	1.43	3.01	2.00	0.90	0.59	0.36	0.18	0.09	0.77	Jun 07	4.9	0.453		1994
1995	0.06	0.04	0.02	0.01	1.18	6.55	2.96	2.34	1.34	0.58	0.65	0.53	1.36	Jun 06	20.1	0.845		1995
Normal	0.14	0.10	0.04	0.09	1.87	5.22	3.18	1.48	0.87	0.52	0.37	0.20	1.19	Average	12.2	0.631	0.031	m <sup>3</sup> /s
													344	10-Year	17.9	0.399		m <sup>3</sup> /s



# BULL RIVER NEAR WARDNER 8NG002

Monthly and Annual Discharge in m<sup>3</sup>/s

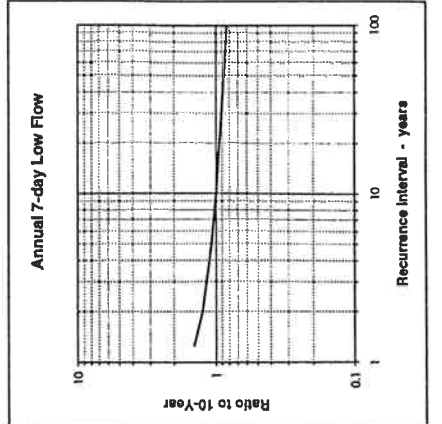
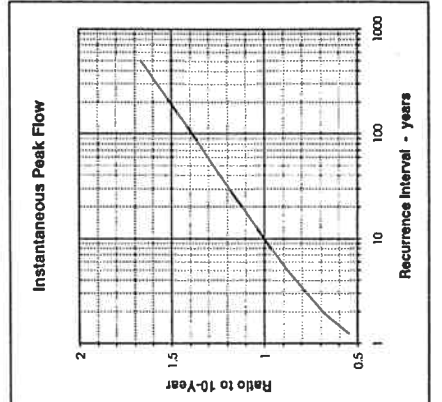
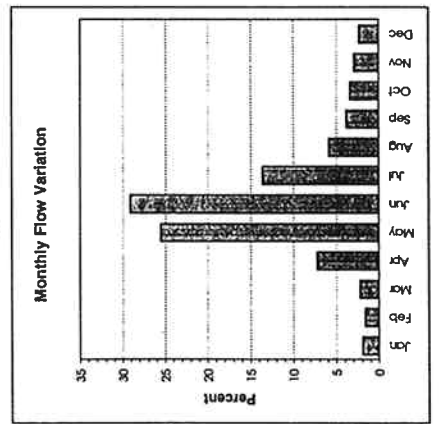
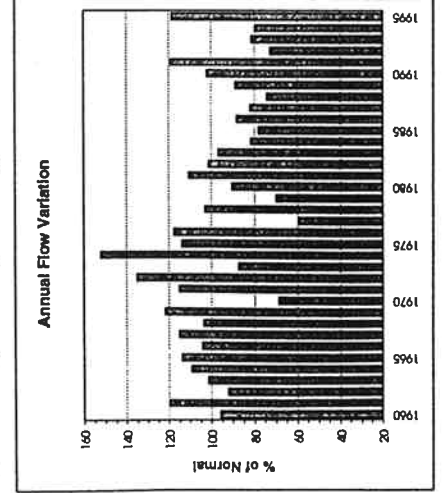
Drainage Area = 1500 km<sup>2</sup>

Median Elevation = 1730 m

Instantaneous Peak Flow

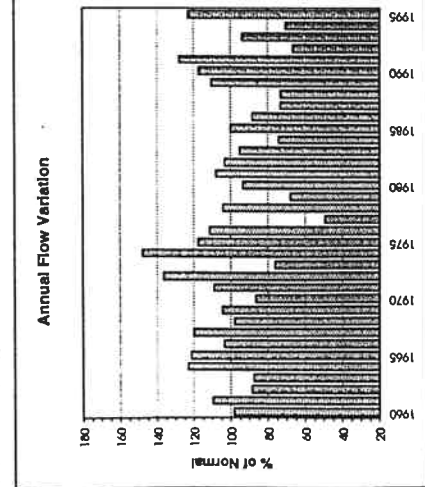
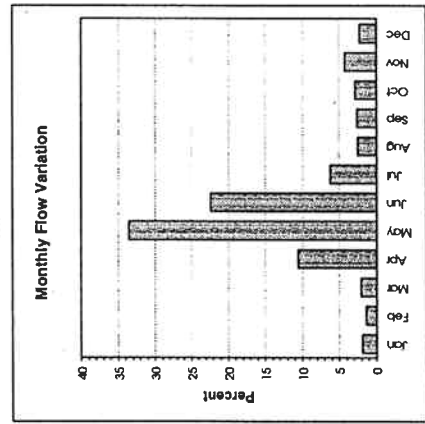
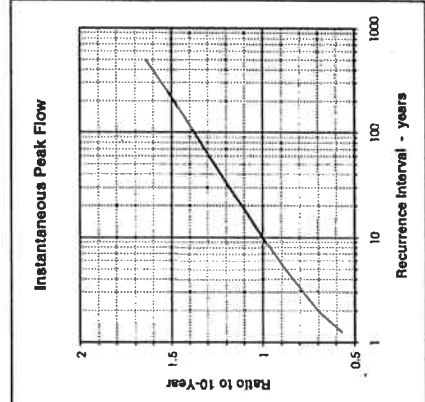
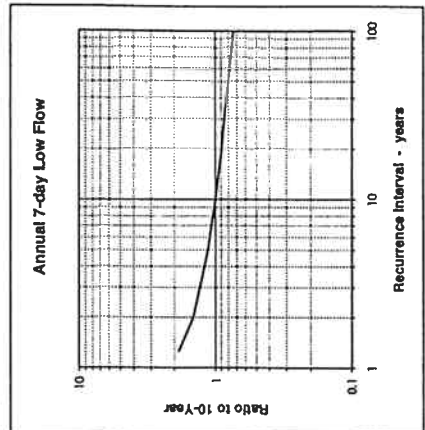
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Annual	Year	
1960	10.0	8.3	15.1	40.1	70.1	113.0	55.7	21.7	15.2	11.0	9.2	7.1	31.4	Jun 04	273	11.3	5.35	1960
1961	7.0	7.9	8.1	23.8	140.0	169.0	43.7	19.2	15.0	17.7	9.9	8.4	39.2	May 27	416	10.9	5.85	1961
1962	7.1	6.6	5.6	42.6	87.1	109.0	41.2	19.0	11.9	11.2	11.0	9.3	30.2	May 29	179	12.8	4.75	1962
1963	7.0	10.8	9.9	26.4	94.9	112.0	67.2	22.4	14.8	11.4	11.9	9.6	33.3	May 31	200	13.5	4.99	1963
1964	7.5	6.5	6.4	19.2	92.6	152.0	63.4	22.9	18.5	18.9	12.9	9.3	35.8	Jun 08	239	15.9	5.76	1964
1965	8.2	9.0	9.4	38.5	98.9	142.0	61.7	24.9	19.0	14.7	12.2	9.1	37.4	Jun 18	247	18.1	7.40	1965
1966	8.7	7.2	9.2	34.2	119.0	115.0	57.8	20.7	12.1	9.1	8.2	7.9	34.2	May 31	285	10.2	5.87	1966
1967	6.2	6.2	5.6	14.4	102.0	194.0	69.0	20.7	11.0	9.5	8.3	6.2	37.8	Jun 03	294	9.14	4.52	1967
1968	6.4	5.9	5.9	14.4	102.0	135.0	62.8	23.5	17.5	16.0	13.2	8.9	34.0	Jun 03	309	14.2	4.69	1968
1969	7.2	7.0	7.8	56.5	137.0	141.0	58.8	20.5	13.9	12.7	9.1	6.6	40.0	Jun 05	254	12.1	5.19	1969
1970	5.8	5.5	5.5	9.1	73.2	88.6	30.3	13.8	12.8	10.5	7.9	6.8	22.5	Jun 05	172	10.9	4.98	1970
1971	9.4	9.5	6.3	28.5	136.0	127.0	65.4	25.9	15.2	11.6	9.4	6.5	37.7	May 28	267	11.7	5.11	1971
1972	5.7	6.0	19.0	24.9	129.0	172.0	77.6	36.4	19.8	19.0	11.7	9.2	44.3	Jun 01	354	17.6	4.47	1972
1973	6.4	6.6	8.6	22.5	89.0	102.0	40.4	17.1	13.0	11.7	14.4	10.5	28.6	Jun 18	219	11.0	4.83	1973
1974	13.8	9.3	9.8	44.5	110.0	228.0	100.0	34.8	18.0	10.9	9.9	7.7	49.8	Jun 17	428	14.6	6.06	1974
1975	7.7	6.5	5.9	13.9	85.5	134.0	76.0	32.3	22.6	17.2	22.8	22.5	37.4	Jun 06	199	16.2	5.14	1975
1976	11.4	8.5	7.6	33.1	131.0	89.0	72.5	51.5	23.1	14.2	10.4	8.0	38.5	May 11	276	18.5	6.85	1976
1977	6.0	5.8	5.3	20.3	52.4	54.4	20.6	18.6	20.1	12.8	9.4	7.1	19.4	Jun 08	130	14.3	4.94	1977
1978	7.0	6.1	10.9	33.2	87.8	118.0	63.1	24.4	17.5	13.7	11.2	7.4	33.8	Jun 06	236	19.2	5.09	1978
1979	5.5	6.0	7.9	15.4	83.2	77.1	30.7	14.6	10.3	8.0	6.3	8.5	22.9	May 27	203	8.59	5.02	1979
1980	5.8	5.3	6.0	49.8	118.0	73.5	28.4	18.8	13.9	10.7	10.7	14.0	29.6	Apr 30	194	12.1	4.49	1980
1981	12.7	12.5	12.5	32.4	120.0	95.4	73.4	28.2	15.2	14.0	10.2	8.5	36.2	May 26	260	13.6	7.13	1981
1982	7.2	9.7	8.1	16.6	95.0	133.0	51.4	24.0	17.5	15.2	10.8	8.5	33.2	May 26	226	15.4	5.40	1982
1983	7.7	7.3	10.5	30.6	95.5	91.5	61.6	22.8	13.1	10.1	20.3	7.8	26.9	May 30	231	10.9	5.97	1983
1984	11.0	7.3	8.5	23.8	53.7	110.0	49.7	19.3	13.0	10.3	8.3	6.6	26.8	May 31	187	12.3	5.46	1984
1985	6.1	5.4	5.4	33.2	91.9	75.0	26.2	15.7	19.0	13.1	13.1	9.2	25.6	Jun 08	213	12.1	4.35	1985
1986	6.9	7.8	16.4	47.1	89.0	89.7	31.5	15.8	13.5	19.4	14.7	9.7	29.0	May 29	286	11.1	4.82	1986
1987	7.0	6.5	14.3	47.1	114.0	59.1	28.8	15.9	9.8	7.4	6.1	5.0	26.9	May 01	270	8.74	3.51	1987
1988	4.6	4.1	5.2	31.6	82.1	81.2	27.0	13.5	10.3	13.7	11.6	6.0	24.2	May 13	169	8.69	3.55	1988
1989	6.2	5.3	5.7	29.2	85.6	97.6	37.6	20.9	18.1	12.0	19.6	10.5	29.1	Jun 07	176	11.8	4.56	1989
1990	7.9	6.8	7.8	43.5	78.8	122.0	57.0	22.2	11.4	11.3	19.0	12.9	33.4	May 30	217	9.58	6.20	1990
1991	9.1	11.2	8.9	35.7	117.0	134.0	84.9	28.1	14.3	9.5	7.9	6.5	39.1	Jun 11	249	12.0	5.57	1991
1992	6.2	6.3	11.9	36.1	79.8	55.5	33.4	15.7	12.4	11.9	8.8	6.5	23.7	May 08	152	10.7	5.08	1992
1993	5.4	4.5	6.0	16.5	92.5	65.9	58.6	25.0	16.3	11.6	7.9	7.3	26.6	May 15	200	14.8	3.91	1993
1994	6.2	5.2	8.7	43.4	91.1	79.9	33.0	14.0	9.2	8.2	7.1	6.2	26.1	May 13	173	8.04	4.34	1994
1995	5.3	7.7	12.6	20.1	83.7	147.0	67.4	31.5	15.8	20.3	28.0	24.9	38.8	Jun 07	379	12.2	3.92	1995
Normal	7.6	7.0	8.6	29.1	98.9	116.2	52.5	22.7	15.5	13.0	11.8	8.9	32.7	Average	243	12.6	5.14	m <sup>3</sup> /s
	14	11	15	50	177	201	94	40	27	23	20	16	689	10-Year	335	9.21	4.11	m <sup>3</sup> /s



# CABIN CREEK NEAR THE MOUTH 8NP004

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow Annual	Year	
1960	0.291	0.300	0.389	2.08	8.62	8.30	2.21	0.927	0.806	0.522	0.53	0.354	2.05	May 21	19.9	0.770	0.267	1960
1961	0.278	0.288	0.429	1.35	7.75	4.12	0.89	0.550	0.422	0.387	0.24	0.239	2.28	Jun 05	21.3	0.391	0.187	1961
1962	0.324	0.416	0.517	4.06	8.35	3.21	0.91	0.705	1.260	0.691	1.31	1.630	1.85	May 05	17.8	0.547	0.238	1962
1963	1.830	0.618	0.722	3.28	8.77	6.64	2.29	0.794	0.662	0.540	0.43	0.351	1.83	May 01	18.7	0.518	0.294	1963
1964	0.385	0.623	0.449	0.88	7.84	10.50	2.53	0.591	0.490	0.614	0.52	0.372	2.57	May 25	25.3	0.425	0.302	1964
1965	0.451	0.473	0.540	1.89	8.46	4.76	3.18	0.859	0.631	0.601	1.42	0.457	2.16	May 25	24.1	0.579	0.349	1965
1966	0.542	0.458	0.442	1.71	5.81	5.94	1.39	0.481	0.555	0.469	0.41	0.315	2.51	May 30	20.6	0.418	0.293	1966
1967	0.274	0.167	0.223	2.55	10.90	4.89	0.74	0.427	1.190	1.650	1.49	0.418	2.05	May 20	25.9	0.343	0.152	1967
1968	0.324	0.540	1.190	3.31	8.59	4.46	0.89	0.418	0.411	0.732	0.66	0.471	1.84	May 28	21.4	0.357	0.273	1968
1969	0.296	0.311	0.634	4.22	8.77	2.05	0.56	0.422	0.281	0.229	0.23	0.202	1.53	May 01	24.9	0.248	0.190	1969
1970	0.173	0.169	0.231	3.22	7.38	3.62	0.58	0.292	0.314	0.995	0.96	0.352	1.53	May 12	24.2	0.236	0.137	1970
1971	0.233	0.205	0.348	2.89	7.77	6.59	1.23	0.784	1.030	1.060	4.09	1.380	2.30	Nov 10	41.6	0.569	0.161	1971
1972	0.721	0.453	0.471	3.55	8.26	8.81	2.65	0.728	0.499	0.670	1.86	0.643	2.45	May 30	19.8	0.474	0.358	1972
1973	0.493	0.586	0.546	2.93	11.30	9.84	3.77	0.778	0.423	0.382	0.51	0.325	2.67	May 19	29.7	0.391	0.250	1973
1974	0.250	0.250	0.316	3.34	6.27	2.00	0.85	0.431	0.887	0.764	0.51	0.352	1.39	May 06	13.9	0.367	0.221	1974
1975	0.260	0.200	0.415	1.47	10.10	4.44	3.57	1.030	0.645	0.380	0.32	0.266	1.96	May 13	25.8	0.482	0.176	1975
1976	0.303	0.218	0.309	3.03	7.88	3.44	0.78	0.341	0.296	0.362	0.32	0.266	1.47	May 10	19.2	0.274	0.182	1976
1977	0.240	0.599	1.640	2.33	8.69	9.30	1.70	0.934	0.493	1.480	2.10	1.240	2.57	Jun 07	35.7	0.424	0.185	1977
1978	0.471	0.382	0.507	2.69	8.25	5.68	1.54	0.614	0.651	0.698	1.08	0.549	2.09	Average	23.9	0.434	0.234	1978
1979					237	158	44	18	18	20	30	16	705	10-Year	32.4	0.279	0.155	1979
1980																		1980
1981																		1981
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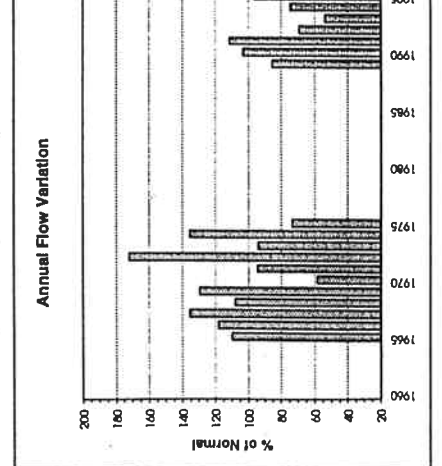
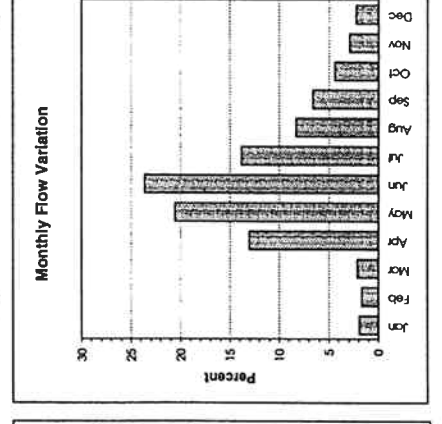
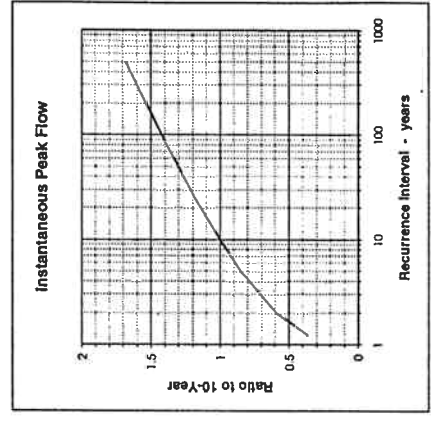
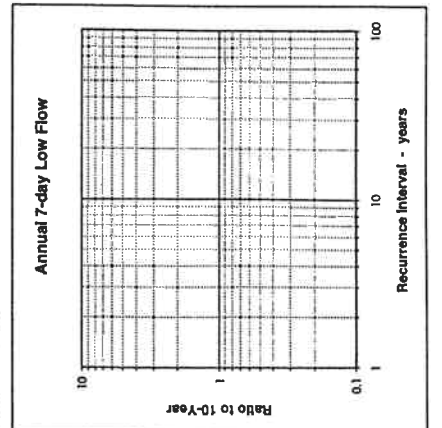


**CARBONATE CREEK NEAR MCMURDO 8NA037**

location: 51°08'35", 116°44'23"

Monthly and Annual Discharge in m<sup>3</sup>/s      Drainage Area =      7.28 km<sup>2</sup>      Median Elevation = 1690 m      Instantaneous Peak Flow      7-Day Low Flow      Annual

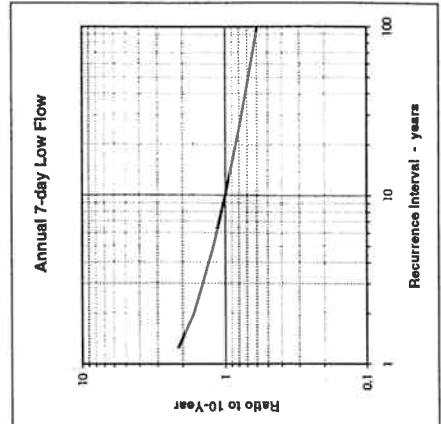
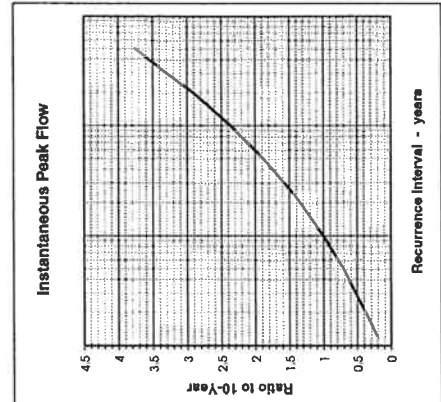
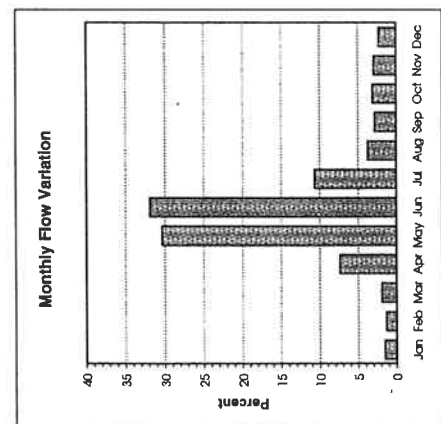
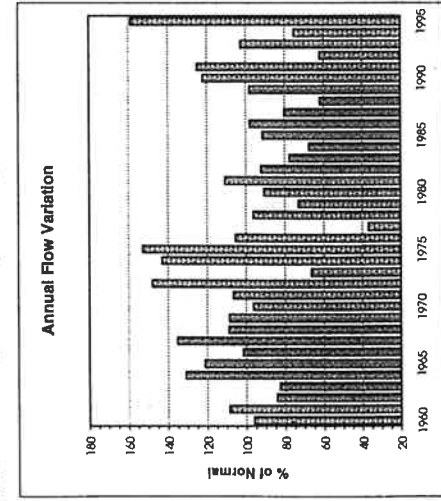
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year
1960																		1960
1961																		1961
1962																		1962
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1994																		1994
1995																		1995
Normal																		m <sup>3</sup> /s
mm																		m <sup>3</sup> /s
	8	7	9	52	82	94	55	33	26	18	12	9	399	Average	0.608	0.044		
														10-Year	0.989	0.044		





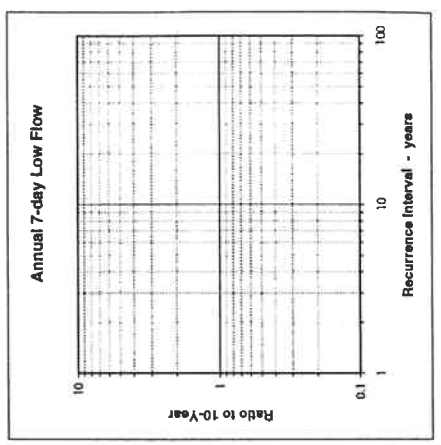
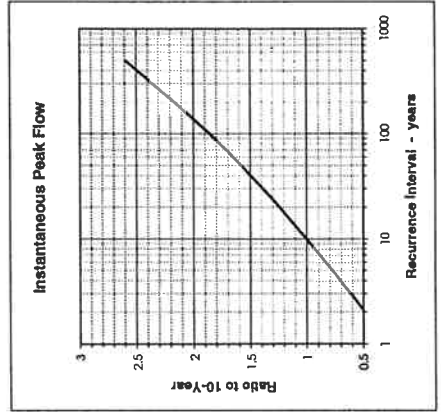
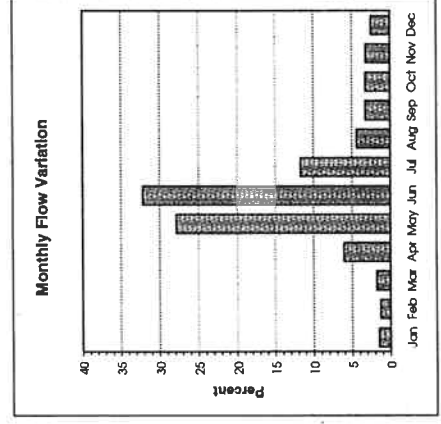
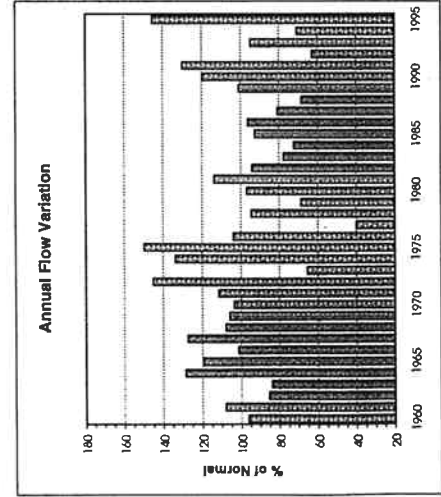
# CASTLE RIVER NEAR BEAVER MINES 5AA022

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s	
1960	6.0	5.9	8.0	21.1	43.8	55.8	16.3	6.1	3.4	2.4	2.3	2.2	14.4	May 13	119	2.86	2.08	1960
1961	2.2	2.1	2.8	9.0	72.4	68.4	11.9	4.5	4.0	9.7	5.5	3.0	16.3	May 27	176	3.22	1.96	1961
1962	2.3	3.6	2.9	25.5	41.1	44.3	12.5	4.7	3.7	3.3	4.2	3.7	12.6	Apr 25	67	3.43	1.93	1962
1963	2.3	3.9	3.3	8.3	36.8	49.5	3.3	5.3	3.4	3.1	3.2	3.5	12.4	Jun 30	89	3.12	1.51	1963
1964	3.1	2.1	2.1	5.3	62.9	113.0	24.6	6.2	4.7	6.0	3.8	2.3	19.6	Jun 08	510	4.16	1.77	1964
1965	2.0	1.6	1.6	12.6	54.3	84.1	27.6	7.9	8.3	8.2	4.7	5.0	18.2	Jun 17	294	5.74	1.32	1965
1966	2.7	2.6	3.2	17.9	57.4	54.8	18.6	7.4	4.9	4.3	5.4	3.4	15.2	May 10	111	4.03	1.44	1966
1967	2.8	2.4	2.0	5.2	76.7	102.0	30.0	6.1	3.5	3.9	7.1	5.6	20.3	May 23	227	3.15	1.55	1967
1968	3.4	3.5	5.3	6.7	53.7	60.0	19.2	7.6	10.7	13.3	7.1	5.6	16.4	May 22	157	4.85	3.25	1968
1969	3.4	3.0	3.1	29.0	53.5	62.2	23.1	5.4	3.3	3.7	3.2	2.4	16.3	Jun 26	159	2.98	2.11	1969
1970	1.8	1.7	2.1	3.1	59.6	74.4	14.2	4.5	3.5	3.5	2.2	2.1	14.4	Jun 13	210	3.00	1.45	1970
1971	1.7	2.9	2.3	11.7	72.1	59.5	20.4	5.9	3.8	4.1	3.9	2.0	16.0	May 28	125	3.52	1.48	1971
1972	1.5	0.9	9.4	14.4	83.2	90.6	31.0	11.7	6.6	7.3	5.8	3.4	22.2	Jun 01	213	5.80	0.822	1972
1973	2.4	2.1	2.3	7.7	40.1	36.8	10.4	3.9	2.8	3.0	4.3	3.5	10.0	May 18	97	2.68	1.69	1973
1974	4.6	4.1	3.5	18.9	63.1	107.0	33.4	9.2	4.9	3.3	2.9	2.7	21.5	Jun 17	171	4.17	2.06	1974
1975	2.0	1.7	1.4	3.2	56.6	126.0	39.9	9.2	6.1	6.4	9.0	13.6	22.9	Jun 20	736	4.96	0.982	1975
1976	4.1	3.0	3.6	17.3	64.0	39.2	23.2	19.3	6.4	3.7	3.0	2.2	15.8	May 11	124	4.94	1.73	1976
1977	1.6	1.8	1.8	8.3	20.5	53.8	24.7	7.2	6.9	5.4	3.5	2.8	14.4	Jun 06	99	4.58	1.08	1977
1978	1.8	1.4	2.7	9.8	52.6	40.8	10.6	4.4	2.9	2.3	1.3	2.0	11.0	May 27	113	2.39	0.529	1978
1979	2.0	1.9	3.2	7.4	52.4	35.5	8.4	4.8	6.1	4.7	5.5	11.0	13.6	May 26	131	4.36	1.38	1979
1980	1.7	2.0	2.0	23.5	57.9	50.6	21.2	6.7	3.5	2.4	2.4	2.6	16.6	May 22	168	2.98	1.66	1980
1981	7.2	4.6	4.5	17.0	75.3	69.1	22.1	5.9	3.7	4.4	3.5	2.6	13.8	May 26	101	3.30	1.47	1981
1982	1.7	2.1	1.9	3.9	44.9	36.2	19.5	6.3	3.5	2.7	4.3	2.8	11.6	May 27	96	3.20	2.13	1982
1983	2.3	2.5	3.5	12.0	43.7	42.5	11.9	4.3	3.4	4.4	3.3	2.1	10.1	May 31	82	2.90	1.45	1983
1984	4.2	3.2	2.6	10.1	29.7	30.5	8.2	5.2	13.6	18.5	13.9	5.6	13.7	May 25	84	3.91	1.35	1984
1985	1.8	1.4	1.8	14.1	49.4	38.7	8.4	3.9	4.3	8.6	8.2	5.4	14.7	May 29	116	3.01	3.01	1985
1986	4.1	7.4	15.4	23.2	48.7	38.7	8.4	3.9	5.1	3.3	2.5	1.9	12.0	May 01	125	4.02	1.48	1986
1987	3.3	2.9	5.6	26.6	50.2	20.5	13.2	9.0	5.1	4.9	5.1	3.6	9.3	May 13	71	2.30	0.867	1987
1988	1.9	1.4	2.0	15.1	37.8	26.8	6.6	3.3	2.9	7.0	18.7	8.3	14.7	May 08	89	5.03	1.34	1988
1989	1.9	1.6	2.2	13.9	42.0	50.6	14.9	6.8	8.5	5.3	12.9	5.2	18.3	May 30	120	3.02	2.23	1989
1990	4.1	3.3	2.7	25.0	55.8	67.9	25.3	8.5	3.9	2.3	2.0	2.2	18.8	Jun 21	183	3.30	1.50	1990
1991	3.1	4.8	2.8	18.8	67.5	74.2	34.4	7.3	6.1	6.3	4.8	3.2	9.3	Jul 09	54	5.24	1.79	1991
1992	2.0	2.1	2.7	10.8	25.2	19.0	21.9	14.1	12.4	9.7	5.1	3.7	15.4	Jul 13	108	8.90	1.74	1992
1993	2.1	2.2	3.4	10.6	43.7	38.2	38.3	14.1	2.6	3.7	4.0	2.8	11.3	May 13	80	2.19	1.96	1993
1994	2.4	2.3	5.7	20.3	49.3	117.0	32.0	13.7	6.8	8.1	14.9	13.1	23.8	Jun 07	1430	5.21	2.04	1994
1995	2.2	3.1	6.5	8.1	58.9	117.0	32.0	13.7	6.8	8.1	14.9	13.1	23.8	Jun 07	1430	5.21	2.04	1995
Normal	2.7	2.6	3.4	13.5	53.6	58.3	18.8	6.6	5.1	5.5	5.4	4.0	15.0	Average	191	3.87	1.65	m <sup>3</sup> /s
mm	9	8	11	43	174	184	61	22	16	18	17	13	575	10-Year	343	2.56	0.976	m <sup>3</sup> /s



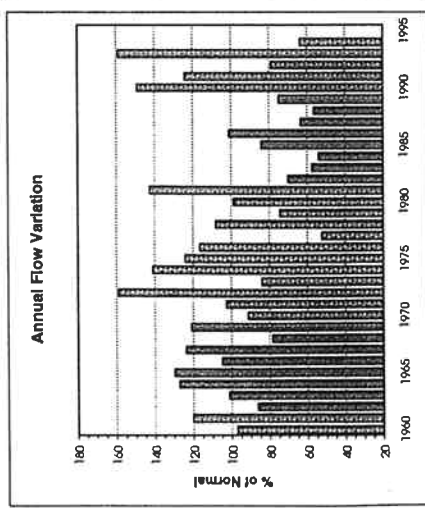
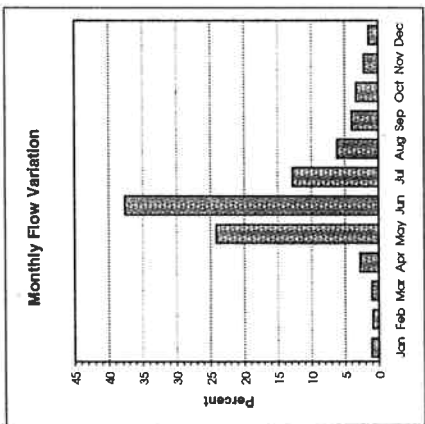
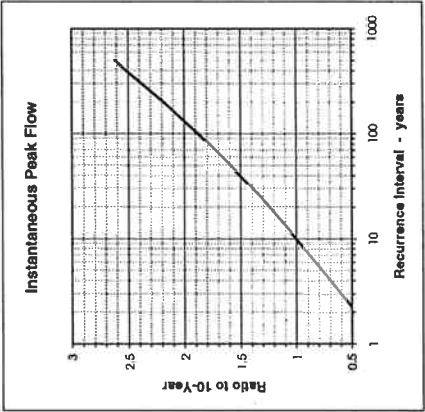
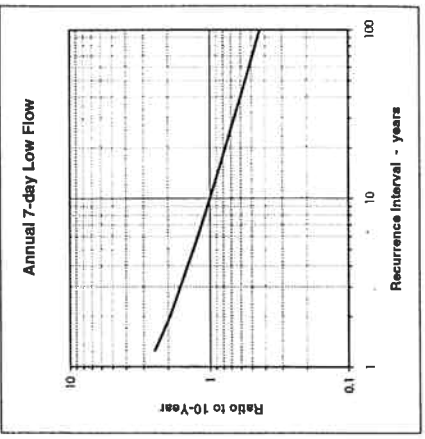
# CASTLE RIVER AT RANGER STATION 5AA028

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												376 km <sup>2</sup>	Median Elevation = 1813 m				Mean	date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jun-Sep	Annual								
1960	2.35	1.97	1.66	3.92	32.50	55.30	19.90	4.34	2.26	2.02	2.69	1.67	8.24						1960				
1961	1.85	1.94	2.90	3.39	26.30	35.30	12.30	4.45	6.42	8.14	4.34	9.24	9.25						1961				
1962	1.99	1.73	1.77	12.00	30.00	34.70	13.60	3.72	3.12	2.36	2.04	1.54	7.31						1962				
1963	0.66	0.61	0.76	1.79	32.30	50.20	8.73	2.93	2.58	2.49	1.60	1.53	7.19						1963				
1964	1.36	2.31	1.88	6.05	38.80	35.70	13.80	4.31	2.70	2.78	2.64	1.88	11.00						1964				
1965	0.56	0.34	3.51	6.20	41.90	54.00	20.40	7.53	4.15	4.51	3.54	2.09	10.23						1965				
1966	1.34	1.17	2.64	21.80	21.40	21.40	6.46	2.45	1.97	1.83	2.59	2.08	8.68						1966				
1967	2.71	2.46	2.10	7.97	60.30	60.30	19.30	5.76	2.99	2.18	1.93	1.77	10.90						1967				
1968	1.53	1.31	1.07	1.19	23.90	74.10	25.30	5.93	3.81	3.44	4.85	7.31	9.24						1968				
1969	1.96	1.45	1.74	7.84	35.50	23.80	14.90	9.76	4.05	2.24	1.81	1.32	9.06						1969				
1970	0.92	1.07	1.02	4.44	12.90	8.72	2.95	2.10	2.51	1.80	1.44	1.11	8.86						1970				
1971	0.66	0.54	1.01	4.28	26.80	33.00	13.80	4.56	4.67	3.47	2.27	1.80	8.90						1971				
1972	0.88	0.81	1.38	2.28	25.10	24.40	6.91	2.91	1.99	1.41	0.81	1.21	8.29						1972				
1973	0.87	1.05	1.03	10.70	35.40	24.20	5.68	3.26	3.75	2.95	3.50	6.96	8.90						1973				
1974	3.87	2.47	2.42	7.99	41.20	32.00	13.90	4.66	2.68	1.81	1.53	1.67	9.73						1974				
1975	1.05	1.32	1.24	1.53	21.80	42.10	14.70	4.33	2.35	2.55	2.02	1.49	9.73						1975				
1976	1.01	1.06	1.50	5.13	23.90	22.90	11.30	4.31	2.28	1.67	2.63	1.74	8.90						1976				
1977	2.46	1.54	1.54	7.07	17.00	25.80	7.85	3.01	2.28	3.17	2.36	1.52	8.90						1977				
1978	0.97	0.76	0.96	11.70	29.40	18.80	5.45	3.75	2.22	4.65	4.42	2.89	8.90						1978				
1979	1.77	3.20	6.65	11.70	27.20	25.70	5.72	2.56	2.22	4.65	4.42	2.89	8.90						1979				
1980	1.42	1.24	2.44	12.40	29.00	12.80	8.72	5.80	3.60	2.12	1.63	1.26	8.90						1980				
1981	0.95	0.71	1.04	8.27	23.00	17.60	4.74	2.36	2.02	3.36	3.51	2.48	9.73						1981				
1982	0.89	0.75	1.06	6.39	23.20	30.90	9.36	4.34	6.02	4.25	11.39	5.02	8.90						1982				
1983	2.93	0.89	1.94	11.50	26.30	39.90	17.30	5.74	2.54	2.80	6.84	2.74	8.90						1983				
1984	1.65	2.58	1.50	7.85	37.70	46.50	21.90	5.43	2.51	1.89	1.66	1.86	8.90						1984				
1985	1.00	1.01	1.31	6.08	16.20	12.50	10.70	4.34	3.74	3.25	2.48	1.94	8.90						1985				
1986	0.85	0.90	1.37	3.87	25.20	21.60	19.10	7.83	6.29	5.01	2.66	1.94	8.90						1986				
1987	1.38	1.92	3.24	8.59	26.68	16.06	5.68	2.67	1.70	2.10	2.47	1.74	8.90						1987				
1988	1.56	1.28	3.24	3.77	28.00	69.90	18.40	6.60	3.68	5.35	3.72	3.58	8.90						1988				
1989	1.54	1.44	1.63	6.33	28.05	33.48	11.79	4.37	3.36	3.24	3.32	2.48	8.90						1989				
1990	11	9	13	44	200	231	84	31	23	23	23	1.8	718						1990				
1991																				1991			
1992																				1992			
1993																				1993			
1994																				1994			
1995																				1995			
Normal	1.54	1.44	1.63	6.33	28.05	33.48	11.79	4.37	3.36	3.24	3.32	2.48	8.55						m <sup>3</sup> /s				
mm	11	9	13	44	200	231	84	31	23	23	23	1.8	718						m <sup>3</sup> /s				



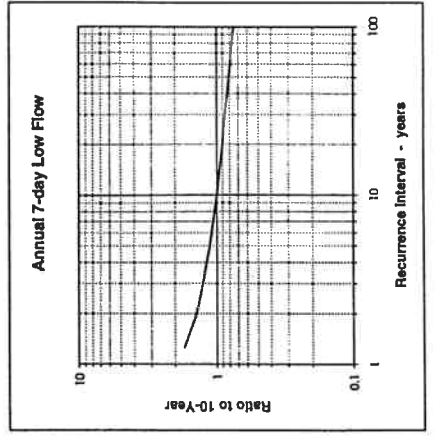
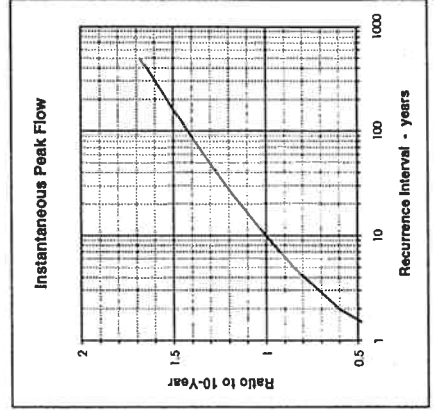
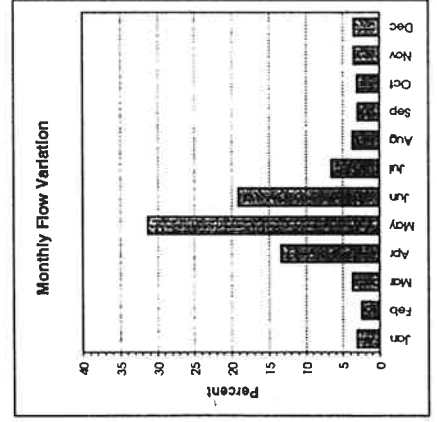
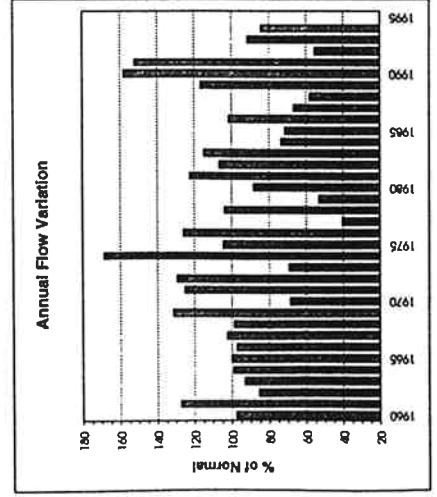
# CATARACT CREEK NEAR FORESTRY ROAD 58L022

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Mean	date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow Annual	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
1960	0.30	0.26	0.23	0.71	6.87	9.02	3.55	1.06	0.52	0.46	0.46	0.32	1.84	Jun 04	18.0	0.441	1960
1961	0.22	0.22	0.20	0.22	5.32	15.10	4.17	1.05	0.49	0.43	0.41	0.28	2.27	May 30	39.4	0.386	1961
1962	0.24	0.22	0.30	0.34	2.72	6.77	2.59	1.22	1.14	0.53	0.32	0.32	1.63	Jun 07	11.4	0.782	1962
1963	0.26	0.22	0.24	1.09	6.46	11.00	5.53	0.92	0.49	0.42	0.26	0.26	1.92	Jun 26	34.7	0.468	1963
1964	0.21	0.22	0.20	0.22	4.19	10.50	0.71	0.55	0.55	0.38	0.26	0.26	2.41	Jun 13	27.7	0.445	1964
1965	0.23	0.20	0.20	0.52	7.18	9.68	2.65	0.86	0.53	0.34	0.28	0.28	2.45	Jun 06	24.7	0.491	1965
1966	0.19	0.14	0.21	0.33	7.55	17.00	4.36	2.68	1.65	0.59	0.37	0.37	1.99	May 31	39.6	1.41	1966
1967	0.30	0.27	0.27	0.34	4.87	7.95	2.27	0.95	0.80	0.30	0.26	0.26	1.89	May 30	15.5	0.557	1967
1968	0.18	0.22	0.22	0.45	4.34	19.20	3.96	1.36	0.80	0.68	0.43	0.29	2.34	Jun 16	48.1	0.680	1968
1969	0.20	0.20	0.20	0.26	3.33	14.30	5.15	1.72	0.97	0.65	0.40	0.40	2.35	Jun 19	56.6	0.756	1969
1970	0.32	0.24	0.22	0.91	7.69	5.67	2.51	5.48	1.50	0.53	0.32	0.32	2.20	Aug 05	35.1	1.19	1970
1971	0.24	0.26	0.22	0.68	2.56	3.01	0.97	1.07	1.12	0.84	0.54	0.35	0.99	Jun 07	5.6	0.583	1971
1972	0.28	0.24	0.25	0.30	4.56	6.24	1.31	1.31	0.98	0.89	0.54	0.34	2.05	May 26	22.1	0.887	1972
1973	0.23	0.24	0.25	1.36	7.06	7.49	1.57	1.17	1.15	0.92	0.66	0.61	1.87	May 25	34.1	0.727	1973
1974	0.20	0.22	0.22	0.88	9.61	11.10	5.61	2.08	0.79	0.66	0.36	0.19	2.70	May 25	48.8	0.682	1974
1975	0.37	0.25	0.32	0.32	2.56	7.79	2.26	0.76	0.68	0.33	0.17	0.17	1.33	Jun 13	13.8	0.547	1975
1976	0.11	0.14	0.17	0.32	3.74	4.33	1.77	0.70	0.40	0.40	0.36	0.15	1.09	May 25	10.3	0.287	1976
1977	0.20	0.21	0.23	0.52	3.74	4.33	1.77	0.70	0.40	0.40	0.36	0.15	1.09	May 25	10.3	0.287	1977
1978	0.12	0.11	0.14	0.68	2.24	5.65	1.49	0.58	0.41	0.47	0.33	0.21	1.02	May 30	11.5	0.377	1978
1979	0.38	0.31	0.44	0.88	7.98	4.55	1.06	0.95	2.85	1.79	0.99	0.50	1.59	Sep 12	17.5	0.577	1979
1980	0.31	0.28	0.27	1.09	5.33	7.03	1.70	0.83	0.83	1.29	0.73	0.45	1.91	May 28	28.7	0.624	1980
1981	0.11	0.15	0.15	0.74	3.94	1.90	1.81	1.60	0.73	0.43	0.29	0.23	1.20	May 13	10.0	0.599	1981
1982	0.19	0.16	0.18	0.74	4.35	1.40	0.83	0.81	0.49	0.44	0.28	0.21	1.07	Jun 08	12.9	0.463	1982
1983	0.37	0.26	0.29	1.34	10.70	11.30	4.75	2.22	0.79	0.65	0.61	0.41	1.42	Jun 06	10.9	0.659	1983
1984	0.24	0.27	0.21	0.76	8.01	11.40	4.38	1.06	0.60	0.42	0.34	0.34	2.85	May 25	56.0	0.543	1984
1985	0.26	0.27	0.32	0.94	2.43	4.15	5.23	1.31	1.14	1.00	0.43	0.35	1.49	May 19	23.6	0.520	1985
1986	0.30	0.28	0.25	0.55	5.92	10.40	8.69	3.93	3.27	1.55	0.62	0.36	3.01	Jul 09	15.4	0.779	1986
1987	0.33	0.25	0.31	1.20	4.49	4.35	1.29	0.72	0.46	0.46	0.31	0.24	1.20	Jun 16	32.8	2.40	1987
1988	0.24	0.21	0.23	0.64	5.39	8.67	2.85	1.38	0.91	0.73	0.49	0.32	1.89	Jun 06	13.6	0.349	1988
1989	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	Average	25.5	0.682	1989
1990	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	10-Year	46.7	0.385	1990
1991	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	mm			1991
1992	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	m <sup>3</sup> /s			1992
1993	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21				1993
1994	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21				1994
1995	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21				1995



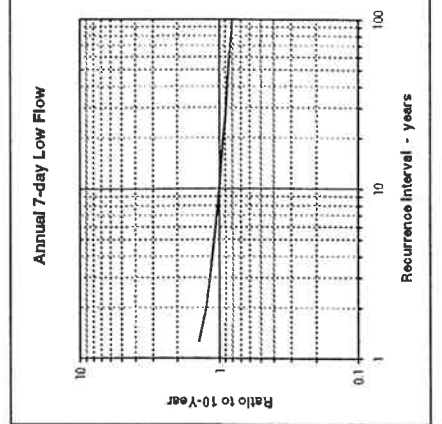
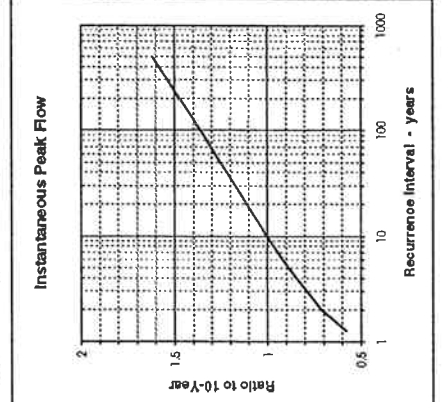
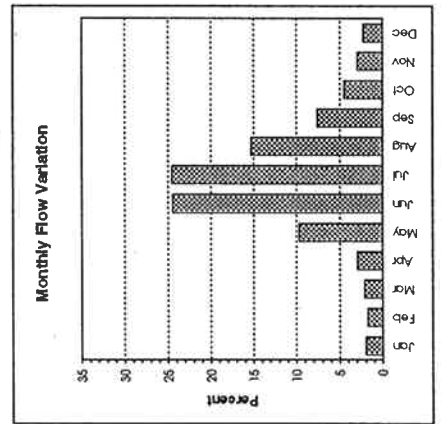
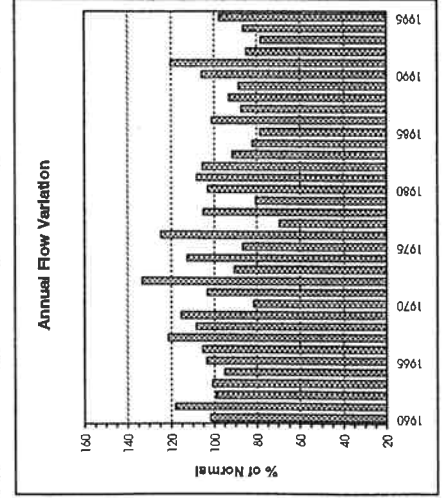
**CAVEN CREEK BELOW BLOOM CREEK 8NG078**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Mean	Median Elevation = 1760 m			date	m <sup>3</sup> /s	7-Day Low Flow			Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jun-Sep	Annual	Year						
1960	0.72	0.61	0.66	1.79	5.73	3.51	1.07	0.60	0.62	0.70	0.96	0.77	0.540	14.1	1960							
1961	2.14	1.16	1.24	6.73	13.20	3.01	1.48	1.11	1.11	0.92	1.05	1.62	1.00	26.1	1961							
1962	0.77	0.63	0.67	1.39	8.84	6.73	1.67	1.24	0.99	1.10	1.32	0.85	0.827	18.5	1962							
1963	1.30	0.98	0.84	4.84	13.70	5.40	2.15	1.36	0.99	0.88	0.83	0.74	0.913	35.4	1963							
1964	0.70	0.58	0.60	1.63	2.63	1.37	0.61	0.50	0.56	0.56	0.80	0.52	0.369	5.4	1964							
1965	0.53	0.52	1.01	3.35	9.93	5.96	2.43	1.17	0.96	0.79	0.63	0.56	0.889	14.9	1965							
1966	0.52	0.58	0.75	1.29	5.30	2.99	0.86	0.53	0.47	0.60	0.47	1.20	0.378	8.0	1966							
1967	0.50	0.60	0.62	4.82	8.28	2.95	1.24	0.90	0.86	0.59	0.89	1.54	0.749	16.3	1967							
1968	1.33	1.04	1.14	3.55	9.64	7.86	3.17	1.55	1.14	1.05	0.90	0.69	0.996	14.9	1968							
1969	0.68	1.14	1.01	2.35	9.73	6.44	2.59	1.13	0.97	0.89	0.81	0.98	0.805	18.5	1969							
1970	0.92	0.86	1.55	4.20	10.10	5.02	2.72	1.40	0.97	0.90	1.55	0.80	0.885	19.4	1970							
1971	1.11	0.76	0.79	2.34	4.65	5.43	1.54	0.72	0.70	0.66	0.66	0.51	0.573	10.3	1971							
1972	0.49	0.39	0.47	2.25	6.44	3.22	0.85	0.57	0.80	1.32	1.59	0.83	0.445	11.7	1972							
1973	0.83	1.10	2.99	5.44	7.79	3.68	1.42	0.85	0.83	0.81	0.81	0.88	0.723	14.1	1973							
1974	0.67	0.68	1.38	4.40	4.97	1.47	0.98	0.62	0.53	0.49	0.42	0.37	0.494	24.5	1974							
1975	0.40	0.39	0.53	3.14	4.97	2.56	0.85	0.52	0.53	0.57	0.65	0.52	0.416	11.6	1975							
1976	0.58	0.51	0.53	5.32	12.60	5.63	1.35	1.05	0.98	0.86	1.19	0.83	0.841	25.6	1976							
1977	0.87	0.79	0.91	7.28	10.50	3.03	3.03	1.47	0.96	1.02	1.90	1.55	0.844	20.8	1977							
1978	1.18	2.25	1.55	7.62	14.90	7.01	1.96	1.37	0.94	0.75	0.87	0.71	0.837	30.9	1978							
1979	0.71	0.69	1.25	3.14	3.77	1.21	1.05	0.64	0.66	0.62	0.61	0.52	0.577	9.6	1979							
1980	0.47	0.38	0.62	2.43	7.26	2.69	4.47	2.13	1.33	1.12	0.83	0.79	1.21	17.2	1980							
1981	0.75	0.68	1.43	5.96	6.19	3.18	1.32	0.74	0.61	0.68	0.62	0.56	0.567	13.9	1981							
1982	0.48	0.67	1.61	2.67	D								0.395	1982								
Normd	0.84	0.74	0.98	3.67	8.33	5.26	1.75	0.98	0.83	0.82	0.97	0.95	0.722	17.3	Average							
mm	7	6	9	31	73	45	15	9	7	7	8	8	0.436	27.3	10-Year							



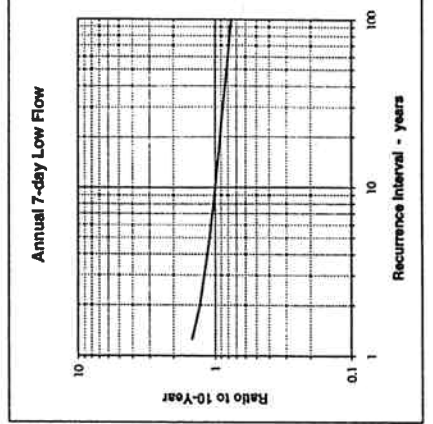
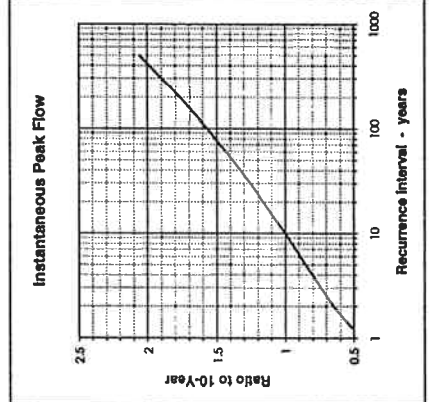
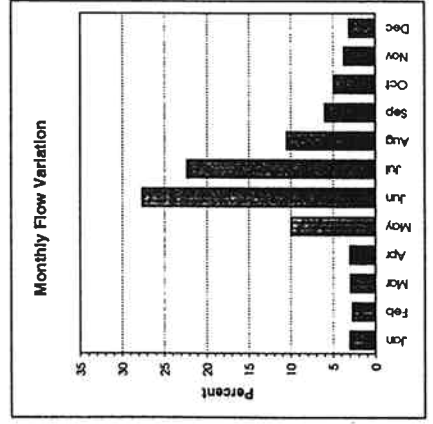
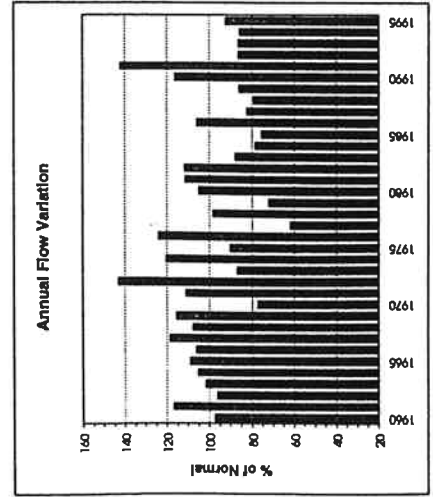
**COLUMBIA RIVER AT NICHOLSON 8NA002**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 6660 km <sup>2</sup>	Median Elevation = 1798 m				Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Mean	date	Jun-Sep	Annual				
1960	33	28	36	58	97	274	381	184	103	58	37	26	110	Jul 09	84.2	24.3	1960				
1961	29	29	31	32	150	539	291	196	94	65	39	31	128	Jun 09	58.1	25.5	1961				
1962	26	27	27	53	105	286	326	199	96	56	46	31	107	Jun 26	458	70.9	1962				
1963	29	32	27	50	110	331	292	180	115	64	41	31	109	Jun 20	430	21.2	1963				
1964	26	23	21	26	78	302	366	173	98	66	42	31	103	Jul 15	475	21.0	1964				
1965	25	25	26	29	334	292	334	237	98	53	43	26	112	Jul 10	387	22.1	1965				
1966	26	25	27	52	133	324	340	190	103	77	39	26	114	Jul 12	401	94.9	1966				
1967	25	24	25	32	89	449	433	224	129	73	41	26	131	Jun 25	600	108	1967				
1968	24	24	32	29	116	334	394	197	122	61	37	29	117	Jul 13	534	91.9	1968				
1969	22	24	26	65	197	428	316	179	98	62	41	27	125	Jun 26	492	21.5	1969				
1970	23	24	26	23	77	296	263	160	66	43	27	23	88	Jun 08	393	17.5	1970				
1971	23	24	22	34	161	348	308	220	90	48	36	21	112	Jun 11	773	77.2	1971				
1972	23	23	28	42	160	563	370	285	120	60	36	19	144	Jun 04	349	61.1	1972				
1973	28	26	32	34	115	230	299	193	84	50	44	36	98	Jun 27	734	23.2	1973				
1974	33	27	29	49	113	363	386	236	108	49	33	27	122	Jul 16	404	22.0	1974				
1975	25	23	25	29	75	227	310	176	95	47	44	41	94	Jul 12	475	21.4	1975				
1976	28	24	25	50	184	266	408	308	183	71	35	30	135	Jun 27	259	18.1	1976				
1977	25	22	25	29	79	205	174	169	192	41	28	24	75	Jul 12	447	88.8	1977				
1978	22	20	27	41	117	289	368	192	122	78	51	30	114	Jul 02	290	70.9	1978				
1979	24	24	29	29	92	246	260	162	92	45	25	22	87	Jun 23	411	63.7	1979				
1980	20	19	25	52	275	341	243	146	75	66	35	33	111	Jun 23	411	17.5	1980				
1981	30	30	31	37	151	269	333	276	117	50	36	28	117	Jul 10	382	72.6	1981				
1982	22	26	27	30	94	337	364	194	125	70	40	33	114	Jun 27	543	20.3	1982				
1983	30	28	31	34	95	294	286	196	86	41	39	23	99	Jul 17	395	20.4	1983				
1984	25	24	27	31	45	206	301	205	92	46	34	26	89	Jul 03	415	21.9	1984				
1985	22	21	22	37	127	260	226	123	71	46	32	27	85	May 31	304	53.5	1985				
1986	21	20	31	40	96	439	281	175	90	51	39	27	109	Jun 06	559	18.1	1986				
1987	24	21	27	37	211	279	216	137	87	39	27	21	94	Jun 20	355	67.2	1987				
1988	18	20	25	47	135	340	254	149	85	63	41	29	101	Jun 08	434	16.6	1988				
1989	29	23	30	39	113	278	240	170	89	51	45	37	96	Jun 19	425	68.0	1989				
1990	26	20	29	54	107	291	389	208	92	54	51	39	114	Jun 30	504	15.2	1990				
1991	30	29	27	49	157	316	436	273	113	54	36	30	130	Jul 07	520	24.3	1991				
1992	27	29	28	41	139	280	235	143	68	55	34	19	92	Jun 30	345	51.5	1992				
1993	22	18	28	28	148	231	187	153	81	31	24	20	85	Jun 06	289	16.7	1993				
1994	25	21	25	54	159	239	271	160	75	39	24	20	93	Jul 02	325	16.5	1994				
1995	19	22	29	28	104	349	293	177	100	56	44	40	105	Jun 10	401	69.9	1995				
Normal	25	24	27	39	123	322	312	195	99	57	38	29	108	Average	444	20.0	m <sup>3</sup> /s				
	10	9	11	15	50	125	125	78	39	23	15	12	512	10-Year	602	16.2	m <sup>3</sup> /s				



**COLUMBIA RIVER NEAR FAIRMONT HOT SPRINGS 8NA045**

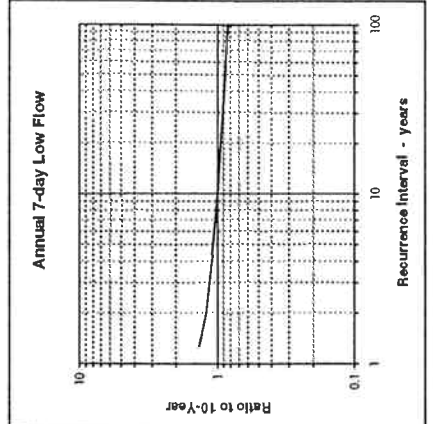
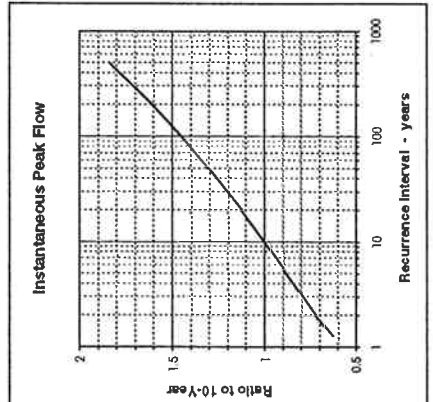
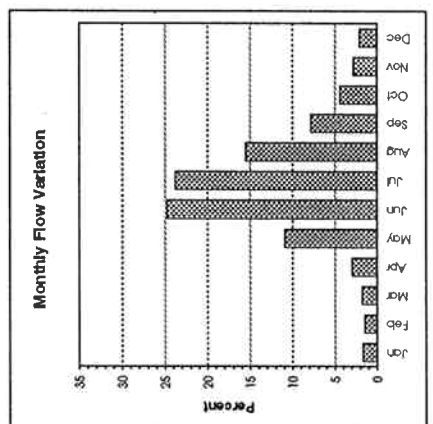
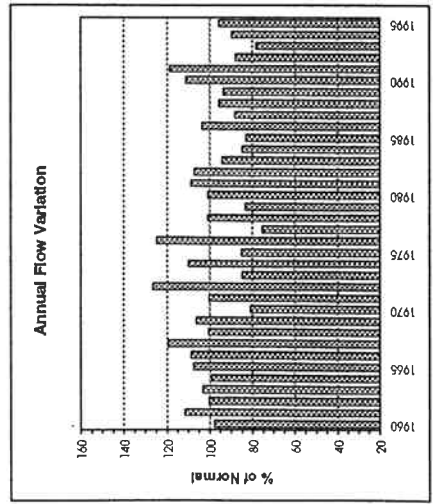
Year	Monthly and Annual Discharge In m <sup>3</sup> /s												7-Day Low Flow	Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date	m <sup>3</sup> /s
1960	4.70	4.43	4.06	5.79	9.57	29.10	28.80	11.70	6.73	5.27	4.29	3.55	9.84	Jun 19	37.1	5.76	3.08	1960
1961	3.68	3.91	3.64	3.50	12.50	55.40	23.90	11.00	7.94	6.82	5.34	4.06	11.80	Jun 07	70.5	7.05	3.40	1961
1962	4.07	4.11	3.63	4.60	9.51	30.30	25.40	12.50	7.29	5.32	5.47	4.20	9.72	Jun 26	43.9	6.42	3.08	1962
1963	3.46	3.82	3.39	3.17	9.01	36.10	27.60	13.70	8.12	5.88	4.82	3.82	10.26	Jun 19	45.6	6.86	2.80	1963
1964	3.88	3.51	3.29	3.58	7.87	34.00	31.60	13.00	8.10	8.02	6.29	4.37	10.64	Jun 27	43.9	7.59	3.13	1964
1965	4.54	4.63	4.34	4.51	9.72	33.50	29.00	14.00	8.55	7.63	5.90	5.21	10.99	Jun 20	45.9	7.73	3.40	1965
1966	4.36	4.08	4.03	4.70	14.40	36.50	27.60	12.40	6.78	5.45	4.49	3.64	10.73	Jun 10	41.1	5.89	2.76	1966
1967	3.67	3.84	3.45	3.19	7.71	47.30	38.50	14.50	6.85	5.48	5.07	4.01	11.99	Jun 22	66.5	5.90	2.93	1967
1968	4.02	3.81	3.67	3.44	10.60	32.80	32.30	14.80	9.05	6.83	4.83	4.17	10.88	Jun 28	41.9	7.96	3.20	1968
1969	3.72	4.00	3.88	5.42	19.80	41.40	27.80	11.10	7.34	6.32	5.16	3.97	11.69	Jun 12	48.7	7.05	3.49	1969
1970	3.88	4.16	3.36	6.79	3.36	27.60	16.70	7.86	6.30	5.39	3.86	3.79	7.80	Jun 09	36.0	5.79	2.68	1970
1971	4.09	4.35	3.89	3.70	15.50	37.70	29.00	15.40	7.70	5.85	4.94	2.21	11.23	Jun 25	46.4	6.57	1.72	1971
1972	2.75	3.55	4.66	4.02	12.70	55.60	40.00	22.00	10.20	7.86	5.95	3.90	14.44	Jun 11	99.4	8.56	2.41	1972
1973	4.35	3.96	3.95	3.74	10.60	25.90	22.50	10.00	6.74	5.04	4.10	3.99	8.76	Jun 30	36.5	5.92	3.50	1973
1974	3.62	3.70	3.28	3.36	10.00	41.90	39.40	17.20	8.82	5.69	4.81	3.83	12.18	Jun 26	75.3	7.20	2.90	1974
1975	3.52	3.56	3.56	3.35	6.67	26.10	27.40	12.10	7.88	6.18	4.81	3.95	9.12	Jul 14	36.2	6.74	3.21	1975
1976	3.60	3.39	3.39	4.26	20.00	32.70	37.60	20.00	10.00	6.64	4.51	3.69	12.53	Jul 09	43.9	8.23	3.25	1976
1977	3.17	3.27	3.05	3.02	7.24	18.40	11.00	7.90	6.24	4.83	3.39	3.25	6.24	Jun 10	22.7	5.78	2.18	1977
1978	3.31	3.05	3.08	3.61	9.65	31.60	31.00	11.10	7.56	6.39	4.46	3.82	9.92	Jul 03	43.0	6.83	2.79	1978
1979	3.29	3.51	3.34	3.14	8.15	24.60	17.00	7.91	5.57	5.12	3.12	3.43	7.27	Jun 13	32.8	4.60	2.80	1979
1980	3.04	2.74	2.98	3.92	30.40	34.50	18.60	9.53	6.27	6.23	4.50	4.35	10.61	May 26	40.2	5.76	2.56	1980
1981	4.33	3.97	3.75	3.38	15.60	30.60	30.40	19.70	8.27	6.10	4.61	3.60	11.25	Jun 02	40.5	6.84	2.78	1981
1982	3.14	3.85	3.45	2.91	7.68	37.70	35.30	15.00	8.92	7.84	4.91	4.09	11.28	Jun 29	57.2	7.99	2.38	1982
1983	3.85	3.70	3.65	3.35	9.43	30.50	23.20	11.10	6.19	4.57	4.25	2.54	8.86	Jun 10	39.5	5.12	1.98	1983
1984	3.54	3.32	3.19	3.28	4.51	22.90	26.30	11.00	5.98	4.40	3.64	2.81	7.92	Jun 29	43.2	5.20	2.64	1984
1985	3.08	2.93	2.88	3.39	11.90	26.60	15.10	7.35	6.36	5.26	3.31	3.03	7.61	May 30	30.7	5.55	2.41	1985
1986	3.18	3.05	3.48	3.66	11.00	46.90	23.70	12.00	7.20	5.62	4.81	3.49	10.68	Jun 05	61.6	6.08	2.84	1986
1987	3.34	3.39	3.36	3.51	23.30	25.30	14.20	8.10	5.36	3.79	3.21	2.45	8.30	May 18	34.4	4.51	2.01	1987
1988	2.65	2.95	2.93	3.42	11.60	27.80	16.70	8.69	5.54	5.56	4.49	3.42	7.98	Jun 19	33.0	5.12	2.01	1988
1989	3.44	2.90	3.28	3.62	11.90	28.50	19.50	9.75	7.93	5.02	4.31	3.90	8.69	Jun 16	38.6	6.47	2.74	1989
1990	3.46	3.30	3.30	4.83	11.10	37.80	39.60	15.30	6.65	5.58	5.10	4.33	11.74	Jun 28	57.6	5.44	3.15	1990
1991	3.58	4.09	3.60	4.23	17.20	43.60	51.10	20.70	8.90	5.65	4.90	3.92	14.36	Jul 05	72.5	7.24	3.41	1991
1992	3.66	3.74	3.79	4.39	13.30	28.40	18.80	9.15	5.91	5.68	4.25	3.49	8.72	Jun 16	32.5	5.37	2.83	1992
1993	3.54	3.21	3.33	3.04	14.00	21.90	19.90	13.10	8.14	5.89	4.02	3.97	8.71	Jun 03	30.4	7.01	2.65	1993
1994	3.75	3.23	3.41	5.71	17.40	26.30	20.50	8.22	5.10	3.81	3.15	2.93	8.65	Jun 26	30.7	4.40	2.38	1994
1995	2.86	2.95	3.03	3.06	8.93	34.10	22.30	11.90	7.63	6.06	4.93	3.92	9.32	Jun 07	41.4	5.98	2.49	1995
Normal	3.60	3.61	3.52	3.70	11.89	33.95	26.60	12.53	7.39	5.85	4.62	3.71	10.10	Average	45.6	6.35	2.78	m <sup>3</sup> /s
mm	11	10	11	11	37	103	83	39	22	18	14	12	372	10-Year	65.1	5.00	2.17	m <sup>3</sup> /s



**COLUMBIA RIVER AT DONALD 8NB005**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												7-Day Low Flow	Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date	m <sup>3</sup> /s
1960	44.9	37.2	48.0	88.9	156	443	576	301	160	88.6	59.4	35.6	170	Jul 08	685	133	32.9	1960
1961	39.8	35.2	40.9	51.0	272	802	431	323	139	99.5	57.3	38.3	195	Jun 08	974	89.8	31.4	1961
1962	32.8	40.4	40.1	76.9	184	473	508	351	156	91.7	76.6	51.3	174	Jun 26	717	124	28.0	1962
1963	39.5	46.0	40.0	74.1	218	557	489	309	197	103.0	61.9	44.4	180	Jun 20	716	144	29.6	1963
1964	35.1	32.7	31.4	48.2	141	515	557	298	149	129.0	76.9	49.0	172	Jul 14	696	110	30.3	1964
1965	37.3	34.3	32.5	75.2	181	522	521	437	151	109.0	78.0	51.9	187	Jul 08	655	111	31.6	1965
1966	38.1	35.4	39.7	76.4	273	528	582	314	173	97.2	60.4	42.7	189	Jul 20	690	159	30.4	1966
1967	30.0	30.4	32.1	51.2	177	719	644	363	239	103.0	56.2	33.4	207	Jun 28	869	154	26.9	1967
1968	32.7	32.3	31.5	40.6	195	527	539	298	191	98.0	63.2	37.4	175	Jul 13	720	146	29.0	1968
1969	27.5	32.3	37.7	96.4	320	631	452	275	146	93.6	60.1	39.6	185	Jun 10	717	128	26.7	1969
1970	31.2	31.3	34.4	37.3	140	483	411	261	111	68.4	41.5	34.0	141	Jun 28	549	79.3	26.7	1970
1971	31.7	33.5	30.1	56.5	272	540	436	375	143	76.7	48.3	39.4	174	Jun 09	668	87.8	28.3	1971
1972	40.4	24.8	33.7	59.7	289	850	566	409	182	94.8	50.6	43.1	220	Jun 12	1320	119	21.9	1972
1973	37.0	31.4	39.6	50.0	210	388	436	273	129	76.7	50.6	43.1	148	Jul 05	544	94.9	30.5	1973
1974	46.0	36.6	38.2	76.7	185	608	596	364	171	74.2	49.4	39.7	191	Jun 25	1130	124	31.1	1974
1975	27.0	23.5	28.8	42.8	126	359	489	280	155	88.3	76.1	62.4	148	Jul 16	646	114	22.7	1975
1976	38.3	27.0	30.4	76.3	321	432	447	498	132	113.0	54.0	44.6	217	Jul 10	719	205	24.0	1976
1977	34.9	31.5	33.7	53.5	175	389	289	289	134	62.9	41.5	37.1	131	Jun 09	561	96.4	27.4	1977
1978	32.3	29.4	35.9	62.5	191	469	544	288	207	118.0	71.2	47.8	176	Jul 11	688	149	26.5	1978
1979	35.7	31.1	35.3	44.7	173	431	414	262	157	76.4	37.8	31.8	145	Jun 13	525	121	28.9	1979
1980	29.2	26.8	30.9	90.6	455	539	378	223	129	108.0	53.4	37.4	176	Jun 21	614	112	21.6	1980
1981	46.5	36.8	42.4	61.0	297	410	554	433	190	84.1	56.1	41.6	189	Jul 15	650	123	30.9	1981
1982	26.7	36.2	36.3	44.6	175	575	568	323	222	113.0	62.7	49.6	187	Jun 28	836	161	24.9	1982
1983	42.4	39.7	44.7	61.3	200	469	470	326	144	66.4	63.9	32.7	164	Jul 14	601	95.6	30.3	1983
1984	33.9	33.3	38.1	51.4	83	385	469	335	167	81.2	50.8	42.8	148	Jun 30	684	119	32.2	1984
1985	30.1	27.5	29.8	58.0	253	435	397	214	127	76.4	50.0	40.6	145	May 26	571	91.8	24.1	1985
1986	31.6	31.3	46.3	63.8	211	689	460	294	145	84.4	59.1	42.4	180	Jun 06	843	90.2	27.6	1986
1987	33.0	27.2	40.3	40.3	354	449	358	219	150	63.7	42.6	31.3	153	Jun 17	570	117	24.2	1987
1988	26.5	25.7	34.7	82.3	236	529	437	264	149	103.0	63.4	42.8	166	Jun 08	667	94.0	23.4	1988
1989	29.5	23.1	31.8	60.2	209	495	413	309	161	83.3	72.9	55.9	163	Jun 15	683	119	20.4	1989
1990	36.3	26.0	40.8	93.1	217	551	628	349	156	84.5	76.1	47.1	193	Jul 01	801	127	20.2	1990
1991	39.1	38.3	37.8	79.1	285	538	659	430	180	82.8	51.2	42.1	206	Jul 05	794	117	35.0	1991
1992	38.9	39.7	40.8	69.1	254	488	373	235	118	92.4	53.4	29.9	163	Jun 24	564	88.4	25.8	1992
1993	26.6	23.6	36.8	42.5	265	364	307	138	136	80.4	45.2	39.7	136	Jun 02	499	92.0	21.7	1993
1994	31.1	27.1	35.1	89.8	285	423	435	263	132	67.5	39.5	32.3	156	Jul 03	528	111	23.5	1994
1995	22.3	28.6	39.4	43.6	189	548	434	305	176	94.3	63.1	48.1	167	Jun 07	618	122	18.0	1995

Normal	9	8	10	17	224	488	319	166	90.7	58.9	42.1	174	Average	703	119	26.9	m <sup>3</sup> /s
mm	9	8	10	17	62	135	88	44	25	16	12	566	10-Year	915	89.4	22.2	m <sup>3</sup> /s

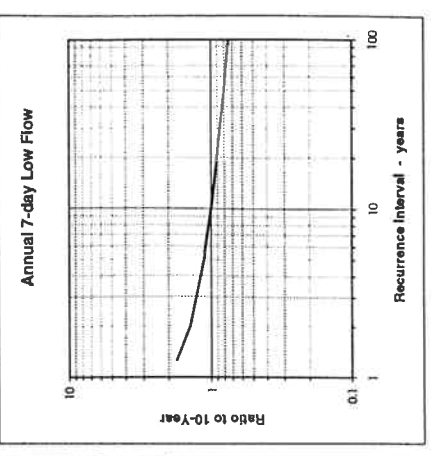
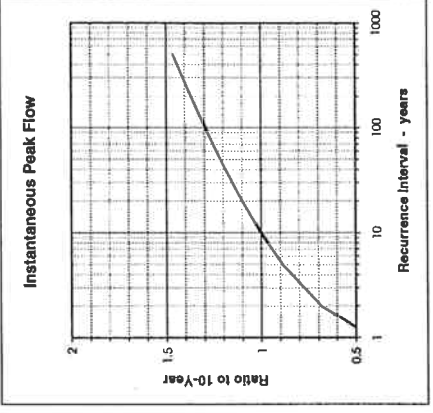
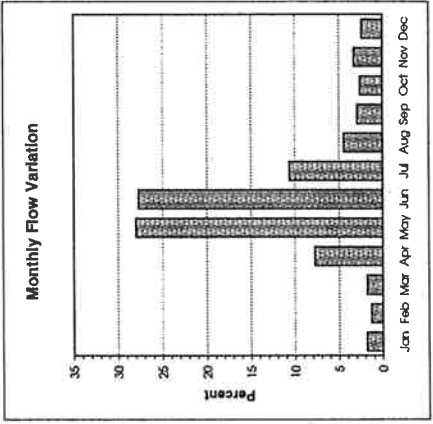
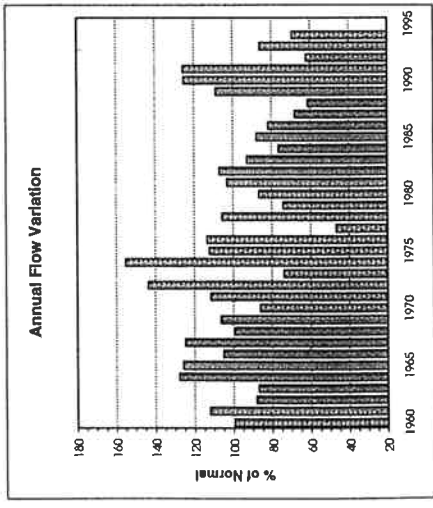




**COULDREY CREEK IN LOT 9380 8NP002**

Monthly and Annual Discharge in m<sup>3</sup>/s      Drainage Area = 118 km<sup>2</sup>      Median Elevation = 1791 m      7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Date	m <sup>3</sup> /s	Jun-Sep	Annual	Year	
1960	0.995	0.577	0.827	4.23	9.49	19.80	6.50	2.31	1.130	0.750	0.63	0.437	2.54	Jun 16	33.7	0.892	0.279	1960	
1961	0.272	0.322	0.422	0.52	7.07	14.00	4.28	1.72	1.170	1.020	1.65	1.980	2.87	Jun 06	21.9	0.890	0.200	1961	
1962	1.240	0.620	0.459	2.40	13.50	7.10	4.37	2.22	1.050	0.700	0.57	0.421	2.90	May 11	24.4	0.860	0.339	1962	
1963	0.532	0.466	0.444	1.80	3.85	2.68	1.09	0.99	0.709	0.665	0.57	0.530	1.20	May 11	6.1	0.616	0.333	1963	
1964	0.410	0.399	0.664	2.53	8.67	10.30	3.81	1.72	1.310	0.901	0.98	0.677	2.70	Jun 06	17.5	1.20	0.309	1964	
1965	0.414	0.442	0.513	0.94	8.15	6.83	2.22	0.88	0.651	0.597	0.47	0.476	1.90	May 27	16.8	0.620	0.370	1965	
1966	0.322	0.324	0.380	3.74	9.97	4.88	1.78	1.00	1.040	0.739	0.96	1.390	2.22	May 05	15.3	0.843	0.267	1966	
1967	1.300	0.720	0.831	2.66	9.41	8.64	3.83	1.53	0.888	0.709	0.68	0.468	2.64	May 26	16.1	0.717	0.405	1967	
1968	0.414	0.449	0.475	0.82	8.20	12.80	5.32	1.49	0.904	0.780	0.64	0.505	2.74	May 26	20.7	0.786	0.374	1968	
1969	0.441	0.420	0.489	2.03	8.57	7.48	4.48	1.59	0.839	0.562	0.98	0.485	2.37	May 29	19.3	0.726	0.394	1969	
1970	0.563	0.455	0.472	1.86	5.72	8.71	2.67	0.97	0.675	0.568	0.49	0.367	1.96	May 31	15.0	0.641	0.329	1970	
1971	0.228	0.193	0.205	1.81	10.00	6.80	1.87	0.94	1.180	1.410	1.59	0.601	2.25	May 22	18.6	0.611	0.173	1971	
1972	0.447	0.414	1.230	3.06	7.96	6.92	1.95	0.91	0.573	0.635	0.56	0.362	2.09	May 28	22.1	0.546	0.251	1972	
1973	0.313	0.306	0.435	3.06	9.20	3.42	1.45	0.82	0.522	0.496	0.39	0.335	1.74	May 01	17.0	0.406	0.279	1973	
1974	0.211	0.249	0.305	2.62	6.04	4.86	1.56	0.67	0.433	0.705	0.76	0.421	1.57	May 12	11.6	0.372	0.178	1974	
1975	0.370	0.313	0.370	2.82	9.00	8.80	2.56	1.33	1.410	1.020	3.61	1.720	2.78	Apr 22	24.2	0.937	0.263	1975	
1976	0.929	0.658	0.643	4.21	8.53	12.60	4.71	1.65	0.910	0.860	1.74	0.996	3.21	May 31	16.8	0.778	0.514	1976	
1977	0.656	0.624	0.629	2.59	11.00	13.10	5.58	1.69	0.927	0.577	0.65	0.418	3.21	May 19	27.0	0.735	0.320	1977	
1978	0.280	0.288	0.790	2.68	6.72	3.45	1.51	0.78	0.776	0.768	0.57	0.432	1.59	May 08	9.8	0.676	0.233	1978	
1979	0.356	0.287	0.359	1.41	9.42	5.35	4.48	1.73	1.053	0.823	0.50	0.437	2.20	May 14	18.8	0.94	0.26	1979	
1980	0.430	0.301	0.378	3.45	7.29	4.85	1.97	0.81	0.484	0.464	0.41	0.341	1.77	May 12	12.8	0.42	0.26	1980	
1981	0.349	0.520	1.297	2.06	8.18	D											0.30	1981	
Normal	0.557	0.431	0.539	2.42	8.43	8.62	3.20	1.34	0.906	0.772	1.01	0.716	2.56	Average	18.4	0.724	0.301	m <sup>3</sup> /s	
															10-Year	26.4	0.469	0.206	m <sup>3</sup> /s





**DORE RIVER NEAR MCBRIDE 8KA001**

Monthly and Annual Discharge in m<sup>3</sup>/s

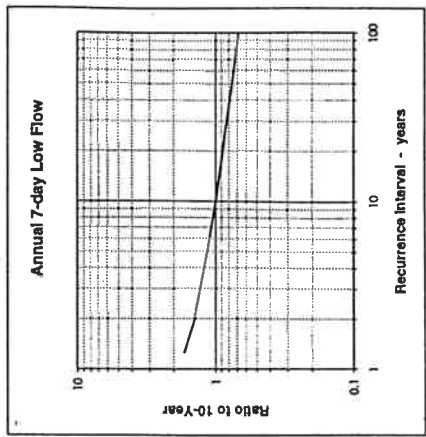
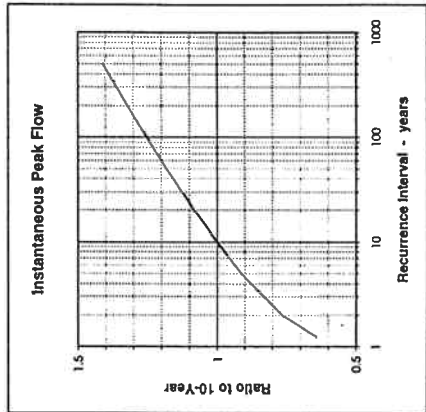
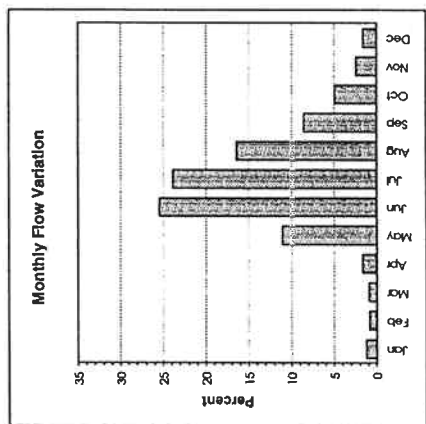
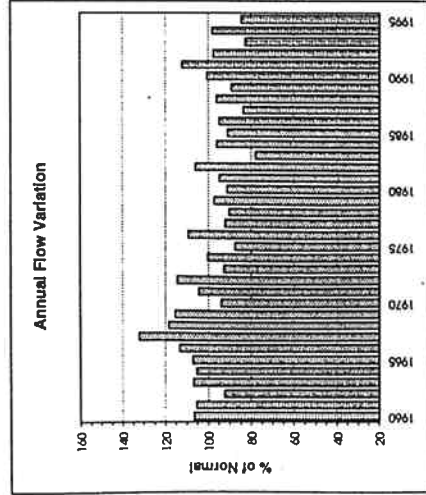
Drainage Area = 410 km<sup>2</sup>

Median Elevation = 1910 m

Instantaneous Peak Flow

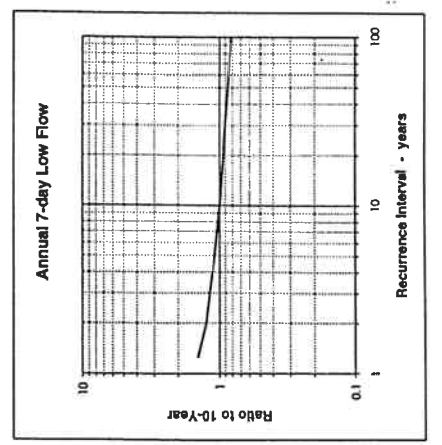
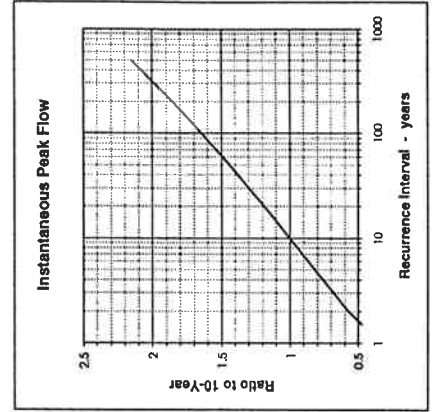
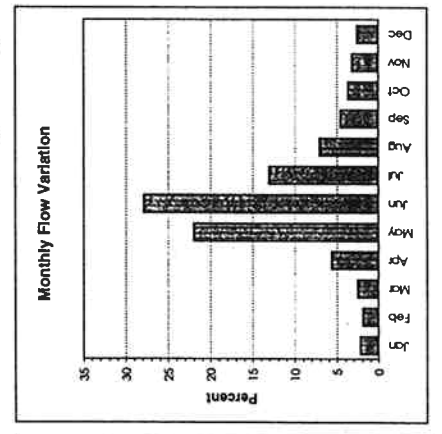
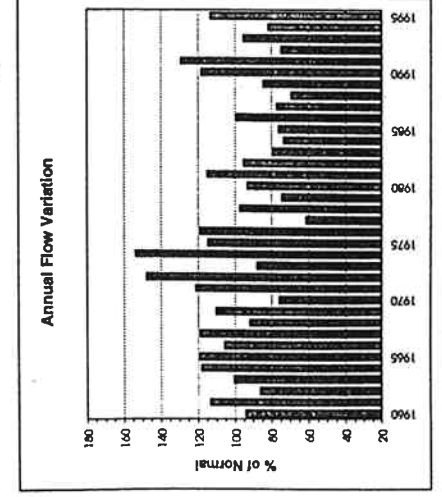
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Annual	Year
1960	1.8	1.5	1.4	1.4	13.3	79.2	60.8	35.4	22.3	11.0	5.2	2.3	15.5	Jun 28	142.3	1.24	1960
1961	2.0	1.6	2.5	2.4	21.9	50.5	59.2	23.0	23.0	8.1	4.5	1.3	15.4	Jun 26	125.8	1.34	1961
1962	1.8	1.6	1.7	4.5	23.6	57.4	39.0	38.6	16.4	7.9	5.2	3.2	13.5	Jun 04	98.0	1.48	1962
1963	1.9	1.6	1.6	1.8	11.9	57.2	38.9	26.9	10.6	6.9	2.8	1.4	13.7	Jun 04	112.0	1.28	1963
1964	1.9	1.6	1.5	2.8	24.2	43.7	38.9	35.6	14.8	6.5	5.4	2.8	15.2	Jun 23	85.5	1.04	1964
1965	1.7	1.2	1.5	2.5	28.3	65.6	40.4	30.8	10.6	10.5	4.1	2.5	16.7	Jun 11	113.0	1.08	1965
1966	1.7	1.2	1.3	1.8	20.0	40.7	35.8	24.2	18.2	9.7	3.6	2.8	13.5	Jun 24	100.0	1.15	1966
1967	1.9	1.4	1.3	2.6	11.5	46.4	42.3	28.8	15.9	14.7	4.7	2.8	14.6	Jun 15	99.4	1.32	1967
1968	1.9	1.4	1.2	1.5	10.7	34.7	52.7	19.6	10.9	6.4	7.4	3.8	12.8	Jul 11	93.2	1.22	1968
1969	2.2	1.8	1.6	3.0	21.4	31.4	46.6	40.8	24.9	9.7	4.1	2.6	15.9	Aug 17	99.1	1.58	1969
1970	1.9	1.8	2.0	5.0	15.1	40.8	38.8	31.2	10.7	6.3	3.9	2.7	13.4	Jul 16	88.9	1.72	1970
1971	2.1	1.4	1.1	2.5	11.7	37.6	42.4	24.8	14.2	10.8	5.2	3.2	13.2	Jun 30	77.9	1.07	1971
1972	1.9	1.5	1.4	2.3	13.9	44.2	46.3	27.7	17.0	8.1	2.8	2.1	14.2	May 26	82.1	1.43	1972
1973	1.7	1.4	1.2	4.9	23.4	34.3	29.6	21.3	16.9	11.1	4.6	8.6	13.3	Jun 26	62.8	1.18	1973
1974	5.8	3.3	2.6	2.7	27.6	26.9	38.7	29.7	15.0	4.9	5.3	2.1	13.8	Jul 03	73.8	1.01	1974
1975	1.9	1.3	1.0	1.7	13.3	55.9	45.4	27.2	23.1	8.2	3.6	2.2	15.5	Jun 21	106.0	1.30	1975
1976	2.0	1.9	1.5	3.1	16.7	28.6	30.3	24.4	12.1	6.5	5.6	2.7	11.3	Jul 13	72.3	1.40	1976
1977	2.0	1.8	1.8	2.6	8.0	40.8	41.3	29.9	18.3	15.4	3.1	2.2	14.0	Sep 17	105.0	1.72	1977
1978	1.7	1.6	1.6	2.5	25.8	38.2	40.7	24.5	11.7	6.3	2.2	1.2	13.3	May 24	71.9	1.15	1978
1979	1.6	1.5	1.4	2.4	23.0	51.1	35.7	23.0	11.3	7.3	4.3	2.7	13.8	Jun 01	103.1	1.25	1979
1980	2.3	2.3	1.8	3.8	22.2	42.9	32.7	18.5	7.4	4.7	4.3	2.7	12.2	Jun 13	121.0	1.48	1980
1981	2.2	1.5	1.2	5.8	25.6	39.8	32.1	28.7	16.5	8.0	3.7	2.4	14.0	May 13	68.8	1.20	1981
1982	1.9	1.7	1.5	2.9	19.2	42.7	32.8	29.5	10.6	5.2	4.7	2.3	13.0	Jun 14	80.0	1.31	1982
1983	1.8	0.8	0.6	4.1	23.9	52.7	41.7	27.2	11.9	4.7	3.5	2.2	14.7	May 06	102.0	0.601	1983
1984	1.5	1.5	1.5	5.0	24.2	40.0	46.4	43.1	16.9	8.8	2.8	2.4	16.3	Aug 30	128.0	1.24	1984
1985	2.2	1.9	3.1	7.9	21.5	45.5	29.0	22.7	12.6	15.4	5.3	3.3	14.2	Oct 24	93.8	1.82	1985
1986	2.2	1.8	1.8	8.4	33.3	30.5	25.3	24.1	11.9	5.4	3.1	1.4	12.1	May 04	76.0	1.26	1986
1987	1.6	1.2	2.0	8.4	28.3	40.0	39.6	20.6	15.5	7.3	3.1	3.0	14.3	Oct 01	82.9	1.04	1987
1988	1.7	1.4	1.2	2.2	19.6	34.4	36.9	23.7	15.2	4.8	3.2	2.6	12.3	Jul 26	100.0	1.069	1988
Normal	2.0	1.6	1.5	2.9	19.0	45.1	41.0	28.2	15.2	8.5	4.2	2.7	14.6	Average	95.3	1.29	m <sup>3</sup> /s
mm	13	9	10	19	124	285	268	184	96	55	27	18	1122	10-Year	122	0.916	m <sup>3</sup> /s



**ELK RIVER AT FERNIE 8NK002**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												3110 km <sup>2</sup>	Drainage Area =				Median Elevation = 1800 m	Instantaneous Peak Flow		7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Mean	date	m <sup>3</sup> /s	Jun-Sep		Annual				
1960	10.7	11.4	12.1	15.6	91.5	152.0	56.9	26.4	19.9	16.9	14.2	13.5	45.7	Jun 05	255	18.7	8.36	1960					
1961	12.8	19.1	10.7	34.6	190.0	221.0	91.0	45.8	27.5	21.5	20.4	10.6	54.9	May 28	373	22.8	7.33	1961					
1962	11.0	12.3	30.7	32.3	174.0	307.0	116.0	36.9	36.9	30.1	29.6	18.0	41.9	Jun 03	528	31.2	7.09	1962					
1963	15.0	11.8	15.5	24.6	115.0	160.0	64.2	33.2	23.9	17.1	16.9	14.2	48.8	Jun 10	289	20.1	9.68	1963					
1964	26.9	13.5	13.3	47.6	145.0	373.0	140.0	54.3	30.8	20.3	19.1	12.2	57.3	Jun 18	680	25.2	6.72	1964					
1965	11.6	10.2	12.0	22.2	105.0	222.0	116.0	49.0	34.0	25.4	26.7	33.0	51.3	Jun 06	303	25.8	8.85	1965					
1966	16.8	13.8	13.0	45.1	128.0	128.0	92.9	34.8	43.5	25.5	17.5	14.2	57.7	May 11	312	35.1	9.85	1966					
1967	10.7	11.7	11.3	29.6	73.3	74.7	34.7	34.8	31.1	19.6	13.8	12.7	29.9	Jun 09	124	25.9	8.98	1967					
1968	9.9	11.0	16.6	30.4	111.0	168.0	92.4	39.7	31.8	23.3	17.9	14.4	47.3	Jun 05	297	29.1	9.45	1968					
1969	9.7	11.4	13.7	20.8	115.0	124.0	50.3	28.2	20.6	15.0	10.8	14.2	36.3	May 27	285	17.1	8.11	1969					
1970	9.4	10.2	10.8	53.2	168.0	126.0	47.7	33.2	23.1	20.8	16.3	14.2	45.3	May 27	234	20.8	7.38	1970					
1971	19.2	15.3	15.9	33.8	174.0	164.0	113.0	52.4	28.8	21.6	16.2	11.8	55.8	May 27	376	25.2	10.5	1971					
1972	11.9	18.8	13.9	23.0	112.0	185.0	76.0	36.7	29.0	23.2	15.1	9.5	46.2	Jun 16	264	25.4	8.96	1972					
1973	10.9	11.5	15.5	30.5	103.0	116.0	71.5	34.7	20.4	15.7	20.6	11.5	38.6	May 30	255	17.4	9.04	1973					
1974	15.3	11.4	11.6	23.0	60.5	146.0	65.9	31.2	20.8	17.8	14.5	10.1	35.6	Jun 17	197	18.9	9.44	1974					
1975	10.2	8.2	10.2	29.3	118.0	100.0	40.5	27.2	34.1	27.8	21.2	15.8	37.0	May 26	217	24.7	6.65	1975					
1976	12.6	13.8	25.5	41.1	141.0	162.0	58.8	32.6	25.7	27.1	21.7	16.7	46.3	May 30	446	21.5	8.47	1976					
1977	11.8	10.7	18.8	44.8	147.0	76.8	47.1	32.3	20.1	14.8	12.3	11.0	37.5	May 13	245	17.5	8.52	1977					
1978	8.4	9.1	11.3	34.1	101.0	116.0	38.9	23.2	16.7	17.4	16.2	12.3	33.7	Jun 08	204	15.3	6.03	1978					
1979	11.2	8.6	10.9	34.2	104.0	138.0	55.4	31.9	29.3	21.6	28.4	18.4	41.1	Jun 07	218	21.7	7.07	1979					
1980	15.2	11.2	17.3	52.8	118.0	212.0	103.0	49.5	27.1	25.8	34.5	20.4	57.3	May 31	344	23.1	8.12	1980					
1981	15.4	18.8	17.3	47.8	169.0	221.0	131.0	51.1	28.9	20.8	16.2	13.5	62.8	May 21	324	24.8	11.6	1981					
1982	13.7	13.5	17.5	35.9	93.0	84.8	70.7	32.9	25.0	22.7	16.7	9.8	36.4	May 08	141	23.3	8.77	1982					
1983	9.2	8.7	14.4	22.8	120.0	116.0	105.0	53.6	38.1	26.8	19.5	17.3	46.2	Jun 02	238	32.8	6.40	1983					
1984	14.3	11.4	17.9	48.2	123.0	110.0	54.9	29.2	19.8	17.4	15.0	14.4	39.8	May 13	195	17.6	10.2	1984					
1985	9.8	13.6	16.7	20.5	84.7	237.0	104.0	49.4	28.2	27.6	34.9	32.3	55.0	Jun 07	718	24.2	7.86	1985					
1986	19.1	16.1	20.8	57.3	108.0	246.0	116.0	45.0	29.3	27.6	34.9	32.3	55.0	Jun 07	718	28.3	7.86	1986					
Normal	12.9	12.1	14.8	33.5	126.2	165.3	74.9	40.8	27.4	21.3	19.2	15.2	48.5	Average	310	23.3	8.44	m <sup>3</sup> /s					
mm	11	10	13	28	109	138	64	35	23	18	16	13	493	10-Year	490	17.3	6.72	m <sup>3</sup> /s					



# ELK RIVER AT PHILLIPS BRIDGE 8NK005

Monthly and Annual Discharge in m<sup>3</sup>/s

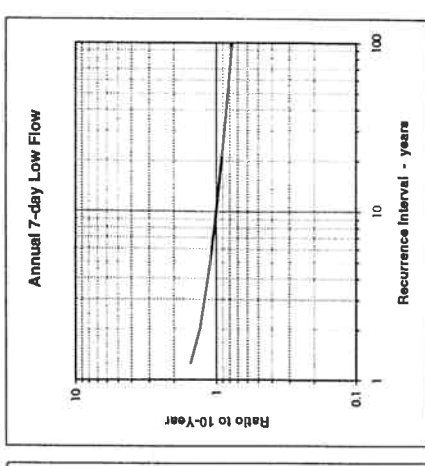
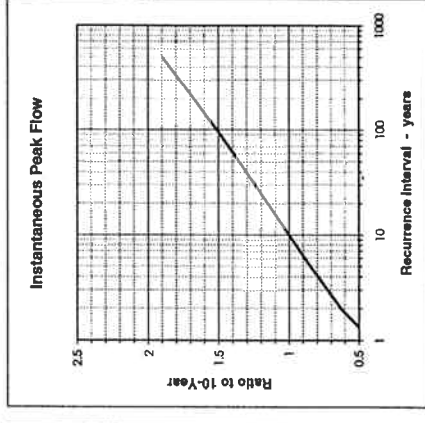
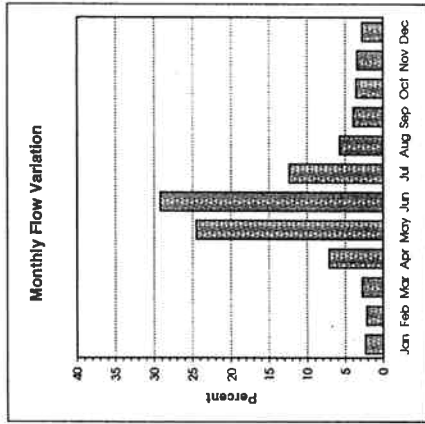
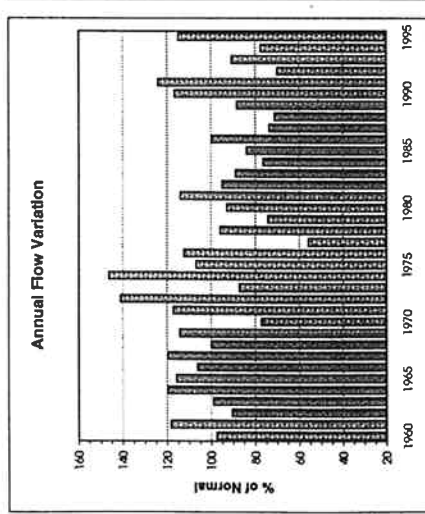
Drainage Area = 4450 km<sup>2</sup>

Median Elevation = 1816m

Instantaneous Peak Flow

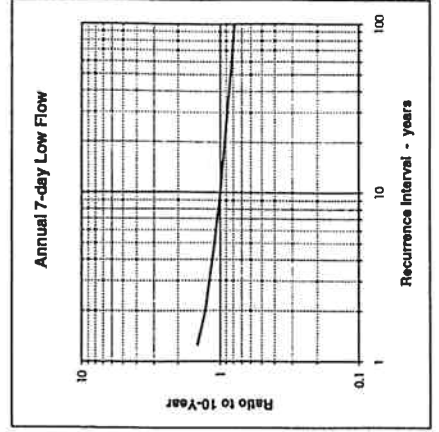
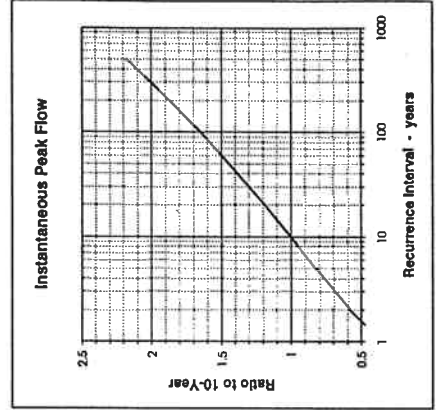
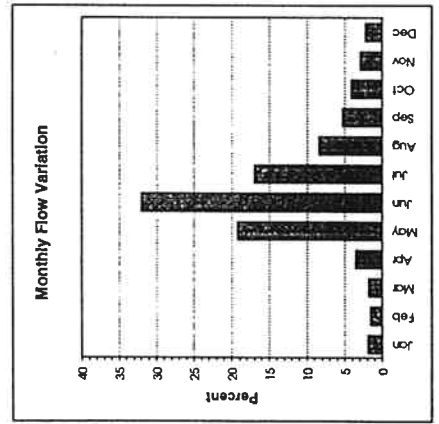
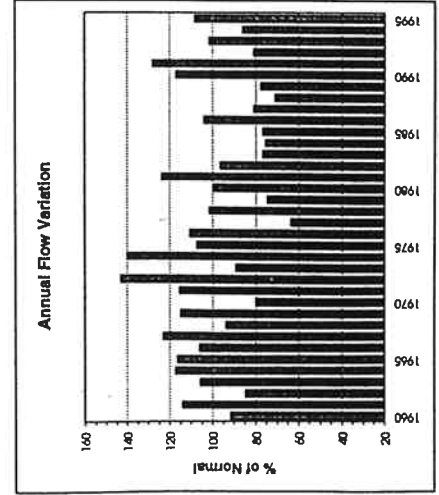
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Date	m <sup>3</sup> /s	Annual	Year	
1960	31.5	20.8	36.8	89.8	172	282	111	48.8	32.2	25.8	24.3	18.4	74.4	May 13	498	27.7	14.1	1960
1961	18.6	24.4	24.3	53.7	310	388	86	48.0	35.7	44.3	29.3	18.7	90.2	May 27	889	32.5	12.1	1961
1962	16.7	24.1	16.3	102.0	188	241	82	41.5	28.9	26.7	32.7	24.1	69.1	May 29	348	26.2	10.3	1962
1963	20.1	48.5	22.4	44.1	187	238	177	49.6	31.2	28.4	30.8	27.6	75.5	Jul 04	379	28.3	16.1	1963
1964	20.3	47.0	15.6	41.7	236	437	139	51.7	38.1	44.0	33.4	23.2	91.3	Jun 09	824	34.9	14.5	1964
1965	21.5	26.0	25.1	78.1	211	350	136	60.4	44.8	42.3	35.4	28.3	88.3	Jun 19	623	41.4	19.9	1965
1966	24.5	23.2	28.8	76.9	263	279	120	47.0	30.5	26.5	25.1	26.3	81.1	Jun 01	558	27.1	20.9	1966
1967	22.3	22.1	20.2	36.4	218	457	160	52.3	31.9	27.8	27.2	19.9	91.3	Jun 04	612	28.2	15.4	1967
1968	19.4	22.9	30.2	31.1	203	281	118	52.5	44.0	45.3	40.6	25.6	76.2	Jun 03	462	36.9	14.9	1968
1969	21.5	18.9	23.1	124.0	285	272	137	47.9	33.5	33.9	26.5	19.7	87.2	May 27	351	45.3	30.8	1969
1970	16.2	17.2	18.2	27.9	176	225	75	42.8	41.4	24.7	20.4	19.6	58.8	May 27	580	29.0	12.8	1970
1971	24.1	29.0	19.9	65.5	304	319	134	57.4	36.2	30.4	29.2	21.2	89.4	May 28	580	30.3	17.3	1971
1972	17.8	19.3	56.3	59.5	293	312	162	80.4	36.0	44.1	23.6	107.6	107.6	Jun 02	861	47.8	11.6	1972
1973	19.9	17.2	28.5	53.2	202	236	80	37.6	29.4	27.2	37.6	28.7	66.6	Jun 10	531	27.7	13.5	1973
1974	45.9	24.2	23.9	102.0	251	516	186	73.2	42.8	27.7	25.0	21.1	111.6	Jun 18	816	35.1	11.4	1974
1975	18.4	16.9	20.8	35.4	183	312	149	60.2	42.4	34.9	44.6	58.3	81.6	Jun 06	513	31.6	14.7	1975
1976	26.5	20.6	19.8	81.2	282	202	134	122.0	55.7	26.0	22.9	22.9	85.8	May 11	535	43.6	16.1	1976
1977	20.5	18.4	17.5	49.9	118	102	41	38.6	37.4	26.6	21.8	18.7	42.6	May 11	242	33.2	14.0	1977
1978	12.7	14.0	29.1	61.0	193	260	124	52.7	46.6	35.2	28.2	19.9	73.2	Jun 06	487	41.3	12.1	1978
1979	14.1	17.0	26.2	39.9	208	184	66	34.5	26.3	19.9	16.8	24.2	56.6	May 27	425	21.9	13.5	1979
1980	18.2	21.1	18.6	105.0	265	174	62	42.4	36.0	29.8	31.1	46.0	70.8	May 06	362	32.7	15.8	1980
1981	35.0	26.7	27.9	68.3	266	276	161	67.4	37.7	30.6	23.6	19.6	87.0	May 26	589	33.9	16.9	1981
1982	18.9	28.9	21.7	38.8	194	294	113	45.4	35.5	33.1	25.0	21.6	72.6	May 26	431	31.8	14.9	1982
1983	21.1	20.4	27.7	64.7	201	192	123	48.0	29.4	23.4	41.2	19.1	67.8	May 27	439	25.1	14.6	1983
1984	30.4	19.7	21.2	48.2	121	237	94	39.6	28.0	23.8	20.2	16.7	58.3	May 31	348	25.5	15.7	1984
1985	17.4	13.8	16.6	66.6	223	181	62	40.8	51.4	40.7	32.1	21.2	64.1	May 24	468	37.1	10.8	1985
1986	20.7	27.1	53.1	87.1	242	227	77	40.8	33.7	39.5	38.3	26.6	76.2	May 29	712	28.2	14.6	1986
1987	18.4	16.8	34.1	88.8	229	108	61	40.6	25.3	18.1	15.0	16.0	56.2	May 31	423	22.3	12.6	1987
1988	12.9	13.2	18.3	77.7	172	168	56	31.5	22.7	29.9	31.3	18.1	54.3	May 31	308	19.7	8.73	1988
1989	24.2	17.1	25.5	108.0	196	330	142	61.2	32.3	32.2	64.4	33.9	89.0	Jun 07	370	28.5	12.3	1989
1990	23.5	33.2	23.4	84.7	286	334	180	64.6	36.3	25.8	22.7	19.0	94.7	May 20	611	27.4	13.2	1990
1991	18.2	20.5	29.7	68.7	164	112	85	40.1	33.8	30.1	22.5	14.7	53.4	Apr 30	364	31.8	15.7	1991
1992	13.6	12.4	23.6	45.0	209	165	153	36.2	47.9	35.7	27.3	23.4	69.2	May 17	448	29.4	12.7	1992
1993	20.4	14.4	31.9	91.5	200	157	69	36.6	25.8	23.7	18.4	18.7	59.1	May 13	357	22.8	8.12	1993
1994	16.5	28.0	32.0	39.9	149	352	133	66.1	36.1	49.8	80.9	67.3	87.6	Jun 07	1130	30.5	13.2	1994
1995	21.2	21.3	25.0	66.4	220	271	111	51.6	36.7	32.1	31.9	25.0	76.3	Average	526	31.2	13.9	1995
Normal	13	12	15	39	133	158	67	31	21	19	19	15	541	10-Year	774	23.8	10.6	m <sup>3</sup> /s



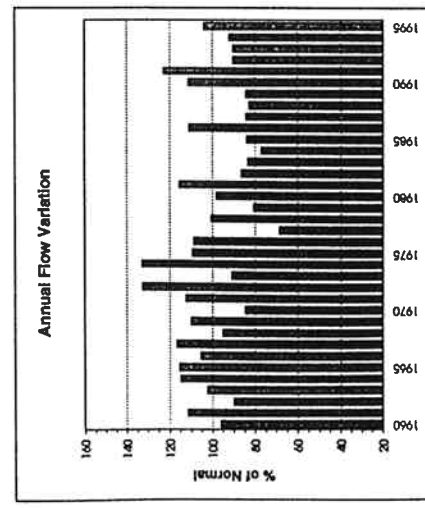
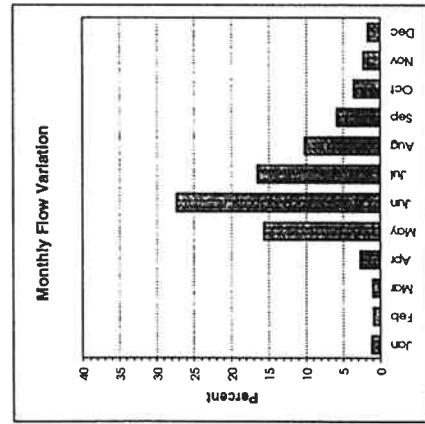
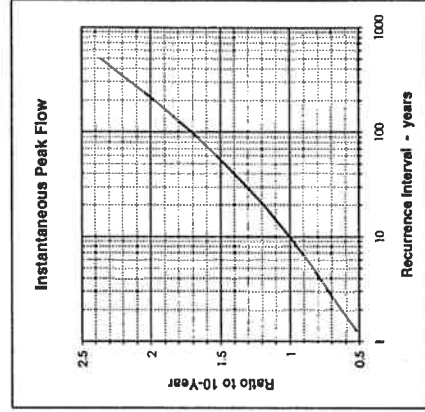
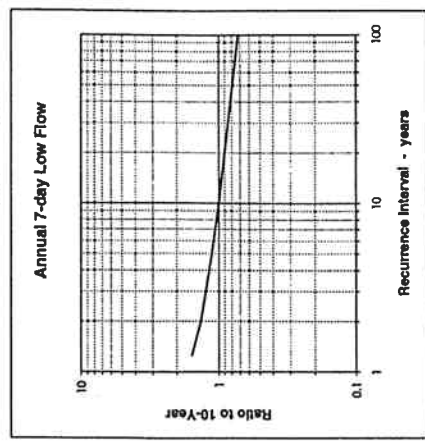
**ELK RIVER NEAR NATAL 8NK016**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 1860 km <sup>2</sup>	Median Elevation = 1910 m	Instantaneous Peak Flow		7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s	Jun-Sep	
1960	6.7	5.6	5.6	14.1	43.4	107.0	47.0	24.2	12.4	8.6	7.5	4.8	23.9	Jun 04	201	10.8	3.91	1960	
1961	3.9	3.8	4.5	6.2	78.3	141.0	38.4	26.2	17.1	17.5	11.6	6.7	25.7	May 26	282	15.4	3.82	1961	
1962	5.3	5.8	5.1	18.9	42.6	81.0	42.7	13.8	13.8	10.3	9.3	7.0	22.0	Jun 18	102	13.1	2.99	1962	
1963	4.8	6.0	5.0	7.3	45.0	97.1	95.6	23.6	15.1	11.9	9.2	8.5	27.6	Jul 04	234	14.0	3.60	1963	
1964	8.0	5.5	4.2	5.8	56.3	146.0	73.3	23.8	15.1	14.0	10.0	4.0	30.5	Jun 10	224	14.4	3.81	1964	
1965	3.8	4.8	4.1	10.3	44.3	134.0	67.2	30.7	19.5	19.4	14.2	10.3	30.3	Jun 17	189	18.1	3.82	1965	
1966	7.5	3.8	5.4	12.3	75.1	103.0	55.3	26.5	15.6	10.9	8.8	6.9	27.6	Jun 02	197	13.4	5.27	1966	
1967	5.6	5.4	4.6	5.2	49.1	174.0	72.2	26.5	15.6	11.4	8.2	6.0	32.0	Jun 02	219	13.6	4.27	1967	
1968	6.0	5.4	5.2	5.9	43.4	94.1	56.7	25.7	18.0	14.8	10.2	7.0	24.4	Jun 04	134	17.1	4.23	1968	
1969	6.5	5.3	4.9	19.5	81.1	111.0	65.7	23.8	14.1	11.4	8.0	5.7	29.9	Jun 06	177	13.1	4.18	1969	
1970	5.2	5.5	4.9	5.0	39.0	93.9	41.0	18.7	13.4	9.8	7.3	5.7	20.8	Jun 07	140	12.4	4.11	1970	
1971	5.6	4.9	4.7	13.9	91.0	110.0	64.2	29.4	16.1	12.4	9.7	7.0	30.0	Jun 09	189	13.0	4.50	1971	
1972	5.8	5.8	12.3	9.1	77.8	174.0	66.7	36.1	21.8	17.0	12.2	8.2	37.2	Jun 02	305	18.7	3.73	1972	
1973	7.8	6.1	6.7	9.0	50.2	92.1	43.2	20.5	15.0	11.1	8.8	7.4	23.2	Jun 09	129	12.7	4.98	1973	
1974	8.8	5.5	5.2	13.1	58.7	187.0	34.1	19.8	19.8	12.4	9.1	6.9	36.4	Jun 18	340	16.1	3.05	1974	
1975	5.6	4.4	4.7	7.5	45.3	110.0	71.1	31.3	20.0	13.4	10.7	9.8	27.9	Jul 08	131	15.4	4.07	1975	
1976	7.7	6.1	5.6	16.4	83.7	67.0	54.5	47.2	24.9	14.5	8.9	7.2	26.8	May 11	124	20.3	5.12	1976	
1977	5.8	5.9	5.5	9.9	36.0	47.7	20.9	23.2	19.1	11.4	6.8	5.7	16.5	Jun 09	75	15.9	4.16	1977	
1978	5.5	5.5	6.1	10.7	50.6	99.6	60.5	19.4	19.4	15.2	11.1	8.0	26.4	Jun 07	176	17.4	4.71	1978	
1979	5.1	5.5	5.6	6.6	51.5	69.8	33.2	19.7	13.4	8.7	5.9	6.2	19.3	May 27	141	10.3	4.85	1979	
1980	3.4	3.7	4.0	19.8	90.0	85.2	33.4	24.3	15.7	14.1	9.2	7.9	25.9	May 27	139	14.2	2.89	1980	
1981	8.1	6.3	6.3	12.6	89.7	96.5	77.3	38.3	19.0	12.9	9.2	7.4	32.2	May 27	220	15.9	5.55	1981	
1982	5.6	7.1	5.3	7.6	52.7	106.0	46.7	22.9	17.7	13.1	8.4	6.4	25.1	Jun 14	188	15.2	5.07	1982	
1983	5.9	5.4	5.7	9.7	47.0	63.3	42.0	22.0	12.5	9.1	8.7	6.2	19.9	May 30	126	10.5	5.29	1983	
1984	6.8	5.0	5.2	8.5	24.7	83.4	42.6	21.3	13.1	10.7	8.7	5.2	19.6	Jun 16	112	12.1	4.67	1984	
1985	4.9	4.2	4.3	10.6	55.7	62.0	28.7	17.9	20.4	13.9	9.2	6.6	19.9	May 26	113	14.9	3.89	1985	
1986	6.2	5.6	8.1	16.0	68.7	103.0	41.1	22.6	17.1	8.8	11.6	7.7	27.1	May 29	229	14.0	4.60	1986	
1987	5.9	5.1	6.1	17.4	80.9	48.2	31.6	22.1	13.2	8.8	6.4	5.0	21.0	May 13	132	11.2	4.38	1987	
1988	4.2	4.0	4.1	11.4	50.8	70.4	25.8	16.7	11.1	10.0	7.5	5.1	18.4	Jun 08	124	9.81	3.77	1988	
1989	4.9	3.9	4.8	9.9	46.8	73.5	33.1	19.7	17.2	10.3	9.6	7.3	20.1	Jun 08	111	12.4	3.42	1989	
1990	6.0	5.0	6.0	6.0	60.4	120.0	66.6	32.2	16.5	13.3	11.6	8.4	30.4	May 31	195	13.6	4.41	1990	
1991	7.0	6.6	5.9	16.9	84.0	118.0	81.5	33.4	17.3	12.1	8.4	6.3	33.3	May 22	166	15.0	5.23	1991	
1992	5.8	5.5	6.9	14.8	46.4	56.3	47.7	21.9	15.9	14.3	10.2	6.0	21.0	Jul 10	92	15.3	5.32	1992	
1993	5.8	5.5	6.0	8.8	68.6	68.3	68.3	34.1	23.9	15.2	9.6	8.6	26.4	Jun 02	136	19.1	5.02	1993	
1994	7.2	5.8	7.3	20.9	62.3	68.8	61.1	20.3	13.1	10.1	7.7	6.3	22.4	Jun 02	96	11.4	5.37	1994	
1995	4.4	5.0	5.5	8.2	43.1	135.0	61.9	27.8	16.2	11.9	9.7	8.8	28.2	Jun 07	436	12.9	3.59	1995	
Normal	5.9	5.3	5.5	11.1	58.9	101.5	51.9	25.7	16.7	12.7	9.3	6.9	26.0	Average	176	14.2	4.32	m <sup>3</sup> /s	
mm	8	7	8	16	85	141	75	37	23	18	13	10	441	10-Year	273	11.1	3.41	m <sup>3</sup> /s	



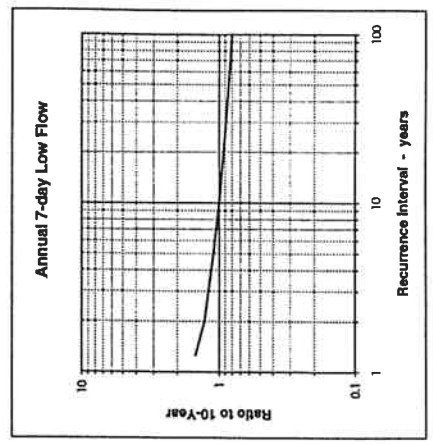
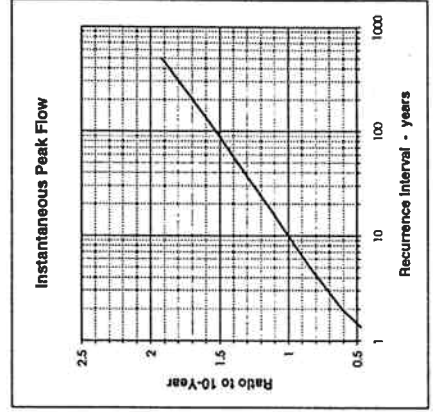
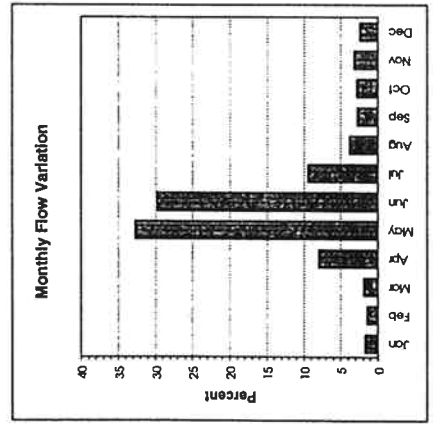
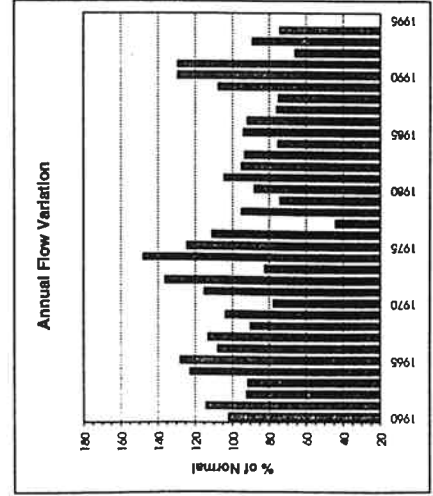
**ELK RIVER BELOW WEARY CREEK 8NK027**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow Annual	Year	
1960													6.89				1960	
1961													7.99				1961	
1962													6.46				1962	
1963													7.35				1963	
1964													8.24				1964	
1965													8.27				1965	
1966													7.57				1966	
1967													8.36				1967	
1968													6.81				1968	
1969													7.89				1969	
1970													6.07				1970	
1971													8.06				1971	
1972													9.52				1972	
1973													6.52				1973	
1974													9.54				1974	
1975													7.84				1975	
1976													7.80				1976	
1977													4.93				1977	
1978													7.21				1978	
1979													5.78				1979	
1980													7.04				1980	
1981													8.27				1981	
1982	1.11	0.82	0.60	0.76	6.46	29.00	14.50	8.71	6.25	3.00	1.64	1.45	6.20	Jun 16	47.3	4.53	0.471	1982
1983	1.00	0.85	0.91	2.09	13.30	19.00	15.40	9.02	4.56	1.92	1.96	1.23	5.97	May 30	38.9	3.21	0.791	1983
1984	1.13	0.92	0.94	2.13	6.53	22.30	13.70	9.03	4.38	2.60	1.39	1.15	5.52	Jun 30	32.3	3.61	0.846	1984
1985	0.98	0.72	0.82	1.91	14.90	18.70	11.70	7.22	6.23	3.62	2.97	2.25	6.03	May 26	35.3	4.77	0.594	1985
1986	1.14	0.93	1.26	3.57	18.80	33.60	15.10	8.60	4.83	3.78	2.09	1.32	7.94	May 29	64.0	3.18	0.737	1986
1987	1.04	0.97	0.97	3.32	20.00	16.90	10.90	8.21	4.80	2.30	1.45	1.14	6.03	May 13	36.4	3.80	0.867	1987
1988	0.84	0.82	0.79	2.52	14.00	22.50	10.60	7.43	5.05	3.75	2.13	1.40	5.94	Jun 08	43.6	3.26	0.739	1988
1989	0.95	0.82	0.71	1.69	11.40	24.10	12.80	8.38	5.05	2.64	2.31	1.55	6.05	Jun 10	38.9	3.55	0.635	1989
1990	1.06	0.77	0.99	3.49	14.00	28.80	21.20	11.30	5.69	3.78	2.69	1.38	7.96	May 30	52.9	4.42	0.654	1990
1991	1.20	1.21	1.04	2.23	17.80	29.60	25.90	14.20	5.81	2.98	1.64	1.22	8.79	Jun 12	42.1	4.29	0.949	1991
1992	1.17	1.12	1.14	3.38	13.60	19.80	15.80	8.34	5.30	4.20	2.49	1.18	6.48	Jul 09	29.0	4.91	0.917	1992
1993	1.13	1.07	1.04	1.91	16.80	17.40	16.80	9.13	5.32	1.86	1.86	1.57	6.48	Jun 02	50.1	3.92	0.911	1993
1994	1.21	0.87	1.14	4.08	17.00	21.50	14.50	8.47	4.51	2.56	1.64	1.40	6.61	Jun 07	34.3	3.91	0.738	1994
1995	1.04	0.75	0.88	1.30	9.05	34.00	19.30	9.22	5.79	3.43	2.32	2.07	7.45	Jun 07	88.4	3.77	0.646	1995
Normal	1.03	0.85	0.89	2.39	13.27	23.88	13.99	8.66	5.13	3.04	2.07	1.43	7.17	Average	45.3	3.94	0.750	m <sup>3</sup> /s
mm	8	6	7	18	106	185	112	69	40	24	16	11	676	10-Year	65.1	3.23	0.558	m <sup>3</sup> /s



**FLATHEAD RIVER AT FLATHEAD 8NP001**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 1050 km <sup>2</sup>					Median Elevation = 1700 m					7-Day Low Flow				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Annual	Jun-Sep	Annual	Year								
1960	6.0	5.4	8.1	35.4	82.4	112.0	28.9	11.7	7.7	6.4	6.2	4.2	26.2	Jun 03	272	3.52	6.28	1960									
1961	3.5	5.7	6.4	18.7	128.0	125.0	22.7	9.3	7.3	11.1	7.2	5.3	29.3	May 27	360	2.89	6.60	1961									
1962	4.1	5.1	4.6	39.8	88.4	78.7	20.4	9.2	7.3	7.9	9.4	8.5	23.6	May 24	147	3.30	6.45	1962									
1963	4.1	9.6	7.9	21.1	109.0	151.0	41.3	12.0	7.7	6.8	6.8	6.1	23.5	May 31	132	3.21	7.04	1963									
1964	5.1	4.4	4.2	10.1	40.6	12.7	40.6	12.7	9.4	10.9	10.9	6.5	31.4	Jun 08	462	3.17	7.45	1964									
1965	5.6	5.0	5.3	25.3	112.0	148.0	41.2	13.9	11.6	10.2	8.4	6.4	32.8	May 30	238	3.32	9.47	1965									
1966	5.0	4.3	5.0	26.4	115.0	105.0	31.2	11.4	7.5	6.7	7.1	6.1	27.7	May 31	212	3.05	6.37	1966									
1967	4.5	3.9	5.1	9.5	106.0	143.0	35.3	11.6	6.7	7.0	9.1	5.0	29.0	May 23	282	3.53	5.91	1967									
1968	3.6	4.9	7.8	11.7	93.6	76.4	23.3	10.7	11.7	13.3	12.5	7.9	23.2	May 22	183	3.22	7.70	1968									
1969	5.6	4.0	4.3	46.6	111.0	80.3	29.7	10.0	7.3	8.3	6.5	4.9	26.6	May 14	185	3.48	6.51	1969									
1970	3.8	3.2	3.5	5.4	90.7	82.2	18.3	8.1	6.5	5.9	5.1	5.4	19.9	May 26	174	3.04	6.00	1970									
1971	4.5	4.8	5.3	20.8	130.0	104.0	36.2	13.1	8.1	7.6	7.4	6.1	29.5	May 28	245	3.59	7.18	1971									
1972	4.8	4.9	15.0	20.8	127.0	150.0	38.0	16.3	12.5	13.4	8.4	7.4	34.9	Jun 01	334	3.64	11.7	1972									
1973	5.3	3.6	4.2	14.3	89.3	74.4	19.5	7.9	5.7	6.1	13.7	8.7	21.1	May 18	255	3.42	4.91	1973									
1974	9.9	5.7	6.2	36.9	108.0	189.0	55.7	17.5	9.4	6.2	5.5	4.9	37.9	Jun 17	421	2.61	7.73	1974									
1975	3.5	3.1	3.8	5.6	83.9	154.0	46.8	16.3	11.6	10.9	17.4	25.0	31.9	Jun 20	362	8.71	8.71	1975									
1976	8.4	7.1	5.8	28.5	128.0	71.8	35.3	26.5	12.1	6.8	6.7	3.6	28.5	May 11	249	2.34	8.73	1976									
1977	3.3	3.1	3.3	21.8	43.6	23.3	7.9	5.3	6.2	5.0	5.5	7.4	11.3	May 11	85	2.05	4.65	1977									
1978	3.8	3.8	4.8	22.6	89.7	85.4	30.6	12.7	12.3	9.2	11.2	5.8	24.4	Jun 06	185	3.29	10.4	1978									
1979	3.3	2.8	4.9	11.4	98.3	63.2	17.1	7.6	5.3	4.3	3.5	5.2	19.0	May 27	196	4.40	4.40	1979									
1980	3.4	4.1	3.9	41.3	107.0	44.8	15.7	9.1	9.9	6.8	9.5	14.9	22.6	May 26	178	7.97	7.97	1980									
1981	13.0	7.3	7.5	31.5	110.0	83.8	33.1	11.5	7.0	6.2	5.2	4.4	26.8	May 23	188	6.08	6.08	1981									
1982	4.0	4.0	3.7	7.1	84.3	111.0	34.1	12.1	8.4	9.0	7.0	5.4	24.3	May 23	215	2.83	7.46	1982									
1983	4.0	5.3	5.5	21.0	95.4	72.0	38.3	13.6	7.9	6.3	12.3	5.3	23.9	May 27	221	6.80	6.80	1983									
1984	9.6	5.0	5.4	20.7	59.6	77.4	21.9	9.2	8.0	6.7	4.9	3.3	19.3	May 31	177	6.84	6.84	1984									
1985	4.0	3.0	3.1	28.5	108.0	59.7	15.4	7.8	13.7	18.3	17.4	8.6	24.1	May 25	190	6.31	2.84	1985									
1986	5.6	8.5	19.4	40.7	91.5	63.8	16.8	7.5	6.0	9.0	7.7	5.8	23.6	May 29	224	5.58	5.58	1986									
1987	3.8	3.5	7.1	44.5	101.0	32.8	14.3	8.4	5.3	4.0	3.6	4.2	19.5	May 01	203	4.61	4.61	1987									
1988	3.0	2.8	3.1	33.6	83.0	53.7	13.0	6.3	5.7	10.4	11.0	5.2	19.2	May 13	157	4.49	4.49	1988									
1989	4.0	3.4	4.1	29.6	92.9	90.5	23.2	10.5	12.4	11.2	34.5	14.1	27.6	Nov 11	188	8.23	2.88	1989									
1990	8.0	5.7	5.9	48.6	98.5	125.0	39.6	13.7	7.6	9.0	24.6	11.0	33.1	May 30	195	6.46	6.46	1990									
1991	8.6	8.0	6.3	29.9	128.0	125.0	52.2	14.8	7.7	5.7	5.6	4.2	33.1	May 20	265	3.58	6.80	1991									
1992	3.9	4.1	6.4	33.9	71.1	30.7	17.3	8.2	8.6	8.5	6.1	3.9	16.9	Apr 30	127	6.90	3.50	1992									
1993	3.8	3.8	3.8	15.8	103.0	53.3	45.6	16.6	10.5	7.9	5.2	4.4	22.9	May 14	203	9.89	2.49	1993									
1994	4.2	3.2	4.4	35.5	91.3	48.4	14.9	7.0	4.9	5.2	4.9	4.2	19.1	May 13	172	4.40	4.40	1994									
1995	3.9	6.0	9.5	16.2	94.0	117.3	D	7.0	4.9	5.2	4.9	4.2	19.1	Jun 07	592	2.90	2.90	1995									
Normal	5.1	4.9	5.9	24.8	95.9	93.1	28.6	11.4	8.6	8.6	10.0	7.3	25.7	Average	235	6.94	6.94	m <sup>3</sup> /s									
	13	11	15	61	250	228	72	29	21	22	24	18	764	10-Year	357	4.94	4.94	m <sup>3</sup> /s									



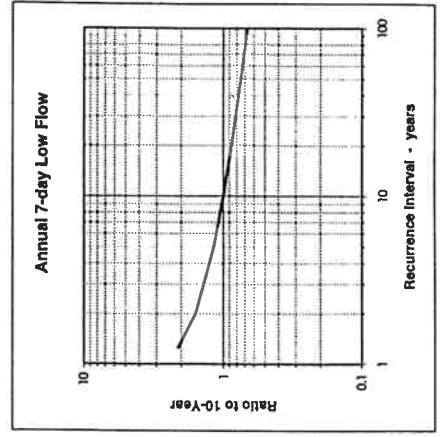
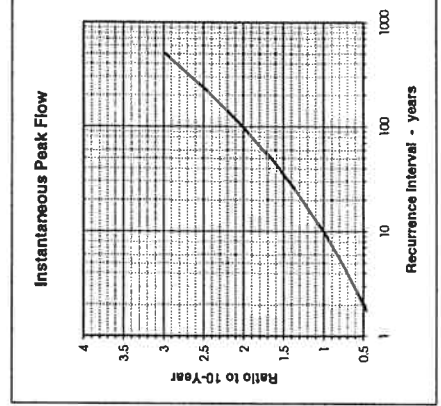
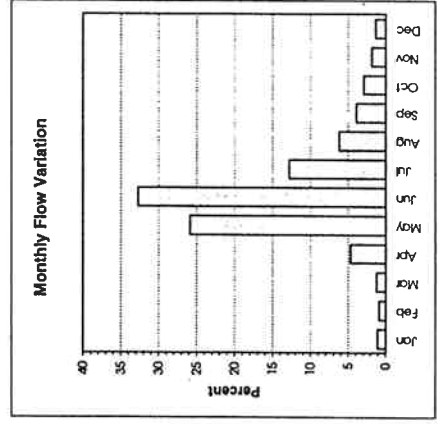
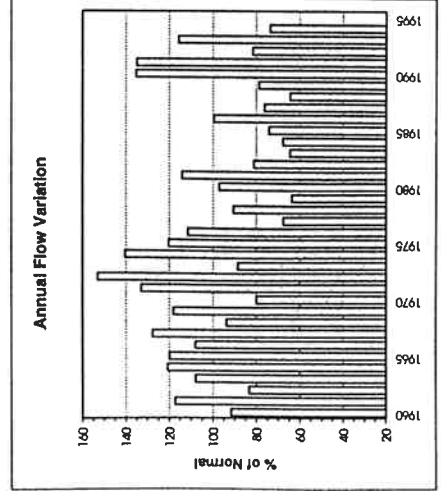
FORDING RIVER BELOW CLODE CREEK 8NK021

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												7-Day Low Flow
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1960	0.17	0.18	0.16	0.38	4.23	8.09	2.26	0.71	0.54	0.49	0.30	0.21	1.69
1961	0.21	0.18	0.21	0.54	9.53	11.10	3.47	1.56	0.86	0.80	0.55	0.33	2.16
1962	0.35	0.41	0.39	0.54	8.11	13.70	4.36	2.77	1.22	0.92	0.60	0.29	1.54
1963	0.39	0.31	0.26	0.51	4.84	7.52	2.59	0.95	0.96	0.54	0.41	0.31	1.99
1964	0.29	0.23	0.23	1.24	4.66	15.80	4.62	1.63	0.94	0.62	0.45	0.41	2.23
1965	0.35	0.29	0.29	0.56	3.94	10.75	5.38	1.77	1.25	0.89	0.66	0.50	2.21
1966	0.41	0.31	0.28	1.94	7.31	4.63	3.28	3.26	1.52	0.83	0.48	0.35	1.99
1967	0.29	0.27	0.35	1.49	3.36	3.94	1.21	1.38	1.24	0.77	0.40	0.27	2.35
1968	0.23	0.23	0.23	0.78	4.59	7.29	3.06	1.28	0.94	0.56	0.41	0.29	1.73
1969	0.15	0.15	0.23	0.43	4.82	4.82	1.52	0.80	0.53	0.31	0.21	0.17	2.18
1970	0.12	0.10	0.11	2.20	7.72	6.22	1.44	1.33	0.81	0.79	0.37	0.27	1.48
1971	0.26	0.17	0.29	0.90	7.55	7.17	5.26	1.73	0.78	0.51	0.30	0.20	1.48
1972	0.14	0.13	0.13	0.47	4.68	7.45	2.39	0.82	0.71	0.57	0.27	0.22	2.45
1973	0.17	0.15	0.20	0.96	4.32	4.11	2.21	0.81	0.14	0.33	0.35	0.14	2.82
1974	0.16	0.14	0.18	0.89	2.43	6.82	2.23	0.75	0.53	0.53	0.28	0.17	1.79
1975	0.15	0.12	0.23	1.02	5.90	3.99	1.27	0.86	0.33	0.77	0.43	0.29	2.11
1976	0.22	0.20	0.37	1.34	7.26	6.91	1.98	1.02	0.88	0.93	0.54	0.31	1.67
1977	0.18	0.22	0.32	1.89	6.90	2.62	1.94	1.18	0.59	0.40	0.33	0.18	1.18
1978	0.15	0.14	0.17	1.10	4.71	4.77	1.14	0.76	0.38	0.45	0.29	0.20	1.84
1979	0.17	0.17	0.19	0.96	4.44	5.94	2.01	1.10	0.55	0.52	0.39	0.39	1.46
1980	0.28	0.26	0.45	2.02	6.86	10.80	4.94	1.91	0.77	0.63	0.54	0.39	2.49
1981	0.29	0.26	0.44	1.65	7.88	10.10	5.29	1.75	0.85	0.56	0.40	0.31	2.49
1982	0.27	0.25	0.76	1.62	3.95	3.67	3.30	1.18	0.97	0.97	0.58	0.35	1.51
1983	0.32	0.27	2.36	6.13	5.61	5.49	2.36	1.98	1.04	1.04	0.63	0.51	2.13
1984	0.36	0.26	0.46	1.80	5.46	3.87	1.57	0.90	0.60	0.42	0.31	0.26	1.36
1985	0.21	0.20	0.31	0.63	4.48	13.10	4.45	1.36	0.79	D	0.31	0.26	1.69
1986	0.23	0.21	0.26	1.05	5.62	7.35	2.79	1.35	0.87	0.63	0.41	0.29	1.85
1987	0.22	0.22	0.32	1.89	6.90	2.62	1.94	1.18	0.59	0.40	0.33	0.18	1.41
1988	0.15	0.14	0.17	1.10	4.71	4.77	1.14	0.76	0.38	0.45	0.29	0.20	1.19
1989	0.17	0.17	0.19	0.96	4.44	5.94	2.01	1.10	0.55	0.52	0.39	0.39	1.46
1990	0.28	0.26	0.45	2.02	6.86	10.80	4.94	1.91	0.77	0.63	0.54	0.39	2.49
1991	0.29	0.26	0.44	1.65	7.88	10.10	5.29	1.75	0.85	0.56	0.40	0.31	2.49
1992	0.27	0.25	0.76	1.62	3.95	3.67	3.30	1.18	0.97	0.97	0.58	0.35	1.51
1993	0.32	0.27	2.36	6.13	5.61	5.49	2.36	1.98	1.04	1.04	0.63	0.51	2.13
1994	0.36	0.26	0.46	1.80	5.46	3.87	1.57	0.90	0.60	0.42	0.31	0.26	1.36
1995	0.21	0.20	0.31	0.63	4.48	13.10	4.45	1.36	0.79	D	0.31	0.26	1.69
Normal	0.23	0.21	0.26	1.05	5.62	7.35	2.79	1.35	0.87	0.63	0.41	0.29	1.85
mm	6	5	7	26	143	182	71	34	22	16	10	7	555
Instantaneous Peak Flow													22.3
date													10-Year
Mean													37.6
Dec													0.411
Nov													0.113
Oct													0.168
Sep													0.702
Aug													0.411
Jul													0.113
Jun													0.168
May													0.702
Apr													0.411
Mar													0.113
Feb													0.168
Jan													0.702
Annual													37.6
Year													0.411
1960													0.113
1961													0.168
1962													0.702
1963													0.411
1964													0.113
1965													0.168
1966													0.702
1967													0.411
1968													0.113
1969													0.168
1970													0.702
1971													0.411
1972													0.113
1973													0.168
1974													0.702
1975													0.411
1976													0.113
1977													0.168
1978													0.702
1979													0.411
1980													0.113
1981													0.168
1982													0.702
1983													0.411
1984													0.113
1985													0.168
1986													0.702
1987													0.411
1988													0.113
1989													0.168
1990													0.702
1991													0.411
1992													0.113
1993													0.168
1994													0.702
1995													0.411

Median Elevation = 2120 m

105 km<sup>2</sup>

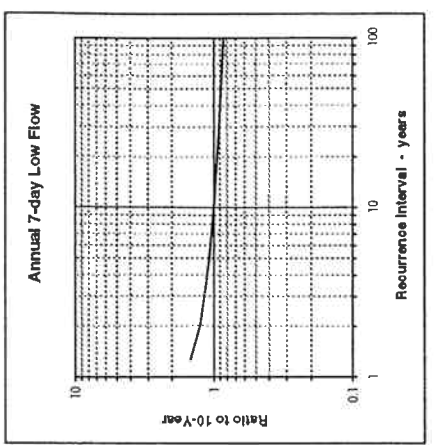
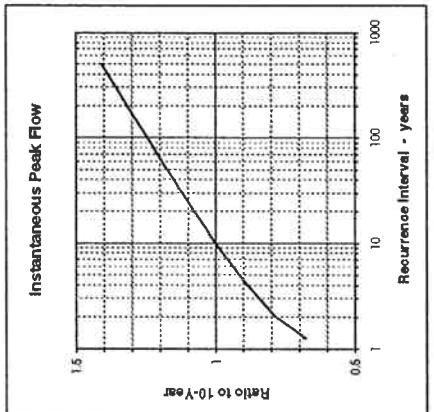
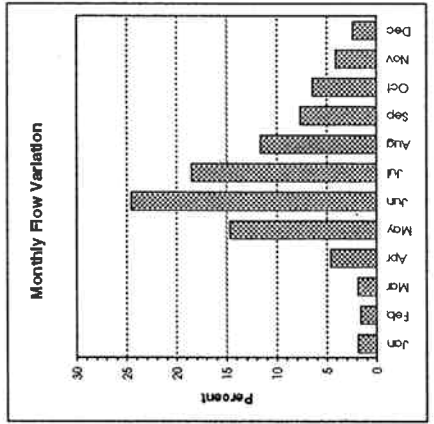
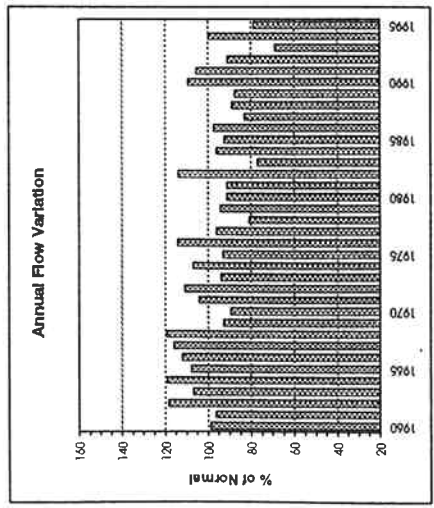
Drainage Area =





**FRASER RIVER AT HANSARD 8KA004**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												18000 km <sup>2</sup>			Median Elevation = 1444 m				Instantaneous Peak Flow		7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual							
1960	102	86	113	266	572	970	1370	557	532	529	285	166	464	Jun 30	2091	331	85.1	1960						
1961	128	118	99	247	889	1370	635	471	453	584	304	125	453	Jun 07	2180	313	88.7	1961						
1962	97	167	106	404	743	1390	1290	883	469	440	408	246	556	Jun 30	2099	380	81.6	1962						
1963	165	199	169	335	699	1410	1060	678	542	412	197	147	502	Jun 21	1920	409	137	1963						
1964	124	113	87	183	740	1880	1230	828	589	558	270	117	559	Jun 14	2280	304	86.7	1964						
1965	112	104	119	255	817	1450	1130	735	358	306	306	155	506	Jun 13	2021	259	94.8	1965						
1966	112	97	105	435	958	1340	1150	813	462	439	253	129	527	Jun 19	1939	409	84.3	1966						
1967	100	93	97	203	855	2030	1170	668	443	356	324	177	544	Jun 23	2399	360	87.6	1967						
1968	145	198	274	255	930	1460	1420	673	368	320	230	120	561	Jun 28	2150	453	93.0	1968						
1969	75	67	97	437	703	1190	680	720	485	226	226	134	435	Jun 06	1589	436	64.0	1969						
1970	91	85	100	169	703	1620	845	522	277	287	142	96	420	Jun 05	2471	247	80.2	1970						
1971	97	97	83	312	999	1380	1010	663	459	350	259	147	490	Jun 16	1940	385	74.1	1971						
1972	93	74	71	204	1050	2100	1050	627	284	349	205	103	521	Jun 14	3170	203	55.3	1972						
1973	88	84	88	157	868	1320	887	535	358	514	235	128	441	Jun 26	2190	247	82.1	1973						
1974	61	80	79	296	801	1530	1390	696	402	403	155	106	502	Jun 24	2360	280	54.0	1974						
1975	92	80	73	125	571	1220	1210	652	409	312	335	134	436	Jul 08	1690	288	70.8	1975						
1976	99	90	81	159	1020	1150	1340	1040	658	389	207	169	536	Jun 21	2040	431	79.4	1976						
1977	145	118	104	381	743	1270	1060	699	406	254	139	83	452	Jun 09	1900	322	72.8	1977						
1978	79	74	75	212	494	969	843	540	487	399	246	123	462	Jun 05	1430	380	70.4	1978						
1979	88	70	116	199	855	1450	1140	533	363	258	127	91	443	Jun 07	2450	300	64.8	1979						
1980	73	60	65	375	962	946	716	492	519	389	218	318	429	Jun 19	1540	405	58.0	1980						
1981	238	176	158	237	955	1020	847	577	334	181	274	124	428	May 27	1970	215	108	1981						
1982	85	73	67	94	807	1750	1320	861	732	333	178	97	535	Jun 22	2190	448	63.5	1982						
1983	82	84	104	198	539	1010	841	497	362	241	291	86	362	Jun 01	1440	280	75.4	1983						
1984	96	89	88	226	383	1210	1230	668	692	492	131	101	451	Jul 07	1910	486	81.2	1984						
1985	89	81	82	226	994	1290	998	472	411	368	173	105	434	May 26	2190	311	77.5	1985						
1986	100	98	159	293	713	1760	988	532	322	265	164	86	458	Jun 02	2630	203	79.5	1986						
1987	100	98	166	228	835	1210	717	535	260	187	221	116	391	Jun 14	1870	221	90.4	1987						
1988	68	64	90	466	990	1150	714	525	316	257	230	128	417	May 15	1840	192	58.2	1988						
1989	84	72	75	164	741	1300	795	609	293	238	351	193	411	Jun 16	1800	253	69.3	1989						
1990	143	94	93	413	937	1930	1110	566	302	230	203	133	514	Jun 02	2810	264	89.4	1990						
1991	100	180	120	344	925	1280	1210	765	512	271	117	92	495	May 19	1710	289	85.3	1991						
1992	109	110	216	368	765	1280	575	395	452	478	266	111	427	Jun 15	1700	255	85.4	1992						
1993	78	76	112	232	968	734	479	324	264	170	187	112	324	May 16	1900	174	72.1	1993						
1994	116	107	177	526	1070	1220	1040	507	294	277	150	107	468	Jul 04	1620	279	93.8	1994						
1995	91	87	103	232	669	1010	718	658	328	271	145	121	371	Jun 07	1380	231	78.8	1995						
Normal	105	100	106	263	813	1404	1024	644	439	356	233	134	470	Average	2022	312	79.8	m <sup>3</sup> /s						
	16	14	16	38	121	202	152	96	63	53	34	20	824	10-Year	2542	213	61.8	m <sup>3</sup> /s						





**FRASER RIVER AT MCBRIDE 8KA005**

14

Monthly and Annual Discharge in m<sup>3</sup>/s

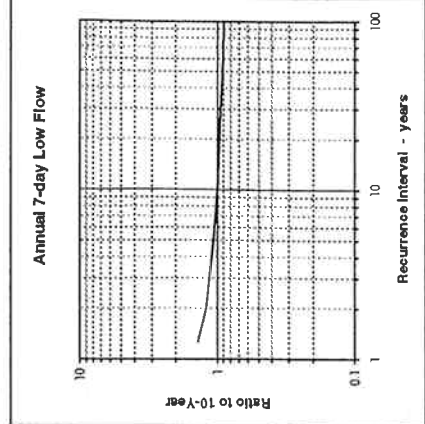
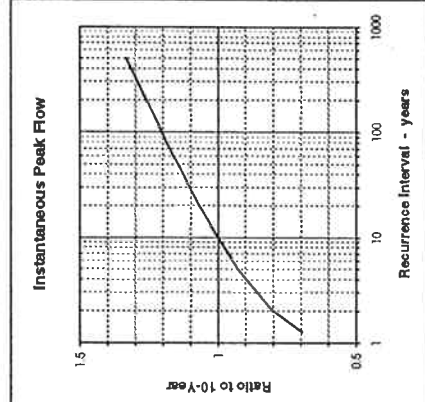
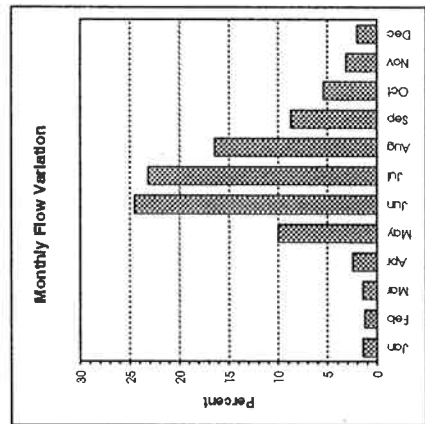
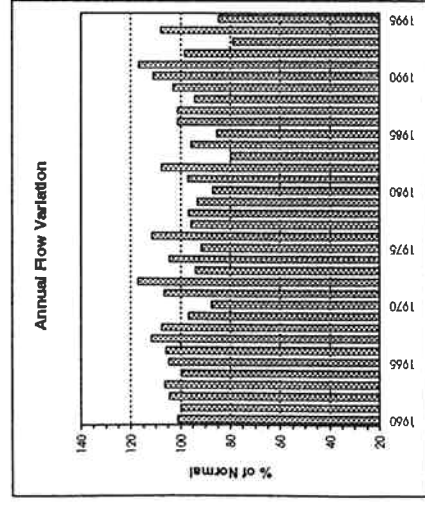
6,890 km<sup>2</sup>

Median Elevation = 1823 m

Instantaneous Peak Flow

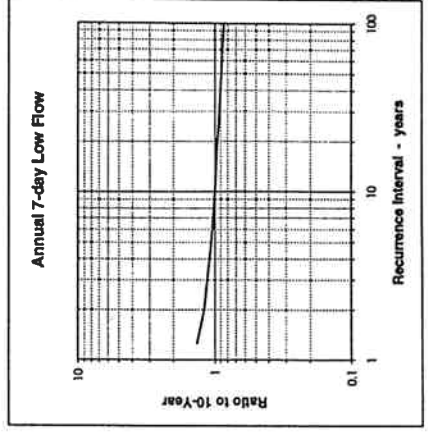
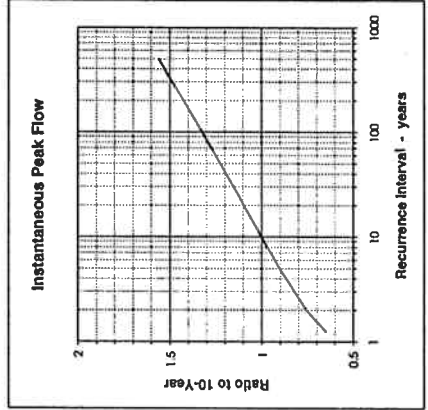
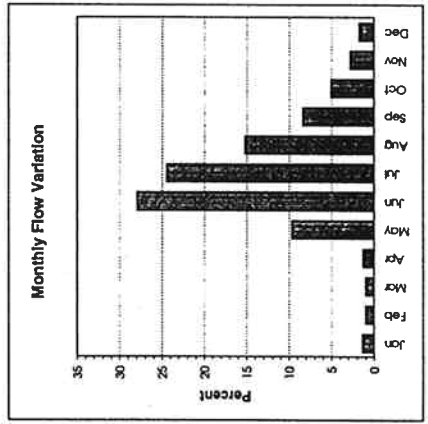
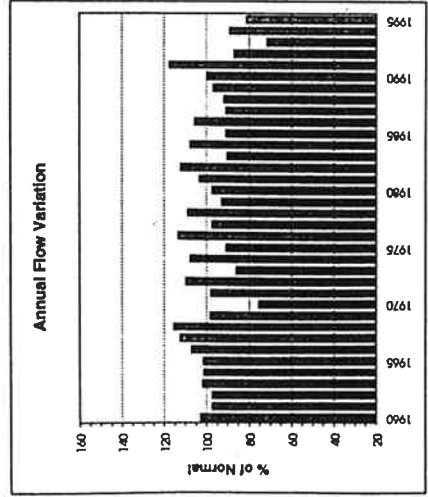
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year
1960	32.6	26.1	24.3	51.0	142	449	750	393	206	172	99.7	46.6	200	Jul 06	1028	183	22.8	1960
1961	39.1	41.3	38.8	49.6	295	652	396	344	183	171	88.6	56.2	198	Jun 07	1028	183	38.8	1961
1962	39.1	55.1	30.5	75.8	218	564	428	428	189	115	107.0	67.6	207	Jun 28	833	157	28.9	1962
1963	31.8	49.7	48.6	75.9	221	606	520	425	259	129	102.0	50.2	211	Jun 20	897	198	27.8	1963
1964	38.5	41.3	36.8	45.2	137	677	402	318	190	164	84.7	28.4	197	Jul 09	1099	121	23.2	1964
1965	31.6	30.6	36.4	63.1	203	573	586	464	168	163	105.0	49.8	207	Jul 08	916	123	26.5	1965
1966	43.2	32.0	28.9	65.9	268	503	608	421	229	156	93.4	52.1	210	Jul 10	922	206	25.8	1966
1967	39.3	33.8	32.3	44.9	183	800	608	412	263	128	64.6	37.7	221	Jun 22	1079	208	30.0	1967
1968	44.4	49.6	51.2	42.6	249	571	676	368	262	124	72.2	39.4	213	Jul 12	1059	199	31.9	1968
1969	26.6	22.4	28.4	69.2	271	603	386	430	207	118	78.7	50.8	192	Jun 10	1075	171	21.3	1969
1970	35.2	30.0	30.9	35.8	152	678	473	330	140	88	49.1	29.2	173	Jun 05	937	95.0	26.7	1970
1971	24.6	25.3	23.6	61.5	316	615	513	454	247	135	76.5	30.0	211	Jun 08	833	163	19.5	1971
1972	22.2	28.5	40.5	59.7	338	918	580	403	166	121	58.6	46.9	232	Jun 12	1415	104	21.2	1972
1973	37.0	29.6	28.0	47.2	246	545	499	344	191	144	62.7	49.3	186	Jun 24	1038	129	25.7	1973
1974	33.9	32.0	30.6	69.7	182	614	624	404	226	137	64.9	52.4	207	Jun 23	1089	166	28.7	1974
1975	37.0	27.8	25.0	33.4	149	455	667	314	189	111	100.0	55.7	181	Jul 12	998	152	24.8	1975
1976	42.6	34.6	30.0	63.1	285	417	659	555	308	140	60.9	40.0	221	Aug 17	821	230	29.3	1976
1977	33.3	31.8	33.6	74.6	210	550	535	432	179	92	54.7	35.5	189	Jun 08	856	133	31.4	1977
1978	30.6	26.5	29.2	55.8	158	517	564	342	273	169	73.6	48.5	192	Jun 30	767	185	25.3	1978
1979	34.3	27.6	29.8	47.1	179	534	576	352	223	111	50.4	35.7	184	Jul 01	830	175	21.2	1979
1980	27.0	22.5	22.2	80.9	331	450	359	267	198	156	73.9	70.3	172	Jun 18	694	169	21.1	1980
1981	55.9	46.5	44.1	57.0	335	390	508	418	220	78	85.4	50.9	192	May 26	808	109	41.2	1981
1982	27.7	24.0	24.6	35.7	168	733	627	401	291	120	59.2	36.5	213	Jun 22	1130	183	22.1	1982
1983	29.6	28.2	31.2	43.6	169	402	423	322	178	106	105.0	44.2	158	Jun 01	645	130	27.7	1983
1984	34.2	29.9	29.5	46.6	85	515	590	397	259	193	54.9	35.8	190	Jun 30	1004	182	27.3	1984
1985	29.3	25.5	26.1	56.4	291	491	491	277	153	101	62.2	36.1	169	May 25	748	127	23.8	1985
1986	27.4	24.2	45.5	56.0	239	746	533	335	179	99	64.8	48.3	201	Jun 02	1150	97.7	22.9	1986
1987	33.3	25.7	49.7	68.4	302	669	494	354	178	98	75.0	46.5	200	Jun 13	1038	155	25.1	1987
1988	23.1	22.1	26.6	120.0	300	554	421	334	191	121	76.3	45.5	187	Jun 19	762	101	19.6	1988
1989	31.2	28.4	25.9	58.0	266	662	501	431	177	105	88.3	62.1	204	Jun 15	1010	138	24.9	1989
1990	39.9	30.3	31.6	73.6	282	731	615	390	197	95	78.9	59.6	220	Jun 24	1070	177	29.1	1990
1991	33.5	32.0	29.4	74.2	303	583	669	515	263	132	72.3	55.9	232	Jul 04	941	166	28.3	1991
1992	38.4	30.4	42.4	93.6	292	673	387	294	171	179	91.2	43.3	195	Jun 14	887	119	28.2	1992
1993	30.8	27.7	32.8	53.2	402	392	283	311	168	81	49.4	35.7	156	May 15	801	99.8	24.8	1993
1994	31.2	25.1	34.0	102.0	359	590	590	369	203	154	50.8	43.7	214	Jul 02	861	167	22.8	1994
1995	32.6	29.4	29.2	44.2	218	538	466	303	147	89	61.4	44.6	168	Jun 06	696	111	26.2	1995
Normal	34.1	31.9	33.0	59.2	234	591	541	382	210	126	75.7	46.4	198	Average	929	151	26.4	m <sup>3</sup> /s
	mm	13	11	13	22	222	210	149	79	49	28	18	906	10-Year	1140	106	21.5	m <sup>3</sup> /s



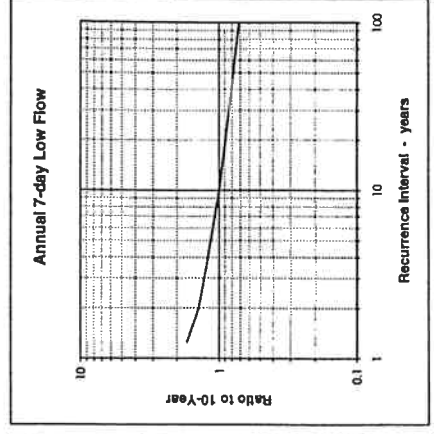
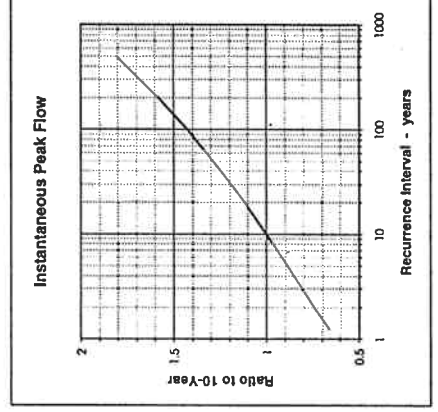
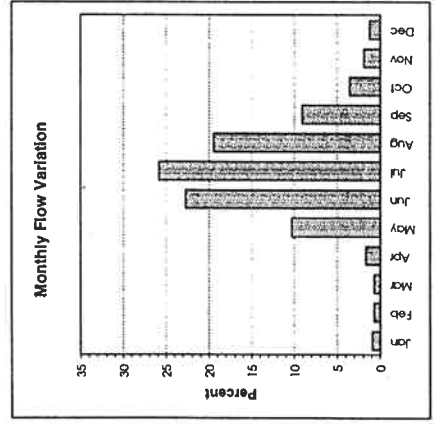
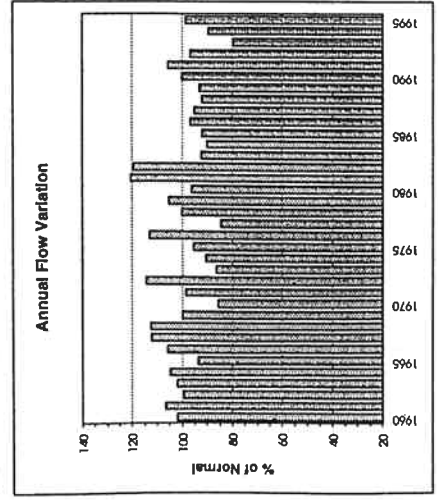
**FRASER RIVER AT RED PASS 8KA007**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												7-Day Low Flow	Instantaneous Peak Flow	m <sup>3</sup> /s	date	Mean	Dec	Nov	Oct	Sep	Aug	Jul	1730 km <sup>2</sup>	Medion Elevation = 1900 m	m <sup>3</sup> /s	Annual	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec																
1960	7.4	5.7	4.5	7.8	26.2	119.0	89.7	53.3	40.8	20.0	9.8	48.3	279	Jul 01	44.1	4.31	1960											
1961	8.2	7.1	6.2	6.8	72.4	189.0	66.4	35.7	38.5	15.7	8.8	45.8	288	Jun 07	20.8	6.05	1961											
1962	6.7	6.0	4.1	9.1	43.7	151.0	94.7	40.7	22.0	18.2	10.8	45.7	258	Jun 27	32.3	3.55	1962											
1963	8.0	7.8	6.4	8.5	49.4	163.0	83.2	53.1	30.8	14.7	10.1	47.9	251	Jun 20	36.4	5.08	1963											
1964	7.7	6.9	5.6	6.6	27.4	185.0	69.9	43.3	38.2	14.7	10.6	47.6	269	Jun 14	26.0	5.07	1964											
1965	7.7	6.5	5.3	6.7	38.1	157.0	98.1	35.3	33.1	21.9	10.9	47.7	243	Jul 08	26.3	4.73	1965											
1966	7.9	6.0	5.1	8.4	69.4	133.0	96.8	47.0	38.5	20.6	12.4	50.3	253	Jul 10	42.3	5.03	1966											
1967	9.7	7.8	6.9	6.7	32.5	216.0	86.6	57.3	31.9	16.4	10.8	52.9	279	Jun 22	48.3	6.52	1967											
1968	9.5	9.4	7.3	6.6	58.8	161.0	91.7	60.9	28.1	16.9	10.7	54.3	323	Jun 28	44.7	6.68	1968											
1969	8.1	6.3	5.8	9.3	68.7	175.0	92.6	42.7	25.6	15.7	9.9	46.2	244	Jun 06	39.0	5.65	1969											
1970	7.2	6.2	5.4	5.2	26.5	159.0	59.2	27.5	18.4	9.1	6.7	35.4	251	Jun 06	20.2	5.01	1970											
1971	5.3	5.2	4.4	5.7	70.0	161.0	81.2	51.2	27.8	12.3	8.3	46.1	234	Jun 09	35.6	4.18	1971											
1972	6.1	5.0	5.4	5.4	63.5	235.0	80.1	36.0	23.8	12.7	8.4	51.6	409	Jun 12	47.5	4.75	1972											
1973	7.0	5.6	5.1	5.7	50.0	138.0	70.0	30.3	28.2	16.8	9.9	40.3	279	Jun 25	22.1	4.87	1973											
1974	7.7	6.3	5.2	7.2	35.7	171.0	96.8	51.5	29.4	15.4	10.0	50.6	343	Jun 24	33.7	4.93	1974											
1975	7.0	4.9	4.2	4.2	32.6	121.0	71.7	42.4	26.4	29.5	13.6	42.7	237	Jun 09	32.6	3.78	1975											
1976	9.0	6.4	4.8	8.5	69.9	168.0	128.0	71.1	35.9	14.9	10.7	53.3	215	Jul 10	49.4	4.59	1976											
1977	6.8	5.7	4.9	8.4	52.4	143.0	93.3	53.4	21.9	12.6	8.4	45.7	213	Jun 22	38.9	4.56	1977											
1978	6.1	5.2	4.7	6.7	41.5	140.0	77.9	96.2	52.1	19.6	11.3	51.2	205	Jun 06	55.7	4.48	1978											
1979	7.2	6.1	5.6	5.4	34.7	149.0	80.1	48.6	22.7	9.8	7.4	43.7	220	Jun 06	39.4	5.16	1979											
1980	6.2	5.1	4.5	11.4	98.6	132.0	94.7	53.4	42.4	14.9	14.2	45.7	181	Jun 18	45.9	4.11	1980											
1981	11.8	7.6	6.4	7.9	86.1	120.0	139.0	54.8	17.5	19.1	9.5	48.6	210	May 27	29.2	5.89	1981											
1982	6.9	5.6	5.2	5.0	37.0	202.0	91.6	67.3	30.7	13.4	8.7	52.8	304	Jun 23	43.0	4.87	1982											
1983	6.6	5.5	5.4	6.5	46.1	132.0	80.0	41.2	22.7	24.2	9.4	42.4	212	Jun 01	29.2	4.61	1983											
1984	7.8	6.6	5.7	7.7	19.0	158.0	100.0	73.1	17.0	13.1	9.4	50.6	387	Jun 30	49.9	5.61	1984											
1985	7.3	5.9	5.4	7.3	76.8	138.0	62.4	34.0	17.0	9.8	6.9	42.7	206	Jul 03	26.1	5.12	1985											
1986	6.9	5.5	5.5	7.0	50.4	214.0	85.2	40.3	17.8	11.3	8.3	49.7	346	Jun 03	17.7	5.09	1986											
1987	6.7	5.4	7.2	10.3	75.8	144.0	83.2	41.9	16.8	10.7	6.9	42.7	215	Jun 12	28.7	4.84	1987											
1988	5.1	5.2	4.9	12.3	72.2	153.0	76.6	38.8	23.1	13.3	8.6	43.1	206	Jun 28	19.1	4.57	1988											
1989	6.8	6.1	5.0	7.1	66.4	169.0	86.6	35.0	22.0	16.9	11.0	45.5	258	Jun 15	29.7	4.76	1989											
1990	8.6	6.9	6.0	11.1	55.9	173.0	72.8	39.3	20.8	15.5	9.6	46.9	263	Jun 25	32.9	5.65	1990											
1991	7.5	7.3	5.8	10.8	74.1	158.0	114.0	54.1	22.4	13.5	10.0	55.2	255	Jun 04	33.0	5.58	1991											
1992	7.7	6.5	6.5	14.3	65.3	163.0	49.0	32.5	38.1	19.2	9.2	40.8	222	Jun 14	26.8	5.75	1992											
1993	6.7	5.4	5.0	6.0	93.4	95.6	61.1	34.5	15.5	9.1	7.2	33.6	195	May 16	20.0	4.64	1993											
1994	6.2	5.1	5.1	12.4	80.3	129.3	63.2	34.6	25.1	11.0	8.3	41.8	181	Jul 02	31.8	4.80	1994											
1995	5.8	5.1	4.5	5.7	49.2	139.0	67.4	35.7	19.2	12.3	9.7	38.0	186	Jun 06	24.5	4.37	1995											
Normal	7.4	6.2	5.4	7.5	53.7	160.1	84.2	48.1	28.0	15.9	9.7	47.0	255	Average	33.2	5.00	m <sup>3</sup> /s											
	12	9	8	11	83	240	130	72	43	24	15	85.7	328	10-Year	21.6	4.15	m <sup>3</sup> /s											



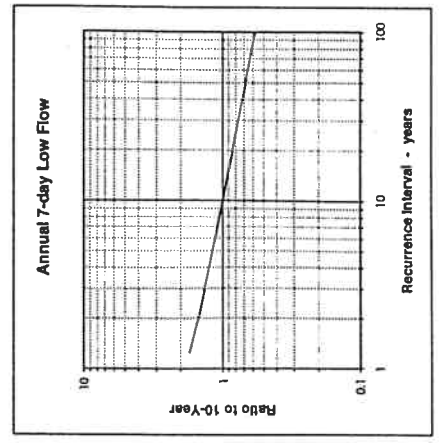
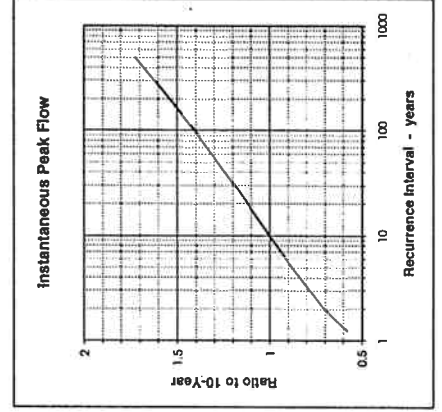
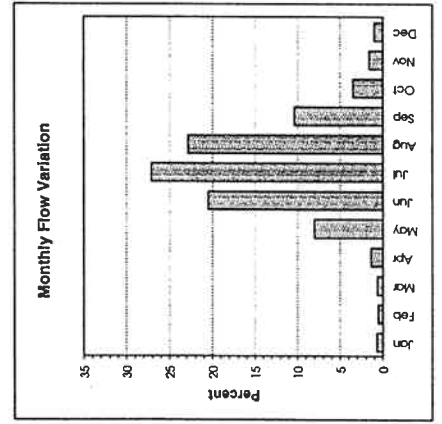
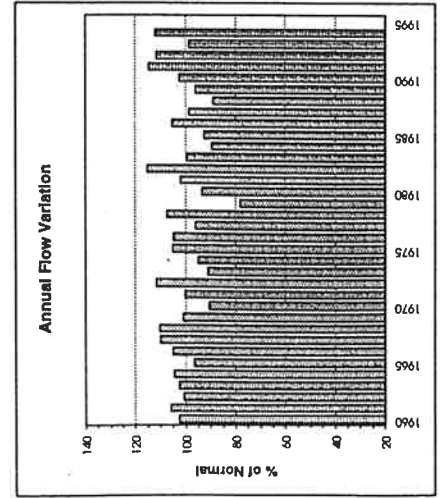
**GOLD RIVER ABOVE PALMER CREEK 8NB014**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												7-Day Low Flow	Instantaneous Peak Flow	m <sup>3</sup> /s	Annual	Year	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						Mean
1960	1.90	1.61	1.08	2.46	21.50	45.40	48.30	37.80	17.30	6.98	4.77	2.21	18.9	Jun 24	106	9.41	0.914	1960
1961	1.70	1.14	1.17	3.82	14.70	58.30	46.10	40.40	21.40	8.21	2.87	1.42	19.8	Jun 22	125	15.7	0.998	1961
1962	1.31	0.90	0.91	1.96	15.50	47.30	75.40	33.90	16.50	8.32	7.01	2.38	18.5	Jul 13	146	11.8	0.929	1962
1963	1.16	0.92	0.75	2.89	24.80	34.80	70.80	63.70	33.90	9.44	4.28	3.21	18.9	Sep 05	124	17.1	0.721	1963
1964	2.25	2.00	1.86	4.50	18.60	50.30	40.00	45.00	12.40	4.72	3.32	2.43	17.4	Jun 07	115	7.43	1.48	1964
1965	1.82	1.32	1.14	3.20	16.90	51.90	62.00	28.80	28.80	10.60	5.36	2.87	19.6	Sep 04	108	13.3	0.856	1965
1966	2.08	1.89	1.76	2.77	15.50	49.90	63.40	46.40	33.00	9.45	3.65	3.63	20.9	Jul 08	109	18.9	1.169	1966
1967	2.37	1.90	1.96	8.86	38.90	46.80	48.70	27.90	16.80	9.47	4.48	5.49	18.6	Jun 16	102	11.0	1.26	1967
1968	2.92	1.63	2.15	3.85	40.10	40.80	70.90	62.90	26.50	6.67	5.08	2.67	15.9	Jul 04	117	10.1	1.19	1968
1969	2.14	1.86	1.62	1.96	14.70	82.90	67.20	46.80	30.40	10.00	3.95	1.72	18.3	Jun 21	144	16.9	1.33	1969
1970	1.62	1.67	1.61	4.15	26.00	46.30	51.60	44.10	14.80	5.60	5.18	1.81	21.2	Jun 12	210	17.2	1.33	1970
1971	2.02	1.77	1.73	3.34	7.84	49.10	58.10	45.30	17.90	7.42	3.22	2.15	18.8	Jun 29	134	9.05	1.61	1971
1972	1.74	1.47	1.34	2.93	31.80	43.90	61.20	34.30	12.30	6.45	3.39	2.67	21.2	Jul 10	105	7.08	1.30	1972
1973	2.15	2.00	2.08	3.34	26.70	65.60	46.60	40.00	13.80	6.87	3.26	2.35	18.6	May 30	149	6.16	1.58	1973
1974	1.75	1.59	1.77	4.30	31.00	58.10	49.90	29.10	21.20	6.10	3.70	2.53	18.0	Jun 16	110	12.8	1.36	1974
1975	1.79	1.70	1.87	5.14	17.90	43.70	44.00	51.50	20.10	9.46	4.46	2.76	17.1	Aug 26	127	7.39	1.07	1975
1976	2.46	1.75	1.53	3.64	20.90	58.90	52.50	38.10	13.10	6.47	4.62	2.83	18.9	Jun 14	107	8.73	1.40	1976
1977	1.96	1.63	1.55	5.83	21.40	50.30	60.10	43.60	20.50	6.68	5.47	2.77	18.6	Jul 11	99	16.3	1.13	1977
1978	2.44	2.23	1.94	4.67	25.90	44.10	63.30	53.30	19.30	9.19	3.92	3.04	19.6	Aug 10	140	13.2	1.90	1978
1979	2.43	1.69	2.06	6.98	28.40	63.80	43.70	32.50	17.00	10.40	4.07	2.35	18.0	Jul 13	102	9.37	1.39	1979
1980	2.02	1.60	1.59	3.00	34.80	38.50	32.60	34.20	16.00	6.98	2.74	1.96	14.8	Jun 01	91	8.03	1.34	1980
1981	1.97	1.71	1.81	2.74	27.40	42.00	55.00	32.70	17.20	6.14	2.99	2.34	16.6	Jun 01	100	12.7	1.26	1981
1982	1.77	1.75	1.93	2.90	22.30	57.50	53.80	38.70	22.60	8.42	4.62	2.58	18.3	Jul 03	138	13.96	1.40	1982
Normal	1.95	1.60	1.55	3.83	22.49	51.35	56.49	42.61	20.59	7.72	4.34	2.66	18.6	Average	122	11.51	1.28	m <sup>3</sup> /s
	12	9	10	23	141	312	355	268	125	49	26	17	1376	10-Year	153	7.15	0.893	m <sup>3</sup> /s



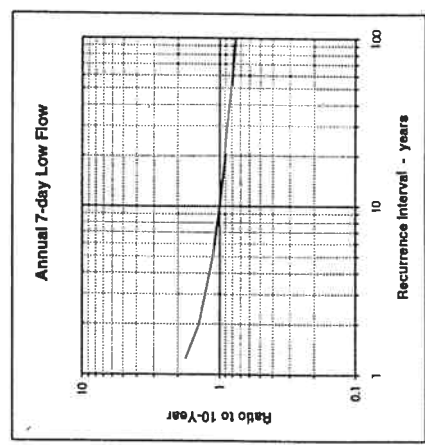
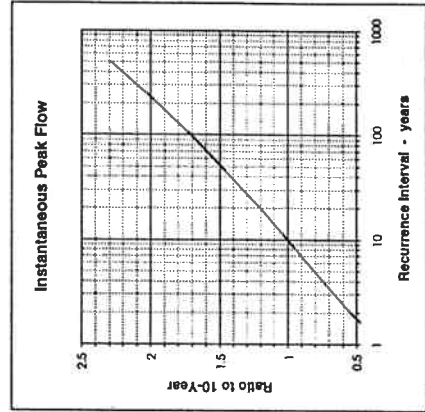
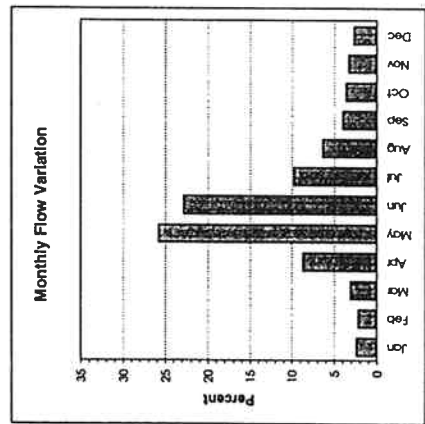
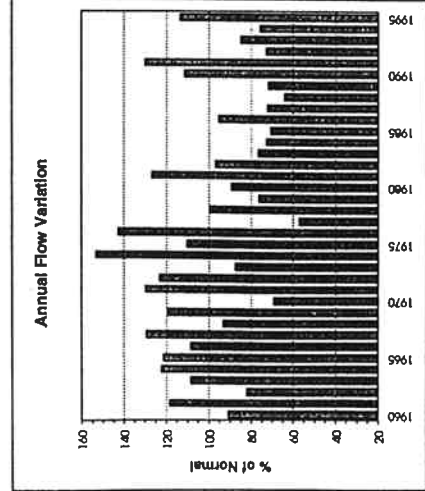
**GOLD RIVER ABOVE BACHELOR CREEK 8NB013**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date
1960	0.60	0.47	0.49	1.43	4.00	20.00	18.60	18.50	9.47	2.76	0.96	0.54	7.03	Jun 20	51.3	0.410
1961	0.49	0.37	0.56	0.58	4.48	17.80	28.80	15.60	8.53	4.95	2.50	1.10	7.26	Jul 10	82.8	0.336
1962	0.52	0.40	0.29	0.93	6.82	12.60	27.20	20.80	11.20	3.13	1.17	0.76	6.90	Jul 06	47.6	0.269
1963	0.55	0.43	0.39	0.98	4.77	19.10	22.10	21.90	4.92	1.76	1.04	0.55	7.02	Jun 19	47.6	0.287
1964	0.50	0.49	0.54	1.28	5.15	15.20	27.10	18.50	12.50	3.57	1.83	1.07	6.62	Sep 04	52.4	0.369
1965	0.64	0.58	0.56	0.81	4.95	13.80	16.20	12.10	9.84	2.30	1.18	1.02	7.55	Jul 09	36.1	0.538
1966	0.60	0.48	0.36	2.29	11.80	14.90	20.20	12.00	7.23	3.55	1.49	1.66	7.56	Jul 22	49.6	0.155
1967	1.06	0.56	0.51	0.94	10.90	10.80	22.60	24.70	7.16	1.62	1.53	0.65	6.92	Aug 12	43.2	1.88
1968	0.42	0.39	0.42	3.71	3.71	24.60	23.60	20.70	14.70	3.82	1.22	0.50	6.86	Jun 20	45.5	0.317
1969	0.48	0.53	0.52	0.97	7.81	16.00	21.50	22.30	7.03	1.82	1.51	0.69	7.64	Jul 12	86.8	3.02
1970	0.66	0.40	0.45	0.88	2.19	16.60	20.30	19.10	7.91	3.21	1.02	0.66	6.25	Jun 29	46.2	4.03
1971	0.55	0.40	0.38	0.96	7.44	17.00	23.70	15.20	6.09	2.06	1.12	0.80	7.02	Jul 10	37.5	2.98
1972	0.50	0.47	0.55	0.94	7.15	23.40	18.90	22.10	8.13	2.44	0.95	0.64	6.86	May 30	60.8	2.75
1973	0.55	0.50	0.52	1.11	8.46	18.70	22.50	13.50	10.80	2.44	1.00	0.61	6.25	Jun 16	41.6	3.09
1974	0.47	0.45	0.48	1.88	6.55	14.30	14.50	20.20	7.76	4.14	1.51	0.81	7.02	Aug 26	68.5	0.348
1975	0.63	0.50	0.42	1.19	7.65	20.00	20.70	17.00	6.20	2.30	1.25	0.68	6.59	Jul 15	40.8	0.403
1976	0.48	0.46	0.47	1.42	6.59	16.80	24.40	20.30	8.05	2.31	1.68	0.83	7.04	Aug 22	50.5	0.349
1977	0.65	0.63	0.55	1.56	8.54	14.90	24.70	25.30	10.10	4.46	1.28	0.94	7.87	Aug 10	72.6	6.93
1978	0.70	0.43	0.54	1.87	9.15	26.30	19.00	18.80	7.60	4.88	1.59	0.79	7.66	Jul 13	66.3	3.55
1979	0.56	0.45	0.47	0.77	13.10	16.70	16.60	18.10	8.76	3.25	0.96	0.77	6.76	Aug 06	68.7	3.43
1980	0.67	0.58	0.58	2.27	9.30	16.60	26.70	19.70	10.70	2.93	0.95	0.68	7.70	Jul 01	50.9	0.422
1981	0.50	0.46	0.45	D												0.387
Normal	0.57	0.46	0.46	1.12	6.50	17.15	21.94	18.50	8.68	2.83	1.35	0.80	6.86	Average	54.6	4.73
mm	11	8	9	21	129	329	435	367	167	56	26	16	1603	10-Year	73.8	2.59



**GRAVE CREEK AT THE MOUTH 8NK019**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 75.8 km <sup>2</sup>	Median Elevation = 1730 m					Mean	date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Annual	Jun-Sep	Annual								
1960	0.27	0.28	0.28	0.32	2.53	2.18	1.22	0.91	0.42	0.36	0.33	0.25	1.03	Jun 04	5.88	0.354	0.211	1960						
1961	0.27	0.23	0.31	1.57	6.01	4.48	2.21	0.59	0.49	0.48	0.49	0.44	1.34	May 12	9.12	0.445	0.215	1961						
1962	0.36	0.39	0.69	0.83	5.04	4.51	1.70	0.99	0.73	0.68	0.48	0.34	0.93	Jun 02	10.00	0.693	0.149	1962						
1963	0.37	0.41	0.50	1.00	3.47	3.03	0.97	0.56	0.43	0.68	0.40	0.32	1.23	May 15	6.25	0.413	0.252	1963						
1964	0.49	0.31	0.38	2.34	4.50	7.37	2.57	0.90	0.65	0.51	0.43	0.37	1.39	Jun 17	12.97	0.567	0.169	1964						
1965	0.31	0.33	0.37	0.84	3.04	4.56	1.83	0.95	0.76	0.65	0.68	0.63	1.23	Jun 06	7.20	0.665	0.256	1965						
1966	0.55	0.46	0.45	1.42	4.60	3.03	1.83	4.30	1.06	0.67	0.52	0.44	1.47	Aug 09	10.29	0.752	0.390	1966						
1967	0.35	0.35	0.37	1.01	1.75	1.18	0.58	0.52	0.54	0.44	0.35	0.29	1.06	May 11	2.80	0.466	0.222	1967						
1969	0.27	0.34	0.59	1.05	2.83	3.47	1.65	0.89	0.76	0.63	0.61	0.45	1.13	Jun 06	6.88	0.706	0.241	1978						
1971	0.35	0.45	0.57	0.80	2.78	2.31	0.87	0.62	0.51	0.44	0.32	0.37	0.87	May 27	6.71	0.463	0.306	1979						
1980	0.31	0.25	0.25	2.20	4.26	2.10	0.81	0.52	0.44	0.37	0.31	0.29	1.01	Apr 30	7.96	0.409	0.162	1980						
1981	0.33	0.36	0.56	1.36	4.94	4.00	2.11	1.15	0.78	0.69	0.50	0.38	1.44	May 25	9.12	0.729	0.266	1981						
1982	0.34	0.45	0.39	0.90	3.53	3.65	1.40	0.66	0.55	0.40	0.40	0.38	1.10	May 26	6.85	0.500	0.312	1982						
1983	0.35	0.35	0.35	0.95	2.85	2.38	1.07	0.50	0.43	0.37	0.42	0.29	0.87	May 29	5.81	0.407	0.281	1983						
1984	0.35	0.31	0.32	0.70	1.69	3.20	1.17	0.56	0.46	0.40	0.40	0.36	0.83	May 31	4.81	0.434	0.288	1984						
1985	0.31	0.25	0.28	1.05	2.85	1.85	0.64	0.46	0.48	0.50	0.54	0.37	0.80	May 22	4.82	0.398	0.223	1985						
1986	0.32	0.38	0.70	1.35	3.81	2.99	0.87	0.54	0.50	0.59	0.46	0.42	1.08	May 28	10.30	0.452	0.279	1986						
1987	0.34	0.31	0.50	1.54	3.58	1.27	0.67	0.45	0.34	0.29	0.26	0.22	0.82	May 09	6.41	0.310	0.174	1987						
1988	0.15	0.17	0.19	1.03	2.71	2.19	0.65	0.39	0.33	0.34	0.33	0.22	0.73	Jun 07	4.45	0.302	0.137	1988						
1989	0.23	0.22	0.25	1.16	2.64	2.22	0.80	0.48	0.45	0.42	0.54	0.35	0.81	May 09	4.64	0.397	0.171	1989						
1990	0.28	0.23	0.42	1.75	3.09	4.36	0.91	0.57	0.55	0.55	0.81	0.45	1.26	May 30	7.65	0.506	0.164	1990						
1991	0.43	0.51	0.50	1.66	4.89	4.78	2.30	0.81	0.57	0.45	0.40	0.35	1.47	May 19	10.60	0.520	0.288	1991						
1992	0.27	0.30	0.65	1.23	2.07	1.29	1.39	0.76	0.54	0.48	0.47	0.44	0.83	May 07	3.55	0.500	0.245	1992						
1993	0.26	0.25	0.25	0.54	2.49	2.28	2.14	1.08	0.75	0.59	0.44	0.42	0.96	Jun 02	5.24	0.700	0.174	1993						
1994	0.25	0.26	0.45	1.62	3.21	1.79	0.79	0.50	0.40	0.38	0.35	0.31	0.86	May 13	5.31	0.369	0.204	1994						
1995	0.34	0.27	0.38	0.83	3.40	5.82	1.56	0.76	0.52	0.52	0.61	0.41	1.29	Jun 07	24.10	0.457	0.239	1995						
Normal	0.33	0.33	0.42	1.20	3.45	3.16	1.30	0.85	0.56	0.49	0.46	0.36	1.13	Average	7.72	0.498	0.232	m <sup>3</sup> /s						
	12	11	15	41	122	108	46	30	19	17	16	13	472	10-Year	12.5	0.345	0.160	m <sup>3</sup> /s						



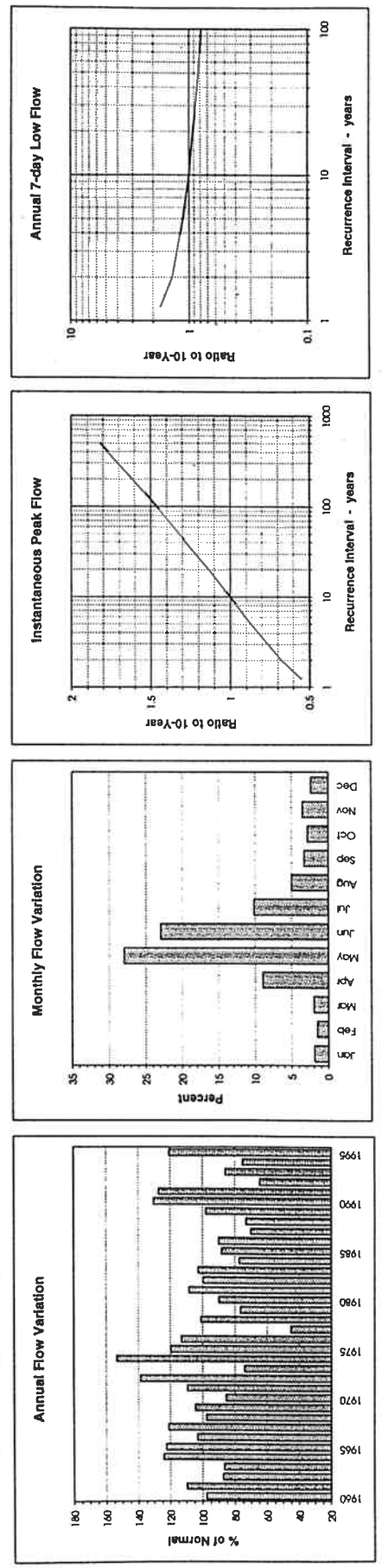
# HOWELL CREEK ABOVE CABIN CREEK 8NP003

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	Date	m <sup>3</sup> /s	Jun-Sep
1960	0.427	0.417	0.458	2.45	10.40	10.50	4.29	2.02	0.75	0.618	0.50	0.500	2.90	Jun 06	17.8	1.56	0.371	1960
1961	0.495	0.475	0.559	1.48	9.59	7.62	2.84	1.45	0.90	0.615	0.47	0.746	3.25	May 27	17.5	0.723	0.370	1961
1962	0.352	0.465	0.392	4.34	12.50	5.33	2.35	1.39	1.18	0.847	1.09	1.740	2.59	May 26	19.7	1.04	0.277	1962
1963	1.650	0.907	1.000	3.37	10.90	9.61	5.14	2.29	1.34	0.917	0.70	0.495	2.56	May 26	17.4	1.09	0.377	1963
1964	0.413	0.563	0.507	0.85	9.23	12.60	5.33	2.23	1.30	0.986	0.74	0.511	3.68	May 26	23.4	1.07	0.306	1964
1965	0.617	0.561	0.570	2.43	10.40	9.01	5.60	2.59	1.50	0.951	1.49	0.683	3.63	May 30	22.3	1.23	0.495	1965
1966	0.810	0.689	0.689	2.44	6.26	8.17	3.52	1.61	1.04	0.830	0.61	0.409	3.06	May 31	14.2	0.962	0.385	1966
1967	0.406	0.401	0.322	2.44	10.80	7.09	2.57	1.43	1.54	1.700	1.61	0.955	3.09	May 20	18.4	1.09	0.287	1967
1968	0.697	1.040	2.240	5.02	8.67	7.01	2.46	1.38	0.84	0.878	0.94	0.765	2.89	May 29	19.6	0.770	0.539	1968
1969	0.439	0.292	0.656	4.45	10.20	4.03	1.58	1.02	0.77	0.513	0.45	0.362	2.62	May 02	19.4	0.655	0.259	1969
1970	0.344	0.266	0.299	3.49	8.41	5.65	2.03	1.13	0.74	1.300	1.54	0.747	3.23	May 13	15.4	0.615	0.248	1970
1971	0.357	0.499	0.537	3.16	8.60	8.48	3.15	1.73	1.46	1.140	3.64	1.720	4.11	May 08	15.9	1.03	0.464	1971
1972	0.959	0.749	0.643	6.00	10.80	12.50	5.37	2.48	1.47	1.190	2.64	1.410	2.20	May 06	20.7	1.22	0.561	1972
1973	0.922	0.865	0.826	3.09	13.60	13.00	6.43	2.56	1.41	0.970	0.79	0.618	3.54	May 19	28.7	1.22	0.525	1973
1974	0.693	0.485	0.718	3.13	7.47	3.69	2.09	1.14	0.97	1.160	0.86	0.624	3.54	May 08	11.9	0.875	0.411	1974
1975	0.474	0.428	0.409	1.99	11.10	5.64	4.41	2.19	1.29	0.986	0.71	0.634	4.65	May 15	21.9	1.12	0.364	1975
1976	0.487	0.445	0.603	3.58	9.30	6.02	2.47	1.27	0.77	0.612	0.57	0.441	3.54	May 13	16.8	0.661	0.273	1976
1977	0.395	0.613	0.923	1.50	8.44	14.80	5.02	2.37	1.29	1.360	3.28	2.890	3.36	Jun 07	41.5	0.984	0.343	1977
1978	0.654	0.568	0.682	3.22	9.75	8.28	3.56	1.75	1.18	0.980	1.26	0.827	1.34	Average	20.1	0.995	0.382	1978
1979													3.00	10-Year	27.9	0.691	0.267	1979

Median Elevation = 1810 m

145 km<sup>2</sup>

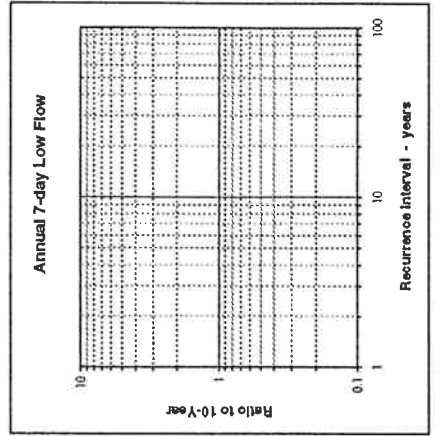
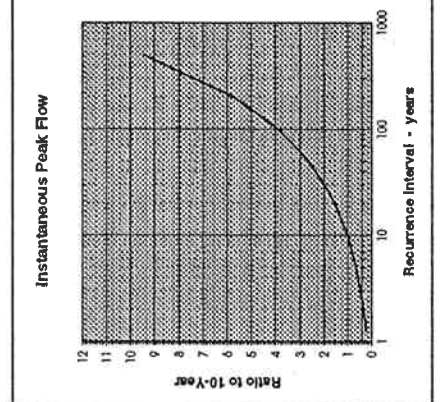
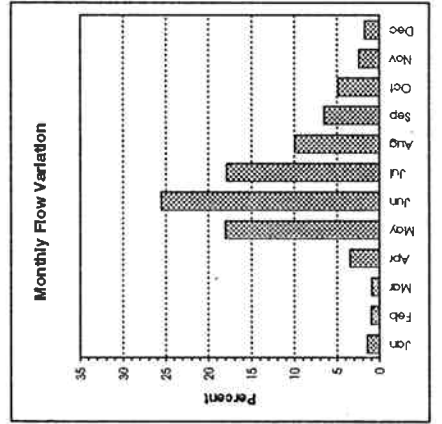
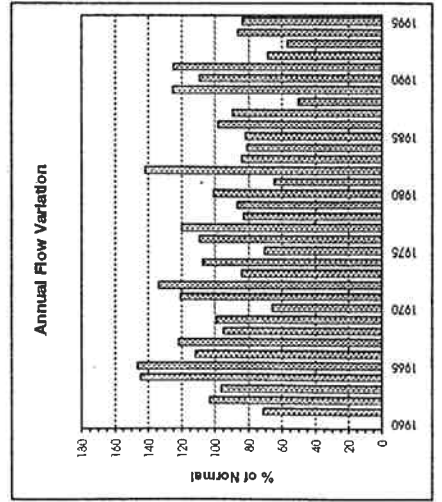
Drainage Area =



**KAKWA RIVER NEAR GRANDE PRAIRIE 7GB002**

station location: 54°22'20", 118°35'40"

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date
1960	6.28	4.36	4.00	11.5	47.3	94	94.3	23.5	15.1	11.2	14.9	7.77	27.9			11.3
1961	6.27	6.77	4.71	25.6	102.8	88	87.4	99.7	50.9	21.6	12.6	10.74	43.3	Jun 27	276	28.0
1962	8.80	7.70	4.04	24.4	126.0	122	99.6	52.9	48.4	47.8	13.1	11.33	47.4	May 06	368	35.8
1963	6.11	4.52	4.67	17.7	66.9	102	68.0	26.4	43.5	28.2	15.7	9.65	32.9	Jul 11	292	18.9
1964	6.80	5.09	4.87	11.7	89.6	155	79.1	22.8	13.3	11.7	6.9	4.67	34.4	May 27	317	11.4
1965	5.14	4.80	3.56	30.5	74.0	196	46.5	25.9	36.9	25.8	13.8	16.25	39.8	Jun 04	736	15.8
1966	8.60	4.51	5.42	17.4	100.0	67	44.8	25.6	11.2	8.1	8.9	4.19	25.6	May 26	226	9.22
1967	6.45	6.28	3.56	11.6	92.6	150	215.0	89.9	46.3	25.5	13.1	8.72	56.2	Jul 15	2700	34.1
1968	7.30	2.21	3.09	14.7	62.2	93	128.0	31.3	16.5	12.9	18.0	7.41	33.3	Jul 15	587	14.1
1969	5.78	5.08	5.07	15.2	43.0	117	53.9	20.1	47.8	53.9	11.4	6.05	32.0	Jun 07	192	13.8
1970	5.49	5.57	4.02	12.8	82.7	100	49.6	24.4	55.3	32.1	9.0	6.26	32.4	May 23	184	17.9
1971	5.93	4.35	5.21	11.3	98.6	145	108.0	21.8	17.1	27.3	10.4	7.66	38.8	May 29	356	11.2
1972	7.50	5.95	4.19	21.3	99.5	97	44.4	99.5	18.1	10.3	8.8	5.90	35.4	Aug 02	538	13.2
1973	3.61	3.59	3.55	16.4	61.8	72	34.9	14.6	8.6	10.2	6.1	4.49	20.0	May 13	137	6.95
1974	7.42	6.28	1.63	9.2	84.9	134	102.0	143.0	55.5	23.3	13.4	10.31	49.6	Aug 23	330	29.8
1975	7.10	5.97	4.06	14.2	110.0	234	74.7	20.3	15.8	12.1	12.1	8.41	43.3	Jun 12	1120	13.1
1976	5.91	5.92	3.92	41.3	177.0	153	85.6	52.6	32.2	14.4	10.0	8.35	49.4	May 10	477	16.7
1977	5.14	4.22	15.50	43.9	81.0	79	23.1	12.2	19.7	23.9	11.1	6.89	27.1	Jun 02	164	10.2
1978	4.83	4.09	3.70	12.8	74.2	49	52.6	24.9	17.4	12.4	6.4	5.85	22.5	May 14	203	13.4
1979	4.66	3.92	5.10	36.9	102.1	103	68.6	30.7	19.8	19.2	8.3	6.64	34.2	Jul 05	205	14.6
1980	5.84	4.80	3.34	15.9	98.9	118	52.6	48.3	18.2	13.0	8.5	7.83	33.1	Jun 21	325	13.5
Normal	6.54	5.19	4.10	16.6	83.9	123	83.1	46.4	31.3	22.6	11.8	8.11	39.5	Average	487	16.8
mm	5	4	3	13	68	97	67	38	25	18	9	7	378	10-Year	920	9.16



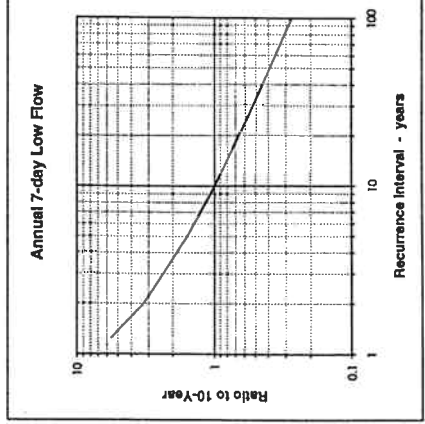
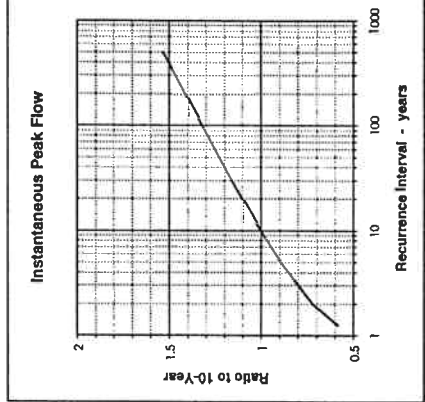
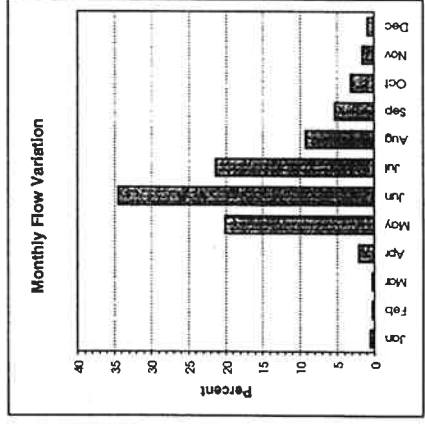
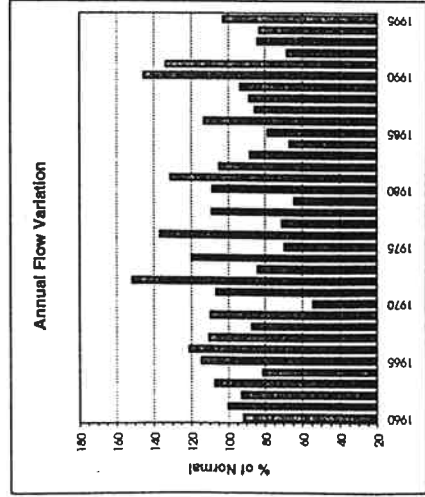






# KOOTENAY RIVER AT KOOTENAY CROSSING 8NF001

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 414 km <sup>2</sup>	Median Elevation = 1610 m	Instantaneous Peak Flow		7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s	Jun-Sep	
1960	0.40	0.27	0.32	2.52	7.87	19.40	14.40	4.38	2.71	1.56	0.72	0.55	4.59	Jul 01	27.2	2.17	0.076	1960	
1961	0.20	0.11	0.10	0.17	15.20	28.20	7.80	3.60	1.87	1.98	0.61	0.28	5.02	Jun 05	54.5	1.49	0.000	1961	
1962	0.20	0.03	0.00	1.36	9.17	19.20	13.50	6.27	2.99	1.46	1.01	0.49	4.66	Jun 18	28.8	2.32	0.000	1962	
1963	0.25	0.25	0.17	1.41	14.30	22.60	13.20	6.58	3.08	1.44	0.65	0.38	5.38	May 25	33.4	2.54	0.141	1963	
1964	0.22	0.14	0.08	1.11	5.40	20.60	10.60	3.98	3.03	3.03	1.15	0.49	4.08	Jun 13	28.2	2.31	0.057	1964	
1965	0.42	0.18	0.15	1.45	10.50	25.70	14.40	6.05	4.09	3.17	1.82	0.78	5.74	Jun 19	39.0	3.41	0.119	1965	
1966	0.46	0.29	0.18	1.57	19.20	22.70	17.40	5.49	2.42	1.58	0.81	0.44	6.08	Jun 01	43.4	1.93	0.162	1966	
1967	0.30	0.25	0.17	0.18	8.62	34.10	13.80	4.49	2.14	1.36	0.68	0.38	5.54	Jun 04	44.2	1.68	0.143	1967	
1968	0.23	0.16	0.16	0.17	7.10	22.10	12.30	4.02	2.96	1.91	0.92	0.53	4.38	Jun 03	36.9	2.41	0.128	1968	
1969	0.11	0.07	0.08	2.50	16.00	22.60	13.90	4.66	2.57	1.84	0.87	0.55	5.51	Jun 05	34.5	2.22	0.056	1969	
1970	0.38	0.17	0.10	0.09	3.76	14.40	6.14	2.56	2.84	1.37	0.55	0.36	2.73	Jun 04	26.3	1.37	0.090	1970	
1971	0.10	0.13	0.15	0.40	16.20	22.50	13.50	5.14	2.71	1.71	0.81	0.39	5.34	Jun 07	30.9	1.83	0.033	1971	
1972	0.26	0.18	0.18	0.26	17.90	35.70	17.00	8.18	2.43	2.43	1.04	0.62	7.59	Jun 01	49.8	2.71	0.126	1972	
1973	0.36	0.21	0.14	0.29	11.90	17.00	13.81	3.81	2.45	1.68	1.02	0.57	4.22	May 31	33.9	1.78	0.069	1973	
1974	0.60	0.60	0.39	2.44	12.00	28.90	16.00	6.13	2.65	1.16	0.63	0.41	6.01	Jun 18	50.4	1.90	0.275	1974	
1975	0.26	0.12	0.13	0.11	4.44	12.90	9.55	5.63	4.06	1.79	1.46	1.36	3.50	Jun 26	19.1	2.38	0.053	1975	
1976	0.52	0.45	0.40	0.89	16.40	17.90	21.40	13.30	6.34	1.24	1.24	0.75	6.85	Jul 01	31.5	4.15	0.348	1976	
1977	0.39	0.30	0.21	1.15	7.82	14.10	6.61	5.52	3.65	1.40	0.84	0.66	3.57	Jun 08	31.1	2.29	0.171	1977	
1978	0.31	0.23	0.20	1.85	11.60	21.70	13.40	5.57	5.41	2.88	1.37	0.87	5.47	Jun 05	34.5	3.75	0.173	1978	
1979	0.36	0.23	0.18	0.62	7.69	13.80	8.66	3.00	2.02	1.09	0.60	0.34	3.23	May 27	24.6	1.48	0.158	1979	
1980	0.17	0.11	0.07	3.69	21.10	21.40	8.16	3.83	3.04	2.13	0.94	0.71	5.45	Jun 11	31.1	2.42	0.042	1980	
1981	0.63	0.62	0.40	1.92	17.90	14.60	23.00	9.59	4.16	2.92	1.58	0.83	6.57	May 26	42.5	3.35	0.366	1981	
1982	0.54	0.35	0.29	0.41	8.94	23.30	13.10	6.02	4.94	2.83	1.46	0.83	5.27	Jun 17	33.8	3.66	0.238	1982	
1983	0.53	0.38	0.35	2.23	10.90	15.70	13.30	4.84	2.46	1.09	0.81	0.33	4.43	May 30	32.0	1.70	0.291	1983	
1984	0.28	0.20	0.22	0.95	2.90	15.80	9.55	3.93	3.65	1.65	0.72	0.40	3.35	Jun 15	26.9	2.69	0.165	1984	
1985	0.25	0.10	0.08	0.62	13.40	16.00	7.08	3.73	3.05	1.53	0.85	0.34	3.94	May 29	30.8	2.21	0.057	1985	
1986	0.29	0.21	0.18	1.23	12.90	24.00	14.90	6.07	2.77	3.03	1.50	0.70	5.67	May 29	51.1	1.94	0.168	1986	
1987	0.43	0.31	0.26	2.90	17.30	13.10	8.46	4.36	2.16	0.98	0.54	0.31	4.29	May 09	30.0	1.60	0.195	1987	
1988	0.07	0.05	0.04	2.09	9.98	17.60	13.10	4.77	2.19	2.07	0.93	0.46	4.45	Jun 08	37.7	1.92	0.011	1988	
1989	0.35	0.19	0.11	1.12	9.47	19.20	9.08	7.29	4.73	1.91	1.51	1.08	4.69	Jun 15	31.8	2.75	0.089	1989	
1990	0.82	0.41	0.35	4.75	15.00	34.80	19.00	5.96	2.58	1.53	1.30	0.76	7.29	May 30	46.9	1.93	0.290	1990	
1991	0.38	0.33	0.24	2.65	19.10	25.00	20.40	7.00	2.60	1.16	0.65	0.43	6.70	Jul 04	37.4	1.89	0.210	1991	
1992	0.34	0.22	0.25	1.83	10.40	12.30	7.59	3.48	1.94	1.59	0.80	0.20	3.42	Jun 13	22.2	1.56	0.110	1992	
1993	0.07	0.07	0.09	0.13	12.00	13.10	11.40	5.47	3.31	2.47	1.39	0.80	4.22	May 14	27.6	2.68	0.029	1993	
1994	0.51	0.28	0.25	3.98	12.18	16.03	9.89	3.44	1.63	0.88	0.48	0.26	4.17	Jun 24	22.5	1.15	0.225	1994	
1995	0.16	0.11	0.09	0.21	9.78	20.90	9.10	10.50	4.68	2.86	1.75	1.51	5.16	Jun 06	31.0	2.72	0.045	1995	
Normal	0.34	0.23	0.18	1.30	11.89	21.07	12.65	5.48	3.27	1.90	1.01	0.58	5.01	Average	34.4	2.29	0.140	m <sup>3</sup> /s	



# KOOTENAY RIVER AT CANAL FLATS 8NF002

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1960	20.9	16.4	14.7	20.5	110.0	391.0	234.0	99.6	77.7	43.4	29.8	22.5	86.2	524	1960
1961	28.3	25.1	24.3	42.1	131.0	355.0	236.0	125.0	74.6	72.6	43.3	29.9	99.1	524	1961
1962	25.8	22.4	22.4	35.6	243.0	350.0	249.0	97.4	57.3	41.1	29.1	21.9	82.7	562	1962
1963	19.5	18.7	16.2	18.4	134.0	334.0	251.0	95.9	52.7	30.3	22.4	22.4	89.3	749	1963
1964	15.0	17.3	18.4	17.9	113.0	339.0	221.0	94.1	63.6	46.9	33.2	25.5	83.8	613	1964
1965	20.7	20.2	20.7	54.4	235.0	336.0	199.0	90.6	53.4	53.9	29.1	21.2	94.9	618	1965
1966	17.8	17.2	16.8	84.4	248.0	248.0	129.0	74.1	47.4	38.4	24.4	20.4	61.4	412	1966
1967	15.5	15.3	15.3	35.9	241.0	335.0	223.0	115.0	51.3	50.6	29.6	17.8	94.7	494	1967
1968	18.1	18.4	18.8	22.3	189.0	486.0	279.0	147.0	73.2	50.6	32.4	22.6	112.9	831	1968
1969	18.1	18.8	18.8	22.3	149.0	294.0	196.0	94.7	59.8	40.8	29.8	21.4	80.5	584	1969
1970	18.3	16.5	16.9	26.3	125.0	478.0	282.0	136.0	67.6	37.0	26.0	22.7	104.9	865	1970
1971	22.2	19.3	18.4	40.6	234.0	248.0	290.0	197.0	108.1	54.1	30.2	22.2	108.1	524	1971
1972	18.9	18.4	16.4	31.2	121.0	239.0	116.0	107.0	75.0	41.4	24.8	20.1	69.3	603	1972
1973	20.4	17.9	18.2	32.6	132.0	330.0	244.0	99.1	88.3	58.3	37.8	28.4	92.5	566	1973
1974	13.1	15.3	14.2	55.9	306.0	289.0	147.0	86.7	61.2	53.2	33.0	33.7	92.6	446	1974
1975	32.2	20.0	20.5	32.7	244.0	252.0	209.0	375.8	75.8	47.0	32.3	24.1	105.4	697	1975
1976	21.9	21.9	19.5	19.3	124.0	355.0	209.0	111.0	88.1	50.8	34.9	26.8	90.3	555	1976
1977	20.5	20.5	19.3	32.5	139.0	245.0	219.0	108.0	58.8	34.6	33.4	18.6	79.6	478	1977
1978	20.7	17.4	16.7	28.0	70.5	313.0	198.0	108.0	74.7	46.1	25.3	18.5	78.1	625	1978
1979	20.1	17.4	21.6	35.3	226.0	364.0	220.0	88.0	62.2	57.4	43.9	29.6	77.9	876	1979
1980	20.5	18.1	20.0	50.2	233.0	199.0	126.0	81.5	53.0	31.6	20.9	14.9	72.7	429	1980
1981	13.7	13.3	14.3	44.7	157.0	249.0	152.0	79.4	49.8	47.6	35.4	21.8	73.3	549	1981
1982	18.9	15.4	16.1	29.2	139.0	342.0	156.0	113.0	90.7	41.7	41.9	29.5	56.8	565	1982
1983	24.7	20.9	18.7	52.0	170.0	296.0	113.0	130.0	57.5	40.0	35.7	21.7	106.6	683	1983
1984	22.6	23.5	23.1	37.4	221.0	376.0	146.0	68.9	68.9	39.2	26.9	23.7	111.8	627	1984
1985	21.8	20.7	23.1	40.7	173.0	248.0	83.2	83.2	55.3	51.7	35.2	21.0	78.6	372	1985
1986	18.7	16.8	17.2	26.2	225.0	214.0	123.0	78.9	49.9	49.9	32.2	28.3	88.5	504	1986
1987	24.2	18.0	18.8	59.1	190.0	251.0	178.0	88.2	56.2	37.4	23.0	18.8	80.5	340	1987
1988	15.7	16.5	14.4	D	D	D	D	D	D	D	D	D	D	D	1988
Normal	20.0	18.3	18.1	32.1	164.6	323.2	211.6	108.4	68.1	45.7	31.5	23.4	89.2	572	Average
mm	10	8	9	15	82	155	105	54	33	23	15	12	522	752	10-Year

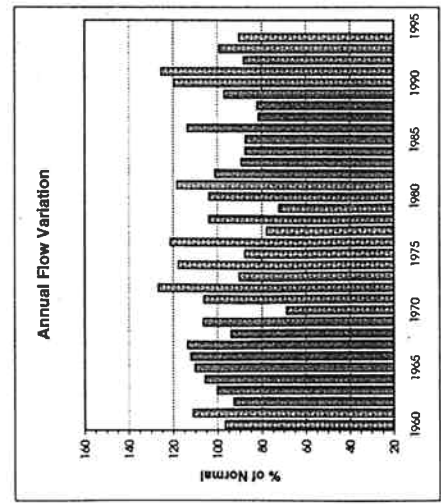
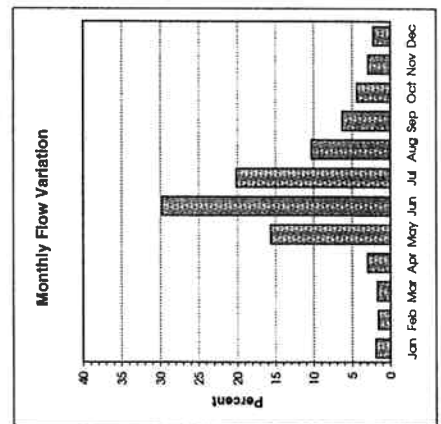
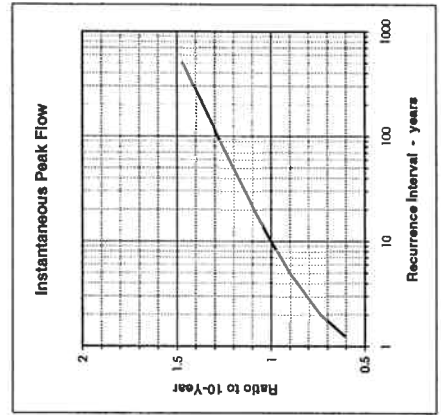
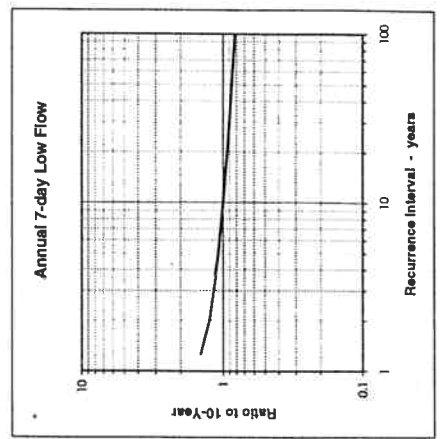
7-Day Low Flow

Instantaneous Peak Flow

Median Elevation = 1887 m

5390 km<sup>2</sup>

Drainage Area =



**KOOTENAY RIVER NEAR SKOOKUMCHUCK 8NG053**

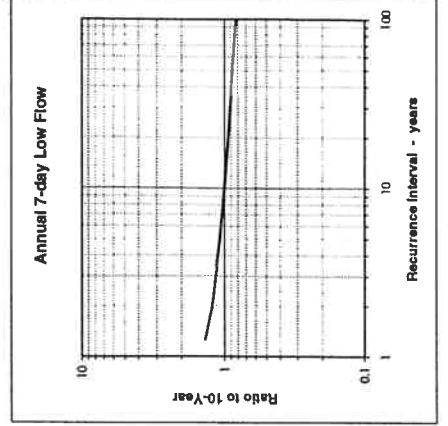
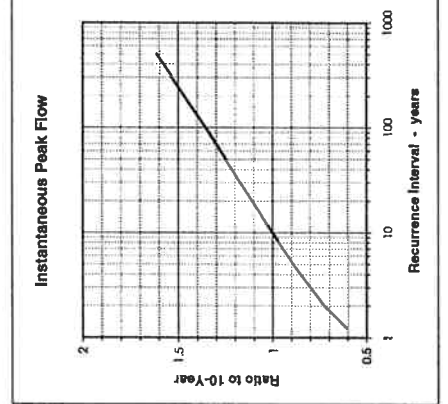
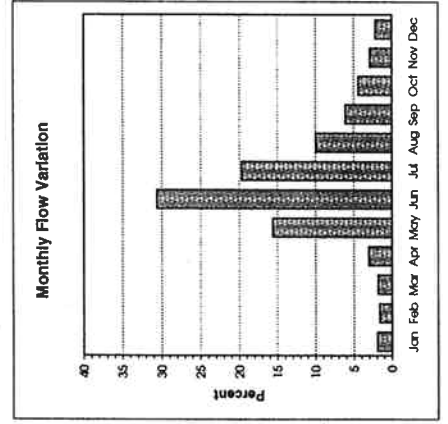
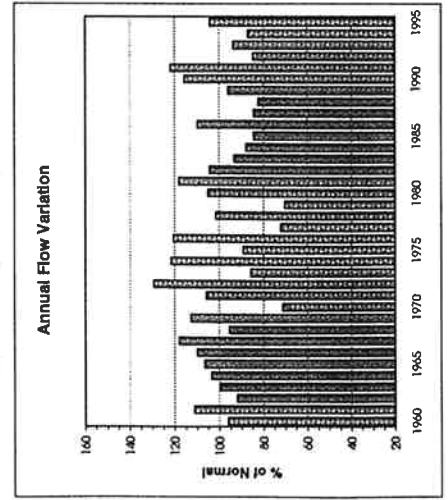
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s	
1960	29	27	29	55	134	401	297	120	79	52	37	25	107	Jun 04	600	63.6	18.6	1960
1961	22	25	23	29	285	572	193	119	75	73	40	30	124	May 28	943	59.9	16.6	1961
1962	25	25	24	55	163	383	228	127	74	51	41	30	102	Jun 18	595	66.7	20.8	1962
1963	26	28	25	36	192	413	271	130	81	55	39	29	111	Jun 17	535	75.9	19.2	1963
1964	27	25	24	31	134	487	282	122	89	84	48	32	115	Jun 14	648	70.5	22.9	1964
1965	31	27	26	45	185	442	286	147	90	81	56	37	119	Jun 19	719	81.8	24.1	1965
1966	33	30	30	52	269	426	304	127	75	50	38	30	122	Jun 01	731	66.5	24.2	1966
1967	28	26	25	28	163	644	339	135	76	50	35	26	131	Jun 22	818	63.5	20.3	1967
1968	25	24	25	25	149	414	278	122	84	61	41	29	106	Jun 03	708	74.8	20.9	1968
1969	26	24	24	24	301	468	276	115	72	59	39	27	126	Jun 06	728	68.2	21.2	1969
1970	25	25	24	24	115	322	165	79	60	47	31	26	79	Jun 06	527	51.1	20.8	1970
1971	22	22	20	36	275	441	273	145	72	47	34	23	118	Jun 24	629	52.3	17.2	1971
1972	24	22	27	31	253	628	336	183	89	66	41	29	144	Jun 01	1030	73.0	16.3	1972
1973	23	24	24	29	176	350	229	107	69	50	36	28	96	Jun 24	614	59.6	17.4	1973
1974	25	24	23	44	163	640	359	156	82	47	33	26	136	Jun 17	1160	66.3	17.0	1974
1975	23	21	21	25	101	331	285	139	99	62	45	37	99	Jul 08	507	73.7	19.2	1975
1976	28	24	23	49	296	423	363	216	133	68	41	30	134	Jul 01	643	97.3	19.3	1976
1977	24	23	22	37	133	272	130	126	90	70	40	29	113	Jun 06	677	87.1	17.4	1977
1978	24	21	23	39	168	423	295	118	106	70	40	29	113	May 27	524	49.1	17.6	1978
1979	25	23	23	25	148	294	170	87	60	36	23	23	78	May 22	527	70.4	12.9	1979
1980	17	19	19	75	395	386	174	103	75	66	38	37	117	May 26	810	70.3	20.7	1980
1981	32	26	26	43	297	474	334	196	91	60	41	29	132	Jun 16	735	97.9	21.0	1981
1982	26	27	25	27	161	269	269	137	110	68	41	30	116	May 30	615	54.8	19.2	1982
1983	27	26	26	44	188	335	280	134	72	43	43	24	104	Jun 30	707	76.9	22.5	1983
1984	24	25	25	38	252	393	252	128	87	54	37	27	98	Jun 30	810	70.5	16.2	1984
1985	24	20	21	39	245	307	167	95	87	56	35	28	94	May 26	609	57.8	16.5	1985
1986	25	22	29	46	251	462	262	140	76	67	50	33	122	May 29	1050	55.1	14.0	1986
1987	26	23	27	58	313	261	161	100	66	38	28	19	94	May 13	574	53.2	14.1	1987
1988	18	17	18	57	197	327	181	100	62	59	40	26	92	Jun 08	670	74.2	17.5	1988
1989	24	20	21	41	183	381	206	143	114	56	55	37	107	Jun 16	594	57.0	17.7	1989
1990	30	25	26	67	197	512	344	146	71	51	45	28	129	Jun 25	748	62.9	21.8	1990
1991	29	27	23	50	252	453	252	180	83	49	34	27	136	Jul 04	724	58.3	20.4	1991
1992	25	23	28	51	223	292	195	102	67	61	40	24	94	Jun 14	451	70.0	19.4	1992
1993	23	21	22	30	269	289	258	137	88	58	38	33	105	May 15	554	52.5	16.4	1993
1994	28	22	26	73	237	319	209	95	59	42	28	23	97	May 13	427	68.6	14.0	1994
1995	20	20	22	29	158	470	243	167	93	72	53	45	116	Jun 07	797	67.4	18.7	1995
Normal	25	24	24	42	205	415	258	131	83	58	39	29	111	Average	681	53.6	15.3	m <sup>3</sup> /s
mm	10	8	9	15	77	151	97	49	30	22	14	11	494	10-Year	892	67.4	15.3	m <sup>3</sup> /s

Median Elevation = 1888 m

7120 km<sup>2</sup>

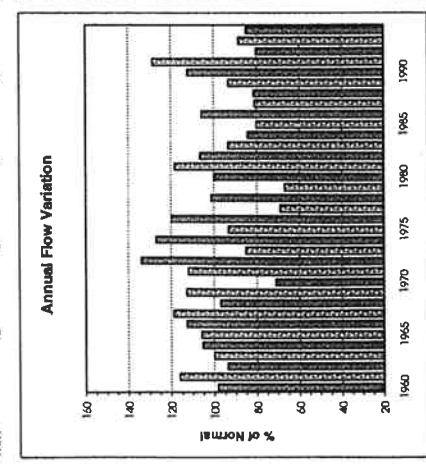
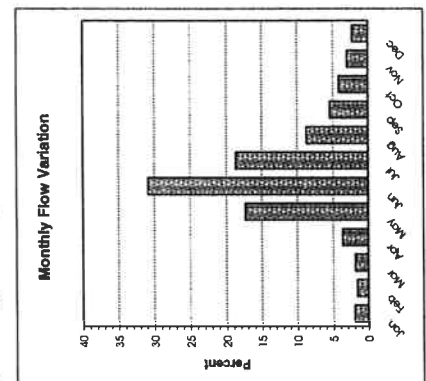
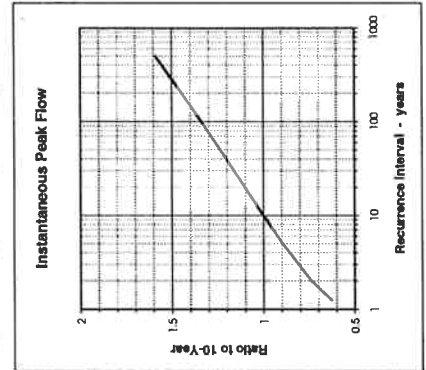
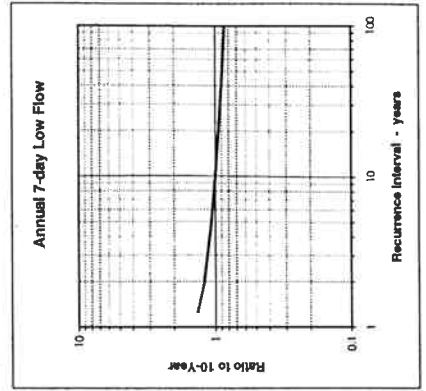
Drainage Area =

7-Day Low Flow



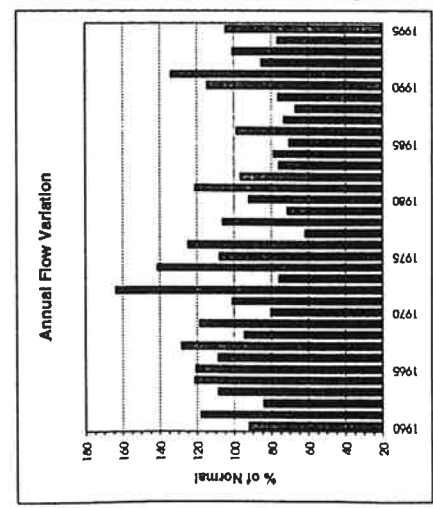
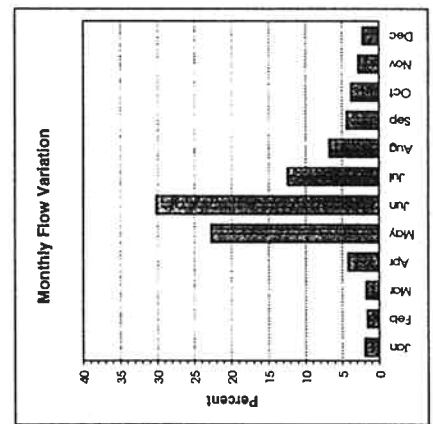
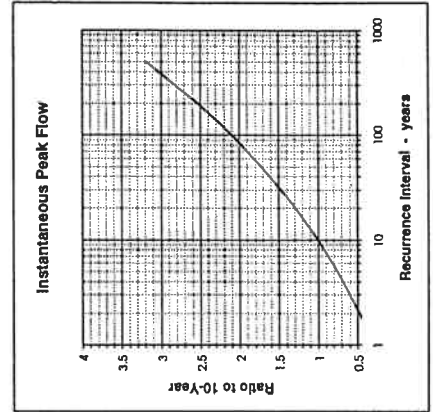
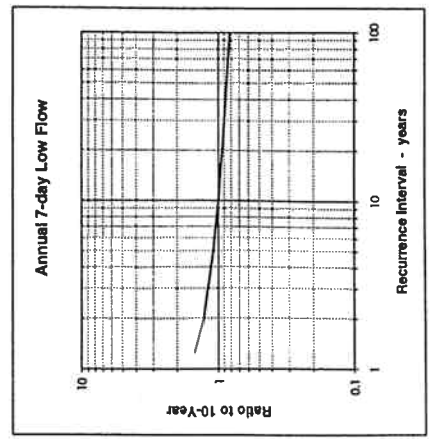
# KOOTENAY RIVER AT FORT STEELE 8NG065

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s	Jun-Sep
1960	42	36	36	57	263	779	425	184	119	88	66	49	173					1960
1961	52	39	46	116	300	674	388	199	135	123	75	55	204					1961
1962	60	39	33	100	492	723	450	185	105	74	59	47	165					1962
1963	42	39	38	46	296	1030	533	186	105	80	63	43	176			113	32.6	1963
1964	38	35	41	42	287	685	423	174	121	90	64	44	185				33.5	1964
1965	38	37	37	37	130	526	407	149	94	83	57	40	198				26.2	1965
1966	35	35	34	36	224	553	229	114	86	69	45	36	186				27.7	1966
1967	32	31	47	71	512	730	451	205	106	75	55	38	197				32.6	1967
1968	47	44	42	42	307	1070	577	225	113	66	51	41	223				26.6	1968
1969	34	37	38	46	210	586	430	200	143	92	76	70	164				30.3	1969
1970	26	30	31	132	648	554	329	137	120	90	64	46	208				28.5	1970
1971	59	48	49	79	496	553	289	137	100	89	59	59	176				23.2	1971
1972	41	44	41	56	309	1070	577	225	113	66	51	41	223				26.8	1972
1973	47	44	42	42	264	448	236	112	79	51	35	35	117				22.3	1973
1974	32	35	36	42	408	457	211	122	124	89	61	44	141				28.6	1974
1975	40	33	38	78	305	666	447	164	148	102	62	47	178				23.6	1975
1976	26	30	31	132	648	554	329	137	120	90	64	46	208				28.5	1976
1977	59	48	49	79	496	553	289	137	100	89	59	59	176				23.2	1977
1978	41	44	41	56	309	1070	577	225	113	66	51	41	223				26.6	1978
1979	46	46	46	46	210	586	430	200	143	92	76	70	164				30.3	1979
1980	48	36	38	70	142	627	372	162	111	76	53	38	148				28.5	1980
1981	39	38	39	110	390	726	359	174	99	89	75	53	186				23.2	1981
1982	41	44	41	49	293	783	407	194	150	114	73	52	187				22.3	1982
1983	46	41	43	85	339	531	400	180	109	68	79	41	164				28.6	1983
1984	28	29	31	71	408	457	211	122	124	89	61	44	141				23.6	1984
1985	39	38	39	110	390	726	359	174	99	89	75	53	186				28.5	1985
1986	42	38	45	106	525	216	216	128	81	54	42	42	142				22.3	1986
1987	28	29	32	101	340	507	263	125	83	95	75	45	143				28.6	1987
1988	37	30	33	82	327	590	287	185	146	82	85	57	197				23.6	1988
1989	51	37	39	129	313	781	500	287	97	83	85	57	197				28.5	1989
1990	50	48	41	107	475	773	675	257	116	66	49	39	226				23.6	1990
1991	35	35	45	104	396	425	262	129	84	84	55	34	141				28.5	1991
1992	32	31	33	49	440	405	359	197	126	83	52	45	155				27.5	1992
1993	39	32	39	147	406	488	299	128	76	53	40	33	149				26.2	1993
1994	29	33	37	51	295	732	343	224	122	104	66	74	178				23.2	1994
1995	47	46	47	146	335	669	593	211	106	92	58	40	216				28.6	1995
1996	41	37	39	79	358	660	387	180	116	86	64	47	175				23.6	1996
Normo	10	8	9	18	84	150	91	42	26	20	15	11	486	Average	1040	94.7	28.6	m <sup>3</sup> /s
														10-Year	1349	71.2	23.6	m <sup>3</sup> /s



**LINE CREEK AT THE MOUTH 8NK022**

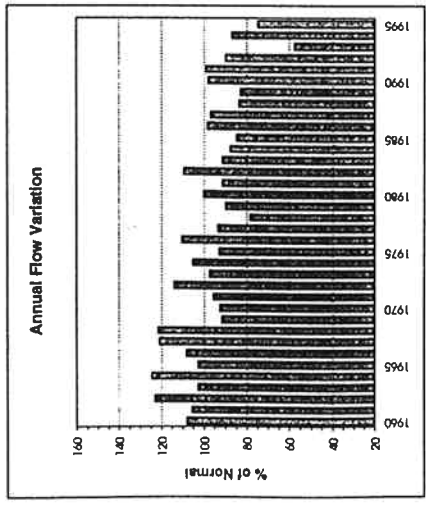
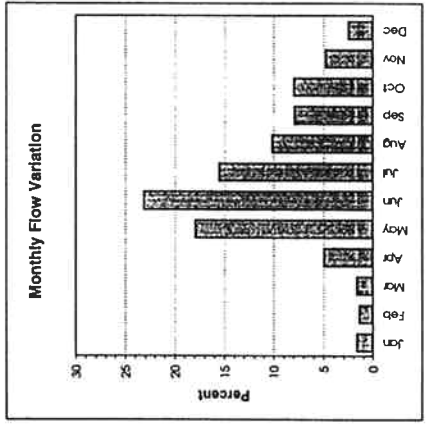
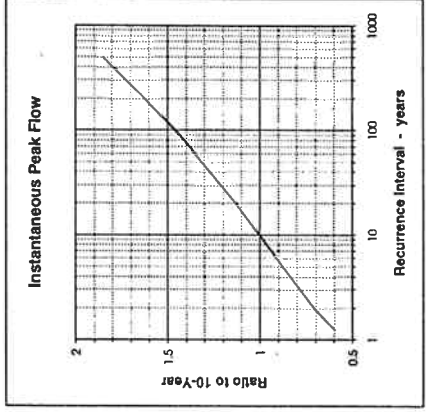
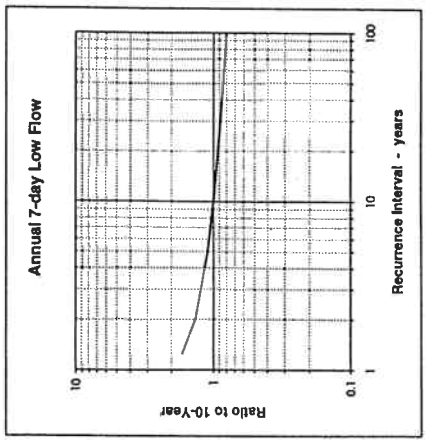
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	Instantaneous Peak Flow date	m3/s	Jun-Sep	Annual	Year
1960	0.37	0.37	0.31	0.39	4.33	9.03	2.72	0.93	0.74	0.77	0.57	0.44	2.01	May 12	18.1	0.562		1960
1961	0.47	0.41	0.39	0.86	6.96	8.34	3.92	2.26	0.96	0.83	0.53	0.38	2.20	Jun 02	31.2	1.56	0.307	1961
1962	0.34	0.35	0.55	0.82	10.20	19.20	4.19	2.31	1.72	1.46	1.02	0.70	3.57	May 19	19.8	0.809	0.377	1962
1963	0.55	0.46	0.46	0.71	4.89	6.46	2.39	0.84	0.84	0.72	0.70	0.54	1.66	Jun 17	55.5	1.05	0.261	1963
1964	0.74	0.46	0.45	1.15	4.47	17.90	6.05	2.36	1.39	0.92	0.58	0.52	3.08	Jun 21	17.3	1.20	0.338	1964
1965	0.47	0.36	0.39	0.52	4.44	9.79	5.50	1.97	1.43	1.23	1.03	0.97	2.35	May 23	20.5	1.48	0.435	1965
1966	0.47	0.53	0.46	1.35	9.42	6.94	3.05	5.79	1.75	1.03	0.78	0.63	2.72	May 11	10.3	0.970	0.355	1966
1967	0.51	0.51	0.51	1.15	3.63	3.74	1.39	1.57	1.24	0.82	0.58	0.46	1.34	Jun 05	27.3	1.39	0.399	1967
1968	0.45	0.43	0.47	0.94	4.94	9.72	4.65	1.81	1.60	1.22	0.87	0.63	2.32	May 26	20.8	0.740	0.398	1968
1969	0.60	0.49	0.43	0.66	5.09	5.75	1.96	1.07	0.92	0.66	0.53	0.56	1.56	May 05	12.4	1.13	0.343	1969
1970	0.38	0.40	0.41	2.34	7.51	5.61	2.02	1.60	1.30	1.06	0.77	0.67	2.01	May 25	32.3	1.06	0.444	1970
1971	0.63	0.51	0.58	1.15	8.73	8.32	5.92	2.13	1.18	0.96	0.73	0.59	2.63	May 26	14.6	1.17	0.664	1971
1972	0.57	0.76	0.53	0.75	5.23	9.31	2.94	1.40	1.25	1.17	0.78	0.59	2.11	May 26	13.1	0.777	0.466	1972
1973	0.55	0.63	0.49	1.13	4.91	5.16	2.86	1.30	0.86	0.69	0.77	0.51	1.65	May 30	20.3	0.875	0.385	1973
1974	0.52	0.43	0.45	0.96	2.83	7.81	2.94	1.33	0.98	1.01	0.75	0.56	1.71	Jun 07	15.3	0.906	0.342	1974
1975	0.48	0.37	0.39	1.12	5.30	4.40	1.43	1.02	1.51	0.99	0.76	0.58	1.53	May 29	48.2	1.804	0.350	1975
1976	0.48	0.48	0.48	1.49	8.10	7.31	2.06	1.03	1.04	1.57	0.88	0.66	2.15	May 09	12.7	0.702	0.316	1976
1977	0.50	0.40	0.51	1.79	6.53	3.06	2.56	1.32	0.78	0.60	0.49	0.44	1.59	Jun 07	17.2	0.595	0.294	1977
1978	0.34	0.35	0.39	1.21	5.01	5.56	1.44	0.87	0.63	0.66	0.57	0.44	1.46	Jun 07	20.8	0.924	0.364	1978
1979	0.40	0.43	0.53	1.05	4.26	5.95	2.21	1.13	1.44	0.86	0.93	0.68	1.66	May 29	22.7	0.971	0.466	1979
1980	0.63	0.53	0.54	1.92	5.87	9.11	4.84	2.25	1.17	1.14	1.14	0.71	2.49	May 19	20.5	1.24	0.521	1980
1981	0.70	0.71	0.61	1.68	8.29	11.10	5.98	2.16	1.32	0.95	0.73	0.62	2.91	Jul 09	10.5	1.23	0.543	1981
1982	0.59	0.62	0.90	1.79	4.32	3.94	4.20	1.68	1.29	1.23	0.96	0.74	1.86	Jun 01	16.5	1.59	0.374	1982
1983	0.50	0.48	0.54	0.78	5.22	5.93	5.52	2.74	1.80	1.18	0.81	0.69	2.19	May 12	9.57	0.779	0.439	1983
1984	0.60	0.54	0.70	1.97	5.51	4.72	2.03	1.10	0.84	0.75	0.67	0.56	1.67	Jun 07	48.6	0.988	0.405	1984
1985	0.47	0.53	0.55	0.65	3.82	11.40	4.36	1.68	1.08	1.00	0.98	0.81	2.28	Average	22.2	1.02	0.391	1985
Normal	0.50	0.46	0.47	1.12	5.84	8.02	3.19	1.74	1.18	0.97	0.75	0.58	2.18	10-Year	38.5	0.677	0.303	1986



**MCGREGOR RIVER AT LOWER CANYON 8XB003**

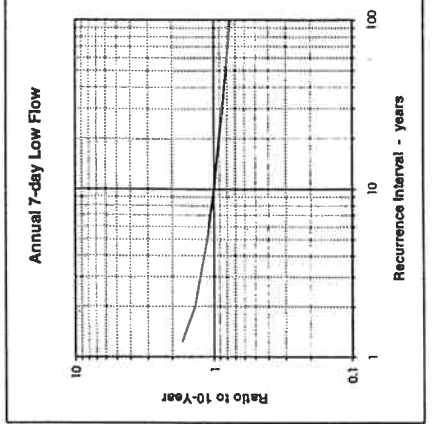
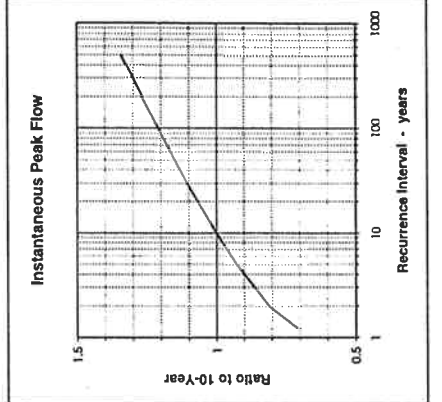
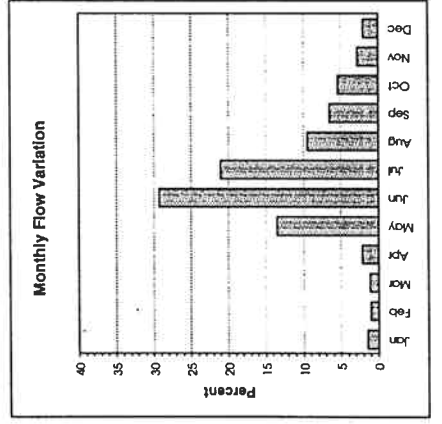
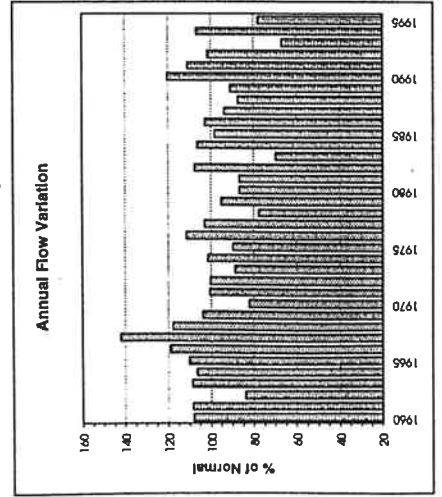
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s
1960	45.6	36.0	37.0	140	40.6	615	550	338	262	330	120	47.1	245	Oct 15	1180	202	1960
1961	44.2	42.1	41.5	130	54.7	615	311	206	307	367	192	57.9	239	May 23	1170	181	1961
1962	56.6	88.0	46.7	239	483	612	527	420	194	270	280	115.0	279	Jul 18	1060	176	1962
1963	106.3	70.2	45.1	169	432	431	431	494	294	277	86	56.6	233	Jun 11	1220	215	1963
1964	32.3	32.3	32.3	59	420	923	606	511	279	312	137	32.2	282	Aug 01	1340	115	1964
1965	39.1	74.5	67.1	109	401	610	435	267	128	380	196	76.0	233	Oct 21	1700	103	1965
1966	33.8	28.6	30.0	199	557	614	472	352	222	241	125	56.9	246	May 26	1110	164	1966
1967	35.2	27.1	27.1	204	566	1010	516	322	232	214	191	70.3	274	Jun 01	1228	172	1967
1968	46.8	52.0	204.0	300	509	680	551	253	277	235	152	63.3	276	Jun 26	1040	180	1968
1969	35.6	26.2	24.4	115	453	514	238	336	294	186	156	102.0	207	Jun 04	898	198	1969
1970	45.1	27.3	28.3	72	475	766	335	261	264	150	66	34.5	210	Jun 03	1350	136	1970
1971	47.1	28.7	28.7	105	520	572	390	229	199	191	194	58.9	217	May 12	1040	141	1971
1972	31.3	26.0	55.4	170	695	981	391	240	123	286	96	34.6	259	Jun 11	2090	86.1	1972
1973	33.2	26.1	25.8	119	549	656	390	221	261	274	79	33.2	221	Sep 26	1260	114	1973
1974	27.1	24.2	24.5	68	451	743	606	256	163	300	99	81.6	238	Jun 15	1160	108	1974
1975	41.8	27.2	20.4	38	382	614	504	294	195	163	173	61.0	210	Jun 13	872	121	1975
1976	45.0	32.0	24.0	80	544	469	579	469	309	197	74	33.5	250	Jul 01	1170	189	1976
1977	60.4	49.1	39.8	199	462	573	461	277	165	143	70	60.1	178	Nov 06	1090	162	1977
1978	29.2	23.0	25.6	130	277	416	281	257	219	222	191	52.6	178	Jun 04	1660	107	1978
1979	30.9	23.7	37.2	104	414	735	465	211	137	188	68	49.9	204	Dec 16	1053	21.4	1979
1980	28.0	23.6	22.9	220	482	481	326	219	326	121	121	254.0	207	May 25	1090	96.9	1980
1981	109.0	63.9	55.9	157	617	444	326	228	153	113	150	59.2	248	Sep 08	1870	217	1981
1982	35.8	28.3	23.2	31	441	749	512	365	424	182	112	60.8	248	May 30	839	170	1982
1983	36.5	31.8	44.7	188	410	505	378	220	306	276	87	60.1	207	May 16	1020	137	1983
1984	37.2	40.0	42.8	131	237	510	402	256	306	276	81	38.8	192	May 24	1250	119	1984
1985	32.1	27.7	27.1	97	541	550	319	173	237	174	81	60.1	192	May 26	1280	97.6	1985
1986	39.8	39.2	73.3	162	466	720	422	203	134	181	138	87.2	223	Jun 12	1200	94.1	1986
1987	115.0	129.0	152.0	182	482	539	256	273	140	149	154	57.7	219	May 13	885	70.6	1987
1988	34.5	32.9	44.4	189	530	502	267	207	136	160	106	57.0	189	May 09	835	107	1988
1989	37.4	28.7	25.8	131	446	530	290	240	134	133	176	79.3	188	May 31	2010	92.7	1989
1990	63.5	37.9	36.1	162	590	804	406	189	105	133	71	55.1	222	May 19	1030	116	1990
1991	44.2	62.7	57.5	184	559	624	396	248	173	201	73	56.8	224	Oct 23	1180	39.3	1991
1992	45.4	42.2	42.2	257	431	185	126	384	348	287	99	48.8	204	May 13	1110	60.2	1992
1993	31.5	28.9	40.9	147	431	238	166	159	95	85	90	48.3	131	May 12	837	110	1993
1994	44.3	30.9	42.4	230	523	529	396	168	129	146	71	45.3	197	May 16	887	75	1994
1995	37.8	40.0	45.2	133	440	403	273	242	110	167	84	52.6	170	Average	1194	134	1995
Normal	45.1	41.2	45.9	137	479	638	414	273	219	213	133	67.1	226	10-Year	1600	83.7	20.8
mm	25	21	26	74	267	344	231	152	118	119	72	37	1488				

7-Day Low Flow  
 Median Elevation = 1200 m  
 4800 km<sup>2</sup>  
 Drainage Area =



**MCKALE RIVER NEAR 940 m CONTOUR 8KA009**

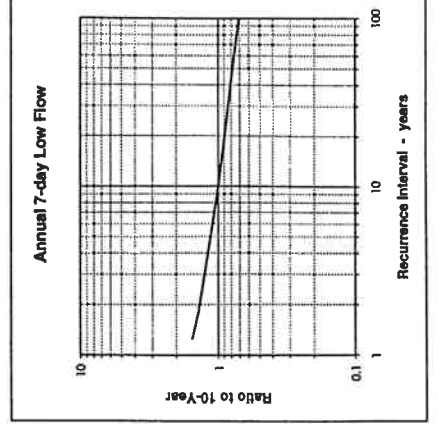
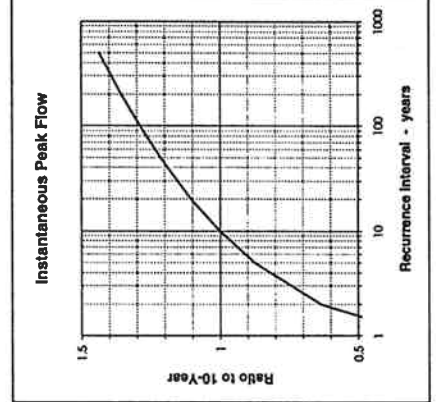
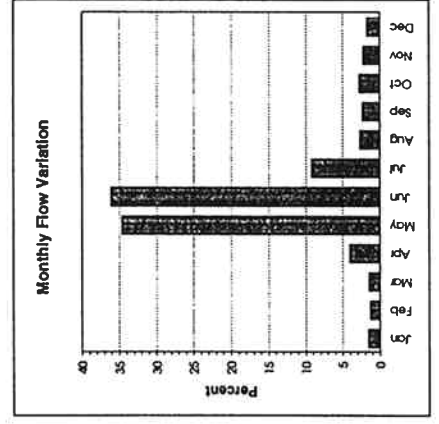
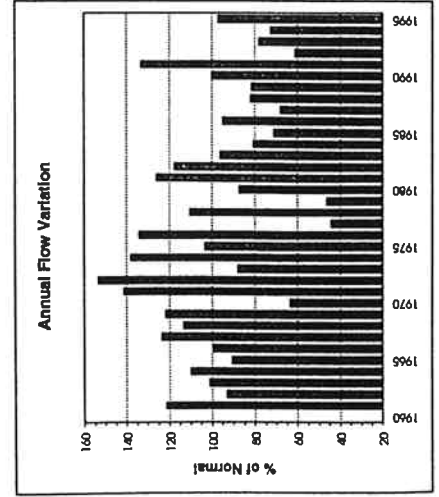
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 253 km <sup>2</sup>			Median Elevation = 1640 m			Instantaneous Peak Flow			7-Day Low Flow			Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year							
1960	1.20	0.89	1.09	1.46	15.90	35.60	20.70	8.45	8.50	7.17	2.69	2.04	9.40					1960							
1961	0.95	1.18	1.38	1.35	13.00	26.70	21.10	10.70	5.00	8.53	2.56	0.80	9.42	Jun 11	75.3	4.52	0.633	1971							
1962	1.25	1.15	1.36	2.65	7.36	28.40	26.40	12.90	6.28	6.32	2.82	2.37	7.30	Jun 24	65.1	3.49	0.578	1972							
1963	1.65	1.04	0.87	1.21	8.39	27.50	25.80	10.10	7.24	10.80	3.55	2.40	9.46	Jun 15	60.3	4.77	1.09	1973							
1964	1.61	1.34	1.10	2.09	14.30	23.70	29.70	20.20	6.56	4.29	3.75	2.04	9.28	Jun 05	55.8	4.24	0.833	1974							
1965	1.62	1.46	1.24	3.79	12.90	32.80	25.80	12.30	11.10	5.74	2.96	2.11	9.58	Jun 19	66.0	6.19	1.08	1975							
1966	1.12	1.04	0.83	1.93	8.68	26.30	14.80	6.74	6.99	4.24	2.52	1.46	10.34	Jun 07	80.4	5.41	1.19	1976							
1967	1.31	1.09	1.31	1.58	10.40	34.90	27.80	7.70	4.50	6.63	3.24	2.09	12.38	Jun 04	58.3	5.12	0.726	1977							
1968	1.05	0.89	0.74	4.37	19.40	21.90	10.80	6.60	9.05	4.21	2.46	1.66	10.26	Jun 05	56.9	3.43	1.03	1978							
1969	2.92	1.88	1.67	2.00	20.30	20.00	20.00	6.73	9.05	6.41	3.16	6.05	9.05	Jun 18	63.2	5.63	0.693	1979							
1970	1.51	1.23	0.85	1.23	8.75	40.10	25.80	12.90	4.50	3.94	3.76	1.85	7.55	May 26	75.8	3.65	1.53	1981							
1971	1.28	1.15	0.93	2.13	11.30	21.20	13.80	4.73	6.96	4.50	3.36	1.35	7.54	Jun 20	81.1	5.97	0.822	1982							
1972	1.10	0.99	1.03	1.45	5.33	33.40	29.60	12.80	12.60	7.83	2.69	1.99	9.24	May 31	55.7	3.30	0.881	1983							
1973	1.41	1.16	1.15	1.68	18.60	31.60	20.40	7.51	9.70	5.41	2.13	1.32	8.54	Jun 29	72.8	7.51	0.979	1984							
1974	1.60	1.21	1.05	1.45	15.60	38.10	23.00	8.51	4.65	5.87	3.63	2.18	8.93	Jun 15	81.8	2.93	0.952	1985							
1975	1.82	1.78	1.48	2.94	17.70	33.90	14.20	11.50	3.83	3.28	2.94	1.98	8.13	Jun 12	79.4	2.86	1.23	1986							
1976	1.25	1.05	1.02	4.58	18.80	30.00	14.00	7.43	4.22	4.09	2.75	1.85	7.59	May 13	54.4	2.78	0.98	1987							
1977	1.40	1.32	1.14	2.13	15.20	34.80	17.00	8.89	4.20	3.43	3.37	1.77	7.91	Jun 05	63.6	3.22	1.02	1988							
1978	1.80	1.26	1.12	3.15	20.50	48.40	29.40	8.41	3.76	3.35	2.15	1.65	10.46	Jun 23	96.1	2.69	1.06	1989							
1979	1.11	1.13	0.93	3.06	19.00	33.90	27.60	12.60	7.12	4.60	2.15	1.95	9.64	Jun 02	62.5	4.72	0.882	1990							
1980	1.66	1.54	2.46	6.10	18.00	33.60	10.30	4.66	3.88	9.45	3.88	2.14	8.82	Jun 02	81.0	3.86	1.50	1991							
1981	1.45	1.19	1.18	1.96	25.60	16.00	7.77	4.63	3.13	2.60	2.23	1.45	5.80	May 14	81.9	2.41	1.05	1992							
1982	1.35	0.99	1.37	5.16	22.80	36.10	24.10	6.75	4.16	4.26	2.21	1.52	9.27	Jul 01	67.4	3.21	0.844	1993							
1983	1.01	0.89	0.79	1.41	16.00	23.50	13.50	12.80	4.03	3.28	2.18	1.66	6.79	May 28	45.1	2.90	0.738	1994							
1984	1.47	1.22	1.12	2.27	13.82	31.03	21.58	9.69	6.88	5.52	2.97	2.04	8.70	Average	68.5	4.11	0.974	1995							
Normal	1.6	1.2	1.2	2.3	14.6	31.8	22.9	10.3	7.0	5.8	3.0	2.2	10.85	10-Year	84.4	2.74	0.701	m <sup>3</sup> /s							





**MARK CREEK ABOVE DIVERSIONS 8NG085**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 102 km <sup>2</sup>	Median Elevation = 1780 m					Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual				
1960	0.226	0.225	0.221	0.477	7.67	9.55	0.40	0.060	0.250	0.639	0.275	0.228	1.69					1960				
1961	0.211	0.253	0.201	1.186	4.69	5.89	1.13	0.509	0.263	0.606	0.537	0.359	0.537					1961				
1962	0.288	0.354	0.327	0.755	5.84	6.14	1.45	0.396	0.397	0.321	0.348	0.265	1.41					1962				
1963	0.237	0.205	0.264	0.267	4.96	7.51	2.10	0.667	0.429	0.288	0.429	0.288	1.53					1963				
1964	0.260	0.219	0.220	0.794	4.70	5.60	1.05	0.381	0.586	0.569	0.481	0.273	1.26					1964				
1965	0.267	0.214	0.227	0.872	6.15	6.03	1.64	0.363	0.143	0.227	0.210	0.195	1.38					1965				
1966	0.225	0.206	0.192	0.174	5.99	9.79	2.49	0.294	0.146	0.397	0.423	0.273	1.72					1966				
1967	0.260	0.265	0.386	0.327	5.88	7.19	2.00	0.621	0.566	0.441	0.423	0.291	1.57					1967				
1968	0.279	0.230	0.224	1.268	7.83	8.01	1.13	0.055	0.181	0.473	0.347	0.240	1.69					1968				
1969	0.187	0.166	0.165	0.154	3.62	4.68	0.28	0.080	0.374	0.331	0.303	0.265	0.88					1969				
1970	0.220	0.230	0.229	0.817	9.03	8.04	3.35	0.398	0.363	0.343	0.236	0.237	1.97					1970				
1971	0.263	0.254	0.268	0.334	7.45	10.50	3.94	0.884	0.432	0.609	0.386	0.256	2.13					1971				
1972	0.239	0.243	0.262	0.453	6.22	4.43	0.88	0.307	0.376	0.403	0.496	0.286	1.22					1972				
1973	0.280	0.270	0.261	0.824	5.67	10.80	2.80	0.782	0.417	0.344	0.296	0.301	1.92					1973				
1974	0.289	0.275	0.253	0.274	3.67	7.75	1.71	0.714	0.644	0.890	0.536	0.513	1.43					1974				
1975	0.353	0.293	0.303	0.806	10.60	5.12	2.03	1.049	0.621	0.436	0.394	0.247	1.86					1975				
1976	0.260	0.258	0.262	0.452	1.98	1.70	0.51	0.349	0.519	0.445	0.361	0.253	0.61					1976				
1977	0.255	0.242	0.314	0.829	5.17	6.85	2.20	0.686	0.469	0.441	0.589	0.291	1.53					1977				
1978	0.126	0.138	0.164	0.210	2.99	2.88	0.46	0.135	0.194	0.145	0.113	0.155	0.64					1978				
1979	0.152	0.143	0.156	1.479	7.01	3.62	0.19	0.150	0.368	0.414	0.402	0.448	1.21					1979				
1980	0.551	0.357	0.389	0.711	7.57	5.40	3.43	0.847	0.343	0.591	0.399	0.305	1.75					1980				
1981	0.274	0.272	0.246	0.291	5.73	8.03	1.67	0.836	0.656	0.794	0.454	0.320	1.63					1981				
1982	0.276	0.225	0.273	0.798	5.60	4.94	1.79	0.520	0.436	0.266	0.588	0.266	1.34					1982				
1983	0.323	0.244	0.244	0.587	3.01	5.70	0.401	0.401	0.281	0.211	0.211	0.199	0.99					1983				
1984	0.160	0.131	0.138	0.591	5.20	3.77	0.16	0.081	0.438	0.438	0.375	0.218	1.32					1984				
1985	0.224	0.204	0.394	1.010	5.79	5.79	0.77	0.160	0.235	0.504	0.419	0.269	1.32					1985				
1986	0.190	0.175	0.244	0.984	5.68	3.18	0.28	0.104	0.114	0.117	0.114	0.136	0.95					1986				
1987	0.140	0.131	0.153	0.962	5.15	4.58	0.55	0.150	0.225	0.789	0.514	0.226	1.14					1987				
1988	0.319	0.227	0.169	0.619	4.82	4.19	1.00	0.571	0.545	0.367	0.440	0.313	1.14					1988				
1989	0.254	0.204	0.204	1.390	4.64	6.32	0.488	0.338	0.333	0.338	0.515	0.207	1.39					1989				
1990	0.245	0.234	0.217	0.624	6.96	8.52	3.63	0.630	0.337	0.278	0.241	0.207	1.85					1990				
1991	0.228	0.248	0.341	1.340	3.12	1.86	1.45	0.554	0.311	0.270	0.238	0.203	0.85					1991				
1992	0.158	0.136	0.219	0.438	4.04	2.45	0.86	1.307	0.650	0.482	0.314	0.272	1.08					1992				
1993	0.236	0.205	0.244	1.690	4.83	2.61	0.86	0.370	0.237	0.230	0.296	0.325	1.01					1993				
1994	0.189	0.193	0.197	0.346	4.35	7.03	1.67	0.641	0.379	0.422	0.386	0.376	1.35					1994				
1995	0.253	0.229	0.243	0.690	5.68	6.12	1.50	0.435	0.389	0.454	0.388	0.277	1.39					1995				
Normal	7	5	6	18	149	156	39	11	10	12	10	7	430	Average	15.3	0.331	0.160	m <sup>3</sup> /s				
														10-Year	24.3	0.216	0.120	m <sup>3</sup> /s				

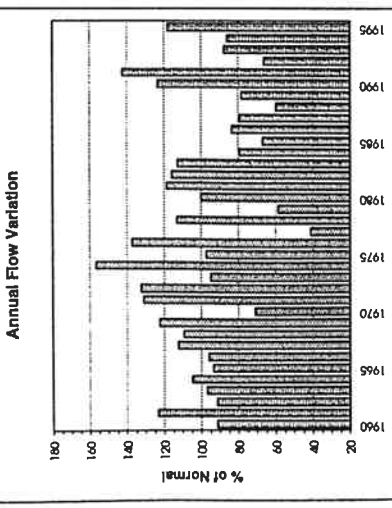
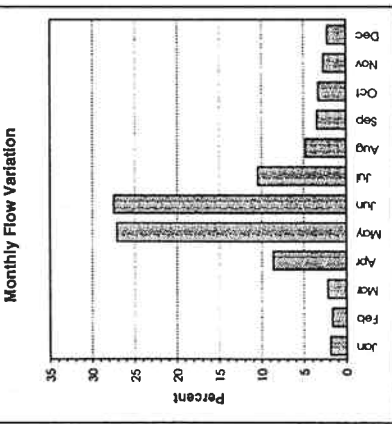
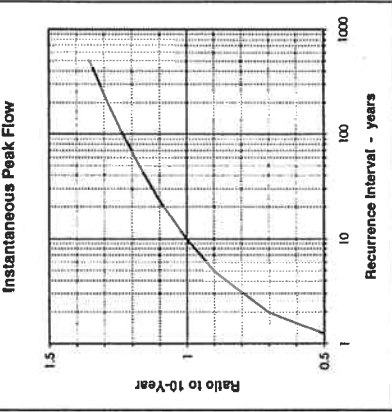
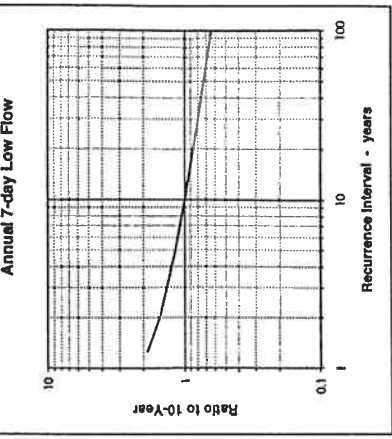




MATHER CREEK BELOW HOULE CREEK 8NG076

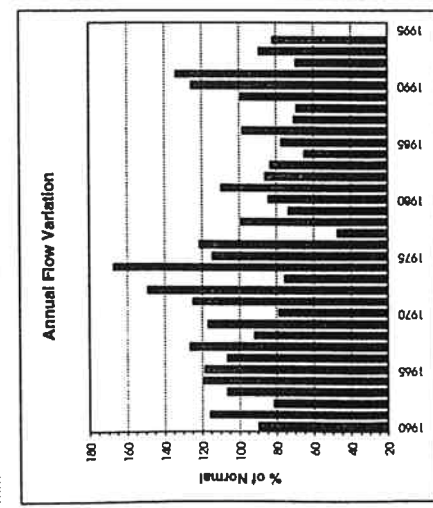
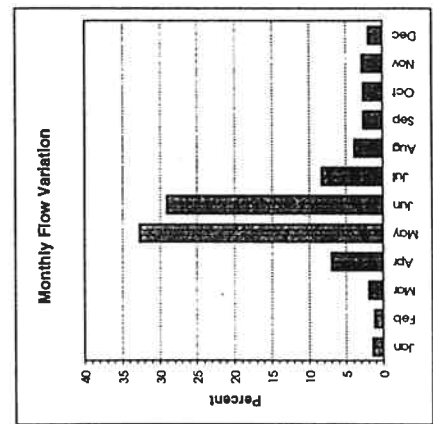
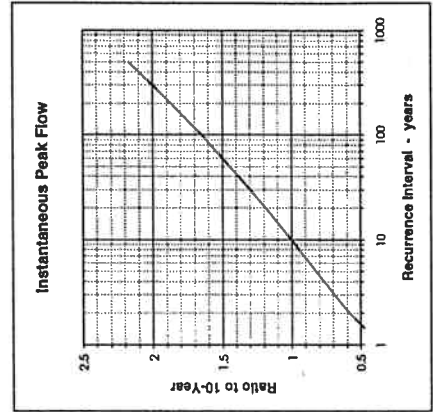
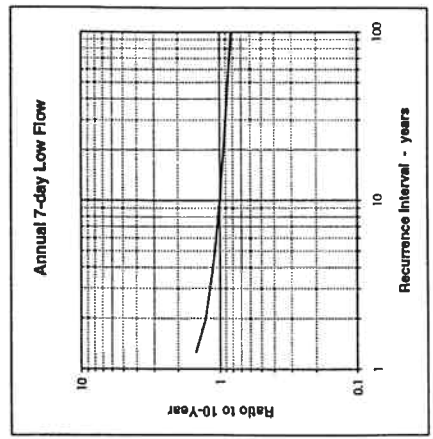
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1960	0.370	0.318	0.319	1.150	4.530	4.140	1.250	0.937	0.634	0.735	0.508	0.398	1.170	1960
1961	0.414	0.378	0.360	2.930	5.850	8.620	2.670	0.950	0.491	0.493	0.503	0.429	1.577	1961
1962	0.319	0.302	0.283	0.585	3.820	4.470	1.600	0.929	0.730	0.468	0.336	0.336	1.170	1962
1963	0.427	0.343	0.317	1.460	7.680	4.820	2.570	1.340	0.736	0.622	0.443	0.583	1.238	1963
1964	0.240	0.218	0.202	0.497	1.360	1.370	0.547	0.388	0.456	0.397	0.335	0.282	1.338	1964
1965	0.202	0.176	0.181	1.600	4.180	5.520	2.640	0.831	0.645	0.520	0.412	0.269	1.194	1965
1966	0.177	0.225	0.361	0.601	3.040	2.470	0.851	0.374	0.258	0.269	0.161	0.156	1.438	1966
1967	0.139	0.181	0.218	2.080	5.740	3.480	1.110	0.597	0.463	0.417	0.402	0.473	1.397	1967
1968	0.478	0.332	0.506	1.630	5.580	4.340	2.250	1.090	0.581	0.537	0.433	0.341	1.563	1968
1969	0.233	0.260	0.239	0.587	4.740	6.260	2.400	0.860	0.761	0.759	0.364	0.275	0.909	1969
1970	0.320	0.523	0.620	2.130	5.050	4.230	1.810	0.809	0.541	0.428	0.514	0.275	1.675	1970
1971	0.318	0.201	0.253	0.894	1.560	4.810	1.900	0.667	0.421	0.348	0.370	0.295	1.691	1971
1972	0.227	0.201	0.244	0.999	3.040	2.560	0.741	0.443	0.585	0.528	0.364	0.285	1.214	1972
1973	0.251	0.231	0.469	1.230	3.260	3.740	1.230	0.540	0.497	0.380	0.419	0.380	1.214	1973
1974	0.316	0.301	0.468	1.850	4.790	1.840	0.919	0.506	0.326	0.295	0.267	0.218	1.447	1974
1975	0.166	0.181	0.195	1.140	2.500	2.480	0.776	0.435	0.347	0.355	0.326	0.247	1.447	1975
1976	0.236	0.205	0.162	1.010	3.160	3.620	0.985	0.724	0.616	0.508	0.434	0.312	1.012	1976
1977	0.311	0.272	0.286	1.720	3.540	8.160	2.160	0.744	0.446	0.502	0.362	0.362	0.854	1977
1978	0.267	0.274	0.288	2.230	6.210	6.610	3.290	0.906	0.553	0.408	0.391	0.336	1.440	1978
1979	0.258	0.257	0.474	1.360	2.510	1.400	1.400	0.674	0.451	0.399	0.348	0.262	0.847	1979
1980	0.233	0.207	0.227	0.933	2.580	2.340	2.960	1.460	0.851	0.666	0.467	0.450	1.122	1980
1981	0.317	0.291	0.363	2.565	3.835	2.805	1.082	0.514	0.368	0.321	0.295	0.295	0.994	1981
1982	0.213	0.163	0.333	1.360	4.010	6.050	2.850	0.979	0.664	0.542	0.471	0.418	1.509	1982
Normal	0.286	0.272	0.328	1.339	4.079	4.274	1.578	0.721	0.532	0.487	0.410	0.325	1.278	Average

Instantaneous Peak Flow m<sup>3</sup>/s date m<sup>3</sup>/s Jun-Sep Annual m<sup>3</sup>/s



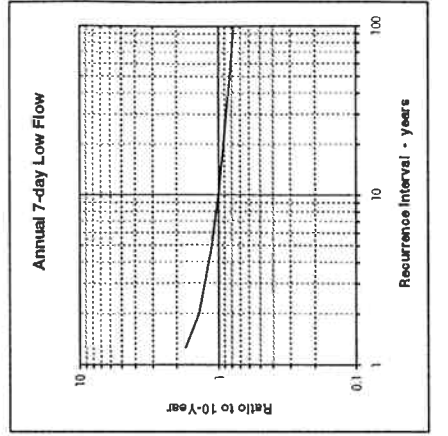
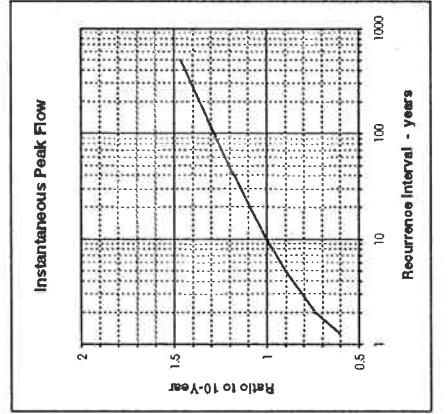
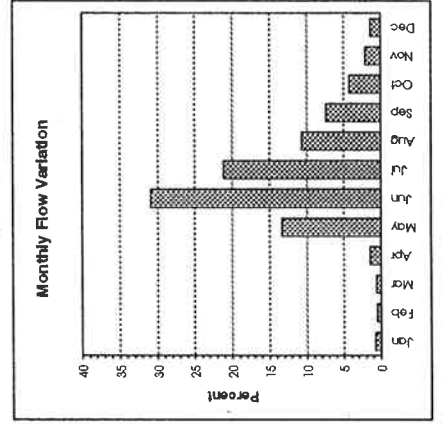
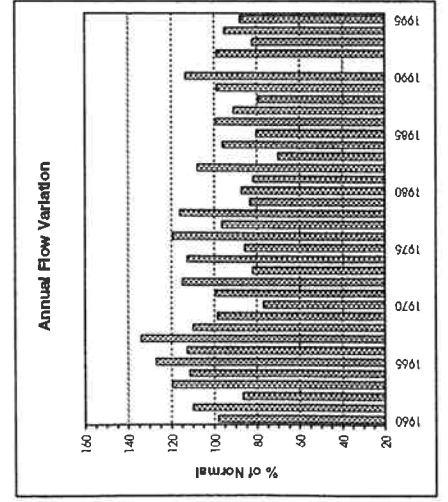
**MICHEL CREEK BELOW NATAL 8NK020**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Jun-Sep	Annual	Year
1960	1.4	1.1	1.7	1.9	39.7	38.9	8.1	3.3	3.2	2.7	2.2	1.9	8.9	May 26	89.5	2.60	1.07	1960
1961	2.2	2.6	2.3	6.2	71.0	40.9	13.5	5.7	4.2	4.1	4.0	2.3	14.1	May 13	115.6	3.87	1.48	1961
1962	2.0	2.3	7.0	8.2	69.1	70.1	18.3	7.8	5.1	5.6	3.6	1.9	16.8	May 31	157.0	4.42	1.15	1962
1963	2.0	2.0	2.4	5.7	36.3	32.8	7.1	2.9	2.4	2.6	3.1	2.5	8.5	May 19	97.6	2.03	1.42	1963
1964	2.8	2.2	2.1	15.1	52.2	108.0	26.9	6.5	3.7	2.7	2.5	1.8	18.9	Jun 16	191.0	3.21	1.09	1964
1965	1.1	1.2	1.1	3.3	35.8	63.9	18.4	6.0	4.5	4.8	7.2	7.0	12.9	Jun 19	113.5	3.77	0.912	1965
1966	2.9	2.2	2.5	12.9	62.0	33.0	13.9	19.2	6.0	3.6	3.0	2.2	13.7	May 11	119.9	4.29	1.47	1966
1967	1.8	1.8	1.6	9.6	20.6	10.1	3.6	3.4	3.8	2.8	2.4	2.0	5.3	May 11	45.6	2.63	1.32	1967
1968	1.5	1.4	3.0	8.7	39.8	43.7	14.5	5.5	5.5	3.7	3.6	2.6	11.2	Jun 06	89.2	3.81	1.28	1968
1969	1.6	1.7	2.4	4.8	47.2	31.2	6.4	3.0	2.4	1.8	1.5	2.2	8.3	May 26	89.2	2.07	1.02	1969
1970	1.3	1.3	1.4	19.1	47.2	19.1	5.4	3.7	4.0	2.9	3.2	5.0	9.5	Apr 30	75.8	3.12	1.02	1970
1971	4.3	2.6	3.5	11.2	53.0	41.3	15.3	5.2	3.3	3.3	2.5	1.8	12.3	May 26	110.3	3.00	1.47	1971
1972	1.7	2.0	1.4	3.9	35.3	44.5	11.2	4.1	3.5	3.9	2.8	2.1	9.4	May 26	91.0	3.07	1.20	1972
1973	2.1	1.9	2.3	8.5	40.1	27.5	13.6	4.2	2.7	2.4	2.4	1.8	9.4	May 27	104.5	2.46	1.52	1973
1974	1.5	1.0	2.0	6.4	22.7	34.8	8.1	3.3	2.8	2.7	1.6	1.3	7.3	May 30	64.6	2.31	0.961	1974
1975	1.5	1.4	1.7	8.6	42.1	21.9	4.8	3.7	5.0	6.0	6.1	2.5	8.7	May 20	81.9	2.71	1.19	1975
1976	1.9	2.9	7.0	14.5	48.1	32.7	6.8	3.5	3.5	5.3	3.6	2.4	11.1	May 29	152.8	3.01	1.21	1976
1977	1.7	1.6	3.2	15.3	42.4	12.8	6.6	3.9	2.3	1.9	1.6	1.4	7.9	May 09	83.3	2.01	1.09	1977
1978	1.1	1.0	1.1	10.0	37.2	25.2	4.8	2.4	2.1	3.0	3.4	2.0	7.8	May 13	73.8	1.63	0.902	1978
1979	2.0	1.5	2.4	10.7	38.7	39.1	9.5	4.7	5.0	4.7	9.9	5.3	11.1	May 07	77.8	3.26	1.27	1979
1980	3.0	3.4	3.1	13.2	58.0	57.1	16.1	6.6	3.2	5.1	10.8	4.9	14.1	May 30	114.0	2.68	1.64	1980
1981	2.2	2.1	3.7	12.7	30.5	14.0	11.4	4.4	3.9	3.8	2.9	2.0	15.1	May 19	153.0	3.23	1.33	1981
1982	1.9	1.6	2.1	4.5	35.8	25.8	21.8	9.6	5.6	4.5	3.4	3.0	10.0	May 08	62.1	3.50	1.83	1982
1983	2.2	1.9	3.3	15.5	41.9	23.1	7.6	3.3	2.4	2.8	3.4	2.6	9.2	May 14	78.5	5.21	1.35	1983
1984	2.3	2.6	3.3	4.8	29.0	D								May 13	65.4	2.26	1.70	1984
1985	2.0	1.8	2.6	9.7	43.5	39.9	11.1	5.2	3.7	3.6	3.9	2.7	11.3	Average	109	3.05	1.30	1985
1986	8	7	11	40	188	167	48	22	16	16	16	12	574	10-Year	168	2.05	0.993	1986



**MIETTE RIVER NEAR JASPER 7AA001**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Instantaneous Peak Flow	7-Day Low Flow	Annual	Year
1960	0.75	0.60	0.63	1.17	16.13	34.84	23.80	11.90	5.44	6.10	2.66	1.94	10.61	Jun 24	91.7	3.82		1960	
1961	0.94	0.72	0.76	2.07	10.50	55.10	39.20	14.70	9.54	7.07	2.54	2.19	11.85	Jun 23	121.0	5.16		1961	
1962	1.15	0.79	0.70	1.10	10.10	33.30	28.70	14.80	7.31	4.85	5.49	2.19	9.35	Jul 05	52.4	5.00		1962	
1963	1.38	1.17	1.11	2.21	23.60	34.90	39.50	26.60	13.30	6.33	2.13	1.65	12.90	Jun 19	72.8	7.53	0.662	1963	
1964	1.14	0.88	0.61	2.14	13.90	38.40	30.40	14.90	12.80	5.39	2.35	2.03	13.73	Jun 08	80.7	9.23	0.569	1964	
1965	0.85	0.49	0.83	1.72	12.20	47.50	31.70	13.60	25.40	10.10	3.41	2.03	12.16	Jun 05	87.8	10.77	0.463	1965	
1966	0.51	0.71	0.62	1.12	10.90	43.40	28.90	10.30	5.67	3.45	0.96	1.02	12.47	Jun 04	83.9	4.51	0.406	1966	
1967	0.55	0.51	0.52	4.12	23.80	32.90	16.60	11.10	9.67	6.47	3.21	3.41	11.87	Jun 04	49.4	6.87	0.424	1967	
1968	2.01	0.85	0.88	1.40	23.90	25.80	24.60	11.70	7.37	3.13	1.93	1.60	10.62	May 26	69.3	4.04	0.723	1968	
1969	0.89	0.73	0.65	0.85	9.90	54.80	34.80	14.90	11.90	6.29	2.01	1.58	10.72	Jun 15	86.3	6.79	0.587	1969	
1970	1.19	0.84	0.88	1.55	15.40	27.20	19.10	8.58	6.97	3.86	3.72	1.34	12.38	May 31	68.7	5.35	0.771	1970	
1971	0.96	0.88	0.84	1.67	5.16	44.80	30.60	12.00	16.70	7.34	2.20	1.29	10.72	Jun 29	123.0	7.51	0.678	1971	
1972	0.99	0.86	0.75	1.37	23.60	32.30	19.90	8.59	8.12	4.06	1.99	1.05	12.38	May 25	79.4	5.99	0.637	1972	
1973	0.72	0.62	0.74	1.19	20.70	52.60	27.70	10.50	6.04	4.21	2.08	1.26	10.61	May 31	116.0	3.73	0.546	1973	
1974	0.91	0.56	0.95	2.07	26.70	40.20	15.50	17.50	6.49	3.27	2.16	1.15	12.90	Jun 13	77.2	4.63	0.371	1974	
1975	0.75	0.79	0.75	4.26	21.20	33.50	15.20	12.20	5.91	4.23	2.78	1.44	10.61	Jun 08	68.0	4.20	0.553	1975	
1976	1.10	0.89	0.84	1.60	16.50	46.60	23.90	17.20	7.49	5.83	3.48	2.16	10.62	Jun 06	74.2	6.17	0.625	1976	
1977	1.64	1.26	1.02	3.73	21.90	53.10	33.10	12.50	7.25	5.00	3.61	2.19	12.23	Jun 24	84.2	5.34	0.940	1977	
1978	1.12	0.98	0.92	3.66	28.10	50.30	43.40	25.80	11.30	4.85	2.92	1.73	14.67	Jun 12	94.2	6.63	0.687	1978	
1979	1.21	1.19	1.40	4.71	28.50	45.20	15.00	7.17	9.32	9.08	3.46	1.61	10.65	Jun 02	71.2	5.24	1.04	1979	
1980	0.95	0.66	0.75	1.25	33.40	25.50	15.80	12.90	7.55	3.52	1.84	1.57	8.87	May 15	83.3	5.25	0.482	1980	
1981	1.25	0.85	0.95	3.95	27.93	41.08	23.61	10.09	4.89	5.09	1.84	1.37	10.29	Jun 07	58.2	4.06	0.595	1981	
1982	0.96	0.99	0.84	1.08	17.90	36.30	23.80	18.90	5.17	3.22	2.21	1.89	9.49	May 30	65.4	3.48	0.674	1982	
Normal	1.02	0.78	0.78	1.96	17.01	40.62	26.84	13.53	9.63	5.39	2.71	1.71	10.80	Average	80.8	5.71	0.622	m3/s	
	4	3	3	8	72	167	114	58	40	23	11	7	541	10-Year	107	3.97	0.427	m3/s	



**MISTAYA RIVER NEAR SASKATCHEWAN CROSSING 5DA007**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean		
1960	0.80	0.66	1.00	1.97	2.74	11.70	25.00	16.20	7.74	3.14	1.21	0.89	6.12	34.0	5.92	1960	
1961	0.41	0.27	0.33	0.13	8.90	25.50	18.00	18.90	7.10	4.06	1.02	0.40	7.13	35.1	3.73	1961	
1962	0.41	0.06	0.01	0.87	4.65	13.10	18.50	16.50	7.14	3.17	1.70	0.80	5.62	27.9	4.97	1962	
1963	0.51	0.60	0.54	1.10	6.01	18.20	21.30	20.20	14.40	5.50	1.09	0.63	7.55	33.4	8.95	1963	
1964	0.45	0.35	0.85	3.29	3.29	21.70	25.30	15.00	8.72	5.77	1.94	0.80	7.05	35.7	4.51	1964	
1965	0.84	0.44	0.46	1.14	4.41	16.80	25.30	24.40	10.70	7.35	3.07	1.27	8.08	35.3	7.89	1965	
1966	0.92	0.71	0.56	0.87	6.63	12.60	22.50	17.90	11.20	4.80	2.21	0.89	6.87	30.7	9.41	1966	
1967	0.73	0.85	0.98	0.93	4.47	22.70	23.40	18.70	14.00	5.48	2.14	1.20	8.00	32.3	10.4	1967	
1968	0.85	0.47	0.32	0.83	5.18	16.40	21.80	14.80	8.64	3.11	1.69	1.02	6.28	36.2	4.74	1968	
1969	0.81	0.71	0.66	2.14	7.10	20.10	16.90	14.90	7.01	2.69	1.72	0.97	6.34	26.5	4.90	1969	
1970	0.61	0.58	0.64	0.73	3.26	19.10	20.10	16.80	6.12	2.10	1.20	0.69	6.03	26.1	2.58	1970	
1971	0.57	0.57	0.53	1.04	7.34	16.10	16.70	18.90	7.16	2.82	1.37	0.94	6.67	29.4	3.53	1971	
1972	0.68	0.46	0.53	0.70	7.49	23.40	17.60	15.30	6.50	2.87	1.70	1.01	5.82	35.1	3.77	1972	
1973	0.80	0.76	0.80	0.80	6.62	14.60	17.60	16.10	8.36	3.03	2.07	1.10	6.53	44.5	5.57	1973	
1974	0.77	0.88	0.79	1.10	3.92	20.00	19.90	16.10	8.36	3.03	2.07	1.10	6.53	44.5	5.57	1974	
1975	0.76	0.52	0.48	0.80	3.04	9.75	23.50	12.60	6.02	2.98	2.15	1.09	5.35	37.9	4.80	1975	
1976	0.84	0.85	0.83	1.10	7.88	9.84	22.70	20.50	5.46	4.13	1.29	1.02	7.04	31.4	5.88	1976	
1977	0.69	0.68	0.59	1.27	5.21	15.90	15.10	17.40	5.46	2.15	1.34	0.90	5.59	26.8	3.62	1977	
1978	0.65	0.41	0.30	0.76	3.99	15.20	24.40	15.50	12.50	3.55	2.10	1.25	6.76	30.9	5.42	1978	
1979	0.74	0.63	0.66	0.64	4.64	15.80	21.30	17.40	9.97	4.23	1.60	1.02	6.60	31.1	7.43	1979	
1980	0.61	0.43	0.41	2.31	11.90	18.00	17.40	11.10	5.84	4.05	1.42	1.07	6.24	31.4	4.71	1980	
1981	0.90	0.54	0.54	0.70	9.72	10.60	22.60	19.60	9.08	2.58	1.40	1.10	6.68	35.4	5.16	1981	
1982	0.62	0.55	0.75	0.71	3.45	19.30	21.10	16.40	12.30	3.52	1.79	1.10	6.83	34.6	6.71	1982	
1983	0.85	0.67	0.70	0.84	4.85	13.80	19.60	18.80	6.96	2.84	2.55	1.23	6.19	36.4	3.89	1983	
1984	0.81	0.71	0.59	1.16	2.25	14.20	20.70	20.30	7.89	3.70	1.08	0.88	6.22	43.8	5.57	1984	
1985	0.70	0.62	0.79	0.87	6.94	12.50	21.20	13.40	6.60	2.93	1.00	0.72	5.73	29.5	4.04	1985	
1986	0.60	0.66	0.95	1.24	8.38	23.20	17.00	15.20	7.29	2.75	1.57	0.83	6.67	42.0	3.72	1986	
1987	0.53	0.55	0.70	1.01	7.66	16.30	17.90	11.60	8.55	2.76	1.22	0.81	5.83	29.2	6.09	1987	
1988	0.48	0.45	0.47	1.74	5.55	19.20	15.20	15.10	8.28	4.16	1.87	0.77	6.12	40.2	3.98	1988	
1989	0.78	0.57	0.56	0.82	5.49	17.40	20.00	17.80	6.01	3.11	1.95	0.99	6.33	34.8	4.51	1989	
1990	0.85	0.70	0.58	1.28	4.89	17.60	23.30	18.70	8.89	3.45	2.20	1.14	7.01	33.7	7.16	1990	
1991	0.71	0.55	0.63	1.20	7.54	16.60	24.10	21.80	9.18	3.48	1.51	1.06	7.42	35.1	5.26	1991	
1992	0.81	0.73	0.86	1.48	6.36	19.80	18.30	14.40	5.79	3.63	1.91	1.10	6.28	29.3	4.06	1992	
1993	0.67	0.51	0.55	0.91	9.94	13.80	14.40	15.30	7.23	2.97	1.48	0.85	5.76	21.7	3.68	1993	
1994	0.72	0.61	0.71	1.56	6.17	13.66	19.29	15.81	7.49	3.43	1.24	0.81	6.00	25.9	5.95	1994	
1995	0.59	0.57	0.58	0.72	4.95	18.70	20.90	14.30	9.44	3.37	2.13	1.30	6.50	33.3	5.30	1995	
Normal	0.69	0.57	0.58	1.02	5.84	16.96	20.26	17.03	8.65	3.61	1.70	0.95	6.53	33.3	5.32	0.468	m <sup>3</sup> /s
	7	6	6	11	63	177	218	183	90	39	18	10	827	40.1	3.46	0.343	m <sup>3</sup> /s

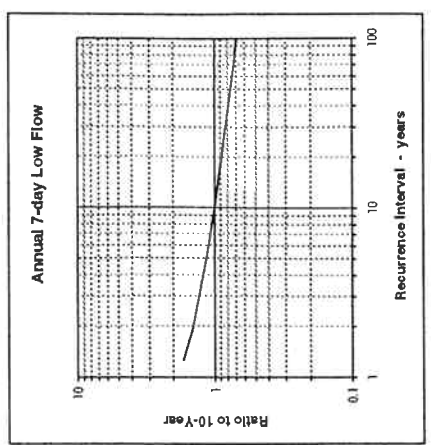
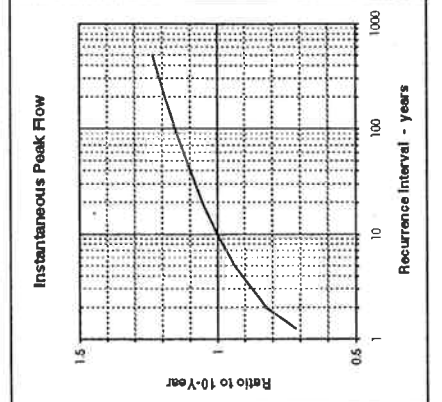
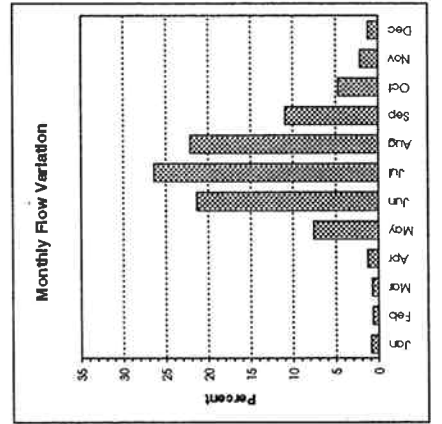
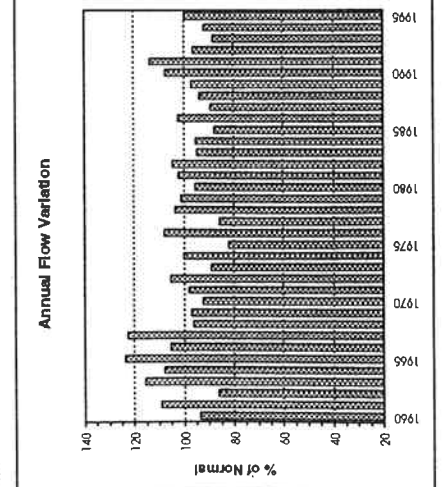
Median Elevation = 2210 m

249 km<sup>2</sup>

Drainage Area =

7-Day Low Flow

Instantaneous Peak Flow



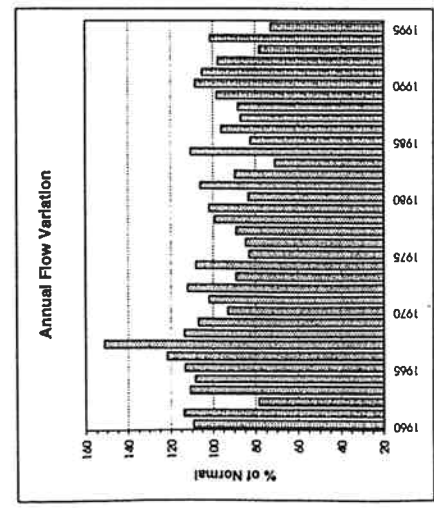
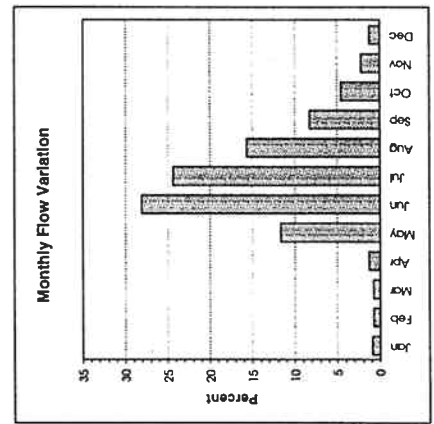
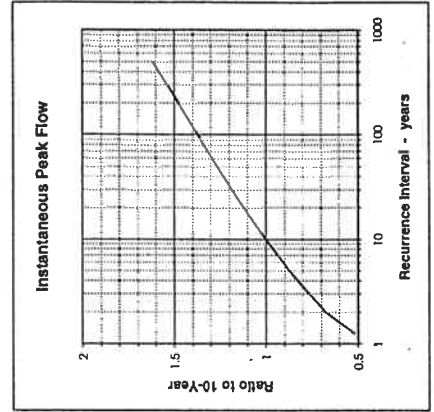
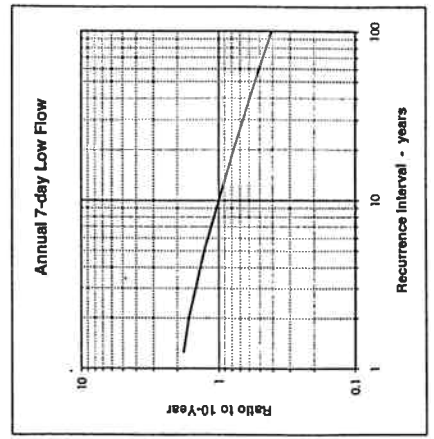
**MOOSE RIVER NEAR RED PASS 8KA008**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												7-Day Low Flow	Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Meas	date	m <sup>3</sup> /s
1960	1.77	1.09	0.98	1.99	10.90	37.90	62.70	31.70	17.80	12.50	4.96	2.20	15.6	Jun 30	112.5	13.4	0.963	1960
1961	2.03	1.68	1.70	31.20	36.20	57.10	36.20	27.60	14.20	13.70	4.20	3.11	16.2	May 27	94.0	7.15	1.11	1961
1962	2.89	2.18	1.35	2.69	7.73	25.00	31.20	32.50	13.50	6.73	5.42	2.68	11.2	Jul 24	76.0	10.6	0.991	1962
1963	1.69	2.13	1.97	3.43	17.00	50.10	46.20	29.50	21.20	10.30	3.44	2.27	15.8	Jul 04	93.0	12.8	1.42	1963
1964	1.93	1.66	1.30	1.66	11.90	59.30	51.10	23.40	14.50	11.10	5.37	2.76	15.5	Jun 13	102.0	6.54	1.30	1964
1965	1.70	1.72	1.41	1.86	11.20	52.30	54.60	40.70	10.10	10.10	4.87	2.02	16.2	Jun 11	119.0	6.71	1.25	1965
1966	1.60	1.24	1.07	1.96	32.00	42.20	60.10	33.20	18.30	12.30	6.98	1.99	17.4	Jul 09	182.0	16.6	0.979	1966
1967	1.54	1.30	1.25	1.43	10.90	113.00	67.10	28.50	21.00	7.49	3.37	2.00	16.2	Jun 27	156.0	13.6	1.12	1967
1968	1.52	1.76	1.64	1.47	19.60	47.80	57.90	28.50	21.00	6.56	3.35	2.58	15.3	Jun 05	107.0	11.7	1.02	1968
1969	1.42	1.07	1.18	3.08	24.40	61.10	34.30	29.60	13.80	6.56	3.35	2.58	15.3	Jun 27	148.0	5.70	0.307	1969
1970	1.57	1.31	0.85	0.82	18.50	64.00	34.30	21.20	8.77	5.36	1.84	0.33	13.3	Jun 27	148.0	10.5	0.34	1970
1971	0.59	1.04	1.09	2.09	29.20	43.90	37.50	28.80	16.30	8.10	3.03	1.94	14.6	Jun 08	69.0	10.5	0.95	1971
1972	1.39	1.17	1.45	1.49	21.90	75.80	38.80	27.50	10.20	7.63	2.77	1.61	16.0	Jun 12	171.0	5.57	1.11	1972
1973	1.16	1.05	1.03	1.37	18.60	40.90	35.40	23.80	13.10	9.53	3.71	2.38	12.7	Jun 24	127.0	8.09	0.995	1973
1974	1.46	1.26	1.24	1.42	10.10	57.60	49.80	30.90	15.00	9.44	3.54	2.68	15.4	Jun 17	136.0	9.95	1.23	1974
1975	1.79	1.38	1.15	1.17	11.70	33.80	42.20	18.40	10.40	6.33	10.20	3.14	11.9	Jul 06	92.0	8.69	1.03	1975
1976	1.55	1.30	1.25	3.05	17.70	27.90	37.80	24.80	16.50	7.21	3.24	2.27	12.1	Jul 01	72.0	13.5	1.18	1976
1977	1.27	1.58	1.18	3.27	16.00	44.80	36.60	26.90	11.30	4.52	2.73	1.60	12.7	Jun 08	108.3	7.19	0.991	1977
1978	1.70	1.36	1.32	1.32	13.30	57.20	48.60	24.40	13.40	6.48	2.63	1.89	14.5	Jun 30	90.0	10.4	0.741	1978
1979	1.41	1.06	0.89	4.78	24.90	35.30	25.20	18.70	14.10	9.67	3.35	3.22	11.9	Jun 16	55.0	11.1	1.03	1979
1980	1.41	1.81	1.53	2.95	50.20	30.20	37.20	28.00	14.90	4.25	4.60	1.72	15.1	May 26	148.8	6.03	1.50	1980
1981	2.69	1.81	1.19	2.28	12.30	29.60	42.60	27.80	21.50	8.48	3.05	2.33	12.8	Jun 01	75.0	12.2	1.14	1981
1982	1.28	1.16	1.19	1.28	18.20	29.80	32.60	14.50	6.09	5.65	5.38	2.07	10.1	Jun 01	66.5	4.78	1.21	1982
1983	1.78	1.53	1.29	1.80	18.20	29.80	32.60	14.50	6.09	5.65	5.38	2.07	10.1	Jun 29	149.0	10.5	0.982	1983
1984	1.68	1.34	1.12	1.97	5.77	66.50	46.60	29.60	21.00	9.84	2.25	1.76	15.8	Jun 30	87.0	7.29	1.10	1984
1985	1.20	1.23	1.51	1.90	24.30	35.30	35.30	20.20	10.70	4.93	2.21	1.30	11.8	Jun 30	90.0	7.44	1.16	1985
1986	1.25	1.06	1.46	2.42	25.70	48.70	36.60	23.60	11.70	6.51	2.84	1.85	13.7	May 31	151.0	6.19	0.98	1986
1987	1.60	1.29	1.80	3.15	21.00	45.00	30.90	22.30	11.80	5.19	2.72	1.53	12.4	Jun 13	121.0	7.44	1.10	1987
1988	1.30	1.29	1.22	5.79	22.90	41.40	31.30	25.50	10.60	4.85	2.81	1.72	12.6	Jun 27	62.5	3.68	1.17	1988
1989	1.48	1.25	1.14	2.97	24.20	51.60	33.90	29.80	10.50	5.09	3.40	2.19	14.0	Jun 14	114.4	7.27	1.10	1989
1990	1.68	1.41	1.26	2.27	24.60	54.70	45.60	35.00	14.80	5.76	3.65	2.12	15.5	Jun 24	112.0	11.4	1.21	1990
1991	1.23	1.23	1.21	4.01	22.50	41.70	45.00	35.00	17.10	6.64	1.85	1.85	15.0	Aug 31	99.0	9.55	1.17	1991
1992	1.60	1.31	1.80	6.77	24.40	55.70	25.20	19.40	11.00	13.40	4.41	2.28	13.9	Oct 24	80.0	6.60	1.13	1992
1993	1.42	1.20	1.35	3.48	34.80	31.00	20.80	21.40	10.50	4.22	2.38	1.83	11.2	May 14	111.5	5.32	1.07	1993
1994	1.68	1.14	1.60	5.32	27.60	45.80	42.50	22.00	12.90	7.46	2.74	1.78	14.5	Jul 01	75.9	9.87	0.952	1994
1995	1.39	1.04	1.19	1.97	18.00	33.70	27.90	17.00	12.60	4.44	2.86	2.26	10.4	May 30	56.4	8.90	0.923	1995
Normal	1.59	1.38	1.28	2.29	19.67	48.93	41.09	26.46	14.40	7.70	3.77	2.10	14.3	Average	107	9.28	1.06	m <sup>3</sup> /s
														10-Year	155	5.44	0.697	m <sup>3</sup> /s

Median Elevation = 2020 m

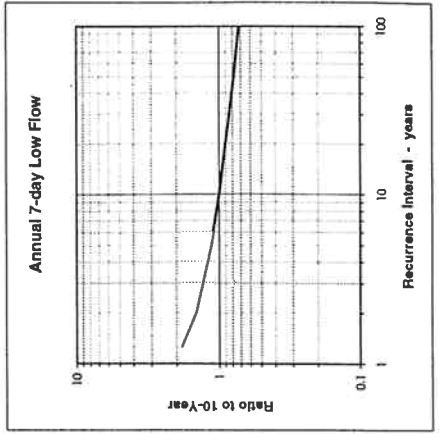
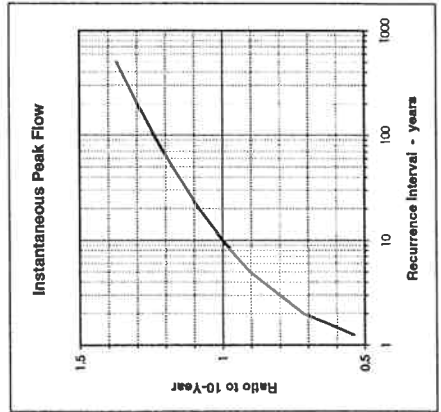
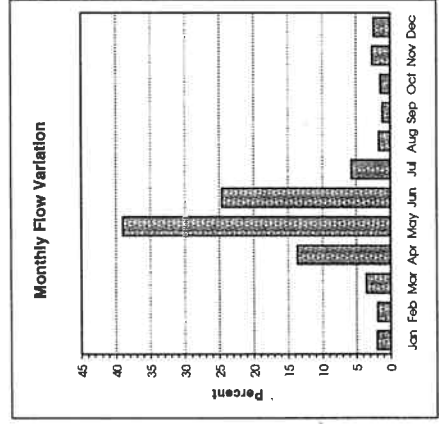
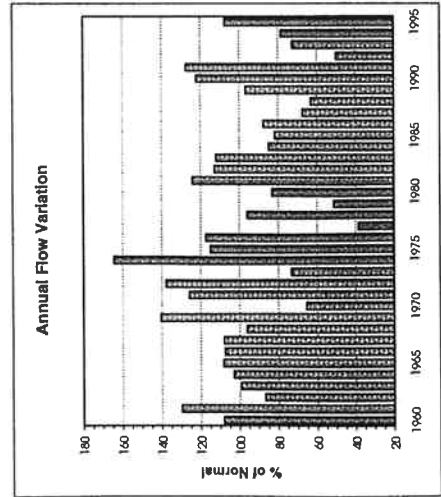
460 km<sup>2</sup>

Drainage Area =



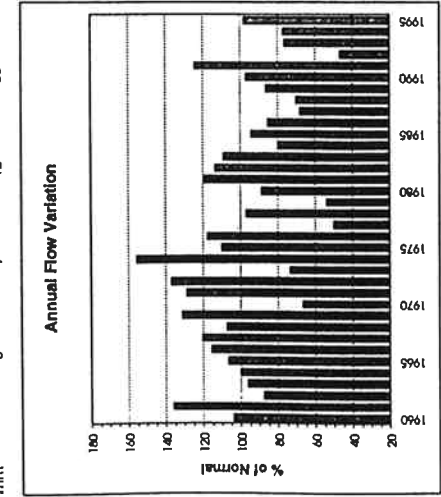
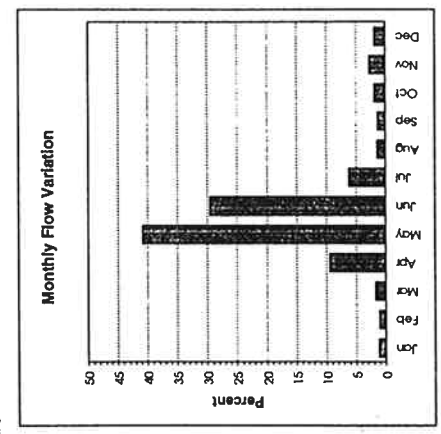
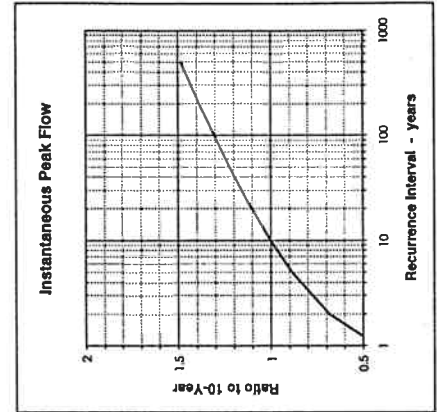
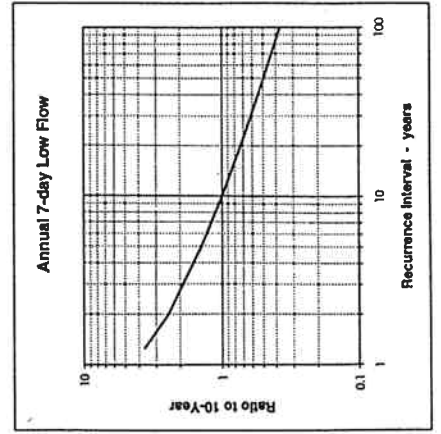
**MOYIE RIVER AT EASTPORT 8NH006**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s	
1960	6.9	5.7	16.0	53.1	84.4	59.6	10.2	3.7	2.8	2.7	4.3	4.4	21.1	May 13	173	2.35	2.08	1960
1961	4.1	7.5	11.1	35.2	132.0	87.4	10.4	3.1	2.2	3.5	3.4	3.7	25.4	May 27	239	1.77	1.77	1961
1962	3.0	3.5	2.9	42.2	75.0	46.6	7.3	3.0	2.2	3.4	6.1	3.0	17.0	May 25	112	1.81	1.81	1962
1963	5.4	10.3	9.7	31.0	86.0	51.7	15.7	4.2	2.6	3.0	6.1	6.2	19.4	May 24	125	2.42	1.94	1963
1964	4.7	3.7	3.5	20.7	96.9	79.7	12.4	4.1	2.7	4.5	4.8	3.8	20.1	May 21	197	2.38	2.38	1964
1965	3.1	4.2	5.9	43.3	97.9	64.8	12.6	4.5	3.7	3.4	5.5	4.6	21.2	May 16	138	3.43	2.93	1965
1966	4.3	3.2	6.1	41.5	107.0	62.4	12.4	3.3	1.8	1.9	3.0	4.3	21.0	May 10	187	1.49	1.49	1966
1967	4.2	5.7	5.2	14.1	99.4	97.9	14.7	2.6	1.2	1.8	3.0	7.6	21.1	May 23	217	0.967	0.967	1967
1968	2.2	5.0	10.7	13.1	85.9	60.6	11.3	3.8	5.2	8.4	11.1	3.4	18.8	May 23	132	2.94	1.61	1968
1969	4.8	4.6	7.3	71.2	125.0	68.0	4.2	4.2	2.5	3.7	4.1	3.4	27.4	May 14	192	1.99	1.99	1969
1970	3.0	3.0	3.4	9.0	77.9	40.9	6.1	2.3	1.8	1.5	1.9	12.8	12.5	May 26	125	1.53	1.34	1970
1971	3.3	9.8	5.8	39.4	132.0	71.9	17.7	3.7	2.5	2.4	3.3	2.4	24.6	May 12	208	2.23	1.42	1971
1972	2.3	3.4	24.7	28.4	126.0	93.2	23.8	6.2	3.6	4.3	3.7	2.7	26.9	Jun 01	209	2.89	1.80	1972
1973	3.5	2.8	5.4	18.9	74.5	37.3	7.0	2.1	1.7	2.4	8.1	7.3	14.3	May 18	153	1.35	1.35	1973
1974	16.9	9.2	9.2	53.2	113.0	138.0	26.0	6.6	3.5	2.2	4.0	4.1	32.2	Jun 17	198	2.71	2.00	1974
1975	2.7	2.7	4.2	12.2	94.2	84.9	14.8	4.7	4.5	6.1	13.0	24.6	22.5	May 16	165	3.56	2.01	1975
1976	8.8	6.3	5.7	40.1	122.0	51.6	18.0	8.4	5.3	3.1	2.7	2.2	22.9	May 11	258	3.66	1.93	1976
1977	2.2	2.4	2.2	12.9	34.1	16.3	3.7	2.0	2.1	2.5	4.1	5.6	7.5	May 03	57	1.54	1.54	1977
1978	3.0	2.7	7.7	32.0	92.2	53.4	15.4	4.0	4.0	3.9	3.6	2.2	18.7	May 15	133	3.21	1.74	1978
1979	1.7	2.0	4.5	11.0	62.6	23.4	5.0	1.7	1.4	1.2	1.3	4.0	10.0	May 06	87	1.06	0.970	1979
1980	2.5	2.6	4.3	44.5	87.8	24.6	6.7	3.2	3.1	2.5	4.7	8.1	16.2	Apr 29	169	2.74	1.70	1980
1981	11.7	8.2	11.1	31.6	101.0	77.1	25.4	8.1	3.6	4.3	4.4	3.7	24.3	May 26	153	3.09	2.86	1981
1982	3.1	9.9	12.2	22.3	98.6	74.2	18.8	5.0	3.6	5.3	5.4	5.6	22.1	May 26	174	3.20	2.68	1982
1983	7.0	7.2	18.2	36.8	89.9	46.6	20.7	7.7	3.8	3.1	1.5	5.1	21.9	May 26	152	3.02	2.60	1983
1984	8.7	6.6	8.3	28.4	55.5	66.5	13.4	3.0	1.8	1.6	2.5	3.0	16.6	May 30	116	1.51	1.46	1984
1985	1.9	1.9	2.5	22.7	76.4	43.9	5.0	2.0	3.2	8.0	18.1	5.3	16.0	May 20	124	1.41	1.36	1985
1986	4.0	5.3	23.9	42.6	66.8	33.1	7.5	2.9	2.2	3.4	6.6	6.2	17.1	May 28	110	1.74	1.74	1986
1987	3.9	3.6	3.5	40.2	64.1	16.0	5.5	2.9	1.5	1.1	1.3	2.1	13.2	May 01	151	1.23	1.07	1987
1988	1.9	1.9	3.5	36.9	55.7	27.9	5.5	1.9	1.5	2.2	5.3	3.9	12.3	May 13	94	1.12	1.12	1988
1989	3.9	2.4	4.7	42.4	92.8	42.2	8.0	3.6	3.0	2.7	12.0	8.1	18.9	May 08	165	2.30	1.81	1989
1990	6.8	5.4	9.1	57.8	72.5	76.7	14.2	4.2	2.2	2.5	21.1	14.0	23.9	Jun 07	145	1.74	1.70	1990
1991	5.5	11.2	11.2	51.2	105.0	75.7	21.2	5.0	2.5	1.8	2.3	2.5	24.9	May 19	181	2.12	1.53	1991
1992	2.3	3.9	8.3	27.5	44.9	12.2	6.9	2.5	1.9	2.0	2.6	2.0	9.8	May 08	77	1.57	1.57	1992
1993	2.3	2.1	4.6	20.7	65.4	22.4	23.8	10.6	5.6	4.9	3.1	3.7	14.2	May 14	126	4.80	1.77	1993
1994	3.5	3.1	11.1	51.1	64.6	32.3	8.2	2.2	1.4	1.6	2.1	2.4	15.3	Apr 22	109	1.13	1.13	1994
1995	2.9	5.5	16.7	23.4	72.6	54.6	12.9	4.1	2.7	6.1	20.9	28.4	21.0	May 10	122	2.25	2.24	1995
Normal	4.6	4.9	8.3	32.5	89.8	56.6	13.2	4.0	2.8	3.3	6.3	5.5	19.5	Average	152	2.23	1.76	m <sup>3</sup> /s
	8	8	15	57	163	103	24	7	5	6	11	10	417	10-Year	213	1.25	1.17	m <sup>3</sup> /s



**MOYIE RIVER ABOVE NEGRO CREEK 8NH120**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area =	235 km <sup>2</sup>	Median Elevation = 1630 m							Mean	date	m <sup>3</sup> /s	7-Day Low Flow			Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Jan	Feb	Mar	Apr	May	Jun	Jul				Annual	Year		
1960	0.69	0.61	0.76	8.54	24.80	20.50	2.85	0.88	0.97	0.95	0.87	0.85	5.15	May 16	60.0	0.615	0.211	0.555	1960									
1961	0.66	0.66	1.02	7.04	31.10	21.60	3.86	0.55	0.24	0.39	0.89	0.88	6.74	May 27	69.7	0.211	0.211	0.211	1961									
1962	0.47	0.51	0.45	1.87	29.80	32.70	3.30	0.37	0.15	0.44	0.98	0.57	4.35	May 21	84.1	0.147	0.147	0.147	1962									
1963	0.65	0.81	1.68	2.45	26.20	19.40	2.69	0.93	1.87	2.72	2.94	1.40	4.78	Jun 02	72.8	0.530	0.398	0.398	1963									
1964	0.47	0.61	0.80	11.20	33.60	22.50	4.76	0.42	0.50	1.22	0.86	0.56	4.96	May 14	61.0	0.265	0.265	0.265	1964									
1965	0.73	0.57	0.46	0.96	21.40	12.30	1.15	0.25	0.54	0.53	0.43	0.40	5.15	May 26	50.3	0.117	0.117	0.117	1965									
1966	0.52	1.11	0.65	5.50	36.60	23.30	5.89	0.71	0.63	0.51	0.51	0.42	4.96	May 26	60.0	0.407	0.349	0.349	1966									
1967	0.52	0.52	1.38	2.07	31.60	29.70	9.84	1.48	1.16	1.34	1.02	0.71	5.15	May 31	98.5	0.726	0.437	0.437	1967									
1968	0.55	0.52	0.72	2.94	31.60	11.70	1.62	0.38	0.42	0.92	1.51	1.56	3.65	May 17	78.2	0.261	0.261	0.261	1968									
1969	0.73	0.70	1.07	6.48	24.70	46.10	8.21	1.43	0.63	0.40	0.65	0.47	7.73	Jun 16	93.4	0.780	0.339	0.339	1969									
1970	0.45	0.43	0.41	1.40	20.50	23.90	3.92	1.40	1.37	2.17	3.73	5.68	5.46	Jun 05	50.7	0.460	0.460	0.460	1970									
1971	0.45	1.10	1.19	5.27	32.00	17.10	5.52	2.79	1.22	0.69	0.67	0.50	5.83	May 11	101.0	0.768	0.482	0.482	1971									
1972	0.66	0.42	0.46	5.46	11.70	5.64	0.91	0.50	1.02	1.08	1.11	0.84	2.48	May 02	30.0	0.298	0.298	0.298	1972									
1973	0.58	0.55	1.35	5.43	21.60	17.80	4.75	0.28	0.23	0.36	0.27	0.30	4.82	May 21	50.4	0.675	0.431	0.431	1973									
1974	0.46	0.34	0.65	2.64	17.80	7.14	1.31	0.80	0.23	0.52	2.24	2.47	4.39	May 24	31.7	0.141	0.141	0.141	1974									
1975	0.20	0.25	0.45	1.00	26.10	7.32	1.07	0.49	0.49	0.52	0.79	0.58	5.93	May 25	64.6	0.200	0.200	0.200	1975									
1976	1.64	1.07	1.54	7.37	29.40	17.60	7.13	1.64	0.55	1.46	0.79	0.58	5.93	May 25	64.6	0.200	0.200	0.200	1976									
1977	0.60	0.60	1.46	3.13	24.00	24.80	4.80	1.33	1.17	2.26	1.64	1.29	5.63	Jun 15	75.5	0.628	0.506	0.506	1977									
1978	0.92	0.86	1.45	7.21	24.30	15.20	6.16	1.68	0.89	0.68	4.11	1.22	5.41	May 25	50.6	0.633	0.633	0.633	1978									
1979	1.60	1.37	1.32	5.39	14.10	18.50	3.15	0.51	0.41	0.41	0.46	0.34	3.95	May 30	41.7	0.238	0.238	0.238	1979									
1980	0.29	0.25	0.30	4.47	26.90	13.60	0.83	0.36	1.56	3.76	3.59	0.85	4.67	May 21	67.1	0.172	0.172	0.172	1980									
1981	0.59	0.76	3.47	8.53	20.00	9.54	1.96	0.35	0.77	1.90	1.52	1.03	4.24	May 27	47.4	0.252	0.252	0.252	1981									
1982	0.80	0.67	1.75	9.24	19.20	5.41	1.37	0.53	0.25	0.23	0.30	0.55	3.37	May 01	59.4	0.177	0.177	0.177	1982									
1983	0.33	0.22	0.49	7.28	17.70	9.87	1.36	0.34	0.42	0.95	2.04	0.79	3.48	May 12	40.0	0.069	0.069	0.069	1983									
1984	0.64	0.43	0.48	5.86	20.60	14.30	1.83	0.62	0.54	0.77	3.85	1.23	4.27	May 07	47.7	0.345	0.289	0.289	1984									
1985	0.67	0.63	0.70	9.42	16.70	17.70	3.16	0.68	0.35	0.76	5.06	2.01	4.82	Jun 04	34.3	0.252	0.246	0.246	1985									
1986	1.19	1.49	1.12	7.82	28.60	25.10	6.16	1.17	0.23	0.23	0.24	0.23	6.16	Jun 11	65.6	0.353	0.162	0.162	1986									
1987	0.26	0.37	0.99	6.37	12.50	2.93	1.82	0.45	0.41	0.39	0.69	0.80	2.30	Apr 30	35.0	0.256	0.212	0.212	1987									
1988	0.33	0.29	0.49	2.60	18.60	10.40	7.33	1.63	0.97	0.95	0.71	0.80	3.79	May 12	39.8	0.953	0.263	0.263	1988									
1989	0.57	0.44	0.74	13.91	19.11	7.97	1.49	0.23	0.10	0.43	0.38	0.37	3.82	May 13	63.4	0.043	0.043	0.043	1989									
1990	0.41	0.45	0.64	3.35	20.10	17.20	3.52	1.36	0.54	2.25	5.68	2.75	4.87	Jun 06	46.3	0.326	0.326	0.326	1990									
1991	0.72	0.68	1.02	5.70	23.92	17.90	3.59	0.84	0.77	1.10	1.67	1.06	4.97	Average	59.3	0.379	0.280	0.280	1991									
1992	8	7	12	63	273	197	41	10	9	13	18	12	667	10-Year	85.2	0.114	0.110	0.110	1992									
1993	8	7	12	63	273	197	41	10	9	13	18	12	667	10-Year	85.2	0.114	0.110	0.110	1993									
1994	8	7	12	63	273	197	41	10	9	13	18	12	667	10-Year	85.2	0.114	0.110	0.110	1994									
1995	8	7	12	63	273	197	41	10	9	13	18	12	667	10-Year	85.2	0.114	0.110	0.110	1995									
1996	8	7	12	63	273	197	41	10	9	13	18	12	667	10-Year	85.2	0.114	0.110	0.110	1996									



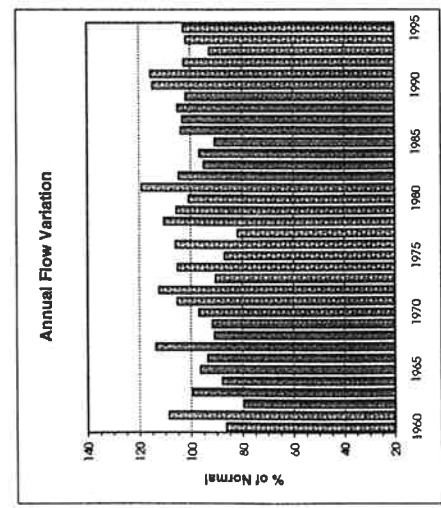
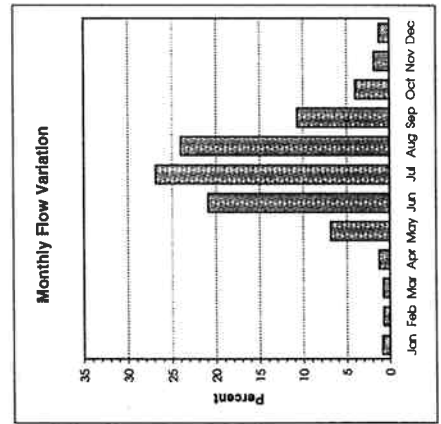
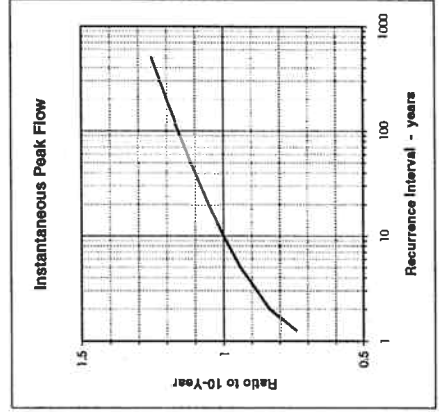
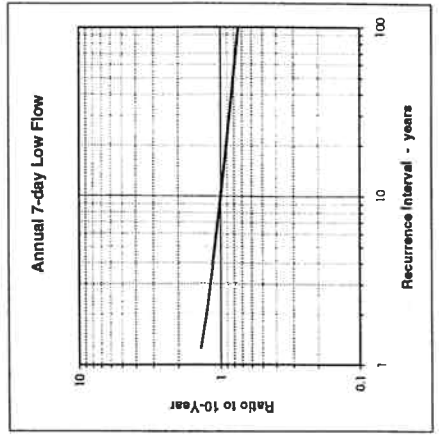






# NORTH SASKATCHEWAN RIVER AT WHIRLPOOL POINT 5DA009

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												1920 km <sup>2</sup>	Median Elevation = 2200 m	Instantaneous Peak Flow		7-Day Low Flow	Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date		
1960	5.29	4.49	3.95	8.19	20.5	87	191	124	51.1	18.1	14.2	7.53	44.8	Jul 20	257		1960	
1961	5.86	5.59	5.45	7.17	62.4	185	159	154	43.5	26.0	11.1	6.76	56.3	Jun 20	255		1961	
1962	4.77	4.73	3.56	9.56	29.3	94	134	121	48.9	19.2	12.9	8.28	41.2	Jun 26	229		1962	
1963	5.73	6.15	5.99	8.99	38.8	116	146	137	102.8	30.8	10.4	7.75	51.6	Aug 13	248		1963	
1964	5.51	5.40	4.87	6.91	21.5	115	177	109	51.7	24.2	15.3	8.13	45.6	Jul 14	278		1964	
1965	5.48	5.48	4.64	7.06	31.4	114	182	174	29.5	17.8	15.5	8.36	50.0	Jul 09	272		1965	
1966	5.63	4.74	4.51	8.83	38.4	93	158	135	83.0	29.1	10.2	7.6	48.5	Aug 05	226		1966	
1967	4.95	4.53	5.62	7.86	30.6	165	172	158	108.1	25.3	11.2	10.2	58.9	Jul 05	259		1967	
1968	3.47	3.23	2.25	7.29	39.1	189	127	121	53.5	16.5	9.6	7.0	47.5	Jun 17	225	22.8	1968	
1969	3.16	3.28	3.55	3.82	22.3	149	181	151	50.8	17.9	7.6	5.5	50.3	Jul 09	236	31.6	1969	
1970	4.94	4.59	3.84	6.70	57.6	124	137	204	68.7	23.3	9.8	5.53	54.6	Aug 09	286	33.6	1970	
1971	3.52	4.07	5.36	6.00	52.6	198	150	175	59.8	24.1	12.2	7.57	58.3	Jun 11	377	27.9	1971	
1972	5.82	5.05	5.19	6.60	45.8	117	139	134	61.3	20.8	10.8	7.13	46.9	Jun 24	303	34.8	1972	
1973	5.25	5.49	4.71	9.04	27.6	159	168	150	75.7	26.9	10.4	8.19	54.6	Jun 24	337	42.9	1973	
1974	6.03	4.64	4.93	5.79	21.1	90	202	108	50.8	29.4	12.6	8.14	45.1	Jul 14	303	41.1	1974	
1975	5.92	5.14	4.54	7.40	54.8	80	179	177	95.0	29.4	9.4	7.22	54.9	Aug 04	260	43.6	1975	
1976	5.9	5.62	5.32	9.51	31.4	116	110	146	46.9	14.5	8.8	6.52	42.4	Jun 09	213	27.4	1976	
1977	4.98	4.85	4.65	7.65	28.6	138	210	138	97.9	32.9	12.6	8.02	57.2	Jul 28	274	45.0	1977	
1978	5.39	4.92	5.89	6.06	30.0	119	178	167	87.1	32.9	9.2	6.32	54.7	Jul 22	278	59.5	1978	
1979	5.29	4.57	4.8	17.40	66.8	148	151	101	51.0	32.2	11.8	10.9	52.3	Jun 17	286	34.3	1979	
1980	6.96	4.97	5.86	7.52	73.4	88	214	205	87.5	20.4	12.5	7.77	61.7	Jul 29	293	39.8	1980	
1981	5.03	4.98	4.38	5.95	23.3	165	182	114	98.2	26.8	11.0	7.76	54.3	Jul 22	334	58.8	1981	
1982	5.72	5.16	4.63	6.72	39.1	112	112	160	58.1	21.5	16.5	7.82	49.2	Jul 13	268	31.3	1982	
1983	5.17	5.19	4.88	7.87	15.4	125	158	174	60.0	29.3	7.4	6.25	50.1	Jun 30	333	36.1	1983	
1984	5.04	4.73	5.7	6.71	55.4	94	185	121	47.4	17.7	10.0	6.18	47.0	Jul 11	252	26.8	1984	
1985	4.92	4.1	5.36	8.00	60.5	192	128	141	57.7	22.4	12.0	6.73	53.8	Jun 02	319	27.7	1985	
1986	5.54	5.57	5.75	8.53	65.9	150	111	111	78.3	24.2	10.1	5.14	53.5	Jul 31	246	54.9	1986	
1987	3.72	4.02	4.05	14.00	49.9	158	142	144	74.8	35.9	13.3	8.17	54.5	Jun 08	297	29.0	1987	
1988	6.29	5.23	5.12	8.20	34.4	140	169	166	52.4	23.9	10.2	8.3	52.8	Aug 02	265	37.0	1988	
1989	6.15	5.53	5.35	9.93	39.9	137	201	183	74.9	23.5	13.8	8.04	59.4	Jul 14	285	61.9	1989	
1990	6.66	6.72	5.08	8.63	51.7	125	191	193	79.6	31.0	8.0	7.13	59.8	Aug 11	269	46.9	1990	
1991	7.27	6.23	6.24	11.40	50.5	169	158	132	47.9	29.4	11.2	6.5	53.1	Jun 28	255	33.3	1991	
1992	4.28	4.19	5.29	7.25	80.2	112	121	133	62.2	25.1	9.6	7.49	48.0	Jul 30	192	32.6	1992	
1993	5.68	4.34	4.68	11.10	53.1	115	171	146	71.6	30.7	7.5	6.95	52.7	Jul 27	251	56.3	1993	
1994	5.83	4.68	4.09	5.98	39.4	156	183	112	80.1	24.7	11.3	8.41	53.2	Jul 27	268	48.7	1994	
1995	5.33	4.87	4.78	7.90	42.1	132	164	147	67.5	24.1	11.3	7.47	51.8	Average	272	39.7	1995	
Normal	7	6	7	11	59	178	229	204	91	34	15	10	852	10-Year	323	26.5	3.42	



**PALLISER RIVER IN LOT SL49 8NF006**

Monthly and Annual Discharge in m<sup>3</sup>/s

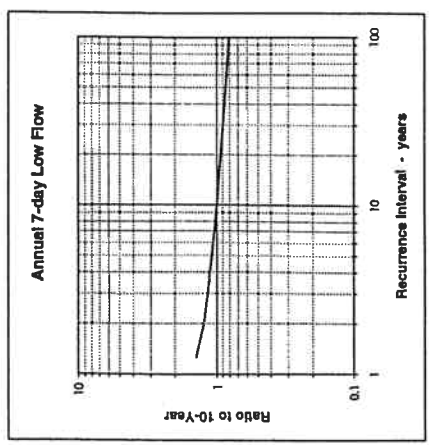
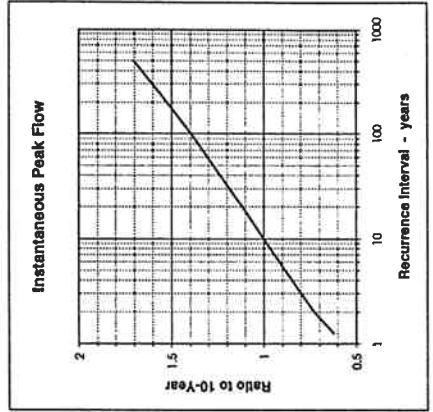
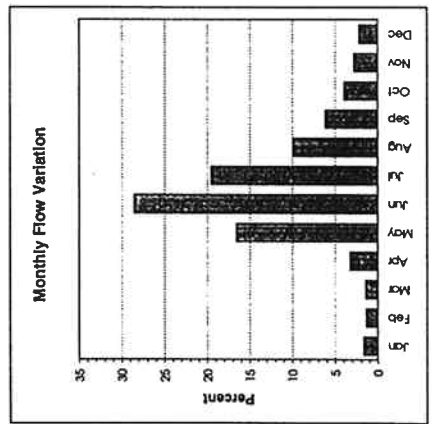
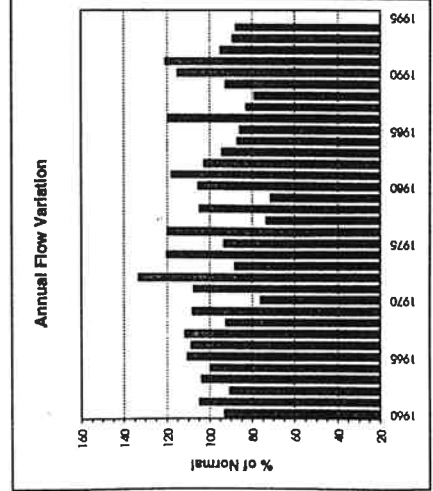
Drainage Area = 657 km<sup>2</sup>

Median Elevation = 2010 m

Instantaneous Peak Flow

7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year	
1960	2.4	2.5	2.1	2.9	23.8	51.4	35.0	15.1	10.0	7.2	4.3	4.0	14.2	Jun 24	104.0	7.41	1.83	1960	
1961	3.2	2.6	2.4	3.6	23.1	86.8	49.0	22.3	11.4	6.4	4.4	4.0	15.9	Jun 17	183.0	9.10	2.22	1961	
1962	2.4	2.3	2.3	3.0	14.8	47.7	48.1	18.3	12.8	7.1	6.1	5.1	13.8	Jul 04	109.0	8.97	2.02	1962	
1963	3.9	3.4	3.3	7.9	36.4	46.2	47.6	30.3	19.3	9.4	5.0	3.8	15.8	Jun 30	103.0	14.2	2.67	1963	
1964	3.0	2.8	2.6	5.4	19.7	38.6	18.4	16.8	11.6	6.9	4.9	3.3	16.8	Jun 08	96.4	9.30	2.16	1964	
1965	3.1	2.1	2.4	5.7	21.9	62.7	39.1	15.6	16.8	9.9	6.7	5.3	16.5	Jun 06	99.9	12.7	1.55	1965	
1966	4.1	4.4	4.3	3.1	20.9	41.6	22.6	11.6	7.2	4.3	2.8	3.1	16.5	May 27	104.0	5.65	2.26	1966	
1967	2.1	2.1	2.0	11.7	54.4	50.0	24.6	15.3	10.0	8.9	5.1	6.0	17.0	May 26	85.2	9.19	1.67	1967	
1968	4.7	2.9	3.0	6.0	43.2	44.3	54.7	25.3	11.9	8.1	5.5	4.2	14.1	May 26	125.0	8.22	2.36	1968	
1969	2.7	2.9	2.4	3.0	25.8	66.0	35.0	19.4	13.2	7.1	5.2	4.5	16.6	Jun 17	107.0	10.2	2.19	1969	
1970	3.5	3.0	2.6	6.2	27.5	47.1	41.8	16.8	9.0	5.4	5.8	3.0	15.6	May 30	94.2	7.33	2.25	1970	
1971	3.3	2.6	2.5	5.3	14.8	58.2	33.1	15.4	10.6	6.9	3.8	2.9	13.3	Jun 29	100.0	8.54	2.39	1971	
1972	2.7	1.9	2.0	5.7	37.5	44.1	23.5	12.6	11.2	6.7	4.9	3.4	13.1	May 23	90.0	8.55	1.59	1972	
1973	3.1	2.8	3.2	6.1	39.1	69.4	43.4	21.3	9.4	8.9	6.5	4.4	18.2	May 29	172.2	7.21	2.25	1973	
1974	2.5	2.1	2.7	8.8	44.2	34.5	21.3	15.3	8.5	4.6	3.1	2.8	12.6	May 12	90.3	6.91	1.73	1974	
1975	2.0	1.8	2.0	6.1	27.3	46.4	23.5	11.4	7.8	6.7	5.5	3.5	12.0	Jun 08	86.4	6.80	1.54	1975	
1976	2.9	2.2	2.0	4.8	25.7	53.7	25.9	19.2	14.0	6.3	7.3	4.7	14.1	Jun 06	79.6	9.26	1.72	1976	
1977	3.4	2.9	2.9	12.6	32.7	65.7	45.3	17.9	9.2	7.1	6.1	3.7	17.5	Jun 24	108.0	7.46	2.22	1977	
1978	3.1	3.1	2.8	6.0	33.3	64.3	25.6	10.2	10.2	5.3	3.7	3.1	18.4	Jul 04	112.0	7.58	2.61	1978	
1979	2.5	2.4	2.8	8.2	38.9	45.0	29.5	14.4	10.1	9.6	5.6	4.0	14.5	May 27	87.2	8.49	2.25	1979	
1980	2.6	2.3	2.4	4.0	41.2	36.7	32.3	16.6	10.4	5.8	4.1	3.6	13.6	May 15	85.5	7.60	2.06	1980	
1981	2.9	2.3	2.8	8.8	33.3	46.0	31.2	12.7	7.0	4.5	3.7	4.1	13.3	Jun 24	69.7	6.43	1.79	1981	
1982	3.7	2.7	2.5	D													1.84	1982	
1983	3.0	2.6	2.6	6.0	29.7	53.0	35.1	17.8	11.3	7.1	5.2	4.0	15.2	Average	104	8.50	2.05	1983	
1984	12	10	11	24	121	209	143	72	45	29	20	16	732	10-Year	136	6.51	1.64	1984	
1985																			1985
1986																			1986
1987																			1987
1988																			1988
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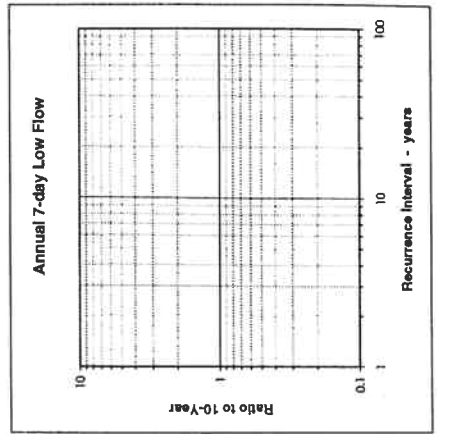
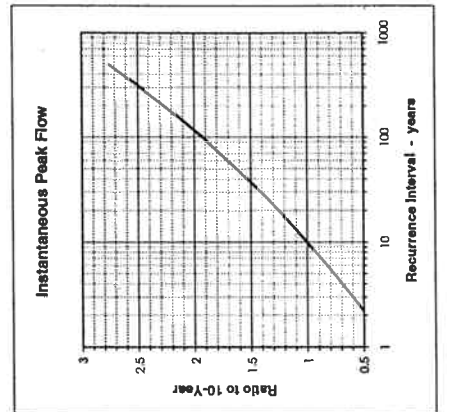
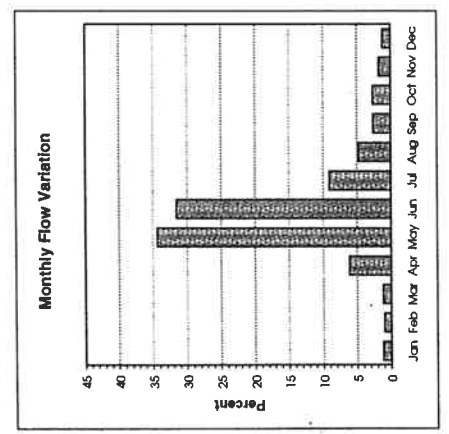
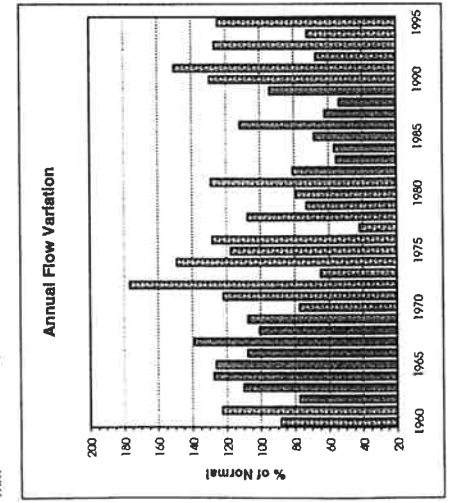


# RACEHORSE CREEK NEAR THE MOUTH 5AA027

Monthly and Annual Discharge in m<sup>3</sup>/s      Drainage Area =      217 km<sup>2</sup>      Median Elevation = 1815 m      7-Day Low Flow

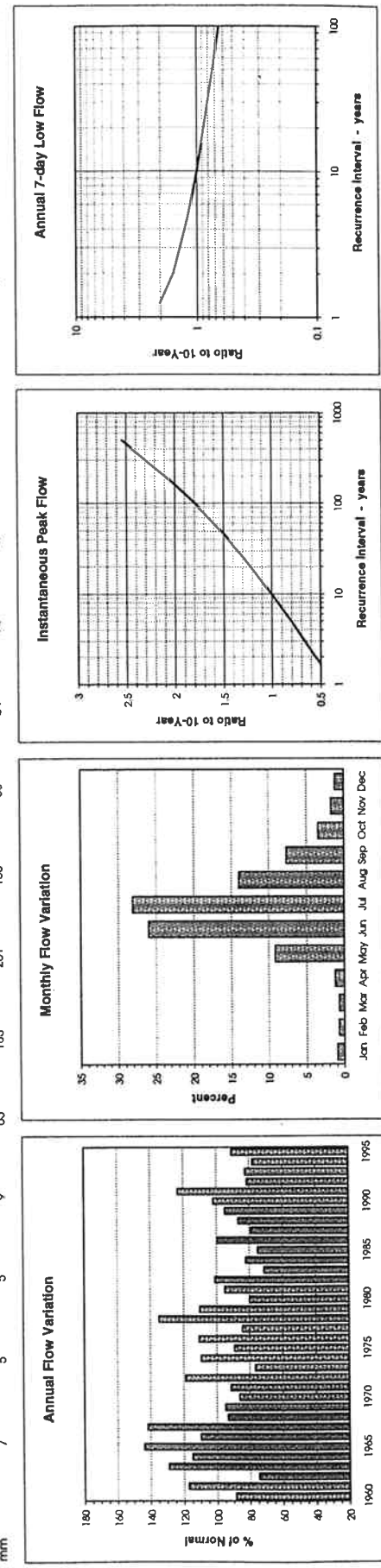
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year
1960	0.46	0.40	0.35	2.07	12.14	10.10	3.40	1.32	0.66	0.67	0.66	0.46	2.24	May 28	24.6	0.555		1960
1961	0.22	0.21	0.19	0.50	12.90	20.60	4.81	1.05	0.47	0.50	0.47	0.33	3.11	May 30	58.9	0.333		1961
1962	0.28	0.26	0.38	0.62	10.20	11.10	3.04	1.05	1.30	1.52	1.30	0.35	2.56	May 22	44.2	0.579		1962
1963	0.36	0.30	0.33	4.14	10.30	10.10	4.20	1.07	0.67	0.51	0.42	0.26	2.73	Jun 26	23.1	0.593		1963
1964	0.40	0.42	0.40	0.43	8.80	9.18	1.66	0.61	0.60	0.46	0.29	0.44	1.97	May 26	25.3	0.468		1964
1965	0.30	0.26	0.27	1.61	15.50	12.60	2.91	0.99	0.63	0.90	0.65	0.44	3.09	May 27	31.4	0.516		1965
1966	0.72	0.53	0.80	1.65	17.90	20.80	5.30	2.14	1.34	1.35	0.75	0.48	4.48	May 31	59.7	1.04		1966
1967	0.40	0.37	0.37	0.82	7.73	6.55	1.50	0.61	0.44	0.62	0.28	0.25	1.65	May 17	23.1	0.386		1967
1968	0.24	0.29	0.30	1.82	12.50	22.20	4.74	1.33	0.71	0.42	0.40	0.27	3.79	Jun 16	44.5	0.649		1968
1969	0.22	0.22	0.22	0.42	8.90	16.10	4.78	1.58	0.88	1.02	0.85	0.63	2.98	Jun 20	46.7	0.686		1969
1970	0.48	0.40	0.33	2.50	13.30	5.24	2.62	10.90	1.59	0.74	0.44	0.26	3.26	Aug 05	88.6	1.11		1970
1971	0.28	0.31	0.26	1.59	3.73	2.16	0.71	1.03	1.27	0.68	0.44	0.29	1.06	May 11	10.0	0.554		1971
1972	0.29	0.28	0.37	1.34	11.00	10.30	4.87	1.66	0.98	0.74	0.45	0.28	2.73	Jun 06	26.0	0.832		1972
1973	0.35	0.36	0.38	0.87	9.42	7.06	1.72	0.76	0.46	0.36	0.22	0.21	1.85	May 26	35.0	0.387		1973
1974	0.31	0.24	0.24	4.27	9.47	5.23	1.31	0.76	0.89	0.62	0.44	0.34	2.01	Apr 30	30.9	0.506		1974
1975	0.56	0.37	0.49	2.58	18.50	11.30	2.72	1.07	0.57	0.48	0.26	0.14	3.27	May 25	65.8	0.489		1975
1976	0.37	0.37	0.42	0.62	7.09	10.80	2.65	0.77	0.60	0.67	0.29	0.15	2.05	Jun 15	20.6	0.512		1976
1977	0.30	0.32	0.35	1.17	6.06	4.65	1.88	0.76	0.46	0.41	0.36	0.15	1.41	May 25	14.6	0.413		1977
1978	0.25	0.18	0.25	1.24	4.72	6.86	1.81	0.61	0.47	0.43	0.30	0.19	1.44	May 30	15.0	0.414		1978
1979	0.18	0.17	0.21	1.62	6.91	5.15	1.05	0.69	0.51	1.76	0.97	0.50	1.73	Jun 07	22.6	0.524		1979
1980	0.57	0.48	0.42	3.44	7.67	8.31	1.69	0.71	0.72	1.11	0.63	0.39	2.84	May 28	45.7	0.543		1980
1981	0.47	0.42	0.41	3.44	4.86	2.36	1.64	1.08	0.51	0.36	0.24	0.19	1.58	Apr 29	17.7	0.428		1981
1982	0.17	0.23	0.22	1.80	9.49	9.01	2.13	0.93	1.15	1.16	1.23	1.09	2.39	Jun 07	16.5	0.355		1982
1983	0.28	0.25	0.28	1.78	12.90	11.20	3.70	1.48	0.60	0.51	0.32	0.24	1.36	May 06	21.2	0.668		1983
1984	0.57	0.40	0.44	3.54	17.00	14.50	6.39	1.64	0.70	0.61	0.50	0.40	3.81	May 25	55.1	0.503		1984
1985	0.36	0.41	0.32	2.81	3.25	3.25	6.02	1.59	0.96	0.89	0.38	0.31	1.70	May 19	58.5	0.582		1985
1986	0.39	0.41	0.49	2.08	8.16	10.40	8.92	3.58	2.39	1.45	0.58	0.34	3.22	Jul 09	21.2	0.869		1986
1987	0.45	0.43	0.38	1.30	8.16	4.69	1.55	0.73	0.39	0.39	0.35	0.27	1.84	Jun 02	33.7	2.05		1987
1988	0.50	0.38	0.47	3.78	8.45	4.69	1.55	0.73	0.39	0.39	0.35	0.27	1.84	May 12	13.5	0.321		1988
1989	0.36	0.28	0.35	1.03	8.81	18.80	4.42	1.32	0.62	0.83	0.61	0.52	3.16	Jun 06	243.0	0.501		1989
Normal	0.36	0.32	0.36	1.89	10.28	9.76	2.71	1.42	0.80	0.78	0.54	0.36	2.54	Average	41.2	0.612		m <sup>3</sup> /s

mm      4      4      4      23      127      117      33      17      10      10      6      4      4      369      10-Year      61.5      0.372      m<sup>3</sup>/s



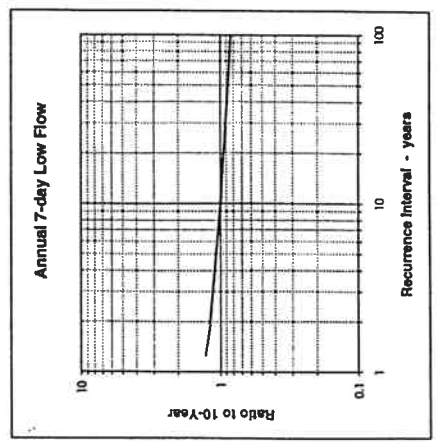
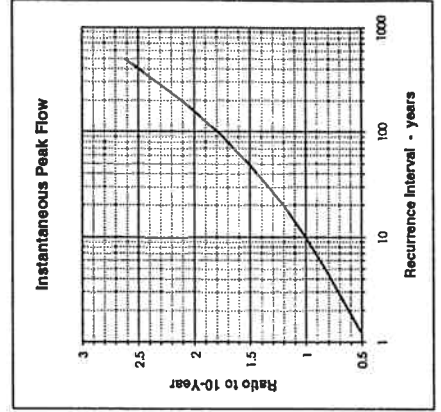
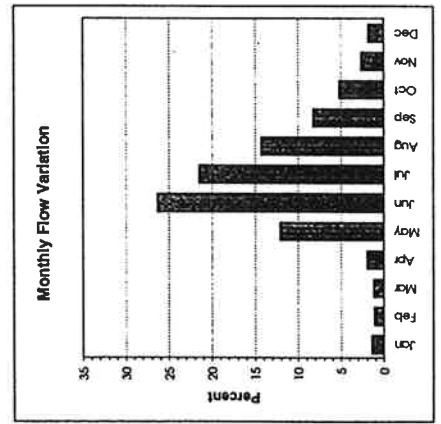
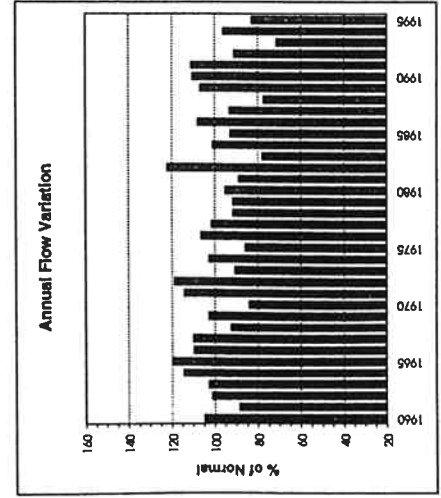
# SILVERHORN CREEK NEAR THE MOUTH 5DA010

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Annual	Year			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			Mean	date	m <sup>3</sup> /s
1960	0.043	0.042	0.043	0.080	0.553	1.360	1.420	0.912	0.347	0.202	0.098	0.021	0.416	Jul 19	3.28	0.240	1960
1961	0.028	0.042	0.028	0.034	1.230	1.980	1.430	1.040	0.424	0.220	0.101	0.110	0.549	Jun 10	4.67	0.306	1961
1962	0.095	0.034	0.028	0.026	0.533	0.930	1.260	0.703	0.520	0.040	0.065	0.048	0.350	Jun 23	2.86	0.133	1962
1963	0.037	0.036	0.029	0.060	0.288	1.960	1.810	1.087	0.494	0.201	0.073	0.048	0.605	Jun 24	4.62	0.027	1963
1964	0.041	0.034	0.025	0.021	0.196	0.842	2.500	0.742	0.301	0.123	0.090	0.054	0.674	Jul 05	9.12	0.225	1964
1965	0.043	0.033	0.036	0.045	0.572	1.000	2.120	1.050	0.862	0.232	0.164	0.046	0.515	Jun 30	8.24	0.324	1965
1966	0.037	0.034	0.022	0.106	0.349	2.120	0.874	0.596	0.339	0.144	0.074	0.041	0.664	Jun 07	11.30	0.254	1966
1967	0.033	0.021	0.018	0.076	0.341	2.400	2.770	0.890	0.790	0.323	0.104	0.081	0.438	Jun 30	9.03	0.305	1967
1968	0.043	0.059	0.046	0.035	0.407	1.790	2.190	0.879	0.433	0.168	0.058	0.057	0.445	Jun 28	8.22	0.322	1968
1969	0.064	0.045	0.036	0.172	0.788	1.340	0.944	0.451	0.285	0.217	0.080	0.064	0.404	Apr 27	3.36	0.235	1969
1970	0.048	0.045	0.047	0.058	0.770	0.687	1.970	0.956	0.390	0.164	0.083	0.074	0.446	Jul 15	3.12	0.298	1970
1971	0.064	0.045	0.046	0.047	0.770	0.687	1.970	0.956	0.390	0.164	0.083	0.074	0.446	Jul 15	3.12	0.298	1971
1972	0.076	0.040	0.030	0.032	0.290	1.920	1.500	0.627	0.711	0.256	0.114	0.073	0.474	Jul 20	3.77	0.398	1972
1973	0.053	0.046	0.040	0.057	0.440	0.955	1.120	0.642	0.432	0.222	0.084	0.056	0.333	Jun 06	3.61	0.172	1973
1974	0.071	0.042	0.030	0.041	0.174	1.170	1.540	0.748	0.435	0.190	0.089	0.049	0.351	Jun 29	5.41	0.327	1974
1975	0.052	0.054	0.042	0.052	0.597	0.930	1.100	0.645	0.435	0.190	0.089	0.049	0.351	Jun 29	2.93	0.309	1975
1976	0.067	0.045	0.035	0.043	0.783	1.960	1.260	0.740	0.299	0.156	0.101	0.093	0.371	May 28	4.67	0.198	1976
1977	0.056	0.057	0.052	0.089	0.595	1.390	0.932	0.667	0.352	0.238	0.149	0.074	0.407	Jun 07	2.89	0.269	1977
1978	0.053	0.056	0.054	0.144	0.496	1.700	0.900	0.667	0.352	0.238	0.149	0.074	0.407	Jun 07	6.56	0.227	1978
1979	0.065	0.052	0.053	0.055	0.293	1.460	1.560	1.010	0.383	0.196	0.116	0.064	0.445	Jun 14	4.93	0.288	1979
1980	0.059	0.049	0.060	0.142	0.406	1.740	1.820	0.792	0.318	0.165	0.097	0.057	0.478	Jun 24	5.45	0.229	1980
1981	0.057	0.056	0.098	0.113	0.539	1.370	2.250	1.400	0.533	0.262	0.128	0.069	0.578	Jun 03	6.08	0.430	1981
1982	0.057	0.057	0.098	0.131	0.424	1.690	0.930	0.480	0.300	0.208	0.128	0.083	0.382	Jun 23	3.65	0.273	1982
1983	0.064	0.060	0.044	0.043	0.1010	1.030	0.910	0.697	0.399	0.193	0.091	0.064	0.386	May 15	3.08	0.254	1983
1984	0.045	0.042	0.046	0.108	0.420	1.250	1.183	0.633	0.302	0.165	0.087	0.084	0.356	Jun 22	4.13	0.235	1984
1985	0.057	0.047	0.031	0.025	0.431	1.550	1.310	0.826	0.439	0.219	0.089	0.060	0.426	Jul 02	4.34	0.280	1985
Normal	0.053	0.043	0.038	0.068	0.505	1.481	1.551	0.772	0.437	0.188	0.096	0.064	0.468	Average	5.17	0.272	0.000



**SMOKY RIVER ABOVE HELLS CREEK 7GA001**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m3/s	Annual	Year
1960	13.3	15.4	15.2	12.5	134.0	177.0	160.0	160.0	112.0	49.6	33.4	16.9	85.2	May 21	294	83.4	1960
1961	14.8	13.5	14.1	30.4	128.0	250.0	152.0	190.0	98.7	62.4	33.2	11.4	71.9	Aug 05	498	82.3	1961
1962	11.3	13.1	11.0	16.1	74.1	303.0	166.0	107.0	50.5	37.0	16.5	11.3	82.3	Jun 04	552	36.7	1962
1963	10.6	15.0	12.5	18.3	149.0	306.0	246.0	148.0	84.0	65.3	31.5	21.1	83.5	Jun 08	544	73.6	1963
1964	13.9	11.7	12.0	14.1	168.0	442.0	195.0	170.0	57.6	49.7	26.2	18.6	93.1	Jun 12	1380	10.4	1964
1965	14.8	11.4	11.8	13.7	128.0	244.0	170.0	110.0	70.2	62.5	22.7	21.7	89.0	Jun 17	566	10.6	1965
1966	14.1	11.6	11.1	17.2	82.2	308.0	224.0	129.0	80.7	69.6	27.6	21.6	89.2	Jul 16	433	9.36	1966
1967	15.7	10.9	10.2	12.8	64.4	195.0	259.0	102.0	66.4	39.7	37.1	19.4	89.2	Jun 20	385	10.2	1967
1968	12.5	13.5	12.0	28.6	140.0	184.0	228.0	190.0	115.0	52.0	25.1	19.4	75.2	Jun 08	515	8.54	1968
1969	15.3	13.4	10.3	27.3	112.0	259.0	231.0	143.0	74.3	42.3	22.8	21.7	86.3	Jun 08	583	9.05	1969
1970	13.8	10.2	11.9	19.8	72.6	222.0	213.0	107.0	91.9	67.9	35.4	21.8	74.3	Jun 04	459	9.39	1970
1971	14.7	11.0	12.4	13.1	79.2	268.0	239.0	121.0	67.3	37.7	14.9	10.1	74.4	Jun 04	424	8.20	1971
1972	10.0	9.3	9.1	34.1	136.0	257.0	153.0	114.0	85.6	60.8	26.8	31.6	77.4	Jun 04	520	6.99	1972
1973	24.2	12.7	13.8	19.4	168.0	157.0	191.0	139.0	128.0	56.9	23.2	15.4	92.2	May 26	426	9.47	1973
1974	11.4	11.1	9.1	12.9	88.2	352.0	301.0	177.0	116.0	82.7	29.2	11.8	72.2	Jun 15	558	8.20	1974
1975	13.9	11.2	11.3	19.4	91.8	165.0	174.0	109.0	71.7	41.0	34.2	14.1	63.4	Jul 14	272	54.5	1975
1976	14.8	13.0	11.2	19.1	49.6	263.0	232.0	136.0	116.0	82.7	29.2	15.5	81.9	Jun 14	442	85.5	1976
1977	12.8	13.0	15.8	15.8	129.0	241.0	216.0	103.0	76.2	43.1	20.9	14.6	75.5	Jun 30	424	66.8	1977
1978	13.4	9.8	13.2	13.9	138.0	326.0	267.0	110.0	64.5	48.8	23.5	17.3	87.5	May 29	617	7.53	1978
1979	16.0	12.7	10.8	18.2	144.0	252.0	155.0	157.0	72.1	34.1	18.7	12.6	75.6	Jun 13	459	57.0	1979
1980	11.4	11.3	10.8	29.3	124.0	194.0	130.0	110.0	56.7	40.2	19.3	14.1	62.9	Jun 08	279	31.6	1980
1981	13.0	11.0	9.5	15.8	127.0	294.0	201.0	196.0	80.8	44.4	23.4	18.0	86.6	May 31	468	63.5	1981
1982	14.7	12.4	13.1	26.3	149.0	339.0	230.0	127.0	80.1	38.0	25.1	17.4	89.7	May 31	563	68.8	1982
1983	10.8	10.6	10.6	29.5	163.0	252.0	251.0	185.0	85.1	43.1	18.1	15.2	90.1	Aug 14	394	59.7	1983
1984	14.0	11.5	18.7	37.6	124.0	243.0	132.0	99.9	88.6	66.9	30.3	18.7	73.8	Jun 02	365	77.1	1984
1985	12.4	10.5	10.8	15.9	161.0	135.0	113.0	106.0	64.2	30.6	16.4	15.0	58.0	May 14	455	37.4	1985
1986	14.7	10.0	11.3	34.3	157.1	239.3	208.3	115.5	62.7	45.7	18.8	14.7	78.1	Jun 08	351	55.6	1986
1987	12.2	9.1	12.4	14.1	123.0	219.0	155.0	121.0	66.5	31.6	19.6	18.6	67.2	May 30	381	47.5	1987
1988	13.9	12.1	11.8	19.4	116.4	260.8	205.8	137.3	81.4	50.2	25.9	17.3	81.3	Average	486	60.4	1988
1989	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1989
1990	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1990
1991	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1991
1992	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1992
1993	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1993
1994	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1994
1995	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	1995
Normal	10	8	8	13	81	176	144	96	55	35	17	12	668	10-Year	702	39.2	Normal
mm																	



**SPLIT CREEK AT THE MOUTH 8N8016**

Monthly and Annual Discharge in m<sup>3</sup>/s

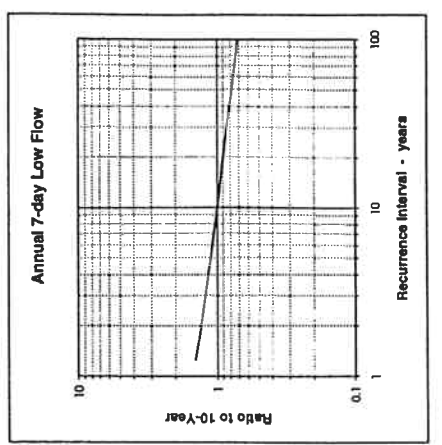
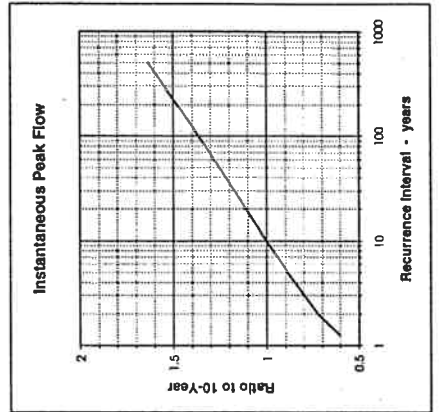
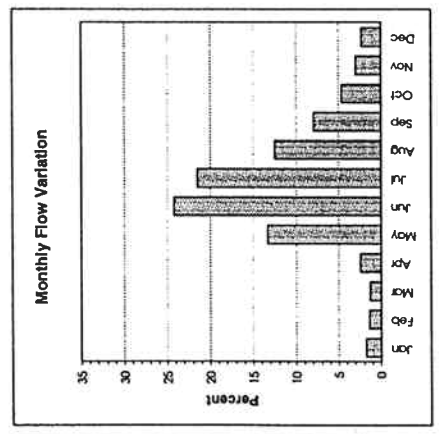
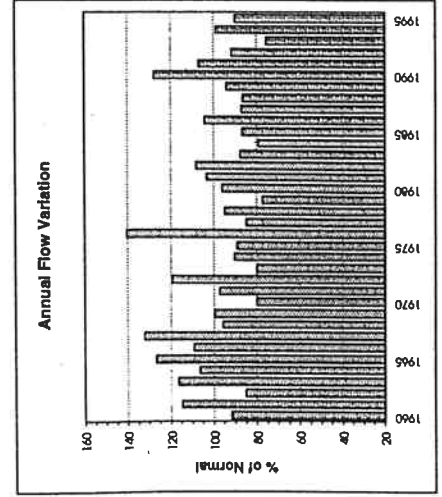
Drainage Area = 80.5 km<sup>2</sup>

Median Elevation = 1990 m

Instantaneous Peak Flow

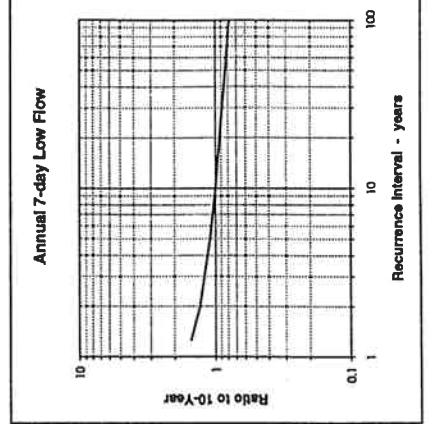
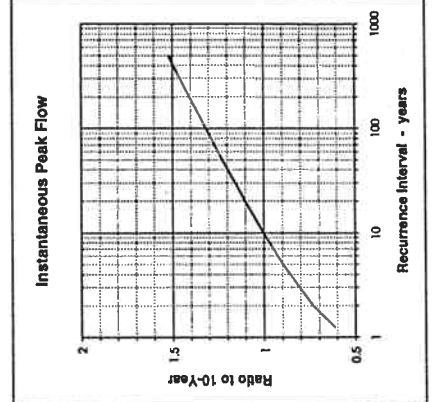
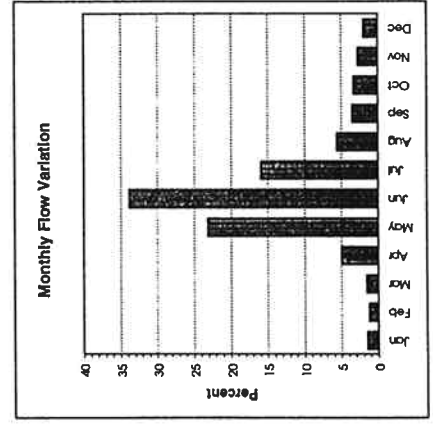
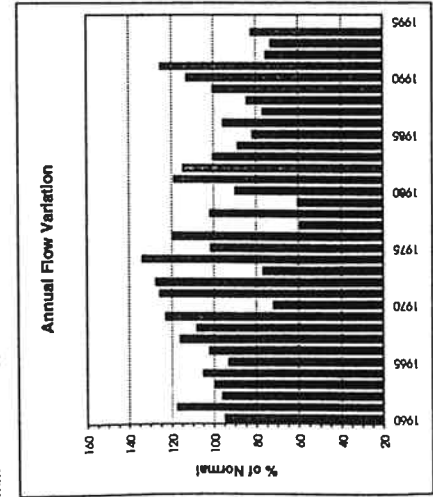
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year
1960	0.34	0.32	0.26	0.37	1.39	6.13	5.00	2.38	1.00	0.70	0.50	0.38	1.60	Jun 21	14.21	0.906	0.229	1960
1961	0.32	0.29	0.32	0.31	2.10	4.01	5.05	2.24	1.30	0.89	0.84	0.81	2.00	Jun 03	11.00	0.925	0.278	1961
1962	0.45	0.30	0.26	0.51	3.44	4.73	6.30	5.60	5.09	1.33	0.69	0.52	1.48	Aug 27	14.90	2.10	0.251	1962
1963	0.41	0.30	0.26	0.62	2.38	5.16	3.07	2.35	1.57	0.68	0.47	0.35	2.03	Jun 08	12.40	1.16	0.282	1963
1964	0.29	0.21	0.30	0.45	1.97	5.24	4.08	3.07	2.90	0.68	0.53	0.49	1.85	Jun 06	9.71	1.60	0.140	1964
1965	0.47	0.34	0.33	0.34	2.06	4.29	3.97	1.77	1.13	0.68	0.33	0.33	2.21	May 27	7.19	0.928	0.287	1965
1966	0.31	0.22	0.24	0.43	5.55	5.04	3.10	1.62	1.03	0.95	0.56	0.37	1.66	May 21	8.21	0.726	0.206	1966
1967	0.33	0.39	0.30	0.43	2.74	3.20	6.41	3.27	1.63	1.15	0.94	0.60	1.39	Jul 06	9.15	1.37	0.263	1967
1968	0.36	0.27	0.26	0.26	2.07	6.51	5.11	3.14	2.16	0.97	0.81	0.54	1.57	Jul 22	13.20	1.32	0.206	1968
1969	0.35	0.30	0.24	0.42	2.55	4.38	4.36	2.55	1.21	0.71	0.69	0.43	1.88	Jul 12	9.13	0.908	0.229	1969
1970	0.35	0.30	0.24	0.42	2.55	4.38	4.36	2.55	1.21	0.71	0.69	0.43	1.88	Jun 29	10.00	1.31	0.246	1970
1971	0.33	0.27	0.25	0.35	0.95	5.04	3.52	2.04	1.86	0.98	0.54	0.41	1.38	May 25	11.10	1.21	0.229	1971
1972	0.40	0.33	0.27	0.38	4.10	4.22	3.22	1.54	1.34	1.19	0.69	0.45	1.51	May 28	16.90	1.00	0.246	1972
1973	0.40	0.33	0.27	0.38	4.10	4.22	3.22	1.54	1.34	1.19	0.69	0.45	1.51	May 12	7.51	0.811	0.316	1973
1974	0.39	0.27	0.27	0.36	3.07	6.78	4.56	2.55	1.34	0.99	0.63	0.45	1.81	Jun 08	12.84	1.06	0.223	1974
1975	0.39	0.27	0.27	0.36	3.07	6.78	4.56	2.55	1.34	0.99	0.63	0.45	1.81	Jun 14	8.73	1.06	0.223	1975
1976	0.38	0.29	0.26	0.38	2.57	5.55	3.82	2.65	1.70	0.86	0.64	0.39	1.63	Jun 24	10.79	1.06	0.227	1976
1977	0.33	0.30	0.29	0.33	3.03	7.25	6.95	4.21	1.30	0.86	0.66	0.55	2.22	Jun 03	9.65	1.14	0.282	1977
1978	0.33	0.33	0.29	0.50	3.28	5.40	5.66	3.01	1.45	0.79	0.63	0.49	1.86	Jun 13	8.90	1.12	0.217	1978
1979	0.37	0.30	0.34	0.45	3.22	5.69	3.05	1.52	1.40	1.13	0.72	0.49	1.59	Jun 01	9.56	0.877	0.278	1979
1980	0.40	0.34	0.30	0.32	3.84	3.37	2.39	1.95	1.19	0.70	0.48	0.40	1.31	May 27	8.43	0.911	0.266	1980
1981	0.38	0.31	0.29	0.75	4.03	5.74	4.27	1.96	1.27	0.72	0.47	0.34	1.72	Jun 05	9.0	1.309	0.203	1981
1982	0.27	0.25	0.22	0.28	2.50	5.28	3.35	2.87	1.52	1.08	0.69	0.40	1.57	Average	10.6	1.12	0.243	1982
Normal	0.36	0.30	0.27	0.51	2.74	5.13	4.41	2.55	1.69	0.94	0.62	0.47	1.74	10-Year	140	0.812	0.192	Normal



**ST. MARY RIVER AT WYCLIFFE 8NG012**

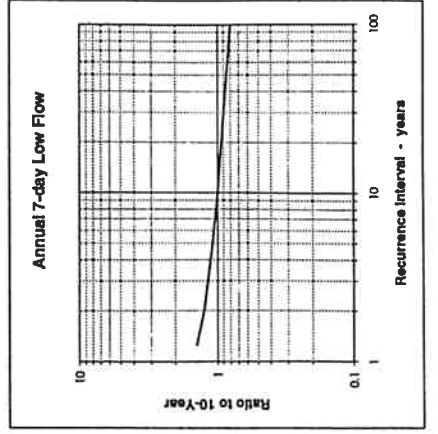
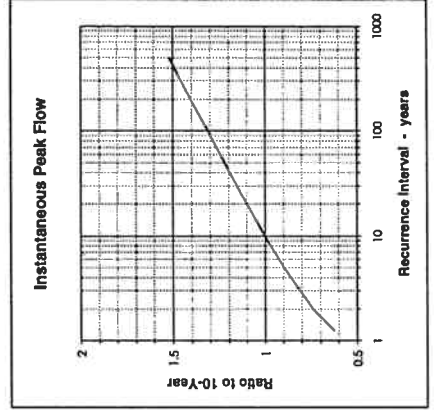
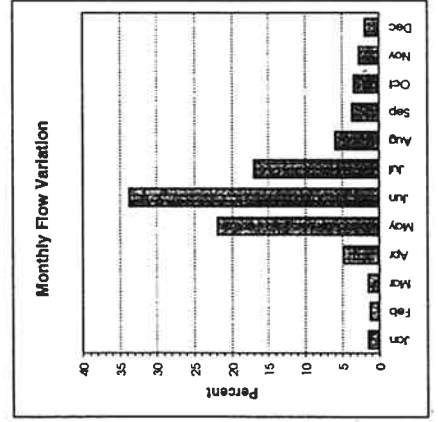
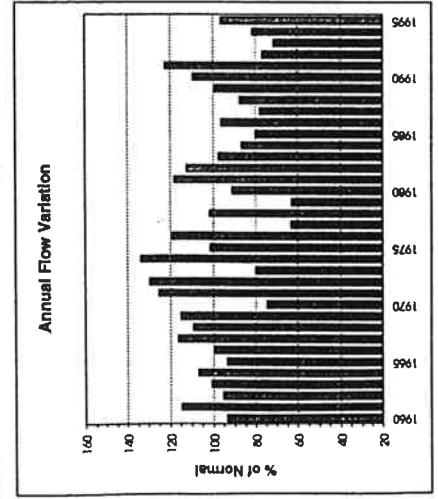
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area =	2390 km <sup>2</sup>	Median Elevation = 1760 m	Instantaneous Peak Flow												7-Day Low Flow	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year								
1960	11.7	9.8	15.6	46.0	98.8	215.0	101.0	30.1	21.5	16.3	13.5	8.4	48.9	Jun 04	422	15.3	7.29	1960											
1961	7.4	8.1	9.6	22.2	192.0	329.0	65.3	23.9	18.6	26.9	13.5	10.8	60.7	May 27	620	15.4	6.83	1961											
1962	9.5	11.5	9.4	59.5	111.0	196.0	80.5	33.4	18.4	26.5	22.9	16.1	49.6	Jun 18	310	17.1	8.36	1962											
1963	12.2	13.6	12.9	29.3	144.0	212.0	98.2	31.3	20.0	15.4	15.1	11.7	51.4	May 31	334	17.6	11.1	1963											
1964	10.2	8.7	7.9	16.3	102.0	260.0	116.0	42.5	28.8	30.5	17.3	11.7	54.3	Jun 08	368	21.8	7.44	1964											
1965	9.8	10.2	8.6	32.0	120.0	207.0	82.3	31.8	26.5	24.0	20.3	12.6	48.1	Jun 18	343	24.6	8.07	1965											
1966	10.2	8.3	9.2	39.1	171.0	215.0	100.0	29.1	14.7	17.2	17.2	9.6	52.7	May 28	402	12.7	7.23	1966											
1967	8.8	8.1	8.0	12.7	122.0	332.0	133.0	31.7	14.8	17.6	17.2	11.3	59.8	Jun 22	501	11.7	7.37	1967											
1968	9.4	9.5	14.4	16.1	128.0	241.0	118.0	41.1	32.1	25.5	20.6	14.2	55.8	Jun 03	488	24.4	8.58	1968											
1969	10.6	9.0	9.1	55.5	213.0	275.0	97.7	24.6	18.8	21.1	15.4	10.3	63.5	Jun 06	425	13.8	7.50	1969											
1970	10.6	8.0	8.1	10.1	101.0	180.0	130.0	18.3	21.3	21.0	14.2	10.4	37.1	Jun 05	360	14.6	7.80	1970											
1971	9.0	15.6	12.4	32.5	208.0	245.0	146.0	41.9	22.0	16.7	14.0	9.6	64.8	May 28	374	16.4	7.99	1971											
1972	10.0	8.2	14.3	21.0	169.0	294.0	148.0	52.1	22.5	23.3	15.7	10.7	65.8	Jun 01	541	19.1	7.87	1972											
1973	9.7	8.4	8.2	17.4	113.0	161.0	68.1	22.0	16.2	18.8	18.2	12.7	39.6	May 18	306	12.6	8.02	1973											
1974	11.4	9.9	9.1	37.5	128.0	353.0	169.0	54.8	22.9	12.3	10.8	8.5	69.0	Jun 18	612	16.9	7.00	1974											
1975	7.3	7.3	6.0	11.5	95.2	231.0	125.0	42.1	30.6	24.3	24.9	23.0	52.5	Jun 05	303	19.1	5.11	1975											
1976	12.4	9.7	9.9	33.6	188.0	173.0	158.0	78.1	33.4	18.9	12.4	9.8	61.7	May 11	326	23.5	9.04	1976											
1977	8.1	7.1	6.8	23.8	76.5	114.0	34.5	22.7	30.3	18.3	14.2	11.0	30.6	Jun 08	292	15.4	6.36	1977											
1978	9.5	7.3	10.5	34.4	118.0	214.0	117.0	32.2	35.2	24.6	16.4	9.6	52.5	Jun 06	371	26.8	6.78	1978											
1979	6.4	7.3	8.9	13.3	104.0	129.0	48.5	17.2	13.3	9.2	7.1	8.5	31.1	May 27	268	9.16	5.64	1979											
1980	6.0	5.5	6.2	58.9	207.0	125.0	47.3	20.4	20.4	18.0	17.9	19.0	46.3	Apr 30	337	17.0	4.89	1980											
1981	19.5	12.9	14.6	32.1	186.0	180.0	166.0	50.1	19.8	23.3	16.4	11.0	61.4	May 26	396	15.9	9.21	1981											
1982	8.5	9.5	9.7	17.0	131.0	277.0	109.0	38.2	24.1	13.7	25.9	11.6	51.9	Jun 15	417	26.4	6.89	1982											
1983	11.4	10.2	12.3	36.7	151.0	176.0	109.0	32.1	19.8	15.9	12.1	9.5	45.7	May 30	406	16.9	9.01	1983											
1984	13.0	9.7	10.6	28.3	61.5	223.0	114.0	32.1	19.8	15.9	12.1	9.5	45.7	Jun 16	373	18.5	8.36	1984											
1985	6.4	6.1	6.9	28.7	161.0	149.0	43.3	18.6	30.3	24.0	18.7	10.3	42.1	May 25	372	12.9	5.17	1985											
1986	9.1	8.5	17.0	46.8	153.0	195.0	69.0	23.0	16.6	22.3	18.8	11.6	49.3	May 29	533	14.8	7.30	1986											
1987	8.1	7.6	11.3	48.3	187.0	113.0	45.5	19.3	10.9	8.2	7.8	6.9	39.7	May 13	374	9.32	5.84	1987											
1988	5.6	5.7	6.7	41.2	137.0	160.0	56.5	22.8	17.0	33.7	24.6	12.0	43.6	Jun 08	288	13.5	5.36	1988											
1989	9.1	7.8	9.0	39.6	143.0	201.0	72.0	27.8	27.8	18.3	35.4	17.5	51.8	Jun 07	351	17.2	6.91	1989											
1990	12.8	9.9	10.1	61.8	116.0	226.0	129.0	36.4	17.4	23.2	34.2	20.1	58.2	Jun 11	348	12.6	9.09	1990											
1991	13.3	12.4	11.0	42.6	169.0	184.0	184.0	52.4	19.7	11.5	10.8	9.3	64.5	Jun 12	397	14.6	8.55	1991											
1992	8.0	8.2	16.6	49.1	145.0	116.0	49.5	20.4	15.1	17.3	12.2	8.6	38.9	May 08	274	13.0	7.15	1992											
1993	6.8	5.9	6.8	16.2	151.0	105.0	67.8	32.1	20.4	15.3	10.8	10.2	37.6	May 15	336	18.4	5.36	1993											
1994	8.3	6.2	10.8	66.3	151.0	145.0	65.6	18.3	11.0	9.7	8.4	7.9	42.5	May 13	286	8.50	6.01	1994											
1995	6.4	7.8	10.8	D													5.74	1995											
Normal	9.7	8.9	10.0	31.9	141.0	212.9	97.0	34.1	22.6	20.7	17.7	12.1	51.7	Average	384	16.5	7.28	m <sup>3</sup> /s											
mm	11	9	11	35	158	231	109	38	24	23	19	14	682	10-Year	507	11.6	5.61	m <sup>3</sup> /s											





**ST. MARY RIVER NEAR MARYSVILLE 8NG046**

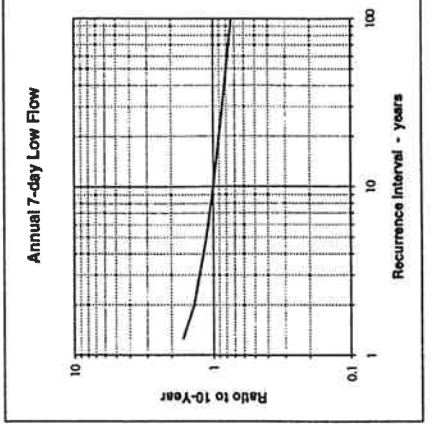
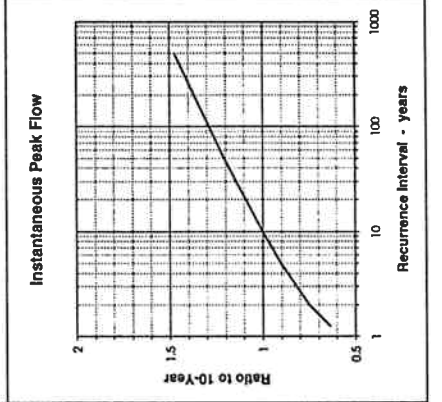
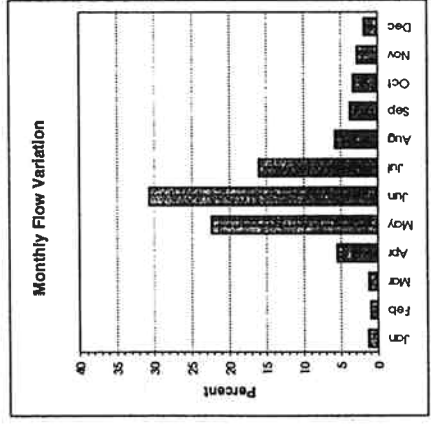
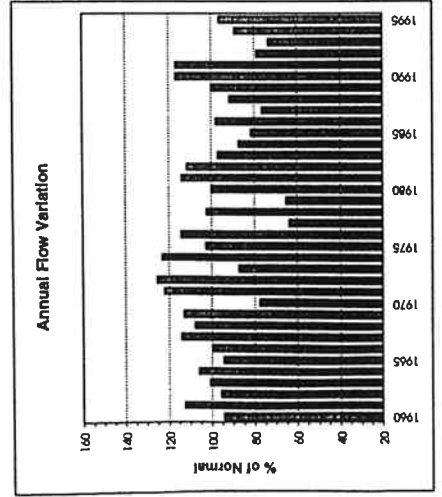
Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area =	1470 km <sup>2</sup>	Median Elevation = 1810 m	Instantaneous Peak Flow		7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				Mean	date	m <sup>3</sup> /s	Jun-Sep	
1960	9.2	7.4	11.1	33.7	70.4	164.0	89.4	26.0	17.2	12.9	10.1	6.9	38.2	Jun 04	310	11.5	6.08	1960		
1961	6.4	6.5	6.5	17.5	144.0	251.0	53.9	19.9	14.9	21.5	10.5	7.8	46.7	May 27	434	12.7	5.99	1961		
1962	6.5	7.8	6.4	39.1	83.5	156.0	69.2	30.4	14.5	21.3	18.5	12.0	38.8	Jun 18	269	13.4	5.91	1962		
1963	8.6	10.6	9.9	25.8	110.0	167.0	79.9	27.6	18.6	12.7	12.7	9.1	41.1	May 25	270	15.5	7.06	1963		
1964	6.9	6.8	6.2	11.5	77.4	201.0	99.6	36.0	25.1	27.7	14.9	9.6	43.5	Jun 09	283	18.8	5.99	1964		
1965	7.7	6.9	7.0	27.5	86.2	198.0	66.6	24.2	24.2	20.3	16.9	9.5	38.1	Jun 18	274	20.1	6.44	1965		
1966	8.0	6.5	7.0	29.3	121.0	165.0	85.1	26.5	11.1	10.0	8.7	7.0	40.6	May 28	317	9.24	5.75	1966		
1967	6.4	6.0	5.7	9.1	95.3	256.0	112.0	26.6	12.1	14.8	14.6	9.0	47.4	Jun 22	394	9.56	5.38	1967		
1968	7.5	7.8	11.3	13.3	101.0	190.0	97.2	34.9	25.8	19.6	15.2	9.7	44.5	Jun 03	437	19.7	6.94	1968		
1969	7.9	6.7	6.6	39.4	148.0	208.0	74.0	19.8	13.0	16.9	12.5	8.2	46.8	Jun 06	344	10.9	5.68	1969		
1970	6.6	6.0	6.0	8.1	80.7	153.0	37.6	14.6	18.1	15.1	9.8	8.3	30.3	Jun 05	314	10.3	5.61	1970		
1971	7.4	12.1	7.6	23.7	140.0	189.0	123.0	37.1	18.5	14.2	10.2	7.4	51.1	Jun 23	302	11.8	6.16	1971		
1972	6.9	6.2	10.7	16.2	108.0	242.0	143.0	43.9	18.4	19.2	10.2	7.1	52.7	Jun 01	440	14.3	6.13	1972		
1973	6.7	5.8	6.1	11.7	90.7	134.0	59.3	20.9	13.8	15.9	14.7	10.3	32.6	May 18	248	10.5	5.52	1973		
1974	8.5	7.8	7.3	27.8	93.0	275.0	145.0	44.7	19.2	9.6	8.3	7.0	54.5	Jun 17	501	13.4	5.52	1974		
1975	6.4	6.0	5.8	9.3	72.2	181.0	103.0	33.5	23.2	17.7	18.6	17.0	41.2	Jun 06	243	13.9	5.52	1975		
1976	11.0	8.4	7.4	24.3	140.0	134.0	135.0	63.5	26.2	13.7	8.7	7.2	48.5	Jul 01	267	17.6	6.70	1976		
1977	6.4	6.0	5.7	19.8	59.7	99.3	30.3	20.2	25.8	14.5	11.7	9.1	25.7	Jun 08	261	13.7	5.56	1977		
1978	7.0	6.1	7.9	25.3	84.9	170.0	97.3	26.4	29.4	20.3	13.3	7.8	41.4	Jun 06	309	22.1	5.52	1978		
1979	5.1	5.6	6.8	10.7	81.4	107.0	41.7	15.4	12.1	7.9	6.1	7.0	25.6	Jun 06	221	8.41	4.75	1979		
1980	4.8	4.6	5.1	48.7	160.0	100.0	39.8	19.1	17.6	15.7	14.6	14.9	37.2	Apr 29	275	14.2	4.08	1980		
1981	15.3	10.1	11.1	23.9	137.0	134.0	138.0	42.0	17.6	20.1	13.9	9.9	48.1	May 26	328	14.6	7.80	1981		
1982	7.8	7.9	7.3	12.3	93.2	211.0	88.5	41.2	26.1	25.9	15.5	10.4	45.7	Jun 16	324	21.3	5.92	1982		
1983	8.4	6.9	8.4	27.3	108.0	135.0	89.3	30.9	19.7	11.1	19.9	9.2	39.7	May 30	308	14.0	6.36	1983		
1984	10.3	7.7	8.0	21.7	43.0	169.0	94.7	26.4	15.5	11.7	8.8	7.4	35.3	Jun 16	304	14.0	6.91	1984		
1985	5.4	4.5	4.8	22.5	124.0	115.0	35.0	15.4	23.0	17.1	14.4	8.3	32.6	May 25	301	10.7	4.09	1985		
1986	6.8	6.3	12.1	33.7	115.0	161.0	58.9	20.1	13.7	18.2	14.9	9.3	39.3	May 29	445	12.0	5.63	1986		
1987	6.5	6.1	8.5	35.9	144.0	97.4	38.3	15.9	9.2	6.5	5.8	5.6	31.8	May 13	294	7.81	4.80	1987		
1988	4.5	4.3	5.1	33.4	109.0	133.0	49.7	18.6	13.1	27.6	18.3	10.4	35.6	Jun 08	231	10.3	4.20	1988		
1989	8.5	7.0	6.4	29.9	102.0	155.0	59.6	34.4	23.5	14.8	28.9	14.3	40.4	Jun 07	265	14.2	6.08	1989		
1990	9.7	7.7	7.4	45.7	85.3	173.0	104.0	30.0	13.9	17.7	25.0	14.4	44.6	Jun 25	274	9.57	6.84	1990		
1991	9.9	9.4	8.6	29.3	121.0	180.0	154.0	42.9	15.5	8.9	7.8	6.7	49.7	Jun 12	308	11.3	6.04	1991		
1992	5.8	6.1	12.1	35.3	118.0	99.2	38.6	15.6	12.5	14.7	9.8	6.9	31.3	May 08	229	10.6	5.13	1992		
1993	5.4	4.7	5.3	12.0	120.0	84.0	49.4	23.2	15.3	11.4	7.9	7.1	29.0	May 15	268	14.0	4.35	1993		
1994	6.0	4.7	6.2	49.4	112.0	119.0	54.6	15.3	9.1	7.8	6.8	6.2	33.2	May 13	209	6.83	4.56	1994		
1995	5.1	5.7	7.7	15.5	108.7	153.1	52.7	34.0	13.9	25.1	22.5	24.5	39.2				4.54	1995		
Normal	7.5	7.0	7.4	24.1	105.3	167.3	81.6	28.7	18.6	16.6	13.9	9.5	40.7	Average	309	13.2	5.71	m <sup>3</sup> /s		
mm	14	12	13	43	192	295	149	52	33	30	24	17	874	10-Year	404	9.34	4.64	m <sup>3</sup> /s		





**ST. MARY RIVER BELOW MORRIS CREEK 8NG077**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Mean	Median Elevation = 1870 m			date	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow		Year
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Jun-Sep	Annual						
1960	1.06	0.90	1.30	2.93	17.20	28.10	11.00	3.33	2.35	3.56	2.29	1.64	6.32	86.7	Jun 23	61.0	1.54	0.875	1960		
1961	1.35	1.24	1.16	4.63	16.70	44.90	23.20	7.98	2.63	0.97	1.05	0.89	8.91	84.2	Jun 18	61.0	1.57	0.763	1961		
1962	0.84	0.80	0.76	1.45	13.60	31.40	19.10	6.70	4.05	3.51	3.72	3.18	7.45	48.4	Jul 03	61.0	2.00	0.723	1962		
1963	1.70	1.17	1.10	3.93	23.80	24.50	22.10	11.70	4.83	2.08	1.06	0.86	8.27	47.9	Jun 30	61.0	2.92	0.805	1963		
1964	0.81	0.73	0.69	4.67	11.50	17.50	5.12	4.03	4.39	2.58	1.84	1.42	4.61	47.3	Jun 07	61.0	2.40	0.575	1964		
1965	1.53	1.23	1.62	4.95	16.00	28.70	14.90	5.14	6.90	4.06	2.23	1.54	7.41	55.2	Jun 05	61.0	4.00	0.796	1965		
1966	0.88	0.86	1.17	2.43	16.40	19.70	7.68	2.28	1.85	1.26	0.93	1.20	4.74	56.4	Jun 05	61.0	2.08	0.641	1966		
1967	0.86	0.82	0.80	10.50	30.00	20.50	7.57	3.26	3.48	2.66	3.15	3.31	7.24	56.4	May 22	61.0	2.04	0.977	1967		
1968	2.82	1.39	1.48	4.37	24.10	22.90	23.20	6.93	2.91	4.06	2.60	1.49	8.24	61.5	May 25	61.0	3.82	0.889	1968		
1969	1.12	1.22	1.12	1.93	16.00	37.80	15.50	7.64	5.66	4.98	2.22	1.48	8.07	57.7	Jun 14	61.0	2.12	0.825	1969		
1970	1.12	0.91	1.17	4.13	21.00	33.80	16.80	4.90	3.53	1.66	3.53	1.51	7.04	62.4	May 29	61.0	1.97	0.755	1970		
1971	1.50	0.95	1.11	4.00	8.62	33.70	15.60	3.99	2.60	1.70	1.49	0.98	6.34	64.7	Jun 15	61.0	1.58	0.438	1971		
1972	0.68	0.48	0.50	4.20	22.00	21.00	6.87	2.44	4.60	3.41	2.75	1.38	5.90	91.3	Jun 07	61.0	1.60	0.851	1972		
1973	1.07	0.94	1.74	5.71	26.70	17.10	5.87	2.25	1.38	0.87	2.50	1.55	7.09	75.7	May 28	61.0	0.976	0.515	1973		
1974	1.02	0.88	1.06	0.72	21.70	25.20	9.80	2.86	2.11	5.29	2.70	1.49	6.64	53.7	Jun 07	61.0	1.21	0.512	1974		
1975	0.64	0.67	0.72	6.46	17.70	29.10	10.30	5.52	3.57	2.79	5.88	2.14	7.26	53.5	Jun 06	61.0	1.98	0.917	1975		
1976	1.39	1.28	1.10	4.99	19.30	29.10	10.30	5.52	3.57	2.79	5.88	2.14	7.26	53.5	Jun 06	61.0	1.98	0.917	1976		
1977	1.39	1.28	1.10	4.99	19.30	29.10	10.30	5.52	3.57	2.79	5.88	2.14	7.26	53.5	Jun 06	61.0	1.98	0.917	1977		
1978	1.38	1.40	1.22	8.65	17.70	32.20	20.80	4.83	2.04	3.70	4.95	2.22	8.45	56.5	Jun 24	61.0	1.31	1.12	1978		
1979	0.81	1.00	2.21	4.76	22.30	31.50	26.30	7.04	2.18	1.12	0.94	0.78	8.45	72.6	Jun 04	61.0	1.49	0.707	1979		
1980	0.80	0.76	0.83	6.16	22.70	18.00	5.59	2.32	2.12	2.77	1.68	1.10	5.71	50.7	May 07	61.0	1.38	0.661	1980		
1981	0.87	0.68	1.06	2.61	25.30	15.70	7.89	3.51	2.21	1.69	1.15	1.06	5.33	59.8	Jun 01	61.0	1.97	0.683	1981		
1982	0.87	0.68	1.06	11.60	23.60	21.90	9.67	2.45	1.45	1.22	1.39	1.32	6.45	44.3	May 09	61.0	1.10	0.662	1982		
1983	0.55	0.69	1.05	3.01	20.60	27.80	9.15	5.77	2.42	4.53	3.89	3.94	6.98	57.4	May 30	61.0	1.64	0.465	1983		
Normal	1.20	0.97	1.10	4.87	19.15	27.09	13.69	4.95	3.39	2.92	2.54	1.61	7.25	Average	Average	61.0	1.90	0.730	m <sup>3</sup> /s		
mm	15	11	14	61	247	338	176	64	42	38	32	21	1100	10-Year	10-Year	78.8	1.18	0.537	m <sup>3</sup> /s		



**STITT CREEK AT THE MOUTH 8ND018**

Monthly and Annual Discharge in m<sup>3</sup>/s

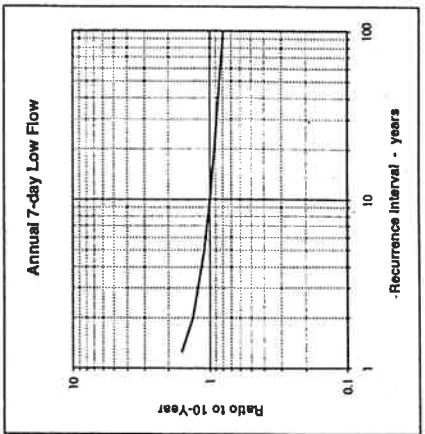
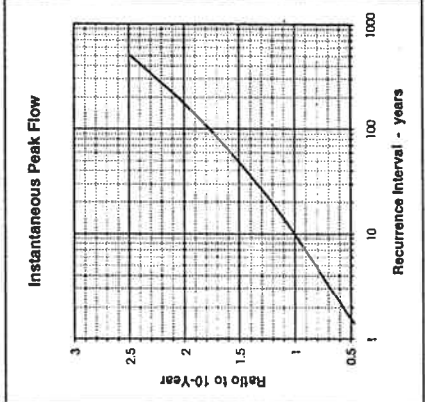
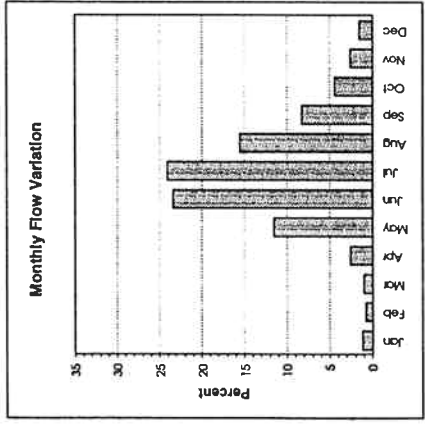
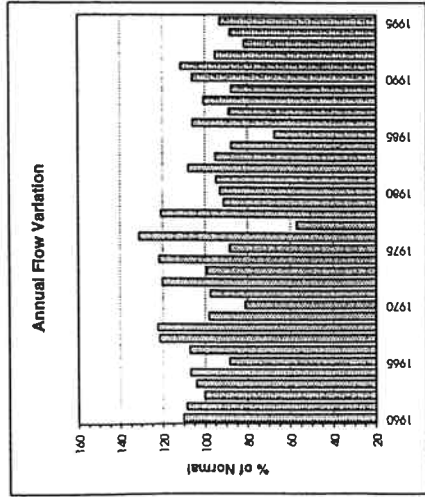
Drainage Area = 139 km<sup>2</sup>

Median Elevation = 1950 m

Instantaneous Peak Flow

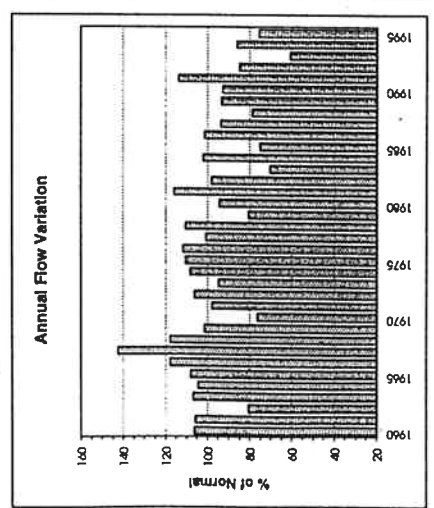
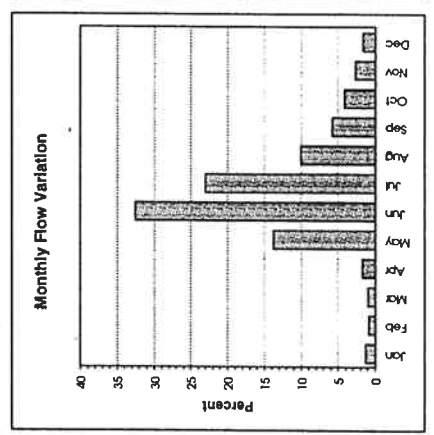
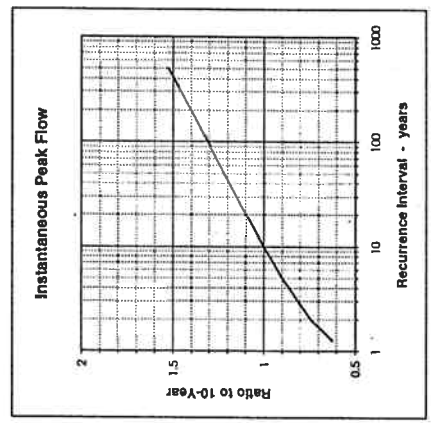
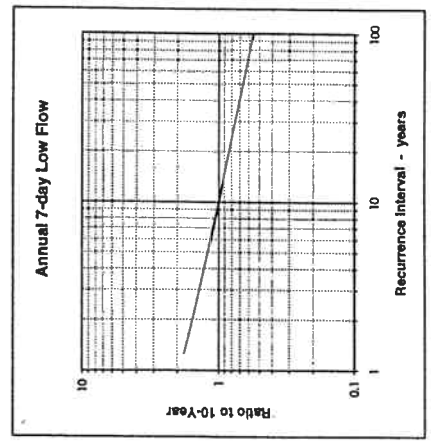
7-Day Low Flow

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year
1960	0.84	0.65	0.65	1.35	10.20	24.70	21.30	12.80	5.60	3.28	2.15	1.32	7.88	Jun 26	79.9	3.86	0.615	1960
1961	1.04	0.73	0.66	2.07	6.91	27.70	31.90	19.40	8.51	3.33	1.65	1.02	7.77	Jun 22	73.9	6.22	0.593	1961
1962	1.12	0.64	0.45	0.62	6.86	19.90	23.40	10.60	5.41	3.10	2.82	0.58	7.17	Jul 05	52.7	3.68	0.394	1962
1963	0.45	0.46	0.49	1.84	17.10	17.90	27.60	25.00	14.20	4.05	1.71	1.01	7.45	Sep 05	71.1	9.22	0.398	1963
1964	0.94	0.66	0.59	2.23	6.18	14.90	8.82	6.97	3.68	1.62	1.16	1.05	7.66	Jun 09	35.8	2.50	0.575	1964
1965	0.96	0.61	0.98	2.32	7.68	21.40	31.20	8.81	13.60	9.44	4.77	1.44	6.33	Jun 29	66.0	6.03	0.527	1965
1966	1.15	1.03	1.33	1.85	7.56	21.50	20.60	11.80	5.69	2.28	1.64	1.49	7.67	Jul 07	39.1	3.01	0.797	1966
1967	0.80	0.58	0.85	3.39	13.40	15.80	16.20	10.30	8.08	5.00	2.49	2.76	8.68	Jul 16	30.6	6.56	0.510	1967
1968	1.47	1.11	1.03	1.89	10.90	13.50	19.80	16.30	7.01	3.84	2.59	1.27	7.02	Jul 28	31.6	3.89	0.903	1968
1969	1.00	0.73	0.64	0.93	7.57	25.80	21.00	14.80	10.70	5.34	2.74	1.04	6.98	Jun 21	57.6	6.38	0.603	1969
1970	0.87	0.60	0.69	2.22	10.80	18.90	20.50	13.00	6.46	3.03	2.96	1.23	8.59	Jul 12	133.0	4.58	0.495	1970
1971	0.98	0.92	0.90	2.26	5.43	18.50	19.10	13.50	7.56	3.63	1.42	0.96	7.11	Aug 26	50.6	5.06	0.700	1971
1972	0.83	0.68	0.72	1.52	10.10	14.90	11.20	8.16	4.43	2.53	1.36	1.14	8.71	May 24	26.1	2.81	0.637	1972
1973	0.99	0.91	1.02	2.40	12.70	26.90	19.50	13.50	5.25	3.41	2.33	1.34	7.56	May 28	55.9	3.20	0.862	1973
1974	0.59	0.53	1.15	3.65	12.90	21.30	15.90	9.11	6.08	2.40	1.24	1.16	6.36	Jun 05	50.8	4.37	0.509	1974
1975	0.90	0.72	0.76	4.31	11.00	21.50	18.50	14.60	6.28	3.81	2.46	1.40	6.81	Jun 26	37.2	3.04	0.516	1975
1976	0.96	0.68	0.76	2.44	8.56	19.70	17.20	12.30	5.19	3.09	2.36	1.51	7.98	Jun 14	41.2	4.07	0.609	1976
1977	1.18	0.83	0.97	3.62	10.40	22.60	22.40	14.80	6.32	3.27	2.84	1.33	7.59	Jul 11	40.7	4.82	0.692	1977
1978	1.21	1.19	0.95	2.74	11.70	20.60	24.50	17.90	7.61	3.42	1.81	1.48	7.98	Aug 10	49.1	5.44	0.799	1978
1979	0.85	1.00	0.76	4.74	13.10	22.90	13.10	8.64	6.27	5.03	2.64	1.78	6.60	Jul 13	41.1	4.28	0.663	1979
1980	1.06	0.68	0.76	1.91	15.90	14.50	11.90	12.40	5.23	2.57	1.38	1.11	5.83	May 13	35.3	2.44	0.579	1980
1981	0.88	0.69	0.89	3.99	12.40	17.80	17.50	9.74	6.13	2.61	1.35	1.19	6.32	Jul 01	49.5	5.00	0.579	1981
1982	0.84	0.90	0.75	1.36	8.95	17.70	22.60	12.00	5.73	4.28	2.12	1.86	6.65	Jul 27	91.7	4.11	0.504	1982
Normal	0.95	0.72	0.81	2.27	9.74	20.41	20.34	13.10	7.23	3.69	2.26	1.28	7.16	Average	54.0	4.55	0.611	m <sup>3</sup> /s
mm	18	13	16	42	188	381	392	252	135	71	42	25	1625	10-Year	83.7	2.80	0.455	m <sup>3</sup> /s



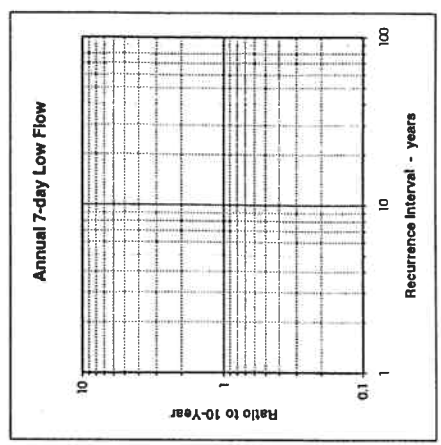
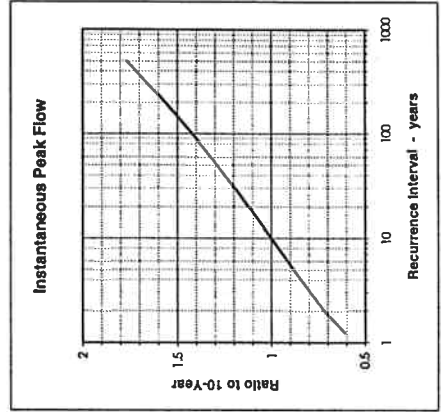
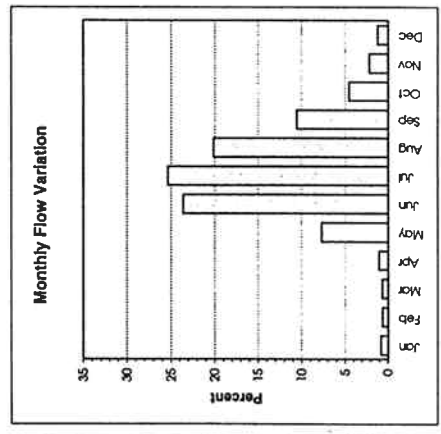
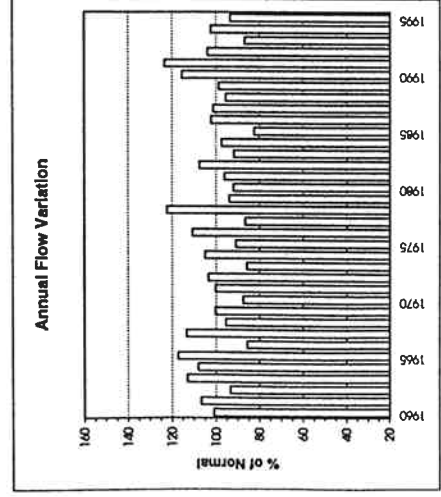
**SWIFT CREEK NEAR THE MOUTH 8KA012**

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 133 km <sup>2</sup>			Median Elevation = 1900 m			Instantaneous Peak Flow			7-Day Low Flow		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Jun-Sep	Annual	Year						
1960													3.91					1960						
1961													3.90					1961						
1962													2.96					1962						
1963													3.93					1963						
1964													3.85					1964						
1965													3.98					1965						
1966													5.25					1966						
1967													4.33					1967						
1968													3.73					1968						
1969													2.81					1969						
1970													3.60					1970						
1971													3.91					1971						
1972													3.91					1972						
1973													3.49					1973						
1974													3.99					1974						
1975													4.06					1975						
1976													4.11					1976						
1977													3.71					1977						
1978													4.07					1978						
1979													2.97					1979						
1980													3.48					1980						
1981													4.27					1981						
1982													3.62					1982						
1983													2.59					1983						
1984													3.76					1984						
1985													2.76					1985						
1986													3.73					1986						
1987													3.44					1987						
1988													2.90					1988						
1989													3.44					1989						
1990													3.41					1990						
1991													4.19					1991						
1992													3.12					1992						
1993													2.24					1993						
1994													3.17					1994						
1995													2.78					1995						
Normal													3.68					m <sup>3</sup> /s						
mm	11	8	8	15	120	284	201	88	51	37	24	14	873	10-Year	38.7	1.10	0.234	m <sup>3</sup> /s						



WHIRLPOOL RIVER NEAR THE MOUTH 7AA009

Year	Monthly and Annual Discharge in m <sup>3</sup> /s												Drainage Area = 598 km <sup>2</sup>	Median Elevation = 7 m							Mean	Instantaneous Peak Flow m <sup>3</sup> /s	7-Day Low Flow	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Annual	Jun-Sep	Year								
1960	0.77	0.60	0.52	0.95	14.6	31.9	37.8	31.6	23.3	11.30	6.25	1.73	15.9	63.3	1960									
1961	1.31	1.07	1.00	1.11	9.7	58.6	63.8	33.3	29.2	10.70	2.86	1.39	16.8	90.9	1961									
1962	1.51	1.61	1.36	1.10	13.1	35.3	48.7	39.2	25.8	7.41	3.27	1.90	14.7	104.7	1962									
1963	1.33	0.98	1.06	2.70	20.9	54.8	40.4	35.9	16.7	7.95	3.69	2.55	17.8	78.7	1963									
1964	1.38	1.00	0.56	0.44	7.9	54.1	44.9	35.2	11.7	5.60	1.82	0.31	17.1	77.0	1964									
1965	0.51	0.84	0.82	1.45	18.6	44.4	42.5	45.0	20.0	9.19	3.29	2.02	18.5	79.6	1965									
1966	1.38	1.11	1.30	1.27	17.6	63.0	41.3	39.2	15.8	8.85	3.09	1.73	13.5	108.0	1966									
1967	1.20	1.04	0.97	1.24	16.0	40.2	37.5	33.7	15.1	7.94	3.79	2.88	13.5	97.1	1967									
1968	2.04	1.52	1.27	2.79	9.6	52.6	53.3	38.2	21.1	9.54	3.41	2.46	16.6	121.0	1968									
1969	1.56	1.14	0.89	0.86	8.0	32.0	56.8	29.1	14.5	8.77	13.53	3.98	14.4	88.3	1969									
1970	1.87	1.49	1.36	3.14	17.2	29.6	57.0	51.4	28.4	10.30	4.24	2.70	17.5	74.8	1970									
1971	1.69	1.62	1.55	2.34	10.5	42.2	38.7	39.0	16.1	5.52	2.29	1.80	13.7	108.0	1971									
1972	1.27	1.30	1.09	1.66	10.8	53.7	60.8	38.1	40.0	13.30	5.14	3.69	19.3	81.3	1972									
1973	2.28	1.86	1.85	1.65	9.7	39.1	49.0	29.1	16.8	10.70	3.37	2.92	14.5	72.2	1973									
1974	1.59	1.26	1.12	4.45	25.9	39.0	37.2	45.0	21.0	9.92	5.28	1.73	15.2	69.4	1974									
1975	2.17	1.28	0.93	1.50	20.5	28.9	47.0	37.6	21.0	9.92	3.68	2.70	17.0	68.9	1975									
1976	1.14	0.89	0.78	0.68	5.1	55.9	54.5	37.6	29.9	7.92	7.92	2.56	14.8	101.0	1976									
1977	2.05	1.77	1.78	2.04	13.5	37.9	43.9	37.0	17.0	7.92	5.58	2.56	14.5	74.8	1977									
1978	1.93	1.65	1.48	1.78	4.8	50.4	43.7	41.2	23.6	9.82	2.20	1.69	15.4	84.2	1978									
1979	1.13	1.18	1.48	1.67	19.3	34.4	45.4	29.0	12.6	5.32	2.26	1.26	13.0	169.0	1979									
1980	1.15	0.92	1.18	1.83	18.1	56.1	49.3	36.6	15.7	6.74	2.92	1.89	16.1	70.2	1980									
1981	1.62	1.30	1.80	3.13	20.7	55.8	43.5	31.9	19.3	6.78	3.34	1.76	16.0	107.0	1981									
1982	1.39	1.28	1.11	4.83	17.3	45.2	36.7	37.7	18.2	9.35	4.83	2.60	15.1	14.3	1982									
1983	1.89	1.89	1.96	2.00	12.9	47.0	45.1	44.3	14.3	6.97	4.69	3.04	15.6	83.0	1983									
1984	2.34	1.98	1.78	3.22	15.4	52.0	61.1	43.4	20.4	8.31	4.90	2.63	18.2	85.6	1984									
1985	1.40	1.53	1.62	3.37	20.2	48.7	64.3	56.8	21.6	7.15	6.74	2.07	19.5	12.4	1985									
1986	1.67	1.28	1.63	5.66	18.7	55.5	38.7	31.7	15.6	17.74	5.43	2.59	16.4	106.0	1986									
1987	1.48	1.14	1.15	2.07	23.2	36.2	32.8	31.7	16.6	6.67	3.76	2.89	13.7	76.7	1987									
1988	1.63	1.07	1.54	4.62	25.2	41.3	50.1	35.3	18.7	8.22	2.99	1.91	16.2	67.2	1988									
1989	1.35	0.98	1.14	1.71	14.7	47.1	47.3	33.0	18.3	4.89	3.13	2.42	14.7	83.3	1989									
1990	1.54	1.30	1.23	1.99	14.3	45.4	47.2	37.5	20.3	8.48	4.12	2.25	15.8	69.6	1990									
1991	7	5	6	9	64	197	211	168	88	38	18	10	833	78.5	1991									
1992	7	5	6	9	64	197	211	168	88	38	18	10	833	90.3	1992									
1993	7	5	6	9	64	197	211	168	88	38	18	10	833	120	1993									
1994	7	5	6	9	64	197	211	168	88	38	18	10	833	7.99	1994									
1995	7	5	6	9	64	197	211	168	88	38	18	10	833	12.8	1995									
Norma	1.54	1.30	1.23	1.99	14.3	45.4	47.2	37.5	20.3	8.48	4.12	2.25	15.8	90.3	Average									



# YAAK RIVER NEAR TROY 12304500

Station Location: 48°33'43", 115°58'07"

Monthly and Annual Discharge in m<sup>3</sup>/s

7-Day Low Flow

Instantaneous Peak Flow

Median Elevation = 1407 m

1984 km<sup>2</sup>

Drainage Area =

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean	date	m <sup>3</sup> /s	Annual	Year	
1960	12.9	11.3	30.8	86.1	107.8	72.3	12.0	5.5	4.3	4.6	6.7	4.6	29.9	May 12	217	3.53	1960	
1961	5.0	11.9	18.4	50.5	163.2	81.9	12.1	4.7	4.5	5.5	5.1	4.4	30.7	May 27	277	3.96	1961	
1962	4.1	4.9	5.2	66.4	93.5	45.9	9.0	4.4	4.5	14.8	12.2	14.8	22.7	Apr 25	148	3.32	1962	
1963	9.4	19.2	16.8	47.0	89.9	42.4	16.5	6.5	4.5	5.5	8.2	6.5	22.7	May 24	135	3.78	1963	
1964	6.3	5.0	4.7	34.8	117.7	72.5	13.1	6.4	5.1	6.4	7.0	6.6	23.8	May 20	238	4.64	1964	
1965	7.7	10.2	11.4	73.3	115.2	65.1	15.0	7.0	6.3	5.0	6.9	6.2	27.5	Apr 30	191	5.50	1965	
1966	5.5	4.9	11.5	64.5	114.7	61.6	14.3	5.6	3.4	4.1	5.6	8.7	25.4	May 07	211	2.88	1966	
1967	8.9	11.5	10.0	29.5	128.3	92.9	14.5	4.7	2.9	5.2	6.5	7.0	26.9	May 22	289	2.57	1967	
1968	6.6	14.1	25.5	26.1	91.4	49.0	12.1	6.0	9.3	14.8	19.7	15.3	24.2	May 23	144	3.67	1968	
1969	8.8	8.4	12.0	106.3	134.4	61.0	27.5	6.9	5.3	6.5	6.2	4.9	32.4	May 13	230	3.74	1969	
1970	4.4	6.3	8.1	21.5	105.1	45.9	9.5	4.3	4.1	3.8	4.2	5.2	18.6	May 18	163	2.92	1970	
1971	7.8	16.8	9.2	64.5	189.7	68.8	18.1	5.2	4.6	5.1	6.9	5.0	31.0	May 13	261	3.98	1971	
1972	4.4	10.6	53.0	41.1	143.7	81.2	7.1	4.7	3.1	5.4	5.3	3.9	31.9	May 16	250	3.83	1972	
1973	5.2	4.9	9.1	27.2	70.3	30.7	14.3	3.0	5.0	3.8	7.2	5.2	43.0	Jan 17	273	2.25	1973	
1974	44.0	18.2	23.0	96.8	137.2	141.4	26.7	8.1	5.0	7.2	12.2	36.7	27.6	Dec 04	270	3.55	1974	
1975	5.1	4.7	7.0	25.2	117.1	86.6	16.5	6.6	5.0	7.2	12.2	36.7	27.6	Dec 04	270	3.55	1975	
1976	12.4	9.6	9.2	60.6	127.8	45.1	16.3	9.8	5.9	4.4	3.6	3.6	25.9	May 11	289	4.71	1976	
1977	2.8	3.4	4.0	18.0	29.1	13.6	4.3	2.9	3.3	3.5	7.5	8.5	8.4	May 02	58	2.42	1977	
1978	5.2	4.3	19.1	50.2	103.4	54.1	18.0	6.9	6.1	4.5	6.1	4.4	23.6	May 16	170	5.42	1978	
1979	2.8	3.6	11.2	24.6	75.1	22.9	6.9	3.0	2.9	3.0	2.6	7.8	13.9	May 06	130	2.24	1979	
1980	4.4	4.7	7.9	66.1	86.1	78.9	25.7	7.7	5.4	4.4	7.9	22.8	21.3	Apr 29	198	4.60	1980	
1981	18.5	18.6	21.3	48.7	101.6	79.5	10.3	5.5	6.2	6.1	6.1	5.5	28.7	May 01	162	4.30	1981	
1982	4.4	22.3	21.2	41.1	117.9	79.5	24.7	6.8	5.3	5.7	5.3	7.7	28.5	May 26	206	4.45	1982	
1983	12.3	14.6	34.7	56.6	102.2	49.3	26.0	9.5	5.4	5.1	17.5	6.7	28.4	May 26	180	4.47	1983	
1984	8.3	10.4	14.8	37.8	58.8	65.9	15.3	5.2	4.1	4.1	5.2	3.1	19.4	May 30	121	3.57	1984	
1985	3.1	3.3	4.5	45.6	85.1	44.4	7.4	3.6	5.8	12.9	24.5	7.7	20.7	Jun 08	145	2.76	1985	
1986	7.5	13.6	48.9	63.8	75.7	29.8	9.4	4.0	4.0	8.2	10.5	9.7	23.8	Apr 23	129	3.00	1986	
1987	2.7	3.3	8.7	68.4	54.6	23.9	6.3	2.9	2.7	2.4	2.7	4.6	17.4	May 01	184	1.85	1987	
1988	6.0	4.3	12.4	70.6	93.5	44.3	9.7	6.0	5.2	5.3	19.0	5.0	15.7	Apr 07	184	1.85	1988	
1989	18.3	10.8	18.0	91.6	88.0	86.2	17.3	6.8	4.0	5.2	29.4	18.6	24.6	May 08	172	3.86	1989	
1990	11.1	23.6	20.0	86.0	124.3	71.2	21.6	7.3	4.2	3.2	4.1	16.3	32.6	Nov 25	216	3.33	1990	
1991	4.3	7.8	19.2	31.7	35.9	10.7	7.4	3.2	3.7	3.5	4.4	4.5	31.7	Apr 05	249	3.37	1991	
1992	3.2	2.9	9.5	36.2	70.0	20.5	19.4	10.6	6.7	5.7	4.1	4.4	16.2	Apr 30	75	2.56	1992	
1993	4.6	3.6	15.8	69.7	56.4	26.3	7.6	3.3	2.7	3.6	4.0	5.2	16.9	May 14	151	5.48	1993	
1994	5.9	20.1	33.0	38.0	77.9	54.4	16.0	6.6	4.2	3.6	4.0	5.2	16.9	Apr 22	137	2.25	1994	
1995	8.3	9.6	15.9	52.5	102.8	58.3	14.9	5.8	4.8	5.6	9.4	9.2	24.6	May 17	133	3.73	1995	
Normal	11	12	21	69	139	76	20	8	6	8	12	12	391	Average	188	3.62	2.98	m <sup>3</sup> /s
mm	11	12	21	69	139	76	20	8	6	8	12	12	391	10-Year	264	2.41	2.06	m <sup>3</sup> /s

