

Twizel River at Lake Poaka

M:\22163\Data Tables\71117\[Twizel River at Lake Poaka.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.71117

Version: 1

Catchment Area (km²) **121**
 Data period **1986 - 1995**

Low Flow Statistics (Provided by Environment Canterbury, 2004)

Mean Annual Low Flow (MALF) (m³/s) **0.431**
 5 Year Low Flow (m³/s) 0.225
 10 Year Low Flow (m³/s) 0.168

Monthly Statistics

Full Record Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	3.89	2.91	7.80	2.90	3.44	5.08	2.05	4.09	3.92	5.83	7.11	4.78	3.56
Mean Flow (m³/s)	2.57	1.80	2.95	1.64	1.90	2.61	1.54	2.13	1.91	3.99	4.33	3.64	2.59
Median Flow (m ³ /s)	2.01	2.02	1.60	1.61	1.36	2.23	1.58	2.20	1.20	4.08	3.56	3.87	2.52
10% Lowest (m ³ /s)	0.86	0.56	0.64	0.44	0.54	0.72	1.04	0.31	0.75	2.06	2.31	2.14	1.87

1980 - 2003 Statistics **Insufficient Data**

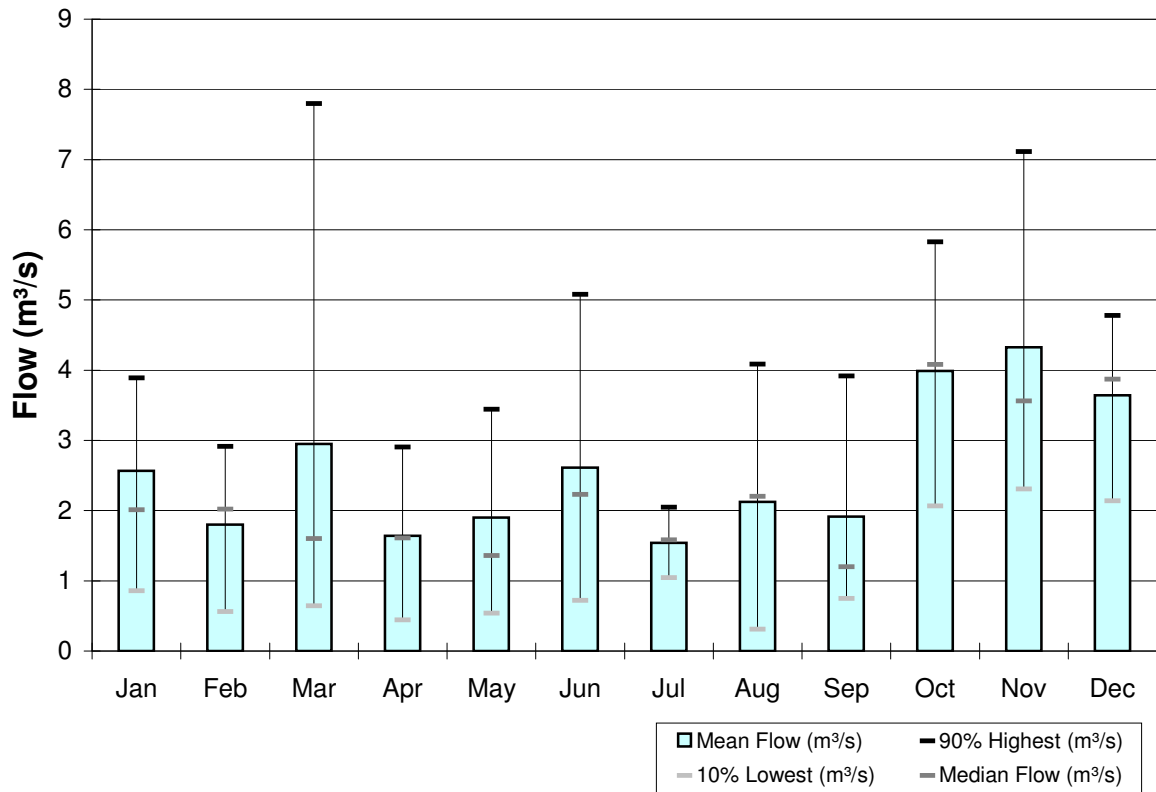
Seasonal Statistics

Full Record Statistics

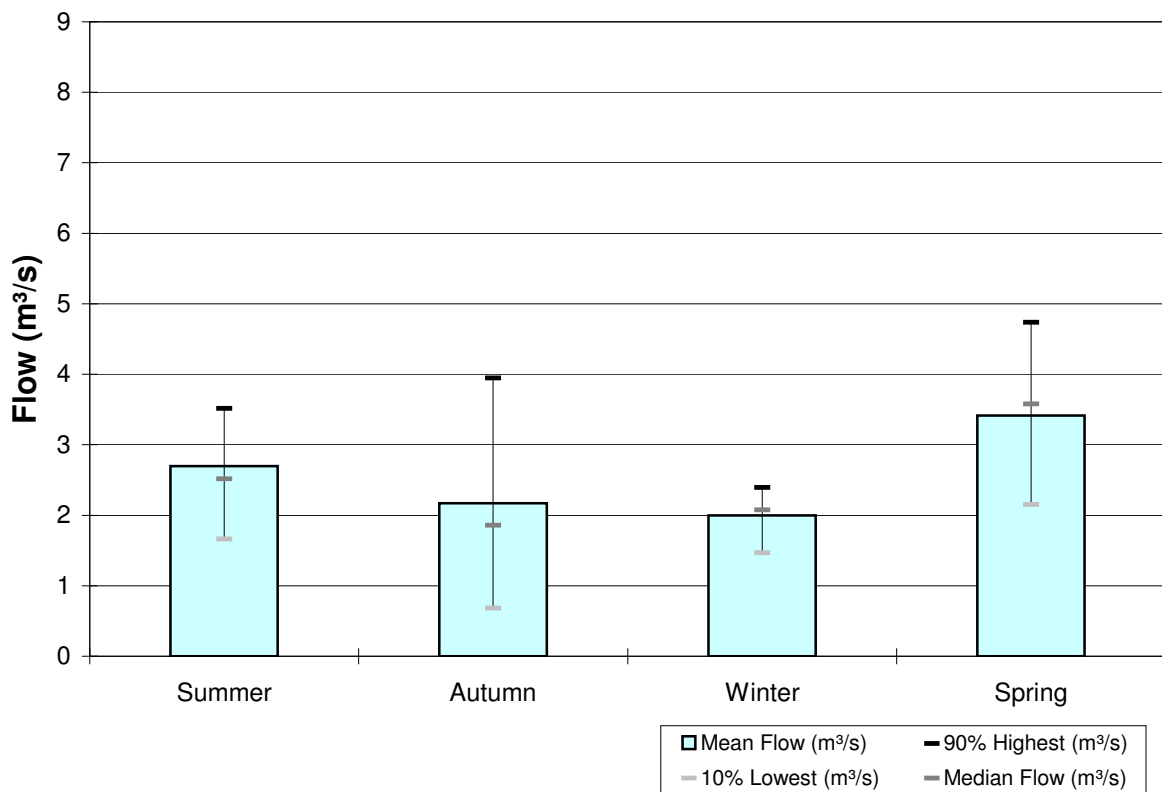
	Summer	Autumn	Winter	Spring	
90% Highest (m ³ /s)	3.52	3.95	2.39	4.73	Summer = Dec, Jan, Feb
Mean Flow (m ³ /s)	2.70	2.17	2.00	3.42	Autumn = Mar, Apr, May
Median Flow (m ³ /s)	2.51	1.86	2.08	3.58	Winter = Jun, Jul, Aug
10% Lowest (m ³ /s)	1.66	0.68	1.47	2.15	Spring = Sep, Oct, Nov

1980 - 2003 Statistics **Insufficient Data**

SITE 71117 Twizel River at Lake Poaka - MONTHLY FLOWS
FULL RECORD (Aug 1986 - Jun 1995)



SITE 71117 Twizel River at Lake Poaka - SEASONAL FLOWS
FULL RECORD (Aug 1986 - Jun 1995)



All values are flows in cubic metres per second

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean
1986	?	?	?	?	?	?	?	1.41	1.84	4.57	3.56	2.10	?
1987	2.01	2.44	11.11	3.95	3.18	4.30	1.08	0.76	1.20	4.25	3.03	2.31	3.31
1988	0.87	2.02	1.14	0.60	0.54	0.96	1.58	2.20	3.51	6.58	4.80	2.15	2.25
1989	0.81	1.27	2.05	0.76	1.28	2.70	0.99	0.22	0.46	1.24	1.37	4.59	1.48
1990	2.01	0.79	0.74	0.48	4.49	2.23	1.82	2.35	1.01	5.64	4.01	4.38	2.52
1991	1.60	3.45	1.08	2.47	1.31	?	?	5.91	5.54	3.51	3.28	4.00	?
1992	2.53	0.56	0.26	0.28	0.53	0.16	2.39	3.63	0.82	4.08	6.41	3.87	2.13
1993	2.78	2.33	1.60	1.98	2.84	6.89	1.27	0.33	0.94	3.78	2.54	3.84	2.63
1994	8.32	2.78	6.97	1.61	1.59	2.23	1.67	2.33	1.90	2.27	9.93	5.53	3.94
1995	2.18	0.56	1.60	2.64	1.36	1.42	?	?	?	?	?	?	?