

Otematata River at Pumphouse

M:\22163\Data Tables\71109[Otematata River at Pumphouse.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.71109

Version: 1

Catchment Area (km²) **668**
Data period **1962 - 1969**

Low Flow Statistics (Provided by Environment Canterbury, 2004)

Mean Annual Low Flow (MALF) (m³/s) **2.42**
5 Year Low Flow (m³/s) 1.895
10 Year Low Flow (m³/s) 1.757

Monthly Statistics

Full Record Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	10.52	9.15	13.18	16.45	14.97	7.83	6.05	6.22	16.66	21.51	15.56	9.00	11.23
Mean Flow (m³/s)	6.91	5.16	7.43	9.38	8.57	4.89	4.12	4.39	10.91	12.54	10.41	6.05	7.57
Median Flow (m ³ /s)	6.02	4.05	4.52	8.71	8.22	3.75	4.20	4.04	9.02	11.61	10.98	5.74	6.44
10% Lowest (m ³ /s)	4.21	2.28	2.70	2.97	3.68	2.16	2.11	2.93	6.73	6.01	5.05	4.06	4.51

1980 - 2003 Statistics Insufficient Data

Seasonal Statistics

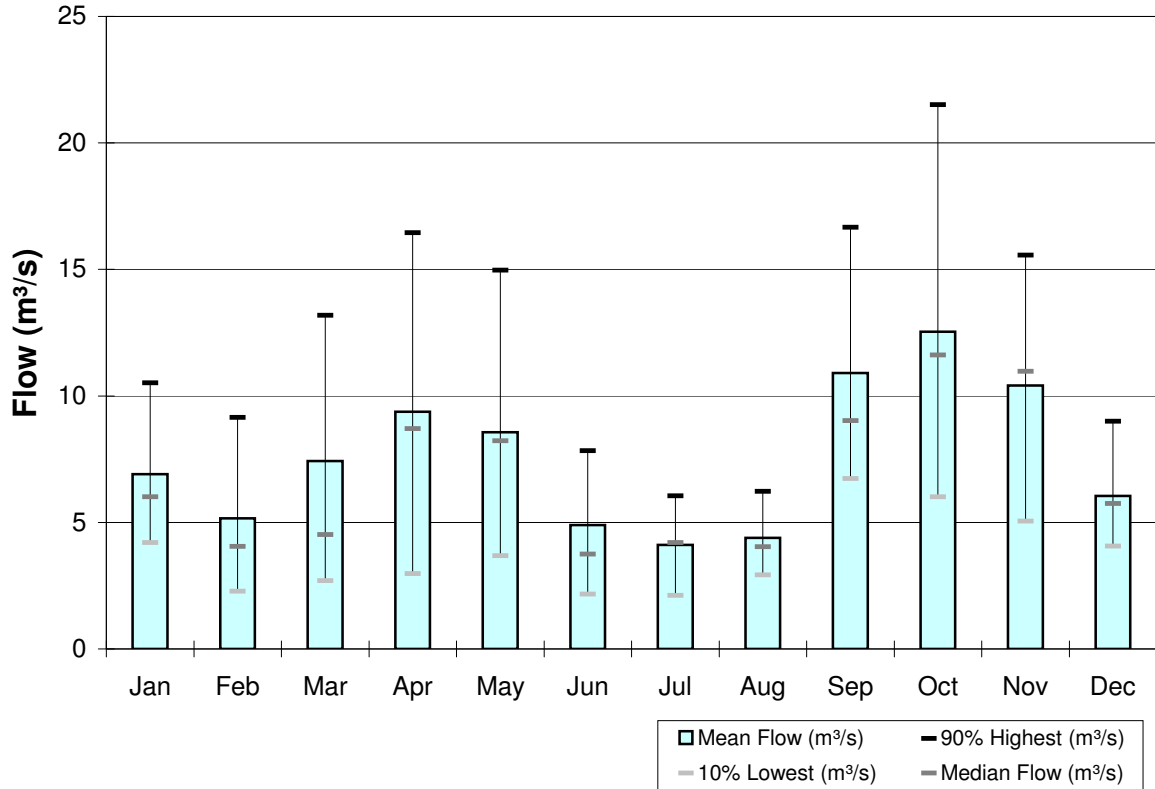
Full Record Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m ³ /s)	8.67	14.33	6.52	16.94
Mean Flow (m ³ /s)	6.18	8.94	4.59	11.09
Median Flow (m ³ /s)	6.10	8.86	4.71	8.92
10% Lowest (m ³ /s)	3.78	3.63	2.55	6.00

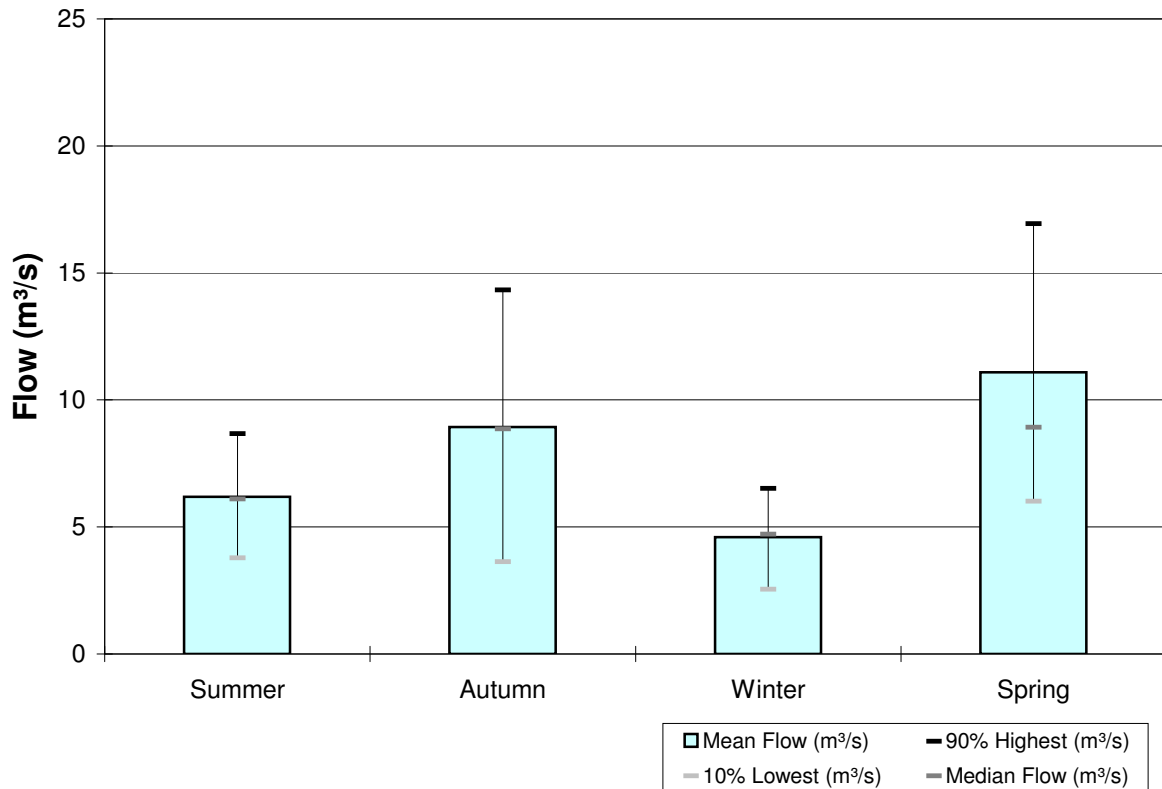
Summer = Dec, Jan, Feb
Autumn = Mar, Apr, May
Winter = Jun, Jul, Aug
Spring = Sep, Oct, Nov

1980 - 2003 Statistics - Not Available

**SITE 71109 Otematata at Pumphouse - MONTHLY FLOWS
FULL RECORD (Oct 1962 - Dec 1969)**



**SITE 71109 Otematata at Pumphouse - SEASONAL FLOWS
FULL RECORD (Oct 1962 - Dec 1969)**



All values are flows in cubic metres per second

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean
1962	?	?	?	?	?	?	?	?	?	15.66	11.68	4.15	?
1963	?	?	10.71	8.67	12.27	7.06	7.70	4.37	21.08	21.75	10.27	5.57	?
1964	3.06	1.69	4.39	2.98	4.67	3.57	2.33	3.01	6.41	8.06	9.71	6.47	4.70
1965	12.21	12.98	16.88	8.75	8.22	8.00	4.12	4.50	13.71	15.16	15.79	4.27	10.35
1966	8.82	3.32	4.52	2.96	2.19	1.66	1.89	2.84	6.99	7.18	6.40	3.86	4.39
1967	5.35	2.87	2.82	9.83	8.89	3.75	4.27	3.70	6.94	7.82	12.05	8.88	6.44
1968	5.71	5.31	10.15	23.06	19.02	7.72	4.39	7.94	12.19	21.40	15.46	9.27	11.81
1969	6.32	4.78	2.52	?	4.71	2.49	?	?	9.02	3.29	1.90	5.91	?