

Omarama Stream at Wardells Br

M:\22163\Data Tables\71136\[Omarama Stream at Wardells Br.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.71136

Version: 1

Catchment Area (km²) **281**
 Data period **1988 - 1995**

Low Flow Statistics (Provided by Environment Canterbury, 2004)

Mean Annual Low Flow (MALF) (m³/s) Not Available
 5 Year Low Flow (m³/s) Not Available
 10 Year Low Flow (m³/s) Not Available

Monthly Statistics

Full Record Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	3.82	2.12	2.55	2.06	2.93	3.51	3.43	5.59	5.23	4.62	5.80	3.02	3.31
Mean Flow (m³/s)	2.17	1.54	1.60	1.61	2.01	2.39	2.31	3.42	3.23	3.41	3.33	2.04	2.43
Median Flow (m ³ /s)	1.43	1.42	1.25	1.48	1.73	2.70	2.37	2.55	2.75	3.48	2.73	1.83	2.18
10% Lowest (m ³ /s)	1.01	1.06	1.02	1.14	1.29	1.27	1.13	1.90	1.83	2.05	1.20	1.42	1.87

1980 - 2003 Statistics **Insufficient Data**

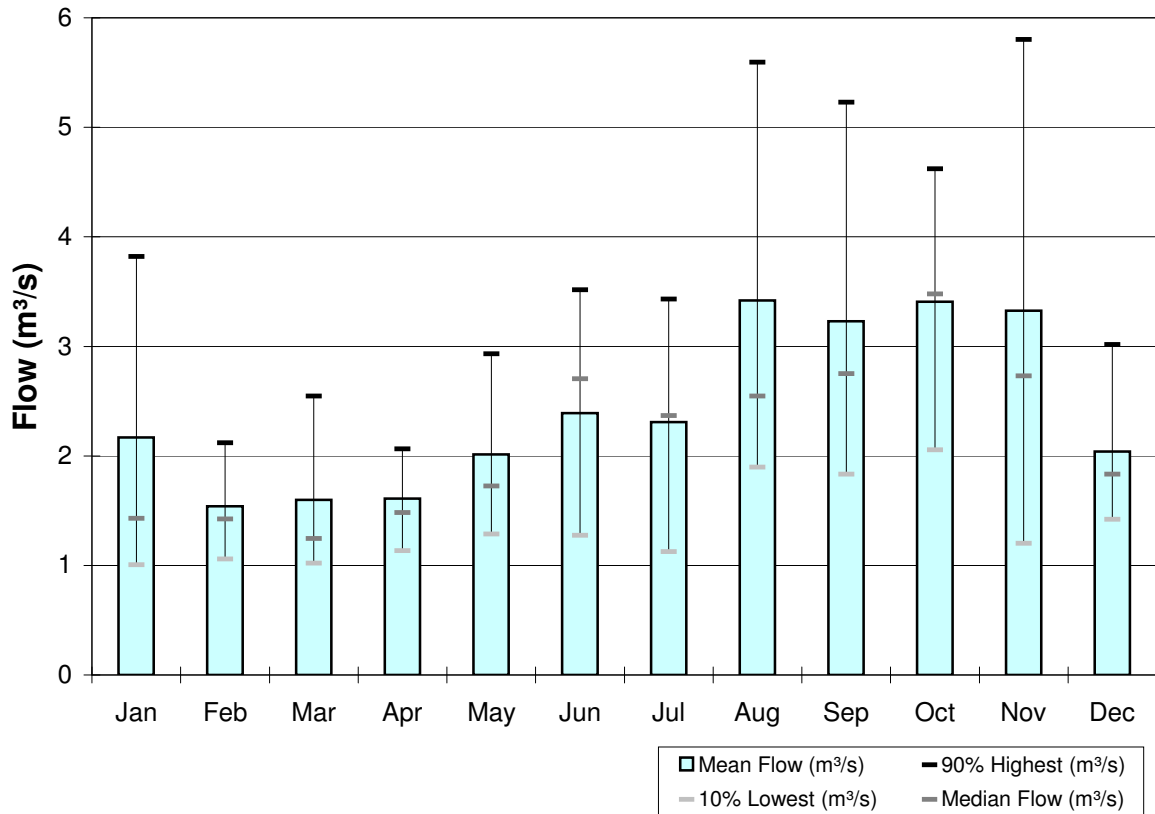
Seasonal Statistics

Full Record Statistics

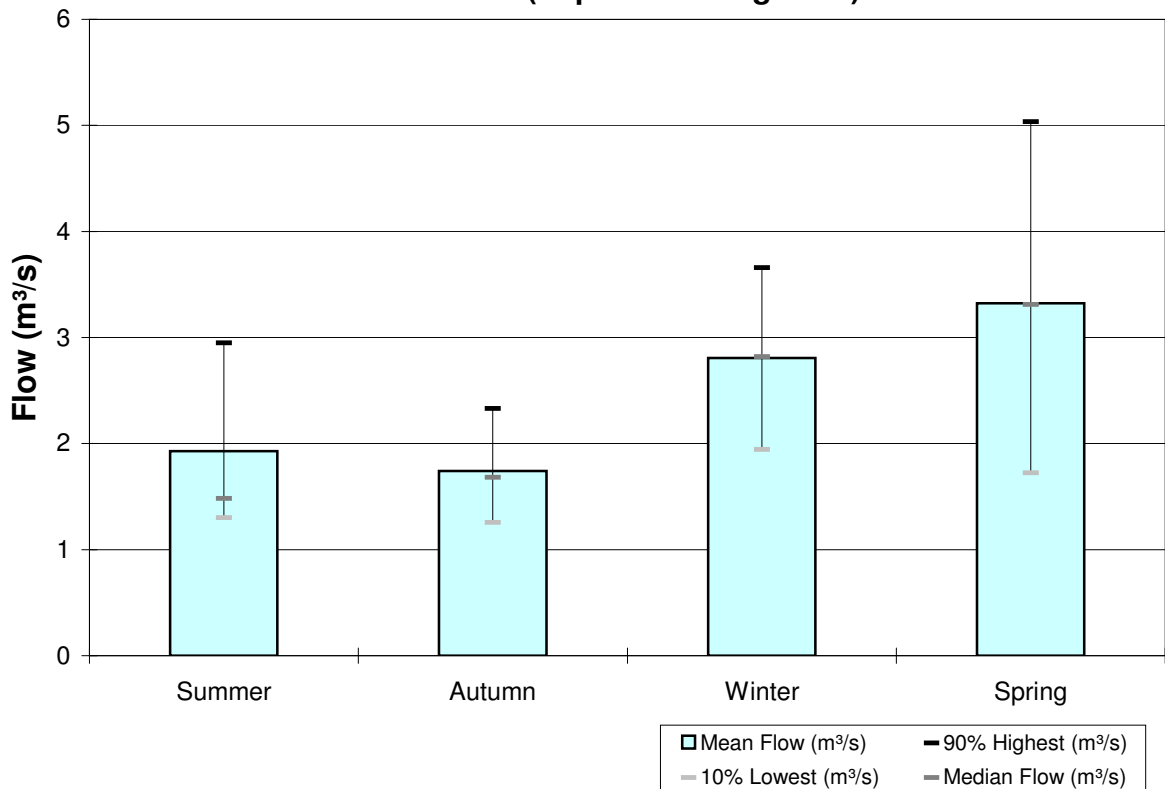
	Summer	Autumn	Winter	Spring	
90% Highest (m ³ /s)	2.95	2.33	3.66	5.03	Summer = Dec, Jan, Feb
Mean Flow (m ³ /s)	1.93	1.74	2.81	3.32	Autumn = Mar, Apr, May
Median Flow (m ³ /s)	1.48	1.68	2.82	3.31	Winter = Jun, Jul, Aug
10% Lowest (m ³ /s)	1.30	1.25	1.94	1.72	Spring = Sep, Oct, Nov

1980 - 2003 Statistics **Insufficient Data**

**SITE 71136 Omarama Stream at Wardells Br - MONTHLY FLOWS
FULL RECORD (Sept 1988 - Aug 2004)**



**SITE 71136 Omarama Stream at Wardells Br - SEASONAL FLOWS
FULL RECORD (Sept 1988 - Aug 2004)**



All values are flows in cubic metres per second

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean
1988	?	?	?	?	?	?	?	?	3.12	5.08	2.73	1.43	?
1989	1.04	1.65	2.18	1.89	2.56	3.97	2.77	1.90	1.29	1.37	1.05	1.65	1.94
1990	1.87	1.52	1.25	1.17	3.48	3.21	2.72	3.87	2.75	3.43	2.25	1.41	2.42
1991	0.96	1.26	0.93	1.46	1.73	1.40	0.85	6.03	6.65	4.31	3.48	1.93	2.59
1992	1.43	1.05	1.08	1.09	1.09	1.09	1.40	2.55	2.19	3.67	4.05	1.83	1.88
1993	1.37	1.07	1.20	1.48	1.42	2.70	2.02	1.90	2.31	2.51	1.31	3.03	1.86
1994	6.75	2.83	3.09	2.28	2.14	2.71	4.09	5.31	4.28	3.48	8.43	3.01	4.04
1995	1.76	1.42	1.46	1.92	1.68	1.65	?	?	?	?	?	?	?
1996	?	?	?	?	?	?	?	?	?	?	?	?	?
1997	?	?	?	?	?	?	?	?	?	?	?	?	?
1998	?	?	?	?	?	?	?	?	?	?	?	?	?
1999	?	?	?	?	?	?	?	?	?	?	?	?	?
2000	?	?	?	?	?	?	?	?	?	?	?	?	?
2001	?	?	?	?	?	?	?	?	?	?	?	?	?
2002	?	?	?	?	?	?	?	?	?	?	?	?	?
2003	?	?	?	?	?	?	?	?	?	?	?	?	?
2004	?	?	?	?	?	?	?	2.39	?	?	?	?	?