

# Omarama Stream at above Tara Hills

M:\22163\Data Tables\71189\[Omarama Stream at above Tara Hills.xls]Summary

All values are flows in cubic metres per second

Site No.71189

Catchment Area (km<sup>2</sup>)

Data period

171

1988 - 2004

Date: 13/12/04

Version: 1

## Low Flow Statistics (Provided by Environment Canterbury, 2004)

Mean Annual Low Flow (MALF) (m <sup>3</sup> /s)	<b>0.65</b>
5 Year Low Flow (m <sup>3</sup> /s)	0.47
10 Year Low Flow (m <sup>3</sup> /s)	0.40

## Monthly Statistics

### Full Record Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m <sup>3</sup> /s)	3.56	1.81	1.74	1.35	1.76	2.30	2.48	3.52	4.47	3.81	2.99	2.18	2.32
<b>Mean Flow (m<sup>3</sup>/s)</b>	<b>1.45</b>	<b>1.02</b>	<b>0.92</b>	<b>0.90</b>	<b>1.09</b>	<b>1.38</b>	<b>1.51</b>	<b>1.88</b>	<b>2.27</b>	<b>2.38</b>	<b>2.09</b>	<b>1.54</b>	<b>1.54</b>
Median Flow (m <sup>3</sup> /s)	1.03	0.88	0.61	0.69	0.86	0.89	1.28	1.39	1.86	2.23	1.71	1.28	1.48
10% Lowest (m <sup>3</sup> /s)	0.64	0.50	0.44	0.40	0.45	0.55	0.49	1.01	0.96	1.13	1.09	0.90	0.94

1980 - 2003 Statistics Not Available

## Seasonal Statistics

### Full Record Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m <sup>3</sup> /s)	2.41	1.65	2.15	3.63
Mean Flow (m <sup>3</sup> /s)	<b>1.35</b>	<b>0.97</b>	<b>1.59</b>	<b>2.25</b>
Median Flow (m <sup>3</sup> /s)	1.08	0.75	1.54	2.04
10% Lowest (m <sup>3</sup> /s)	0.77	0.45	0.79	1.07

Summer = Dec, Jan, Feb

Autumn = Mar, Apr, May

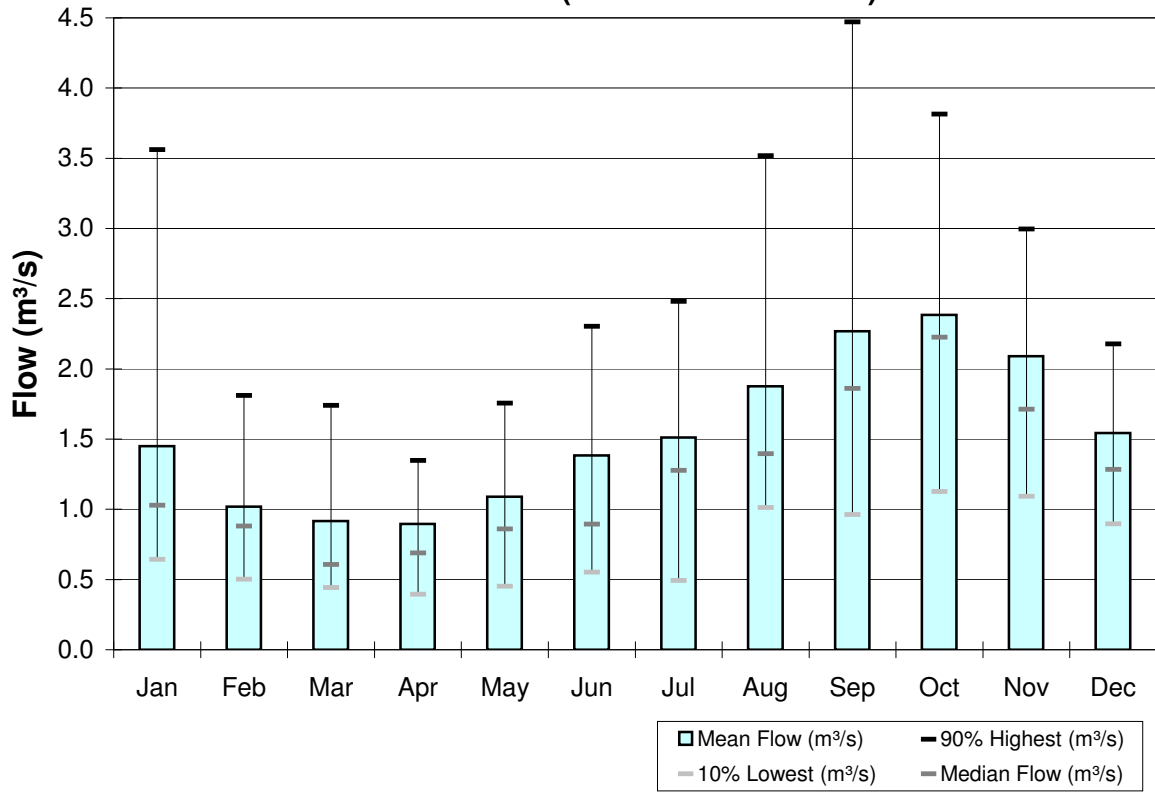
Winter = Jun, Jul, Aug

Spring = Sep, Oct, Nov

1980 - 2003 Statistics Not Available

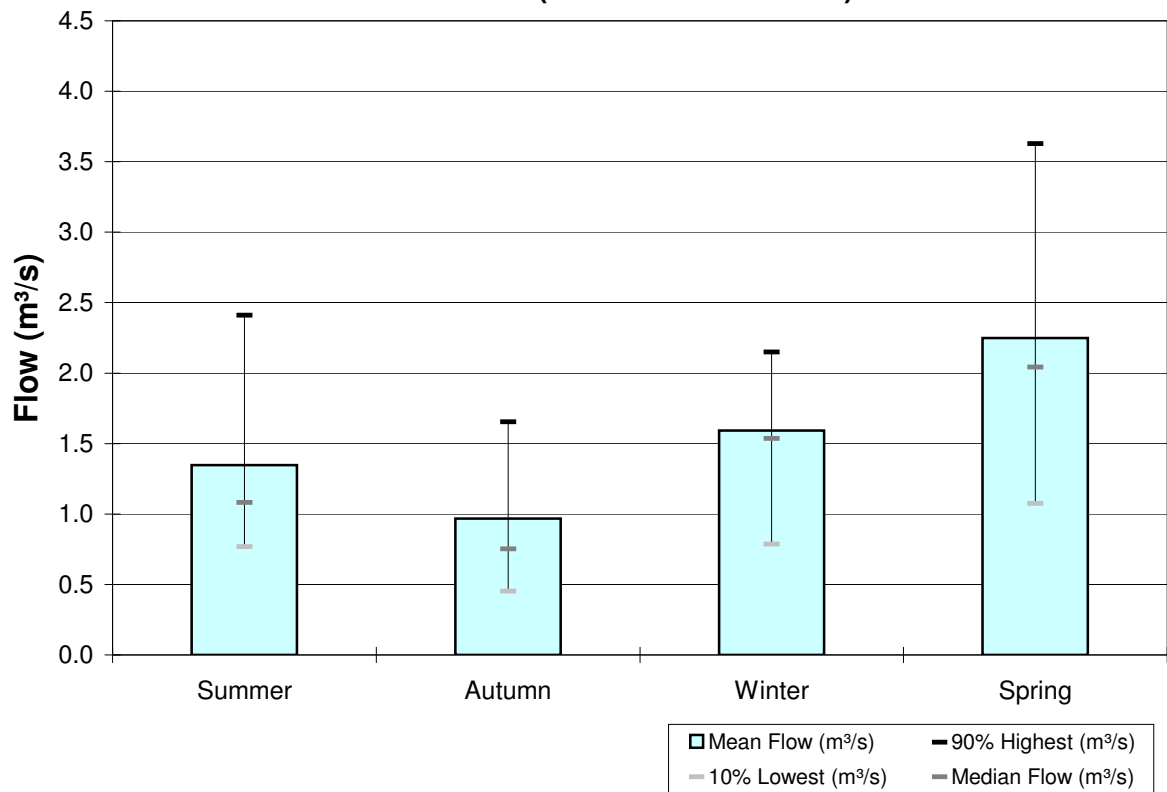
**SITE 71189 Omarama Stream at above Tara Hills - MONTHLY FLOWS**

**FULL RECORD (Jan 1988 - Jun 2004)**



**SITE 71189 Omarama Stream at above Tara Hills - SEASONAL FLOWS**

**FULL RECORD (Jan 1988 - Jun 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	?	?	?	?	?	?	?	?	?	?	2.08	1.16	?
1989	0.85	1.07	1.37	1.33	1.41	2.24	2.37	1.32	0.88	1.02	0.73	1.16	1.31
1990	1.36	0.83	0.56	0.60	1.96	1.70	1.69	2.18	1.85	2.61	1.66	0.96	1.50
1991	0.70	0.58	0.60	0.69	0.92	0.70	0.50	3.53	4.49	3.08	1.62	0.98	1.54
1992	0.96	0.60	0.45	0.38	0.40	0.44	0.44	1.10	1.31	2.23	2.81	1.35	1.04
1993	0.85	0.54	0.44	0.58	0.65	1.54	1.34	1.25	1.53	2.16	0.99	1.57	1.12
1994	3.83	1.82	1.88	1.37	1.11	1.45	2.23	2.96	2.59	2.36	5.88	2.06	2.46
1995	1.09	0.79	0.61	0.89	0.80	0.78	0.82	1.14	4.45	4.76	2.63	4.68	1.96
1996	3.67	2.01	1.61	2.92	3.39	1.98	1.39	1.10	1.40	2.47	1.77	1.62	2.11
1997	1.37	1.13	0.90	1.11	1.18	0.92	0.86	3.56	2.69	1.90	1.34	0.83	1.48
1998	0.60	0.46	0.44	0.68	0.70	0.80	2.59	2.62	2.04	3.72	2.99	1.23	1.58
1999	0.66	0.45	0.39	0.42	0.73	0.87	1.21	1.47	1.86	1.29	3.00	1.62	1.16
2000	1.14	1.29	0.81	0.78	1.13	4.51	4.05	3.51	4.91	3.88	2.15	1.34	2.46
2001	1.15	0.94	0.57	0.41	0.39	0.45	0.48	0.48	0.55	0.70	1.22	2.30	0.80
2002	3.45	1.35	0.81	0.59	0.63	0.65	0.90	1.26	2.37	1.78	1.41	1.10	1.36
2003	0.90	0.64	0.46	0.37	0.51	0.75	1.06	0.93	1.08	1.83	1.19	0.76	0.88
2004	0.63	1.80	2.78	1.21	1.55	2.36	2.24	1.63	?	?	?	?	?