

# Otekaieke River at Weir

M:\22163\Data Tables\71178\[Otekaieke River at Weir.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.71178 (incorporating Site No.s 71102 & 71167)

Version: 1

Catchment Area (km<sup>2</sup>) **78.7**

Data period **1971 - 1995**

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

Mean Annual Low Flow (MALF) (m <sup>3</sup> /s)	<b>0.25</b>
5 Year Low Flow (m <sup>3</sup> /s)	0.20
10 Year Low Flow (m <sup>3</sup> /s)	0.19

## 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)	1.90	1.81	2.47	1.93	1.70	1.96	1.83	2.49	2.66	2.72	1.63	2.58	1.84
<b>Mean Flow (m<sup>3</sup>/s)</b>	<b>0.82</b>	<b>0.77</b>	<b>1.10</b>	<b>0.81</b>	<b>0.94</b>	<b>1.19</b>	<b>1.42</b>	<b>1.49</b>	<b>1.42</b>	<b>1.61</b>	<b>1.08</b>	<b>1.26</b>	<b>1.16</b>
Median Flow (m <sup>3</sup> /s)	0.55	0.49	0.44	0.51	0.82	0.80	0.96	1.10	1.16	1.50	1.04	0.79	1.12
10% Lowest (m <sup>3</sup> /s)	0.35	0.26	0.24	0.28	0.34	0.39	0.47	0.45	0.69	0.60	0.51	0.35	0.70

1980 - 2003 Statistics Not Available

## Seasonal Statistics

### Full Record Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m <sup>3</sup> /s)	2.67	2.06	2.60	2.16
Mean Flow (m <sup>3</sup> /s)	<b>1.14</b>	<b>0.94</b>	<b>1.34</b>	<b>1.37</b>
Median Flow (m <sup>3</sup> /s)	0.75	0.69	1.28	1.36
10% Lowest (m <sup>3</sup> /s)	0.36	0.35	0.58	0.66

Summer = Dec, Jan, Feb

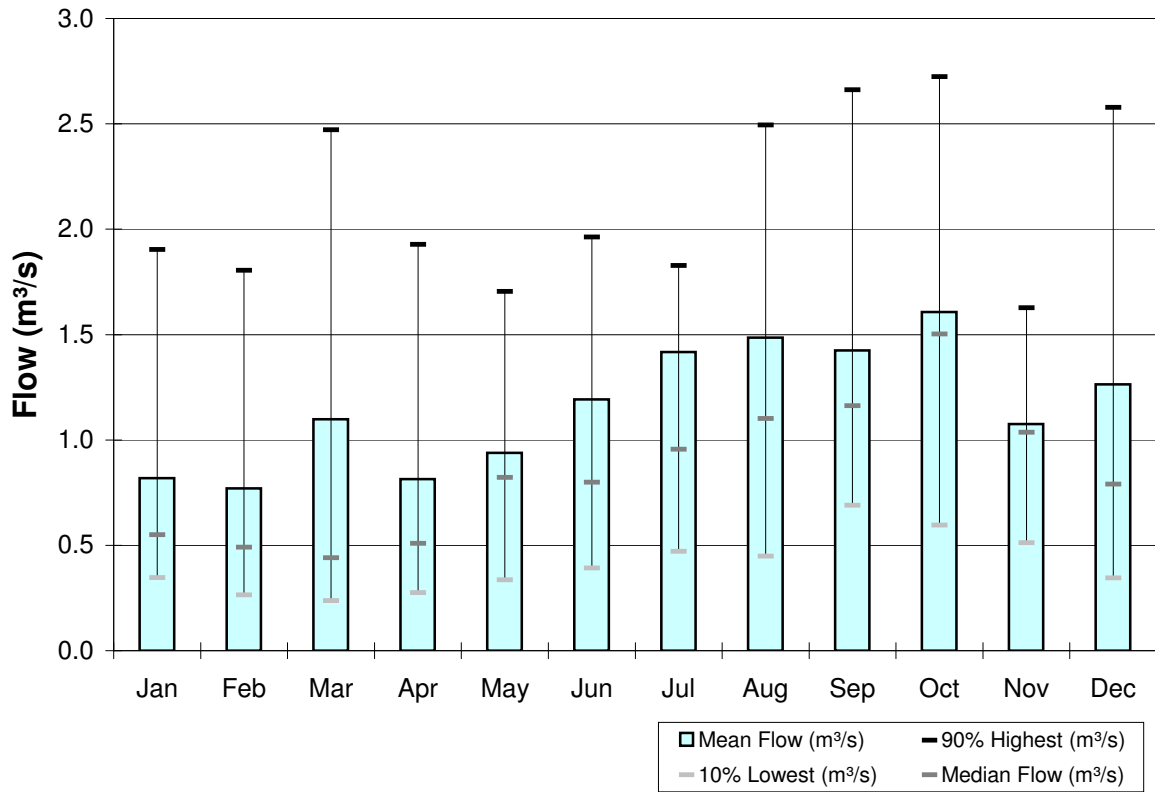
Autumn = Mar, Apr, May

Winter = Jun, Jul, Aug

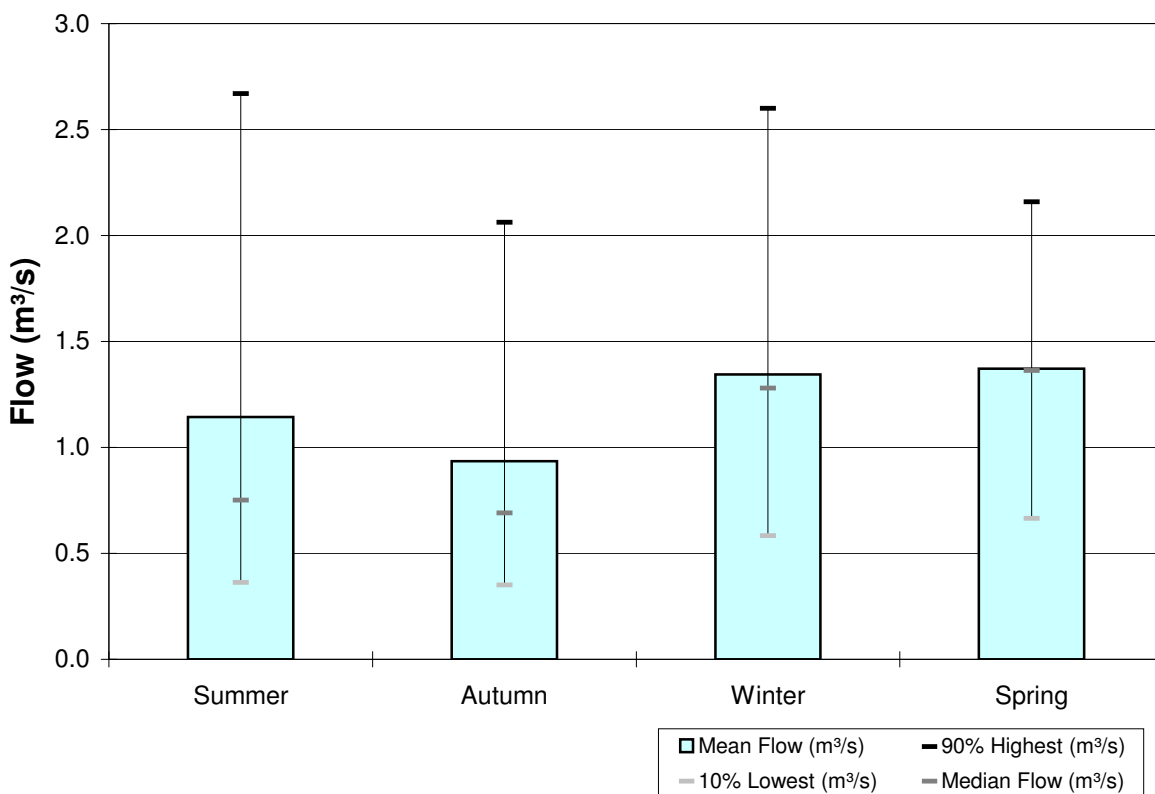
Spring = Sep, Oct, Nov

1980 - 2003 Statistics Not Available

**SITE 71178 Otekaieke River at Weir - MONTHLY FLOWS  
FULL RECORD (Jan 1971 - Jun 1995)**



**SITE 71178 Otekaieke River at Weir - SEASONAL FLOWS  
FULL RECORD (Jan 1971 - 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
1971	0.55	0.29	0.98	0.55	0.49	2.71	1.40	1.12	1.10	2.43	1.64	0.73	1.17
1972	0.45	0.26	0.27	0.26	2.72	1.11	1.83	0.87	1.57	1.73	0.71	0.28	1.01
1973	0.10	0.11	0.23	0.31	0.47	0.27	0.27	1.67	1.85	0.81	1.95	0.44	0.71
1974	0.34	0.71	1.18	2.46	0.95	0.80	1.64	1.41	0.94	2.61	1.13	0.43	1.22
1975	1.04	2.27	1.97	1.18	1.08	0.95	0.96	1.47	2.06	0.99	0.99	0.46	1.28
1976	0.40	0.81	0.28	0.24	0.63	0.49	0.70	1.44	2.32	2.61	1.48	1.71	1.09
1977	2.38	0.52	0.36	0.30	1.06	0.91	1.82	1.23	1.23	1.41	0.89	0.84	1.09
1978	0.58	0.32	0.21	2.42	0.98	1.10	5.29	2.56	2.81	2.46	1.23	2.68	1.90
1979	0.78	0.34	0.88	0.87	2.08	0.68	0.63	0.87	0.93	1.80	1.41	0.74	1.01
1980	1.80	0.61	2.63	3.44	1.66	7.26	0.86	1.20	0.77	0.94	1.50	1.06	1.97
1981	0.41	0.38	1.09	0.51	0.35	2.01	1.09	0.90	0.79	0.89	0.47	0.37	0.77
1982	0.39	0.26	0.23	0.51	0.52	0.42	?	0.42	0.72	1.91	1.60	1.22	0.73
1983	1.01	0.47	0.68	0.88	1.29	1.88	1.53	1.06	3.09	3.12	1.44	2.35	1.57
1984	0.57	0.37	0.99	0.36	0.77	0.54	0.73	1.05	0.73	0.63	0.56	0.91	0.69
1985	0.38	0.27	0.24	0.19	0.21	0.26	0.63	0.42	0.68	0.50	1.08	3.39	0.69
1986	1.97	3.52	2.24	1.06	0.72	0.74	1.23	4.88	1.61	2.34	0.99	0.73	1.84
1987	0.44	1.11	5.30	0.52	1.73	1.39	1.71	1.08	1.61	1.10	0.58	0.95	1.47
1988	0.99	0.75	0.44	0.43	0.30	0.37	0.80	0.52	0.44	0.28	0.36	0.27	0.50
1989	0.36	0.50	0.49	0.35	0.78	1.19	0.69	0.50	1.05	1.60	0.49	0.58	0.72
1990	0.54	0.42	0.33	0.36	1.01	0.42	0.43	5.91	1.33	3.04	1.24	0.54	1.31
1991	0.38	0.67	0.40	0.94	0.84	0.54	0.89	1.09	3.33	1.12	0.87	1.59	1.05
1992	1.17	0.49	0.30	0.30	0.37	0.48	1.37	2.35	1.87	2.77	1.96	1.22	1.23
1993	1.04	0.82	0.43	0.38	1.33	0.74	0.41	0.32	0.57	0.58	0.70	6.48	1.16
1994	2.10	2.52	4.97	1.05	0.82	0.85	5.70	1.30	0.83	0.91	0.58	0.34	1.83
1995	0.30	0.45	0.33	0.50	0.33	1.70	?	?	?	?	?	?	?