

# Morven Glenavy I.S. at Ross Rd

M:\22163\Data Tables\71190\[Morven Glenavy I.S. at Ross Rd.xls]Summary

All values are flows in cubic metres per second

Date: 17/12/04

Site No.71190

Version: 1

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

n/a

Data period

1990 - 2004

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

Mean Annual Low Flow (MALF) (m<sup>3</sup>/s) Not Available

5 Year Low Flow (m<sup>3</sup>/s) Not Available

10 Year Low Flow (m<sup>3</sup>/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 <sup>3</sup> /s)	12.25	11.29	12.40	10.28	5.46	0.37	0.02	1.58	7.15	10.54	10.58	12.26	6.82
<b>Mean Flow (m<sup>3</sup>/s)</b>	<b>10.27</b>	<b>9.71</b>	<b>10.32</b>	<b>7.27</b>	<b>3.41</b>	<b>0.12</b>	<b>0.01</b>	<b>0.52</b>	<b>5.16</b>	<b>8.61</b>	<b>9.66</b>	<b>10.60</b>	<b>6.29</b>
Median Flow (m <sup>3</sup> /s)	10.21	9.82	9.78	6.75	3.35	0.04	0.00	0.02	5.65	8.98	9.90	10.77	6.34
10% Lowest (m <sup>3</sup> /s)	9.08	8.00	9.19	4.94	2.22	0.00	0.00	0.00	2.42	6.58	8.36	9.36	5.97

1980 - 2003 Statistics Insufficient Data

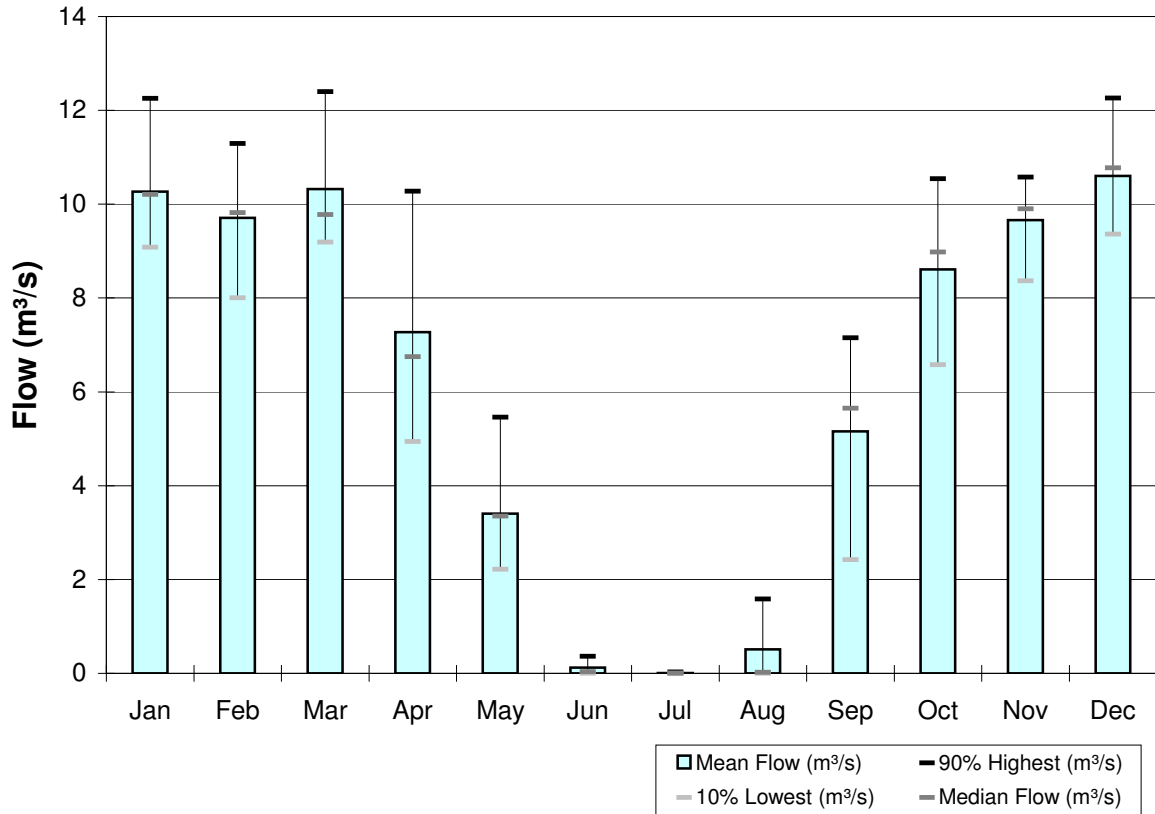
## Seasonal Statistics

### Full Record Statistics

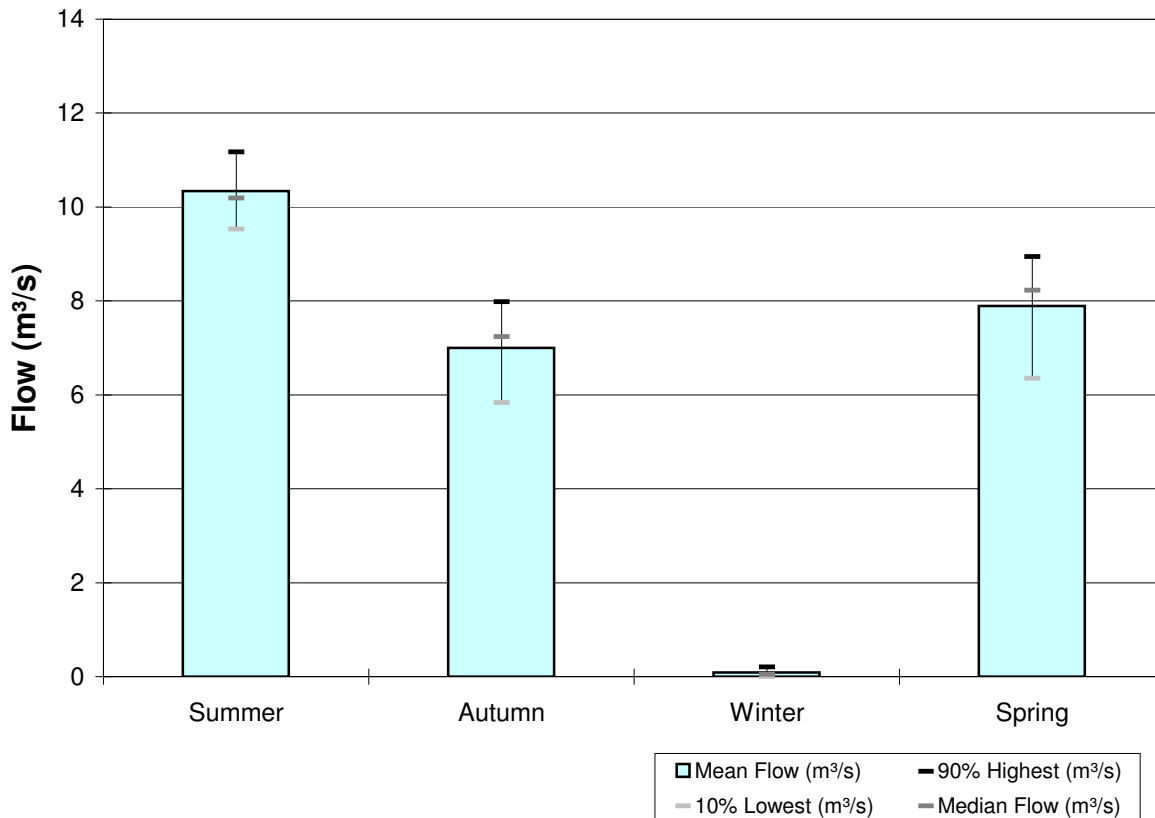
	Summer	Autumn	Winter	Spring	
90% Highest (m <sup>3</sup> /s)	11.17	7.98	0.21	8.94	Summer = Dec, Jan, Feb
Mean Flow (m <sup>3</sup> /s)	<b>10.34</b>	<b>7.00</b>	<b>0.09</b>	<b>7.90</b>	Autumn = Mar, Apr, May
Median Flow (m <sup>3</sup> /s)	10.19	7.24	0.05	8.23	Winter = Jun, Jul, Aug
10% Lowest (m <sup>3</sup> /s)	9.53	5.83	0.00	6.35	Spring = Sep, Oct, Nov

1980 - 2003 Statistics Insufficient Data

**SITE 71190 Morven Glenavy I.S. at Ross Rd - MONTHLY FLOWS  
FULL RECORD (Dec 1990 - Sep 2004)**



**SITE 71190 Morven Glenavy I.S. at Ross Rd - SEASONAL FLOWS  
FULL RECORD (Dec 1990 - Sep 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
1990	?	?	?	?	?	?	?	?	?	?	8.34	9.27	?
1991	10.24	8.00	9.98	8.93	1.97	?	?	?	?	?	7.55	?	?
1992	?	?	?	?	?	?	?	?	?	?	?	10.46	?
1993	9.73	8.54	9.88	5.30	2.24	?	?	3.50	7.15	8.98	9.41	7.46	?
1994	?	9.09	?	4.85	5.80	?	?	?	?	8.42	10.44	10.82	?
1995	?	9.79	9.51	7.11	5.99	0.50	?	?	3.10	4.09	10.56	9.71	?
1996	9.32	10.47	9.31	6.38	2.62	0.15	0.04	0.03	5.96	10.54	8.66	10.05	6.11
1997	?	?	9.07	5.62	3.35	0.02	0.01	0.01	5.44	10.28	10.58	10.77	?
1998	10.95	10.96	9.82	9.15	3.70	0.35	0.02	0.06	6.89	7.36	9.90	10.21	?
1999	11.16	?	9.74	6.75	2.77	0.14	0.00	0.00	5.73	10.22	10.49	11.29	6.21
2000	9.43	9.82	9.18	4.45	2.29	0.02	0.00	1.37	1.05	9.64	11.37	11.46	5.83
2001	10.17	11.25	12.04	11.22	3.43	0.05	0.01	0.00	4.35	7.42	8.45	11.25	6.61
2002	6.93	11.49	13.48	7.72	2.21	0.00	0.00	0.18	9.02	11.19	9.60	12.59	7.03
2003	12.22	11.29	12.44	6.51	3.83	0.00	0.00	0.00	2.42	6.58	10.20	12.46	6.48
2004	12.53	6.08	9.42	10.56	4.10	0.00	0.00	0.00	5.65	?	?	?	?