

## Redcliffs at Intake

M:\22163\Data Tables\71187\[Redcliffs at Intake.xls]Summary

All values are flows in cubic metres per second

Site No.71187

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

Data period

n/a  
1990 - 2004

Date: 17/12/04

Version: 1

### 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)	5.59	5.16	5.56	3.82	1.86	0.82	0.77	1.13	2.74	4.17	4.28	5.26	3.12
<b>Mean Flow (m<sup>3</sup>/s)</b>	<b>3.68</b>	<b>3.40</b>	<b>3.51</b>	<b>2.59</b>	<b>1.27</b>	<b>0.52</b>	<b>0.48</b>	<b>0.56</b>	<b>1.58</b>	<b>2.61</b>	<b>3.12</b>	<b>3.57</b>	<b>2.23</b>
Median Flow (m <sup>3</sup> /s)	3.24	3.00	3.34	2.17	1.18	0.52	0.33	0.44	1.27	2.30	3.12	3.07	1.91
10% Lowest (m <sup>3</sup> /s)	2.43	2.19	2.21	1.42	0.85	0.18	0.24	0.24	0.65	1.23	2.01	2.30	1.69

1980 - 2003 Statistics Insufficient Data

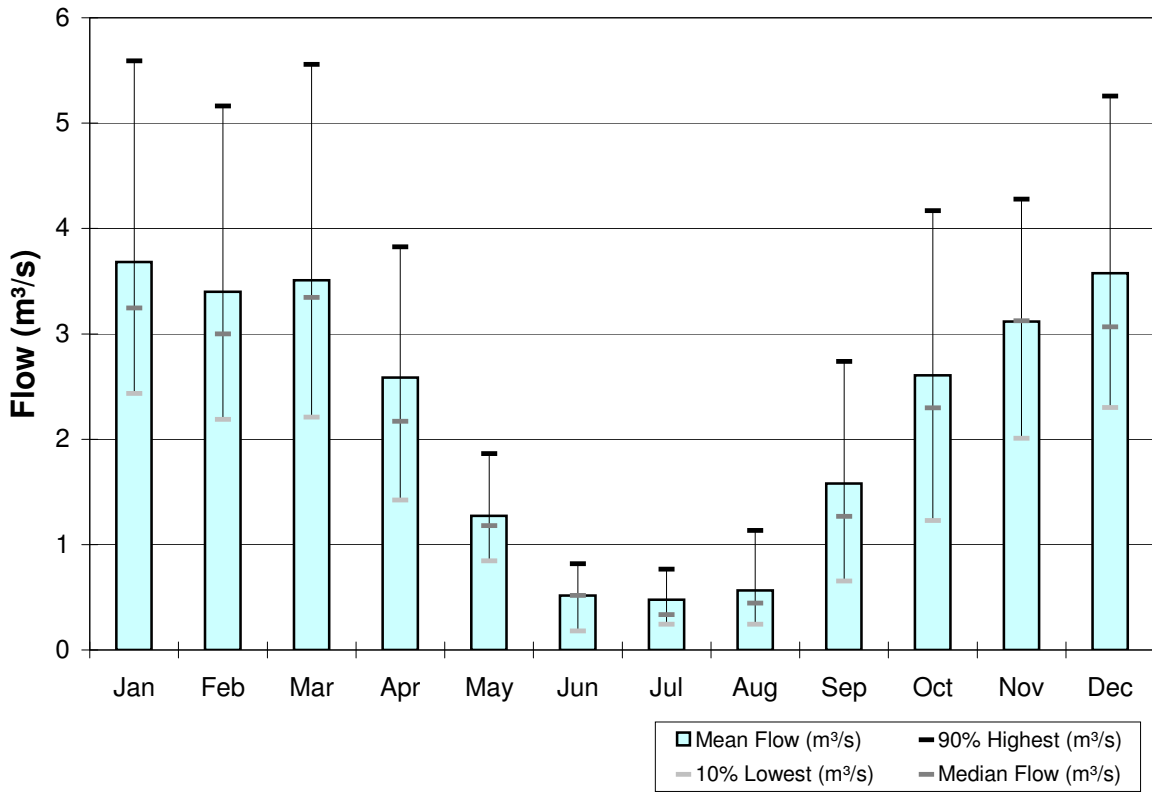
### Seasonal Statistics

#### Full Record Statistics

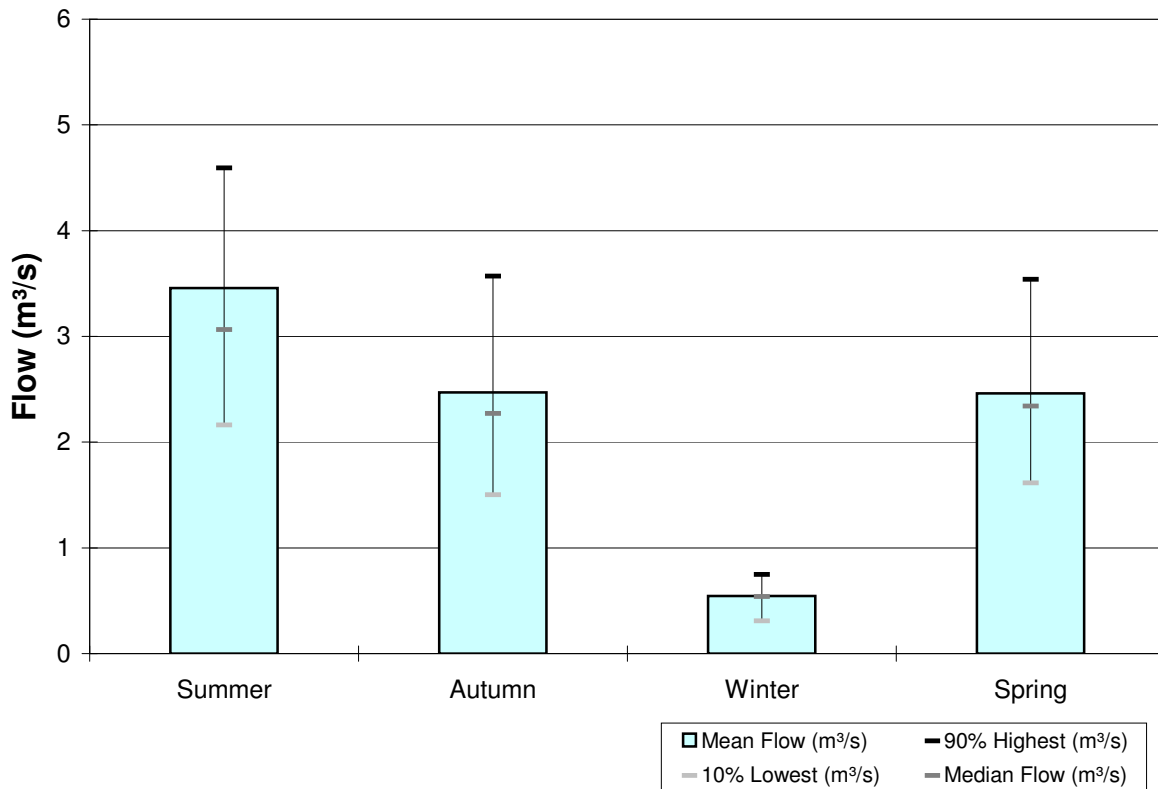
	Summer	Autumn	Winter	Spring	
90% Highest (m <sup>3</sup> /s)	4.59	3.57	0.75	3.54	Summer = Dec, Jan, Feb
Mean Flow (m <sup>3</sup> /s)	<b>3.46</b>	<b>2.47</b>	<b>0.54</b>	<b>2.46</b>	Autumn = Mar, Apr, May
Median Flow (m <sup>3</sup> /s)	3.06	2.27	0.54	2.34	Winter = Jun, Jul, Aug
10% Lowest (m <sup>3</sup> /s)	2.16	1.50	0.31	1.61	Spring = Sep, Oct, Nov

1980 - 2003 Statistics Insufficient Data

**SITE 71187 Redcliffs at Intake - MONTHLY FLOWS  
FULL RECORD (Oct 1990 - Sep 2004)**



**SITE 71187 Redcliffs at Intake - SEASONAL FLOWS  
FULL RECORD (Oct 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	?	?	?	?	?	?	?	?	?	1.58	1.99	2.78	?
1991	3.31	2.24	2.83	1.99	0.87	0.67	0.33	0.76	0.89	1.97	2.58	2.90	1.78
1992	2.82	3.06	3.23	2.57	1.02	0.46	0.43	0.44	0.40	0.40	1.08	2.23	1.51
1993	2.62	2.53	2.82	1.74	0.89	0.19	0.33	1.28	1.27	2.27	2.56	1.84	1.69
1994	1.40	2.41	1.06	1.34	1.87	0.63	0.38	1.22	2.17	2.30	3.29	3.07	1.76
1995	3.18	2.94	2.66	1.61	1.85	0.53	0.51	0.58	1.10	1.14	2.56	2.58	1.76
1996	2.65	2.16	2.88	1.79	1.18	1.19	1.54	0.78	0.84	3.03	2.05	2.78	1.91
1997	2.35	1.04	2.02	1.26	0.39	0.12	0.26	?	?	?	4.41	4.21	?
1998	4.63	4.55	3.77	3.63	0.84	0.54	0.55	0.24	2.80	2.63	3.70	3.92	2.65
1999	4.67	4.73	3.64	2.30	1.25	0.52	0.28	0.44	2.51	4.18	3.97	4.54	2.74
2000	4.08	3.87	3.46	2.04	?	?	?	0.55	0.65	4.11	5.29	?	?
2001	5.41	5.61	5.44	5.26	1.92	0.85	0.82	0.25	1.66	3.21	2.96	4.54	3.16
2002	2.83	4.74	5.61	3.76	1.53	0.51	0.24	0.24	4.03	5.12	3.52	5.44	3.12
2003	5.94	5.34	5.77	3.06	1.14	0.32	0.31	0.31	0.66	1.94	3.71	5.66	2.85
2004	5.67	2.35	3.91	3.85	1.79	0.18	0.24	0.25	1.58	?	?	?	?