

Lake Pukaki Canal

M:\22163\Data Tables\8773\[Lake Pukaki Canal.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.8773

Version: 1

Catchment Area (km²) **1360**
 Data period **1979 - 2004**

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)	217	288	303	282	298	257	307	319	334	258	221	165	214
Mean Flow (m³/s)	123	195	235	214	211	181	231	223	214	151	124	91	183
Median Flow (m ³ /s)	112	213	264	218	217	191	248	227	203	152	120	96	187
10% Lowest (m ³ /s)	31	82	116	142	112	89	143	115	128	62	14	11	164

1980 - 2003 Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	218	289	303	283	298	258	308	324	334	261	222	165	214
Mean Flow (m³/s)	125	195	233	213	215	182	229	228	222	156	129	94	185
Median Flow (m ³ /s)	114	215	258	220	219	195	238	227	203	152	124	99	187
10% Lowest (m ³ /s)	28	80	114	142	133	89	142	124	136	64	19	21	164

Seasonal Statistics

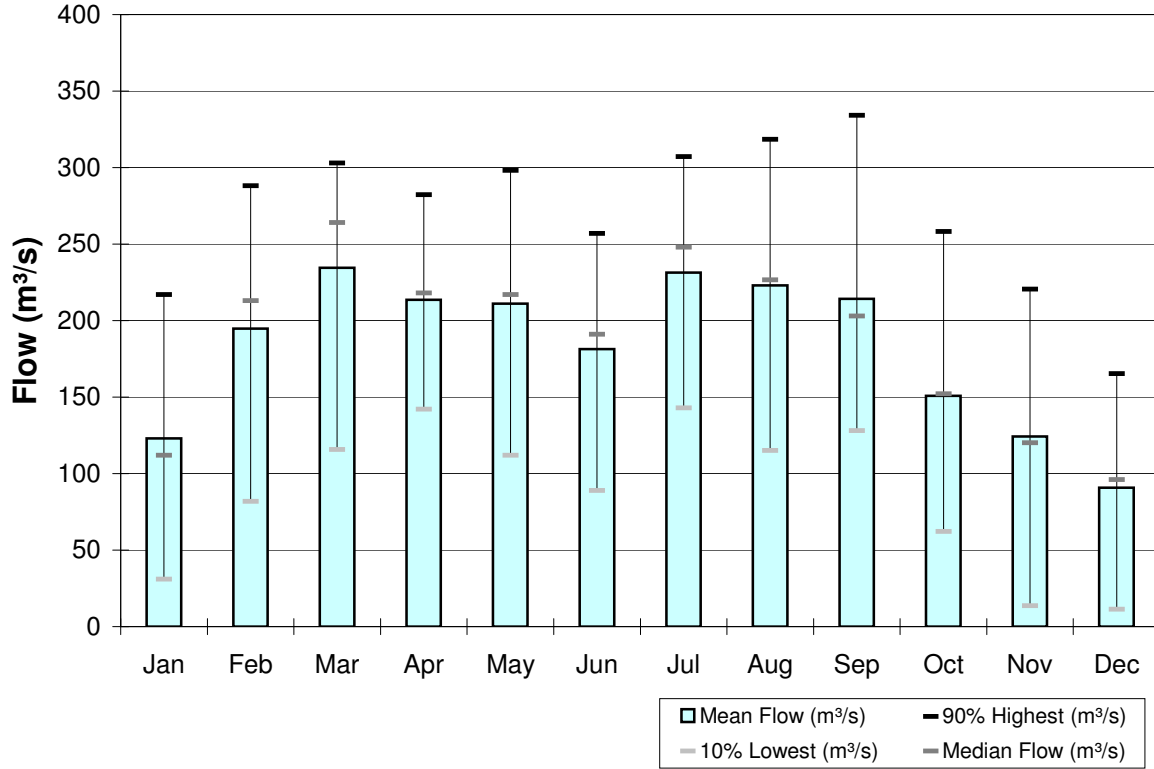
Full Record Statistics

	Summer	Autumn	Winter	Spring	
90% Highest (m ³ /s)	191	278	271	216	Summer = Dec, Jan, Feb Autumn = Mar, Apr, May Winter = Jun, Jul, Aug Spring = Sep, Oct, Nov
Mean Flow (m ³ /s)	134	220	215	163	
Median Flow (m ³ /s)	140	228	231	177	
10% Lowest (m ³ /s)	63	171	139	87	

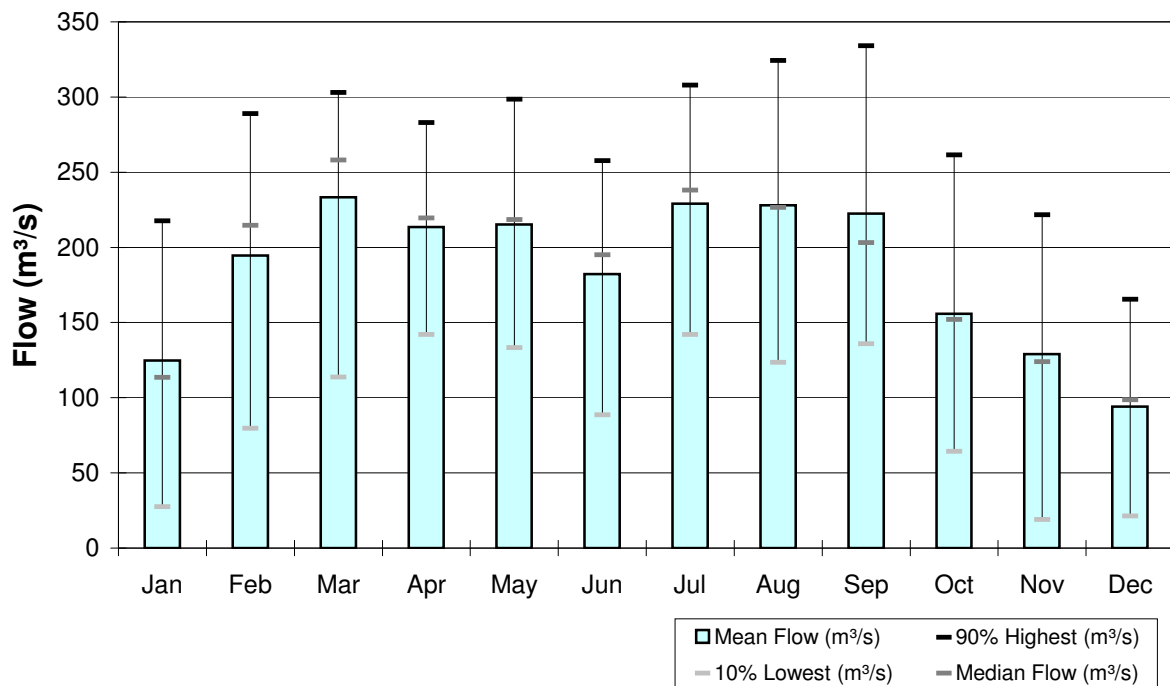
1980 - 2003 Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m ³ /s)	192	278	274	218
Mean Flow (m ³ /s)	135	221	213	169
Median Flow (m ³ /s)	141	229	226	178
10% Lowest (m ³ /s)	62	171	136	96

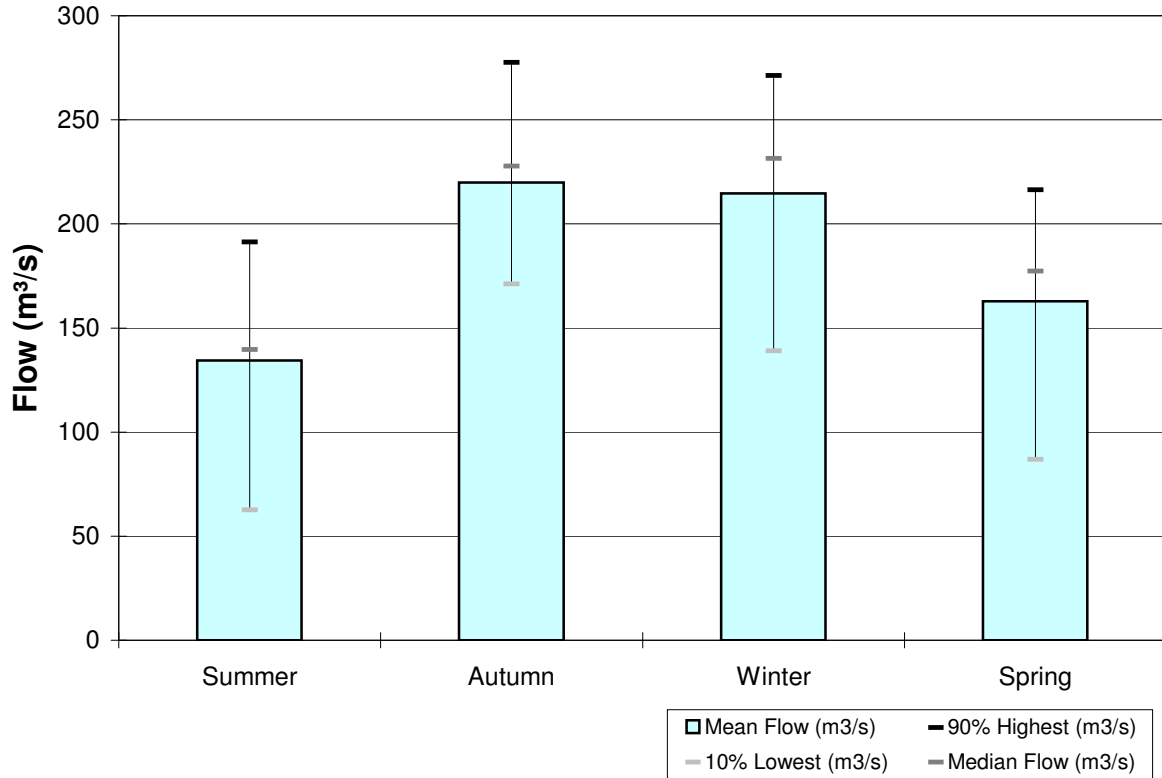
**SITE 8773 Lake Pukaki Canal - MONTHLY FLOWS
FULL RECORD (Apr 1979 - Oct 2003)**



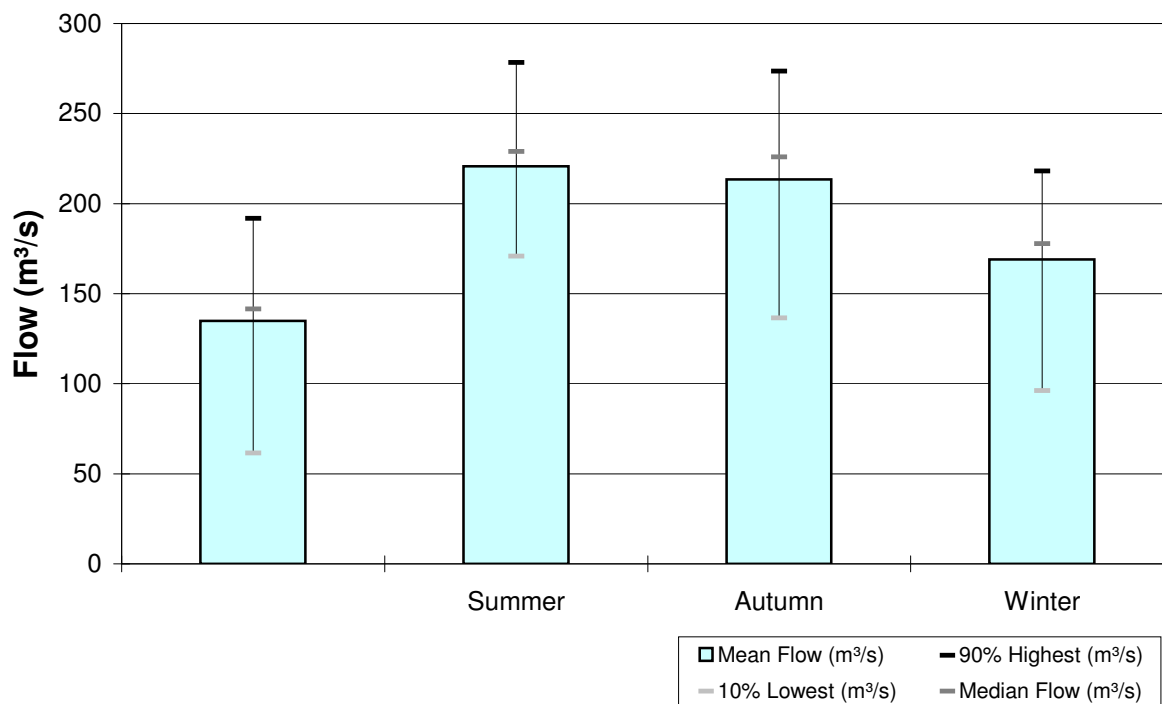
**SITE 8773 Lake Pukaki Canal - MONTHLY FLOWS
JAN 1980 - DEC 2003**



**SITE 8773 Lake Pukaki Canal - MONTHLY FLOWS
FULL RECORD (Apr 1979 - Oct 2003)**



**SITE 8773 Lake Pukaki Canal - MONTHLY FLOWS
JAN 1980 - DEC 2003**



All values are flows in cubic metres per second

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean
1979	?	?	?	?	?	?	?	37	10	30	12	11	?
1980	8	9	85	0	96	176	218	190	127	120	147	6	99
1981	149	276	143	191	202	241	315	394	334	117	110	57	210
1982	100	14	88	307	186	260	284	224	205	314	33	56	174
1983	53	153	217	248	230	323	340	185	152	39	16	12	164
1984	52	73	270	244	250	219	220	304	311	164	117	2	186
1985	17	200	297	142	209	191	294	246	226	271	118	70	190
1986	88	97	108	186	226	180	270	208	274	174	104	166	174
1987	98	95	146	142	195	201	310	257	251	152	120	173	179
1988	214	194	241	285	228	131	147	189	167	76	40	67	165
1989	125	292	283	278	299	208	298	333	182	227	169	51	228
1990	115	230	240	184	86	252	271	249	346	239	263	108	215
1991	112	131	279	263	299	269	286	108	129	176	227	164	204
1992	173	216	266	265	288	87	8	29	160	61	26	132	143
1993	120	234	303	216	118	56	296	383	338	146	207	63	207
1994	0	198	303	234	176	168	177	258	334	152	10	106	176
1995	156	282	197	188	297	199	228	266	111	65	128	102	184
1996	96	240	322	146	186	164	303	286	201	64	183	155	196
1997	272	255	229	129	177	202	212	198	270	179	108	88	193
1998	141	109	127	214	284	247	152	193	219	68	190	184	178
1999	312	340	301	174	221	209	248	303	270	148	4	113	220
2000	219	235	324	254	220	96	140	229	180	142	214	145	200
2001	90	219	301	257	308	137	204	122	198	163	153	43	183
2002	83	364	250	223	217	92	166	127	161	282	225	101	190
2003	203	213	281	353	169	66	109	189	192	201	184	96	188
2004	80	202	264	218	108	159	286	289	220	?	?	?	?