

Lake Pukaki Inflow (Net of Tekapo Canal Flow)

M:\22163\Data Tables\8770\[Lake Pukaki Inflow.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.8770 less Site No. 8793

Version: 1

Catchment Area (km²) **1360**
 Data period **1925 - 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)	310	310	260	215	145	101	80	79	107	163	196	281	153
Mean Flow (m³/s)	231	218	179	137	91	67	52	56	69	107	139	199	128
Median Flow (m ³ /s)	206	196	170	130	82	65	48	53	61	103	133	179	127
10% Lowest (m ³ /s)	166	146	121	69	52	43	33	30	36	61	91	133	104

1980 - 2003 Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	292	243	259	164	134	108	80	82	109	194	217	329	146
Mean Flow (m³/s)	239	194	167	120	87	75	54	62	73	118	142	213	128
Median Flow (m ³ /s)	235	181	157	121	83	72	47	59	68	119	132	188	127
10% Lowest (m ³ /s)	172	146	109	69	53	42	34	36	39	64	90	126	108

Seasonal Statistics

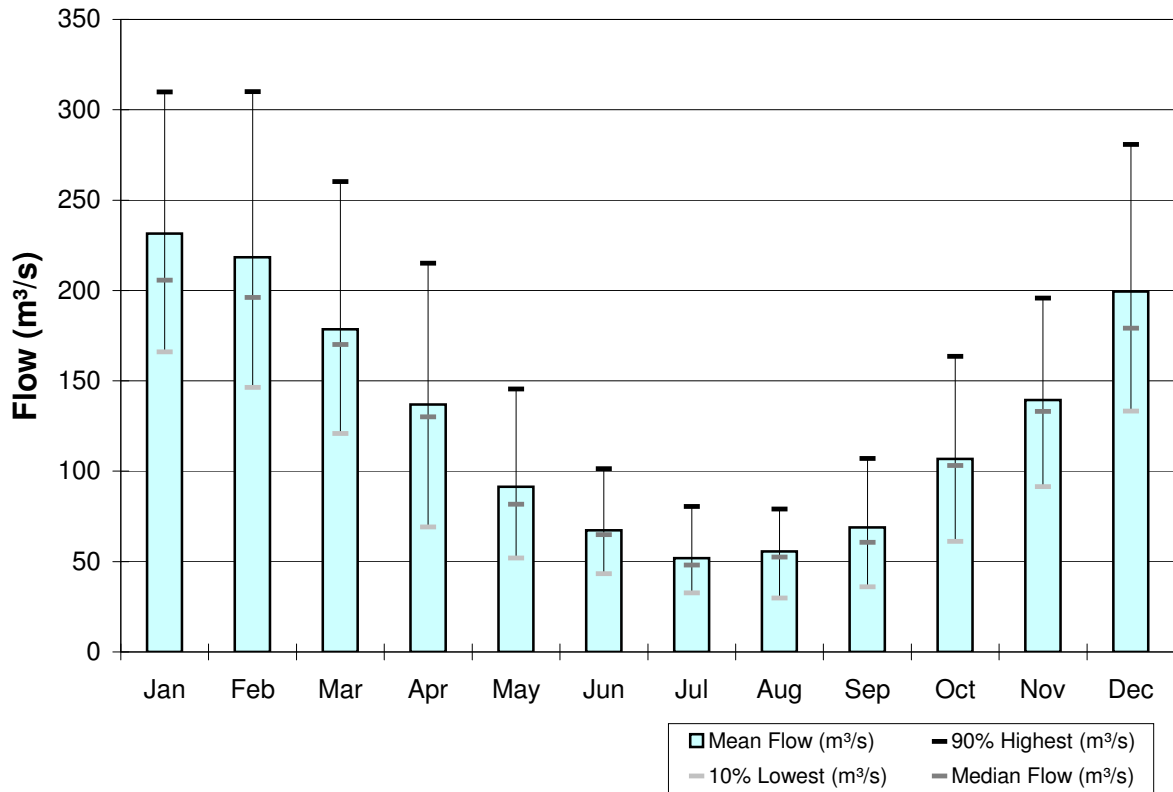
Full Record Statistics

	Summer	Autumn	Winter	Spring	
90% Highest (m ³ /s)	274	181	76	141	Summer = Dec, Jan, Feb Autumn = Mar, Apr, May Winter = Jun, Jul, Aug Spring = Sep, Oct, Nov
Mean Flow (m ³ /s)	216	136	58	105	
Median Flow (m ³ /s)	204	131	57	100	
10% Lowest (m ³ /s)	160	97	41	79	

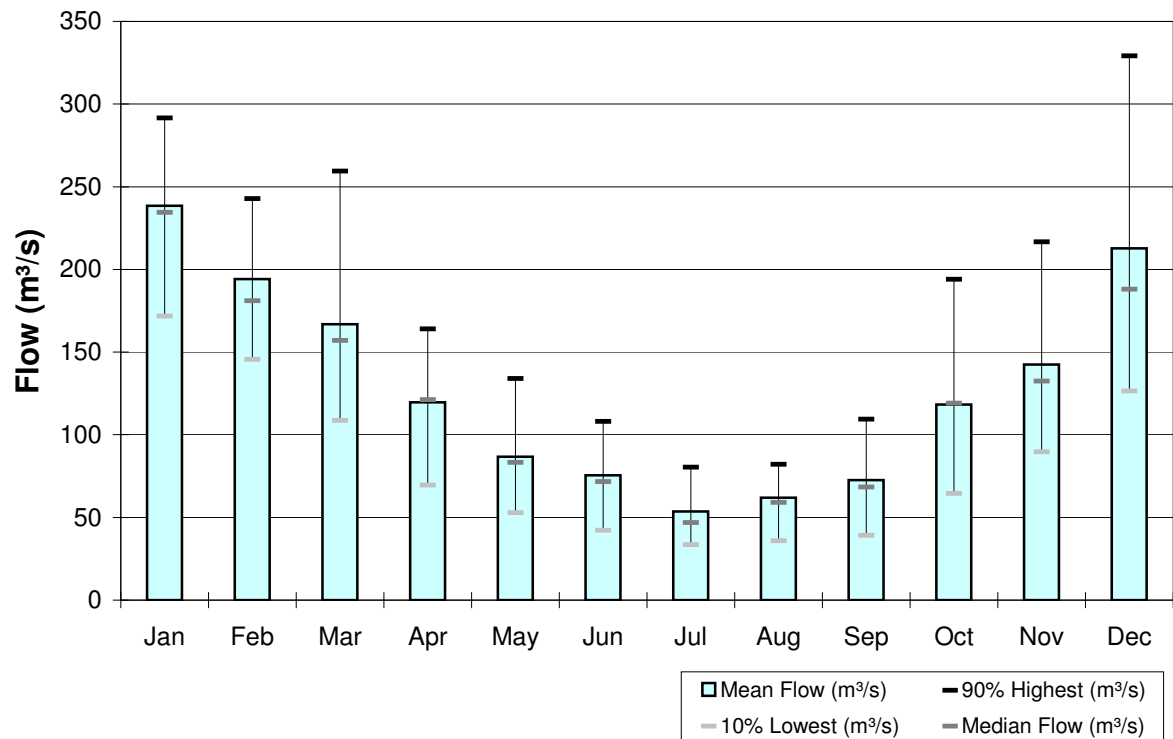
1980 - 2003 Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m ³ /s)	283	165	76	147
Mean Flow (m ³ /s)	216	124	64	111
Median Flow (m ³ /s)	205	117	64	104
10% Lowest (m ³ /s)	164	89	48	88

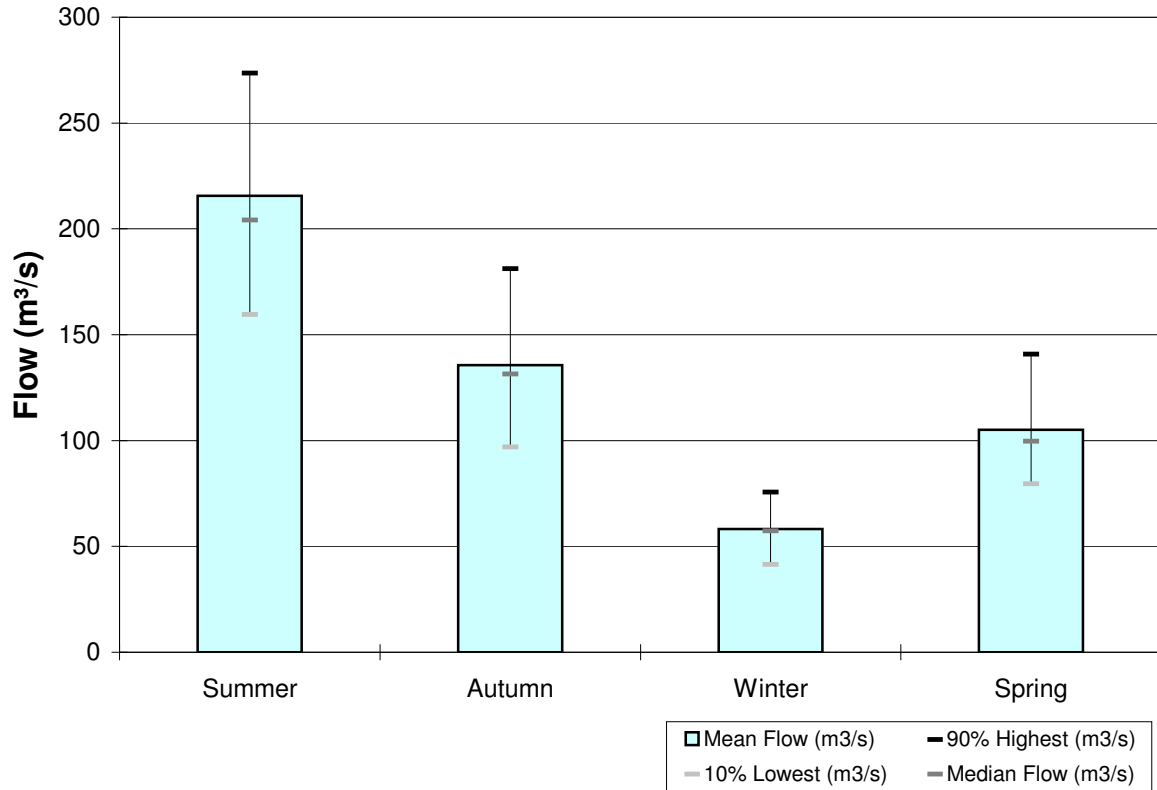
SITE 8770 Lake Pukaki Net Inflow - MONTHLY FLOWS FULL RECORD (Aug1925 - Sep 2004)



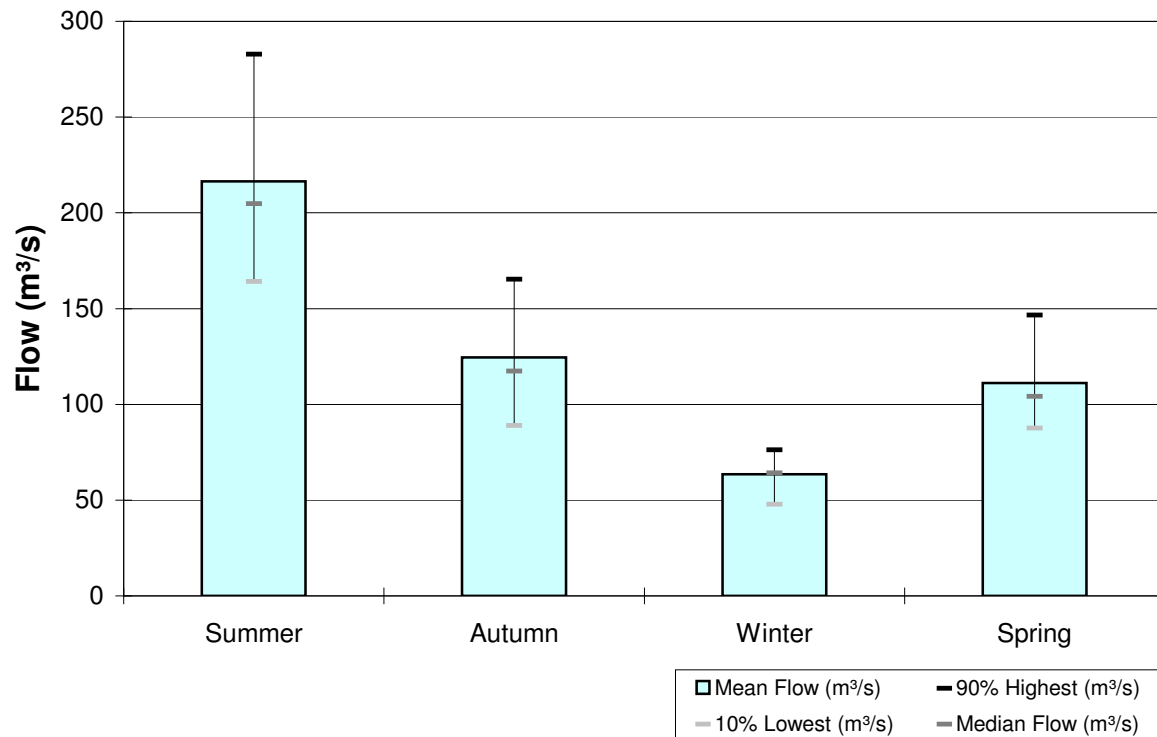
SITE 8770 Lake Pukaki Net Inflow - MONTHLY FLOWS JAN 1980 - DEC 2003



SITE 8770 Lake Pukaki Net Inflow - SEASONAL FLOWS FULL RECORD (Aug1925 - Sep 2004)



SITE 8770 Lake Pukaki Net Inflow - SEASONAL 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
1925	?	?	?	?	?	?	?	49	60	103	157	343	?
1926	196	192	158	163	103	44	49	52	43	87	181	210	123
1927	309	302	196	212	84	76	76	63	34	88	136	167	144
1928	201	209	197	450	172	64	44	62	121	168	101	209	166
1929	445	155	259	88	46	158	51	55	87	34	120	266	147
1930	313	229	138	24	22	39	20	25	45	85	99	143	98
1931	412	511	170	137	51	68	49	39	37	117	85	165	151
1932	205	205	125	96	63	47	26	23	34	83	159	168	103
1933	212	402	209	235	107	50	84	74	45	85	104	228	151
1934	222	216	143	227	147	75	54	73	73	163	113	179	140
1935	348	277	217	133	97	83	48	65	50	70	92	215	141
1936	181	201	137	165	76	44	61	68	69	203	199	174	131
1937	200	193	129	192	79	50	38	37	41	49	89	164	104
1938	337	268	243	312	69	58	39	55	63	79	125	173	151
1939	121	166	145	88	77	86	39	31	57	59	125	175	97
1940	250	244	296	123	108	59	32	30	38	111	110	176	131
1941	234	282	173	92	57	82	54	35	36	45	123	163	114
1942	211	140	171	343	165	48	74	37	60	236	174	199	155
1943	189	252	147	121	49	44	38	27	61	101	137	206	114
1944	197	290	187	196	72	45	53	45	47	88	147	138	125
1945	404	309	206	160	55	33	33	56	105	72	245	177	153
1946	258	340	195	81	50	36	38	70	111	135	88	219	134
1947	168	187	148	83	61	57	48	45	57	148	146	292	120
1948	226	218	157	78	61	62	62	38	67	119	236	216	128
1949	204	390	194	142	112	72	82	76	47	165	133	152	146
1950	285	135	125	86	178	80	80	77	80	82	116	252	132
1951	189	173	121	130	62	42	91	47	56	119	168	164	113
1952	174	218	217	131	98	81	54	46	75	122	119	148	123
1953	167	165	161	148	130	44	41	63	91	55	195	244	125
1954	212	314	209	77	53	73	55	49	24	69	160	167	121
1955	196	427	188	98	182	68	32	66	82	97	112	182	143
1956	236	159	109	204	120	103	67	59	50	75	140	193	126
1957	184	207	162	150	136	55	46	56	35	107	168	348	138
1958	305	474	273	135	145	82	48	52	41	116	134	255	170
1959	187	165	139	91	55	60	42	34	81	62	158	187	105
1960	267	198	182	80	80	76	60	66	104	101	115	120	120
1961	143	186	178	181	58	68	67	63	58	127	168	149	120
1962	280	147	136	59	133	67	87	70	79	122	128	134	120
1963	166	232	156	65	102	79	29	49	83	74	89	108	102
1964	160	134	163	88	138	65	43	50	61	72	99	174	104
1965	248	167	184	78	60	56	40	43	53	81	152	204	114
1966	329	308	176	127	56	49	48	51	52	69	122	187	130
1967	270	205	371	260	92	45	92	114	60	103	176	245	170
1968	195	236	271	136	161	55	50	73	76	142	139	148	140
1969	179	162	163	128	72	52	44	46	185	73	108	255	122
1970	277	185	208	169	54	55	53	105	241	113	176	215	154
1971	177	169	120	69	79	101	50	24	74	137	107	162	106
1972	193	136	235	120	86	42	54	53	115	118	219	147	127
1973	173	196	143	163	128	91	44	48	56	135	230	157	130
1974	149	287	183	227	60	58	54	40	46	90	148	197	127
1975	203	213	242	248	116	48	26	76	64	103	127	143	134
1976	177	103	145	69	65	81	28	12	15	31	44	208	82
1977	166	195	149	107	43	44	48	7	24	61	103	122	59
1978	182	161	185	186	170	68	55	90	88	91	109	127	126
1979	169	181	267	132	140	65	58	54	81	157	143	394	154
1980	300	180	134	134	93	78	45	70	98	121	141	170	131
1981	195	250	279	132	92	109	56	47	58	145	124	219	142
1982	289	218	265	72	106	59	35	51	67	61	226	194	136
1983	261	136	194	153	154	74	65	76	98	202	146	196	146
1984	200	177	188	100	55	44	84	91	71	117	194	356	140
1985	275	143	124	116	66	52	44	76	84	63	124	218	116
1986	216	182	163	140	68	104	40	44	53	104	110	173	116
1987	262	226	197	168	117	107	43	47	67	146	149	170	142

1988	191	179	135	83	76	69	74	79	115	200	166	232	133
1989	206	214	245	98	86	92	48	44	34	68	153	348	136
1990	237	202	170	103	145	78	71	81	49	122	126	280	139
1991	278	268	110	154	50	42	34	122	107	99	84	130	122
1992	190	189	95	69	49	16	48	83	36	92	139	159	97
1993	259	165	141	97	70	138	46	44	53	127	81	125	112
1994	509	170	161	99	70	68	62	62	70	52	252	171	145
1995	242	185	209	184	82	58	42	56	151	137	121	466	161
1996	232	225	153	186	91	54	33	32	57	180	110	116	122
1997	139	213	115	149	71	41	33	79	38	76	141	257	112
1998	260	346	287	151	98	75	115	74	86	218	121	159	165
1999	187	178	186	126	111	63	49	24	45	125	277	113	123
2000	205	173	91	151	85	139	83	55	85	130	77	210	123
2001	134	151	143	59	52	65	31	47	43	108	140	285	105
2002	293	121	108	84	55	103	43	73	111	71	103	182	112
2003	165	168	113	63	141	85	66	28	72	76	116	179	106
2004	279	180	202	64	106	76	40	49	55	?	?	?	?
