

Lake Tekapo Canal

M:\22163\Data Tables\8783\[Lake Tekapo Canal.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.8793

Version: 1

Catchment Area (km²)

na

Data period

1977 - 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)	107.2	110.0	102.9	102.1	95.0	106.7	109.3	109.1	91.1	82.0	101.0	105.9	85.4
Mean Flow (m³/s)	85.8	85.1	83.8	77.2	73.2	76.8	89.5	83.8	66.0	50.2	61.8	73.8	75.6
Median Flow (m ³ /s)	96.2	92.4	87.6	76.9	75.3	86.2	97.5	87.6	63.3	53.1	59.3	78.3	74.4
10% Lowest (m ³ /s)	49.4	52.5	58.9	55.3	47.9	41.2	65.2	50.1	41.5	15.9	26.2	45.8	67.5

1980 - 2003 Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	107.2	111.5	102.2	102.5	95.0	105.9	109.8	104.7	84.9	84.1	102.0	103.4	85.5
Mean Flow (m³/s)	85.4	85.2	83.9	79.4	73.5	74.4	89.1	80.3	64.4	52.8	64.7	75.7	75.7
Median Flow (m ³ /s)	95.3	91.6	87.9	79.7	72.6	83.0	97.7	85.4	63.0	53.2	62.0	78.5	74.4
10% Lowest (m ³ /s)	48.6	51.2	63.3	56.9	51.6	39.6	60.5	44.7	40.3	19.1	35.1	52.8	67.1

Seasonal Statistics

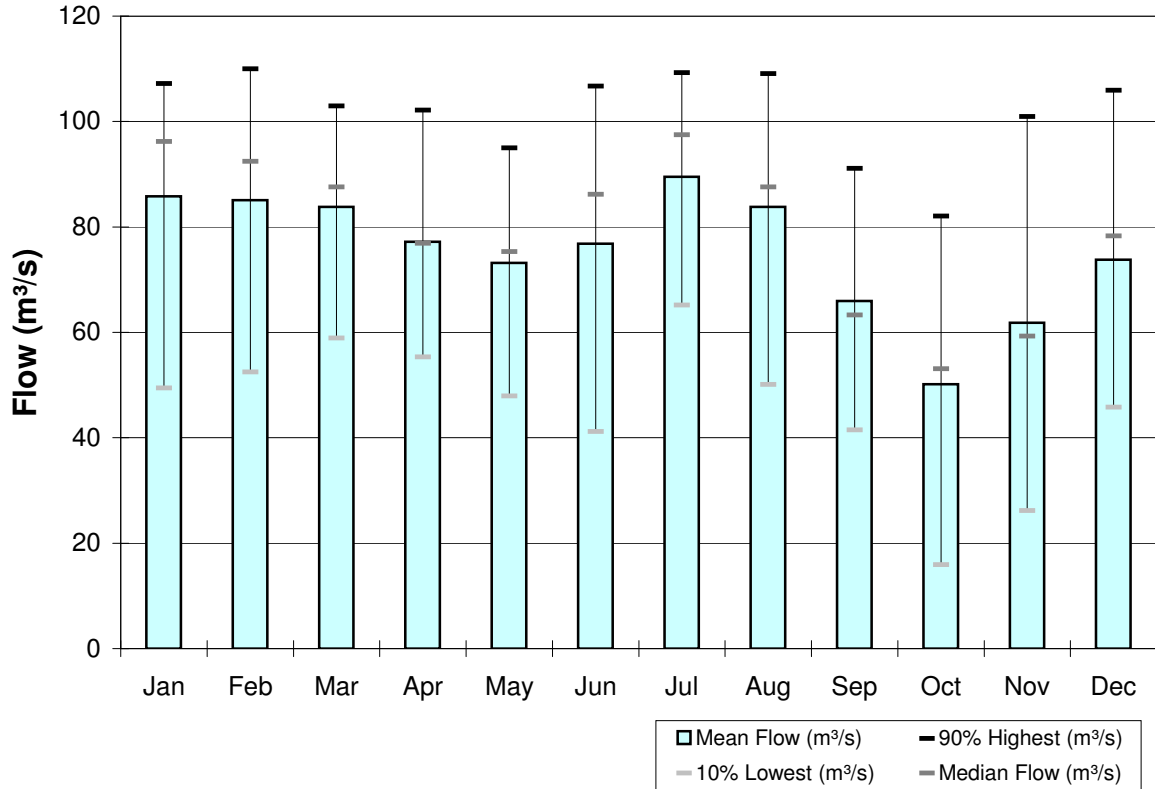
Full Record Statistics

	Summer	Autumn	Winter	Spring	
90% Highest (m ³ /s)	98.4	92.6	99.8	78.4	Summer = Dec, Jan, Feb Autumn = Mar, Apr, May Winter = Jun, Jul, Aug Spring = Sep, Oct, Nov
Mean Flow (m ³ /s)	81.5	78.1	83.1	58.9	
Median Flow (m ³ /s)	84.1	76.8	87.3	61.2	
10% Lowest (m ³ /s)	66.9	64.2	58.1	36.9	

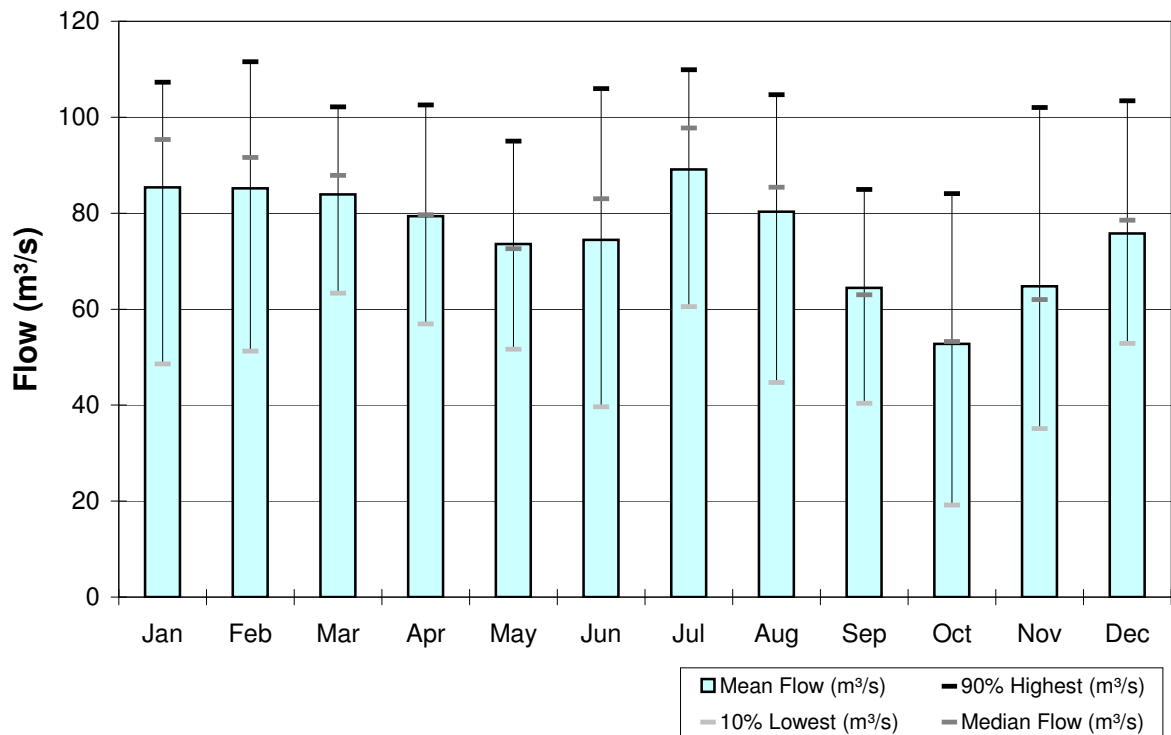
1980 - 2003 Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m ³ /s)	98.8	92.8	98.6	80.7
Mean Flow (m ³ /s)	82.6	78.9	81.4	60.6
Median Flow (m ³ /s)	83.4	77.9	86.4	61.9
10% Lowest (m ³ /s)	67.3	64.6	57.7	40.1

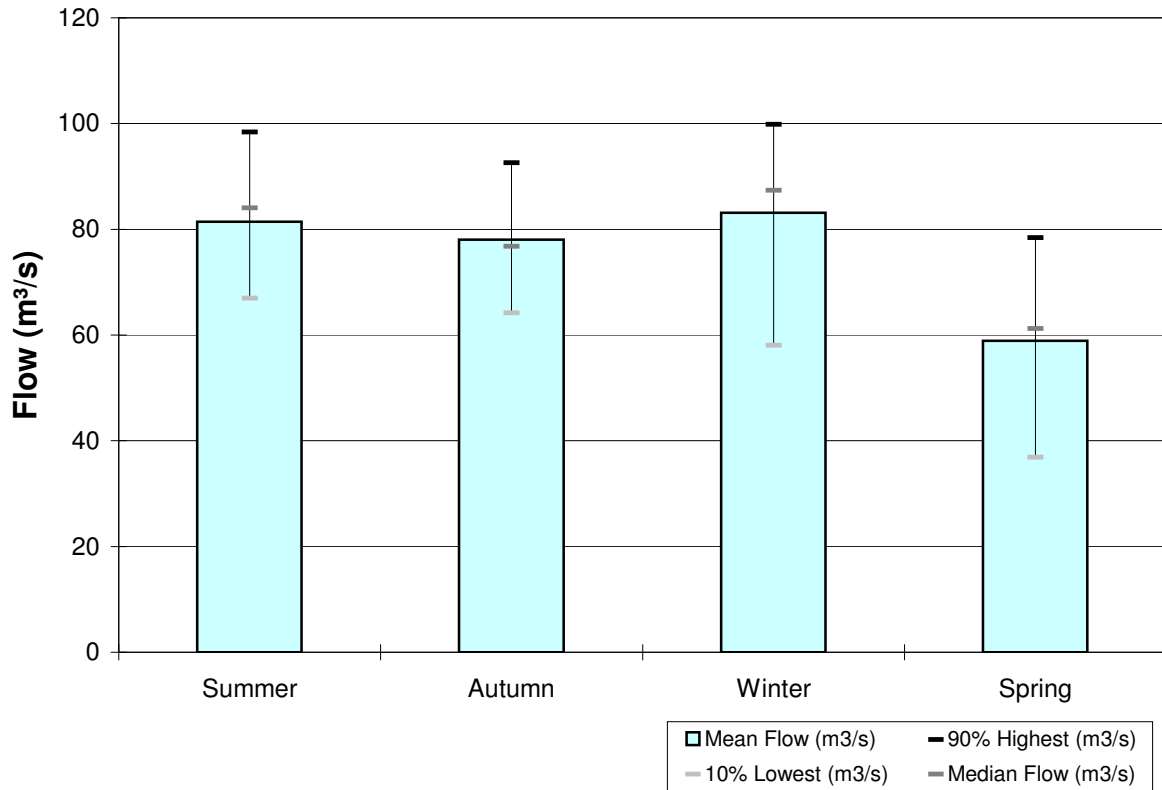
**SITE 8793 Lake Tekapo Canal - MONTHLY FLOWS
FULL RECORD (Aug 1977 - Sep 2004)**



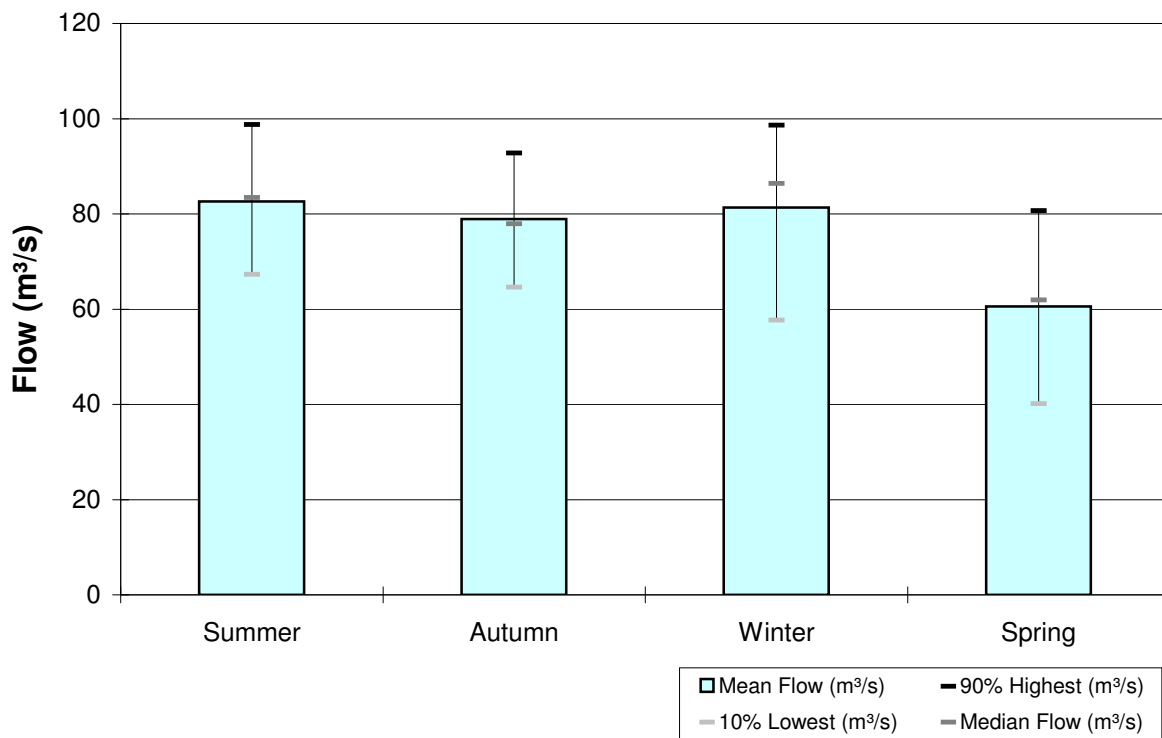
**SITE 8793 Lake Tekapo Canal - MONTHLY FLOWS
JAN 1980 - DEC 2003**



**SITE 8793 Lake Tekapo Canal - MONTHLY FLOWS
FULL RECORD (Aug 1977 - Sep 2004)**



**SITE 8793 Lake Tekapo 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
1977	?	?	?	?	?	?	?	108.7	51.5	0.0	0.0	0.0	?
1978	69.9	56.7	51.6	50.7	87.6	84.9	103.6	90.9	90.3	63.1	70.9	65.1	73.9
1979	99.8	98.8	114.8	73.6	41.3	109.2	82.8	110.8	66.0	25.3	44.2	109.9	81.3
1980	47.7	54.1	73.5	58.1	65.6	59.8	86.6	109.9	80.9	53.1	54.2	52.8	66.5
1981	44.5	41.1	68.0	72.2	67.6	57.4	97.5	80.2	58.4	42.1	59.3	66.9	63.1
1982	59.9	75.2	75.6	56.4	61.1	98.8	97.9	54.1	42.3	106.9	48.9	59.3	69.7
1983	99.8	56.3	71.9	88.9	85.7	100.9	100.8	88.7	85.6	55.9	57.5	65.3	79.9
1984	86.8	97.4	87.6	66.9	83.5	48.4	89.6	37.4	36.9	67.8	99.6	103.8	75.5
1985	73.1	75.9	77.1	76.9	75.3	107.4	106.4	75.6	50.2	39.0	50.3	84.4	74.3
1986	50.6	85.8	71.5	70.8	80.1	104.3	115.5	116.8	56.2	12.7	13.0	52.8	69.1
1987	46.1	107.9	79.4	73.6	86.6	67.4	100.0	102.2	65.1	40.2	64.7	75.4	75.5
1988	104.8	92.4	45.6	84.0	65.8	86.8	105.1	105.1	26.7	18.1	78.9	64.4	73.1
1989	91.4	97.6	89.8	100.1	105.7	108.6	110.4	86.5	73.4	46.1	39.7	35.2	81.9
1990	97.7	96.2	97.9	104.6	44.5	106.2	108.5	63.6	55.4	47.7	87.2	81.5	82.4
1991	121.8	119.5	88.5	105.4	23.4	96.3	103.7	72.4	80.5	79.3	45.1	88.6	85.1
1992	98.3	107.7	102.3	79.5	50.2	43.2	20.0	29.0	39.5	38.3	67.0	96.5	64.1
1993	96.2	89.6	92.9	101.6	77.7	27.6	100.9	101.1	50.4	60.8	83.2	12.4	74.5
1994	107.1	100.1	96.8	98.5	69.8	38.1	71.4	89.6	63.1	0.0	35.7	78.7	70.6
1995	69.2	71.8	95.6	79.8	89.3	45.2	46.7	79.5	103.7	112.8	106.5	90.4	82.6
1996	58.3	50.0	55.3	55.2	55.0	86.2	81.2	94.6	62.9	86.1	103.0	102.4	74.3
1997	97.6	102.8	88.1	74.2	68.0	37.9	78.8	71.0	78.3	22.0	51.5	53.8	68.5
1998	99.7	119.5	117.1	102.9	99.0	97.2	89.2	61.1	52.3	53.3	13.2	78.3	81.8
1999	94.4	113.1	101.8	81.8	95.0	105.3	71.5	84.9	71.4	56.4	91.1	117.2	90.2
2000	88.6	90.8	103.9	82.4	90.2	79.7	124.0	85.8	63.5	63.0	74.1	109.1	88.1
2001	109.3	59.7	95.4	43.9	95.0	47.9	79.1	40.7	83.4	21.5	80.1	81.6	69.9
2002	107.3	100.7	76.7	82.9	65.0	45.4	55.8	94.7	106.4	78.1	115.3	100.7	85.6
2003	98.5	38.4	61.3	63.8	66.0	90.2	98.3	103.7	59.6	65.0	34.8	66.4	70.9
2004	98.2	98.1	82.7	55.4	82.2	93.3	92.0	108.4	93.0	?	?	?	?