

Lake Ohau Canal

M:\22163\Data Tables\8763\[Lake Ohau Canal.xls]Summary

All values are flows in cubic metres per second

Date: 13/12/04

Site No.8763

Version: 1

Catchment Area (km²) **1190**
 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)	147.2	107.6	109.0	97.8	82.9	94.1	62.9	64.0	92.4	144.4	153.4	147.8	84.9
Mean Flow (m³/s)	105.8	78.7	74.0	61.5	60.2	58.3	41.8	46.2	53.7	86.4	97.8	113.5	73.2
Median Flow (m ³ /s)	104.9	78.8	68.8	55.6	56.2	57.8	40.4	44.1	47.5	78.2	88.7	115.7	72.2
10% Lowest (m ³ /s)	71.9	55.0	45.1	32.8	33.5	32.3	21.8	22.4	25.7	43.6	62.1	73.6	60.2

1980 - 2003 Statistics

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Means
90% Highest (m ³ /s)	148.2	107.9	106.6	99.1	83.4	96.1	63.1	64.0	93.7	145.0	153.8	148.6	84.9
Mean Flow (m³/s)	105.2	77.8	72.5	62.5	59.3	58.0	42.1	46.4	53.7	87.2	97.2	112.5	72.9
Median Flow (m ³ /s)	104.2	78.4	67.3	57.5	54.1	55.2	40.5	44.5	47.5	79.4	86.2	115.5	72.2
10% Lowest (m ³ /s)	71.5	54.6	45.1	33.0	33.3	31.7	21.8	21.9	25.4	43.4	62.0	73.1	60.2

Seasonal Statistics

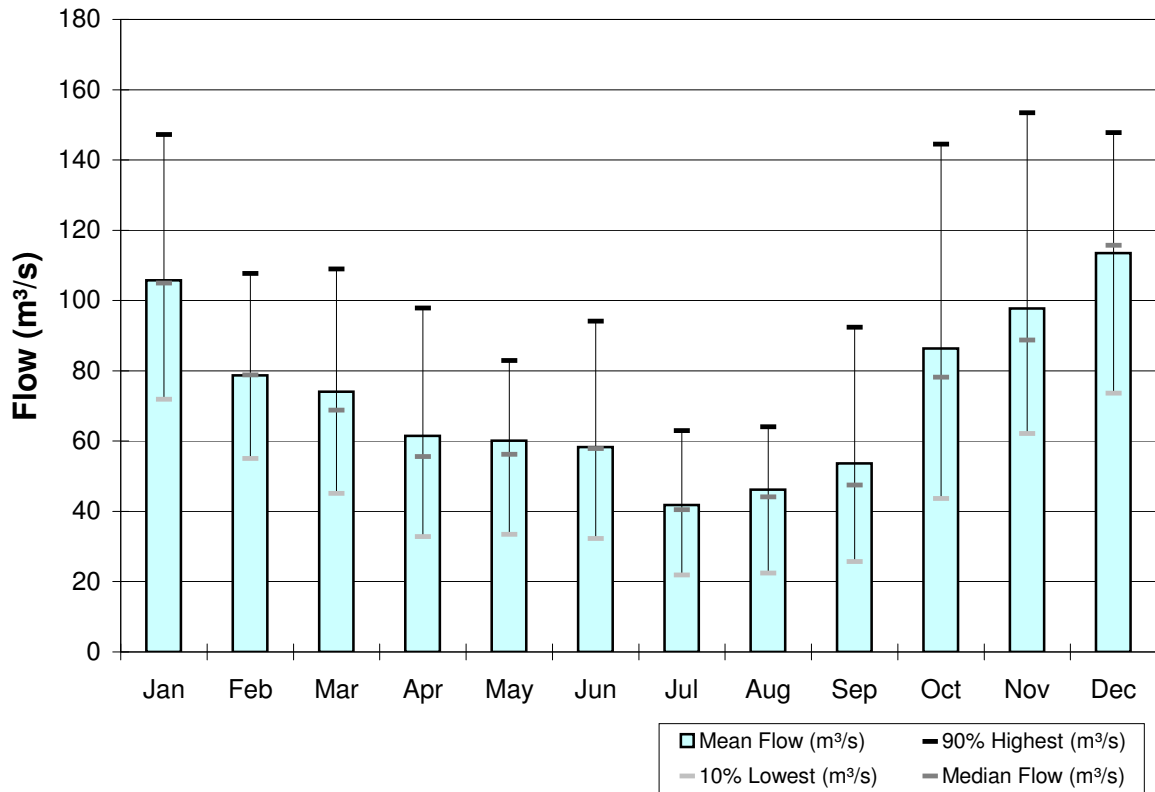
Full Record Statistics

	Summer	Autumn	Winter	Spring	
90% Highest (m ³ /s)	125.7	87.6	60.7	99.7	Summer = Dec, Jan, Feb Autumn = Mar, Apr, May Winter = Jun, Jul, Aug Spring = Sep, Oct, Nov
Mean Flow (m ³ /s)	99.9	65.3	48.7	79.5	
Median Flow (m ³ /s)	99.3	63.9	49.1	79.9	
10% Lowest (m ³ /s)	75.8	44.4	34.2	58.5	

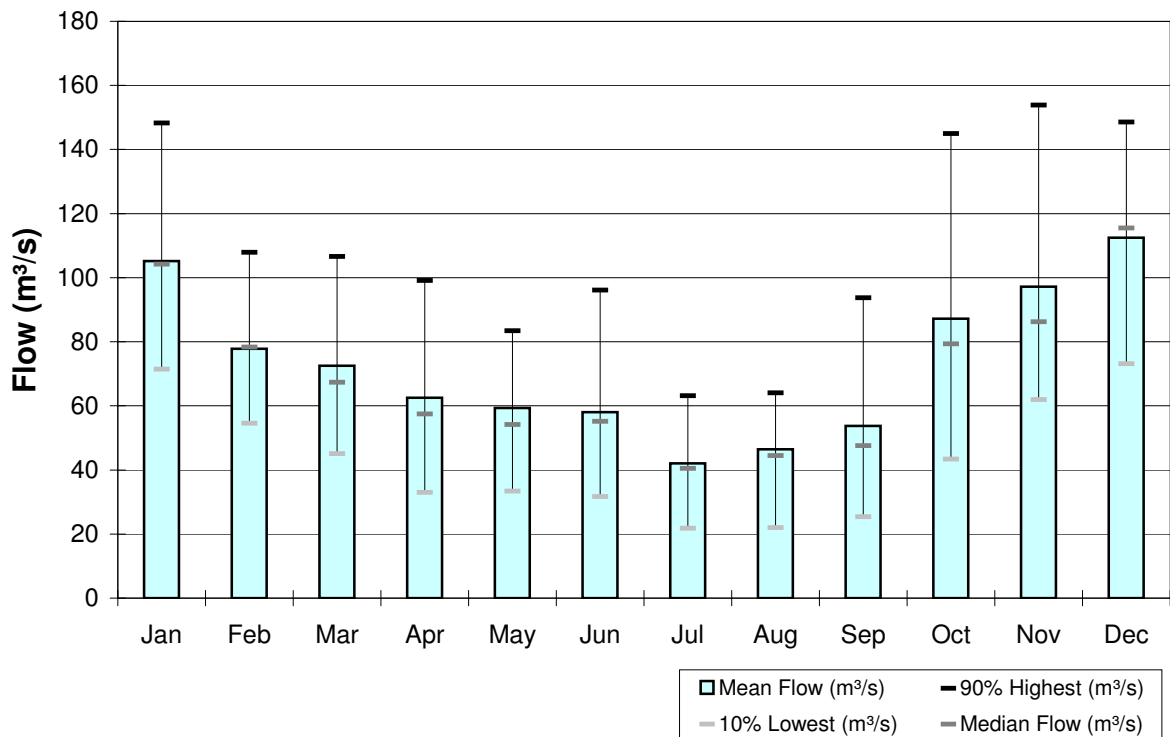
1980 - 2003 Statistics

	Summer	Autumn	Winter	Spring
90% Highest (m ³ /s)	125.8	87.8	61.5	102.0
Mean Flow (m ³ /s)	99.7	64.8	48.7	79.5
Median Flow (m ³ /s)	98.6	61.2	50.4	78.4
10% Lowest (m ³ /s)	75.1	43.5	34.2	57.9

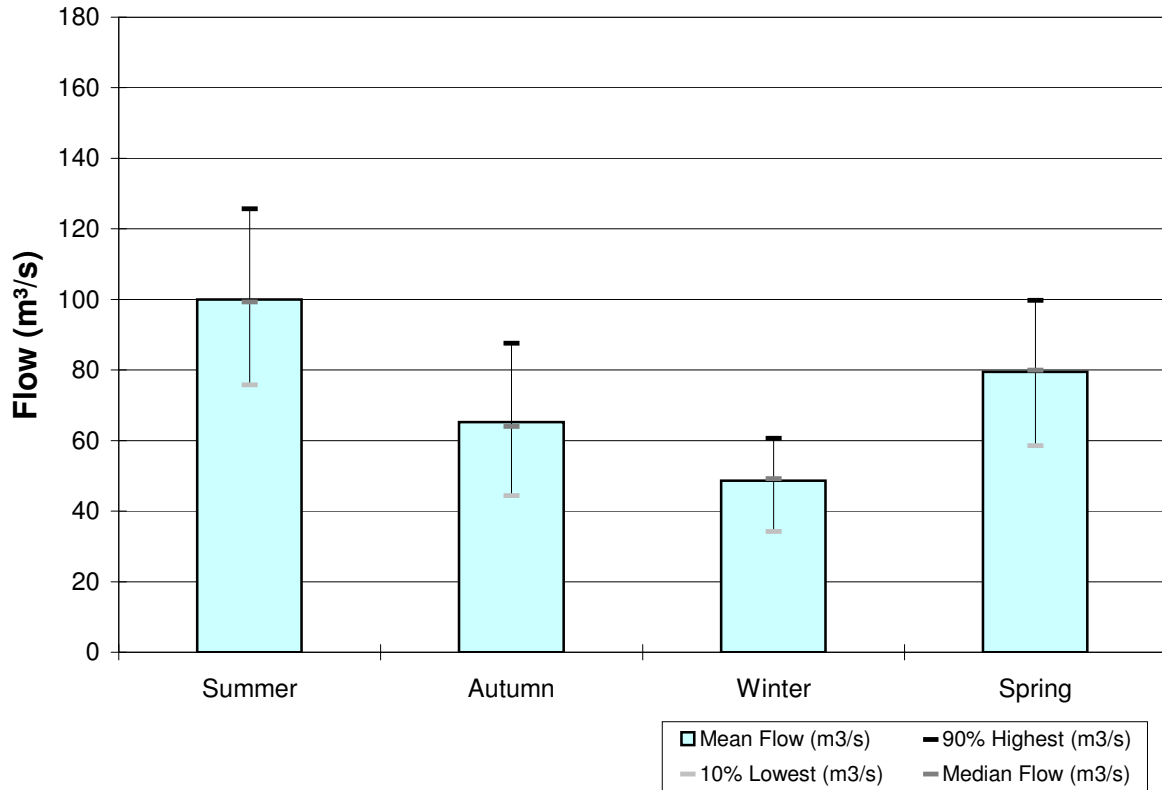
**SITE 8763 Lake Ohau Canal - MONTHLY FLOWS
FULL RECORD (Sep 1979 - Sep 2004)**



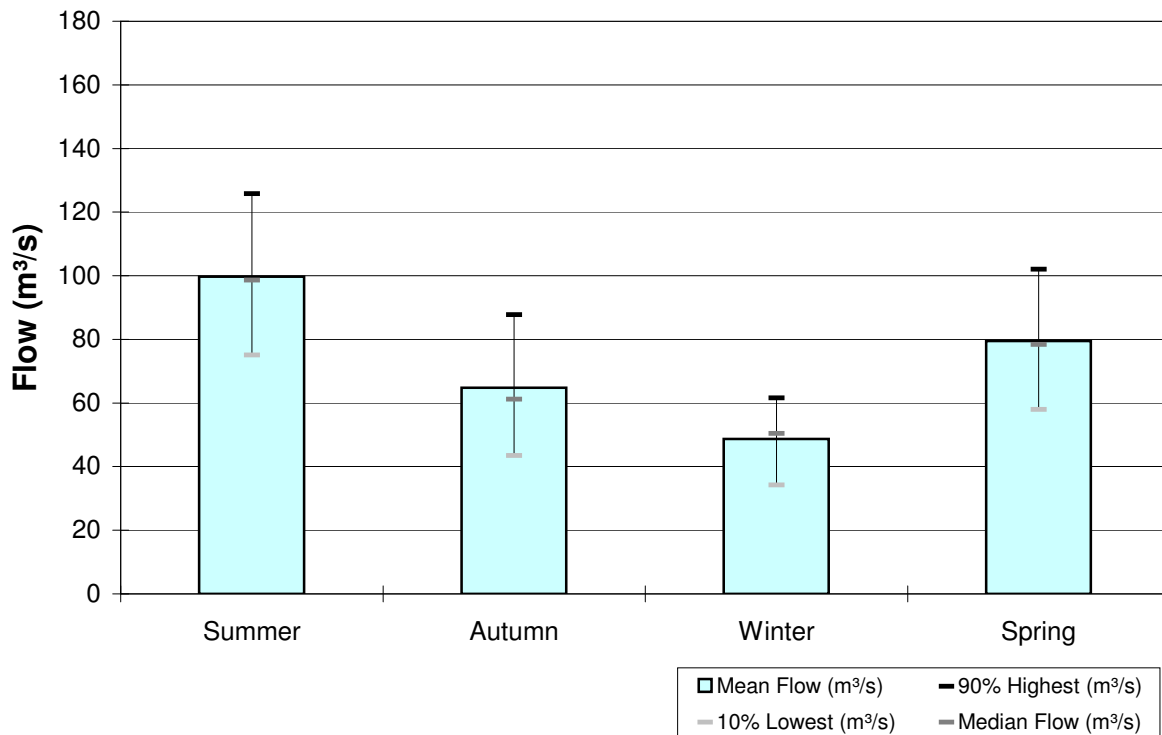
**SITE 8763 Lake Ohau Canal - MONTHLY FLOWS
JAN 1980 - DEC 2003**



**SITE 8763 Lake Ohau Canal - MONTHLY FLOWS
FULL RECORD (Sep 1979 - Sep 2004)**



**SITE 8763 Lake Ohau 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	?	?	?	?	?	?	?	?	63.9	66.7	111.5	138.7	?
1980	151.2	96.4	59.0	0.0	79.4	59.5	47.9	54.1	79.0	85.3	94.2	106.0	76.1
1981	75.7	93.3	109.1	89.4	65.7	72.5	40.4	26.9	33.7	99.2	81.1	115.3	75.1
1982	109.6	80.4	85.8	39.4	85.1	49.5	24.1	41.3	52.2	39.9	155.1	151.0	76.1
1983	141.3	65.3	92.0	87.5	107.3	50.7	46.6	64.1	81.8	154.6	150.9	124.7	97.6
1984	125.3	90.8	95.5	50.6	44.3	35.8	62.1	63.9	46.0	98.5	133.9	170.4	84.9
1985	161.8	57.5	45.4	55.6	51.8	47.5	46.0	55.1	50.3	44.8	88.7	125.1	69.3
1986	104.9	89.7	99.4	81.1	52.0	82.5	36.1	41.4	42.1	80.5	56.7	95.9	71.8
1987	125.8	116.5	108.8	105.7	78.6	101.9	31.0	35.5	49.3	110.4	89.8	83.6	86.2
1988	70.3	78.8	63.1	45.5	46.6	63.0	63.5	62.1	95.8	156.0	142.4	127.7	84.6
1989	86.8	77.9	101.4	51.1	39.9	68.4	40.5	32.8	25.0	42.8	76.9	124.9	64.0
1990	105.4	61.8	77.4	59.3	119.0	59.8	51.0	55.5	24.9	78.1	78.0	142.9	76.1
1991	105.9	127.5	44.9	84.0	34.3	35.9	22.2	95.4	88.9	73.6	63.1	94.5	72.5
1992	92.0	84.3	54.9	41.3	30.2	22.2	44.6	68.7	19.8	78.2	104.3	76.4	59.7
1993	92.9	63.7	45.8	42.2	57.1	111.0	39.9	25.5	26.7	98.0	45.0	71.7	60.0
1994	183.5	67.2	78.7	46.1	49.6	44.6	41.6	44.1	44.5	38.5	159.4	115.7	76.2
1995	106.1	63.2	100.5	103.0	56.2	29.9	20.9	37.0	117.7	109.5	89.2	182.1	84.8
1996	103.4	89.1	65.8	114.5	63.6	36.1	18.2	18.9	41.8	146.6	70.5	80.4	70.7
1997	60.8	81.5	47.5	87.8	41.8	22.7	21.6	58.2	26.3	60.8	107.5	124.3	61.6
1998	93.0	112.8	122.1	90.1	49.3	57.8	84.7	53.9	61.7	141.2	77.2	69.2	84.3
1999	54.3	53.3	68.8	67.9	72.5	44.6	39.1	19.1	31.3	76.7	171.5	52.1	62.5
2000	74.2	58.7	33.7	60.5	60.5	103.7	72.5	44.9	76.3	106.1	61.5	103.4	71.3
2001	99.0	50.0	45.4	30.2	32.9	52.5	24.7	32.6	28.1	58.7	76.0	138.3	55.8
2002	117.6	34.9	51.1	39.7	31.8	76.9	36.2	62.8	96.6	56.7	76.6	128.7	67.7
2003	83.8	72.7	44.2	28.2	74.7	63.1	54.9	20.4	49.0	58.6	83.7	94.9	60.6
2004	119.8	99.9	110.5	36.7	79.7	64.7	35.1	41.2	42.6	?	?	?	?