

## Appendix II - Monthly runoff (mm) from each catchment between 1971 and 1980

### Catchment 1

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Jan	1.5	1.1	0.0	8.9 (11)	NA	0.0	0.5	0.0	1.1	0.2
Feb	3.8 (16)*	NA†	3. (28)	0.4 (28)	NA	0.0	0.0	0.0	0.0	0.0
Mar	0.2 (18)	NA	0.0	0.0	NA	0.0	0.0	0.0	0.1	0.1
Apr	1.3 (27)	NA	0.7 (30)	4.8 (30)	NA	0.0	1.4 (17)	0.0	0.2	0.3
May	18.4	NA	7.2 (2)	15.8 (1)	NA	0.0	3.6 (22)	0.7	0.7	0.3
Jun	31.3	NA	15.5	1.8	NA	0.2	66.6	12.0	0.6	19.3
Jly	6.7	NA	9.2	75.7	NA	0.4	102.7	35.8	1.2	27.5
Aug	5.6	NA	38.8	69.9	NA	14.7	22.4	44.0	8.6	25.3
Sep	30.7	NA	45.8	60.9	NA	25.5	12.6	58.5	23.8	55.0
Oct	63.8	NA	24.3	65.4	NA	20.8	1.5	19.7	15.3	4.4
Nov	67.1	NA	9.1	14.2	NA	9.1	0.4	28.0	1.1	8.7
Dec	4.7	NA	3.5	13.1	NA	2.1	0.0	40.3	0.1	1.1
Ann	235.0	NA	158.0	330.9	NA	72.7	211.8	239.1	52.8	142.1

### Catchment 2

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Jan	3.9	3.3	0.0 (22)	3.0 (11)	3.5 (24)	2.9	2.1	1.1 (12)	8.3	0.4
Feb	4.9	2.0 (20)	8.7 (8)	1.8	1.4	1.3	0.9	0.2	1.6	0.0
Mar	1.5	0.7 (8)	2.2	1.2	1.6	1.0	0.8	0.3	0.9	0.0
Apr	3.8	2.7	4.3	5.8	2.3	0.9	6.1	1.3	1.6	0.5
May	26.9	3.9	14.1	22.5	5.3	1.0	7.7 (12)	3.2	3.0	1.3
Jun	39.8	1.3	23.4	5.1	8.9	1.4	80.3	29.0	2.2	30.6
Jly	13.0	13.5	16.9	107.1	17.9	1.4	113.8	56.1	3.0	41.7
Aug	8.5	12.7	59.4	102.0	68.8	24.6	32.6	58.1	16.0	37.3
Sep	31.2	16.7	65.6	76.1	56.1	30.0	20.1	67.6	43.6	68.3
Oct	87.2	8.8	32.7	91.4	46.2	31.6	5.5	24.3	29.2	8.4
Nov	86.0 (10)	2.2	15.0	24.5	44.3	14.1	3.0	37.5	3.6	15.5
Dec	9.2	0.4	7.4	14.3	5.8	4.2	1.6	44.6	1.3	3.6
Ann	315.8	68.1	249.7	464.7	262.2	114.2	274.5	325.4	114.2	207.4

\* number of days with estimated data.

†N A - data not available.

### Catchment 3

	<b>1971</b>	<b>1972</b>	<b>1973</b>	<b>1974</b>	<b>1975</b>	<b>1976</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>	<b>1980</b>
Jan	2.9	1.7 (31)	0.0	10.7	0.8 (4)	0.8	1.8	0.0	3.0	0.1
Feb	4.2	1.8 (29)	14.9	0.9	0.1	0.0	0.0	0.0	0.1	0.0
Mar	1.0	0.5 (8)	2.7	0.1	0.3	0.0	0.0	0.0	0.0	0.0
Apr	2.5	1.9	2.8	5.9	0.8	0.0	2.4	0.6	1.5	0.0
May	22.1	2.8	10.4	15.9	0.1 (22)	0.0	4.5	4.2	2.9	0.1
Jun	30.5	1.8 (30)	7.9	2.9	3.5 (2)	0.8	64.0 (8)	22.5	2.3	30.1
Jly	8.6 (2)	8.3 (5)	12.2	74.9 (1)	13.4	0.9	98.0 (21)	9.1	3.0	36.4
Aug	6.8	7.0 (28)	50.7	90.3 (1)	67.6	18.6	22.3	52.0	12.3	26.5
Sep	39.2	11.6 (3)	54.9	64.9	49.2	29.9	16.0	57.1	30.7	57.5
Oct	79.5	5.9 (5)	26.0	77.2	38.3	25.7	1.9	15.3	21.4	6.6
Nov	87.6	1.0	8.5	20.8	39.8	11.8	0.8	25.5	2.2	11.4
Dec	5.8	0.1	4.7	6.9	2.1 (14)	1.9 (22)	0.0	30.5	0.3	1.1
Ann	290.8	43.0	205.6	371.3	215.9	89.6	211.9	256.9	79.6	169.7

### Catchment 4

	<b>1971</b>	<b>1972</b>	<b>1973</b>	<b>1974</b>	<b>1975</b>	<b>1976</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>	<b>1980</b>
Jan	4.8	5.2 (4)	0.9	9.1	3.1 (22)	5.3	3.8	2.3 (27)	14.2	3.0
Feb	6.3	3.0 (29)	3.2	3.8	4.3	2.8	2.7	1.6 (13)	5.6	1.7
Mar	3.0	2.7 (8)	3.5	2.5	7.5	2.5	1.9	2.4	4.6	1.6
Apr	3.6	4.0	3.7	6.3	3.9	2.2	3.5	2.6	4.2	2.0
May	20.3	3.9	10.4	17.5	5.1 (22)	2.3	5.8	4.7	4.5	2.7
Jun	28.0	3.4 (26)	19.8	7.2	8.9 (2)	2.6	51.5	16.8	3.8	24.2
Jly	12.4 (2)	11.8 (5)	17.0	80.8 (1)	21.2	2.4	87.7	42.8	4.6	35.1
Aug	9.1	8.3 (28)	9.3	85.9 (1)	67.0	17.3	41.9	46.5	13.8	30.6
Sep	36.0	12.8 (3)	66.0	62.6	54.1	24.8	24.0	59.4	34.4	55.3
Oct	79.4	8.4 (5)	26.8	85.7	38.2	22.2	9.2	26.5	25.6	13.0
Nov	77.9	3.7	21.7	25.8	39.7	13.4 (11)	5.5	31.9	6.9	15.1
Dec	11.1	1.9	8.3	10.8	8.2	7.3 (31)	3.6	46.0	4.7	5.3
Ann	291.9	68.4	240.5	397.7	262.1	105.1	241.1	283.5	127.0	189.5

## Catchment 5

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Jan	6.9 (8)	8.1	3.7	11.0	9.5	4.8	4.9	3.8	18.7	3.4
Feb	5.6 (3)	5.4 (14)	8.0	5.9	5.1	3.8	3.0	3.0	6.0	1.8
Mar	4.5	4.1 (1)	3.5	4.2	4.5	3.6	2.6	2.7	4.3	1.6
Apr	5.1 (2)	4.5	4.2	7.2 (16)	3.8	2.9	3.8	2.6	4.0	2.1
May	15.4	4.5 (14)	9.1	12.6 (18)	5.2	2.5	54	3.8	4.3	2.8
Jun	34.1	3.6 (12)	8.4	6.4 (28)	6.1	4.8	30.4 (3)	9.1	3.6	12.2
Jly	14.9	10.4 (8)	18.6	79.5 (27)	5.9 (4)	2.8	85.6 (7)	30.0	4.0	20.9
Aug	9.4	7.6 (13)	46.4	92.8 (25)	55.9	11.5	65.2 (31)	86.8	8.4	16.0
Sep	27.7	13.7	75.1	59.9 (12)	54.5	14.3	21.4 (1)	44.4	22.0	31.2
Oct	86.0	9.8	37.1 (11)	100.0 (17)	1.8	21.1	11.4	26.9	20.1	12.9
Nov	107.1	6.2	24.3 (3)	29.9	38.5	13.4	6.8	25.8	8.4	13.1
Dec	15.8	3.1	14.0 (27)	17.4	11.3	8.7	4.7	42.0	5.2	6.3
Ann	332.5	81.3	262.9	426.9	245.6	94.2	245.2	231.1	109.1	124.5

## Catchment 6

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Jan	12 (8)	12.3 (28)	5.4	16.4	13.8	10.0	9.9	5.6 (7)	27.9	6.3
Feb	9.5 (3)	10.6	7.8	9.5	8.3	9.3	5.8	2.6 (3)	10.4	3.7
Mar	6.7	7.5	5.2	6.6	6.2 (15)	4.4	4.6	3.6	7.2	3.1
Apr	6.4 (2)	6.3	5.6	7.1 (16)	5.2	3.9	4.8	3.6	6.0	3.2
May	17.0	7.9 (15)	14.0	14.1 (18)	7.1	3.5	5.9	4.5	6.1	3.4
Jun	34.0	5.6 (9)	27.2	11.6 (28)	9.6	3.9	35.0	8.2	5.1	8.6
Jly	27.0	14.7 (8)	29.0	95.8 (27)	24.4 (4)	3.7	109.9	40.7	5.5	32.4
Aug	17.1	16.5 (13)	0.8	118.8 (25)	76.7	26.6	70.8	62.9	10.7	46.2
Sep	34.0 (2)	24.9	1.2.2	84.7 912)	87.5	22.4	28.4	64.6	41.7	80.7
Oct	105.6 (31)	17.3	48.1 (11)	24.9 (17)	50.8	37.9	19.8	48.6	47.4	29.2
Nov	108.1 (30)	11.2	34.2 (3)	43.5	53.0	22.8	10.7	33.9	18.8	22.2
Dec	22.1 (31)	7.1 (1)	18.8 (27)	32.8	17.6	15.5	7.0	41.9	9.6	12.5
Ann	400.0	142.1	358.4	555.2	360.3	150.0	312.6	320.7	196.5	251.5