

APPENDIX—V

HYDROLOGICAL AND METEOROLOGICAL DATA

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V - 1 RUN-OFF DURATION

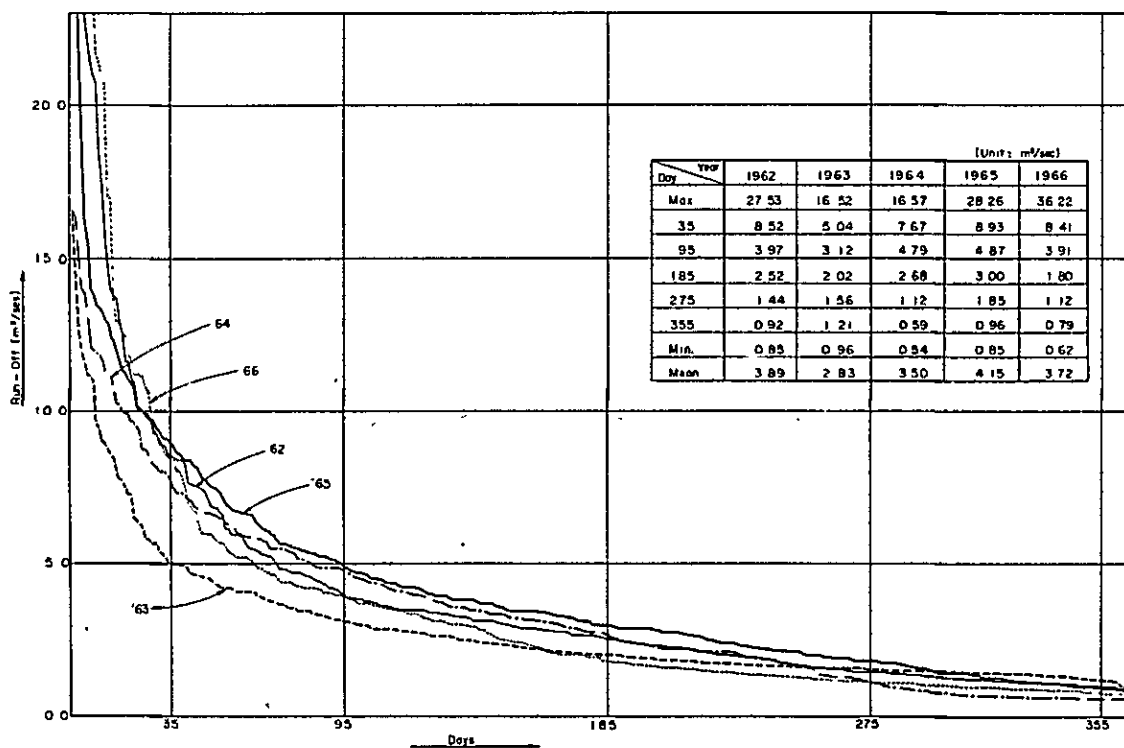
(1) Malvasa Gauging Station (Catchment Area 35 Km²)

(Unit: m³/sec)

Year	Max.	35 days	95 days	185 days	275 days	355 days	Min.	Mean
1962	27.53	8.52	3.97	2.52	1.44	0.92	0.85	3.89
1963	16.52	5.04	3.12	2.02	1.56	1.21	0.96	2.83
1964	16.57	7.67	4.79	2.68	1.12	0.59	0.54	3.50
1965	28.26	8.93	4.87	3.00	1.85	0.96	0.85	4.15
1966	<u>36.22</u>	8.41	3.91	1.80	1.12	0.79	0.62	3.72
1967	28.60	10.00	3.97	2.32	1.68	1.02	0.85	4.10
1968	24.88	17.56	5.04	2.29	1.31	0.88	0.77	5.28
1969	13.63	6.72	3.88	2.02	1.24	0.68	0.49	2.99
1970	16.83	7.60	5.47	3.34	2.02	0.64	<u>0.40</u>	4.12
1971	21.48	6.94	4.19	2.80	2.07	1.34	1.00	3.78
1972	33.44	6.82	3.66	2.53	1.90	1.18	1.00	3.52
1973	16.71	6.49	3.39	2.24	1.27	0.83	0.74	2.94
1974	34.81	5.39	3.52	2.59	2.13	1.27	1.04	3.25
1975	17.53	8.13	5.64	3.45	2.24	1.09	1.00	4.31
1976	28.76	7.50	4.41	2.63	2.03	1.40	0.66	3.87
Average	-	8.11	4.26	5.55	1.67	0.99	-	3.75

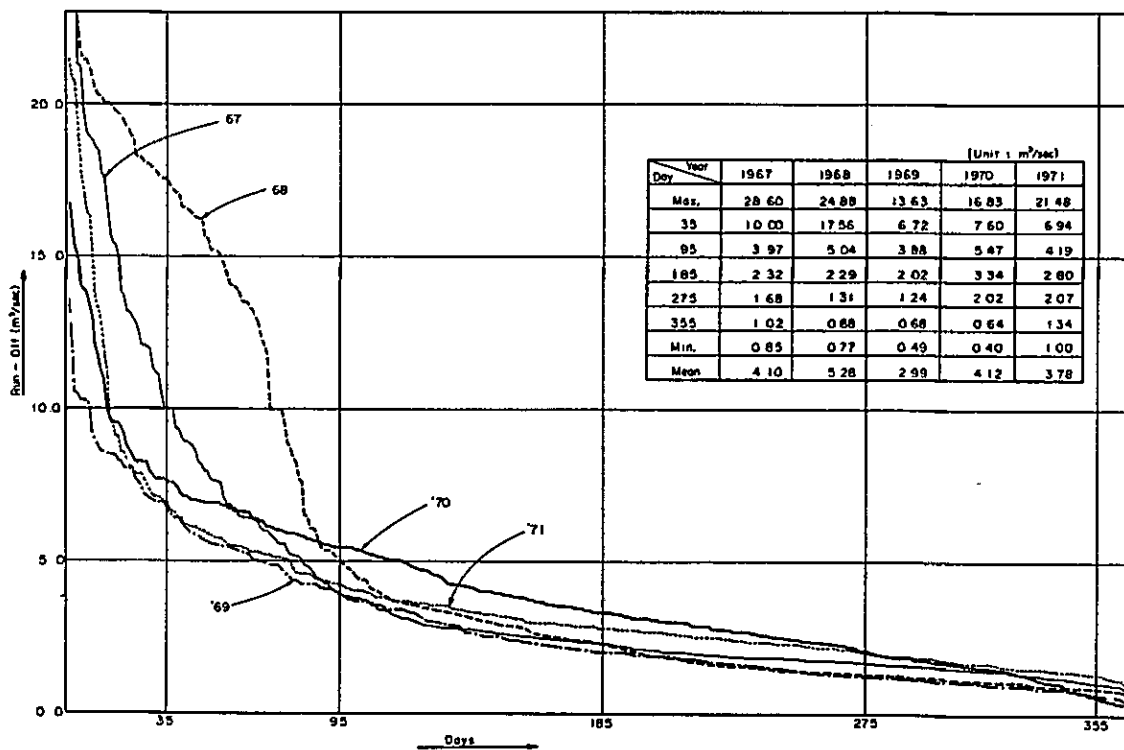
(1)-1 Run-Off Duration Curve Malvasa Gauging Station (Catchment Area 35 Km²)

1962 ----- 1966



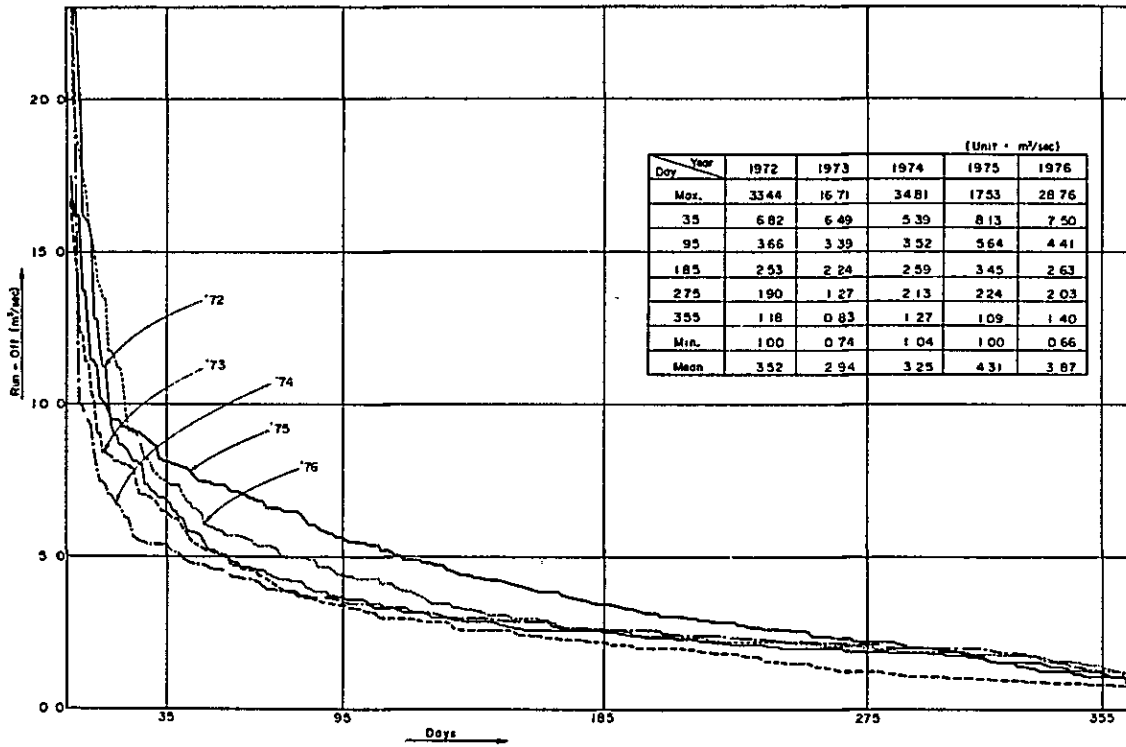
(1)-2 Run-Off Duration Curve Malvasa Gauging Station (Catchment Area 35 Km²)

1967 ----- 1971



(1)-3 Run-Off Duration Curve Malvasa Gauging Station (Catchment Area 35 Km²)

1972 ----- 1976



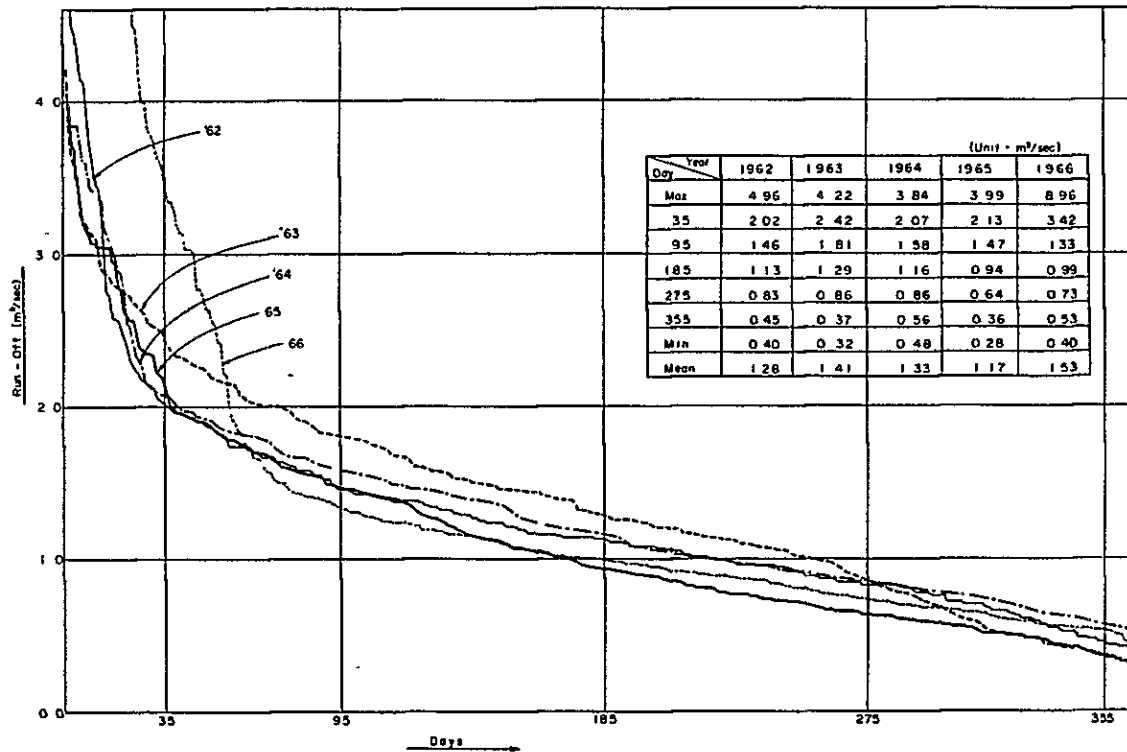
(2) Pte. Carretera Gauging Station (Catchment Area 38Km²)

(Unit: m³/sec)

Year	Max.	35 days	95 days	185 days	275 days	355 days	Min.	Mean
1962	4.96	2.02	1.46	1.13	0.83	0.45	0.40	1.28
1963	4.22	2.42	1.81	1.29	0.86	0.37	0.32	1.41
1964	3.84	2.07	1.58	1.16	0.86	0.56	0.48	1.33
1965	3.99	2.13	1.47	0.94	0.64	0.36	0.28	1.17
1966	0.96	3.42	1.33	0.99	0.73	0.53	0.40	1.53
1967	5.93	2.30	1.76	1.40	1.02	0.43	0.38	1.45
1968	3.75	2.18	1.61	1.22	0.98	0.58	0.50	1.35
1969	3.90	2.19	1.71	1.20	0.83	0.36	0.31	1.32
1970	4.65	1.83	1.29	0.90	0.29	0.15	0.12	0.90
1971	3.65	1.87	1.34	0.86	0.44	0.17	0.12	0.98
1972	<u>6.74</u>	0.91	0.72	0.53	0.33	0.17	0.15	0.58
1973	4.37	1.59	1.03	0.53	0.33	0.23	0.19	0.79
1974	5.50	1.61	1.19	0.59	0.27	0.16	0.16	0.79
1975	5.53	2.06	1.17	0.76	0.45	0.30	0.28	1.00
1976	4.90	1.92	1.24	0.76	0.44	0.14	<u>0.10</u>	0.94
Average	-	2.03	1.38	0.95	0.62	0.33	-	1.12

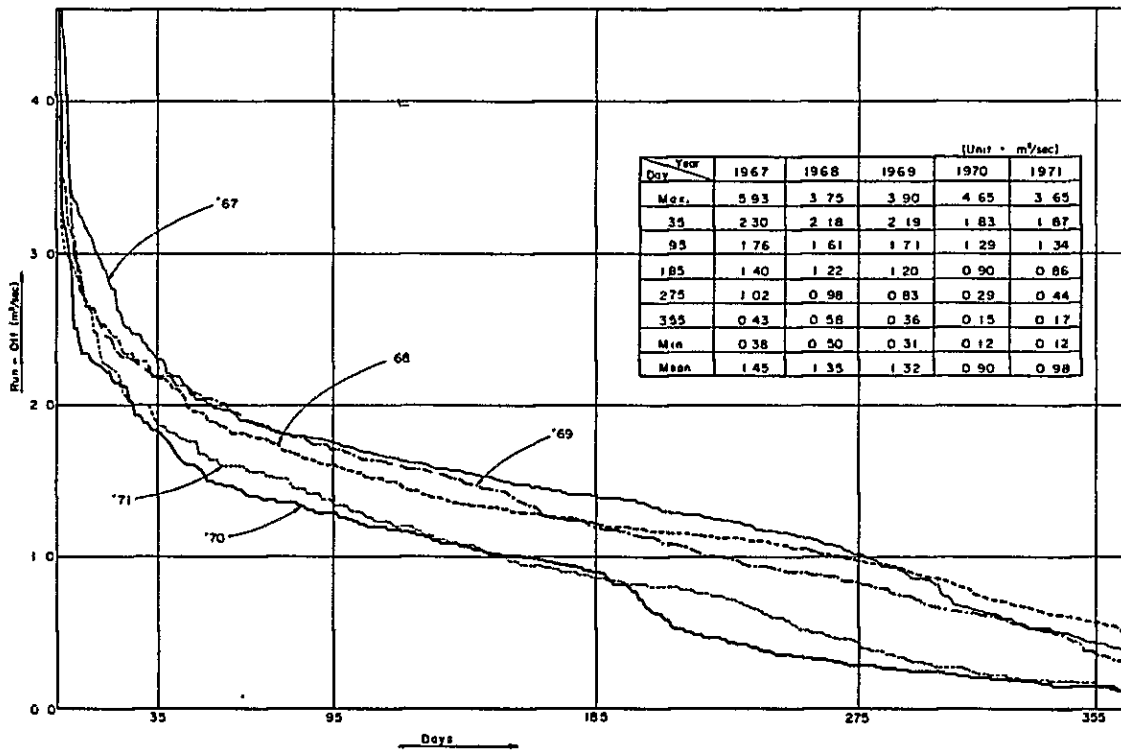
(2)-1 Run-Off Duration Curve Pte. Carretera Gauging Station (Catchment Area 38 Km²)

1962 ----- 1966



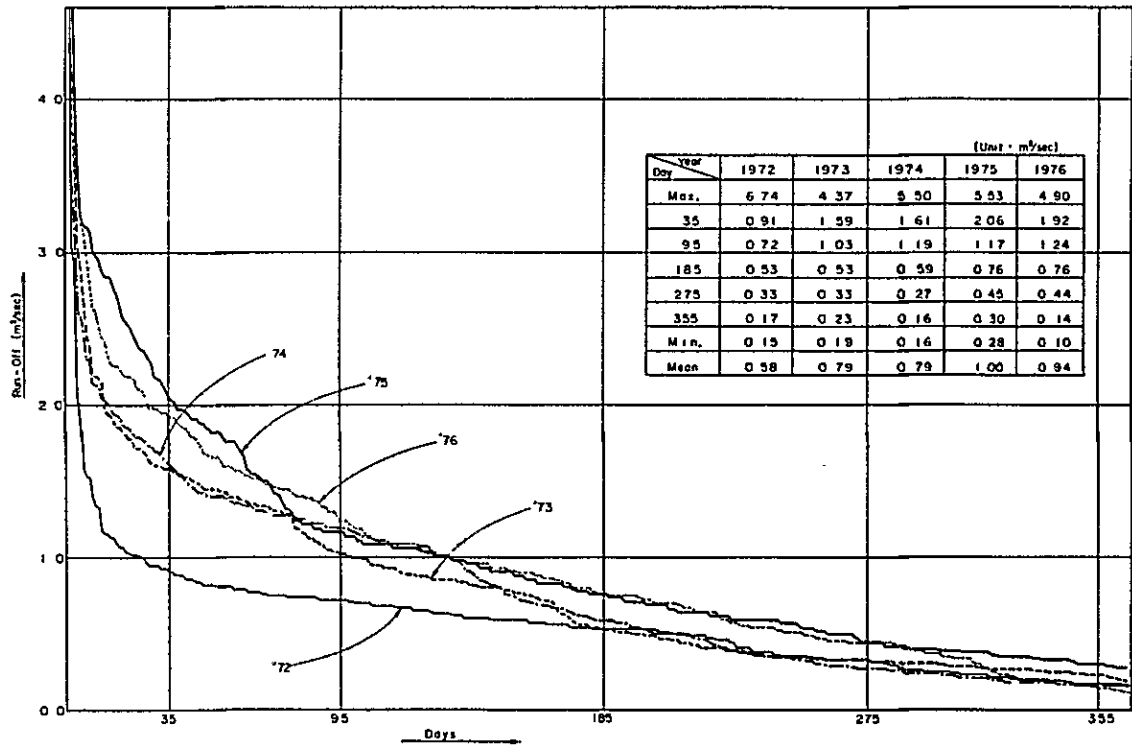
(2)-2 Run-Off Duration Curve Pte. Carretera Gauging Station (Catchment Area 38 Km²)

1967 ----- 1971



(2)-3 Run-Off Duration Curve Pte. Carretera Gauging Station (Catchment Area 38 Km²)

1972 ----- 1976



V-2 MONTHLY AVERAGE RUN-OFF

	<u>Gauging Station</u>	<u>Catchment Area (Km²)</u>	<u>Recording Period</u>
(1)	Julumito	939.0	Jan. 1962 - Dec. 1976
(2)	Malvasa	35.0	May 1961 - Dec. 1976
(3)	Pte, Carretera	38.0	Jan. 1962 - Dec. 1976
(4)	Palace	204.0	Jan. 1974 - Dec. 1976
(5)	Salvajina	3,830.0	Jan. 1962 - Dec. 1976

(1) Gauging Station

Julumito

Catchment Area (Km²)

989.0

Year	Unit: m ³ /sec												
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1962	<u>22.6</u>	<u>24.1</u>	<u>26.2</u>	<u>21.3</u>	<u>26.5</u>	<u>29.1</u>	<u>28.4</u>	<u>24.0</u>	<u>17.2</u>	<u>18.7</u>	<u>24.7</u>	<u>32.5</u>	<u>24.6</u>
1963	<u>23.1</u>	<u>34.7</u>	<u>27.1</u>	<u>35.8</u>	<u>37.7</u>	<u>23.8</u>	<u>30.4</u>	<u>26.6</u>	<u>15.0</u>	<u>13.3</u>	<u>29.4</u>	<u>24.6</u>	<u>26.8</u>
1964	<u>24.0</u>	<u>18.8</u>	<u>15.6</u>	<u>20.5</u>	<u>19.2</u>	<u>22.4</u>	<u>22.8</u>	<u>40.1</u>	<u>23.1</u>	<u>31.1</u>	<u>22.0</u>	<u>32.2</u>	<u>24.4</u>
1965	23.7	31.3	18.1	26.8	35.2	28.7	25.1	26.5	16.8	18.5	37.7	25.8	26.1
1966	17.7	15.5	24.0	22.3	17.9	19.4	24.7	20.5	17.4	19.3	31.4	<u>51.3</u>	23.5
1967	<u>32.2</u>	<u>32.7</u>	<u>31.2</u>	<u>23.7</u>	<u>20.0</u>	<u>33.1</u>	<u>39.1</u>	<u>29.8</u>	<u>15.3</u>	<u>16.0</u>	<u>31.3</u>	<u>25.6</u>	<u>27.6</u>
1968	19.9	15.3	21.2	23.3	17.8	24.6	32.8	16.0	15.3	26.9	39.1	24.2	23.1
1969	26.6	27.9	17.3	40.3	23.5	28.2	32.0	26.4	<u>14.8</u>	28.2	31.6	25.8	26.8
1970	23.4	35.5	33.1	20.5	29.5	42.9	32.5	30.0	25.4	29.1	46.0	34.4	31.8
1971	39.7	31.8	26.7	36.8	28.9	23.1	36.1	22.6	16.6	22.2	27.9	25.3	28.1
1972	35.2	28.7	25.8	35.4	28.3	29.0	46.1	24.7	25.2	15.3	28.7	30.5	29.4
1973	17.9	15.6	15.9	16.3	18.8	19.4	29.5	29.9	22.9	25.9	28.6	29.1	22.5
1974	29.4	41.4	41.4	24.1	27.4	22.6	43.3	25.2	19.7	22.1	33.1	28.3	29.8
1975	23.4	29.8	31.1	21.6	26.7	36.6	26.6	30.7	23.8	27.1	<u>49.3</u>	<u>64.5</u>	32.6
1976	25.9	27.4	35.9	37.3	29.6	33.6	57.9	29.5	20.1	17.4	16.5	11.7	28.6
Average	25.6	27.4	26.0	27.1	25.8	27.8	33.8	26.8	19.4	22.1	31.8	31.8	27.0

Note: Figures under lined were estimated by a hydraulic analyses

(2) Gauging Station Malvasa
 Catchment Area (Km²) 35.0

Year	Month												Average
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
1961	-	-	-	-	2.0	7.0	8.3	6.2	1.6	2.9	3.6	1.7	-
1962	1.39	1.07	2.21	1.81	4.25	5.59	10.68	8.29	3.27	2.65	3.06	2.03	3.89
1963	1.64	2.04	1.71	1.76	3.32	4.70	2.31	3.39	3.06	1.84	5.78	2.48	2.83
1964	0.84	0.86	0.63	1.94	2.79	4.91	4.71	5.99	4.54	7.02	3.20	4.40	3.50
1965	4.35	2.01	1.45	2.74	6.08	6.52	5.08	3.84	1.63	3.24	8.85	3.91	4.15
1966	1.11	0.91	1.49	1.46	1.18	1.90	4.13	5.07	3.51	1.97	5.36	16.16	3.72
1967	2.22	1.65	1.80	2.74	2.27	11.38	8.96	8.80	1.89	1.87	3.48	2.01	4.10
1968	1.39	1.47	1.62	2.99	3.98	13.57	19.44	<u>8.53</u>	<u>1.13</u>	<u>1.85</u>	3.66	3.54	5.28
1969	1.79	1.32	0.91	4.30	3.47	4.89	6.47	3.28	1.65	4.05	2.32	1.32	2.99
1970	1.25	2.71	1.86	2.53	5.63	7.55	4.09	5.90	4.61	4.19	6.30	2.78	4.11
1971	3.15	2.16	2.86	3.28	<u>3.53</u>	2.48	8.11	5.24	3.34	3.63	4.98	2.44	3.78
1972	4.09	3.27	2.64	2.76	3.43	3.89	9.14	2.75	2.71	1.74	3.21	2.57	3.52
1973	0.97	0.92	1.53	2.06	2.81	2.65	4.52	6.77	4.57	<u>2.93</u>	<u>2.74</u>	2.58	2.94
1974	2.19	3.16	2.36	<u>2.50</u>	3.26	<u>4.22</u>	<u>6.91</u>	3.49	2.58	2.93	3.19	2.12	3.25
1975	1.74	2.45	2.52	2.07	4.65	6.46	3.60	6.58	3.85	6.32	5.26	6.07	4.31
1976	2.16	2.27	2.16	3.92	<u>4.66</u>	<u>5.50</u>	<u>9.68</u>	<u>4.84</u>	<u>3.58</u>	2.60	2.99	2.00	3.87
Average	2.02	1.88	1.85	2.59	3.69	5.75	7.19	5.52	3.06	3.26	4.29	3.76	3.75

Note: Figures underlined were estimated by a hydraulic analyses

(3) Gauging Station

Pte. Carretera (Rio Sato)

Catchment Area (Km²)

38.0

Year	Unit: m ³ /sec												
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1961													
1962	<u>1.17</u>	<u>1.29</u>	<u>1.45</u>	<u>1.08</u>	<u>1.46</u>	<u>1.60</u>	<u>0.87</u>	<u>0.73</u>	<u>0.53</u>	<u>0.93</u>	<u>1.60</u>	<u>2.65</u>	1.28
1963	<u>1.20</u>	<u>2.17</u>	<u>1.51</u>	<u>2.26</u>	<u>2.08</u>	<u>1.31</u>	<u>0.93</u>	<u>0.81</u>	<u>0.49</u>	<u>0.59</u>	<u>2.11</u>	<u>1.52</u>	1.41
1964	<u>1.29</u>	<u>0.91</u>	<u>0.69</u>	<u>1.41</u>	<u>1.40</u>	<u>1.90</u>	<u>1.16</u>	<u>0.97</u>	<u>0.87</u>	<u>1.20</u>	<u>1.88</u>	<u>2.23</u>	1.33
1965	<u>1.61</u>	<u>1.05</u>	<u>0.77</u>	<u>1.26</u>	<u>1.41</u>	<u>0.73</u>	<u>0.77</u>	<u>0.55</u>	<u>0.45</u>	<u>0.94</u>	<u>2.06</u>	<u>2.38</u>	1.17
1966	<u>1.27</u>	<u>0.76</u>	<u>0.80</u>	<u>0.88</u>	<u>1.29</u>	<u>1.08</u>	<u>1.02</u>	<u>0.76</u>	<u>0.59</u>	<u>1.12</u>	<u>2.27</u>	<u>6.01</u>	1.53
1967	<u>1.94</u>	<u>1.98</u>	<u>1.86</u>	<u>1.31</u>	<u>1.36</u>	<u>1.59</u>	<u>1.20</u>	<u>0.91</u>	<u>0.50</u>	<u>0.76</u>	<u>2.44</u>	<u>1.63</u>	1.45
1968	<u>1.15</u>	<u>1.55</u>	<u>1.34</u>	<u>1.76</u>	<u>1.25</u>	<u>1.32</u>	<u>1.36</u>	<u>0.74</u>	<u>0.68</u>	<u>1.48</u>	<u>2.01</u>	<u>1.58</u>	1.35
1969	<u>1.25</u>	<u>1.40</u>	<u>0.87</u>	<u>2.06</u>	<u>1.79</u>	<u>1.26</u>	<u>0.92</u>	<u>0.61</u>	<u>0.47</u>	<u>1.60</u>	<u>1.92</u>	<u>1.74</u>	1.32
1970	<u>1.10</u>	<u>1.76</u>	<u>1.96</u>	<u>1.04</u>	<u>0.76</u>	<u>0.34</u>	<u>0.26</u>	<u>0.29</u>	<u>0.26</u>	<u>0.44</u>	<u>1.40</u>	<u>1.26</u>	0.90
1971	1.85	1.68	1.11	0.99	1.09	0.71	0.31	0.20	0.38	0.90	1.55	1.08	0.98
1972	1.20	0.84	0.67	0.73	0.70	0.47	0.34	0.26	0.21	0.24	0.49	0.77	0.58
1973	0.55	0.38	0.32	0.28	0.30	0.42	0.70	0.93	0.97	1.17	1.63	1.77	0.79
1974	1.26	<u>1.44</u>	<u>1.28</u>	0.79	0.46	0.28	0.25	<u>0.23</u>	<u>0.24</u>	0.65	<u>1.22</u>	1.47	0.79
1975	0.97	1.24	0.91	0.65	1.23	0.76	0.74	0.39	0.38	0.50	<u>1.74</u>	<u>2.47</u>	1.00
1976	1.64	<u>0.99</u>	<u>1.74</u>	2.04	1.09	0.60	0.31	0.54	0.19	0.45	0.64	1.05	0.94
Average	1.30	1.30	1.15	1.24	1.18	0.96	0.74	0.59	0.48	0.86	1.66	1.97	1.12

Note: Figures under line were estimated by a hydraulic analyses

(4) Gauging Station Palace Catchment Area (Km²)

204.0

Unit: m³/sec

Year	Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1974		7.64	10.15	9.92	7.69	8.71	6.04	9.37	7.79	6.29	7.54	8.11	6.35	7.97
1975		5.38	8.22	8.34	6.47	11.32	11.03	6.87	10.93	7.51	9.59	13.45	18.44	9.80
Average		6.51	9.19	9.13	7.08	10.02	8.54	8.12	9.36	6.90	8.57	10.78	12.40	8.89

(5) Gauging Station Catchment Area (Km²)
 Salvajina 3, 830

Unit: m³/sec

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
1962	118.1	129.6	145.8	108.9	147.1	161.6	87.6	74.1	53.1	94.2	161.7	267.3	129.2
1963	121.1	218.4	152.4	227.7	209.3	132.1	93.9	82.2	49.4	59.7	213.1	153.0	141.9
1964	130.3	92.1	69.5	142.1	140.7	191.3	117.0	97.6	87.6	120.8	189.5	224.4	133.6
1965	162.5	106.0	77.8	126.5	141.6	74.1	77.4	55.4	45.0	94.9	207.9	239.7	117.5
1966	127.6	76.6	80.5	89.1	129.5	108.4	103.2	76.2	59.3	112.6	274.0	605.5	154.4
1967	195.3	199.0	187.9	132.3	137.4	160.0	120.6	91.9	50.2	76.9	246.1	164.1	146.4
1968	115.5	156.1	134.5	177.0	125.5	132.6	136.6	74.6	68.4	149.4	202.8	159.2	135.8
1969	126.3	141.4	88.3	207.2	180.2	126.6	92.5	61.7	47.1	161.0	194.0	175.3	133.3
1970	110.9	177.8	197.8	105.1	146.0	135.0	79.0	80.0	73.0	165.0	366.0	258.0	157.8
1971	310.0	235.0	229.0	238.0	212.0	137.0	123.0	83.0	86.0	137.0	216.0	180.0	182.2
1972	220.0	188.0	144.0	145.0	146.0	138.0	115.0	58.0	59.0	68.0	146.0	157.0	132.0
1973	71.0	50.0	53.0	81.0	104.0	111.0	107.0	122.0	150.0	197.0	288.0	287.0	135.1
1974	252.0	284.0	245.0	146.0	147.0	109.0	114.0	74.0	75.0	159.0	288.0	211.0	175.3
1975	126.0	188.0	188.0	131.0	185.0	145.0	141.0	109.0	110.0	156.0	307.0	398.0	182.0
1976	189.0	175.0	195.0	202.0	171.0	122.0	131.0	75.0	58.0	80.0	125.0	120.0	136.8
Average	158.4	154.1	145.9	150.6	154.8	132.2	109.3	80.8	71.4	122.1	228.3	240.0	146.2

V-3 DAILY RUN-OFF

	<u>Gauging Station</u>	<u>Catchment Area (Km²)</u>	<u>Recording Period</u>
(1)	Julumito	939.0	Jan. 1962 - Dec. 1976
(2)	Malvasa	35.0	Jan. 1962 - Dec. 1976
(3)	Pte, Carretera	38.0	Jan. 1962 - Dec. 1976
(4)	Salvajina	3,830.0	Jan. 1962 - Dec. 1970 Jan. 1975 - Dec. 1976
(5)	Palace	204.0	Jan. 1974 - Dec. 1975

BY APPOINTMENT

TO THE
HONORABLE
MEMBERS OF THE
LEGISLATIVE ASSEMBLY
OF THE PROVINCE OF
SASKATCHEWAN
AT THE
LEGISLATIVE BUILDING
SASKATCHEWAN
SASKATCHEWAN
SASKATCHEWAN

1979/ 7/18 (WED) 1411140

STATION	CATCHMENT AREA												939 K#02	UNIT : M#03/SEC	1962-YEAR											
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.														
1	20.7	22.9	20.5	19.5	33.8	20.1	28.5	28.5	14.7	17.5	20.8	33.0														
2	23.6	23.3	19.4	17.7	30.8	26.6	24.9	31.5	14.2	16.1	17.8	29.8														
3	23.0	22.3	18.1	14.5	42.0	30.3	25.6	28.5	13.7	16.9	22.1	29.3														
4	23.7	22.4	18.1	25.9	35.6	46.7	31.5	63.8	14.2	18.7	19.1	25.7														
5	22.3	25.6	21.0	22.0	28.0	46.7	35.7	46.9	30.0	15.3	23.5	22.2														
6	21.8	21.9	21.9	22.3	20.1	33.9	33.8	32.2	18.6	12.8	21.8	21.4														
7	21.3	26.1	28.1	21.8	15.0	36.4	40.5	22.9	17.4	17.5	19.7	21.1														
8	22.1	27.6	27.3	24.1	14.2	36.2	31.5	21.6	16.9	14.0	19.1	20.3														
9	24.9	26.7	27.9	24.4	13.0	30.9	27.1	23.6	14.7	17.8	20.2	20.4														
10	22.6	25.0	35.6	21.3	17.5	31.5	22.9	22.9	13.7	21.0	22.7	21.1														
11	24.4	21.1	31.7	17.4	17.5	35.0	24.4	21.0	14.2	22.7	21.0	29.1														
12	23.3	24.1	23.1	18.8	15.0	33.9	25.6	21.6	13.2	24.5	20.2	42.9														
13	22.1	29.6	25.9	17.8	14.6	31.5	23.6	21.6	13.7	23.7	20.8	43.3														
14	21.4	22.9	23.7	17.7	21.1	31.5	30.0	27.4	13.7	21.3	20.5	39.8														
15	23.1	21.1	22.7	18.5	24.5	31.5	30.0	28.5	13.7	20.5	26.7	44.2														
16	22.3	20.1	21.9	15.7	26.6	30.3	26.3	21.6	15.8	20.5	38.6	42.7														
17	23.8	26.9	21.5	17.4	26.6	29.3	24.9	22.9	18.0	19.7	31.8	44.5														
18	21.0	24.9	21.5	16.9	26.0	28.1	22.3	28.5	18.0	19.7	32.6	46.9														
19	23.2	25.9	24.4	25.1	27.1	26.0	21.6	23.6	18.0	18.3	28.0	45.7														
20	19.2	21.6	23.3	22.0	30.3	24.0	22.9	14.8	22.9	23.3	28.8	38.8														
21	22.3	22.3	24.8	20.3	31.5	21.6	31.5	19.2	22.9	19.7	29.4	34.4														
22	20.5	21.0	28.4	18.1	25.0	19.7	27.8	18.0	19.0	20.2	28.6	40.3														
23	36.1	19.9	32.7	18.7	23.0	24.5	22.3	15.8	20.4	18.3	23.5	37.8														
24	26.4	13.7	35.0	22.6	25.0	23.5	37.4	15.2	16.9	16.9	24.0	30.7														
25	24.8	12.7	33.6	20.6	25.0	22.0	35.9	15.8	15.8	16.1	30.2	30.0														
26	22.8	13.1	32.6	25.4	25.0	23.0	35.4	15.2	15.2	17.3	34.1	41.5														
27	21.5	11.7	32.3	22.9	29.3	24.0	27.1	16.9	19.8	17.5	28.8	32.2														
28	22.1	22.4	31.1	25.4	34.8	26.0	22.9	19.2	14.7	17.2	25.9	27.9														
29	22.0	13.7	24.1	31.3	35.0	24.1	15.8	18.5	20.4	19.1	27.2	27.4														
30	19.5	27.3	29.8	30.3	28.7	17.9	27.1	14.9	21.0	17.5	13.7	24.0														
31	13.8	24.8	24.8	28.7	28.7	40.5	14.2				20.7															
TOTAL	701.6	275.1	310.9	639.9	820.5	471.7	879.3	744.2	516.2	580.1	741.2	1008.7														
AVERAGE	22.6	26.1	26.2	21.3	26.5	29.1	28.4	24.0	17.2	18.7	24.7	32.5														
MAXIMUM	36.1	23.8	35.4	31.3	54.8	46.7	40.5	63.8	30.0	24.5	38.6	46.9														
MINIMUM	18.8	13.1	18.1	16.7	14.2	17.9	19.8	14.2	13.2	12.8	13.7	20.3														

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
889.4	26.8	43.8	12.8

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STATION	CATCHMENT AREA												939 K#02	UNIT : M#03/SEC	1963-YEAR											
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.														
1	23.9	24.8	27.2	29.2	35.9	19.4	36.0	33.4	13.7	12.0	28.1	23.6														
2	21.3	24.1	23.9	27.2	41.5	19.2	36.4	35.3	14.5	10.9	30.6	24.0														
3	23.9	24.7	25.6	31.3	36.5	16.1	36.8	24.8	14.2	9.7	31.7	24.3														
4	21.3	33.5	23.9	46.2	34.6	19.2	37.3	25.4	13.7	9.4	34.5	27.4														
5	23.3	37.1	22.1	43.4	36.5	18.4	29.5	22.8	13.7	9.1	33.4	29.1														
6	22.3	13.4	20.8	62.0	40.9	17.7	29.5	24.7	13.7	9.1	31.2	25.3														
7	23.9	33.3	32.8	43.1	39.2	20.4	27.4	52.2	13.7	9.4	29.4	23.6														
8	22.8	31.5	27.9	37.1	45.3	17.9	36.7	24.8	14.2	8.9	30.4	26.3														
9	23.8	24.7	31.1	33.5	52.0	14.2	25.4	33.8	19.2	9.4	24.3	25.4														
10	21.4	33.7	21.1	35.8	57.1	23.1	25.4	24.1	17.2	8.8	22.9	26.2														
11	22.1	37.3	26.1	36.1	66.2	26.2	42.4	20.7	19.8	12.8	43.1	24.3														
12	23.3	31.6	34.7	35.3	56.8	31.2	36.3	21.0	22.2	12.3	40.6	22.7														
13	22.6	36.6	26.6	39.1	50.1	31.7	33.6	22.8	26.7	19.3	30.0	23.8														
14	22.0	30.7	25.3	36.8	45.9	63.5	29.1	23.1	22.5	14.7	35.0	24.9														
15	21.1	30.0	30.8	36.8	55.1	39.2	26.0	28.1	19.8	12.8	28.9	22.8														
16	24.9	23.8	24.2	38.9	46.2	31.4	25.0	32.7	18.9	12.0	27.8	21.7														
17	20.3	26.9	27.1	37.8	39.2	27.4	25.4	45.7	17.2	11.1	27.2	26.3														
18	24.4	40.6	24.9	31.1	30.7	29.2	24.7	48.5	12.2	10.5	31.4	25.4														
19	21.4	45.4	27.1	30.8	39.4	26.6	23.4	24.8	12.6	9.7	22.0	23.6														
20	27.4	41.3	25.8	49.4	32.8	26.1	21.4	23.5	13.2	10.3	22.7	23.6														
21	23.1	35.0	24.3	42.4	30.5	22.2	21.9	21.3	11.7	11.1	24.9	22.1														
22	22.1	41.0	23.6	35.9	29.0	19.0	23.8	19.5	12.0	12.6	27.4	21.2														
23	22.1	41.4	24.3	33.5	27.8	17.2	31.0	17.8	19.5	11.9	36.7	21.1														
24	21.3	45.5	20.5	14.2	26.1	17.2	34.4	16.9	16.6	17.1	28.1	20.4														
25	23.8	41.0	26.7	36.1	26.3	22.9	41.6	16.6	15.8	12.5	28.6	21.3														
26	21.9	37.0	33.2	33.2	28.0	20.0	35.3	16.1	12.5	17.4	25.4	27.5														
27	23.3	33.0	31.0	31.7	25.6	17.6	37.2	18.3	12.6	17.4	25.3	26.7														
28	23.8	31.0	29.1	30.6	24.0	15.8	32.9	19.2	12.5	20.6	24.3	24.4														
29	22.4		26.2	31.8	22.2	15.4	37.5	16.9	15.3	21.4	24.2	24.2														
30	22.4		27.1	32.2	20.7	18.6	28.8	14.5	15.8	22.1	24.0	27.5														
31	23.1		26.1		19.8		29.8	14.0		26.8		34.6														
TOTAL	716.6	922.7	343.1	1374.5	1167.5	713.5	943.1	825.2	479.4	413.3	881.1	763.9														
AVERAGE	23.1	34.7	27.1	35.8	37.7	23.8	30.4	26.6	16.0	13.3	29.4	24.6														
MAXIMUM	29.3	45.9	34.7	49.4	66.2	63.5	42.4	57.6	26.7	26.8	43.1	34.6														
MINIMUM	20.3	24.8	20.9	22.2	15.8	15.4	21.6	14.0	11.7	8.8	22.7	20.4														

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
979.0	24.8	66.2	8.8

DAY	CATCHMENT AREA			939 KM ²			UNIT 1 4003/SEC					1965-YEAR	
	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	39.1	16.7	27.0	14.5	17.4	17.0	21.0	21.0	19.4	17.8	22.9	21.0	
2	34.9	16.3	20.5	13.6	17.2	17.0	13.0	26.2	20.7	17.7	20.1	15.3	
3	37.3	15.3	23.7	13.1	18.2	17.0	21.4	25.9	30.4	30.1	15.7	13.1	
4	37.5	15.2	19.5	16.4	15.3	15.3	31.6	16.0	48.0	24.5	18.5	16.0	
5	11.1	13.1	15.0	19.9	16.7	24.2	13.1	10.0	26.1	30.9	21.0	47.5	
6	22.3	15.0	17.7	15.8	16.9	23.9	19.9	35.3	23.1	60.7	37.5	46.1	
7	27.9	16.7	17.4	15.0	15.7	23.9	13.6	31.6	21.0	53.1	35.0	30.4	
8	26.7	15.1	16.9	14.5	15.2	15.5	15.8	36.9	26.1	50.5	21.0	18.0	
9	25.0	15.9	16.4	16.4	16.4	20.0	25.7	29.0	20.0	40.2	13.9	13.6	
10	24.1	14.7	15.7	25.3	19.9	21.6	31.7	25.0	21.6	37.6	15.3	20.7	
11	23.0	14.0	15.5	21.4	17.0	19.1	32.0	37.5	19.0	29.1	17.9	22.6	
12	23.3	14.5	15.1	20.5	15.9	18.0	27.0	37.9	17.0	24.5	22.3	28.9	
13	25.9	13.9	14.0	26.4	23.5	22.3	18.2	45.9	17.9	22.4	26.4	24.4	
14	25.1	15.7	15.9	27.6	10.5	17.1	23.4	51.3	28.6	20.3	17.0	15.2	
15	24.1	13.9	17.0	28.6	24.0	21.1	23.7	63.0	20.7	18.2	14.5	38.2	
16	22.9	15.7	13.6	28.3	19.4	13.9	11.6	53.0	20.0	16.7	16.3	15.6	
17	21.6	19.0	13.7	27.4	18.6	17.5	13.3	49.2	18.2	20.0	23.0	29.0	
18	21.5	23.5	14.1	25.6	23.5	22.3	18.2	45.9	17.9	18.0	35.0	11.2	
19	19.3	21.5	15.0	16.0	43.1	30.0	13.2	43.2	23.9	75.3	30.5	44.7	
20	19.4	31.0	15.1	16.7	21.0	26.5	14.1	42.9	22.0	68.7	26.3	35.7	
21	14.6	26.9	16.5	16.4	17.3	30.9	17.7	47.6	18.2	43.9	21.6	46.9	
22	19.1	25.4	14.0	15.0	17.1	31.9	16.8	44.1	20.3	19.4	14.2	15.0	
23	13.0	25.0	13.4	15.5	23.6	27.9	18.5	49.0	18.4	19.4	19.4	38.9	
24	16.3	17.1	17.9	16.0	21.0	26.1	19.6	52.7	18.4	16.5	17.7	32.1	
25	19.1	14.0	15.6	16.9	27.1	20.9	14.5	41.4	33.4	14.0	15.1	14.3	
26	18.7	22.9	13.1	10.9	17.4	20.7	21.4	40.3	33.8	15.3	16.1	51.3	
27	17.8	22.5	13.1	26.1	18.2	23.9	20.9	40.3	20.2	16.4	16.0	43.0	
28	17.5	21.7	13.1	20.1	17.4	22.2	31.7	34.4	19.4	15.4	23.8	30.0	
29	21.2	26.4	13.4	18.0	16.2	18.9	33.1	29.4	18.9	47.3	31.6	55.4	
30	18.5	14.3	17.4	16.6	16.6	22.5	18.3	27.1	17.9	40.3	25.7	37.0	
31	17.3	18.3	18.3	19.1	19.1	19.1	17.7	22.5	26.1	26.1	18.7	18.7	
TOTAL	241.7	266.0	481.0	615.5	546.7	673.1	705.9	1241.6	694.4	983.7	651.1	999.5	
AVERAGE	7.8	8.6	15.5	19.5	17.6	21.7	22.8	40.1	23.1	31.1	22.0	32.2	
MAXIMUM	39.1	31.3	22.0	31.9	30.5	31.9	33.1	63.7	48.0	75.3	37.5	71.2	
MINIMUM	11.1	13.1	12.0	13.3	15.2	16.0	14.0	17.0	17.0	15.3	13.9	13.1	

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
8922.3	24.4	75.3	12.0

DAY	CATCHMENT AREA			939 KM ²			UNIT 1 4003/SEC					1965-YEAR	
	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	12.7	15.7	45.1	16.9	48.3	30.0	18.9	19.0	18.4	13.7	16.4	37.6	
2	11.4	15.7	39.5	17.5	46.7	27.5	15.4	19.7	18.7	15.7	23.3	24.7	
3	27.4	15.4	23.1	15.1	52.1	18.9	18.9	16.5	24.7	13.6	17.4	18.5	
4	21.3	11.8	14.0	14.6	52.0	24.5	35.7	14.9	19.9	13.0	37.0	29.3	
5	14.4	74.7	14.3	17.5	38.5	23.7	31.6	22.2	16.3	13.7	18.1	26.4	
6	16.4	71.9	15.7	17.4	36.3	17.0	20.9	20.7	16.5	16.3	31.1	27.8	
7	14.5	51.4	20.2	24.5	23.9	16.0	26.7	44.0	18.9	14.6	32.0	35.7	
8	13.3	45.3	24.8	17.6	18.1	19.1	36.8	33.0	15.1	14.2	18.7	45.4	
9	12.9	41.4	23.7	16.7	28.2	41.9	26.2	38.2	19.6	14.3	45.9	26.0	
10	13.3	37.5	14.5	17.3	43.7	23.6	21.6	22.6	20.1	15.7	22.2	34.9	
11	13.5	41.7	23.1	19.6	44.0	23.1	14.3	19.5	18.1	12.5	16.0	20.1	
12	13.3	44.3	19.1	16.8	38.8	22.0	16.1	19.5	16.2	13.3	15.9	27.1	
13	11.9	39.7	12.3	17.5	40.8	21.3	12.8	20.2	20.4	14.0	43.5	23.5	
14	23.1	24.9	14.4	21.5	53.4	15.9	25.2	24.1	19.9	17.7	28.7	18.7	
15	23.4	19.3	14.0	22.6	45.3	15.4	20.0	14.4	19.3	15.3	30.4	27.7	
16	12.6	15.1	16.5	21.9	41.4	32.3	13.0	24.7	14.5	15.9	45.7	27.9	
17	17.4	18.6	19.1	31.1	37.6	46.9	15.3	52.1	12.9	17.1	44.1	25.6	
18	17.7	15.4	17.1	29.2	35.9	45.7	56.3	52.0	12.9	17.1	44.1	25.6	
19	46.1	16.1	13.9	18.9	29.3	42.4	44.4	42.5	23.2	31.5	33.7	21.6	
20	40.1	12.5	12.2	44.7	24.1	60.4	26.1	38.3	17.7	23.1	57.7	22.6	
21	11.5	21.1	13.2	57.9	27.5	33.6	44.0	26.1	19.6	18.4	42.2	23.7	
22	43.9	17.4	12.6	34.0	23.6	34.7	32.5	23.0	16.3	15.9	34.2	21.6	
23	28.3	74.0	13.1	46.7	29.2	34.5	26.5	14.0	14.3	25.4	48.1	16.7	
24	24.5	23.1	12.8	37.0	17.7	15.6	22.8	15.9	12.2	28.5	27.1	33.3	
25	52.4	78.0	16.5	34.0	29.7	31.5	17.3	19.0	13.7	47.6	43.7	28.9	
26	21.9	29.4	16.1	22.3	31.9	26.1	25.9	17.7	14.8	20.7	47.3	20.1	
27	42.9	41.2	16.5	20.6	29.3	22.5	24.9	22.3	12.3	16.5	44.3	20.5	
28	19.2	33.2	17.1	18.8	24.7	23.3	25.5	15.4	11.6	16.0	51.7	21.3	
29	22.9	11.7	19.4	26.6	19.3	19.5	13.3	15.4	13.3	43.2	43.2	21.0	
30	17.6	17.2	49.2	27.0	17.4	20.9	18.3	15.0	12.7	48.4	21.6	18.7	
31	23.7	14.5	14.5	25.0	25.0	13.7	20.9	20.9	14.1	14.1	20.6	20.6	
TOTAL	718.7	775.4	862.0	901.9	1011.7	829.8	774.9	421.4	504.2	974.3	1131.2	786.5	
AVERAGE	23.2	24.8	27.8	29.1	32.6	26.1	24.7	13.4	16.0	30.1	35.2	25.4	
MAXIMUM	52.4	78.0	49.1	64.2	52.2	63.4	56.3	64.0	24.7	47.6	64.3	65.6	
MINIMUM	11.4	11.8	12.2	14.6	17.7	15.4	12.8	13.3	11.6	12.5	16.0	18.5	

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
9537.3	24.1	74.0	11.4

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STATION	CATCHMENT AREA 939 K4002												UNIT : mm3/SEC
DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	1966-YEAR
1	22.2	15.9	13.9	25.3	15.7	23.6	58.7	22.4	15.2	29.5	16.3	41.8	
2	23.3	19.7	14.0	22.4	16.7	19.1	44.2	24.5	16.0	26.9	14.9	40.4	
3	21.9	15.5	13.9	46.2	17.5	18.3	25.0	17.6	14.1	28.0	17.0	39.9	
4	17.9	12.9	14.6	34.6	15.5	16.5	19.4	14.9	14.6	18.2	25.0	50.8	
5	17.2	14.2	12.8	33.2	15.6	18.7	19.5	20.0	14.7	14.7	19.5	56.2	
6	17.9	16.4	15.9	15.0	14.6	18.9	29.8	24.5	17.6	16.9	16.3	32.9	
7	23.1	14.5	17.4	14.7	13.8	17.8	20.1	24.4	14.4	18.9	32.6	51.0	
8	18.4	17.2	16.4	17.7	15.2	14.5	21.0	20.0	15.2	14.0	23.7	33.2	
9	17.5	22.7	21.7	15.7	17.5	14.6	21.9	26.5	21.7	15.3	35.0	59.9	
10	18.8	21.6	50.1	36.0	22.0	26.5	22.7	19.9	27.3	19.2	21.9	52.6	
11	16.7	19.5	24.3	23.1	23.6	25.7	21.6	18.4	19.7	20.4	27.2	51.3	
12	13.2	15.4	29.5	17.3	19.5	23.1	28.4	17.1	17.2	16.4	24.7	30.2	
13	13.9	14.2	23.7	16.0	17.5	18.8	24.6	19.8	25.2	18.7	37.7	54.0	
14	16.2	15.9	50.0	18.3	21.2	20.2	25.8	24.3	22.4	17.9	51.1	58.0	
15	12.8	14.1	36.6	22.0	15.7	14.0	29.0	25.7	19.2	16.7	52.7	54.0	
16	14.3	13.7	16.9	21.4	15.2	14.0	22.0	20.0	16.5	17.2	57.0	61.6	
17	18.6	13.8	21.9	14.9	17.4	15.0	19.2	18.2	15.5	16.5	36.5	42.9	
18	13.4	14.2	19.6	20.7	16.1	18.9	21.3	19.4	18.2	17.6	44.0	61.2	
19	22.2	13.5	20.0	29.1	17.3	20.1	17.2	17.2	16.1	15.9	31.8	63.9	
20	19.9	12.4	24.8	24.3	15.4	17.3	16.6	24.5	17.3	23.6	27.7	60.8	
21	17.5	15.7	24.7	23.2	17.8	16.8	23.7	23.0	15.3	18.4	27.4	59.5	
22	13.1	12.4	33.6	21.9	23.6	15.7	20.7	18.2	15.4	23.4	23.2	56.9	
23	15.6	17.5	21.2	21.4	18.5	14.9	16.6	21.4	14.6	24.2	24.3	54.1	
24	14.8	12.4	18.9	24.2	15.9	33.2	22.4	16.9	18.7	21.3	29.9	50.0	
25	15.6	13.6	43.3	19.3	20.3	28.3	30.3	21.7	23.4	19.7	28.2	47.9	
26	23.2	17.5	25.2	17.2	18.1	19.6	35.0	21.6	18.2	20.7	33.2	44.6	
27	17.4	16.8	21.2	15.9	17.4	17.6	28.8	23.9	14.7	14.6	32.7	42.7	
28	16.9	13.7	19.6	17.4	18.6	17.6	22.6	17.4	14.0	17.5	28.8	40.9	
29	14.4	19.5	39.5	16.8	20.7	16.9	17.4	15.4	14.0	17.4	40.0	39.7	
30	18.5	19.8	20.5	20.6	23.3	23.3	22.2	14.6	15.7	16.5	45.4	38.1	
31	14.1	18.3	18.3	18.3	18.3	20.0	20.0	15.0	16.9	16.9	37.2	37.2	
TOTAL	549.7	435.1	742.5	667.7	554.8	543.0	764.2	634.1	522.1	596.9	942.9	1590.0	
AVERAGE	17.7	15.5	24.0	22.3	17.9	19.4	24.7	20.5	17.4	19.3	31.4	51.3	
MAXIMUM	23.3	22.7	50.1	46.2	23.6	33.2	58.7	24.5	27.3	29.5	60.0	43.9	
MINIMUM	12.8	12.4	12.8	14.7	14.6	14.0	16.5	14.6	14.0	14.0	14.9	37.2	

ANNUAL
 TOTAL AVERAGE MAXIMUM MINIMUM
 8583.0 23.5 63.9 12.4

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STATION	CATCHMENT AREA 939 K4002												UNIT : mm3/SEC
DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	1967-YEAR
1	44.0	27.7	29.0	30.9	18.7	20.9	37.5	30.7	22.0	12.5	26.2	30.5	
2	43.0	28.9	28.2	28.9	18.5	23.9	61.1	36.7	18.8	14.4	24.3	29.2	
3	41.4	35.9	27.1	29.9	18.8	24.1	64.7	46.9	17.4	14.6	27.1	28.6	
4	38.9	37.0	27.4	28.3	20.0	28.3	51.7	51.6	16.3	12.6	24.5	27.0	
5	38.1	36.4	25.6	25.3	16.4	44.1	39.6	36.0	16.8	11.7	25.2	25.7	
6	37.1	33.3	26.2	24.5	14.7	27.9	40.1	28.0	19.3	11.2	21.9	25.7	
7	35.3	19.7	25.3	24.3	14.9	22.4	47.2	32.0	16.8	10.7	21.7	25.0	
8	33.2	37.6	25.3	23.7	17.4	20.8	40.5	42.1	15.2	10.6	24.9	25.7	
9	32.5	35.4	27.9	22.9	17.6	27.1	34.2	38.3	15.5	12.9	24.6	24.8	
10	31.5	35.2	24.8	22.3	17.0	26.7	30.3	28.0	14.6	21.1	23.6	23.0	
11	31.1	34.9	25.9	21.6	17.4	21.7	28.0	24.8	16.6	17.8	21.3	24.6	
12	30.8	32.7	38.3	21.5	16.8	18.9	32.4	24.1	17.4	16.4	27.6	27.0	
13	31.5	34.4	28.7	20.7	15.0	19.5	26.6	22.0	16.6	14.5	34.4	23.7	
14	30.4	31.5	31.9	22.1	15.1	25.1	30.7	20.2	14.5	14.9	31.2	22.5	
15	31.8	29.5	29.5	21.5	19.4	23.4	34.9	22.0	14.5	12.9	21.1	22.8	
16	31.1	30.9	41.8	23.6	25.8	20.3	33.1	39.4	14.2	12.4	26.3	22.3	
17	33.4	31.5	47.1	24.2	24.9	21.5	30.3	41.3	14.5	11.9	27.3	24.0	
18	29.8	24.5	38.7	25.6	24.0	19.1	25.0	33.5	14.2	13.0	31.1	23.8	
19	30.4	26.7	33.9	26.7	20.4	19.4	28.0	27.0	14.5	14.9	33.5	21.3	
20	30.8	26.1	31.0	22.7	16.9	23.6	27.7	22.3	16.0	13.6	44.5	21.8	
21	28.1	29.0	30.2	21.5	19.4	19.6	29.0	21.4	14.7	14.8	51.6	22.5	
22	27.4	31.9	27.9	21.5	22.2	44.9	29.6	30.7	13.4	14.8	43.6	21.8	
23	29.4	31.9	27.2	25.9	21.8	51.5	33.5	31.4	13.0	15.2	35.7	22.3	
24	24.4	30.2	27.1	25.9	16.5	51.5	33.8	29.6	12.4	19.8	37.0	28.7	
25	27.8	31.7	28.0	23.4	22.6	52.1	32.3	26.7	13.0	17.4	38.6	28.9	
26	26.8	37.5	25.6	18.1	25.2	47.4	42.5	23.8	13.2	23.5	37.4	26.7	
27	27.7	33.4	29.9	20.2	26.0	44.2	47.3	21.1	14.2	21.0	36.8	29.9	
28	28.0	32.7	27.6	19.4	23.7	57.0	54.6	19.3	25.9	22.3	40.0	31.3	
29	27.9	46.2	21.9	28.2	70.1	54.2	19.3	15.3	22.0	19.8	39.3	28.7	
30	29.2	46.9	19.9	22.8	51.0	64.3	22.3	20.8	24.5	35.2	28.7	28.3	
31	31.5	35.2	23.4	23.4	23.4	42.1	30.3	27.4	27.4	27.4	26.2	26.2	
TOTAL	997.9	915.1	765.9	710.9	621.5	993.2	1211.2	922.8	487.6	495.6	940.0	794.3	
AVERAGE	32.2	32.7	31.2	23.7	20.0	33.1	39.1	29.8	16.3	16.0	31.3	25.4	
MAXIMUM	44.0	39.7	47.1	30.9	22.2	70.1	64.7	51.6	22.9	27.4	51.6	31.3	
MINIMUM	27.4	26.1	24.8	18.1	14.7	18.9	27.7	19.3	12.4	10.4	21.3	21.3	

ANNUAL
 TOTAL AVERAGE MAXIMUM MINIMUM
 10056.2 27.6 70.1 10.4

STATION JIR0003 CATCHMENT AREA 934 K4002 UNIT : M003/SEC 1968-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	16.0	11.9	16.4	16.4	13.6	16.9	16.0	21.3	15.0	14.6	25.7	27.9
2	13.7	11.9	23.0	17.5	13.6	23.9	19.8	21.4	14.1	13.0	19.4	24.6
3	13.1	15.0	17.9	15.1	17.3	20.6	24.8	17.1	12.4	12.1	19.6	23.4
4	12.4	16.9	13.5	14.3	19.6	21.4	19.8	16.7	14.5	13.1	20.5	24.5
5	17.1	15.4	14.4	14.0	17.7	21.2	20.4	13.4	14.2	16.2	23.7	27.1
6	11.1	14.6	15.7	17.9	16.8	17.5	15.2	14.6	20.9	29.6	27.9	24.0
7	17.7	16.7	13.4	14.5	19.3	13.5	15.4	13.4	15.1	35.0	26.8	30.6
8	15.3	11.1	34.6	17.7	12.9	44.9	12.6	20.3	14.9	25.7	22.5	32.3
9	33.8	11.0	41.9	39.0	12.6	49.3	16.0	19.7	13.8	19.4	61.3	23.7
10	52.2	15.2	39.3	60.2	17.5	42.9	17.9	13.5	14.6	23.0	36.1	21.3
11	57.1	13.0	23.2	40.1	20.9	26.4	16.4	12.9	14.9	27.3	54.4	22.0
12	45.2	14.9	17.6	57.0	19.7	23.4	19.7	19.8	14.7	23.4	27.8	25.6
13	38.5	31.6	15.2	44.8	35.2	17.3	14.8	16.4	14.8	33.8	54.0	26.6
14	20.8	17.8	27.9	24.1	22.9	32.2	12.7	16.4	13.9	22.1	48.8	23.0
15	11.5	13.2	51.5	13.4	15.2	59.3	21.2	16.7	13.0	22.0	45.0	25.7
16	11.9	11.5	22.4	13.7	13.6	37.4	47.2	16.1	14.9	23.0	54.7	25.7
17	12.7	19.4	29.6	14.6	12.0	24.1	62.1	14.0	14.7	23.0	27.9	20.2
18	14.9	11.5	16.5	17.2	13.3	19.0	47.2	16.7	14.7	27.8	30.2	19.7
19	11.0	13.9	16.6	12.6	16.0	19.1	31.7	17.0	14.9	42.2	40.4	19.6
20	12.1	11.5	17.1	14.0	13.3	19.8	37.3	15.3	14.8	25.7	61.8	26.7
21	11.1	11.1	13.6	12.8	12.7	15.3	71.0	18.8	15.6	22.0	38.4	24.4
22	12.1	14.0	11.9	14.8	14.8	13.6	59.2	16.4	14.8	25.0	34.8	25.1
23	19.4	19.4	11.9	22.4	21.2	13.7	46.7	15.5	14.2	21.4	30.3	28.7
24	18.8	15.9	26.4	21.7	18.4	30.5	31.9	13.7	15.9	22.6	26.6	27.8
25	15.3	19.4	20.8	21.1	22.4	24.1	23.9	13.6	15.4	41.2	30.0	25.1
26	76.1	19.4	19.4	10.1	21.2	22.4	21.4	12.3	15.7	45.4	59.0	22.4
27	27.1	14.1	14.4	31.2	18.6	16.7	56.7	12.7	16.1	24.5	53.0	17.8
28	20.4	14.0	14.2	23.4	18.8	15.4	81.3	14.2	16.3	70.0	29.3	20.1
29	14.6	17.6	14.3	19.8	16.2	16.6	61.2	13.2	16.4	26.0	49.2	25.0
30	13.7	14.3	14.3	15.2	22.5	18.8	45.1	14.0	14.6	25.8	45.9	21.4
31	13.7	14.3	14.3	15.2	20.8	18.8	31.3	16.3	16.5	36.5	35.8	16.7
TOTAL	617.9	462.7	656.3	702.4	552.1	739.3	1014.1	496.7	459.0	833.3	1173.2	749.1
AVERAGE	19.9	15.3	21.2	23.1	17.8	24.6	32.8	16.0	15.3	26.9	39.1	24.2
MAXIMUM	52.2	31.6	51.5	60.2	35.2	59.3	81.3	21.4	20.9	70.0	45.0	32.3
MINIMUM	11.0	11.5	11.9	12.6	12.0	13.6	12.9	12.3	13.0	12.1	19.4	16.7

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
4436.7	23.1	81.3	10.5

STATION JUL0003 CATCHMENT AREA 934 K4002 UNIT : M003/SEC 1969-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	32.6	41.3	18.9	24.7	41.0	44.4	36.3	21.8	14.3	20.0	35.2	36.8
2	25.0	19.0	25.4	20.8	42.4	19.5	51.5	22.8	15.2	24.2	34.4	22.5
3	22.6	19.6	31.1	16.5	55.6	41.9	72.4	25.6	13.6	31.9	27.1	21.8
4	24.2	23.6	21.5	14.6	30.6	40.3	52.5	12.3	12.3	12.3	37.5	20.8
5	19.4	26.8	16.8	13.4	37.3	33.5	36.9	24.5	11.7	28.0	28.6	20.8
6	13.6	31.2	23.8	41.9	34.9	26.6	30.8	26.4	11.3	24.6	27.1	22.2
7	11.8	36.8	13.6	18.2	22.6	24.0	29.8	26.0	12.3	23.9	24.1	21.5
8	13.8	36.4	13.6	31.2	22.2	23.8	33.8	18.2	11.3	27.0	30.0	20.8
9	19.3	34.1	11.0	27.9	21.8	16.8	18.6	29.8	10.0	17.7	47.0	31.0
10	15.1	23.9	14.0	35.7	21.2	14.1	23.5	25.8	10.4	15.4	44.4	29.0
11	10.6	32.9	14.0	41.3	20.2	12.0	22.2	18.0	12.3	17.7	43.1	12.2
12	17.8	22.2	17.3	23.4	14.7	21.5	26.0	18.8	12.3	25.6	33.7	50.8
13	24.0	29.4	12.8	21.5	15.0	18.0	22.8	42.3	13.3	41.6	28.6	31.9
14	35.4	37.7	31.4	45.3	12.3	14.3	29.6	43.8	10.4	27.4	45.1	33.2
15	37.1	25.1	35.7	48.7	16.0	29.9	16.8	20.0	10.4	44.0	33.2	27.9
16	32.0	15.2	37.0	52.1	15.1	47.5	35.9	20.4	11.9	44.0	28.3	13.8
17	21.7	25.0	27.0	54.3	16.8	39.3	23.0	25.4	10.7	27.9	27.1	42.3
18	42.3	24.0	9.8	42.3	12.8	34.3	25.1	20.9	15.2	26.6	29.0	31.2
19	39.8	25.4	9.8	21.5	14.8	29.4	41.8	21.3	17.2	21.6	32.8	24.2
20	32.9	34.4	9.4	26.2	15.4	19.6	36.4	19.6	17.2	21.8	25.4	13.8
21	47.9	28.8	10.6	41.8	17.4	27.4	38.8	44.9	18.8	21.3	26.2	35.4
22	37.4	26.8	9.4	35.0	18.0	21.4	31.8	32.0	14.3	16.7	26.5	33.5
23	18.6	28.3	10.8	108.6	17.2	54.4	31.0	19.2	17.2	27.1	31.0	29.3
24	42.3	17.5	11.9	117.9	25.4	36.4	31.8	39.4	14.9	33.5	25.3	21.5
25	37.4	36.7	11.7	44.9	29.0	13.4	29.0	25.4	19.6	23.0	26.0	20.2
26	19.9	24.7	12.3	39.1	30.6	12.0	44.9	24.2	20.1	48.2	31.9	22.8
27	33.0	25.7	16.2	15.4	24.2	25.0	37.4	32.2	22.5	48.1	39.0	21.2
28	30.2	13.0	13.0	26.4	20.4	33.8	27.6	21.6	35.2	37.4	28.5	18.3
29	19.4	23.2	148.2	17.2	14.0	34.0	22.9	14.0	17.7	12.3	25.6	32.2
30	34.5	17.7	17.7	17.8	17.8	17.8	22.5	18.0	18.0	29.8	29.8	18.8
TOTAL	825.8	780.8	535.1	1209.8	727.0	444.6	991.3	819.4	462.8	874.2	949.0	799.9
AVERAGE	26.6	24.9	17.3	40.3	23.5	28.2	32.0	26.4	14.8	28.2	31.6	25.8
MAXIMUM	47.9	41.3	37.0	148.2	55.6	54.4	72.4	44.9	35.2	48.2	47.0	50.8
MINIMUM	10.6	15.2	9.4	11.9	12.3	12.0	16.8	18.0	10.0	15.4	22.8	12.2

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
9799.7	26.8	148.2	9.4

STATION JULUW10		CATCHMENT AREA 939 KM02					UNIT : MM3/SEC						1970-YEAR	
DAY	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1	12.8	13.3	32.2	27.2	13.8	67.4	33.4	56.5	18.6	27.1	28.2	33.4		
2	15.1	16.3	45.8	18.3	13.2	45.5	38.5	37.4	17.1	25.2	35.4	23.9		
3	14.3	16.6	89.0	15.4	15.8	34.0	40.3	29.1	24.3	182.5	47.5	35.0		
4	28.4	27.2	45.7	13.2	14.8	75.4	43.9	21.9	40.3	31.5	29.1	31.0		
5	21.9	14.4	50.8	11.4	17.4	63.0	20.2	16.2	56.5	21.8	35.0	23.5		
6	21.5	37.4	63.4	11.4	13.0	56.5	18.4	18.2	28.1	25.4	61.8	30.4		
7	28.6	34.0	63.5	11.9	11.2	63.6	17.7	17.7	29.1	40.3	71.4	56.5		
8	28.7	24.2	40.0	27.4	18.2	74.5	19.4	32.7	28.2	33.4	68.3	40.3		
9	34.9	19.9	30.6	21.9	19.9	60.5	19.2	42.9	23.5	40.0	78.5	56.0		
10	21.2	91.0	26.0	19.3	17.1	27.1	21.5	50.3	31.5	35.4	84.5	53.5		
11	71.6	59.5	33.3	19.6	14.3	21.5	18.3	34.4	29.1	23.5	56.5	56.9		
12	77.6	45.7	32.6	24.3	16.8	18.6	22.3	23.5	23.5	20.2	42.8	63.0		
13	26.7	30.6	24.5	28.7	22.2	20.2	24.2	19.6	21.9	29.2	40.3	40.3		
14	31.3	35.4	25.2	18.0	27.6	18.6	28.6	15.9	30.8	22.3	33.4	20.2		
15	25.2	31.4	24.2	21.8	20.2	40.3	20.9	108.0	24.8	17.1	23.5	40.3		
16	23.2	27.8	21.5	25.4	25.4	44.9	15.4	62.3	28.2	16.0	27.1	15.6		
17	21.5	34.9	21.2	24.6	20.2	35.2	31.3	37.8	27.4	12.8	41.8	20.2		
18	21.2	29.4	18.3	18.0	31.0	71.5	65.4	29.1	18.6	12.6	45.4	20.2		
19	31.0	31.6	16.5	17.4	48.0	23.5	47.5	19.9	17.1	11.7	35.4	20.2		
20	42.9	55.4	15.1	14.3	37.9	21.6	88.5	19.6	14.8	13.0	33.6	53.9		
21	26.2	62.0	15.6	42.9	56.1	16.6	47.5	14.4	18.8	11.2	28.6	59.3		
22	11.5	29.1	19.2	21.8	18.5	31.0	50.4	15.4	15.4	13.0	28.0	81.5		
23	17.7	24.2	23.3	21.2	31.0	42.9	27.9	13.0	20.2	18.3	42.8	40.3		
24	17.4	24.2	31.0	17.7	38.4	44.9	23.5	13.2	31.0	20.4	45.4	20.2		
25	78.4	35.4	22.6	18.7	56.1	21.9	25.8	23.5	20.2	23.5	88.0	20.2		
26	21.3	31.0	41.8	21.9	80.9	63.0	21.0	39.5	18.0	29.8	41.8	31.5		
27	15.9	77.9	44.9	17.1	54.6	45.4	69.6	31.0	14.0	36.4	45.4	21.9		
28	16.0	28.6	27.1	14.8	62.9	21.8	56.6	23.5	23.9	28.2	60.3	23.5		
29	17.4	20.2	30.0	27.1	16.5	11.2	18.6	34.0	25.6	25.6	35.9	17.1		
30	13.8	21.5	70.4	27.4	16.0	20.2	20.2	32.3	29.8	47.5	18.6	18.6		
31	15.1	23.2	27.1	27.1	27.1	55.4	29.8			31.5		20.2		
TOTAL	724.5	475.3	1027.3	615.2	914.9	1247.8	1056.5	930.7	762.2	900.7	1381.4	1047.5		
AVERAGE	23.4	15.3	33.1	20.5	29.5	42.9	32.5	30.0	25.4	29.1	46.0	36.4		
MAXIMUM	19.1	91.0	89.0	42.9	48.0	98.5	68.8	108.0	56.5	182.5	88.0	81.5		
MINIMUM	12.8	13.0	15.1	11.4	11.2	16.0	13.2	13.0	14.0	11.2	23.5	15.6		

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
11614.0	31.8	182.5	11.2

STATION JULUW10		CATCHMENT AREA 939 KM02					UNIT : MM3/SEC						1971-YEAR	
DAY	JAN.	FEB.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.			
1	20.2	21.7	23.5	53.7	20.2	22.2	18.6	27.4	18.3	11.0	31.0	21.5		
2	17.1	21.5	23.2	78.3	24.2	20.2	21.2	14.0	19.2	12.4	17.4	22.2		
3	20.2	23.4	21.8	136.5	20.2	21.2	23.5	29.8	23.2	17.3	39.9	21.5		
4	17.1	21.4	31.0	93.3	19.2	27.1	17.9	22.2	20.2	26.1	32.3	23.5		
5	21.5	42.9	27.1	98.9	19.4	27.1	16.2	23.5	19.2	21.6	33.4	18.6		
6	45.4	31.0	21.8	36.4	35.4	35.4	18.8	18.6	14.2	20.2	29.0	18.3		
7	84.5	29.1	18.9	33.0	33.0	43.5	69.1	18.3	13.0	17.1	23.2	17.7		
8	109.0	31.0	18.3	38.8	21.6	27.1	94.5	19.9	20.2	16.2	24.2	18.3		
9	84.5	26.4	16.3	29.4	22.2	19.2	98.5	20.6	15.5	16.2	25.8	17.7		
13	78.5	35.4	16.5	29.6	23.5	19.6	85.8	29.1	17.1	17.1	33.4	15.6		
11	40.3	78.3	15.6	24.8	33.0	16.4	91.0	20.2	16.8	37.9	20.2	18.2		
12	36.9	63.8	21.9	22.2	43.9	24.4	45.3	16.8	20.2	23.2	18.3	14.6		
13	32.0	38.0	33.4	22.5	33.4	22.5	45.4	17.1	20.2	23.5	18.4	15.4		
14	28.7	29.0	20.2	32.6	33.6	19.2	42.6	23.5	17.7	21.9	17.1	14.8		
15	28.6	25.6	18.6	21.9	33.4	21.6	31.5	22.2	15.0	17.1	20.5	14.6		
16	36.4	21.5	19.2	29.8	27.1	32.2	20.2	14.3	12.6	14.3	19.2	14.3		
17	42.9	27.1	17.8	25.2	27.1	31.5	16.8	15.6	12.8	15.4	23.2	16.0		
18	71.3	45.1	18.9	33.0	22.2	24.8	15.6	16.8	14.4	18.7	42.9	17.7		
19	40.3	48.4	20.2	40.3	31.2	25.0	13.8	14.3	14.2	18.3	23.6	20.2		
20	37.4	41.3	31.5	27.1	37.9	18.4	19.3	15.4	14.3	16.8	33.4	28.2		
21	61.8	31.0	25.6	27.1	27.1	15.4	20.4	16.8	17.7	18.9	29.1	23.8		
22	42.3	35.9	23.5	22.2	42.4	20.8	27.5	15.4	23.8	25.8	27.1	30.0		
23	35.0	27.8	70.2	28.8	29.1	18.6	53.9	14.3	17.8	54.6	26.7	44.0		
24	30.6	24.8	32.3	65.4	29.8	15.4	46.3	15.4	15.4	25.4	27.1	31.4		
25	27.1	21.8	27.1	27.1	27.4	19.2	20.2	15.4	13.0	18.9	35.4	68.0		
26	23.5	22.2	48.2	23.5	28.6	21.8	24.4	18.4	16.8	27.1	40.3	45.4		
27	26.8	25.4	29.0	31.2	25.4	20.2	16.8	18.3	13.2	35.9	34.0	33.4		
28	25.4	24.2	31.5	23.2	29.8	27.1	21.8	14.3	12.6	25.8	27.1	25.2		
29	23.5	42.9	19.2	29.1	25.4	25.4	18.3	53.8	12.2	20.5	23.2	22.5		
30	25.1	42.9	18.6	37.5	19.9	19.9	18.7	67.4	11.4	28.2	21.5	22.2		
31	20.2		68.3		23.5		21.9	31.5		23.5		24.2		
TOTAL	1775.3	473.3	827.7	1132.6	896.5	693.8	1119.5	700.4	498.4	646.7	838.1	743.3		
AVERAGE	19.7	11.8	26.7	36.8	24.5	23.1	36.1	22.6	14.6	22.2	27.9	25.3		
MAXIMUM	108.0	73.3	68.3	136.5	61.9	40.5	98.5	67.4	23.8	54.6	42.9	46.0		
MINIMUM	17.1	21.2	15.6	18.6	19.2	15.4	13.8	14.3	11.4	11.0	17.1	14.3		

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
10266.6	28.1	136.5	11.0

STATION JUL05120		CATCHMENT AREA 939 KM002					UNIT : M003/SEC						1972-YEAR	
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1														
2	44.8	31.5	20.7	27.7	31.4	20.7	170.3	18.0	20.1	15.3	31.0	67.0		
3	19.9	25.3	18.6	23.8	32.8	18.0	178.3	16.2	34.1	16.2	35.0	42.3		
4	24.1	21.9	16.8	21.6	33.3	18.0	92.0	15.6	34.1	12.5	60.0	35.3		
5	35.4	22.2	16.8	18.3	27.4	18.0	47.0	16.8	40.5	12.5	47.0	28.8		
6	24.0	30.8	70.1	17.7	26.7	18.3	28.4	16.5	45.0	12.0	35.1	24.9		
7	29.7	23.7	17.1	16.5	23.7	20.7	30.1	19.2	35.0	11.3	25.5	22.5		
8	18.3	24.3	17.7	15.0	71.3	22.2	25.8	18.3	28.3	11.3	24.9	24.6		
9	17.7	37.5	18.0	17.4	21.6	21.6	23.7	24.3	20.1	10.8	23.7	21.9		
10	21.3	54.3	16.4	15.0	22.2	20.7	21.3	22.5	37.3	10.8	23.7	36.5		
11	25.5	57.5	36.5	21.0	25.8	20.7	22.8	23.7	30.8	10.3	20.7	34.5		
12	24.3	54.5	47.5	22.5	34.5	18.3	47.0	60.5	22.2	19.5	18.6	31.3		
13	74.0	45.4	22.2	32.3	27.0	18.3	64.5	28.8	22.5	20.7	21.3	33.3		
14	39.5	45.3	16.8	43.5	30.3	52.7	30.8	28.8	22.2	39.3	19.8	26.7		
15	22.2	34.5	18.1	21.6	22.8	22.5	24.6	18.5	19.2	24.0	21.0	22.2		
16	32.5	37.9	20.1	45.3	39.3	43.0	26.7	17.0	21.6	18.0	20.1	21.6		
17	60.8	27.3	18.8	21.0	25.6	20.7	40.5	26.4	22.5	17.4	30.5	21.6		
18	62.3	75.0	16.3	28.8	31.8	17.7	43.5	25.5	18.6	12.5	35.3	24.3		
19	74.0	24.7	19.3	25.5	26.3	16.5	30.8	40.5	17.4	11.5	34.1	24.9		
20	29.1	24.0	19.5	27.3	23.5	19.8	36.5	24.4	21.3	10.0	29.4	22.5		
21	72.5	24.7	22.5	64.0	26.5	24.3	24.5	25.5	19.5	10.3	24.6	43.5		
22	45.0	21.4	23.1	59.5	28.8	13.0	24.0	37.3	24.3	10.0	21.6	34.9		
23	50.4	71.0	61.5	41.3	28.3	17.7	72.5	35.3	24.3	10.0	23.1	50.7		
24	36.1	19.7	64.3	32.5	21.3	28.8	47.5	31.1	25.5	9.6	40.8	40.5		
25	34.3	14.4	43.5	59.0	24.1	34.1	44.8	18.6	18.9	9.6	38.1	36.1		
26	51.5	13.5	25.5	77.5	54.5	24.3	31.7	18.3	16.5	9.6	28.3	31.3		
27	54.3	19.2	24.8	42.8	26.2	37.3	41.1	18.6	15.0	11.3	24.6	26.7		
28	44.8	12.5	24.6	37.3	21.6	29.5	49.5	19.2	20.1	17.4	24.3	23.1		
29	45.3	19.2	23.4	55.3	23.1	25.5	45.3	18.3	19.2	18.3	28.5	22.8		
30	52.0	13.4	28.4	15.0	24.8	43.5	40.5	18.6	17.7	15.5	29.5	22.5		
31	32.5		36.5	40.5	30.9	142.8	22.5	20.7	15.0	23.1	22.8	22.8		
31	20.7		27.3		26.9		19.2	22.8		30.3		20.7		
TOTAL	1091.4	433.6	301.2	1161.5	877.5	869.3	1433.6	766.6	754.8	475.8	660.8	946.3		
AVERAGE	35.2	26.7	25.8	35.4	28.3	29.0	46.1	24.7	25.2	15.3	26.7	30.5		
MAXIMUM	52.3	54.5	64.0	77.5	54.5	142.8	179.0	40.5	47.0	39.3	60.0	67.0		
MINIMUM	17.7	14.6	15.3	15.3	21.3	16.5	19.2	15.6	15.0	9.6	18.6	20.7		

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
10769.2	29.4	178.0	9.6

STATION JUL05120		CATCHMENT AREA 939 KM002					UNIT : M003/SEC						1973-YEAR	
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1														
2	18.9	21.6	4.0	14.5	15.0	16.5	25.5	59.0	28.4	17.7	25.8	32.5		
3	18.4	20.7	7.7	15.0	15.0	15.0	16.2	22.8	28.0	15.0	25.0	45.0		
4	14.3	13.6	9.1	12.5	15.3	12.5	41.0	34.1	21.6	19.2	21.0	40.3		
5	17.4	17.7	19.0	14.0	17.7	17.7	36.5	27.0	18.9	33.1	22.2	16.5		
6	17.4	16.7	8.6	13.8	15.0	22.1	34.8	23.7	18.2	35.5	19.2	32.5		
7	18.6	21.0	11.0	13.0	16.5	19.2	32.0	33.3	15.3	25.2	23.1	39.5		
8	18.6	21.0	11.0	13.0	16.5	19.2	32.0	33.3	15.3	25.2	23.1	39.5		
9	23.1	34.5	8.4	24.3	25.2	15.3	16.3	40.1	15.3	34.5	16.2	28.8		
10	19.8	25.9	23.8	22.5	19.2	18.6	34.5	32.5	14.8	25.5	25.2	36.5		
11	14.0	23.7	27.7	18.5	17.7	15.0	30.5	25.5	14.0	18.6	29.3	40.5		
12	15.4	19.2	18.9	15.0	16.5	24.6	44.8	24.3	17.3	16.8	81.3	37.3		
13	17.7	16.2	18.3	14.3	15.0	16.5	40.1	18.0	18.0	15.0	42.8	40.5		
14	18.0	16.2	19.5	12.5	15.0	16.2	33.3	16.3	70.7	15.3	29.1	29.5		
15	17.4	13.0	17.7	12.5	19.5	14.5	28.8	16.2	21.0	18.0	37.0	26.7		
16	17.4	12.8	18.3	21.0	32.8	24.6	22.5	20.7	25.5	24.3	36.5	21.6		
17	17.4	12.5	17.7	17.4	22.2	18.6	17.7	29.3	30.8	21.6	29.4	22.5		
18	17.7	12.5	18.3	17.4	25.4	17.7	15.3	16.5	19.5	19.5	27.3	21.6		
19	17.4	12.0	18.6	15.0	21.0	24.5	15.9	22.5	24.6	20.7	27.7	30.3		
20	16.3	12.0	18.0	16.5	21.9	21.6	31.7	18.0	37.7	33.3	28.4	24.0		
21	20.1	12.0	18.6	18.0	22.2	25.5	17.7	17.4	25.9	25.5	24.6	21.9		
22	19.2	11.0	15.0	16.5	19.5	24.7	30.0	22.2	21.0	28.8	21.0	21.3		
23	20.4	11.0	21.0	15.0	15.3	27.4	22.5	21.6	19.2	32.9	21.0	20.7		
24	19.6	12.5	15.3	15.0	15.0	22.5	21.3	32.5	18.0	34.5	21.3	19.2		
25	17.7	13.0	18.3	22.8	15.0	20.1	45.0	34.5	20.7	32.3	21.0	21.3		
26	15.9	13.0	17.4	15.0	15.0	21.0	21.6	24.4	21.3	32.9	18.6	23.1		
27	15.6	13.3	15.6	19.2	13.5	16.0	19.5	27.0	18.0	35.3	19.5	23.7		
28	15.0	4.0	15.0	20.1	12.5	17.4	18.0	44.8	22.5	23.4	20.4	21.3		
29	15.3		15.3	15.3	15.3	15.0	19.2	42.6	41.0	21.6	29.8	22.5		
30	15.9		17.4	15.0	19.8	15.0	22.5	27.8	36.9	24.0	41.0	23.1		
31	15.3		15.4	15.0	22.5	24.8	21.6	34.1	23.7	24.0	41.4	21.3		
31	14.9		13.0		23.7		24.3	30.3		22.2		20.7		
TOTAL	554.4	436.9	491.4	449.7	581.7	580.9	915.5	927.2	688.0	402.2	857.9	902.5		
AVERAGE	17.9	15.6	15.4	16.3	18.8	19.4	29.5	29.9	22.9	25.9	28.6	29.1		
MAXIMUM	70.4	34.5	28.8	28.3	32.8	27.6	55.6	59.0	41.8	47.0	81.3	65.0		
MINIMUM	15.0	8.0	8.0	12.5	12.5	12.5	15.3	16.2	14.0	15.0	18.6	19.2		

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
8228.3	22.5	81.3	8.0

STATION	JULIUMTD		CATCHMENT AREA				939 KM*2		UNIT : MM*3/SEC				1974-YEAR	
#DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1	23.1	26.0	19.5	25.5	47.0	25.8	30.1	44.6	21.0	18.0	40.5	30.0		
2	21.3	59.4	25.4	27.4	90.3	24.6	37.3	34.5	18.9	18.5	27.8	51.4		
3	22.5	61.0	25.2	26.7	54.3	27.3	45.3	24.5	18.1	22.5	24.4	48.4		
4	21.7	44.8	21.4	23.7	10.8	24.0	41.0	21.4	34.5	16.1	22.5	39.3		
5	20.7	36.5	23.4	24.1	30.5	20.1	24.6	19.8	21.6	21.9	18.3	30.4		
6	18.6	33.5	22.5	30.1	32.5	13.9	29.8	34.4	20.7	27.0	17.7	27.3		
7	17.7	51.4	21.6	27.7	32.5	23.8	129.4	32.4	20.7	25.8	17.4	28.4		
8	15.6	94.3	114.3	28.4	26.7	18.6	42.5	25.4	17.4	18.8	31.5	34.5		
9	26.3	49.3	51.4	27.3	28.0	18.0	48.3	44.8	30.5	16.2	40.0	24.4		
10														
11	19.2	47.0	34.5	25.8	25.5	17.7	47.5	44.3	20.7	21.3	40.3	22.8		
12	17.4	54.0	34.1	29.8	24.3	17.1	49.3	33.3	17.4	17.7	47.0	21.0		
13	13.3	47.5	36.5	40.5	24.0	21.0	40.5	35.4	21.0	18.0	36.1	20.7		
14	49.5	32.5	129.8	13.5	21.0	22.2	35.3	25.2	22.5	24.1	42.1	18.0		
15	25.5	47.0	68.0	24.3	18.3	19.5	30.9	21.0	19.2	22.5	49.5	28.8		
16	29.3	38.8	64.0	24.0	17.4	21.0	27.7	18.9	16.5	25.0	34.5	33.4		
17	46.0	59.0	47.0	22.8	18.6	20.7	24.3	25.5	14.8	18.6	30.5	31.3		
18	42.3	53.3	40.5	20.4	20.7	22.8	21.9	20.7	16.5	21.3	27.0	25.3		
19	74.8	37.5	38.9	18.4	20.1	24.7	23.7	21.0	16.5	20.7	35.8	21.3		
20	47.0	32.5	34.5	18.0	21.3	32.4	18.6	18.3	16.5	17.7	22.2	21.3		
21	11.3	30.9	49.3	21.3	24.3	32.5	19.5	17.4	20.3	15.9	31.5	21.0		
22	43.3	32.7	47.0	19.8	25.2	11.3	21.0	17.4	16.5	14.7	28.4	14.5		
23	32.0	46.5	42.8	18.6	22.5	19.5	31.8	18.0	15.0	22.3	27.3	19.2		
24	27.0	23.7	38.9	18.3	21.6	23.7	42.8	18.0	14.8	26.7	45.6	17.7		
25	26.7	22.2	34.5	17.1	20.7	20.7	83.5	19.2	22.4	27.0	40.1	15.3		
26	34.5	22.8	40.5	16.5	18.6	18.3	35.5	23.1	23.7	21.0	49.6	19.5		
27	27.0	21.0	32.5	19.8	20.4	18.3	25.8	20.7	20.7	28.8	35.3	21.3		
28	24.3	23.4	27.0	21.0	15.8	19.5	40.1	18.0	18.3	23.7	30.1	22.8		
29	23.1		30.5	21.0	20.7	24.9	40.8	17.4	15.0	26.5	24.8	25.3		
30	21.6		34.5	21.3	19.2	25.8	51.3	18.3	16.6	28.3	33.3	34.1		
31	36.3		34.1		27.1		89.2	20.7		21.3		29.1		
TOTAL	911.2	1154.1	1282.5	124.1	850.9	674.0	1343.1	782.7	520.8	684.1	921.6	876.5		
AVERAGE	29.4	41.4	41.4	24.1	27.4	22.6	43.3	25.2	19.7	22.1	33.1	28.3		
MAXIMUM	74.8	94.0	129.8	40.5	90.3	32.9	129.8	44.0	36.5	36.1	62.1	51.4		
MINIMUM	15.6	19.5	16.5	17.4	17.1	17.1	18.6	17.4	14.8	14.1	17.4	15.3		

ANNUAL

TOTAL	10877.3	29.8	129.8	16.1
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STATION	JULIUMTD		CATCHMENT AREA				939 KM*2		UNIT : MM*3/SEC				1975-YEAR	
#DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1	37.8	17.4	42.3	18.3	18.0	22.2	43.0	18.9	24.3	15.0	23.7	174.0		
2	49.5	18.0	47.0	27.7	18.0	23.4	25.5	14.6	20.4	17.4	23.8	84.5		
3	45.8	18.0	47.0	27.7	18.0	23.4	25.5	14.6	20.4	17.4	23.8	84.5		
4	34.3	34.5	43.4	23.7	26.1	24.9	28.6	15.6	18.9	18.9	24.0	44.0		
5	37.1	24.4	42.5	29.3	30.8	22.2	36.5	29.6	16.1	20.7	31.3	47.0		
6	26.7	25.4	48.3	24.0	59.5	19.8	28.8	21.6	14.4	20.7	43.5	44.8		
7	24.0	77.0	33.3	21.3	49.5	22.5	31.8	21.9	13.5	16.5	83.8	78.8		
8	74.0	22.5	29.4	18.6	28.4	25.5	44.8	20.7	21.6	14.8	65.8	56.8		
9	21.6	26.7	29.1	41.8	33.3	27.0	64.4	19.5	27.7	18.3	107.5	44.3		
10	23.1	23.1	29.4	22.5	29.4	44.8	32.5	24.0	35.2	17.7	88.0	47.0		
11	27.8	20.7	29.1	27.8	28.4	29.4	25.2	19.2	22.2	18.0	117.3	42.8		
12	21.3	19.2	26.8	21.3	24.9	27.7	21.3	27.1	18.3	20.7	62.3	35.3		
13	19.8	18.6	31.3	21.3	24.0	61.5	15.6	26.2	18.0	27.9	49.5	31.3		
14	19.8	18.0	34.1	21.0	25.2	61.3	40.5	17.4	18.9	28.8	41.3	30.5		
15	21.0	17.4	38.1	20.7	25.3	69.5	18.6	32.5	56.8	53.3	40.8	28.4		
16	20.7	14.0	58.3	18.9	30.1	51.8	19.9	41.5	34.8	25.5	39.3	35.3		
17	20.7	18.0	33.1	18.0	32.1	80.5	18.3	67.0	24.0	33.3	39.3	40.5		
18	11.3	17.4	27.0	18.6	28.4	25.5	44.8	20.7	21.6	14.8	65.8	56.8		
19	19.8	20.7	21.3	18.6	27.3	32.5	20.1	32.1	18.0	32.1	36.5	35.3		
20	18.3	28.8	22.8	17.7	21.9	30.5	21.0	24.5	20.7	22.5	24.0	74.0		
21	18.0	32.1	25.5	15.9	20.1	32.9	21.0	30.8	14.9	31.0	23.5	60.9		
22	19.8	36.5	26.7	15.0	17.7	32.5	21.0	30.3	15.6	57.3	48.3	80.5		
23	21.0	80.3	24.9	19.3	20.1	54.3	17.4	30.5	20.7	29.8	40.5	84.5		
24	19.2	66.8	24.0	16.5	21.0	46.8	17.4	26.2	22.7	19.5	40.8	84.5		
25	17.7	47.0	22.8	17.4	20.7	44.8	15.3	21.9	48.9	19.8	47.5	86.5		
26	17.4	35.3	21.6	15.6	24.6	37.3	18.3	34.9	40.8	22.8	36.5	69.3		
27	17.4	35.3	21.0	18.0	18.9	32.5	22.2	24.3	25.5	59.5	51.3	114.0		
28	16.5	58.0	21.0	32.5	19.6	29.8	28.1	21.6	21.6	45.6	54.3	98.8		
29	16.5		19.8	22.5	28.2	29.1	22.5	29.3	19.5	33.3	103.8	92.0		
30	16.7		18.0	20.7	23.5	44.3	19.2	43.4	20.7	24.5	34.9	74.0		
31	16.7		18.0		21.0		40.3	42.8		24.0		80.5		
TOTAL	124.0	434.3	962.9	647.2	827.9	1007.6	825.6	931.4	713.5	839.5	1478.7	1999.4		
AVERAGE	23.4	79.8	31.1	21.6	26.7	32.6	26.6	30.7	23.8	27.1	49.3	64.5		
MAXIMUM	59.5	80.3	58.3	41.8	59.5	69.5	64.8	67.0	56.8	59.5	117.3	174.0		
MINIMUM	14.2	17.4	15.0	17.7	19.8	15.3	14.0	13.5	14.8	23.7	24.8			

ANNUAL

TOTAL	11904.0	32.8	178.0	13.5
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STATION	INFLUENT	CATCHMENT AREA 339 44002										UNIT : M ³ /SEC	1976-YEAR			
		JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.		NOV.	DEC.		
1	61.0	25.1	11.1	15.9	14.0	31.8	27.0	21.7	26.6	11.8	20.1	11.8				
2	47.5	16.1	17.6	12.6	47.9	22.5	46.1	20.4	33.0	17.2	19.8	16.0				
3	41.4	18.5	22.0	14.7	20.7	11.0	41.8	19.1	19.2	36.1	25.4	11.8				
4	35.3	15.5	19.5	21.6	16.2	20.7	42.8	16.5	12.2	36.0	20.1	11.0				
5	29.5	13.8	11.3	19.5	28.3	21.7	15.3	17.5	11.8	23.0	44.2	11.8				
6	26.2	17.7	35.3	18.8	22.0	11.8	47.5	23.3	12.6	21.3	42.8	10.4				
7	25.6	23.9	43.1	11.4	29.8	23.1	55.6	26.2	11.8	26.0	16.0	9.1				
8	31.4	22.0	78.2	12.4	60.8	20.4	92.2	27.3	11.8	13.8	16.7	9.1				
9	31.7	15.7	49.9	15.1	39.6	41.4	97.2	40.5	11.8	17.6	20.1	13.0				
10	24.1	19.5	77.8	31.6	31.3	63.8	71.3	27.3	11.8	15.9	11.8	13.8				
11	23.6	21.4	23.6	64.9	71.0	40.5	85.1	43.7	11.8	11.8	10.4	14.2				
12	17.7	31.9	27.3	27.3	111.2	39.6	88.9	20.4	11.8	12.6	10.2	9.0				
13	15.9	77.1	25.4	29.8	60.8	14.8	101.0	23.6	11.8	12.6	10.2	8.5				
14	16.2	45.3	36.5	42.2	26.0	18.7	71.9	40.4	20.1	12.6	40.5	9.1				
15	15.5	49.8	25.5	100.5	25.9	17.2	58.3	45.1	26.0	13.8	29.2	10.4				
16	17.2	23.6	17.7	98.4	24.8	15.2	26.6	26.2	26.0	11.8	18.8	13.8				
17	20.3	25.1	20.5	55.2	70.1	22.0	33.2	33.1	12.6	11.8	11.0	20.1				
18	29.3	24.7	17.5	42.4	52.8	16.8	75.8	37.2	11.8	13.8	10.2	16.7				
19	14.5	21.4	21.3	34.6	25.4	15.3	71.5	29.8	12.6	12.6	9.4	11.0				
20	13.7	21.3	23.8	31.8	19.1	53.8	123.4	10.4	14.7	13.8	10.2	20.3				
21	13.2	23.6	31.8	33.3	21.7	130.1	35.1	56.4	24.7	12.6	9.0	9.6				
22	12.6	27.3	40.6	35.3	24.0	50.4	42.8	23.6	29.5	13.5	9.6	14.3				
23	13.4	47.8	36.5	27.1	11.0	33.0	29.1	31.3	36.1	17.2	9.0	14.7				
24	16.4	30.4	25.4	28.5	10.4	68.2	27.6	33.5	40.5	17.2	9.6	9.9				
25	16.2	31.5	10.4	30.5	11.0	35.0	37.5	27.7	13.5	29.8	9.1	10.2				
26	16.2	23.2	92.3	43.8	25.1	33.6	44.9	20.3	26.0	23.8	8.5	9.0				
27	14.2	24.0	68.9	40.5	12.4	35.8	21.6	19.1	47.5	17.2	8.0	9.1				
28	14.9	23.6	37.0	47.8	17.6	68.7	26.0	45.1	53.3	18.8	9.1	9.0				
29	33.3	24.7	25.4	31.8	10.4	36.1	28.0	36.7	22.0	14.7	9.6	8.0				
30	61.4	21.4	21.4	27.3	11.8	20.1	23.5	35.7	12.6	12.6	19.1	8.0				
31	33.6	17.2	17.2	17.2	17.2	17.2	24.5	36.6	17.2	17.2	17.2	9.6				
TOTAL	431.7	194.6	1112.8	1123.0	917.2	1339.3	1796.0	915.7	801.5	339.3	494.9	362.6				
AVERAGE	25.1	27.4	35.9	37.3	29.6	33.6	57.9	29.5	20.1	17.4	16.5	11.7				
MAXIMUM	61.0	77.1	104.0	160.5	111.2	106.1	212.5	58.4	53.3	36.0	46.2	20.3				
MINIMUM	17.6	11.5	12.6	11.4	10.4	11.0	23.6	10.4	11.8	11.8	8.0	8.0				

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
10445.1	28.6	212.5	8.0

STATION	INFLUENT	CATCHMENT AREA 35 44002										UNIT : M ³ /SEC	1962-YEAR			
		JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.		NOV.	DEC.		
1	1.26	1.96	0.87	1.44	3.39	2.76	3.70	21.71	2.88	1.44	3.12	1.36				
2	1.59	0.76	0.45	2.25	3.32	2.96	3.88	21.00	2.88	1.41	3.12	1.24				
3	1.79	0.96	0.45	2.22	6.90	7.44	5.09	27.53	3.20	1.87	2.64	1.21				
4	1.54	1.76	0.85	2.25	5.25	21.00	5.93	24.62	8.56	2.12	2.32	1.17				
5	1.31	0.96	0.87	3.75	3.51	17.45	5.98	20.75	5.30	2.19	1.96	1.19				
6	1.39	1.93	0.93	3.93	3.47	3.28	9.65	5.51	18.48	5.51	2.80	1.93				
7	1.13	0.90	1.35	1.88	2.25	4.39	6.67	14.72	4.82	2.88	1.93	2.04				
8	1.09	0.92	3.03	1.66	1.91	4.94	7.61	11.10	3.47	4.48	1.93	2.52				
9	1.56	0.96	4.81	1.39	3.44	3.88	8.39	7.48	3.00	5.46	1.65	3.39				
10	1.21	0.96	5.67	1.21	2.84	3.84	8.39	4.11	2.76	4.84	2.29	3.47				
11	1.76	1.39	3.76	1.15	3.12	3.24	9.21	2.52	3.27	4.43	2.76	3.12				
12	2.47	1.09	2.56	1.09	3.12	2.76	10.95	2.09	3.58	4.02	3.08	2.92				
13	2.45	1.09	2.43	1.09	4.20	2.72	11.64	2.76	2.84	2.80	3.50	2.44				
14	2.32	1.39	1.44	1.39	3.47	2.52	10.01	3.76	2.88	2.84	3.84	2.39				
15	1.54	1.07	1.29	1.09	3.12	2.32	9.30	4.80	7.61	2.64	3.97	2.32				
16	1.11	1.02	2.07	1.39	3.44	2.35	8.84	6.15	5.20	2.64	4.40	2.29				
17	1.29	1.02	3.40	1.07	6.83	1.76	9.94	7.32	4.34	2.07	3.84	1.93				
18	1.74	1.62	2.80	0.98	4.71	1.62	12.56	4.27	3.25	1.41	3.38	1.74				
19	1.71	1.44	2.25	1.15	4.61	1.31	12.97	7.56	3.35	1.44	4.76	1.70				
20	1.15	1.39	2.02	1.26	8.52	2.07	13.76	5.94	2.97	1.36	5.41	1.56				
21	1.39	1.36	1.76	1.26	7.08	3.23	15.74	4.65	2.60	1.79	4.71	1.44				
22	1.15	1.24	1.99	1.29	5.87	4.41	13.98	4.15	2.19	2.47	3.70	1.44				
23	1.39	1.19	2.32	1.39	5.36	4.71	11.64	3.84	1.45	2.64	3.24	1.71				
24	1.36	1.15	2.60	1.49	4.71	5.94	10.16	3.47	1.44	2.15	3.60	1.21				
25	1.24	1.04	3.35	2.29	4.54	7.56	9.06	3.47	1.44	2.02	3.60	1.21				
26	1.21	0.94	2.88	1.96	4.30	10.10	8.68	2.39	1.44	2.37	3.27	1.21				
27	1.11	0.90	2.52	2.12	3.62	8.89	9.90	1.62	1.36	2.57	2.32	2.00				
28	1.11	0.97	2.22	3.24	4.83	11.74	1.44	1.34	1.34	2.42	1.96	2.80				
29	1.07	1.02	1.47	3.04	6.15	21.45	1.68	1.56	2.84	1.59	3.12	1.21				
30	1.33	1.56	4.20	3.39	5.30	24.23	1.85	1.46	2.64	1.59	2.39	1.21				
31	0.96	1.49	1.49	1.49	3.47	3.47	22.27	1.85	3.12	3.12	2.22	1.21				
TOTAL	47.17	70.04	68.51	54.39	131.87	167.61	331.08	256.88	98.20	82.01	91.85	62.80				
AVERAGE	1.39	1.37	2.21	1.81	4.25	5.59	10.69	8.29	3.27	2.65	3.06	2.03				
MAXIMUM	2.45	1.62	5.67	4.20	8.52	21.00	24.23	27.57	4.58	5.46	5.41	3.47				
MINIMUM	0.96	0.90	0.85	0.96	1.91	1.31	3.70	1.44	1.34	1.36	1.59	1.17				

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1418.53	3.89	27.53	0.85

STATION MALVISA

CATCHMENT AREA 35 KM²

UNIT : MM³/SEC

1979/ 7/18 (WED) 16:11:40

1963-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	2.37	1.91	1.68	1.58	1.59	1.44	1.85	3.20	2.32	1.99	3.76	1.51
2	1.83	1.59	1.46	1.36	12.60	1.57	2.10	3.47	2.12	4.10	8.08	1.49
3	1.82	1.59	1.36	1.36	2.30	1.51	2.42	4.32	2.39	3.58	10.95	1.44
4	1.59	1.76	1.36	1.49	4.11	1.44	2.82	5.67	4.11	2.64	11.10	1.76
5	1.59	1.76	1.41	1.59	3.12	1.44	2.35	4.85	5.67	2.62	9.44	3.04
6	1.39	1.59	1.79	1.76	2.45	2.24	2.12	4.11	5.36	1.85	8.94	6.24
7	1.36	1.95	2.17	1.76	4.99	5.03	1.85	3.70	5.04	1.68	8.56	5.82
8	1.70	1.99	2.22	1.76	2.45	5.03	1.85	2.88	3.64	1.68	7.79	4.43
9	2.02	1.66	2.49	1.73	2.60	4.54	1.51	2.88	3.47	1.59	7.28	3.93
10	2.05	1.51	2.29	1.54	4.39	2.88	1.44	3.72	3.12	1.51	11.52	3.39
11	1.80	4.96	2.25	1.32	3.89	2.64	1.44	4.54	3.20	1.51	11.19	3.35
12	1.59	2.25	2.09	1.76	2.32	5.03	1.44	6.36	3.00	1.51	9.44	1.24
13	1.59	2.07	1.93	1.65	4.00	7.75	1.44	4.22	3.00	1.51	8.74	2.82
14	1.39	1.68	1.64	1.59	3.97	4.11	1.59	4.92	2.88	1.44	8.48	3.00
15	1.21	1.51	1.65	1.56	7.50	5.68	1.85	4.24	4.24	1.39	7.31	2.88
16	1.71	1.68	1.56	1.44	9.05	16.52	2.12	3.86	5.20	1.36	6.50	2.76
17	1.21	2.05	1.46	1.93	10.62	16.54	1.76	3.28	4.46	1.51	5.04	2.64
18	1.24	2.29	1.34	2.68	2.76	11.48	1.59	4.22	3.18	1.54	4.24	2.32
19	1.21	1.85	1.20	2.35	2.20	6.44	1.66	2.88	3.29	1.49	3.11	2.22
20	1.17	1.51	1.29	2.29	2.02	4.96	1.44	2.22	3.04	1.36	2.64	1.93
21	1.21	1.24	1.23	2.76	1.76	4.65	1.44	2.02	2.84	1.24	2.64	1.85
22	1.37	1.46	1.66	1.66	1.51	4.11	1.77	2.05	2.64	1.17	2.44	2.03
23	1.24	2.52	1.99	2.03	1.51	4.11	3.90	1.51	1.85	1.13	1.93	2.12
24	1.29	2.34	1.88	1.76	1.51	3.77	4.76	1.44	1.85	1.02	1.93	2.02
25	1.76	2.31	1.82	1.62	1.54	3.58	4.11	1.44	1.93	0.96	1.88	1.72
26	4.20	2.57	1.76	1.51	1.76	3.58	3.70	2.16	1.60	0.96	1.79	1.59
27	2.60	2.42	1.70	1.76	1.76	2.88	3.36	2.88	1.41	0.96	1.72	1.51
28	2.25	2.13	1.49	1.40	1.76	2.88	3.36	2.88	1.41	0.96	1.72	1.51
29	1.63	1.36	1.54	1.54	2.22	2.32	2.52	3.16	1.51	2.50	1.59	1.44
30	1.44	1.76	1.59	1.85	2.02	3.35	3.47	1.63	2.76	1.51	1.51	1.44
31	1.44	1.59	1.62	1.62	1.62	3.47	3.47	2.60	3.47	3.47	1.51	1.44
TOTAL	50.72	57.19	53.05	52.90	102.82	140.86	71.68	105.05	91.72	56.95	173.53	77.03
AVERAGE	1.64	2.34	1.71	1.76	3.32	4.70	2.31	3.39	3.06	1.84	5.78	2.48
MAXIMUM	4.20	4.96	2.49	2.76	12.60	16.52	4.76	4.34	5.67	4.10	11.52	5.82
MINIMUM	1.17	1.24	1.29	1.36	1.51	1.44	1.44	1.44	1.41	0.96	1.51	1.44

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
1033.50	2.83	16.52	0.96

STATION MALVISA

CATCHMENT AREA 35 KM²

UNIT : MM³/SEC

1979/ 7/18 (WED) 16:11:40

1964-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.36	0.63	0.59	0.98	1.34	3.51	5.74	5.82	9.62	2.12	5.34	1.85
2	1.29	0.63	0.63	0.98	1.29	3.35	4.11	6.30	13.88	2.74	4.87	1.85
3	1.21	0.63	0.59	0.98	1.29	3.35	3.47	8.39	11.64	3.08	4.24	2.12
4	1.13	0.59	0.59	0.96	1.29	5.15	3.35	1.67	4.74	3.83	4.54	2.47
5	1.39	0.63	0.54	0.90	1.21	4.62	2.68	7.08	6.83	4.11	3.97	2.45
6	1.07	0.68	0.59	0.87	1.12	5.20	2.29	4.47	5.47	5.36	3.58	2.22
7	1.12	0.63	0.70	0.79	1.07	7.08	3.56	4.32	5.46	4.51	3.58	2.12
8	0.90	0.61	0.68	0.94	0.98	1.67	4.89	5.31	5.15	4.24	4.87	2.07
9	0.85	0.59	0.63	1.21	0.96	4.11	4.38	6.50	5.04	3.90	5.56	1.97
10	0.85	1.59	0.59	1.36	1.67	3.08	3.97	6.21	4.87	7.41	4.93	2.71
11	0.85	0.59	0.59	1.72	1.44	2.12	3.46	5.31	4.87	7.32	4.43	2.88
12	0.79	1.73	0.59	1.93	1.29	1.76	3.24	4.82	4.87	6.61	4.38	3.47
13	0.79	2.03	0.59	2.22	1.64	1.67	3.24	4.38	4.11	11.87	3.77	6.04
14	0.79	1.63	0.59	2.32	2.17	1.51	2.84	4.38	3.75	16.35	3.30	3.19
15	0.85	1.34	0.59	2.76	0.88	2.76	2.76	3.91	3.47	14.98	2.94	2.29
16	0.79	1.29	0.59	2.76	9.91	9.35	2.82	3.58	3.35	10.26	3.04	2.12
17	0.74	1.29	0.59	2.19	8.21	18.57	3.06	3.35	3.18	11.18	2.52	2.12
18	0.74	1.19	0.65	2.45	5.85	1.67	3.35	3.18	3.06	9.44	2.39	1.93
19	0.74	0.98	0.68	2.22	2.52	3.49	3.25	3.90	2.88	4.62	2.22	1.85
20	0.68	0.79	0.65	2.12	2.39	4.54	2.96	4.11	2.76	4.54	2.22	2.32
21	0.63	0.74	0.63	2.12	1.67	3.50	2.94	3.97	2.98	5.82	2.22	3.47
22	0.63	0.70	0.72	2.12	3.09	3.20	5.31	4.71	2.42	5.04	2.12	3.58
23	0.66	0.68	0.70	2.02	4.06	4.47	11.29	4.79	2.42	4.87	2.12	3.71
24	0.68	0.63	0.68	1.93	3.46	5.09	8.03	5.74	2.25	4.87	1.93	3.84
25	0.65	0.63	0.68	1.48	3.18	3.75	8.15	9.94	2.22	7.93	1.88	4.64
26	0.66	0.63	0.63	5.51	2.56	3.12	8.03	11.98	2.22	9.46	1.85	11.91
27	0.68	0.63	0.63	4.15	2.45	3.12	7.23	10.03	2.22	8.74	1.76	13.04
28	0.68	0.59	0.63	2.37	2.15	3.15	6.73	8.00	2.19	7.32	1.76	12.09
29	0.65	0.59	0.63	1.47	2.88	3.66	6.87	7.32	2.12	8.87	1.68	11.07
30	0.68	0.63	0.63	1.26	3.16	5.42	6.23	5.98	2.12	4.50	1.88	10.71
31	0.74	0.87	0.87	3.35	3.35	3.35	5.98	5.31	5.82	5.82	1.88	10.24
TOTAL	25.99	24.96	19.64	56.07	81.55	147.41	146.14	185.84	136.16	217.75	96.03	136.36
AVERAGE	0.84	0.80	0.63	1.94	2.79	4.91	4.71	5.99	4.36	7.02	3.20	4.40
MAXIMUM	1.36	2.03	0.87	5.51	9.91	18.57	11.29	11.98	13.88	16.35	5.56	13.04
MINIMUM	0.63	0.59	0.54	0.79	0.96	1.51	2.29	3.18	2.12	2.12	1.68	1.85

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
1240.78	3.50	18.57	0.54

STATION	MALWASA				CATCHMENT AREA				35 KM ²				UNIT : M ³ /SEC				1965-YEAR							
	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	15.01	1.05	1.02	5.10	6.06	13.87	2.03	2.17	3.12	1.09	4.54	3.47												
2	9.67	1.95	1.02	5.41	6.66	13.53	1.93	4.22	3.17	1.02	7.34	5.25												
3	6.62	2.09	1.02	6.38	5.31	12.88	1.76	3.79	3.00	0.96	11.08	5.27												
4	6.39	2.15	4.49	4.22	4.49	11.64	1.91	3.73	2.56	0.90	8.13	4.24												
5	7.47	2.22	2.15	3.73	4.38	13.95	2.65	3.98	2.32	0.85	8.15	4.38												
6	6.92	3.12	2.02	3.70	4.24	3.68	4.06	7.59	2.35	1.08	6.50	4.02												
7	6.51	3.17	1.93	3.47	3.84	9.42	9.09	5.46	2.17	1.17	6.15	3.47												
8	5.72	1.63	1.93	3.12	3.70	4.62	6.69	4.71	1.89	1.23	5.35	3.24												
9	4.25	2.39	1.76	2.92	3.64	7.79	3.43	4.31	1.85	1.15	5.04	9.34												
10	4.25	2.76	1.55	2.76	6.75	6.41	2.88	3.86	1.65	1.15	4.76	13.05												
11	7.59	2.64	1.44	2.76	6.09	4.87	7.08	3.39	1.91	1.02	3.86	8.37												
12	2.35	2.52	1.29	2.45	4.68	4.15	2.88	2.72	1.44	0.96	3.47	5.67												
13	2.48	2.47	1.29	2.76	3.88	3.84	10.79	2.32	1.44	0.96	3.47	3.29												
14	3.29	2.27	1.29	2.25	3.62	3.52	11.30	2.15	1.44	0.93	3.47	3.29												
15	3.70	2.22	1.80	2.37	3.16	3.47	4.24	1.71	1.44	2.70	4.54	3.39												
16	4.34	2.14	1.52	1.93	2.76	3.47	3.43	1.59	1.36	5.43	5.92	3.00												
17	4.24	1.96	1.29	1.93	2.45	3.28	3.00	1.76	1.36	9.91	7.55	2.68												
18	4.70	1.76	1.21	1.72	2.42	3.00	2.68	1.76	1.24	9.09	6.39	2.68												
19	3.47	1.85	1.14	1.68	2.17	3.00	2.68	1.76	1.17	7.00	21.68	2.82												
20	3.44	1.76	1.39	1.59	3.31	2.94	8.93	1.62	1.15	6.75	11.29	2.76												
21	3.45	1.61	1.09	1.59	3.47	2.76	15.70	1.46	1.15	5.25	19.27	2.35												
22	3.84	1.60	1.25	1.83	5.45	6.25	8.85	1.44	1.13	6.65	28.26	2.32												
23	3.28	1.17	1.44	1.98	5.24	1.74	8.01	1.44	1.02	3.97	24.10	2.22												
24	1.39	1.95	1.44	2.02	5.52	5.95	6.79	2.59	0.96	3.23	21.68	2.22												
25	2.66	1.19	1.44	2.02	6.67	4.45	5.67	3.36	0.96	2.43	13.38	2.32												
26	1.36	1.79	1.12	2.12	10.18	7.48	4.71	12.45	1.31	1.85	10.03	2.42												
27	1.59	1.39	1.42	2.42	12.32	5.67	3.97	7.24	1.21	3.97	5.35	2.27												
28	1.44	1.79	1.02	2.82	11.25	4.79	3.00	5.57	1.15	5.14	3.72	2.12												
29	1.39	0.92	0.92	2.88	11.98	1.83	5.03	4.87	1.89	5.15	4.74	2.12												
30	1.29	0.90	0.90	2.88	14.03	2.49	3.46	8.22	1.09	4.71	2.44	2.02												
31	1.35	0.90	0.90		16.26		2.88	6.32		4.94		1.93												
TOTAL	134.42	56.33	44.83	92.76	186.42	195.59	157.35	119.11	68.89	100.42	265.81	121.25												
AVERAGE	4.35	2.31	1.45	2.74	6.38	6.52	5.06	3.84	1.63	3.24	8.85	3.91												
MAXIMUM	16.21	3.12	4.49	5.41	16.76	13.87	15.70	12.45	3.12	9.91	28.26	13.05												
MINIMUM	1.29	1.09	0.90	1.59	2.17	2.49	1.76	1.44	0.96	0.85	2.44	1.93												

ANNUAL
 TOTAL | AVERAGE | MAXIMUM | MINIMUM
 1514.83 | 4.15 | 28.26 | 0.85

STATION	MALWASA				CATCHMENT AREA				35 KM ²				UNIT : M ³ /SEC				1966-YEAR							
	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.88	0.74	1.15	1.15	1.02	3.85	3.41	3.97	3.70	2.02	1.45	12.92												
2	1.54	3.74	1.35	0.99	0.96	0.90	5.94	3.66	3.58	2.45	1.85	12.56												
3	1.64	0.74	1.59	1.67	0.85	0.30	8.41	3.38	3.12	2.12	2.04	11.19												
4	1.44	0.45	1.67	0.85	0.85	0.34	4.41	4.02	4.08	3.00	4.13	11.91												
5	1.44	1.39	1.99	0.85	0.85	0.34	2.23	6.16	4.79	2.02	3.23	23.78												
6	1.31	0.95	2.42	0.85	0.85	1.09	2.02	5.74	10.79	1.86	3.84	20.64												
7	1.79	0.96	2.32	0.85	0.76	1.34	1.71	5.20	9.24	1.86	3.52	17.00												
8	1.79	0.81	2.31	1.40	1.03	1.69	2.27	9.20	7.79	1.48	2.96	21.43												
9	1.17	0.79	1.93	2.56	1.71	1.51	6.74	6.45	6.45	1.48	3.23	30.28												
10	1.39	0.79	1.76	3.00	1.59	1.36	5.34	4.20	3.98	1.44	3.51	26.01												
11	1.09	0.74	1.60	3.70	1.62	1.31	5.98	3.70	4.06	1.36	3.30	21.68												
12	1.39	0.74	1.51	3.62	1.93	1.29	5.12	3.39	3.62	1.29	3.00	20.98												
13	1.02	0.76	1.44	2.48	2.02	1.34	4.04	3.06	3.47	1.21	4.15	32.14												
14	0.76	0.47	1.31	1.65	2.02	1.32	3.84	3.47	3.47	1.21	4.71	36.22												
15	0.96	1.27	1.21	1.76	1.93	1.17	3.52	3.49	3.12	1.15	4.38	32.72												
16	0.31	1.12	1.15	1.36	1.55	1.02	3.47	3.20	2.82	2.42	4.38	29.40												
17	1.76	1.39	1.15	1.26	1.59	1.16	3.35	3.08	2.72	2.40	4.20	28.80												
18	1.26	0.91	1.31	1.15	0.40	1.44	3.35	2.44	2.47	3.12	3.70	17.04												
19	1.15	0.85	1.76	1.04	1.41	2.09	3.12	1.93	2.42	3.35	4.53	8.81												
20	1.39	0.90	1.68	1.02	1.26	3.00	2.82	6.49	2.22	3.35	10.50	8.03												
21	1.09	0.91	1.55	1.02	1.15	2.46	5.67	10.00	1.98	2.42	9.25	11.19												
22	1.39	0.85	1.33	1.02	1.09	4.21	5.36	11.64	1.71	2.52	8.39	12.93												
23	1.06	0.94	1.09	1.02	1.09	5.20	4.85	8.47	1.63	2.35	7.47	11.19												
24	0.96	0.74	0.96	1.02	0.92	4.24	4.05	8.07	1.59	2.32	5.56	8.92												
25	3.90	0.91	0.96	0.96	0.85	2.92	3.97	6.73	1.46	2.02	5.20	7.00												
26	0.88	1.15	0.96	1.59	0.83	2.42	3.88	5.82	1.34	1.79	4.38	5.98												
27	0.79	1.39	0.96	1.54	0.79	2.05	4.98	5.25	1.26	1.68	11.09	5.67												
28	0.79	1.07	0.96	1.41	0.62	1.32	4.74	5.12	1.21	1.99	12.48	4.38												
29	0.74		1.39	1.17	1.00	1.76	4.18	4.87	1.73	1.49	13.53	3.97												
30	0.74		1.74	1.09	0.90	2.42	3.75	4.31	2.02	1.44	8.57	3.19												
31	0.74		1.68		0.85		4.20	4.04		1.36		3.00												
TOTAL	34.40	25.43	46.34	41.86	36.70	37.08	128.09	157.17	105.15	61.33	160.90	500.99												
AVERAGE	1.11	0.91	1.49	1.46	1.18	1.90	4.13	5.07	3.51	1.97	5.36	16.14												
MAXIMUM	1.80	1.22	2.42	3.70	2.02	5.20	8.41	11.64</																

STATION MALVASA

CATCHMENT AREA

35 KM²

UNIT : MM3/SEC

1979/ 7/18 (WED) 1411140

1967-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.35	1.97	1.11	2.38	1.73	7.58	12.09	11.19	2.67	2.52	4.82	3.24
2	1.95	1.82	1.02	2.60	1.56	6.71	16.67	8.77	2.45	2.56	3.97	2.80
3	1.62	1.68	0.96	2.25	1.51	5.94	19.71	5.88	2.12	2.52	2.72	2.49
4	2.12	1.55	0.96	2.02	1.46	13.14	17.79	8.84	2.12	2.49	2.42	2.88
5	2.97	2.75	0.93	1.85	1.44	18.42	17.56	10.00	1.99	2.35	2.56	2.72
6	2.76	3.70	0.85	1.68	1.44	13.20	-15.74	13.87	1.93	2.19	2.35	2.52
7	2.37	2.61	1.34	1.59	1.46	2.80	8.23	12.97	1.79	2.02	2.22	2.25
8	1.96	2.32	0.96	1.46	2.04	6.38	10.01	11.11	1.65	1.85	2.09	2.02
9	1.48	2.15	1.02	1.63	1.82	5.20	7.71	10.00	1.59	1.85	1.90	1.73
10	1.71	1.95	1.02	1.76	1.73	11.95	6.33	9.06	1.55	1.85	1.88	1.59
11	1.59	1.59	0.96	1.59	2.35	9.34	5.13	8.15	1.49	1.93	1.76	1.93
12	1.56	1.49	1.04	1.96	2.12	7.95	3.84	6.50	1.44	2.02	1.79	1.85
13	1.44	1.31	1.05	1.85	1.82	7.55	6.87	3.12	1.51	1.88	2.40	1.76
14	1.74	1.82	1.02	1.76	1.59	3.75	2.80	4.60	1.51	1.85	4.35	1.65
15	3.16	1.73	1.02	1.76	1.59	7.63	2.52	4.38	1.44	1.76	2.80	1.56
16	2.82	1.44	1.48	1.62	1.49	9.15	2.09	4.11	1.31	1.68	2.22	1.51
17	2.76	1.36	1.71	2.02	1.36	8.92	1.85	6.42	1.26	1.68	1.85	1.51
18	2.76	1.29	1.85	2.76	2.35	2.68	2.68	28.08	1.39	1.56	1.85	1.44
19	2.47	1.21	1.89	3.77	2.76	6.73	3.12	18.59	1.56	1.44	2.00	1.24
20	2.29	1.71	2.32	3.77	2.47	5.72	2.63	16.94	2.41	1.36	5.04	1.21
21	1.97	1.12	2.42	3.70	2.47	6.06	2.32	12.09	2.88	1.29	6.41	1.21
22	2.57	1.60	2.32	4.42	2.29	10.51	2.02	10.00	2.45	1.29	5.36	1.21
23	2.19	1.56	2.42	6.27	2.09	21.33	18.93	18.93	2.45	1.29	5.36	1.21
24	2.02	1.48	2.58	5.35	1.88	27.13	3.60	8.57	2.32	1.29	3.35	1.09
25	2.70	1.32	3.41	4.46	1.76	28.60	7.03	7.85	2.22	1.21	5.19	1.09
26	2.42	1.19	2.46	3.84	3.07	21.21	8.92	6.45	1.76	1.44	6.84	3.97
27	2.09	1.15	1.88	2.96	3.80	18.47	15.43	5.14	1.76	1.65	5.56	3.39
28	1.89	1.15	1.23	2.73	3.51	11.34	19.07	3.12	1.76	1.63	4.75	2.39
29	2.80	3.85	1.93	3.51	12.02	12.02	18.93	2.80	2.09	1.59	4.25	1.94
30	2.45	4.87	1.82	4.24	13.62	15.39	2.80	2.32	2.84	3.62	1.56	1.56
31	2.35	4.02	3.71	3.71	3.71	12.81	3.29	3.29	3.20	3.20	1.44	1.44
TOTAL	68.78	46.22	59.72	82.06	70.24	381.25	277.61	272.75	56.83	58.00	104.28	62.25
AVERAGE	2.22	1.65	1.80	2.74	2.27	11.38	8.96	8.83	1.89	1.87	3.48	2.01
MAXIMUM	3.16	3.00	4.87	6.42	4.24	23.60	19.71	28.08	2.88	3.20	6.84	2.97
MINIMUM	1.44	1.12	0.85	1.46	1.36	3.75	1.85	2.68	1.26	1.21	1.76	1.09

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1496.09	4.81	28.08	0.85

STATION MALVASA

CATCHMENT AREA

35 KM²

UNIT : MM3/SEC

1979/ 7/18 (WED) 1411140

1968-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.44	1.39	1.11	1.85	3.20	3.39	16.64	17.91	0.95	0.92	1.26	10.00
2	1.39	1.72	1.31	1.73	3.08	4.15	20.37	19.60	0.89	0.82	1.59	8.92
3	1.29	2.06	1.49	1.71	2.84	5.36	24.88	20.28	0.85	0.77	1.93	8.38
4	1.29	2.62	1.44	2.44	2.60	7.63	32.72	20.05	0.92	0.83	1.93	7.71
5	1.71	3.33	1.34	3.16	2.52	8.74	22.74	18.93	0.90	1.23	1.76	6.50
6	1.21	2.45	1.26	3.16	2.42	10.00	21.45	18.37	3.53	3.04	1.44	6.09
7	1.44	2.38	1.11	3.34	2.88	14.33	23.86	17.33	0.96	3.24	1.29	5.41
8	1.39	1.79	1.09	3.00	3.39	14.09	20.28	16.35	0.96	2.92	1.26	4.76
9	1.36	1.57	1.49	2.88	3.64	15.20	19.26	19.22	0.87	2.88	1.44	4.49
10	1.36	1.44	1.44	2.49	4.06	13.53	18.26	14.10	1.45	2.64	1.65	4.06
11	1.29	1.76	1.41	2.32	4.38	12.09	21.45	13.87	1.61	2.52	1.68	3.84
12	1.21	1.33	1.26	2.32	4.38	11.75	23.45	13.33	0.93	2.42	1.74	3.70
13	1.44	1.21	1.13	2.22	4.71	12.47	21.65	13.21	0.94	2.42	1.88	3.39
14	1.39	1.19	1.09	2.02	3.04	15.20	21.21	12.80	0.88	2.29	1.93	3.12
15	1.36	1.15	1.09	2.57	5.20	16.26	20.45	12.32	0.82	2.19	2.05	2.88
16	1.29	1.39	1.39	2.92	5.36	17.68	20.05	2.23	0.96	2.12	2.25	2.52
17	1.29	1.15	1.41	1.22	3.66	17.79	19.76	2.18	0.93	2.09	2.53	2.35
18	1.21	1.17	1.49	3.47	5.56	17.56	19.34	1.50	0.93	2.42	2.64	2.02
19	1.15	1.39	1.71	3.11	5.15	16.64	17.56	3.97	0.94	2.12	2.92	1.85
20	1.09	1.13	2.43	3.31	4.96	15.65	19.71	2.57	0.99	1.42	3.35	1.59
21	1.09	1.09	2.56	3.43	4.87	15.22	19.93	1.34	0.94	1.59	3.58	1.56
22	1.07	1.09	2.39	3.66	4.84	14.65	19.37	0.98	0.90	1.59	4.40	1.51
23	0.96	1.09	2.76	3.75	4.02	13.98	18.26	0.87	1.08	1.59	5.94	1.62
24	1.17	1.15	2.42	3.93	3.70	13.29	17.56	0.86	0.97	1.56	6.50	1.65
25	2.72	1.15	2.15	3.84	3.58	14.48	17.10	0.78	0.99	1.36	8.27	1.51
26	2.29	1.13	1.90	3.70	3.49	18.26	16.52	0.80	1.17	1.26	9.57	1.39
27	1.93	1.09	1.59	3.51	3.29	18.03	16.52	0.84	1.34	1.21	10.00	1.36
28	1.65	1.15	1.85	3.47	3.20	18.08	16.26	0.84	1.34	1.21	10.00	1.29
29	1.41	1.90	1.90	3.35	3.04	17.22	15.61	0.89	1.45	1.21	10.00	1.29
30	1.41	1.85	2.88	2.88	2.88	15.11	1.11	1.11	1.29	1.29	1.21	1.21
TOTAL	42.94	42.76	50.09	89.80	123.40	407.07	602.79	264.36	33.94	57.27	109.86	109.82
AVERAGE	1.39	1.47	1.62	2.99	3.98	13.57	19.44	8.53	1.13	1.85	3.66	3.54
MAXIMUM	2.32	3.00	2.76	3.93	6.09	18.08	24.88	20.28	3.53	3.24	10.00	10.00
MINIMUM	0.96	1.09	1.08	1.71	2.62	3.39	15.11	0.78	0.82	0.77	1.26	1.21

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1934.13	5.28	24.88	0.77

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STATION	CATCHMENT AREA 35 KM*2 UNIT 1 MM3/SEC											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.07	0.92	1.09	1.19	7.97	1.92	6.91	2.17	3.02	2.54	2.60	0.87
2	3.37	1.14	1.08	1.50	10.50	3.02	10.09	2.12	2.42	2.96	2.27	1.03
3	0.37	1.24	1.01	1.92	4.27	5.38	13.43	1.92	2.32	4.42	2.02	1.66
4	0.74	1.53	0.98	2.02	7.70	7.18	10.24	1.82	1.82	4.86	1.92	1.50
5	0.73	1.53	0.48	2.02	6.10	10.50	7.05	1.40	1.40	7.05	2.22	1.24
6	7.68	1.71	0.98	2.27	5.74	7.10	5.53	1.29	1.29	5.47	2.84	1.34
7	3.64	1.37	0.87	2.37	5.04	5.48	5.26	1.34	1.29	3.54	3.88	1.19
8	0.55	1.92	0.87	2.54	4.87	5.48	5.53	1.61	1.24	2.72	4.46	1.08
9	0.59	1.66	0.87	2.54	4.87	6.92	3.64	1.78	1.14	2.22	4.16	1.40
10	0.54	1.56	0.92	2.66	4.09	5.48	2.26	1.87	1.08	1.92	4.09	1.24
11	0.49	1.50	0.78	2.46	3.54	4.23	10.27	2.02	1.08	1.66	3.41	1.14
12	3.68	1.29	0.78	3.15	2.42	3.41	9.15	2.54	1.29	1.61	2.90	0.98
13	0.98	1.29	0.68	3.41	2.12	2.86	8.44	2.54	1.45	1.56	2.54	0.98
14	1.40	1.19	0.59	3.54	2.12	2.22	8.06	2.86	1.56	3.68	2.12	1.08
15	1.92	1.37	0.59	3.81	1.92	1.76	7.58	3.02	1.61	6.72	1.82	0.98
16	7.07	0.98	0.59	4.09	1.76	1.71	6.92	3.41	1.61	8.48	1.66	1.24
17	2.47	0.87	0.78	4.37	1.71	2.12	5.92	3.67	1.45	6.43	2.02	1.45
18	3.02	1.08	0.78	4.54	1.40	2.22	5.03	3.67	1.19	3.75	2.02	1.56
19	3.56	1.19	0.78	4.86	1.40	2.66	5.92	4.02	1.19	2.60	1.71	1.92
20	4.39	1.24	0.98	5.54	1.82	2.90	6.42	4.23	1.08	2.17	2.02	1.66
21	4.21	1.24	0.98	6.10	1.87	3.41	5.40	4.37	1.14	1.97	2.12	1.45
22	4.32	1.14	0.98	7.46	2.02	3.41	4.42	4.95	1.08	2.02	1.97	1.40
23	3.47	1.24	0.87	8.04	2.02	4.23	6.04	5.29	1.19	2.32	2.17	1.34
24	3.22	1.14	0.78	8.27	1.92	4.23	6.92	5.38	1.08	6.41	2.07	1.29
25	7.70	1.14	0.88	8.82	2.17	5.33	5.83	5.65	1.14	8.48	1.92	1.14
26	7.42	1.24	0.98	4.93	2.22	4.60	5.54	5.74	1.45	5.06	1.92	0.87
27	2.02	1.40	1.08	3.29	2.32	10.27	5.30	5.02	1.92	3.68	1.66	1.33
28	1.76	1.50	1.08	2.93	2.37	5.87	4.24	4.64	3.48	4.78	1.24	0.68
29	1.14	1.08	1.08	2.07	1.92	8.55	3.28	3.88	3.75	4.95	1.08	2.48
30	1.24	1.08	1.08	12.35	1.97	8.60	3.02	3.54	2.54	4.32	0.87	0.64
31	0.98	1.08	1.08		1.71		2.66	3.41		3.09		0.89
TOTAL	55.42	37.02	28.06	129.08	107.67	146.55	200.49	101.63	69.50	125.62	69.70	41.05
AVERAGE	1.78	1.22	0.91	4.30	3.47	4.49	6.47	3.28	1.65	4.05	2.32	1.32
MAXIMUM	4.23	1.42	1.09	12.35	10.50	10.50	13.43	5.74	3.75	6.48	4.46	2.33
MINIMUM	0.49	0.37	0.59	1.19	1.40	1.71	2.26	1.29	1.08	1.56	0.87	0.64

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1091.74	2.99	13.43	0.49

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STATION	CATCHMENT AREA 35 KM*2 UNIT 1 MM3/SEC											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0.59	3.40	1.92	1.56	2.37	6.61	3.81	13.82	5.12	6.84	5.22	2.90
2	0.54	3.49	1.81	1.24	2.32	16.83	5.04	8.45	4.02	5.47	7.81	2.54
3	0.49	0.60	4.18	1.14	2.27	15.44	7.02	4.88	3.28	7.60	6.40	2.37
4	0.64	3.71	3.02	1.45	1.97	14.11	7.60	3.22	3.15	6.30	6.42	2.90
5	1.00	1.08	3.34	1.71	1.40	12.11	4.74	3.15	3.03	6.71	6.71	4.23
6	0.71	1.66	7.27	2.02	1.34	11.30	3.28	3.34	3.67	7.12	6.81	4.23
7	1.33	2.27	1.87	2.78	1.24	6.81	2.78	5.92	4.46	7.70	7.58	3.95
8	1.34	1.92	1.66	3.82	1.03	13.92	3.15	6.92	6.95	7.02	8.27	3.41
9	1.50	1.47	1.87	4.70	1.82	10.11	4.68	8.60	7.02	7.70	9.38	2.72
10	1.71	1.56	1.47	7.78	1.96	6.62	6.92	6.01	6.27	5.48	11.27	2.54
11	1.92	5.38	1.50	1.92	3.34	5.36	5.22	6.61	4.26	4.37	9.16	2.32
12	2.77	5.54	3.15	1.97	5.36	3.88	3.48	5.47	6.40	3.41	7.36	2.22
13	3.54	6.54	2.38	2.02	6.82	4.02	3.41	6.30	5.06	3.02	4.10	1.92
14	2.40	3.74	7.27	1.50	7.70	3.54	3.34	5.38	4.95	2.66	6.92	1.92
15	2.17	2.72	1.82	1.45	6.04	2.30	3.41	3.70	3.88	2.48	5.92	1.92
16	1.71	2.47	1.34	2.60	5.38	2.40	2.55	15.03	3.34	2.60	5.12	1.71
17	1.71	1.72	1.14	4.02	5.38	5.83	2.78	9.52	5.20	2.48	5.48	1.61
18	1.45	1.50	1.08	3.78	6.66	13.46	3.15	9.26	4.54	2.48	8.40	1.61
19	1.29	1.56	1.03	3.02	15.34	5.27	3.60	5.96	4.09	2.37	7.46	1.75
20	1.03	1.19	0.62	2.96	9.54	4.73	3.54	3.81	3.48	3.02	6.96	4.14
21	1.56	1.60	0.74	2.74	7.44	5.74	3.15	3.95	3.02	3.22	6.01	5.92
22	1.56	2.72	0.73	2.78	7.16	6.92	2.60	3.08	2.90	2.90	5.54	5.06
23	1.18	3.67	0.68	2.78	4.60	3.26	2.64	2.35	3.88	2.72	4.60	4.23
24	0.92	3.34	2.22	2.54	4.74	6.42	4.02	2.60	4.23	2.48	5.47	3.68
25	0.78	5.30	1.92	2.68	13.01	6.10	7.73	3.22	3.88	2.42	5.47	2.72
26	0.78	6.61	1.66	2.32	11.76	5.45	3.82	4.23	3.02	1.92	5.04	2.54
27	0.64	4.78	1.56	2.02	5.85	5.83	3.02	5.04	3.54	2.42	3.95	2.42
28	0.64	3.10	2.37	2.66	3.81	6.92	3.15	5.92	5.14	3.56	3.68	1.92
29	0.59		2.32	3.34	4.09	4.70	3.02	7.12	5.74	3.74	3.88	1.74
30	0.54		2.12	4.16	4.78	3.48	4.16	5.45	6.82	4.02	3.02	1.61
31	0.43		2.02		5.47		6.12	5.47		3.60		1.61
TOTAL	76.89	75.78	57.65	75.82	176.42	226.64	126.92	182.98	118.34	129.83	148.85	86.18
AVERAGE	1.25	2.71	1.86	2.53	5.63	7.55	4.09	5.90	4.81	4.19	6.30	2.78
MAXIMUM	3.54	6.61	4.18	6.70	15.34	16.43	7.70	15.03	8.27	7.70	11.27	5.92
MINIMUM	0.40	0.40	0.68	1.14	1.03	2.90	2.55	2.35	2.90	1.92	3.02	1.61

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1501.30	4.12	15.83	0.40

STATION MALVASA		CATCHMENT AREA 35 KM ²				UNIT : MM ³ /SEC				1971-YEAR			
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	1.60	1.42	1.76	5.12	1.91	3.42	6.11	1.32	8.57	1.05	5.30	1.85	
2	1.51	1.51	2.02	7.49	1.91	3.12	4.33	3.18	7.86	2.18	6.22	2.80	
3	1.51	1.51	2.13	9.52	2.36	2.70	3.82	5.66	5.12	1.85	11.25	3.26	
4	1.64	1.46	2.14	5.84	2.41	2.97	2.47	6.20	3.32	2.08	9.10	3.43	
5	1.85	1.46	2.75	7.76	2.36	3.26	2.07	6.02	2.75	2.30	9.10	2.24	
6	2.36	1.42	2.97	2.58	2.83	3.14	1.40	6.11	2.36	2.92	5.30	1.96	
7	4.04	1.51	2.46	2.30	5.75	2.92	4.58	2.97	2.13	2.75	3.68	1.96	
8	8.15	1.42	7.37	2.18	3.33	3.32	19.35	11.87	2.64	2.31	6.94	1.76	
9	7.46	1.42	2.13	1.45	2.53	2.10	20.47	8.32	2.69	2.08	2.97	1.34	
10	1.33	1.68	1.85	1.68	3.12	2.52	20.90	8.05	6.53	2.22	5.30	1.51	
11	5.48	2.19	1.89	1.68	3.73	2.41	17.08	6.66	2.02	2.58	5.12	1.34	
12	2.37	2.80	1.26	1.68	4.19	1.34	16.45	5.06	3.48	6.11	4.58	1.42	
13	2.69	2.97	1.17	1.56	8.56	1.68	17.80	2.86	3.63	5.41	4.44	1.38	
14	2.36	3.54	1.12	1.51	7.66	1.34	12.85	3.54	4.58	5.21	7.86	1.22	
15	1.76	4.74	1.22	2.30	4.58	1.38	7.12	3.00	2.46	3.82	6.57	1.64	
16	2.19	1.68	1.11	2.58	3.19	2.10	4.04	2.78	2.30	3.54	5.30	1.17	
17	2.40	3.18	1.34	3.62	2.65	2.52	2.97	2.24	3.20	2.98	2.41	1.38	
18	4.14	2.86	1.55	5.75	2.36	1.30	2.69	2.24	2.80	2.08	1.85	1.76	
19	4.14	2.64	4.26	4.40	2.36	1.56	2.14	3.54	2.13	2.30	3.68	3.26	
20	4.26	2.52	3.40	4.04	2.19	1.51	2.13	3.26	2.75	3.12	6.04	3.62	
21	3.97	2.41	3.40	3.90	1.85	1.34	2.69	3.62	5.48	3.43	2.98	3.58	
22	3.54	2.19	3.04	2.58	2.30	1.72	13.27	2.78	5.12	3.54	4.98	4.58	
23	3.76	1.85	2.86	2.64	2.86	1.51	13.63	4.11	2.86	6.94	6.40	3.68	
24	3.40	1.76	7.36	2.66	2.97	1.51	21.48	4.33	2.30	4.76	3.40	2.36	
25	5.52	1.89	7.69	2.52	2.58	1.42	9.65	2.86	2.52	2.92	1.90	2.41	
26	1.85	1.76	5.75	2.69	2.41	2.52	5.40	2.44	2.52	2.86	3.68	3.54	
27	1.68	1.65	5.44	7.75	3.97	1.72	3.14	4.62	1.85	2.92	4.11	5.52	
28	1.68	1.60	5.43	2.75	5.26	2.75	2.86	6.39	1.51	5.97	6.33	4.02	
29	1.76		5.48	2.46	5.06	6.20	2.90	3.30	1.00	5.21	3.63	1.85	
30	1.55		5.97	2.08	7.29	5.48	3.26	14.72	1.42	7.12	2.52	1.85	
31	1.46		5.21		3.35		1.85	16.32		7.10		1.80	
TOTAL	171.56	60.39	49.62	54.50	169.50	74.44	251.53	162.55	100.20	112.44	149.26	75.49	
AVERAGE	3.15	2.16	2.88	3.28	3.53	2.48	8.11	5.24	3.34	3.63	4.98	2.44	
MAXIMUM	8.35	4.26	5.93	9.52	8.56	3.97	21.48	16.32	6.57	7.12	11.25	5.52	
MINIMUM	1.46	1.42	1.12	1.51	1.85	1.30	1.80	2.24	1.00	1.85	1.85	1.17	

A N N U A L			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1380.53	3.78	21.48	1.00

STATION MALVASA		CATCHMENT AREA 35 KM ²				UNIT : MM ³ /SEC				1972-YEAR			
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	2.36	2.01	4.55	1.86	3.32	1.85	33.44	2.01	2.74	1.54	5.22	11.21	
2	2.08	2.19	2.07	4.56	4.20	1.85	22.73	1.21	4.54	1.54	6.82	12.78	
3	1.40	1.90	2.39	2.93	3.67	1.85	20.46	1.85	3.45	1.09	7.36	2.59	
4	2.30	2.93	1.90	2.13	2.99	1.81	16.08	2.01	4.92	1.09	8.66	1.90	
5	1.76	3.32	1.54	2.01	2.54	2.07	6.32	1.90	4.68	1.09	11.21	1.85	
6	4.43	2.61	1.22	1.76	2.88	3.47	3.39	2.36	3.32	1.54	4.26	2.19	
7	2.42	7.54	1.27	1.85	2.59	2.86	4.45	2.86	2.59	1.34	2.59	2.13	
8	2.31	4.26	1.67	1.56	2.30	4.81	4.33	1.66	2.53	1.18	1.96	2.01	
9	2.16	6.13	1.72	1.22	2.59	2.70	2.93	2.59	5.06	1.04	1.90	2.24	
10	1.76	6.43	1.54	1.76	2.42	2.65	4.65	3.32	3.59	1.04	1.85	2.01	
11	4.23	5.92	1.81	2.13	2.59	2.86	11.78	3.18	3.45	3.13	1.67	2.30	
12	6.49	4.26	1.94	2.47	2.59	2.42	15.42	3.53	2.88	1.18	1.76	2.59	
13	6.49	5.74	1.27	2.82	2.88	3.32	15.94	2.84	2.59	1.72	1.54	2.01	
14	6.93	6.76	1.40	2.36	3.18	2.24	8.25	3.24	2.30	1.85	1.85	2.59	
15	3.72	3.72	1.54	1.90	3.45	2.16	5.43	7.19	2.01	2.01	1.81	1.63	
16	4.13	3.97	1.72	2.59	3.59	1.85	8.96	3.93	1.54	2.13	2.13	1.40	
17	7.04	2.36	1.36	2.88	2.99	1.76	8.66	3.88	1.85	2.59	2.59	1.27	
18	4.13	2.30	1.40	2.08	3.88	1.54	8.96	1.18	1.81	1.85	4.32	1.40	
19	3.59	2.19	1.54	2.99	3.18	1.76	12.78	3.12	2.01	2.01	2.93	1.94	
20	6.49	2.59	1.90	5.14	3.45	2.24	10.11	2.70	2.13	2.42	2.13	2.36	
21	2.14	2.07	2.01	5.22	3.72	1.85	5.80	5.74	2.36	1.90	1.81	3.39	
22	7.76	2.30	3.88	6.18	3.32	1.94	5.06	2.13	2.59	1.22	2.01	4.20	
23	3.32	2.36	8.44	2.36	4.70	2.82	4.79	2.59	2.01	1.54	3.61	2.76	
24	4.43	2.08	9.28	2.65	5.06	4.59	5.80	2.59	2.24	1.90	2.99	1.40	
25	3.99	2.19	4.85	2.65	4.00	3.86	4.60	1.90	2.01	2.19	2.24	1.27	
26	3.20	1.92	2.47	2.36	8.02	3.59	3.32	1.92	2.01	1.85	1.90	1.89	
27	2.30	1.58	2.59	2.59	2.76	3.86	6.27	1.45	2.13	2.19	2.01	1.27	
28	2.53	1.90	2.13	2.42	2.01	3.13	8.55	1.27	2.53	2.59	2.01	1.27	
29	5.64	2.59	2.51	2.88	2.99	16.19	4.66	1.38	2.01	2.59	1.54	1.09	
30	2.49		3.59	2.13	2.53	26.98	5.88	1.27	1.81	2.01	1.49	1.04	
31	2.59		4.56		2.13		2.99	1.54		2.53		1.00	
TOTAL	126.87	94.76	41.45	82.87	106.45	116.59	283.19	85.34	81.41	51.91	96.17	79.76	
AVERAGE	4.04	3.27	2.64	2.76	3.43	3.49	9.14	2.75	2.71	1.74	3.21	2.57	
MAXIMUM	8.13	8.13	9.28	8.18	8.02	26.98	33.44	7.19	5.06	2.59	11.21	12.78	
MINIMUM	1.76	1.58	1.22	1.22	2.01	1.54	2.93	1.27	1.54	1.04	1.49	1.00	

A N N U A L			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1289.12	3.92	33.44	1.00

STATION MALVISA

CATCHMENT AREA

35 KM²

UNIT : MM³/SEC

1973-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.09	0.87	0.79	0.87	1.56	1.45	3.32	6.93	5.55	2.59	3.56	4.72
2	1.13	0.87	0.79	1.39	1.77	1.54	2.19	4.02	3.86	2.01	4.05	5.22
3	1.30	1.11	0.96	1.36	1.58	1.22	5.86	8.13	3.18	2.30	8.32	3.59
4	1.70	0.91	1.27	1.09	1.45	1.27	3.59	10.11	2.88	2.01	2.13	2.59
5	1.04	0.87	1.40	0.91	2.31	1.63	5.22	12.32	2.70	2.36	2.30	2.01
6	1.09	1.03	1.54	0.87	2.13	3.01	8.02	8.02	2.88	3.53	2.42	2.36
7	1.18	1.42	1.97	1.04	2.42	4.33	8.34	16.71	3.18	6.27	2.24	2.31
8	1.00	1.39	2.59	1.34	1.85	3.47	7.91	16.67	2.99	4.55	2.59	3.30
9	1.79	1.13	3.66	1.27	2.09	2.01	11.43	9.07	3.52	2.88	2.01	4.73
10	1.00	1.06	3.09	1.54	1.76	1.92	4.45	3.72	2.99	2.30	2.24	5.06
11	1.34	0.96	2.42	1.43	1.27	1.43	8.13	3.14	2.59	2.24	2.65	5.39
12	1.39	1.23	2.30	1.27	1.76	2.36	6.93	2.42	3.26	1.90	2.99	4.65
13	0.96	0.91	2.31	1.22	2.36	2.65	5.83	2.59	6.21	1.97	2.86	2.99
14	1.96	0.91	1.97	1.22	4.38	2.38	5.22	2.65	10.54	2.13	2.88	2.59
15	0.96	0.91	1.27	1.13	6.45	3.39	3.32	2.99	7.06	2.01	3.93	2.24
16	0.96	0.83	1.31	1.04	7.41	2.99	2.59	3.45	6.49	2.42	3.45	2.01
17	0.91	0.87	1.09	1.54	6.73	3.32	1.85	2.47	7.04	2.01	2.99	1.90
18	1.09	0.83	1.04	2.99	6.35	3.47	1.58	2.24	5.39	2.24	2.59	1.97
19	0.96	0.87	0.87	4.20	6.76	5.14	1.72	1.90	4.56	2.59	2.01	1.54
20	1.00	0.87	0.91	3.04	3.49	5.14	1.54	1.85	4.56	2.30	2.13	1.31
21	0.96	0.79	1.09	2.13	2.93	3.37	4.56	2.13	4.13	2.59	2.01	1.27
22	0.96	0.79	1.13	1.90	2.88	2.59	2.99	4.27	4.99	2.01	2.01	1.76
23	0.91	0.87	1.43	1.76	2.42	2.48	2.59	8.13	5.14	2.30	2.42	1.81
24	3.83	3.83	1.36	1.54	2.36	2.13	2.01	6.27	2.93	2.59	1.27	1.85
25	0.47	0.93	1.16	2.27	1.27	2.01	2.36	5.31	2.42	3.18	1.76	1.76
26	3.74	1.79	1.18	4.92	1.31	1.85	2.94	6.49	2.59	3.86	2.24	1.27
27	0.87	0.79	1.27	6.45	1.54	1.85	3.45	12.38	4.38	3.86	2.88	1.09
28	2.47	0.83	1.18	4.55	1.45	1.58	4.73	15.55	9.07	3.67	2.59	1.54
29	3.83	0.96	0.96	2.59	1.27	1.58	2.93	11.43	6.38	3.32	2.01	1.58
30	0.93	0.96	2.01	1.40	1.40	2.42	3.01	7.36	3.67	3.72	2.53	2.14
31	0.83	0.96			1.85		5.47	7.04		7.02		1.54
TOTAL	30.13	25.75	47.32	61.93	67.20	77.95	140.10	209.80	137.13	90.73	82.06	80.09
AVERAGE	0.97	0.82	1.53	2.06	2.81	2.85	4.52	6.77	4.57	2.93	2.74	2.58
MAXIMUM	1.19	1.61	3.89	8.45	7.91	11.43	16.71	10.54	7.02	6.32	5.39	
MINIMUM	0.74	0.79	0.79	0.87	1.27	1.22	1.54	1.85	2.42	1.90	1.27	1.09

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
1071.77	2.94	16.71	0.74

STATION MALVISA

CATCHMENT AREA

35 KM²

UNIT : MM³/SEC

1974-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.40	2.36	1.54	2.13	2.59	3.32	4.81	9.16	2.01	3.18	7.47	2.30
2	1.27	2.47	1.22	2.47	2.59	3.18	5.73	4.32	2.01	3.66	6.71	2.19
3	1.91	1.59	1.31	2.24	2.24	4.55	4.98	2.83	2.01	3.18	5.64	2.59
4	1.54	7.35	1.27	2.01	2.93	2.19	4.33	3.86	1.85	2.88	2.99	2.47
5	1.27	5.44	1.27	2.01	5.39	2.30	3.93	4.33	2.24	2.13	2.42	2.24
6	1.22	2.99	1.36	2.59	6.45	1.90	2.99	3.66	2.93	2.24	2.65	2.19
7	1.96	2.59	1.76	2.45	6.77	2.59	23.46	3.05	3.72	2.59	2.88	2.59
8	1.22	2.65	2.01	2.99	5.19	1.45	34.81	3.93	3.18	2.65	3.45	2.01
9	1.18	1.79	2.59	2.70	6.56	2.01	15.42	4.56	2.88	2.42	3.32	2.47
10	1.31	7.74	2.99	2.42	3.86	2.13	9.48	4.81	2.42	2.01	4.20	2.70
11	1.22	6.27	3.59	2.82	3.18	2.01	9.32	3.93	3.72	2.01	2.59	2.59
12	1.27	4.73	3.05	2.99	3.45	2.59	9.67	3.45	2.47	2.24	2.01	2.01
13	1.31	3.32	4.23	3.45	2.88	2.73	7.67	2.99	2.01	2.01	2.65	2.01
14	1.54	2.24	4.73	3.66	2.13	3.32	4.67	2.19	2.59	2.42	3.59	2.59
15	1.22	2.59	3.32	2.99	2.68	3.45	5.56	3.66	2.42	2.93	2.88	2.13
16	1.47	2.42	3.39	2.01	3.52	4.47	4.66	2.99	2.36	3.45	2.24	2.19
17	1.58	2.01	2.88	1.85	3.32	5.39	2.24	2.59	2.88	4.26	2.19	2.31
18	2.79	1.97	2.13	2.24	3.18	4.66	2.65	2.47	3.86	5.47	2.47	1.63
19	2.36	2.13	2.42	2.35	2.01	5.14	2.94	2.88	3.18	3.45	2.01	1.40
20	4.97	2.16	2.01	2.01	2.65	4.73	2.65	3.18	2.88	2.88	2.93	1.76
21	6.47	3.52	1.85	2.24	2.24	4.73	2.42	2.42	2.13	2.42	3.45	1.54
22	4.59	2.99	1.92	1.85	2.01	5.47	2.42	2.42	2.59	2.01	3.72	1.54
23	3.25	2.59	1.80	2.71	2.13	4.35	3.32	4.26	2.99	2.59	3.18	1.58
24	3.18	2.31	2.42	4.83	2.88	4.26	4.26	5.14	3.13	2.36	3.66	2.31
25	2.99	1.45	1.85	2.01	3.32	5.22	5.39	4.56	2.59	2.01	2.99	1.27
26	3.66	2.31	2.19	1.97	3.66	5.94	3.86	3.72	2.01	2.19	2.59	1.54
27	2.99	1.47	2.19	1.76	3.13	7.04	3.18	3.66	2.24	2.59	2.13	1.76
28	2.36	1.40	2.24	2.01	2.59	7.47	3.86	3.93	2.01	2.99	2.59	1.90
29	2.19		2.13	2.36	2.30	8.45	5.55	2.88	2.30	3.86	2.01	2.31
30	2.42		2.59	2.59	2.36	10.01	5.39	2.59	1.90	4.33	2.13	2.36
31	2.13		2.01		2.96		10.01	1.85		5.39		3.26
TOTAL	68.04	88.55	73.04	74.92	101.12	126.47	214.27	104.33	77.51	90.80	95.74	65.76
AVERAGE	2.19	3.16	2.36	2.50	3.26	4.22	6.91	3.49	2.58	2.93	3.19	2.12
MAXIMUM	6.47	7.35	4.73	4.83	6.49	10.01	34.81	5.16	3.86	5.47	7.47	3.26
MINIMUM	1.04	1.40	1.22	1.76	2.01	1.45	2.24	1.85	2.01	1.85	2.01	1.27

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
1184.53	3.25	34.81	1.04

STATION MALVISA		CATCHMENT AREA				35 KM002		UNIT 1 4003/SEC				1979-YEAR	
DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	3.36	1.48	4.33	1.40	3.59	3.16	6.24	16.19	6.93	2.93	6.49	1.47	
2	4.89	1.40	4.89	1.18	2.42	3.72	4.51	9.28	4.26	3.26	7.14	9.07	
3	4.56	1.27	5.47	1.56	3.20	2.42	4.56	3.32	3.05	5.47	6.49	7.91	
4	3.88	1.09	4.80	1.56	7.92	2.70	3.32	2.65	2.65	4.05	7.47	6.49	
5	3.18	1.36	4.40	1.27	10.01	3.05	6.60	4.06	2.65	6.60	6.82	6.05	
6	2.88	1.76	2.99	1.56	9.07	6.60	4.33	3.86	2.70	5.06	6.49	6.84	
7	2.24	2.01	2.59	1.27	4.28	7.47	3.05	4.73	2.42	2.42	7.47	5.39	
8	1.81	1.93	2.19	1.76	5.47	4.49	3.45	5.47	3.47	2.24	7.91	4.73	
9	1.43	7.54	2.01	1.76	4.34	4.82	6.05	5.47	5.39	2.93	6.86	3.45	
10	1.58	2.24	2.36	1.58	7.61	3.25	4.73	5.06	3.18	3.93	7.14	5.80	
11	1.27	2.59	2.13	1.27	4.09	7.54	3.05	3.93	2.65	4.40	10.11	7.36	
12	1.27	2.01	1.95	1.56	2.99	4.47	2.59	1.05	2.24	3.19	8.13	5.35	
13	1.40	7.24	1.54	1.27	2.88	5.80	2.24	2.47	2.01	7.47	5.84	4.89	
14	1.18	1.93	1.58	1.36	3.18	6.32	1.93	4.81	7.36	5.80	4.49	3.73	
15	1.27	7.13	1.85	1.27	2.88	6.38	3.05	8.21	6.63	9.17	3.39	2.70	
16	1.39	7.11	2.24	1.18	3.45	11.21	1.93	17.53	12.61	13.71	3.86	3.47	
17	1.09	2.24	2.01	1.27	3.59	7.40	3.32	16.19	5.09	11.43	4.20	3.99	
18	1.09	2.01	2.42	1.63	2.70	4.74	2.65	13.72	2.47	9.49	3.66	5.47	
19	1.09	2.42	2.59	2.36	8.97	7.14	3.61	6.60	2.65	5.22	2.88	9.18	
20	1.09	2.19	2.24	2.70	2.99	4.26	2.99	4.26	2.59	2.93	2.24	8.13	
21	1.09	3.18	1.90	2.88	4.13	4.31	2.76	4.81	3.05	4.92	1.90	6.02	
22	1.09	3.45	2.24	1.76	2.76	4.13	2.01	4.06	2.76	7.40	2.65	6.49	
23	1.09	3.74	2.65	1.68	2.45	4.13	1.90	8.66	2.88	8.02	2.30	7.36	
24	1.09	3.66	2.24	1.56	2.76	16.19	1.93	5.47	4.81	6.49	2.13	7.04	
25	1.39	3.86	2.59	4.20	3.39	11.43	2.24	4.26	3.32	5.39	2.36	5.84	
26	1.09	3.66	2.01	2.01	2.88	5.64	2.76	4.40	4.26	3.32	2.36	5.39	
27	1.09	3.86	2.24	2.88	2.36	6.18	4.81	4.26	5.84	8.13	3.47	6.93	
28	1.09	3.46	1.76	4.33	3.37	7.25	3.05	4.73	3.72	7.36	6.84	7.36	
29	1.18	1.36	3.59	3.59	3.64	5.88	3.45	5.22	2.93	8.96	4.40	7.04	
30	1.19	1.31	6.49	8.02	5.22	5.22	4.59	7.14	2.01	10.22	5.14	5.22	
31	1.09	1.27	1.27	1.27	3.05	3.05	4.40	7.36	9.49	9.49	3.86	3.86	
TOTAL	54.00	68.64	78.14	62.05	144.21	193.93	111.64	204.08	115.62	196.01	157.83	188.02	
AVERAGE	1.74	2.45	2.52	2.07	4.65	6.46	3.60	6.58	3.85	6.32	5.26	6.07	
MAXIMUM	4.89	7.54	7.47	6.49	10.01	16.19	8.26	17.53	12.61	13.71	10.11	9.18	
MINIMUM	1.09	1.09	1.27	1.18	2.36	2.42	1.90	2.42	2.01	2.24	1.90	2.70	

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1574.19	4.31	17.53	1.09

STATION MALVISA		CATCHMENT AREA				35 KM002		UNIT 1 4003/SEC				1976-YEAR	
DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	2.58	2.21	1.89	2.12	3.34	2.63	3.47	3.87	5.27	5.68	2.67	2.58	
2	1.49	1.49	2.21	2.17	3.78	4.49	4.05	3.31	5.45	5.48	4.96	2.47	
3	2.21	2.13	2.35	2.40	4.12	4.36	8.22	2.72	4.28	4.35	4.28	2.17	
4	1.48	1.40	1.49	2.08	4.96	3.59	2.97	2.43	2.67	4.28	5.54	2.26	
5	2.55	1.57	1.77	1.89	4.66	1.93	2.40	4.12	7.21	2.97	3.47	2.21	
6	2.40	1.77	2.26	2.21	4.88	2.71	4.76	4.12	2.08	2.58	2.84	1.98	
7	2.97	7.73	2.35	1.77	3.84	4.28	10.84	3.47	1.80	1.98	2.97	2.21	
8	2.35	3.46	1.89	1.44	4.96	5.35	15.04	4.51	1.80	2.03	2.97	2.40	
9	1.40	2.97	1.40	1.30	7.63	8.07	17.05	4.89	1.89	2.17	3.09	3.47	
10	1.89	2.44	1.77	1.54	5.06	11.74	13.43	4.66	1.94	2.21	3.66	5.84	
11	1.83	2.96	1.77	3.13	13.44	9.14	15.44	4.94	1.89	2.17	2.67	4.41	
12	1.83	2.63	1.73	3.13	16.74	5.80	15.96	7.35	2.12	1.89	2.97	2.17	
13	2.63	2.61	1.47	4.49	11.74	3.73	17.54	7.16	2.40	1.40	3.09	1.58	
14	1.77	2.22	1.44	7.67	4.15	2.40	13.83	5.68	3.04	1.49	4.12	1.73	
15	1.57	3.22	1.54	4.96	7.36	2.08	11.26	11.18	2.84	2.17	3.91	1.87	
16	1.70	2.58	1.60	5.30	4.66	2.35	9.04	5.62	2.35	1.89	4.35	1.77	
17	2.98	2.21	1.54	6.53	3.34	2.21	5.37	6.96	2.01	2.08	3.28	1.43	
18	1.77	2.40	1.57	7.41	3.78	2.67	14.11	9.10	1.80	1.40	2.58	1.73	
19	1.70	2.01	1.34	4.33	3.28	3.09	28.76	6.79	2.63	1.94	2.17	1.58	
20	1.89	2.08	1.44	7.53	3.22	11.54	19.86	0.66	4.28	1.89	2.21	1.28	
21	2.40	2.21	1.44	7.12	2.38	14.17	7.11	7.50	4.94	1.95	2.17	1.58	
22	2.08	7.35	1.71	9.04	7.08	9.89	8.84	5.04	5.87	1.80	2.35	1.77	
23	1.98	1.99	2.40	5.35	2.35	7.72	7.53	2.67	8.20	1.89	2.21	1.73	
24	2.21	1.77	2.97	4.66	2.26	6.58	5.27	2.54	3.36	1.98	2.12	1.48	
25	2.40	2.01	4.58	4.28	2.35	5.68	4.43	2.21	0.85	2.40	2.21	1.28	
26	2.97	1.89	4.28	2.67	2.21	5.35	2.97	2.21	6.40	2.92	1.89	1.33	
27	2.53	2.38	3.47	3.09	1.89	4.64	4.94	3.17	6.49	3.72	2.21	1.44	
28	2.21	1.60	1.09	2.97	1.89	4.28	5.35	5.45	6.04	3.47	2.35	1.24	
29	2.48	2.78	2.67	3.53	2.03	3.47	4.15	3.98	5.35	2.40	2.21	1.16	
30	2.47	2.35	3.09	1.89	3.28	3.91	3.91	5.87	4.43	2.54	2.08	0.81	
31	2.21	2.21	2.21	1.86	1.86	1.86	4.28	5.12	2.21	2.21	0.73	0.73	
TOTAL	66.97	65.97	66.81	112.73	144.53	165.09	100.02	150.02	107.27	80.73	89.60	61.97	
AVERAGE	2.16	2.27	2.16	3.92	4.66	5.53	9.68	4.84	3.58	2.60	2.99	2.00	
MAXIMUM	2.97	3.84	4.58	8.53	16.78	16.17	24.76	11.18	8.20	5.48	5.54	5.68	
MINIMUM	1.57	1.40	1.34	1.30	1.86	2.08	2.40	0.66	0.85	1.40	1.89	0.73	

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
1416.71	3.87	28.76	0.66

1979/ 7/18 (WED) 14:11:40

STATION PTE CASSETTE CATCHMENT AREA 36 K002 UNIT 1 M003/SEC 1962-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	0.99	1.19	1.01	0.95	1.86	1.55	0.47	0.47	0.45	0.83	1.11	2.56
2	1.24	1.33	0.36	0.82	2.14	1.46	0.76	0.96	0.43	0.72	0.85	2.12
3	0.98	1.14	0.85	0.95	2.31	1.67	0.78	0.97	0.42	0.78	1.24	2.05
4	0.73	1.15	0.85	1.41	1.96	2.58	0.96	1.95	0.43	0.94	0.96	1.63
5	1.34	1.39	1.05	1.17	1.46	2.58	0.96	1.43	0.92	0.66	1.38	1.25
6	1.25	1.26	1.11	1.14	1.11	1.47	1.03	0.99	0.57	0.52	1.21	1.17
7	1.07	1.42	1.58	1.10	0.83	1.90	1.24	0.70	0.53	0.83	1.01	1.14
8	1.13	1.53	1.52	1.27	0.78	2.03	0.96	0.66	0.52	0.59	0.98	1.07
9	1.34	1.48	1.57	1.10	0.83	1.70	0.83	0.72	0.45	0.85	1.08	1.08
10	1.16	1.43	2.21	1.07	0.96	1.74	0.70	0.70	0.42	1.14	1.29	1.14
11	1.30	1.64	1.97	0.94	0.96	1.93	0.76	0.64	0.43	1.29	1.14	2.02
12	1.21	1.64	1.74	0.89	0.83	1.70	0.73	0.66	0.40	1.38	1.06	4.12
13	1.13	1.69	1.43	0.83	0.81	1.74	0.72	0.66	0.42	1.40	1.11	4.26
14	1.27	1.72	1.24	0.82	1.16	1.74	0.92	0.85	0.42	1.16	1.08	3.63
15	1.67	1.59	1.14	0.87	1.35	1.74	0.92	0.67	0.42	1.08	1.74	4.43
16	1.14	1.62	1.11	0.76	1.46	1.67	0.81	0.86	0.48	1.06	3.43	4.14
17	1.03	1.34	1.05	0.80	1.46	1.61	0.76	0.70	0.35	1.01	2.39	4.49
18	1.05	1.34	1.09	0.77	1.43	1.55	0.68	0.87	0.35	1.01	2.50	4.96
19	1.99	1.41	1.29	1.13	1.44	1.43	0.66	0.72	0.35	0.89	1.90	4.72
20	0.92	1.24	1.21	1.12	1.67	1.32	0.70	0.61	0.70	1.16	2.00	3.44
21	1.14	1.14	1.32	1.00	1.74	1.19	0.96	0.59	0.70	1.01	2.07	2.74
22	1.91	1.05	1.61	0.85	1.38	1.06	0.85	0.35	0.61	1.06	1.96	3.73
23	2.27	0.97	1.80	0.76	1.27	1.35	0.68	0.48	0.63	0.89	1.38	3.29
24	1.65	0.96	2.17	1.16	1.38	1.29	1.16	0.47	0.52	0.78	1.43	2.26
25	1.32	0.96	2.01	1.03	1.36	1.21	1.16	0.48	0.48	0.72	2.17	2.15
26	1.17	0.35	1.96	1.37	1.38	1.33	1.08	0.47	0.47	0.83	2.72	3.92
27	1.08	0.36	1.93	1.14	1.62	1.32	0.83	0.32	0.61	0.83	2.00	2.45
28	1.13	1.15	1.83	1.37	3.02	1.43	0.70	0.59	0.45	0.81	1.64	1.88
29	0.98	1.58	1.85	1.85	1.93	1.38	0.61	0.57	0.63	0.96	1.80	1.82
30	0.35	1.52	1.72	1.72	1.67	0.99	0.83	0.52	0.64	0.89	1.55	1.46
31	0.89	1.32	1.72	1.72	1.58	1.24	0.63	0.63	0.63	0.83	1.10	1.10
TOTAL	36.34	36.02	44.81	32.40	45.21	48.10	26.88	22.76	15.80	28.93	46.14	82.22
AVERAGE	1.17	1.19	1.45	1.08	1.46	1.50	0.87	0.73	0.51	0.93	1.60	2.65
MAXIMUM	2.27	1.72	2.21	1.85	3.02	2.58	1.24	1.95	0.92	1.40	3.43	4.96
MINIMUM	0.99	0.85	0.85	0.76	0.78	0.99	0.61	0.43	0.40	0.32	0.85	1.07

ANNUAL
 TOTAL AVERAGE MAXIMUM MINIMUM
 467.61 1.28 4.96 0.40

1979/ 7/18 (WED) 14:11:40

STATION PTE CASSETTE CATCHMENT AREA 36 K002 UNIT 1 M003/SEC 1963-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.26	1.32	1.52	1.67	1.96	1.07	1.10	1.02	0.42	0.48	1.91	1.39
2	1.21	1.58	1.39	1.52	2.29	1.06	1.12	1.08	0.44	0.42	2.22	1.44
3	1.26	1.61	1.48	2.32	2.31	1.36	1.13	0.88	0.44	0.36	2.66	1.46
4	1.10	2.07	1.26	3.26	1.91	1.06	0.99	0.78	0.42	0.34	2.78	1.82
5	1.21	2.35	1.13	2.68	2.01	1.01	0.90	0.70	0.42	0.33	2.61	2.02
6	1.14	2.03	1.03	2.88	2.26	0.98	0.90	0.76	0.42	0.33	2.30	1.57
7	1.26	1.77	1.78	2.64	2.16	1.13	0.84	0.60	0.42	0.34	2.07	1.39
8	1.17	1.86	1.57	2.17	2.53	0.99	0.79	1.76	0.31	0.32	2.19	1.69
9	1.25	1.67	1.83	2.04	2.87	1.00	0.78	1.03	0.39	0.35	1.46	1.61
10	1.10	1.90	1.56	2.24	3.15	1.17	0.78	0.74	0.33	0.32	1.32	1.68
11	1.13	2.47	1.42	2.27	3.65	1.56	1.30	0.63	0.61	0.32	4.22	1.46
12	1.21	2.50	2.15	2.19	3.13	1.72	1.10	0.64	0.68	0.49	3.76	1.30
13	1.16	2.31	1.96	2.55	2.76	1.75	1.02	0.70	0.67	0.48	2.15	1.41
14	1.17	1.80	1.36	2.33	2.53	3.50	0.86	0.71	0.69	0.62	2.85	1.33
15	1.20	1.74	1.81	2.33	3.04	2.16	0.90	0.66	0.61	0.32	2.01	1.31
16	1.26	1.64	1.67	2.53	2.55	1.73	0.77	1.00	0.38	0.48	1.86	1.20
17	1.00	1.49	1.50	1.94	2.16	1.53	0.78	1.40	0.33	0.43	1.79	1.46
18	1.32	2.67	1.47	1.83	2.37	1.61	0.76	1.49	0.37	0.40	2.33	1.61
19	1.08	3.21	1.50	1.81	2.18	1.46	0.72	0.91	0.39	0.36	1.78	1.39
20	1.15	2.81	1.40	3.54	1.81	1.44	0.66	0.72	0.40	0.39	1.30	1.39
21	1.23	2.17	1.29	2.92	1.68	1.22	0.67	0.65	0.36	0.43	1.53	1.26
22	1.21	2.73	1.24	2.26	1.60	1.05	0.73	0.60	0.37	0.31	1.82	1.13
23	1.13	2.77	1.29	2.04	1.53	0.95	1.01	0.60	0.47	0.47	3.11	1.14
24	1.37	3.19	1.79	2.10	1.44	0.95	1.17	0.52	0.31	0.80	1.91	1.08
25	1.24	2.73	1.48	2.27	1.45	1.26	1.27	0.51	0.48	0.50	1.97	1.14
26	1.26	2.39	2.01	2.01	1.54	1.10	1.08	0.49	0.38	0.82	1.58	1.83
27	1.68	2.00	1.82	1.58	1.41	0.97	1.14	0.56	0.39	0.82	1.57	1.73
28	1.25	2.00	1.58	1.79	1.32	0.87	0.99	0.59	0.38	1.09	1.46	1.50
29	1.15	1.44	1.89	1.89	1.22	0.85	0.93	0.52	0.47	1.17	1.65	1.63
30	1.19	1.50	1.92	1.92	1.14	1.02	0.88	0.44	0.48	1.24	1.44	1.83
31	1.29	1.42	1.42	1.42	1.09	0.91	0.43	0.43	0.43	1.75	1.10	2.80
TOTAL	37.23	60.67	46.87	67.77	64.39	39.33	28.88	25.26	14.71	18.38	63.41	47.04
AVERAGE	1.20	2.17	1.51	2.26	2.08	1.31	0.93	0.81	0.49	0.59	2.11	1.52
MAXIMUM	1.68	3.23	2.15	3.59	3.65	3.50	1.30	1.76	0.82	1.75	4.22	2.80
MINIMUM	1.00	1.12	1.03	1.52	1.09	0.85	0.66	0.43	0.36	0.32	1.30	1.08

ANNUAL
 TOTAL AVERAGE MAXIMUM MINIMUM
 513.94 1.61 4.22 0.32

STATION	PTE CAPS/TEMPA			CATIONIC AREA			36 KM ⁰⁰²	UNIT : 4003/SEC				1984-YEAR	
STAYP	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	2.55	0.76	1.17	0.62	3.61	1.91	1.57	0.77	0.71	0.79	1.53	1.40	
2	2.53	0.73	1.01	0.56	1.97	1.46	1.46	0.76	0.77	0.81	1.40	2.07	
3	2.35	0.70	1.37	1.54	1.58	1.67	1.21	0.99	0.90	0.76	1.50	1.55	
4	2.06	0.64	0.95	0.74	1.42	3.13	1.97	1.17	1.24	0.71	3.71	1.40	
5	1.93	0.65	0.88	0.97	1.81	2.03	1.67	0.90	0.95	0.75	3.35	1.40	
6	1.68	0.64	0.82	0.70	1.04	3.37	1.20	0.97	0.97	0.76	1.99	1.33	
7	1.57	0.62	0.90	0.64	1.56	2.18	1.05	0.93	0.92	0.68	2.44	1.92	
8	1.45	0.64	0.77	0.87	1.20	2.07	1.13	0.78	1.05	0.79	2.13	1.73	
9	1.39	0.64	0.74	1.81	1.37	1.98	1.24	0.68	0.76	0.71	1.87	1.49	
10	1.27	0.62	0.71	1.30	1.68	1.81	1.48	1.00	0.81	0.56	1.62	1.44	
11	1.20	0.63	0.68	1.10	1.66	1.54	1.46	1.36	0.91	0.63	1.55	1.92	
12	1.21	0.61	0.65	1.01	1.61	1.26	1.17	1.37	0.97	1.39	1.58	2.87	
13	1.41	0.58	0.63	1.45	1.45	1.37	1.17	2.07	0.92	1.18	1.60	1.84	
14	1.35	0.57	0.58	1.54	1.16	1.20	1.22	1.35	0.87	1.39	1.72	1.49	
15	1.31	0.56	0.44	1.64	1.15	1.19	1.05	0.97	0.72	1.77	1.82	1.78	
16	1.19	0.76	0.56	1.60	1.41	1.06	0.99	0.86	0.86	1.65	1.93	1.08	
17	1.25	0.84	0.57	1.53	1.16	2.07	1.16	0.92	0.83	2.31	1.79	1.72	
18	1.04	1.31	0.54	1.39	1.08	2.90	1.38	0.99	0.78	2.11	1.60	2.87	
19	0.97	1.85	0.64	1.26	1.05	1.18	0.98	1.03	0.76	1.58	1.46	1.69	
20	0.91	1.82	0.65	1.53	0.96	1.62	1.05	0.78	0.75	1.39	1.60	1.96	
21	0.88	1.49	0.62	1.21	0.95	3.02	1.01	0.71	0.79	1.38	1.85	1.84	
22	0.85	1.30	0.59	1.12	0.92	1.67	0.99	0.93	0.92	1.26	1.91	1.89	
23	0.84	1.25	0.55	1.32	0.88	1.52	0.90	0.87	0.82	1.18	2.09	3.60	
24	0.84	0.96	0.53	1.52	0.89	1.52	1.01	0.92	0.67	1.03	1.80	1.84	
25	0.91	0.89	0.56	1.46	1.16	1.19	1.06	0.89	0.83	1.03	1.93	3.60	
26	0.91	1.19	0.54	1.44	1.14	1.37	3.92	1.06	0.86	0.96	1.85	3.84	
27	0.81	1.01	0.53	2.75	1.06	1.46	0.86	0.89	0.78	1.15	2.02	3.84	
28	0.81	1.02	0.53	1.63	0.97	1.52	0.90	0.78	0.83	1.27	1.83	3.84	
29	0.79	1.45	0.55	1.82	1.12	1.20	1.08	0.84	0.86	1.30	1.56	3.84	
30	0.37		0.61	3.08	1.67	1.49	1.01	0.79	0.81	2.15	1.41	2.98	
31	0.78		0.86	1.67	1.67		0.84	0.69		1.77		2.28	
TOTAL	40.09	76.49	21.37	42.29	43.26	36.97	35.95	30.02	26.09	37.18	56.42	69.04	
AVERAGE	1.29	0.91	0.69	1.41	1.40	1.90	1.16	0.97	0.87	1.20	1.88	2.23	
MAXIMUM	2.55	1.85	1.17	3.44	3.61	3.42	1.97	2.07	1.26	2.31	3.71	3.84	
MINIMUM	0.73	0.57	0.48	0.54	0.88	1.06	0.84	0.64	0.71	0.56	1.40	1.08	

ANNUAL
 TOTAL AVERAGE MAXIMUM MINIMUM
 485.21 1.33 3.84 0.48

STATION	PTE CAPS/TEMPA			CATIONIC AREA			36 KM ⁰⁰²	UNIT : 4003/SEC				1985-YEAR	
STAYP	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	2.21	1.71	3.73	1.63	1.93	0.94	0.48	0.66	0.42	0.60	1.06	2.78	
2	1.70	1.46	0.61	3.70	1.49	3.92	0.56	0.59	0.39	0.81	0.96	2.36	
3	1.94	1.39	3.81	3.68	1.43	2.66	1.51	0.37	0.87	1.07	2.60	1.96	
4	2.10	1.67	3.81	3.66	1.67	1.05	0.58	0.46	0.72	0.37	0.88	1.96	
5	1.58	1.55	0.86	0.63	1.29	3.83	0.63	0.53	0.61	0.48	0.90	2.35	
6	1.42	1.27	3.82	1.91	1.16	3.71	0.59	0.92	0.59	0.42	0.99	1.95	
7	1.44	1.31	0.93	1.91	1.07	3.76	0.56	0.63	0.44	0.39	1.01	2.62	
8	1.85	1.15	0.49	1.65	1.16	0.78	0.44	0.37	0.54	1.06	2.95	1.92	
9	1.56	1.15	1.99	1.43	1.37	3.77	0.71	0.44	0.40	0.47	1.30	3.13	
10	1.47	1.10	1.04	1.27	1.42	3.64	0.55	0.51	0.36	0.45	1.77	3.49	
11	1.47	1.14	3.77	1.15	1.25	3.77	0.50	0.52	0.40	0.50	1.73	3.99	
12	1.53	1.01	0.43	1.00	3.17	0.89	0.78	0.54	0.36	0.43	1.44	3.71	
13	1.62	1.10	0.74	1.06	2.36	0.71	1.14	0.51	0.35	0.37	1.69	3.97	
14	1.96	1.19	3.41	1.75	2.22	3.64	1.16	0.31	0.35	1.91	1.78	3.04	
15	1.46	0.96	0.76	1.78	1.74	0.59	0.81	0.50	0.32	1.22	1.59	2.37	
16	1.74	0.91	0.72	1.56	1.63	3.58	3.63	3.43	0.32	1.25	2.59	2.35	
17	1.46	0.86	0.65	1.45	1.45	0.66	0.89	0.42	0.29	1.23	1.97	2.38	
18	1.49	0.86	0.32	1.35	1.21	3.77	0.84	0.43	0.28	2.13	1.91	2.06	
19	1.40	0.92	0.35	1.40	1.08	3.66	3.73	3.47	0.34	1.95	2.53	1.97	
20	1.24	0.91	0.77	1.36	1.05	3.50	0.64	0.36	0.32	1.53	3.31	1.91	
21	1.69	0.89	0.40	1.38	1.13	3.52	1.13	0.51	0.38	1.19	3.04	1.94	
22	1.35	0.85	0.50	1.42	0.94	3.85	1.44	0.59	0.34	1.02	2.37	1.78	
23	1.60	0.81	0.71	1.22	0.95	3.87	1.71	0.41	0.35	0.93	3.07	1.57	
24	1.41	0.77	0.67	1.12	1.12	3.77	3.69	3.55	0.38	0.78	3.05	1.37	
25	1.42	3.74	0.66	1.14	0.96	3.89	0.73	0.43	0.48	0.87	3.20	1.90	
26	1.60	0.84	0.66	1.44	1.03	2.72	3.77	3.62	0.51	0.90	2.95	1.71	
27	1.43	3.73	0.87	1.60	1.29	0.66	0.74	0.56	0.50	0.93	3.50	1.87	
28	1.57	0.76	0.74	1.70	1.14	3.64	0.59	0.49	0.44	1.19	3.05	1.53	
29	1.41	0.67	0.67	1.47	1.47	3.54	0.57	0.44	0.91	1.06	3.03	1.49	
30	1.39		3.72	1.82	1.07	0.31	0.70	0.83	0.94	0.92	3.05	1.70	
31	1.89		0.61	1.03	1.03		0.74	0.50		0.95		2.31	
TOTAL	49.97	29.44	23.91	37.66	43.59	22.07	23.79	17.01	13.40	29.19	61.88	73.73	
AVERAGE	1.61	1.35	1.77	1.26	1.41	3.73	0.77	0.55	0.45	0.94	2.06	2.38	
MAXIMUM	2.71	1.70	1.04	1.82	3.17	1.05	1.44	0.92	0.94	2.13	3.50	3.99	
MINIMUM	1.24	0.69	0.61	0.50	0.94	0.51	0.48	0.42	0.28	0.37	0.85	1.49	

ANNUAL
 TOTAL AVERAGE MAXIMUM MINIMUM
 425.81 1.17 3.99 0.28

1979/ 7/18 (MED) 1411140

STATION: PTE CAPRETERA CATCHMENT AREA: 36 KNO2 UNIT: M³/SEC 1968-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	2.64	3.72	3.53	1.19	0.79	1.25	1.73	3.84	0.68	0.56	1.08	3.99
2	7.22	1.65	0.56	0.85	0.89	1.10	1.38	0.86	0.53	0.86	1.22	3.74
3	7.01	0.77	0.60	0.75	0.83	1.16	1.57	0.73	0.50	1.12	1.04	3.66
4	1.67	0.36	0.65	0.64	0.73	1.31	1.24	0.63	0.61	0.90	1.24	5.76
5	1.53	1.31	0.54	0.57	0.73	0.96	1.00	0.65	0.70	1.12	1.41	7.01
6	1.43	1.81	0.56	0.56	0.87	0.97	0.91	0.87	0.61	1.00	1.72	6.23
7	1.79	1.13	1.33	1.32	0.97	1.00	0.89	1.01	0.55	1.02	2.63	5.81
8	1.47	1.91	0.64	0.57	0.99	0.91	1.08	0.74	0.67	0.92	2.42	6.30
9	1.54	0.88	0.97	1.00	0.64	1.42	1.00	1.15	0.57	0.94	1.83	7.91
11	1.41	0.80	1.84	1.70	1.44	0.92	1.16	0.76	1.15	1.12	1.92	6.17
11	1.31	2.86	1.29	0.65	1.66	1.27	1.19	3.63	0.74	1.43	3.29	5.87
17	1.72	1.15	0.97	0.74	1.46	1.17	1.16	0.52	0.62	1.24	2.42	5.45
18	1.40	0.90	0.78	0.44	2.21	0.98	1.02	0.59	0.54	1.43	2.56	6.98
19	1.28	0.81	0.79	0.77	1.50	0.89	1.22	0.65	0.70	1.33	3.14	7.44
19	1.19	0.74	0.65	0.73	1.33	1.07	1.15	1.10	0.69	1.10	3.99	6.49
16	1.19	0.71	0.60	1.24	1.36	1.28	0.95	0.89	0.58	1.00	1.57	8.38
17	1.79	1.69	1.61	1.38	1.25	1.30	0.88	0.67	0.53	1.02	2.99	8.71
18	1.23	0.66	0.63	0.99	1.64	0.98	1.13	0.68	0.54	1.00	3.78	8.26
19	1.13	0.64	0.66	0.99	1.31	1.34	0.91	0.67	0.53	1.04	3.03	8.96
20	1.32	0.62	0.74	1.79	1.16	1.07	0.81	0.59	0.54	0.96	3.03	8.14
21	0.97	0.65	0.77	0.72	1.34	1.14	0.95	1.19	0.51	0.98	2.77	7.81
22	0.96	1.66	0.95	0.81	1.16	1.16	0.92	0.72	0.49	1.14	3.03	7.17
23	0.94	0.59	0.68	1.03	1.77	1.01	0.77	0.70	0.45	1.19	2.53	6.52
24	0.81	0.57	0.60	1.39	1.63	1.27	0.70	0.76	0.53	1.19	2.73	5.60
25	0.86	0.55	0.59	1.53	1.90	1.31	0.81	0.77	0.68	1.43	2.77	5.15
26	0.82	0.54	0.49	1.36	1.57	1.21	0.93	0.64	0.56	1.31	3.14	4.44
27	0.82	1.59	1.04	1.13	1.43	1.24	1.32	0.87	0.45	1.41	1.42	4.14
28	0.97	0.54	1.11	0.95	1.33	1.05	0.89	0.68	0.43	1.38	3.14	3.82
29	0.87		0.91	0.87	1.28	1.04	0.76	0.55	0.40	1.24	5.06	3.61
30	0.86		0.68	0.81	1.25	1.34	0.72	0.54	0.50	1.14	4.49	3.34
31	0.76		0.75		1.25		0.90	0.42		1.06		3.20
TOTAL	39.26	21.30	74.74	26.54	39.86	32.26	31.75	23.42	17.62	34.60	81.59	186.24
AVERAGE	1.27	0.76	0.90	0.64	1.29	1.08	1.02	0.76	0.59	1.12	2.72	6.01
MAXIMUM	2.64	1.25	1.46	1.50	2.21	1.51	1.73	1.19	1.15	1.43	5.06	8.96
MINIMUM	0.76	0.54	0.53	0.52	0.73	0.87	0.70	0.52	0.40	0.56	1.04	3.20

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
559.22	1.53	8.96	0.40

1979/ 7/18 (MED) 1411140

STATION: PTE CAPRETERA CATCHMENT AREA: 36 KNO2 UNIT: M³/SEC 1967-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	3.93	1.71	1.06	1.81	1.11	1.13	1.15	3.94	0.67	0.50	1.68	2.21
2	7.99	1.65	1.59	1.65	1.17	1.55	1.89	1.13	0.57	0.61	1.44	2.04
3	2.77	2.07	1.50	1.73	1.15	1.24	1.98	1.44	0.53	0.62	1.79	1.96
4	2.53	2.35	1.53	1.60	1.38	1.73	1.53	1.38	0.50	0.51	1.44	1.77
5	2.46	2.30	1.39	1.54	1.28	1.10	1.14	1.10	0.51	0.46	1.57	1.82
6	2.16	2.47	1.44	1.33	0.99	1.97	1.23	0.46	0.50	0.43	1.22	1.62
7	2.19	2.61	1.40	1.29	1.04	1.55	1.45	0.98	0.51	0.41	1.20	1.94
8	2.03	2.41	1.76	1.24	1.17	1.41	1.24	1.29	0.47	0.39	1.53	1.82
9	1.95	2.21	1.57	1.18	1.14	1.41	1.05	1.17	0.48	0.52	1.61	1.82
10	1.94	2.19	1.33	1.14	1.39	1.62	0.93	0.86	0.51	1.14	1.39	1.33
11	1.83	2.16	1.41	1.09	1.29	1.44	0.46	0.76	0.51	0.85	1.16	1.50
12	1.80	1.97	2.47	1.38	1.30	1.19	0.99	0.74	0.53	0.74	1.65	1.77
13	1.96	2.12	1.63	1.02	1.57	1.34	0.94	0.57	0.51	0.62	2.76	1.40
14	1.78	1.87	1.40	1.13	2.04	1.28	0.94	0.62	0.54	0.55	2.30	1.28
15	1.89	1.70	1.70	1.38	1.45	1.19	1.37	0.67	0.44	0.52	1.79	1.30
16	1.83	1.41	2.01	1.24	1.42	1.25	1.01	1.21	0.43	0.50	1.69	1.26
17	1.78	1.87	1.35	1.28	1.80	1.23	0.93	1.27	0.44	0.47	1.80	1.44
18	1.72	1.62	2.51	1.39	1.48	1.44	0.86	1.02	0.43	0.51	2.29	1.41
19	1.78	1.48	2.07	1.44	1.35	1.17	0.86	0.63	0.44	0.64	2.63	1.16
20	1.60	1.42	1.83	1.17	1.51	1.37	0.83	0.46	0.49	0.54	4.49	1.21
21	1.59	1.66	1.76	1.06	1.72	1.31	0.89	0.65	0.45	0.63	3.93	1.23
22	1.53	1.40	1.57	1.08	1.61	1.63	0.91	0.94	0.41	0.41	4.31	1.21
23	1.69	1.33	1.51	1.41	1.23	2.04	1.02	0.96	0.40	0.64	2.96	1.26
24	1.69	1.76	1.50	1.41	1.44	2.51	1.04	0.91	0.38	1.02	3.17	1.98
25	1.56	1.88	1.53	1.34	1.18	2.46	0.98	0.82	0.43	0.82	3.62	2.01
26	1.64	2.47	1.39	1.39	1.34	1.40	1.30	0.73	0.40	1.18	5.23	1.79
27	1.53	2.03	1.73	1.46	1.23	1.75	1.45	0.65	0.43	1.13	3.13	2.13
28	1.58	1.87	1.54	1.34	1.40	1.53	1.07	0.59	0.70	1.26	3.66	2.32
29	1.57		3.25	1.41	1.44	1.41	1.08	0.59	0.59	1.23	2.93	1.93
30	1.67		3.13	1.18	1.24	1.14	1.97	0.68	0.64	1.49	2.88	1.98
31	1.78		2.19		1.11		1.29	0.93		1.82		1.88
TOTAL	61.36	56.37	57.40	39.40	42.25	47.63	37.11	28.27	14.90	23.44	73.25	50.49
AVERAGE	1.94	1.88	1.86	1.31	1.36	1.54	1.20	0.91	0.50	0.78	2.44	1.63
MAXIMUM	3.03	2.61	3.25	1.81	2.04	3.10	1.94	1.58	0.70	1.82	5.93	2.32
MINIMUM	1.53	1.42	1.33	1.02	0.99	1.07	0.85	0.59	0.38	0.39	1.16	1.16

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
510.12	1.45	5.93	0.38

STATION OF FAN-2740A

CATCHMENT AREA

38 KM002

UNIT : M003/SEC

1979/ 7/18 (WED) 1411140

1960-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.50	2.18	1.56	0.97	1.61	1.18	1.11	1.23	0.81	0.72	1.29	2.64
2	1.19	2.64	1.53	1.07	1.56	1.22	1.09	1.57	0.73	0.73	1.20	2.36
3	1.10	2.29	2.19	0.96	1.44	1.16	1.13	1.40	0.60	0.68	1.16	2.15
4	1.24	2.18	1.69	0.89	1.33	1.10	1.20	1.32	0.71	0.68	1.15	2.10
5	1.27	2.54	1.46	1.09	1.26	1.04	0.96	0.99	0.62	0.69	1.14	1.89
6	1.15	2.11	1.76	0.87	1.26	2.54	0.90	0.91	0.84	0.89	1.13	1.87
7	1.13	1.91	1.23	1.11	1.73	1.25	0.97	0.85	0.81	0.81	1.13	1.96
8	1.11	1.87	1.17	1.04	1.64	1.72	0.95	0.79	0.75	1.24	1.06	1.62
9	1.08	1.61	1.32	1.70	1.39	1.46	1.09	0.71	0.71	1.44	1.26	1.52
10	1.36	1.57	1.19	2.66	1.10	1.26	2.29	0.65	0.75	1.33	1.43	1.80
11	1.31	1.52	1.27	2.94	1.17	1.14	1.34	0.62	0.61	1.30	1.61	1.87
12	1.17	1.35	1.17	2.57	1.15	1.12	1.01	0.58	0.55	2.18	1.82	1.32
13	1.16	1.26	1.17	1.95	1.12	1.56	0.86	0.59	0.55	1.58	1.90	1.49
14	1.50	1.11	1.19	2.18	1.14	1.15	1.27	0.58	0.55	1.50	1.77	1.36
15	1.06	1.20	1.26	1.96	1.62	1.19	1.41	0.57	0.60	1.30	2.29	1.32
16	0.99	1.16	1.79	2.45	1.52	1.16	1.27	0.62	0.69	1.27	2.08	1.32
17	0.91	1.02	2.16	1.93	1.35	1.12	1.11	0.61	0.59	1.65	2.05	1.22
18	0.87	1.00	1.75	2.25	1.21	1.22	0.99	0.58	0.65	2.24	1.75	1.15
19	0.86	1.36	1.52	1.79	1.17	1.34	1.29	0.55	0.67	3.11	1.95	1.19
20	0.93	1.17	1.44	1.70	1.16	1.11	1.38	0.53	0.70	2.30	2.52	1.18
21	0.76	1.04	1.29	1.61	1.08	1.19	1.34	0.50	0.62	1.90	2.74	1.11
22	0.98	1.34	1.23	1.72	1.06	1.19	1.36	0.50	0.59	1.50	3.50	1.75
23	0.90	1.39	1.16	2.70	1.05	1.53	0.85	0.51	0.66	1.33	3.75	1.66
24	0.73	1.65	1.70	2.34	0.99	1.15	0.74	0.54	0.68	1.29	3.21	1.70
25	1.14	1.28	1.13	1.90	1.01	1.16	0.84	0.62	0.57	1.59	2.76	1.58
26	1.19	1.16	1.11	1.70	1.09	1.13	1.02	0.64	0.55	1.65	2.47	1.59
27	1.11	1.29	1.13	1.96	0.97	1.06	1.46	0.61	0.63	1.79	2.49	1.61
28	0.94	1.24	1.02	1.80	1.08	0.87	2.69	0.61	0.63	2.11	2.34	1.24
29	0.94	1.61	1.02	1.16	1.14	0.94	2.45	0.64	0.73	1.82	2.34	1.20
30	1.05	0.96	1.02	1.26	1.13	1.02	1.02	0.71	0.79	1.68	3.11	1.13
31	1.19	0.92	1.17	1.17	1.17	1.06	1.06	0.75	0.75	1.44	1.44	1.08
TOTAL	35.93	44.97	41.60	52.66	32.60	39.49	42.04	22.92	20.34	45.96	60.38	48.96
AVERAGE	1.15	1.55	1.34	1.70	1.05	1.22	1.36	0.74	0.68	1.48	2.01	1.58
MAXIMUM	1.79	2.64	2.19	2.94	1.64	2.54	3.46	1.57	0.84	3.13	3.75	2.64
MINIMUM	0.86	1.00	0.92	0.87	0.97	0.87	0.74	0.50	0.55	0.68	1.06	1.08

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
493.26	1.35	3.75	0.50

STATION OF CA-4219A

CATCHMENT AREA

38 KM002

UNIT : M003/SEC

1979/ 7/18 (WED) 1411140

1969-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.13	1.36	1.05	0.94	2.26	1.13	1.11	0.65	0.44	0.89	1.71	1.81
2	1.17	1.23	1.02	0.94	2.45	1.14	1.58	0.56	0.47	1.01	2.03	1.68
3	1.00	1.14	1.04	0.85	3.40	1.43	2.22	0.64	0.42	1.55	1.64	1.71
4	0.95	1.24	1.01	0.87	3.73	1.74	1.61	0.61	0.38	1.16	1.64	1.58
5	0.92	1.26	0.98	0.79	2.91	2.32	1.13	0.65	0.36	1.51	1.74	1.79
6	0.70	1.49	0.93	1.74	2.64	1.95	0.94	0.58	0.35	1.18	1.63	1.88
7	0.87	1.37	0.93	2.19	2.26	1.48	0.91	0.53	0.38	1.00	2.32	1.81
8	0.84	1.34	0.90	1.57	2.66	1.33	0.94	0.67	0.35	1.24	2.37	1.88
9	0.81	1.24	0.82	2.08	2.30	1.48	0.84	0.63	0.33	1.18	2.30	2.19
10	0.79	1.35	0.79	1.51	2.53	1.52	0.79	0.94	0.31	0.94	2.10	2.01
11	0.80	1.44	0.90	1.80	1.81	1.52	0.74	0.76	0.32	0.94	1.95	1.74
12	0.83	1.64	1.18	2.13	1.60	1.25	0.88	0.66	0.38	1.07	2.04	2.66
13	0.82	1.43	1.09	1.59	1.74	1.20	0.72	0.56	0.38	1.13	2.13	2.45
14	0.87	1.45	0.98	2.64	1.64	1.35	0.68	0.53	0.35	1.74	2.24	2.08
15	1.36	1.34	0.91	2.24	1.55	1.09	0.61	0.53	0.32	2.19	2.43	1.79
16	1.15	1.93	0.80	2.98	1.48	0.82	0.63	0.55	0.32	2.13	2.17	1.68
17	1.07	1.79	0.84	3.78	1.45	0.83	0.85	0.41	0.34	2.08	1.97	1.63
18	1.15	1.72	0.75	1.68	1.97	0.99	1.14	0.59	0.33	1.55	1.79	1.74
19	1.22	1.71	0.68	2.66	1.40	0.84	1.04	0.53	0.47	1.24	1.88	1.61
20	1.20	1.47	0.64	2.36	1.37	0.91	0.83	0.48	0.53	1.04	1.69	1.58
21	1.23	1.27	0.64	1.94	1.25	0.30	0.74	0.49	0.53	1.60	1.68	2.04
22	1.47	1.24	0.63	1.79	1.18	1.05	0.63	0.41	0.58	1.25	1.58	1.90
23	1.47	1.26	0.67	2.32	1.20	0.99	0.89	0.56	0.44	2.13	1.44	1.81
24	1.64	1.61	0.61	2.01	1.17	0.87	0.74	0.72	0.33	3.34	2.01	1.58
25	2.57	1.43	0.60	2.19	1.17	1.45	0.66	0.79	0.49	2.74	1.68	1.57
26	1.97	1.25	0.68	2.94	1.01	1.69	0.75	0.64	0.61	2.19	2.03	1.43
27	1.81	1.13	0.63	2.13	1.01	1.27	0.90	0.56	0.62	2.32	2.06	1.41
28	2.19	1.07	0.82	1.74	1.19	1.07	1.02	0.55	0.69	2.04	1.89	1.36
29	1.61	1.07	0.87	1.63	1.24	0.96	0.71	0.52	1.33	1.90	1.86	1.30
30	1.36	0.99	0.99	1.83	1.08	0.98	0.63	0.49	0.76	1.71	1.74	1.17
31	1.39	1.07	1.64	1.00	1.00	1.00	0.60	0.45	0.45	1.51	1.51	1.09
TOTAL	38.81	39.31	27.09	61.68	52.44	37.85	26.38	14.02	14.11	49.50	57.74	53.96
AVERAGE	1.25	1.40	0.87	2.06	1.77	1.26	0.92	0.61	0.47	1.60	1.92	1.76
MAXIMUM	2.57	1.73	1.64	3.78	3.90	2.32	2.22	0.94	1.33	3.34	2.43	2.66
MINIMUM	0.79	1.07	0.60	0.87	1.03	0.83	0.60	0.45	0.31	0.89	1.44	1.09

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
482.63	1.32	3.90	0.51

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STATION	PDE CATCHER/A			CATCHMENT AREA			30 KM002	UNIT : MM03/SEC				1970-YEAR	
TYPE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	1.97	1.21	2.36	1.90	1.64	3.46	0.25	0.22	0.26	0.25	0.60	1.38	
2	1.33	1.05	1.17	1.91	1.26	3.43	0.25	0.21	0.23	0.29	0.82	1.36	
3	1.38	1.47	4.65	0.55	1.11	0.46	0.25	0.20	0.21	0.63	0.19	1.31	
4	0.97	1.72	3.31	1.31	0.94	0.43	0.25	0.19	0.21	0.44	0.77	1.36	
5	1.71	2.13	2.09	1.89	0.55	3.49	0.25	0.19	0.19	0.41	2.02	1.36	
6	0.93	1.36	3.05	0.82	1.17	3.41	0.25	0.19	0.19	0.47	1.61	1.25	
7	0.99	1.17	2.51	3.81	0.98	0.35	0.25	0.19	0.17	0.67	1.31	1.39	
8	1.94	1.49	2.36	1.31	1.38	3.36	0.25	0.16	0.18	0.53	1.29	1.22	
9	1.02	1.61	2.15	1.03	0.46	3.36	0.25	0.15	0.20	0.50	1.36	1.13	
10	0.37	1.91	2.04	3.91	0.40	3.16	0.26	0.15	0.17	0.49	1.43	1.09	
11	1.01	1.84	2.41	0.95	0.36	3.35	0.26	0.15	0.15	0.47	1.86	2.24	
12	1.20	1.69	2.51	1.75	0.49	3.35	0.26	0.15	0.15	0.47	1.86	1.29	
13	1.16	1.65	2.43	1.27	0.47	3.31	0.24	0.15	0.15	0.47	1.75	1.13	
14	1.40	1.34	2.17	1.50	0.53	3.36	0.25	0.15	0.15	0.43	1.41	1.09	
15	1.44	1.74	1.92	1.24	0.82	3.36	0.25	0.15	0.15	0.39	1.45	1.07	
16	1.24	1.29	1.77	1.29	0.64	3.31	0.21	0.15	0.15	0.36	1.44	1.09	
17	1.77	1.64	1.97	1.41	1.82	3.33	0.22	0.15	0.15	0.35	1.43	1.02	
18	1.14	1.89	1.47	1.26	0.72	3.37	0.21	0.15	0.15	0.33	1.40	0.98	
19	1.03	1.54	1.40	1.19	1.05	3.31	0.21	0.15	0.17	0.32	1.36	0.93	
20	1.75	2.24	1.33	1.03	0.72	3.29	0.21	0.15	0.37	0.38	1.46	1.18	
21	1.24	2.22	1.24	1.01	0.54	3.29	0.21	0.14	0.34	0.33	1.38	1.05	
22	1.09	1.79	1.20	1.11	0.83	3.29	0.20	0.17	0.28	0.36	1.34	2.27	
23	1.18	1.94	1.14	1.32	0.42	3.31	0.19	0.12	0.27	0.36	1.31	1.18	
24	1.25	1.58	1.17	1.57	0.99	3.34	0.30	0.12	0.24	0.29	1.36	1.25	
25	1.29	2.13	1.29	1.39	0.51	3.27	0.19	0.15	0.22	0.54	1.62	1.20	
26	1.14	2.28	1.17	0.96	0.34	3.29	0.19	0.20	0.20	0.44	1.40	1.20	
27	0.97	2.34	1.18	0.94	0.31	3.29	0.22	0.27	0.20	0.44	1.34	1.18	
28	1.21	2.15	1.16	0.91	0.77	3.29	0.31	2.27	0.58	0.41	1.29	1.29	
29	0.95	1.54	1.17	0.90	0.53	3.27	0.28	1.50	1.48	0.47	1.50	1.14	
30	0.90	1.18	1.18	1.00	0.44	3.27	0.25	0.53	0.27	0.49	1.40	1.11	
31	1.31	1.07	1.07	0.43	0.43	0.25	0.13	0.13	0.13	0.62	1.09	1.09	
TOTAL	34.06	44.40	60.83	31.22	23.42	13.27	8.06	9.31	7.83	13.62	41.98	39.07	
AVERAGE	1.10	1.76	1.96	1.04	0.76	0.44	0.26	0.29	0.26	0.44	1.40	1.24	
MAXIMUM	1.63	2.34	4.65	1.50	1.84	3.46	0.82	2.22	1.48	0.67	2.02	2.27	
MINIMUM	0.39	1.01	1.37	0.91	0.31	3.27	3.19	3.12	0.15	0.25	0.60	0.93	

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
328.77	0.90	4.65	0.12

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STATION	PDE CATCHER/A			CATCHMENT AREA			30 KM002	UNIT : MM03/SEC				1971-YEAR	
TYPE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
1	0.34	1.82	1.45	1.11	0.65	1.08	0.44	0.19	0.12	0.36	1.34	1.14	
2	0.92	1.38	1.56	1.17	0.62	1.34	0.50	0.19	0.12	0.27	1.53	1.20	
3	0.30	1.10	1.78	1.53	0.60	1.33	0.44	0.19	0.12	0.66	1.60	3.00	
4	1.46	1.23	1.30	1.20	0.60	0.77	0.45	0.19	0.13	0.55	1.64	3.65	
5	1.09	1.49	1.11	1.11	0.73	2.74	0.40	0.31	0.23	0.38	1.60	1.20	
6	1.18	1.17	1.09	1.06	1.24	0.44	0.38	0.26	0.14	0.35	1.82	1.08	
7	2.46	1.25	1.04	1.06	1.61	2.93	0.38	0.27	0.47	0.31	1.60	1.09	
8	2.62	1.42	1.42	1.27	0.71	3.36	0.34	0.22	0.30	0.30	1.45	0.97	
9	2.82	1.76	1.03	1.10	0.42	0.80	0.32	0.20	0.52	0.38	1.60	0.94	
10	2.78	1.26	0.94	1.04	0.40	0.62	0.31	0.19	2.84	0.32	1.20	1.00	
11	2.49	0.81	0.90	1.12	0.86	0.76	0.30	0.19	0.36	0.86	2.02	1.02	
12	2.38	1.40	2.92	1.00	0.42	0.72	0.31	0.18	0.23	0.52	1.53	0.94	
13	2.22	1.99	1.52	2.97	0.78	3.87	0.34	0.18	0.20	0.50	1.20	0.88	
14	2.15	1.79	0.84	1.22	0.72	0.70	0.34	0.23	0.17	0.40	1.20	0.84	
15	2.32	1.64	0.82	1.00	0.42	0.67	0.38	0.14	0.17	0.44	2.00	0.84	
16	2.13	1.56	0.76	1.33	1.38	0.64	0.30	0.17	0.14	0.44	1.34	0.78	
17	1.87	2.20	0.74	0.92	0.88	0.75	0.27	0.14	0.17	0.58	2.44	0.78	
18	2.15	2.00	1.18	0.94	0.82	3.40	0.27	0.15	0.26	0.60	1.56	1.08	
19	1.83	2.27	0.90	0.90	0.80	3.60	0.27	0.47	0.17	0.50	1.60	0.93	
20	1.76	2.25	0.94	0.88	0.80	0.66	0.27	0.22	1.68	0.50	1.43	1.09	
21	2.48	2.33	0.83	3.86	0.40	3.58	0.27	0.20	0.52	3.13	1.60	0.90	
22	1.46	2.24	0.74	3.80	1.44	0.56	0.28	0.14	0.28	0.87	1.52	0.90	
23	1.44	2.00	2.30	3.76	2.50	3.54	0.27	0.17	0.23	1.68	1.42	0.93	
24	1.57	1.94	1.58	0.76	1.33	3.50	0.27	0.17	0.22	1.20	1.34	0.97	
25	1.60	1.76	0.94	0.68	1.66	0.48	0.24	0.17	0.20	0.84	1.64	0.84	
26	1.74	1.68	0.95	1.70	1.78	3.44	0.24	0.18	0.19	0.80	1.56	0.80	
27	1.52	1.60	0.84	0.72	1.38	2.44	0.22	0.18	0.22	2.65	1.34	0.78	
28	1.42	1.52	0.82	1.14	1.30	0.62	0.22	0.14	0.19	2.05	1.23	0.76	
29	1.42	1.29	0.78	1.23	0.52	0.22	0.22	0.14	0.44	1.45	1.23	0.74	
30	1.45	1.14	0.68	1.23	0.46	0.19	0.13	0.13	0.40	2.27	1.34	0.80	
31	1.26	1.11	1.11	1.14	1.14	0.19	0.12	0.12	1.56	0.74	0.74	0.74	
TOTAL	57.38	47.05	34.39	24.72	35.67	21.42	9.66	6.16	11.49	27.76	46.50	33.63	
AVERAGE	1.85	1.68	1.11	0.99	1.09	0.71	0.31	0.20	0.38	0.90	1.53	1.08	
MAXIMUM	2.98	2.27	2.98	1.53	2.93	3.98	0.53	0.47	2.84	3.13	2.44	3.65	
MINIMUM	0.90	0.82	0.74	0.68	0.60	3.44	0.19	0.12	0.12	0.27	1.20	0.74	

ANNUAL

TOTAL	AVERAGE	MAXIMUM	MINIMUM
358.83	0.98	3.65	0.12

STATION	PIE CATCHER	CATCHMENT AREA	36 KM ²	UNIT : MM ³ /SEC	1972-YEAR							
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	0.81	1.19	1.63	1.60	0.67	0.31	0.34	0.23	0.29	0.20	0.53	1.16
2	0.79	1.02	0.60	0.34	0.65	0.50	0.33	0.23	0.23	0.18	0.38	0.81
3	0.79	1.70	0.65	0.57	0.65	0.50	0.33	0.23	0.23	0.34	0.53	1.04
4	0.77	0.95	0.62	0.56	0.63	0.50	0.33	0.23	0.21	0.21	0.50	0.88
5	0.74	0.93	0.61	0.53	0.66	0.50	0.33	0.23	0.21	0.19	0.49	0.82
6	0.72	0.91	0.60	0.53	0.62	0.49	0.33	0.23	0.19	0.17	0.39	0.77
7	0.75	0.89	0.64	0.53	0.60	0.47	0.39	0.23	0.19	0.17	0.38	0.75
8	0.86	1.34	0.60	0.53	0.60	0.47	0.36	0.23	0.19	0.17	0.35	0.68
9	0.72	0.93	0.56	0.53	0.59	0.49	0.36	0.23	0.19	0.17	0.33	0.89
10	0.72	1.33	0.53	0.54	0.54	0.74	0.35	0.23	0.19	0.19	0.34	1.13
11	0.68	1.33	0.54	0.71	0.56	0.56	0.35	0.24	0.19	0.46	0.36	0.82
12	1.57	0.93	0.53	0.54	0.56	0.49	0.35	0.21	0.18	0.26	0.57	0.77
13	0.75	0.84	0.50	1.01	0.54	0.46	0.35	0.23	0.17	0.29	0.50	0.72
14	0.75	0.81	0.53	0.59	0.53	0.50	0.35	0.23	0.17	0.34	0.41	0.72
15	0.72	0.77	0.91	0.53	0.53	0.77	0.34	0.24	0.17	0.27	0.44	0.68
16	1.53	0.74	0.56	0.71	0.73	0.56	0.33	0.23	0.22	0.23	0.50	0.85
17	0.86	0.86	0.57	0.56	0.85	0.49	0.33	0.26	0.35	0.20	0.50	0.74
18	0.95	0.75	0.59	0.79	0.70	0.44	0.31	0.60	0.23	0.19	0.46	0.79
19	2.91	0.70	0.53	0.68	0.57	0.41	0.33	0.31	0.21	0.19	0.49	0.74
20	0.95	0.82	0.53	1.39	0.57	0.41	0.33	0.24	0.26	0.17	0.46	0.72
21	0.91	0.72	0.53	2.07	0.54	0.41	0.33	0.24	0.26	0.17	0.46	0.88
22	0.84	0.75	0.67	0.82	1.08	0.41	0.33	0.23	0.21	0.17	0.49	0.67
23	6.74	0.67	0.57	0.70	0.89	0.38	0.33	0.21	0.21	0.17	0.54	0.81
24	1.18	0.65	1.58	0.70	0.67	0.38	0.33	0.20	0.19	0.19	0.47	0.74
25	1.37	0.63	0.75	1.15	0.67	0.35	0.32	0.19	0.17	0.17	0.76	0.82
26	1.02	0.59	0.74	0.74	0.60	0.38	0.31	0.19	0.17	0.15	0.51	0.74
27	3.95	0.59	0.62	0.68	0.59	0.35	0.31	0.19	0.17	0.15	0.53	0.45
28	1.02	0.59	0.74	0.72	0.59	0.35	0.30	0.19	0.17	0.15	0.56	0.43
29	1.90	0.62	0.79	0.70	0.37	0.50	0.29	0.19	0.17	0.31	0.74	0.60
30	1.13	0.70	0.68	0.54	0.54	0.35	0.27	0.30	0.17	0.53	0.72	0.59
31	1.07	0.63	0.63	0.53	0.53	0.26	0.26	0.53	0.63	0.63	0.63	0.59
TOTAL	17.12	24.45	20.67	21.56	21.69	14.15	10.44	7.95	8.18	7.36	14.69	23.80
AVERAGE	1.20	1.56	1.67	1.73	1.70	1.07	0.74	0.56	0.58	0.53	1.13	1.80
MAXIMUM	6.74	1.34	1.58	2.07	1.08	0.77	0.59	0.63	0.35	0.63	0.76	1.16
MINIMUM	0.68	0.59	0.50	0.53	0.53	0.35	0.26	0.19	0.17	0.15	0.33	0.39

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
210.42	0.58	4.74	0.15

STATION	PIE CATCHER	CATCHMENT AREA	36 KM ²	UNIT : MM ³ /SEC	1973-YEAR							
DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	0.36	0.34	0.78	0.77	0.23	0.32	0.51	1.94	0.86	0.77	1.67	1.41
2	0.56	0.33	0.29	0.26	0.23	0.31	0.50	1.11	0.88	0.89	1.49	4.00
3	0.54	0.33	0.40	0.48	0.25	0.37	0.47	1.14	0.81	1.06	1.45	1.70
4	0.53	0.33	0.37	0.79	0.27	0.33	0.49	1.09	0.79	1.53	1.43	1.61
5	0.53	0.33	0.32	0.27	0.26	0.31	0.47	1.02	0.79	1.05	1.45	1.84
6	0.53	0.42	0.31	0.71	0.24	0.31	0.46	1.03	0.81	0.93	1.53	4.21
7	0.51	0.50	0.11	0.34	0.23	0.32	0.44	0.96	0.37	0.89	1.40	1.97
8	0.50	1.95	0.31	0.79	0.23	0.32	0.43	0.99	0.89	0.86	1.34	1.81
9	0.50	0.57	0.72	0.78	0.24	0.31	0.41	0.91	0.81	1.11	1.31	1.72
10	0.49	0.44	0.63	0.27	0.24	0.31	0.41	0.89	0.79	0.88	2.47	2.18
11	0.47	0.41	0.44	0.27	0.23	0.32	0.39	0.88	0.81	0.81	2.68	1.72
12	0.47	0.36	0.36	0.28	0.21	0.41	0.38	0.86	0.77	1.30	1.83	2.19
13	1.31	0.36	0.33	0.27	0.19	0.36	0.38	0.84	0.75	0.95	1.56	1.78
14	0.68	0.35	0.11	0.76	0.20	0.33	0.36	0.37	0.77	0.88	1.90	1.04
15	0.54	0.35	0.31	0.25	0.20	0.32	0.36	0.86	1.13	0.82	1.66	1.59
16	0.51	0.35	0.79	0.25	0.19	0.33	0.41	0.95	1.00	1.57	1.59	1.59
17	0.50	1.33	0.29	0.24	0.27	0.33	0.36	0.81	1.03	1.16	1.53	1.50
18	1.04	0.33	0.27	0.23	0.33	0.38	0.35	0.75	0.99	0.95	1.53	2.15
19	0.67	0.31	0.27	0.21	0.40	0.35	0.35	0.74	0.88	1.36	1.93	1.50
20	0.56	0.31	0.25	0.21	0.44	0.33	0.41	0.72	0.86	1.04	1.61	1.43
21	0.55	0.31	0.25	0.27	0.39	0.43	0.71	1.03	0.87	1.00	1.45	1.40
22	0.71	0.29	0.25	0.27	0.35	0.93	0.43	0.72	0.84	1.00	1.38	1.40
23	0.84	0.30	0.29	0.33	0.35	0.53	0.39	0.60	0.99	1.13	1.36	1.86
24	0.49	0.30	0.29	0.26	0.33	0.39	0.92	0.56	0.86	3.04	2.20	1.45
25	0.46	1.79	0.27	0.27	0.37	0.36	1.46	0.53	0.86	1.44	1.40	1.31
26	0.43	0.29	0.22	0.46	0.31	0.37	0.93	0.53	0.84	1.34	1.60	1.79
27	0.41	0.29	0.27	1.78	0.32	0.59	0.84	1.78	0.41	1.20	1.51	1.29
28	0.41	0.29	0.26	0.25	0.34	0.64	0.75	1.04	0.79	1.37	1.38	1.31
29	0.41	0.25	0.24	0.24	0.31	0.54	0.81	0.93	0.77	1.20	1.72	1.34
30	0.39	0.27	0.23	1.23	0.31	0.51	2.90	0.86	0.74	1.36	1.34	1.45
31	0.36	0.27	0.33	0.27	0.34	0.34	1.18	1.01	0.74	1.27	1.34	1.34
TOTAL	17.07	10.45	10.02	4.30	9.30	12.06	21.46	28.72	29.07	36.16	48.90	54.90
AVERAGE	0.55	0.34	0.32	0.28	0.30	0.42	0.70	0.93	0.97	1.17	1.63	1.77
MAXIMUM	1.31	1.75	0.72	0.48	0.90	0.93	2.90	1.94	4.37	3.04	2.68	4.21
MINIMUM	0.36	0.24	0.25	0.21	0.19	0.31	0.35	0.53	0.74	0.77	1.31	1.29

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
287.51	0.79	4.37	0.19

1979/ 7/16 (WED) 14:11:40

STATION PTE CA-4ET12A CATCHMENT AREA 36 KM002 UNIT 1 M003/SEC 1979-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.46	1.11	1.09	1.28	0.53	3.54	0.21	0.16	0.20	0.59	0.69	2.04
2	1.31	1.70	1.12	2.86	0.51	3.33	0.21	0.17	0.18	0.52	0.69	2.14
3	1.25	1.31	1.00	2.75	0.50	3.30	0.21	0.18	0.16	0.41	0.66	1.70
4	1.20	1.13	0.91	2.72	0.56	3.32	0.21	0.18	0.18	0.42	0.62	1.98
5	1.31	1.17	0.91	3.70	0.53	3.27	0.21	0.17	0.18	0.40	0.71	1.73
6	1.20	3.71	1.63	1.07	0.59	3.26	0.21	0.17	0.16	0.54	0.59	2.60
7	1.11	2.13	0.99	1.52	0.53	3.26	0.20	0.18	0.16	0.48	0.59	1.73
8	1.09	2.30	0.86	0.79	0.53	0.27	0.18	0.19	0.16	0.35	0.57	1.76
9	1.79	1.33	1.65	1.45	0.51	3.32	0.18	0.18	0.18	0.62	0.74	1.35
10	1.77	1.53	0.95	1.01	0.43	3.30	0.16	0.24	0.24	0.36	0.76	1.43
11	1.27	1.38	0.87	0.72	0.38	3.30	0.18	0.18	0.37	0.35	0.50	1.40
12	1.24	1.16	2.45	0.68	0.36	3.30	0.18	0.16	0.18	0.34	1.46	1.37
13	1.27	1.40	1.11	0.67	0.35	0.29	0.19	0.29	0.16	0.33	1.27	1.27
14	1.39	1.36	5.50	0.67	0.35	3.28	0.18	0.35	0.20	0.66	1.16	1.24
15	1.09	1.74	1.53	1.65	0.35	3.29	0.28	0.24	0.17	1.25	1.79	1.19
16	1.11	1.41	1.87	0.63	0.35	0.36	0.24	0.17	0.16	0.64	1.55	2.60
17	1.77	0.70	1.40	0.62	0.38	0.29	0.21	0.16	0.16	0.59	1.43	1.92
18	1.40	2.31	1.36	2.60	0.39	0.27	1.07	0.16	0.18	0.64	1.61	1.30
19	1.40	1.43	1.40	0.97	0.35	3.27	0.24	0.16	0.28	0.57	1.49	1.19
20	1.36	1.14	1.31	2.54	0.38	3.27	0.23	0.32	0.27	0.50	1.58	1.19
21	1.27	1.29	0.62	0.53	0.39	3.26	0.56	0.24	0.20	0.50	0.75	1.14
22	1.27	1.27	0.66	0.50	0.39	0.27	0.33	0.24	0.16	0.45	2.00	1.09
23	1.27	1.25	1.16	0.50	0.57	0.24	0.27	0.43	0.16	0.59	1.79	1.01
24	1.22	1.20	1.09	2.47	1.59	0.24	0.24	0.51	0.16	2.30	1.70	0.96
25	1.25	1.13	1.07	2.47	0.46	3.24	0.21	0.46	1.19	0.63	0.61	0.96
26	1.93	1.09	1.02	0.47	0.39	0.26	0.21	0.37	0.29	1.01	2.13	1.19
27	1.77	1.34	0.82	0.54	0.36	3.24	0.21	0.16	0.29	1.04	1.94	1.24
28	1.18	1.09	0.88	1.59	0.35	0.23	0.15	0.16	0.27	0.74	1.83	1.09
29	1.16		0.66	0.91	0.33	0.23	0.20	0.16	0.24	0.64	1.79	0.96
30	1.13		0.82	0.50	0.29	3.22	0.20	0.23	0.24	0.69	1.67	1.22
31	1.09		0.81		0.25		0.17	0.22		0.71		1.28
TOTAL	79.11	40.70	39.73	23.76	14.23	8.54	7.75	7.18	7.11	20.13	36.67	45.51
AVERAGE	1.26	1.44	1.28	0.79	0.46	0.28	0.25	0.23	0.24	0.65	1.22	1.47
MAXIMUM	1.93	3.21	5.50	3.52	1.59	0.54	1.00	0.51	1.19	2.30	2.13	2.40
MINIMUM	1.04	0.73	0.62	0.47	0.25	0.22	0.17	0.16	0.16	0.33	0.50	0.96

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
249.32	0.79	5.50	0.16

1979/ 7/16 (WED) 14:11:40

STATION PTE CA-4ET12A CATCHMENT AREA 36 KM002 UNIT 2 M003/SEC 1979-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	1.17	0.64	0.93	3.62	0.56	1.09	0.59	0.40	0.38	0.33	0.83	2.58
2	1.32	0.91	1.36	2.47	1.46	1.04	0.52	0.40	0.35	0.30	0.74	3.18
3	1.40	0.93	1.01	0.71	1.55	0.86	0.62	0.39	0.33	0.30	0.71	2.88
4	1.11	1.96	1.17	2.59	0.66	2.63	0.59	0.39	0.33	0.38	0.83	2.95
5	1.36	1.17	1.01	1.54	3.02	3.78	0.81	0.40	0.33	0.34	0.86	2.36
6	1.01	1.76	0.98	0.78	2.19	1.24	0.71	0.34	0.30	0.33	0.93	2.52
7	0.93	1.22	1.01	0.62	1.50	3.96	3.64	0.37	0.28	0.30	1.25	5.53
8	0.98	1.91	1.06	0.50	1.32	0.63	1.94	0.38	0.30	0.39	0.96	2.84
9	0.91	1.24	1.04	2.64	1.14	0.76	0.81	0.36	0.36	0.30	0.98	2.49
10	0.88	1.14	1.01	1.51	1.22	3.69	0.62	0.35	0.38	0.30	2.54	2.36
11	0.83	1.09	0.98	0.74	1.14	0.69	1.42	0.35	0.35	0.33	1.54	2.13
12	0.83	1.09	0.91	0.50	1.17	3.69	0.66	0.33	0.32	0.39	1.82	2.03
13	0.74	1.19	0.91	1.42	1.14	0.69	2.09	0.33	0.30	0.34	1.55	1.97
14	0.74	1.09	1.06	0.45	1.24	3.64	0.78	0.33	0.29	0.39	1.43	1.88
15	0.69	1.26	1.09	0.45	1.17	3.64	2.44	0.34	0.29	0.56	1.85	1.91
16	0.78	1.09	1.50	3.42	1.22	0.59	0.62	0.33	0.28	0.79	1.52	1.97
17	2.17	1.01	1.06	2.76	1.17	3.59	0.59	0.30	0.28	0.52	1.91	1.88
18	1.11	1.14	0.91	0.54	1.19	3.59	0.57	0.28	0.29	0.38	2.88	1.82
19	0.76	1.06	0.88	0.42	1.17	0.57	0.52	0.28	0.47	0.38	1.76	1.67
20	0.69	1.17	0.83	0.40	1.06	3.54	0.50	0.45	0.94	0.38	1.76	1.73
21	0.64	1.09	0.81	0.36	1.04	3.54	0.50	0.35	0.60	1.09	1.76	1.82
22	0.64	1.17	0.76	0.38	1.22	0.57	0.50	0.37	0.35	0.40	1.82	1.85
23	0.91	1.58	0.74	0.35	1.06	3.59	0.45	0.30	0.42	0.35	2.84	1.70
24	0.71	2.93	0.71	0.35	1.06	0.59	0.45	0.48	0.50	0.35	3.56	2.06
25	0.91	1.04	0.76	0.59	1.06	3.59	0.45	0.36	0.39	0.42	1.79	1.97
26	0.83	1.14	0.71	0.57	1.09	0.59	0.45	0.40	0.62	0.50	1.59	2.32
27	0.76	0.96	0.64	0.79	0.94	3.50	0.42	0.35	0.40	0.52	2.16	4.09
28	0.71	0.93	0.62	2.39	0.91	3.45	0.42	0.38	0.38	0.64	2.26	2.45
29	0.66		0.69	0.83	0.88	0.54	0.40	0.37	0.35	0.76	3.14	4.73
30	0.64		0.59	0.66	0.86	3.50	0.43	0.69	0.33	0.59	2.78	2.72
31	0.64		0.59		1.30		0.43	0.42		2.29		2.02
TOTAL	30.21	34.66	28.33	19.47	38.01	22.77	22.88	12.13	11.49	15.64	52.30	76.61
AVERAGE	0.97	1.24	0.91	0.65	1.23	0.76	0.74	0.39	0.38	0.50	1.74	2.47
MAXIMUM	3.17	2.93	1.50	3.02	1.24	2.44	0.72	0.94	2.29	3.56	5.53	5.53
MINIMUM	0.64	0.64	0.59	0.35	0.59	0.45	0.40	0.28	0.28	0.30	0.71	1.67

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
364.50	1.00	5.53	0.28

STATION	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	3.21	0.35	0.04	2.08	1.51	2.67	0.44	0.23	0.75	0.13	0.49	0.83
2	3.89	2.70	0.98	2.90	1.48	3.64	0.44	3.34	0.45	0.19	0.31	0.98
3	2.17	1.76	1.24	1.95	1.67	3.67	0.67	0.35	0.12	0.42	0.70	1.30
4	1.14	7.74	0.91	1.05	1.65	2.49	0.40	0.35	0.10	0.39	0.59	1.45
5	2.26	1.19	1.57	1.75	1.65	0.54	0.40	0.17	0.13	0.32	0.55	1.34
6	2.42	0.94	2.04	1.69	1.39	0.54	0.40	0.37	0.20	0.25	0.91	1.57
7	2.10	1.07	2.10	1.66	1.33	0.51	0.40	0.27	0.17	0.51	0.45	1.45
8	2.19	1.64	1.49	1.63	1.24	0.51	0.37	0.47	0.16	0.34	0.46	1.48
9	2.20	0.75	2.46	1.57	1.35	0.52	0.44	0.45	0.16	0.56	0.47	1.42
10	1.97	3.74	1.22	1.36	1.06	3.52	0.19	0.44	0.14	0.34	0.55	1.09
11	1.48	0.05	1.24	1.19	1.00	1.68	0.35	0.44	0.11	0.30	0.54	1.06
12	1.73	0.36	1.52	1.60	1.01	3.25	0.34	0.44	0.11	0.22	0.53	1.06
13	1.64	2.33	1.79	1.46	0.98	1.33	0.34	0.44	0.12	0.27	0.49	1.03
14	1.59	0.93	1.35	1.53	0.96	2.43	0.34	0.44	0.14	0.37	1.07	1.01
15	1.43	0.91	2.17	2.43	0.96	3.57	0.34	0.44	0.14	0.37	0.83	1.03
16	1.40	0.76	3.52	1.95	0.90	0.52	0.30	0.44	0.14	0.37	0.90	1.10
17	1.37	2.71	1.40	4.70	1.06	0.45	0.27	0.70	0.14	0.39	0.60	1.21
18	1.37	2.65	1.30	2.34	1.31	1.47	3.22	0.71	0.15	0.24	0.59	1.01
19	1.39	1.59	1.59	1.92	0.96	0.44	0.20	0.74	0.15	0.19	0.57	0.96
20	1.27	1.04	2.65	1.32	0.93	2.45	0.20	0.80	0.18	0.44	0.54	0.88
21	1.19	1.14	0.94	1.93	0.90	0.47	0.19	0.70	0.17	0.25	0.70	0.85
22	1.14	0.91	1.09	1.85	0.90	2.45	0.20	0.64	0.18	0.19	0.54	1.01
23	1.09	1.87	1.39	1.76	3.44	0.20	1.64	0.18	0.18	0.75	0.57	1.03
24	1.04	1.49	1.12	1.86	0.80	3.40	0.20	0.64	0.16	0.40	0.54	0.96
25	0.96	1.19	2.97	1.92	0.77	0.70	0.19	0.64	0.20	1.09	0.54	0.90
26	1.14	1.14	2.61	2.20	1.95	0.45	0.20	0.64	0.19	0.67	0.55	0.77
27	0.43	1.17	2.44	1.92	0.93	0.44	0.20	0.64	0.23	0.85	0.51	0.75
28	1.11	1.90	2.11	1.66	0.80	3.49	0.20	0.75	0.30	0.93	0.54	0.72
29	0.36	1.36	2.24	1.80	0.72	0.49	0.21	0.75	0.23	0.70	1.54	0.70
30	0.94	1.50	2.27	1.50	0.60	0.44	0.23	0.75	0.16	0.75	0.90	0.67
31	1.19	2.11	0.75	0.75	0.75	0.23	3.75	0.16	0.75	0.47	0.64	0.64
TOTAL	575.34	25.67	54.05	61.13	33.81	19.04	9.47	16.72	5.78	14.06	19.05	32.43
AVERAGE	1.84	0.99	1.74	2.34	1.09	2.60	0.31	0.54	0.19	0.45	0.64	1.05
MAXIMUM	3.71	1.57	4.04	4.90	1.95	1.55	0.67	0.80	0.75	1.09	1.54	1.57
MINIMUM	0.36	0.49	0.91	1.48	0.72	0.44	0.19	0.73	0.10	0.13	0.44	0.64

ANNUAL
 TOTAL | AVERAGE | MAXIMUM | MINIMUM
 344.17 | 0.94 | 4.90 | 0.10

STATION	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	98.2	117.6	131.9	75.3	187.8	156.3	84.0	85.0	45.4	83.5	111.8	259.2
2	124.5	102.9	97.1	2.5	215.2	147.5	142.2	97.1	43.8	12.8	85.7	233.2
3	94.6	115.2	95.7	21.1	233.3	164.0	79.1	84.0	42.2	79.1	125.0	207.1
4	79.7	116.1	85.7	142.1	197.9	259.6	97.1	196.4	43.8	94.8	97.1	163.8
5	114.5	137.4	109.9	113.4	147.5	257.6	94.8	144.6	92.6	66.8	138.8	125.8
6	175.3	177.3	111.4	114.8	111.8	133.6	104.3	94.5	57.4	52.1	122.1	114.6
7	177.4	134.6	157.4	111.2	41.5	141.1	125.0	70.4	53.8	83.5	101.9	114.8
8	214.6	155.7	151.1	173.3	79.1	231.1	97.1	66.3	52.1	59.2	97.1	107.8
9	134.7	140.7	157.4	131.0	61.5	171.7	83.5	72.8	45.4	85.7	104.8	108.9
10	117.2	181.1	272.1	193.0	97.1	175.0	70.8	72.8	42.2	114.6	130.5	114.8
11	133.9	145.1	191.1	79.2	97.1	136.2	77.0	64.9	43.8	130.5	114.6	204.0
12	122.9	165.1	157.4	97.9	63.5	171.7	79.1	64.9	40.8	138.8	104.8	431.1
13	111.6	173.7	141.6	31.0	61.3	175.2	72.8	66.9	42.2	141.6	111.8	429.5
14	174.2	174.4	175.7	49.5	117.1	175.0	92.5	35.7	42.2	117.1	109.3	345.9
15	167.5	159.7	114.4	57.8	136.0	175.0	92.5	44.0	42.2	109.3	175.0	446.1
16	114.4	144.6	111.4	76.3	147.5	164.6	31.3	64.9	48.7	109.3	345.5	417.1
17	104.3	134.7	104.3	10.4	147.5	162.5	77.0	70.8	55.6	101.9	240.8	432.4
18	129.5	134.7	104.3	77.3	144.6	156.3	64.6	49.2	55.6	101.9	232.0	499.6
19	99.7	147.5	131.6	113.6	153.4	144.6	64.6	72.7	55.6	90.2	191.1	475.0
20	93.2	124.9	122.3	112.4	164.6	131.3	70.8	41.1	70.8	117.1	201.2	348.7
21	114.4	114.4	131.3	133.4	175.0	119.4	97.1	59.2	70.8	101.9	208.2	278.5
22	102.0	104.3	167.5	15.7	131.0	131.3	85.7	55.6	61.1	104.8	197.9	375.5
23	224.4	97.5	181.4	76.3	147.5	136.2	63.5	48.7	61.0	90.2	138.8	331.9
24	146.2	94.4	218.7	117.2	134.8	114.5	117.1	47.0	52.1	79.1	144.6	225.8
25	134.4	94.4	204.7	134.5	134.8	122.3	117.1	44.7	48.7	72.8	218.7	216.4
26	113.4	94.7	197.9	134.5	134.8	136.8	109.3	47.0	47.0	83.5	274.4	395.2
27	104.9	94.4	194.5	119.6	143.0	131.3	81.5	52.1	61.1	83.5	201.3	246.6
28	113.6	116.0	184.6	138.5	234.7	144.6	70.8	59.2	45.4	81.3	145.5	189.3
29	94.6	159.4	184.6	144.5	136.8	136.8	61.1	97.4	63.0	97.1	181.4	183.5
30	95.3	153.3	171.4	144.6	144.6	144.6	63.5	52.1	64.9	90.2	156.3	144.9
31	49.9	133.3	157.4	157.4	157.4	157.4	125.3	43.9	83.5	83.5	111.2	111.2
TOTAL	7611.5	5424.1	4519.1	3285.6	4554.4	4443.7	2714.3	2297.8	1593.3	2919.5	4451.8	8285.9
AVERAGE	114.1	122.4	145.4	108.9	147.0	161.6	87.6	74.1	53.1	94.2	141.7	267.3
MAXIMUM	224.4	173.4	227.3	144.4	144.4	136.7	104.9	104.9	92.6	141.6	165.3	499.6
MINIMUM	84.9	85.7	85.7	76.3	74.1	49.5	61.1	43.8	40.8	52.1	85.7	107.8

ANNUAL
 TOTAL | AVERAGE | MAXIMUM | MINIMUM
 47144.0 | 124.2 | 499.6 | 40.8

STATION CALW4251 CATCHMENT AREA 3630 49902 UNIT 1 0001/SEC

1963-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	177.3	131.3	157.3	153.3	199.6	137.3	111.2	101.2	42.3	48.0	192.3	139.8
2	172.9	159.4	131.8	152.8	230.5	100.6	112.6	101.9	44.7	42.3	224.2	144.9
3	127.9	107.3	168.7	204.9	202.6	130.6	113.6	84.9	43.9	36.2	288.1	147.4
4	111.2	204.2	127.0	123.2	192.3	106.6	99.7	73.3	42.3	34.7	280.2	183.5
5	172.3	151.9	113.6	269.8	202.6	132.0	91.0	77.5	42.3	33.3	263.2	204.0
6	134.8	230.7	190.3	273.6	227.4	96.6	91.0	76.3	42.3	33.3	232.0	158.3
7	127.0	174.0	199.6	266.5	216.0	113.6	86.6	161.0	42.3	34.7	208.6	139.8
8	119.4	187.4	154.1	231.4	251.4	91.7	79.4	177.6	51.3	32.6	221.1	170.4
9	129.4	107.4	184.9	235.3	284.5	103.9	78.3	104.3	59.2	35.5	147.4	162.4
10	111.2	111.4	106.6	275.4	317.3	123.1	78.3	74.4	53.0	31.9	133.4	149.3
11	113.6	84.3	141.5	228.9	277.6	150.7	130.9	43.9	61.1	32.2	425.3	147.4
12	172.9	292.0	218.4	221.1	215.9	173.4	111.2	64.8	66.5	49.6	379.3	130.9
13	117.2	231.1	147.4	250.6	274.5	170.1	131.2	73.3	82.5	98.4	216.4	142.3
14	119.4	111.4	137.7	235.1	254.9	352.9	96.7	71.4	69.5	67.9	287.2	154.2
15	129.4	175.0	182.7	235.1	306.3	218.0	43.4	86.7	61.1	92.2	202.6	137.1
16	127.0	165.5	166.5	254.9	226.6	171.7	71.3	100.4	54.3	48.0	187.9	120.8
17	170.9	151.4	151.4	135.2	214.0	126.2	78.3	141.1	53.0	43.1	180.5	147.4
18	133.4	211.5	153.1	146.9	204.0	102.4	76.3	153.1	37.7	40.0	235.1	182.4
19	170.9	325.4	151.5	132.0	219.5	147.4	72.4	92.1	39.0	34.2	179.0	139.8
20	134.3	201.6	141.1	963.1	132.0	144.9	66.6	77.4	40.8	39.0	130.9	139.8
21	125.4	416.2	178.6	246.1	189.5	123.2	67.6	65.7	36.2	43.1	154.2	124.5
22	122.0	215.4	124.9	227.3	161.0	105.3	73.4	60.1	37.0	51.3	183.5	116.0
23	113.6	277.4	170.6	219.5	154.2	75.1	102.0	50.8	60.1	47.2	313.6	114.8
24	107.4	91.1	143.3	211.7	144.5	95.3	118.4	92.2	51.3	80.4	192.3	108.9
25	129.4	295.4	148.7	273.9	146.7	127.0	128.3	51.3	48.8	50.4	198.2	117.2
26	127.3	242.4	202.6	227.4	155.6	111.2	103.9	44.6	38.5	82.5	159.7	164.9
27	169.3	201.1	143.3	199.3	142.3	97.5	114.4	56.0	39.0	82.5	158.3	174.7
28	129.4	231.3	159.7	133.5	134.8	87.8	99.7	50.2	38.5	110.0	147.4	151.4
29	111.2	144.9	100.9	121.2	85.7	94.2	52.2	47.2	47.2	114.4	146.2	144.2
30	119.4	151.4	151.7	114.8	114.8	131.2	83.4	44.7	48.8	124.5	144.9	184.9
31	121.4	141.4	141.4	113.0	113.0	113.0	97.1	43.1	174.7	174.7	174.7	281.9
TOTAL	6751.1	6116.7	4723.3	6730.4	6460.7	3303.3	2911.3	2541.7	1480.5	1850.7	4393.0	4742.5
AVERAGE	217.8	197.3	152.4	217.1	208.4	106.7	93.9	82.0	47.8	59.7	141.7	150.1
MAXIMUM	169.3	325.4	216.5	152.1	307.8	152.9	130.9	177.6	82.5	174.1	425.3	281.9
MINIMUM	109.9	111.3	106.3	127.8	114.0	91.7	66.6	43.1	34.2	31.9	130.9	108.9

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
61799.4	141.9	425.3	31.9

STATION CALW4251 CATCHMENT AREA 3630 49902 UNIT 1 0001/SEC

1964-YEAR

DAY#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	250.1	76.3	114.4	62.0	304.0	142.3	150.3	77.3	71.4	79.4	154.5	160.9
2	256.9	73.4	102.0	94.8	398.2	147.4	147.4	76.3	73.3	81.6	141.1	208.9
3	276.2	71.3	133.2	54.8	159.7	167.9	122.0	99.7	99.7	75.0	150.9	155.6
4	205.5	64.5	95.3	74.4	143.6	315.5	198.2	118.4	124.5	71.3	374.0	141.1
5	184.9	65.7	94.3	97.5	187.0	210.2	167.9	91.0	95.3	75.9	337.6	141.1
6	169.3	64.4	82.5	70.5	165.1	334.2	120.8	97.5	74.8	74.8	200.4	133.7
7	154.3	62.7	80.4	64.8	156.9	219.5	105.3	94.2	93.2	83.6	243.5	193.5
8	149.7	64.8	77.3	87.8	120.8	238.6	113.6	78.3	105.5	79.6	214.4	174.1
9	139.8	64.6	74.4	112.0	134.5	174.6	124.5	64.5	96.4	71.3	188.3	149.7
10	124.3	62.5	71.4	137.2	164.3	182.0	148.7	109.9	81.5	54.1	163.5	144.8
11	120.4	61.4	68.5	111.2	167.3	155.6	147.4	137.2	92.1	43.9	155.8	193.5
12	122.0	61.1	65.7	102.3	162.4	127.0	118.4	134.5	91.5	139.5	159.5	204.4
13	142.3	55.1	64.9	116.2	146.7	134.5	118.4	208.6	93.2	118.8	162.2	185.6
14	136.0	51.4	59.3	155.6	117.2	120.8	123.2	136.0	87.8	139.9	172.9	149.7
15	132.1	59.3	48.0	165.1	116.0	119.6	105.5	97.5	72.4	177.9	183.0	174.2
16	119.4	76.3	54.0	161.0	142.3	106.6	94.6	46.7	84.7	144.2	194.9	108.8
17	123.3	94.6	57.4	154.2	117.2	238.6	117.2	93.2	83.6	233.2	140.5	171.4
18	108.9	102.0	59.2	139.8	108.9	292.4	148.9	99.7	78.3	213.1	160.9	158.2
19	97.5	186.4	64.4	127.0	105.5	320.9	98.6	104.3	76.3	159.5	147.2	170.2
20	94.2	183.5	65.7	159.7	96.4	344.8	105.5	74.3	75.4	139.9	163.9	197.5
21	88.8	151.1	62.0	122.0	95.3	324.5	102.0	71.4	79.4	138.6	186.9	185.6
22	85.7	131.4	59.2	112.4	93.2	167.9	99.7	94.2	93.2	124.7	192.2	140.9
23	84.6	129.4	55.7	103.5	86.7	198.2	99.7	87.8	82.5	118.0	210.4	342.5
24	84.6	76.4	53.0	133.6	49.9	152.8	104.3	93.2	87.8	103.4	181.7	384.9
25	92.1	89.9	56.6	147.4	117.2	114.4	106.6	87.9	83.6	103.4	194.9	343.1
26	91.0	119.4	54.0	164.7	114.8	127.3	93.2	106.6	84.6	94.9	184.9	384.9
27	81.6	102.0	53.4	276.7	106.6	147.4	86.7	49.9	78.3	115.6	201.2	344.4
28	91.5	131.2	53.9	163.8	97.5	152.8	91.4	78.3	87.6	127.9	181.7	384.9
29	99.7	146.2	55.7	146.2	143.6	120.8	103.9	84.6	86.7	131.4	197.0	384.9
30	87.9	61.1	310.0	167.9	167.9	153.1	132.0	77.4	61.5	217.1	142.3	300.1
31	78.3	65.7	167.9	167.9	167.9	167.9	84.6	69.5	177.9	177.9	177.9	229.9
TOTAL	4071.9	2670.5	2154.4	4261.7	4360.7	5738.9	1627.3	3026.9	2426.8	3745.8	5485.2	6935.2
AVERAGE	131.3	86.1	69.5	137.5	140.7	183.5	52.5	97.6	80.9	120.8	173.7	224.0
MAXIMUM	256.9	126.4	114.4	156.7	344.0	344.8	198.2	208.6	124.5	233.2	374.0	384.9
MINIMUM	78.3	57.4	43.0	54.8	86.7	106.6	84.6	46.7	71.4	54.1	141.1	108.8

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
40892.7	131.6	344.9	48.0

STATION CALZADITA

CATCHMENT AREA 3630 KM²

UNIT : MM³/SEC

1979/ 7/19 (THU) 20146132

1965-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	275.0	171.5	73.2	47.6	196.5	26.9	68.7	66.7	42.1	60.9	106.7	279.7
2	171.5	167.2	63.7	70.8	149.7	22.9	56.9	51.1	39.6	81.3	90.6	238.2
3	135.8	136.4	61.2	57.0	142.3	101.1	53.7	46.7	37.1	97.9	107.8	261.4
4	221.0	155.4	96.7	64.3	130.2	33.7	67.7	53.6	61.2	57.1	85.4	199.8
5	152.5	177.2	116.7	11.6	116.7	71.3	59.5	92.9	39.5	42.3	100.0	196.9
6	140.3	131.9	39.1	137.3	147.9	26.1	56.1	63.9	44.6	39.2	102.2	264.3
7	136.9	111.4	39.1	106.2	114.5	74.7	63.9	30.3	94.6	37.6	106.4	297.1
8	157.0	115.6	103.5	141.1	137.9	64.5	71.3	64.7	47.0	45.4	131.2	315.1
9	144.4	111.3	106.5	127.9	133.5	66.9	53.1	37.1	36.3	45.4	174.3	371.9
11	145.5	109.7	77.1	117.6	125.5	77.9	53.1	52.7	40.5	50.3	174.1	402.0
12	156.5	117.3	67.7	111.1	119.5	35.1	71.7	54.6	36.3	63.3	149.7	373.9
13	115.1	111.7	75.0	117.0	273.4	73.2	135.9	51.1	35.7	57.1	170.0	399.9
14	147.5	135.7	31.6	174.6	223.7	54.7	116.7	51.9	38.0	197.6	179.7	304.0
15	167.2	75.2	74.7	173.7	173.3	59.5	31.0	53.7	32.9	122.7	163.5	259.4
16	176.1	75.4	72.7	137.3	166.2	39.7	63.3	42.9	126.3	261.0	236.6	402.0
17	167.2	29.7	66.7	146.6	146.0	26.7	89.6	42.1	29.4	123.9	198.4	239.8
18	167.7	36.7	72.2	136.2	122.0	71.3	36.7	43.3	214.8	192.6	207.2	198.4
19	141.1	75.9	95.7	141.1	111.4	36.7	73.2	42.8	37.8	196.9	233.0	198.4
20	179.3	31.6	77.4	137.4	139.7	23.4	63.6	54.9	31.9	154.0	331.5	192.6
21	172.2	10.0	49.8	111.0	111.4	52.7	113.4	51.7	34.0	120.4	304.0	195.5
22	155.4	45.7	83.8	134.5	94.0	65.8	154.8	59.5	33.8	103.3	259.4	179.7
23	105.9	31.6	73.2	173.2	95.9	47.9	127.9	61.2	35.0	93.6	309.7	157.9
24	142.1	77.9	67.6	112.9	112.6	77.4	44.1	33.1	66.7	74.3	307.8	157.9
25	163.5	75.3	66.7	116.9	76.9	31.8	75.3	47.9	46.7	87.4	322.4	191.1
26	163.9	63.5	66.7	134.3	103.4	103.4	72.2	77.8	62.1	51.9	297.1	172.7
27	141.1	73.7	67.5	113.9	134.2	72.2	74.1	56.9	51.3	91.6	352.5	148.2
28	147.7	76.4	76.4	174.2	114.5	68.9	54.3	49.5	46.6	120.4	307.8	156.6
29	142.1	75.9	67.6	140.4	113.6	23.7	57.3	44.1	91.8	106.7	309.7	130.0
30	131.7	72.7	134.1	107.9	71.1	51.1	73.4	31.7	94.9	92.6	307.8	171.4
31	192.3	61.2	103.4	103.4	103.4	75.0	57.3	57.3	95.8	95.8	307.8	252.7
TOTAL	5137.7	2956.1	2410.1	3711.9	4390.6	4222.5	2392.1	1716.5	1351.1	2941.9	6237.0	7430.5
AVERAGE	165.7	95.3	77.7	119.7	141.6	136.2	77.3	55.4	43.6	94.9	201.2	239.7
MAXIMUM	221.0	171.5	106.5	141.0	223.7	173.7	144.8	92.9	94.9	214.8	352.5	402.0
MINIMUM	121.0	61.2	31.6	11.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4

ANNUAL

TOTAL	42894.5	117.5	402.0	28.7
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STATION CALZADITA

CATCHMENT AREA 3630 KM²

UNIT : MM³/SEC

1979/ 7/19 (THU) 20146132

1966-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	266.0	77.0	54.5	172.4	79.3	120.3	174.1	84.4	68.8	56.8	109.0	402.1
2	274.0	49.7	50.2	35.4	89.4	111.2	138.6	86.4	53.6	86.8	122.5	377.1
3	202.7	77.6	67.5	75.5	63.3	118.9	157.9	71.6	50.3	113.3	104.7	364.5
4	168.7	44.3	63.1	63.2	73.5	101.1	125.1	60.5	61.4	91.1	124.7	580.9
5	154.3	117.2	54.5	37.1	73.5	96.8	101.1	63.1	70.7	112.6	141.9	706.7
6	146.7	56.1	46.2	56.2	47.4	47.9	91.5	62.1	61.4	101.1	173.3	628.1
7	139.3	113.6	101.1	57.5	97.5	141.1	89.4	102.2	55.3	102.5	264.8	585.2
8	143.6	179.2	94.4	57.9	100.0	91.5	108.9	74.5	67.9	92.5	244.1	434.2
9	169.5	51.6	57.3	32.5	64.4	101.1	101.1	115.7	57.9	94.7	184.8	794.8
10	167.4	31.3	185.4	73.7	166.9	92.6	118.9	76.4	115.7	113.3	193.3	621.6
11	137.4	86.4	130.2	65.1	167.3	127.5	123.4	61.1	74.4	144.0	332.0	591.4
12	127.7	115.7	97.0	74.5	197.4	118.1	116.9	52.8	62.3	124.7	244.1	585.4
13	141.1	92.5	74.3	56.2	222.5	33.9	103.3	59.6	56.2	144.0	258.4	701.0
14	174.0	81.3	79.3	131.3	131.3	122.7	122.7	66.0	70.7	134.0	316.3	750.3
15	119.2	74.5	65.1	75.5	133.6	97.4	115.7	111.1	69.7	111.1	402.1	654.5
16	119.7	31.6	69.3	123.0	137.3	44.4	95.4	49.4	58.6	101.1	359.9	842.6
17	173.9	69.7	61.6	134.9	126.3	111.1	84.4	67.9	53.6	102.5	301.3	875.6
18	123.4	96.7	66.4	175.0	147.3	99.9	113.4	64.3	54.5	101.1	380.7	632.5
19	111.4	64.7	66.9	100.0	132.4	136.4	91.5	67.9	53.6	106.8	304.9	902.6
20	193.3	67.1	74.5	71.3	116.5	137.8	81.3	59.6	54.5	96.8	304.9	820.4
21	97.9	65.1	77.4	72.6	134.8	114.2	95.3	120.4	51.9	99.0	279.1	747.3
22	76.4	66.5	45.4	114.3	110.9	138.7	92.6	72.8	49.5	115.4	304.9	723.1
23	94.7	59.4	68.4	118.9	174.3	122.2	74.4	70.7	45.4	120.4	254.8	434.7
24	89.4	57.1	67.5	139.4	164.6	127.4	70.7	74.4	53.6	120.4	275.6	564.4
25	86.4	55.3	55.6	191.1	132.4	132.4	81.3	77.6	68.8	144.0	279.1	519.4
26	32.1	51.5	49.4	117.3	157.9	152.6	91.6	44.2	56.2	131.8	316.3	449.3
27	82.1	59.5	104.4	111.1	141.1	125.1	101.3	87.4	45.4	141.9	344.2	417.1
28	97.9	54.5	112.3	35.0	131.6	135.6	89.4	68.8	43.0	139.0	336.3	385.0
29	37.4	91.5	47.4	148.8	124.4	124.4	74.4	54.3	40.7	124.7	510.1	363.5
30	56.4	64.3	41.3	126.3	134.4	134.4	72.6	54.3	50.3	115.4	452.2	337.0
31	76.4	75.5	124.3	124.3	124.3	124.3	92.6	92.6	106.8	106.8	307.8	322.7
TOTAL	3956.7	2145.7	2496.3	2273.8	4015.6	3251.1	3197.6	2361.0	1778.1	3489.6	8220.3	18770.4
AVERAGE	127.6	72.6	80.5	73.3	129.5	104.4	103.1	74.2	57.3	112.6	274.0	405.5
MAXIMUM	266.0	115.7	106.5	151.3	222.5	152.6	174.1	120.4	115.7	144.0	310.1	902.6
MINIMUM	71.4	51.5	53.0	52.4	71.5	87.4	73.7	52.8	40.7	56.8	104.7	322.7

ANNUAL

TOTAL	56355.2	134.4	602.6	40.7
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SALVAGE CATCHMENT AREA 3430 K9002 UNIT : 0003/SEC

1967-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	306.5	172.7	167.3	132.6	112.3	133.6	119.7	96.7	87.9	50.6	169.0	222.5
2	331.3	165.9	160.5	135.9	116.1	136.8	120.5	111.4	57.9	51.2	147.4	205.3
3	279.1	218.7	221.3	178.1	150.7	126.3	199.9	166.4	51.4	82.0	180.2	197.8
4	256.5	236.6	194.0	143.3	139.0	174.1	159.7	157.2	50.3	51.4	145.0	178.4
5	317.7	211.4	172.3	124.6	124.7	124.7	119.2	111.1	51.9	66.5	138.1	163.4
6	237.7	281.4	184.7	131.2	100.0	143.4	123.9	96.4	59.6	43.8	123.0	163.4
7	221.2	267.7	181.1	134.0	138.4	138.6	146.1	93.7	51.9	61.3	120.7	153.3
8	232.4	204.3	157.3	125.1	118.1	152.6	129.1	130.0	47.0	39.4	154.1	163.4
9	196.9	227.5	157.9	114.2	116.4	127.4	105.6	114.1	47.9	52.4	142.1	152.6
10	137.6	279.9	179.6	114.2	136.5	103.2	93.6	86.4	51.1	115.0	139.9	137.0
11	144.8	217.0	182.4	119.9	133.2	144.7	86.4	76.4	51.1	85.7	117.3	151.4
12	161.9	193.4	249.4	134.9	136.2	139.6	100.0	74.5	41.8	74.6	144.0	174.8
13	167.5	211.3	164.0	123.9	157.5	136.6	96.4	67.9	51.1	82.0	141.2	141.2
14	179.9	131.2	151.1	113.4	205.7	124.8	94.7	62.3	34.5	55.7	232.2	124.9
15	192.5	171.4	171.4	139.9	146.1	139.3	107.8	67.9	44.4	52.0	180.2	131.4
16	194.9	132.6	201.1	124.7	143.6	126.3	102.2	121.9	45.8	69.9	170.4	126.5
17	179.0	184.2	237.2	174.0	141.9	123.9	93.6	127.5	44.8	47.2	141.7	145.0
18	175.1	244.2	252.7	136.6	144.7	147.4	96.4	139.3	43.8	53.6	230.6	142.3
19	179.0	144.7	204.7	153.7	134.1	113.1	86.4	83.3	64.6	64.4	264.8	117.3
20	161.7	141.6	164.0	114.1	132.6	137.5	85.4	68.8	49.5	56.5	452.2	121.9
21	154.7	167.3	176.9	103.9	173.3	132.4	43.4	66.0	45.4	63.6	598.1	128.9
22	156.0	191.1	157.9	104.0	122.6	164.6	91.5	94.7	41.5	63.4	434.0	121.9
23	177.5	141.1	152.6	161.9	126.3	235.7	133.3	59.6	43.0	86.1	296.9	126.5
24	133.5	176.9	251.3	141.9	149.0	232.7	104.4	91.5	38.4	102.9	319.4	199.3
25	236.7	133.7	159.2	113.6	116.9	247.7	75.9	82.3	60.0	42.8	344.8	202.3
26	165.4	281.4	159.3	119.8	137.3	181.9	131.2	73.5	40.7	138.7	325.1	175.9
27	156.5	284.2	174.1	147.4	126.3	146.2	166.1	65.1	41.8	113.8	315.5	214.7
28	159.7	141.7	159.4	136.6	146.9	154.0	164.7	59.6	73.7	124.5	349.2	213.4
29	152.9	141.7	124.1	112.4	143.7	141.9	167.3	59.6	59.6	124.2	293.0	194.8
30	143.7	135.4	116.2	125.1	114.6	198.4	64.6	64.2	150.1	290.6	199.3	169.0
31	139.7	112.3	112.3	112.3	112.3	130.3	91.0	91.0	183.1	183.1	183.1	169.0
TOTAL	4994.7	5273.8	5423.7	3864.4	4259.2	4394.7	3139.7	2448.0	1504.4	2182.4	4341.7	5067.9
AVERAGE	161.1	170.1	174.9	124.6	137.4	141.8	101.3	77.5	48.4	70.4	140.1	163.5
MAXIMUM	336.9	284.2	257.2	182.6	205.7	212.7	199.8	159.2	70.7	143.1	598.1	233.8
MINIMUM	126.7	141.6	113.6	103.1	103.0	103.0	85.4	68.8	38.4	39.4	117.3	117.3

ANNUAL

TOTAL	4994.7	5273.8	5423.7	3864.4	4259.2	4394.7	3139.7	2448.0	1504.4	2182.4	4341.7	5067.9
AVERAGE	161.1	170.1	174.9	124.6	137.4	141.8	101.3	77.5	48.4	70.4	140.1	163.5
MAXIMUM	336.9	284.2	257.2	182.6	205.7	212.7	199.8	159.2	70.7	143.1	598.1	233.8
MINIMUM	126.7	141.6	113.6	103.1	103.0	103.0	85.4	68.8	38.4	39.4	117.3	117.3

SALVAGE CATCHMENT AREA 3430 K9002 UNIT : 0003/SEC

1968-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	151.4	219.4	154.1	97.3	162.1	115.0	111.0	124.2	81.9	72.9	130.1	244.0
2	139.8	364.0	151.6	112.9	154.4	124.2	109.4	144.1	71.7	73.7	120.7	235.5
3	131.4	232.4	211.2	164.7	145.0	114.4	144.2	141.0	68.4	68.4	115.0	214.2
4	125.1	217.4	173.5	49.7	133.6	111.4	120.7	132.4	72.0	68.6	116.1	211.9
5	120.7	255.6	166.4	49.7	124.5	164.8	96.7	96.4	62.0	69.5	115.0	190.4
6	116.7	211.1	173.5	49.7	124.5	255.6	96.4	91.6	44.6	69.7	113.8	189.9
7	114.8	174.1	114.2	137.3	164.6	171.1	95.7	81.1	75.5	125.3	107.3	163.4
8	114.4	167.3	124.6	124.7	139.9	147.6	109.4	71.2	72.0	145.0	126.5	152.0
9	109.1	159.1	113.6	113.6	247.4	131.4	126.5	230.6	65.2	75.5	133.8	143.6
10	141.9	157.4	177.7	246.7	118.4	135.0	135.0	62.0	41.2	138.7	162.1	188.9
11	100.5	136.2	219.4	45.4	144.4	146.4	101.9	59.8	55.0	219.4	143.1	152.0
12	117.4	147.1	114.4	146.3	117.7	136.4	89.7	59.6	55.7	159.4	191.8	150.1
13	131.4	133.2	119.5	119.2	219.4	134.2	127.7	54.0	55.7	154.1	178.8	137.4
14	107.3	129.7	176.5	147.4	163.4	117.6	142.5	57.2	60.4	131.4	230.6	133.4
15	91.4	119.3	179.2	247.2	157.8	117.3	127.4	62.0	69.5	127.7	209.9	132.6
16	95.5	102.4	217.8	194.3	136.2	111.6	111.6	61.2	59.6	166.2	226.4	123.0
17	47.7	123.3	174.9	219.0	121.9	123.0	133.4	54.4	65.2	225.7	175.9	116.1
18	64.7	116.8	152.3	214.8	114.4	124.1	133.1	55.7	67.8	315.5	196.3	119.6
19	94.6	113.3	145.0	171.7	113.3	111.6	134.7	51.0	70.3	240.4	233.9	117.3
20	86.7	135.1	133.1	147.1	103.4	119.6	135.3	53.4	62.0	191.8	276.5	111.6
21	98.4	135.9	129.4	174.4	107.3	117.4	117.4	49.4	59.8	151.4	352.9	175.9
22	54.3	133.4	117.3	212.2	104.2	134.1	85.7	54.4	66.1	133.8	377.4	167.4
23	53.6	166.2	124.7	215.5	49.8	134.2	74.6	53.0	48.4	130.1	323.4	171.7
24	135.0	125.4	113.4	141.7	101.9	117.3	84.9	62.0	57.2	140.7	278.4	159.4
25	139.9	117.3	111.0	171.7	149.4	113.8	143.1	64.4	55.7	166.2	248.8	160.7
26	111.6	134.1	113.1	147.8	104.4	96.7	143.3	61.2	61.6	140.2	250.5	142.5
27	94.7	125.3	107.4	147.4	107.4	37.7	211.4	87.6	81.0	213.1	235.5	126.5
28	94.7	162.1	107.9	147.4	114.0	94.7	247.2	64.4	73.9	183.1	235.5	120.7
29	169.0	94.7	94.7	114.1	126.5	113.9	143.1	72.0	79.2	169.0	313.6	113.8
30	147.2	92.6	92.6	113.0	113.0	107.3	107.3	75.4	145.0	145.0	145.0	108.4
TOTAL	4423.4	4524.5	4169.4	3104.3	3444.9	3478.4	4734.7	2311.4	2050.4	4431.9	4584.0	4934.2
AVERAGE	144.3	144.3	134.5	96.7	111.5	111.5	147.3	74.4	68.3	144.4	144.4	152.7
MAXIMUM	160.2	364.0	271.2	246.7	205.7	255.6	348.8	156.1	84.8	315.5	598.1	264.0
MINIMUM	47.7	113.3	92.6	49.7	97.8	47.7	74.6	49.9	55.0	68.6	107.3	108.4

ANNUAL

TOTAL	4423.4	4524.5	4169.4	3104.3	3444.9	3478.4	4734.7	2311.4	2050.4	4431.9	4584.0	4934.2
AVERAGE	144.3	144.3	134.5	96.7	111.5	111.5	147.3	74.4	68.3	144.4	144.4	152.7
MAXIMUM	160.2	364.0	271.2	246.7	205.7	255.6	348.8	156.1	84.8	315.5	598.1	264.0
MINIMUM	47.7	113.3	92.6	49.7	97.8	47.7	74.6	49.9	55.0	68.6	107.3	108.4

1979/ 7/19 (THU) 20146152

STATION SALVADINA CATCHMENT AREA 3430 KM002 UNIT : M003/SEC

1969-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	114.0	137.0	130.0	95.0	220.0	114.0	112.0	60.0	44.0	90.0	172.0	102.0
2	113.0	121.0	103.0	91.0	247.0	115.0	199.0	50.0	47.0	102.0	205.0	167.0
3	101.0	115.0	105.0	90.0	293.0	134.0	224.0	65.0	42.0	158.0	165.0	172.0
4	96.0	125.0	132.0	84.0	374.0	173.0	162.0	75.0	36.0	117.0	165.0	139.0
5	91.0	127.0	94.0	221.0	293.0	234.0	114.0	66.0	36.0	152.0	175.0	100.0
6	91.0	151.0	94.0	175.0	706.0	197.0	95.0	50.0	35.0	119.0	164.0	109.0
7	40.0	133.0	91.0	221.0	224.0	149.0	92.0	53.0	30.0	101.0	234.0	182.0
8	35.0	135.0	91.0	194.0	291.0	134.0	95.0	64.0	35.0	125.0	239.0	189.0
9	82.0	125.0	81.0	210.0	232.0	146.0	89.0	85.0	33.0	119.0	232.0	221.0
10	80.0	136.0	70.0	137.0	255.0	153.0	80.0	95.0	31.0	95.0	212.0	203.0
11	81.0	145.0	91.0	187.0	182.0	153.0	75.0	77.0	32.0	95.0	197.0	177.0
12	91.0	165.0	119.0	213.0	161.0	126.0	89.0	67.0	34.0	108.0	206.0	268.0
13	33.0	144.0	110.0	170.0	152.0	121.0	73.0	56.0	30.0	114.0	215.0	247.0
14	80.0	146.0	97.0	264.0	165.0	113.0	65.0	51.0	35.0	173.0	226.0	210.0
15	157.0	155.0	94.0	224.0	156.0	110.0	61.0	51.0	32.0	221.0	245.0	180.0
16	110.0	195.0	89.0	133.0	144.0	91.0	63.0	55.0	32.0	215.0	219.0	169.0
17	101.0	160.0	85.0	131.0	140.0	84.0	86.0	41.0	34.0	210.0	199.0	166.0
18	116.0	173.0	76.0	371.0	150.0	89.0	114.0	54.0	33.0	156.0	180.0	175.0
19	123.0	177.0	69.0	260.0	141.0	95.0	94.0	53.0	47.0	125.0	189.0	162.0
20	121.0	141.0	65.0	234.0	135.0	76.0	84.0	48.0	53.0	105.0	170.0	159.0
21	124.0	124.0	65.0	176.0	126.0	91.0	75.0	49.0	51.0	161.0	169.0	206.0
22	140.0	125.0	61.0	110.0	119.0	106.0	64.0	61.0	58.0	126.0	159.0	192.0
23	140.0	177.0	63.0	214.0	141.0	133.0	83.0	56.0	44.0	215.0	145.0	182.0
24	165.0	162.0	61.0	209.0	118.0	84.0	75.0	71.0	53.0	337.0	203.0	159.0
25	259.0	144.0	61.0	271.0	118.0	116.0	67.0	50.0	49.0	278.0	167.0	150.0
26	199.0	120.0	67.0	216.0	109.0	174.0	76.0	73.0	61.0	221.0	205.0	144.0
27	107.0	114.0	63.0	215.0	132.0	128.0	91.0	55.0	62.0	234.0	205.0	142.0
28	221.0	101.0	91.0	175.0	112.0	104.0	103.0	55.0	70.0	206.0	190.0	137.0
29	167.0	81.0	164.0	164.0	81.0	97.0	72.0	57.0	134.0	192.0	187.0	131.0
30	157.0	103.0	134.0	109.0	109.0	99.0	63.0	49.0	77.0	172.0	177.0	118.0
31	140.0	164.0	101.0	101.0	101.0	101.0	60.0	45.0	101.0	152.0	101.0	110.0
TOTAL	3915.0	3700.0	2736.0	6217.0	5567.0	3797.0	2866.0	1914.0	1414.0	4992.0	5819.0	5434.0
AVERAGE	126.3	119.4	88.3	200.5	180.0	122.8	92.5	61.7	45.6	161.0	187.7	175.3
MAXIMUM	259.0	195.0	165.0	371.0	343.0	214.0	224.0	95.0	134.0	337.0	245.0	268.0
MINIMUM	80.0	133.0	60.0	33.0	101.0	34.0	60.0	45.0	31.0	90.0	145.0	110.0

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
43651.0	137.3	393.0	31.0

1979/ 7/18 (WED) 1411140

STATION SALVADINA CATCHMENT AREA 3030 KM002 UNIT : M003/SEC

1970-YEAR

DATE	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	109.0	102.0	236.0	101.0	165.0	173.0	78.0	134.0	68.0	117.0	197.0	389.0
2	174.0	112.0	319.0	97.0	127.0	213.0	117.0	114.0	41.0	135.0	260.0	348.0
3	111.0	145.0	469.0	86.0	112.0	251.0	105.0	75.0	65.0	177.0	377.0	382.0
4	94.0	173.0	334.0	102.0	95.0	149.0	114.0	44.0	91.0	260.0	382.0	334.0
5	102.0	215.0	291.0	40.0	90.0	130.0	91.0	63.0	105.0	215.0	389.0	302.0
6	74.0	196.0	307.0	41.0	118.0	177.0	71.0	56.0	89.0	177.0	581.0	279.0
7	97.0	212.0	253.0	67.0	99.0	171.0	79.0	79.0	75.0	239.0	429.0	317.0
8	95.0	191.0	216.0	132.0	109.0	192.0	77.0	81.0	63.0	223.0	382.0	300.0
9	103.0	162.0	217.0	121.0	97.0	167.0	84.0	93.0	63.0	300.0	313.0	264.0
10	94.0	182.0	206.0	92.0	91.0	143.0	90.0	94.0	87.0	253.0	495.0	289.0
11	102.0	145.0	243.0	75.0	67.0	123.0	89.0	80.0	61.0	199.0	452.0	243.0
12	121.0	179.0	253.0	106.0	86.0	104.0	83.0	79.0	75.0	169.0	137.0	232.0
13	117.0	146.0	212.0	123.0	98.0	139.0	77.0	63.0	61.0	146.0	315.0	205.0
14	161.0	137.0	214.0	151.0	103.0	114.0	72.0	58.0	61.0	137.0	326.0	189.0
15	144.0	125.0	194.0	130.0	124.0	112.0	68.0	45.0	67.0	122.0	281.0	189.0
16	131.0	121.0	178.0	139.0	152.0	99.0	66.0	161.0	59.0	110.0	272.0	187.0
17	109.0	161.0	158.0	142.0	175.0	139.0	74.0	103.0	46.0	101.0	344.0	189.0
18	115.0	197.0	143.0	127.0	177.0	132.0	101.0	88.0	59.0	96.0	336.0	177.0
19	104.0	155.0	141.0	119.0	296.0	108.0	82.0	65.0	53.0	92.0	359.0	169.0
20	104.0	126.0	134.0	104.0	210.0	91.0	87.0	67.0	52.0	118.0	334.0	258.0
21	177.0	224.0	125.0	112.0	184.0	34.0	69.0	61.0	49.0	100.0	304.0	328.0
22	110.0	180.0	117.0	117.0	147.0	35.0	61.0	59.0	58.0	182.0	300.0	373.0
23	119.0	196.0	115.0	103.0	164.0	135.0	56.0	51.0	77.0	142.0	317.0	322.0
24	121.0	157.0	118.0	131.0	159.0	110.0	59.0	47.0	64.0	146.0	368.0	251.0
25	110.0	115.0	121.0	170.0	170.0	113.0	91.0	58.0	72.0	156.0	921.0	214.0
26	115.0	233.0	119.0	91.0	196.0	141.0	70.0	83.0	61.0	146.0	427.0	221.0
27	98.0	234.0	139.0	79.0	180.0	144.0	68.0	89.0	41.0	152.0	392.0	199.0
28	122.0	214.0	137.0	97.0	192.0	100.0	75.0	84.0	58.0	177.0	370.0	247.0
29	96.0	119.0	148.0	91.0	156.0	133.0	68.0	77.0	149.0	172.0	392.0	215.0
30	91.0	119.0	171.0	92.0	153.0	76.0	65.0	79.0	105.0	146.0	402.0	194.0
31	107.0	108.0	108.0	149.0	149.0	149.0	83.0	90.0	201.0	201.0	178.0	178.0
TOTAL	3437.0	4474.0	6132.0	3122.0	4523.0	4949.0	2462.0	2487.0	2178.0	5108.0	10976.0	7986.0
AVERAGE	110.9	144.3	197.8	100.7	145.9	159.6	79.4	80.2	72.2	164.8	354.1	257.6
MAXIMUM	181.0	236.0	469.0	151.0	296.0	253.0	114.0	161.0	149.0	300.0	581.0	389.0
MINIMUM	90.0	102.0	108.0	92.0	87.0	76.0	56.0	47.0	49.0	92.0	197.0	169.0

ANNUAL			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
57448.0	157.4	583.0	47.0

1979/ 7/18 (WED) 14:11:40

STATION		SALVAJINA				CATCHMENT AREA				3630 KM002				UNIT : MM03/SEC				1975-YEAR							
DATE#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	DATE#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	191.0	87.3	254.3	194.0	190.0	193.0	166.0	141.0	121.0	97.0	188.0	550.0	1	245.0	571.0	583.0	393.0	570.0	439.0	478.0	338.0	328.0	4821.0	4216.0	12241.0
2	261.0	107.0	135.0	138.0	180.0	184.0	172.0	119.0	121.0	100.0	87.0	171.0	2	116.0	129.3	176.0	120.0	214.0	152.0	145.0	157.0	116.0	209.0	357.0	301.0
3	257.0	129.0	279.0	181.0	232.0	151.0	150.0	91.0	87.0	94.0	155.0	518.0	3	127.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0
4	136.0	196.0	258.0	167.0	248.0	146.0	157.0	85.0	80.0	107.0	216.0	412.0	4	127.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0
5	157.0	155.0	261.0	137.0	279.0	166.0	212.0	85.0	76.0	104.0	205.0	358.0	5	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
6	146.0	163.0	237.0	165.0	268.0	188.0	183.0	86.0	77.0	99.0	256.0	361.0	6	99.0	172.0	146.0	103.0	146.0	118.0	118.0	99.0	155.0	169.0	244.0	574.0
7	137.0	157.0	226.0	138.0	209.0	168.0	186.0	82.0	84.0	99.0	305.0	597.0	7	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0
8	131.0	212.0	216.0	174.0	235.0	164.0	166.0	85.0	80.0	118.0	284.0	435.0	8	112.0	216.0	137.0	106.0	152.0	160.0	99.0	94.0	132.0	144.0	288.0	300.0
9	125.0	214.0	246.0	146.0	203.0	157.0	177.0	86.0	89.0	96.0	276.0	416.0	9	111.0	185.0	146.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0
10	127.0	182.0	197.0	128.0	225.0	149.0	175.0	84.0	101.0	101.0	306.0	340.0	10	96.0	172.0	146.0	103.0	146.0	118.0	118.0	99.0	155.0	169.0	244.0	574.0
11	119.0	167.0	172.0	129.0	183.0	153.0	144.0	79.0	104.0	122.0	458.0	308.0	11	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0
12	114.0	144.0	160.0	127.0	167.0	133.0	188.0	87.0	91.0	133.0	414.0	274.0	12	106.0	176.0	129.0	116.0	154.0	150.0	110.0	127.0	124.0	262.0	363.0	495.0
13	109.0	177.0	164.0	107.0	136.0	148.0	189.0	91.0	94.0	112.0	244.0	300.0	13	95.0	175.0	126.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0
14	109.0	131.0	207.0	101.0	175.0	154.0	171.0	93.0	110.0	171.0	346.0	232.0	14	95.0	175.0	126.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0
15	105.0	127.0	216.0	171.0	179.0	137.0	177.0	109.0	121.0	149.0	328.0	282.0	15	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
16	107.0	131.0	192.0	101.0	226.0	161.0	146.0	144.0	145.0	225.0	313.0	316.0	16	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
17	116.0	129.0	176.0	120.0	214.0	152.0	145.0	157.0	116.0	209.0	357.0	301.0	17	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0
18	127.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0	18	112.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0
19	117.0	146.0	163.0	106.0	180.0	124.0	141.0	114.0	107.0	176.0	261.0	330.0	19	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
20	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	261.0	330.0	20	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0
21	99.0	172.0	146.0	103.0	146.0	118.0	118.0	99.0	155.0	169.0	244.0	574.0	21	106.0	176.0	129.0	116.0	154.0	150.0	110.0	127.0	124.0	262.0	363.0	495.0
22	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0	22	95.0	175.0	126.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0
23	112.0	216.0	137.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0	23	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
24	111.0	185.0	146.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0	24	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
25	96.0	172.0	146.0	103.0	146.0	118.0	118.0	99.0	155.0	169.0	244.0	574.0	25	106.0	176.0	129.0	116.0	154.0	150.0	110.0	127.0	124.0	262.0	363.0	495.0
26	106.0	176.0	129.0	116.0	154.0	150.0	110.0	127.0	124.0	262.0	363.0	495.0	26	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0
27	106.0	176.0	129.0	116.0	154.0	150.0	110.0	127.0	124.0	262.0	363.0	495.0	27	95.0	175.0	126.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0
28	95.0	175.0	126.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0	28	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
29	87.0	133.0	154.0	101.0	175.0	154.0	171.0	93.0	110.0	171.0	346.0	232.0	29	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
30	87.0	133.0	154.0	101.0	175.0	154.0	171.0	93.0	110.0	171.0	346.0	232.0	30	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
31	82.0	130.0	150.0	101.0	173.0	150.0	173.0	115.0	166.0	192.0	359.0	359.0	31	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
TOTAL	245.0	571.0	583.0	393.0	570.0	439.0	478.0	338.0	328.0	4821.0	4216.0	12241.0	TOTAL	245.0	571.0	583.0	393.0	570.0	439.0	478.0	338.0	328.0	4821.0	4216.0	12241.0
AVERAGE	174.1	181.3	197.7	131.2	185.2	144.6	141.2	104.6	109.8	135.5	307.2	395.3	AVERAGE	174.1	181.3	197.7	131.2	185.2	144.6	141.2	104.6	109.8	135.5	307.2	395.3
MAXIMUM	261.0	365.0	334.0	306.0	289.0	198.0	212.0	166.0	164.0	282.0	458.0	609.0	MAXIMUM	261.0	365.0	334.0	306.0	289.0	198.0	212.0	166.0	164.0	282.0	458.0	609.0
MINIMUM	82.0	89.0	126.0	101.0	132.0	104.0	96.0	74.0	76.0	87.0	171.0	232.0	MINIMUM	82.0	89.0	126.0	101.0	132.0	104.0	96.0	74.0	76.0	87.0	171.0	232.0

ANNUAL

TOTAL	4996.0	136.5	331.0	76.0
AVERAGE	181.6	609.0	76.0	

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STATION		SALVAJINA				CATCHMENT AREA				3630 KM002				UNIT : MM03/SEC				1976-YEAR							
DATE#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	DATE#	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	118.3	155.2	147.6	214.0	162.9	127.2	83.9	101.6	84.6	46.9	91.2	106.7	1	245.0	571.0	583.0	393.0	570.0	439.0	478.0	338.0	328.0	4821.0	4216.0	12241.0
2	101.9	136.7	136.7	211.1	180.6	121.8	113.6	126.7	93.3	55.1	113.7	112.3	2	116.0	129.3	176.0	120.0	214.0	152.0	145.0	157.0	116.0	209.0	357.0	301.0
3	246.5	131.9	203.3	163.2	184.5	112.5	105.9	124.5	64.5	62.9	129.8	122.9	3	127.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0
4	272.7	197.3	147.2	153.7	215.8	110.8	77.1	74.4	45.3	68.7	159.7	150.9	4	127.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0
5	246.1	134.4	153.6	144.7	241.4	124.5	49.0	62.5	45.2	61.7	146.1	150.1	5	107.0	155.0	162.0	106.0	156.0	114.0	127.0	121.0	107.0	176.0	246.0	344.0
6	254.9	167.6	254.5	159.4	201.4	96.8	76.5	56.5	44.4	78.8	153.2	132.4	6	99.0	172.0	146.0	103.0	146.0	118.0	118.0	99.0	155.0	169.0	244.0	574.0
7	234.9	168.3	214.3	112.1	215.3	91.2	151.8	57.0	41.9	112.4	133.9	123.2	7	139.0	217.0	179.0	113.0	143.0	117.0	105.0	95.0	109.0	200.0	353.0	458.0
8	227.6	236.5	221.5	178.3	218.1	101.5	121.3	58.6	38.2	77.8	174.2	120.8	8	112.0	177.0	163.0	193.0	186.0	132.0	164.0	105.0	191.0	286.0	391.0	281.0
9	222.2	154.6	210.4	141.4	195.5	141.7	164.1	63.6	38.1	63.6	119.5	119.5	9	111.0	185.0	146.0	106.0	152.0	160.0	96.0	87.0	145.0	141.0	359.0	466.0
10	216.3	143.7	196.1	216.8	171.2	104.5	193.3	56.2	36.7	44.6	122.6	113.2	10	96.0											

STATION PALACE		CATCHMENT AREA					UNIT 3 4003/SEC					1974-YEAR		
STATION	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1	5.60	7.75	1.39	5.60	10.60	3.30	13.67	8.33	3.65	5.60	8.40	5.60		
2	5.60	14.70	5.60	5.60	15.42	6.95	8.30	9.75	3.65	5.60	11.20	6.30		
3	7.91	14.70	7.65	8.30	17.96	5.60	11.20	9.07	3.65	8.40	8.30	6.95		
4	7.10	16.35	4.75	13.47	12.43	8.10	11.20	5.60	8.30	11.20	4.62	10.87		
5	5.77	14.33	11.22	12.60	13.30	4.27	6.95	6.27	8.30	14.00	3.65	8.30		
6	7.47	11.21	5.61	12.59	13.14	2.01	5.60	11.21	5.60	16.85	4.14	6.68		
7	3.65	9.35	8.40	7.02	11.77	5.60	16.85	12.60	8.59	14.00	4.23	7.35		
8	4.14	11.15	5.60	6.95	11.20	2.90	1.97	6.95	3.94	8.40	5.30	6.16		
9	4.14	11.15	5.32	7.62	8.30	6.27	9.17	9.07	3.94	5.11	6.95	6.27		
10	4.47	14.30	12.60	9.30	7.76	4.62	14.71	11.97	5.47	4.62	6.95	6.55		
11	4.67	14.30	12.57	8.40	7.76	3.65	13.44	14.71	3.75	4.62	21.15	5.60		
12	5.60	7.75	12.60	7.62	5.60	5.60	14.00	13.39	5.21	5.60	13.72	5.60		
13	3.65	11.20	12.27	11.90	6.27	5.60	14.00	14.01	4.62	11.20	11.20	5.60		
14	11.70	8.37	9.82	9.75	6.95	5.60	13.44	15.47	10.02	12.57	11.20	5.60		
15	11.15	8.30	14.02	4.30	6.95	5.60	7.35	12.54	6.95	11.20	9.75	5.60		
16	17.57	3.30	16.95	5.60	9.44	3.65	6.95	5.60	4.62	6.95	6.95	8.30		
17	6.95	8.30	14.00	5.60	7.76	3.65	5.60	5.60	5.11	4.62	8.30	7.62		
18	11.15	4.94	11.20	4.30	5.60	4.62	4.62	5.60	5.11	8.30	6.27	4.62		
19	14.70	12.67	16.95	4.30	5.60	3.60	5.60	12.60	5.60	8.30	5.60	4.62		
20	8.30	6.11	10.91	6.27	5.60	3.65	5.60	5.60	8.40	5.60	8.61	4.33		
21	4.30	6.33	10.91	6.95	6.95	4.14	8.30	3.65	11.20	4.14	4.62	5.11		
22	8.30	14.33	9.44	5.60	13.07	5.60	4.95	7.32	11.20	4.62	8.40	4.33		
23	8.30	5.60	4.30	6.95	10.14	7.62	8.95	4.62	7.91	5.60	6.95	4.62		
24	8.30	5.60	11.20	3.65	9.02	3.30	8.30	6.95	6.95	5.60	6.95	5.11		
25	4.43	5.61	8.30	7.65	6.27	5.60	9.89	4.62	8.40	5.79	9.75	5.60		
26	4.75	5.67	8.30	3.65	6.95	5.21	10.60	4.62	6.95	6.27	10.62	5.79		
27	7.75	5.60	7.76	6.32	4.62	4.62	11.22	3.65	5.60	3.30	5.60	4.62		
28	7.75	7.95	7.76	6.95	4.62	8.30	9.75	3.95	5.60	5.60	6.27	4.62		
29	7.75	7.76	7.76	4.95	4.14	4.02	12.57	1.60	3.65	8.30	7.35	8.30		
30	5.60	7.76	12.65	3.60	12.57	8.30	3.00	5.60	6.95	5.60	8.30	8.30		
31	1.59	7.76	7.76	5.60	5.60	9.75	3.65	5.60	5.60	5.60	8.30	8.30		
TOTAL	236.45	244.24	377.52	230.41	270.12	141.11	290.53	241.39	188.63	233.62	243.33	196.45		
AVERAGE	7.64	7.88	12.18	7.44	8.71	4.55	9.37	7.70	6.29	7.54	8.11	6.35		
MAXIMUM	14.70	14.70	16.27	12.65	17.54	12.57	16.85	15.47	11.20	16.85	21.15	10.87		
MINIMUM	1.50	4.94	3.30	3.65	4.14	3.65	1.97	3.00	3.65	4.14	3.65	4.33		

A N N U A L			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
2004.90	7.94	21.15	1.50

STATION PALACE		CATCHMENT AREA					UNIT 3 4003/SEC					1975-YEAR		
STATION	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.		
1	6.95	7.75	13.30	5.60	16.85	6.25	7.62	14.24	6.95	5.60	8.30	15.28		
2	21.15	7.35	16.27	4.14	16.42	6.43	8.30	5.60	7.76	6.95	7.35	14.45		
3	9.75	4.14	14.00	6.95	19.14	6.25	11.20	6.95	5.60	3.65	9.46	14.28		
4	8.30	4.14	14.71	7.35	21.58	6.95	8.30	5.30	7.35	3.65	10.62	16.85		
5	6.41	4.62	14.00	7.15	16.17	3.03	6.95	7.42	6.55	5.60	6.30	13.44		
6	5.30	5.79	11.20	5.79	11.20	11.05	7.62	11.20	8.30	8.30	7.76	19.70		
7	7.14	3.81	4.30	4.32	12.04	11.90	7.62	10.03	10.18	5.87	19.70	16.13		
8	7.31	6.27	6.33	3.80	15.99	9.00	8.16	4.30	11.20	6.95	16.85	16.27		
9	6.41	6.75	7.49	5.33	20.44	5.30	6.95	6.33	8.30	4.14	19.70	16.85		
10	6.31	6.27	7.49	5.30	15.14	5.60	5.60	8.03	5.60	6.46	22.60	14.99		
11	4.14	5.60	7.35	7.35	13.32	11.20	6.27	6.33	3.65	9.02	22.60	16.14		
12	4.04	5.60	6.64	3.94	16.71	11.35	4.16	3.60	3.65	11.20	19.70	21.13		
13	4.14	5.60	8.30	4.14	16.29	13.30	4.82	5.60	5.60	11.90	14.00	21.15		
14	7.55	4.62	10.14	6.41	11.20	14.00	6.41	6.95	3.65	11.90	11.20	16.85		
15	3.65	3.65	10.62	5.11	4.30	14.71	7.49	22.49	11.20	12.60	11.20	16.27		
16	3.65	3.65	9.17	6.95	9.46	16.56	6.27	23.35	8.30	14.02	8.30	16.27		
17	4.14	1.63	6.27	3.65	8.88	11.22	5.30	22.45	5.60	16.85	8.30	20.86		
18	6.27	4.57	5.60	7.65	5.75	15.42	3.13	21.29	6.95	15.85	9.46	21.15		
19	4.27	6.27	6.27	4.62	11.20	13.17	4.62	19.70	5.60	8.30	9.19	19.70		
20	7.46	3.30	5.87	4.62	4.03	8.30	3.65	4.68	6.95	4.95	7.76	22.60		
21	1.65	5.60	3.64	5.21	6.27	6.30	3.65	7.22	4.62	6.95	8.30	21.20		
22	7.57	11.73	4.53	4.53	5.60	4.35	3.65	8.30	8.30	8.30	11.20	20.00		
23	3.65	13.30	9.02	4.02	5.60	16.14	1.63	10.33	8.30	13.44	13.44	19.70		
24	4.14	14.70	8.30	7.76	5.87	19.70	3.65	11.20	10.62	8.30	16.85	21.15		
25	4.14	17.73	7.49	6.75	5.60	16.14	8.30	11.46	19.31	12.32	15.71	16.85		
26	3.65	16.14	4.14	5.30	5.11	12.63	8.30	10.62	10.45	19.70	19.70	17.56		
27	3.65	16.95	4.62	4.88	4.33	12.32	8.30	10.62	7.76	18.42	10.62	19.70		
28	3.65	23.42	5.60	8.30	3.65	8.30	6.27	9.49	6.95	9.75	17.70	19.70		
29	4.23	6.27	8.30	8.30	10.91	9.75	6.33	10.47	6.95	8.30	19.70	21.15		
30	7.65	5.60	5.60	10.62	11.20	7.02	8.30	12.60	6.95	8.30	18.00	18.27		
31	7.65	5.60	5.60	6.03	5.60	5.60	8.84	9.75	5.60	8.30	8.30	13.72		
TOTAL	166.86	237.14	254.38	194.11	290.92	330.49	212.76	334.92	225.15	297.43	401.59	571.78		
AVERAGE	5.38	7.65	8.20	6.29	9.38	11.02	6.86	10.48	7.51	9.59	13.45	18.44		
MAXIMUM	21.15	20.42	19.27	10.62	21.58	19.70	11.20	23.35	15.31	19.70	22.60	22.60		
MINIMUM	3.52	3.65	3.86	3.65	3.65	5.60	3.65	4.50	3.65	3.65	7.35	13.44		

A N N U A L			
TOTAL	AVERAGE	MAXIMUM	MINIMUM
3582.43	9.41	25.15	3.52



V-4 RUN-OFF DURATION TABLES

	<u>Gauging Station</u>	<u>Catchment Area (Km²)</u>	<u>Recording Period</u>
(1)	Julumito	939.0	Jan. 1962 - Dec. 1976
(2)	Malvasa	35.0	Jan. 1962 - Dec. 1976
(3)	Pte, Carretera	38.0	Jan. 1962 - Dec. 1976

THE UNIVERSITY OF CHICAGO

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY
5708 SOUTH CAMPUS DRIVE
CHICAGO, ILLINOIS 60637

YEAR 1962

FA#	DAILY FLOW DURATION		STATION	UNIT	DRAINAGE AREA		339 C1002	UNIT 1 4003/522																	
1	43.8	31	35.7	51	30.7	91	29.5	121	24.4	151	24.8	181	23.0	211	22.1	241	21.0	271	19.4	301	18.3	331	16.9	361	13.7
2	44.8	32	35.7	52	30.7	92	29.4	122	25.3	152	24.9	182	22.9	212	22.1	242	21.7	272	19.8	302	18.1	332	16.9	362	13.7
3	45.9	33	35.6	53	30.7	93	28.1	123	24.1	153	24.5	183	22.9	213	22.1	243	21.0	273	19.8	303	18.1	333	16.7	363	13.7
4	46.9	34	35.6	54	30.3	94	28.1	124	25.1	154	24.5	184	22.9	214	22.1	244	21.8	274	19.8	304	18.1	334	15.7	364	13.2
5	47.7	35	35.6	55	30.3	95	28.1	125	24.0	155	24.5	185	22.9	215	22.0	245	21.8	275	19.7	305	18.1	335	15.1	365	12.0
6	48.7	36	35.9	56	30.3	96	28.1	126	24.7	156	24.6	186	22.9	216	22.0	246	21.8	276	19.7	306	18.0	336	15.1	366	12.0
7	49.7	37	35.8	57	30.3	97	28.1	127	24.7	157	24.6	187	22.9	217	21.9	247	21.8	277	19.7	307	18.0	337	15.1	367	12.0
8	44.5	38	35.8	58	30.2	98	28.1	128	25.9	158	24.6	188	22.9	218	21.9	248	21.7	278	19.7	308	18.0	338	15.1	368	12.0
9	44.2	39	35.6	59	30.0	99	28.1	129	25.9	159	24.1	189	22.9	219	21.8	249	21.5	279	19.7	309	18.0	339	15.1	369	12.0
10	43.3	40	35.3	71	31.3	100	28.1	131	25.9	161	24.1	191	22.9	220	21.8	250	21.5	280	19.7	310	18.0	340	15.1	370	12.0
11	47.7	41	37.4	71	30.0	101	28.0	131	25.8	161	24.0	191	22.9	221	21.8	251	21.5	281	19.7	311	17.8	341	15.3	371	12.0
12	42.5	42	37.6	72	30.0	102	27.9	132	25.8	162	24.1	192	22.8	222	21.8	252	21.5	282	19.7	312	17.8	342	15.2	372	12.0
13	42.0	43	37.2	73	29.8	103	27.9	133	25.7	163	24.0	193	22.8	223	21.8	253	21.5	283	19.5	313	17.8	343	15.2	373	12.0
14	41.5	44	37.2	74	29.8	104	27.8	134	25.6	164	24.0	194	22.7	224	21.8	254	21.4	284	19.5	314	17.7	344	15.2	374	12.0
15	41.5	45	37.2	75	29.8	105	27.8	135	25.6	165	24.0	195	22.7	225	21.8	255	21.4	285	19.5	315	17.7	345	15.0	375	12.0
16	40.5	46	31.9	76	29.4	106	27.6	136	25.4	166	24.0	196	22.6	226	21.5	256	21.4	286	19.4	316	17.5	346	15.0	376	12.0
17	40.3	47	31.8	77	29.4	107	27.4	137	25.4	167	24.0	197	22.6	227	21.5	257	21.3	287	19.2	317	17.5	347	15.0	377	12.0
18	39.8	48	31.5	78	29.3	108	27.3	138	25.4	168	24.0	198	22.6	228	21.5	258	21.3	288	19.2	318	17.5	348	14.7	378	12.0
19	38.8	49	31.5	79	29.3	109	27.3	139	25.0	169	24.0	199	22.4	229	21.5	259	21.3	289	19.2	319	17.5	349	14.7	379	12.0
20	38.8	50	31.5	80	29.3	110	27.2	140	25.0	170	24.0	200	22.4	230	21.4	260	21.2	290	19.1	320	17.5	350	14.7	380	12.0
21	38.6	51	31.5	81	29.1	111	27.1	141	25.0	171	24.0	201	22.3	231	21.3	261	21.2	291	19.1	321	17.5	351	14.6	381	12.0
22	37.3	52	31.5	82	29.1	112	27.1	142	25.0	172	24.0	202	22.3	232	21.3	262	21.2	292	19.1	322	17.5	352	14.2	382	12.0
23	37.9	53	31.5	83	28.8	113	27.1	143	25.0	173	24.0	203	22.3	233	21.3	263	21.2	293	18.8	323	17.4	353	14.2	383	12.0
24	37.8	54	31.5	84	28.8	114	27.1	144	25.0	174	24.0	204	22.3	234	21.1	264	21.2	294	18.8	324	17.4	354	14.2	384	12.0
25	34.2	55	31.5	85	28.7	115	26.7	145	24.9	175	24.0	205	22.3	235	21.1	265	21.2	295	18.7	325	17.2	355	14.2	385	12.0
26	34.1	56	31.5	86	28.6	116	26.7	146	24.9	176	24.0	206	22.3	236	21.1	266	21.1	296	18.6	326	16.9	356	14.2	386	12.0
27	35.6	57	31.5	87	28.6	117	26.6	147	24.9	177	24.0	207	22.3	237	21.0	267	21.1	297	18.5	327	16.9	357	14.0	387	12.0
28	35.4	58	31.5	88	28.5	118	26.4	148	24.9	178	24.0	208	22.3	238	21.0	268	21.0	298	18.5	328	16.9	358	13.7	388	12.0
29	35.4	59	31.5	89	28.5	119	26.4	149	24.9	179	24.0	209	22.2	239	21.0	269	21.0	299	18.3	329	16.9	359	13.7	389	12.0
30	35.7	60	31.5	90	28.5	120	26.4	150	24.9	180	24.0	210	22.1	240	21.7	270	21.4	300	18.3	330	16.9	360	13.7	390	12.0

FLOW DURATION MIN-MAX 35-DAYS 95-DAYS 195-DAYS 275-DAYS 355-DAYS MIN MEAN
MIN-MAX 63.80 34.10 28.10 22.97 19.70 14.70

YEAR 1953

FA#	DAILY FLOW DURATION		STATION	UNIT	DRAINAGE AREA		439 C1002	UNIT 1 4003/52C																	
1	44.2	31	42.5	41	32.7	121	23.7	151	25.4	211	26.0	241	22.9	271	21.3	301	19.4	331	18.4	361	13.7	391	9.4		
2	43.5	32	42.4	42	32.3	122	24.5	152	27.4	182	25.4	212	24.0	242	22.9	272	21.3	302	18.3	332	13.7	362	9.1	392	9.1
3	47.4	33	42.1	43	32.3	123	27.5	153	27.4	183	25.4	213	24.0	243	22.9	273	21.3	303	18.2	333	13.7	363	9.1	393	9.1
4	47.1	34	42.4	44	32.3	124	29.4	154	27.2	184	25.4	214	23.9	244	22.8	274	21.2	304	17.9	334	13.7	364	9.1	394	9.1
5	44.9	35	42.2	45	32.3	125	29.3	155	27.2	185	25.4	215	23.9	245	22.8	275	21.1	305	17.8	335	13.7	365	9.1	395	9.1
6	44.1	36	42.2	46	32.0	126	29.2	156	27.2	186	25.4	216	23.9	246	22.8	276	21.1	306	17.7	336	13.6	366	9.1	396	9.1
7	42.2	37	42.2	47	32.0	127	29.2	157	27.1	187	25.4	217	23.9	247	22.8	277	21.0	307	17.6	337	13.6	367	9.1	397	9.1
8	42.9	38	42.1	48	31.5	128	29.2	158	27.1	188	25.4	218	23.9	248	22.8	278	20.8	308	17.4	338	13.6	368	9.1	398	9.1
9	43.1	39	42.9	49	31.4	129	29.1	159	27.1	189	25.4	219	23.9	249	22.7	279	20.7	309	17.4	339	13.6	369	9.1	399	9.1
10	42.4	40	42.4	50	31.4	130	29.0	160	27.0	190	25.3	220	23.8	250	22.7	280	20.7	310	17.2	340	13.6	370	9.1	400	9.1
11	48.5	41	42.4	51	31.2	131	29.0	161	26.9	191	25.3	221	23.8	251	22.6	281	20.6	311	17.2	341	13.6	371	9.1	401	9.1
12	44.2	42	42.8	52	31.2	132	28.8	162	26.9	192	25.3	222	23.8	252	22.6	282	20.6	312	17.2	342	13.6	372	9.1	402	9.1
13	44.2	43	42.8	53	31.1	133	28.8	163	26.8	193	25.3	223	23.8	253	22.6	283	20.6	313	17.2	343	13.6	373	9.1	403	9.1
14	45.0	44	42.8	54	31.1	134	28.8	164	26.7	194	25.3	224	23.8	254	22.6	284	20.3	314	17.1	344	13.6	374	9.1	404	9.1
15	45.9	45	42.7	55	31.1	135	28.4	165	26.7	195	25.3	225	23.8	255	22.3	285	20.3	315	16.9	345	13.6	375	9.1	405	9.1
16	45.7	46	42.7	56	31.5	136	29.4	166	26.7	196	26.8	226	23.8	256	22.2	286	19.4	316	16.7	346	13.6	376	9.1	406	9.1
17	45.8	47	42.8	57	31.5	137	29.2	167	26.7	197	26.8	227	23.8	257	22.2	287	19.4	317	16.5	347	13.6	377	9.1	407	9.1
18	45.1	48	42.4	58	31.4	138	30.7	168	26.6	198	26.7	228	23.8	258	22.2	288	19.4	318	16.6	348	13.6	378	9.1	408	9.1
19	43.1	49	42.8	59	31.4	139	31.1	169	26.6	199	26.7	229	23.8	259	22.1	289	19.5	319	16.5	349	13.6	379	9.1	409	9.1
20	42.9	50	42.7	60	31.4	140	30.4	170	26.3	200	26.6	230	23.5	260	22.1	290	19.5	320	16.1	350	13.6	380	9.1	410	9.1
21	42.5	51	42.7	61	31.5	141	29.1	171	26.3	201	26.3	231	23.5	261	22.1	291	19.4	321	15.8	351	13.6	381	9.1	411	9.1
22	42.4	52	42.4	62	31.1	142	28.1	172	26.2	202	26.3	232	23.3	262	22.1	292	19.3	322	15.8	352	13.6	382	9.1	412	9.1
23	41.8	53	42.5	63	32.2	143	27.5	173	26.2	203	26.3	233	23.3	263	22.1	293	19.2	323	15.8	353	13.6	383	9.1	413	9.1
24	41.6	54	42.5	64	33																				

Year 1964

TABLE	DAILY FLOW DURATION				STATION	JURISDICTION	CATCHMENT AREA				939 (400)	UNIT : CCM3/SEC													
1	75.3	31	41.6	41	32.0	91	28.4	121	25.1	151	22.5	191	29.7	211	19.4	241	18.3	271	17.4	301	16.4	331	15.6	361	15.0
2	71.2	32	42.3	42	32.7	92	28.3	122	25.0	152	22.4	192	29.6	212	19.3	242	18.2	272	17.3	302	16.3	332	15.5	362	14.9
3	67.1	33	43.4	43	31.9	93	28.2	123	24.9	153	22.3	193	29.5	213	19.2	243	18.1	273	17.2	303	16.2	333	15.4	363	14.8
4	63.0	34	44.5	44	31.7	94	27.9	124	24.8	154	22.2	194	29.4	214	19.1	244	18.0	274	17.1	304	16.1	334	15.3	364	14.7
5	58.9	35	45.6	45	31.6	95	27.8	125	24.7	155	22.1	195	29.3	215	19.0	245	17.9	275	17.0	305	16.0	335	15.2	365	14.6
6	54.8	36	46.7	46	31.5	96	27.7	126	24.6	156	22.0	196	29.2	216	18.9	246	17.8	276	16.9	306	15.9	336	15.1	366	14.5
7	50.7	37	47.8	47	31.3	97	27.6	127	24.5	157	21.9	197	29.1	217	18.8	247	17.7	277	16.8	307	15.8	337	15.0	367	14.4
8	46.6	38	48.9	48	31.1	98	27.5	128	24.4	158	21.8	198	29.0	218	18.7	248	17.6	278	16.7	308	15.7	338	14.9	368	14.3
9	42.5	39	50.0	49	31.0	99	27.4	129	24.3	159	21.7	199	28.9	219	18.6	249	17.5	279	16.6	309	15.6	339	14.8	369	14.2
10	38.4	40	51.1	50	30.9	100	27.3	130	24.2	160	21.6	200	28.8	220	18.5	250	17.4	280	16.5	310	15.5	340	14.7	370	14.1
11	34.3	41	52.2	51	30.9	101	27.0	131	24.1	161	21.5	201	28.7	221	18.4	251	17.3	281	16.4	311	15.4	341	14.6	371	14.0
12	30.2	42	53.3	52	30.8	102	26.9	132	24.0	162	21.4	202	28.6	222	18.3	252	17.2	282	16.3	312	15.3	342	14.5	372	13.9
13	26.1	43	54.4	53	30.8	103	26.7	133	24.1	163	21.4	203	28.2	223	18.0	253	17.1	283	16.2	313	15.2	343	14.4	373	13.8
14	22.0	44	55.5	54	30.7	104	26.6	134	24.0	164	21.3	204	28.1	224	17.9	254	17.0	284	16.1	314	15.1	344	14.3	374	13.7
15	17.9	45	56.6	55	30.6	105	26.5	135	23.9	165	21.3	205	27.7	225	17.8	255	16.9	285	16.0	315	15.0	345	14.2	375	13.6
16	13.8	46	57.7	56	30.5	106	26.4	136	23.8	166	21.2	206	27.6	226	17.7	256	16.8	286	15.9	316	14.9	346	14.1	376	13.5
17	9.7	47	58.8	57	30.5	107	26.3	137	23.7	167	21.1	207	27.5	227	17.6	257	16.7	287	15.8	317	14.8	347	14.0	377	13.4
18	5.6	48	59.9	58	30.4	108	26.2	138	23.6	168	21.1	208	27.4	228	17.5	258	16.6	288	15.7	318	14.7	348	13.9	378	13.3
19	1.5	49	61.0	59	30.4	109	26.1	139	23.5	169	21.0	209	27.3	229	17.4	259	16.5	289	15.6	319	14.6	349	13.8	379	13.2
20	0.4	50	62.1	60	30.3	110	26.1	140	23.5	170	21.0	210	27.3	230	17.3	260	16.4	290	15.5	320	14.5	350	13.7	380	13.1
21	0.3	51	63.2	61	30.3	111	25.9	141	23.3	171	21.0	211	27.2	231	17.2	261	16.3	291	15.4	321	14.4	351	13.6	381	13.0
22	0.2	52	64.3	62	30.2	112	25.8	142	23.2	172	21.0	212	27.1	232	17.1	262	16.2	292	15.3	322	14.3	352	13.5	382	12.9
23	0.1	53	65.4	63	30.2	113	25.7	143	23.1	173	21.0	213	27.0	233	17.0	263	16.1	293	15.2	323	14.2	353	13.4	383	12.8
24	0.0	54	66.5	64	30.1	114	25.7	144	23.1	174	21.0	214	26.9	234	16.9	264	16.0	294	15.1	324	14.1	354	13.3	384	12.7
25	0.0	55	67.6	65	30.1	115	25.6	145	23.0	175	21.0	215	26.8	235	16.8	265	15.9	295	15.0	325	14.0	355	13.2	385	12.6
26	0.0	56	68.7	66	30.0	116	25.6	146	23.0	176	21.0	216	26.7	236	16.7	266	15.8	296	14.9	326	13.9	356	13.1	386	12.5
27	0.0	57	69.8	67	30.0	117	25.5	147	22.9	177	21.0	217	26.6	237	16.6	267	15.7	297	14.8	327	13.8	357	13.0	387	12.4
28	0.0	58	70.9	68	29.9	118	25.5	148	22.9	178	21.0	218	26.5	238	16.5	268	15.6	298	14.7	328	13.7	358	12.9	388	12.3
29	0.0	59	72.0	69	29.8	119	25.4	149	22.8	179	21.0	219	26.4	239	16.4	269	15.5	299	14.6	329	13.6	359	12.8	389	12.2
30	0.0	60	73.1	70	29.8	120	25.4	150	22.8	180	21.0	220	26.4	240	16.3	270	15.4	300	14.5	330	13.5	360	12.7	390	12.1

FLOW DURATION	MIN	35-DAYS	95-DAYS	135-DAYS	275-DAYS	335-DAYS	MIN	MEAN
MIN-MAX	76.30	60.20	27.90	20.50	17.30	13.40	17.30	24.40

Year 1965

TABLE	DAILY FLOW DURATION				STATION	JURISDICTION	CATCHMENT AREA				939 (400)	UNIT : CCM3/SEC													
1	75.8	31	47.3	41	40.2	91	31.9	121	27.1	151	25.1	191	31.9	211	19.8	241	14.4	271	17.1	301	15.9	331	14.0	361	12.2
2	71.9	32	48.4	42	40.1	92	31.8	122	27.0	152	25.0	192	31.8	212	19.7	242	14.3	272	17.0	302	15.8	332	14.0	362	12.2
3	68.0	33	49.5	43	39.8	93	31.5	123	26.9	153	24.9	193	31.6	213	19.6	243	14.2	273	16.9	303	15.7	333	13.9	363	11.8
4	64.1	34	50.6	44	39.5	94	31.5	124	26.7	154	24.8	194	31.5	214	19.5	244	14.1	274	16.8	304	15.6	334	13.8	364	11.6
5	60.2	35	51.7	45	39.3	95	31.2	125	26.6	155	24.7	195	31.4	215	19.4	245	14.0	275	16.7	305	15.5	335	13.7	365	11.4
6	56.3	36	52.8	46	39.2	96	31.1	126	26.4	156	24.6	196	31.3	216	19.3	246	13.9	276	16.6	306	15.4	336	13.6	366	11.3
7	52.4	37	53.9	47	39.2	97	31.1	127	26.3	157	24.5	197	31.2	217	19.2	247	13.8	277	16.5	307	15.3	337	13.5	367	11.2
8	48.5	38	55.0	48	39.1	98	30.9	128	26.2	158	24.4	198	31.1	218	19.1	248	13.7	278	16.4	308	15.2	338	13.4	368	11.1
9	44.6	39	56.1	49	39.0	99	30.8	129	26.1	159	24.3	199	31.0	219	19.0	249	13.6	279	16.3	309	15.1	339	13.3	369	11.0
10	40.7	40	57.2	50	38.9	100	30.8	130	26.1	160	24.3	200	30.9	220	18.9	250	13.5	280	16.2	310	15.0	340	13.2	370	10.9
11	36.8	41	58.3	51	38.8	101	30.7	131	26.0	161	24.2	201	30.8	221	18.8	251	13.4	281	16.1	311	14.9	341	13.1	371	10.8
12	32.9	42	59.4	52	38.7	102	30.7	132	25.9	162	24.2	202	30.7	222	18.7	252	13.3	282	16.0	312	14.8	342	13.0	372	10.7
13	29.0	43	60.5	53	38.6	103	30.6	133	25.8	163	24.1	203	30.6	223	18.6	253	13.2	283	15.9	313	14.7	343	12.9	373	10.6
14	25.1	44	61.6	54	38.5	104	30.5	134	25.8	164	24.1	204	30.5	224	18.5	254	13.1	284	15.8	314	14.6	344	12.8	374	10.5
15	21.2	45	62.7	55	38.4	105	30.4	135	25.7	165	24.0	205	30.4	225	18.4	255	13.0	285	15.7	315	14.5	345	12.7	375	10.4
16	17.3	46	63.8	56	38.2	106	30.2	136	25.6	166	23.9	206	30.3	226	18.3	256	12.9	286	15.6	316	14.4	346	12.6	376	10.3
17	13.4	47	64.9	57	38.2	107	30.2	137	25.6	167	23.9	207	30.2	227	18.2	257	12.8	287	15.5	317	14.3	347	12.5	377	10.2
18	9.5	48	66.0	58	38.1	108	30.1	138	25.5	168	23.8	208	30.1	228	18.1	258	12.7	288	15.4	318	14.2	348	12.4	378	10.1
19	5.6	49	67.1	59	38.0	109	30.0	139	25.4	169	23.7	209	29.9	229	18.0	259	12.6	289	15.3	319	14.1	349	12.3	379	10.0
20	1.7	50	68.2	60	37.9	110	29.9	140	25.3	170	23.7	210	29.8	230	17.9	260	12.5	290	15.2	320	14.0	350	12.2	380	9.9
21	0.8	51	69.3	61	37.7	111	29.8	141	25.2	171	23.6	211	29.7	231	17.8	261	12.4	291	15.1	321	13.9	351	12.1	381	9.8
22	0.7	52	70.4	62	37.6	112	29.8	142	25.1	172	23.5	212	29.6	232	17.7	262	12.3	292	15.0	322	13.8	352	12.0	382	9.7
23	0.6	53	71.5	63	37.5	113	29.7	143	25.0	173	23.4	213	29												

YFAL 1966

TABLE		DAILY FLOW DURATION				STATION		LIMITS		CATCHMENT AREA				930 KM ²		UNIT : CM ³ /SEC									
1	61.0	31	45.6	51	20.8	91	24.6	171	22.8	151	21.2	181	19.5	211	18.3	241	17.4	271	15.6	301	15.6	331	14.5	351	12.8
2	52.9	32	44.4	52	20.5	92	24.5	172	22.7	152	21.7	182	19.4	212	18.3	242	17.4	272	15.6	302	15.6	332	14.5	352	12.5
3	41.2	33	44.4	53	20.5	93	24.5	173	22.7	153	20.7	183	19.4	213	18.2	243	17.4	273	15.5	303	15.5	333	14.5	353	12.5
4	41.2	34	44.2	54	20.1	94	24.5	174	22.8	154	21.7	184	19.3	214	18.2	244	17.3	274	15.5	304	15.5	334	14.4	354	12.4
5	40.8	35	42.7	55	20.0	95	24.5	175	22.4	155	20.7	185	19.2	215	18.2	245	17.3	275	15.5	305	15.5	335	14.4	355	12.4
6	41.2	36	41.8	56	20.8	96	24.4	176	22.4	156	21.7	186	19.2	216	18.2	246	17.3	276	15.5	306	15.5	336	14.3	356	12.4
7	52.9	37	42.3	57	20.8	97	24.3	177	22.4	157	21.4	187	19.2	217	18.2	247	17.3	277	15.4	307	15.4	337	14.2	357	12.4
8	52.9	38	43.4	58	20.4	98	24.3	178	22.4	158	21.5	188	19.1	218	18.2	248	17.3	278	15.4	308	15.4	338	14.2	358	12.4
9	52.9	39	42.3	59	20.3	99	24.2	179	22.2	159	20.4	189	18.9	219	18.1	249	17.2	279	15.4	309	15.4	339	14.1	359	12.4
10	52.9	40	39.9	60	20.2	100	24.2	180	22.2	160	20.3	190	18.9	220	17.9	250	17.2	280	15.3	310	15.4	340	14.1	360	12.4
11	57.0	41	39.7	71	20.0	101	23.9	181	22.2	161	20.2	191	18.9	221	17.9	251	17.2	281	15.3	311	15.3	341	14.1	361	12.4
12	54.9	42	37.6	72	22.7	102	23.7	182	22.7	162	21.1	192	18.9	222	17.9	252	17.2	282	15.3	312	15.3	342	14.0	362	12.4
13	54.2	43	38.1	73	27.4	103	23.7	183	22.0	163	20.1	193	18.9	223	17.8	253	17.2	283	15.2	313	15.2	343	14.0	363	12.4
14	54.9	44	37.7	74	27.3	104	23.7	184	21.9	164	21.3	194	18.8	224	17.8	254	17.2	284	15.2	314	15.2	344	14.0	364	12.4
15	54.1	45	37.2	75	27.2	105	23.4	185	21.9	165	20.0	195	18.8	225	17.8	255	17.1	285	15.1	315	15.2	345	14.0	365	12.4
16	54.3	46	36.4	76	26.9	106	23.4	186	21.9	166	21.7	196	18.8	226	17.7	256	17.0	286	15.1	316	15.2	346	14.0	366	12.4
17	54.2	47	34.9	77	26.5	107	23.4	187	21.9	167	20.0	197	18.7	227	17.6	257	17.0	287	15.0	317	15.0	347	14.0	367	12.4
18	52.9	48	34.9	78	24.5	108	23.4	188	21.9	168	21.7	198	18.7	228	17.4	258	16.9	288	14.0	318	15.0	348	13.9	368	12.4
19	52.7	49	35.7	79	20.3	109	23.4	189	21.8	169	19.9	199	18.7	229	17.4	259	16.9	289	15.9	319	15.0	349	13.9	369	12.4
20	52.4	50	35.3	80	20.3	110	23.4	190	21.7	170	19.9	200	18.6	230	17.4	260	16.9	290	15.9	320	15.0	350	13.9	370	12.4
21	51.1	51	34.6	81	25.7	111	23.3	191	21.7	171	19.8	201	18.4	231	17.4	261	16.9	291	15.9	321	14.9	351	13.4	371	12.4
22	51.1	52	33.6	82	25.7	112	23.3	192	21.7	172	19.8	202	18.4	232	17.5	262	16.9	292	15.9	322	14.8	352	13.7	372	12.4
23	51.7	53	33.2	83	25.3	113	23.3	193	21.6	173	19.7	203	18.4	233	17.5	263	16.9	293	15.9	323	14.7	353	13.7	373	12.4
24	50.8	54	33.2	84	25.2	114	23.1	194	21.6	174	19.7	204	18.4	234	17.5	264	16.9	294	15.8	324	14.7	354	13.7	374	12.4
25	50.2	55	33.2	85	25.2	115	23.2	195	21.4	175	19.7	205	18.5	235	17.5	265	16.8	295	15.7	325	14.7	355	13.6	375	12.4
26	50.8	56	32.7	86	25.0	116	23.2	196	21.4	176	19.4	206	18.4	236	17.5	266	16.8	296	15.7	326	14.7	356	13.5	376	12.4
27	50.0	57	32.6	87	25.0	117	23.2	197	21.4	177	19.4	207	18.4	237	17.5	267	16.8	297	15.7	327	14.6	357	13.2	377	12.4
28	50.0	58	31.6	88	24.8	118	23.1	198	21.3	178	19.4	208	18.4	238	17.4	268	16.7	298	15.7	328	14.6	358	13.1	378	12.4
29	47.9	59	30.3	89	24.7	119	23.1	199	21.2	179	19.5	209	18.3	239	17.4	269	16.7	299	15.7	329	14.6	359	12.9	379	12.4
30	44.7	60	29.3	90	24.7	120	23.1	200	21.2	180	19.5	210	18.3	240	17.4	270	16.7	300	15.6	330	14.6	360	12.3	380	12.3

FLOW DURATION MAX 35-DAYS 95-DAYS 195-DAYS 275-DAYS 355-DAYS MIN MEAN
 RIN-DEF 63.90 42.70 24.50 19.20 16.50 13.60 12.40 23.50

YFAL 1967

TABLE		DAILY FLOW DURATION				STATION		LIMITS		CATCHMENT AREA				930 KM ²		UNIT : CM ³ /SEC									
1	70.1	31	42.1	51	35.7	91	31.5	171	27.9	151	23.1	181	24.7	211	24.9	241	22.9	271	21.5	301	18.9	331	15.1	351	11.9
2	44.7	32	41.8	52	35.7	92	31.5	172	29.0	152	20.0	182	24.7	212	24.9	242	22.8	272	21.5	302	18.8	332	15.0	352	11.7
3	44.3	33	41.4	53	35.2	93	31.5	173	29.8	153	24.3	183	24.7	213	24.9	243	22.9	273	21.5	303	18.8	333	14.9	353	11.2
4	41.7	34	41.3	54	35.2	94	31.4	174	29.7	154	24.0	184	24.7	214	24.8	244	22.7	274	21.4	304	18.7	334	14.9	354	10.7
5	41.0	35	40.5	55	35.2	95	31.3	175	29.4	155	24.3	185	24.7	215	24.8	245	22.6	275	21.3	305	18.5	335	14.9	355	12.4
6	57.0	36	40.1	56	34.9	96	31.2	176	29.4	156	24.0	186	24.3	216	24.6	246	22.5	276	21.3	306	18.1	336	14.4	356	12.4
7	54.5	37	40.7	57	34.9	97	31.1	177	29.5	157	24.3	187	24.3	217	24.5	247	22.5	277	21.1	307	17.8	337	14.7	357	12.4
8	54.2	38	39.7	58	34.4	98	31.1	178	29.5	158	24.0	188	24.2	218	24.5	248	22.4	278	21.1	308	17.7	338	14.7	358	12.4
9	42.1	39	39.4	59	34.4	99	31.1	179	29.4	159	23.9	189	24.2	219	24.3	249	22.3	279	21.0	309	17.6	339	14.7	359	12.4
10	41.7	40	38.9	70	34.2	100	31.0	180	29.4	160	23.9	190	24.1	220	24.3	250	22.3	280	20.9	310	17.4	340	14.5	360	12.4
11	41.4	41	38.7	71	33.9	101	31.9	181	29.2	161	23.9	191	24.0	221	24.2	251	22.3	281	20.8	311	17.4	341	14.5	361	12.4
12	51.4	42	38.4	72	33.9	102	30.9	182	29.2	162	23.9	192	23.9	222	24.1	252	22.3	282	20.8	312	17.4	342	14.5	362	12.4
13	51.5	43	38.4	73	33.8	103	30.8	183	29.0	163	23.9	193	23.9	223	24.1	253	22.3	283	20.7	313	17.4	343	14.5	363	12.4
14	51.5	44	38.3	74	33.5	104	30.8	184	29.0	164	23.7	194	23.9	224	24.0	254	22.3	284	20.6	314	17.4	344	14.4	364	12.4
15	48.2	45	38.3	75	33.5	105	30.7	185	29.0	165	23.7	195	23.9	225	24.0	255	22.2	285	20.3	315	17.0	345	14.2	365	12.4
16	47.4	46	38.3	76	33.5	106	30.7	186	28.9	166	23.6	196	23.8	226	24.0	256	22.1	286	20.2	316	16.9	346	14.2	366	12.4
17	47.3	47	38.1	77	33.4	107	30.7	187	28.9	167	23.6	197	23.7	227	23.9	257	22.0	287	20.2	317	16.8	347	14.2	367	12.4
18	47.3	48	37.6	78	33.2	108	30.7	188	28.9	168	23.4	198	23.7	228	23.8	258	22.0	288	20.0	318	16.8	348	13.6	368	12.4
19	47.1	49	37.5	79	33.1	109	30.6	189	28.8	169	23.4	199	23.7	229	23.8	259	22.0	289	19.9	319	16.8	349	13.4	369	12.4
20	44.9	50	37.5	80	32.7	110	30.5	190	28.7	170	23.4	200	23.6	230	23.7	260	22.0	290	19.8	320	16.6	350	13.4	370	12.4
21	44.9	51	37.4	81	32.5	111	30.4	191	28.7	171	23.3	201	23.5	231	23.7	261	21.9	291	19.6	321	16.6	351	13.2	371	12.4
22	44.2	52	37.1	82	32.4	112	30.4	192	28.7	172	23.2	202	23.4	232	23.7	262	21.9	292	19.5	322	16.6	352	13.0	372	12.4
23	44.9	53	37.0	83	32.0	113	30.4	193	28.6	173	23.1	203	23.4	233											

YEAR 1958

TABLE		DAILY FLOW DURATION		STATION		JULIUMITO		CATCHMENT AREA		939 KM ²		UNIT : M ³ /SEC													
1	81.3	31	45.4	41	31.3	91	25.7	121	22.9	151	20.8	181	18.8	211	17.2	241	14.0	271	14.9	301	14.0	331	13.0	361	11.1
2	71.0	32	45.2	52	30.6	92	25.7	122	22.9	152	20.6	182	18.8	212	17.1	242	14.0	272	14.9	302	14.0	332	13.0	362	11.1
3	70.0	33	45.1	53	30.6	93	25.7	123	22.6	153	20.6	183	18.8	213	17.1	243	14.0	273	14.9	303	14.0	333	12.9	363	11.1
4	65.7	34	44.5	54	30.5	94	25.7	124	22.6	154	20.5	184	18.9	214	17.0	244	13.9	274	14.8	304	14.0	334	12.9	364	11.0
5	47.1	35	44.5	55	30.3	95	25.4	125	22.5	155	20.4	185	18.8	215	16.9	245	13.9	275	14.8	305	14.0	335	12.9	365	11.0
6	31.8	36	43.9	56	30.2	96	25.1	126	22.5	156	20.4	186	18.6	216	16.9	246	13.7	276	14.8	306	13.9	336	12.8	366	10.4
7	41.3	37	42.9	57	30.1	97	25.1	127	22.4	157	20.4	187	18.5	217	16.8	247	13.6	277	14.7	307	13.8	337	12.8		
8	41.2	38	42.2	58	29.6	98	25.2	128	22.4	158	20.3	188	18.4	218	16.8	248	13.5	278	14.7	308	13.8	338	12.7		
9	40.2	39	41.7	59	29.3	99	25.0	129	22.4	159	20.2	189	18.4	219	16.7	249	13.5	279	14.7	309	13.8	339	12.7		
10	37.1	40	41.4	60	28.7	100	24.8	130	22.1	160	20.1	190	18.4	220	16.7	250	13.4	280	14.7	310	13.7	340	12.7		
11	39.3	41	39.3	71	27.9	101	24.4	131	22.0	161	19.8	191	18.4	221	16.7	251	13.4	281	14.7	311	13.7	341	12.7		
12	39.2	42	39.2	72	27.9	132	24.4	132	22.0	162	19.8	192	18.4	222	16.7	252	13.4	282	14.6	312	13.7	342	12.6		
13	39.0	43	38.4	73	27.9	103	24.3	133	21.7	163	19.8	193	18.1	223	16.7	253	13.4	283	14.6	313	13.7	343	12.6		
14	38.1	44	38.4	74	27.9	104	24.5	134	21.4	164	19.8	194	18.0	224	16.7	254	13.4	284	14.6	314	13.7	344	12.4		
15	34.7	45	38.4	75	27.8	105	24.1	135	21.4	165	19.7	195	18.0	225	16.6	255	13.3	285	14.6	315	13.6	345	12.3		
16	34.7	46	37.4	76	27.8	106	24.1	136	21.4	166	19.7	196	18.0	226	16.6	256	13.3	286	14.6	316	13.6	346	12.1		
17	34.4	47	37.3	77	27.8	107	24.1	137	21.4	167	19.6	197	17.9	227	16.6	257	13.3	287	14.5	317	13.6	347	12.1		
18	34.2	48	36.5	78	27.3	108	24.7	138	21.4	168	19.6	198	17.9	228	16.6	258	13.2	288	14.5	318	13.6	348	12.1		
19	33.0	49	36.1	79	27.1	109	23.9	139	21.3	169	19.4	199	17.8	229	16.5	259	13.2	289	14.4	319	13.5	349	12.1		
20	32.2	50	36.2	80	27.1	110	23.8	140	21.3	170	19.4	200	17.7	230	16.5	260	13.2	290	14.4	320	13.4	350	12.0		
21	32.1	51	35.0	81	26.8	111	23.7	141	21.2	171	19.4	201	17.7	231	16.4	261	13.2	291	14.3	321	13.4	351	11.9		
22	32.0	52	34.8	82	26.8	112	23.7	142	21.2	172	19.4	202	17.7	232	16.4	262	13.2	292	14.3	322	13.4	352	11.9		
23	31.5	53	33.8	83	26.7	113	23.4	143	21.2	173	19.4	203	17.6	233	16.4	263	13.2	293	14.3	323	13.4	353	11.9		
24	30.3	54	33.8	84	26.6	114	23.4	144	21.2	174	19.4	204	17.6	234	16.4	264	13.2	294	14.3	324	13.3	354	11.9		
25	29.2	55	32.6	85	26.6	115	23.4	145	21.1	175	19.3	205	17.5	235	16.4	265	13.1	295	14.2	325	13.3	355	11.9		
26	28.8	56	32.3	86	26.4	116	23.2	146	21.0	176	19.1	206	17.5	236	16.4	266	13.1	296	14.2	326	13.3	356	11.9		
27	27.2	57	32.2	87	26.1	117	23.0	147	20.9	177	19.0	207	17.5	237	16.2	267	13.0	297	14.2	327	13.2	357	11.5		
28	27.2	58	31.9	88	26.0	118	23.7	148	20.8	178	18.9	208	17.5	238	16.2	268	13.0	298	14.2	328	13.2	358	11.5		
29	24.7	59	31.7	89	25.8	119	23.0	149	20.8	179	18.8	209	17.3	239	16.1	269	12.9	299	14.1	329	13.1	359	11.5		
30	25.9	60	31.3	90	25.7	120	23.7	150	21.8	180	19.3	210	17.7	240	16.1	270	12.9	300	14.0	330	13.1	360	11.1		

FLOW DURATION	MAX	35-DAYS	95-DAYS	195-DAYS	275-DAYS	355-DAYS	MIN	MEAN
Q10-DFP	81.30	45.40	25.40	14.40	14.40	11.90	10.40	23.10

YEAR 1959

TABLE		DAILY FLOW DURATION		STATION		JULIUMITO		CATCHMENT AREA		939 KM ²		UNIT : M ³ /SEC													
1	148.2	31	42.3	41	37.3	91	33.2	121	29.8	151	26.8	181	24.5	211	22.5	241	21.4	271	19.6	301	15.4	331	12.8	361	10.0
2	117.9	32	42.3	52	37.3	92	33.1	122	29.8	152	26.8	182	24.2	212	22.5	242	20.8	272	18.4	302	15.4	332	12.8	362	9.8
3	118.4	33	42.3	53	37.0	93	33.1	123	29.8	153	26.6	183	24.2	213	22.5	243	20.8	273	18.4	303	15.3	333	12.3	363	9.8
4	72.6	34	42.1	54	36.9	94	33.0	124	29.8	154	26.5	184	24.2	214	22.4	244	20.8	274	18.3	304	15.2	334	12.3	364	9.8
5	59.5	35	41.8	55	36.8	95	32.9	125	29.6	155	26.5	185	24.2	215	22.3	245	20.4	275	18.3	305	15.2	335	12.3	365	9.4
6	54.4	36	41.8	56	36.4	96	32.9	126	29.4	156	26.4	186	24.2	216	22.2	246	20.4	276	18.3	306	15.2	336	12.3		
7	54.3	37	41.4	57	36.3	97	32.4	127	29.9	157	26.4	187	24.2	217	22.2	247	20.4	277	18.2	307	15.1	337	12.3		
8	52.5	38	41.3	58	36.2	98	32.4	128	29.0	158	26.1	188	24.1	218	22.2	248	20.4	278	18.0	308	15.0	338	12.3		
9	42.1	39	41.3	59	35.9	99	32.3	129	29.0	159	26.1	189	24.0	219	22.2	249	20.3	279	18.0	309	15.0	339	12.3		
10	51.5	40	41.3	70	35.7	100	32.0	130	29.0	160	26.0	190	24.0	220	22.0	250	20.2	280	18.0	310	14.8	340	12.2		
11	50.8	41	41.0	71	35.4	101	32.7	131	29.8	161	26.7	191	24.0	221	21.8	251	20.2	281	18.0	311	14.6	341	12.0		
12	48.7	42	41.0	72	35.4	102	31.9	132	28.6	162	26.0	192	24.0	222	21.8	252	20.2	282	17.8	312	14.6	342	11.9		
13	48.2	43	40.3	73	35.4	103	31.9	133	28.4	163	25.9	193	23.9	223	21.8	253	20.1	283	17.7	313	14.6	343	11.9		
14	48.1	44	39.8	74	35.2	104	31.9	134	28.6	164	25.7	194	23.8	224	21.8	254	20.0	284	17.7	314	14.6	344	11.9		
15	47.9	45	39.4	75	35.2	105	31.9	135	28.4	165	25.6	195	23.8	225	21.8	255	20.0	285	17.7	315	14.5	345	11.7		
16	47.5	46	39.3	76	35.2	106	31.8	136	28.4	166	25.6	196	23.5	226	21.6	256	19.9	286	17.7	316	14.3	346	11.7		
17	47.0	47	39.2	77	35.0	107	31.4	137	28.3	167	25.4	197	23.4	227	21.5	257	19.8	287	17.5	317	14.0	347	11.3		
18	45.3	48	39.2	78	34.9	108	31.2	138	28.3	168	25.4	198	23.2	228	21.5	258	19.7	288	17.4	318	14.0	348	11.3		
19	44.9	49	38.8	79	34.5	109	31.2	139	28.2	169	25.4	199	23.2	229	21.5	259	19.6	289	17.2	319	14.0	349	11.3		
20	44.9	50	38.8	80	34.4	110	31.0	140	28.0	170	25.4	200	23.2	230	21.5	260	19.6	290	17.2	320	13.8	350	11.0		
21	44.9	51	38.8	81	34.4	111	31.7	141	27.9	171	25.3	201	23.0	231	21.5	261	19.4	291	17.2	321	13.8	351	11.0		
22	44.4	52	38.8	82	34.4	112	31.0	142	27.9	172	25.3	202	23.0	232	21.5	262	19.4	292	17.2	322	13.8	352	10.8		
23	44.4	53	38.5	83	34.0	113	31.8	143	27.9	173	25.1	203	23.0	233	21.3	263	19.2	293	17.2	323	13.8	353	10.8		
24	44.0	54	38.4	84	34.0	114	30.8	144	27.4	174	25.0	204	22.8	234	21.3	264	19.0	294	16.8	324	13.6	354	1		

YEAR 1970

TABLE DAILY FLOW DURATION STATION JUNCTION CATCHMENT AREA 939 K***2 UNIT : M**3/SEC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	12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YEAR 1972

TABLE		DAILY FLOW DURATION				STATION		JULMINTO		CATCHMENT AREA		939 KM**2		UNIT : M**3/SEC											
1	178.0	31	49.3	51	40.5	91	34.1	171	30.1	151	27.3	141	24.9	211	23.1	241	21.4	271	20.1	301	18.3	331	16.8	361	10.0
2	170.5	32	48.7	52	40.5	92	34.1	172	29.5	152	27.3	142	24.8	212	23.1	242	21.4	272	20.1	302	18.3	332	16.8	362	10.0
3	162.8	33	47.5	53	40.5	93	34.1	173	29.5	153	27.0	143	24.6	213	22.8	243	21.4	273	20.1	303	18.3	333	16.9	363	10.0
4	92.0	34	47.5	54	40.5	94	34.1	174	29.6	154	24.9	144	24.8	214	22.4	244	21.4	274	21.1	304	18.3	334	16.3	364	9.6
5	77.5	35	47.0	55	40.5	95	34.1	175	29.4	155	24.7	145	24.6	215	22.4	245	21.4	275	20.1	305	18.3	335	16.5	365	9.6
6	54.0	36	47.0	56	39.3	96	33.3	176	29.4	156	24.7	146	24.6	216	22.4	246	21.4	276	19.8	306	18.3	336	16.5	366	9.6
7	47.0	37	47.0	57	39.3	97	33.3	177	29.4	157	24.7	147	24.6	217	22.4	247	21.4	277	19.8	307	14.3	337	16.5		
8	44.5	38	47.0	58	39.3	98	33.3	178	29.3	158	24.7	148	24.3	218	22.4	248	21.4	278	19.8	308	14.3	338	16.5		
9	44.0	39	45.9	59	38.5	99	32.9	179	29.3	159	24.7	149	24.3	219	22.5	249	21.3	279	19.5	309	16.3	339	16.5		
10	52.3	40	45.9	60	38.1	100	32.4	180	29.4	160	24.9	150	24.3	220	22.5	250	21.3	280	19.5	310	14.3	340	16.2		
11	61.5	41	45.0	71	37.3	101	32.4	181	29.1	161	24.5	151	24.3	221	22.5	251	21.3	281	19.5	311	18.0	341	16.2		
12	67.8	42	45.0	72	37.3	102	32.4	182	29.1	162	24.4	152	24.3	222	22.5	252	21.3	282	19.5	312	18.0	342	15.6		
13	60.0	43	45.0	73	37.3	103	32.5	183	29.0	163	24.7	153	24.3	223	22.5	253	21.3	283	19.5	313	18.0	343	15.3		
14	59.5	44	45.0	74	37.0	104	32.5	184	29.0	164	24.7	154	24.0	224	22.5	254	21.3	284	19.5	314	18.0	344	15.3		
15	58.5	45	44.8	75	36.5	105	32.5	185	28.8	165	25.8	155	24.0	225	22.5	255	21.0	285	19.2	315	18.0	345	15.0		
16	48.0	46	44.8	76	36.5	106	31.4	186	28.4	166	25.4	156	24.0	226	22.5	256	21.0	286	19.2	316	18.0	346	15.0		
17	57.3	47	44.8	77	36.5	107	31.7	187	28.8	167	25.8	157	24.0	227	22.5	257	21.0	287	19.2	317	18.0	347	15.0		
18	55.3	48	43.5	78	36.5	108	31.5	188	28.4	168	25.4	158	24.0	228	22.5	258	21.0	288	19.2	318	17.7	348	15.0		
19	54.5	49	43.5	79	36.5	109	31.4	189	28.8	169	25.8	159	23.7	229	22.5	259	20.7	289	19.2	319	17.7	349	12.5		
20	54.5	50	43.5	80	36.1	110	31.3	190	28.8	170	25.5	160	23.7	230	22.5	260	20.7	290	19.2	320	17.7	350	12.5		
21	54.3	51	43.5	81	35.4	111	31.3	191	28.5	171	25.5	161	23.7	231	22.2	261	20.7	291	19.2	321	17.7	351	12.5		
22	54.3	52	42.4	82	35.3	112	31.1	192	28.4	172	25.5	162	23.7	232	22.2	262	20.7	292	19.2	322	17.7	352	12.0		
23	47.7	53	42.4	83	35.3	113	31.0	193	28.4	173	25.5	163	23.7	233	22.2	263	20.7	293	18.9	323	17.7	353	11.5		
24	52.5	54	42.3	84	35.3	114	30.9	194	28.3	174	25.5	164	23.7	234	22.2	264	20.7	294	18.6	324	17.4	354	11.3		
25	52.3	55	41.3	85	35.1	115	30.8	195	28.3	175	25.5	165	23.7	235	22.2	265	20.7	295	18.6	325	17.4	355	11.3		
26	57.0	56	41.1	86	35.0	116	30.8	196	28.3	176	25.5	166	23.7	236	22.2	266	20.7	296	18.6	326	17.4	356	11.3		
27	51.5	57	40.9	87	34.9	117	30.8	197	28.0	177	25.5	167	23.4	237	22.2	267	20.7	297	18.6	327	17.4	357	10.4		
28	50.7	58	40.5	88	34.5	118	30.5	198	27.7	178	25.5	168	23.1	238	21.9	268	20.7	298	18.6	328	17.1	358	10.8		
29	50.4	59	40.4	89	34.5	119	30.3	199	27.3	179	25.5	169	23.1	239	21.9	269	20.7	299	18.6	329	16.8	359	10.3		
30	49.5	60	40.5	90	34.5	120	30.3	200	27.3	180	24.9	170	23.1	240	21.9	270	21.1	300	18.6	330	16.8	360	10.3		

FLOW DURATION MAX 35-DAYS 95-DAYS 145-DAYS 275-DAYS 355-DAYS MIN MEAN
 RUN-OFF 178.00 47.00 36.10 24.60 20.10 11.30 9.60 29.40

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TABLE		DAILY FLOW DURATION				STATION		JULMINTO		CATCHMENT AREA		939 KM**2		UNIT : M**3/SEC											
1	81.3	31	34.5	51	30.0	91	25.4	171	23.7	151	21.4	141	20.7	211	18.4	241	17.7	271	15.5	301	15.3	331	14.0	361	8.5
2	65.0	32	34.5	52	29.8	92	25.5	172	23.1	152	21.4	142	20.4	212	18.4	242	17.7	272	16.5	302	15.3	332	14.0	362	8.5
3	59.0	33	34.5	53	29.5	93	25.5	173	23.1	153	21.4	143	20.4	213	18.4	243	17.7	273	16.5	303	15.0	333	13.8	363	8.0
4	55.5	34	34.5	54	29.4	94	25.5	174	23.1	154	21.3	144	20.1	214	18.4	244	17.7	274	16.5	304	15.0	334	13.5	364	8.0
5	42.0	35	34.5	55	29.4	95	25.5	175	22.8	155	21.3	145	20.1	215	18.4	245	17.7	275	16.5	305	15.0	335	13.0	365	9.0
6	42.0	36	34.1	56	29.3	96	25.5	176	22.4	156	21.3	146	20.1	216	18.4	246	17.7	276	16.5	306	15.0	336	13.0		
7	41.5	37	33.5	57	29.3	97	25.5	177	22.5	157	21.3	147	20.1	217	18.4	247	17.7	277	16.5	307	15.0	337	13.0		
8	47.0	38	33.3	58	29.1	98	25.5	178	22.5	158	21.3	148	19.4	218	18.4	248	17.7	278	16.2	308	15.0	338	12.8		
9	45.0	39	34.8	59	28.8	99	25.5	179	22.5	159	21.3	149	19.4	219	18.4	249	17.7	279	15.2	309	15.0	339	12.5		
10	44.8	40	34.5	70	28.8	100	25.4	180	22.5	160	21.3	150	19.4	220	18.3	250	17.7	280	16.2	310	15.0	340	12.5		
11	44.8	41	34.5	71	28.8	101	25.2	181	22.5	161	21.3	151	19.5	221	18.3	251	17.7	281	15.2	311	15.0	341	12.5		
12	47.8	42	34.5	72	28.8	102	25.2	182	22.5	162	21.0	152	19.5	222	18.3	252	17.7	282	16.2	312	15.0	342	12.5		
13	42.4	43	34.1	73	28.4	103	25.2	183	22.5	163	21.0	153	19.5	223	18.3	253	17.7	283	15.2	313	15.0	343	12.5		
14	41.8	44	34.1	74	28.4	104	24.8	184	22.5	164	21.0	154	19.5	224	18.0	254	17.7	284	16.2	314	15.0	344	12.5		
15	41.4	45	33.3	75	28.4	105	24.7	185	22.5	165	21.0	155	19.5	225	18.0	255	17.4	285	15.9	315	15.0	345	12.5		
16	41.0	46	33.3	76	28.4	106	24.6	186	22.2	166	21.0	156	19.5	226	18.0	256	17.4	286	15.9	316	15.0	346	12.5		
17	41.0	47	33.3	77	28.4	107	24.4	187	22.2	167	21.0	157	19.5	227	18.0	257	17.4	287	15.9	317	15.0	347	12.0		
18	40.5	48	33.1	78	27.7	108	24.4	188	22.2	168	21.0	158	19.2	228	18.0	258	17.4	288	15.6	318	15.0	348	12.0		
19	40.5	49	32.9	79	27.7	109	24.4	189	22.2	169	21.0	159	19.2	229	18.0	259	17.4	289	15.6	319	15.0	349	12.0		
20	40.5	50	32.9	80	27.4	110	24.5	190	22.2	170	21.0	160	19.2	230	18.0	260	17.4	290	15.6	320	15.0	350	11.0		
21	40.1	51	32.8	81	27.4	111	24.3	191	22.1	171	21.0	161	19.2	231	18.0	261	17.4	291	15.5	321	15.0	351	11.0		
22	40.1	52	32.5	82	27.3	112	24.3	192	21.9	172	21.0	162	19.2	232	18.0	262	17.4	292	15.4	322	15.0	352	11.0		
23	39.5	53	32.5	83	27.0	113	24.3	193	21.9	173	21.0	163	19.2	233	18.0	263	17.4	293	15.3	323	15.0	353	10.5		
24	38.5	54	32.3	84	27.0	114	24.3	194	21.4	174	21.0	164	19.2	234	18.0	264	17.4	294	15.3	324	15.0				

TABLE DAILY FLOW DURATION STATION JULY 1970 CATCHMENT AREA 939 KM² UNIT : M³/SEC

STATION	31	41	51	61	71	81	91	101	111	121	131	141	151	161	171	181	191	201	211	221	231	241	251	261	271	281	291	301	311	321	331	341	351
1 179.8	31 48.4	41 40.5	51 34.4	61 30.5	71 27.1	81 25.5	91 22.8	101 22.8	111 22.8	121 22.8	131 22.8	141 22.8	151 22.8	161 22.8	171 22.8	181 22.8	191 22.8	201 22.8	211 22.8	221 22.8	231 22.8	241 22.8	251 22.8	261 22.8	271 22.8	281 22.8	291 22.8	301 22.8	311 22.8	321 22.8	331 22.8	341 22.8	351 22.8
2 179.8	32 48.3	42 40.3	52 34.1	62 30.3	72 27.1	82 25.2	92 22.8	102 22.8	112 22.8	122 22.8	132 22.8	142 22.8	152 22.8	162 22.8	172 22.8	182 22.8	192 22.8	202 22.8	212 22.8	222 22.8	232 22.8	242 22.8	252 22.8	262 22.8	272 22.8	282 22.8	292 22.8	302 22.8	312 22.8	322 22.8	332 22.8	342 22.8	352 22.8
3 114.3	33 47.5	43 40.1	53 34.1	63 30.3	73 27.0	83 25.2	93 22.8	103 22.8	113 22.8	123 22.8	133 22.8	143 22.8	153 22.8	163 22.8	173 22.8	183 22.8	193 22.8	203 22.8	213 22.8	223 22.8	233 22.8	243 22.8	253 22.8	263 22.8	273 22.8	283 22.8	293 22.8	303 22.8	313 22.8	323 22.8	333 22.8	343 22.8	353 22.8
4 114.3	34 47.0	44 40.0	54 34.1	64 30.1	74 27.0	84 25.2	94 22.8	104 22.8	114 22.8	124 22.8	134 22.8	144 22.8	154 22.8	164 22.8	174 22.8	184 22.8	194 22.8	204 22.8	214 22.8	224 22.8	234 22.8	244 22.8	254 22.8	264 22.8	274 22.8	284 22.8	294 22.8	304 22.8	314 22.8	324 22.8	334 22.8	344 22.8	354 22.8
5 94.0	35 47.0	45 39.3	55 33.4	65 30.1	75 27.0	85 25.0	95 22.5	105 22.5	115 22.5	125 22.5	135 22.5	145 22.5	155 22.5	165 22.5	175 22.5	185 22.5	195 22.5	205 22.5	215 22.5	225 22.5	235 22.5	245 22.5	255 22.5	265 22.5	275 22.5	285 22.5	295 22.5	305 22.5	315 22.5	325 22.5	335 22.5	345 22.5	355 22.5
6 94.0	36 47.0	46 38.9	56 33.3	66 30.1	76 27.0	86 25.0	96 22.5	106 22.5	116 22.5	126 22.5	136 22.5	146 22.5	156 22.5	166 22.5	176 22.5	186 22.5	196 22.5	206 22.5	216 22.5	226 22.5	236 22.5	246 22.5	256 22.5	266 22.5	276 22.5	286 22.5	296 22.5	306 22.5	316 22.5	326 22.5	336 22.5	346 22.5	356 22.5
7 89.2	37 47.0	47 38.4	57 33.3	67 30.0	77 27.0	87 25.0	97 22.5	107 22.5	117 22.5	127 22.5	137 22.5	147 22.5	157 22.5	167 22.5	177 22.5	187 22.5	197 22.5	207 22.5	217 22.5	227 22.5	237 22.5	247 22.5	257 22.5	267 22.5	277 22.5	287 22.5	297 22.5	307 22.5	317 22.5	327 22.5	337 22.5	347 22.5	357 22.5
8 83.5	38 47.0	48 38.8	58 33.3	68 30.0	78 27.0	88 25.0	98 22.5	108 22.5	118 22.5	128 22.5	138 22.5	148 22.5	158 22.5	168 22.5	178 22.5	188 22.5	198 22.5	208 22.5	218 22.5	228 22.5	238 22.5	248 22.5	258 22.5	268 22.5	278 22.5	288 22.5	298 22.5	308 22.5	318 22.5	328 22.5	338 22.5	348 22.5	358 22.5
9 74.4	39 47.0	49 38.5	59 32.9	69 30.0	79 27.0	89 25.0	99 22.5	109 22.5	119 22.5	129 22.5	139 22.5	149 22.5	159 22.5	169 22.5	179 22.5	189 22.5	199 22.5	209 22.5	219 22.5	229 22.5	239 22.5	249 22.5	259 22.5	269 22.5	279 22.5	289 22.5	299 22.5	309 22.5	319 22.5	329 22.5	339 22.5	349 22.5	359 22.5
10 69.3	40 47.0	50 37.7	60 32.8	70 29.3	80 26.7	90 24.6	100 22.5	110 22.5	120 22.5	130 22.5	140 22.5	150 22.5	160 22.5	170 22.5	180 22.5	190 22.5	200 22.5	210 22.5	220 22.5	230 22.5	240 22.5	250 22.5	260 22.5	270 22.5	280 22.5	290 22.5	300 22.5	310 22.5	320 22.5	330 22.5	340 22.5	350 22.5	
11 68.0	41 46.0	51 37.3	61 32.5	71 29.1	81 26.7	91 24.6	101 22.5	111 22.5	121 22.5	131 22.5	141 22.5	151 22.5	161 22.5	171 22.5	181 22.5	191 22.5	201 22.5	211 22.5	221 22.5	231 22.5	241 22.5	251 22.5	261 22.5	271 22.5	281 22.5	291 22.5	301 22.5	311 22.5	321 22.5	331 22.5	341 22.5	351 22.5	
12 67.0	42 45.4	52 36.5	62 32.5	72 29.1	82 26.7	92 24.3	102 22.2	112 22.2	122 22.2	132 22.2	142 22.2	152 22.2	162 22.2	172 22.2	182 22.2	192 22.2	202 22.2	212 22.2	222 22.2	232 22.2	242 22.2	252 22.2	262 22.2	272 22.2	282 22.2	292 22.2	302 22.2	312 22.2	322 22.2	332 22.2	342 22.2	352 22.2	
13 64.0	43 45.0	53 36.5	63 32.5	73 29.1	83 26.7	93 24.3	103 22.2	113 22.2	123 22.2	133 22.2	143 22.2	153 22.2	163 22.2	173 22.2	183 22.2	193 22.2	203 22.2	213 22.2	223 22.2	233 22.2	243 22.2	253 22.2	263 22.2	273 22.2	283 22.2	293 22.2	303 22.2	313 22.2	323 22.2	333 22.2	343 22.2	353 22.2	
14 62.1	44 44.8	54 36.5	64 32.5	74 28.8	84 26.4	94 24.3	104 22.2	114 22.2	124 22.2	134 22.2	144 22.2	154 22.2	164 22.2	174 22.2	184 22.2	194 22.2	204 22.2	214 22.2	224 22.2	234 22.2	244 22.2	254 22.2	264 22.2	274 22.2	284 22.2	294 22.2	304 22.2	314 22.2	324 22.2	334 22.2	344 22.2	354 22.2	
15 59.4	45 44.4	55 36.3	65 32.5	75 28.8	85 26.4	95 24.3	105 22.2	115 22.2	125 22.2	135 22.2	145 22.2	155 22.2	165 22.2	175 22.2	185 22.2	195 22.2	205 22.2	215 22.2	225 22.2	235 22.2	245 22.2	255 22.2	265 22.2	275 22.2	285 22.2	295 22.2	305 22.2	315 22.2	325 22.2	335 22.2	345 22.2	355 22.2	
16 59.0	46 44.4	56 36.1	66 32.5	76 28.4	86 26.1	96 24.3	106 22.2	116 22.2	126 22.2	136 22.2	146 22.2	156 22.2	166 22.2	176 22.2	186 22.2	196 22.2	206 22.2	216 22.2	226 22.2	236 22.2	246 22.2	256 22.2	266 22.2	276 22.2	286 22.2	296 22.2	306 22.2	316 22.2	326 22.2	336 22.2	346 22.2	356 22.2	
17 54.3	47 44.3	57 36.1	67 32.5	77 28.4	87 26.1	97 24.3	107 22.2	117 22.2	127 22.2	137 22.2	147 22.2	157 22.2	167 22.2	177 22.2	187 22.2	197 22.2	207 22.2	217 22.2	227 22.2	237 22.2	247 22.2	257 22.2	267 22.2	277 22.2	287 22.2	297 22.2	307 22.2	317 22.2	327 22.2	337 22.2	347 22.2	357 22.2	
18 54.0	48 43.5	58 35.8	68 32.5	78 28.4	88 26.1	98 24.0	108 22.2	118 22.2	128 22.2	138 22.2	148 22.2	158 22.2	168 22.2	178 22.2	188 22.2	198 22.2	208 22.2	218 22.2	228 22.2	238 22.2	248 22.2	258 22.2	268 22.2	278 22.2	288 22.2	298 22.2	308 22.2	318 22.2	328 22.2	338 22.2	348 22.2	358 22.2	
19 53.3	49 42.8	59 35.5	69 31.8	79 28.4	89 26.1	99 24.0	109 22.2	119 22.2	129 22.2	139 22.2	149 22.2	159 22.2	169 22.2	179 22.2	189 22.2	199 22.2	209 22.2	219 22.2	229 22.2	239 22.2	249 22.2	259 22.2	269 22.2	279 22.2	289 22.2	299 22.2	309 22.2	319 22.2	329 22.2	339 22.2	349 22.2	359 22.2	
20 51.8	50 42.4	60 35.4	70 31.5	80 28.4	90 26.1	100 24.0	110 22.2	120 22.2	130 22.2	140 22.2	150 22.2	160 22.2	170 22.2	180 22.2	190 22.2	200 22.2	210 22.2	220 22.2	230 22.2	240 22.2	250 22.2	260 22.2	270 22.2	280 22.2	290 22.2	300 22.2	310 22.2	320 22.2	330 22.2	340 22.2	350 22.2		
21 51.8	51 42.5	61 35.3	71 31.5	81 28.0	91 26.1	101 24.0	111 22.2	121 22.2	131 22.2	141 22.2	151 22.2	161 22.2	171 22.2	181 22.2	191 22.2	201 22.2	211 22.2	221 22.2	231 22.2	241 22.2	251 22.2	261 22.2	271 22.2	281 22.2	291 22.2	301 22.2	311 22.2	321 22.2	331 22.2	341 22.2	351 22.2		
22 51.8	52 42.5	62 35.3	72 31.3	82 27.9	92 26.1	102 24.0	112 22.2	122 22.2	132 22.2	142 22.2	152 22.2	162 22.2	172 22.2	182 22.2	192 22.2	202 22.2	212 22.2	222 22.2	232 22.2	242 22.2	252 22.2	262 22.2	272 22.2	282 22.2	292 22.2	302 22.2	312 22.2	322 22.2	332 22.2	342 22.2	352 22.2		
23 51.3	53 42.5	63 34.8	73 31.3	83 27.8	93 26.0	103 24.0	113 22.2	123 22.2	133 22.2	143 22.2	153 22.2	163 22.2	173 22.2	183 22.2	193 22.2	203 22.2	213 22.2	223 22.2	233 22.2	243 22.2	253 22.2	263 22.2	273 22.2	283 22.2	293 22.2	303 22.2	313 22.2	323 22.2	333 22.2	343 22.2	353 22.2		
24 50.0	54 41.0	64 34.5	74 30.9	84 27.7	94 26.0	104 24.0	114 22.2	124 22.2	134 22.2	144 22.2	154 22.2	164 22.2	174 22.2	184 22.2	194 22.2	204 22.2	214 22.2	224 22.2	234 22.2	244 22.2	254 22.2	264 22.2	274 22.2	284 22.2	294 22.2	304 22.2	314 22.2	324 22.2	334 22.2	344 22.2	354 22.2		
25 49.6	55 40.8	65 34.5	75 30.9	85 27.7	95 26.0	105 24.0	115 22.2	125 22.2	135 22.2	145 22.2	155 22.2	165 22.2	175 22.2	185 22.2	195 22.2	205 22.2	215 22.2	225 22.2	235 22.2	245 22.2	255 22.2	265 22.2	275 22.2	285 22.2	295 22.2	305 22.2	315 22.2	325 22.2	335 22.2	345 22.2	355 22.2		
26 49.5	56 40.5	66 34.5	76 30.9	86 27.4	96 26.0	106 24.0	116 22.2	126 22.2	136 22.2	146 22.2	156 22.2	166 22.2	176 22.2	186 22.2	196 22.2	206 22.2	216 22.2	226 22.2	236 22.2	246 22.2													

YEAR 1976

TABLE DAILY FLOW DURATION STATION JUPILAITO CATCHMENT AREA 739 (km²) UNIT : m³/SEC

1	212.5	31	59.5	41	41.4	91	34.1	171	29.5	151	25.4	181	23.3	211	20.1	241	17.3	271	14.7	301	12.6	331	11.0	361	9.0
2	190.5	32	58.4	42	41.4	92	34.1	172	29.2	152	25.4	182	23.2	212	20.1	242	17.2	272	14.7	302	12.6	332	11.0	362	9.0
3	170.4	33	58.4	43	41.4	93	33.6	173	29.1	153	25.4	183	22.9	213	20.1	243	17.2	273	14.5	303	12.6	333	10.4	363	8.5
4	111.2	34	58.2	44	40.5	94	33.4	174	29.1	154	25.4	184	22.8	214	20.1	244	17.2	274	14.3	304	12.4	334	10.4	364	8.0
5	174.1	35	57.5	45	40.5	95	33.5	175	29.1	155	25.4	185	22.0	215	19.5	245	17.2	275	14.3	305	12.4	335	11.4	365	8.0
6	174.0	35	55.5	45	40.5	96	33.3	176	28.2	156	25.4	186	22.0	216	19.5	246	17.2	276	13.8	306	12.2	336	10.4	366	8.0
7	171.7	37	55.2	47	40.5	97	33.0	177	27.7	157	25.1	187	22.0	217	19.5	247	17.2	277	13.8	307	11.8	337	10.4		
8	97.2	38	53.3	48	40.4	98	33.0	178	27.6	158	25.1	188	21.7	218	19.3	248	17.2	278	13.8	308	11.8	338	10.4		
9	97.3	39	52.8	49	40.1	99	33.0	179	27.6	159	25.1	189	21.7	219	19.1	249	17.2	279	13.8	309	11.8	339	10.2		
10	88.9	40	50.4	50	39.4	100	31.8	180	27.3	160	24.9	190	21.4	220	19.1	250	16.7	280	13.8	310	11.8	340	10.2		
11	85.1	41	49.9	51	38.3	101	31.9	181	27.3	161	24.7	191	21.4	221	19.1	251	16.4	281	13.8	311	11.8	341	10.2		
12	82.2	42	49.9	52	38.1	102	31.8	182	27.3	162	24.7	192	21.4	222	19.0	252	16.2	282	13.8	312	11.8	342	10.2		
13	82.2	43	48.8	53	38.1	103	31.8	183	27.3	163	24.7	193	21.3	223	18.9	253	16.2	283	13.7	313	11.8	343	10.2		
14	77.1	44	48.7	54	37.2	104	31.8	184	27.3	164	24.5	194	21.3	224	18.9	254	16.2	284	13.5	314	11.8	344	9.9		
15	75.8	45	47.9	55	37.0	105	31.8	185	27.3	165	24.3	195	21.0	225	18.8	255	16.0	285	13.5	315	11.8	345	9.6		
16	74.2	46	47.4	56	36.7	106	31.3	186	27.3	166	24.3	196	20.9	226	18.8	256	16.0	286	13.5	316	11.8	346	9.4		
17	73.9	47	47.5	57	36.6	107	31.3	187	26.6	167	24.0	197	20.7	227	18.8	257	16.0	287	13.4	317	11.8	347	9.6		
18	71.4	48	47.5	58	36.5	108	31.3	188	26.6	168	23.8	198	20.7	228	18.4	258	15.9	288	13.3	318	11.8	348	9.6		
19	71.0	49	47.5	59	36.5	109	31.3	189	26.2	169	23.8	199	20.5	229	18.4	259	15.9	289	13.2	319	11.8	349	9.6		
20	69.9	50	46.1	60	36.5	110	30.9	190	26.2	170	23.6	200	20.5	230	18.5	260	15.9	290	13.0	320	11.8	350	9.5		
21	68.9	51	45.5	61	36.0	111	30.2	191	26.2	171	23.6	201	20.4	231	18.5	261	15.7	291	12.9	321	11.8	351	9.1		
22	68.7	52	45.1	62	35.8	112	30.1	192	26.1	172	23.6	202	20.4	232	18.5	262	15.5	292	12.8	322	11.8	352	9.1		
23	66.5	53	45.1	63	35.8	113	29.8	193	26.0	173	23.6	203	20.4	233	18.2	263	15.2	293	12.6	323	11.8	353	9.1		
24	63.0	54	43.3	64	35.8	114	29.9	194	26.0	174	23.6	204	20.3	234	18.2	264	15.2	294	12.6	324	11.8	354	9.1		
25	60.8	55	42.8	65	35.8	115	29.8	195	26.0	175	23.6	205	20.3	235	17.7	265	15.1	295	12.6	325	11.8	355	9.1		
26	59.8	55	42.8	66	35.3	116	29.8	196	26.0	176	23.6	206	20.3	236	17.7	266	15.1	296	12.6	326	11.4	356	9.1		
27	60.8	57	42.8	67	35.3	117	29.5	197	26.0	177	23.6	207	20.1	237	17.7	267	14.7	297	12.6	327	11.0	357	9.0		
28	60.8	58	42.8	68	35.3	118	29.5	198	26.0	178	23.6	208	20.1	238	17.4	268	14.7	298	12.6	328	11.0	358	9.0		
29	60.8	59	42.8	69	35.3	119	29.5	199	26.5	179	23.6	209	20.1	239	17.4	269	14.7	299	12.6	329	11.0	359	9.0		
30	60.2	60	42.8	70	34.6	120	29.5	180	26.5	180	23.6	210	20.1	240	17.5	270	14.7	300	12.6	330	11.0	360	9.0		

FLOW DURATION MAX 35-DAYS 95-DAYS 195-DAYS 275-DAYS 355-DAYS MIN MEAN
 RUN-OFF 212.50 57.50 33.50 22.00 14.30 9.10 8.00 28.60

YEAR 1962

TABLE DAILY FLOW DURATION STATION MALVISA CATCHMENT AREA 35 (km²) UNIT : m³/SEC

1	27.53	31	9.94	41	5.47	91	4.20	121	3.47	151	3.00	181	2.60	211	2.22	241	1.95	271	1.44	301	1.26	331	1.04	361	0.47
2	24.42	32	8.49	42	5.51	92	4.15	122	3.46	152	3.04	182	2.60	212	2.22	242	1.92	272	1.44	302	1.26	332	1.19	362	0.47
3	24.23	33	8.44	43	5.51	93	4.11	123	3.44	153	2.92	183	2.57	213	2.22	243	1.79	273	1.44	303	1.26	333	1.09	363	0.85
4	23.71	34	8.44	44	5.44	94	4.32	124	3.47	154	3.02	184	2.54	214	2.19	244	1.74	274	1.44	304	1.24	334	1.09	364	0.85
5	23.70	35	8.37	45	5.41	95	4.30	125	3.47	155	2.92	185	2.52	215	2.19	245	1.74	275	1.44	305	1.24	335	1.09	365	0.85
6	22.27	36	8.48	46	5.34	96	3.88	126	3.39	156	2.88	186	2.52	216	2.15	246	1.74	276	1.44	306	1.24	336	1.09		
7	21.65	37	8.39	47	5.30	97	3.88	127	3.39	157	2.88	187	2.52	217	2.12	247	1.74	277	1.44	307	1.24	337	1.09		
8	21.00	38	8.34	48	5.30	98	3.88	128	3.38	158	2.88	188	2.52	218	2.12	248	1.70	278	1.44	308	1.24	338	1.07		
9	20.75	39	8.39	49	5.25	99	3.84	129	3.35	159	2.88	189	2.47	219	2.09	249	1.68	279	1.44	309	1.24	339	1.07		
10	18.48	40	8.27	50	5.21	100	3.84	130	3.35	160	2.88	190	2.45	220	2.07	250	1.68	280	1.44	310	1.24	340	1.07		
11	17.45	41	7.53	51	5.09	101	3.84	131	3.32	161	2.84	191	2.43	221	2.07	251	1.65	281	1.41	311	1.24	341	1.04		
12	15.74	42	7.51	52	4.38	102	3.74	132	3.28	162	2.84	192	2.42	222	2.05	252	1.65	282	1.41	312	1.24	342	1.02		
13	14.72	43	7.54	53	4.84	103	3.74	133	3.27	163	2.80	193	2.42	223	2.02	253	1.62	283	1.39	313	1.24	343	1.02		
14	13.98	44	7.54	54	4.87	104	3.75	134	3.27	164	2.81	194	2.39	224	2.02	254	1.62	284	1.39	314	1.24	344	1.00		
15	13.75	45	7.48	55	4.81	105	3.70	135	3.24	165	2.80	195	2.39	225	2.02	255	1.62	285	1.39	315	1.24	345	0.98		
16	13.74	46	7.44	56	4.74	106	3.73	136	3.24	166	2.81	196	2.39	226	2.02	256	1.59	286	1.39	316	1.19	346	0.95		
17	12.97	47	7.32	57	4.71	107	3.62	137	3.24	167	2.74	197	2.37	227	2.00	257	1.59	287	1.39	317	1.19	347	0.95		
18	12.54	48	7.28	58	4.71	108	3.62	138	3.23	168	2.75	198	2.32	228	1.99	258	1.59	288	1.36	318	1.17	348	0.93		
19	11.44	49	6.99	59	4.71	109	3.60	139	3.17	169	2.74	199	2.32	229	1.99	259	1.57	289	1.36	319	1.15	349	0.96		
20	11.44	50	6.83	60	4.71	110	3.58	140	3.12	170	2.74	200	2.32	230	1.96	260	1.56	290	1.36	320	1.15	350	0.95		
21	11.19	51	6.83	61	4.65	111	3.58	141	3.12	171	2.74	201	2.32	231	1.96	261	1.56	291	1.36	321	1.15	351	0.96		
22	10.95	52	6.67	62	4.60	112	3.51	142	3.12	172	2.72	202	2.32	232	1.96	262	1.56	292	1.35	322	1.15	352	0.96		
23	10.76	53	6.51	63	4.60	113	3.50	143	3.12	173	2.64	203	2.32	233	1.93	263	1.56	293	1.34	323	1.15	353	0.96		
24	10.10	54	6.15	64	4.54	114	3.47	144	3.12	174	2.64	204	2.30	234	1.93	264	1.56	294	1.31	324	1.13	354	0.94		
25	10.01	55																							

YEAR 1953

TABLE		DAILY FLOW DURATION			STATION		MILVASA		CATCHMENT AREA			35 KM ⁰⁰²		UNIT : MM ⁰³ /SEC											
1	14.52	31	5.34	41	4.11	31	3.27	121	2.74	151	2.32	181	2.03	211	1.95	241	1.49	271	1.59	301	1.49	331	1.41	351	1.13
2	14.54	32	5.37	42	4.11	32	3.27	122	2.74	152	2.32	182	2.03	212	1.95	242	1.48	272	1.59	302	1.49	332	1.39	352	1.02
3	14.40	33	5.27	43	4.11	33	3.18	123	2.48	153	2.32	183	1.92	213	1.82	243	1.48	273	1.57	303	1.49	333	1.39	353	1.04
4	11.48	34	5.04	44	4.10	34	3.18	124	2.68	154	2.29	184	2.02	214	1.82	244	1.48	274	1.56	304	1.49	334	1.39	354	0.96
5	11.52	35	5.04	45	3.97	35	3.12	125	2.56	155	2.29	185	2.02	215	1.80	245	1.48	275	1.56	305	1.49	335	1.36	355	0.96
6	11.19	36	4.93	46	3.93	36	3.12	126	2.44	156	2.25	186	2.02	216	1.79	246	1.46	276	1.54	306	1.46	336	1.36		
7	11.18	37	4.38	47	3.90	37	3.12	127	2.46	157	2.25	187	2.02	217	1.79	247	1.45	277	1.54	307	1.46	337	1.36		
8	10.95	38	4.38	48	3.84	38	3.11	128	2.44	158	2.24	188	2.02	218	1.78	248	1.45	278	1.54	308	1.46	338	1.35		
9	0.64	39	4.35	49	3.83	39	3.18	129	2.54	159	2.22	189	1.99	219	1.78	249	1.44	279	1.54	309	1.46	339	1.35		
10	0.64	40	4.94	50	3.77	40	3.04	130	2.44	160	2.22	190	1.99	220	1.78	250	1.43	280	1.54	310	1.46	340	1.35		
11	0.95	41	4.75	51	3.76	41	3.07	131	2.54	161	2.22	191	1.99	221	1.78	251	1.43	281	1.51	311	1.44	341	1.36		
12	0.94	42	4.45	52	3.72	42	3.00	132	2.40	162	2.22	192	1.98	222	1.76	252	1.42	282	1.51	312	1.44	342	1.36		
13	0.74	43	4.45	53	3.70	43	3.07	133	2.54	163	2.21	193	1.95	223	1.76	253	1.42	283	1.51	313	1.44	343	1.34		
14	0.54	44	4.45	54	3.70	44	2.99	134	2.52	164	2.21	194	1.93	224	1.76	254	1.42	284	1.51	314	1.44	344	1.32		
15	0.44	45	4.42	55	3.64	45	2.89	135	2.32	165	2.15	195	1.93	225	1.76	255	1.42	285	1.51	315	1.44	345	1.29		
16	0.08	46	4.47	56	3.58	46	2.88	136	2.57	166	2.13	196	1.93	226	1.76	256	1.50	286	1.51	316	1.44	346	1.29		
17	7.79	47	4.54	57	3.58	47	2.88	137	2.32	167	2.13	197	1.93	227	1.76	257	1.50	287	1.51	317	1.44	347	1.29		
18	7.75	48	4.54	58	3.58	48	2.88	138	2.50	168	2.12	198	1.93	228	1.76	258	1.50	288	1.51	318	1.44	348	1.29		
19	7.59	49	4.66	59	3.47	49	2.89	139	2.49	169	2.13	199	1.93	229	1.76	259	1.50	289	1.51	319	1.44	349	1.29		
20	7.31	50	4.39	60	3.47	50	2.88	140	2.45	170	2.12	200	1.91	230	1.73	260	1.50	290	1.51	320	1.44	350	1.24		
21	7.24	51	4.32	61	3.47	51	2.89	141	2.45	171	2.13	201	1.91	231	1.73	261	1.50	291	1.51	321	1.44	351	1.24		
22	4.50	52	4.24	62	3.47	52	2.88	142	2.42	172	2.10	202	1.88	232	1.72	262	1.50	292	1.51	322	1.44	352	1.24		
23	4.44	53	4.24	63	3.47	53	2.88	143	2.45	173	2.09	203	1.88	233	1.72	263	1.50	293	1.51	323	1.44	353	1.24		
24	4.34	54	4.24	64	3.38	54	2.88	144	2.42	174	2.08	204	1.85	234	1.72	264	1.50	294	1.51	324	1.44	354	1.21		
25	4.22	55	4.24	65	3.36	55	2.82	145	2.42	175	2.07	205	1.85	235	1.70	265	1.50	295	1.51	325	1.44	355	1.21		
26	4.13	56	4.20	66	3.35	56	2.82	146	2.42	176	2.08	206	1.85	236	1.70	266	1.50	296	1.51	326	1.44	356	1.21		
27	4.02	57	4.11	67	3.35	57	2.81	147	2.39	177	2.05	207	1.85	237	1.68	267	1.50	297	1.51	327	1.44	357	1.21		
28	3.88	58	4.11	68	3.29	58	2.90	148	2.36	178	2.05	208	1.85	238	1.68	268	1.50	298	1.51	328	1.44	358	1.21		
29	3.57	59	4.11	69	3.28	59	2.76	149	2.35	179	2.05	209	1.85	239	1.68	269	1.50	299	1.51	329	1.44	359	1.17		
30	3.47	60	4.11	70	3.24	60	2.76	150	2.35	180	2.05	210	1.85	240	1.68	270	1.50	300	1.51	330	1.41	360	1.17		

FLOW DURATION	MAX	35-DAYS	95-DAYS	185-DAYS	275-DAYS	355-DAYS	MIN	MEAN
RUN-OFF	14.57	5.34	3.12	2.02	1.56	1.21	0.95	2.83

YEAR 1964

TABLE		DAILY FLOW DURATION			STATION		MILVASA		CATCHMENT AREA			35 KM ⁰⁰²		UNIT : MM ⁰³ /SEC											
1	14.57	31	4.03	41	5.49	91	4.47	171	3.97	151	3.24	181	2.74	211	2.22	241	1.85	271	1.21	301	0.79	331	0.63	361	0.59
2	14.35	32	4.03	42	5.47	92	4.47	172	3.71	152	3.24	182	2.74	212	2.22	242	1.85	272	1.21	302	0.76	332	0.53	352	1.59
3	14.08	33	4.00	43	5.45	93	4.47	173	3.90	153	3.23	183	2.71	213	2.19	243	1.85	273	1.19	303	0.74	333	0.63	353	0.59
4	14.02	34	7.93	44	5.82	94	4.42	174	3.44	154	3.21	184	2.70	214	2.17	244	1.74	274	1.13	304	0.74	334	0.53	354	1.59
5	13.88	35	7.47	45	5.82	95	4.79	175	3.83	155	3.19	185	2.68	215	2.15	245	1.76	275	1.12	305	0.74	335	0.63	355	0.59
6	13.74	36	7.41	46	5.82	96	4.71	176	3.77	156	3.18	186	2.59	216	2.12	246	1.76	276	1.12	306	0.74	336	0.53	356	1.54
7	12.09	37	7.32	47	5.74	97	4.44	177	3.75	157	3.18	187	2.54	217	2.12	247	1.72	277	1.09	307	0.72	337	0.63		
8	11.98	38	7.32	48	5.74	98	4.42	178	3.75	158	3.18	188	2.52	218	2.12	248	1.70	278	1.09	308	0.70	338	0.63		
9	11.91	39	7.32	49	5.56	99	4.56	179	3.71	159	3.16	189	2.52	219	2.12	249	1.68	279	1.07	309	0.70	339	0.63		
10	11.47	40	7.20	50	5.51	100	4.55	180	3.66	160	3.15	190	2.47	220	2.12	250	1.67	280	1.08	310	0.70	340	0.53		
11	11.44	41	7.08	51	5.51	101	4.51	181	3.58	161	3.12	191	2.45	221	2.12	251	1.67	281	0.98	311	0.68	341	0.63		
12	11.29	42	7.08	52	5.51	102	4.47	182	3.58	162	3.12	192	2.45	222	2.12	252	1.67	282	0.98	312	0.68	342	0.53		
13	11.18	43	6.88	53	5.51	103	4.43	183	3.58	163	3.09	193	2.45	223	2.12	253	1.67	283	0.96	313	0.68	343	0.63		
14	11.07	44	6.83	54	5.51	104	4.38	184	3.58	164	3.08	194	2.43	224	2.12	254	1.64	284	0.96	314	0.68	344	0.63		
15	10.71	45	6.73	55	5.44	105	4.38	185	3.58	165	3.08	195	2.42	225	2.12	255	1.63	285	0.94	315	0.68	345	0.61		
16	10.24	46	6.47	56	5.42	106	4.38	186	3.46	166	3.06	196	2.39	226	2.12	256	1.61	286	0.93	316	0.68	346	0.61		
17	10.24	47	6.47	57	5.34	107	4.38	187	3.51	167	3.04	197	2.39	227	2.12	257	1.64	287	0.90	317	0.68	347	0.60		
18	10.03	48	6.47	58	5.36	108	4.31	188	3.47	168	3.04	198	2.37	228	2.12	258	1.64	288	0.90	318	0.68	348	0.59		
19	0.94	49	6.45	59	5.20	109	4.24	189	3.47	169	2.96	199	2.32	229	2.07	259	1.64	289	0.90	319	0.68	349	0.59		
20	0.91	50	6.41	60	5.15	110	4.24	190	3.47	170	2.96	200	2.32	230	2.03	260	1.64	290	0.87	320	0.68	350	0.59		
21	0.64	51	6.54	61	5.15	111	4.15	191	3.47	171	2.94	201	2.29	231	2.02	261	1.64	291	0.87	321	0.68	351	0.54		
22	0.52	52	6.50	62	5.09	112	4.11	192	3.44	172	2.89	202	2.29	232	1.97	262	1.62	292	0.85	322	0.66	352	0.59		
23	0.44	53	6.50	63	5.04	113	4.11	193	3.44	173	2.88	203	2.25	233	1.93	263	1.62	293	0.85	323	0.66	353	0.59		
24	0.35	54	6.32	64	5.04	114	4.11	194	3.39	174	2.89	204	2.21	234	1.93	264	1.62	294	0.85	324	0.66	354	0.5		

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YEAR 1955

FARLE		DAILY FLOW DURATION			STATION		NALVASA		CATCHMENT AREA			35 KM**2		UNIT : CM**3/SEC											
1	28.24	31	2.34	41	5.44	91	5.15	121	4.20	151	3.47	171	3.70	211	2.72	241	2.22	271	1.35	301	1.44	331	1.15	351	1.32
2	28.10	32	2.13	42	5.41	92	5.14	122	4.15	152	3.47	172	3.00	212	2.70	242	2.17	272	1.85	302	1.44	332	1.15	352	0.90
3	21.48	33	2.79	43	6.41	93	5.26	123	4.16	153	3.47	173	3.02	213	2.48	243	2.17	273	1.95	303	1.44	333	1.15	353	1.31
4	19.27	34	2.90	44	6.50	94	5.03	124	4.02	154	3.47	174	3.00	214	2.45	244	2.17	274	1.85	304	1.44	334	1.13	354	0.90
5	15.24	35	4.43	45	4.32	95	4.87	125	4.12	155	3.47	175	3.02	215	2.44	245	2.15	275	1.95	305	1.44	335	1.12	355	1.15
6	15.70	36	4.43	46	4.25	96	4.87	126	3.97	156	3.47	176	3.00	216	2.44	246	2.15	276	1.85	306	1.44	336	1.09		
7	14.33	37	4.52	47	4.15	97	4.79	127	3.97	157	3.47	177	2.94	217	2.46	247	2.15	277	1.90	307	1.44	337	1.09		
8	13.47	38	4.57	48	6.09	98	4.76	128	3.97	158	3.47	178	2.92	218	2.49	248	2.15	278	1.80	308	1.44	338	1.09		
9	13.43	39	4.44	49	4.36	99	4.71	129	3.97	159	3.47	179	2.94	219	2.46	249	2.12	279	1.76	309	1.44	339	1.09		
10	13.38	40	4.33	70	5.95	100	4.71	130	3.97	160	3.44	180	2.88	220	2.52	250	2.12	280	1.76	310	1.40	340	1.09		
11	13.20	41	4.33	71	5.92	101	4.71	131	3.98	161	3.43	191	2.88	221	2.52	251	2.12	281	1.76	311	1.36	341	1.09		
12	13.05	42	4.37	72	5.77	102	4.68	132	3.84	162	3.43	192	2.88	222	2.49	252	2.09	282	1.76	312	1.36	342	1.09		
13	12.88	43	4.22	73	5.47	103	4.45	133	3.84	163	3.43	193	2.88	223	2.45	253	2.13	283	1.76	313	1.31	343	1.09		
14	12.45	44	4.15	74	5.47	104	4.54	134	3.84	164	3.39	194	2.88	224	2.45	254	2.07	284	1.76	314	1.29	344	1.09		
15	12.32	45	4.21	75	5.47	105	4.84	135	3.84	165	3.39	195	2.88	225	2.43	255	2.07	285	1.72	315	1.29	345	1.09		
16	11.98	46	4.79	76	5.43	106	4.54	136	3.84	166	3.34	196	2.88	226	2.42	256	2.07	286	1.71	316	1.29	346	1.09		
17	11.44	47	4.79	77	5.57	107	4.49	137	3.84	167	3.31	197	2.88	227	2.42	257	2.07	287	1.68	317	1.24	347	1.02		
18	11.38	48	4.59	78	5.52	108	4.49	138	3.84	168	3.29	198	2.88	228	2.42	258	2.07	288	1.65	318	1.24	348	1.02		
19	11.29	49	4.55	79	5.51	109	4.38	139	3.84	169	3.25	199	2.88	229	2.42	259	1.94	289	1.63	319	1.24	349	1.02		
20	11.04	50	4.48	80	5.44	110	4.38	140	3.79	170	3.20	200	2.88	230	2.35	260	1.94	290	1.62	320	1.24	350	1.02		
21	10.95	51	4.47	81	5.45	111	4.38	141	3.79	171	3.24	201	2.88	231	2.35	261	1.94	291	1.59	321	1.25	351	1.02		
22	10.78	52	4.34	82	5.41	112	4.38	142	3.70	172	3.24	202	2.82	232	2.35	262	1.93	292	1.59	322	1.21	352	1.02		
23	10.18	53	4.24	83	5.34	113	4.31	143	3.70	173	3.23	203	2.82	233	2.32	263	1.93	293	1.59	323	1.21	353	1.02		
24	10.03	54	4.00	84	5.35	114	4.29	144	3.70	174	3.18	204	2.74	234	2.32	264	1.93	294	1.59	324	1.21	354	1.02		
25	10.31	55	4.92	85	5.35	115	4.25	145	3.70	175	3.12	205	2.74	235	2.27	265	1.93	295	1.55	325	1.18	355	0.94		
26	9.91	56	4.79	86	4.27	116	4.24	146	3.70	176	3.12	206	2.74	236	2.27	266	1.93	296	1.52	326	1.17	356	0.94		
27	9.78	57	4.75	87	4.25	117	4.24	147	3.62	177	3.12	207	2.74	237	2.27	267	1.93	297	1.51	327	1.17	357	0.94		
28	9.48	58	4.75	88	4.24	118	4.24	148	3.59	178	3.12	208	2.74	238	2.25	268	1.91	298	1.46	328	1.17	358	0.96		
29	9.47	59	4.59	89	4.24	119	4.24	149	3.58	179	3.12	209	2.74	239	2.22	269	1.91	299	1.44	329	1.15	359	0.94		
30	9.42	60	4.67	90	5.14	120	4.22	150	3.52	180	3.00	210	2.74	240	2.22	270	1.85	300	1.44	330	1.15	360	0.93		

FLOW DURATION	MIN	35-DAYS	95-DAYS	185-DAYS	275-DAYS	355-DAYS	MIN	MEAN
RUN-OFF	28.24	3.93	4.37	3.03	1.85	1.91	3.85	4.15

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YEAR 1966

FARLE		DAILY FLOW DURATION			STATION		NALVASA		CATCHMENT AREA			35 KM**2		UNIT : CM**3/SEC											
1	34.22	31	4.22	41	5.20	91	4.04	121	3.30	151	3.47	171	1.93	211	1.55	241	1.34	271	1.15	301	1.02	331	0.80	361	0.74
2	32.77	32	4.01	42	5.12	92	3.97	122	3.23	152	3.45	172	1.93	212	1.55	242	1.33	272	1.15	302	1.00	332	0.80	362	0.74
3	32.14	33	4.57	43	5.12	93	3.97	123	3.20	153	3.42	173	1.92	213	1.55	243	1.32	273	1.15	303	1.00	333	0.80	363	0.74
4	31.78	34	4.47	44	4.98	94	3.97	124	3.19	154	3.42	174	1.92	214	1.54	244	1.31	274	1.15	304	0.99	334	0.80	364	0.74
5	29.40	35	4.61	45	4.88	95	3.91	125	3.12	155	3.42	175	1.90	215	1.54	245	1.31	275	1.12	305	0.99	335	0.80	365	0.62
6	29.80	36	4.39	46	4.87	96	3.88	126	3.12	156	3.42	176	1.89	216	1.51	246	1.31	276	1.09	306	0.96	336	0.77		
7	24.01	37	4.33	47	4.79	97	3.84	127	3.12	157	3.35	177	1.74	217	1.51	247	1.29	277	1.09	307	0.96	337	0.85		
8	23.78	38	4.23	48	4.74	98	3.84	128	3.12	158	3.32	178	1.74	218	1.49	248	1.29	278	1.09	308	0.96	338	0.85		
9	21.48	39	4.73	49	4.71	99	3.75	129	3.08	159	3.32	180	1.74	219	1.49	249	1.29	279	1.09	309	0.96	339	0.85		
10	21.43	40	4.67	70	4.45	100	3.73	130	3.36	160	3.32	180	1.74	220	1.48	250	1.29	280	1.09	310	0.96	340	0.85		
11	20.98	41	4.73	71	4.45	101	3.70	131	3.30	161	3.25	191	1.73	221	1.46	251	1.24	281	1.09	311	0.96	341	0.85		
12	20.44	42	4.64	72	4.55	102	3.70	132	3.29	162	3.22	192	1.73	222	1.44	252	1.24	282	1.09	312	0.96	342	0.85		
13	17.84	43	4.73	73	4.41	103	3.70	133	3.20	163	3.17	193	1.71	223	1.44	253	1.24	283	1.09	313	0.96	343	0.85		
14	17.70	44	4.40	74	4.38	104	3.64	134	3.19	164	3.12	194	1.68	224	1.44	254	1.24	284	1.09	314	0.96	344	0.85		
15	13.53	45	4.15	75	4.38	105	3.59	135	3.08	165	3.09	195	1.68	225	1.44	255	1.24	285	1.09	315	0.96	345	0.85		
16	12.93	46	4.04	76	4.38	106	3.43	136	3.06	166	3.07	196	1.67	226	1.44	256	1.24	286	1.09	316	0.96	346	0.85		
17	12.02	47	4.28	77	4.38	107	3.58	137	2.94	167	3.05	197	1.67	227	1.44	257	1.21	287	1.09	317	0.96	347	0.85		
18	12.44	48	4.24	78	4.31	108	3.48	138	2.94	168	3.02	198	1.65	228	1.41	258	1.21	288	1.09	318	0.96	348	0.79		
19	17.44	49	4.34	79	4.34	109	3.52	139	2.92	169	3.02	199	1.65	229	1.41	259	1.21	289	1.09	319	0.96	349	0.79		
20	11.44	50	4.82	80	4.24	110	3.52	140	2.92	170	3.02	200	1.65	230	1.41	260	1.21	290	1.09	320	0.96	350	0.79		
21	11.44	51	4.76	81	4.21	111	3.51	141	2.82	171	3.02	201	1.64	231	1.40	261	1.21	291	1.06	321	0.93	351	0.79		
22	11.10	52	4.47	82	4.20	112	3.47	142	2.82	172	3.02	202	1.63	232	1.39	262	1.17	292	1.04	322	0.93	352	0.79		
23	11.19	53	4.47	83	4.20	113	3.47	143	2.80	173	3.02	203	1.60	233	1.38	263	1.17	293	1.02	323	0.92	353	0.79		
24	11.19	54	4.54	84	4.20	114	3.47	144	2.72	174	3.02	204	1.59	234	1.38	264	1.17	294	1.02	324	0.90	3			

YEAR 1957

TABLE		DAILY FLOW DURATION			STATION			MAYASA			CATCHMENT AREA			35 KM ²			UNIT : MM ³ /SEC								
1	24.40	31	11.19	41	4.45	91	4.24	171	3.37	151	2.47	191	2.35	211	2.02	241	1.95	271	1.71	301	1.54	331	1.29	361	1.06
2	24.08	32	11.11	42	4.42	92	4.11	172	3.04	152	2.40	192	2.32	212	2.02	242	1.85	272	1.68	302	1.51	332	1.29	362	0.96
3	27.13	33	10.51	43	4.42	93	4.12	173	3.32	153	2.54	193	2.37	213	2.02	243	1.85	273	1.68	303	1.51	333	1.29	363	1.05
4	21.33	34	10.71	44	4.41	94	3.97	174	2.88	154	2.57	194	2.32	214	2.00	244	1.85	274	1.68	304	1.51	334	1.29	364	0.90
5	19.71	35	10.90	45	4.38	95	3.97	175	2.88	155	2.54	195	2.32	215	1.99	245	1.85	275	1.68	305	1.51	335	1.29	365	1.15
6	19.71	36	10.90	46	4.33	96	3.85	176	2.88	156	2.54	196	2.29	216	1.97	246	1.85	276	1.65	306	1.51	336	1.24		
7	19.71	37	10.90	47	4.27	97	3.84	177	2.84	157	2.57	197	2.29	217	1.97	247	1.85	277	1.65	307	1.49	337	1.23		
8	18.93	38	9.35	48	4.04	98	3.84	178	2.84	158	2.57	198	2.25	218	1.96	248	1.82	278	1.65	308	1.49	338	1.21		
9	18.92	39	9.34	49	5.08	99	3.87	179	2.82	159	2.52	199	2.25	219	1.96	249	1.82	279	1.63	309	1.49	339	1.21		
10	18.99	40	8.94	70	5.98	100	3.77	180	2.80	160	2.52	190	2.22	220	1.94	250	1.82	280	1.63	310	1.46	340	1.21		
11	18.47	41	8.92	71	5.88	101	3.77	181	2.80	161	2.52	191	2.22	221	1.93	251	1.82	281	1.62	311	1.46	341	1.21		
12	17.79	42	8.92	72	5.77	102	3.75	182	2.80	162	2.49	192	2.22	222	1.93	252	1.82	282	1.62	312	1.46	342	1.21		
13	17.94	43	8.84	73	5.72	103	3.71	183	2.80	163	2.49	193	2.19	223	1.93	253	1.79	283	1.60	313	1.46	343	1.21		
14	14.67	44	8.77	74	5.54	104	3.70	184	2.80	164	2.47	194	2.19	224	1.93	254	1.79	284	1.59	314	1.46	344	1.19		
15	15.74	45	8.57	75	5.56	105	3.62	185	2.79	165	2.47	195	2.15	225	1.91	255	1.74	285	1.59	315	1.44	345	1.15		
16	15.43	46	8.23	76	5.54	106	3.60	186	2.74	166	2.47	196	2.12	226	1.90	256	1.74	286	1.59	316	1.44	346	1.15		
17	15.30	47	8.15	77	5.35	107	3.48	187	2.74	167	2.45	197	2.12	227	1.89	257	1.74	287	1.59	317	1.44	347	1.12		
18	14.94	48	7.95	78	5.20	108	3.41	188	2.74	168	2.45	198	2.12	228	1.89	258	1.74	288	1.59	318	1.44	348	1.12		
19	13.87	49	7.95	79	5.19	109	3.39	189	2.74	169	2.45	199	2.12	229	1.88	259	1.74	289	1.59	319	1.44	349	1.11		
20	13.48	50	7.71	80	5.15	110	3.39	190	2.74	170	2.42	200	2.09	230	1.88	260	1.74	290	1.59	320	1.44	350	1.09		
21	13.27	51	7.43	81	5.14	111	3.35	161	2.73	171	2.42	211	2.39	231	1.84	241	1.74	291	1.59	321	1.44	351	1.09		
22	13.14	52	7.43	82	4.94	112	3.29	162	2.72	172	2.42	202	2.09	232	1.84	242	1.74	292	1.59	322	1.44	352	1.05		
23	12.97	53	7.58	83	4.87	113	3.24	163	2.72	173	2.42	213	2.39	233	1.84	243	1.74	293	1.56	323	1.44	353	1.14		
24	12.81	54	7.55	84	4.82	114	3.20	164	2.70	174	2.41	204	2.09	234	1.85	244	1.74	294	1.56	324	1.39	354	1.04		
25	12.56	55	7.02	85	4.75	115	3.14	165	2.68	175	2.39	215	2.35	235	1.85	245	1.74	295	1.56	325	1.36	355	1.02		
26	12.09	56	6.87	86	4.60	116	3.12	166	2.68	176	2.37	206	2.02	236	1.85	246	1.73	296	1.56	326	1.36	356	1.02		
27	12.09	57	6.84	87	4.64	117	3.12	167	2.67	177	2.35	217	2.07	237	1.85	247	1.73	297	1.56	327	1.34	357	1.02		
28	12.02	58	6.73	88	4.38	118	3.17	168	2.64	178	2.35	218	2.02	238	1.85	248	1.73	298	1.55	328	1.32	358	1.02		
29	11.95	59	6.71	89	4.35	119	3.17	169	2.61	179	2.35	219	2.02	239	1.85	249	1.73	299	1.55	329	1.31	359	1.02		
30	11.34	60	6.57	90	4.25	120	3.04	150	2.60	180	2.35	210	2.02	240	1.85	270	1.71	300	1.54	330	1.31	360	0.96		

FLOW DURATION	MIN	MEAN
RUN-OFF	24.40	4.10
35-DAYS	17.37	
95-DAYS	3.97	
195-DAYS	2.32	
275-DAYS	1.94	
355-DAYS	1.07	

YEAR 1968

TABLE		DAILY FLOW DURATION			STATION			MAYASA			CATCHMENT AREA			35 KM ²			UNIT : MM ³ /SEC								
1	24.88	31	17.70	41	13.53	91	5.34	171	3.48	151	2.92	191	2.38	211	1.85	241	1.50	271	1.34	301	1.21	331	1.02	361	0.83
2	23.77	32	17.48	42	13.53	92	5.36	172	3.43	152	2.94	192	2.34	212	1.85	242	1.49	272	1.34	302	1.19	332	0.99	362	0.82
3	24.45	33	17.54	43	13.53	93	5.20	173	3.51	153	3.08	193	2.37	213	1.79	243	1.40	273	1.34	303	1.17	333	0.99	363	0.82
4	22.74	34	17.54	44	13.29	94	5.15	174	3.47	154	3.08	194	2.37	214	1.76	244	1.45	274	1.33	304	1.17	334	0.93	364	0.73
5	21.68	35	17.54	45	13.21	95	5.04	175	3.47	155	2.88	195	2.29	215	1.74	245	1.45	275	1.31	305	1.17	335	0.97	365	0.76
6	21.45	36	17.33	46	12.97	96	4.94	176	3.47	156	2.94	196	2.29	216	1.73	246	1.44	276	1.29	306	1.15	336	0.97	366	0.77
7	21.45	37	17.22	47	12.80	97	4.87	177	3.43	157	2.85	197	2.25	217	1.72	247	1.44	277	1.29	307	1.15	337	0.96		
8	21.21	38	17.10	48	12.32	98	4.74	178	3.39	158	3.04	198	2.23	218	1.71	248	1.44	278	1.29	308	1.15	338	0.94		
9	20.84	39	17.10	49	12.09	99	4.71	179	3.39	159	2.74	199	2.22	219	1.71	249	1.44	279	1.29	309	1.15	339	0.95		
10	20.65	40	16.54	70	11.75	100	4.56	180	3.39	160	2.72	190	2.19	220	1.68	250	1.44	280	1.29	310	1.15	340	0.94		
11	20.28	41	16.44	71	10.00	101	4.49	181	3.35	161	2.64	191	2.18	221	1.67	251	1.44	281	1.29	311	1.15	341	0.94		
12	21.28	42	16.52	72	10.70	102	4.43	182	3.35	162	2.44	192	2.15	222	1.65	252	1.44	282	1.29	312	1.15	342	0.94		
13	20.07	43	16.52	73	10.00	103	4.38	183	3.31	163	2.62	193	2.12	223	1.65	253	1.44	283	1.29	313	1.13	343	0.94		
14	20.25	44	16.35	74	10.70	104	4.34	184	3.31	164	2.41	194	2.12	224	1.65	254	1.41	284	1.29	314	1.13	344	0.94		
15	20.05	45	16.26	75	10.00	105	4.15	185	3.29	165	2.57	195	2.09	225	1.62	255	1.41	285	1.26	315	1.13	345	0.93		
16	19.33	46	16.26	76	9.57	106	4.04	186	3.24	166	2.57	196	2.05	226	1.62	256	1.41	286	1.26	316	1.11	346	0.93		
17	19.76	47	16.26	77	8.92	107	4.06	187	3.20	167	2.54	197	2.04	227	1.61	257	1.41	287	1.26	317	1.11	347	0.93		
18	19.71	48	16.45	78	8.74	108	4.02	188	3.20	168	2.51	198	2.02	228	1.59	258	1.39	288	1.26	318	1.11	348	0.92		
19	19.80	49	16.41	79	8.34	109	3.93	189	3.16	169	2.57	199	2.02	229	1.59	259	1.39	289	1.26	319	1.09	349	0.92		
20	19.37	50	15.22	80	8.27	110	3.86	140	3.14	170	2.57	210	1.93	230	1.59	260	1.39	290	1.23	320	1.09	350	0.92		
21	19.24	51	15.22	81	7.71	111	3.84	141	3.12	171	2.52	211	1.93	231	1.59	261	1.39	291	1.22	321	1.09	351	0.91		
22	19.04	52	15.22	82	7.43	112	3.75	142	3.12	172	2.49	212	1.93	232	1.59	262	1.39	292	1.21	322	1.09	352	0.90		
23	18.99	53	15.11	83	6.50	113	3.70	143	3.08	173	2.44	213	1.93	233	1.59	263	1.39	293	1.21	323	1.09	353	0.90		
24	18.37	54	14.86	84	6.50	114	3.73	1																	

YFA1 1979

TABLE	DAILY FLOW DURATION										STATION MALVASA										CATCHMENT AREA										35 KM**2										UNIT : M**3/SEC									
1	13.53	31	4.92	41	5.33	51	4.79	121	3.28	151	3.64	181	3.37	211	1.87	241	1.56	271	1.29	301	1.08	331	0.92	351	1.59																									
2	12.35	32	4.92	42	5.29	52	4.09	122	3.22	152	3.44	182	3.02	212	1.82	242	1.50	272	1.29	302	1.08	332	0.92	352	0.59																									
3	11.53	33	4.72	43	5.26	53	4.12	123	3.15	153	3.42	183	2.92	213	1.82	243	1.50	273	1.29	303	1.08	333	0.89	353	0.59																									
4	11.50	34	4.91	44	5.20	54	4.02	124	3.09	154	3.40	184	2.92	214	1.82	244	1.50	274	1.24	304	1.08	334	0.88	354	0.54																									
5	11.28	35	4.72	45	5.24	55	3.88	125	3.12	155	3.40	185	2.82	215	1.82	245	1.50	275	1.24	305	1.08	335	0.87	355	0.54																									
6	11.27	36	4.51	46	5.04	56	3.88	126	3.03	156	3.42	186	2.82	216	1.82	246	1.50	276	1.24	306	1.08	336	0.87																											
7	11.27	37	4.53	47	5.03	57	3.91	127	3.12	157	3.37	187	2.82	217	1.82	247	1.50	277	1.24	307	1.08	337	0.87																											
8	11.09	38	4.52	48	5.03	58	3.74	128	3.02	158	3.37	188	2.82	218	1.74	248	1.45	278	1.24	308	1.08	338	0.87																											
9	9.15	39	4.42	49	4.95	59	3.75	129	3.12	159	3.37	189	2.82	219	1.74	249	1.45	279	1.24	309	1.08	339	0.87																											
10	8.93	40	4.43	50	4.95	60	3.44	130	2.98	160	3.39	190	2.09	220	1.76	250	1.45	280	1.24	310	1.08	340	0.87																											
11	8.82	41	4.17	51	4.87	61	3.44	131	2.96	161	3.39	191	2.09	221	1.76	251	1.45	281	1.24	311	1.08	341	0.87																											
12	8.67	42	4.17	52	4.87	62	3.67	132	2.93	162	3.32	192	2.02	222	1.71	252	1.45	282	1.24	312	1.08	342	0.87																											
13	8.49	43	4.32	53	4.94	63	3.67	133	2.93	163	3.39	193	2.02	223	1.71	253	1.40	283	1.19	313	1.08	343	0.87																											
14	8.55	44	4.32	54	4.84	64	3.47	134	2.90	164	3.37	194	1.93	224	1.71	254	1.40	284	1.19	314	1.08	344	0.87																											
15	8.40	45	4.37	55	4.78	65	3.46	135	2.89	165	3.37	195	1.93	225	1.71	255	1.40	285	1.19	315	1.08	345	0.87																											
16	8.44	46	4.33	56	4.64	66	3.54	136	2.84	166	3.42	196	1.92	226	1.71	256	1.40	286	1.19	316	1.08	346	0.87																											
17	8.48	47	4.34	57	4.54	67	3.53	137	2.72	167	3.37	197	1.92	227	1.66	257	1.43	287	1.19	317	1.08	347	0.87																											
18	8.27	48	4.34	58	4.64	68	3.54	138	2.66	168	3.42	198	1.92	228	1.66	258	1.40	288	1.19	318	1.08	348	0.87																											
19	8.27	49	4.55	59	4.37	69	3.55	139	2.56	169	3.42	199	1.92	229	1.66	259	1.40	289	1.19	319	1.08	349	0.87																											
20	8.34	50	4.54	60	4.37	70	3.48	140	2.64	170	3.42	200	1.92	230	1.66	260	1.34	290	1.14	320	0.98	350	0.87																											
21	8.34	51	4.55	61	4.32	111	3.41	141	2.54	171	3.42	201	1.92	231	1.66	261	1.34	291	1.14	321	0.98	351	0.87																											
22	8.04	52	4.53	62	4.24	112	3.41	142	2.60	172	3.42	202	1.92	232	1.66	262	1.34	292	1.14	322	0.98	352	0.87																											
23	7.97	53	4.53	63	4.23	113	3.41	143	2.53	173	3.42	203	1.92	233	1.66	263	1.34	293	1.14	323	0.98	353	0.87																											
24	7.70	54	4.54	64	4.23	114	3.41	144	2.54	174	3.42	204	1.92	234	1.61	264	1.34	294	1.14	324	0.98	354	0.87																											
25	7.58	55	4.48	65	4.23	115	3.41	145	2.54	175	3.42	205	1.92	235	1.61	265	1.34	295	1.14	325	0.98	355	0.87																											
26	7.44	56	4.48	66	4.23	116	3.41	146	2.54	176	3.42	206	1.92	236	1.61	266	1.34	296	1.14	326	0.98	356	0.87																											
27	7.18	57	4.47	67	4.23	117	3.41	147	2.54	177	3.42	207	1.92	237	1.60	267	1.34	297	1.14	327	0.98	357	0.87																											
28	7.10	58	4.34	68	4.16	118	3.34	148	2.54	178	3.42	208	1.92	238	1.56	268	1.34	298	1.08	328	0.98	358	0.87																											
29	7.15	59	4.34	69	4.23	119	3.33	149	2.54	179	3.42	209	1.92	239	1.56	269	1.34	299	1.08	329	0.98	359	0.87																											
30	7.03	60	4.33	70	4.09	120	3.29	150	2.54	180	3.42	210	1.87	240	1.56	270	1.24	300	1.08	330	0.98	360	0.87																											

FLOW DURATION	MIN-OFF	MAX	35-DAYS	95-DAYS	195-DAYS	275-DAYS	355-DAYS	MIN	MEAN
		13.53	4.72	3.89	3.32	1.84	1.44	1.49	2.99

YFA1 1970

TABLE	DAILY FLOW DURATION										STATION MALVASA										CATCHMENT AREA										35 KM**2										UNIT : M**3/SEC									
1	14.83	31	7.71	41	4.41	51	5.54	121	4.78	151	3.44	181	3.41	211	3.02	241	2.40	271	2.22	301	1.71	331	1.29	351	0.49																									
2	14.84	32	7.70	42	4.41	52	5.54	122	4.76	152	3.44	182	3.34	212	3.02	242	2.40	272	2.17	302	1.71	332	1.24	352	0.44																									
3	14.34	33	7.70	43	4.41	53	5.44	123	4.70	153	3.44	183	3.34	213	3.02	243	2.39	273	2.12	303	1.71	333	1.24	353	0.40																									
4	14.73	34	7.70	44	4.40	54	5.47	124	4.70	154	3.44	184	3.34	214	3.02	244	2.34	274	2.07	304	1.71	334	1.19	354	0.40																									
5	14.11	35	7.52	45	4.40	55	5.47	125	4.70	155	3.44	185	3.34	215	3.02	245	2.34	275	2.02	305	1.67	335	1.14	355	0.40																									
6	13.92	36	7.40	46	4.42	56	5.47	126	4.69	156	3.42	186	3.34	216	3.02	246	2.34	276	2.02	306	1.66	336	1.14																											
7	13.82	37	7.48	47	4.40	57	5.47	127	4.54	157	3.41	187	3.34	217	2.90	247	2.34	277	2.02	307	1.66	337	1.08																											
8	13.44	38	7.44	48	4.30	58	5.47	128	4.34	158	3.41	188	3.34	218	2.80	248	2.48	278	2.32	308	1.66	338	1.03																											
9	13.91	39	7.34	49	4.30	59	5.47	129	4.48	159	3.41	189	3.29	219	2.90	249	2.48	279	1.97	309	1.61	339	1.03																											
10	12.11	40	7.15	50	4.12	60	5.38	130	4.14	160	3.42	190	3.29	220	2.80	250	2.48	280	1.96	310	1.61	340	1.03																											
11	11.76	41	7.12	51	4.10	61	5.38	131	4.37	161	3.74	191	3.24	221	2.90	251	2.44	281	1.92	311	1.61	341	1.03																											
12	11.27	42	7.12	52	4.10	62	5.34	132	4.23	162	3.71	192	3.22	222	2.90	252	2.44	282	1.92	312	1.61	342	1.03																											
13	11.00	43	7.12	53	4.10	63	5.30	133	4.23	163	3.68	193	3.22	223	2.78	253	2.42	283	1.92	313	1.60	343	1.03																											
14	10.11	44	7.12	54	4.31	64	5.27	134	4.23	164	3.67	194	3.22	224	2.74	254	2.42	284	1.92	314	1.56	344	0.92																											
15	9.74	45	7.02	55	4.01	65	5.22	135	4.23	165	3.67	195	3.15	225	2.74	255	2.42	285	1.92	315	1.56	345	0.82																											
16	9.67	46	6.94	56	5.34	66	5.22	136	4.23	166	3.61	196	3.15	226	2.74	256	2.42	286	1.92	316	1.56	346	0.73																											
17	9.64	47	6.94	57	5.02	67	5.20	137	4.18	167	3.60	197	3.15	227	2.78	257	2.40	287	1.92	317	1.56	347	0.74																											
18	9.53	48	6.92	58	5.22	68	5.15	138	4.18	168	3.57	198	3.15	228	2.78	258	2.37	288	1.92	318	1.56	348	0.73																											
19	9.38	49	6.92	59	5.02	69	5.02	139	4.14	169	3.54	199	3.15	229	2.78	259	2.37	289	1.92	319	1.50	349	0.73																											
20	9.15	50	6.93	60	5.22	70	5.12	140	4.14	170	3.54	200	3.15	230	2.72	260	2.37	290	1.92	320	1.50	350	0.73																											
21	8.82	51	6.92	61	5.44	71	5.04	141	4.09	171	3.54	201	3.15	231	2.72	261	2.34	291	1.92	321	1.50	351	0.73																											
22	8.40	52	6.92	62	5.43	72	5.15	142	4.10	172	3.54	202	3.10	232	2.72	262	2.37	292	1.92	322	1.50	352	0.53																											
23	8.45	53	6.92	63	5.43	73	5.04	143	4.02	173	3.54	203	3.08	233	2.72	263	2.37	293	1.92	323	1.45	353	0.68																											
24	8.27	54	6.84	64	5.74	74	5.34	144	4.32	174	3.56	204	3.04	234	2.72	264	2.37	294	1.92	324	1.45	354	0.54																											
25	8.27	55																																																

YEAR 1971

TABLE		DAILY FLOW DURATION										STATION MALVASA										CATCHMENT AREA										35 (km ²)		UNIT : m ³ /SEC	
1	21.48	31	7.12	51	5.48	91	4.33	121	3.53	151	3.14	181	2.86	211	2.58	241	2.36	271	2.08	301	1.76	331	1.51	361	1.17										
2	20.97	32	7.10	52	5.41	92	4.26	122	3.42	152	3.18	182	2.84	212	2.58	242	2.34	272	2.08	302	1.76	332	1.51	362	1.17										
3	20.47	33	7.03	53	5.40	93	4.26	123	3.42	153	3.18	183	2.83	213	2.58	243	2.34	273	2.08	303	1.76	333	1.51	363	1.17										
4	19.95	34	6.96	54	5.30	94	4.26	124	3.42	154	3.14	184	2.81	214	2.58	244	2.31	274	2.08	304	1.76	334	1.51	364	1.12										
5	19.40	35	6.96	55	5.30	95	4.19	125	3.38	155	3.12	185	2.80	215	2.54	245	2.30	275	2.07	305	1.76	335	1.51	365	1.00										
6	18.86	36	6.85	56	5.30	96	4.18	126	3.34	156	3.12	186	2.80	216	2.53	246	2.30	276	2.07	306	1.76	336	1.51												
7	18.45	37	6.83	57	5.30	97	4.11	127	3.34	157	3.12	187	2.80	217	2.52	247	2.30	277	2.02	307	1.72	337	1.51												
8	18.12	38	6.57	58	5.24	98	4.11	128	3.34	158	3.04	188	2.80	218	2.52	248	2.30	278	2.02	308	1.72	338	1.46												
9	17.72	39	6.39	59	5.21	99	4.16	129	3.34	159	3.11	189	2.78	219	2.52	249	2.30	279	1.96	309	1.68	339	1.46												
10	17.40	40	6.22	60	5.21	100	4.04	130	3.34	160	2.98	190	2.76	220	2.52	250	2.30	280	1.90	310	1.60	340	1.46												
11	17.27	41	6.23	71	5.21	101	4.04	131	3.34	161	2.98	191	2.75	221	2.52	251	2.30	281	1.91	311	1.60	341	1.42												
12	17.45	42	6.23	72	5.12	102	4.04	132	3.34	162	2.97	192	2.75	222	2.52	252	2.30	282	1.91	312	1.60	342	1.42												
13	17.97	43	6.11	73	5.12	103	4.02	133	3.33	163	2.97	193	2.75	223	2.52	253	2.30	283	1.91	313	1.60	343	1.42												
14	18.25	44	6.11	74	5.12	104	3.97	134	3.33	164	2.97	194	2.75	224	2.52	254	2.24	284	1.90	314	1.60	344	1.42												
15	18.55	45	6.11	75	5.12	105	3.97	135	3.33	165	2.97	195	2.75	225	2.52	255	2.24	285	1.85	315	1.60	345	1.42												
16	18.92	46	6.04	76	5.04	106	3.90	136	3.40	166	2.97	196	2.75	226	2.47	256	2.24	286	1.85	316	1.60	346	1.42												
17	19.10	47	6.02	77	5.04	107	3.82	137	3.40	167	2.97	197	2.75	227	2.46	257	2.22	287	1.85	317	1.60	347	1.42												
18	19.10	48	5.97	78	4.98	108	3.82	138	3.35	168	2.97	198	2.70	228	2.46	258	2.19	288	1.85	318	1.60	348	1.33												
19	19.47	49	5.93	79	4.74	109	3.82	139	3.33	169	2.97	199	2.69	229	2.46	259	2.19	289	1.85	319	1.64	349	1.39												
20	19.84	50	5.88	80	4.52	110	3.82	140	3.33	170	2.97	200	2.69	230	2.41	260	2.19	290	1.85	320	1.64	350	1.38												
21	19.92	51	5.84	81	4.54	111	3.74	141	3.32	171	2.99	201	2.69	231	2.41	261	2.19	291	1.85	321	1.60	351	1.34												
22	20.05	52	5.75	82	4.58	112	3.74	142	3.32	172	2.92	202	2.69	232	2.41	262	2.18	292	1.85	322	1.60	352	1.34												
23	20.35	53	5.75	83	4.58	113	3.65	143	3.32	173	2.92	203	2.69	233	2.41	263	2.18	293	1.85	323	1.56	353	1.34												
24	20.84	54	5.75	84	4.58	114	3.68	144	3.26	174	2.90	204	2.69	234	2.41	264	2.18	294	1.85	324	1.56	354	1.34												
25	20.84	55	5.55	85	4.58	115	3.68	145	3.26	175	2.84	205	2.69	235	2.34	265	2.18	295	1.85	325	1.54	355	1.34												
26	20.84	56	5.52	86	4.48	116	3.68	146	3.26	176	2.84	206	2.65	236	2.34	266	2.13	296	1.85	326	1.55	356	1.34												
27	20.84	57	5.52	87	4.42	117	3.69	147	3.26	177	2.84	207	2.64	237	2.36	267	2.13	297	1.85	327	1.51	357	1.34												
28	20.84	58	5.48	88	4.40	118	3.68	148	3.26	178	2.84	208	2.64	238	2.36	268	2.13	298	1.85	328	1.51	358	1.26												
29	20.79	59	5.48	89	4.33	119	3.68	149	3.27	179	2.84	209	2.64	239	2.36	269	2.13	299	1.80	329	1.51	359	1.22												
30	20.72	60	5.48	90	4.33	120	3.63	150	3.19	180	2.84	210	2.64	240	2.36	270	2.13	300	1.80	330	1.51	360	1.22												

FLOW DURATION RUN-OFF 41X 21.58 35-DAYS 5.96 95-DAYS 4.12 145-DAYS 2.93 275-DAYS 2.37 355-DAYS 1.34 MIN 1.03 MEAN 3.78

YEAR 1972

TABLE		DAILY FLOW DURATION										STATION MALVASA										CATCHMENT AREA										35 (km ²)		UNIT : m ³ /SEC	
1	33.44	31	7.16	51	4.44	91	3.72	121	3.18	151	2.74	181	2.59	211	2.30	241	2.08	271	1.90	301	1.81	331	1.54	361	1.09										
2	27.38	32	6.83	52	4.45	92	3.72	122	3.18	152	2.71	182	2.59	212	2.30	242	2.07	272	1.90	302	1.76	332	1.54	362	1.09										
3	22.73	33	6.23	53	4.45	93	3.67	123	3.18	153	2.70	183	2.59	213	2.30	243	2.07	273	1.90	303	1.76	333	1.54	363	1.04										
4	20.64	34	6.23	54	4.47	94	3.65	124	3.13	154	2.65	184	2.49	214	2.30	244	2.07	274	1.90	304	1.76	334	1.54	364	1.04										
5	18.18	35	6.02	55	4.59	95	3.66	125	3.12	155	2.65	185	2.53	215	2.30	245	2.07	275	1.90	305	1.76	335	1.49	365	1.04										
6	16.18	36	5.75	56	4.54	96	3.61	126	3.09	156	2.65	186	2.53	216	2.30	246	2.07	276	1.90	306	1.76	336	1.45	366	1.00										
7	15.04	37	6.43	57	4.54	97	3.59	127	2.99	157	2.61	187	2.53	217	2.26	247	2.07	277	1.90	307	1.76	337	1.40												
8	14.42	38	6.49	58	4.55	98	3.59	128	2.90	158	2.59	188	2.53	218	2.26	248	2.07	278	1.90	308	1.76	338	1.40												
9	13.78	39	6.32	59	4.63	99	3.50	129	2.99	159	2.59	189	2.53	219	2.24	249	2.07	279	1.90	309	1.72	339	1.40												
10	12.78	40	6.27	71	4.43	100	3.59	131	2.90	161	2.59	191	2.47	220	2.24	250	2.07	280	1.90	310	1.72	340	1.40												
11	11.78	41	6.18	71	4.33	101	3.59	131	2.99	161	2.59	191	2.47	221	2.24	251	2.07	281	1.90	311	1.72	341	1.40												
12	11.21	42	6.08	72	4.32	102	3.59	132	2.99	162	2.59	192	2.47	222	2.19	252	2.07	282	1.90	312	1.72	342	1.36												
13	11.21	43	6.09	73	4.26	103	3.53	133	2.93	163	2.59	193	2.42	223	2.19	253	2.07	283	1.85	313	1.67	343	1.36												
14	10.11	44	6.03	74	4.26	104	3.47	134	2.93	164	2.59	194	2.42	224	2.19	254	2.07	284	1.85	314	1.67	344	1.27												
15	9.28	45	5.78	75	4.24	105	3.45	135	2.93	165	2.59	195	2.42	225	2.19	255	2.07	285	1.85	315	1.63	345	1.27												
16	8.35	46	5.74	76	4.24	106	3.45	134	2.93	164	2.59	194	2.42	226	2.19	256	2.07	286	1.85	316	1.58	346	1.27												
17	8.04	47	5.66	77	4.20	107	3.45	137	2.88	167	2.59	197	2.42	227	2.19	257	2.07	287	1.85	317	1.58	347	1.27												
18	8.44	48	5.43	78	4.20	108	3.45	138	2.88	168	2.59	198	2.34	228	2.13	258	2.07	288	1.85	318	1.58	348	1.27												
19	8.44	49	5.22	79	4.20	109	3.39	139	2.88	169	2.59	199	2.36	229	2.13	259	2.07	289	1.85	319	1.54	349	1.27												
20	8.45	50	5.22	80	4.23	110	3.32	141	2.88	171	2.59	201	2.34	230	2.13	260	2.07	290	1.85	320	1.54	350	1.27												
21	8.44	51	5.22	81	4.13	111	3.32	141	2.88	171	2.59	201	2.34	231	2.13	261	2.07	291	1.85	321	1.54	351	1.22												
22	8.25	52	5.14	82	3.99	112	3.32	142	2.88	172	2.59	202	2.34	232	2.13	262	2.07	292	1.85	322	1.54	352	1.22												
23	8.13	53	5.04	83	3.97	113	3.32	143	2.88	173	2.59	203	2.36	233	2.13	263	2.07	293	1.85	323	1.54	353	1.22												
24	8.13	54	5.04	84	3.93	114	3.32	144	2.88	174	2.59	204	2.36	234	2.13	264	2.07	294	1.85	324	1.54	354	1.22												
25	8.02	55	5.04	85	3.86	115	3.32	145	2.88																										

YEAR 1973

TABLE DAILY FLOW DURATION STATION MALVASA CATCHMENT AREA 35 KM² UNIT : M³/SEC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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FLOW DURATION RUN-OFF MAX 16.71 35-DAYS 6.69 95-DAYS 3.39 195-DAYS 2.74 275-DAYS 1.27 355-DAYS 0.93 MIN 0.74 MEAN 2.94

YEAR 1974

TABLE DAILY FLOW DURATION STATION MALVASA CATCHMENT AREA 35 KM² UNIT : M³/SEC

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	51
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YEAR 1975

TABLE	DAILY FLOW DURATION										STATION	MALVISA	CATCHMENT AREA							35 KM ²	UNIT : CM ³ /SEC				
1	17.53	31	8.53	51	7.74	31	5.93	121	6.49	151	6.73	131	3.67	211	3.35	241	2.45	271	2.24	301	1.90	331	1.36	361	1.39
2	14.19	32	8.74	52	7.04	32	5.44	122	4.89	152	4.13	132	3.47	212	3.05	242	2.45	272	2.24	302	1.90	332	1.36	362	1.09
3	14.19	33	8.71	53	6.93	33	5.44	123	4.41	153	4.13	133	3.47	213	2.99	243	2.45	273	2.24	303	1.90	333	1.31	363	1.17
4	14.19	34	8.13	54	6.93	34	5.44	124	4.41	154	4.09	134	3.45	214	2.94	244	2.45	274	2.24	304	1.90	334	1.23	364	1.00
5	13.72	35	8.13	55	6.84	35	5.43	125	4.31	155	4.04	135	3.45	215	2.89	245	2.45	275	2.24	305	1.90	335	1.27	365	1.30
6	13.72	36	8.13	56	6.84	36	5.55	126	4.81	156	4.04	136	3.45	216	2.89	246	2.45	276	2.24	306	1.90	336	1.27	366	1.30
7	13.72	37	8.32	57	6.84	37	5.47	127	4.73	157	3.99	137	3.45	217	2.83	247	2.45	277	2.24	307	1.85	337	1.27	367	1.27
8	11.43	38	8.32	58	6.82	38	5.47	128	4.73	158	3.99	138	3.45	218	2.83	248	2.59	278	2.24	308	1.85	338	1.27	368	1.27
9	11.43	39	8.32	59	6.80	39	5.47	129	4.73	159	3.93	139	3.39	219	2.83	249	2.59	279	2.24	309	1.81	339	1.27	369	1.27
10	11.71	40	7.92	70	6.60	100	5.47	130	4.73	160	3.93	140	3.39	220	2.93	250	2.59	280	2.24	310	1.76	340	1.27	370	1.27
11	11.71	41	7.31	71	6.47	101	5.47	131	4.39	161	3.93	141	3.37	221	2.89	251	2.59	281	2.24	311	1.76	341	1.27	371	1.27
12	11.71	42	7.31	72	6.40	102	5.47	132	4.54	162	3.86	142	3.32	222	2.88	252	2.59	282	2.24	312	1.76	342	1.27	372	1.27
13	11.71	43	7.43	73	6.40	103	5.39	133	4.54	163	3.86	143	3.32	223	2.89	253	2.59	283	2.24	313	1.76	343	1.27	373	1.27
14	9.80	44	7.49	74	6.49	104	5.30	134	4.51	164	3.86	144	3.32	224	2.88	254	2.59	284	2.24	314	1.76	344	1.27	374	1.27
15	3.49	45	7.54	75	6.43	105	5.39	135	4.67	165	3.86	145	3.32	225	2.89	255	2.47	285	2.19	315	1.68	345	1.18	375	1.18
16	9.49	46	7.67	76	6.49	106	5.39	136	4.60	166	3.86	146	3.26	226	2.88	256	2.42	286	2.13	316	1.63	346	1.18	376	1.18
17	9.49	47	7.47	77	6.49	107	5.39	137	4.67	167	3.86	147	3.25	227	2.89	257	2.42	287	2.13	317	1.58	347	1.18	377	1.18
18	9.49	48	7.47	78	6.49	108	5.22	138	4.60	168	3.86	148	3.20	228	2.88	258	2.42	288	2.13	318	1.58	348	1.18	378	1.18
19	7.28	49	7.47	79	6.49	109	5.22	139	4.60	169	3.86	149	3.19	229	2.89	259	2.42	289	2.13	319	1.58	349	1.18	379	1.18
20	9.28	50	7.47	80	6.38	110	5.22	140	4.33	170	3.73	150	3.18	230	2.76	260	2.42	290	2.01	320	1.54	350	1.09	380	1.09
21	9.18	51	7.35	81	6.32	111	5.22	141	4.33	171	3.72	151	3.18	231	2.76	261	2.42	291	2.01	321	1.54	351	1.09	381	1.09
22	9.18	52	7.34	82	6.18	112	5.14	142	4.33	172	3.72	152	3.18	232	2.76	262	2.42	292	2.01	322	1.54	352	1.09	382	1.09
23	9.17	53	7.35	83	6.15	113	5.09	143	4.31	173	3.66	153	3.18	233	2.76	263	2.36	293	2.01	323	1.54	353	1.09	383	1.09
24	9.07	54	7.35	84	6.09	114	5.06	144	4.24	174	3.66	154	3.05	234	2.70	264	2.36	294	2.01	324	1.54	354	1.09	384	1.09
25	9.07	55	7.34	85	6.05	115	5.05	145	4.24	175	3.66	155	3.05	235	2.70	265	2.36	295	2.01	325	1.54	355	1.09	385	1.09
26	8.97	56	7.35	86	5.97	116	4.99	146	4.24	176	3.61	156	3.05	236	2.70	266	2.36	296	2.01	326	1.40	356	1.09	386	1.09
27	8.94	57	7.14	87	5.88	117	4.93	147	4.24	177	3.59	157	3.05	237	2.70	267	2.36	297	2.01	327	1.40	357	1.09	387	1.09
28	8.84	58	7.14	88	5.88	118	4.89	148	4.24	178	3.59	158	3.05	238	2.70	268	2.36	298	2.01	328	1.40	358	1.09	388	1.09
29	8.74	59	7.14	89	5.80	119	4.89	149	4.24	179	3.59	159	3.05	239	2.65	269	2.36	299	2.01	329	1.40	359	1.09	389	1.09
30	8.64	60	7.14	90	5.80	120	4.89	150	4.20	180	3.52	160	3.05	240	2.65	270	2.30	300	1.90	330	1.36	360	1.09	390	1.09

FLOW DURATION	MAX	35-DAYS	95-DAYS	195-DAYS	275-DAYS	355-DAYS	MIN	MEAN
MIN-MAX	17.53	9.13	5.44	3.45	2.24	1.09	1.30	4.31

YEAR 1976

TABLE	DAILY FLOW DURATION										STATION	MALVISA	CATCHMENT AREA							35 KM ²	UNIT : CM ³ /SEC				
1	28.74	31	7.72	41	5.62	91	4.44	121	3.73	151	3.09	181	2.43	211	2.35	241	2.21	271	2.08	301	1.89	331	1.73	361	1.24
2	18.84	32	7.63	42	5.60	92	4.41	122	3.72	152	3.33	182	2.43	212	2.35	242	2.21	272	2.08	302	1.89	332	1.73	362	1.16
3	18.74	33	7.53	43	5.54	93	4.43	123	3.64	153	3.07	183	2.43	213	2.35	243	2.21	273	2.03	303	1.89	333	1.73	363	0.85
4	18.17	34	7.53	44	5.50	94	4.43	124	3.59	154	3.07	184	2.43	214	2.35	244	2.21	274	2.03	304	1.89	334	1.73	364	0.81
5	17.54	35	7.50	45	5.37	95	4.41	125	3.53	155	3.07	185	2.43	215	2.35	245	2.21	275	2.03	305	1.89	335	1.70	365	0.73
6	17.15	36	7.34	46	5.35	96	4.35	126	3.47	156	3.07	186	2.43	216	2.35	246	2.21	276	2.03	306	1.89	336	1.70	366	0.55
7	15.96	37	7.34	47	5.35	97	4.35	127	3.47	157	3.07	187	2.58	217	2.35	247	2.21	277	2.03	307	1.89	337	1.63	367	1.63
8	15.44	38	7.35	48	5.35	98	4.35	128	3.47	158	3.07	188	2.58	218	2.35	248	2.21	278	1.98	308	1.87	338	1.63	368	1.63
9	15.04	39	7.33	49	5.35	99	4.28	129	3.47	159	3.07	189	2.58	219	2.35	249	2.17	279	1.98	309	1.86	339	1.58	369	1.58
10	14.11	40	7.12	73	5.35	100	4.28	130	3.47	160	3.07	190	2.54	220	2.26	250	2.17	280	1.98	310	1.80	340	1.58	370	1.58
11	13.83	41	6.94	71	5.27	101	4.24	131	3.47	161	3.07	191	2.54	221	2.26	251	2.17	281	1.94	311	1.80	341	1.58	371	1.58
12	13.49	42	6.79	72	5.27	102	4.24	132	3.47	162	3.07	192	2.54	222	2.26	252	2.17	282	1.98	312	1.80	342	1.57	372	1.57
13	13.43	43	6.74	73	5.12	103	4.24	133	3.36	163	3.02	193	2.54	223	2.26	253	2.17	283	1.95	313	1.80	343	1.57	373	1.57
14	11.74	44	6.48	74	5.14	104	4.34	134	3.34	164	3.02	194	2.54	224	2.21	254	2.17	284	1.94	314	1.80	344	1.57	374	1.57
15	11.74	45	6.58	75	4.94	105	4.24	135	3.34	165	3.02	195	2.43	225	2.21	255	2.17	285	1.94	315	1.80	345	1.54	375	1.54
16	11.74	46	6.47	76	4.94	106	4.24	136	3.31	166	3.04	196	2.40	226	2.21	256	2.17	286	1.89	316	1.80	346	1.54	376	1.54
17	11.74	47	6.47	77	4.94	107	4.24	137	3.28	167	3.04	197	2.40	227	2.21	257	2.17	287	1.89	317	1.80	347	1.54	377	1.54
18	11.18	48	6.44	78	4.36	108	4.15	138	3.28	168	3.03	198	2.40	228	2.21	258	2.17	288	1.89	318	1.80	348	1.48	378	1.48
19	10.44	49	6.44	79	4.36	109	4.12	139	3.28	169	3.03	199	2.40	229	2.21	259	2.12	289	1.89	319	1.80	349	1.48	379	1.48
20	9.89	50	6.45	80	4.36	110	4.12	140	3.28	170	3.03	200	2.40	230	2.21	260	2.12	290	1.89	320	1.77	350	1.47	380	1.47
21	9.14	51	6.45	81	4.36	111	4.12	141	3.22	171	3.03	201	2.40	231	2.21	261	2.04	291	1.89	321	1.77	351	1.44	381	1.44
22	9.10	52	6.47	82	4.36	112	4.12	142	3.22	172	3.03	202	2.40	232	2.21	262	2.04	292	1.89	322	1.77	352	1.44	382	1.44
23	9.05	53	6.47	83	4.30																				

TABLE		DAILY FLOW DURATION			STATION			PTF CORRECTOR			CATCHMENT AREA			34 KM**2		UNIT : M**3/SEC									
1	4.96	31	2.17	51	1.74	91	1.52	121	1.38	151	1.22	181	1.14	211	1.05	241	0.96	271	0.85	301	0.76	331	0.59	361	0.42
2	4.77	32	2.37	52	1.74	92	1.49	122	1.37	152	1.21	182	1.13	212	1.03	242	0.94	272	0.83	302	0.72	332	0.59	362	0.42
3	4.69	33	2.35	53	1.72	93	1.48	123	1.37	153	1.21	183	1.13	213	1.03	243	0.94	273	0.83	303	0.72	333	0.59	363	0.42
4	4.63	34	2.33	54	1.72	94	1.45	124	1.35	154	1.21	184	1.13	214	1.03	244	0.95	274	0.83	304	0.72	334	0.57	364	0.42
5	4.26	35	2.02	55	1.70	95	1.44	125	1.35	155	1.21	185	1.13	215	1.01	245	0.95	275	0.83	305	0.72	335	0.57	365	0.40
6	4.14	35	2.00	55	1.70	95	1.44	125	1.34	155	1.19	185	1.12	215	1.01	245	0.95	275	0.83	305	0.72	335	0.55		
7	4.12	37	2.00	57	1.69	97	1.45	127	1.34	157	1.19	187	1.11	217	1.01	247	0.94	277	0.83	307	0.70	337	0.55		
8	3.92	38	2.00	58	1.67	98	1.45	128	1.34	158	1.19	188	1.11	218	1.01	248	0.94	278	0.83	308	0.70	338	0.55		
9	3.73	39	1.74	59	1.67	99	1.44	129	1.32	159	1.17	189	1.11	219	1.01	249	0.93	279	0.83	309	0.70	339	0.55		
10	3.53	40	1.94	70	1.67	100	1.43	130	1.32	160	1.17	190	1.11	220	1.01	250	0.92	280	0.83	310	0.70	340	0.53		
11	3.46	41	1.95	71	1.67	101	1.43	131	1.32	161	1.17	191	1.11	221	1.00	251	0.92	281	0.83	311	0.70	341	0.52		
12	3.63	42	1.95	72	1.67	102	1.43	132	1.32	162	1.16	192	1.10	222	1.00	252	0.92	282	0.83	312	0.70	342	0.52		
13	3.79	43	1.93	73	1.66	103	1.43	133	1.32	163	1.16	193	1.10	223	0.99	253	0.92	283	0.83	313	0.70	343	0.52		
14	3.79	44	1.93	74	1.66	104	1.43	134	1.30	164	1.16	194	1.09	224	0.99	254	0.90	284	0.83	314	0.70	344	0.52		
15	3.74	45	1.93	75	1.66	105	1.42	135	1.30	165	1.16	195	1.09	225	0.99	255	0.90	285	0.82	315	0.68	345	0.52		
16	3.72	45	1.93	75	1.66	105	1.42	135	1.30	165	1.16	195	1.09	225	0.99	255	0.90	285	0.82	315	0.68	345	0.52		
17	3.58	47	1.93	77	1.62	107	1.41	137	1.29	167	1.14	197	1.08	227	0.99	257	0.89	287	0.81	317	0.68	347	0.48		
18	3.58	49	1.90	78	1.61	108	1.41	138	1.29	168	1.14	198	1.08	228	0.98	258	0.89	288	0.81	318	0.66	348	0.48		
19	3.54	49	1.88	79	1.61	109	1.40	139	1.29	169	1.15	199	1.08	229	0.98	259	0.87	289	0.81	319	0.66	349	0.40		
20	3.57	50	1.87	80	1.58	110	1.40	140	1.27	170	1.15	200	1.08	230	0.97	260	0.87	290	0.81	320	0.66	350	0.47		
21	3.45	51	1.85	81	1.58	111	1.40	141	1.27	171	1.14	201	1.08	231	0.96	261	0.87	291	0.79	321	0.66	351	0.47		
22	3.39	52	1.85	82	1.58	112	1.39	142	1.26	172	1.14	202	1.08	232	0.96	262	0.87	292	0.78	322	0.66	352	0.47		
23	3.31	53	1.83	83	1.58	113	1.38	143	1.25	173	1.14	203	1.07	233	0.96	263	0.87	293	0.78	323	0.64	353	0.45		
24	3.27	54	1.82	84	1.58	114	1.38	144	1.25	174	1.14	204	1.07	234	0.96	264	0.87	294	0.78	324	0.64	354	0.45		
25	3.24	55	1.80	85	1.57	115	1.38	145	1.24	175	1.14	205	1.07	235	0.96	265	0.86	295	0.78	325	0.63	355	0.45		
26	3.19	55	1.80	85	1.55	116	1.38	146	1.24	176	1.14	206	1.07	236	0.96	266	0.85	296	0.77	326	0.63	356	0.43		
27	3.17	57	1.76	87	1.55	117	1.38	147	1.24	177	1.14	207	1.06	237	0.96	267	0.85	297	0.76	327	0.61	357	0.43		
28	3.17	58	1.74	88	1.55	118	1.38	148	1.24	178	1.14	208	1.06	238	0.96	268	0.85	298	0.76	328	0.61	358	0.43		
29	3.15	59	1.74	89	1.53	119	1.38	149	1.24	179	1.14	209	1.05	239	0.96	269	0.85	299	0.76	329	0.61	359	0.43		
30	3.14	59	1.74	89	1.52	120	1.38	150	1.24	180	1.14	210	1.05	240	0.96	270	0.85	300	0.76	330	0.61	360	0.42		

FLOW DURATION	MAX	35-DAYS	95-DAYS	195-DAYS	275-DAYS	355-DAYS	MIN	MEAN
RUN-OFF	4.94	2.77	1.44	1.13	0.83	0.65	0.40	1.28

TABLE		DAILY FLOW DURATION			STATION			PTF CORRECTOR			CATCHMENT AREA			34 KM**2		UNIT : M**3/SEC									
1	4.22	31	2.53	51	2.37	91	1.83	121	1.51	151	1.44	181	1.30	211	1.19	241	1.08	271	0.90	301	0.67	331	0.49	361	0.36
2	3.76	32	2.53	52	2.37	92	1.82	122	1.51	152	1.44	182	1.30	212	1.17	242	1.07	272	0.88	302	0.66	332	0.48	362	0.33
3	3.45	33	2.50	53	2.36	93	1.83	123	1.51	153	1.44	183	1.30	213	1.17	243	1.07	273	0.88	303	0.65	333	0.47	363	0.33
4	3.59	34	2.50	54	2.04	94	1.82	124	1.40	154	1.44	184	1.29	214	1.17	244	1.06	274	0.87	304	0.64	334	0.47	364	0.32
5	3.47	35	2.49	55	2.33	95	1.81	125	1.40	155	1.44	185	1.29	215	1.17	245	1.06	275	0.86	305	0.63	335	0.44	365	0.32
6	3.26	36	2.39	56	2.02	96	1.81	126	1.58	156	1.45	186	1.27	216	1.16	246	1.06	276	0.86	306	0.62	336	0.44		
7	3.23	37	2.37	57	2.32	97	1.81	127	1.58	157	1.45	187	1.27	217	1.16	247	1.06	277	0.85	307	0.61	337	0.44		
8	3.19	38	2.35	58	2.02	98	1.80	128	1.58	158	1.45	188	1.26	218	1.15	248	1.05	278	0.84	308	0.61	338	0.43		
9	3.15	39	2.33	59	2.31	99	1.83	129	1.57	159	1.44	189	1.26	219	1.15	249	1.05	279	0.82	309	0.60	339	0.43		
10	3.13	40	2.33	70	2.31	100	1.79	130	1.57	160	1.44	190	1.26	220	1.15	250	1.03	280	0.82	310	0.60	340	0.43		
11	3.11	41	2.33	71	2.31	101	1.79	131	1.57	161	1.44	191	1.26	221	1.14	251	1.02	281	0.82	311	0.59	341	0.42		
12	3.04	42	2.31	72	2.31	102	1.79	132	1.56	162	1.44	192	1.26	222	1.14	252	1.02	282	0.80	312	0.59	342	0.42		
13	3.02	43	2.33	73	2.31	103	1.78	133	1.56	163	1.44	193	1.26	223	1.14	253	1.02	283	0.80	313	0.58	343	0.42		
14	2.88	44	2.29	74	2.00	104	1.77	134	1.53	164	1.42	194	1.24	224	1.14	254	1.01	284	0.79	314	0.56	344	0.42		
15	2.87	45	2.27	75	2.00	105	1.74	135	1.53	165	1.42	195	1.24	225	1.13	255	1.01	285	0.78	315	0.54	345	0.42		
16	2.85	45	2.27	76	1.98	106	1.75	136	1.53	166	1.41	196	1.25	226	1.13	256	1.00	286	0.78	316	0.53	346	0.42		
17	2.81	47	2.25	77	1.98	107	1.75	137	1.53	167	1.41	197	1.25	227	1.13	257	1.00	287	0.78	317	0.53	347	0.40		
18	2.80	48	2.24	78	1.97	108	1.74	138	1.52	168	1.40	198	1.24	228	1.13	258	1.00	288	0.78	318	0.52	348	0.40		
19	2.78	49	2.24	79	1.94	109	1.73	139	1.52	169	1.40	199	1.24	229	1.13	259	0.99	289	0.77	319	0.52	349	0.39		
20	2.77	50	2.22	80	1.92	110	1.73	140	1.50	170	1.39	200	1.24	230	1.12	260	0.99	290	0.76	320	0.52	350	0.39		
21	2.75	51	2.19	81	1.91	111	1.72	141	1.50	171	1.39	201	1.23	231	1.10	261	0.99	291	0.76	321	0.52	351	0.39		
22	2.73	52	2.19	82	1.91	112	1.69	142	1.50	172	1.39	202	1.22	232	1.10	262	0.98	292	0.74	322	0.51	352	0.39		
23	2.73	53	2.19	83	1.91	113	1.69	143	1.50	173	1.39	203	1.21	233	1.10	263	0.98	293	0.73	323	0.51	353	0.38		
24	2.69	54	2.17	84	1.89	114	1.68	144	1.49	174	1.39	204	1.21	234	1.10	264	0.97	294	0.72	324	0.51	354	0.37		
25	2.68																								

TABLE		DAILY FLOW DURATION										STATION										PTE CHARACTER										CATCHMENT AREA										38 KM ²										UNIT : CM ³ /SEC									
1	3.84	31	2.11	41	1.82	91	1.40	121	1.46	151	1.35	181	1.17	211	1.03	241	0.95	271	0.86	301	0.78	331	0.65	361	0.54																																				
2	3.84	32	2.09	42	1.82	92	1.40	122	1.46	152	1.33	182	1.17	212	1.03	242	0.95	272	0.86	302	0.78	332	0.65	362	0.54																																				
3	3.84	33	2.09	43	1.81	93	1.40	123	1.46	153	1.31	183	1.17	213	1.02	243	0.95	273	0.86	303	0.78	333	0.65	363	0.53																																				
4	3.84	34	2.07	44	1.81	94	1.40	124	1.46	154	1.31	184	1.16	214	1.02	244	0.93	274	0.86	304	0.77	334	0.64	364	0.53																																				
5	3.84	35	2.07	45	1.81	95	1.40	125	1.45	155	1.30	185	1.16	215	1.01	245	0.93	275	0.86	305	0.77	335	0.64	365	0.53																																				
6	3.71	35	2.07	45	1.80	96	1.40	125	1.45	155	1.27	185	1.16	215	1.01	245	0.93	276	0.85	306	0.77	336	0.64	366	0.48																																				
7	3.61	37	2.07	47	1.80	97	1.40	127	1.45	157	1.27	187	1.16	217	1.01	247	0.92	277	0.84	307	0.76	337	0.64																																						
8	3.47	38	2.04	48	1.79	98	1.40	129	1.45	159	1.26	188	1.15	218	1.01	248	0.92	278	0.84	308	0.76	338	0.64																																						
9	3.44	39	2.02	49	1.78	99	1.40	129	1.44	159	1.26	189	1.15	219	1.01	249	0.92	279	0.84	309	0.76	339	0.63																																						
10	3.42	40	1.99	50	1.77	100	1.40	131	1.44	161	1.26	190	1.14	220	1.01	250	0.92	280	0.84	310	0.76	340	0.63																																						
11	3.40	41	1.98	51	1.77	101	1.40	131	1.44	161	1.25	191	1.13	221	1.00	251	0.92	281	0.84	311	0.76	341	0.63																																						
12	3.37	42	1.97	52	1.77	102	1.40	132	1.44	162	1.25	192	1.12	222	0.99	252	0.92	282	0.84	312	0.75	342	0.62																																						
13	3.35	43	1.97	53	1.77	103	1.40	133	1.44	163	1.24	193	1.10	223	0.99	253	0.92	283	0.83	313	0.75	343	0.62																																						
14	3.33	44	1.97	54	1.77	104	1.40	134	1.44	164	1.24	194	1.09	224	0.99	254	0.91	284	0.83	314	0.74	344	0.62																																						
15	3.31	45	1.96	55	1.76	105	1.40	135	1.44	165	1.22	195	1.08	225	0.99	255	0.91	285	0.83	315	0.74	345	0.62																																						
16	3.28	45	1.93	56	1.76	106	1.40	136	1.44	166	1.21	196	1.08	226	0.99	256	0.90	286	0.83	316	0.74	346	0.61																																						
17	3.27	47	1.93	57	1.76	107	1.40	137	1.44	167	1.21	197	1.08	227	0.99	257	0.90	287	0.82	317	0.73	347	0.61																																						
18	3.24	48	1.92	58	1.76	108	1.40	138	1.44	168	1.21	198	1.08	228	0.98	258	0.90	288	0.82	318	0.72	348	0.59																																						
19	3.23	49	1.92	59	1.76	109	1.40	139	1.44	169	1.20	199	1.07	229	0.98	259	0.89	289	0.81	319	0.71	349	0.59																																						
20	3.22	50	1.91	60	1.76	110	1.40	140	1.44	170	1.20	200	1.07	230	0.97	260	0.89	290	0.81	320	0.71	350	0.58																																						
21	3.21	51	1.91	61	1.76	111	1.40	141	1.44	171	1.20	201	1.06	231	0.97	261	0.89	291	0.81	321	0.71	351	0.58																																						
22	3.20	52	1.90	62	1.76	112	1.40	142	1.44	172	1.20	202	1.06	232	0.97	262	0.89	292	0.81	322	0.71	352	0.58																																						
23	3.19	53	1.89	63	1.76	113	1.40	143	1.44	173	1.20	203	1.06	233	0.97	263	0.88	293	0.80	323	0.71	353	0.57																																						
24	3.18	54	1.88	64	1.75	114	1.40	144	1.44	174	1.19	204	1.06	234	0.97	264	0.88	294	0.80	324	0.70	354	0.57																																						
25	3.17	55	1.88	65	1.75	115	1.40	145	1.44	175	1.19	205	1.05	235	0.97	265	0.87	295	0.79	325	0.70	355	0.56																																						
26	3.16	56	1.85	66	1.75	116	1.40	146	1.44	176	1.19	206	1.05	236	0.97	266	0.87	296	0.79	326	0.69	356	0.56																																						
27	3.15	57	1.84	67	1.75	117	1.40	147	1.44	177	1.19	207	1.05	237	0.96	267	0.87	297	0.79	327	0.68	357	0.56																																						
28	3.14	58	1.84	68	1.75	118	1.40	148	1.44	178	1.18	208	1.05	238	0.96	268	0.87	298	0.78	328	0.68	358	0.56																																						
29	3.13	59	1.83	69	1.75	119	1.40	149	1.44	179	1.18	209	1.03	239	0.96	269	0.87	299	0.78	329	0.68	359	0.55																																						
30	3.13	60	1.82	70	1.75	120	1.40	150	1.44	180	1.17	210	1.03	240	0.96	270	0.87	300	0.78	330	0.68	360	0.55																																						

FLOW DURATION MAX 35-DAYS 95-DAYS 195-DAYS 275-DAYS 355-DAYS MIN MEAN
 RUN-OFF 3.44 2.07 1.58 1.14 0.86 0.54 0.48 1.33

TABLE		DAILY FLOW DURATION										STATION										PTE CHARACTER										CATCHMENT AREA										38 KM ²										UNIT : CM ³ /SEC									
1	3.99	31	2.33	41	1.75	91	1.49	121	1.31	151	1.17	181	1.05	211	0.95	241	0.86	271	0.76	301	0.65	331	0.48	361	0.32																																				
2	3.97	32	2.23	42	1.74	92	1.49	122	1.30	152	1.16	182	0.94	212	0.94	242	0.74	272	0.65	302	0.57	332	0.48	362	0.32																																				
3	3.71	33	2.22	43	1.74	93	1.49	123	1.29	153	1.16	183	0.94	213	0.93	243	0.73	273	0.64	303	0.57	333	0.48	363	0.32																																				
4	3.69	34	2.19	44	1.73	94	1.47	124	1.29	154	1.07	184	0.94	214	0.93	244	0.73	274	0.64	304	0.56	334	0.47	364	0.29																																				
5	3.50	35	2.13	45	1.71	95	1.47	125	1.28	155	1.07	185	0.94	215	0.93	245	0.73	275	0.64	305	0.56	335	0.47	365	0.28																																				
6	3.31	36	2.04	46	1.70	96	1.47	126	1.27	156	1.07	186	0.93	216	0.92	246	0.73	276	0.64	306	0.56	336	0.46																																						
7	3.29	37	1.98	47	1.70	97	1.46	127	1.27	157	1.07	187	0.93	217	0.91	247	0.73	277	0.63	307	0.56	337	0.45																																						
8	3.17	38	1.97	48	1.70	98	1.44	128	1.27	158	1.06	188	0.93	218	0.91	248	0.72	278	0.63	308	0.56	338	0.44																																						
9	3.13	39	1.97	49	1.69	99	1.44	129	1.25	159	1.06	189	0.92	219	0.91	249	0.72	279	0.63	309	0.55	339	0.44																																						
10	3.07	40	1.94	50	1.69	100	1.45	130	1.25	160	1.04	190	0.92	220	0.91	250	0.72	280	0.63	310	0.55	340	0.44																																						
11	3.07	41	1.95	51	1.67	101	1.45	131	1.23	161	1.04	191	0.92	221	0.91	251	0.72	281	0.63	311	0.54	341	0.43																																						
12	3.05	42	1.95	52	1.65	102	1.44	132	1.22	162	1.05	192	0.92	222	0.91	252	0.72	282	0.63	312	0.53	342	0.43																																						
13	3.05	43	1.94	53	1.65	103	1.44	133	1.22	163	1.05	193	0.91	223	0.90	253	0.71	283	0.63	313	0.52	343	0.43																																						
14	3.05	44	1.93	54	1.67	104	1.44	134	1.21	164	1.04	194	0.91	224	0.90	254	0.71	284	0.62	314	0.52	344	0.42																																						
15	3.04	45	1.92	55	1.67	105	1.42	135	1.19	165	1.04	195	0.90	225	0.90	255	0.70	285	0.61	315	0.51	345	0.42																																						
16	3.04	46	1.91	56	1.67	106	1.42	136	1.19	166	1.03	196	0.90	226	0.90	256	0.70	286	0.61	316	0.51	346	0.42																																						
17	2.95	47	1.91	57	1.67	107	1.42	137	1.18	167	1.03	197	0.90	227	0.90	257	0.69	287	0.61	317	0.51	347	0.40																																						
18	2.95	48	1.91	58	1.65	108	1.41	138	1.18	168	1.02	198	0.90	228	0.90	258	0.69	288	0.61	318	0.51	348	0.40																																						
19	2.78	49	1.90	59	1.68	109	1.41	139	1.18	169	1.01	199	0.89	229	0.90	259	0.68	289	0.60	319	0.51	349	0.39																																						
20	2.74	50	1.89	60	1.67	110	1.41	140	1.15	170	1.01	200	0.89	230	0.90	260	0.68	290	0.60	320	0.51	350	0.39																																						
21	2.62	51	1.87	61	1.67	111	1.40	141	1.15	171	1.01	201	0.89	231	0.90	261	0.67	291	0.60	321	0.51	351	0.38																																						
22	2.59	52	1.85	62	1.67	112	1.40	142	1.15	172	1.00	202	0.89	232	0.90	262	0.67	292	0.59	322	0.50	352	0.37																																						
23	2.57	53	1.84	63	1.66	113	1.40	143	1.14	173	1.00	203	0.89	233	0.90	263	0.67	293	0.59	323	0.50	353	0.37																																						
24	2.57	54	1.82	64	1.66	114	1.40	144	1.14	174	0.99	204	0.88	234	0.90	264	0.66	294	0.59	324	0.50	354	0.36																																						
25	2.51	55	1.82	65	1.65	115	1.39																																																						

YEAR 1966

TABLE		DAILY FLOW DURATION			STATION		PTC CARRETERA		CATCHMENT AREA			33 KM**2		UNIT : MM**3/SEC											
1	8.46	31	1.76	41	1.83	91	1.78	121	1.22	151	1.10	181	1.00	211	0.92	241	0.85	271	0.74	301	0.67	331	0.59	361	0.49
2	8.71	32	1.84	42	1.77	92	1.74	122	1.22	152	1.10	182	1.00	212	0.92	242	0.84	272	0.74	302	0.67	332	0.57	362	0.45
3	8.35	33	1.81	43	1.73	93	1.74	123	1.19	153	1.08	183	1.00	213	0.91	243	0.84	273	0.74	303	0.67	333	0.57	363	0.45
4	8.24	34	1.57	44	1.72	94	1.74	124	1.19	154	1.08	184	1.00	214	0.91	244	0.84	274	0.74	304	0.66	334	0.57	364	0.43
5	8.14	35	1.47	45	1.47	95	1.73	125	1.19	155	1.08	185	0.99	215	0.91	245	0.84	275	0.73	305	0.66	335	0.57	365	0.40
6	7.91	36	1.34	46	1.46	96	1.33	126	1.19	156	1.08	186	0.99	216	0.91	246	0.83	276	0.73	306	0.66	336	0.56		
7	7.81	37	1.34	47	1.46	97	1.33	127	1.19	157	1.07	187	0.99	217	0.90	247	0.82	277	0.73	307	0.65	337	0.56		
8	7.44	38	1.29	48	1.43	98	1.31	128	1.18	158	1.06	188	0.98	218	0.90	248	0.82	278	0.72	308	0.65	338	0.56		
9	7.17	39	1.23	49	1.59	99	1.31	129	1.18	159	1.06	189	0.98	219	0.90	249	0.82	279	0.72	309	0.65	339	0.56		
10	7.01	40	1.14	50	1.57	100	1.31	130	1.18	160	1.05	190	0.99	220	0.90	250	0.81	280	0.72	310	0.65	340	0.55		
11	6.96	41	1.14	51	1.57	101	1.31	131	1.17	161	1.05	191	0.98	221	0.89	251	0.81	281	0.72	311	0.65	341	0.55		
12	6.52	42	1.03	52	1.53	102	1.33	132	1.16	162	1.04	192	0.97	222	0.89	252	0.81	282	0.72	312	0.65	342	0.55		
13	6.40	43	1.03	53	1.51	103	1.29	133	1.16	163	1.04	193	0.97	223	0.89	253	0.81	283	0.71	313	0.64	343	0.55		
14	6.30	44	1.03	54	1.50	104	1.28	134	1.16	164	1.04	194	0.97	224	0.89	254	0.81	284	0.71	314	0.64	344	0.55		
15	6.23	45	1.02	55	1.50	105	1.24	135	1.16	165	1.04	195	0.97	225	0.89	255	0.80	285	0.70	315	0.64	345	0.54		
16	6.17	46	1.02	56	1.44	106	1.24	136	1.16	166	1.04	196	0.97	226	0.89	256	0.79	286	0.70	316	0.63	346	0.54		
17	6.07	47	1.02	57	1.44	107	1.27	137	1.15	167	1.02	197	0.96	227	0.89	257	0.79	287	0.70	317	0.62	347	0.54		
18	6.01	48	1.02	58	1.44	108	1.27	138	1.15	168	1.02	198	0.96	228	0.89	258	0.79	288	0.70	318	0.62	348	0.54		
19	6.76	49	1.02	59	1.43	109	1.25	139	1.15	169	1.02	199	0.96	229	0.88	259	0.78	289	0.70	319	0.61	349	0.54		
20	6.45	50	1.02	60	1.43	110	1.25	140	1.15	170	1.02	200	0.95	230	0.88	260	0.77	290	0.69	320	0.61	350	0.54		
21	6.40	51	1.02	61	1.43	111	1.25	141	1.14	171	1.02	201	0.95	231	0.87	261	0.77	291	0.69	321	0.61	351	0.54		
22	6.15	52	1.02	62	1.42	112	1.25	142	1.14	172	1.01	202	0.95	232	0.87	262	0.77	292	0.69	322	0.60	352	0.53		
23	6.04	53	1.02	63	1.41	113	1.24	143	1.13	173	1.01	203	0.95	233	0.87	263	0.77	293	0.68	323	0.60	353	0.53		
24	6.49	54	1.02	64	1.41	114	1.24	144	1.13	174	1.01	204	0.94	234	0.87	264	0.76	294	0.68	324	0.60	354	0.53		
25	6.46	55	1.02	65	1.41	115	1.24	145	1.13	175	1.01	205	0.94	235	0.87	265	0.76	295	0.68	325	0.60	355	0.53		
26	6.14	56	1.02	66	1.40	116	1.24	146	1.13	176	1.01	206	0.93	236	0.86	266	0.76	296	0.68	326	0.59	356	0.52		
27	7.99	57	1.01	67	1.40	117	1.24	147	1.12	177	1.00	207	0.92	237	0.86	267	0.76	297	0.68	327	0.59	357	0.52		
28	3.99	58	1.02	68	1.39	118	1.23	148	1.12	178	1.00	208	0.92	238	0.86	268	0.76	298	0.68	328	0.59	358	0.51		
29	1.42	59	1.02	69	1.39	119	1.23	149	1.11	179	1.00	209	0.92	239	0.86	269	0.75	299	0.68	329	0.59	359	0.50		
30	1.74	60	1.04	70	1.38	120	1.22	150	1.10	180	1.00	210	0.92	240	0.86	270	0.75	300	0.68	330	0.59	360	0.50		

FLOW DURATION / QUN-OFF	MAX	35-DAYS	95-DAYS	195-DAYS	275-DAYS	355-DAYS	MIN	MEAN
	8.96	3.42	1.33	0.99	0.73	0.53	0.40	1.53

YEAR 1967

TABLE		DAILY FLOW DURATION			STATION		PTC CARRETERA		CATCHMENT AREA			34 KM**2		UNIT : MM**3/SEC											
1	5.93	31	2.43	51	1.95	91	1.79	121	1.42	151	1.51	181	1.44	211	1.29	241	1.14	271	1.04	301	0.82	331	0.54	361	0.40
2	6.49	32	2.34	52	1.93	92	1.77	122	1.42	152	1.51	182	1.44	212	1.29	242	1.14	272	1.04	302	0.82	332	0.53	362	0.40
3	6.31	33	2.35	53	1.90	93	1.77	123	1.42	153	1.50	183	1.44	213	1.29	243	1.17	273	1.02	303	0.76	333	0.53	363	0.40
4	6.66	34	2.32	54	1.90	94	1.74	124	1.42	154	1.50	184	1.40	214	1.29	244	1.17	274	1.02	304	0.74	334	0.53	364	0.39
5	6.42	35	2.30	55	1.90	95	1.74	125	1.42	155	1.50	185	1.40	215	1.28	245	1.17	275	1.02	305	0.74	335	0.52	365	0.38
6	6.35	36	2.30	56	1.89	96	1.75	126	1.41	156	1.49	186	1.39	216	1.28	246	1.17	276	1.02	306	0.73	336	0.52		
7	6.33	37	2.29	57	1.89	97	1.75	127	1.41	157	1.49	187	1.39	217	1.28	247	1.17	277	1.01	307	0.70	337	0.51		
8	6.25	38	2.21	58	1.88	98	1.73	128	1.40	158	1.48	188	1.39	218	1.28	248	1.16	278	0.99	308	0.68	338	0.51		
9	6.23	39	2.21	59	1.87	99	1.73	129	1.39	159	1.48	189	1.39	219	1.28	249	1.16	279	0.99	309	0.68	339	0.51		
10	6.17	40	2.19	60	1.87	100	1.73	130	1.38	160	1.48	190	1.39	220	1.28	250	1.16	280	0.98	310	0.67	340	0.51		
11	6.13	41	2.19	61	1.86	101	1.73	131	1.38	161	1.48	191	1.39	221	1.27	251	1.16	281	0.98	311	0.67	341	0.51		
12	6.10	42	2.19	62	1.86	102	1.72	132	1.38	162	1.48	192	1.39	222	1.26	252	1.16	282	0.98	312	0.67	342	0.51		
13	6.03	43	2.14	63	1.85	103	1.71	133	1.38	163	1.48	193	1.39	223	1.26	253	1.15	283	0.94	313	0.66	343	0.50		
14	6.00	44	2.13	64	1.83	104	1.70	134	1.38	164	1.48	194	1.38	224	1.26	254	1.14	284	0.94	314	0.65	344	0.50		
15	6.04	45	2.12	65	1.83	105	1.70	135	1.37	165	1.48	195	1.38	225	1.25	255	1.14	285	0.94	315	0.65	345	0.50		
16	6.01	46	2.07	66	1.83	106	1.69	136	1.37	166	1.48	196	1.38	226	1.25	256	1.14	286	0.93	316	0.64	346	0.49		
17	6.08	47	2.02	67	1.82	107	1.69	137	1.37	167	1.48	197	1.38	227	1.25	257	1.13	287	0.93	317	0.64	347	0.49		
18	6.81	48	2.04	68	1.81	108	1.69	138	1.37	168	1.48	198	1.38	228	1.24	258	1.13	288	0.93	318	0.63	348	0.47		
19	6.77	49	2.04	69	1.81	109	1.69	139	1.37	169	1.48	199	1.38	229	1.24	259	1.13	289	0.91	319	0.63	349	0.47		
20	6.74	50	2.04	70	1.80	110	1.69	140	1.36	170	1.44	200	1.38	230	1.24	260	1.13	290	0.91	320	0.62	350	0.46		
21	6.53	51	2.03	71	1.80	111	1.67	141	1.35	171	1.44	201	1.35	231	1.24	261	1.11	291	0.89	321	0.62	351	0.45		
22	6.41	52	2.01	72	1.80	112	1.67	142	1.35	172	1.44	202	1.35	232	1.23	262	1.10	292	0.88	322	0.62	352	0.44		
23	6.53	53	2.01	73	1.80	113	1.66	143	1.35	173	1.44	203	1.34	233	1.23	263	1.09	293	0.86	323	0.61	353	0.44		
24	6.51	54	1.98	74	1.80	114	1.66	144	1.34	174	1.42	204	1.33	234	1.23	264	1.08	294	0.86	324	0.59	354	0.44		
25	6.51																								

YEAR 1968

TABLE	DAILY FLOW DURATION					STATION	PTF CHARACTER	CATCHMENT AREA	39 KM**2	UNIT 1 M**3/SEC															
1	3.75	31	2.29	61	1.82	91	1.42	121	1.44	151	1.33	181	1.24	211	1.16	241	1.11	271	0.99	301	0.86	331	0.68	351	0.55
2	3.50	32	2.24	62	1.82	92	1.41	122	1.44	152	1.32	182	1.23	212	1.16	242	1.11	272	0.99	302	0.86	332	0.67	352	0.55
3	3.46	33	2.19	63	1.82	93	1.41	123	1.44	153	1.32	183	1.23	213	1.16	243	1.11	273	0.99	303	0.85	333	0.67	353	0.53
4	3.21	34	2.18	64	1.82	94	1.41	124	1.44	154	1.32	184	1.23	214	1.16	244	1.11	274	0.98	304	0.85	334	0.66	354	0.51
5	3.13	35	2.18	65	1.82	95	1.41	125	1.43	155	1.32	185	1.22	215	1.16	245	1.09	275	0.98	305	0.84	335	0.65	355	0.50
6	3.11	35	2.18	65	1.80	95	1.41	125	1.41	155	1.33	185	1.22	215	1.16	245	1.09	275	0.98	305	0.84	335	0.65	355	0.50
7	2.94	37	2.18	67	1.80	97	1.59	127	1.41	157	1.30	187	1.21	217	1.15	247	1.09	277	0.97	307	0.83	337	0.64		
8	2.74	38	2.16	68	1.80	98	1.59	128	1.40	158	1.30	188	1.20	218	1.15	248	1.08	278	0.97	308	0.81	338	0.64		
9	2.74	38	2.15	69	1.79	99	1.58	129	1.39	159	1.30	189	1.20	219	1.15	249	1.08	279	0.97	309	0.81	339	0.63		
10	2.59	47	2.11	70	1.79	100	1.59	137	1.39	167	1.29	197	1.20	220	1.15	250	1.08	280	0.96	310	0.81	340	0.62		
11	2.46	41	2.11	71	1.79	101	1.57	131	1.39	161	1.29	191	1.20	221	1.14	251	1.08	281	0.96	311	0.80	341	0.62		
12	2.44	42	2.10	72	1.77	102	1.57	132	1.39	162	1.29	192	1.20	222	1.14	252	1.06	282	0.96	312	0.79	342	0.62		
13	2.44	43	2.08	73	1.77	103	1.56	133	1.38	163	1.29	193	1.20	223	1.14	253	1.06	283	0.96	313	0.79	343	0.62		
14	2.57	44	2.05	74	1.75	104	1.54	134	1.38	164	1.29	194	1.20	224	1.14	254	1.06	284	0.95	314	0.75	344	0.62		
15	2.54	45	2.05	75	1.75	105	1.54	135	1.38	165	1.29	195	1.20	225	1.14	255	1.06	285	0.95	315	0.75	345	0.61		
16	2.54	45	1.98	76	1.75	106	1.53	136	1.38	166	1.29	196	1.20	226	1.13	256	1.06	286	0.94	316	0.75	346	0.61		
17	2.52	47	1.94	77	1.72	107	1.53	137	1.38	167	1.28	197	1.19	227	1.13	257	1.06	287	0.94	317	0.74	347	0.61		
18	2.49	49	1.94	78	1.70	108	1.52	138	1.38	168	1.27	198	1.19	228	1.13	258	1.05	288	0.94	318	0.74	348	0.60		
19	2.47	49	1.94	79	1.70	109	1.52	139	1.38	169	1.27	199	1.19	229	1.13	259	1.04	289	0.93	319	0.73	349	0.59		
20	2.45	53	1.95	85	1.70	110	1.52	147	1.35	173	1.27	207	1.19	230	1.13	260	1.04	290	0.92	320	0.73	350	0.59		
21	2.45	51	1.95	81	1.69	111	1.52	141	1.35	171	1.27	201	1.19	231	1.13	261	1.04	291	0.91	321	0.72	351	0.59		
22	2.39	52	1.90	82	1.68	112	1.52	142	1.34	172	1.26	202	1.19	232	1.13	262	1.02	292	0.91	322	0.71	352	0.58		
23	2.34	53	1.93	83	1.68	113	1.50	143	1.34	173	1.26	203	1.17	233	1.13	263	1.02	293	0.90	323	0.71	353	0.58		
24	2.34	54	1.93	84	1.66	114	1.51	144	1.34	174	1.26	204	1.17	234	1.13	264	1.02	294	0.90	324	0.71	354	0.58		
25	2.34	55	1.89	85	1.65	115	1.50	145	1.34	175	1.26	205	1.17	235	1.12	265	1.02	295	0.89	325	0.71	355	0.58		
26	2.34	55	1.87	85	1.65	116	1.51	144	1.34	174	1.26	204	1.17	236	1.12	264	1.01	296	0.89	326	0.70	356	0.57		
27	2.30	57	1.87	87	1.65	117	1.49	147	1.33	177	1.26	207	1.17	237	1.11	267	1.01	297	0.88	327	0.69	357	0.57		
28	2.29	58	1.85	88	1.64	118	1.49	148	1.33	178	1.26	208	1.17	238	1.11	268	1.01	298	0.87	328	0.69	358	0.55		
29	2.29	59	1.85	89	1.64	119	1.49	149	1.33	179	1.26	209	1.17	239	1.11	269	1.00	299	0.87	329	0.68	359	0.55		
30	2.29	57	1.82	87	1.62	119	1.46	157	1.33	181	1.26	217	1.16	240	1.11	270	1.00	300	0.87	330	0.68	360	0.55		

FLOW DURATION	MAX	35-DAYS	95-DAYS	195-DAYS	275-DAYS	355-DAYS	MIN	MEAN
RUN-OFF	3.75	2.18	1.41	1.22	0.98	0.58	0.50	1.35

YEAR 1969

TABLE	DAILY FLOW DURATION					STATION	PTF CHARACTER	CATCHMENT AREA	34 KM**2	UNIT 1 M**3/SEC															
1	3.93	31	2.24	61	1.95	91	1.74	121	1.58	151	1.44	181	1.23	211	1.09	241	1.04	271	0.84	301	0.67	331	0.55	351	0.33
2	3.78	32	2.22	62	1.95	92	1.74	122	1.58	152	1.43	182	1.22	212	1.08	242	0.94	272	0.84	302	0.67	332	0.55	352	0.32
3	3.73	33	2.19	63	1.94	93	1.74	123	1.58	153	1.43	183	1.22	213	1.08	243	0.94	273	0.84	303	0.66	333	0.53	353	0.32
4	3.48	34	2.19	64	1.93	94	1.71	124	1.58	154	1.43	184	1.21	214	1.07	244	0.93	274	0.83	304	0.66	334	0.53	354	0.32
5	3.34	35	2.19	65	1.90	95	1.71	125	1.57	155	1.41	185	1.20	215	1.07	245	0.93	275	0.83	305	0.65	335	0.53	355	0.31
6	2.98	34	2.13	66	1.90	96	1.71	126	1.57	156	1.40	186	1.20	216	1.07	246	0.93	276	0.82	306	0.65	336	0.53		
7	2.94	37	2.19	67	1.89	97	1.71	127	1.57	157	1.39	187	1.19	217	1.05	247	0.92	277	0.82	307	0.64	337	0.53		
8	2.91	38	2.19	68	1.89	98	1.71	128	1.56	158	1.37	188	1.18	218	1.05	248	0.92	278	0.82	308	0.64	338	0.53		
9	2.74	39	2.19	69	1.88	99	1.69	129	1.56	159	1.36	189	1.18	219	1.04	249	0.91	279	0.81	309	0.64	339	0.53		
10	2.64	40	2.17	70	1.88	100	1.69	130	1.55	160	1.36	190	1.18	220	1.04	250	0.91	280	0.80	310	0.64	340	0.52		
11	2.44	41	2.13	71	1.86	101	1.68	131	1.55	161	1.35	191	1.18	221	1.02	251	0.90	281	0.79	311	0.63	341	0.49		
12	2.44	42	2.13	72	1.86	102	1.68	132	1.55	162	1.34	192	1.17	222	1.02	252	0.90	282	0.79	312	0.63	342	0.49		
13	2.44	43	2.13	73	1.86	103	1.68	133	1.54	163	1.33	193	1.17	223	1.01	253	0.90	283	0.79	313	0.63	343	0.49		
14	2.57	44	2.13	74	1.83	104	1.68	134	1.54	164	1.33	194	1.17	224	1.01	254	0.90	284	0.79	314	0.63	344	0.48		
15	2.53	45	2.13	75	1.83	105	1.68	135	1.54	165	1.32	195	1.17	225	1.01	255	0.90	285	0.79	315	0.63	345	0.47		
16	2.49	46	2.19	76	1.81	106	1.68	136	1.52	166	1.30	196	1.16	226	1.00	256	0.90	286	0.78	316	0.62	346	0.47		
17	2.45	47	2.04	77	1.81	107	1.68	137	1.51	167	1.27	197	1.15	227	1.00	257	0.90	287	0.78	317	0.61	347	0.45		
18	2.45	48	2.04	78	1.81	108	1.68	138	1.51	168	1.27	198	1.15	228	1.00	258	0.90	288	0.75	318	0.61	348	0.44		
19	2.43	49	2.08	79	1.81	109	1.68	139	1.51	169	1.26	199	1.14	229	1.00	259	0.89	289	0.75	319	0.61	349	0.44		
20	2.37	53	2.06	80	1.81	110	1.68	140	1.49	170	1.26	200	1.14	230	0.99	260	0.88	290	0.74	320	0.61	350	0.42		
21	2.35	51	2.04	81	1.79	111	1.63	141	1.48	171	1.25	201	1.13	231	0.99	261	0.88	291	0.74	321	0.61	351	0.38		
22	2.32	53	2.06	82	1.79	112	1.63	142	1.48	172	1.25	202	1.13	232	0.98	262	0.88	292	0.74	322	0.60	352	0.38		
23	2.32	53	2.04	83	1.79	113	1.63	143	1.47	173	1.25	203	1.13	233	0.98	263	0.88	293	0.74	323	0.60	353	0.38		
24	2.32	54	2.03	84	1.79	114	1.61	144	1.47	174	1.25	204	1.13	234	0.98	264	0.87	294	0.74	324	0.58	354	0.38		
25	2.32	55	2.03	85	1.79																				

YEAR 1970

TABLE		DAILY FLOW DURATION										STATION										RPT CHARACTER										CATCHMENT AREA										31 K4002										UNIT : M ³ /SEC									
1	4.45	31	1.89	41	1.64	91	1.29	121	1.17	151	1.02	181	0.91	211	0.84	241	0.79	271	0.76	301	0.75	331	0.74	361	0.73	391	0.72	421	0.71	451	0.70	481	0.69	511	0.68	541	0.67	571	0.66	601	0.65	631	0.64	661	0.63	691	0.62	721	0.61	751	0.60	781	0.59	811	0.58	841	0.57	871	0.56	901	0.55
2	3.41	32	1.85	42	1.65	92	1.29	122	1.14	152	1.02	182	0.91	212	0.83	242	0.78	272	0.75	302	0.74	332	0.73	362	0.72	392	0.71	422	0.70	452	0.69	482	0.68	512	0.67	542	0.66	572	0.65	602	0.64	632	0.63	662	0.62	692	0.61	722	0.60	752	0.59	782	0.58	812	0.57	842	0.56	872	0.55	902	0.54
3	3.17	33	1.84	43	1.65	93	1.29	123	1.14	153	1.01	183	0.91	213	0.83	243	0.78	273	0.75	303	0.74	333	0.73	363	0.72	393	0.71	423	0.70	453	0.69	483	0.68	513	0.67	543	0.66	573	0.65	603	0.64	633	0.63	663	0.62	693	0.61	723	0.60	753	0.59	783	0.58	813	0.57	843	0.56	873	0.55	903	0.54
4	3.15	34	1.84	44	1.63	94	1.29	124	1.14	154	1.01	184	0.90	214	0.83	244	0.78	274	0.75	304	0.74	334	0.73	364	0.72	394	0.71	424	0.70	454	0.69	484	0.68	514	0.67	544	0.66	574	0.65	604	0.64	634	0.63	664	0.62	694	0.61	724	0.60	754	0.59	784	0.58	814	0.57	844	0.56	874	0.55	904	0.54
5	2.89	35	1.83	45	1.61	95	1.29	125	1.14	155	1.01	185	0.90	215	0.83	245	0.78	275	0.75	305	0.74	335	0.73	365	0.72	395	0.71	425	0.70	455	0.69	485	0.68	515	0.67	545	0.66	575	0.65	605	0.64	635	0.63	665	0.62	695	0.61	725	0.60	755	0.59	785	0.58	815	0.57	845	0.56	875	0.55	905	0.54
6	2.81	36	1.81	46	1.60	96	1.29	126	1.14	156	1.01	186	0.90	216	0.83	246	0.78	276	0.75	306	0.74	336	0.73	366	0.72	396	0.71	426	0.70	456	0.69	486	0.68	516	0.67	546	0.66	576	0.65	606	0.64	636	0.63	666	0.62	696	0.61	726	0.60	756	0.59	786	0.58	816	0.57	846	0.56	876	0.55	906	0.54
7	2.51	37	1.79	47	1.60	97	1.29	127	1.13	157	1.00	187	0.89	217	0.82	247	0.77	277	0.74	307	0.73	337	0.72	367	0.71	397	0.70	427	0.69	457	0.68	487	0.67	517	0.66	547	0.65	577	0.64	607	0.63	637	0.62	667	0.61	697	0.60	727	0.59	757	0.58	787	0.57	817	0.56	847	0.55	877	0.54	907	0.53
8	2.41	38	1.77	48	1.60	98	1.29	128	1.13	158	1.01	188	0.89	218	0.82	248	0.77	278	0.74	308	0.73	338	0.72	368	0.71	398	0.70	428	0.69	458	0.68	488	0.67	518	0.66	548	0.65	578	0.64	608	0.63	638	0.62	668	0.61	698	0.60	728	0.59	758	0.58	788	0.57	818	0.56	848	0.55	878	0.54	908	0.53
9	2.34	39	1.75	49	1.60	99	1.29	129	1.11	159	1.01	189	0.88	219	0.82	249	0.76	279	0.73	309	0.72	339	0.71	369	0.70	399	0.69	429	0.68	459	0.67	489	0.66	519	0.65	549	0.64	579	0.63	609	0.62	639	0.61	669	0.60	699	0.59	729	0.58	759	0.57	789	0.56	819	0.55	849	0.54	879	0.53	909	0.52
10	2.34	40	1.77	50	1.59	100	1.25	130	1.11	160	1.00	190	0.88	220	0.82	250	0.76	280	0.73	310	0.72	340	0.71	370	0.70	400	0.69	430	0.68	460	0.67	490	0.66	520	0.65	550	0.64	580	0.63	610	0.62	640	0.61	670	0.60	700	0.59	730	0.58	760	0.57	790	0.56	820	0.55	850	0.54	880	0.53	910	0.52
11	2.34	41	1.59	51	1.58	101	1.25	131	1.11	161	1.00	191	0.82	221	0.82	251	0.76	281	0.73	311	0.72	341	0.71	371	0.70	401	0.69	431	0.68	461	0.67	491	0.66	521	0.65	551	0.64	581	0.63	611	0.62	641	0.61	671	0.60	701	0.59	731	0.58	761	0.57	791	0.56	821	0.55	851	0.54	881	0.53	911	0.52
12	2.37	42	1.55	52	1.58	102	1.26	132	1.09	162	1.00	192	0.82	222	0.82	252	0.76	282	0.73	312	0.72	342	0.71	372	0.70	402	0.69	432	0.68	462	0.67	492	0.66	522	0.65	552	0.64	582	0.63	612	0.62	642	0.61	672	0.60	702	0.59	732	0.58	762	0.57	792	0.56	822	0.55	852	0.54	882	0.53	912	0.52
13	2.28	43	1.44	53	1.58	103	1.26	133	1.09	163	1.00	193	0.82	223	0.82	253	0.76	283	0.73	313	0.72	343	0.71	373	0.70	403	0.69	433	0.68	463	0.67	493	0.66	523	0.65	553	0.64	583	0.63	613	0.62	643	0.61	673	0.60	703	0.59	733	0.58	763	0.57	793	0.56	823	0.55	853	0.54	883	0.53	913	0.52
14	2.27	44	1.42	54	1.58	104	1.27	134	1.09	164	1.00	194	0.82	224	0.82	254	0.76	284	0.73	314	0.72	344	0.71	374	0.70	404	0.69	434	0.68	464	0.67	494	0.66	524	0.65	554	0.64	584	0.63	614	0.62	644	0.61	674	0.60	704	0.59	734	0.58	764	0.57	794	0.56	824	0.55	854	0.54	884	0.53	914	0.52
15	2.26	45	1.41	55	1.58	105	1.27	135	1.09	165	0.99	195	0.82	225	0.82	255	0.76	285	0.73	315	0.72	345	0.71	375	0.70	405	0.69	435	0.68	465	0.67	495	0.66	525	0.65	555	0.64	585	0.63	615	0.62	645	0.61	675	0.60	705	0.59	735	0.58	765	0.57	795	0.56	825	0.55	855	0.54	885	0.53	915	0.52
16	2.24	46	1.41	56	1.58	106	1.27	136	1.09	166	0.99	196	0.81	226	0.82	256	0.76	286	0.73	316	0.72	346	0.71	376	0.70	406	0.69	436	0.68	466	0.67	496	0.66	526	0.65	556	0.64	586	0.63	616	0.62	646	0.61	676	0.60	706	0.59	736	0.58	766	0.57	796	0.56	826	0.55	856	0.54	886	0.53	916	0.52
17	2.22	47	1.41	57	1.58	107	1.27	137	1.09	167	0.99	197	0.81	227	0.82	257	0.76	287	0.73	317	0.72	347	0.71	377	0.70	407	0.69	437	0.68	467	0.67	497	0.66	527	0.65	557	0.64	587	0.63	617	0.62	647	0.61	677	0.60	707	0.59	737	0.58	767	0.57	797	0.56	827	0.55	857	0.54	887	0.53	917	0.52
18	2.22	48	1.40	58	1.57	108	1.27	138	1.08	168	0.99	198	0.81	228	0.82	258	0.76	288	0.73	318	0.72	348	0.71	378	0.70	408	0.69	438	0.68	468	0.67	498	0.66	528	0.65	558	0.64	588	0.63	618	0.62	648	0.61	678	0.60	708	0.59	738	0.58	768	0.57	798	0.56	828	0.55	858	0.54	888	0.53	918	0.52
19	2.17	49	1.40	59	1.57	109	1.27	139	1.07	169	0.97	199	0.81	229	0.82	259	0.76	289	0.73	319	0.72	349	0.71	379	0.70	409	0.69	439	0.68	469	0.67	499	0.66	529	0.65	559	0.64	589	0.63	619	0.62	649	0.61	679	0.60	709	0.59	739	0.58	769	0.57	799	0.56	829	0.55	859	0.54	889	0.53	919	0.52
20	2.15	50	1.40	60	1.57	110	1.27	140	1.07	170	0.97	200	0.81	230	0.82	260	0.76	290	0.73	320	0.72	350	0.71	380	0.70	410	0.69	440	0.68	470	0.67	500	0.66	530	0.65	560	0.64	590	0.63	620	0.62	650	0.61	680	0.60	710	0.59	740	0.58	770	0.57	800	0.56	830	0.55	860	0.54	890	0.53	920	0.52
21	2.15	51	1.40	61	1.56	111	1.27	141	1.07	171	0.96	201	0.81	231	0.82	261	0.76	291	0.73	321	0.72	351	0.71	381	0.70	411	0.69	441	0.68	471	0.67	501	0.66	531	0.65	561	0.64	591	0.63	621	0.62	651	0.61	681	0.60	711	0.59	741	0.58	771	0.57	801	0.56	831	0.55	861	0.54	891	0.53	921	0.52
22	2.13	52	1.40	62	1.56	112	1.27	142	1.07	172	0.96	202	0.81	232	0.82	262	0.76	292	0.73	322	0.72	352	0.71	382	0.70	412	0.69	442	0.68	472	0.67	502	0.66	532	0.65	562	0.64	592	0.63	622	0.62	652	0.61	682	0.60	712	0.59	742	0.58	772	0.57	802	0.56	832	0.55	862	0.54	892	0.53	922	0.52
23	2.13	53	1.40	63	1.56	113	1.27	143	1.05	173	0.95	203	0.81	233	0.82	263	0.76	293	0.73	323	0.72	353	0.71	383	0.70	413	0.69	443	0.68	473	0.67	503	0.66	533	0.65	563	0.64	593	0.63	623	0.62	653	0.61	683	0.60	713	0.59	743	0.58	773	0.57	803	0.56	833	0.55	863	0.54	893	0		

YEAR 1972

TABLE			DAILY FLOW DURATION			STATION			PTF CHARACTER			CATCHMENT AREA			38 (km ²)			UNIT : mm ³ /SEC							
1	4.74	31	0.95	41	0.79	91	0.72	171	0.45	151	0.59	191	0.53	211	0.50	241	0.38	271	0.33	301	0.25	331	0.19	361	0.17
2	3.28	32	0.93	42	0.79	92	0.72	172	0.45	152	0.59	192	0.53	212	0.50	242	0.38	272	0.33	302	0.25	332	0.19	362	0.17
3	2.91	33	0.93	43	0.77	93	0.72	173	0.45	153	0.59	193	0.53	213	0.50	243	0.38	273	0.33	303	0.24	333	0.19	363	0.17
4	2.77	34	0.93	44	0.77	94	0.72	174	0.45	154	0.59	194	0.53	214	0.49	244	0.38	274	0.33	304	0.24	334	0.19	364	0.15
5	1.90	35	0.91	45	0.77	95	0.72	175	0.45	155	0.59	195	0.53	215	0.49	245	0.38	275	0.33	305	0.24	335	0.19	365	0.15
6	1.54	36	0.91	46	0.77	96	0.72	176	0.45	156	0.59	196	0.53	216	0.49	246	0.38	276	0.33	306	0.24	336	0.19	366	0.15
7	1.53	37	0.93	47	0.75	97	0.72	177	0.45	157	0.59	197	0.53	217	0.49	247	0.38	277	0.33	307	0.23	337	0.19		
8	1.52	38	0.90	48	0.76	98	0.71	178	0.43	158	0.59	198	0.53	218	0.49	248	0.38	278	0.33	308	0.23	338	0.19		
9	1.39	39	0.90	49	0.76	99	0.71	179	0.43	159	0.57	199	0.53	219	0.49	249	0.38	279	0.31	309	0.23	339	0.19		
10	1.34	40	0.88	50	0.75	100	0.71	180	0.43	160	0.57	200	0.53	220	0.49	250	0.38	280	0.31	310	0.23	340	0.19		
11	1.33	41	0.85	51	0.75	101	0.70	181	0.43	161	0.57	201	0.53	221	0.47	251	0.38	281	0.30	311	0.23	341	0.19		
12	1.18	42	0.85	52	0.75	102	0.71	182	0.43	162	0.57	202	0.53	222	0.47	252	0.38	282	0.30	312	0.23	342	0.19		
13	1.14	43	0.84	53	0.75	103	0.70	183	0.42	163	0.57	203	0.53	223	0.47	253	0.38	283	0.29	313	0.23	343	0.19		
14	1.15	44	0.85	54	0.75	104	0.71	184	0.42	164	0.57	204	0.53	224	0.46	254	0.38	284	0.29	314	0.23	344	0.19		
15	1.13	45	0.84	55	0.75	105	0.70	185	0.42	165	0.56	205	0.53	225	0.46	255	0.38	285	0.29	315	0.23	345	0.18		
16	1.13	46	0.84	56	0.75	106	0.69	186	0.42	166	0.56	206	0.53	226	0.46	256	0.38	286	0.27	316	0.22	346	0.17		
17	1.09	47	0.82	57	0.74	107	0.69	187	0.42	167	0.56	207	0.53	227	0.46	257	0.38	287	0.27	317	0.22	347	0.17		
18	1.07	48	0.82	58	0.74	108	0.69	188	0.42	168	0.56	208	0.53	228	0.46	258	0.38	288	0.26	318	0.21	348	0.17		
19	1.07	49	0.82	59	0.74	109	0.68	189	0.42	169	0.56	209	0.53	229	0.46	259	0.38	289	0.26	319	0.21	349	0.17		
20	1.04	50	0.82	60	0.74	110	0.69	190	0.42	170	0.56	210	0.53	230	0.46	260	0.38	290	0.26	320	0.21	350	0.17		
21	1.03	51	0.82	61	0.74	111	0.68	191	0.42	171	0.56	211	0.53	231	0.41	261	0.38	291	0.26	321	0.21	351	0.17		
22	1.02	52	0.81	62	0.74	112	0.68	192	0.42	172	0.56	212	0.51	232	0.41	262	0.38	292	0.26	322	0.21	352	0.17		
23	1.02	53	0.81	63	0.74	113	0.68	193	0.42	173	0.56	213	0.50	233	0.41	263	0.38	293	0.26	323	0.21	353	0.17		
24	1.02	54	0.81	64	0.74	114	0.67	194	0.42	174	0.56	214	0.50	234	0.41	264	0.38	294	0.25	324	0.20	354	0.17		
25	1.01	55	0.81	65	0.74	115	0.67	195	0.42	175	0.56	215	0.50	235	0.41	265	0.38	295	0.25	325	0.20	355	0.17		
26	1.00	56	0.81	66	0.74	116	0.67	196	0.42	176	0.56	216	0.50	236	0.39	266	0.38	296	0.25	326	0.20	356	0.17		
27	0.97	57	0.81	67	0.73	117	0.67	197	0.42	177	0.56	217	0.50	237	0.38	267	0.38	297	0.25	327	0.19	357	0.17		
28	0.95	58	0.79	68	0.72	118	0.67	198	0.42	178	0.56	218	0.50	238	0.38	268	0.38	298	0.25	328	0.19	358	0.17		
29	0.95	59	0.79	69	0.72	119	0.67	199	0.42	179	0.56	219	0.50	239	0.38	269	0.38	299	0.25	329	0.19	359	0.17		
30	0.95	60	0.79	70	0.72	120	0.65	200	0.42	180	0.56	220	0.50	240	0.38	270	0.38	300	0.25	330	0.19	360	0.17		

FLOW DURATION MIX 35-DAYS 95-DAYS 185-DAYS 275-DAYS 355-DAYS MIN MEAN
 RUN-OFF 4.74 0.91 0.72 0.53 0.33 0.17 0.15 0.58

YEAR 1973

TABLE			DAILY FLOW DURATION			STATION			PTF CHARACTER			CATCHMENT AREA			38 (km ²)			UNIT : mm ³ /SEC							
1	4.37	31	1.41	41	1.38	91	1.35	131	1.38	151	1.39	191	1.34	211	0.46	241	1.38	271	1.33	311	1.29	331	0.27	351	1.21
2	4.21	32	1.47	42	1.37	92	1.08	172	1.48	152	0.79	192	0.56	212	0.44	242	0.38	272	0.33	302	0.29	332	0.26	362	1.20
3	4.00	33	1.49	43	1.36	93	1.06	173	1.38	153	0.79	193	0.56	213	0.44	243	0.38	273	0.33	303	0.29	333	0.26	363	1.20
4	3.04	34	1.59	44	1.34	94	1.04	174	0.48	154	0.77	194	0.53	214	0.44	244	0.38	274	0.33	304	0.29	334	0.26	364	1.19
5	2.93	35	1.54	45	1.34	95	1.03	175	0.37	155	0.77	195	0.53	215	0.44	245	0.38	275	0.33	305	0.29	335	0.26	365	1.19
6	2.84	36	1.57	46	1.34	96	1.03	176	0.48	156	0.77	196	0.53	216	0.43	246	0.38	276	0.32	306	0.29	336	0.26		
7	2.47	37	1.55	47	1.34	97	1.02	177	0.36	157	0.77	197	0.53	217	0.43	247	0.38	277	0.32	307	0.29	337	0.25		
8	2.39	38	1.54	48	1.34	98	1.01	178	0.46	158	0.75	198	0.53	218	0.43	248	0.38	278	0.32	308	0.29	338	0.25		
9	2.20	39	1.53	49	1.34	99	1.01	179	0.36	159	0.75	199	0.51	219	0.41	249	0.38	279	0.32	309	0.29	339	0.25		
10	2.19	40	1.53	50	1.34	100	1.00	180	0.46	160	0.76	200	0.51	220	0.41	250	0.38	280	0.32	310	0.29	340	0.25		
11	2.18	41	1.53	51	1.31	101	1.00	181	0.36	161	0.76	201	0.51	221	0.41	251	0.38	281	0.32	311	0.29	341	0.25		
12	2.15	42	1.53	52	1.31	102	1.00	182	0.46	162	0.74	202	0.51	222	0.41	252	0.38	282	0.32	312	0.28	342	0.25		
13	1.97	43	1.51	53	1.31	103	0.99	183	0.36	163	0.72	203	0.51	223	0.41	253	0.38	283	0.32	313	0.28	343	0.25		
14	1.94	44	1.51	54	1.31	104	0.99	184	0.46	164	0.72	204	0.51	224	0.41	254	0.38	284	0.31	314	0.28	344	0.25		
15	1.93	45	1.50	55	1.30	105	0.99	185	0.36	165	0.72	205	0.50	225	0.41	255	0.38	285	0.31	315	0.28	345	0.25		
16	1.90	46	1.49	56	1.29	106	0.95	186	0.46	166	0.71	206	0.50	226	0.41	256	0.38	286	0.31	316	0.27	346	0.24		
17	1.84	47	1.44	57	1.29	107	0.95	187	0.36	167	0.71	207	0.51	227	0.41	257	0.38	287	0.31	317	0.27	347	0.24		
18	1.86	48	1.45	58	1.27	108	0.95	188	0.46	168	0.68	208	0.50	228	0.40	258	0.38	288	0.31	318	0.27	348	0.24		
19	1.83	49	1.45	59	1.29	109	0.95	189	0.36	169	0.68	209	0.50	229	0.39	259	0.38	289	0.31	319	0.27	349	0.24		
20	1.81	50	1.45	60	1.20	110	0.93	190	0.46	170	0.63	210	0.49	230	0.39	260	0.38	290	0.31	320	0.27	350	0.24		
21	1.78	51	1.44	61	1.14	111	0.93	191	0.42	171	0.63	211	0.49	231	0.39	261	0.38	291	0.31	321	0.27	351	0.23		
22	1.78	52	1.44	62	1.14	112	0.93	192	0.41	172	0.62	212	0.49	232	0.39	262	0.38	292	0.31	322	0.27	352	0.23		
23	1.72	53	1.44	63	1.14	113	0.93	193	0.41	173	0.62	213	0.49	233	0.39	263	0.38	293	0.31	323	0.27	353	0.23		
24	1.72	54	1.43	64	1.13	114	0.92	194	0.41	174	0.62	214	0.49	234	0.38	264	0.38	294	0.31	324	0.27	354	0.23		
25	1.72	55	1.43	65	1.13	115	0.91	195	0.31	175	0.57	215	0.47												

YEAR 1976

TABLE DAILY FLOW DURATION STATIST DEF CHARACTER ATTACHMENT AREA 34 C1002 UNIT 1 4003/500

1	4.00	31	1.97	41	1.55	91	1.30	121	1.06	151	0.93	181	0.77	211	0.69	241	0.56	271	0.46	301	0.35	331	0.20	361	0.13
2	4.74	32	1.35	42	1.54	92	1.33	122	1.16	152	1.01	182	0.77	212	0.69	242	0.54	272	0.44	302	0.35	332	0.20	362	0.13
3	5.53	33	1.35	43	1.54	93	1.30	123	1.04	153	0.91	183	0.74	213	0.67	243	0.54	273	0.44	303	0.34	333	0.20	363	0.12
4	6.21	34	1.45	44	1.52	94	1.27	124	1.13	154	1.01	184	0.74	214	0.67	244	0.53	274	0.44	304	0.34	334	0.20	364	0.12
5	6.10	35	1.42	45	1.42	95	1.24	125	1.03	155	0.90	185	0.74	215	0.67	245	0.52	275	0.44	305	0.34	335	0.20	365	0.11
6	6.14	36	1.42	46	1.52	96	1.25	126	1.13	156	0.91	186	0.74	216	0.67	246	0.52	276	0.44	306	0.34	336	0.20	366	0.11
7	6.07	37	1.32	47	1.41	97	1.24	127	1.01	157	0.90	187	0.75	217	0.64	247	0.51	277	0.44	307	0.34	337	0.20		
8	6.80	38	1.48	48	1.49	98	1.22	128	1.01	158	0.90	188	0.75	218	0.64	248	0.51	278	0.44	308	0.34	338	0.19		
9	6.65	39	1.47	49	1.48	99	1.21	129	1.01	159	0.90	189	0.75	219	0.64	249	0.51	279	0.44	309	0.34	339	0.19		
10	6.61	41	1.45	70	1.48	130	1.19	131	1.11	161	0.93	191	0.75	220	0.64	250	0.51	280	0.44	310	0.32	340	0.19		
11	6.52	41	1.45	71	1.48	131	1.19	132	1.01	162	0.93	192	0.75	221	0.64	251	0.51	281	0.44	311	0.30	341	0.19		
12	6.44	42	1.42	72	1.44	132	1.19	133	1.01	163	0.93	193	0.75	222	0.64	252	0.51	282	0.44	312	0.30	342	0.19		
13	6.43	43	1.79	73	1.44	133	1.17	134	0.98	164	0.98	194	0.75	223	0.64	253	0.51	283	0.44	313	0.30	343	0.19		
14	6.33	44	1.79	74	1.45	134	1.14	135	0.98	165	0.98	195	0.75	224	0.64	254	0.51	284	0.44	314	0.27	344	0.18		
15	6.27	45	1.74	75	1.45	135	1.14	136	0.98	166	0.98	196	0.75	225	0.64	255	0.51	285	0.44	315	0.27	345	0.18		
16	6.24	45	1.73	76	1.45	136	1.13	137	0.98	167	0.98	197	0.75	226	0.64	256	0.51	286	0.44	316	0.27	346	0.17		
17	6.24	47	1.49	77	1.45	137	1.11	138	0.98	168	0.98	198	0.75	227	0.64	257	0.51	287	0.44	317	0.25	347	0.17		
18	6.24	48	1.48	78	1.45	138	1.11	139	0.98	169	0.98	199	0.75	228	0.64	258	0.51	288	0.44	318	0.25	348	0.17		
19	6.20	49	1.57	79	1.47	139	1.09	140	0.96	170	0.96	200	0.72	229	0.64	259	0.51	289	0.44	319	0.24	349	0.16		
20	6.19	50	1.54	80	1.46	140	1.09	141	0.94	171	0.96	201	0.72	230	0.64	260	0.51	290	0.44	320	0.23	350	0.15		
21	6.19	51	1.44	81	1.46	141	1.09	142	0.94	172	0.96	202	0.72	231	0.64	261	0.51	291	0.44	321	0.23	351	0.16		
22	6.14	52	1.44	82	1.46	142	1.09	143	0.94	173	0.96	203	0.72	232	0.64	262	0.51	292	0.44	322	0.23	352	0.16		
23	6.17	53	1.44	83	1.39	143	1.09	144	0.94	174	0.96	204	0.72	233	0.64	263	0.51	293	0.44	323	0.23	353	0.15		
24	6.11	54	1.40	84	1.39	144	1.09	145	0.94	175	0.96	205	0.72	234	0.64	264	0.51	294	0.44	324	0.22	354	0.15		
25	6.10	55	1.40	85	1.39	145	1.07	146	0.94	176	0.96	206	0.72	235	0.64	265	0.51	295	0.44	325	0.22	355	0.14		
26	6.04	56	1.40	86	1.37	146	1.04	147	0.93	177	0.96	207	0.70	236	0.64	266	0.51	296	0.44	326	0.21	356	0.14		
27	6.04	57	1.40	87	1.37	147	1.04	148	0.93	178	0.96	208	0.70	237	0.64	267	0.51	297	0.44	327	0.20	357	0.14		
28	6.08	58	1.47	88	1.35	148	1.04	149	0.93	179	0.96	209	0.70	238	0.64	268	0.51	298	0.44	328	0.20	358	0.14		
29	6.08	59	1.47	89	1.33	149	1.04	150	0.93	180	0.96	210	0.70	239	0.64	269	0.51	299	0.44	329	0.20	359	0.14		
30	6.08	61	1.47	90	1.33	150	1.04	151	0.93	181	0.96	211	0.70	240	0.64	270	0.51	300	0.44	330	0.20	360	0.13		

FLOW DURATION MIN 35-DAYS 65-DAYS 135-DAYS 225-DAYS 355-DAYS MIN MEAN
 RUN-OFF 4.90 1.92 1.74 0.76 0.44 0.14 0.10 0.94

V-5 MONTHLY AVERAGE PRECIPITATION

	<u>Gauging Station</u>	<u>Elevation (m)</u>	<u>Recording Period</u>
(1)	Popayan (Universidad)	1,790	Jan. 1930 - Sep. 1961 Dec. 1965 - Sep. 1968
(2)	Popayan (Electraguas)	1,790	Jan. 1955 - Nov. 1971
(3)	Popayan (Machangara)	1,730	Jan. 1970 - Nov. 1977
(4)	Florida	1,730	Jan. 1961 - Dec. 1975
(5)	Coconuco	2,300	Jan. 1961 - May 1978
(6)	Purace	3,200	Jan. 1961 - Dec. 1965 Jan. 1967 - Dec. 1977
(7)	Piendamo	1,850	Dec. 1946 - Jun. 1978
(8)	Silvia	2,400	Dec. 1946 - Jun. 1978
(9)	El Tambo	1,700	Dec. 1946 - Jun. 1978

(1) Gauging Station Elevation (m)
Popayan (Universidad) 1,790

Year	(Unit: mm)												Total
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	
1930	198.9	(123.1)	104.1	164.0	42.3	95.9	25.7	26.3	37.4	309.6	307.5	250.1	1,684.9
1931	149.9	284.3	96.5	141.8	156.7	49.1	103.8	8.8	117.8	193.7	522.0	195.3	2,019.7
1932	249.3	157.8	92.1	73.1	108.1	48.0	15.0	33.9	92.7	216.8	251.3	223.2	1,561.4
1933	231.2	83.6	97.3	190.6	121.2	158.6	99.9	99.7	122.5	196.6	621.0	391.2	2,413.4
1934	110.2	283.3	101.3	52.6	131.7	97.4	24.6	58.2	160.4	381.4	423.0	184.3	2,008.4
1935	180.6	220.9	119.4	214.2	150.5	177.0	-	-	-	-	-	-	-
1944	-	-	-	-	-	154.6	40.3	19.0	73.9	164.5	127.3	242.1	-
1945	103.5	127.9	61.2	184.5	165.2	25.8	8.7	23.3	83.4	228.3	393.3	207.6	1,611.7
1946	189.7	182.9	102.2	120.4	132.6	16.8	11.9	0.9	52.7	273.2	290.0	228.6	1,601.9
1947	168.6	94.7	162.4	60.2	154.5	77.8	121.5	86.1	171.4	300.5	237.5	105.7	1,739.9
1948	143.3	278.5	176.1	216.7	94.5	19.3	50.1	20.6	75.3	381.6	209.6	203.9	1,869.5
1949	235.0	119.9	138.9	233.4	125.1	73.5	55.4	52.0	105.6	426.1	338.3	231.3	2,024.5
1950	270.3	286.8	336.6	239.3	238.9	127.4	36.1	41.8	79.1	201.4	424.2	211.6	2,493.5
1951	195.6	60.9	165.4	102.8	140.4	20.7	49.8	24.3	58.1	172.9	267.8	225.8	1,484.5
1952	259.4	101.9	199.0	98.4	138.0	28.8	40.5	10.6	55.8	158.2	280.0	234.4	1,605.0
1953	110.5	70.9	217.9	95.5	92.0	107.4	26.3	5.4	198.8	278.1	355.1	247.2	1,805.1
1954	68.6	131.8	175.3	249.9	77.7	110.7	55.5	23.6	16.7	316.1	272.6	236.2	1,734.7
1955	204.5	157.0	268.0	197.5	152.2	104.6	87.5	45.0	122.8	291.1	375.3	-	-
1956	207.6	204.3	118.0	120.6	152.6	132.0	14.7	40.9	133.8	332.5	217.6	390.0	2,064.6
1957	81.7	196.7	165.6	142.6	369.7	29.6	22.5	1.0	35.8	265.5	283.3	295.0	1,889.0
1958	190.1	80.0	131.6	126.1	112.9	89.3	1.6	61.3	40.9	201.5	211.5	310.1	1,556.9
1959	139.9	83.4	50.3	126.1	125.6	90.3	18.3	25.9	53.8	269.6	268.7	120.4	1,372.3
1960	179.4	189.0	161.1	112.4	63.4	72.2	59.0	58.9	51.3	312.8	208.2	230.2	1,697.9
1961	98.8	32.3	130.6	139.3	46.0	67.7	52.3	33.2	71.1	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	261.5	-
1966	78.2	105.6	107.0	236.5	142.5	90.0	52.5	39.0	120.0	345.0	292.0	394.0	2,002.3
1967	70.0	218.5	192.5	93.5	177.5	81.0	8.5	8.0	68.0	228.0	486.5	278.0	1,910.0
1968	119.0	199.5	168.0	295.0	(75.0)	113.0	41.0	93.0	90.0	-	-	-	-
Average	163	157	148	151	134	84	43	36	88	269	319	246	1,838
*1 Average of 10 years	114	138	135	167	105	86	39	43	76	289	314	257	1,506

*1 From 1959 to 1968

(2) Gauging Station Elevation (m)
 Popayan (Electraguas) 1,790

(Unit: mm)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1955	48	118	52	181	79	46	56	45	109	176	84	190	1,184
1956	298	117	90	149	156	97	20	32	157	98	102	109	1,425
1957	150	279	223	104	153	21	33	19	70	354	168	270	1,844
1958	200	104	33	43	43	2	0	81	59	176	148	240	1,129
1959	67	168	60	173	164	103	22	49	49	386	373	117	1,731
1960	252	244	181	140	72	130	83	58	76	359	302	258	2,155
1961	157	73	158	191	35	70	63	42	89	250	410	101	1,639
1962	146	96	173	118	169	95	32	51	130	263	392	298	1,963
1963	69	194	138	280	167	148	45	24	29	314	396	162	1,966
1964	64	230	64	210	178	114	87	62	27	150	153	257	1,596
1965	84	17	28	201	84	12	4	18	99	189	208	125	1,069
1966	123	42	54	113	213	71	80	87	224	339	336	420	2,102
1967	83	222	193	79	76	86	8	2	70	195	498	212	1,724
1968	143	211	142	329	75	113	41	93	90	464	398	204	2,303
1969	158	166	73	353	82	104	57	37	187	372	354	314	2,257
1970	269	228	101	105	351	97	141	119	190	394	431	194	2,620
1971	463	293	229	139	200	79	88	63	107	325	367	-	-
Average	163	165	117	171	135	82	51	52	104	283	301	204	1,828
*1 Average of 10 years	119	150	119	183	123	94	47	49	88	291	347	215	1,825

*1 From 1959 to 1968

(3) Gauging Station Elevation (m)
 Popayan (Machangara) 1,730

(Unit: mm)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1970	198.0	211.0	103.0	132.0	266.0	34.0	138.0	109.0	117.3	347.5	448.0	256.0	2,359.8
1971	404.0	305.0	209.0	172.1	262.0	55.0	34.0	82.0	(54.0)	345.0	267.0	148.0	(2,337.1)
1972	241.0	154.0	191.0	276.9	117.0	100.0	13.0	117.0	146.0	301.2	277.4	164.2	2,098.7
1973	80.0	172.0	71.0	154.3	191.6	141.9	231.7	177.9	165.4	263.6	329.0	291.1	2,269.5
1974	254.5	242.1	338.2	69.2	141.9	78.7	28.5	55.2	100.7	196.0	373.5	254.3	2,132.8
1975	112.0	266.2	196.4	216.5	237.3	97.4	135.8	76.9	134.3	201.7	434.2	512.9	2,621.6
1976	137.2	221.9	315.7	233.4	112.8	-	0.5	21.0	-	-	-	-	1,042.5
1977	-	-	-	208.8	-	-	-	-	-	-	328.9	-	537.7
Average	203.8	224.6	203.5	182.9	189.8	84.5	83.1	91.3	119.6	275.8	351.1	271.1	1,925.0

(4) -1 Gauging Station
Florida

Elevation (m)
1,730

(Unit: mm)

Year	Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1961		149.1	120.3	145.1	164.3	70.7	75.7	65.2	5.5	34.1	189.4	180.6	226.7	1,426.7
1962		213.8	141.0	169.5	164.3	132.9	118.7	24.3	61.3	96.2	179.7	243.0	272.5	1,817.2
1963		160.5	283.5	124.8	339.7	78.5	100.5	32.1	16.2	63.3	167.2	326.0	183.4	1,875.5
1964		72.2	88.3	51.1	199.1	126.5	176.7	68.2	43.4	53.9	149.6	241.4	286.3	1,556.7
1965		157.1	33.7	72.7	147.2	70.9	1.2	6.7	25.7	154.7	289.1	310.8	214.6	1,484.4
1966		10.2	94.4	112.7	130.0	219.7	155.8	27.1	70.3	(25.8)	343.0	403.2	408.4	2,000.6
1967		125.4	175.4	231.2	161.3	94.2	77.0	47.9	5.8	76.9	222.3	466.0	205.6	1,889.0
1968		255.0	152.2	131.7	307.9	111.9	134.2	41.9	38.8	118.3	303.5	262.4	200.2	2,058.0
Average		143	136	130	202	113	105	39	33	78	230	304	250	1,763

(4)-2 Gauging Station Elevation
 Florida 1,730

(Unit: mm)

Year	Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1969		133.1	163.4	85.6	334.2	139.2	128.0	19.2	57.8	140.4	562.2	172.8	162.4	2,098.3
1970		185.0	296.0	179.0	69.4	227.8	X	67.7	96.2	119.7	205.8	460.4	264.8	2,171.8
1971		99.4	264.4	206.4	202.8	288.2	114.6	22.8	121.6	136.8	364.8	353.5	270.8	2,446.1
1972		174.4	119.6	200.8	294.0	167.2	98.4	11.6	106.8	76.2	187.6	322.4		1,759.0
1973		57.8	43.4	117.6	155.0	151.8	142.2	261.0	119.2	157.4	203.7	281.5	338.0	2,028.6
1974		324.8	252.4	337.6	128.6	67.6	87.4	42.2	47.5	111.0	244.5	303.5	276.5	2,223.6
1975		146.0	210.0	159.5	216.0	285.0	62.0	223.0	79.5	83.5	157.0	-	383.0	2,004.5
Average		160.1	192.7	183.8	200.0	189.5	105.4	92.5	89.8	117.9	275.1	315.7	282.6	2,104.6

(5) Gauging Station
Coconuco

Elevation (m)
2,300

(Unit: mm)

Year	Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1961		119.0	55.0	279.0	204.0	(177.0)	81.0	8.0	0	56.0	408.0	839.0	11.0	2,237.0
1962		137.0	65.0	263.0	51.0	285.0	175.0	4.0	106.0	55.0	202.0	436.0	429.0	2,208.0
1963		303.0	204.0	350.0	198.0	197.0	93.0	57.0	42.0	0	222.0	291.0	74.0	2,031.0
1964		31.0	15.0	109.0	220.0	105.0	132.0	103.0	88.0	31.0	148.0	162.0	101.0	1,245.0
1965		67.0	46.0	100.0	162.0	206.0	10.0	(57.0)	(64.0)	(68.0)	152.0	357.0	226.0	1,515.0
1966		52.0	68.0	276.0	168.0	152.0	98.0	93.0	37.0	112.0	217.0	725.0	1,357.0	3,355.0
1967		116.0	186.0	129.0	441.0	147.0	89.0	48.0	67.0	36.0	210.0	926.0	363.0	2,758.0
1968		130.0	358.0	224.0	204.0	355.0	118.0	116.0	64.0	173.0	192.0	437.0	155.0	2,526.0
1969		183.0	80.0	29.0	530.0	215.0	67.0	16.0	123.0	210.0	326.0	292.0	160.0	2,231.0
1970		82.0	274.0	159.0	113.0	188.0	71.0	84.0	23.0	120.0	296.0	508.0	226.0	2,144.0
1971		351.0	322.0	434.0	173.0	241.0	62.0	65.0	77.0	64.0	374.0	313.0	182.0	2,658.0
1972		228.0	339.0	223.0	371.0	190.0	98.0	16.0	60.0	52.0	109.0	334.0	207.0	2,227.0
1973		54.0	108.0	78.0	283.0	183.0	122.0	183.0	154.0	229.0	394.0	383.0	322.0	2,493.0
1974		243.0	346.0	470.0	231.0	140.0	30.0	43.0	42.0	160.0	287.0	378.0	168.0	2,538.0
1975		103.0	(80.0)	153.0	123.0	215.0	84.0	164.0	134.0	70.0	281.0	365.0	470.0	2,242.0
1976		106.0	198.0	260.0	304.0	194.0	42.0	0	4.0	68.0	265.0	156.0	182.0	1,779.0
1977		65.0	56.0	149.0	175.0	86.0	117.0	29.0	117.0	173.0	151.0	318.0	117.0	1,553.0
1978		157.0	25.0	69.0	258.0	127.0	-	-	-	-	-	-	-	636.0
Average		140.4	156.9	208.6	233.8	189.1	87.6	63.9	70.7	98.6	249.1	424.7	279.4	2,132.0

(6) Gauging Station
Purace

Elevation (m)
3,200

(Unit: mm)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1961	130.0	67.0	142.0	250.0	92.0	173.0	249.0	242.0	109.0	287.0	395.0	111.0	2,247.0
1962	225.0	53.0	186.0	192.0	262.0	135.0	170.0	222.0	86.0	291.0	261.0	378.0	2,461.0
1963	228.0	224.0	72.0	291.0	202.0	143.0	111.0	130.0	149.0	185.0	388.0	238.0	2,361.0
1964	10.0	116.0	94.0	256.0	169.0	204.0	133.0	191.0	212.0	231.0	228.0	395.0	2,239.0
1965	231.0	13.0	94.0	293.0	242.0	155.0	210.0	121.0	140.0	370.0	515.0	287.0	2,671.0
1966													
1967	121.0	160.0	384.0	202.0	234.0	205.0	268.0	257.0	201.0	320.0	618.0	122.0	3,092.0
1968	146.0	266.0	175.0	386.0	202.0	189.0	234.0	255.0	200.0	303.0	404.0	137.0	2,897.0
1969	186.0	109.0	66.0	334.0	174.0	188.0	233.0	112.0	230.0	475.0	323.0	229.0	2,659.0
1970	168.0	293.0	165.0	131.0	203.0	42.0	53.0	63.0	106.0	411.0	495.0	181.0	2,311.0
1971	282.0	310.0	234.0	315.0	207.0	44.0	19.0	55.0	68.0	280.0	316.0	254.0	2,384.0
1972	305.0	231.0	260.0	255.0	63.0	77.0	81.0	77.0	41.0	158.0	287.0	165.0	2,000.0
1973	40.0	101.0	91.0	160.0	80.0	28.0	111.0	141.0	138.0	369.0	194.0	275.0	1,728.0
1974	244.0	275.0	417.0	152.0	123.0	32.0	68.0	20.0	119.0	260.0	328.0	(203.0)	(2,241.0)
1975	175.0	385.0	143.0	235.0	159.0	118.0	177.0	111.0	143.0	335.0	414.0	519.0	2,914.0
1976	161.0	221.0	236.0	224.0	60.0	46.0	25.0	14.0	91.0	279.0	147.0	203.0	1,707.0
1977	52.0	51.0	88.0	237.0	83.0	98.0	26.0	35.0	138.0	215.0	244.0	139.0	1,406.0
Average	169.0	179.7	177.9	244.6	159.7	117.3	135.5	127.9	135.7	298.1	347.3	259.8	2,336.1

(7)-1 Gauging Station
 Plendamo (Cauca)
 Elevation (m)
 1,850

Year	(Unit: mm)												
	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1946	-	-	-	-	-	-	-	-	-	-	-	(35)	-
1947	132	59	146	60	120	98	85	37	86	356	218	81	1,478
1948	95	152	199	245	275	32	32	25	98	92	168	213	1,626
1949	217	251	152	148	242	83	80	49	76	136	273	236	1,943
1950	126	299	309	217	196	180	23	50	98	200	247	(124)	2,159
1951	152	122	169	83	37	37	41	31	51	280	322	199	1,524
1952	165	144	225	167	222	42	30	5	50	63	116	122	1,351
1953	62	89	157	145	225	111	38	21	212	325	248	233	1,866
1954	124	265	160	184	117	141	48	44	56	291	211	349	1,990
1955	236	158	284	130	177	107	122	51	72	160	181	309	1,987
1956	390	159	249	182	125	85	53	10	0	250	85	207	1,795
1957	128	119	272	207	145	5	9	5	126	169	103	159	1,447
1958	129	75	126	264	94	66	23	(103)	14	200	307	-	-
1959	179	-	130	61	137	137	2	56	24	317	-	189	-
1960	391	328	292	172	136	68	25	78	42	243	161	274	2,210
1961	150	120	282	240	68	55	72	1	54	156	367	161	1,726
1962	428	255	310	191	203	108	34	38	104	240	303	299	2,513
1963	231	302	179	289	180	98	48	66	92	190	366	154	2,195
1964	75	126	203	299	84	204	100	119	85	217	277	332	2,121
1965	148	28	152	306	157	15	4	49	46	248	434	322	1,909
1966	185	138	291	188	249	118	37	81	38	220	364	478	2,387
1967	184	276	325	147	165	84	52	14	48	231	308	221	2,055
1968	218	231	165	274	105	174	84	55	79	-	-	-	-
Average	193	164	213	191	157	93	47	45	70	218	253	224	1,868
*1 Average of 10 years	219	200	233	217	148	106	46	56	61	229	323	270	2,108

*1 From 1959 to 1968

(7)-2 Gauging Station
Piendamó

Elevation (m)
1,850

(Unit: mm)

Year	Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1968		218.0	231.0	165.0	274.0	105.0	174.0	84.0	55.0	79.0	265.0	276.0	107.0	2,033.0
1969		258.0	236.0	137.0	353.0	165.0	166.0	1.0	47.0	117.0	265.0	345.0	166.0	2,256.0
1970		295.0	415.0	206.0	161.0	188.0	95.0	62.0	88.0	157.0	185.0	608.0	182.0	2,642.0
1971		373.0	295.0	489.0	364.0	113.0	56.0	15.0	76.0	79.0	134.0	193.0	145.0	2,332.0
1972		319.0	194.0	283.0	232.0	201.0	29.0	4.6	101.0	133.0	209.0	499.0	184.0	2,388.0
1973		81.0	78.0	202.0	179.0	171.0	50.0	87.0	121.0	167.0	266.0	327.0	359.0	2,088.0
1974		315.0	354.0	312.0	190.0	114.0	50.0	60.0	57.0	223.0	233.0	385.0	183.0	2,476.0
1975		109.0	421.0	233.0	117.0	199.0	92.0	173.0	138.0	77.0	257.0	472.0	449.0	2,737.0
1976		152.0	226.0	164.0	215.0	65.0	12.0	1.0	27.0	97.0	235.0	70.0	259.0	1,523.0
1977		65.7	67.0	128.0	377.0	191.0	115.0	17.0	74.0	151.0	259.0	164.0	131.0	1,739.7
1978		214.0	47.0	255.0	171.0	109.0	53.0	-	-	-	-	-	-	849.0
Average		218.2	233.1	234.0	239.4	147.4	81.1	50.4	78.4	128.0	230.8	333.9	216.5	2,096.7

(8)-1 Gauging Station
 Silvia (Cauca)

Elevation (m)
 2,400

(Unit: mm)

Year	Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1946		-	-	-	-	-	-	-	-	-	-	-	94	-
1947		158	100	31	19	49	56	21	33	62	330	138	58	1,055
1948		62	56	101	191	58	25	24	0	63	83	76	92	831
1949		332	126	82	87	44	38	5	31	68	194	179	230	1,416
1950		-	190	338	200	156	91	3	0	26	114	153	157	-
1951		189	177	125	138	99	-	42	0	29	180	291	147	-
1952		181	102	125	167	52	12	0	0	25	82	314	169	1,229
1953		56	43	137	110	103	27	0	0	265	280	212	207	1,440
1954		59	119	156	200	46	83	0	16	0	303	211	226	1,419
1955		129	92	247	149	111	103	61	0	66	254	201	309	1,722
1956		200	170	136	78	70	25	0	0	129	299	120	131	1,358
1957		110	67	129	184	256	10	0	0	-	-	-	197	-
1958		118	60	69	157	69	38	0	28	0	183	217	141	1,080
1959		78	74	121	104	125	86	0	0	0	160	217	86	1,051
1960		226	195	205	78	152	0	40	32	18	250	156	236	1,588
1961		173	56	260	215	0	59	18	0	60	269	352	113	1,575
1962		156	109	146	205	266	87	0	0	0	164	62	261	1,456
1963		179	325	153	243	224	143	32	0	0	242	361	137	2,039
1964		43	126	30	297	130	169	-	64	34	117	150	113	-
1965		44	1	5	89	109	9	23	9	39	133	233	76	770
1966		0	38	71	24	87	36	20	13	28	134	277	245	973
1967		3	40	129	133	52	37	27	5	7	94	203	42	772
1968		35	100	41	183	38	-	8	0	8	-	-	-	-
Average		121	108	129	148	104	57	15	11	44	193	206	158	1,294
*1 Average of 10 years		94	106	116	157	117	70	19	12	19	174	223	145	1,252

*1 From 1959 to 1968

(8)--2 Gauging Station
Silvia

Elevation
2,400

(Unit: mm)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1968	35.0	100.0	41.0	183.0	38.0	113.0	8.0	-	8.0	148.0	168.0	97.0	939.0
1969	111.0	27.0	11.0	215.0	29.0	44.0	0	0	68.0	278.0	175.0	86.0	1,044.0
1970	125.0	118.0	53.0	60.0	246.0	24.0	7.0	2.0	53.0	194.0	265.0	48.0	1,195.0
1971	130.0	85.0	207.0	159.0	87.0	6.0	12.0	13.0	30.0	142.0	184.0	161.0	1,216.0
1972	217.0	147.0	208.0	227.0	37.0	54.0	29.0	21.0	13.0	76.0	293.0	137.0	1,459.0
1973	3.0	50.0	40.0	90.0	47.0	38.0	96.0	91.0	99.0	288.0	284.0	272.0	1,398.0
1974	211.0	213.0	236.0	154.0	119.0	22.0	47.0	9.0	85.0	270.0	136.0	169.0	1,671.0
1975	65.0	224.0	85.0	121.0	180.0	41.0	106.0	48.0	64.0	178.0	312.0	337.0	1,761.0
1976	78.0	173.0	128.0	148.0	32.0	26.0	20.0	5.0	84.0	237.0	108.0	101.0	1,140.0
1977	25.0	35.0	57.0	170.0	50.0	65.0	15.0	26.0	135.0	135.0	210.0	97.0	1,020.0
1978	122.0	21.0	193.0	136.0	--	14.0	-	-	-	--	--	-	486.0
Average	102.0	108.5	114.5	151.2	86.5	40.6	37.8	26.9	63.9	194.6	213.5	150.5	1,211.7

(9)-1 Gauging Station Elevation (m)
El Tambo (Cauca) 1,700

(Unit: mm)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1946	-	-	-	-	-	-	-	-	-	-	-	271.0	-
1947	103.0	220.0	50.0	21.0	72.0	-	-	53.0	116.0	440.0	198.0	129.0	-
1948	74.0	136.0	186.0	209.0	161.0	31.0	53.0	16.0	102.0	351.0	179.0	-	-
1949	167.0	110.0	124.0	180.0	186.0	76.0	30.0	59.0	146.0	260.0	256.0	95.0	1,689
1950	129.0	317.0	229.0	262.0	(140.0)	117.0	19.0	(63.0)	-	-	-	-	-
1951	-	-	-	-	-	-	23.0	29.0	57.0	350.0	250.0	257.0	-
1952	257.0	67.0	76.0	190.0	124.0	9.0	21.0	2.0	2.0	220.0	182.0	116.0	1,266
1953	142.0	44.0	94.0	155.0	164.0	144.0	25.0	43.0	269.0	345.0	413.0	278.0	2,116
1954	100.0	97.0	200.0	235.0	100.0	97.0	62.0	42.0	56.0	290.0	222.0	239.0	1,740
1955	203.0	135.0	263.0	142.0	164.0	133.0	122.0	31.0	117.0	265.0	345.5	324.5	2,245
1956	426.5	242.0	74.5	337.0	154.0	57.0	0	4.0	8.0	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	171.0	-
1958	133.0	-	-	235.0	158.0	-	-	-	89.5	-	-	-	-
1966	-	-	(73.0)	109.0	148.0	227.0	71.0	98.0	163.0	265.0	383.0	216.0	-
1967	75.0	16.0	89.0	322.0	326.0	241.0	43.0	191.0	166.0	342.0	460.0	256.0	2,427
1968	155.0	135.0	97.0	313.0	109.0	55.0	52.0	81.0	113.0	-	-	-	-
Average	164	138	130	208	154	108	43	55	108	313	289	214	1,924

(9)-2 Gauging Station Elevation (m)
 El Tambo (Cauca) 1,700

(Unit: mm)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1968	155.0	135.0	97.0	313.0	109.0	55.0	52.0	81.0	113.0	361.0	234.0	204.0	1,909.0
1969	151.0	109.0	73.0	315.0	101.0	116.0	30.0	30.0	89.0	376.0	289.0	164.0	1,843.0
1970	127.5	135.0	160.0	88.0	184.0	24.0	38.0	42.0	112.0	202.0	445.5	186.0	1,744.0
1971	198.0	187.0	(126.0)	215.0	275.0	86.0	75.0	66.0	100.0	204.0	173.0	229.0	(1,935.0)
1972	202.0	113.0	290.0	165.0	107.0	47.0	46.0	79.0	48.0	183.0	232.0	57.0	1,569.0
1973	33.0	38.0	119.0	173.0	102.0	182.0	190.0	144.0	112.0	321.0	278.0	184.0	1,876.0
1974	202.0	237.0	185.0	62.0	113.0	94.0	18.0	35.0	242.0	367.0	436.0	261.0	2,252.0
1975	74.0	409.0	136.0	210.0	249.0	82.0	222.0	109.0	133.0	280.0	408.0	446.0	2,758.0
1976	90.0	149.0	201.0	177.0	148.0	41.0	3.0	33.0	61.0	212.0	254.0	161.0	1,530.0
1977	59.0	117.0	215.0	135.0	120.0	195.0	81.0	88.0	349.0	354.0	323.0	219.0	2,255.0
1978	159.0	23.0	126.0	230.0	233.0	33.0	-	-	-	-	-	-	804.0
Average	131.9	150.2	(157.1) 160.2	189.4	158.3	86.8	75.6	70.7	135.9	286.0	307.3	211.3	1,861.4



V-6 DAILY PRECIPITATION

	<u>Precipitation Station</u>	<u>Elevation (m)</u>	<u>Recording Period</u>
(1)	Popayan (Electraguas)	1,700	Jan. 1961 - Nov. 1971
(2)	Popayan (Machangara)	1,730	Jan. 1970 - Nov. 1977
(3)	Florida	1,730	Jan. 1969 - Dec. 1975
(4)	Coconuco	2,300	Jan. 1961 - May 1978
(5)	Purace	3,200	Jan. 1961 - Dec. 1965 Jan. 1967 - Dec. 1977
(6)	Piendamo	1,850	Jan. 1968 - Jun. 1978
(7)	Silvia	2,400	Jan. 1968 - Jun. 1978
(8)	El Tambo	1,700	Jan. 1968 - Jun. 1978

Precipitation													STATION Popayan (Electraguas)					
CAUCA RIVER, IN THE BASIN OF CAUCA													ELEVATION 1,700		UNIT mm		YEAR 1961	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE					
1	13	7	0	13	0	3	0	0	0	0	13	2	1					
2	53	8	0	18	0	0	0	0	10	0	2	0	2					
3	2	0	0	6	0	0	0	0	16	0	42	0	3					
4	12	12	0	8	0	0	0	0	0	0	20	2	4					
5	0	18	0	0	0	4	14	0	8	0	14	0	5					
6	0	9	0	0	7	0	8	0	38	0	8	0	6					
7	0	0	36	0	5	0	0	0	0	0	83	0	7					
8	0	0	2	0	0	9	2	0	0	16	23	0	8					
9	0	14	0	6	0	0	4	0	0	10	2	13	9					
10	0	0	3	0	0	7	6	0	0	25	28	15	10					
11	0	0	5	0	0	14	12	0	5	11	16	2	11					
12	0	0	8	6	0	5	0	0	0	26	4	0	12					
13	3	0	0	0	0	0	3	0	0	8	3	5	13					
14	20	0	8	0	0	2	0	0	0	12	0	4	14					
15	8	0	0	3	0	3	7	0	0	4	36	4	15					
16	0	0	8	0	7	7	5	0	0	0	22	18	16					
17	0	0	0	0	5	13	0	0	0	3	14	16	17					
18	0	0	0	0	0	0	0	0	0	3	8	0	18					
19	0	0	12	0	0	0	0	11	0	32	13	0	19					
20	0	0	38	42	2	0	2	0	0	2	28	3	20					
21	0	0	14	21	3	0	0	0	0	14	10	2	21					
22	0	0	0	17	0	0	0	0	0	8	0	8	22					
23	0	0	9	22	0	3	0	0	12	12	12	0	23					
24	0	0	0	18	0	0	0	0	0	24	4	0	24					
25	0	5	3	4	3	0	0	0	0	3	2	0	25					
26	12	0	0	3	0	0	0	0	0	0	3	0	26					
27	18	0	0	2	3	0	0	0	0	0	0	0	27					
28	8	0	3	2	0	0	0	12	0	0	0	2	28					
29	3	0	0	0	0	0	0	9	0	10	0	5	29					
30	5	0	0	0	0	0	0	10	0	15	0	0	30					
31	0	0	9	0	0	0	0	0	0	12	0	0	31					
Sum.	157	73	158	191	35	70	63	42	89	250	410	101						

Annual Total (1,639)

Precipitation													STATION Popayan (Electraguas)					
CAUCA RIVER, IN THE BASIN OF CAUCA													ELEVATION		UNIT mm		YEAR 1962	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE					
1	22	0	0	4	6	0	0	0	0	12	0	0	1					
2	32	0	0	0	8	11	0	0	0	8	15	0	2					
3	0	8	0	0	6	8	0	0	0	13	43	0	3					
4	0	15	0	0	5	0	0	0	0	11	28	0	4					
5	4	0	10	0	8	2	8	0	0	18	3	0	5					
6	5	0	12	0	7	0	0	0	0	12	2	0	6					
7	2	6	15	0	8	0	0	0	0	3	5	8	7					
8	6	0	26	0	0	2	4	0	0	10	3	12	8					
9	0	0	18	0	3	5	6	0	12	12	12	24	9					
10	2	17	4	0	0	10	3	0	0	11	0	17	10					
11	0	0	0	0	8	8	0	4	0	71	15	27	11					
12	6	0	0	0	12	4	0	8	0	38	8	22	12					
13	16	0	0	0	8	5	4	5	0	0	12	48	13					
14	6	4	0	8	3	10	5	3	0	3	5	8	14					
15	6	3	0	4	4	4	2	0	0	4	7	12	15					
16	6	0	0	0	5	0	0	0	0	3	9	2	16					
17	0	5	0	0	7	0	0	0	0	0	15	48	17					
18	0	0	17	0	12	0	0	0	10	0	22	16	18					
19	0	0	5	15	9	0	0	0	12	0	4	12	19					
20	0	0	7	9	5	0	0	0	16	0	14	0	20					
21	2	0	8	7	0	0	0	0	19	0	2	0	21					
22	13	0	26	14	0	0	0	0	0	3	8	0	22					
23	8	0	12	12	4	0	0	0	0	0	24	20	23					
24	5	8	0	11	0	5	0	0	0	0	13	0	24					
25	0	0	6	5	10	7	0	0	0	4	9	8	25					
26	0	12	2	6	7	8	0	0	19	0	10	5	26					
27	0	8	0	7	15	0	0	0	0	6	14	0	27					
28	0	7	3	4	6	0	0	28	8	8	52	5	28					
29	0	2	3	3	3	6	0	3	22	3	18	4	29					
30	5	0	0	9	0	0	0	0	12	5	0	0	30					
31	0	0	0	0	0	0	0	0	0	5	0	0	31					
Sum.	146	96	173	118	169	95	32	51	130	263	392	298						

Annual Total (1,963)

Precipitation													STATION		Popayan									
CAUCA													RIVER, IN THE BASIN OF		ELEVATION		UNIT		mm		YEAR		1963	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE											
1	0	0	0	5	18	0	0	0	0	0	34	0	1											
2	7	0	0	7	22	4	0	0	0	30	42	0	2											
3	0	22	0	12	11	0	0	0	0	0	28	0	3											
4	0	18	0	15	0	0	0	0	0	0	12	2	4											
5	0	27	0	14	8	0	4	0	0	0	27	0	5											
6	0	12	11	11	18	0	12	0	0	0	20	12	6											
7	0	8	0	20	23	0	0	0	0	0	23	0	7											
8	0	6	0	5	12	0	8	0	0	0	0	2	8											
9	12	3	0	10	5	22	4	0	0	0	24	8	9											
10	5	4	4	18	4	18	3	4	0	0	46	12	10											
11	0	5	6	12	10	17	4	5	0	0	8	4	11											
12	0	0	5	10	11	25	0	7	0	0	0	3	12											
13	6	0	0	2	3	18	0	3	0	18	10	2	13											
14	0	8	0	0	4	24	0	5	0	12	7	5	14											
15	0	0	0	0	2	10	0	0	0	24	0	0	15											
16	4	0	0	0	6	5	0	0	6	4	0	0	16											
17	0	19	0	0	0	5	0	0	0	2	14	4	17											
18	8	21	28	25	0	0	0	0	0	0	0	6	18											
19	0	11	7	72	0	0	0	0	0	0	0	0	19											
20	2	0	5	3	0	0	2	0	0	0	2	4	20											
21	2	4	10	3	10	0	6	0	5	8	8	2	21											
22	0	7	8	2	0	0	0	0	0	4	12	0	22											
23	0	14	0	0	0	0	0	0	4	0	18	0	23											
24	12	0	20	0	0	0	0	0	6	4	24	0	24											
25	4	3	17	4	0	0	0	0	4	88	6	12	25											
26	5	2	0	4	0	0	0	0	0	0	21	8	26											
27	2	0	0	5	0	0	0	0	0	26	0	6	27											
28	0	0	0	4	0	0	0	0	2	22	6	4	28											
29	0	0	3	0	0	0	0	0	0	26	2	20	29											
30	0	0	6	17	0	0	2	0	2	20	2	18	30											
31	0	0	8	0	0	0	0	0	0	26	28	28	31											
Sum.	69	194	138	280	167	148	45	24	29	314	396	162												
													Annual Total (1,966)											

Precipitation													STATION		Popayan									
CAUCA													RIVER, IN THE BASIN OF		ELEVATION		UNIT		mm		YEAR		1964	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE											
1	24	0	0	8	2	8	0	0	0	0	3	4	1											
2	0	0	0	12	0	5	0	0	0	0	12	2	2											
3	0	0	0	4	4	4	0	0	0	0	22	3	3											
4	0	0	0	10	25	2	6	0	0	0	6	0	4											
5	0	0	0	18	4	10	4	0	0	7	0	10	5											
6	0	0	0	2	0	6	0	0	0	8	3	12	6											
7	0	0	0	4	0	3	0	0	0	3	2	5	7											
8	0	0	0	6	0	2	0	0	0	15	15	6	8											
9	0	23	0	2	12	2	0	0	0	5	2	5	9											
10	2	0	4	0	0	2	0	0	0	0	0	6	10											
11	2	40	2	12	11	4	0	0	0	5	0	20	11											
12	0	48	0	18	8	5	0	0	0	19	2	7	12											
13	8	0	0	10	6	2	0	0	0	11	5	0	13											
14	22	20	0	7	2	2	0	2	0	0	6	0	14											
15	4	15	0	6	0	5	0	4	8	0	3	3	15											
16	0	14	0	12	0	0	0	3	0	7	8	5	16											
17	0	8	25	8	0	0	5	4	0	19	3	7	17											
18	0	0	0	0	0	0	8	0	0	11	20	0	18											
19	0	4	0	0	0	0	10	2	0	0	0	3	19											
20	0	22	0	5	0	0	12	3	0	0	0	28	20											
21	0	18	0	0	0	7	0	4	0	17	2	10	21											
22	0	8	0	3	3	6	12	8	0	0	0	17	22											
23	0	6	0	2	2	0	2	3	7	6	3	29	23											
24	2	2	0	18	0	12	9	4	0	10	0	8	24											
25	0	2	0	8	2	10	0	0	2	3	3	21	25											
26	0	0	0	10	0	8	4	8	0	0	0	10	26											
27	0	0	0	10	12	3	6	4	0	0	2	8	27											
28	0	0	11	8	8	2	7	2	0	2	15	7	28											
29	0	0	14	4	50	2	2	6	0	2	16	0	29											
30	0	0	8	3	15	2	0	3	10	0	0	8	30											
31	0	0	0	0	12	0	0	2	0	0	13	13	31											
Sum.	64	230	64	210	178	114	87	62	27	150	153	257												
													Annual Total (1,596)											

Precipitation													
STATION Popayan													
CAUCA	RIVER, IN THE BASIN OF												
ELEVATION													
UNIT mm													
YEAR 1965													
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE
1	0	2	0	0	0	0	0	0	0	14	4	8	1
2	0	2	0	4	0	0	0	0	0	3	7	12	2
3	8	2	0	2	0	0	0	0	0	0	9	0	3
4	0	0	0	0	0	0	0	0	0	0	12	0	4
5	0	0	0	0	0	0	0	0	0	0	23	0	5
6	12	3	2	22	0	0	2	0	0	0	0	4	6
7	4	4	0	0	3	0	0	0	3	0	6	9	7
8	2	0	0	8	4	0	0	0	0	0	18	14	8
9	0	0	3	12	10	0	0	0	2	0	2	18	9
10	0	0	4	10	3	2	0	0	0	3	0	8	10
11	0	0	0	6	17	0	0	0	0	8	0	10	11
12	2	0	0	7	26	2	0	0	0	5	0	4	12
13	0	0	5	4	2	0	0	0	0	7	5	22	13
14	0	0	0	3	0	0	0	0	0	23	9	0	14
15	0	0	2	8	0	0	0	0	0	9	12	0	15
16	0	0	3	23	0	2	0	0	0	6	14	0	16
17	0	0	7	42	0	4	0	4	5	3	18	4	17
18	0	0	0	10	0	0	0	5	6	12	8	0	18
19	0	0	0	23	0	0	0	7	0	28	8	2	19
20	4	2	0	8	6	0	0	0	13	4	3	0	20
21	0	0	0	0	4	0	0	0	8	0	5	0	21
22	8	0	0	0	0	0	0	0	6	2	2	0	22
23	5	0	0	4	0	0	2	0	4	4	0	0	23
24	7	0	0	2	0	0	0	0	0	7	7	4	24
25	2	0	0	0	0	2	0	0	3	26	10	0	25
26	0	2	0	0	0	0	0	2	2	0	8	0	26
27	7	0	0	0	3	0	0	0	16	8	9	0	27
28	6	0	0	3	4	0	0	0	20	5	3	0	28
29	10		7	0	0	0	0	0	4	3	2	2	29
30	3		0	0	2	0	0	0	7	0	4	4	30
31	4		2		0		0	0		9		0	31
Sum.	84	17	28	201	84	12	4	18	99	189	208	125	
Annual Total (1,069)													

Precipitation													
STATION Popayan													
CAUCA	RIVER, IN THE BASIN OF												
ELEVATION													
UNIT mm													
YEAR 1966													
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE
1	0	0	0	0	0	7	18	0	5	32	4	27	1
2	0	0	0	0	0	0	0	4	0	28	7	8	2
3	0	0	3	0	0	0	0	7	8	34	26	5	3
4	0	4	0	0	3	0	0	0	0	8	19	9	4
5	0	0	0	0	8	0	0	4	0	0	4	11	5
6	0	0	0	0	18	0	0	0	0	5	2	13	6
7	0	0	0	0	11	0	2	0	9	2	28	29	7
8	2	4	2	7	0	4	2	0	12	17	0	13	8
9	4	0	9	0	0	7	12	0	17	0	0	35	9
10	0	8	7	0	34	2	0	0	8	13	7	40	10
11	0	3	0	0	0	0	17	0	4	21	16	8	11
12	0	4	0	14	0	0	8	4	0	4	9	20	12
13	8	0	0	4	0	0	0	7	0	12	4	2	13
14	14	0	4	3	4	0	4	12	6	7	18	18	14
15	0	0	2	0	0	4	0	0	9	0	32	3	15
16	0	6	7	0	4	8	0	5	0	0	0	11	16
17	0	0	2	0	8	0	0	12	27	5	12	4	17
18	4	0	0	21	0	0	0	2	4	11	7	15	18
19	2	0	0	8	0	0	0	0	0	35	0	7	19
20	0	2	0	0	3	12	0	0	18	15	9	16	20
21	0	0	0	0	7	7	0	0	21	8	18	2	21
22	0	0	0	26	42	0	0	0	0	4	13	19	22
23	8	0	0	28	12	0	4	0	0	24	4	28	23
24	9	0	0	0	23	13	0	8	0	6	8	17	24
25	17	4	4	2	5	0	0	0	0	11	0	0	25
26	22	0	8	0	0	0	0	0	8	27	6	11	26
27	0	7	0	0	4	3	0	6	0	8	10	2	27
28	18	0	2	0	7	0	7	12	32	0	38	7	28
29	7		4	0	12	0	0	0	27	0	14	0	29
30	6		0	0	8	4	0	4	9	0	21	0	30
31	2		0		0		0	0		0		0	31
Sum.	123	42	54	113	214	71	80	87	224	339	336	420	
Annual Total (2,102)													

Precipitation													STATION Popayan					
CAUCA RIVER, IN THE BASIN OF													ELEVATION		UNIT mm		YEAR 1967	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE					
1	0	48	0	0	2	7	0	0	0	0	18	0	1					
2	0	52	0	0	3	4	0	0	0	0	13	0	2					
3	0	4	0	3	0	2	0	0	0	0	15	0	3					
4	3	8	0	0	6	37	0	0	0	0	19	0	4					
5	21	9	0	0	0	4	0	0	0	0	12	0	5					
6	0	7	0	0	2	0	4	0	0	0	11	0	6					
7	0	5	22	0	0	4	0	0	0	0	23	0	7					
8	0	3	0	0	4	0	0	0	11	5	31	0	8					
9	0	6	29	0	6	2	0	0	0	25	10	0	9					
10	0	8	0	0	12	6	0	0	0	4	8	7	10					
11	0	27	3	0	6	0	0	0	3	27	0	21	11					
12	0	0	4	0	0	11	0	0	0	13	12	0	12					
13	0	7	0	2	10	0	4	0	25	0	28	0	13					
14	0	0	13	6	0	0	0	0	0	0	8	4	14					
15	0	0	9	0	11	0	0	0	0	0	0	0	15					
16	12	11	15	0	0	0	0	0	0	0	17	0	16					
17	6	0	24	16	0	2	0	0	0	0	14	20	17					
18	0	0	0	0	0	0	0	0	0	0	12	4	18					
19	0	0	0	0	0	0	0	0	0	4	48	2	19					
20	0	0	0	0	0	0	0	0	0	19	18	0	20					
21	0	9	0	7	0	0	0	0	0	0	33	0	21					
22	8	3	31	20	0	0	0	0	0	0	9	8	22					
23	0	8	0	2	0	2	0	0	0	12	29	6	23					
24	3	0	0	5	0	0	0	0	0	17	15	17	24					
25	0	7	0	0	0	5	0	0	0	14	23	26	25					
26	0	0	9	15	0	0	0	2	0	33	42	4	26					
27	0	0	12	0	0	0	0	0	0	10	28	30	27					
28	0	0	4	3	2	0	0	0	17	0	2	27	28					
29	2	0	18	0	0	0	0	0	12	4	0	8	29					
30	20	0	0	0	4	0	0	0	2	2	0	26	30					
31	8	0	0	0	8	0	0	0	0	6	0	2	31					
Sum.	83	222	193	79	76	86	8	2	70	195	498	212						
													Annual Total (1,724)					

Precipitation													STATION Popayan					
CAUCA RIVER, IN THE BASIN OF													ELEVATION		UNIT mm		YEAR 1968	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE					
1	0	22	7	0	0	4	3	0	0	22	0	23	1					
2	0	18	12	0	0	10	4	0	0	0	0	0	2					
3	0	17	3	0	0	4	16	0	0	0	0	0	3					
4	0	12	0	0	0	0	9	2	0	2	0	8	4					
5	0	0	0	12	0	0	0	0	0	0	0	0	5					
6	0	3	0	0	0	32	0	0	4	28	0	8	6					
7	0	15	0	12	10	0	0	0	0	10	0	24	7					
8	5	0	0	7	28	0	0	0	0	45	23	0	8					
9	0	12	7	32	2	0	0	0	0	52	3	0	9					
10	0	0	4	57	0	0	0	0	0	12	12	25	10					
11	0	4	31	39	0	0	0	0	0	8	16	0	11					
12	0	0	8	12	0	8	0	0	0	42	18	28	12					
13	8	21	0	8	5	2	0	0	0	12	0	0	13					
14	4	0	22	22	11	0	4	0	0	0	18	0	14					
15	6	0	27	4	0	0	3	0	0	0	52	0	15					
16	0	0	15	3	0	5	0	0	0	8	32	0	16					
17	0	0	4	10	0	4	0	0	3	7	4	0	17					
18	0	0	0	17	4	0	0	0	0	48	42	0	18					
19	0	12	0	8	0	4	0	0	2	37	13	32	19					
20	0	5	0	0	0	4	0	0	12	0	35	0	20					
21	0	17	0	0	3	2	0	0	0	0	28	6	21					
22	10	26	0	24	0	8	0	0	0	0	8	14	22					
23	0	18	0	51	2	4	0	0	0	0	7	17	23					
24	16	0	0	5	0	0	0	0	0	8	0	6	24					
25	0	0	0	0	0	0	0	2	0	28	0	13	25					
26	12	3	0	3	0	0	0	0	0	42	12	0	26					
27	0	0	0	0	0	0	0	13	14	22	10	0	27					
28	0	2	0	0	0	0	2	16	41	13	21	0	28					
29	30	4	2	3	0	10	0	14	4	6	15	0	29					
30	20	0	0	0	2	12	0	38	10	12	29	0	30					
31	32	0	0	0	8	0	0	8	0	0	0	0	31					
Sum.	143	211	142	329	75	113	41	93	90	464	398	204						
													Annual Total (2,303)					

Precipitation		STATION Popayan											
CAUCA RIVER, IN THE BASIN OF		ELEVATION										UNIT	YEAR
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE
1	3	0	0	0	10	28	0	0	0	25	5	13	1
2	0	2	2	0	19	0	0	0	0	9	27	16	2
3	0	0	5	0	15	0	0	0	0	6	0	0	3
4	0	0	6	0	8	27	0	0	0	15	7	1	4
5	0	0	0	35	0	4	0	3	0	9	4	13	5
6	0	5	0	28	0	17	0	0	0	8	18	12	6
7	0	9	0	0	0	2	0	0	0	33	12	0	7
8	0	23	0	12	0	0	0	4	0	8	18	25	8
9	0	7	0	12	0	2	0	8	0	0	5	15	9
10	0	6	4	18	0	0	0	0	0	0	4	26	10
11	2	2	12	38	0	0	0	0	0	25	2	84	11
12	2	4	8	7	0	0	2	0	0	22	39	0	12
13	0	3	14	19	0	0	0	0	0	14	32	0	13
14	13	0	2	42	0	0	0	0	0	29	12	0	14
15	28	7	0	12	4	0	0	0	0	15	45	0	15
16	30	4	2	21	6	4	0	9	0	6	0	0	16
17	16	0	3	10	7	2	0	5	0	4	0	0	17
18	10	0	0	7	4	0	0	0	22	13	21	0	18
19	0	47	0	5	0	6	0	0	36	0	0	12	19
20	0	0	0	0	2	0	0	0	0	25	2	0	20
21	0	0	0	0	0	0	0	3	0	0	3	0	21
22	14	2	0	12	5	0	0	5	0	26	0	41	22
23	18	26	0	8	0	0	0	0	2	21	22	5	23
24	0	17	0	16	0	0	0	0	0	15	0	0	24
25	0	2	0	6	0	0	0	0	27	6	10	0	25
26	0	0	2	0	0	0	0	0	0	27	11	18	26
27	0	0	7	0	0	12	0	0	38	2	30	0	27
28	0	0	4	28	0	0	0	0	45	3	3	33	28
29	0	0	2	12	2	0	0	0	12	1	2	0	29
30	22	0	0	15	0	0	8	0	5	13	20	0	30
31	0	0	0	0	0	0	47	0	0	0	0	0	31
Sum.	158	166	73	353	82	104	57	37	187	372	354	314	
Annual Total (2,257)													

Precipitation		STATION Popayan											
CACUA RIVER, IN THE BASIN OF		ELEVATION										UNIT	YEAR
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE
1	0	0	20	0	3	0	0	0	3	20	13	0	1
2	0	32	25	2	5	0	0	0	5	64	14	0	2
3	0	27	0	0	2	15	0	0	4	10	44	2	3
4	0	10	12	0	2	6	0	24	6	10	16	3	4
5	0	0	0	1	10	9	6	0	38	40	0	4	5
6	0	20	5	2	30	3	7	0	12	10	8	3	6
7	0	2	7	7	3	4	4	0	5	4	35	4	7
8	0	5	5	0	0	2	2	0	5	9	40	2	8
9	0	0	0	0	15	0	6	0	3	3	12	3	9
10	0	0	0	11	3	6	15	0	0	8	8	0	10
11	24	0	12	6	2	6	12	0	0	0	22	12	11
12	22	0	3	20	24	8	0	22	0	26	12	5	12
13	35	0	0	5	54	2	0	5	12	5	6	0	13
14	26	0	0	0	18	0	0	6	6	0	20	5	14
15	0	0	10	0	55	0	0	0	0	0	35	10	15
16	0	0	0	0	3	0	0	0	2	0	12	12	16
17	31	30	0	0	50	0	7	0	3	0	6	20	17
18	20	0	0	0	2	0	5	0	4	12	25	15	18
19	23	17	0	0	0	0	3	0	7	5	4	12	19
20	0	17	0	0	0	3	2	0	10	8	5	38	20
21	0	0	0	0	0	2	20	0	3	0	9	20	21
22	0	0	0	2	0	5	15	0	0	4	17	5	22
23	18	0	0	15	2	16	6	13	2	15	20	3	23
24	12	42	0	5	4	10	4	18	3	46	22	0	24
25	43	3	0	0	5	0	0	15	4	10	3	0	25
26	0	1	0	0	22	0	0	4	6	3	5	14	26
27	0	22	0	4	35	0	0	3	30	24	4	2	27
28	0	0	0	10	2	0	15	2	5	0	6	0	28
29	0	0	2	15	0	0	12	2	2	25	5	0	29
30	0	0	0	0	0	0	0	3	10	6	3	0	30
31	15	0	0	0	0	0	0	2	0	27	0	0	31
Sum.	269	228	101	105	351	97	141	119	190	394	431	194	
Annual Total (2,620)													

Precipitation													STATION		Popayan									
CAUCA													RIVER, IN THE BASIN OF		ELEVATION		UNIT		mm		YEAR		1971	
DATE	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	DATE											
1	48	12	4	20	10	0	1	0	0	8	38		1											
2	3	10	6	5	8	0	2	0	0	4	3		2											
3	15	9	5	0	12	0	1	0	2	5	2		3											
4	20	20	0	0	5	3	2	3	2	5	6		4											
5	70	10	0	0	0	7	1	8	3	6	12		5											
6	40	15	0	8	0	7	5	0	7	3	1		6											
7	32	0	0	12	0	3	0	0	21	3	1		7											
8	18	47	0	3	0	4	0	0	6	27	0		8											
9	10	33	0	0	0	2	1	0	0	0	10		9											
10	9	5	0	0	15	4	1	0	5	49	4		10											
11	15	0	5	0	0	0	5	0	0	2	2		11											
12	30	0	5	0	0	5	9	0	0	7	4		12											
13	5	0	0	0	0	0	4	0	0	0	0		13											
14	0	0	0	13	12	13	0	1	3	0	18		14											
15	0	52	0	5	8	0	0	4	0	3	14		15											
16	18	20	3	0	5	0	0	5	0	7	45		16											
17	20	42	5	0	0	0	0	7	0	1	19		17											
18	6	13	8	0	5	3	0	0	0	4	7		18											
19	10	5	8	0	33	0	0	15	0	1	5		19											
20	9	0	5	0	20	7	0	0	37	2	13		20											
21	0	0	6	3	21	3	0	0	1	23	3		21											
22	0	0	4	5	56	4	0	0	1	8	21		22											
23	38	0	15	0	5	0	0	0	0	45	7		23											
24	14	0	5	0	12	0	0	2	3	0	27		24											
25	5	0	20	8	5	0	5	5	0	45	27		25											
26	6	0	10	7	5	3	51	10	2	34	30		26											
27	4	0	20	0	3	0	0	3	0	23	15		27											
28	5	0	10	0	0	2	0	0	0	2	29		28											
29	3	0	10	0	0	1	0	0	14	3	0		29											
30	0	0	40	0	0	8	0	0	0	5	4		30											
31	10	0	35	0	0	0	0	0	0	0	0		31											
Sum.	463	293	229	89	240	79	88	63	107	325	367													

Annual Total ()

Precipitation													STATION		Popayan (Machangara)											
CAUCA													RIVER, IN THE BASIN OF CAUCA		ELEVATION		1730		UNIT		mm		YEAR		1970	
DATE	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	DATE													
1	3.0	0	19.0	0	2.0	0	0	0	0.3	12.0	46.0	2.0	1													
2	0	13.0	26.0	0	0	0	0	0	0	13.0	6.0	0	2													
3	0	2.0	7.0	32.0	0	0	0	2.0	3.0	60.0	4.0	2.0	3													
4	0	20.0	0	1.0	2.0	5.0	0	10.0	0	1.0	37.0	1.0	4													
5	0	7.0	2.0	0	4.0	5.0	0	0	0	9.0	15.0	13.0	5													
6	0	16.0	9.0	0	4.0	2.0	7.0	0	0	52.0	6.0	1.0	6													
7	0	9.0	1.0	0	30.0	2.0	3.0	0	14.0	5.0	9.0	10.0	7													
8	0	1.0	4.0	18.0	1.0	2.0	2.0	0	10.0	6.0	21.0	0	8													
9	0	0	0	8.0	1.0	0	3.0	0	0	3.0	65.0	4.0	9													
10	0	0	0	0	5.0	0	15.0	0	0	0	21.0	1.0	10													
11	1.0	0	10.0	3.0	1.0	0	4.0	0	0	0	3.0	51.0	11													
12	15.0	0	0	5.0	3.0	1.0	0	0	0	1.0	21.0	36.0	12													
13	44.0	0	3.0	22.0	5.0	1.0	0	7.0	13.0	31.0	15.0	0	13													
14	11.0	0	0	17.0	30.0	2.0	0	0	5.0	0	2.0	1.0	14													
15	0	0	3.0	0	10.0	0	0	0	0	0	13.0	10.0	15													
16	3.0	10.0	0	0	40.0	1.0	0	0	1.0	0	45.0	7.0	16													
17	27.0	28.0	0	6.0	4.0	0	0	0	0	0	23.0	0	17													
18	11.0	0	0	0	23.0	0	0	0	3.0	0	0	0	18													
19	15.0	19.0	0	0	1.0	0	0	0	0	12.0	27.0	7.0	19													
20	2.0	13.0	0	0	0	0	3.0	0	3.0	0	2.0	13.0	20													
21	0	0	0	0	25.0	0	0	0	13.0	13.0	3.0	60.0	21													
22	0	0	0	0	0	1.0	0	0	0	0	2.0	18.0	22													
23	2.0	2.0	0	1.0	0	0	0	0	14.0	2.0	3.0	2.0	23													
24	13.0	25.0	0	4.0	0	8.0	0	0	1.0	46.5	24.0	0	24													
25	36.0	4.0	0	2.0	16.0	3.0	0	17.0	0	18.0	19.0	0	25													
26	0	0	0	0	1.0	0	0	39.0	0	13.0	2.0	1.0	26													
27	15.0	42.0	4.0	1.0	52.0	0	25.0	2.0	2.0	0	0	16.0	27													
28	0	0	13.0	0	0	0	38.0	13.0	34.0	17.0	11.0	0	28													
29	0	0	2.0	0	4.0	0	15.0	6.0	1.0	0	3.0	0	29													
30	0	0	0	12.0	0	1.0	23.0	13.0	0	33.0	0	0	30													
31	0	0	0	0	2.0	0	0	0	0	0	0	0	31													
Sum	198.0	211.0	103.0	132.0	286.0	34.0	138.0	109.0	117.3	347.5	448.0	256.0														

Annual Total (2,359.8)