

JERAM TERAS

Daily Discharge Table

(G. A = 2700.0 km) (Unit: m<sup>3</sup>/s)

1976

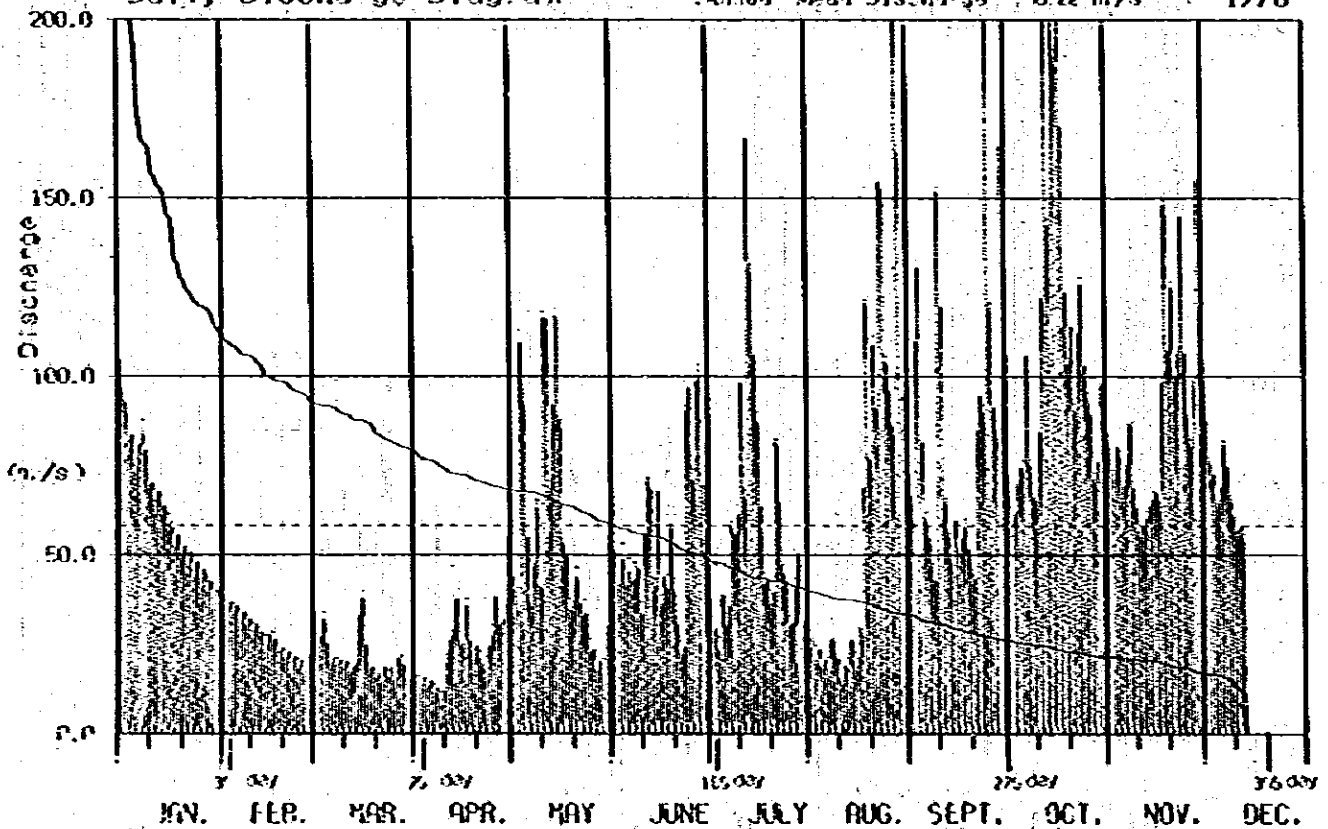
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	104.71	37.8	33.53	15.53	44.42	55.55	37.42	22.03	72.37	72.50	41.53	100.25
2	78.45	37.70	28.07	15.44	43.33	53.74	37.46	27.15	62.42	70.42	40.06	87.70
3	72.50	37.43	24.43	15.17	40.33	41.72	22.35	24.43	62.44	41.46	73.07	76.52
4	67.50	35.72	33.73	19.51	107.34	51.72	27.14	23.45	102.47	72.26	60.91	72.50
5	53.71	35.39	26.16	19.44	76.23	41.52	36.74	22.75	51.51	74.55	72.42	57.41
6	(31.40)	(37.53)	(27.57)	(15.37)	(70.74)	(51.77)	(33.15)	(26.40)	(73.37)	(70.25)	(72.44)	(41.34)
7	50.47	37.45	21.22	14.41	54.76	42.30	33.76	20.47	52.36	75.55	62.34	52.04
8	60.74	33.43	20.22	13.41	36.41	42.75	7.77	21.43	54.45	106.72	77.03	61.44
9	67.23	33.73	21.41	12.37	47.71	42.43	62.47	23.35	42.45	75.74	53.03	74.07
10	72.74	33.10	20.50	11.74	55.34	45.52	56.41	25.50	42.55	55.33	70.70	55.22
11	(60.31)	(33.30)	(21.37)	(13.30)	(47.55)	(44.55)	(47.50)	(23.31)	(63.05)	(57.45)	(73.41)	(50.47)
12	70.24	29.73	20.14	24.15	116.04	56.47	76.13	16.50	112.55	54.45	55.67	65.77
13	55.45	33.31	17.50	25.02	115.76	71.76	35.36	12.22	55.13	123.75	57.45	57.60
14	57.60	29.50	16.50	31.31	70.76	55.13	155.52	22.52	55.32	122.77	32.77	55.75
15	53.47	27.42	33.73	27.55	116.22	57.22	116.72	22.22	57.42	315.22	47.40	(34.75)
16	(37.40)	(27.42)	(22.53)	(27.52)	(103.45)	(41.50)	(104.42)	(21.71)	(70.52)	(173.32)	(42.34)	
17	51.54	27.47	32.41	25.11	67.47	32.34	20.15	21.42	55.75	121.71	57.40	
18	67.34	26.14	24.42	37.52	55.36	43.46	53.42	22.25	64.55	257.07	67.50	
19	55.42	25.45	20.42	25.53	42.42	44.37	45.35	42.04	50.11	173.44	76.37	
20	(52.45)	(25.37)	(24.20)	(27.10)	(53.41)	(45.50)	(54.35)	(53.52)	(51.41)	(172.32)	(77.27)	
21	52.55	23.8	15.47	22.27	45.36	32.34	32.51	111.3	43.52	113.74	125.52	
22	50.30	22.73	15.50	12.41	35.47	25.21	43.21	71.21	45.44	22.57	22.44	
23	50.12	22.42	16.55	21.52	37.37	24.33	24.75	156.22	71.53	112.55	106.25	
24	47.71	21.55	17.44	24.50	33.45	71.55	42.44	152.55	22.07	127.07	144.72	
25	(50.42)	(22.21)	(17.45)	(23.77)	(35.07)	(53.42)	(55.73)	(123.40)	(107.72)	(109.20)	(117.41)	
26	45.55	20.50	17.22	36.07	23.52	74.36	33.24	75.75	120.52	75.45	52.42	
27	45.15	20.10	20.45	34.44	21.42	76.55	31.37	62.70	71.44	67.27	62.47	
28	44.74	21.45	21.35	31.77	20.31	103.27	43.46	53.75	57.70	73.25	76.41	
29	42.53	21.13	12.30	32.74	20.75	52.50	50.54	134.74	134.74	75.21	154.71	
30	42.07	17.25	17.25	55.11	33.15	46.11	31.42	25.36	22.25	22.74	112.51	
31	(43.47)	(21.73)	(16.77)	(37.25)	(27.30)	(76.47)	(37.47)	(137.02)	(111.32)	(17.70)	(107.43)	
Total	2008.25	534.47	556.76	747.42	1742.95	3576.24	1756.22	2107.12	2447.07	3560.33	2700.74	232.57
Mean	64.78	16.72	17.38	24.11	54.75	115.36	56.65	68.22	77.34	114.69	84.38	7.35
Max.	104.71	37.8	33.53	55.11	116.22	103.27	155.52	303.75	221.52	315.22	154.71	100.25
Min.	41.35	20.16	15.50	11.74	20.31	24.33	27.14	16.50	42.35	41.47	57.45	

Max. 315.22 102.34 75.75 47.45 24.32

Daily Discharge Diagram

--- Annual Mean Discharge 68.22 m<sup>3</sup>/s

1976



JERAM TERAS

Daily Discharge Table

(C. A = 2700.0 km) (Unit. m<sup>3</sup>/s)

1977

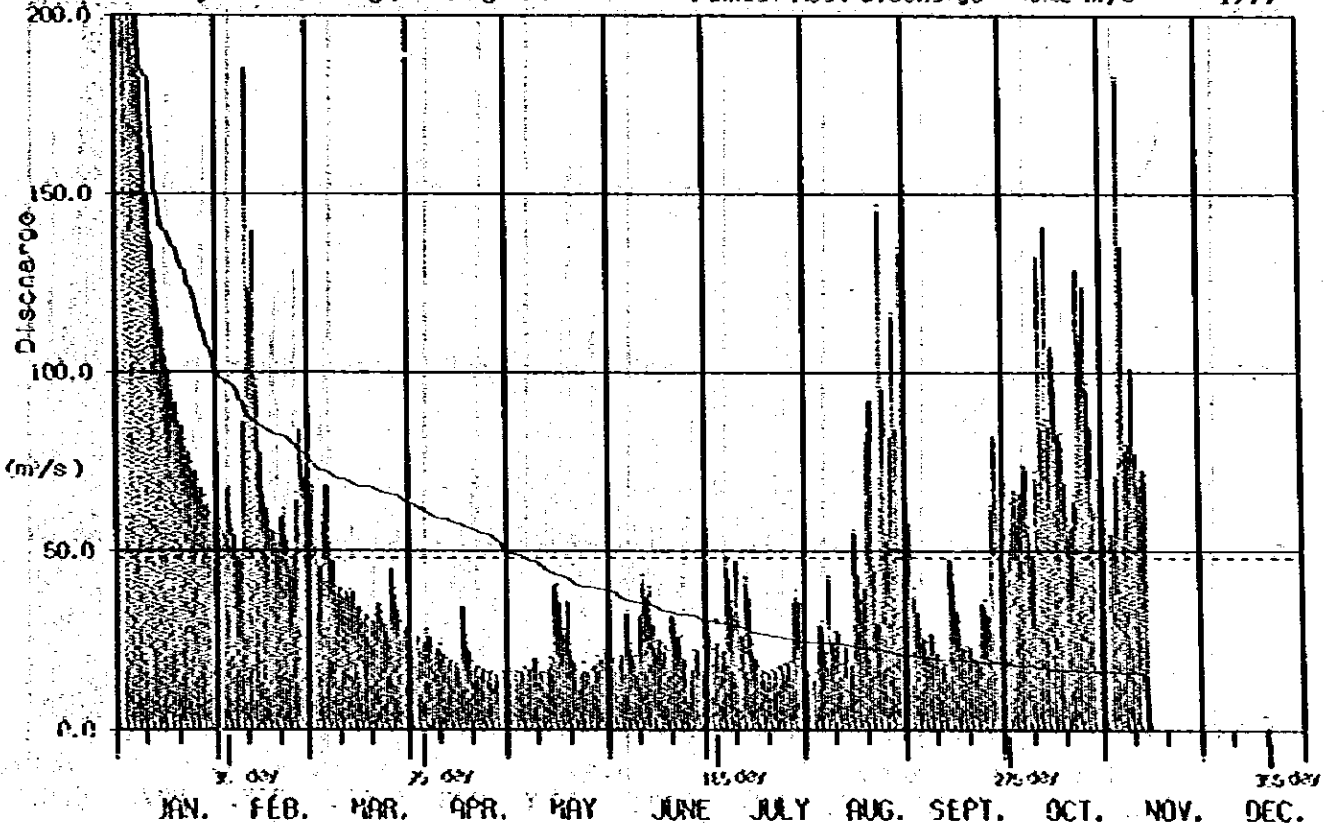
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	436.13	58.74	48.24	25.40	17.47	12.12	22.85	15.87	65.21	44.15	48.20	
2	565.85	58.77	45.70	24.15	14.26	20.14	27.05	15.34	57.42	42.75	58.24	
3	412.41	68.07	51.53	25.24	14.52	17.83	22.71	13.72	32.84	53.45	54.75	
4	325.83	47.10	45.17	24.53	14.16	20.87	21.14	15.04	32.77	45.77	53.34	
5	338.07	49.78	52.24	24.34	14.42	22.88	20.85	15.22	28.40	45.75	53.76	
6	(414.00)	(50.76)	(52.20)	(24.78)	(15.51)	(20.13)	(24.82)	(18.20)	(44.77)	(52.25)	(41.81)	
7	284.70	54.42	48.21	22.77	17.35	32.25	22.03	30.34	25.36	54.12	162.45	
8	232.82	42.75	58.24	25.78	15.60	21.23	47.15	21.87	24.57	73.71	135.33	
9	201.78	42.07	47.13	23.42	12.44	22.41	42.15	24.75	25.85	72.55	52.02	
10	182.74	47.40	40.02	22.72	12.77	20.70	35.01	24.35	24.47	54.70	72.74	
11	153.84	185.14	32.85	23.20	18.21	32.12	47.17	27.37	21.28	46.84	100.45	
12	(214.18)	(50.20)	(42.44)	(24.77)	(18.45)	(25.02)	(38.21)	(22.34)	(24.51)	(53.44)	(115.72)	
13	150.33	123.76	32.17	21.31	14.34	43.12	31.45	24.70	17.41	72.15	77.20	
14	117.11	132.50	38.42	20.04	14.02	35.27	24.17	18.73	18.42	132.38	70.12	
15	122.05	78.28	32.17	17.44	14.75	32.20	42.51	23.77	18.35	65.03	72.43	
16	120.17	72.57	38.15	12.00	20.15	22.33	35.75	32.40	47.75	140.81	71.42	
17	112.41	67.22	35.15	18.83	40.31	24.21	24.02	17.27	43.74	55.82		
18	(130.22)	(101.41)	(38.21)	(12.72)	(21.23)	(34.80)	(32.23)	(21.31)	(22.44)	(103.44)	(58.22)	
19	105.17	51.88	34.38	12.42	40.35	25.20	12.87	55.55	33.12	107.28		
20	100.70	58.03	33.02	14.15	26.47	24.35	17.92	43.32	33.32	28.00		
21	25.15	55.55	32.07	25.55	28.34	24.10	15.87	41.21	22.20	82.74		
22	21.74	51.92	31.17	21.22	34.40	22.22	15.25	32.42	21.34	82.21		
23	88.41	52.25	31.35	12.20	24.05	31.55	15.06	82.51	21.00	42.15		
24	(25.45)	(52.21)	(32.12)	(24.21)	(32.75)	(25.54)	(17.33)	(52.44)	(24.54)	(48.02)		
25	85.25	51.74	32.10	17.25	18.67	22.55	15.52	22.15	12.70	87.45		
26	81.75	52.87	35.23	17.47	18.45	24.01	15.85	45.25	12.55	55.44		
27	77.74	48.17	32.71	15.88	15.44	23.11	17.34	22.48	23.82	55.73		
28	74.24	42.21	22.45	14.28	18.77	12.24	17.24	145.78	34.24	128.22		
29	72.44	48.23	35.33	14.17	15.25	12.20	18.43	25.25	35.25	110.45		
30	(78.35)	(55.85)	(32.01)	(15.24)	(17.14)	(23.83)	(17.40)	(41.25)	(24.64)	(83.88)		
31	62.22	63.87	41.45	14.22	14.70	14.45	18.75	54.73	31.88	124.03		
1	67.72	75.11	12.51	15.44	12.84	22.12	12.07	82.04	42.44	22.31		
2	65.72	70.10	13.28	14.22	20.71	22.31	25.45	114.83	82.18	64.25		
3	63.11		14.21	14.52	12.57	18.54	36.24	14.17	44.40	64.54		
4	59.78		28.22	14.43	14.43	14.43	35.44	135.11	48.73	70.24		
5	57.40		24.24	20.23	20.23	15.31	20.77	22.13		25.02		
6	(34.45)	(75.43)	(31.22)	(14.25)	(12.21)	(12.21)	(26.11)	(21.27)	(55.01)	(64.62)		
Total	5044.00	2034.07	1252.12	534.74	853.27	748.08	822.45	1554.21	1021.25	2421.12	1178.22	
Mean	153.85	72.85	40.42	21.15	21.10	24.21	24.53	51.17	32.03	63.44	32.33	
Max.	568.85	185.14	48.70	34.14	40.35	43.12	47.17	145.78	82.18	140.81	182.85	
Min.	52.40	48.12	25.24	15.84	15.44	14.31	15.25	13.12	18.35	44.15		
			Max.	37.08	25.08	105.08	275.08	25.08	Min.	Mean	Total	
			568.85	27.31	51.75	30.23	18.45		48.02		17527.21	

Daily Discharge Diagram

--- Annual Mean Discharge

48.02 m<sup>3</sup>/s

1977



JERAM TERAS

Daily Discharge Table

(C. A. = 2700.0 km) (Unit, m<sup>3</sup>/s)

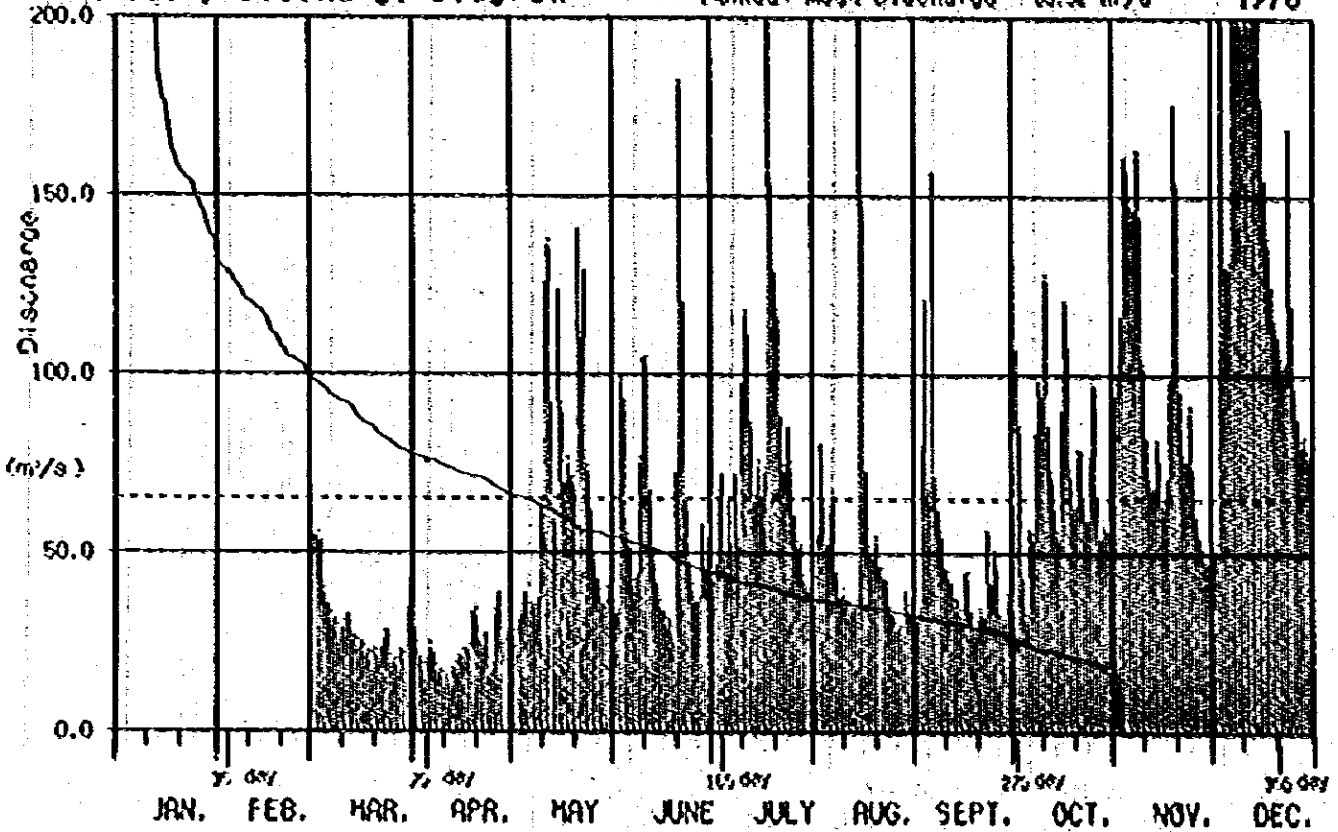
1978

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1			68.52	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
2			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
3			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
4			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
5			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
6			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
7			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
8			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
9			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
10			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
11			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
12			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
13			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
14			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
15			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
16			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
17			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
18			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
19			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
20			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
21			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
22			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
23			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
24			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
25			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
26			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
27			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
28			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
29			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
30			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
31			64.12	37.45	35.44	37.00	41.55	35.37	33.68	39.14	23.80	51.72
Total		281.55	721.04	205.25	1831.78	2432.11	1744.13	1510.34	237.65	574.04	7243.14	
Max.		31.73	24.03	54.42	41.04	72.44	54.72	50.34	76.14	76.14	231.48	
Min.		68.52	36.74	140.72	182.33	177.93	276.02	154.41	126.10	175.53	1200.71	
		20.33	15.73	28.40	22.14	17.94	22.42	33.22	32.44	44.74	51.72	
		Max.	71.007	70.007	115.007	275.007	75.007	Min.	Mean		Total	
		1200.71	126.44	74.06	43.92	25.12	75.007	Min.	Mean	65.32	23241.32	

Daily Discharge Diagram

--- Annual Mean Discharge 65.32 m<sup>3</sup>/s

1978



JERAM TERAS

Daily Discharge Table

(C. A. = 2700.0 km) (Unit. m<sup>3</sup>/s)

1979

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	75.17	45.93	30.76	22.41	41.35	40.46	34.55	24.83	65.76			
2	23.91	44.37	29.72	35.43	45.74	45.27	25.63	23.07	47.20			
3	121.42	43.13	64.46	27.72	62.34	45.39	22.22	21.71	35.64			
4	260.22	42.64	21.11	31.35	45.21	42.34	21.44	20.47	37.32			
5	227.11	42.73	42.42	27.54	64.43	32.21	20.55	20.07	35.65			
	(173.30)	(41.24)	(41.15)	(33.27)	(62.42)	(43.44)	(25.27)	(22.33)	(50.34)			
6	167.75	47.27	47.52	41.47	45.21	34.73	20.10	27.76	44.67			
7	152.17	23.74	42.05	47.55	45.62	34.14	12.67	45.55	34.50			
8	132.52	150.35	38.15	32.45	75.01	33.25	12.35	22.05	62.10			
9	111.50	63.54	35.21	43.82	133.73	33.74	12.05	22.17	53.07			
10	100.06	50.35	34.14	22.52	25.62	43.05	16.44	12.30	71.27			
	(138.60)	(64.47)	(32.25)	(40.75)	(67.16)	(37.76)	(12.40)	(26.21)	(55.33)			
11	22.08	62.58	33.02	28.84	71.11	41.34	12.20	16.62	74.20			
12	65.54	42.11	33.27	33.03	45.74	37.52	25.00	16.15	66.67			
13	63.21	45.07	40.41	26.52	70.02	61.67	33.55	17.57	61.62			
14	75.27	45.04	55.67	25.11	121.13	43.55	30.56	17.10	47.55			
15	73.12	43.25	37.44	25.21	116.74	41.60	22.34	15.52	71.35			
	(61.75)	(47.35)	(41.24)	(26.35)	(70.35)	(45.63)	(27.37)	(17.44)	(72.31)			
16	52.57	43.01	33.65	31.12	42.51	38.21	24.30	15.57	45.06			
17	55.55	53.16	33.33	50.61	52.31	57.26	28.21	17.66	17.66			
18	54.06	53.25	32.43	28.22	45.23	53.73	23.25	17.45	17.45			
19	53.12	42.15	28.25	71.34	40.45	38.74	12.66	24.38	31.62			
20	50.28	(48.12)	(22.76)	(56.55)	(48.30)	(41.11)	(24.03)	(22.04)	(13.22)			
	(54.65)	(48.12)	(22.76)	(56.55)	(48.30)	(41.11)	(24.03)	(22.04)	(13.22)			
21	43.45	38.32	25.42	123.44	35.15	32.06	33.06	33.17	55.43			
22	43.71	38.21	25.31	67.51	35.44	32.20	28.12	30.42	44.00			
23	42.42	34.31	25.50	64.36	33.12	26.24	34.43	30.42	44.00			
24	48.55	33.44	25.73	57.43	33.22	25.02	51.32	32.63	44.00			
25	78.11	45.72	25.42	53.75	29.41	22.74	55.62	32.63	44.00			
	(72.40)	(37.52)	(25.40)	(65.53)	(32.63)	(22.65)	(47.22)	(44.72)	(44.72)			
26	54.30	45.45	23.42	62.11	32.04	26.22	141.75	25.75	24.32			
27	52.15	32.72	22.45	74.72	32.56	22.42	45.57	24.32	24.32			
28	54.71	34.04	21.77	77.73	72.11	25.42	42.03	21.40	21.40			
29	51.25		21.56	45.56	53.40	23.13	33.27	22.71	22.71			
30	53.10		22.28	75.67	45.44	31.05	33.33	20.63	20.63			
31	46.63		24.14	55.13	55.13		27.62	25.60	25.60			
	(54.27)	(32.74)	(22.74)	(75.45)	(50.70)	(27.42)	(57.31)	(23.54)	(23.54)			
Total	2275.55	1434.24	1145.05	1563.02	1211.51	1132.55	1055.62	829.43	203.75			
Mean	73.44	44.97	35.74	48.77	39.11	37.75	34.14	26.75	32.70			
Max.	227.11	150.35	21.11	123.44	133.73	72.26	141.75	45.43	66.67			
Min.	46.63	33.44	21.56	25.21	22.41	23.13	16.44	14.57				

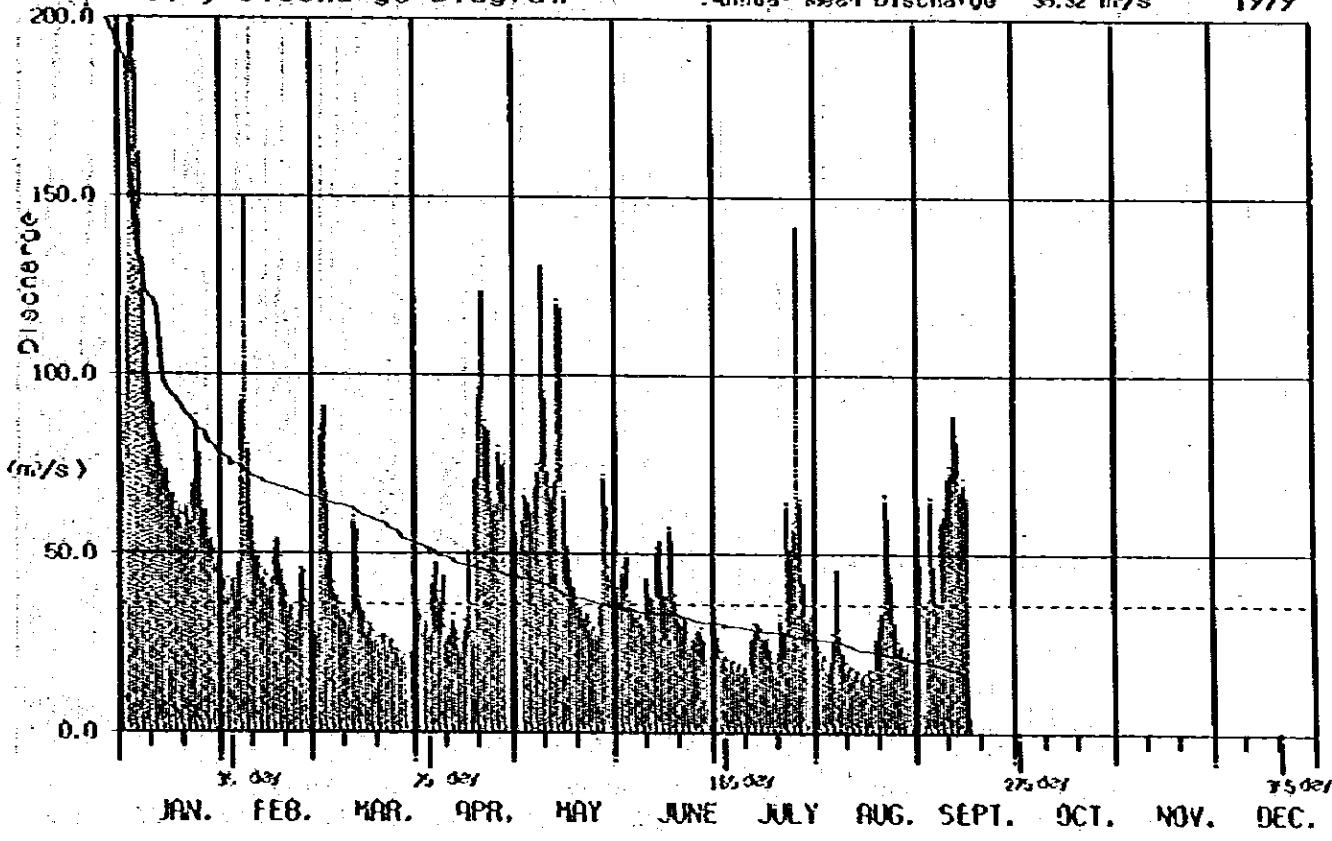
Max. 7 day 277.11 75.17 51.12 30.04

Min. Mean 35.82 Total 13273.43

Daily Discharge Diagram

--- Annual Mean Discharge 35.82 m<sup>3</sup>/s

1979



Daily Discharge Table

(C. A = 2700.0 km) (Unit: m<sup>3</sup>/s)

1980

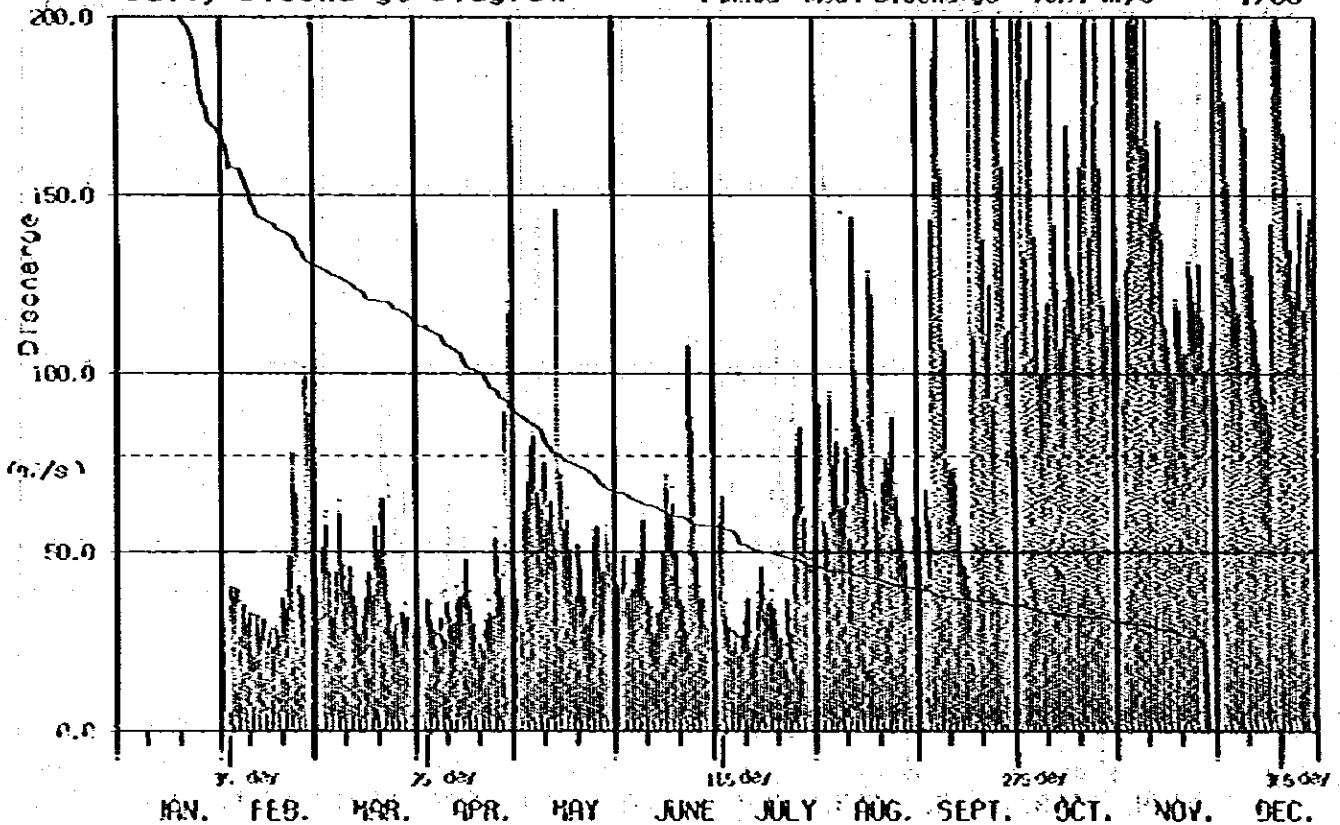
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1			43.27	33.04	45.24	49.20	33.26	123.26	57.44	77.34	120.54	77.53
2			35.07	27.13	35.23	45.34	52.61	21.74	45.65	222.23	124.24	272.50
3			51.31	28.21	34.63	46.60	63.72	47.41	47.41	234.16	25.75	221.51
4		40.15	41.43	35.77	41.55	41.23	32.01	55.49	42.50	134.43	122.02	173.12
5		32.67	41.47	35.63	74.07	32.57	22.11	21.66	143.00	162.54	204.37	153.14
6		( 15.00)	( 47.17)	( 32.50)	( 50.53)	( 43.17)	( 41.31)	( 65.64)	( 75.20)	( 114.15)	( 134.76)	( 164.16)
7		32.74	37.26	28.35	72.94	44.28	27.26	74.24	120.24	204.26	213.00	132.43
8		32.37	44.42	24.26	64.13	46.03	27.64	64.50	241.32	136.44	257.10	122.64
9		35.27	34.38	11.51	45.42	52.06	25.33	43.06	157.45	120.00	224.50	117.03
10		14.25	45.41	22.33	47.40	64.20	23.40	45.25	104.62	22.54	145.54	215.16
11		32.27	42.12	35.74	75.14	49.47	35.06	72.56	75.13	115.26	203.66	152.26
12		( 35.54)	( 47.15)	( 33.50)	( 75.04)	( 46.75)	( 28.27)	( 73.52)	( 154.55)	( 137.65)	( 214.67)	( 152.16)
13		32.42	45.67	35.01	53.05	34.20	35.91	57.27	73.42	120.07	154.32	140.00
14		32.38	43.34	33.14	34.21	31.20	27.21	143.20	73.55	111.11	142.47	122.63
15		32.44	35.03	40.46	40.13	33.01	28.20	101.03	57.45	141.70	150.25	115.04
16		31.44	32.22	37.42	144.02	32.24	38.60	65.51	65.51	126.31	120.62	102.24
17		33.22	31.22	41.50	71.25	42.67	45.61	63.62	45.22	104.23	132.55	25.52
18		( 31.25)	( 37.12)	( 37.10)	( 61.00)	( 37.38)	( 35.07)	( 74.22)	( 59.08)	( 141.02)	( 153.54)	( 114.31)
19		22.10	41.23	47.76	54.31	71.41	37.10	45.66	43.15	126.54	113.06	21.04
20		28.55	41.12	32.12	43.14	52.24	35.55	126.61	215.00	142.44	102.60	72.02
21		27.42	42.52	22.24	50.42	45.20	32.43	122.12	111.61	135.02	22.22	142.10
22		31.22	57.12	25.05	42.62	60.38	34.22	55.45	205.22	122.38	122.55	424.25
23		37.52	56.34	24.34	55.22	49.34	22.22	55.56	123.66	113.16	112.22	341.22
24		( 31.20)	( 46.11)	( 33.45)	( 52.62)	( 55.01)	( 35.25)	( 65.17)	( 154.17)	( 132.12)	( 112.31)	( 212.02)
25		32.25	44.24	25.64	42.26	31.00	25.03	72.32	102.41	157.21	102.63	202.54
26		42.11	42.52	31.20	37.50	31.45	24.25	75.55	111.06	220.13	106.60	152.32
27		77.52	35.34	35.46	34.02	102.63	35.61	77.24	126.15	222.22	131.31	156.52
28		55.50	32.02	32.20	32.42	62.24	31.52	62.64	22.22	132.25	125.22	134.25
29		44.76	22.63	24.25	55.15	50.24	42.22	42.52	253.12	124.26	124.22	121.31
30		( 55.45)	( 42.43)	( 35.24)	( 42.01)	( 52.24)	( 35.50)	( 75.51)	( 143.22)	( 163.15)	( 116.31)	( 154.22)
31		32.64	35.05	42.52	52.02	40.52	62.22	52.60	124.42	222.45	132.20	130.62
1		101.12	32.23	43.42	42.25	35.63	64.22	57.42	152.22	152.22	112.21	142.43
2		68.24	37.45	62.22	41.23	31.25	42.64	47.67	112.22	120.21	100.22	116.03
3		51.24	31.43	120.11	52.53	31.42	44.31	44.15	112.02	113.21	110.22	138.44
4			32.52	52.45	45.20	32.22	52.31	50.11	100.24	115.23	100.52	143.20
5		( 70.11)	( 32.00)	( 70.60)	( 42.40)	( 34.52)	( 64.16)	( 52.40)	( 134.00)	( 143.67)	( 113.24)	( 134.23)
Total		1131.76	1325.22	1200.23	1625.27	1424.32	1262.05	2412.15	3412.26	4241.01	4235.62	4200.24
Mean		32.03	42.14	40.20	55.23	42.46	41.34	76.26	120.42	153.03	141.12	152.22
Max.		101.12	54.24	120.11	144.02	102.63	64.22	143.20	253.12	222.23	257.10	424.25
Min.			22.40	24.43	32.42	32.22	24.25	41.15	43.15	77.34	25.25	22.02

Max. 124.25 152.25 112.22 54.24 35.00  
 Min. 22.40 24.43 32.42 32.22 24.25 41.15 43.15 77.34 25.25 22.02  
 Total 26146.22

Daily Discharge Diagram

--- Annual Mean Discharge 76.91 m<sup>3</sup>/s

1980



JERAM TERAS

Daily Discharge Table

(C. A. = 2700.0 km<sup>2</sup>) (Unit: m<sup>3</sup>/s)

1981

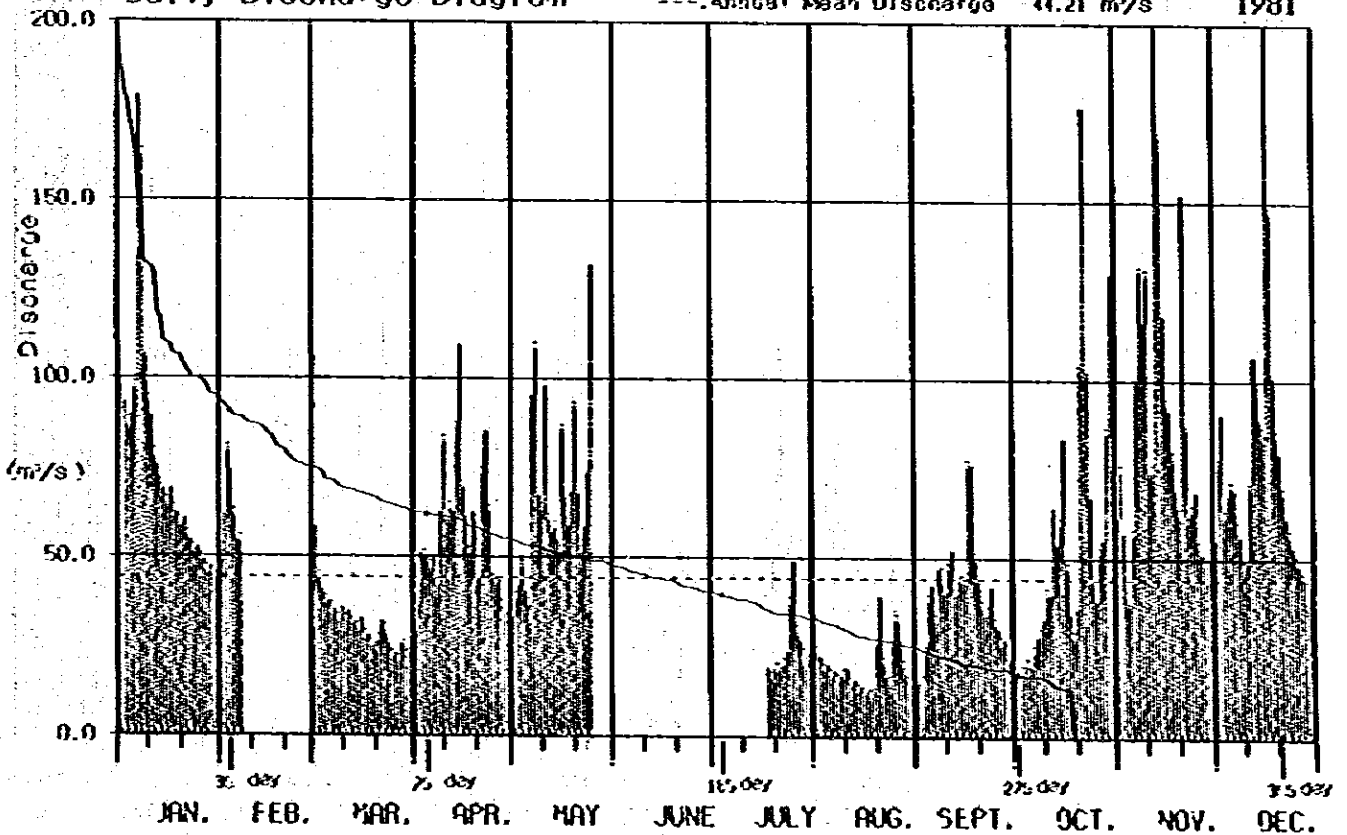
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	102.62	50.24	104.22	22.00	31.03			34.15	14.22	20.15	61.52	55.27
2	22.21	61.23	55.12	36.34	40.20			22.42	15.22	17.20	75.16	76.01
3	21.20	61.22	45.54	50.24	41.65			22.55	17.14	20.05	57.26	20.54
4	67.12	74.25	40.72	51.21	42.23			20.38	25.50	20.20	41.26	63.61
5	62.61	43.40	37.25	50.05	40.42			20.35	32.76	21.25	37.51	57.76
	( 24.35)	( 64.22)	( 55.10)	( 41.04)	( 40.25)			( 24.41)	( 23.12)	( 20.45)	( 54.72)	( 71.06)
6	26.74	54.42	37.52	42.03	38.51			12.04	42.38	12.60	55.22	71.58
7	172.12	55.07	37.41	50.47	25.55			18.41	34.42	25.50	100.08	42.23
8	134.44		37.53	43.23	110.13			17.56	47.16	26.02	131.77	60.43
9	104.42		31.24	42.46	47.33			17.11	47.48	33.40	114.38	55.33
10	25.34		35.57	64.01	65.38			16.64	40.44	33.30	132.28	42.43
	(126.65)	( 22.10)	( 35.21)	( 52.22)	( 75.41)			( 16.20)	( 42.35)	( 27.34)	(107.42)	( 61.46)
11	62.12		31.22	50.33	27.21			12.00	48.74	41.45	74.25	42.33
12	60.40		34.74	65.34	42.50			15.22	52.14	32.61	76.42	71.25
13	75.25		32.22	42.71	67.04			15.28	41.72	43.22	262.73	104.73
14	71.52		31.54	67.71	60.12			14.72	41.90	51.65	142.75	22.22
15	45.21		31.50	102.12	64.21			14.14	45.22	31.34	116.24	62.32
	( 72.02)		( 33.02)	( 77.10)	( 45.52)			( 14.12)	( 45.55)	( 52.02)	(144.22)	( 63.28)
16	44.25		32.55	71.44	67.04			13.64	42.22	63.55	25.20	67.08
17	38.63		22.51	51.43	35.26			13.61	77.32	42.04	21.55	242.50
18	41.50		26.03	72.24	51.03		12.24	13.34	75.13	31.40	60.22	146.72
19	42.02		24.21	42.42	45.12		16.25	13.20	51.64	22.45	42.35	101.01
20	40.22		24.13	41.73	23.31		12.22	22.55	43.52	35.52	64.32	64.20
	( 44.42)		( 26.43)	( 62.00)	( 75.22)	( 11.34)	( 14.45)	( 55.12)	( 44.50)	( 60.13)	(134.50)	
21	50.52		26.34	44.44	67.66		20.41	32.21	38.15	103.23	151.21	72.41
22	57.40		31.60	75.05	53.34		12.41	22.52	34.12	125.40	67.44	70.10
23	74.42		31.23	65.15	55.45		22.11	14.28	34.55	102.44	62.33	31.46
24	53.50		25.28	51.63	75.25		23.21	14.24	41.22	67.14	65.14	55.31
25	52.50		23.24	45.14	132.01		36.22	22.15	33.12	45.22	45.20	53.22
	( 58.24)		( 26.22)	( 62.22)	( 77.43)	( 24.22)	( 24.52)	( 35.61)	( 22.12)	( 67.11)	( 44.54)	
26	51.00		23.03	44.05			48.22	34.25	31.12	38.14	55.20	50.62
27	42.00		22.40	43.52			31.38	22.08	26.04	53.18	51.26	46.14
28	47.74		25.41	38.13			24.25	21.61	22.34	56.24	51.00	44.02
29	42.25		24.22	34.32			24.62	17.22	24.02	64.20	50.33	41.20
30	45.62		24.41	34.53			23.32	18.21	21.55	122.65	55.24	41.16
31	45.42		22.22				40.28	12.02		75.02		43.42
	( 47.23)		( 24.21)	( 38.23)			( 32.45)	( 22.22)	( 24.62)	( 73.33)	( 52.25)	( 44.12)
Total	2430.63	441.64	1042.02	1715.17	1572.67		372.45	635.26	1142.61	1545.03	2432.44	2351.45
Mean	77.45	15.28	34.46	52.12	54.12		12.16	20.52	36.22	53.74	67.24	75.54
Max.	172.12	61.22	104.22	102.12	132.01		48.22	32.23	72.32	124.43	262.73	242.50
Min.	45.42		22.40	22.00			13.34	14.22	15.22	12.60	32.61	43.42
			Max.	35 day	25 day	185 day	225 day	325 day	Min.	Mean		Total
			262.73	20.54	42.02	32.24	12.54		44.21		1438.25	

Daily Discharge Diagram

--- Annual Mean Discharge

44.21 m<sup>3</sup>/s

1981



Daily Discharge Table

(C. A. = 1380.0 km<sup>2</sup>) (Unit: m<sup>3</sup>/s)

1972

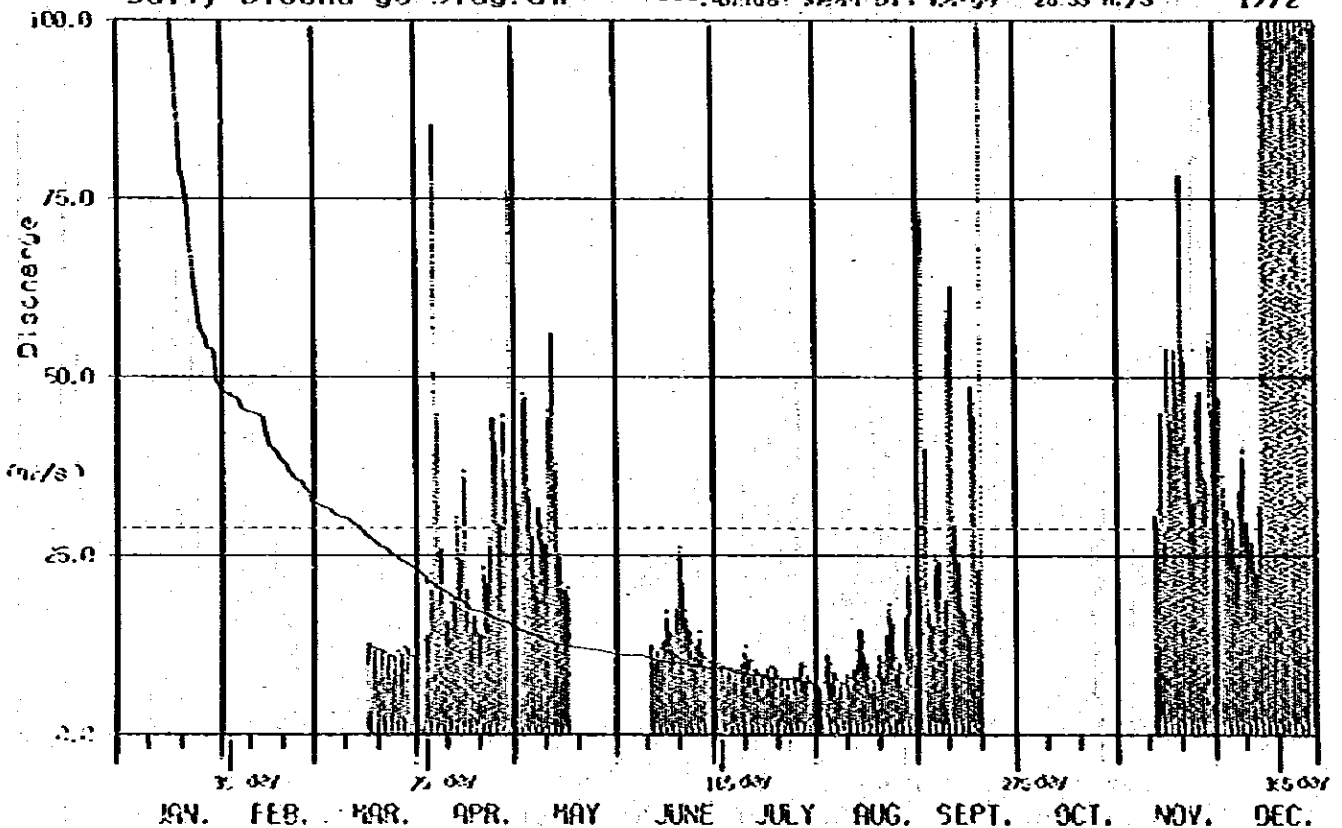
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1				11.15	32.12		10.10	5.25	12.71			55.41
2				11.17	32.15		7.57	2.45	23.07			47.15
3				13.21	47.70		2.45	2.28	32.33			37.27
4				13.41	47.10		2.35	10.28	15.61			31.44
5				22.42	34.29		2.37	7.20	15.17			30.25
6				( 14.35 )	( 35.72 )		( 2.52 )	( 5.35 )	( 31.54 )			( 42.35 )
7				15.37	27.73		5.31	5.31	24.71			30.13
8				14.42	22.05		2.12	7.75	24.05			25.05
9				2.53	31.12		2.03	7.40	17.11			34.20
10				17.21	26.12		2.63	7.17	16.63			37.47
11				15.25	25.97		12.33	5.41	17.28			27.62
12				( 37.75 )	( 27.24 )		( 2.71 )	( 7.67 )	( 26.64 )			( 31.25 )
13				15.41	45.33	12.35	2.25	2.25	42.54			28.74
14				17.12	55.12	12.02	10.37	2.14	27.15		33.55	27.02
15				20.34	37.21	11.57	7.20	11.55	23.37		31.27	25.12
16				24.29	25.55	12.55	2.55	14.52	17.47		45.01	31.22
17				34.43	21.35	13.07	5.40	12.24	15.22		35.45	25.27
18				( 25.53 )	( 37.15 )	( 12.24 )	( 2.43 )	( 11.27 )	( 33.41 )		( 27.52 )	( 75.55 )
19				20.25	59.13	17.25	5.27	2.27	15.02		54.02	52.25
20			12.44	15.54	20.45	15.35	2.27	2.67	45.75		44.25	115.10
21			12.24	15.55		13.49	2.43	7.42	45.40		53.67	613.20
22			12.15	15.55		17.43	2.33	5.24	32.67		42.34	45.70
23			11.21	14.01		25.15	5.35	11.03	17.71		75.31	373.27
24			( 9.72 )	( 15.45 )	( 5.12 )	( 17.75 )	( 5.20 )	( 5.25 )	( 53.74 )		( 55.10 )	( 717.34 )
25			11.50	23.52		21.21	7.61	10.15			53.21	204.61
26			11.50	21.07		17.31	7.73	13.65			43.41	237.22
27			11.07	27.31		16.51	7.71	15.15			75.27	177.24
28			11.04	41.31		12.64	7.74	15.42			32.45	153.74
29			11.05	42.17		12.42	5.01	10.77			42.53	137.37
30			( 11.35 )	( 31.54 )	( 15.35 )	( 7.63 )	( 13.57 )				( 41.73 )	( 254.67 )
31			11.50	27.25		14.34	7.64	2.25			47.20	151.45
1			11.21	44.42		11.45	2.24	5.51			35.13	257.12
2			12.13	37.55		10.47	2.15	15.37			75.45	215.22
3			11.25	75.42		10.25	5.12	23.45			55.15	142.52
4			11.01	35.77		10.12	7.50	12.47			45.25	135.24
5			( 11.47 )	( 45.33 )	( 11.37 )	( 5.28 )	( 13.42 )				( 41.41 )	( 115.37 )
Total			174.35	555.25	555.31	205.25	275.61	331.13	732.77		591.13	545.55
Mean			5.42	25.53	17.25	7.51	5.27	10.35	24.43		25.37	257.24
Max.			12.44	45.37	54.12	25.15	12.33	23.45	137.71		75.31	115.10
Min.				11.15			7.11	5.35				25.12
Max.				7.07	25.07	105.07	275.07	375.07	Min.	Mean		Total
				1115.10	47.53	21.31	2.20		25.63			1051.41

Daily Discharge Diagram

--- Annual Mean Discharge

28.33 m<sup>3</sup>/s

1972



Daily Discharge Table

(C. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

1973

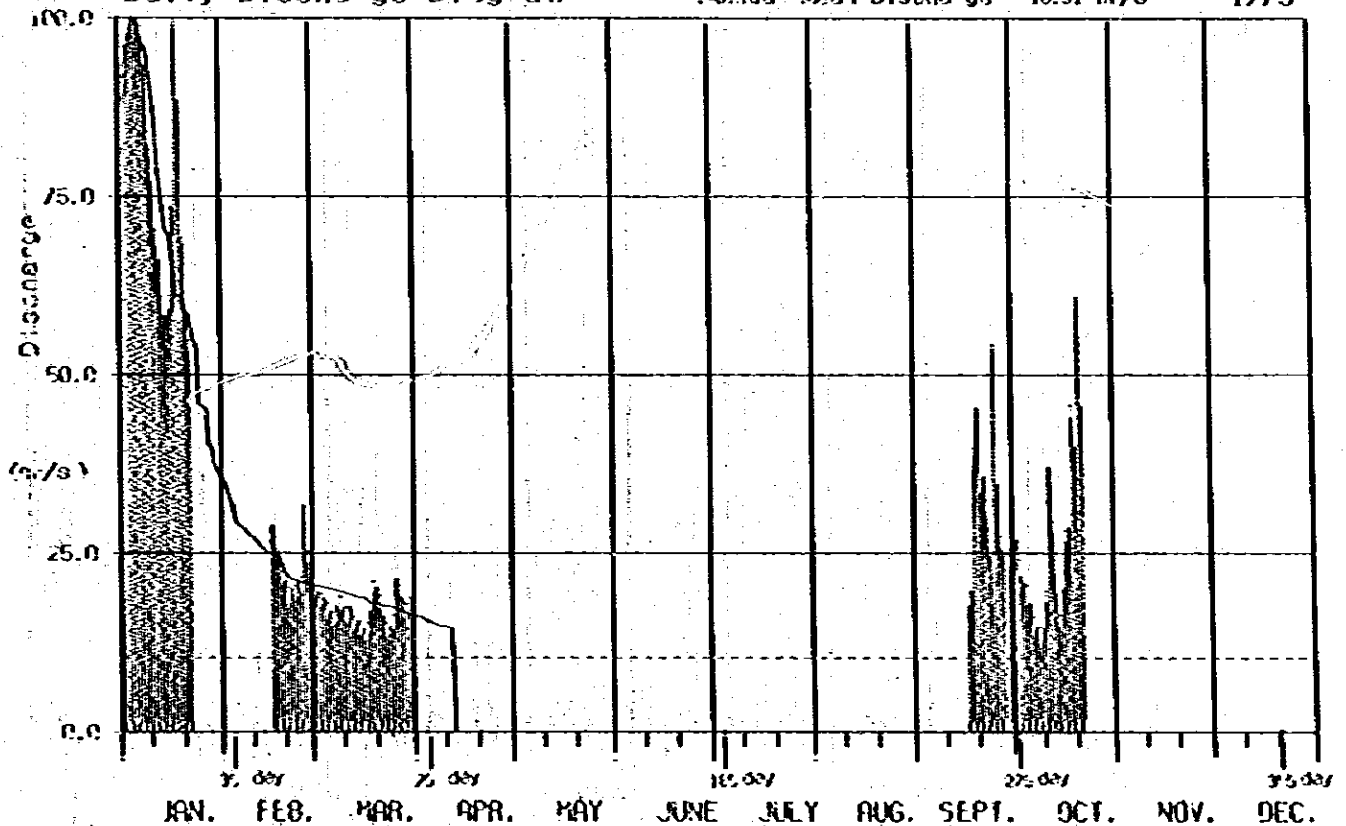
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	106.50		20.35							25.23		
2	95.00		17.56							25.65		
3	25.33		17.31							24.06		
4	121.62		16.71							20.65		
5	102.25		17.27							20.47		
	(104.13)		(17.16)							(23.71)		
6	115.29		14.62							17.25		
7	107.55		14.55							15.11		
8	26.66		17.52							14.43		
9	23.45		16.67							14.53		
10	64.15		17.40							14.54		
	(27.67)		(17.43)							(35.57)		
11	77.10		17.35							12.55		
12	70.33		17.52							15.26		
13	45.13		15.07							22.54		
14	41.03		15.52							12.85		
15	65.33		15.41							15.47		
	(44.55)		(14.37)							(24.40)		
16	61.10	26.77	14.44							12.67		
17	73.26	27.37	15.17					17.55		26.17		
18	116.42	25.10	15.64					12.73		26.41		
19	66.47	22.47	21.02					32.73		45.45		
20	32.32	21.07	20.14					45.34		32.22		
	(62.23)	(21.75)	(17.53)					(21.47)		(32.45)		
21	55.63	20.17	12.05					35.41		50.64		
22	54.21	20.32	14.16					35.72		45.56		
23		20.88	15.25					32.50				
24		20.65	14.77					24.52				
25		21.50	15.25					54.15				
26	(22.74)	(20.51)	(14.53)					(35.45)		(21.22)		
27		31.73	21.31					34.45				
28		25.17	20.60					27.43				
29		21.38	18.73					24.57				
30			17.24					24.77				
31			16.43					26.72				
		(25.17)	(17.44)					(27.45)				
Total	1677.07	315.34	512.54					441.20		557.14		
Mean	50.52	10.21	17.73					14.73		18.24		
Max.	121.62	31.73	21.31					54.15		50.64		
Min.			14.44									

Max. 121.62 31.73 21.31 16.43 25.00 27.00 35.00 Min. Mean 10.31 Total 3754.00

Daily Discharge Diagram

--- Actual Mean Discharge 10.31 m<sup>3</sup>/s

1973





Daily Discharge Table

(C. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

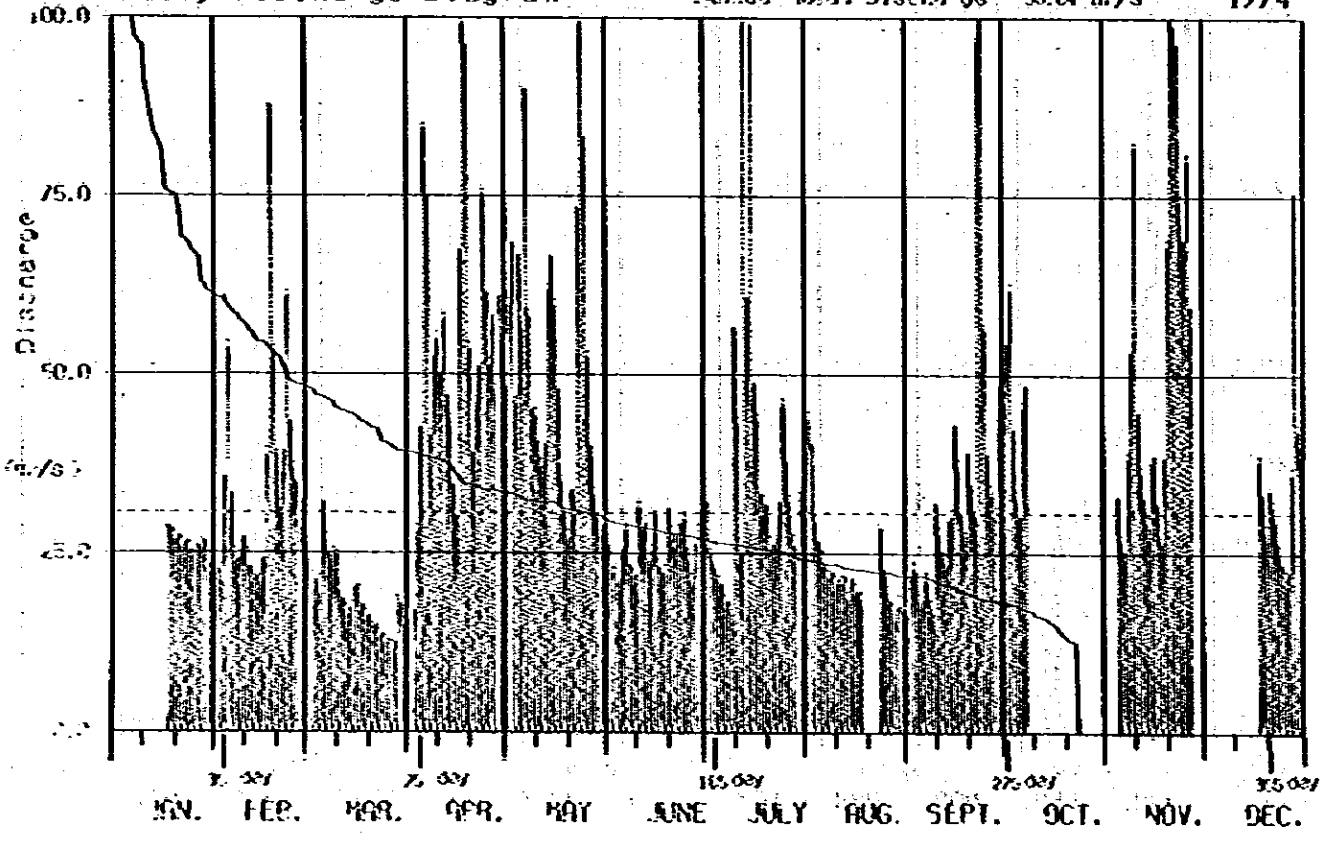
1974

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1		22.77	22.22	15.40	48.24	27.75	45.28	37.24	15.24	47.20		
2		22.76	24.07	15.19	49.70	24.21	32.35	41.67	21.77	54.58		
3		21.46	22.46	17.07	48.54	24.30	26.77	40.45	23.65	42.63		
4		35.97	21.26	26.72	45.74	23.76	23.00	30.54	22.45	42.47		
5		54.53	21.67	42.53	24.44	22.68	21.91	25.71	12.47	33.21	33.03	
6		( 31.67)	( 23.37)	( 24.07)	( 58.26)	( 24.20)	( 22.67)	( 35.37)	( 20.63)	( 48.33)	( 6.51)	
7		31.45	32.13	65.03	57.42	25.64	20.63	25.48	16.34	32.75	27.48	
8		25.52	27.67	75.23	20.30	27.13	12.35	23.43	22.38	45.35	25.43	
9		24.36	24.74	42.47	67.38	23.62	16.18	22.76	18.72	48.57	26.17	
10		24.50	26.73	52.78	45.23	22.67	17.74	22.50	18.56		53.32	
11		( 27.40)	( 27.21)	( 52.24)	( 57.40)	( 24.65)	( 25.52)	( 23.24)	( 22.07)	( 25.04)	( 45.52)	
12		25.48	28.75	50.25	40.42	32.12	44.23	21.55	28.74	28.74	44.67	
13		21.03	18.45	55.43	38.26	28.33	25.01	21.71	25.21	37.27	37.27	
14		21.68	17.67	47.34	40.42	33.12	131.36	21.20	25.21	32.69	32.69	
15		21.64	17.37	44.45	43.53	24.04	50.62	12.76	22.73	33.07	33.07	
16		( 22.45)	( 18.57)	( 45.26)	( 42.71)	( 28.24)	( 72.15)	( 21.34)	( 28.68)	( 35.54)	( 35.54)	
17		24.12	20.41	31.20	40.45	31.26	44.75	20.20	41.23	38.50	38.50	
18	26.62	24.75	20.43	47.47	46.30	24.54	41.54	12.72	38.25	32.17	32.17	
19	26.43	67.18	17.65	154.63	7.77	22.47	33.32	12.55	35.76	27.40	27.40	38.62
20	( 17.35)	( 47.35)	( 18.23)	( 51.56)	( 38.40)	( 31.16)	( 31.67)	( 17.17)	( 35.57)	( 41.10)	( 20.31)	38.62
21	27.43	32.42	15.24	32.12	33.74	28.23	22.53		34.44	181.22	33.63	
22	27.04	32.41	14.22	45.22	33.67	22.72	25.35		31.15	203.22	32.54	
23	24.47	41.50	14.46	51.31	71.47	22.04	28.44		27.25	25.43	25.43	
24	24.50	41.88	13.77	75.67	154.32	22.25	32.27	26.47	103.75	75.37	23.72	
25	( 24.55)	( 42.71)	( 14.19)	( 51.25)	( 74.15)	( 22.15)	( 32.28)	( 10.25)	( 24.65)	( 125.18)	( 22.17)	
26	24.03	34.50	12.74	52.43	53.40	25.68	37.25	20.53	36.22	22.75	22.75	
27	24.07	32.68	12.73	58.40	48.15	22.38	33.34	18.44	34.76	43.21	43.21	
28	24.74	32.38	12.78	48.42	34.27	24.40	22.68	18.13	33.21	52.51	52.51	
29	24.56		18.74	41.15	33.37	31.74	22.41	17.52	43.20			
30	24.51		18.04	55.54	22.47	42.14	33.65	12.33	48.57			
31	( 25.42)	( 33.07)	( 15.23)	( 55.24)	( 35.05)	( 31.15)	( 34.34)	( 18.50)	( 43.02)	( 28.12)	( 32.67)	
Total	371.23	242.76	501.47	1431.42	1537.77	622.74	1121.52	427.35	1055.52	365.66	1414.56	484.73
Mean	12.00	34.43	12.43	54.37	52.63	27.43	38.44	20.24	37.28	11.83	47.22	15.70
Max.	26.62	67.76	32.13	154.63	154.32	42.14	131.36	41.67	103.75	42.63	203.22	75.46
Min.		21.64	12.73	15.63	28.40	22.07	17.74		14.24			
			Max.	75.07	75.07	165.07	275.07	75.07	Min.	Mean	Total	
			203.22	50.55	38.63	24.45	18.04		31.44		11162.67	

Daily Discharge Diagram

--- Annual Mean Discharge 30.64 m<sup>3</sup>/s

1974



Daily Discharge Table

(C. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

1975

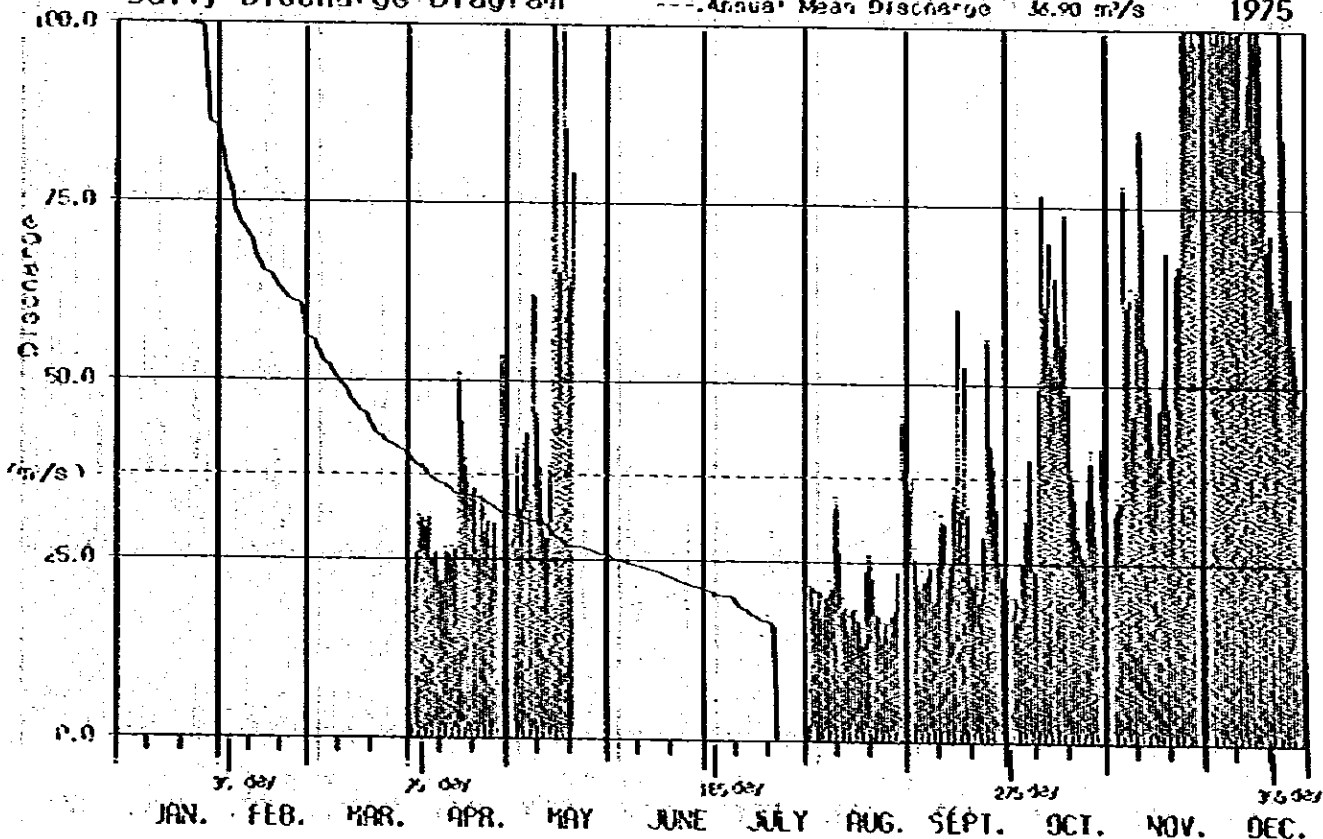
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1				25.05	35.12				35.11	21.47	31.15	165.32
2				24.41	27.47			22.77	33.67	20.74	27.01	143.10
3				25.84	35.04			21.41	27.14	20.21	31.55	114.34
4				31.45	40.04			20.88	21.22	20.26	34.32	102.02
5				31.72	32.04			20.83	24.01	12.10	33.70	101.45
6				( 27.43)	( 31.52)			( 17.18)	( 22.02)	( 20.43)	( 31.57)	( 131.47)
7				30.38	41.14			30.38	22.22	24.20	27.21	105.65
8				32.64	42.42			20.07	24.25	32.62	40.24	101.32
9				25.65	31.20			22.43	24.25	32.55	43.62	153.42
10				25.76	42.02			21.20	21.31	33.25	45.63	137.50
11				23.42	45.43			34.12	24.47	24.01	43.00	101.45
12				( 27.22)	( 45.10)			( 21.35)	( 23.41)	( 23.26)	( 42.26)	( 122.17)
13				22.00	38.05			23.22	31.72	50.41	65.81	22.54
14				23.71	31.42			20.11	33.45	25.63	72.81	106.68
15				25.51	26.04			16.55	23.25	40.24	55.52	65.31
16				25.63	38.17			17.54	24.31	42.23	42.22	23.70
17				25.41	( 31.32)			18.22	35.41	51.23	42.34	115.55
18				( 25.50)	( 31.41)			( 20.15)	( 22.17)	( 42.43)	( 41.17)	( 100.73)
19				51.32	106.50			18.34	40.51	45.02	42.32	123.31
20				44.22	45.31			15.73	33.73	41.25	45.61	125.73
21				32.45	111.21			15.21	52.48	55.22	52.31	22.56
22				35.55	55.45			23.53	32.20	23.25	45.67	82.63
23				( 41.38)	( 44.51)			25.23	24.52	48.84	47.70	78.48
24				34.22	72.23			( 20.11)	( 40.67)	( 40.23)	( 51.52)	( 100.38)
25				26.35				22.45	23.52	35.35	40.40	71.32
26				33.23				20.11	24.28	34.02	45.58	55.07
27				31.42				17.35	21.55	30.23	44.88	61.40
28				33.40				15.71	26.35	27.20	331.52	102.22
29				( 31.72)	( 15.55)			15.52	24.35	25.20	1023.12	84.62
30				25.61				( 18.42)	( 30.68)	( 31.48)	( 324.31)	( 77.12)
31				32.12				15.32	41.45	34.14	248.33	71.64
1				25.78				17.42	40.04	40.84	38.02	42.50
2				53.71				12.23	32.57	33.31	1401.45	55.10
3				43.24				23.25	23.44	31.11	622.12	52.00
4				( 35.20)				45.58	22.25	41.33	261.52	42.71
5								37.52		35.42		47.05
6								( 25.72)	( 32.42)	( 35.02)	( 552.10)	( 55.50)
Total				246.03	1173.00			552.44	233.44	1242.48	5502.24	2226.53
Mean				31.50	37.84			21.26	31.01	40.24	163.55	25.73
Max.				53.71	131.32			45.55	50.51	75.43	1401.45	165.32
Min.				22.00					21.31	12.10	27.01	47.05

Max. 1401.45 7. day 77.21 25. day 38.05 105. day 20.38 275. day 35. day Min. Mean 35.20 Total 13455.62

Daily Discharge Diagram

--- Annual Mean Discharge 36.90 m<sup>3</sup>/s

1975



Daily Discharge Table

(O. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

1976

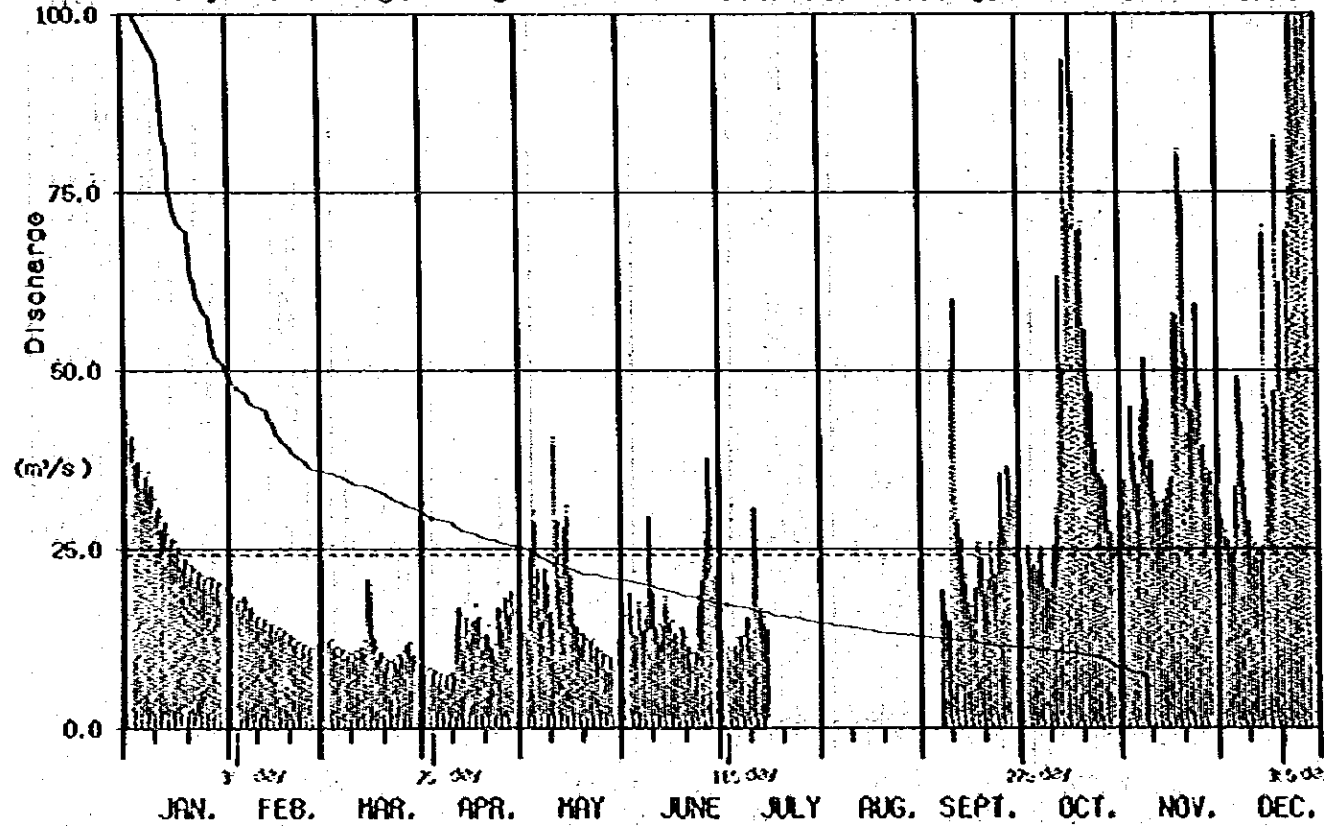
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	41.71	17.25	13.04	6.54	17.17	17.52	13.13		22.61	32.64	31.44	
2	42.55	16.70	13.14	6.37	13.55	15.45	12.17		20.45	24.45	27.17	
3	40.62	16.38	12.23	6.33	14.22	16.61	11.41		25.46	33.17	27.61	
4	37.15	17.62	12.27	6.17	24.73	15.57	10.60		21.53	41.66	25.57	
5	37.25	17.62	11.37	7.63	35.34	12.74	11.37		22.63	38.11	24.31	
6	(40.72)	(18.45)	(12.25)	(7.25)	(17.73)	(13.12)	(11.76)		(21.33)	(35.77)	(27.67)	
7	35.06	18.38	11.28	7.34	22.21	17.50	12.53		23.17	34.10	33.76	
8	35.10	17.57	11.12	7.17	15.55	13.77	12.77		17.15	25.34	44.35	42.06
9	35.63	15.66	10.31	7.62	22.43	17.62	12.80		17.26	21.33	51.72	42.56
10	33.67	15.21	10.53	7.55	21.35	19.46	12.41		14.51	17.47	47.45	33.45
11	32.17	16.21	10.42	7.63	15.14	20.72	12.41		11.21	20.45	37.41	28.61
12	(34.50)	(15.73)	(10.68)	(7.50)	(17.60)	(19.52)	(13.16)		(20.51)	(21.73)	(41.00)	(37.54)
13	31.65	15.17	10.77	15.24	10.54	14.15	30.75		52.63	25.41	32.75	25.55
14	27.70	15.24	10.72	15.50	26.22	14.51	23.32		27.07	35.57	31.56	28.75
15	26.75	14.37	11.20	12.73	21.15	14.23	15.32		25.34	33.12	31.52	24.85
16	27.20	14.55	12.14	15.40	26.26	14.35	15.52		21.51	50.73	32.00	35.35
17	25.55	14.55	12.73	13.55	30.26	14.35	15.32		17.17	33.54	34.45	25.15
18	(26.42)	(14.66)	(13.13)	(14.79)	(27.73)	(15.17)	(20.40)		(30.64)	(52.74)	(32.53)	(34.50)
19	26.15	14.31	12.28	15.03	21.38	14.67	14.67		15.24	22.45	34.26	45.01
20	26.23	14.25	12.55	17.22	15.05	13.21	13.21		17.45	133.61	57.77	36.12
21	24.41	13.52	11.38	15.40	14.15	13.63	13.63		23.74	52.03	57.61	47.06
22	23.22	13.25	10.54	12.35	13.15	13.27	13.27		25.76	52.65	60.73	62.57
23	(22.44)	(12.55)	(7.77)	(13.31)	(13.17)	(12.47)	(13.72)		(20.55)	(70.63)	(74.45)	(42.57)
24	22.72	12.55	7.55	14.27	12.41	11.27	11.27		(21.33)	(47.13)	(51.12)	(56.02)
25	22.17	12.14	7.33	11.12	12.17	15.45	15.45		20.62	55.75	62.75	45.85
26	21.77	12.56	7.70	11.32	12.17	15.67	15.67		25.66	47.38	44.52	52.54
27	21.37	11.63	10.13	13.72	11.36	16.32	16.32		21.37	45.77	45.53	131.52
28	20.63	11.53	10.35	14.25	10.71	20.44	20.44		27.11	37.62	52.23	165.37
29	(21.76)	(12.02)	(7.61)	(14.03)	(11.77)	(14.24)	(14.24)		(25.15)	(45.48)	(60.00)	(112.37)
30	20.37	11.28	10.62	16.17	10.42	27.35	27.35		29.33	37.75	39.50	183.35
31	21.02	11.15	11.52	17.72	10.62	37.75	37.75		35.50	33.22	35.20	104.25
32	20.60	11.55	11.63	12.07	7.77	33.52	33.52		31.14	26.75	37.64	156.51
33	20.37	12.74	10.23	16.57	10.35	21.32	21.32		32.55	27.37	37.52	226.34
34	17.61		7.23	17.72	12.37	15.55	15.55		24.76	26.04	33.64	144.53
35	(20.52)	(11.75)	(10.41)	(16.59)	(11.33)	(27.10)	(27.10)		(32.10)	(32.75)	(35.12)	(143.55)
Total	575.06	425.25	75.54	330.62	551.24	527.53	227.62		614.52	1337.22	1278.57	2828.37
Max.	26.23	14.70	11.57	13.03	17.65	17.35	7.35		21.62	43.10	43.27	71.24
Min.	44.71	17.25	20.73	17.72	40.54	37.75	30.75		57.64	133.61	60.73	226.34
Min.	17.61	11.15	5.67	7.45	7.27	10.45	10.45		17.47	17.47	31.52	24.85

Max. 220.34 47.45 27.32 17.22 11.20  
 Min. Mean Total  
 220.34 47.45 27.32 17.22 11.20 24.28 695.60

Daily Discharge Diagram

--- Annual Mean Discharge 24.20 m<sup>3</sup>/s

1976



Daily Discharge Table

(O. A. = 1380.0 km) (Unit. m<sup>3</sup>/s)

1977

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	146.37	23.72	23.53	7.95	4.25	7.02	7.52	7.55	21.50	21.32	29.55	31.02
2	116.57	24.23	23.55	7.65	5.52	7.17	6.15	7.14	15.77	32.05	26.43	25.50
3	104.57	23.95	17.00	6.02	5.55	6.21	7.66	7.07	13.72	30.55	24.16	23.50
4	112.55	25.01	15.72	7.55	5.51	6.94	6.20	7.01	11.73	43.14	25.96	23.53
5	155.92	24.44	15.72	7.43	5.59	6.24	6.61	5.93	10.74	35.25	25.38	25.55
6	(122.45)	(24.27)	(17.17)	(7.72)	(5.58)	(7.27)	(6.11)	(7.15)	(14.73)	(36.07)	(25.51)	(25.70)
7	136.54	22.15	15.45	7.57	7.02	13.58	10.12	7.02	15.50	32.65	42.41	25.77
8	75.54	21.02	14.40	7.55	6.55	10.73	13.62	5.52	17.52	51.24	39.13	29.31
9	76.54	26.65	13.13	7.55	6.76	11.26	7.62	5.24	12.50	51.75	25.20	25.32
10	57.55	32.55	12.42	7.16	10.95	11.34	11.76	5.75	11.73	41.68	24.42	22.10
11	(66.94)	(30.75)	(13.42)	(7.11)	(7.65)	(12.31)	(11.65)	(5.77)	(12.51)	(26.33)	(31.74)	(21.12)
12	54.42	41.52	11.62	5.22	7.27	15.15	7.57	5.53	11.22	72.05	29.93	21.27
13	50.65	42.08	11.76	5.50	5.50	15.04	10.20	6.35	10.53	54.37	25.60	19.61
14	47.77	32.73	11.72	5.41	6.54	12.27	20.50	5.24	12.15	31.73	35.45	20.90
15	44.57	28.22	11.52	5.43	14.77	34.46	13.32	5.12	15.61	24.63	51.54	20.41
16	42.17	25.45	11.20	5.43	21.12	16.53	10.65	6.12	14.55	42.24	24.36	16.91
17	(46.31)	(34.07)	(11.55)	(5.44)	(11.25)	(20.73)	(13.05)	(5.26)	(13.02)	(45.22)	(27.36)	(20.25)
18	43.32	23.72	10.67	5.55	23.45	14.05	7.73	7.05	11.76	135.27	21.52	17.70
19	36.55	22.36	10.52	7.65	14.13	13.22	7.95	6.15	11.27	75.01	19.32	17.32
20	35.52	21.35	10.33	6.16	11.42	13.23	6.67	7.27	10.72	75.24	12.55	17.76
21	34.75	20.57	7.67	5.25	12.02	15.31	6.23	15.52	10.53	63.35	25.10	22.21
22	33.74	20.27	2.52	5.56	9.71	15.57	6.11	34.40	10.41	46.76	40.75	16.44
23	(35.77)	(21.59)	(10.24)	(7.22)	(14.15)	(14.50)	(6.60)	(15.42)	(10.75)	(64.07)	(25.40)	(16.73)
24	32.45	21.32	7.74	5.40	6.12	14.55	5.22	35.31	10.35	35.20	32.47	12.66
25	33.76	20.75	10.14	5.23	7.44	14.25	7.42	17.72	11.05	35.37	25.65	29.57
26	29.63	12.64	2.74	5.15	7.23	12.42	7.32	10.28	10.28	46.11	26.35	25.53
27	26.52	12.66	2.02	5.15	7.11	7.12	7.03	27.04	14.42	47.42	32.50	23.44
28	27.74	21.25	5.26	5.97	7.25	5.10	7.05	25.63	12.25	50.37	30.76	17.58
29	(27.71)	(20.41)	(2.55)	(5.20)	(7.45)	(11.73)	(7.45)	(23.27)	(13.56)	(43.02)	(30.21)	(23.76)
30	27.01	23.19	11.31	5.57	7.73	7.57	7.35	15.55	14.65	40.27	31.57	17.55
31	25.27	23.36	10.12	5.25	5.42	13.72	36.72	35.07	54.52	37.52	28.34	17.42
32	26.51	21.15	7.33	5.41	7.75	7.54	23.65	43.60	46.54	32.37	24.64	17.44
33	24.67	6.75	5.74	7.35	7.35	5.34	30.52	33.05	35.75	33.17	23.94	17.03
34	23.44	6.44	5.97	7.43	7.76	7.76	12.23	35.12	29.14	31.51	44.42	15.26
35	22.75	5.16	7.42	7.42	7.42	10.43	17.44	17.44	35.85	35.85	15.27	15.27
36	(25.03)	(22.55)	(2.35)	(5.72)	(7.07)	(2.42)	(21.42)	(41.15)	(34.53)	(34.63)	(30.73)	(17.00)
Total	1611.15	723.12	377.55	204.63	220.53	376.01	375.03	536.45	513.75	1465.34	655.50	542.95
Mean	55.42	25.53	12.16	6.63	7.37	12.50	12.10	17.36	17.13	47.91	26.65	21.61
Max.	155.92	35.07	23.54	5.16	23.45	34.46	36.72	45.12	54.52	135.27	44.42	31.02
Min.	22.75	12.64	6.16	5.51	5.55	5.21	7.05	5.12	10.26	21.32	12.65	15.27

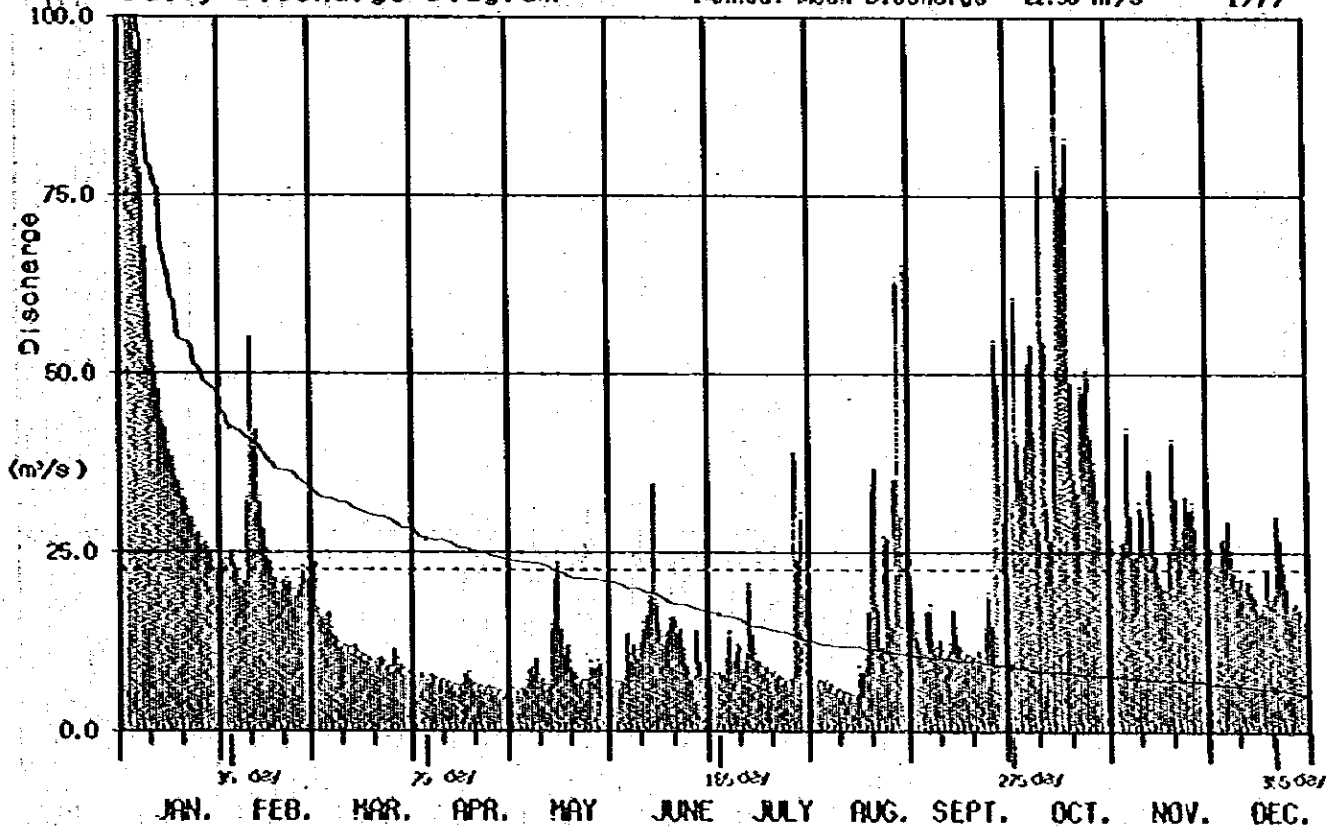
Max. 155.92 42.41 25.65 15.26 36.72 5.51 5.12 22.55 Total 5233.95

Daily Discharge Diagram

--- Annual Mean Discharge

22.56 m<sup>3</sup>/s

1977



Daily Discharge Table

(C. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

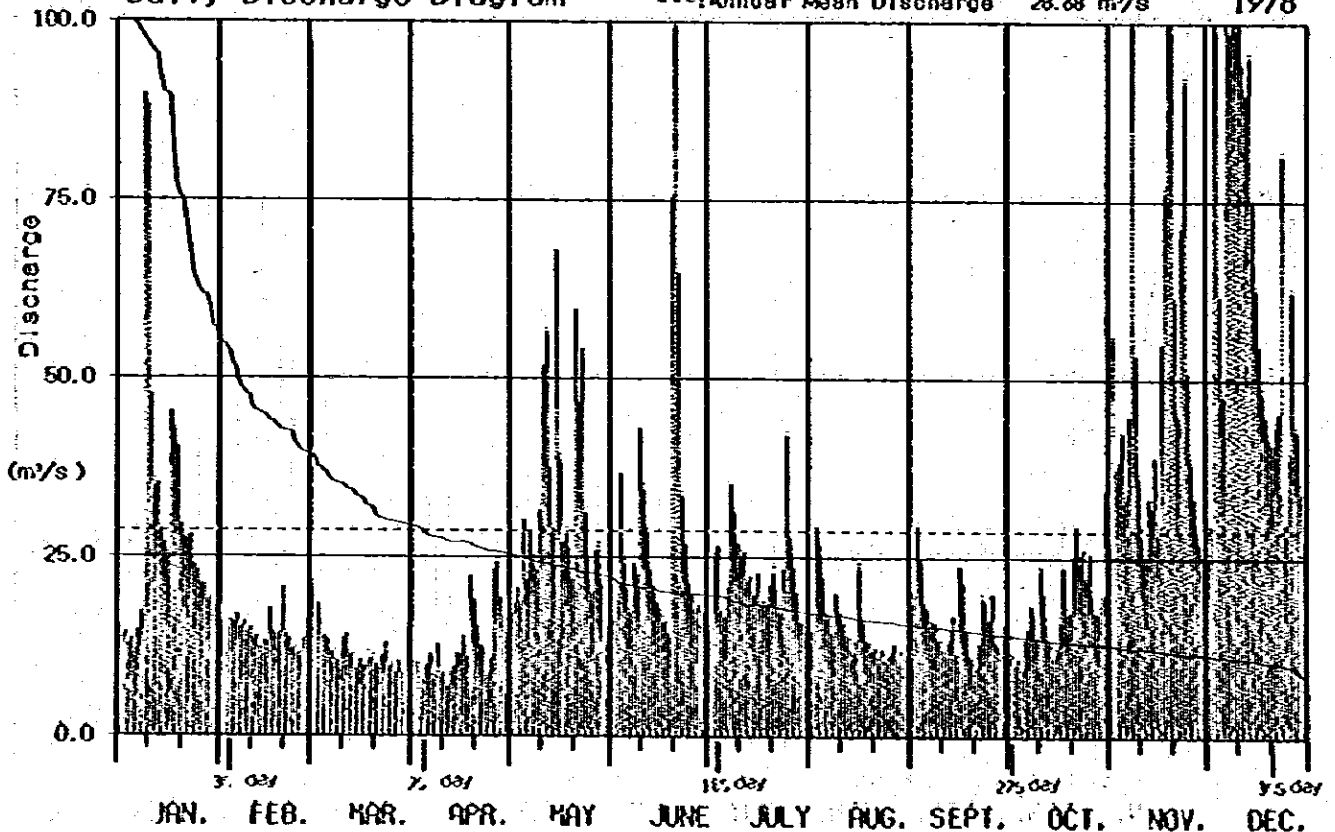
1978

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	15.22	13.78	21.84	17.41	15.25	17.42	15.34	14.45	10.96	12.54	27.24	25.04
2	14.95	15.25	12.54	11.76	12.22	18.00	15.55	15.54	20.15	11.57	55.93	35.73
3	14.45	15.04	12.54	10.20	20.45	17.72	25.55	22.24	22.25	11.31	37.53	315.32
4	14.07	15.11	12.78	2.75	12.22	35.64	23.57	27.62	24.23	10.91	32.82	105.72
5	13.42	15.22	14.83	2.83	35.24	24.37	16.44	22.15	15.53	10.72	42.52	51.55
6	(14.45)	(15.12)	(18.75)	(11.80)	(21.53)	(22.82)	(20.31)	(21.64)	(21.16)	(11.41)	(40.72)	(107.52)
7	13.26	15.05	13.53	11.32	22.62	20.51	15.33	17.35	17.62	13.53	34.50	46.22
8	14.34	15.23	12.87	11.43	26.38	18.38	21.44	15.22	15.02	15.12	44.61	122.25
9	16.31	15.21	12.11	2.24	25.22	24.05	2.14	15.50	15.22	16.26	104.26	252.63
10	12.76	15.32	11.85	12.32	23.18	21.04	32.02	12.85	15.04	18.02	53.32	145.01
11	12.40	15.35	11.55	2.60	32.21	41.02	27.03	18.16	13.55	13.23	35.66	144.43
12	(15.06)	(15.25)	(12.41)	(11.05)	(25.32)	(25.21)	(25.45)	(17.52)	(15.21)	(15.02)	(54.72)	(155.02)
13	12.47	14.54	14.32	6.74	51.25	25.51	25.06	15.25	13.43	21.51	22.25	105.15
14	12.00	13.63	14.15	5.50	55.24	22.16	25.25	14.22	13.02	12.93	25.50	25.38
15	12.21	13.22	12.22	6.20	32.52	24.22	22.22	13.68	14.76	14.25	33.32	62.52
16	12.12	13.32	11.50	10.20	22.45	21.00	22.34	13.18	15.55	13.20	33.20	25.52
17	12.70	14.13	10.61	11.46	52.22	12.73	20.32	13.41	12.50	12.38	32.04	74.72
18	(12.17)	(13.55)	(12.32)	(2.71)	(48.72)	(25.82)	(23.50)	(14.24)	(14.16)	(15.55)	(32.16)	(22.12)
19	27.24	12.72	10.31	12.65	32.40	12.65	22.54	24.15	23.21	12.50	22.22	43.24
20	45.26	15.53	10.23	13.62	25.26	15.61	12.61	15.52	22.53	15.90	54.62	54.25
21	43.22	14.24	15.14	12.42	15.22	15.22	18.24	14.20	14.22	23.55	25.42	46.65
22	40.32	15.31	11.25	22.31	25.02	15.21	12.41	13.42	14.35	18.10	33.32	44.20
23	33.48	20.53	11.48	20.22	22.76	25.35	21.48	12.24	12.20	18.35	102.20	42.53
24	(12.41)	(13.55)	(10.28)	(15.22)	(28.62)	(26.24)	(20.38)	(15.20)	(15.52)	(12.42)	(116.22)	(50.65)
25	27.35	15.12	11.48	15.22	52.32	102.32	23.31	12.35	11.25	25.22	51.55	40.18
26	26.21	13.24	11.12	14.12	42.54	34.24	20.51	11.63	13.02	22.25	45.55	44.02
27	27.22	13.20	12.32	12.20	54.15	34.26	18.34	12.13	12.63	25.38	21.18	45.31
28	25.33	12.52	12.28	10.21	31.22	25.62	23.31	11.42	16.22	23.20	22.22	61.23
29	23.26	12.55	10.63	10.61	24.32	22.32	42.34	11.24	12.53	23.31	50.25	22.61
30	(25.50)	(13.52)	(11.78)	(12.54)	(43.52)	(51.52)	(25.85)	(11.61)	(14.10)	(25.22)	(44.31)	(48.32)
31	22.20	13.35	10.25	24.00	21.05	12.22	22.22	12.32	12.65	25.52	32.10	32.55
1	21.05	12.11	10.24	24.12	25.24	18.25	24.42	12.20	14.14	20.42	33.35	42.13
2	20.26	12.11	10.54	20.25	24.22	18.31	22.13	11.42	12.22	17.28	22.24	43.42
3	17.22	22.52	10.43	15.55	21.12	18.22	15.28	11.25	13.28	12.52	25.22	42.51
4	12.54	14.28	15.28	15.28	14.31	17.11	15.12	11.25	15.52	12.62	25.18	35.42
5	16.13	17.13	17.13	15.28	15.31	15.11	15.34	11.15	34.32	34.32	22.42	22.42
6	(20.25)	(12.25)	(12.25)	(20.34)	(20.22)	(18.25)	(20.14)	(11.23)	(15.32)	(22.62)	(32.62)	(41.28)
Total	213.38	148.35	435.74	428.25	252.22	634.22	702.45	422.25	425.31	525.22	182.42	222.20
Mean	22.45	15.22	33.12	33.33	31.22	28.63	22.55	15.46	15.51	18.52	55.32	61.25
Max.	62.78	22.52	21.85	24.12	52.38	102.32	42.54	22.24	22.25	34.32	303.32	315.32
Min.	13.28	12.35	10.14	6.50	14.01	15.21	15.34	11.15	10.28	10.22	25.18	25.04
			Max.	3.08	25.08	185.08	225.08	35.08	Min.	Mean		Total
			315.32	53.52	28.38	12.54	14.02	10.24	6.50	28.35		10452.21

Daily Discharge Diagram

--- Annual Mean Discharge 28.68 m<sup>3</sup>/s

1978



Daily Discharge Table

(C. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

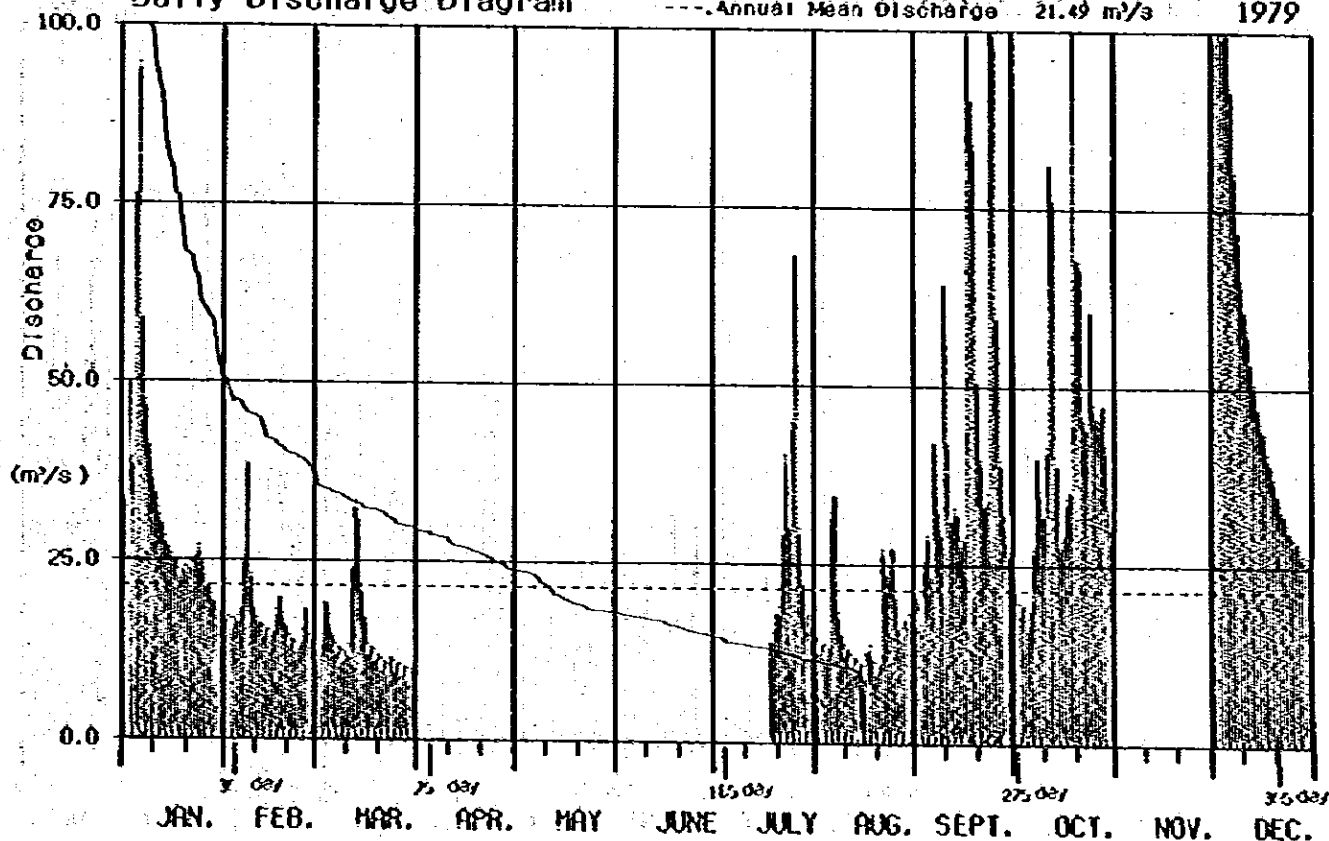
1979

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	33.83	17.42	12.17					14.69	17.44	23.48		224.53
2	34.67	17.25	11.83					14.35	20.43	21.54		224.02
3	47.20	16.64	14.85					13.81	13.61	12.78		165.53
4	37.26	17.01	12.01					13.80	23.51	12.46		127.94
5	73.27	17.16	17.57					13.34	27.13	17.61		111.57
	(43.63)	(17.14)	(15.01)					(14.03)	(21.63)	(20.43)		(165.78)
6	24.55	16.21	14.73					32.32	23.26	16.37		107.72
7	59.77	23.12	13.43					34.45	41.23	27.20		21.64
8	47.41	36.42	12.23					16.36	32.34	32.98		63.26
9	49.22	21.17	12.43					15.15	31.07	35.54		71.94
10	37.34	16.27	12.32					13.22	34.27	31.63		65.33
	(55.62)	(24.64)	(13.17)					(22.64)	(36.37)	(31.35)		(63.43)
11	34.32	16.26	13.22					13.21	42.03	41.57		60.74
12	32.33	13.24	23.81					12.43	31.13	61.03		58.27
13	33.01	15.75	33.31					12.02	33.32	75.02		53.48
14	26.38	15.47	33.73					11.55	31.20	38.67		50.43
15	24.24	15.17	21.50					11.21	26.37	26.46		47.17
	(33.38)	(15.23)	(24.55)					(12.37)	(33.34)	(53.28)		(54.34)
16	25.55	15.06	17.05					19.74	26.33	22.24		45.27
17	24.65	16.07	13.40					12.57	212.01	31.43		43.76
18	23.72	17.75	12.21				13.25	13.25	23.13	35.31		42.25
19	23.25	17.33	12.31				15.42	11.32	84.12	22.57		37.31
20	24.03	15.34	11.84				17.27	11.31	50.42	47.63		37.43
	(24.42)	(17.23)	(13.53)				(9.47)	(12.04)	(23.06)	(53.26)		(41.35)
21	23.45	14.65	11.45					17.06	31.11	32.67		35.13
22	24.56	13.25	11.05					22.07	27.12	33.22		33.60
23	25.45	13.51	10.56					49.25	23.31	35.13		32.23
24	24.22	13.33	11.46					27.78	24.85	154.33		31.05
25	24.52	15.32	11.01					44.70	27.26	125.21		22.45
	(25.11)	(14.15)	(11.12)					(32.57)	(22.77)	(77.57)		(32.41)
26	22.65	16.25	18.73					58.22	20.35	52.55		26.95
27	21.44	13.22	10.54					33.14	13.04	32.68		26.43
28	20.26	13.71	10.33					22.07	15.34	32.15		27.65
29	17.12		10.24					17.33	17.35	22.25		25.76
30	16.37		2.28					16.04	18.10	23.13		23.45
31	17.77		10.52					15.35	16.27	27.67		25.45
	(17.27)	(13.06)	(10.35)					(26.27)	(17.75)	(37.43)		(27.43)
Total	1032.50	474.37	447.26									
Mean	33.31	17.67	14.47				34.02	25.47	1506.75	1276.14		2150.72
Max.	74.55	36.42	33.31				12.37	13.25	50.27	41.58		67.38
Min.	17.77	13.33	2.26				65.22	34.45	212.01	92.57		224.63
							10.24	13.61	17.61			25.45
Max.				35 day	25 day	185 day	275 day	375 day	Min.	Mean	Total	
				274.53	47.41	26.25	14.33			21.47	7843.55	

Daily Discharge Diagram

--- Annual Mean Discharge 21.47 m<sup>3</sup>/s

1979



Daily Discharge Table

(C. A. = 1380.0 km) (Unit: m<sup>3</sup>/s)

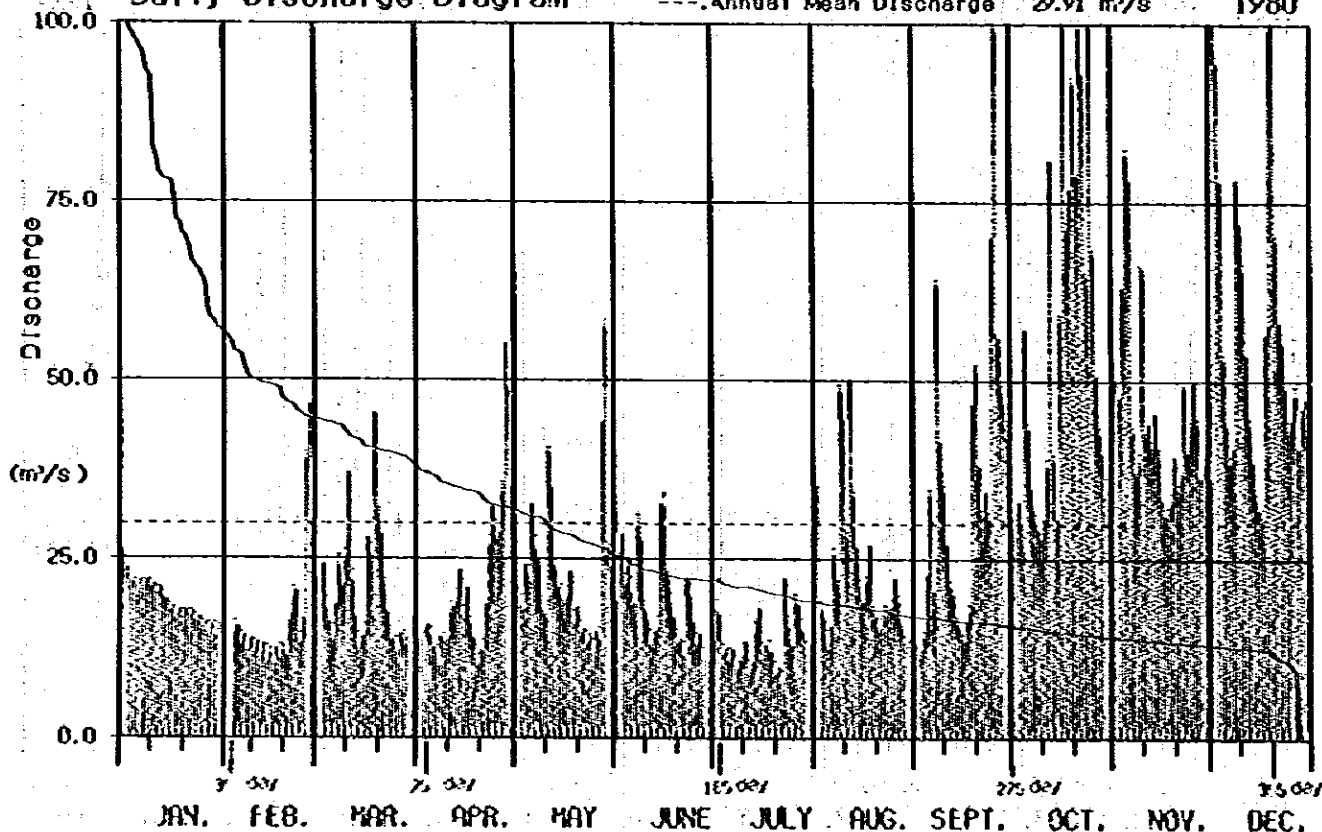
1980

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	25.33		22.34	15.53	27.41	12.11	13.43	37.23	13.23	35.82	53.87	35.63
2	25.33		15.52	13.52	21.10	25.72	12.43	35.34	12.75	33.77	42.90	157.54
3	23.32		24.22	14.35	20.05	26.41	12.24	12.22	12.34	31.59	42.45	25.57
4	22.63		17.73	15.75	24.23	23.36	13.22	13.42	14.25	31.10	53.15	77.93
5	22.12	14.40	15.23	15.41	24.20	26.16	12.55	15.23	22.22	27.22	62.45	53.67
6	(24.05)	(3.28)	(17.82)	(14.22)	(23.40)	(24.33)	(19.20)	(24.87)	(15.22)	(35.55)	(52.77)	(63.15)
7	22.05	16.47	15.55	12.74	32.55	22.55	12.52	15.55	34.72	41.16	76.21	43.75
8	22.05	14.53	16.55	12.82	26.55	18.77	12.43	23.53	20.55	34.23	43.55	32.51
9	22.05	14.36	25.51	13.76	25.05	31.12	11.50	22.25	34.23	31.46	32.26	43.40
10	22.05	14.14	21.12	14.55	12.82	27.55	10.26	42.38	41.47	22.37	32.25	78.07
11	22.01	13.61	25.31	13.74	17.55	12.21	13.25	44.53	3.47	28.84	45.73	72.12
12	(22.04)	(14.53)	(21.42)	(13.55)	(24.55)	(23.84)	(12.17)	(31.57)	(32.31)	(33.77)	(52.77)	(54.61)
13	21.43	13.71	37.04	16.82	40.54	15.46	13.45	28.26	27.02	35.77	42.21	56.50
14	21.12	13.45	23.50	18.20	34.24	15.16	10.22	50.32	22.11	34.94	41.26	63.42
15	21.12	13.25	15.63	20.81	25.12	14.53	10.25	34.54	20.02	60.64	41.23	44.77
16	20.40	13.14	14.14	23.44	21.01	12.52	15.28	25.73	17.03	37.74	45.42	38.52
17	20.28	12.33	14.28	18.50	21.42	12.42	18.10	22.31	15.43	32.72	40.52	34.22
18	(20.57)	(13.53)	(21.21)	(12.22)	(28.55)	(12.23)	(13.21)	(32.52)	(20.22)	(41.22)	(42.22)	(42.22)
19	18.50	12.45	15.03	20.84	12.20	34.20	13.42	16.22	14.55	52.25	33.42	32.00
20	18.42	12.42	22.24	15.22	21.22	23.32	13.02	22.52	15.13	126.22	32.12	32.12
21	18.13	12.54	22.13	14.00	23.11	20.33	13.22	25.82	18.45	18.35	32.42	55.52
22	17.22	13.06	45.26	12.23	12.22	15.54	11.22	18.52	45.21	75.26	34.32	205.42
23	17.07	13.10	32.12	12.34	18.25	15.24	10.22	14.26	52.22	22.55	32.43	114.16
24	(16.27)	(12.25)	(22.22)	(15.41)	(12.20)	(22.00)	(12.43)	(20.80)	(22.45)	(55.55)	(34.38)	(68.22)
25	17.07	13.50	28.45	13.52	15.44	13.25	2.21	15.82	38.11	26.85	3.53	70.38
26	17.07	15.31	22.12	18.55	15.15	13.55	2.42	12.22	31.25	11.42	12.14	55.22
27	17.78	21.11	12.36	28.25	14.22	22.44	22.24	18.53	34.42	23.34	42.23	55.85
28	17.22	23.47	15.55	32.32	14.34	21.44	17.12	18.12	31.35	25.33	40.14	42.00
29	15.22	14.61	14.35	35.44	13.65	15.20	12.22	12.32	70.00	112.02	44.34	41.42
30	(17.55)	(12.24)	(12.45)	(24.55)	(15.01)	(12.50)	(14.31)	(18.02)	(41.21)	(23.50)	(41.42)	(55.78)
31	15.32	15.45	14.10	28.74	14.82	14.25	20.02	22.24	123.25	45.42	42.23	44.55
1	15.23	32.24	14.50	3.77	15.40	14.52	18.52	20.01	55.01	50.25	41.52	42.22
2	15.18	45.34	14.82	55.10	44.02	12.42	15.63	15.63	42.45	43.55	32.43	40.32
3	15.18	22.44	14.02	48.25	55.42	12.45	13.84	14.31	42.00	32.68	32.22	45.05
4	15.18		13.18	8.04	22.28	12.35	13.42	13.33	41.35	35.55	40.21	42.41
5	(15.20)	(33.23)	(14.52)	(40.22)	(33.52)	(13.42)	(15.31)	(14.21)	(55.48)	(45.81)	(42.10)	(45.07)
Total	502.24	438.42	547.01	545.71	741.55	501.54	432.42	740.25	1045.25	1251.24	1347.22	1218.38
Mean	12.45	15.12	20.82	21.55	23.22	20.05	14.11	23.88	34.88	55.42	45.60	51.88
Max.	25.33	45.34	45.28	55.10	55.42	34.20	22.24	50.32	123.25	126.25	52.44	205.42
Min.	15.02		13.18	12.34	13.65	12.45	2.42	13.23	12.34	26.84	32.12	32.00
Max.			5.00%	7.00%	10.00%	15.00%	25.00%	35.00%	Min.	Mean	Total	
			204.42	55.10	37.04	22.01	15.45	11.22		27.21		10745.22

Daily Discharge Diagram

--- Annual Mean Discharge 29.91 m<sup>3</sup>/s

1980



Daily Discharge Table

(C. A. = 1380.0 km) (Unit. m<sup>3</sup>/s)

1981

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	35.23	18.72	44.57	12.05	15.11				8.97			22.75
2	34.04	21.63	24.97	15.79	15.00				7.61			21.65
3	31.47	23.45	17.57	15.17	17.74				21.25	11.27		23.91
4	27.71	23.25	15.43	18.59	20.72				22.67	11.38		26.78
5	27.45	17.37	15.41	15.12	17.11				25.81			21.65
6	( 32.32 )	( 21.72 )	( 24.21 )	( 15.72 )	( 17.76 )				( 17.70 )	( 4.53 )		( 23.47 )
7	39.06	16.17	14.24	17.57	17.42				16.41			21.78
8	127.45	17.37	13.45	15.63	45.25				14.73			20.83
9	64.77	15.64	13.41	20.37					22.72			
10	47.52	15.37	13.55	25.51					24.18			
11	( 47.64 )	( 17.07 )	( 13.77 )	( 22.13 )	( 12.67 )		12.23		( 19.17 )			
12	38.92	15.22	13.34	25.67			( 2.57 )		( 21.25 )			( 6.52 )
13	33.62	15.68	13.31	30.35			32.27		15.54			
14	31.15	15.55	13.31	25.03			24.62		21.72			
15	27.53	15.43	13.31	23.10			12.57		24.44			
16	28.23	15.40	13.22	21.88			12.71		31.32			
17	( 32.34 )	( 15.42 )	( 13.44 )	( 25.47 )			15.15		30.37			
18	26.07	15.23	13.13	17.03			( 22.31 )		( 24.74 )			
19	27.56	15.21	12.37	15.35			14.24	2.76	25.47			
20	25.75	15.11	11.62	15.47			13.60	2.70	32.97			
21	24.63	15.03	11.54	32.30				2.71	33.63			51.22
22	( 23.74 )	( 14.47 )	( 11.37 )	( 22.18 )				2.70	25.08			35.05
23	( 24.04 )	( 15.28 )	( 12.04 )	( 20.65 )				2.71	26.51			27.65
24	22.27	13.54	11.33	17.77				( 2.72 )	( 27.52 )			( 23.51 )
25	21.37	13.12	12.31	53.76				10.00	17.54			25.23
26	20.37	13.24	11.55	47.38				12.35	15.65			23.76
27	17.47	13.31	11.25	27.38				15.43	16.24			21.52
28	12.06	13.21	11.25	20.21				13.24	15.24			12.92
29	( 20.47 )	( 13.45 )	( 11.52 )	( 33.35 )				12.15	14.70			16.61
30	18.57	47.21	10.45	16.04				( 12.43 )	( 15.06 )		28.77	( 22.03 )
31	16.01	28.91	10.35	15.20				11.45	14.20		27.44	16.51
1	17.35	41.57	10.74	15.35				11.56	13.41		25.11	16.52
2	15.76		11.27	15.47				10.52	13.31		24.48	17.41
3	15.57		10.67	15.47				7.74	12.42		23.17	17.23
4	15.42		11.22					9.23	11.62		22.54	17.13
5	( 17.33 )	( 38.71 )	( 15.70 )	( 15.50 )				6.62			22.60	15.26
6								( 10.22 )	( 13.01 )		( 23.64 )	( 17.35 )
Total	777.20	533.65	413.73	573.52	151.25		152.41	173.27	502.77	22.57	175.41	471.64
Mean	32.23	17.07	14.22	22.45	4.74		4.72	5.52	20.10	0.73	5.55	15.87
Max.	127.45	47.21	45.57	53.76	45.25		32.27	15.53	33.63	11.38	28.77	51.22
Min.	15.42	13.12	10.35	12.05					8.97			

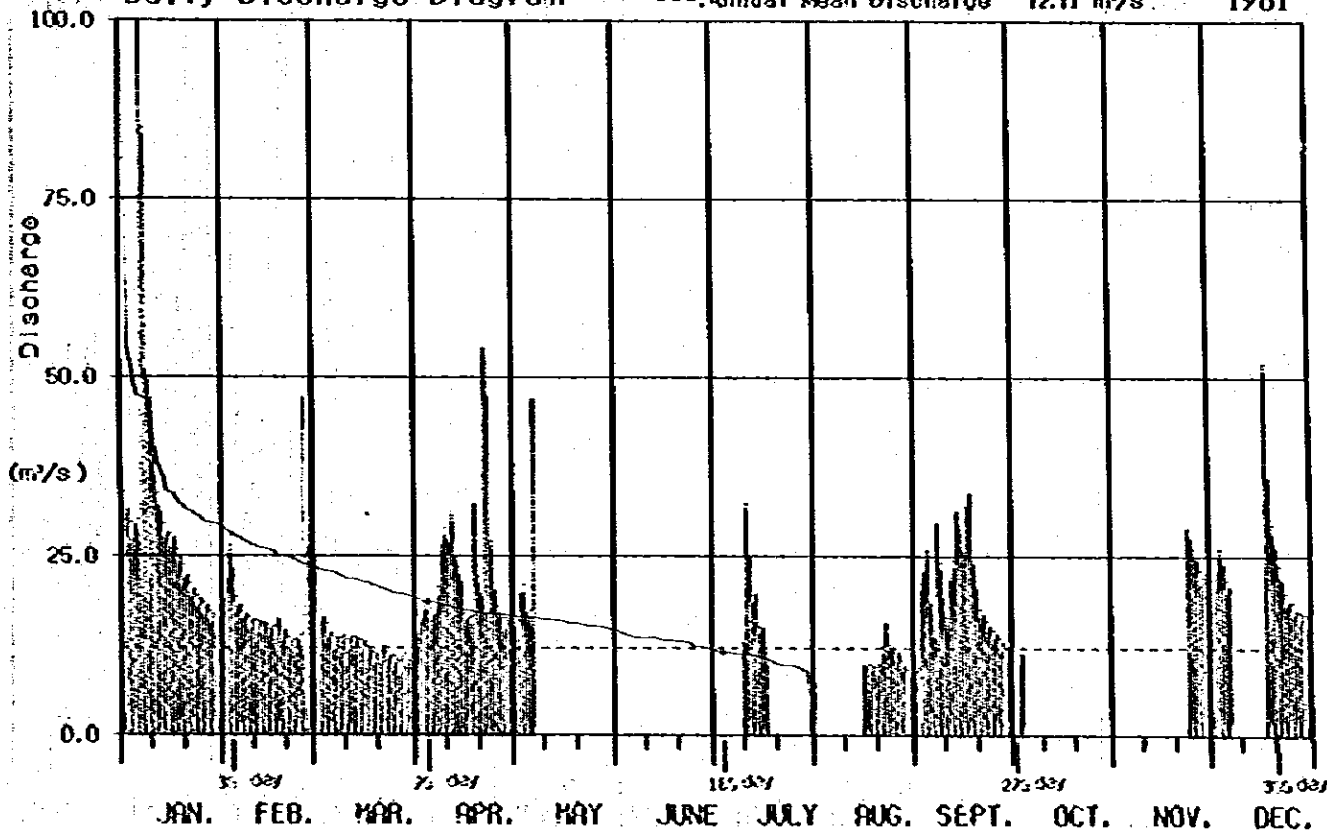
Max. 127.45 28.07 45.57 53.76 45.25 32.27 15.53 33.63 11.38 28.77 51.22  
 Mean 32.23 17.07 14.22 22.45 4.74 4.72 5.52 20.10 0.73 5.55 15.87  
 Total 777.20 533.65 413.73 573.52 151.25 152.41 173.27 502.77 22.57 175.41 471.64

Daily Discharge Diagram

--- Annual Mean Discharge

12.11 m<sup>3</sup>/s

1981





KUALA TAHAN

Daily Discharge Table

(C. A. = 3220.0 km) (Unit:m<sup>3</sup>/s)

1972

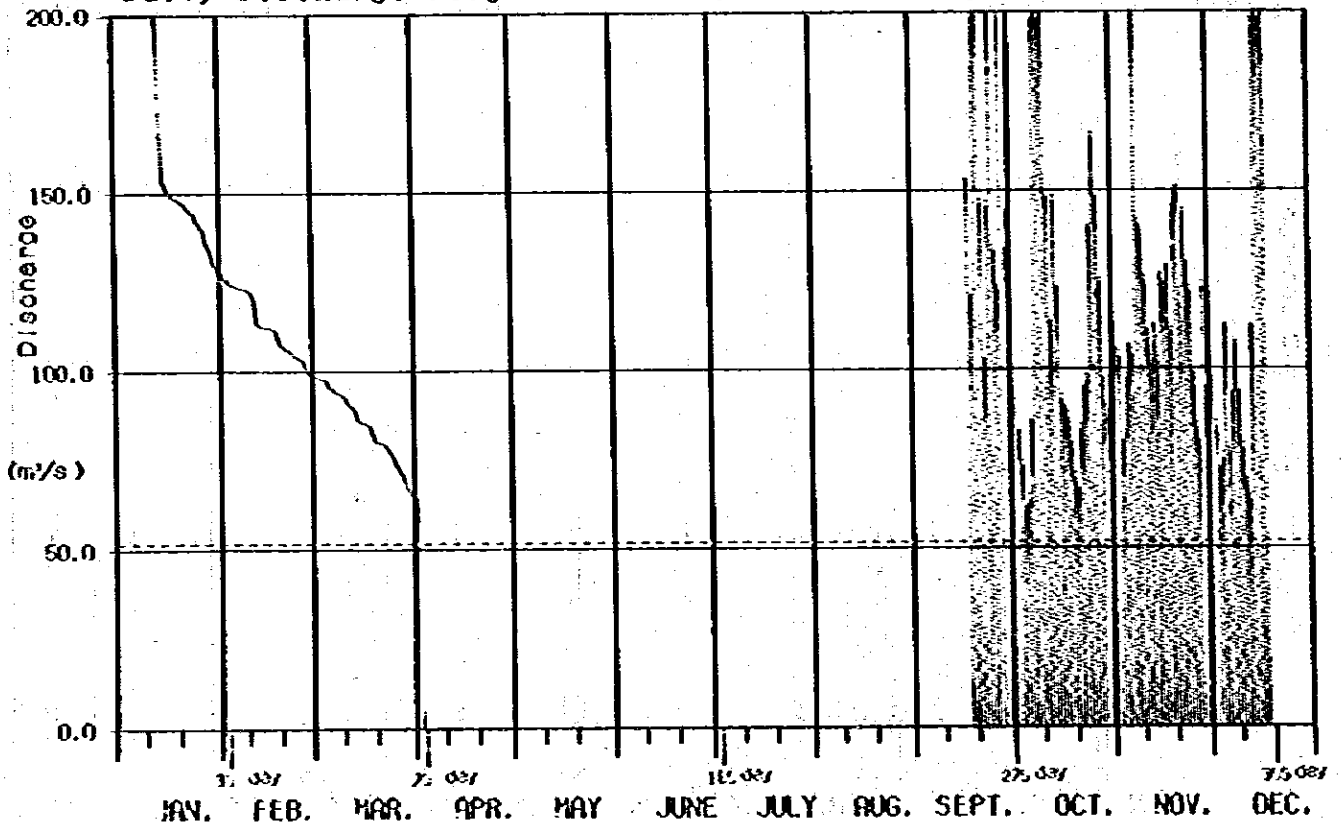
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1										122.12	112.41	101.35
2										22.12	105.25	27.27
3										83.32	106.20	65.83
4										74.67	67.81	72.60
5										51.92	76.76	74.77
6										( 61.67)	(100.43)	( 67.01)
7										65.35	107.15	112.70
8										65.91	106.91	77.65
9										237.66	211.50	71.01
10										215.07	142.21	137.74
11										321.27	132.53	23.66
12										(122.31)	(141.26)	( 22.24)
13										235.24	124.33	72.55
14										150.13	111.32	52.74
15										113.76	104.07	55.13
16										145.74	112.64	112.34
17										123.26	101.35	106.24
18										(154.55)	(111.65)	(205.55)
19										23.35	127.34	1515.76
20										20.14	124.47	2655.77
21										161.30	122.38	2624.37
22										120.23	77.65	311.72
23										422.15	71.47	145.17
24										(132.26)	( 64.63)	(122.63)
25										122.63	52.23	151.34
26										147.67	64.24	123.12
27										101.22	25.50	144.67
28										147.16	76.55	131.25
29										235.00	140.76	123.50
30										(146.31)	( 22.35)	(134.61)
31										136.17	144.15	72.41
Total										222.60	3640.62	5741.75
Mean										75.77	123.20	116.62
Max.										422.15	321.27	211.50
Min.										51.22	60.25	
Total												16202.53

Max. 422.15 321.27 211.50 165.02 275.02 315.02 Min. 51.22 60.25 Total 16202.53

Daily Discharge Diagram

--- Annual Mean Discharge 51.67 m<sup>3</sup>/s

1972



KUALA TAHAN

Daily Discharge Table

(C. A. = 3220.0 km<sup>2</sup>) (Unit. m<sup>3</sup>/s)

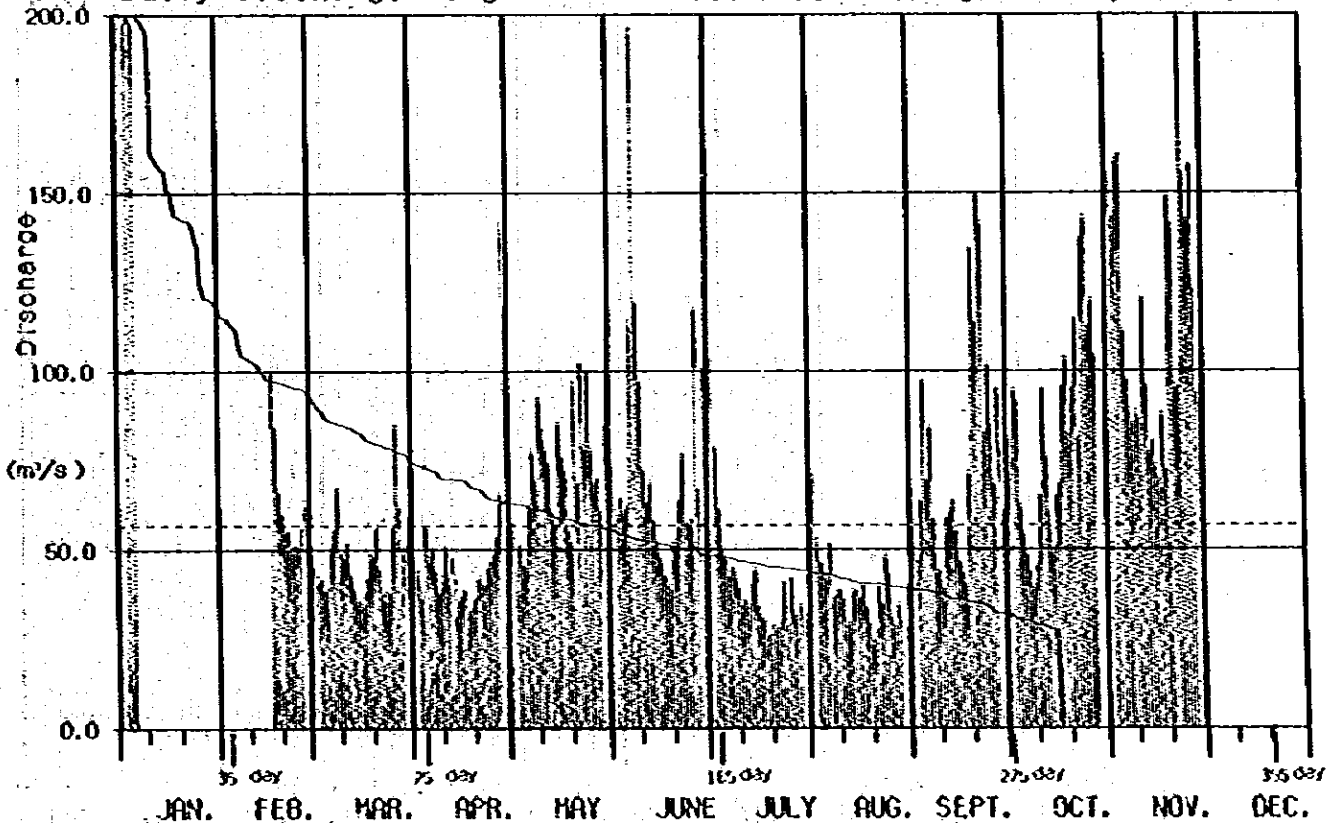
1973

day	JAN.	FEB.	MAR.	APR.	MAY.	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	244.35		48.51	51.44	77.17	73.33	255.26	62.62	45.72	62.60		
2	222.97		45.14	44.12	57.51	76.32	193.71	72.32	55.58	60.43	156.60	
3	235.77		42.79	41.53	44.92	61.54	60.15	53.32	48.12	95.15	143.50	
4	318.45		41.61	36.49	52.52	64.31	61.33	47.78	63.53	21.63	159.47	
5	261.17		40.43	53.20	45.72	61.06	51.12	45.97	97.10	62.67	181.03	
6	(255.34)		(43.70)	(47.34)	(55.55)	(67.74)	(110.33)	(55.43)	(62.62)	(60.02)	(124.12)	
7	307.52		32.42	46.22	47.51	62.50	47.30	43.25	52.33	54.16	112.14	
8			50.53	50.03	42.66	114.35	44.05	51.47	64.21	60.00	27.43	
9			55.61	45.32	76.42	125.34	45.01	38.13	58.53	41.93	67.62	
10			47.34	36.01	62.51	120.11	43.63	36.55	44.42	40.24	65.72	
11	(51.52)		42.21	42.67	22.70	27.35	32.05	32.68	44.02	43.06	62.24	
12			(52.46)	(44.72)	(70.22)	(116.13)	(43.65)	(42.25)	(60.24)	(45.66)	(74.65)	
13			42.64	50.52	63.24	73.27	34.04	35.15	40.62	65.12	86.56	
14			52.01	43.12	72.36	43.25	35.22	31.25	55.77	25.02	120.30	
15			41.63	42.22	74.40	67.21	35.23	22.64	61.60	76.27	26.33	
16			32.51	43.36	62.26	55.33	40.45	32.05	63.64	60.61	72.61	
17			37.53	35.24	56.73	54.15	44.72	36.43	56.63	42.22	63.63	
18			(44.70)	(44.22)	(71.46)	(63.74)	(36.62)	(34.74)	(55.35)	(62.76)	(92.26)	
19			36.24	36.55	65.65	47.66	34.20	37.20	45.30	55.01	74.12	
20		92.20	35.61	36.51	75.21	44.32	31.72	32.25	45.03	52.45	62.22	
21		64.13	41.24	34.52	73.74	42.44	30.13	35.02	40.24	26.62	68.15	
22		42.47	46.55	33.24	55.02	40.36	22.51	22.22	21.23	103.62	72.52	
23		52.65	48.21	32.55	63.25	52.11	26.52	24.65	134.52	62.32	142.62	
24		(62.13)	(42.30)	(36.64)	(65.62)	(52.41)	(32.44)	(33.62)	(62.61)	(62.22)	(70.21)	
25		54.63	52.02	41.55	22.51	52.23	26.63	22.52	115.11	26.62	141.45	
26		56.11	44.23	42.61	32.74	34.02	26.11	40.42	150.36	114.20	25.61	
27		52.71	32.32	40.32	102.22	75.65	31.13	34.62	142.16	62.24	25.51	
28		51.25	36.51	45.65	22.40	52.40	40.22	46.32	62.20	132.23	253.52	
29		52.72	32.55	45.62	22.26	55.43	30.45	43.02	102.65	143.62	156.64	
30		(53.23)	(43.61)	(43.51)	(62.76)	(61.62)	(31.20)	(36.62)	(116.61)	(115.12)	(150.65)	
31		54.12	52.06	50.12	26.45	55.55	41.22	31.23	65.05	112.52	142.24	
1		43.22	64.42	63.45	45.62	112.21	33.02	26.52	42.24	120.35	152.22	
2		56.58	42.52	44.24	21.54	45.24	31.62	35.13	25.02	104.65	123.26	
3			50.62	142.10	40.26	101.60	34.42	22.22	22.55		23.24	
4			52.23	116.53	65.25	124.15	32.00	30.06	50.22		254.06	
5			52.21	132.32	132.32		32.00	40.24				
6			(55.45)	(51.96)	(64.22)	(72.33)	(102.65)	(34.12)	(32.54)	(76.02)	(56.22)	(154.42)
Total	1552.34	755.35	1501.42	1515.02	2255.55	2323.20	1450.25	1225.25	2216.45	2313.25	3535.42	
Mean	51.22	25.26	46.43	50.50	72.26	72.45	42.72	32.52	73.25	74.62	112.66	
Max.	318.45	92.20	64.42	142.10	132.42	124.15	255.26	22.32	150.36	143.62	253.52	
Min.		35.25	35.25	44.22		40.36	22.51	24.65	40.25			
			Max.	75 day	75 day	165 day	225 day	336 day	Min.	Mean		Total
			318.45	114.35	73.22	46.12	31.25		55.24		20215.51	

Daily Discharge Diagram

--- Annual Mean Discharge 55.26 m<sup>3</sup>/s

1973



Daily Discharge Table

(G. A. = 3220.0 km) (Unit: m<sup>3</sup>/s)

1974

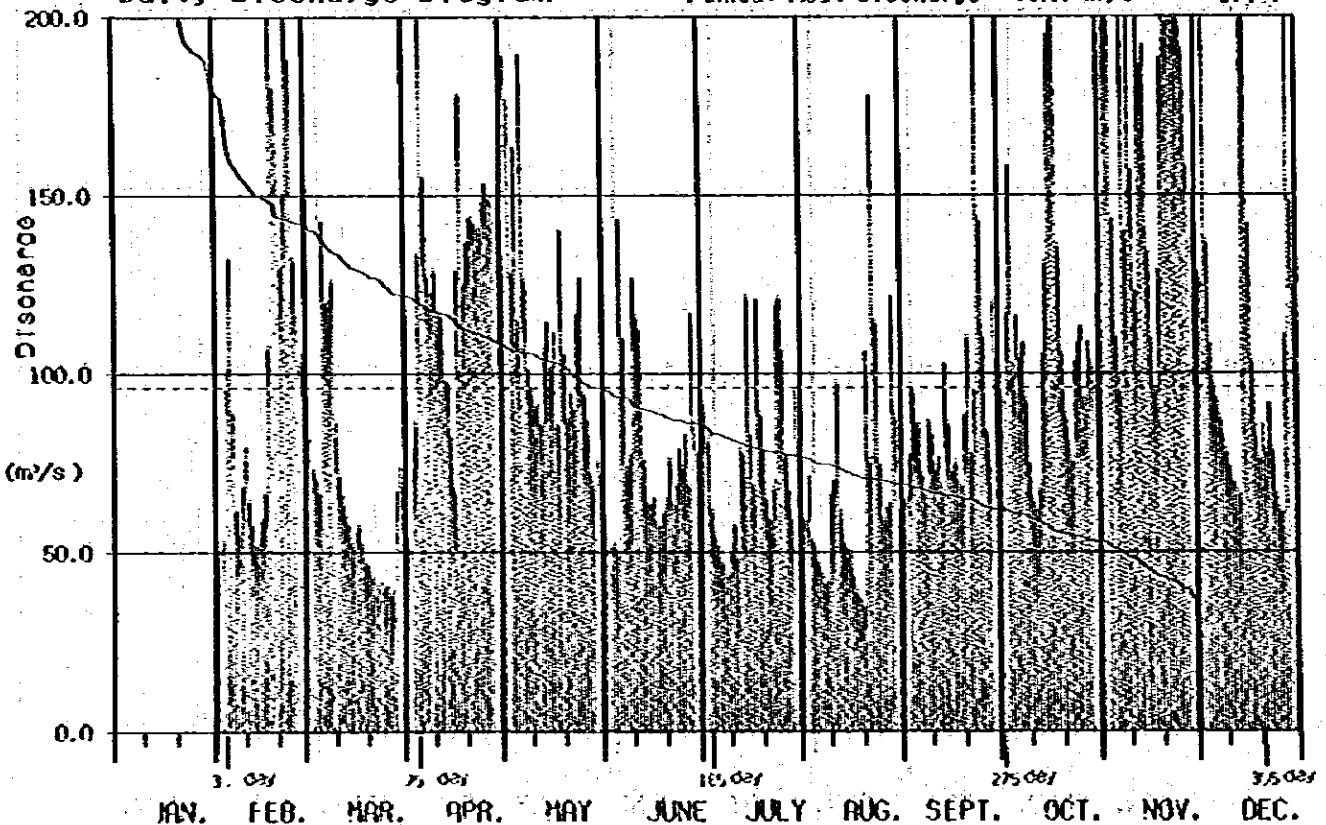
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1		51.17	73.43	54.37	131.23	69.57	73.16	67.07	64.46	102.43	141.76	140.14
2		51.51	61.95	53.07	170.06	55.42	70.02	60.55	65.30	93.56	324.13	126.07
3		55.23	72.15	72.65	177.01	53.68	61.97	71.37	78.35	117.67	271.95	200.01
4		100.93	70.52	65.07	127.45	62.91	62.07	54.71	74.12	158.22	214.63	137.74
5		133.47	97.67	134.01	151.74	51.34	55.61	62.67	67.15	104.45	143.33	106.46
		(77.25)	(77.63)	(61.44)	(155.70)	(54.50)	(75.61)	(61.70)	(76.25)	(115.25)	(219.24)	(142.67)
6		67.11	142.73	205.25	115.37	143.33	51.73	46.66	65.94	116.52	111.12	97.24
7		61.42	121.53	155.29	162.60	111.12	46.23	44.47	73.56	105.53	77.03	73.44
8		55.63	120.75	126.37	125.23	74.72	45.64	42.23	65.64	106.70	216.26	66.62
9		62.76	125.36	122.67	131.24	77.17	45.42	41.21	65.22	73.37	140.12	63.04
10		63.76	65.31	127.65	25.35	125.72	50.51	67.61	63.07	74.67	236.72	77.10
		(71.72)	(117.55)	(146.27)	(125.24)	(105.51)	(46.51)	(47.20)	(77.07)	(77.65)	(161.45)	(68.27)
11		65.52	72.46	117.55	20.24	113.62	52.23	70.05	74.65	45.91	157.36	73.65
12		57.46	65.07	117.72	75.20	112.26	46.17	26.35	75.66	62.37	124.27	70.37
13		64.22	61.77	112.63	65.76	77.00	72.23	61.23	71.16	65.60	337.16	67.67
14		55.03	65.00	76.63	107.17	63.21	77.32	53.72	132.60	105.65	167.64	67.11
15		59.37	54.43	62.31	114.57	34.54	122.13	51.12	65.33	131.55	122.32	224.46
		(55.57)	(62.54)	(105.55)	(76.34)	(65.21)	(77.15)	(67.34)	(62.46)	(65.67)	(177.73)	(100.75)
16		65.64	55.41	65.75	102.66	65.22	62.67	50.37	72.45	175.17	135.37	233.03
17		107.64	58.56	126.64	111.77	57.50	67.77	43.10	75.07	272.00	119.33	142.06
18		452.17	52.33	172.27	67.45	57.53	120.70	37.37	62.62	217.36	75.24	104.03
19		162.07	45.45	125.55	140.22	61.77	67.62	37.44	70.61	135.45	122.23	65.57
20		171.32	45.33	136.75	135.50	65.45	78.33	35.41	66.33	105.15	127.45	77.74
		(175.01)	(52.24)	(126.25)	(107.61)	(41.20)	(68.25)	(41.26)	(75.55)	(165.64)	(132.13)	(126.47)
21		131.07	44.55	143.55	67.31	75.12	65.37	106.37	110.75	67.42	200.62	65.22
22		152.35	43.34	144.01	75.02	64.51	67.21	75.45	77.65	61.20	371.76	76.35
23		235.77	42.57	142.12	67.64	70.26	65.25	177.22	77.33	77.35	255.35	71.41
24		166.26	42.03	142.32	117.72	76.65	117.32	115.11	202.31	105.52	237.37	77.53
25		132.74	41.51	145.20	125.61	74.44	121.77	74.47	143.67	169.63	257.63	55.63
		(155.20)	(42.62)	(144.05)	(103.50)	(72.62)	(65.76)	(110.07)	(125.31)	(72.17)	(265.63)	(60.43)
26		119.33	40.74	151.26	75.06	63.34	105.46	60.55	110.00	113.17	260.75	62.70
27		105.11	32.57	146.77	65.27	70.15	77.23	62.53	64.72	75.15	171.56	61.05
28		105.21	32.63	147.71	73.30	117.01	67.05	64.57	63.51	109.06	157.65	111.67
29			66.31	147.51	65.22	64.30	60.63	121.73	122.32	105.73	142.22	106.26
30			74.57	153.16	76.65	77.67	73.25	70.53	104.05	103.23	150.77	147.30
31			67.24	71.53			60.61	61.61		122.31		124.36
		(110.12)	(55.43)	(150.67)	(76.71)	(65.60)	(61.57)	(75.27)	(103.32)	(106.11)	(165.47)	(152.62)
Total		3172.57	2107.23	3722.92	3456.24	2345.61	2375.27	2106.37	2710.01	3563.52	5606.31	3519.23
Mean		114.27	67.26	125.43	111.45	76.23	75.66	66.01	70.33	114.63	193.61	115.77
Max.		452.17	142.73	205.25	170.06	143.33	122.13	177.22	202.01	272.00	371.76	435.76
Min.		53.17	37.57	53.07	35.92	51.04	45.42	35.41	44.46	42.37	25.24	41.05

Max. 35 day 75 day 165 day 275 day 375 day Min. Mean Total 452.17 171.32 120.70 63.07 61.77 75.11 3576.65

Daily Discharge Diagram

--- Annual Mean Discharge 96.11 m<sup>3</sup>/s

1974



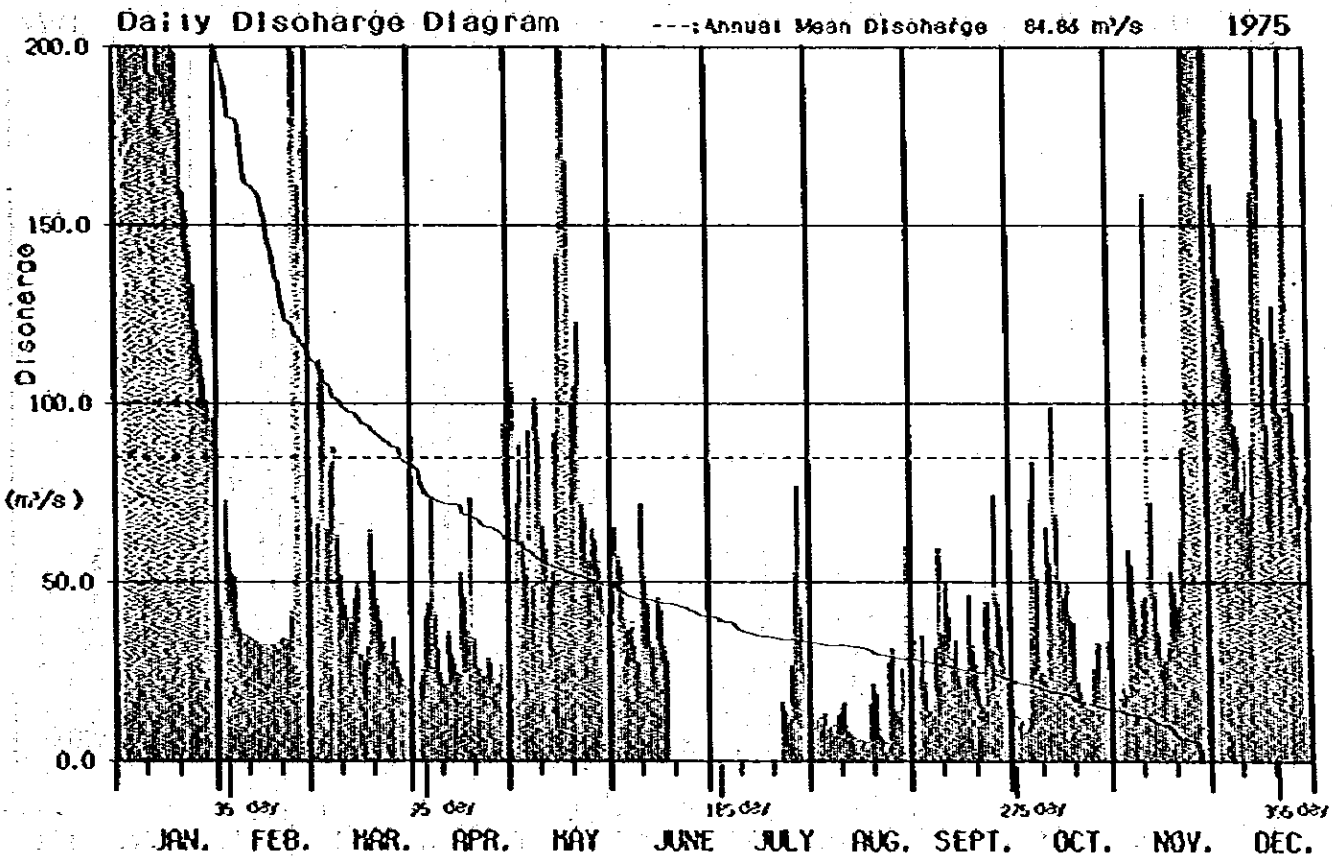
Daily Discharge Table

(C. A. = 3220.0 km) (Unit: m<sup>3</sup>/s)

1975

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	168.20	43.56	62.03	16.72	71.76	42.01		15.26	25.64	12.82	26.85	276.74
2	265.27	43.01	60.44	16.44	105.65	65.40		13.14	33.93	14.68	14.26	205.63
3	404.10	72.40	68.00	22.04	72.07	57.30		12.25	25.21	12.33	17.64	161.68
4	253.05	58.13	112.15	25.47	69.22	54.45		12.15	34.87	11.46	21.45	159.66
5	377.17	53.63	111.04	40.53	61.54	32.55		13.16	22.02	10.37	16.42	135.28
	(292.75)	(54.23)	(84.14)	(25.05)	(60.05)	(53.15)		(13.20)	(28.55)	(13.75)	(21.13)	(164.64)
6	412.67	51.34	54.70	41.04	53.93	35.64		10.57	14.15	12.38	58.77	123.31
7	335.69	36.87	82.22	73.83	92.47	36.64		9.21	15.48	72.95	54.76	115.31
8	236.54	39.54	67.60	41.63	47.15	31.95		10.14	31.54	63.97	44.50	119.13
9	315.57	35.07	63.21	31.44	101.34	22.32		12.95	59.21	51.02	34.70	93.93
10	324.12	34.55	51.64	24.59	20.41	71.70		14.73	35.46	24.60	44.92	90.64
	(334.62)	(32.06)	(62.95)	(43.13)	(77.43)	(41.62)		(11.55)	(31.12)	(46.95)	(47.57)	(106.70)
11	272.54	34.06	45.37	21.55	65.55	51.72		15.14	59.21	24.12	45.11	75.35
12	275.74	33.52	40.16	35.06	60.25	43.25		2.23	43.44	65.33	155.42	65.52
13	122.16	33.12	40.12	22.63	42.30	33.42		7.77	26.65	56.42	72.22	65.82
14	247.53	32.42	45.33	26.62	54.32	31.88		5.63	33.71	96.69	47.35	68.00
15	450.31	32.40	42.68	24.71	21.62	45.44		3.05	25.52	68.97	35.93	152.47
	(265.06)	(33.14)	(44.12)	(28.15)	(44.41)	(41.33)		(2.31)	(32.71)	(62.75)	(72.02)	(95.45)
16	270.41	32.40	22.82	52.22	141.73	42.03		5.22	20.76	50.42	22.01	300.60
17	335.03	32.40	22.52	45.60	250.51	32.95		5.73	24.76	47.38	26.24	163.15
18	334.96	32.40	32.20	33.34	446.52	27.25		5.32	45.25	42.92	33.14	116.62
19	293.52	32.26	34.34	73.55	155.10			15.22	32.31	40.54	52.62	24.10
20	215.06	31.01	53.15	34.36	101.51			21.30	27.10	38.77	48.32	81.16
	(277.64)	(32.64)	(41.62)	(46.48)	(224.11)	(20.41)		(10.67)	(30.24)	(45.43)	(38.33)	(155.38)
21	172.95	34.17	45.25	23.05	135.31			16.67	20.06	23.71	43.33	127.44
22	150.54	33.26	32.15	25.48	122.55			2.11	15.25	12.34	62.12	117.17
23	154.04	41.44	35.04	24.11	71.77		15.52	6.15	44.14	16.68	67.70	27.25
24	144.23	45.73	32.24	26.52	65.02		14.13	5.23	44.41	14.66	481.13	252.93
25	133.37	215.42	27.54	22.26	55.25		12.92	22.25	32.63	15.32	1124.14	172.22
	(154.45)	(175.61)	(35.61)	(25.33)	(64.70)		(8.71)	(13.43)	(31.44)	(16.13)	(373.66)	(155.34)
26	122.14	151.26	34.45	23.02	55.55		25.68	31.13	74.41	25.02	342.23	116.30
27	113.37	177.60	22.72	21.72	41.81		52.45	14.08	44.06	32.68	650.90	27.42
28	105.22	76.40	24.32	25.64	55.23		76.60	14.08	32.65	32.70	2422.63	62.66
29	100.92		22.75	21.51	48.67		43.05	25.62	26.63	25.70	1454.63	71.42
30	27.51		20.67	62.33	45.15		27.36	61.62	22.25	33.63	435.12	61.26
31	25.72		12.82	43.50	40.50		12.23	26.51	33.62	33.62		65.98
	(105.13)	(145.62)	(25.03)	(51.13)	(53.33)		(43.23)	(22.23)	(41.55)	(33.22)	(672.20)	(66.40)
Total	7322.45	2116.14	1522.75	1111.22	2221.67	762.71	262.35	452.65	923.54	1126.92	6163.20	6020.92
Mean	236.65	75.65	42.35	37.04	75.82	25.02	9.33	15.02	33.12	35.35	222.11	122.71
Max.	450.31	55.73	112.15	24.51	445.52	71.20	75.60	31.52	74.41	96.62	2422.63	300.60
Min.	25.72	32.40	12.82	18.44	40.50			5.23	14.15	10.32	17.65	65.98

Max. 2422.63 166.20 75.35 185.02 225.02 35.02 22.02 35.02 Min. Mean Total 41.65 3222.65



KUALA TAHAN

Daily Discharge Table

(C. A. = 3220.0 km<sup>2</sup>) (Unit: m<sup>3</sup>/s)

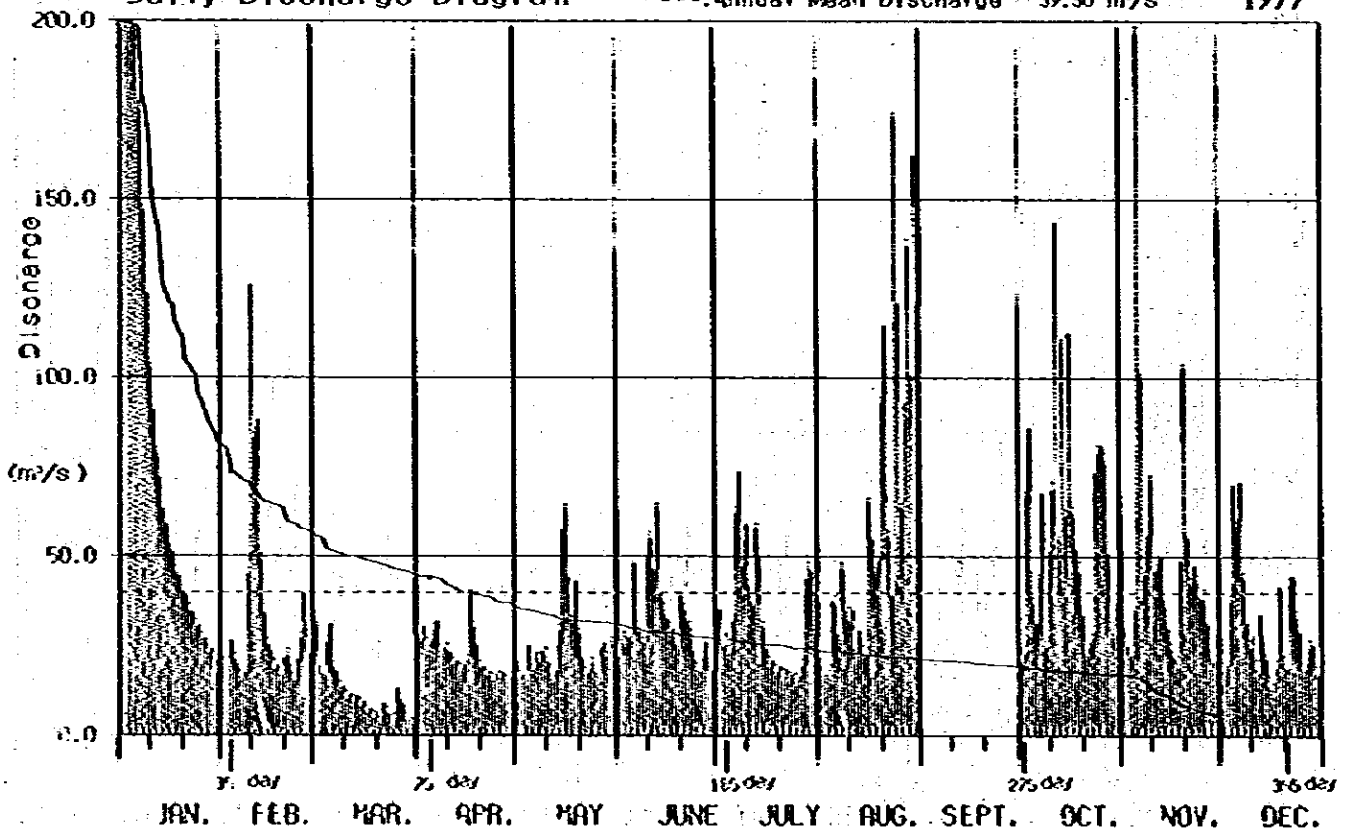
1977

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	434.35	21.45	34.45	26.07	23.57	21.55	31.67	21.45	17.62	51.20	27.45	27.45
2	437.72	21.44	31.46	26.95	17.26	24.77	35.33	16.22	22.20	32.00	20.75	20.75
3	423.63	21.70	21.21	23.32	15.44	25.45	25.34	15.75	35.22	25.00	12.45	12.45
4	252.75	22.22	15.72	27.16	16.17	27.35	26.62	17.85	65.25	25.45	37.15	37.15
5	252.71	22.63	27.33	25.35	24.66	27.55	26.30	17.26	36.50	35.07	73.14	73.14
	(355.33)	(22.67)	(25.34)	(26.35)	(17.47)	(25.64)	(27.55)	(22.67)	(47.07)	(33.75)	(35.43)	(35.43)
6	244.35	17.77	33.65	31.15	17.65	47.74	31.75	17.20	31.26	176.34	52.67	52.67
7	177.42	17.72	20.72	31.57	23.11	31.73	33.67	28.17	44.74	101.52	73.72	73.72
8	148.37	17.26	17.73	25.55	22.73	22.03	73.70	48.26	47.70	44.20	45.64	45.64
9	123.41	45.45	15.17	24.27	23.36	27.42	42.35	34.65	25.70	54.07	31.37	31.37
10	134.01	125.57	13.57	25.50	24.27	50.01	55.77	35.77	51.51	72.50	24.66	24.66
	(152.57)	(45.45)	(12.65)	(27.31)	(22.71)	(37.27)	(55.53)	(37.33)	(44.43)	(24.95)	(44.70)	(44.70)
11	70.62	64.57	12.22	23.02	20.10	58.75	43.34	34.22	70.66	45.67	26.06	26.06
12	60.55	56.35	11.36	21.35	15.35	45.31	35.67	24.35	143.43	50.23	21.47	21.47
13	71.72	56.67	11.16	20.72	17.66	54.65	59.11	27.11	57.47	42.65	33.73	33.73
14	85.10	34.03	10.67	17.76	35.63	37.75	50.20	25.33	111.02	37.73	27.64	27.64
15	52.11	27.15	10.23	17.35	57.47	35.73	32.01	22.34	33.12	22.70	24.26	24.26
	(73.47)	(55.22)	(11.20)	(21.03)	(26.52)	(46.74)	(44.37)	(27.11)	(67.24)	(41.15)	(24.46)	(24.46)
16	55.31	23.55	7.33	22.40	64.47	32.50	24.14	36.27	112.57	25.50	15.75	15.75
17	49.10	17.07	8.17	40.34	44.04	31.42	22.12	54.61	31.14	21.67	15.14	15.14
18	47.34	12.51	7.37	31.63	53.22	27.45	20.64	47.13	51.22	22.32	21.07	21.07
19	44.27	16.47	5.70	26.12	43.32	28.42	20.00	42.42	48.43	45.63	41.36	41.36
20	41.73	21.25	4.55	20.72	27.45	36.42	17.14	74.76	33.50	103.62	22.53	22.53
	(47.25)	(20.61)	(7.44)	(26.13)	(42.72)	(32.20)	(21.35)	(62.46)	(62.16)	(44.56)	(22.57)	(22.57)
21	37.43	24.01	7.06	17.12	21.61	35.21	16.70	114.57	24.14	55.24	16.77	16.77
22	35.77	17.32	6.35	16.36	16.77	31.75	16.42	57.12	25.02	44.15	41.74	41.74
23	34.36	17.47	7.72	17.76	17.42	31.62	17.77	36.20	28.45	47.47	44.23	44.23
24	32.40	20.72	5.20	17.22	21.44	23.53	17.13	174.13	73.22	44.63	34.26	34.26
25	30.53	26.35	4.00	17.12	17.42	20.24	17.26	120.71	61.22	36.20	26.67	26.67
	(34.71)	(22.02)	(7.13)	(17.22)	(17.45)	(26.52)	(17.91)	(101.16)	(45.42)	(45.22)	(34.17)	(34.17)
26	26.47	32.77	12.63	17.57	16.21	17.22	15.43	55.17	61.13	40.72	20.54	20.54
27	25.65	33.47	11.76	17.35	24.33	24.33	21.24	23.15	72.16	31.45	20.44	20.44
28	25.27	22.44	8.37	15.42	25.45	25.71	43.64	136.61	50.72	23.72	25.62	25.62
29	24.15		6.33	15.26	23.45	21.72	46.45	100.61	31.75	21.03	25.22	25.22
30	23.33		5.53	17.60	27.35	17.75	45.41	154.17	37.25	26.02	17.44	17.44
31	22.37		4.76		23.36		27.42	120.45	42.13		15.12	15.12
	(25.11)	(31.67)	(6.27)	(17.13)	(23.70)	(21.37)	(33.67)	(113.73)	(53.73)	(22.03)	(21.47)	(21.47)
Total	320.61	735.24	432.36	472.36	622.05	777.71	1345.47	1738.31	1770.47	1455.06	750.57	750.57
Mean	113.57	33.45	13.21	23.31	25.10	32.52	33.76	62.53	57.11	46.60	32.22	32.22
Max.	447.72	125.57	34.45	40.34	64.42	54.65	73.70	174.13	143.43	176.34	73.72	73.72
Min.	22.37	17.17	4.76	15.26	15.35	17.22	15.43	15.22	17.62	21.03	15.14	15.14
			Max.	3.067	7.067	165.067	275.067	325.067	Min.	Mean	Total	
			447.72	73.70	44.04	25.77	16.77		32.60		14527.47	

Daily Discharge Diagram

--- Annual Mean Discharge 39.50 m<sup>3</sup>/s

1977



KUALA TAHAN

Daily Discharge Table

(C. A. = 3220.0 km) (Unit. m<sup>3</sup>/s)

1979

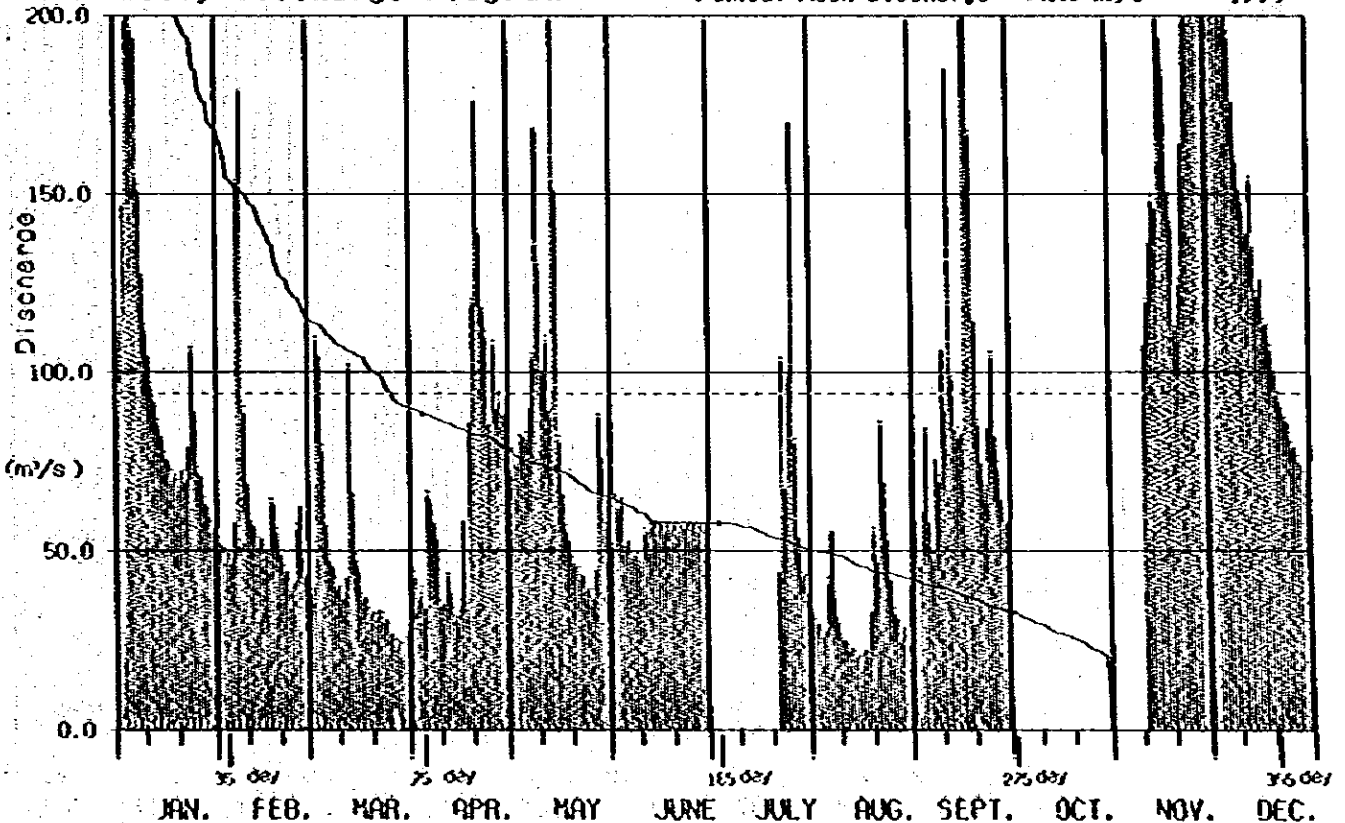
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	88.14	54.14	32.54	37.11	22.65	52.12		33.61	121.62			325.35
2	115.52	51.63	32.75	41.36	76.22	66.22		31.17	55.33			366.13
3	115.63	50.72	110.07	35.75	74.31	43.61		22.55	47.55			325.36
4	364.43	42.72	104.50	43.24	82.46	65.11		27.65	40.64			343.64
5	352.57	53.03	63.03	33.63	81.26	51.20		27.60	64.27			263.75
	(216.71)	(51.26)	(74.76)	(36.50)	(78.07)	(52.62)		(31.00)	(74.55)			(354.25)
6	222.44	57.63	57.31	65.55	63.41	52.20		42.47	55.02			273.12
7	123.64	153.20	42.22	63.30	70.17	42.22		55.41	42.52			226.01
8	153.38	178.73	45.61	50.11	105.54	46.70		36.63	75.70			175.20
9	122.71	20.73	42.63	53.37	155.46	42.52		22.66	71.43			175.61
10	113.72	68.42	40.42	35.45	130.50	47.25		26.25	103.23			160.76
	(162.14)	(102.27)	(47.06)	(55.26)	(115.62)	(42.66)		(36.72)	(72.21)			(207.32)
11	104.50	60.55	40.23	35.17	22.42	55.52		25.04	21.17		107.43	151.12
12	27.34	57.03	42.40	43.70	110.37	55.36		21.25	185.04		120.76	147.17
13	21.44	53.27	102.06	36.12	82.37	57.66		22.62	22.12		136.33	138.62
14	65.25	53.42	63.23	34.25	210.00	57.63		22.21	61.66		142.72	155.04
15	62.16	51.72	42.37	31.77	151.07	57.63		20.63	64.72		145.64	135.23
	(22.46)	(55.27)	(50.07)	(35.63)	(132.05)	(57.10)		(22.26)	(106.63)		(132.02)	(145.50)
16	76.24	50.70	43.72	35.44	82.46	57.63		20.75	62.63		233.24	233.20
17	75.23	54.32	36.40	55.35	55.21	57.63		22.27	360.62		124.01	125.16
18	72.65	62.64	37.06	35.55	57.51	57.63		21.62	453.66		164.76	115.23
19	71.20	56.53	34.32	65.22	52.64	57.63		32.67	147.23		150.46	113.55
20	70.12	46.65	33.02	120.42	46.54	57.63		55.55	114.12		142.35	107.63
	(21.53)	(55.47)	(37.11)	(67.36)	(31.45)	(57.63)		(31.65)	(255.52)		(161.01)	(117.20)
21	72.54	44.04	32.55	175.22	45.26	57.22		46.77	67.12		113.16	100.62
22	72.57	44.25	33.45	140.47	45.43	55.13	43.20	65.20	74.55		124.37	24.62
23	72.32	42.23	32.63	116.23	43.12	55.13	104.14	62.15	66.50		154.23	20.22
24	107.10	41.05	35.67	111.63	41.36	55.13	42.26	54.26	64.41		1055.70	62.64
25	57.12	22.70	22.70	85.57	32.63	55.13	100.16	41.76	105.73		622.55	65.64
	(64.10)	(45.24)	(31.62)	(125.41)	(43.12)	(55.10)	(63.10)	(52.76)	(64.07)		(470.01)	(21.60)
26	73.15	62.53	23.64	106.20	32.34	56.13	132.22	34.16	62.16		1522.62	63.75
27	70.23	42.72	25.37	62.55	44.55	55.13	61.74	33.26	75.23		2503.53	76.22
28	65.26	43.15	25.22	24.55	56.85	52.22	53.63	22.07	64.26		1762.11	76.76
29	62.40		24.35	56.12	73.22	57.63	44.12	26.22	63.71		763.63	74.21
30	65.52		24.35	22.50	55.02	57.63	43.22	24.26	57.63		510.45	72.35
31	64.25		22.33		65.46		32.24	32.24				74.20
	(64.53)	(51.62)	(24.24)	(24.75)	(62.01)	(57.92)	(71.64)	(31.15)	(65.06)		4453.22)	(74.26)
Total	3643.54	1753.13	1412.26	2076.04	2523.62	1702.01	744.53	1026.60	3217.25		11164.72	5046.07
Max.	114.31	62.61	45.56	62.23	61.41	56.73	24.06	35.44	102.25		372.63	162.64
Min.	364.43	176.73	110.07	175.22	210.00	55.22	152.22	65.20	453.66		2503.53	325.36
Min.	55.25	41.05	24.35	31.77	32.34	42.25		20.75	42.55			22.35
			Max.	35 day	25 day	165 day	275 day	356 day	Min.	Mean		Total
			2403.53	155.04	66.35	57.63	32.60		24.06	74.06		34322.24

Daily Discharge Diagram

--- Annual Mean Discharge

94.06 m<sup>3</sup>/s

1979



Daily Discharge Table

(C. A. = 3220.0 km) (Unit. m<sup>3</sup>/s)

1980

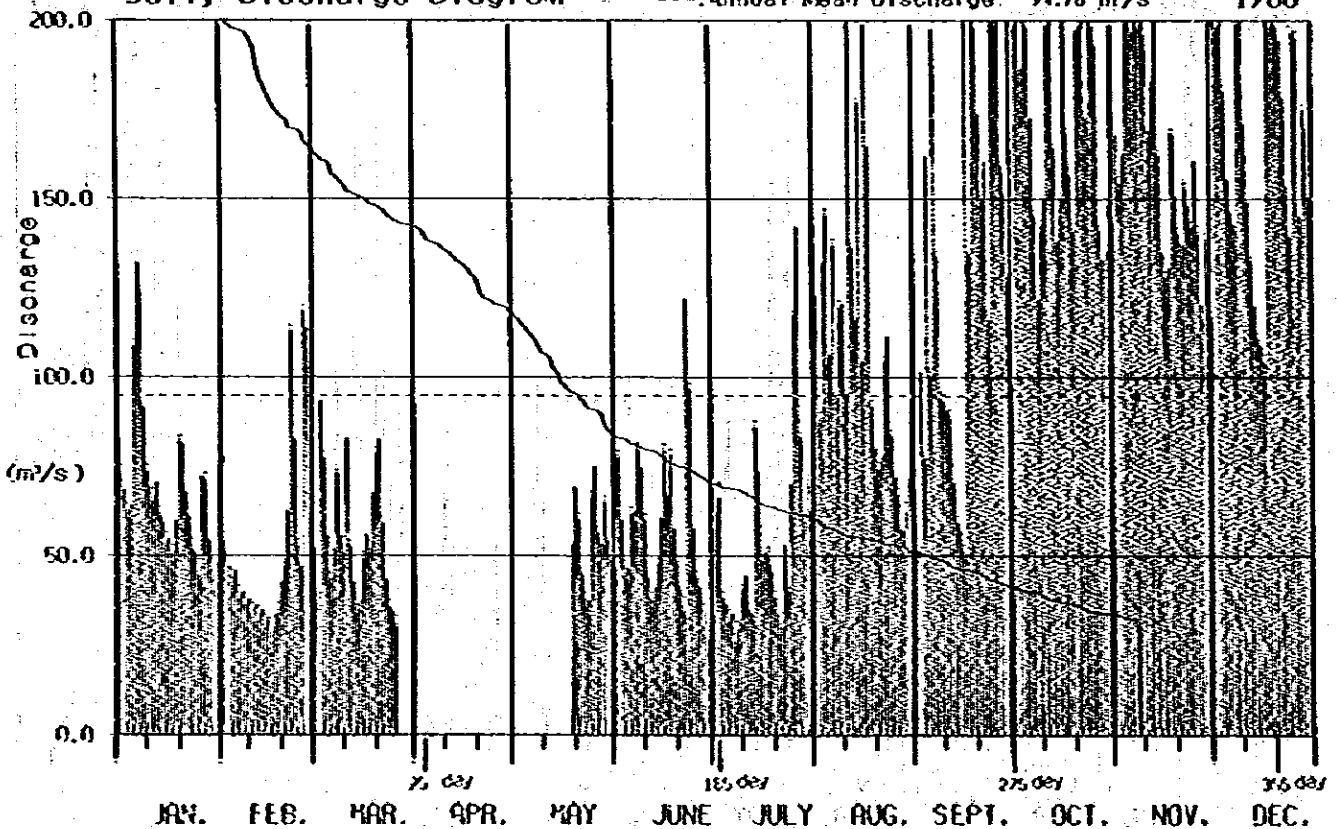
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	82.63	75.20	52.46			45.27	33.46	220.47	66.64	76.09	144.64	116.66
2	75.43	78.04	43.00			72.37	63.23	123.01	66.31	372.55	158.00	375.04
3	35.72	55.21	23.26			60.01	55.23	20.51	101.34	224.74	154.45	257.53
4	64.77	47.10	72.45			46.74	40.13	132.06	72.25	166.55	162.52	215.61
5	34.17	45.11	55.25			45.50	36.37	147.06	161.64	250.06	247.22	162.06
6	( 71.16)	( 60.53)	( 34.72)			( 55.20)	( 46.03)	( 142.63)	( 73.24)	( 245.21)	( 175.75)	( 231.45)
7	110.36	45.27	45.27			43.66	35.20	105.41	101.60	251.76	263.43	155.42
8	131.67	41.64	51.66			42.65	31.62	136.75	127.37	172.52	322.24	146.35
9	126.51	32.61	71.26			61.44	31.23	25.20	135.32	147.30	232.61	142.52
10	21.37	32.56	55.54			74.71	32.22	121.42	75.06	121.70	215.70	250.03
11	75.55	37.75	55.26			41.61	42.04	120.46	25.37	144.14	251.60	212.50
12	( 105.74)	( 40.76)	( 55.32)			( 65.65)	( 35.04)	( 115.45)	( 125.12)	( 137.62)	( 255.64)	( 161.65)
13	62.15	35.70	43.35			44.00	44.35	25.65	20.22	150.12	122.23	172.64
14	65.65	35.13	54.37			32.72	32.72	222.45	20.22	347.31	122.12	142.15
15	70.35	35.26	42.54			40.23	33.21	137.27	70.65	236.25	164.12	133.23
16	33.64	34.63	36.45			42.10	42.65	115.20	51.13	165.27	202.60	112.27
17	52.22	33.53	37.41			40.25	23.61	176.02	57.12	136.01	143.23	112.53
18	( 65.31)	( 35.45)	( 51.21)			( 45.75)	( 53.34)	( 150.22)	( 74.22)	( 206.01)	( 163.50)	( 137.62)
19	55.52	32.63	51.00			61.12	50.50	104.58	53.23	151.76	135.11	106.20
20	54.62	32.42	54.13			66.64	50.62	201.24	220.50	211.21	122.65	105.62
21	53.14	31.55	54.32			52.52	45.42	154.75	135.11	162.62	133.60	205.34
22	57.63	32.74	67.22		53.15	57.70	45.42	23.77	250.20	156.61	152.42	517.37
23	63.43	43.21	63.32		32.01	50.42	40.25	60.64	254.42	143.11	150.72	374.51
24	( 41.55)	( 35.53)	( 51.20)		( 24.43)	( 57.15)	( 47.24)	( 122.32)	( 176.23)	( 155.73)	( 143.12)	( 255.75)
25	61.20	50.17	62.50			52.05	40.76	33.22	75.34	173.74	122.26	235.11
26	70.13	32.67	31.16			45.07	36.34	34.33	77.22	151.35	236.42	137.17
27	31.15	114.74	43.35			32.23	121.74	52.22	105.53	150.40	261.24	154.36
28	54.21	62.75	37.70			37.50	26.44	41.33	111.44	112.21	174.76	146.62
29	51.02	54.72	34.44			55.01	57.71	20.06	65.36	34.62	212.42	143.22
30	( 63.70)	( 73.01)	( 51.54)		( 50.51)	( 71.47)	( 45.42)	( 21.36)	( 121.55)	( 220.62)	( 145.15)	( 163.63)
31	42.20	44.20	33.35			74.65	45.25	116.55	22.05	245.23	223.12	150.55
1	72.12	120.04				55.37	40.22	142.00	52.03	202.41	172.25	142.43
2	73.15	113.24				53.32	35.25	64.42	52.46	150.75	142.22	120.22
3	54.51	33.12				35.42	34.20	32.15	55.15	151.62	133.15	140.45
4	42.22					54.25	32.52	74.25	71.65	126.24	132.14	126.22
5	47.24					46.31		62.12	20.10	146.31	146.31	150.50
6	( 57.73)	( 65.00)	( 5.56)		( 52.34)	( 38.35)	( 20.23)	( 70.21)	( 162.60)	( 121.22)	( 136.43)	( 122.50)
Total	2124.67	1522.62	1451.03		731.63	1243.22	1206.22	3074.25	4331.25	6074.45	5255.63	6026.06
Mean	70.63	54.24	47.23		23.52	55.11	55.12	115.31	144.34	124.01	125.53	124.45
Max.	131.67	120.04	71.26		74.65	121.74	142.00	222.45	354.62	322.55	322.24	517.37
Min.	47.24	32.42				32.52	31.23	52.46	53.23	26.02	120.22	105.42
Max.				3 day	7 day	15 day	25 day	35 day	Min.	Mean		Total
				517.37	202.63	140.45	70.66	40.22		74.76		3452.35

Daily Discharge Diagram

--- Annual Mean Discharge

91.78 m<sup>3</sup>/s

1980



KUALA TAHAN

Daily Discharge Table

(C. A. = 3220.0 km) (Unit. m<sup>3</sup>/s)

1981

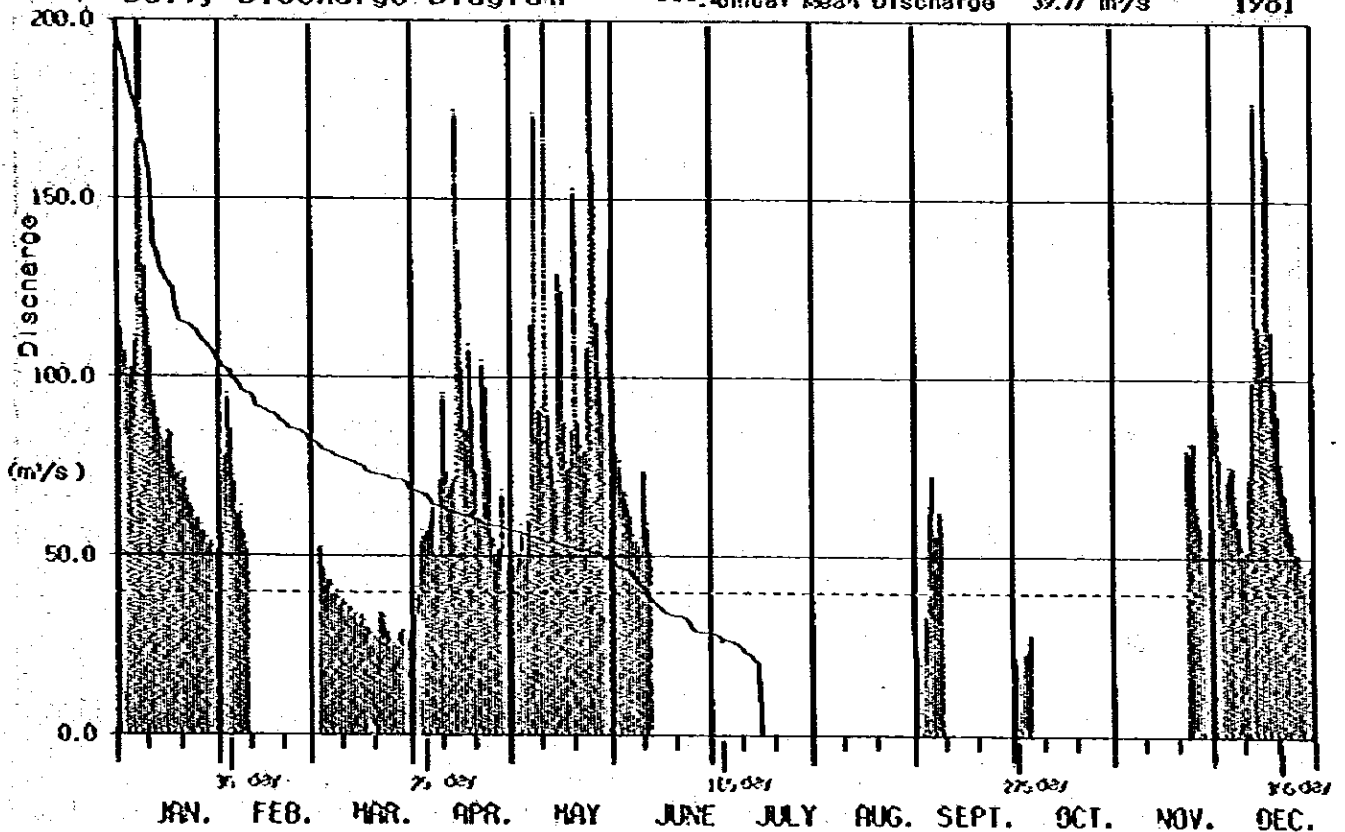
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	125.91	55.04		33.25	42.52	25.25			25.06	21.27		55.55
2	115.32	77.83		41.32	50.25	72.17			23.07	20.45		62.51
3	107.14	25.37	52.50	54.07	50.70	75.25			24.47	20.45		77.02
4	102.24	65.44	45.21	57.35	55.67	65.27			33.02	22.61		65.52
5	102.51	72.67	44.67	55.65	42.32	57.14			64.07	23.02		71.72
6	(110.62)	(77.47)	(28.62)	(46.55)	(51.67)	(77.50)			(33.25)	(22.35)		(72.62)
7	111.37	61.55	43.15	62.32	41.55	41.31			72.45	26.06		75.51
8	220.74	43.22	41.21	63.52	114.65	54.02			57.76			75.12
9	131.73	57.00	40.41	62.01	174.04	54.25			62.56			67.36
10	116.52	53.55	36.35	71.51	20.65	55.26			60.66			58.73
11	(150.43)	(47.21)	(43.33)	(55.72)	(105.50)	(50.13)			(50.77)	(5.42)		(45.55)
12	106.12		35.61	73.41	271.73	52.43						51.77
13	74.52		35.75	71.33	21.03							72.94
14	68.27		34.26	71.43	77.27							22.25
15	65.31		33.25	174.62	70.62							177.63
16	52.25		32.55	135.42	126.72							114.62
17	(71.75)		(34.72)	(105.32)	(126.07)	(22.11)						(103.23)
18	54.47		33.44	104.32	125.72							113.33
19	64.22		31.20	65.25	57.23							270.02
20	77.27		30.05	102.17	75.47							154.65
21	72.20		26.44	21.67	65.45							113.41
22	73.14		27.73	75.45	152.53							22.25
23	(76.40)		(30.32)	(73.17)	(105.55)							(155.10)
24	71.51		26.22	50.52	67.35							62.54
25	65.46		33.25	104.74	61.02							76.43
26	54.36		33.02	72.41	72.22							65.11
27	42.24		26.74	72.41	102.92						60.11	62.02
28	40.47		25.52	65.21	217.22						61.84	62.02
29	(55.44)		(30.25)	(72.45)	(114.72)						62.12	57.46
30	55.60		25.74	53.10	152.73						(48.63)	(70.76)
31	55.76		24.45	51.27	115.32						41.33	53.37
32	55.26		26.73	55.34	101.42						55.47	51.10
33	51.13		22.02	45.02	62.25						54.77	46.12
34	52.60		25.73	42.36	124.23						53.94	45.27
35	51.77		26.66		135.13						55.53	45.31
36	(51.73)		(27.50)	(53.62)	(121.16)						(55.01)	(48.62)
Total	2641.00	523.32	268.03	2245.45	3242.46	776.67			423.42	132.66	534.16	2634.73
Mean	22.32	22.25	31.67	74.62	105.24	25.62			14.12	4.51	17.61	65.03
Max.	220.74	25.37	52.50	174.62	271.73	75.25			72.35	26.06	62.12	220.02
Min.	51.77			33.25	42.32							45.27

Max. 3<sup>rd</sup> day 220.02    7<sup>th</sup> day 174.62    25<sup>th</sup> day 271.73    18<sup>th</sup> day 75.25    27<sup>th</sup> day 72.35    3<sup>rd</sup> day 26.06    Min.    Mean    Total  
 220.02    174.62    271.73    75.25    72.35    26.06    37.77    14517.63

Daily Discharge Diagram

--- Annual Mean Discharge 37.77 m<sup>3</sup>/s

1981

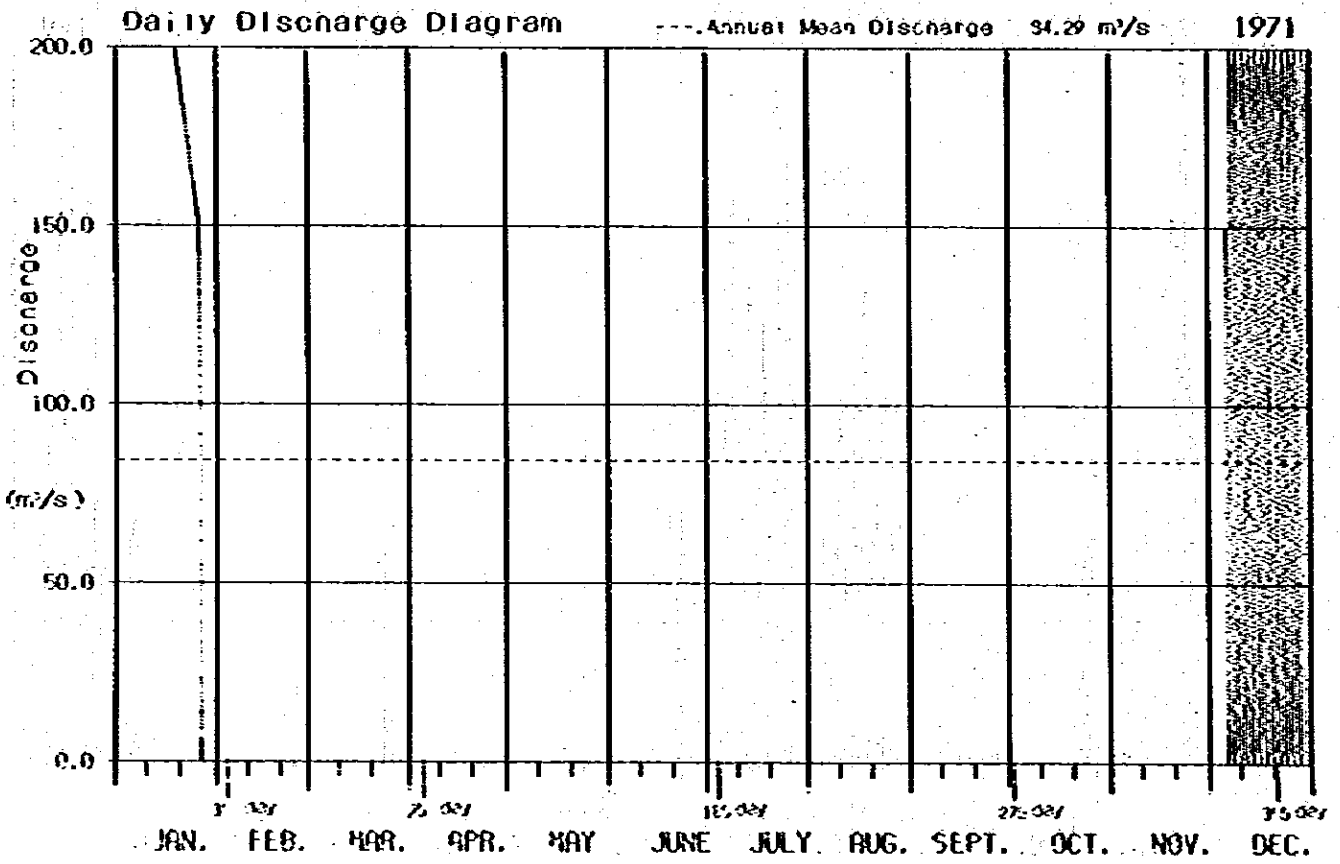




Daily Discharge Table (C. A. = 2510.0 km<sup>2</sup>) (Unit: m<sup>3</sup>/s) 1971

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1												
2												
3												
4												
5												
6												142.53
7												253.47
8												1012.57
9												3385.74
10												3244.47
11												4752.75
12												3378.57
13												1727.45
14												1543.23
15												1155.07
16												1003.15
17												6711.43
18												1552.01
19												1722.84
20												1148.47
21												1142.25
22												1151.25
23												635.17
24												1038.55
25												665.15
26												677.77
27												764.12
28												574.03
29												635.13
30												503.25
31												543.56
Total												32757.47
Max.												3744.47
Min.												84.22
Mean												32757.47

Max. 3744.47    35.021    71.021    185.021    275.021    376.021    Min. 84.22    Mean 32757.47



Daily Discharge Table

(C. A = 2510.0 km) (Unit: m<sup>3</sup>/s)

1972

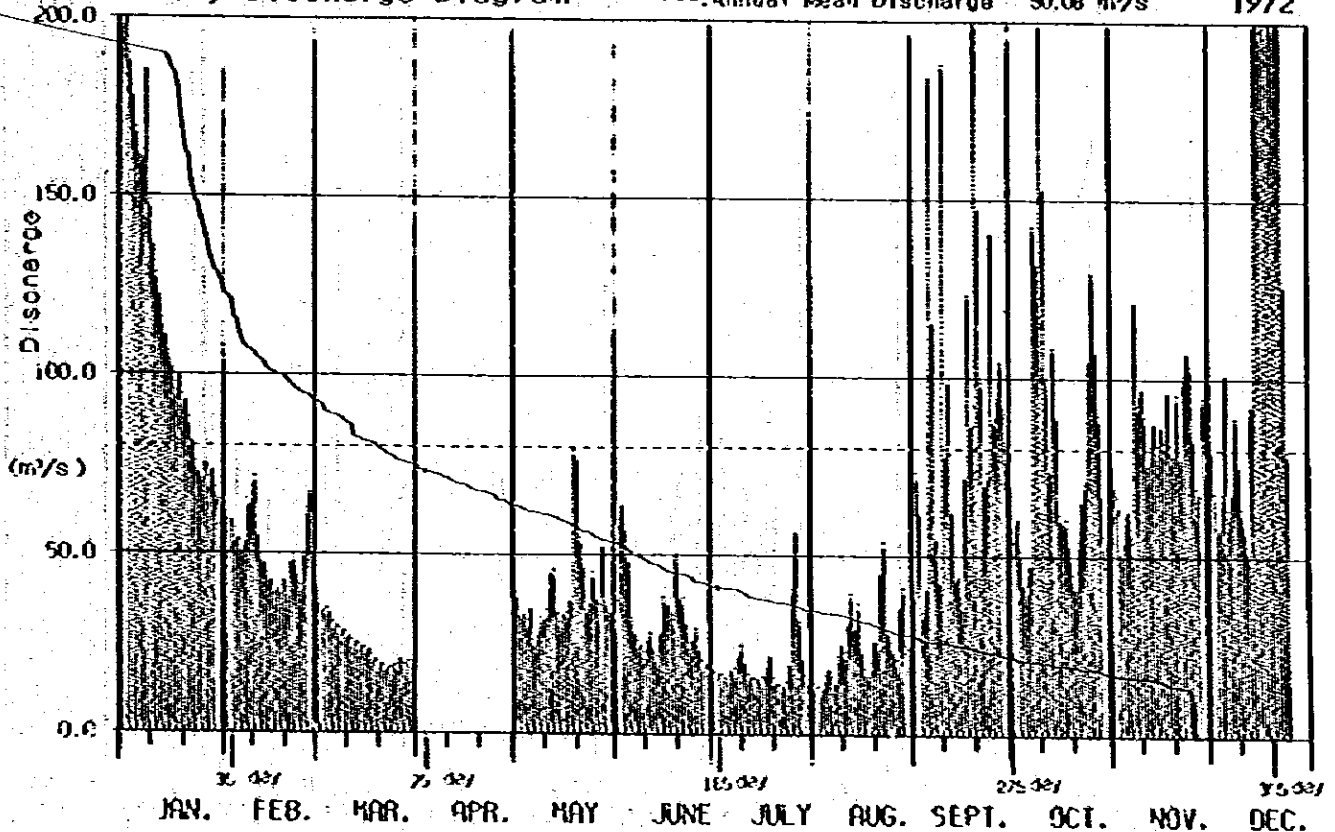
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	245.44	44.24	40.46		32.59	27.97	16.16	14.52	36.33	52.70	75.33	63.02
2	223.15	31.72	35.73		37.66	50.06	17.42	13.26	73.36	61.17	62.61	77.39
3	206.13	31.72	34.17		34.76	53.79	17.06	13.26	61.47	50.71	67.03	54.26
4	182.76	57.40	34.63		33.43	45.74	15.67	12.26	34.64	51.76	50.73	57.64
5	177.26	57.40	33.70		31.75	47.63	15.26	15.42	40.67	41.96	61.34	57.67
6	(208.37)	(51.02)	(35.72)		(35.53)	(51.67)	(17.17)	(14.26)	(47.70)	(57.11)	(54.63)	(71.24)
7	157.22	54.11	31.33		34.42	32.73	15.50	16.07	164.06	42.74	62.61	100.63
8	151.17	53.24	30.15		25.37	27.67	17.64	15.37	115.13	47.43	65.17	63.72
9	152.70	53.21	22.45		27.44	25.36	16.52	14.23	142.44	42.41	121.15	67.71
10	165.27	55.33	26.62		12.43	24.64	21.24	22.01	42.45	132.03	21.01	67.06
11	148.75	53.42	26.32		31.71	23.04	24.64	24.77	167.72	203.76	75.74	75.50
12	(135.46)	(57.26)	(27.65)		(33.57)	(25.76)	(17.75)	(17.11)	(117.16)	(113.52)	(65.42)	(77.37)
13	132.15	71.43	22.04		34.74	25.73	12.70	23.20	77.65	152.74	62.63	53.25
14	126.50	54.72	25.10		44.45	26.13	17.00	33.55	77.24	100.75	75.72	56.63
15	122.02	50.03	25.45		45.67	23.74	15.23	32.22	52.02	73.66	61.26	53.60
16	115.23	47.37	24.22		33.60	22.00	15.77	22.36	44.75	106.52	67.33	72.42
17	110.63	44.75	24.32		31.42	22.63	15.71	32.60	44.12	66.33	61.47	610.22
18	(122.71)	(53.26)	(25.55)		(36.10)	(25.53)	(15.22)	(31.65)	(55.73)	(104.43)	(63.10)	(61.33)
19	105.56	42.47	21.23		33.20	36.25	15.12	22.63	37.37	62.10	64.55	2015.41
20	101.75	41.16	23.42		34.06	35.37	15.43	16.57	72.13	52.32	62.45	3146.26
21	77.67	40.14	22.15		37.03	37.67	15.44	16.47	123.20	60.55	75.15	2346.70
22	72.46	40.24	21.00		22.32	31.74	21.75	20.33	66.45	53.92	61.76	724.59
23	74.40	42.41	20.24		25.37	42.57	15.11	25.77	272.26	45.22	76.35	620.76
24	(100.13)	(41.47)	(22.15)		(52.01)	(37.14)	(16.16)	(20.64)	(116.43)	(56.06)	(65.00)	(765.77)
25	72.72	43.54	12.51		56.22	37.34	14.33	25.52	147.23	40.66	25.65	513.43
26	68.15	47.52	16.70		45.40	36.06	13.23	44.75	22.03	54.44	77.64	322.52
27	61.44	47.77	16.54		35.63	35.73	13.60	54.05	42.63	26.36	101.02	203.55
28	75.27	44.22	16.42		35.46	25.51	14.16	26.35	73.42	70.57	102.30	125.06
29	72.57	41.25	12.23		45.24	25.76	12.40	25.15	140.45	136.01	103.74	60.12
30	(62.17)	(44.53)	(16.23)		(44.01)	(31.55)	(15.23)	(35.52)	(105.00)	(67.24)	(27.02)	(250.57)
31	72.22	47.36	12.23		37.12	22.47	40.45	23.15	66.66	122.27	62.67	
22	75.17	52.77	20.72		36.31	23.34	55.51	21.06	24.72	107.24	42.73	
23	71.50	52.46	12.54		52.12	20.45	31.73	35.41	104.31	62.74	67.72	
24	73.24	46.74	20.62		35.66	17.53	21.00	41.14	21.71	67.02	24.71	
25	55.24		20.32		33.72	16.70	15.69	25.25	76.55	56.07	72.65	
26	45.24		12.61		33.36		15.45	24.20		50.44		
27	(71.12)	(57.03)	(20.02)		(36.33)	(22.43)	(32.41)	(26.41)	(71.22)	(65.57)	(77.51)	
Total	3822.48	1822.10	763.42		1231.21	764.23	518.77	772.95	2742.07	2514.36	2452.65	31641.6
Mean	123.31	57.22	24.18		32.72	22.20	12.24	25.15	71.40	61.11	62.33	361.22
Max.	245.44	71.53	40.46		72.32	43.72	55.51	54.05	272.26	203.55	121.15	3146.26
Min.	55.24	40.14	16.42		25.32	16.70	13.60	12.25	34.44	40.66	50.75	

Max. 3146.26    121.15    73.36    41.14    22.00    105.02    275.02    35.02    Min.    Mean    Total  
 63.06    63.06    29310.03

Daily Discharge Diagram

--- Annual Mean Discharge 90.08 m<sup>3</sup>/s

1972



Daily Discharge Table

(C. A. = 2510.0 km) (Unit: m<sup>3</sup>/s)

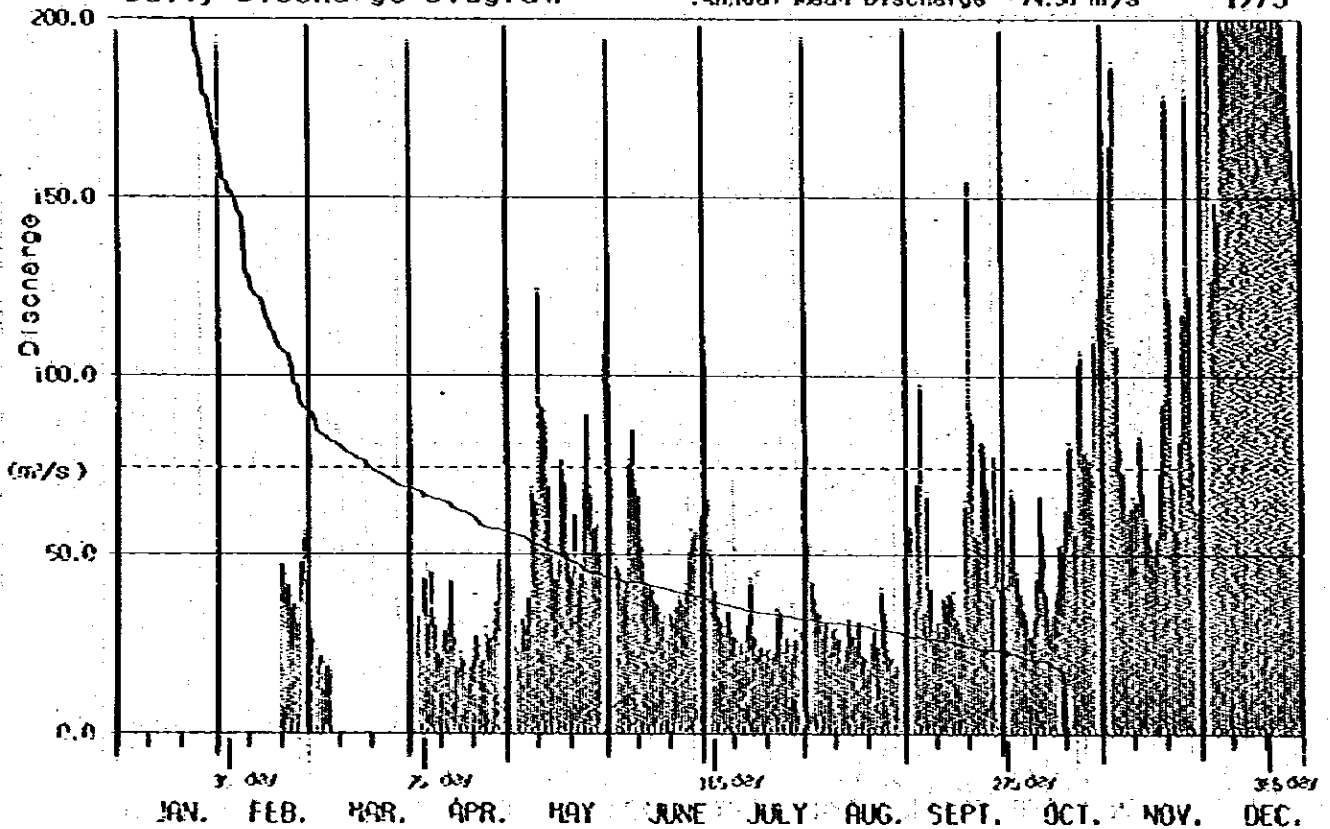
1973

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1			31.10	38.16	74.33	27.17	105.27	63.44	43.21	40.67	162.22	172.37
2			25.42	33.15	45.45	71.75	65.51	56.53	67.75	48.23	126.07	340.44
3			23.48	32.72	34.75	46.71	61.41	42.17	35.72	55.15	154.50	203.37
4			21.65	23.27	24.75	41.67	37.77	35.47	62.71	65.54	166.12	126.75
5			19.64	43.17	31.65	42.65	35.25	33.50	27.55	45.54	106.42	148.31
6			( 24.50)	( 31.50)	( 41.37)	( 41.01)	( 57.35)	( 50.33)	( 61.03)	( 53.67)	(151.47)	(204.23)
7			18.71	32.73	32.68	42.47	31.34	35.43	34.42	38.73	61.20	145.48
8			20.57	44.76	37.77	73.44	33.07	35.20	57.61	35.50	73.02	255.75
9				32.22	35.77	64.68	33.75	27.12	40.38	31.63	44.20	137.51
10				22.25	44.60	70.75	31.22	26.74	28.71	27.38	43.15	176.15
11			( 7.83)	( 31.22)	( 65.70)	( 65.21)	( 33.71)	( 27.33)	( 40.52)	( 33.71)	( 65.75)	(1074.55)
12				26.50	71.15	51.22	25.77	24.37	32.74	45.33	31.76	775.54
13				32.55	20.22	42.13	25.37	23.35	37.52	54.21	62.27	437.67
14				42.42	35.75	43.60	25.53	24.40	38.45	57.55	47.42	335.37
15				33.77	55.74	65.74	33.15	31.54	38.95	38.75	60.24	320.77
16				16.32	42.67	37.42	43.55	27.37	37.50	37.32	55.51	321.43
17				( 31.33)	( 42.22)	( 44.11)	( 30.14)	( 25.43)	( 37.07)	( 41.51)	( 65.37)	(452.63)
18				22.55	52.47	35.53	27.00	25.72	32.11	33.54	51.71	507.52
19				20.41	75.37	33.21	25.37	33.22	33.13	41.47	54.61	627.06
20				15.55	72.41	32.22	23.77	23.65	28.55	52.53	74.23	475.71
21				16.42	50.11	35.54	22.17	21.25	35.27	62.65	22.55	221.67
22		47.10		13.50	47.41	33.37	23.28	20.41	154.44	52.41	178.48	372.26
23		( 7.42)		( 20.33)	( 57.84)	( 33.31)	( 24.53)	( 24.54)	( 42.73)	( 48.40)	( 20.25)	(424.71)
24				27.07	51.10	34.34	23.41	25.51	12.77	61.44	121.55	265.14
25				44.53	24.31	43.37	37.48	22.53	55.22	60.01	71.65	333.57
26				38.37	20.43	44.41	37.38	34.45	24.25	55.75	57.25	350.45
27				35.12	27.43	27.21	35.05	33.75	40.40	61.34	103.17	113.46
28				34.25	25.52	48.22	42.02	22.23	33.75	63.34	105.13	117.37
29				( 37.05)	( 25.55)	( 41.54)	( 37.45)	( 27.42)	( 39.27)	( 72.46)	( 65.65)	( 20.27)
30				47.60	35.07	52.05	50.67	25.41	23.47	35.74	78.37	178.25
31				55.76	35.45	57.24	57.07	24.75	20.21	41.25	78.73	122.57
1				42.27	50.43	51.27	65.21	25.14	20.22	77.48	75.50	77.67
2					112.53	40.71	41.23	26.71	20.24	57.00	111.28	62.26
3					151.57	107.42	53.75	28.41	26.27	40.37	121.64	455.55
4						115.00	73.06	47.27	47.27	151.47	151.47	144.20
5						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
6						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
7						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
8						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
9						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
10						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
11						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
12						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
13						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
14						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
15						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
16						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
17						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
18						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
19						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
20						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
21						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
22						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
23						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
24						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
25						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
26						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
27						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
28						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
29						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
30						( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)	( 7.12)
31						( 75.46)	( 75.20)	( 57.37)	( 34.85)	( 27.12)	( 58.27)	(103.04)
Total		371.17	215.25	1020.72	1750.01	1507.35	1070.15	272.55	1504.12	1788.75	3248.25	13345.8
Mean		13.27	7.00	35.35	62.20	50.24	34.52	31.37	55.14	63.51	106.33	420.67
Max.		55.76	55.15	151.57	124.28	27.17	105.27	63.44	154.44	151.47	455.55	1277.13
Min.				15.55	24.75	30.51	22.17	20.24	28.55	29.38	51.71	126.75
			Max.	31.087	25.087	105.087	275.087	35.587	Min.	Mean	Total	
			127.13	151.47	55.48	35.53	22.55		74.33		27117.67	

Daily Discharge Diagram

--- Annual Mean Discharge 74.30 m<sup>3</sup>/s

1973



Daily Discharge Table

(C. A. = 2510.0 km) (Unit: m<sup>3</sup>/s)

1975

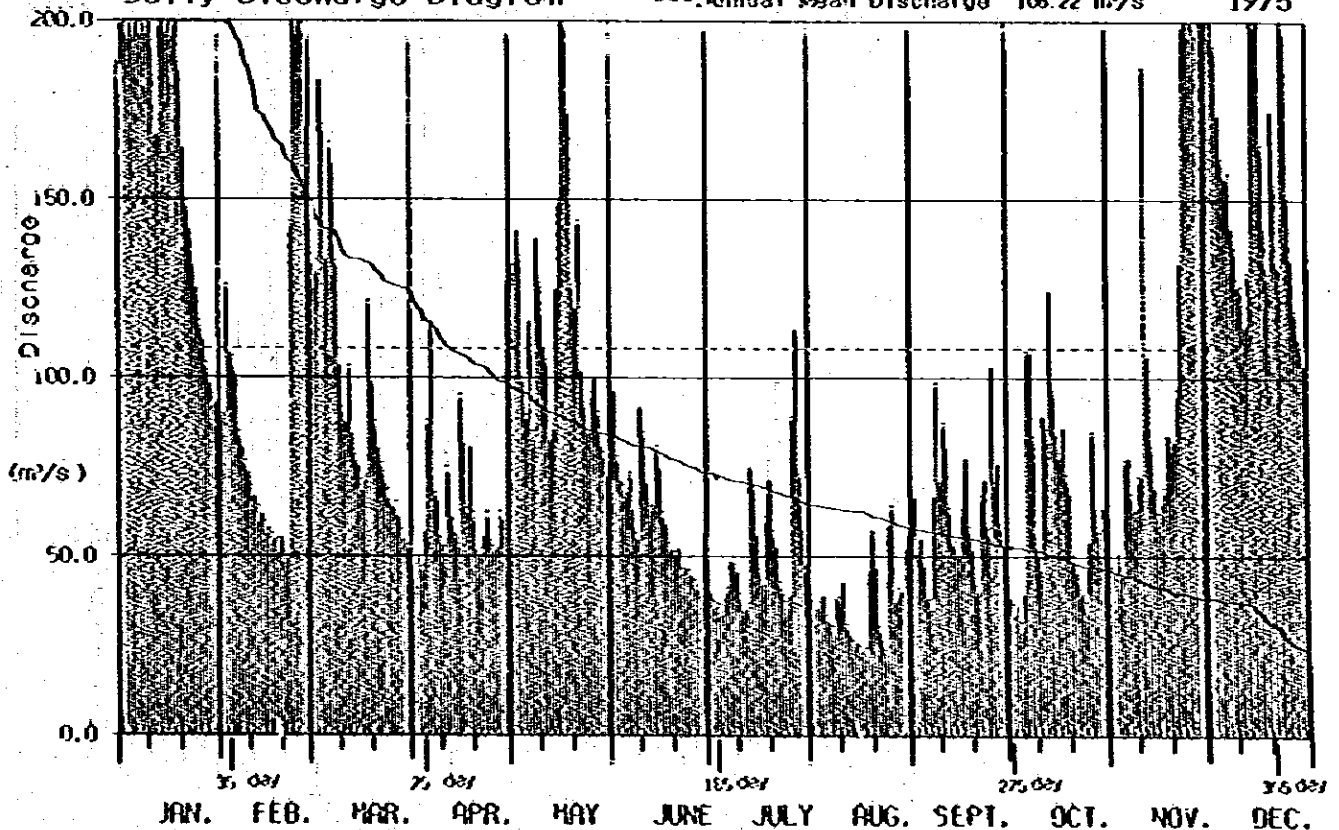
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	160.27	20.28	141.44	47.27	150.52	83.34	48.40	41.54	57.47	44.70	60.27	32.25
2	211.01	20.24	132.02	47.24	133.22	25.23	37.63	37.62	55.70	38.37	47.34	240.37
3	140.42	125.12	133.45	47.55	141.33	78.45	37.55	35.50	52.77	34.25	45.15	101.32
4	204.02	107.02	163.48	47.32	134.33	71.17	37.24	37.43	54.22	35.33	50.72	173.43
5	115.04	105.30	171.12	57.05	28.20	70.15	35.20	38.75	47.81	32.05	44.45	173.55
	(250.17)	(104.01)	(152.33)	(47.31)	(133.67)	(77.20)	(37.22)	(38.25)	(55.40)	(37.35)	(47.77)	(222.55)
6	140.41	100.45	133.33	68.33	20.03	58.07	38.48	33.65	38.34	32.34	75.62	151.54
7	235.40	65.35	168.12	115.71	115.20	73.71	41.43	31.37	38.32	107.35	77.43	158.51
8	127.95	60.35	150.15	38.06	65.44	53.04	48.44	33.78	34.65	105.63	37.20	157.42
9	261.31	77.08	133.31	85.51	132.00	58.74	48.04	38.23	28.50	78.22	33.12	141.62
10	271.15	73.50	103.50	56.71	127.02	21.71	45.50	38.85	71.02	52.52	72.38	135.85
	(270.12)	(63.47)	(132.28)	(78.57)	(111.48)	(70.55)	(44.40)	(34.57)	(82.63)	(78.07)	(71.54)	(150.70)
11	241.00	62.22	72.11	53.25	108.32	65.20	32.24	42.52	67.72	50.02	72.32	125.55
12	124.72	55.75	67.62	75.12	105.35	70.58	34.58	31.53	60.42	62.32	165.68	125.50
13	157.21	44.25	103.52	51.02	82.43	34.35	37.00	28.11	63.60	65.05	108.27	114.12
14	222.35	48.00	84.50	50.54	62.15	44.61	74.22	24.55	53.12	124.22	61.14	122.55
15	355.53	60.00	78.72	55.23	124.22	61.04	42.23	25.20	54.40	25.20	42.23	210.55
	(232.30)	(64.55)	(67.52)	(51.28)	(101.70)	(73.18)	(51.22)	(30.28)	(42.22)	(42.22)	(103.12)	(141.15)
16	238.55	58.25	75.43	25.43	150.25	71.22	55.58	25.17	50.44	64.12	52.42	128.13
17	238.55	58.25	71.55	51.73	225.22	42.78	43.60	24.52	43.40	72.38	64.60	215.63
18	241.55	58.20	73.10	53.24	221.52	58.22	42.28	24.74	72.22	65.21	62.43	185.65
19	233.72	58.13	121.74	60.64	171.22	54.05	51.31	45.04	55.71	73.22	63.64	142.05
20	118.48	58.45	22.05	42.35	125.42	52.03	71.22	57.05	51.63	62.52	62.51	122.42
	(228.13)	(55.11)	(68.23)	(75.23)	(174.11)	(50.52)	(55.51)	(38.53)	(60.32)	(78.04)	(72.41)	(125.44)
21	151.50	51.54	68.22	51.22	112.52	51.52	52.53	44.75	44.45	50.52	62.28	174.53
22	142.72	42.42	60.34	52.50	144.12	52.11	52.51	35.62	32.68	45.52	75.64	154.54
23	141.52	144.08	75.53	55.53	101.61	42.08	43.18	25.42	62.15	41.22	132.32	130.21
24	133.42	520.64	70.32	62.55	73.55	45.65	32.52	24.21	71.43	32.72	42.52	122.48
25	125.15	252.67	42.13	54.28	64.32	45.35	32.72	55.52	58.05	32.55	62.54	125.54
	(142.68)	(232.15)	(75.24)	(58.42)	(108.70)	(48.72)	(45.13)	(32.41)	(55.20)	(42.93)	(312.22)	(171.22)
26	115.40	233.21	44.08	53.21	25.12	44.35	38.68	64.35	103.05	51.11	330.42	150.62
27	110.40	232.63	35.53	52.22	22.20	43.22	62.28	32.43	71.03	64.73	62.54	132.70
28	104.40	170.25	41.04	42.62	20.22	42.52	113.42	41.32	75.62	53.54	123.05	112.02
29	28.32		52.24	50.14	60.75	41.02	73.44	43.33	52.55	52.12	267.05	110.62
30	25.72		56.63	127.11	72.43	58.32	52.51	53.21	52.55	43.42	412.13	108.75
31	21.00		53.43		72.35	42.24	42.24	55.52	42.71	42.71	103.32	103.32
	(101.03)	(214.01)	(52.41)	(71.23)	(65.55)	(45.52)	(62.22)	(48.62)	(72.42)	(64.28)	(642.02)	(120.22)
Total	5271.55	3372.00	3488.41	1247.52	3245.78	1823.51	1505.50	1172.01	1622.55	2015.92	7312.25	5135.30
Mean	202.31	120.65	22.53	48.52	121.52	53.12	51.62	32.22	52.55	65.03	243.21	155.62
Max.	355.53	520.64	163.48	122.11	224.62	75.25	113.42	64.35	103.05	124.22	1233.05	328.13
Min.	21.00	42.42	53.53	47.22	22.33	41.02	34.55	24.21	38.32	32.05	44.55	103.32

Max. 3 day 1203.05 7 day 122.55 15 day 115.43 25 day 22.32 35 day 52.22 45 day 31.32 Min. Mean Total 21.21 108.22 32501.64

Daily Discharge Diagram

--- Annual Mean Discharge 108.22 m<sup>3</sup>/s

1975



Daily Discharge Table

(C. A. = 2510.0 km) (Unit: m<sup>3</sup>/s)

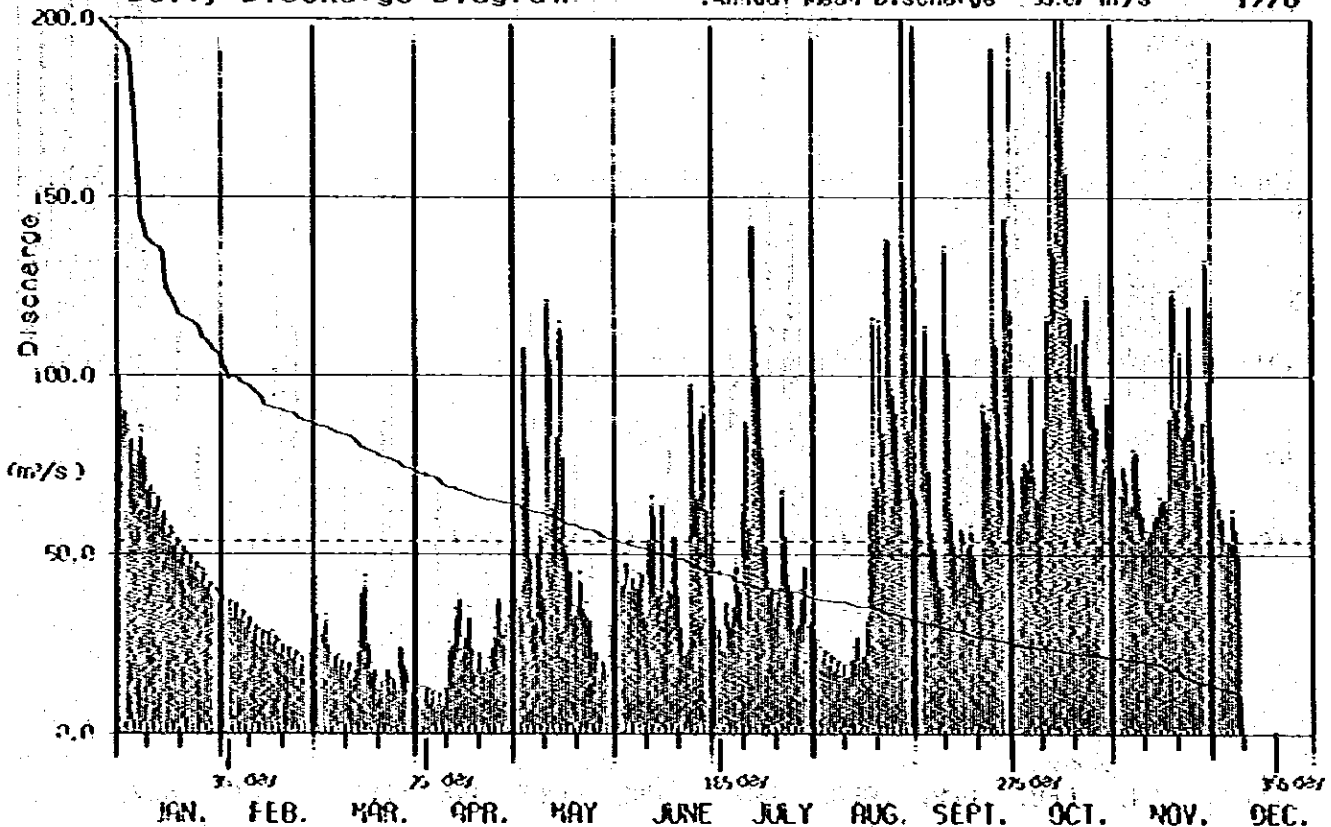
1976

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	22.54	32.50	33.26	13.72	55.50	44.51	36.05	27.34	65.31	71.25	74.03	63.23
2	25.43	36.50	23.22	13.44	37.55	46.12	32.62	25.65	34.35	70.10	72.03	72.52
3	20.02	37.38	26.25	13.47	32.54	41.35	22.11	24.22	22.62	61.42	65.63	64.23
4	65.27	37.23	33.42	12.66	107.93	50.43	24.33	23.42	113.63	74.26	74.42	60.20
5	52.20	35.65	24.52	12.42	61.42	37.73	35.35	22.77	73.45	75.63	72.45	53.10
	(20.60)	(37.23)	(22.33)	(13.15)	(65.00)	(46.60)	(32.31)	(24.22)	(63.35)	(70.31)	(72.42)	(66.61)
6	78.20	35.43	22.22	12.12	46.75	45.50	33.44	22.07	58.25	75.43	54.10	53.26
7	78.65	35.40	21.52	11.67	35.52	40.53	35.33	21.17	51.65	22.55	72.17	62.55
8	65.50	34.45	22.04	11.61	50.32	41.63	42.01	20.52	41.22	73.22	78.22	57.12
9	77.13	33.62	20.35	11.52	55.32	41.55	37.54	12.76	45.75	45.35	65.75	51.20
10	71.75	32.43	20.35	12.22	37.61	35.42	44.01	12.53	133.32	55.00	51.03	
	(76.45)	(34.47)	(21.40)	(11.22)	(45.15)	(42.23)	(44.22)	(20.62)	(55.40)	(78.72)	(70.31)	(44.26)
11	62.25	31.33	12.77	25.55	121.03	54.24	67.16	12.35	105.33	65.35	57.04	
12	62.02	33.22	12.25	24.55	104.52	66.32	52.72	20.54	61.72	115.22	55.76	
13	34.35	22.26	12.75	34.63	64.45	60.73	141.27	24.22	54.30	165.41	61.61	
14	54.24	26.60	25.55	37.01	62.22	40.50	114.10	25.75	42.22	135.11	41.13	
15	61.27	26.17	32.21	27.22	115.20	57.74	22.75	23.24	55.24	272.40	55.20	
	(65.55)	(22.57)	(24.31)	(22.65)	(27.32)	(57.12)	(100.56)	(22.26)	(65.52)	(150.71)	(60.55)	
16	52.76	26.40	44.05	24.73	77.05	37.07	22.22	21.60	63.22	172.32	65.30	
17	52.23	26.73	24.22	35.40	52.36	40.03	42.35	31.26	52.05	242.25	65.26	
18	55.13	26.21	12.23	23.62	45.33	42.50	42.36	62.41	65.12	155.65	56.14	
19	54.44	26.27	12.22	21.62	35.22	54.63	32.73	115.11	42.50	115.45	124.02	
20	55.12	24.61	15.02	22.53	35.35	40.51	32.53	65.67	46.70	101.51	20.72	
	(55.22)	(22.32)	(24.55)	(25.04)	(42.26)	(41.00)	(50.75)	(60.82)	(52.35)	(152.60)	(66.72)	
21	52.02	24.20	14.32	21.12	45.20	22.52	40.65	115.45	41.54	102.26	104.54	
22	50.55	24.04	14.42	16.42	34.76	21.25	62.76	63.22	21.75	52.72	63.44	
23	50.35	23.23	12.65	21.22	35.42	23.32	55.05	136.12	62.30	110.24	24.63	
24	42.14	23.12	15.42	23.72	31.55	27.34	44.33	132.22	20.22	122.56	112.21	
25	42.52	22.42	15.20	22.54	25.03	63.73	32.54	24.51	121.61	22.56	20.55	
	(42.26)	(23.57)	(15.46)	(22.61)	(34.62)	(51.22)	(42.52)	(114.40)	(100.55)	(105.63)	(76.22)	
26	45.32	21.52	15.22	37.31	22.74	52.72	32.25	52.52	110.30	21.32	75.21	
27	45.12	21.12	23.62	31.55	21.04	62.73	33.45	75.64	62.22	65.61	71.52	
28	44.33	22.42	22.43	35.50	20.22	21.36	40.24	25.72	64.55	72.35	62.05	
29	42.26	25.36	17.61	35.62	20.25	42.42	43.45	135.51	144.15	72.33	132.50	
30	41.75		14.30	51.50	30.32	45.44	33.42	64.22	65.54	23.24	26.02	
31	40.50		13.25	55.52	55.52		33.55	62.33		22.22		
	(43.52)	(22.20)	(16.01)	(32.52)	(26.34)	(70.26)	(35.52)	(116.53)	(103.06)	(63.45)	(23.06)	
Total	1252.43	854.42	553.45	727.17	1536.55	1542.88	1802.06	1225.73	2226.25	3352.45	2410.02	566.22
Mean	53.47	22.45	22.06	23.52	52.72	52.33	51.45	62.15	76.61	106.52	60.34	16.03
Max.	22.54	32.50	44.05	51.50	121.03	72.34	141.27	25.72	121.61	272.40	132.50	63.25
Min.	40.50	21.12	13.25	11.52	20.22	23.32	24.43	12.35	40.73	51.62	54.26	
		Max.	35 day	25 day	105 day	225 day	365 day	Min.	Mean		Total	
		227.40	72.62	72.35	41.65	24.22		53.52		12544.33		

Daily Discharge Diagram

--- Annual Mean Discharge 53.67 m<sup>3</sup>/s

1976



Daily Discharge Table

(C. A = 2510.0 km) (Unit. m<sup>3</sup>/s)

1977

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	35.67	57.55	68.61	22.93	11.47	22.10	35.46	17.04	65.20	42.55	65.55	55.26
2	470.23	57.75	61.17	22.01	10.41	22.04	37.32	15.56	54.16	47.41	60.97	51.27
3	302.27	54.97	47.22	23.47	10.42	20.55	25.92	14.76	40.71	61.63	52.33	42.32
4	263.63	55.55	43.21	21.57	10.26	24.13	27.63	12.15	34.25	63.05	55.50	62.31
5	230.26	58.02	41.42	21.93	10.51	22.16	23.07	32.25	30.97	61.61	65.71	104.62
	(346.30)	(52.23)	(55.35)	(22.35)	(10.70)	(23.21)	(26.70)	(20.00)	(45.52)	(55.35)	(61.42)	(65.71)
6	254.41	52.22	64.64	23.05	11.36	32.77	25.40	31.72	26.46	64.15	145.64	94.54
7	207.16	48.12	50.47	22.97	11.26	24.55	41.35	23.43	27.67	62.37	111.70	102.70
8	188.43	48.75	45.50	20.55	14.63	23.07	38.34	37.67	33.47	62.45	67.23	76.64
9	155.31	70.12	42.41	20.16	15.54	24.07	36.27	24.50	24.07	52.15	71.52	44.62
10	142.61	134.03	49.37	20.22	13.25	33.65	46.37	31.07	20.35	44.62	63.55	52.76
	(193.35)	(61.17)	(46.72)	(22.15)	(13.45)	(26.03)	(38.55)	(22.73)	(25.76)	(52.05)	(26.55)	(60.15)
11	137.22	117.45	36.31	16.40	10.14	44.67	35.52	27.21	12.35	67.07	65.57	60.62
12	126.53	128.15	37.50	13.95	10.17	38.51	29.35	20.45	16.51	126.55	60.50	54.15
13	116.61	21.74	37.25	14.46	11.15	27.41	32.60	25.40	16.21	75.33	65.56	62.56
14	112.35	73.77	37.37	13.62	17.45	27.43	37.95	20.26	46.45	121.23	63.66	61.21
15	135.51	65.36	34.31	13.85	40.27	25.52	24.41	12.22	42.76	76.00	52.32	51.52
	(120.35)	(25.30)	(37.15)	(15.26)	(17.22)	(35.15)	(33.57)	(23.01)	(22.40)	(24.76)	(61.64)	(55.56)
16	101.27	60.21	33.16	15.20	32.22	23.34	12.54	55.13	32.55	25.74	47.52	45.26
17	25.55	55.43	31.60	33.46	32.24	25.71	17.61	41.62	33.17	68.43	47.41	45.26
18	22.42	54.22	33.70	23.31	25.75	25.22	15.22	45.45	23.00	25.51	46.24	55.21
19	68.46	53.22	22.32	16.71	33.53	24.47	15.67	41.05	24.26	25.72	73.22	72.72
20	65.51	55.74	26.74	14.02	21.76	34.14	15.70	64.24	23.52	65.12	122.70	54.24
	(22.65)	(55.71)	(37.72)	(21.14)	(39.52)	(27.45)	(17.17)	(53.71)	(25.74)	(72.74)	(32.54)	(57.16)
21	62.47	52.67	31.25	12.23	16.32	31.52	15.47	65.62	20.52	53.33	67.50	50.22
22	73.03	51.16	34.22	11.42	13.06	26.41	15.41	45.33	12.82	51.64	74.04	67.63
23	75.52	45.21	31.15	10.60	13.02	27.50	14.62	31.24	24.62	51.70	61.36	76.02
24	73.00	42.25	27.31	10.17	12.07	21.33	14.41	122.33	32.62	116.05	60.10	70.20
25	73.33	35.50	22.32	10.21	15.22	12.70	13.22	66.70	35.66	102.71	62.22	42.66
	(73.13)	(54.42)	(39.35)	(10.26)	(12.02)	(25.75)	(14.67)	(73.35)	(24.62)	(77.47)	(76.60)	(70.13)
26	45.02	63.25	45.10	10.20	12.35	16.02	14.01	42.33	32.71	114.25	72.25	53.03
27	35.22	71.22	33.04	9.77	12.13	25.41	12.26	71.55	33.40	21.58	62.16	55.24
28	53.64	58.06	27.55	10.35	22.36	25.23	35.12	25.22	72.22	62.22	54.54	33.62
29	41.17		27.25	10.45	20.65	21.63	37.72	72.13	60.60	53.50	52.54	52.55
30	52.21		24.54	10.46	25.45	17.23	34.51	122.02	47.61	71.55	65.05	52.45
31	55.00		24.45		22.13		20.65			65.20		48.46
	(62.71)	(70.76)	(32.77)	(10.25)	(21.25)	(21.25)	(27.23)	(64.42)	(55.53)	(62.03)	(41.45)	(55.42)
Total	4535.22	1246.65	1202.61	510.26	574.18	606.71	627.54	1520.54	1050.42	2324.17	2147.12	1225.31
Mean	146.32	39.52	38.63	17.03	18.52	25.25	25.70	42.05	35.35	74.92	71.57	61.40
Max.	470.23	155.05	65.31	33.46	40.27	44.62	46.37	122.33	72.22	126.55	145.64	104.62
Min.	55.00	45.21	24.45	7.77	10.17	16.02	13.22	14.76	16.51	42.55	47.52	45.24

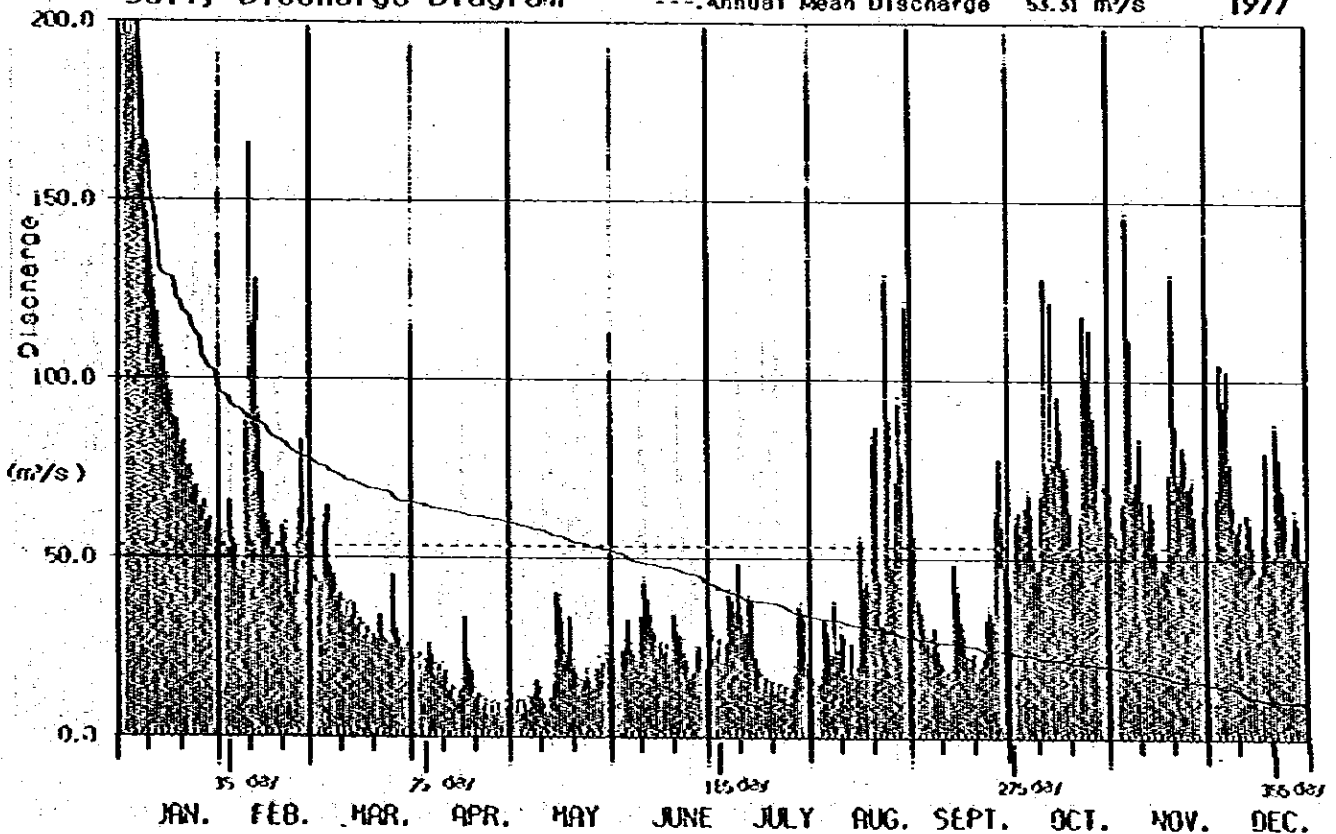
Max. 470.23 35 day 24.54 25 day 54.62 165 day 41.42 275 day 23.47 365 day 10.46 Min. 9.77 Mean 53.31 Total 12457.55

Daily Discharge Diagram

--- Annual Mean Discharge

53.31 m<sup>3</sup>/s

1977



Daily Discharge Table

(C. A. = 2510.0 km) (Unit, m<sup>3</sup>/s)

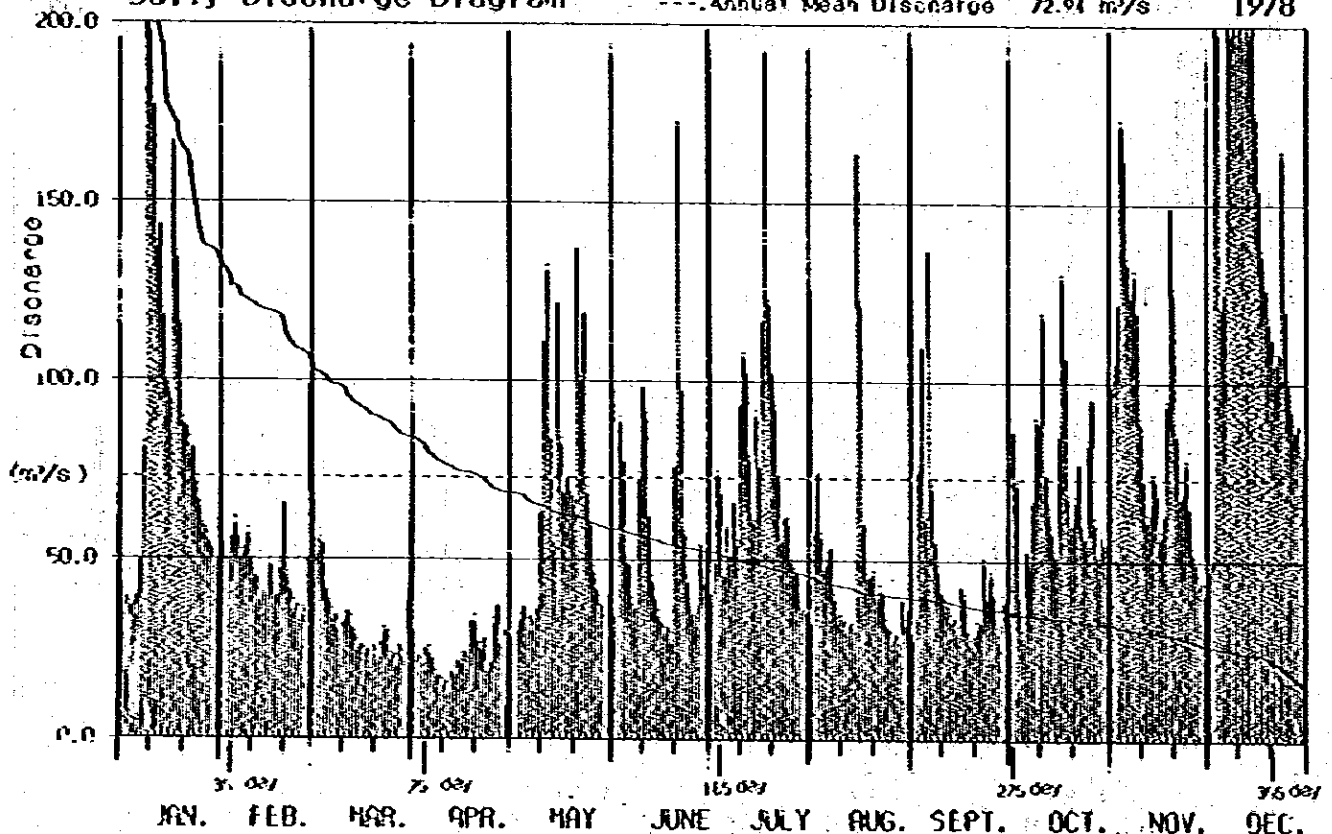
1978

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	43.17	55.47	45.06	27.57	26.22	35.32	40.34	32.31	22.57	32.65	26.74	47.26
2	41.17	54.51	45.73	25.46	25.03	34.21	42.21	33.32	33.20	65.17	107.36	52.26
3	37.17	53.53	55.55	22.23	30.17	20.05	74.62	74.19	76.47	72.27	121.60	507.27
4	36.02	55.00	54.25	24.23	34.77	77.44	65.47	57.21	102.63	32.65	173.32	214.17
5	37.61	41.50	41.40	25.11	35.55	51.00	47.75	47.41	64.04	39.72	162.17	120.60
	(37.61)	(55.47)	(55.72)	(25.47)	(31.15)	(57.60)	(55.12)	(54.27)	(52.73)	(52.33)	(132.35)	(208.35)
6	40.55	55.25	38.73	25.44	33.57	48.65	52.34	52.45	134.76	52.70	134.22	125.64
7	42.51	52.77	34.22	22.26	34.26	32.74	50.27	63.12	71.50	51.54	123.50	731.76
8	42.47	53.12	34.45	12.01	35.50	32.42	65.63	40.66	55.07	44.67	131.51	723.62
9	53.10	55.42	33.21	12.42	34.22	74.54	55.74	34.32	48.67	62.65	112.45	755.56
10	315.20	50.14	32.21	15.52	34.25	76.20	21.40	34.63	40.65	68.47	20.25	320.06
	(205.12)	(54.16)	(34.76)	(20.20)	(40.94)	(57.53)	(65.03)	(43.23)	(70.52)	(67.67)	(112.72)	(405.55)
11	175.64	47.02	34.77	15.11	110.74	21.47	106.06	33.36	32.46	112.34	72.60	277.15
12	143.76	44.52	35.47	15.44	132.43	45.13	102.36	33.07	37.41	74.06	63.12	242.61
13	143.52	42.55	34.26	16.37	63.77	45.54	72.32	32.57	35.10	65.22	53.20	246.57
14	120.17	43.55	30.31	12.55	58.77	38.20	41.45	32.12	31.23	57.52	74.41	233.61
15	22.42	42.54	27.52	21.46	121.62	34.20	22.00	153.54	31.76	51.01	65.45	205.57
	(135.61)	(43.46)	(32.51)	(16.31)	(101.15)	(54.16)	(44.65)	(55.73)	(37.54)	(73.63)	(55.45)	(251.55)
16	76.72	41.24	23.23	23.23	64.14	32.52	75.24	122.63	42.32	64.76	55.75	175.03
17	155.67	42.62	25.25	24.22	35.57	31.35	116.33	60.21	40.70	133.10	62.75	151.24
18	143.20	32.27	24.22	25.54	74.64	31.26	122.32	45.63	33.51	105.71	24.42	137.35
19	115.17	46.24	24.22	32.41	32.06	22.76	123.06	45.35	26.15	65.53	146.42	125.40
20	67.52	45.31	25.52	34.42	32.45	75.10	102.41	47.30	26.25	60.12	121.54	116.50
	(121.50)	(47.02)	(29.30)	(26.17)	(73.27)	(40.20)	(122.41)	(64.41)	(34.10)	(70.06)	(76.33)	(142.52)
21	67.02	45.47	24.47	27.11	137.12	172.55	23.51	32.50	32.21	65.25	65.12	112.27
22	64.27	41.06	25.72	25.74	101.43	22.32	43.23	43.23	32.52	72.04	42.71	106.42
23	60.25	38.72	30.26	27.65	112.07	65.60	57.25	40.45	60.27	52.71	62.04	106.42
24	73.17	37.43	31.25	20.71	70.54	41.76	41.62	33.72	11.23	65.33	76.12	154.76
25	45.23	35.55	24.32	21.25	63.07	32.33	41.65	33.67	44.94	64.00	54.50	120.06
	(76.17)	(40.02)	(27.30)	(24.73)	(27.35)	(62.30)	(62.44)	(37.51)	(43.32)	(52.52)	(73.12)	(122.72)
26	43.15	34.23	23.45	33.57	46.40	34.21	50.22	31.11	43.11	25.12	54.05	101.26
27	52.02	33.15	23.76	35.76	41.55	32.12	42.67	22.52	31.53	22.34	42.23	92.25
28	52.27	32.75	25.22	26.41	40.01	54.22	45.32	22.00	32.24	51.11	45.33	66.54
29	53.46	24.47	30.31	32.31	32.22	45.25	38.72	38.74	40.35	55.55	44.06	66.53
30	52.12	38.14	28.92	28.92	32.25	51.55	35.40	33.76	36.33	54.73	43.75	62.52
31	50.11	42.75	27.73	40.15	40.15	34.23	44.23	35.41	103.43	70.63	72.43	72.43
	(55.70)	(52.11)	(27.73)	(31.52)	(41.17)	(45.46)	(42.42)	(32.25)	(33.51)	(70.63)	(47.46)	(65.74)
Total	3236.65	1103.21	1055.75	742.77	1257.65	1701.27	2233.21	1470.35	1322.35	2204.34	2700.25	5452.07
Mean	104.47	50.11	34.15	24.75	40.46	55.71	73.03	46.06	45.65	71.11	70.03	206.13
Max.	536.10	76.75	45.06	33.26	137.12	172.55	122.32	133.54	136.76	131.10	173.32	753.26
Min.	37.61	33.55	23.33	15.54	25.02	22.76	34.23	22.00	26.15	30.72	43.75	47.26
			Max.	35.067	25.067	165.067	225.067	35.067	Min.	Mean	Total	
			763.76	124.64	60.25	51.54	35.47	22.26	15.34	72.74	23524.15	

Daily Discharge Diagram

--- Annual Mean Discharge 72.91 m<sup>3</sup>/s

1978





Daily Discharge Table

(C. A. = 2510.0 km) (Unit: m<sup>3</sup>/s)

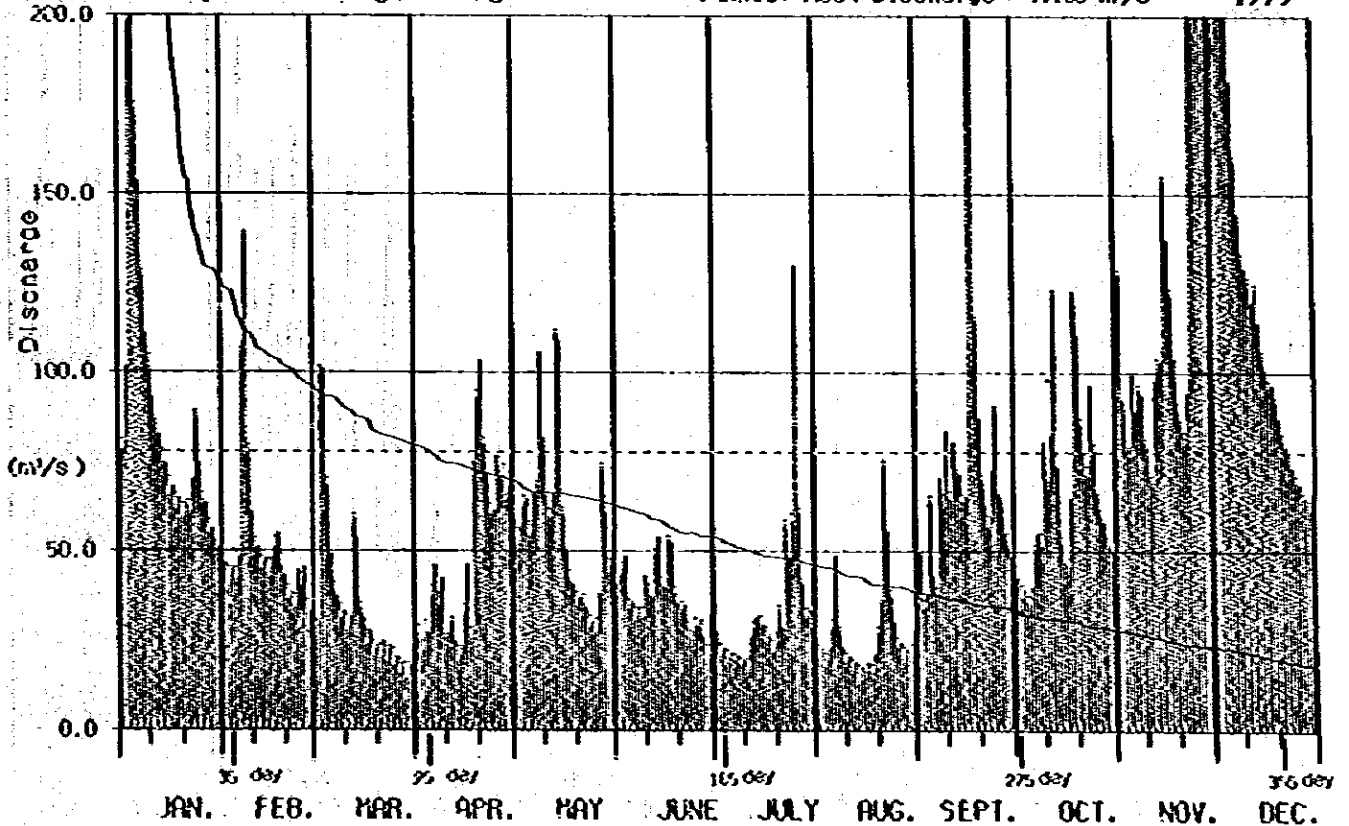
1979

day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	77.66	47.12	31.12	25.73	58.60	40.26	34.84	25.76	34.47	45.27	92.97	329.13
2	81.89	45.57	31.05	27.85	58.57	43.42	27.45	23.77	42.70	42.71	126.72	247.61
3	181.59	45.57	101.57	26.64	58.76	45.71	24.15	22.77	35.52	40.77	92.62	261.73
4	211.74	45.62	100.87	30.53	58.50	48.42	22.75	21.50	38.43	39.58	67.63	265.05
5	245.77	45.37	70.47	27.17	64.70	35.42	22.37	22.43	35.37	37.77	72.40	224.63
	(147.65)	(45.47)	(67.04)	(27.67)	(60.51)	(43.11)	(25.35)	(23.31)	(44.74)	(41.42)	(73.71)	(255.71)
6	175.73	46.36	47.07	40.45	58.47	37.25	21.75	30.71	43.07	37.77	22.16	202.17
7	153.57	105.67	41.44	45.58	58.32	34.35	21.37	48.53	40.02	51.76	67.35	181.61
8	128.65	137.57	17.16	36.41	57.54	34.42	20.55	27.10	70.73	55.15	94.42	160.67
9	110.76	72.65	75.28	42.41	106.74	34.43	20.15	23.33	65.17	56.02	91.25	144.75
10	106.04	40.74	33.14	25.75	51.77	43.32	17.62	21.75	63.58	60.83	61.64	133.35
	(134.63)	(67.07)	(32.22)	(36.76)	(76.37)	(43.46)	(20.75)	(30.73)	(40.72)	(55.56)	(22.07)	(155.00)
11	23.04	53.61	12.07	27.12	65.42	40.71	20.03	20.57	67.06	62.75	72.06	122.21
12	62.55	51.01	32.51	31.34	41.93	37.35	25.02	17.63	60.73	62.42	71.43	125.77
13	62.50	48.75	60.26	24.77	44.36	50.45	30.33	17.07	73.10	73.05	37.70	117.91
14	76.54	47.64	65.74	21.54	111.65	53.77	31.41	16.33	71.58	73.75	103.97	124.67
15	74.33	47.73	35.74	21.54	106.74	42.67	31.61	17.67	55.06	54.22	103.15	114.02
	(62.77)	(47.77)	(42.61)	(25.35)	(67.70)	(45.06)	(27.72)	(17.10)	(71.73)	(60.34)	(21.10)	(122.92)
16	72.64	46.05	31.32	35.11	32.45	40.00	27.33	18.41	65.65	47.04	154.95	105.05
17	57.70	53.27	27.75	44.34	50.54	54.12	26.77	18.25	274.54	46.30	137.41	100.75
18	55.15	51.76	27.27	26.77	44.74	52.07	25.74	18.37	263.48	45.01	123.44	27.77
19	54.73	42.40	24.70	74.25	40.54	40.12	25.11	21.47	115.77	122.47	104.13	26.54
20	53.27	43.20	23.77	24.63	38.57	35.15	27.47	28.74	67.44	110.70	21.70	23.02
	(64.58)	(42.22)	(27.15)	(54.00)	(47.37)	(44.34)	(27.52)	(21.23)	(165.02)	(76.71)	(122.37)	(26.61)
21	54.23	40.46	23.74	103.52	35.71	35.55	34.67	35.41	71.46	67.30	65.21	67.20
22	54.04	38.53	24.63	61.75	37.76	34.73	26.41	75.14	43.06	77.52	63.47	62.75
23	52.65	37.75	23.27	71.77	33.75	30.32	56.45	58.74	50.09	74.06	24.42	77.33
24	67.24	44.75	23.50	53.43	32.02	27.72	46.10	37.45	72.73	75.47	732.13	77.00
25	74.58	43.64	22.25	61.50	30.46	31.15	40.50	32.06	20.63	60.14	673.93	73.36
	(72.32)	(41.11)	(23.72)	(75.46)	(34.23)	(32.03)	(45.15)	(47.33)	(71.60)	(63.10)	(375.57)	(77.97)
26	65.42	45.30	20.53	75.16	31.10	26.74	122.74	25.93	45.21	44.53	1196.24	71.25
27	43.53	33.56	17.94	71.08	38.10	30.47	62.24	24.50	67.19	61.63	1274.65	66.76
28	58.24	32.75	12.05	74.38	74.47	25.74	40.51	23.11	55.06	56.11	660.62	66.41
29	53.33		16.64	55.42	40.76	23.71	34.11	22.61	56.22	54.20	521.51	64.97
30	52.76		12.05	72.15	47.77	32.23	34.67	24.11	46.21	52.11	368.62	64.16
31	50.72		22.11	54.67			26.37	27.61		47.70		65.00
	(55.15)	(36.76)	(17.72)	(72.04)	(51.21)	(26.35)	(54.97)	(24.75)	(55.38)	(57.06)	(670.61)	(66.93)
Total	2672.01	1464.55	1117.23	1465.25	1614.27	1145.97	1073.47	857.37	2365.72	2044.53	6043.25	4034.73
Mean	22.55	53.10	35.10	42.54	55.52	36.23	34.63	27.66	76.20	65.95	246.11	130.15
Max.	245.77	137.51	101.47	103.52	111.65	54.12	127.94	75.14	264.56	123.04	1274.65	302.13
Min.	50.22	32.75	16.64	23.51	30.46	23.21	17.62	17.67	34.47	37.77	71.43	64.16
			Max.	35 day	75 day	165 day	275 day	365 day	Min.	Mean	Total	
			1274.65	122.47	77.68	52.76	32.25	17.63	17.67	77.65	26345.65	

Daily Discharge Diagram

--- Annual Mean Discharge 77.66 m<sup>3</sup>/s

1979





Daily Discharge Table

(C. A. = 2510.0 km) (Unit: m<sup>3</sup>/s)

1980

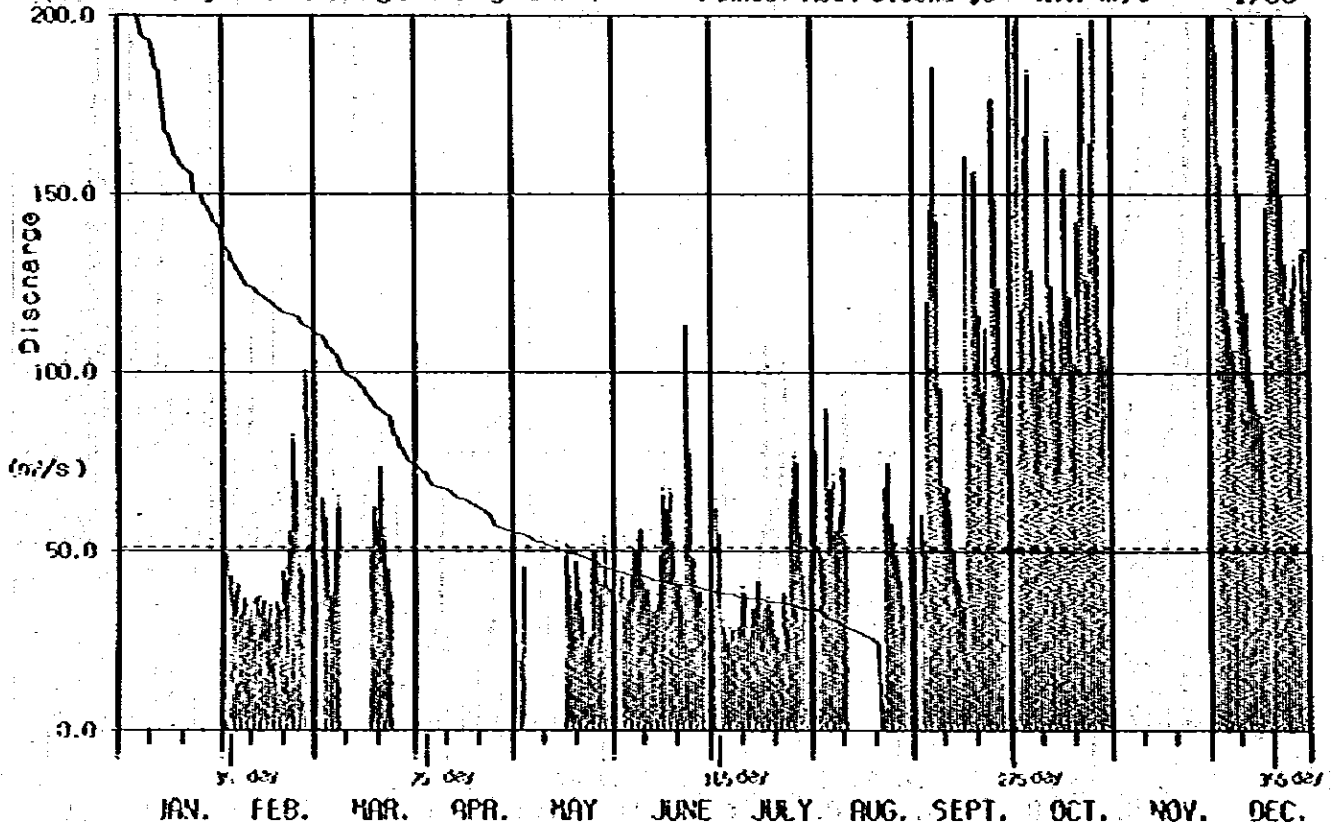
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1			45.67		33.57	35.53	33.63	110.35	42.32	71.61		67.25
2			37.73		23.25	41.77	44.63	76.17	40.63	234.54		241.55
3		42.02	44.70		24.65	42.77	54.75	52.47	60.20	200.66		121.63
4		43.01	63.12		45.35	33.52	33.63	46.01	55.20	112.25		155.04
5		41.11	47.47			35.57	27.16	62.43	112.78	146.25		138.55
6		( 25.63)	( 52.44)		( 24.71)	( 38.67)	( 42.21)	( 75.74)	( 65.01)	( 155.51)		( 153.97)
7		40.65	41.75			44.54	26.51	67.27	147.07	164.61		117.67
8		35.57	47.63			50.72	26.57	71.70	165.50	126.61		115.41
9		35.64	65.35			53.07	27.63	55.51	144.33	113.17		135.31
10		34.75				55.17	22.16	53.02	75.55	27.71		203.27
11		( 35.44)	( 31.32)			43.12	40.06	73.22	65.26	115.34		142.22
12		35.76				( 47.60)	( 30.73)	( 65.22)	( 126.15)	( 127.22)		( 136.73)
13		35.72				37.14	36.03	54.93	67.73	111.01		123.01
14		37.01				38.21	26.72		54.12	147.37		113.21
15		35.33				33.25	33.60		51.16	124.25		162.65
16		35.43				37.92	33.56		44.03	115.45		76.06
17		( 35.19)				46.24	41.43		43.47	22.03		71.32
18		35.15				( 37.50)	( 35.76)	( 10.22)	( 53.54)	( 123.33)		( 137.63)
19		34.71			51.44	67.40	35.57		37.27	115.27		68.64
20		38.03	42.27		43.27	41.52	34.04		150.43	157.07		68.05
21		44.24	51.75		37.12	57.54	37.16		23.32	122.71		165.43
22		( 37.56)	( 34.85)		47.02	62.40	33.32		155.12	121.21		376.32
23		44.22	73.54		( 35.72)	44.07	35.32		155.06	104.52		312.51
24		55.45	54.45			( 55.31)	( 34.10)		( 120.63)	( 124.32)		( 207.63)
25		62.85	44.20		42.43	40.22	24.14		115.10	142.20		123.35
26		( 40.25)	( 43.26)		31.62	37.42	25.35		75.15	124.63		152.25
27		43.32			27.33	113.27	36.32	46.02	112.45	123.42		142.54
28		100.45			25.01	76.74	31.02	74.75	52.11	127.35		135.54
29		67.54			51.57	47.68	44.54	57.72	175.62	154.24		120.65
30		54.71			( 35.72)	( 63.22)	( 37.17)	( 40.51)	( 115.52)	( 144.40)		( 150.66)
31					50.32	40.36	75.42	52.54	150.20	210.23		123.64
Total					45.55	38.46	74.47	50.12	123.75	141.33		131.75
Mean					40.44	35.53	52.34	41.73	101.34	112.13		110.31
Max.					54.05	34.26	43.34	32.12	26.67	104.20		134.50
Min.					40.32	32.62	55.20	54.31	22.63	107.15		134.21
					38.65		43.02	65.24		116.22		121.55
					( 44.24)	( 35.35)	( 55.54)	( 50.35)	( 113.40)	( 132.55)		( 123.15)
Total		1271.40	606.74		752.06	1433.52	1251.20	1271.32	2267.22	4220.44		4432.20
Mean		43.64	25.02		24.25	47.76	40.35	41.01	72.50	136.40		146.46
Max.		100.45	73.54		54.05	113.27	75.42	110.35	165.50	234.54		326.32
Min.						32.62	25.35		37.22	71.61		68.05

Max. 35 day 75 day 165 day 275 day 365 day Min. Mean Total  
 376.32 131.75 71.70 38.32 51.01 1652.52

Daily Discharge Diagram

--- Annual Mean Discharge 51.01 m<sup>3</sup>/s

1980



Daily Discharge Table

(C. A. = 2510.0 km) (Unit. m<sup>3</sup>/s)

1981

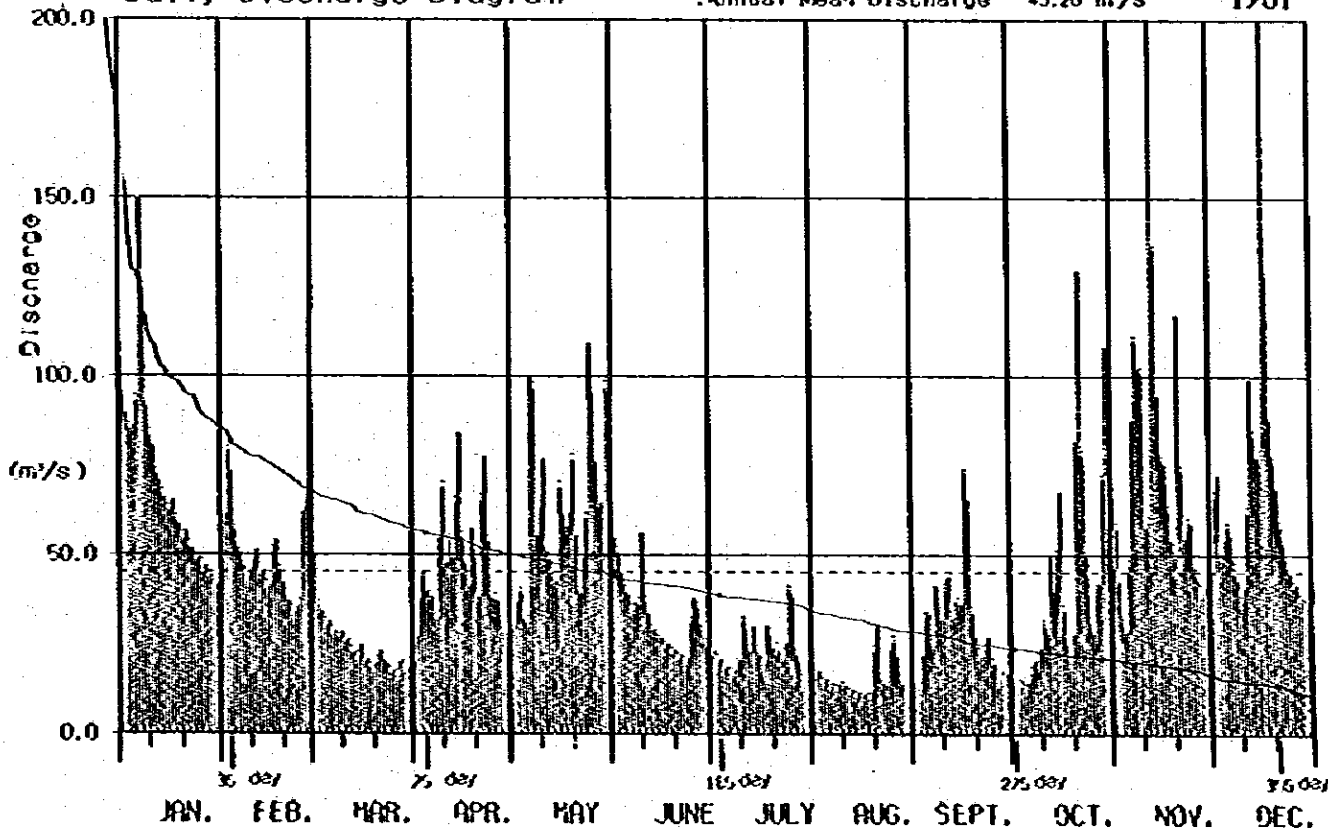
day	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	104.21	47.76	66.43	12.20	26.61	64.51	21.47	25.47	14.21	15.57	45.37	41.54
2	93.49	61.05	42.63	29.77	33.49	64.75	23.17	20.01	13.40	14.91	52.13	67.62
3	63.64	69.40	37.25	37.66	32.50	52.52	22.27	17.24	14.41	15.30	42.74	72.26
4	69.64	73.27	34.00	44.65	45.75	45.15	20.73	15.65	21.92	15.20	32.21	50.42
5	69.27	55.26	32.45	37.46	31.74	41.52	20.24	15.32	33.20	15.10	26.45	54.24
6	( 22.45)	( 24.15)	( 46.40)	( 33.22)	( 34.24)	( 51.73)	( 21.32)	( 16.68)	( 12.55)	( 15.42)	( 41.76)	( 57.63)
7	71.60	51.50	31.32	32.75	32.20	36.75	18.65	14.27	33.43	14.37	46.45	58.92
8	142.26	51.54	22.62	32.22	22.62	35.22	16.30	14.30	25.65	16.21	67.55	55.17
9	125.34	45.72	26.42	33.44	28.32	35.63	16.55	13.60	41.27	20.34	111.05	46.16
10	71.45	41.23	22.93	54.45	55.43	36.14	21.62	13.73	40.20	22.46	132.05	42.62
11	65.24	45.11	26.42	70.41	65.14	55.07	20.70	14.52	31.26	23.67	102.31	38.73
12	(102.31)	( 46.01)	( 22.25)	( 47.35)	( 70.34)	( 41.16)	( 12.42)	( 14.25)	( 34.71)	( 20.03)	( 20.33)	( 46.72)
13	60.41	50.11	22.35	42.63	75.55	36.67	32.43	13.42	42.01	31.66	57.67	40.65
14	74.17	51.13	25.15	55.75	50.65	33.50	22.01	12.61	43.72	26.07	60.94	63.41
15	71.23	42.53	24.43	42.02	48.43	33.53	24.23	12.32	34.34	50.02	225.42	22.04
16	66.42	45.43	22.75	64.91	44.26	22.02	22.20	11.22	35.63	32.66	136.74	64.92
17	65.63	42.77	22.65	63.65	42.45	22.57	24.67	11.73	36.12	51.36	94.45	72.14
18	( 72.01)	( 47.32)	( 24.76)	( 60.45)	( 52.32)	( 31.62)	( 26.23)	( 12.43)	( 32.04)	( 40.25)	(115.05)	( 73.10)
19	64.00	41.22	24.56	55.54	70.42	25.60	21.67	11.45	35.02	42.45	72.76	72.32
20	65.22	52.45	22.10	42.42	51.21	25.51	21.35	11.27	23.62	35.36	75.53	221.04
21	41.21	54.06	20.73	43.00	52.93	24.27	33.13	11.42	45.45	24.66	63.22	122.37
22	56.42	42.62	12.65	52.12	51.53	24.04	22.44	11.26	35.72	21.62	54.02	62.61
23	54.52	42.01	12.52	51.02	76.16	23.36	22.62	24.54	25.23	22.63	53.42	77.40
24	( 61.12)	( 42.35)	( 21.35)	( 51.02)	( 64.25)	( 24.22)	( 25.36)	( 14.13)	( 42.62)	( 35.63)	( 61.94)	(112.00)
25	54.61	40.32	21.71	38.02	55.42	22.35	25.34	33.72	24.10	61.47	112.02	66.35
26	54.14	35.66	23.12	35.75	41.06	22.21	23.25	12.02	21.36	122.45	25.06	52.66
27	51.55	35.62	22.45	72.45	42.23	21.42	24.01	14.21	25.16	72.42	54.62	53.23
28	50.33	35.40	12.56	55.55	41.22	21.06	25.22	14.52	25.21	42.22	60.24	46.41
29	42.12	32.45	16.42	32.71	102.23	32.56	41.25	23.36	21.31	33.06	58.55	44.21
30	( 52.42)	( 32.21)	( 21.10)	( 55.12)	( 43.35)	( 21.22)	( 22.63)	( 20.00)	( 23.64)	( 24.45)	( 23.12)	( 54.22)
31	46.70	41.21	12.76	32.26	45.22	32.72	36.04	22.26	12.52	26.25	45.32	42.76
1	45.64	65.76	12.66	32.04	75.22	32.22	23.75	21.75	12.70	41.62	42.26	41.71
2	45.44	112.23	20.02	31.22	65.22	33.43	20.01	15.60	16.25	42.04	41.64	32.21
3	44.21		20.12	26.42	44.22	26.70	12.12	13.20	12.13	72.31	41.00	36.02
4	42.21		16.45	22.75	26.70	23.62	12.24	14.23	16.65	106.23	45.74	32.41
5	41.26		21.25		24.44		34.43	15.43	52.26	57.26		32.20
6	( 41.22)	( 62.44)	( 12.22)	( 32.20)	( 62.65)	( 31.53)	( 25.62)	( 16.23)	( 16.30)	( 55.33)	( 43.60)	( 32.32)
Total	2205.67	1455.71	640.17	1404.15	1231.46	1024.42	755.05	506.02	215.42	1260.04	2144.15	2004.54
Mean	71.12	52.45	27.10	44.60	62.31	34.22	24.26	15.32	30.51	41.22	71.42	64.62
Max.	142.26	112.23	66.43	63.65	102.23	64.51	41.25	33.72	73.62	122.45	225.42	221.04
Min.	41.26	35.40	12.76	12.20	26.61	21.05	16.30	11.22	13.40	14.32	26.45	32.20
			Max.	35 day	25 day	115 day	275 day	226 day	Min.	Mean		Total
			225.42	61.42	55.02	36.73	23.62	13.73	11.22	45.20		14126.15

Daily Discharge Diagram

--- Annual Mean Discharge

45.20 m<sup>3</sup>/s

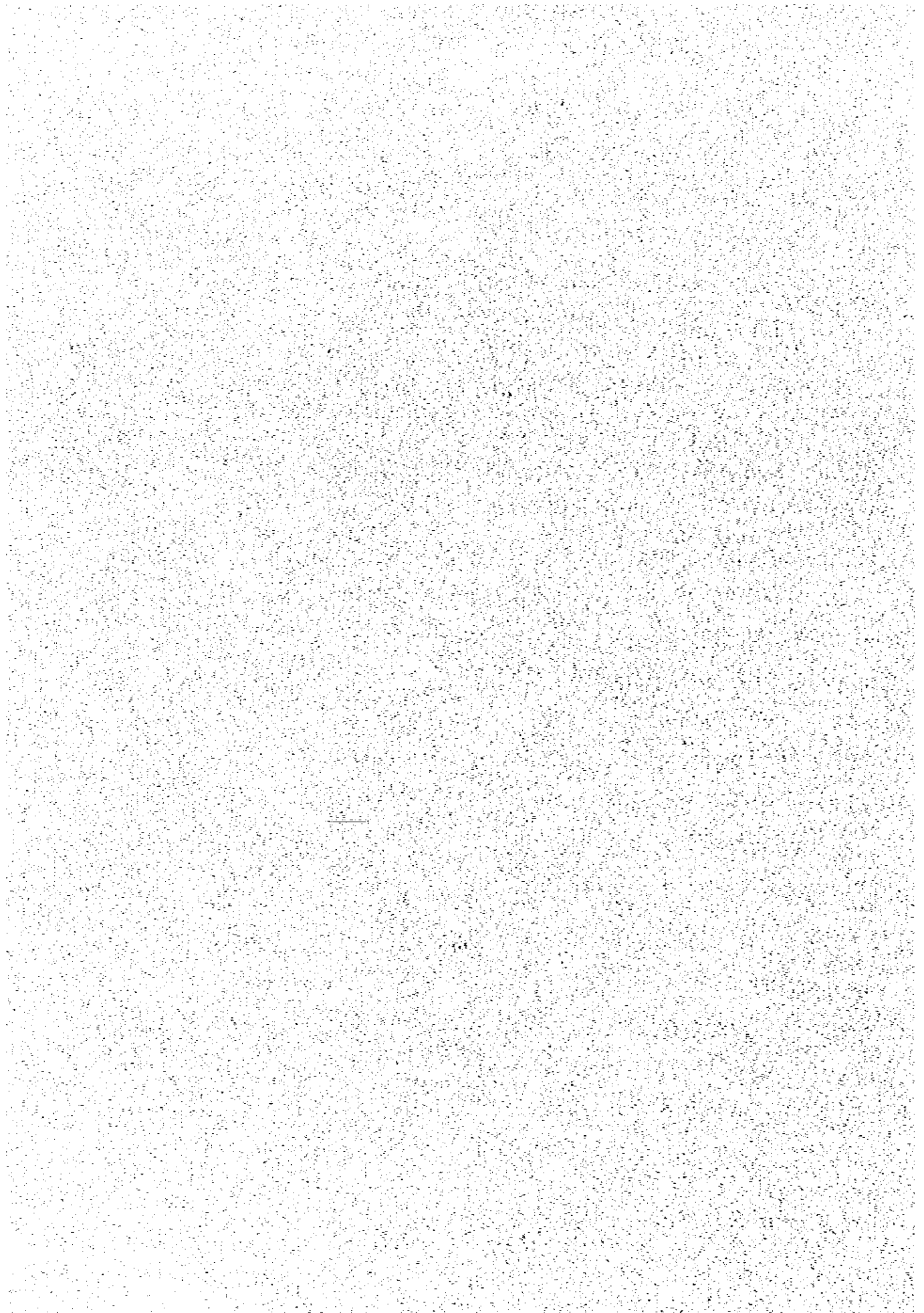
1981





**Appendix D**

**Daily Discharge Estimated for S. Tekai  
at Punut**



NR 1901 - 1980 - DISCHARGE

(YEAR 1961)

\*\*

JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	105-47	54-35	27-99	18-73	55-88	32-33	45-49	27-39	44-43	43-40	82-14	60-58
2	196-04	51-35	26-55	22-08	51-88	32-33	45-49	27-39	44-43	43-40	82-14	60-58
3	90-44	48-52	24-03	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
4	86-06	40-25	25-35	22-47	51-88	32-33	45-49	27-39	44-43	43-40	82-14	60-58
5	111-17	38-38	23-50	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
6	1103-21	37-24	25-00	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
7	1027-01	37-24	25-00	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
8	1201-13	42-23	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
9	1147-42	43-27	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
10	1113-31	43-27	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
11	1038-39	40-70	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
12	1038-39	40-70	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
13	982-35	40-23	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
14	982-35	40-23	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
15	103-30	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
16	103-30	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
17	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
18	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
19	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
20	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
21	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
22	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
23	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
24	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
25	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
26	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
27	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
28	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
29	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
30	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
31	880-52	42-35	22-29	22-47	47-03	30-17	31-19	11-13	14-22	17-63	76-28	59-03
TOTAL	3101	1212	755	1474	1403	1240	608	630	122+	2482	1603	1961
AVR.	100-04	43-29	24-35	49-13	47-19	41-53	21-55	20-33	40-81	80-18	55-43	63-25
YEAR	MAX. 360-98	85-57	61-00	45-26	20-09	13-37	10-86	48-99	17882	TOTAL	48-99	48-99
1961	360-98	85-57	61-00	45-26	20-09	13-37	10-86	48-99	17882	TOTAL	48-99	48-99
									ANNUAL	AVR.		
									80-18	55-43		
									ANNUAL	AVR.		
									80-18	55-43		

\*\* 961 - 1990 = DISCHARGE

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(YEAR 1962)

PAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1958	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76
1959	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76
1960	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76
1961	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76
1962	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76	50.76
TOTAL	1958	803	1132	738	775	704	1472	1460	773	1334	2012	
AVR.	63.15	50.81	36.51	24.61	21.78	17.17	22.72	47.48	48.05	26.92	44.68	37.32

YEAR MAX. 350DAY 195DAY 275DAY 355DAY MIN. AVR. TOTAL  
 1962 167.07 67.62 52.36 28.94 21.37 12.56 11.22 37.52 13094.9

(YEAR 1963)

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\*\* 1961 - 1980 DISCHARGE

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	47.40	98.77	99.40	10.01	9.47	13.71	15.21	35.83	10.18	42.02	25.72	63.82
2	46.35	98.77	99.40	10.04	9.40	11.70	13.05	32.44	10.14	39.44	23.41	82.63
3	45.34	98.77	99.40	10.80	9.35	10.35	11.77	29.27	17.74	39.74	31.51	74.18
4	45.23	98.77	99.40	10.71	9.49	10.49	8.82	27.77	17.22	50.20	31.00	83.72
5	45.23	98.77	99.40	10.86	9.21	11.21	11.71	30.31	17.27	43.09	32.05	82.32
6	45.21	98.77	99.40	10.57	9.38	9.38	8.07	28.45	17.94	43.75	42.75	77.33
7	46.54	98.77	99.40	10.42	9.04	9.04	8.05	26.50	17.50	50.72	44.50	80.06
8	44.59	98.77	99.40	10.42	9.45	8.45	8.09	25.53	17.28	44.92	44.00	74.48
9	42.05	98.77	99.40	10.42	9.24	12.02	7.92	23.53	17.21	43.30	42.94	76.12
10	42.76	98.77	99.40	10.71	9.70	10.38	8.13	24.00	17.03	51.93	51.55	77.65
11	39.25	98.77	99.40	10.93	9.17	11.70	8.16	20.57	17.50	64.34	47.33	68.67
12	35.15	98.77	99.40	10.34	9.10	11.82	8.26	36.88	17.50	59.42	71.34	64.67
13	34.95	98.77	99.40	10.42	9.09	11.31	8.26	35.00	17.32	54.42	62.28	64.67
14	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
15	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
16	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
17	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
18	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
19	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
20	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
21	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
22	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
23	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
24	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
25	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
26	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
27	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
28	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
29	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
30	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
31	34.00	98.77	99.40	10.42	9.09	11.19	8.26	32.53	17.32	53.43	60.28	68.73
TOTAL	1016	465	416	328	425	396	494	842	693	1429	1996	2402
AVR.	32.70	17.32	13.41	10.94	13.70	13.21	15.94	27.16	23.09	46.09	60.53	77.50

YEAR MAX. 35DAY 95DAY 185DAY 270DAY 355DAY MIN. AVR. TOTAL  
 1963 130.12 72.45 44.60 18.10 11.45 7.67 7.14 29.92 10921.5



(YEAR 1964)

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4\* 1961 - 1980 = DISCHARGE

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
2	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
3	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
4	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
5	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
6	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
7	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
8	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
9	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
10	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
11	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
12	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
13	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
14	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
15	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
16	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
17	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
18	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
19	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
20	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
21	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
22	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
23	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
24	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
25	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
26	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
27	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
28	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
29	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
30	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217
31	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217	820-217

TOTAL	1845-	1164-	1086-	1084-	909-	1001-	1116-	090-	079-	912-	2043-	1908-
AVG.	59-51	40-27	35-04	36-14	29-32	33-36	36-00	22-23	22-04	29-42	67-78	63-48
										ANNUAL	TOTAL	AVR.
										ANNUAL	AVR.	

YEAR	MAX.	350DAY	950DAY	1650DAY	2750DAY	3550DAY	MIN.	AVR.	TOTAL
1964	200-39	69-34	49-21	34-10	23-00	13-43	11-41	39-59	14490-5

(YEAR 1965)

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## 1961 - 1980 = DISCHARGE

DAY

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	79	54	60	52	08	73	45	73	59	14	54	51
2	78	53	59	51	07	72	44	72	58	13	53	50
3	77	52	58	50	06	71	43	71	57	12	52	49
4	76	51	57	49	05	70	42	70	56	11	51	48
5	75	50	56	48	04	69	41	69	55	10	50	47
6	74	49	55	47	03	68	40	68	54	09	49	46
7	73	48	54	46	02	67	39	67	53	08	48	45
8	72	47	53	45	01	66	38	66	52	07	47	44
9	71	46	52	44	00	65	37	65	51	06	46	43
10	70	45	51	43	99	64	36	64	50	05	45	42
11	69	44	50	42	98	63	35	63	49	04	44	41
12	68	43	49	41	97	62	34	62	48	03	43	40
13	67	42	48	40	96	61	33	61	47	02	42	39
14	66	41	47	39	95	60	32	60	46	01	41	38
15	65	40	46	38	94	59	31	59	45	00	40	37
16	64	39	45	37	93	58	30	58	44	99	39	36
17	63	38	44	36	92	57	29	57	43	98	38	35
18	62	37	43	35	91	56	28	56	42	97	37	34
19	61	36	42	34	90	55	27	55	41	96	36	33
20	60	35	41	33	89	54	26	54	40	95	35	32
21	59	34	40	32	88	53	25	53	39	94	34	31
22	58	33	39	31	87	52	24	52	38	93	33	30
23	57	32	38	30	86	51	23	51	37	92	32	29
24	56	31	37	29	85	50	22	50	36	91	31	28
25	55	30	36	28	84	49	21	49	35	90	30	27
26	54	29	35	27	83	48	20	48	34	89	29	26
27	53	28	34	26	82	47	19	47	33	88	28	25
28	52	27	33	25	81	46	18	46	32	87	27	24
29	51	26	32	24	80	45	17	45	31	86	26	23
30	50	25	31	23	79	44	16	44	30	85	25	22
31	49	24	30	22	78	43	15	43	29	84	24	21
TOTAL	965	487	302	554	2492	1150	532	840	1120	1843	1908	2447
AVR.	31.13	17.40	9.99	18.47	80.39	38.53	17.18	27.29	37.53	59.46	63.60	78.93
YEAR	MAX.	350AY	350AY	950AY	1850AY	2750AY	3550AY	MIN.	AVR.	TOTAL		
1965	239.48	78.57	57.91	28.26	18.29	9.30	40.18	14002.7				

(YEAR 1966)

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\*\* 1961 - 1960 = DISCHARGE

	MAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
TOTAL	2118.	1218.	1297.	1209.	960.	630.	1124.	1008.	1649.	1618.	1578.	1578.	1578.
AVR.	68.31	43.52	41.83	40.29	30.96	21.01	30.24	32.52	53.18	53.18	53.18	53.18	53.18
MIN.													
MAX.													
350DAY													
450DAY													
1850DAY													
2750DAY													
3550DAY													
TOTAL													
AVR.													
MIN.													
MAX.													
1966													
171-71													
64-42													
53-89													
40-62													
29-39													
15-48													
11-04													
+2.80													
15623.7													

(YEAR 1967)

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\*\* 1967 - 1980 DISCHARGE

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	57.00	23.00	10.00	7.00	9.00	22.00	22.00	27.00	33.00	12.00	9.00	10.00
2	58.00	24.00	11.00	8.00	10.00	23.00	23.00	28.00	34.00	13.00	10.00	11.00
3	59.00	25.00	12.00	9.00	11.00	24.00	24.00	29.00	35.00	14.00	11.00	12.00
4	60.00	26.00	13.00	10.00	12.00	25.00	25.00	30.00	36.00	15.00	12.00	13.00
5	61.00	27.00	14.00	11.00	13.00	26.00	26.00	31.00	37.00	16.00	13.00	14.00
6	62.00	28.00	15.00	12.00	14.00	27.00	27.00	32.00	38.00	17.00	14.00	15.00
7	63.00	29.00	16.00	13.00	15.00	28.00	28.00	33.00	39.00	18.00	15.00	16.00
8	64.00	30.00	17.00	14.00	16.00	29.00	29.00	34.00	40.00	19.00	16.00	17.00
9	65.00	31.00	18.00	15.00	17.00	30.00	30.00	35.00	41.00	20.00	17.00	18.00
10	66.00	32.00	19.00	16.00	18.00	31.00	31.00	36.00	42.00	21.00	18.00	19.00
11	67.00	33.00	20.00	17.00	19.00	32.00	32.00	37.00	43.00	22.00	19.00	20.00
12	68.00	34.00	21.00	18.00	20.00	33.00	33.00	38.00	44.00	23.00	20.00	21.00
13	69.00	35.00	22.00	19.00	21.00	34.00	34.00	39.00	45.00	24.00	21.00	22.00
14	70.00	36.00	23.00	20.00	22.00	35.00	35.00	40.00	46.00	25.00	22.00	23.00
15	71.00	37.00	24.00	21.00	23.00	36.00	36.00	41.00	47.00	26.00	23.00	24.00
16	72.00	38.00	25.00	22.00	24.00	37.00	37.00	42.00	48.00	27.00	24.00	25.00
17	73.00	39.00	26.00	23.00	25.00	38.00	38.00	43.00	49.00	28.00	25.00	26.00
18	74.00	40.00	27.00	24.00	26.00	39.00	39.00	44.00	50.00	29.00	26.00	27.00
19	75.00	41.00	28.00	25.00	27.00	40.00	40.00	45.00	51.00	30.00	27.00	28.00
20	76.00	42.00	29.00	26.00	28.00	41.00	41.00	46.00	52.00	31.00	28.00	29.00
21	77.00	43.00	30.00	27.00	29.00	42.00	42.00	47.00	53.00	32.00	29.00	30.00
22	78.00	44.00	31.00	28.00	30.00	43.00	43.00	48.00	54.00	33.00	30.00	31.00
23	79.00	45.00	32.00	29.00	31.00	44.00	44.00	49.00	55.00	34.00	31.00	32.00
24	80.00	46.00	33.00	30.00	32.00	45.00	45.00	50.00	56.00	35.00	32.00	33.00
25	81.00	47.00	34.00	31.00	33.00	46.00	46.00	51.00	57.00	36.00	33.00	34.00
26	82.00	48.00	35.00	32.00	34.00	47.00	47.00	52.00	58.00	37.00	34.00	35.00
27	83.00	49.00	36.00	33.00	35.00	48.00	48.00	53.00	59.00	38.00	35.00	36.00
28	84.00	50.00	37.00	34.00	36.00	49.00	49.00	54.00	60.00	39.00	36.00	37.00
29	85.00	51.00	38.00	35.00	37.00	50.00	50.00	55.00	61.00	40.00	37.00	38.00
30	86.00	52.00	39.00	36.00	38.00	51.00	51.00	56.00	62.00	41.00	38.00	39.00
31	87.00	53.00	40.00	37.00	39.00	52.00	52.00	57.00	63.00	42.00	39.00	40.00
TOTAL	2180	2391	3072	1638	1719	681	693	488	945	1592	2980	3438
AVR.	70.31	85.38	99.10	54.59	55.47	22.72	22.36	15.73	31.49	51.35	99.32	110.91
YR	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967	1967
MAX.	420.73	114.09	79.14	48.16	26.17	12.64	12.02	59.77	21816.4			
MIN.												
AVR.												
TOTAL												

\*\*\* 1961 - 1980 DISCHARGE \*\*\* (YEAR 1968)

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
2	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
6	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
7	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
8	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
9	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
10	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
11	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
12	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
13	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
14	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
15	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
16	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
17	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
18	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
19	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
20	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
21	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
22	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
23	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
24	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
25	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
26	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
27	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
28	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
29	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
30	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
31	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
TOTAL	1340.	457.	696.	821.	1292.	691.	1170.	970.	723.	1100.	538.	994.
AVR.	43.22	17.05	22.47	27.35	41.09	23.04	39.98	31.28	24.10	37.41	17.94	32.07

YEAR MAX. 55DAY 95DAY 185DAY 275DAY 355DAY MIN. AVR. TOTAL  
 1968 251.43 20.08 37.26 26.25 17.94 12.40 11.00 29.69 10860.1

YEAR 1969

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\*\* 1961 - 1980 = DISCHARGE

DAY	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1	57	18	10	22	11	22	49	19	57	18	00	67
2	55	17	10	22	11	22	49	19	57	18	00	67
3	55	17	10	22	11	22	49	19	57	18	00	67
4	55	17	10	22	11	22	49	19	57	18	00	67
5	55	17	10	22	11	22	49	19	57	18	00	67
6	55	17	10	22	11	22	49	19	57	18	00	67
7	55	17	10	22	11	22	49	19	57	18	00	67
8	55	17	10	22	11	22	49	19	57	18	00	67
9	55	17	10	22	11	22	49	19	57	18	00	67
10	55	17	10	22	11	22	49	19	57	18	00	67
11	55	17	10	22	11	22	49	19	57	18	00	67
12	55	17	10	22	11	22	49	19	57	18	00	67
13	55	17	10	22	11	22	49	19	57	18	00	67
14	55	17	10	22	11	22	49	19	57	18	00	67
15	55	17	10	22	11	22	49	19	57	18	00	67
16	55	17	10	22	11	22	49	19	57	18	00	67
17	55	17	10	22	11	22	49	19	57	18	00	67
18	55	17	10	22	11	22	49	19	57	18	00	67
19	55	17	10	22	11	22	49	19	57	18	00	67
20	55	17	10	22	11	22	49	19	57	18	00	67
21	55	17	10	22	11	22	49	19	57	18	00	67
22	55	17	10	22	11	22	49	19	57	18	00	67
23	55	17	10	22	11	22	49	19	57	18	00	67
24	55	17	10	22	11	22	49	19	57	18	00	67
25	55	17	10	22	11	22	49	19	57	18	00	67
26	55	17	10	22	11	22	49	19	57	18	00	67
27	55	17	10	22	11	22	49	19	57	18	00	67
28	55	17	10	22	11	22	49	19	57	18	00	67
29	55	17	10	22	11	22	49	19	57	18	00	67
30	55	17	10	22	11	22	49	19	57	18	00	67
31	55	17	10	22	11	22	49	19	57	18	00	67
TOTAL	1407	400	444	573	971	1037	1306	1879	1021	1573	1899	2084
AVR.	45.38	14.28	14.32	19.09	31.34	34.57	42.14	60.62	34.03	50.75	63.31	67.24

YEAR MAX. 350DAY 950DAY 1950DAY 2750DAY 3550DAY TOTAL  
 1969 146-32 73-54 56-77 36-78 17-57 9-56 8-88 39-99 14595-0