<<< MASTER PROGRAM for DB-05(Leap Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1959/60 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MEAN													
MAX.													
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QM ST.: 4-280 MACHIYA FERRY YEAR : 1959/60 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	6.6	6.0	10.4	90.3	98.4	251.4	248.1	111.3	45.4	28.2	21.5	13.8	
2	6.6	6.0	10.4	90.3	106.9	232.1	238.4	109.1	43.9	28.2	21.5	13.8	
3	6.6	6.6	10.4	90.3	111.3	216.6	232.1	102.6	42.5	28.2	20.5	13.8	
4	6.6	6.6	11.2	90.3	111.3	213.5	222.7	98.4	41.1	28.2	20.5	12.9	
5	6.6	8.8	11.2	86.3	98.4	216.6	219.6	94.3	41.1	28.2	20.5	12.9	
6	6.6	8.8	12.0	90.3	88.3	210.5	213.5	90.3	41.1	28.2	19.5	12.9	
7	6.6	8.8	12.0	96.4	92.3	204.5	210.5	86.3	39.7	27.1	19.5	12.9	
8	6.6	8.1	13.8	86.3	96.4	201.6	207.5	84.4	39.7	27.1	19.5	12.0	
9	6.6	7.4	14.7	80.5	92.3	207.5	207.5	80.5	38.4	27.1	19.5	12.0	
10	6.6	6.6	18.5	74.9	100.5	222.7	204.5	78.6	38.4	25.9	18.5	12.0	
11	6.6	6.6	21.5	64.3	127.3	228.9	198.6	74.9	37.0	25.9	18.5	12.0	
12	6.6	6.0	22.6	59.3	144.3	228.9	192.8	73.1	37.0	25.9	18.5	12.0	
13	6.0	6.0	21.5	61.0	149.4	241.6	187.1	71.3	37.0	25.9	17.5	11.2	
14	6.0	6.0	23.7	52.9	157.1	285.3	184.3	69.5	37.0	25.9	17.5	12.0	
15	6.0	6.0	24.8	46.8	159.7	324.9	181.5	66.0	35.7	25.9	17.5	12.0	
16	6.0	6.0	27.1	43.9	170.4	375.1	178.7	66.0	35.7	24.8	17.5	11.2	
17	6.0	5.3	28.2	39.7	187.1	437.4	175.9	62.6	34.4	24.8	17.5	11.2	
18	6.0	5.3	37.0	38.4	216.6	459.3	170.4	61.0	34.4	24.8	17.5	11.2	
19	6.0	5.3	34.4	35.7	228.9	450.5	167.7	59.3	34.4	24.8	16.5	11.2	
20	6.0	6.6	34.4	33.1	271.5	433.1	162.4	57.7	33.1	23.7	16.5	10.4	
21	6.0	7.4	35.7	34.4	375.1	411.9	159.7	56.1	33.1	23.7	16.5	10.4	
22	6.0	9.6	37.0	34.4	437.4	391.3	154.5	54.5	31.9	23.7	15.6	10.4	
23	6.0	11.2	33.1	35.7	437.4	416.1	149.4	52.9	31.9	22.6	15.6	10.4	
24	6.0	12.0	41.1	37.0	407.8	399.5	144.3	51.4	30.6	22.6	15.6	9.6	
25	6.0	12.9	57.7	48.3	355.4	395.4	136.9	51.4	30.6	22.6	15.6	9.6	
26	6.0	12.0	59.3	51.4	332.4	375.1	132.1	49.8	30.6	21.5	15.6	9.6	
27	6.0	12.0	51.4	46.8	303.0	340.0	129.7	48.3	30.6	21.5	14.7	9.6	
28	6.0	11.2	52.9	49.8	278.3	317.5	125.0	48.3	30.6	21.5	14.7	9.6	
29	5.3	11.2	48.3	51.4	261.3	295.8	122.6	46.8	29.4	21.5	14.7	9.6	
30	5.3	11.2	71.3	66.0		274.9	118.0	46.8	29.4	21.5	14.7	8.8	
31	5.3		96.4	80.5		258.0		45.4		21.5	13.8		
MEAN	6.2	8.1	31.7	60.9	204.8	307.0	179.2	69.3	35.9	25.0	17.5	11.4	79.4
MAX.	6.6	12.9	96.4	96.4	437.4	459.3	248.1	111.3	45.4	28.2	21.5	13.8	459.3
MIN.	5.3	5.3	10.4	33.1	88.3	201.6	118.0	45.4	29.4	21.5	13.8	8.8	5.3

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(5day): 92.3 Q(185day): 33.1 Q(275day): 12.9 Q(355day): 6.0

<<< MASTER PROGRAM for 08-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1960/61 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-280 MACHIYA FERRY YEAR : 1960/61 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	8.8	6.6	17.5	69.5	167.7	428.9	463.7	187.1	86.3	52.9	35.7	23.7	
2	8.8	6.6	16.5	86.3	187.1	403.6	446.1	181.5	86.3	51.4	35.7	22.6	
3	8.8	6.6	18.5	86.3	184.3	363.2	428.9	175.9	84.4	51.4	34.4	22.6	
4	8.8	6.6	17.5	92.3	178.7	336.2	399.5	170.4	82.4	49.8	34.4	22.6	
5	8.8	6.6	17.5	94.3	201.6	313.9	383.2	167.7	80.5	49.8	33.1	21.5	
6	8.8	6.6	15.6	88.3	213.5	299.4	363.2	162.4	78.6	49.8	33.1	21.5	
7	8.8	6.6	15.6	80.5	228.9	303.0	343.8	157.1	76.8	48.3	33.1	21.5	
8	8.8	6.6	15.6	78.6	235.2	321.2	328.7	151.9	74.9	48.3	31.9	20.5	
9	8.1	6.6	13.8	78.6	228.9	328.7	321.2	149.4	73.1	46.8	31.9	20.5	
10	8.1	8.1	13.8	78.6	228.9	343.8	313.9	144.3	71.3	46.8	30.6	20.5	
11	7.4	8.1	13.8	76.8	232.1	359.3	299.4	139.4	69.5	45.4	30.6	19.5	
12	7.4	8.1	13.8	73.1	225.8	395.4	292.3	136.9	69.5	45.4	29.4	19.5	
13	7.4	9.6	13.8	69.5	219.6	420.4	292.3	134.5	67.8	45.4	29.4	19.5	
14	7.4	9.6	16.5	66.0	225.8	428.9	295.8	132.1	67.8	43.9	29.4	18.5	
15	8.1	10.4	19.5	66.0	232.1	420.4	288.8	129.7	66.0	43.9	29.4	18.5	
16	8.1	12.0	21.5	76.8	261.3	395.4	274.9	127.3	64.3	42.5	29.4	17.5	
17	8.8	15.6	30.6	88.3	271.5	371.1	268.1	125.0	64.3	42.5	28.2	17.5	
18	8.8	16.5	35.7	100.5	274.9	355.4	274.9	125.0	62.6	41.1	28.2	17.5	
19	8.8	14.7	34.4	104.8	292.3	351.5	271.5	122.6	62.6	41.1	28.2	16.5	
20	8.8	13.8	30.6	90.3	317.5	367.2	261.3	120.3	61.0	41.1	28.2	16.5	
21	8.8	12.9	41.1	84.4	363.2	379.1	251.4	118.0	61.0	39.7	27.1	16.5	
22	8.8	13.8	56.1	84.4	437.4	395.4	241.6	115.8	59.3	39.7	27.1	15.6	
23	8.8	13.8	54.5	88.3	459.3	424.6	235.2	113.5	59.3	39.7	27.1	15.6	
24	8.8	12.9	56.1	88.3	446.1	472.6	228.9	109.1	59.3	38.4	25.9	15.6	
25	8.1	12.9	54.5	90.3	428.9	509.1	222.7	106.9	57.7	38.4	25.9	15.6	
26	7.4	13.8	52.9	125.0	416.1	504.5	216.6	102.6	56.1	38.4	25.9	14.7	
27	7.4	15.6	48.3	159.7	428.9	499.9	210.5	98.4	56.1	38.4	24.8	14.7	
28	7.4	16.5	51.4	151.9	437.4	495.3	204.5	96.4	54.5	37.0	24.8	14.7	
29	7.4	15.6	56.1	154.5		472.6	198.6	94.3	54.5	37.0	24.8	13.8	
30	6.6	20.5	56.1	159.7		446.1	192.8	92.3	52.9	37.0	24.8	13.8	
31	6.6		62.6	167.7		446.1		88.3		35.7	23.7		
MEAN	8.2	11.1	31.7	96.8	286.6	398.5	293.8	131.5	67.4	43.5	29.2	18.3	116.9
MAX.	8.8	20.5	62.6	167.7	459.3	509.1	463.7	187.1	86.3	52.9	35.7	23.7	509.1
MIN.	6.6	6.6	13.8	66.0	167.7	299.4	192.8	88.3	52.9	35.7	23.7	13.8	6.6

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 167.7 Q(185day): 54.5 Q(275day): 18.5 Q(355day): 6.6

<<< MASTER PROGRAM for DB-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1961/62 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-280 MACHIYA FERRY YEAR : 1961/62 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	13.8	13.8	56.1	228.9	324.9	637.1	728.4	486.1	210.5	122.6	88.3	61.0	
2	13.8	15.6	59.3	204.5	343.8	637.1	734.0	481.6	207.5	120.3	86.3	59.3	
3	12.9	13.8	59.3	184.3	411.9	637.1	785.0	477.1	201.6	120.3	86.3	57.7	
4	12.9	13.8	56.1	187.1	463.7	616.5	814.1	466.1	195.7	120.3	84.4	57.7	
5	12.9	12.9	56.1	201.6	495.3	586.2	790.8	450.5	192.8	118.0	84.4	56.1	
6	12.9	12.9	66.0	213.5	513.8	556.7	750.8	477.1	189.9	115.8	84.4	56.1	
7	12.9	13.8	73.1	225.8	532.6	532.6	706.4	416.1	184.3	115.8	84.4	54.5	
8	12.0	15.6	76.8	251.4	532.6	523.2	668.6	399.5	181.5	115.8	82.4	54.5	
9	12.0	17.5	92.3	274.9	537.4	523.2	642.3	383.2	178.7	113.5	82.4	52.9	
10	12.0	22.6	98.4	274.9	556.7	518.5	626.7	371.1	173.2	111.3	80.5	51.4	
11	12.0	24.8	100.5	264.7	556.7	542.2	626.7	359.3	170.4	111.3	78.6	51.4	
12	12.0	30.6	100.5	264.7	537.4	601.2	652.8	351.5	167.7	109.1	78.6	49.8	
13	12.0	37.0	104.8	278.3	527.9	637.1	679.3	340.0	162.4	109.1	76.6	49.8	
14	12.0	48.3	98.4	289.8	518.5	626.7	668.6	332.4	159.7	106.9	76.8	48.3	
15	11.2	51.4	98.4	292.3	504.5	611.4	637.1	321.2	157.1	106.9	76.8	48.3	
16	11.2	61.0	102.6	285.3	499.9	596.2	606.3	313.9	154.5	104.8	74.9	48.3	
17	11.2	67.8	109.1	278.3	509.1	576.3	581.2	306.6	149.4	102.6	74.9	48.3	
18	11.2	62.6	139.4	268.1	509.1	571.3	561.5	295.8	146.8	102.6	73.1	48.3	
19	11.2	66.0	165.0	268.1	504.5	586.2	547.0	288.8	144.3	102.6	73.1	48.3	
20	10.4	64.3	181.5	264.7	509.1	621.6	532.6	281.8	144.3	100.5	71.3	46.8	
21	10.4	67.8	192.8	264.7	527.9	674.0	518.5	278.3	141.8	100.5	71.3	46.8	
22	10.4	73.1	207.5	254.7	601.2	750.8	509.1	271.5	139.4	98.4	71.3	45.4	
23	10.4	69.5	207.5	264.7	674.0	790.8	495.3	264.7	134.5	98.4	71.3	45.4	
24	11.2	64.3	198.6	288.8	695.5	849.7	486.1	258.0	132.1	96.4	69.5	45.4	
25	11.2	62.6	198.6	313.9	679.3	808.2	477.1	251.4	132.1	96.4	69.5	42.5	
26	10.4	64.3	207.5	317.5	652.8	767.8	477.1	248.1	129.7	94.3	67.8	41.1	
27	11.2	82.4	213.5	310.2	621.6	745.2	486.1	241.6	127.3	92.3	66.0	41.1	
28	11.2	76.8	222.7	306.6	621.6	739.6	504.5	235.2	125.0	90.3	64.3	41.1	
29	12.0	67.8	248.1	303.9		745.2	499.9	228.9	125.0	90.3	64.3	39.7	
30	12.0	59.3	264.7	292.3		756.4	495.3	222.7	122.6	90.3	62.6	38.4	
31	12.0		254.7	306.6		750.8		216.6		88.3	61.0		
MEAN	11.8	45.1	139.0	265.3	534.4	648.9	609.6	332.9	159.4	105.4	75.5	49.2	246.0
MAX.	13.8	82.4	264.7	317.5	695.5	849.7	814.1	486.1	210.5	122.6	88.3	61.0	849.7
MIN.	10.4	12.9	56.1	184.3	324.9	518.5	477.1	216.6	122.6	88.3	61.0	38.4	10.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 399.5 Q(185day): 141.8 Q(275day): 64.3 Q(355day): 11.2

<<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1982/83 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.96	2.59	3.33	6.77	7.65	0.07	0.29	6.20	4.57	4.02	3.63	3.23	
2	2.93	2.59	3.32	6.96	7.53	0.04	0.20	6.32	4.54	3.99	3.63	3.20	
3	2.93	2.58	3.41	6.92	7.65	0.70	0.14	6.19	4.51	3.99	3.60	3.20	
4	2.90	2.56	3.47	6.99	7.60	0.72	0.05	6.10	4.49	3.96	3.60	3.17	
5	2.90	2.53	3.51	7.04	7.71	0.69	7.99	6.04	4.45	3.96	3.60	3.17	
6	2.90	2.50	3.56	7.07	7.77	0.68	7.92	5.97	4.42	3.93	3.57	3.17	
7	2.87	2.50	3.70	7.13	7.83	0.60	7.83	5.88	4.42	3.93	3.57	3.14	
8	2.87	2.50	3.96	7.13	7.86	0.56	7.77	5.82	4.39	3.93	3.54	3.14	
9	2.83	2.50	4.10	7.25	7.89	0.53	7.71	5.76	4.36	3.93	3.54	3.14	
10	2.83	2.47	4.42	7.50	7.92	0.56	7.62	5.70	4.33	3.90	3.54	3.11	
11	2.83	2.44	4.49	7.71	7.96	0.60	7.56	5.64	4.33	3.90	3.54	3.11	
12	2.80	2.47	4.60	7.83	7.99	0.66	7.50	5.55	4.30	3.90	3.51	3.08	
13	2.80	2.56	4.69	7.92	8.05	0.75	7.41	5.49	4.30	3.90	3.47	3.08	
14	2.77	2.62	4.82	8.02	8.17	0.87	7.32	5.43	4.27	3.87	3.47	3.05	
15	2.77	2.83	4.91	8.05	8.29	0.90	7.25	5.36	4.27	3.87	3.44	3.05	
16	2.74	2.96	4.97	8.08	8.39	0.87	7.16	5.27	4.24	3.84	3.44	3.02	
17	2.74	2.96	5.06	8.11	8.47	0.87	7.10	5.24	4.21	3.84	3.44	2.99	
18	2.74	2.99	5.12	8.11	8.60	8.99	7.01	5.12	4.21	3.84	3.41	2.99	
19	2.71	2.99	5.18	8.08	8.75	8.90	8.92	5.09	4.21	3.81	3.41	2.99	
20	2.71	3.02	5.27	8.02	8.84	8.90	8.83	5.05	4.18	3.81	3.38	2.99	
21	2.71	3.05	5.30	7.99	8.87	8.87	6.74	5.03	4.18	3.78	3.35	2.96	
22	8	3.08	5.33	7.92	8.87	8.84	6.68	4.97	4.15	3.78	3.35	2.96	
23	2.80	3.08	5.50	7.86	8.87	8.81	6.61	4.91	4.15	3.75	3.35	[illegible]93	
24	2.80	3.14	5.97	7.80	8.87	8.75	6.55	4.88	4.11	3.75	3.32	2.93	
25	2.65	3.17	6.13	7.77	8.87	8.69	6.49	4.82	4.11	3.72	3.32	2.93	
26	2.65	3.20	6.31	7.74	8.87	8.63	6.46	4.79	4.11	3.72	3.29	2.90	
27	2.62	3.20	6.46	7.71	8.84	8.56	6.43	4.75	4.08	3.69	3.29	2.90	
28	2.62	3.26	6.49	7.68	8.84	8.53	6.40	4.69	4.05	3.69	3.26	2.87	
29	2.62	3.29	6.58	7.65		8.44	6.37	4.26	4.05	3.66	3.26	2.87	
30	2.59	3.29	6.58	7.65		8.38	6.34	4.63	4.02	3.66	3.26	2.83	
31	2.59		6.68	7.65		8.35		4.60		3.63	3.23		
MEAN	2.76	2.83	4.95	7.61	8.20	8.71	7.22	5.34	4.27	3.84	3.44	3.03	5.17
MAX.	2.96	3.29	6.68	8.11	8.87	8.99	8.29	6.20	4.57	4.02	3.63	3.23	8.99
MIN.	2.59	2.44	3.32	6.77	7.53	8.35	6.34	4.26	4.02	3.63	3.23	2.83	2.44

QM ST.: 4-200 MACHIYA FERRY YEAR : 1982/83 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	41.5	27.3	59.5	363.1	483.2	677.0	500.8	304.1	139.0	99.4	75.0	54.0	
2	40.2	27.3	58.5	374.7	465.6	671.7	566.3	297.1	136.6	97.4	75.0	52.5	
3	40.2	26.3	63.2	382.6	483.2	661.3	556.8	293.7	134.2	97.4	73.2	52.5	
4	39.9	26.3	66.5	390.5	487.6	650.9	542.6	290.4	131.9	95.4	73.2	51.1	
5	39.9	25.3	69.2	399.5	492.1	645.9	533.2	276.6	129.6	95.4	73.2	51.1	
6	39.9	24.3	76.7	402.6	501.1	640.7	523.9	270.0	127.3	93.5	71.5	51.1	
7	37.7	24.3	84.0	410.7	510.2	630.5	510.2	260.1	127.3	93.5	71.5	49.6	
8	37.7	24.3	95.4	410.7	514.7	625.5	501.1	253.6	125.0	93.5	69.8	49.6	
9	36.4	24.3	109.7	427.2	519.3	620.4	492.1	247.2	122.8	93.5	69.8	49.6	
10	36.4	23.3	127.3	461.2	523.9	625.5	478.8	240.9	120.6	91.5	69.8	48.2	
11	36.4	22.3	131.9	492.1	528.6	630.5	470.0	234.7	120.6	91.5	69.8	48.2	
12	35.2	22.3	141.3	510.2	533.2	640.7	461.2	225.5	118.4	91.5	68.2	46.8	
13	35.2	26.3	148.8	523.9	542.6	656.1	448.3	219.5	118.4	91.5	66.5	46.8	
14	34.0	28.4	158.6	537.9	561.5	677.0	435.6	213.6	116.2	89.6	66.5	45.4	
15	34.0	40.2	186.4	542.6	580.8	682.2	427.2	207.7	116.2	89.6	64.9	45.4	
16	32.9	41.5	171.6	547.3	595.5	677.0	414.0	199.1	114.0	87.7	64.9	44.1	
17	32.9	41.5	179.6	552.0	610.4	677.0	406.6	196.2	111.9	87.7	64.9	42.8	
18	32.9	42.8	185.1	552.0	630.5	682.2	394.5	185.1	111.9	87.7	63.2	42.8	
19	31.7	42.8	190.6	547.3	656.1	682.2	382.6	182.3	111.9	85.8	63.2	42.8	
20	31.7	44.1	199.1	537.9	671.7	682.2	370.8	179.6	109.7	85.8	61.7	42.8	
21	31.7	45.4	201.9	533.2	677.0	677.0	359.2	176.9	109.7	84.0	60.1	41.5	
22	30.6	46.8	204.8	523.9	677.0	671.7	351.8	171.8	107.6	84.0	60.1	41.5	
23	30.6	48.8	220.6	514.7	677.0	666.5	344.1	166.4	107.6	82.1	60.1	40.2	
24			270.0	505.6	677.0	656.1	336.6	163.8	105.6	82.1	58.5	40.2	
25	29.5	51.1	286.8	501.1	677.0	645.9	329.3	158.6	105.6	80.3	58.5	40.2	
26	29.5	52.5	307.7	496.6	677.0	635.6	325.6	156.1	105.6	80.3	57.0	38.9	
27	28.4	52.5	325.6	492.1	671.7	625.5	322.0	153.6	103.5	78.5	57.0	38.9	
28	28.4	55.5	329.3	487.6	671.7	620.4	318.4	148.6	101.4	78.5	55.5	37.7	
29	28.4	57.0	340.4	483.2		605.4	314.9	122.8	101.4	76.7	55.5	37.7	
30	27.3	57.0	340.4	483.2		595.5	311.2	143.0	99.4	76.7	55.5	36.4	
31	27.3		351.6	483.2		590.6		141.3		75.0	54.0		
MEAN	33.7	37.3	182.0	479.7	582.0	649.2	427.0	200.0	116.4	87.7	64.9	45.0	241.0
MAX.	41.5	57.0	351.6	552.0	677.0	682.2	500.8	304.1	139.0	99.4	75.0	54.0	682.2
MIN.	27.3	22.3	59.5	363.1	465.6	590.6	311.2	122.8	99.4	75.0	54.0	36.4	22.3

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 435.6 Q(185day): 118.4 Q(275day): 55.5 Q(355day): 26.3

<<< MASTER PROGRAM for 00-05(Leap Year):Daily River W/L & Discharge >>>

HM ST.: 4-200 MACHIYA FERRY YEAR . 1963/64 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	3.03	2.73	3.46	4.15	5.73	7.50	5.77	4.04	3.33	3.09	2.93	2.70	
2	3.02	2.73	3.44	4.19	5.98	7.45	5.60	4.01	3.32	3.09	2.92	2.69	
3	3.00	2.75	3.44	4.20	5.96	7.41	5.50	3.97	3.31	3.09	2.91	2.69	
4	2.80	2.80	3.44	4.23	6.05	7.36	5.53	3.94	3.30	3.00	2.90	2.69	
5	3.00	2.82	3.49	4.25	6.15	7.30	5.46	3.90	3.29	3.07	2.90	2.60	
6	2.79	2.84	3.53	4.28	6.20	7.25	5.38	3.87	3.28	3.07	2.90	2.66	
7	2.79	2.86	3.62	4.35	6.37	7.19	5.31	3.84	3.27	3.06	2.99	2.65	
8	2.77	2.93	3.77	4.42	6.49	7.11	5.23	3.80	3.27	3.05	2.00	2.64	
9	2.76	2.98	3.91	4.50	6.59	7.05	5.16	3.79	3.26	3.05	2.97	2.64	
10	[illegible]6	3.00	4.04	4.59	6.64	6.96	5.10	3.74	3.25	3.04	2.97	2.64	
11	2.75	3.03	4.12	4.91	6.01	6.86	5.03	3.72	3.24	3.04	2.97	2.64	
12	2.74	3.00	4.22	4.93	6.94	6.79	4.97	3.69	3.23	3.04	2.97	2.63	
13	2.72	3.10	4.30	5.11	7.01	6.71	4.91	3.65	3.21	3.03	2.97	2.63	
14	2.72	3.10	4.36	5.20	7.06	6.64	4.85	3.63	3.20	3.02	2.96	2.61	
15	2.72	3.14	4.41	5.40	7.11	6.57	4.79	3.60	3.19	3.02	2.96	2.60	
16	2.71	3.10	4.45	5.40	7.27	6.51	4.74	3.59	3.19	3.02	2.95	2.60	
17	2.70	3.07	4.45	5.51	7.41	6.46	4.69	3.57	3.17	3.02	2.94	2.59	
18	2.69	3.07	4.46	5.51	7.57	6.43	4.64	3.54	3.17	3.01	2.94	2.58	
19	2.67	3.00	4.42	5.50	7.63	6.40	4.59	3.52	3.16	3.01	2.93	2.57	
20	2.65	3.00	4.38	5.44	7.66	6.39	4.52	3.50	3.15	3.00	2.92	2.57	
21	2.64	3.00	4.34	5.37	7.65	6.36	4.47	3.49	3.15	2.99	2.91	2.55	
22	2.62	3.00	4.29	5.34	7.65	6.33	4.41	3.47	3.14	2.99	2.00	2.54	
23	2.62	3.14	4.25	5.31	7.66	6.30	4.35	3.45	3.14	2.99	2.79	2.52	
24	2.61	3.27	4.23	5.32	7.66	6.27	4.31	3.43	3.14	2.90	2.70	2.52	
25	2.60	3.35	4.22	5.30	7.65	6.22	4.26	3.42	3.14	2.97	2.77	2.51	
26	2.59	3.39	4.25	5.29	7.63	6.17	4.22	3.40	3.13	2.97	2.77	2.51	
27	2.61	3.42	4.26	5.31	7.59	6.14	4.17	3.39	3.13	2.96	2.76	2.50	
28	2.63	3.45	4.24	5.30	7.56	6.07	4.12	3.37	3.12	2.96	2.75	2.49	
29	2.66	3.46	4.21	5.71	7.50	5.97	4.11	3.36	3.11	2.95	2.73	2.48	
30	2.70	3.46	4.17	5.50		5.91	4.09	3.35	3.10	2.94	2.72	2.47	
31	2.73		4.15	5.63		5.04		3.34		2.94	2.71		
MEAN	3.71	3.09	4.07	5.02	7.00	6.64	4.01	3.63	3.20	3.02	2.93	2.59	4.04
M .	2.03	3.46	4.46	5.71	7.66	7.50	5.77	4.04	3.33	3.09	2.93	2.70	7.66
MIN.	2.59	2.73	3.44	4.15	5.73	5.04	4.09	3.34	3.10	2.94	2.71	2.47	2.47

QM ST.: 4-200 MACHIYA FERRY YEAR . 1963/64 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	36.2	32.3	65.0	100.3	244.1	461.7	247.9	100.4	59.0	47.5	40.4	31.3	
2	35.7	32.5	64.4	110.0	257.2	454.3	230.4	98.4	58.4	47.2	40.0	31.0	
3	35.2	33.7	64.4	111.7	260.6	449.2	230.4	96.0	57.8	47.0	39.5	30.9	
4	35.2	35.1	64.4	113.4	270.6	441.5	223.7	94.1	57.4	46.0	39.3	30.9	
5	35.0	35.9	67.5	114.9	289.9	433.9	216.9	91.5	57.0	46.5	39.2	30.5	
6	34.7	36.5	69.7	117.3	303.0	426.4	209.2	89.6	56.5	46.4	39.9	29.9	
7	34.3	37.3	74.5	121.9	314.4	417.7	202.2	87.5	56.1	46.1	39.5	29.5	
8	33.9	40.3	83.6	127.5	329.3	407.0	195.1	85.5	55.8	45.7	39.1	29.2	
9	33.7	42.6	91.9	133.1	341.1	399.3	189.4	84.0	55.3	45.4	39.0	29.0	
10	33.6	43.4	100.2	140.4	347.9	388.5	182.9	81.9	54.7	45.2	37.9	28.9	
11	33.1	44.9	105.0	158.4	359.1	375.5	177.2	80.3	54.4	45.2	37.9	28.9	
12	32.9	47.0	112.7	168.7	384.9	365.8	171.6	78.7	53.8	44.9	37.7	28.8	
13	32.4	51.3	118.6	184.5	394.1	355.8	166.9	76.6	52.9	44.5	37.7	28.6	
14	31.9	51.5	122.8	199.4	401.3	346.7	162.8	75.2	52.5	44.4	37.5	28.1	
15	31.8	49.5	126.9	211.2	408.2	338.9	158.9	73.8	52.1	44.2	37.2	27.8	
16	31.6	47.7	129.6	218.9	420.9	331.5	152.6	72.6	51.3	44.1	36.9	27.5	
17	31.1	48.5	129.8	222.2	440.8	326.0	148.1	71.5	51.1	44.1	36.7	27.3	
18	30.6	49.3	130.3	222.2	471.7	322.4	144.8	70.3	51.1	44.0	36.5	27.0	
19	30.0	47.0	127.5	220.4	479.6	319.7	139.7	69.2	50.6	43.7	36.2	26.7	
20	29.5	47.0	124.1	215.0	484.1	316.6	135.2	68.0	50.2	43.2	35.7	26.5	
21	29.9	47.0	121.2	208.6	482.7	313.7	131.2	67.2	49.9	43.0	35 [illegible]	[illegible] 9	
22	29.5	47.5	117.7	205.1	483.6	309.8	128.6	66.2	49.8	42.9	35.0	25.7	
23	29.3	49.0	114.7	202.2	484.5	307.0	122.9	65.3	49.6	42.8	34.5	25.3	
24	28.0	56.1	113.4	203.7	485.0	303.4	119.5	64.2	49.6	42.5	34.3	25.0	
25	27.5	60.1	113.2	201.9	483.6	297.1	114.4	63.6	49.5	42.1	34.0	24.7	
26	[illegible]4	61.0	114.7	199.9	479.6	291.9	113.2	62.6	49.3	41.9	33.9	24.5	
27	28.0	63.4	115.5	202.2	474.9	288.8	109.1	62.0	49.2	41.7	33.4	24.4	
28	28.7	65.0	114.2	208.9	470.4	280.0	106.2	61.2	48.6	41.5	33.2	24.0	
29	29.7	65.7	112.1	241.9	461.2	270.0	105.1	60.7	48.4	41.2	32.4	23.7	
30	31.3	65.0	109.1	220.7		263.4	103.1	60.1	47.9	40.7	32.2	23.3	
31	32.5		107.8	234.1		255.6		59.3		40.6	31.5		
MEAN	31.7	47.7	104.1	179.0	398.3	350.3	161.2	75.4	52.7	44.1	36.4	27.5	124.0
M .	36.2	65.0	130.3	241.9	485.0	461.7	247.9	100.4	59.0	47.5	40.4	31.3	485.0
MIN.	27.4	32.3	64.4	100.3	244.1	255.6	103.1	59.3	47.9	40.6	31.5	23.3	23.3

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Low Regime (m3/s)]:

Q(95day): 150.4 Q(185day): 61.2 Q(275day): 38.1 Q(355day): 28.7

<<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-200 MACHIYA FERRY YEAR : 1964/65 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.45	2.20	2.91	3.63	6.31	6.20	5.22	3.99	3.20	2.94	2.83	2.50	
2	2.45	2.20	2.87	3.72	6.26	6.24	5.24	3.95	3.19	2.94	2.82	2.50	
3	2.44	2.20	2.87	3.92	6.17	6.10	5.25	3.91	3.19	2.93	2.82	2.56	
4	2.43	2.20	2.87	3.96	6.10	6.12	5.24	3.78	3.17	2.92	2.81	2.56	
5	2.42	2.20	2.87	4.13	6.03	6.05	5.21	3.76	3.15	2.92	2.80	2.55	
6	2.42	2.20	2.87	4.20	6.06	5.98	5.17	3.73	3.14	2.91	2.79	2.54	
7	2.41	2.22	2.87	4.23	6.09	5.95	5.13	3.69	3.13	2.91	2.78	2.54	
8	2.40	2.23	2.88	4.27	6.02	5.93	5.07	3.68	3.12	2.91	2.77	2.54	
9	2.39	2.32	2.90	4.40	5.93	5.91	5.07	3.64	3.12	2.91	2.76	2.55	
10	2.39	2.34	2.91	4.53	5.95	5.96	5.02	3.61	3.11	2.92	2.76	2.56	
11	2.39	2.42	2.93	4.76	5.96	5.94	4.95	3.58	3.11	2.92	2.75	2.57	
12			2.93	5.13	5.98	5.96	4.88	3.54	3.10	2.92	2.74	2.59	
13	2.36	2.53	2.94	5.09	5.94	5.95	4.84	3.52	3.09	2.91	2.74	2.59	
14	2.35	2.52	2.97	5.15	5.99	5.96	4.74	3.50	3.08	2.90	2.73	2.55	
15	2.34	2.52	2.96	5.26	6.00	5.98	4.69	3.47	3.08	2.90	2.72	2.55	
16	2.33	2.53	2.94	5.41	6.01	6.00	4.63	3.45	3.07	2.90	2.70	2.52	
17	2.33	2.52	2.91	5.64	6.05	6.00	4.58	3.43	3.06	2.90	2.69	2.52	
18	2.33	2.51	2.90	5.83	6.10	6.03	4.52	3.41	3.05	2.90	2.69	2.52	
19	2.32	2.50	2.89	6.00	6.10	6.03	4.47	3.39	3.04	2.89	2.69	2.50	
20	2.32	2.49	2.87	6.07	6.26	6.00	4.43	3.38	3.04	2.89	2.67	2.47	
21	2.32	2.50	2.87	6.20	6.30	5.97	4.38	3.36	3.02	2.89	2.66	2.45	
22	2.31	2.52	2.96	6.35	6.32	5.90	4.32	3.35	3.04	2.88	2.65	2.42	
23	2.31	2.52	3.01	6.31	6.31	5.79	4.27	3.32	3.03	2.88	2.65	2.38	
24	2.31	2.54	3.13	6.37	6.29	5.69	4.22	3.30	3.00	2.88	2.64	2.36	
25	2.30	2.55	3.18	6.40	6.27	5.60	4.17	3.29	2.99	2.87	2.63	2.36	
26	'9	2.61	3.21	6.38	6.31	5.54	4.11	3.27	2.98	2.87	2.62	2.38	
27	2.29	2.68	3.29	6.36	6.32	5.46	4.07	3.26	2.97	2.85	2.62	2.36	
28	2.27	2.76	3.36	6.34	6.31	5.40	4.02	3.25	2.96	2.84	2.62	2.35	
29	2.27	2.84	3.44	6.36		5.34	3.98	3.23	2.95	2.84	2.61	2.35	
30	2.27	2.89	3.50	6.36		5.29	3.93	3.22	2.94	2.83	2.60	2.34	
31	2.28		3.59	6.36		5.22		3.21		2.83	2.59		
MEAN	2.35	2.40	3.02	5.34	6.12	5.86	4.66	3.49	3.07	2.89	2.71	2.49	2.69
M .	2.45	2.89	3.59	6.40	6.32	6.20	5.25	3.99	3.20	2.94	2.83	2.59	6.40
MIN.	2.27	2.20	2.87	3.63	5.95	5.22	3.93	3.21	2.94	2.83	2.59	2.34	2.27

QM ST.: 4-200 MACHIYA FERRY YEAR : 1964/65 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	23.0	17.5	39.5	75.0	307.3	303.0	193.7	90.6	52.4	40.7	36.2	27.1	
2	22.7	17.7	37.0	80.3	301.7	299.2	195.9	89.1	51.9	40.6	35.9	26.9	
3	22.4	18.1	37.9	86.0	291.3	293.3	197.4	86.0	51.3	40.3	35.7	26.4	
4	22.0	18.2	37.7	95.4	283.7	286.1	195.9	84.2	50.9	40.0	35.5	26.3	
5	21.8	18.3	37.9	106.6	276.0	279.6	192.9	82.5	50.3	39.9	35.1	26.0	
6	21.6	18.3	38.0	111.2	279.3	270.3	189.2	81.2	49.8	39.7	34.7	25.7	
7	21.4	18.7	38.0	113.4	282.7	267.6	186.2	79.7	49.3	39.5	34.4	25.6	
8	''	19.0	38.3	116.6	274.6	265.7	181.0	77.1	48.9	39.4	33.9	25.6	
9	20.9	19.0	39.3	125.5	265.0	263.4	181.0	75.7	48.6	39.4	33.6	25.0	
10	20.6	19.4	39.5	135.9	256.5	269.0	176.1	73.9	48.4	39.9	33.3	25.2	
11	20.4	21.7	40.3	154.3	257.0	266.7	170.3	72.0	48.1	39.9	33.1	26.6	
12	''	1.4	40.4	165.9	259.0	269.0	164.0	70.0	47.7	39.9	32.9	27.2	
13	19.9	25.2	40.9	182.6	266.3	267.6	160.9	69.0	47.1	39.4	32.9	27.3	
14	19.8	25.1	42.0	197.6	272.0	260.3	152.8	67.0	47.0	39.2	32.5	26.1	
15	19.4	24.9	41.6	197.9	272.3	271.0	148.4	65.3	46.7	39.2	31.9	25.9	
16	19.2	25.2	40.6	212.1	274.0	272.3	143.3	65.2	46.4	39.2	31.3	24.9	
17	19.2	25.0	39.4	234.7	279.0	272.3	139.4	64.1	46.0	39.0	31.0	24.9	
18	19.2	24.5	38.9	254.6	283.7	276.0	135.4	63.2	45.7	38.9	30.8	24.9	
19	19.1	24.3	38.8	272.6	292.6	275.6	131.6	62.1	45.3	38.8	30.4	24.3	
20	19.0	24.1	37.9	314.0	302.4	273.3	128.0	61.3	44.9	38.6	30.0	23.3	
21	19.7	24.4	38.0	303.8	307.0	269.3	124.1	60.4	44.4	38.5	29.8	22.6	
22	18.6	24.9	41.6	311.9	309.4	259.4	120.6	59.8	45.2	38.4	29.5	21.8	
23	18.5	24.9	43.6	309.0	307.3	250.4	116.6	58.4	44.8	38.3	29.3	20.4	
24	18.4	25.5	48.2	315.2	305.2	240.3	112.5	57.6	43.2	38.3	29.0	20.0	
25	18.1	26.1	50.5	310.4	303.1	231.0	109.3	57.1	42.8	38.0	28.8	19.8	
26	17.9	27.9	52.9	315.5	300.0	224.3	105.8	56.1	42.5	37.7	28.5	20.0	
27	17.5	30.6	57.1	313.7	300.4	217.1	102.5	55.5	42.1	37.0	28.4	19.8	
28	17.4	33.7	60.7	311.2	307.3	211.2	99.4	54.9	41.7	36.7	28.3	19.7	
29	17.3	36.7	64.5	314.1		205.7	96.6	54.1	41.3	36.5	28.0	19.5	
30	17.5	39.0	68.0	313.4		199.8	93.5	53.7	40.9	36.3	27.5	19.5	
31	17.5		72.1	313.0		194.5		52.8		36.3	27.3		
MEAN	19.7	24.0	44.6	215.5	285.9	250.5	140.1	67.7	46.5	38.9	31.6	24.0	99.4
M .	23.0	39.0	72.1	313.4	309.4	303.0	197.4	90.6	52.4	40.7	36.2	27.3	313.4
MIN.	17.3	17.5	37.7	75.0	256.5	194.5	93.5	52.8	40.9	36.3	27.3	19.5	17.3

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 140.4 Q(185day): 42.8 Q(275day): 20.3 Q(355day): 10.2

<<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1965/66 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.34	2.24	2.52	3.19	3.65	5.57	5.50	3.93	3.20	2.93	2.70	2.49	
2	2.34	2.22	2.53	3.22	3.76	5.65	5.41	3.90	3.18	2.93	2.69	2.47	
3	2.35	2.22	2.53	3.24	3.91	5.73	5.34	3.85	3.17	2.92	2.69	2.47	
4	2.35	2.21	2.54	3.26	4.09	5.82	5.27	3.82	3.16	2.91	2.67	2.47	
5	2.35	2.20	2.57	3.29	4.21	5.95	5.22	3.78	3.15	2.90	2.66	2.47	
6	2.34	2.21	2.61	3.29	4.52	6.05	5.15	3.74	3.14	2.89	2.66	2.47	
7	2.34	2.21	2.64	3.30	4.56	6.15	5.15	3.70	3.12	2.89	2.65	2.46	
8	2.36	2.22	2.74	3.30	4.60	6.22	5.15	3.65	3.11	2.90	2.63	2.46	
9	2.37	2.23	2.86	3.30	4.72	6.30	5.15	3.64	3.12	2.87	2.63	2.45	
10	2.37	2.25	2.94	3.29	4.84	6.35	5.07	3.59	3.12	2.87	2.62	2.45	
11	2.35	2.29	2.90	3.29	4.97	6.40	4.97	3.55	3.11	2.86	2.62	2.44	
12	2.35	2.33	2.90	3.33	5.06	6.46	4.90	3.52	3.10	2.85	2.61	2.44	
13	2.34	2.40	2.99	3.33	5.13	6.50	4.82	3.51	3.09	2.84	2.61	2.43	
14	2.32	2.43	3.01	3.30	5.14	6.53	4.75	3.52	3.09	2.83	2.60	2.42	
15	2.30	2.43	3.04	3.27	5.17	6.56	4.71	3.53	3.09	2.83	2.59	2.41	
16			3.08	3.24	5.22	6.56	4.68	3.53	3.08	2.82	2.58	2.40	
17	2.31	2.42	3.10	3.23	5.26	6.55	4.65	3.52	3.07	2.81	2.58	2.39	
18	2.32	2.40	3.13	3.25	5.30	6.52	4.62	3.51	3.05	2.81	2.57	2.38	
19	2.31	2.55	3.21	3.26	5.34	6.49	4.57	3.50	3.03	2.80	2.57	2.37	
20	2.31	2.55	3.32	3.27	5.37	6.46	4.49	3.49	3.03	2.79	2.57	2.37	
21	2.30	2.54	3.31	3.31	5.38	6.41	4.41	3.48	3.02	2.78	2.56	2.37	
22	2.30	2.52	3.29	3.35	5.33	6.38	4.36	3.46	3.00	2.78	2.55	2.36	
23	2.29	2.50	3.31	3.39	5.31	6.33	4.33	3.43	2.99	2.77	2.55	2.35	
24	2.28	2.47	3.30	3.41	5.29	6.28	4.30	3.39	2.97	2.76	2.54	2.34	
25	2.29	2.45	3.28	3.38	5.36	6.19	4.24	3.35	2.97	2.78	2.52	2.34	
26			.24	3.39	5.40	6.10	4.20	3.32	2.95	2.76	2.52	2.33	
27	2.28	2.47	3.23	3.34	5.44	6.02	4.13	3.30	2.95	2.75	2.51	2.33	
28	2.28	2.51	3.22	3.35	5.52	5.93	4.07	3.28	2.94	2.74	2.51	2.32	
29	2.27	2.52	3.21	3.40		5.79	4.03	3.26	2.94	2.73	2.50	2.31	
30	2.26	2.53	3.21	3.44		5.71	3.98	3.24	2.94	2.72	2.49	2.31	
31	2.25		3.19	3.50		5.60		3.22		2.72	2.49		
MEAN	2.32	2.38	3.00	3.31	4.93	6.10	4.72	3.53	3.05	2.82	2.59	2.40	3.43
MAX.	2.37	2.55	3.32	3.50	5.52	6.56	5.50	3.93	3.20	2.93	2.70	2.49	6.56
MIN.	2.25	2.20	2.53	3.19	3.65	5.57	3.98	3.22	2.94	2.72	2.49	2.31	2.19

QM ST.: 4-200 MACHIYA FERRY YEAR : 1965/66 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	19.4	16.5	25.2	52.1	76.0	220.0	221.0	93.5	52.4	40.3	31.4	23.7	
2	19		4	53.2	82.7	235.2	212.4	91.2	51.6	40.2	31.0	23.5	
3	19.5	16.0	25.4	54.3	91.9	244.4	205.6	88.3	51.1	39.9	30.7	23.3	
4	19.5	15.7	25.5	55.6	103.7	254.0	199.1	86.2	50.6	39.4	30.3	23.3	
5	19.5	15.5	25.7	57.0	112.1	257.6	194.0	84.0	50.3	39.2	29.9	23.2	
6	19.3	15.7	26.0	57.1	134.9	270.3	187.0	81.0	49.6	39.0	29.7	23.2	
7	19.4	15.8	29.0	57.4	138.2	289.2	182.3	79.1	49.0	38.5	29.3	23.1	
8	19.0	16.1	32.7	57.6	147.7	297.5	197.3	76.6	48.4	38.1	29.0	23.0	
9	20.2	16.3	37.4	57.6	150.9	306.3	187.3	75.7	48.5	38.0	28.6	22.8	
10	20.1	16.7	40.7	56.7	160.9	311.9	180.9	72.7	48.0	37.7	28.5	22.7	
11	19.6	17.5	42.5	57.1	171.3	318.7	172.1	70.5	48.4	37.3	28.3	22.5	
12	19.5	18.9	42.5	59.0	178.9	325.3	165.3	69.0	47.7	36.9	28.1	22.2	
13	19.4	21.2	42.9	58.9	185.9	330.0	159.1	68.3	47.5	36.5	27.9	21.9	
14	18.8	22.0	43.7	57.4	186.7	334.4	153.6	68.8	47.4	36.4	27.6	21.6	
15	18.2	21.9	45.2	56.1	189.5	337.0	149.9	69.5	47.2	36.2	27.3	21.4	
16	18.3	21.6	47.0	54.4	194.5	337.4	147.2	69.7	47.0	35.8	27.1	21.1	
17	18.6	21.7	47.2	54.0	199.2	335.2	144.7	68.8	46.3	35.6	27.0	20.9	
18	18.7	23.7	49.3	55.0	201.4	332.2	143.0	68.3	45.6	35.3	26.7	20.5	
19	18.6	25.9	53.1	55.6	205.7	329.5	139.7	68.0	44.8	35.0	26.6	20.4	
20	19.5	26.0	50.2	55.9	209.0	324.9	132.1	67.2	44.5	34.6	26.5	20.3	
21	19.3	25.5	57.9	57.9	208.9	319.0	126.9	66.7	44.1	34.3	26.4	20.1	
22	19.1	24.9	56.0	60.1	204.0	316.2	123.2	65.7	43.3	34.1	26.1	19.9	
23	17.9	24.2	57.0	61.0	202.2	310.2	120.0	63.9	42.0	34.0	25.9	19.6	
24	17.7	23.4	57.6	63.1	200.5	302.0	118.4	61.8	42.2	33.7	25.5	19.4	
25	17.5	22.7	56.2	61.5	207.1	294.4	114.4	59.9	41.9	3		19.3	
26	17.7	22.4	54.4	61.0	211.2	283.7	111.7	59.0	41.6	33.3	25.0	19.1	
27	17.0	23.2	54.0	59.5	215.3	275.0	106.6	57.6	41.1	33.0	24.7	18.9	
28	17.7	24.6	53.2	59.0	222.5	265.3	102.7	56.5	40.8	32.7	24.5	18.7	
29	17.5	25.0	52.9	62.6		250.7	99.8	55.3	40.7	32.4	24.3	18.6	
30	17.1	25.2	52.8	64.9		241.9	96.4	54.4	40.6	32.2	24.1	18.4	
31	16.9		52.2	67.7		231.8		53.4		31.9	23.9		
MEAN	18.7	20.7	44.3	58.1	171.2	293.8	153.8	70.8	46.2	36.8	27.3	21.2	79.5
MAX.	20.2	26.0	58.2	67.7	222.5	337.4	221.0	93.5	52.4	40.3	31.4	23.7	337.4
MIN.	16.9	15.5	25.2	52.1	76.0	220.0	96.4	53.4	40.6	31.9	23.9	18.4	15.5

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2
[' Regime (m3/s)]:
Q(9day): 79.1 Q(185day): 45.6 Q(275day): 24.9 Q(355day): 16.9

<<< MASTER PROGRAM for DB-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4 200 MACHIYA FERRY YEAR : 1966/67 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.30	2.14	2.10	2.00	4.17	5.55	6.46	5.66	3.60	3.09	2.85	2.68	
2	2.30	2.13	2.17	2.79	4.10	5.72	6.46	5.60	3.50	3.00	2.85	2.64	
3	2.29	2.13	2.16	2.77	4.19	5.85	6.47	5.54	3.55	3.07	2.84	2.64	
4	2.29	2.12	2.16	2.80	4.27	5.94	6.49	5.49	3.52	3.06	2.84	2.63	
5	2.28	2.12	2.13	2.82	4.25	6.01	6.51	5.40	3.50	3.05	2.84	2.63	
6	2.27	2.12	2.16	2.86	4.22	6.05	6.51	5.29	3.47	3.04	2.83	2.63	
7	2.26	2.12	2.15	2.94	4.10	6.00	6.52	5.19	3.44	3.04	2.83	2.62	
8	2.25	2.13	2.15	3.00	4.10	6.10	6.51	5.11	3.42	3.03	2.82	2.66	
9	2.24	2.14	2.14	3.04	4.10	6.10	6.51	4.99	3.39	3.02	2.81	2.67	
10	2.23	2.15	2.15	3.17	4.17	6.09	6.50	4.90	3.37	2.76	2.80	2.62	
11	2.23	2.14	2.19	3.29	4.14	6.07	6.49	4.82	3.35	2.99	2.79	2.60	
12	2.22	2.13	2.23	3.36	4.13	6.03	6.48	4.72	3.33	2.98	2.78	2.56	
13	2.21	2.14	2.24	3.41	4.17	5.98	6.46	4.61	3.31	2.98	2.78	2.55	
14			2.24	3.50	4.15	5.90	6.42	4.53	3.29	2.97	2.77	2.54	
15	2.20	2.15	2.24	3.57	4.11	5.82	6.39	4.45	3.28	2.96	2.76	2.53	
16	2.20	2.15	2.25	3.62	4.05	5.78	6.36	4.30	3.27	2.95	2.76	2.52	
17	2.19	2.17	2.30	3.66	4.04	5.76	6.33	4.29	3.27	2.94	2.75	2.51	
18	2.19	2.18	2.40	3.66	4.06	5.76	6.29	4.22	3.27	2.94	2.75	2.51	
19	2.19	2.19	2.44	3.65	4.11	5.78	6.25	4.16	3.26	2.93	2.76	2.50	
20	2.17	2.19	2.55	3.65	4.20	5.84	6.21	4.09	3.23	2.91	2.75	2.49	
21	2.17	2.19	2.64	3.65	4.41	5.97	6.17	4.04	3.24	2.90	2.74	2.48	
22	2.17	2.17	2.68	3.66	4.50	5.96	6.14	3.97	3.22	2.90	2.73	2.47	
23	2.16	2.16	2.70	3.66	4.61	6.06	6.10	3.91	3.21	2.89	2.72	2.47	
24	2.16	2.15	2.83	3.68	4.75	6.15	6.07	3.86	3.19	2.88	2.71	2.46	
25	2.16	2.14	2.84	3.67	4.91	6.21	6.02	3.83	3.18	2.89	2.70	2.45	
26	2.16	2.14	2.85	3.72	5.05	6.25	5.95	3.78	3.17	2.88	2.70	2.44	
27	2.15	2.16	2.83	3.76	5.21	6.31	5.89	3.73	3.15	2.88	2.69	2.43	
28	2.14	2.18	2.83	3.82	5.43	6.35	5.83	3.71	3.13	2.87	2.69	2.42	
29	2.14	2.19	2.82	3.90		6.38	5.78	3.68	3.12	2.87	2.69	2.44	
30	2.14	2.19	2.81	4.04		6.41	5.72	3.65	3.11	2.86	2.68	2.43	
31	2.14		2.80	4.15		6.44		3.62		2.85	2.67		
MEAN	2.21	2.15	2.43	3.42	4.36	6.02	6.20	4.49	3.31	2.95	2.78	2.54	3.57
MAX.	2.30	2.19	2.85	4.15	5.43	6.44	6.52	5.66	3.60	3.09	2.85	2.67	6.52
MIN.	2.14	2.12	2.13	2.77	4.04	5.55	5.72	3.62	3.11	2.78	2.67	2.42	2.12

QM ST.: 4 200 MACHIYA FERRY YEAR : 1966/67 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	18.2	13.9	14.9	35.1	109.1	226.1	324.9	237.2	73.6	47.5	37.2	29.8	
2	18.1	13.8	14.6	34.5	110.4	242.5	326.0	230.4	72.4	47.1	37.0	29.2	
3	18.0	13.7	14.5	34.0	110.6	256.5	327.1	224.6	70.5	46.4	36.8	28.9	
4	17.9	13.5	14.4	35.1	116.6	266.7	328.9	220.1	69.2	46.0	36.7	28.8	
5	17.8	13.3	13.8	35.7	114.7	272.6	331.1	211.5	67.7	45.6	36.5	28.9	
6	17.4	13.3	14.4	37.2	112.7	279.0	331.9	200.5	66.0	45.2	36.4	28.6	
7	17.2	13.5	14.2	40.6	110.2	281.7	332.2	191.7	64.7	44.9	36.2	28.5	
8	16.9	13.8	14.2	43.4	110.0	283.7	331.9	183.7	63.4	44.5	35.9	28.7	
9	16.8	14.0	13.9	45.2	109.7	284.1	331.5	173.5	62.0	44.1	35.6	30.3	
10	16.3	14.1	14.2	51.2	109.3	282.7	330.7	165.6	60.9	43.8	35.0	29.2	
11	16.1	13.9	15.3	57.0	107.0	280.7	329.2	159.1	59.9	43.0	34.6	28.8	
12	16.0	13.6	16.4	60.7	106.4	276.3	328.2	150.4	59.0	42.6	34.4	28.3	
13	15.9	13.9	16.5	63.2	109.3	270.6	324.9	142.1	58.1	42.4	34.1	25.9	
14	15.7	14.1	16.5	67.7	108.5	261.7	322.4	135.6	57.0	41.8	33.8	25.5	
15	15.5	14.2	16.6	71.7	105.1	253.6	316.6	129.4	56.4	41.6	33.4	25.2	
16	15.4	14.3	16.9	74.6	101.4	249.1	312.4	124.1	55.9	41.2	33.3	24.9	
17	15.3	14.9	18.1	76.7	100.2	247.6	309.9	117.7	55.8	40.9	33.2	24.6	
18	15.1	14.9	21.2	76.7	101.9	247.6	305.2	113.2	55.0	40.6	33.4	24.5	
19	14.9	15.1	22.3	76.4	105.6	249.1	301.0	109.9	55.6	39.9	33.3	24.2	
20	14.9	15.1	25.0	76.0	116.9	255.9	295.9	104.1	54.0	39.5	33.1	23.9	
21	14.7	14.9	29.0	76.6	126.9	259.5	291.3	100.2	54.6	39.3	32.9	23.8	
22	14.6	14.6	30.6	76.9	133.5	269.0	288.5	96.2	53.7	39.9	32.5	23.5	
23	14.6	14.4	34.1	76.9	142.1	279.0	284.1	92.3	52.9	39.8	32.2	23.3	
24	14.6	14.2	36.1	76.9	153.3	289.5	280.3	88.7	52.2	39.4	31.7	23.1	
25	14.5	14.0	36.5	77.4	166.6	296.1	273.9	87.1	51.3	39.5	31.3	22.9	
26	14.4	14.0	36.9	80.1	179.9	300.3	267.3	84.2	50.9	39.4	31.1	22.2	
27	14.2	14.5	36.2	82.7	193.4	302.3	261.1	81.2	50.1	39.1	30.9	22.0	
28	14.0	15.0	36.1	86.4	213.6	302.6	254.9	79.0	49.3	39.0	30.8	21.8	
29	13.9	15.2	35.8	91.5		315.9	249.5	78.2	48.8	37.9	30.7	22.3	
30	13.9	15.2	35.6	100.6		319.5	243.1	76.6	48.2	37.5	30.5	22.1	
31	13.9		35.1	107.6		323.4		74.8		37.3	30.1		
MEAN	15.7	14.2	22.9	65.4	124.5	275.5	304.5	137.5	59.3	41.3	33.7	25.6	92.9
MAX.	18.2	15.2	36.9	107.6	213.6	323.4	332.2	237.2	73.6	47.5	37.2	30.3	332.2
MIN.	13.9	13.3	13.8	34.0	100.2	226.1	243.1	74.8	48.2	37.3	30.1	21.8	12.3

[Discharge Rating Curve]:Q=10.954*(H-1.012)^2

[' ' Regime (m3/s)]:

Q(5day): 110.0 Q(185day): 42.6 Q(275day): 23.9 Q(355day): 13.9

<<< MASTER PROGRAM for 00-05(Leap Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1967/68 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.43	2.39	2.74	3.43	6.12	5.22	5.25	4.03	3.19	2.95	2.93	2.59	
2	2.42	2.39	2.70	3.49	6.14	5.18	5.17	3.99	3.19	2.95	2.93	2.58	
3	2.41	2.47	2.73	3.56	6.14	5.09	5.09	3.94	3.19	2.95	2.92	2.57	
4	2.41	2.50	2.83	3.59	6.15	5.09	5.04	3.98	3.16	2.95	2.91	2.57	
5	2.41	2.58	2.94	3.61	6.14	5.10	4.97	3.93	3.15	2.95	2.90	2.57	
6	[illegible]1	2.59	2.93	3.71	6.09	5.07	4.91	3.79	3.14	2.96	2.79	2.57	
7	2.42	2.61	3.15	3.74	6.04	5.04	4.84	3.75	3.14	2.96	2.79	2.57	
8	2.41	2.64	3.20	3.77	5.97	5.07	4.79	3.71	3.13	2.95	2.77	2.57	
9	2.40	2.63	3.34	3.88	5.91	4.79	4.73	3.67	3.12	2.94	2.76	2.56	
10	2.39	2.62	3.37	3.97	5.87	5.15	4.67	3.65	3.11	2.94	2.76	2.55	
11	2.38	2.61	3.40	4.02	5.84	5.22	4.61	3.62	3.10	2.93	2.76	2.54	
12	2.37	2.58	3.41	4.05	5.83	5.29	4.55	3.59	3.09	2.93	2.75	2.54	
13	2.37	2.56	3.41	4.10	5.81	5.35	4.51	3.54	3.08	2.92	2.75	2.53	
14	2.36	2.54	3.39	4.29	5.82	5.47	4.47	3.51	3.07	2.91	2.74	2.52	
15	2.36	2.53	3.34	4.40	5.84	5.61	4.43	3.47	3.06	2.90	2.74	2.52	
16	2.35	2.55	3.31	4.54	5.87	5.69	4.38	3.45	3.04	2.89	2.73	2.51	
17	2.34	2.55	3.31	4.61	5.89	5.79	4.34	3.43	3.03	2.88	2.72	2.51	
18	2.33	2.56	3.33	4.69	5.88	5.89	4.29	3.39	3.02	2.87	2.72	2.50	
19	2.33	2.58	3.42	4.80	5.86	5.94	4.26	3.37	3.01	2.87	2.71	2.50	
20	2.32	2.59	3.44	4.92	5.82	6.00	4.20	3.34	3.00	2.87	2.69	2.49	
21	2.31	2.61	3.38	5.04	5.80	6.04	4.25	3.32	3.00	2.87	2.68	2.48	
22	2.30	2.61	3.33	5.18	5.75	6.06	4.23	3.30	2.99	2.86	2.67	2.48	
23	2.30	2.63	3.31	5.28	5.70	6.06	4.22	3.29	2.99	2.85	2.66	2.47	
24	2.30	2.64	3.25	5.37	5.65	6.03	4.26	3.27	2.98	2.85	2.65	2.47	
25	2.29	2.68	3.26	5.47	5.58	6.00	4.25	3.25	2.97	2.84	2.64	2.46	
26	2.29	2.76	3.28	5.63	5.54	5.95	4.22	3.23	2.97	2.84	2.62	2.45	
27	2.29	2.89	3.27	5.77	5.48	5.85	4.19	3.22	2.96	2.84	2.61	2.44	
28	2.31	2.97	3.29	5.89	5.37	5.75	4.15	3.21	2.96	2.83	2.60	2.44	
29	2.33	3.02	3.29	5.97	5.29	5.59	4.12	3.20	2.96	2.83	2.60	2.43	
30	2.34	2.79	3.32	6.03		5.46	4.08	3.19	2.96	2.83	2.59	2.42	
31	2.35		3.37	6.08		5.35		3.19		2.83	2.59		
MEAN	2.36	2.61	3.23	4.61	5.83	5.52	4.52	3.50	3.06	2.89	2.71	2.51	3.61
M.	2.42	2.89	3.44	6.08	6.15	6.09	5.25	4.03	3.19	2.96	2.93	2.60	6.15
MIN.	2.29	2.39	2.70	3.43	5.29	4.79	4.08	3.19	2.95	2.83	2.59	2.42	2.29

QM ST.: 4-200 MACHIYA FERRY YEAR : 1967/68 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	21.0	20.5	32.9	62.9	295.0	194.0	197.1	99.6	52.2	41.3	36.1	27.0	
2	21.7	20.4	31.4	67.2	287.9	189.4	189.9	96.6	51.9	41.2	35.9	26.9	
3	21.8	23.5	32.5	71.4	280.0	182.6	182.2	92.9	51.3	41.1	35.7	26.7	
4	21.4	25.9	36.3	72.0	289.2	181.3	177.7	90.4	50.8	41.1	35.5	26.6	
5	21.4	27.0	40.7	73.9	287.0	182.9	171.6	87.3	50.2	41.2	35.0	26.7	
6	21.5	25.8	44.8	79.0	281.4	180.7	166.4	84.9	49.8	41.6	34.6	26.6	
7	21.6	28.1	49.9	81.9	275.6	178.3	160.7	82.0	49.5	41.6	34.4	26.6	
8	21.5	28.9	56.4	83.6	270.0	180.7	156.6	79.8	49.1	41.1	34.0	26.5	
9	21.3	28.7	59.6	88.7	263.4	156.4	151.3	77.3	48.6	40.8	33.7	26.3	
10	20.8	28.4	60.9	96.0	258.5	187.8	146.7	76.6	48.2	40.6	33.4	26.0	
11	20.5	27.9	62.3	99.8	255.9	184.5	141.8	74.6	47.8	40.3	33.3	25.7	
12	20.3	27.0	63.2	101.2	254.9	200.2	137.3	72.7	47.4	40.2	33.1	25.6	
13	20.1	26.2	63.1	104.5	252.3	206.3	134.2	70.2	47.0	39.9	33.0	25.4	
14	19.9	25.6	61.8	117.5	253.3	210.3	130.9	68.3	46.4	39.4	32.9	25.1	
15	19.8	25.4	59.3	125.7	255.2	231.9	128.0	66.5	46.0	39.2	32.7	24.9	
16	19.6	26.0	57.9	136.1	259.0	240.0	124.1	65.0	45.2	39.0	32.5	24.7	
17	19.5	26.0	57.8	141.9	260.0	249.0	121.2	63.5	44.5	38.4	32.2	24.6	
18	19.1	26.4	58.8	140.1	259.9	260.0	117.9	62.1	44.2	38.0	31.8	24.4	
19	18.9	26.9	60.7	157.4	257.0	269.7	115.5	60.9	43.7	37.8	31.5	24.2	
20	18.7	27.3	64.4	167.7	253.5	272.6	116.0	59.6	43.4	37.7	31.0	24.0	
21	18.5	27.9	61.3	170.3	251.1	277.0	114.7	58.2	43.2	37.7	30.5	23.8	
22	18.3	28.1	59.0	180.4	245.7	279.0	113.4	57.4	42.9	37.4	30.0	23.7	
23	18.1	28.6	57.8	199.6	240.6	279.3	113.0	56.7	42.8	37.0	29.7	23.5	
24	18.1	29.2	55.0	208.0	235.9	278.0	115.5	55.9	42.6	36.9	29.3	23.3	
25	17.9	30.4	55.2	210.0	229.2	272.6	114.7	55.0	42.1	36.7	28.9	23.0	
26	18.0	33.7	55.2	234.1	224.3	267.6	112.9	54.1	41.8	36.7	28.5	22.8	
27	17.8	38.0	56.1	240.5	216.0	256.5	110.2	53.5	41.7	36.5	28.1	22.5	
28	18.6	37.9	56.8	261.4	209.0	246.6	108.3	52.9	41.6	36.4	27.8	22.3	
29	19.1	35.9	58.0	270.0	199.4	229.0	105.9	52.4	41.5	36.4	27.5	22.0	
30	19.3	34.4	58.5	276.0		216.5	103.1	52.1	41.5	36.3	27.4	21.7	
31	19.5		60.9	282.0		206.5		51.9		36.2	27.2		
MEAN	19.9	29.3	54.5	149.7	255.3	224.6	136.0	69.9	46.0	38.9	3		[illegible]
M.	21.8	30.0	64.4	282.0	289.2	279.3	197.1	99.6	52.2	41.6	36.1	27.0	289.2
MIN.	17.8	20.4	31.4	62.9	199.4	155.4	103.1	51.9	41.5	36.2	27.2	21.7	17.8

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Low Regime (m3/s)].

Q(95day): 117.9 Q(185day): 48.1 Q(275day): 29.2 Q(355day): 18.1

<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-200 MACHIYA FERRY YEAR : 1968/69 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.41	2.17	2.43	5.15	6.94	0.71	0.01	7.43	5.29	4.15	3.67	3.41	
2	2.39	2.16	2.52	5.23	7.03	0.66	0.02	7.37	5.22	4.14	3.66	3.40	
3	2.37	2.15	2.53	5.30	7.12	0.61	0.03	7.29	5.14	4.12	3.66	3.39	
4	2.36	2.15	2.56	5.54	7.24	0.53	0.03	7.24	5.07	4.10	3.69	3.36	
5	2.35	2.15	2.61	5.61	7.39	0.46	0.02	7.17	5.01	4.09	3.70	3.36	
6	2.34	2.15	2.65	5.71	7.51	0.39	0.06	7.11	4.95	4.07	3.69	3.34	
7	2.33	2.15	2.73	5.84	7.60	0.34	0.09	7.03	4.90	4.05	3.69	3.31	
8	2.32	2.15	2.80	5.99	7.68	0.29	0.00	6.96	4.84	4.03	3.68	3.29	
9	2.32	2.15	2.87	6.09	0.05	0.25	0.04	6.90	4.89	4.01	3.67	3.29	
10	2.31	2.15	2.87	6.17	0.23	0.23	0.02	6.85	4.75	3.99	3.66	3.25	
11	2.31	2.16	2.87	6.20	0.37	0.21	0.79	6.80	4.70	3.96	3.64	3.23	
12	[illegible]		.91	6.21	0.43	0.20	0.77	6.74	4.66	3.94	3.63	3.22	
13	2.30	2.19	2.97	6.25	0.50	0.18	0.74	6.69	4.63	3.92	3.61	3.20	
14	[illegible]	9	2.94	6.30	0.56	0.17	0.70	6.62	4.59	3.91	3.60	3.18	
15	2.29	2.19	3.04	6.26	0.73	0.17	0.62	6.55	4.55	3.90	3.59	3.16	
16	2.29	2.19	3.11	6.18	0.81	0.24	0.52	6.49	4.52	3.89	3.58	3.15	
17	2.28	2.21	3.15	6.11	0.88	0.30	0.43	6.42	4.49	3.88	3.57	3.13	
18	2.27	2.30	3.24	6.08	0.95	0.47	0.36	6.37	4.43	3.86	3.56	3.12	
19	2.26	2.32	3.46	6.09	0.96	0.45	0.29	6.29	4.40	3.85	3.55	3.10	
20	2.26	2.35	3.68	6.13	0.99	0.42	0.22	6.23	4.37	3.83	3.54	3.09	
21	2.26	2.40	4.16	6.14	0.99	0.46	0.16	6.14	4.30	3.82	3.54	3.09	
22	2.25	2.39	4.39	6.13	0.98	0.62	0.09	6.08	4.23	3.80	3.52	3.08	
23	2.24	2.37	4.43	6.11	0.98	0.63	0.01	6.00	4.31	3.79	3.51	3.02	
24	2.23	2.41	4.44	6.14	0.98	0.70	7.00	5.91	4.20	3.77	3.51	2.95	
25	2.22	2.40	4.47	6.21	0.95	0.70	7.02	5.83	4.25	3.75	3.49	2.94	
26	[illegible]	2.40	4.50	6.27	0.90	0.69	7.79	5.68	4.22	3.75	3.49	2.93	
27	2.21	2.40	4.57	6.31	0.93	0.70	7.72	5.65	4.22	3.72	3.47	2.91	
28				6.30	0.79	0.79	7.64	5.60	4.20	3.72	3.45	2.90	
29	2.19	2.39	4.79	6.42		0.84	7.57	5.52	4.18	3.71	3.45	2.[illegible]	
30	2.18	2.40	4.80	6.54		0.86	7.49	5.45	4.17	3.70	3.44	2.88	
31	2.18		5.09	6.77		0.85		5.36		3.69	3.42		
MEAN	2.29	2.26	3.49	6.06	0.33	0.49	0.40	6.44	4.59	3.90	3.50	3.15	5.06
MAX.	2.41	2.41	5.09	6.77	0.99	0.86	0.09	7.43	5.29	4.15	3.70	3.41	0.99
MIN.	2.18	2.15	2.43	5.15	6.94	0.17	7.49	5.36	4.17	3.69	3.42	2.88	2.15

QM ST.: 4-200 MACHIYA FERRY YEAR : 1968/69 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	21.5	14.6	22.0	100.1	394.9	649.4	667.5	452.2	200.5	108.3	77.6	63.2	
2	20.9	14.4	25.0	194.8	397.3	641.7	660.1	443.2	194.0	107.0	77.1	62.3	
3	20.4	14.2	25.2	209.2	409.1	633.0	669.1	432.2	188.5	105.8	76.7	61.5	
4	19.9	14.3	26.2	224.6	425.6	619.9	670.1	425.1	180.7	104.7	78.9	60.7	
5	19.6	14.1	27.9	231.9	446.2	607.4	660.1	415.2	175.6	103.7	79.4	60.2	
6	19.4	14.2	29.4	241.6	462.4	597.0	674.9	407.4	170.3	102.3	78.9	59.3	
7	19.0	14.1	32.3	255.2	475.2	589.1	679.1	397.7	166.1	101.2	78.7	58.1	
8	18.8	14.2	34.9	271.6	487.2	580.8	679.6	388.5	160.9	99.8	78.2	57.1	
9	18.7	14.3	37.8	283.0	542.6	575.0	672.2	380.6	157.1	98.6	77.6	56.3	
10	18.5	14.2	37.8	291.3	570.7	571.2	668.6	373.1	153.1	97.2	76.7	54.9	
11	18.4	14.6	37.7	295.1	593.1	568.7	663.9	367.7	149.4	95.2	75.9	54.1	
12	18.3	14.7	38.7	298.1	603.9	565.9	659.2	360.0	145.9	94.1	75.0	53.2	
13	18.1	15.0	42.0	301.3	614.4	563.9	655.1	352.0	143.3	92.5	73.9	52.4	
14	18.1	15.3	40.8	306.6	624.4	561.5	647.3	344.5	140.1	92.1	73.2	51.3	
15	17.9	15.3	45.0	302.0	652.5	562.5	635.1	336.6	137.3	91.3	72.4	50.5	
16	17.8	15.3	48.1	292.6	667.5	573.6	618.4	328.9	134.7	90.5	72.0	49.9	
17	17.5	15.7	50.3	284.7	679.1	591.8	603.9	320.2	131.9	89.8	71.7	49.3	
18	17.4	16.1	54.4	281.7	690.1	609.4	592.1	314.8	128.5	89.2	71.4	48.5	
19	17.2	16.7	65.7	282.4	691.7	606.4	581.3	305.9	126.2	88.3	70.7	47.9	
20	17.1	19.6	77.8	286.0	697.1	602.0	569.7	298.2	123.5	87.1	70.2	47.2	
21	17.0	21.3	100.7	287.0	697.1	607.9	560.1	290.9	124.1	86.2	69.8	46.8	
22	16.8	20.8	125.3	286.0	696.5	634.6	548.2	282.0	120.6	85.3	69.0	46.7	
23	16.5	20.4	127.0	285.4	695.5	625.6	537.4	273.3	119.0	84.3	68.7	44.6	
24	16.3	21.4	128.9	287.0	692.8	648.4	518.6	263.4	116.8	83.4	68.2	41.3	
25	16.0	21.3	130.8	296.1	690.1	647.9	507.4	254.9	115.1	83.1	67.5	40.8	
26	15.8	21.1	133.5	303.1	682.7	645.0	503.3	238.7	113.6	82.0	67.0	40.2	
27	15.7	21.0	139.0	308.0	670.1	640.4	492.9	235.9	112.5	81.0	66.2	39.7	
28	15.4	20.8	147.4	315.9	662.8	663.4	482.3	230.4	111.2	80.5	65.3	39.3	
29	15.2	20.9	156.4	320.2		671.2	471.7	222.5	110.0	80.0	65.0	38.8	
30	15.0	21.2	157.4	324.8		675.4	459.5	215.9	109.2	79.2	64.4	38.3	
31	14.9		162.1	362.5		672.8		206.8		78.3	63.7		
MEAN	17.7	17.2	75.4	291.0	593.0	612.3	600.8	327.8	141.9	91.7	72.3	50.5	237.7
MAX.	21.5	21.4	162.1	362.5	697.1	675.4	679.6	452.2	200.5	108.3	79.4	63.2	697.1
MIN.	14.9	14.1	22.0	100.1	394.9	561.5	459.5	206.8	109.2	78.3	63.7	38.3	14.1

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2
[H: m, Q: m3/s)]:
Q(5day): 397.3 Q(105day): 116.8 Q(275day): 49.3 Q(355day): 14.6

<<< MASTER PROGRAM for DB 05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1969/70 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.97	2.96	3.01	5.07	6.10	7.19	5.62	4.21	3.41	3.11	2.91	2.70	
2	2.96	3.00	3.01	5.09	6.20	7.17	5.55	4.10	3.40	3.10	2.91	2.69	
3	2.95	3.07	3.00	5.93	6.24	7.13	5.47	4.15	3.30	3.09	2.90	2.60	
4	2.94	3.11	3.03	5.97	6.33	7.11	5.39	4.09	3.27	3.08	2.89	2.67	
5	2.93	3.11	3.01	5.99	6.39	7.00	5.32	4.05	3.26	3.09	2.89	2.66	
6	2.93	3.10	3.04	6.06	6.45	7.04	5.25	4.01	3.25	3.07	2.88	2.65	
7	2.91	3.07	3.06	6.12	6.55	7.01	5.19	3.99	3.24	3.06	2.89	2.63	
8	2.79	3.04	3.12	6.16	6.61	6.99	5.12	4.06	3.33	3.04	2.87	2.62	
9	2.78	3.01	3.19	6.23	6.60	6.97	5.06	3.92	3.32	3.04	2.87	2.61	
10	2.77	3.00	3.23	6.25	6.73	6.95	4.99	3.89	3.31	3.03	2.87	2.59	
11	2.76	2.99	3.29	6.23	6.81	6.94	4.93	3.86	3.30	3.03	2.86	2.58	
12	2.75	2.98	3.33	6.20	6.87	6.91	4.86	3.82	3.29	3.03	2.85	2.58	
13	2.75	3.00	3.35	6.17	6.94	6.88	4.80	3.79	3.29	3.02	2.84	2.56	
14	2.74	2.97	3.40	6.11	6.99	6.85	4.75	3.76	3.27	3.02	2.83	2.55	
15	2.73	2.95	3.46	6.07	7.04	6.81	4.72	3.73	3.27	3.01	2.83	2.54	
16	2.73	2.97	3.50	6.00	7.10	6.77	4.68	3.71	3.25	3.01	2.82	2.53	
17	2.73	3.02	3.72	5.97	7.14	6.74	4.65	3.68	3.24	3.00	2.81	2.52	
18	2.72	3.08	3.93	5.96	7.16	6.67	4.64	3.65	3.23	2.99	2.80	2.51	
19	2.73	3.11	4.01	5.92	7.19	6.62	4.62	3.62	3.22	2.98	2.79	2.49	
20	2.74	3.09	4.10	5.92	7.11	6.57	4.61	3.61	3.22	2.98	2.79	2.48	
21	2.73	3.07	4.24	5.94	7.19	6.52	4.60	3.61	3.21	2.97	2.78	2.47	
22	2.75	3.05	4.45	5.98	7.20	6.48	4.58	3.58	3.19	2.95	2.77	2.47	
23	2.78	3.03	4.59	6.03	7.21	6.39	4.55	3.56	3.19	2.96	2.78	2.46	
24	2.81	3.01	4.80	6.11	7.22	6.32	4.53	3.54	3.17	2.96	2.78	2.45	
25	2.81	2.98	5.07	6.14	7.23	6.25	4.49	3.53	3.16	2.95	2.76	2.44	
26	2.78	2.98	5.29	6.11	7.24	6.15	4.44	3.51	3.15	2.95	2.75	2.44	
27	2.78	3.01	5.38	6.19	7.22	6.07	4.40	3.49	3.14	2.94	2.75	2.44	
28	2.78	3.03	5.55	6.22	7.21	5.98	4.35	3.47	3.13	2.94	2.74	2.43	
29	2.81	3.03	5.68	6.21		5.89	4.30	3.46	3.12	2.93	2.73	2.42	
30	2.84	3.02	5.78	6.19		5.81	4.26	3.44	3.12	2.93	2.72	2.40	
31	2.89		5.95	6.18		5.71		3.43		2.94	2.72		
MEAN	2.79	3.03	3.99	6.07	6.97	6.64	4.82	3.75	3.25	3.01	2.82	2.54	4.12
MAX.	2.89	3.11	5.95	6.25	7.24	7.19	5.62	4.21	3.41	3.11	2.91	2.70	7.24
MIN.	2.72	2.95	3.00	5.87	6.10	5.71	4.26	3.43	3.12	2.93	2.72	2.40	2.40

QM ST.: 4-200 MACHIYA FERRY YEAR : 1969/70 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	37.9	41.6	43.7	250.5	293.0	410.5	233.5	111.9	63.2	40.2	29.7	31.4	
2	37.4	42.4	43.7	261.1	295.1	415.2	225.5	109.7	62.3	47.9	29.4	31.0	
3	37.0	46.3	43.4	265.3	299.2	410.3	217.7	100.1	61.7	47.5	29.0	30.6	
4	36.8	48.2	44.8	269.3	309.8	407.4	210.3	103.7	60.9	47.0	30.0	30.1	
5	36.4	49.1	43.0	271.3	316.8	403.0	203.4	101.4	60.4	47.2	30.5	29.7	
6	36.1	47.7	45.0	279.3	324.5	398.9	197.4	98.4	59.9	46.3	30.4	29.3	
7	35.6	46.5	45.9	286.5	335.9	394.9	190.9	97.0	59.5	45.9	30.1	28.8	
8	34.7	45.2	49.1	290.9	343.3	391.3	185.1	101.7	59.0	45.3	30.0	28.5	
9	34.4	43.8	51.5	298.9	352.4	388.9	179.8	92.9	58.4	45.0	29.9	28.0	
10	33.9	43.3	53.0	300.3	358.1	385.9	173.7	90.8	57.9	44.0	29.7	27.4	
11	33.4	42.9	57.0	298.2	368.9	384.9	168.4	88.7	57.4	44.6	29.2	27.1	
12	33.1	42.4	58.7	295.6	378.2	381.9	162.7	86.6	57.0	44.5	29.0	26.8	
13	33.0	43.2	59.9	291.3	385.7	377.4	157.6	84.5	56.5	44.4	28.7	26.4	
14	32.7	42.9	62.3	285.4	391.3	373.1	153.3	82.9	55.9	44.1	28.3	26.0	
15	32.4	41.3	65.5	280.0	398.5	368.5	150.6	81.2	55.9	43.7	28.1	25.6	
16	32.3	41.8	72.0	273.3	407.0	363.1	147.4	79.6	54.9	43.6	25.7	25.2	
17	32.3	44.1	80.7	269.3	411.1	359.2	145.2	78.0	54.4	43.4	25.3	25.0	
18	32.2	47.1	93.1	268.3	414.9	351.2	144.5	76.6	54.0	43.0	24.9	24.8	
19	32.4	48.2	98.9	264.3	417.3	344.9	143.9	75.3	53.7	42.6	24.6	24.1	
20	32.6	47.4	104.7	263.7	408.2	339.2	141.6	74.3	53.4	42.4	24.5	23.7	
21	32.4	48.5	114.2	266.3	410.1	332.6	141.1	73.8	52.9	42.1	24.1	23.5	
22	33.1	45.4	130.1	270.2	419.7	325.6	139.7	72.2	52.2	41.7	23.9	23.3	
23	34.1	44.6	140.6	276.3	421.0	317.3	138.2	71.4	51.8	41.6	23.7	22.9	
24	35.5	43.8	157.6	285.1	422.2	309.1	135.6	70.3	51.2	41.5	23.4	22.7	
25	35.3	42.6	180.2	288.2	423.5	300.6	132.4	69.5	50.6	41.3	23.3	22.5	
26	34.4	42.8	201.1	284.4	424.7	289.9	129.1	68.5	50.3	41.1	23.1	22.4	
27	34.3	43.7	209.9	284.4	423.5	280.7	125.5	67.2	49.6	40.9	23.0	22.3	
28	34.4	44.8	225.8	287.1	421.8	270.8	122.1	66.3	49.2	40.6	22.9	22.1	
29	35.6	44.5	239.4	295.8		261.4	118.6	65.5	48.8	40.4	22.5	21.7	
30	36.7	44.2	248.8	294.0		252.0	115.7	64.7	48.5	40.2	22.2	21.3	
31	38.8		256.5	293.0		242.2		64.1		40.7	21.8		
MEAN	34.6	44.6	107.1	281.1	377.9	349.7	161.8	83.1	55.4	43.2	25.7	25.8	132.8
MAX.	38.8	49.2	256.5	300.3	424.7	410.5	233.5	111.9	63.2	49.2	29.7	31.4	424.7
MIN.	32.2	41.3	43.4	250.5	293.0	242.2	115.7	64.1	48.5	40.2	21.8	21.3	21.3

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2
[' ' : Regime (m3/s)]:
Q(5day): 225.8 Q(105day): 55.5 Q(275day): 39.4 Q(355day): 22.7

<< MASTER PROGRAM for DD 05(Normal Year).Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1970/71 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.42	2.39	3.40	5.63	7.34	7.04	7.64	5.51	4.11	3.50	3.31	2.97	
2	2.41	2.39	3.55	5.64	7.41	7.05	7.50	5.44	4.09	3.57	3.30	2.97	
3	2.41	2.38	3.69	5.67	7.46	7.05	7.53	5.37	4.05	3.56	3.29	2.96	
4	2.40	2.37	3.79	5.67	7.52	7.00	7.47	5.30	4.02	3.55	3.28	2.94	
5	2.40	2.37	3.87	5.86	7.59	7.02	7.42	5.23	4.00	3.54	3.28	2.87	
6	2.42	2.38	3.96	5.90	7.62	7.05	7.36	5.17	3.97	3.52	3.27	2.92	
7	2.41	2.34	4.04	6.12	7.75	7.07	7.40	5.09	3.95	3.52	3.26	2.91	
8	2.43	2.34	4.14	6.24	7.73	7.07	7.24	5.04	3.91	3.51	3.25	2.90	
9	2.44	2.34	4.20	6.39	7.70	7.04	7.17	4.99	3.90	3.50	3.23	2.89	
10	2.44	2.40	4.44	6.42	7.03	7.02	7.09	4.92	3.00	3.40	3.22	2.89	
11	2.43	2.45	4.47	6.50	7.06	7.00	7.12	4.86	3.08	3.47	3.20	2.88	
12			4.51	6.60	7.09	7.00	6.95	4.81	3.03	3.47	3.19	2.88	
13	2.42	2.56	4.53	6.60	7.90	7.07	6.88	4.75	3.02	3.46	3.10	2.87	
14	2.41	2.58	4.54	6.77	7.90	7.06	6.82	4.70	3.00	3.45	3.16	2.87	
15	2.40	2.66	4.50	6.82	7.90	7.05	6.73	4.66	3.70	3.44	3.15	2.87	
16	2.40	2.76	4.49	6.87	7.09	7.05	6.66	4.61	3.77	3.44	3.14	2.87	
17	2.40	2.86	4.50	6.90	7.08	7.05	6.57	4.57	3.75	3.43	3.12	2.86	
18	2.40	2.89	4.49	6.94	7.08	7.04	6.50	4.53	3.74	3.43	3.11	2.86	
19	2.39	2.80	4.46	6.98	7.00	7.05	6.42	4.49	3.73	3.42	3.10	2.86	
20	2.39	2.82	4.51	6.90	7.09	7.00	6.39	4.47	3.71	3.41	3.09	2.84	
21	2.39	2.79	4.75	6.99	7.00	7.01	6.25	4.44	3.70	3.41	3.08	2.83	
22	2.38	2.76	5.07	7.06	7.07	7.02	6.20	4.40	3.69	3.40	3.07	2.82	
23	2.38	2.75	5.26	7.00	7.06	7.02	6.12	4.36	3.68	3.40	3.08	2.80	
24	2.37	2.74	5.45	7.09	7.05	7.01	6.05	4.35	3.66	3.38	3.05	2.80	
25	2.37	2.86	5.56	7.10	7.03	7.01	5.97	4.33	3.65	3.38	3.04	2.79	
26	2.36	3.12	5.61	7.12	7.02	7.09	5.09	4.29	3.64	3.37	3.03	2.78	
27	2.37	3.29	5.69	7.12	7.02	7.05	5.02	3.96	3.62	3.36	3.03	2.77	
28	2.38	3.37	5.69	7.17	7.04	7.02	5.74	4.23	3.62	3.35	3.01	2.77	
29	2.37	3.37	5.69	7.21		7.79	5.66	4.21	3.60	3.34	3.01	2.76	
30	2.36	3.42	5.69	7.25		7.74	5.58	4.18	3.59	3.33	2.99	2.75	
31	2.37		5.67	7.20		7.69		4.15		3.32	2.98		
MEAN	2.40	2.70	4.66	6.65	7.77	7.07	6.67	4.69	3.90	3.44	3.14	2.86	4.70
M .	2.44	3.42	5.69	7.20	7.90	7.07	7.64	5.51	4.11	3.50	3.31	2.97	7.07
MIN.	2.36	2.34	3.40	5.63	7.34	7.69	5.58	3.96	3.59	3.32	2.98	2.75	2.34

QM ST.: 4-200 MACHIYA FERRY YEAR : 1970/71 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	21.6	20.7	67.0	233.0	439.4	511.1	481.0	222.2	105.6	72.4	57.9	42.2	
2	21.5	20.8	70.7	234.7	442.3	512.0	473.5	214.7	103.7	71.9	57.6	42.0	
3	21.4	20.5	78.2	237.5	456.1	512.4	465.2	209.3	101.0	71.0	57.0	41.5	
4	21.1	20.4	84.5	237.0	463.9	517.0	456.9	201.4	99.0	70.5	56.5	40.9	
5	21.2	20.2	89.4	258.2	474.2	522.5	449.6	195.1	97.6	69.8	56.2	37.9	
6	21.6	20.0	95.4	271.0	478.8	527.2	441.9	189.2	95.6	69.2	55.8	39.9	
7	21.4	19.5	100.4	286.1	497.9	530.9	447.9	182.6	94.5	68.8	55.2	39.4	
8	21.9	19.3	107.0	299.9	494.2	530.4	424.7	177.5	92.3	68.2	54.7	38.9	
9	22.4	19.2	117.1	317.7	501.5	526.7	415.2	172.7	91.2	67.7	54.0	38.8	
10		21.0	129.1	320.6	509.7	523.0	405.4	167.4	90.2	67.0	53.4	38.5	
11	22.1	22.7	131.2	330.7	514.7	504.7	409.1	162.5	89.7	66.5	52.7	38.3	
12	22.0	24.1	134.2	342.2	518.4	517.5	386.9	157.9	87.3	66.0	51.9	38.1	
13	21.6	26.2	135.6	352.0	520.7	515.7	377.9	153.3	86.6	65.7	51.3	38.0	
14	21.4	26.9	136.1	363.0	520.2	513.0	369.2	149.1	85.3	65.0	50.5	38.0	
15	21.1	29.9	133.1	369.6	520.2	512.9	359.9	145.7	84.0	64.7	50.1	37.9	
16	21.2	33.3	132.6	375.9	517.9	512.9	349.4	141.8	83.2	64.5	49.5	37.7	
17	21.1	37.3	133.5	380.2	517.0	512.4	339.5	139.5	82.1	64.2	49.0	37.5	
18	21.0	39.0	132.9	385.3	514.7	511.5	329.6	135.9	81.0	64.1	48.2	37.3	
19	20.7	38.4	130.5	387.3	516.6	513.4	320.6	132.9	81.0	63.7	47.9	37.5	
20	20.7	35.9	134.0	390.9	516.8	517.5	310.5	130.8	79.8	63.2	47.2	36.7	
21	20.6	34.3	152.1	392.1	517.0	521.2	301.3	128.9	79.1	63.1	47.0	36.1	
22	20.5	33.4	180.4	401.3	515.7	523.0	294.7	126.2	78.5	62.6	46.3	35.7	
23	20.5	33.1	197.9	404.2	513.0	523.0	286.1	123.0	77.0	62.3	46.0	35.2	
24	20.3	32.6	216.5	405.4	512.0	521.6	278.0	121.9	77.1	61.7	45.6	34.9	
25	20.1	37.4	226.7	405.0	509.7	521.6	269.6	120.3	76.4	61.3	45.3	34.6	
26	19.9	40.6	231.3	409.1	500.3	517.9	260.0	117.9	75.7	61.2	44.9	34.4	
27	20.1	57.0	239.7	408.7	500.3	513.4	253.0	95.4	74.8	60.7	44.6	34.0	
28	20.0	60.9	240.3	416.4	511.1	500.0	244.7	113.8	74.5	59.9	43.6	33.8	
29	20.1	61.0	240.0	421.0		502.0	236.9	111.9	73.6	59.5	43.8	33.3	
30	19.9	60.4	239.7	426.0		497.0	229.2	110.0	72.7	58.8	43.0	33.0	
31	20.2		237.9	431.4		489.4		107.9		58.4	42.6		
MEAN	21.0	32.6	150.9	351.5	501.3	515.7	355.6	150.2	85.7	65.0	50.0	37.4	191.2
M .	22.5	60.4	240.3	431.4	520.7	530.9	481.0	222.2	105.6	72.4	57.9	42.2	530.9
MIN.	19.9	19.2	67.0	233.0	439.4	489.4	229.2	95.4	72.7	58.4	42.6	33.0	19.2

(Discharge Rating Curve):Q=10.964*(H-1.012)^2
[' ' Regime (m3/s)]:
Q(95day): 342.2 Q(185day): 92.3 Q(275day): 44.6 Q(355day): 20.2

<< MASTER PROGRAM for 00-05(Leap Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1971/72 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.73	2.55	2.97	4.44	5.17	5.47	6.27	5.45	4.05	3.49	3.19	2.91	
2	2.72	2.54	2.93	4.46	5.17	5.50	6.29	5.39	4.04	3.40	3.17	2.90	
3	2.72	2.53	2.91	4.47	5.17	5.52	6.33	5.36	4.00	3.47	3.16	2.90	
4	2.71	2.50	2.91	4.69	5.19	5.57	6.35	5.35	3.99	3.46	3.16	2.90	
5	2.70	2.51	2.91	4.85	5.20	5.62	6.39	5.35	3.94	3.45	3.16	2.89	
6	2.69	2.51	2.94	4.97	5.22	5.69	6.39	5.35	3.92	3.45	3.15	2.88	
7	2.67	2.49	2.99	5.11	5.22	5.81	6.42	5.32	3.89	3.44	3.14	2.87	
8	2.66	2.50	3.06	5.24	5.20	5.89	6.44	5.31	3.85	3.43	3.13	2.87	
9	2.65	2.53	3.14	5.30	5.19	6.03	6.46	5.26	3.83	3.42	3.12	2.86	
10	2.65	2.51	3.17	5.33	5.19	6.21	6.48	5.20	3.80	3.42	3.11	2.85	
11	2.64	2.50	3.21	5.32	5.20	6.33	6.48	5.16	2.77	3.40	3.10	2.85	
12	2.62	2.52	3.19	5.32	5.19	6.36	6.49	4.90	3.76	3.39	3.10	2.85	
13	2.61	2.55	3.16	5.29	5.20	6.39	6.47	5.04	3.74	3.38	3.09	2.84	
14			3.16	5.28	5.21	6.39	6.46	4.96	3.72	3.37	3.08	2.82	
15	2.59	2.51	3.19	5.21	5.23	6.42	6.42	4.85	3.71	3.36	3.07	2.81	
16	2.60	2.62	3.22	5.20	5.24	6.44	6.38	4.80	3.69	3.35	3.07	2.80	
17	2.60	2.67	3.22	5.20	5.25	6.48	6.34	4.74	3.67	3.34	3.06	2.78	
18	"	"	3.25	5.20	5.26	6.49	6.28	4.70	3.65	3.33	3.05	2.76	
19	2.59	2.85	3.36	5.20	5.25	6.51	6.22	4.61	3.64	3.32	3.04	2.76	
20	2.65	2.94	3.45	5.19	5.24	6.51	6.17	4.55	3.62	3.31	3.04	2.75	
21	2.72	3.10	3.55	5.16	5.25	6.50	6.10	4.52	3.61	3.30	3.03	2.73	
22	"	"	3.69	5.13	5.27	6.49	6.05	4.49	3.60	3.29	3.01	2.73	
23	2.79	3.30	3.81	5.00	5.30	6.49	5.99	4.43	3.59	3.27	3.01	2.73	
24	2.76	3.29	3.90	5.06	5.33	6.48	5.93	4.37	3.57	3.25	3.00	2.72	
25	2.71	3.27	4.00	5.04	5.36	6.45	5.83	4.30	3.56	3.26	2.99	2.72	
26	"	"2	4.13	5.08	5.39	6.50	5.75	4.26	3.54	3.25	2.95	2.71	
27	2.64	3.15	4.24	5.11	5.39	6.69	5.69	4.22	3.53	3.23	2.94	2.70	
28	2.61	3.10	4.36	5.11	5.41	6.36	5.62	4.18	3.52	3.22	2.93	2.69	
29	2.59	3.08	4.40	5.15	5.42	6.32	5.54	4.15	3.51	3.19	2.93	2.67	
30	"57	3.01	4.42	5.15		6.30	5.49	4.11	3.49	3.20	2.92	2.67	
31	2.56		4.40	5.13		6.27		4.08		3.19	2.91		
MEAN	2.65	2.79	3.46	5.09	5.25	6.21	6.10	4.80	3.73	3.35	3.06	2.80	4.11
M .	2.80	3.30	4.42	5.33	5.42	6.69	6.49	5.45	4.05	3.49	3.19	2.91	6.69
MIN.	2.56	2.49	2.91	4.44	5.17	5.47	5.49	4.08	3.49	3.19	2.91	2.67	2.49

QM ST.: 4-200 MACHIYA FERRY YEAR : 1971/72 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	32.5	26.1	42.1	120.7	109.2	210.0	303.1	215.6	101.9	67.2	51.3	39.4	
2	32.2	25.7	40.4	130.3	108.5	220.4	305.9	210.3	100.5	67.0	51.1	39.3	
3	31.0	24.9	39.4	131.2	109.2	224.0	309.9	207.4	99.0	66.2	50.9	39.2	
4	31.6	24.4	39.5	148.1	110.1	227.3	313.0	205.0	96.4	65.8	50.6	38.9	
5	31.1	24.7	39.5	161.2	112.3	233.2	316.6	206.0	94.3	65.3	50.5	39.5	
6	"1.7	24.9	40.0	171.9	114.3	240.0	317.7	206.3	92.5	65.0	50.3	38.3	
7	30.1	24.0	42.5	183.7	114.0	252.7	320.2	203.9	90.9	64.5	49.9	38.0	
8	"1.9	24.2	46.0	196.2	112.0	261.1	323.1	202.5	88.7	64.2	49.2	37.7	
9	29.6	25.2	49.8	201.4	111.5	275.6	325.6	198.2	87.1	63.9	48.8	37.3	
10	29.3	24.9	51.2	204.2	111.5	286.8	327.5	192.6	85.1	63.5	48.4	37.2	
11	29.9	24.4	53.1	203.9	112.0	310.2	328.2	188.4	83.4	62.8	47.9	37.2	
12	29.4	24.9	51.9	203.4	111.7	313.0	328.5	185.3	82.5	62.0	47.7	37.0	
13	29.1	25.8	50.8	200.8	112.3	316.6	327.1	178.0	81.6	61.5	47.4	36.7	
14	27.8	27.0	50.6	199.9	112.9	317.7	325.3	170.8	80.7	61.0	47.0	35.8	
15	27.3	28.0	52.1	193.4	115.4	320.6	320.6	161.7	79.5	60.5	46.5	35.6	
16	27.5	28.3	53.5	192.0	115.7	323.1	315.9	157.6	78.5	59.8	46.3	35.2	
17	27.6	30.3	53.4	192.3	117.1	328.2	311.2	152.6	77.6	59.5	45.9	34.5	
18	27.0	33.1	54.7	192.6	117.6	328.2	303.0	149.4	76.2	59.0	45.4	33.7	
19	27.4	37.2	60.7	192.0	116.5	331.5	297.0	141.0	75.5	59.2	45.2	33.3	
20	29.4	40.0	65.2	190.3	116.2	331.1	291.3	137.5	74.0	57.9	44.9	33.0	
21	32.2	49.2	70.5	188.7	116.0	330.7	283.4	134.9	74.1	57.4	44.5	32.5	
22	34.9	54.7	79.7	185.6	118.0	329.3	278.6	132.6	73.2	56.7	43.8	32.5	
23	34.5	57.6	86.0	181.5	201.9	327.5	271.3	127.8	72.4	56	"	"2.4	
24	33.4	56.8	91.2	179.5	204.8	325.6	265.7	123.5	71.7	55.6	43.3	32.2	
25	31.7	55.9	102.9	177.5	206.9	323.0	254.3	118.9	71.0	55.2	42.5	31.9	
26	30.1	53.5	106.6	181.3	209.2	320.7	246.0	115.3	70.3	54.9	41.1	31.5	
27	28.9	50.2	114.4	194.0	210.9	353.5	240.3	112.7	69.3	54.0	40.6	31.1	
28	27.9	47.7	123.0	194.5	212.1	312.7	233.8	109.7	68.8	53.4	40.2	30.6	
29	27.2	46.0	125.9	197.8	213.3	309.4	224.3	107.6	68.3	51.6	40.2	30.1	
30	26.7	43.8	127.1	197.0		306.6	219.8	104.9	67.5	52.4	39.8	30.0	
31	26.3		125.7	196.2		302.7		103.2		51.8	39.7		
MEAN	29.7	35.5	80.7	182.8	137.1	297.5	294.2	159.5	81.1	59.8	45.9	35.8	123.9
M .	34.9	57.6	127.1	204.2	212.3	353.5	328.5	215.6	101.9	67.2	51.3	39.4	353.5
MIN.	26.3	24.8	39.4	129.7	109.2	210.8	219.8	103.2	67.5	51.8	39.7	30.8	24.8

[Discharge Rating Curve]:Q=10.994*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(1 day): 193.4 Q(185day): 72.4 Q(275day): 41.1 Q(355day): 25.8

<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1972/73 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.64	2.56	2.42	2.09	3.20	4.96	3.93	3.26	2.70	2.54	2.45	2.33	
2	2.64	2.56	2.44	2.07	3.25	5.00	3.87	3.24	2.69	2.53	2.45	2.33	
3	2.62	2.53	2.43	2.06	3.22	5.06	3.83	3.22	2.69	2.52	2.44	2.32	
4	2.61	2.51	2.49	2.05	3.19	5.08	3.79	3.19	2.69	2.52	2.44	2.32	
5	2.61	2.50	2.40	2.05	3.16	5.11	3.77	3.16	2.68	2.52	2.44	2.33	
6	2.61	2.48	2.40	2.05	3.13	5.08	3.69	3.13	2.67	2.52	2.43	2.31	
7	2.60	2.49	2.49	2.03	3.12	5.01	3.64	3.11	2.65	2.51	2.42	2.31	
8	2.60	2.51	2.49	2.04	3.16	4.90	3.61	3.08	2.65	2.51	2.42	2.31	
9	2.59	2.52	2.52	2.90	3.19	4.82	3.58	3.06	2.64	2.51	2.42	2.30	
10	2.58	2.51	2.52	2.91	3.27	4.77	3.55	3.04	2.63	2.51	2.42	2.30	
11	2.62	2.49	2.51	2.96	3.20	4.72	3.52	3.02	2.62	2.51	2.41	2.30	
12	2.60	2.40	2.05	3.03	3.32	4.60	3.52	3.00	2.61	2.50	2.41	2.29	
13	2.60	2.52	2.50	3.13	3.30	4.60	3.53	2.98	2.61	2.49	2.41	2.29	
14	2.60	2.54	2.61	3.18	3.47	4.78	3.57	2.94	2.61	2.49	2.40	2.28	
15	2.59	2.56	2.63	3.30	3.64	4.79	3.59	2.94	2.60	2.49	2.40	2.27	
16	2.58	2.55	2.64	3.36	3.82	4.78	3.61	2.92	2.60	2.49	2.39	2.26	
17	2.58	2.55	2.65	3.45	3.95	4.73	3.62	2.90	2.60	2.48	2.38	2.26	
18	[illegible]5	2.51	2.66	3.58	4.04	4.65	3.62	2.89	2.58	2.48	2.37	2.26	
19	2.54	2.49	2.70	3.52	4.09	4.57	3.61	2.87	2.55	2.48	2.37	2.26	
20	2.53	2.46	2.76	3.54	4.10	4.46	3.60	2.85	2.51	2.48	2.37	2.26	
21	2.52	2.45	2.80	3.52	4.25	4.37	3.55	2.83	2.61	2.47	2.37	2.25	
22	2.51	2.44	2.84	3.48	4.46	4.27	3.53	2.82	2.60	2.47	2.37	2.25	
23	2.51	2.43	2.90	3.36	4.52	4.23	3.50	2.80	2.60	2.47	2.37	2.25	
24	2.49	2.41	2.93	3.30	4.60	4.17	3.46	2.79	2.60	2.47	2.37	2.24	
25	2.49	2.42	2.94	3.26	4.75	4.12	3.42	2.78	2.59	2.46	2.36	2.23	
26	2.48	2.42	2.98	3.22	4.80	4.09	3.39	2.76	2.57	2.46	2.36	2.23	
27	2.48	2.43	2.93	3.18	4.87	4.05	3.37	2.74	2.57	2.46	2.35	2.22	
28	[illegible]9	2.46	2.91	3.15	4.93	4.05	3.34	2.73	2.56	2.46	2.35	2.21	
29	2.52	2.45	2.96	3.19		4.04	3.31	2.72	2.55	2.46	2.34	2.20	
30	2.54	2.44	2.94	3.25		4.03	3.28	2.72	2.55	2.45	2.34	2.20	
31	2.55		2.89	3.29		3.99		2.71		2.45	2.33		
MEAN	2.56	2.49	2.69	3.16	3.89	4.50	3.57	2.94	2.61	2.49	2.39	2.27	2.96
MAX.	2.64	2.56	2.90	3.58	4.93	5.11	3.93	3.26	2.70	2.54	2.45	2.33	5.11
MIN.	2.49	2.41	2.42	2.03	3.12	3.99	3.28	2.71	2.51	2.45	2.33	2.20	2.20

QM ST.: 4-200 MACHIYA FERRY YEAR : 1972/73 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	29.2	26.2	23.0	30.5	56.5	170.0	93.3	55.5	31.1	25.5	22.6	19.0	
2	28.9	26.2	23.2	27.7	55.0	174.3	89.6	54.6	31.0	25.3	22.6	19.0	
3	28.6	25.2	23.0	27.3	53.4	179.9	87.3	53.7	30.9	25.0	22.5	19.0	
4	28.0	24.7	24.1	27.3	51.9	181.5	84.7	51.9	30.7	24.9	22.4	18.9	
5	28.0	24.3	23.7	27.2	50.6	183.7	83.4	50.6	30.5	24.9	22.3	18.7	
6	27.9	23.9	23.7	27.0	49.3	181.5	78.3	49.2	30.1	24.9	22.1	18.6	
7	27.8	24.0	24.1	26.1	48.0	175.6	75.9	48.2	29.7	24.8	21.9	18.5	
8	27.6	24.7	24.0	26.7	50.9	165.6	74.1	46.9	29.4	24.9	21.7	18.4	
9	27.4	25.0	24.9	29.0	52.1	159.4	72.0	45.9	29.0	24.7	21.6	18.3	
10	27.0	24.7	25.1	29.7	55.9	155.1	70.5	45.2	28.8	24.6	21.6	18.2	
11	28.2	23.9	24.8	41.5	56.2	150.9	69.2	44.2	28.4	24.6	21.6	18.1	
12	27.9	23.6	37.2	44.5	58.2	147.2	68.9	43.4	28.1	24.2	21.5	17.9	
13	27.6	24.9	27.1	49.2	61.3	147.9	69.5	42.5	28.0	24.0	21.4	17.8	
14	27.5	25.5	27.9	50.5	66.2	154.1	71.7	40.9	27.9	24.0	21.3	17.6	
15	27.3	26.4	29.8	57.3	75.7	156.4	72.2	40.6	27.8	24.0	21.2	17.4	
16	27.0	26.1	29.2	60.5	86.6	153.0	74.3	39.8	27.8	23.9	20.9	17.2	
17	26.8	25.8	29.3	65.0	94.0	151.4	74.5	39.3	27.5	23.8	20.4	17.1	
18	26.0	24.8	29.9	72.2	100.6	145.5	74.5	38.6	27.1	23.7	20.4	17.1	
19	25.7	24.0	31.1	89.2	103.9	139.0	74.3	37.8	25.9	23.6	20.4	17.0	
20	25.3	23.0	33.6	78.3	110.4	130.1	73.6	37.0	24.9	23.5	20.3	17.0	
21	25.0	22.7	34.9	69.0	122.1	123.5	70.9	36.4	28.0	23.3	20.3	16.9	
22	24.8	22.2	36.7	66.7	130.1	116.6	69.7	35.7	27.8	23.3	20.2	16.8	
23	24.5	21.9	39.0	60.5	135.6	113.4	67.7	35.2	27.0	23.2	20.1	16.9	
24	24.1	21.6	40.2	57.6	141.1	109.5	65.7	34.6	27.8	23.2	20.1	16.6	
25	23.9	21.6	40.6	55.2	153.1	106.2	63.6	34.1	26.9	23.0	20.0	16.4	
26	23.8	21.6	42.5	53.5	157.9	102.9	62.1	33.6	26.7	23.0	19.8	16.2	
27	23.8	22.1	40.3	51.5	163.2	102.1	61.0	33.9	26.5	23.0	19.7	16.0	
28		23.0	39.4	50.3	169.2	101.2	59.5	33.3	26.3	23.0	19.5	15.7	
29	25.0	22.7	37.5	52.2		100.2	57.9	33.2	26.0	22.9	19.5	15.6	
30	25.5	22.3	36.9	55.2		99.9	56.2	31.9	25.9	22.8	19.4	15.4	
31	25.8		39.1	58.4		97.2		31.5		22.7	19.2		
MEAN	26.4	23.9	31.0	51.1	89.6	141.2	72.2	41.2	29.1	23.9	20.9	17.4	47.0
MAX.	29.2	26.4	42.5	72.2	169.2	183.7	93.3	55.5	31.1	25.5	22.6	19.0	183.7
MIN.	23.8	21.6	22.0	26.1	49.0	97.2	56.2	31.5	24.9	22.7	19.2	15.4	15.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(5day): 55.2 Q(185day): 20.1 Q(275day): 22.7 Q(355day): 17.0

<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-300 MACHIYA FERRY YEAR : 1973/74 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.20	2.12	2.42	3.21	4.79	6.61	6.05	4.76	3.09	3.21	2.97	2.72	
2	"		2.43	3.26	4.95	6.55	6.05	4.67	3.06	3.20	2.97	2.71	
3	2.20	2.15	2.46	3.31	5.10	6.64	6.06	4.50	3.03	3.29	2.95	2.70	
4	2.20	2.18	2.48	3.32	5.32	6.64	6.06	4.52	3.01	3.29	2.95	2.69	
5	2.20	2.23	2.49	3.35	5.60	6.65	6.11	4.46	3.00	3.20	2.94	2.67	
6	2.21	2.26	2.52	3.40	5.53	6.57	6.19	4.39	3.77	3.20	2.93	2.67	
7	2.22	2.25	2.52	3.59	5.62	6.59	6.26	4.34	3.76	3.26	2.92	2.66	
8	2.26	2.25	2.54	3.71	5.72	6.54	6.31	4.29	3.60	3.26	2.91	2.65	
9	2.27	2.30	2.59	3.83	5.83	6.77	6.35	4.26	3.66	3.22	2.90	2.64	
10	2.25	2.31	2.60	3.92	5.91	6.90	6.12	4.24	3.61	3.19	2.89	2.63	
11	2.23	2.31	2.73	3.94	6.01	7.10	6.42	4.26	3.59	3.18	2.89	2.63	
12	2.21	2.34	2.74	4.01	6.03	7.08	6.43	4.20	3.56	3.16	2.87	2.61	
13	2.20	2.44	2.70	4.17	6.07	7.09	6.42	4.21	3.55	3.15	2.87	2.60	
14	2.20	2.48	2.73	4.20	6.07	7.03	6.41	4.36	3.53	3.14	2.88	2.61	
15	2.19	2.52	2.72	4.50	6.14	7.00	6.35	4.41	3.51	3.13	2.85	2.63	
16	"	.54	2.73	4.50	6.23	6.96	6.31	4.43	3.49	3.12	2.84	2.62	
17	2.19	2.53	2.76	4.59	6.26	6.89	6.16	4.44	3.48	3.11	2.83	2.61	
18	2.18	2.52	2.76	4.59	6.21	6.85	6.12	4.47	3.45	3.10	2.82	2.60	
19	2.16	2.51	2.78	4.49	6.19	6.82	6.04	4.50	3.43	3.09	2.80	2.59	
20	"		2.75	4.46	6.15	6.80	5.92	4.51	3.42	3.08	2.80	2.57	
21	2.15	2.49	2.76	4.44	6.12	6.75	5.77	4.48	3.40	3.08	2.79	2.56	
22	2.14	2.47	2.80	4.52	6.20	6.71	5.60	4.50	3.40	3.07	2.78	2.55	
23	2.14	2.46	2.79	4.47	6.34	6.66	5.50	4.47	3.39	3.04	2.77	2.54	
24	2.14	2.46	2.78	4.44	6.22	6.59	5.33	4.43	3.37	3.02	2.76	2.53	
25	2.15	2.45	2.76	4.47	6.23	6.52	5.27	4.34	3.36	3.03	2.75	2.51	
26	2.14	2.43	2.81	4.54	6.36	6.41	5.20	4.27	3.35	2.72	2.74	2.50	
27	2.13	2.41	2.85	4.81	6.40	6.36	5.13	4.16	3.34	2.73	2.74	2.49	
28	2.12	2.41	2.86	4.78	6.51	6.33	5.08	4.09	3.33	2.72	2.74	2.48	
29	2.12	2.40	2.86	4.76		6.14	4.98	4.04	3.32	2.68	2.73	2.47	
30	2.11	2.41	2.87	4.78		6.13	4.84	4.01	3.31	2.67	2.73	2.46	
31	2.12		2.88	4.78		6.11		3.94		2.67	2.72		
MEAN	2.19	2.37	2.70	4.17	5.95	6.60	5.99	4.35	3.54	3.00	2.84	2.60	3.95
MAX.	2.27	2.54	2.88	4.81	6.51	7.10	6.43	4.76	3.69	3.31	2.97	2.72	7.10
MIN.	2.11	2.12	2.42	3.21	4.79	6.11	4.84	3.94	3.31	2.67	2.72	2.46	2.11

QM ST.: 4-290 MACHIYA FERRY YEAR : 1973/74 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	15.4	13.5	21.0	52.9	156.4	342.7	278.0	153.0	91.0	57.0	42.0	32.1	
2	15.4	13.6	22.0	55.6	169.0	340.6	278.0	146.7	89.7	57.4	41.0	31.5	
3	15.5	14.2	23.1	57.9	190.1	347.9	279.0	139.7	85.0	57.0	41.5	31.1	
4	15.5	14.9	23.9	59.1	203.7	346.7	279.7	134.7	86.0	56.7	41.1	30.6	
5	15.5	15.4	24.1	60.5	231.0	349.0	285.1	130.1	85.3	56.4	40.7	30.3	
6	15.7	17.1	25.0	62.6	223.4	350.5	294.0	125.0	83.6	56.2	40.3	30.1	
7	16.0	16.0	25.1	72.7	232.5	340.0	301.7	121.2	82.7	55.6	39.9	29.9	
8	17.1	16.7	25.5	79.0	243.4	335.5	308.0	117.9	78.0	55.2	39.5	29.6	
9	17.4	18.1	27.3	87.1	254.3	360.0	312.6	115.5	76.7	53.2	39.2	29.2	
10	16.7	18.6	30.4	92.7	262.7	390.5	296.1	114.4	74.1	51.9	38.8	28.8	
11	16.2	18.4	32.4	94.3	272.6	405.6	320.2	115.3	72.9	51.3	38.4	28.4	
12	15.8	19.3	32.6	98.2	275.6	403.0	321.3	117.1	71.4	50.8	38.0	27.9	
13	15.6	22.3	31.1	109.1	291.0	405.0	320.2	119.2	70.5	50.3	37.7	27.6	
14	15.4	23.6	32.4	117.1	281.0	397.7	319.0	122.0	69.5	49.8	37.3	27.9	
15	15.3	24.9	32.2	133.5	288.0	392.5	312.3	126.6	68.7	49		27.9	
16	15.2	25.7	32.4	129.9	299.2	387.7	308.0	129.5	67.5	48.9	36.7	28.5	
17	15.1	25.4	33.3	140.4	301.7	379.0	299.9	129.9	66.7	48.2	36.4	28.1	
18	14.9	24.9	33.3	140.5	295.0	373.9	296.1	131.4	65.3	47.7	35.9	27.5	
19	14.5	24.6	33.4	132.0	293.2	370.4	277.0	133.5	64.2	47.2	35.2	27.1	
20	14.2	24.1	33.4	130.3	289.2	366.9	283.7	134.0	63.6	47.0	34.9	26.7	
21	14.2	24.0	33.7	129.1	286.5	361.2	287.9	131.9	62.8	46.7	34.6	26.4	
22	14.0	23.4	34.9	134.9	304.8	356.6	288.4	133.0	62.6	46.3	34.1	26.0	
23	14.0	22.9	34.5	131.0	310.9	349.7	291.0	131.2	62.0	45.0	33.9	25.7	
24			1	128.9	309.1	340.7	284.5	128.2	61.0	44.0	33.6	25.4	
25	14.1	22.6	33.6	131.2	309.9	332.6	199.1	121.5	60.5	44.6	33.2	24.9	
26	14.0	21.9	35.3	136.3	313.4	319.0	192.0	116.4	59.8	32.2	32.9	24.2	
27	13.7	21.4	37.0	159.1	310.7	312.0	185.6	109.9	59.6	32.5	32.6	24.0	
28	13.6	21.5	37.3	149.4	331.9	310.5	174.2	103.7	59.1	31.9	32.6	23.7	
29	13.4	21.2	37.4	153.0		299.0	166.1	100.6	58.5	30.4	32.5	23.3	
30	13.2	21.6	37.7	155.6		287.5	159.7	99.4	58.1	30.1	32.4	23.0	
31	13.2		42.5	155.9		285.4		99.9		30.0	32.2		
MEAN	15.0	20.5	31.4	112.2	289.0	353.1	263.7	123.4	70.6	47.2	36.7	27.6	112.1
MAX.	17.4	25.7	42.5	159.1	331.9	405.6	321.3	153.0	91.0	57.0	42.0	32.1	405.6
MIN.	13.2	13.5	21.0	52.9	156.4	285.4	159.7	99.9	58.1	30.0	32.2	23.0	13.2

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Low Regime (m3/s)]:

Q(5day): 149.4 Q(185day): 58.2 Q(275day): 28.0 Q(355day): 14.0

<< MASTER PROGRAM for 00-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1974/75 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.45	2.26	2.73	5.19	6.01	5.94	7.59	5.91	3.97	3.43	3.10	2.90	
2	2.44	2.25	2.78	5.20	5.92	5.94	7.53	5.82	3.96	3.42	3.09	2.87	
3	2.42	2.25	2.79	5.36	5.91	6.09	7.40	5.73	3.94	3.41	3.09	2.87	
4	2.41	2.25	2.83	5.43	5.72	6.41	7.42	5.63	3.91	3.40	3.08	2.85	
5	2.41	2.24	2.87	5.54	5.65	6.45	7.39	5.56	3.87	3.40	3.08	2.85	
6	2.40	2.24	2.82	5.91	5.58	6.44	7.35	5.47	3.84	3.38	3.07	2.85	
7	2.39	2.24	2.88	6.10	5.52	6.44	7.29	5.36	3.82	3.37	3.06	2.83	
8	2.39	2.24	2.83	6.22	5.46	6.45	7.23	5.25	3.79	3.36	3.05	2.82	
9	2.38	2.23	2.85	6.26	5.44	6.48	7.20	5.04	3.78	3.35	3.04	2.82	
10	2.38	2.22	2.90	6.23	5.47	6.51	7.17	5.07	3.77	3.34	3.04	2.80	
11	2.37	2.22	2.99	6.24	5.52	6.56	7.12	4.97	3.75	3.33	3.04	2.79	
12	2.37	2.21	3.05	6.26	5.55	6.63	7.09	4.88	3.73	3.31	3.03	2.79	
13	2.37	2.21	3.12	6.28	5.59	6.49	7.06	4.82	3.72	3.30	3.03	2.77	
14	2.36	2.21	3.20	6.30	5.65	6.87	7.03	4.73	3.70	3.29	3.02	2.76	
15	2.35	2.21	3.33	6.31	5.70	6.93	7.00	4.67	3.69	3.27	3.01	2.75	
16	2.34	2.20	3.45	6.29	5.76	7.29	6.99	4.59	3.67	3.25	3.01	2.74	
17	2.34	2.19	3.51	6.27	5.70	7.07	6.94	4.52	3.65	3.25	3.00	2.73	
18	2.33	2.20	3.56	6.32	5.82	7.23	6.90	4.47	3.62	3.23	3.00	2.72	
19	2.32	2.21	3.50	6.30	5.87	7.11	6.84	4.42	3.61	3.22	2.99	2.70	
20	2.31	2.21	3.61	6.45	5.89	7.10	6.80	4.36	3.60	3.21	2.98	2.69	
21	2.30	2.20	3.69	6.45	5.89	7.25	6.75	4.31	3.59	3.20	2.97	2.67	
22	2.30	2.25	3.59	6.41	5.85	7.35	6.65	4.29	3.56	3.19	2.96	2.66	
23	2.30	2.25	3.61	6.39	5.79	7.41	6.57	4.24	3.55	3.19	2.95	2.65	
24	2.30	2.32	3.78	6.34	5.71	7.40	6.48	4.19	3.51	3.17	2.94	2.64	
25	2.30	2.39	4.08	6.30	5.63	7.53	6.39	4.16	3.52	3.16	2.94	2.11	
26	2.30	2.39	4.26	6.26	5.64	7.50	6.31	4.13	3.51	3.15	2.94	2.63	
27	2.30	2.19	4.47	6.24	5.64	7.61	6.21	4.10	3.49	3.15	2.92	2.62	
28	2.30	2.23	4.67	6.22	5.69	7.66	6.12	4.07	3.47	3.14	2.91	2.61	
29	2.29	2.35	4.87	6.20		7.67	6.05	4.05	3.46	3.13	2.91	2.61	
30	2.27	2.40	4.98	6.18		7.66	5.99	4.02	3.44	3.12	2.91	2.60	
31	2.26		5.07	6.30		7.65		4.00		3.11	2.90		
MEAN	2.35	2.25	3.50	6.12	5.70	6.94	6.90	4.74	3.60	3.27	3.00	2.74	4.26
MAX.	2.45	2.40	5.07	6.45	6.01	7.67	7.59	5.91	3.97	3.43	3.10	2.90	7.67
MIN.	2.26	2.19	2.73	5.19	5.44	5.94	5.99	4.00	3.44	3.11	2.90	2.60	2.19

QM ST.: 4-200 MACHIYA FERRY YEAR : 1974/75 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	22.7	17.0	32.5	191.5	274.3	255.8	473.0	253.0	95.0	64.2	47.0	30.3	
2	22.2	16.9	33.6	199.6	264.0	266.3	465.6	254.0	95.0	63.6	47.5	30.0	
3	21.8	16.8	34.5	207.1	252.3	282.4	450.2	244.4	94.1	63.1	47.5	27.8	
4	21.6	16.7	35.4	214.4	243.1	319.5	450.9	234.1	91.9	62.0	47.1	27.2	
5	21.4	16.6	38.0	224.9	235.6	324.5	445.3	226.4	89.8	62.6	46.7	27.2	
6	21.1	16.5	35.9	252.7	229.6	323.4	440.2	217.4	87.5	61.5	46.4	27.0	
7	20.9	16.5	35.1	284.1	223.1	323.1	431.0	206.9	86.2	61.0	46.1	26.4	
8	20.7	16.5	36.2	297.9	218.0	323.0	424.3	197.4	84.9	60.5	45.9	25.9	
9	20.6	16.4	35.9	301.7	214.7	320.2	419.3	177.7	83.0	59.0	45.3	25.7	
10	20.5	16.1	39.3	290.5	210.3	321.1	415.2	169.2	83.2	59.3	45.0	25.0	
11	20.3	15.9	43.0	299.9	222.5	327.0	409.1	171.9	82.0	59.0	45.0	24.6	
12	20.1	15.7	45.7	302.4	225.0	345.6	405.0	164.3	81.2	58.1	44.9	24.5	
13	20.1	15.7	48.5	304.9	229.9	329.3	400.9	159.1	80.1	57.4	44.5	24.0	
14	19.9	15.7	52.4	307.0	235.5	376.3	396.9	151.9	79.2	56.8	44.4	23.6	
15	19.6	15.7	59.1	307.3	240.9	393.7	392.9	148.4	78.3	56.1	44.0	23.2	
16	19.5	15.6	65.3	305.9	245.3	432.7	390.1	140.4	77.4	55.3	43.7	22.7	
17	19.3	15.3	68.3	302.7	249.5	403.0	385.7	135.2	76.6	54.7	43.4	22.3	
18	19.0	15.5	71.0	309.1	254.3	423.5	379.9	130.0	75.0	54.0	43.3	22.1	
19	18.7	15.7	72.2	315.9	259.1	407.4	372.9	127.5	74.1	53.5	42.9	21.1	
20	18.5	15.7	74.1	324.2	261.4	416.9	367.7	122.9	73.4	53.1	42.5	20.4	
21	18.2	15.6	73.2	324.2	260.1	427.2	360.4	119.2	72.4	52.4	42.1	20.0	
22	18.2	15.0	72.6	319.8	256.2	440.7	340.6	117.1	71.4	51.8	41.5	29.8	
23	18.1	17.1	73.0	315.9	249.1	449.2	329.2	114.4	70.7	51.3	41.2	29.5	
24	18.1	18.7	83.8	311.2	241.9	450.2	327.5	110.6	69.8	50.9	40.8	29.2	
25	18.1	20.5	102.1	306.3	234.1	466.0	317.3	109.7	69.0	50.6	40.8	29.2	
26	18.1	20.9	115.7	302.4	234.4	473.0	300.0	106.4	68.2	50.3	40.6	28.8	
27	18.1	15.1	131.6	299.9	234.4	477.4	296.1	104.7	67.3	50.1	39.9	29.4	
28	18.1	16.3	145.9	297.1	240.0	485.0	286.5	102.7	66.2	49.5	39.7	29.1	
29	17.8	18.5	160.2	295.1		485.8	279.6	101.2	65.7	49.2	39.5	27.9	
30	17.5	21.0	171.1	290.6		485.0	271.6	99.4	64.7	49.0	39.4	27.6	
31	17.2		180.4	315.5		483.6		97.6		48.2	39.0		
MEAN	19.5	16.9	73.3	280.0	240.9	399.2	382.0	155.9	79.5	55.0	43.5	32.0	147.5
MAX.	22.7	21.0	180.4	324.2	274.3	485.8	473.0	253.0	95.0	64.2	47.0	30.3	485.8
MIN.	17.2	15.1	32.5	191.5	214.7	255.8	271.6	97.6	64.7	48.2	39.0	27.6	15.1

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(5day): 254.0 Q(105day): 72.2 Q(275day): 36.4 Q(355day): 15.7

MASTER PROGRAM for 99 05(Leap Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1975/76 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.59	2.36	2.36	3.02	5.49	6.59	7.02	8.00	5.74	4.29	3.74	3.33	
2	2.50	2.35	2.39	3.00	5.64	6.64	7.06	7.96	5.66	4.20	3.73	3.33	
3	2.57	2.35	2.39	3.02	5.70	6.70	8.05	7.00	5.59	4.26	3.72	3.32	
4	2.56	2.35	2.44	3.01	5.79	6.76	8.02	7.93	5.50	4.25	3.71	3.31	
5	2.55	2.34	2.47	3.00	5.85	6.92	8.13	7.79	5.43	4.22	3.69	3.31	
6	2.55	2.33	2.47	3.06	5.91	7.06	8.21	7.72	5.35	4.20	3.67	3.31	
7	2.53	2.32	2.53	3.03	5.94	7.06	8.30	7.45	5.27	4.10	3.60	3.30	
8	2.52	2.31	2.60	4.02	5.96	7.08	8.31	7.59	5.21	4.16	3.67	3.29	
9	2.51	2.30	2.67	4.20	5.97	7.09	8.31	7.52	5.17	4.14	3.63	3.27	
10	2.51	2.30	2.70	4.32	5.99	7.10	8.30	7.42	5.13	4.12	3.61	3.25	
11	2.50	2.30	2.70	4.41	6.00	7.12	8.34	7.35	4.99	4.09	3.60	3.23	
12	2.50	2.29	2.69	4.52	6.00	7.13	8.36	7.37	4.95	4.07	3.58	3.22	
13	2.49	2.27	2.70	4.65	6.02	7.14	8.72	7.20	4.90	4.05	3.58	3.19	
14	2.49	2.26	2.72	4.79	6.03	7.17	8.77	7.14	4.96	4.04	3.56	3.19	
15	2.47	2.26	2.75	4.96	6.05	7.19	8.79	7.07	4.90	4.01	3.55	3.17	
16	2.46	2.29	2.79	4.94	6.03	7.21	8.80	6.99	4.76	4.00	3.54	3.15	
17	2.45	2.30	2.87	5.04	6.06	7.24	8.80	6.91	4.72	3.98	3.53	3.14	
18	2.45	2.29	2.93	5.10	6.05	7.30	8.78	6.84	4.68	3.95	3.52	3.13	
19	2.44	2.30	3.02	5.10	6.03	7.37	8.76	6.76	4.64	3.94	3.51	3.12	
20	2.44	2.32	3.13	5.24	6.05	7.40	8.73	6.68	4.60	3.92	3.50	3.12	
21	2.42	2.35	3.15	5.33	6.06	7.42	8.69	6.61	4.56	3.91	3.49	3.11	
22	2.41	2.38	3.21	5.39	6.10	7.44	8.63	6.51	4.53	3.89	3.48	3.09	
23	2.40	2.40	3.26	5.41	6.15	7.46	8.57	6.44	4.49	3.87	3.46	3.09	
24	2.39	2.40	3.29	5.43	6.26	7.47	8.48	6.35	4.45	3.86	3.44	3.07	
25	2.39	2.42	3.31	5.41	6.31	7.49	8.42	6.28	4.42	3.83	3.44	3.07	
26	2.39	2.40	3.33	5.39	6.37	7.53	8.35	6.20	4.38	3.82	3.42	3.07	
27	2.40	2.41	3.32	5.37	6.43	7.57	8.29	6.12	4.37	3.81	3.41	3.09	
28	2.39	2.40	3.32	5.33	6.50	7.64	8.21	6.12	4.25	3.80	3.40	3.10	
29	2.40	2.39	3.34	5.35	6.55	7.69	8.13	5.98	4.32	3.79	3.37	3.10	
30			3.15	5.36		7.74	8.08	5.91	4.31	3.77	3.35	3.09	
31	2.37		3.67	5.41		7.70		5.85		3.76	3.34		
MEAN	2.47	2.34	2.99	4.76	6.04	7.34	8.40	6.96	4.87	4.01	3.55	3.19	4.72
MAX.	2.59	2.42	3.67	5.43	6.55	7.70	8.80	8.00	5.74	4.29	3.74	3.33	8.80
MIN.	2.37	2.29	2.36	3.02	5.49	6.59	7.02	5.85	4.31	3.76	3.34	3.07	2.29

QM ST.: 4-200 MACHIYA FERRY YEAR : 1975/76 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	27.2	19.9	20.0	86.6	219.5	341.1	508.8	536.0	245.3	110.1	81.6	59.1	
2	26		20.0	91.5	234.7	347.9	514.7	520.6	236.9	117.1	81.0	58.7	
3	28.6	19.5	20.9	92.5	240.9	355.0	543.0	517.5	229.5	115.5	80.2	58.2	
4	26.4	19.5	22.4	92.1	249.0	362.3	537.9	510.2	220.7	114.7	79.6	58.1	
5	26.0	19.4	23.2	99.4	256.2	381.0	555.0	502.4	214.2	112.7	78.5	57.9	
6	25.8	19.2	23.4	89.2	263.0	400.9	560.3	493.4	208.9	111.2	77.6	57.8	
7	25.4	19.9	25.3	93.3	266.7	400.5	561.0	453.9	199.1	110.0	77.0	57.4	
8	25.0	19.5	27.8	99.4	269.0	401.3	564.3	473.9	193.1	108.7	77.3	56.7	
9	24.7	19.3	30.3	111.4	269.3	403.0	563.0	463.9	189.5	107.0	75.2	56.1	
10	24.5	19.1	31.3	119.9	271.3	406.6	562.8	449.6	185.6	106.0	74.3	54.9	
11	24.3	19.1	31.4	126.6	272.3	409.7	560.2	440.7	173.5	104.1	73.2	53.9	
12	24.2	17.6	30.7	135.2	272.3	410.3	562.6	443.6	170.0	102.7	72.6	53.2	
13	24.0	17.4	31.4	144.7	275.3	412.3	651.5	420.3	168.1	101.2	72.0	52.1	
14	23.8	17.2	32.2	156.1	276.0	415.2	660.3	411.5	162.5	100.2	71.0	51.6	
15	23.3	17.2	33.2	162.0	279.6	419.1	663.9	402.1	157.1	99.6	70.7	50.9	
16	22.9	17.5	34.6	169.2	276.3	421.4	664.4	392.1	154.1	97.6	70.0	50.3	
17	22.8	18.1	37.7	177.7	279.0	425.6	664.9	381.4	150.9	96.4	69.3	49.8	
18	22.6	18.0	40.2	182.9	279.3	433.5	661.0	372.0	147.7	95.0	68.0	49.3	
19	22.4	18.3	44.4	190.1	276.3	443.2	657.7	362.7	144.2	94.1	68.7	49.1	
20	22.2	18.7	49.2	195.2	279.3	447.1	653.0	352.8	141.1	92.7	67.9	48.8	
21	22.0	19.5	50.3	204.2	279.3	450.9	646.3	343.0	139.0	91.9	67.5	48.1	
22	21.5	20.4	52.9	209.7	283.7	452.6	637.1	331.9	135.4	90.8	66.7	47.5	
23	21.1	21.1	55.5	212.1	289.9	456.6	626.5	323.1	132.0	89.6	65.7	47.1	
24	20.9	21.2	58.0	213.5	302.0	456.9	610.9	312.3	129.0	88.7	64.4	46.5	
25	20.7	21.7	58.1	212.4	307.3	459.9	602.0	304.5	127.1	87.3	64.4	46.3	
26	--	21.1	59.1	210.3	315.2	466.5	589.6	294.7	125.0	86.9	63.7	46.3	
27	21.3	21.5	59.7	209.3	322.0	472.1	580.4	286.5	123.5	85.8	62.9	47.4	
28	20.9	21.0	59.2	204.9	330.7	481.0	567.9	286.5	121.9	85.1	62.3	47.7	
29	21.0	20.7	59.3	206.9	336.3	488.4	555.3	278.2	120.1	84.5	60.9	47.7	
30	20.4	20.3	59.1	206.9		495.7	547.3	269.9	119.5	83.6	60.1	47.4	
31	20.1		77.3	212.4		501.5		256.9		82.9	59.6		
MEAN	23.3	19.2	40.2	159.3	279.3	426.4	599.4	392.9	165.3	99.7	70.5	51.9	193.1
MAX.	27.2	21.7	77.3	212.8	336.3	501.5	664.9	536.0	245.3	110.1	81.6	59.1	664.9
MIN.	20.1	17.2	20.0	86.6	219.5	341.1	508.8	256.9	119.5	82.9	59.6	46.3	17.2

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2
[Flow Regime (m3/s)]:
Q(5day): 206.5 Q(185day): 104.1 Q(275day): 49.1 Q(355day): 18.5

<< MASTER PROGRAM for 09-05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-290 MACHIYA FERRY YEAR : 1976/77 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	3.09	2.80	2.76	3.91	5.41	6.42	7.06	5.93	4.12	3.55	3.27	3.02	
2	3.08	2.79	2.76	3.90	5.42	6.47	7.02	5.84	4.10	3.54	3.25	3.01	
3	3.04	2.69	2.76	3.89	5.47	6.57	7.74	5.75	4.07	3.54	3.24	2.99	
4	3.01	2.69	2.74	3.88	5.52	6.83	7.69	5.65	4.02	3.53	3.23	2.97	
5	2.99	2.71	2.72	3.90	5.55	6.89	7.67	5.50	4.00	3.51	3.22	2.95	
6	2.97	2.71	2.71	3.89	5.57	7.07	7.61	5.72	3.95	3.50	3.22	2.95	
7	2.95	2.71	2.70	3.89	5.59	7.22	7.57	5.41	3.95	3.49	3.22	2.94	
8	2.94	2.73	2.73	3.89	5.62	7.31	7.53	5.35	3.92	3.48	3.21	2.92	
9	2.92	2.74	2.75	3.95	5.64	7.26	7.78	5.26	3.90	3.47	3.19	2.91	
10	2.91	2.73	2.77	4.15	5.70	7.42	7.42	5.19	3.89	3.46	3.19	2.91	
11	2.89	2.72	2.80	4.10	5.73	7.50	7.36	5.12	3.85	3.45	3.19	2.90	
12	2.87	2.73	3.07	4.09	5.78	7.50	7.32	5.05	3.82	3.44	3.17	2.89	
13	2.87	2.90	3.23	4.07	5.75	7.44	7.27	4.99	3.80	3.43	3.16	2.87	
14	2.85	2.82	3.36	4.11	5.75	7.70	7.22	4.93	3.79	3.41	3.16	2.85	
15	2.85	2.85	3.40	4.12	5.75	7.70	7.15	4.86	3.76	3.41	3.19	2.84	
16	2.83	2.85	3.50	4.11	5.74	7.82	7.10	4.79	3.75	3.40	3.18	2.83	
17	2.82	2.83	3.46	4.12	5.74	7.84	7.04	4.75	3.72	3.40	3.19	2.81	
18	2.82	2.85	3.45	4.14	5.72	7.86	7.00	4.70	3.71	3.40	3.19	2.80	
19	2.80	2.85	3.40	4.19	5.75	7.86	6.92	4.64	3.69	3.37	3.20	2.80	
20	2.79	2.90	3.37	4.21	5.74	7.85	6.81	4.59	3.60	3.37	3.19	2.79	
21	2.78	2.95	3.60	4.26	5.75	7.89	6.78	4.54	3.67	3.37	3.19	2.77	
22	2.77	2.99	3.61	4.25	5.91	7.92	6.71	4.50	3.67	3.36	3.18	2.76	
23	2.76	3.00	3.61	4.45	5.91	7.94	6.62	4.44	3.65	3.36	3.15	2.76	
24	2.74	2.97	3.59	4.64	6.02	7.95	6.55	4.40	3.65	3.34	3.14	2.74	
25	2.73	2.94	3.50	4.70	6.14	7.97	6.47	4.35	3.62	3.33	3.12	2.73	
26	2.72	2.90	3.61	4.95	6.20	7.97	6.39	4.31	3.62	3.32	3.10	2.72	
27	2.72	2.86	3.72	5.05	6.26	7.90	6.20	4.20	3.61	3.31	3.09	2.71	
28	2.73	2.82	3.78	5.18	6.25	7.97	6.20	4.25	3.50	3.31	3.08	2.70	
29	2.72	2.79	3.84	5.29		7.96	6.12	4.22	3.59	3.30	3.06	2.69	
30	2.70	2.77	3.87	5.35		7.92	6.04	4.19	3.57	3.29	3.05	2.68	
31	2.69		3.92	5.40		7.90		4.16		3.29	3.03		
MEAN	2.85	2.81	3.29	4.33	5.78	7.55	7.07	4.90	3.72	3.41	3.17	2.84	4.39
MAX.	3.09	3.00	3.92	5.40	6.25	7.90	7.06	5.93	4.12	3.55	3.27	3.02	7.90
MIN.	2.69	2.69	2.70	3.89	5.41	6.42	6.04	4.16	3.57	3.29	3.03	2.68	2.68

QM ST.: 4-290 MACHIYA FERRY YEAR : 1976/77 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	46.7	30.6	33.4	91.9	212.4	320.6	514.3	265.0	106.4	70.7	55.9	44.2	
2	46.0	31.4	33.6	91.3	212.7	326.7	507.9	255.9	104.5	70.2	54.9	43.6	
3	44.9	31.0	33.6	90.6	217.7	330.9	496.6	246.6	102.5	69.0	54.6	42.6	
4	43.7	30.9	32.9	90.4	222.8	371.6	489.0	236.3	99.0	69.3	53.0	42.1	
5	42.9	31.5	32.2	91.2	225.5	379.4	485.4	220.6	97.5	69.2	52.4	41.6	
6	42.1	31.6	31.6	90.9	227.7	402.1	477.9	243.1	94.9	67.7	52.4	41.1	
7	41.1	31.5	31.4	90.9	230.1	422.6	471.3	211.0	94.5	67.5	52.2	40.7	
8	40.6	32.3	32.5	90.9	233.2	434.3	465.2	206.5	92.7	67.0	53.1	40.0	
9	39.9	32.6	33.2	94.9	235.0	427.6	501.5	197.6	91.3	66.5	51.9	39.7	
10	39.4	32.4	34.0	107.9	240.9	449.6	451.0	191.2	90.2	65.0	51.0	39.4	
11	38.8	32.1	38.1	104.5	244.1	461.2	442.4	185.1	88.5	65.3	51.5	38.9	
12	38.0	32.3	46.5	102.9	247.2	472.6	426.4	179.0	86.4	64.4	51.2	38.1	
13	38.0	38.0	54.0	102.7	245.7	453.5	429.7	173.5	85.1	63.9	50.6	38.0	
14	37.2	35.9	60.5	104.9	246.0	490.3	422.2	167.9	84.5	63.2	50.5	37.9	
15	36.9	37.0	66.7	106.2	246.3	502.4	413.2	162.7	83.1	62.9	51.9	36.8	
16	36.4	37.2	67.8	105.3	245.3	500.3	405.8	158.9	82.3	62.4	51.3	36.1	
17	35.9	36.4	65.5	106.2	245.0	511.5	398.5	153.3	80.1	62.4	51.9	35.6	
18	35.7	37.0	65.3	107.4	243.4	513.8	392.7	148.9	79.6	62.3	52.2	35.1	
19	35.2	37.0	67.0	111.0	245.7	514.7	392.2	144.2	79.5	61.2	52.5	34.9	
20	34.7	38.9	71.5	112.1	245.0	512.0	388.9	140.6	77.0	61.0	52.1	34.6	
21	34.4	41.1	73.2	116.0	245.7	516.6	384.6	136.0	77.6	60.9	51.9	34.0	
22	33.9	42.9	73.9	121.9	252.3	522.5	356.6	133.1	77.3	60.7	50.6	33.6	
23	33.4	43.4	74.1	129.4	262.7	526.2	345.2	129.1	76.2	60.2	50.2	33.3	
24	32.7	42.0	72.9	144.5	275.0	527.6	337.0	125.5	76.0	59.5	49.5	32.7	
25	32.4	40.7	72.4	151.6	280.0	530.4	326.7	122.1	75.2	59.1	48.9	32.4	
26	32.2	39.2	74.1	170.0	295.4	531.4	315.9	119.2	74.5	58.5	47.7	32.2	
27	32.2	37.4	80.7	179.1	301.7	531.0	303.0	117.1	74.1	57.9	47.4	31.5	
28	32.5	35.9	83.8	190.9	312.3	530.9	295.1	115.1	72.6	57.8	46.8	31.1	
29	31.9	34.6	87.5	200.2		529.6	285.9	113.9	72.2	57.3	46.1	30.9	
30	31.1	33.8	89.6	206.3		523.5	276.6	111.0	71.7	56.5	45.4	30.6	
31	30.7		92.9	210.9		520.2		108.7		55.4	44.9		
MEAN	37.1	35.7	59.3	123.0	248.1	471.1	405.4	160.6	84.9	63.1	51.0	36.7	147.8
MAX.	46.7	42.9	92.9	210.9	312.3	531.0	514.3	265.0	106.4	70.7	55.9	44.2	531.0
MIN.	30.7	30.6	31.4	90.4	212.4	320.6	276.6	108.7	71.7	55.4	44.9	30.6	30.6

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(5day): 212.4 Q(105day): 74.1 Q(275day): 42.1 Q(355day): 31.5

<< : STEP PROGRAM for 00-05(Normal Year).Daily River W/L & Discharge >>>

WM ST.: 4 200 MACHIYA FERRY YEAR : 1977/78 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.67	2.55	2.01	5.39	7.00	0.05	9.99	9.50	6.20	4.75	4.17	3.64	
2	2.67	2.54	2.02	5.45	7.02	0.05	10.02	9.49	6.12	4.74	4.14	3.61	
3	2.67	2.51	2.09	5.50	7.02	0.00	10.01	9.39	6.07	4.71	4.11	3.61	
4	2.67	2.49	3.27	5.53	0.14	0.93	10.00	9.31	6.01	4.69	4.10	3.59	
5	2.67	2.47	3.27	5.54	0.46	0.94	9.99	9.23	5.95	4.66	4.08	3.58	
6	2.66	2.49	3.31	5.51	0.20	0.90	9.93	9.13	5.88	4.64	4.08	3.55	
7	2.67	2.48	3.34	5.47	0.25	0.97	9.90	9.07	5.82	4.62	4.07	3.54	
8	2.65	2.46	3.37	6.06	0.35	0.90	9.83	9.02	5.76	4.59	4.04	3.53	
9	2.64	2.45	3.42	5.46	0.42	9.00	9.79	7.94	5.69	4.59	4.02	3.52	
10	2.62	2.49	3.47	5.50	0.49	9.00	9.74	7.85	5.61	4.55	4.01	3.51	
11	2.61	2.55	3.64	5.50	0.56	9.04	9.70	7.77	5.55	4.53	3.99	3.50	
12	2.59	2.55	3.71	5.60	0.62	9.06	9.65	7.69	5.49	4.50	3.97	3.47	
13	2.59	2.55	3.99	5.81	0.68	9.04	9.57	7.60	5.43	4.49	3.95	3.46	
14	2.57	2.52	4.06	5.79	0.70	9.04	9.55	7.53	5.33	4.47	3.92	3.45	
15	2.55	2.50	4.21	5.94	0.74	9.04	9.49	7.46	5.32	4.46	3.91	3.43	
16	2.55	2.50	4.49	6.02	0.95	9.06	9.41	7.37	5.27	4.44	3.89	3.40	
17	2.54	2.51	4.69	6.13	0.99	9.10	9.34	7.27	5.22	4.43	3.90	3.39	
18	2.52	2.49	4.77	6.22	0.95	9.15	9.29	7.21	5.19	4.41	3.88	3.37	
19	2.51	2.49	4.90	6.36	0.90	9.19	9.24	7.13	5.13	4.40	3.85	3.35	
20	2.50	2.49	4.71	6.37	0.90	9.22	9.21	7.05	5.10	4.38	3.83	3.33	
21	2.49	2.53	4.64	6.39	0.89	9.25	9.19	6.98	5.05	4.36	3.81	3.31	
22	2.49	2.65	4.63	6.45	0.89	9.50	9.19	6.90	5.01	4.34	3.80	3.30	
23	2.48	2.69	4.70	6.59	0.89	9.53	9.14	6.83	4.97	4.32	3.79	3.28	
24	2.48	2.68	4.76	6.72	0.88	9.58	9.06	6.75	4.94	4.30	3.76	3.27	
25	2.48	2.82	4.92	6.85	0.88	9.56	9.02	6.69	4.91	4.28	3.75	3.25	
26	2.48	2.85	4.99	6.99	0.88	9.63	8.89	6.50	4.88	4.26	3.72	3.24	
27	2.47	2.87	4.97	7.13	0.87	9.70	8.82	6.54	4.84	4.25	3.71	3.21	
28	2.47	2.78	5.02	7.26	0.87	9.81	8.75	6.47	4.82	4.23	3.70	3.20	
29	2.48	2.78	5.09	7.32		9.87	8.69	6.39	4.80	4.22	3.69	3.19	
30	2.51	2.72	5.19	7.53		9.92	8.64	6.33	4.77	4.20	3.67	3.17	
31	2.52		5.29	7.66		9.95		6.25		4.19	3.65		
MEAN	2.56	2.56	4.19	6.20	0.69	9.24	9.43	7.30	5.37	4.45	3.99	3.40	5.59
M	2.67	2.72	5.29	7.66	0.99	9.95	10.02	9.50	6.20	4.75	4.17	3.64	10.02
MIN.	2.47	2.45	2.01	5.39	7.00	0.05	8.64	6.25	4.77	4.19	3.65	3.09	2.45

QM ST.: 4-200 MACHIYA FERRY YEAR : 1977/78 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	30.3	26.1	35.6	209.7	504.7	675.9	892.8	627.5	294.7	153.1	109.1	75.5	
2	30.1	25.6	40.4	215.9	507.9	673.3	899.8	612.4	287.5	152.1	107.0	74.3	
3	30.1	24.7	47.2	221.3	507.9	670.6	899.2	597.5	280.7	150.1	105.6	74.1	
4	30.1	23.9	55.8	223.7	555.8	698.0	895.8	594.3	274.8	147.9	104.5	72.9	
5	30.0	23.5	56.1	224.3	609.4	699.6	892.2	570.7	267.0	146.2	103.5	72.4	
6	29.9	24.0	57.9	222.3	566.3	691.7	872.6	554.9	259.4	144.5	102.9	70.9	
7	30.0	23.6	59.3	218.0	575.0	676.4	866.7	546.0	253.6	143.0	102.2	70.2	
8	29.8	22.9	61.0	278.7	591.1	681.7	853.1	539.4	248.9	140.6	100.6	69.7	
9	29.9	22.9	63.4	216.8	602.0	699.2	844.9	526.7	239.4	139.9	99.4	69.2	
10	29.5	24.1	66.0	220.4	613.9	700.3	834.9	513.8	231.6	137.9	98.4	68.7	
11	29.0	25.8	75.5	221.2	624.6	707.2	827.3	500.6	226.4	135.9	96.8	67.7	
12	27.4	26.0	79.6	239.4	634.6	711.0	819.8	489.0	219.2	133.8	96.0	66.5	
13	26.9	25.8	97.0	252.0	641.2	708.1	802.6	476.1	214.2	132.8	94.5	65.9	
14	26.6	25.0	101.9	249.1	647.9	706.7	799.7	465.2	208.9	131.2	92.9	65.2	
15	25.9	24.2	111.9	268.3	655.1	706.1	787.8	455.6	203.1	130.1	92.3	63.9	
16	25.8	24.3	121.7	275.3	690.1	710.4	773.1	442.8	199.8	128.7	91.0	62.8	
17	25.5	24.8	140.4	287.5	697.1	716.9	759.7	429.7	194.8	127.8	90.0	61.8	
18	24.9	24.1	154.9	297.5	691.2	726.7	750.3	420.6	190.1	126.9	88.9	60.9	
19	24.7	23.7	157.6	313.0	682.7	732.7	741.4	410.3	185.2	126.2	88.1	59.8	
20	24.3	23.7	149.9	314.4	682.2	738.7	736.5	399.7	182.9	124.4	87.0	59.1	
21	24.0	25.2	144.0	316.9	681.2	761.4	733.0	387.3	179.0	122.8	85.8	58.1	
22	23.9	29.3	143.5	324.5	680.6	790.6	733.0	379.0	175.3	121.2	85.1	57.6	
23	23.7	30.9	149.1	340.7	680.1	794.6	724.5	371.6	172.1	119.9	84.0	47.0	
24	23.8	29.7	154.3	357.3	679.6	800.3	709.9	360.4	169.2	118.4	83.1	55.0	
25	24.0	29.4	167.1	374.3	679.5	801.4	702.9	352.4	166.9	117.5	82.1	54.9	
26	23.7	29.4	173.5	391.7	679.0	813.5	680.9	342.2	164.0	115.7	81.2	54.3	
27	23.5	30.3	171.6	409.9	677.5	829.5	660.1	334.8	160.9	115.1	79.8	53.1	
28	23.5	31.1	175.9	429.1	676.4	849.0	657.7	327.1	159.9	113.6	79.1	52.4	
29	24.0	31.4	182.1	445.6		860.2	646.3	315.9	157.6	112.9	78.0	51.5	
30	24.6	31.9	191.7	465.5		870.3	637.6	310.2	155.1	111.2	77.4	50.9	
31	25.3		200.2	485.0		875.6		301.3		110.5	76.0		
MEAN	26.5	26.2	116.3	300.3	632.6	742.7	779.0	449.9	210.4	130.1	91.7	62.9	225.1
M	30.3	31.9	200.2	485.0	697.1	875.6	899.8	627.5	294.7	153.1	109.1	75.5	899.8
MIN.	23.5	22.9	35.6	209.7	504.7	673.3	637.6	301.3	155.1	110.5	76.0	47.0	22.9

[Discharge Rating Curve].Q=10.964*(H-1.012)^2
[Flow Regime (m3/s)]:
Q(95day): 526.7 Q(185day): 160.9 Q(275day): 67.7 Q(355day): 23.9

<< MASTER PROGRAM for 00 05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: A-200 MACHIYA FERRY YEAR : 1978/79 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	3.14	3.10	3.43	6.53	6.11	7.17	9.09	7.07	5.51	4.40	3.93	3.52	
2	3.12	3.15	3.45	6.66	6.45	7.07	9.13	7.00	5.45	4.39	3.91	3.49	
3	3.11	3.10	3.50	6.70	6.47	7.50	9.11	7.72	5.39	4.37	3.90	3.47	
4	3.09	3.07	3.55	6.95	6.50	7.59	9.12	7.65	5.34	4.35	3.89	3.46	
5	3.07	3.06	3.65	6.89	6.51	7.74	9.11	7.57	5.28	4.33	3.87	3.45	
6	3.05	3.08	3.87	6.98	6.53	7.03	9.10	7.49	5.23	4.31	3.85	3.43	
7	3.04	3.11	3.72	6.07	6.56	7.91	9.07	7.41	5.17	4.29	3.83	3.42	
8	3.02	3.13	3.99	6.04	6.58	7.98	9.04	7.33	5.11	4.28	3.83	3.40	
9	3.01	3.15	4.09	6.02	6.61	8.05	9.02	7.25	5.07	4.26	3.81	3.40	
10	2.98	3.16	4.25	6.02	6.60	8.10	8.98	7.19	5.02	4.25	3.80	3.37	
11	2.97	3.19	4.45	6.78	6.63	8.11	8.94	7.07	4.98	4.23	3.78	3.36	
12	2.97	3.23	4.60	6.75	6.66	8.12	8.90	6.97	4.95	4.22	3.76	3.34	
13	2.96	3.26	4.78	6.79	6.67	8.12	8.85	6.89	4.90	4.20	3.76	3.33	
14	2.95	3.30	4.95	6.75	6.64	8.14	8.80	6.80	4.85	4.19	3.74	3.31	
15	2.92	3.29	5.09	6.73	6.63	8.15	8.76	6.69	4.83	4.18	3.74	3.30	
16	2.91	3.34	5.19	6.68	6.66	8.15	8.74	6.61	4.78	4.16	3.73	3.29	
17	2.89	3.40	5.29	6.59	6.69	8.14	8.72	6.50	4.74	4.16	3.73	3.28	
18	2.88	3.43	5.32	6.49	6.70	8.40	8.67	6.43	4.70	4.14	3.73	3.25	
19	2.87	3.48	5.35	6.41	6.70	8.20	8.63	6.35	4.68	4.13	3.70	3.25	
20	2.85	3.53	5.31	6.29	6.69	8.42	8.51	6.28	4.64	4.11	3.69	3.24	
21	2.85	3.59	5.29	6.21	6.74	8.46	8.46	6.20	4.61	4.10	3.68	3.22	
22	2.84	3.65	5.35	6.13	6.76	8.43	8.36	6.13	4.59	4.08	3.67	3.21	
23	2.85	3.67	5.29	6.09	6.93	8.42	8.33	6.07	4.55	4.08	3.67	3.19	
24	2.86	3.64	5.40	5.99	6.99	8.45	8.28	6.00	4.49	4.06	3.65	3.18	
25	2.85	3.61	5.84	6.09	7.06	8.51	8.22	5.93	4.53	4.05	3.85	3.18	
26	2.87	3.58	5.89	6.12	7.10	8.61	8.17	5.86	4.50	4.04	3.63	3.14	
27	2.93	3.54	5.97	6.21	7.12	8.72	8.11	5.79	4.55	4.01	3.61	3.13	
28	3.01	3.52	6.08	6.24	7.10	8.76	8.06	5.73	4.47	4.01	3.59	3.11	
29	3.09	3.47	6.21	6.33		8.77	8.01	5.65	4.44	3.99	3.58	3.10	
30	3.20	3.44	6.25	6.20		8.95	8.19	5.58	4.43	3.97	3.55	3.07	
31	3.22		6.34	6.29		9.05		5.54		3.95	3.54		
MEAN	2.99	3.34	4.09	6.52	6.69	8.20	8.60	6.66	4.85	4.17	3.74	3.30	5.22
MX.	3.22	3.67	6.34	6.99	7.10	9.05	9.13	7.07	5.51	4.40	3.93	3.52	9.13
MIN.	2.84	3.06	3.43	5.99	6.11	7.07	8.01	5.54	4.43	3.95	3.54	3.07	2.84

QM ST.: A-200 MACHIYA FERRY YEAR : 1978/79 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	49.5	51.5	64.1	334.4	284.4	415.6	714.2	515.2	221.6	125.2	92.1	69.0	
2	48.0	50.1	65.3	349.7	324.5	402.1	722.9	505.2	215.6	124.0	92.2	67.5	
3	48.2	47.9	67.7	365.4	327.1	462.1	719.1	493.4	210.3	123.7	91.3	66.3	
4	47.5	46.5	70.9	373.9	330.4	474.0	721.2	483.2	205.4	121.9	90.6	65.0	
5	46.3	46.0	78.4	379.0	331.9	497.0	719.5	471.7	199.6	120.3	89.4	65.2	
6	45.6	46.0	77.6	377.1	334.1	509.3	715.9	460.4	194.9	119.0	88.7	64.2	
7	44.9	48.1	80.1	375.9	337.0	522.1	712.1	449.2	189.5	117.7	87.2	63.6	
8		49.1	99.4	372.4	339.6	532.3	707.2	437.7	184.5	116.8	86.8	62.8	
9	43.6	49.9	103.7	370.0	343.0	542.6	702.4	426.0	180.7	115.5	86.0	62.2	
10	42.6	50.6	114.7	369.6	342.8	550.1	696.5	418.9	175.9	114.7	85.1	61.2	
11	42.1	51.0	129.0	365.0	346.3	553.0	689.6	402.6	172.4	113.4	84.2	60.4	
12	42.0	52.7	147.7	361.5	349.7	553.4	682.2	388.9	170.3	112.7	83.1	59.6	
13	41.5	55.2	155.9	355.9	350.5	554.4	674.3	378.2	166.1	111.7	82.5	59.1	
14	41.1	57.6	159.0	351.9	347.9	556.0	664.9	366.9	162.7	110.8	81.0	58.1	
15	40.0	58.7	162.3	350.1	348.3	559.2	659.7	353.9	159.9	109.7	81.8	57.6	
16	39.5	59.5	161.5	352.4	349.4	560.1	655.8	343.0	155.9	108.9	81.0	56.9	
17	39.0	62.0	159.9	348.4	353.9	556.0	652.0	330.7	152.6	108.5	80.9	56.2	
18	38.3	64.2	203.9	327.0	354.3	590.5	643.0	322.4	149.1	107.0	80.9	55.3	
19	37.8	65.5	206.0	318.0	354.7	579.4	636.6	312.3	147.2	106.6	79.4	54.9	
20	37.2	69.7	202.5	305.2	353.9	602.4	616.4	303.9	144.2	105.1	78.9	54.4	
21	36.9	72.1	200.5	296.1	359.6	607.9	607.4	294.7	142.1	104.5	77.8	53.7	
22	36.7	76.0	206.0	287.1	362.3	602.9	592.6	287.1	140.1	103.5	77.5	53.1	
23	37.2	77.6	210.6	282.7	370.0	602.0	587.2	281.0	138.2	102.9	77.2	52.2	
24	37.4	75.7	219.2	272.0	381.2	605.9	578.4	272.6	132.4	102.1	76.2	51.5	
25	37.2	73.9	234.4	282.0	400.9	616.9	569.2	265.0	135.4	101.0	76.0	50.5	
26	38.0	72.2	260.9	286.1	407.0	622.6	562.0	257.8	133.5	100.4	75.2	49.6	
27	40.2	70.2	278.0	296.8	409.1	652.0	553.0	250.1	137.1	99.8	74.2	49.1	
28	43.7	68.0	282.0	299.9	417.7	657.7	544.9	242.8	130.0	99.2	73.1	48.2	
29	47.2	66.5	295.8	309.8		660.3	537.4	236.3	129.1	98.8	72.4	47.7	
30	52.4	64.9	301.0	303.9		692.3	564.9	227.0	128.2	95.9	70.9	46.4	
31	53.2		310.9	305.2		700.3		224.3		94.5	69.0		
MEAN	42.6	60.1	173.9	333.0	354.3	560.4	646.7	355.0	163.5	109.5	81.5	57.4	244.0
MX.	53.2	77.6	310.9	379.0	417.7	700.3	722.9	515.2	221.6	126.2	93.1	69.0	722.9
MIN.	36.7	46.0	64.1	272.0	284.4	402.1	537.4	224.3	128.2	94.5	69.0	46.4	36.7

[Discharge Rating Curve]:Q=10.984*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(5day): 259.6 Q(105day): 155.9 Q(275day): 70.0 Q(355day): 39.5

MASTER PROGRAM for DD 05(Leap Year):Daily River W/L & Discharge >>>

HM ST.: 4-200 MACHIYA FERRY YEAR : 1979/80 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	3.07	3.12	3.95	6.09	5.97	6.35	7.25	7.16	4.05	4.13	3.77	3.35	
2	3.05	3.09	3.95	6.11	5.93	6.25	7.29	7.12	4.02	4.12	3.75	3.34	
3	3.04	3.04	3.97	6.12	6.09	6.26	7.25	6.99	4.79	4.11	3.75	3.33	
4	3.01	3.02	3.99	5.14	6.17	6.36	7.21	6.96	4.75	4.09	3.75	3.32	
5	3.00	3.00	4.05	6.17	6.22	6.30	7.17	6.90	4.73	4.07	3.75	3.31	
6	" 99	2.99	4.11	6.20	6.30	6.39	7.13	6.86	4.69	4.04	3.73	3.29	
7	2.97	2.99	4.17	6.21	6.35	6.45	7.09	6.77	4.67	4.01	3.71	3.29	
8	2.97	2.99	4.20	6.20	6.56	6.59	7.06	6.59	4.64	3.99	3.69	3.27	
9	2.95	2.97	4.46	6.21	6.44	6.70	7.01	6.51	4.59	3.95	3.66	3.26	
10	2.94	3.04	4.61	6.21	6.47	6.84	6.98	6.46	4.57	3.93	3.65	3.24	
11	2.93	3.04	4.72	6.21	6.49	6.95	6.90	6.35	4.56	3.92	3.63	3.24	
12	2.93	3.01	4.56	6.21	6.50	7.00	6.99	6.29	4.53	3.91	3.62	3.22	
13	2.91	3.02	4.95	6.20	6.50	7.15	6.99	6.16	4.51	3.89	3.61	3.21	
14	2.91	3.05	5.14	6.20	6.51	7.32	7.02	6.07	4.44	3.88	3.61	3.20	
15	2.91	3.11	5.34	6.19	6.52	7.43	7.07	6.04	4.40	3.86	3.60	3.19	
16	2.92	3.18	5.50	6.17	6.51	7.51	7.10	5.96	4.36	3.85	3.59	3.18	
17	2.94	3.24	5.65	6.13	6.50	7.55	7.16	5.86	4.34	3.85	3.57	3.17	
18	2.95	3.31	5.78	6.06	6.40	7.57	7.21	5.82	4.32	3.84	3.56	3.16	
19	2.95	3.39	5.89	5.99	6.44	7.61	7.26	5.78	4.29	3.84	3.54	3.14	
20	2.97	3.41	5.97	5.90	6.40	7.64	7.30	5.75	4.28	3.83	3.53	3.13	
21	3.01	3.46	6.06	5.81	6.36	7.64	7.32	5.72	4.25	3.83	3.52	3.11	
22	3.06	3.54	6.07	5.80	6.32	7.64	7.34	5.70	4.25	3.83	3.51	3.09	
23	3.14	3.59	6.04	5.61	6.30	7.64	7.33	5.68	4.23	3.82	3.50	3.09	
24	3.24	3.64	6.05	5.57	6.25	7.62	7.32	5.64	4.22	3.80	3.49	3.07	
25	3.29	3.72	6.01	5.53	6.22	7.60	7.31	5.59	4.20	3.79	3.47	3.05	
26	3.29	3.77	6.06	5.52	6.23	7.57	7.29	5.52	4.18	3.77	3.45	3.04	
27	3.20	3.82	6.07	5.57	6.23	7.54	7.27	5.42	4.17	3.75	3.44	3.02	
28	"	3.88	6.07	5.65	6.27	7.51	7.25	5.32	4.16	3.73	3.42	3.01	
29	3.22	3.89	6.15	5.70	6.30	7.47	7.22	5.20	4.15	3.72	3.41	2.97	
30	3.19	3.93	6.11	5.75		7.44	7.20	5.08	4.14	3.70	3.39	2.93	
31	3.15		6.10	5.84		7.40		5.01		3.70	3.37		
MEAN	3.05	3.21	5.22	5.97	6.34	7.15	7.10	6.07	4.44	3.89	3.58	3.17	4.94
MAX.	3.29	3.93	6.15	6.21	6.56	7.64	7.36	7.16	4.95	4.13	3.77	3.35	7.64
MIN.	2.91	2.97	3.95	5.52	5.97	6.35	6.90	5.01	4.14	3.70	3.37	2.93	2.91

QM ST.: 4-200 MACHIYA FERRY YEAR : 1979/80 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	46.3	48.8	94.7	202.4	259.8	311.9	442.4	414.0	152.5	108.6	83.6	60.2	
2	45.6	47.2	94.7	204.7	265.3	312.6	431.0	400.7	159.4	105.0	82.9	59.5	
3	44.9	45.3	96.8	207.1	261.7	313.4	426.0	392.1	156.1	105.1	82.5	58.8	
4	43.7	44.4	97.0	208.2	261.9	314.1	421.0	387.7	153.9	104.1	82.3	58.4	
5	43.2	43.4	101.0	291.9	297.5	315.5	416.0	380.6	151.4	102.5	82.1	57.9	
6	42.5	42.9	105.6	295.1	305.3	317.7	409.9	374.7	149.4	100.6	81.0	57.1	
7	42.1	42.6	109.3	295.1	312.3	323.8	405.4	367.8	145.7	99.2	79.9	56.7	
8	41.9	42.5	111.7	295.4	327.8	340.7	400.5	361.5	144.5	98.8	79.8	55.9	
9	41.2	42.2	130.5	296.4	323.1	355.0	394.9	331.1	140.6	94.8	78.9	55.2	
10	40.7	45.3	142.1	296.8	326.4	372.8	390.9	325.3	139.8	93.7	78.4	54.6	
11	40.4	44.9	150.9	295.8	328.9	386.1	388.6	311.9	139.8	92.7	75.3	54.3	
12	40.2	43.7	145.7	295.8	330.8	393.7	391.7	305.6	135.9	91.9	74.6	53.7	
13	39.7	44.1	170.3	295.1	330.7	413.2	392.1	290.9	134.8	90.8	74.1	52.9	
14	39.5	45.4	186.7	294.7	331.5	426.9	396.5	281.8	129.1	90.8	73.8	52.5	
15	39.4	48.1	205.7	292.8	332.2	452.2	401.7	277.3	125.7	89.8	73.2	51.9	
16	39.8	51.5	220.4	291.3	331.1	462.8	406.2	269.8	123.2	88.5	72.7	51.5	
17	40.9	54.6	235.9	286.8	330.8	460.2	414.4	258.2	121.2	88.1	71.9	51.1	
18	41.1	57.8	248.5	278.7	327.8	472.1	421.8	253.3	119.9	87.9	71.8	50.6	
19	41.6	62.8	261.1	271.3	323.4	477.9	420.1	248.5	117.9	87.5	70.3	49.9	
20	42.1	63.2	269.6	262.1	318.7	481.8	433.5	248.8	117.1	87.3	69.7	49.1	
21	43.8	65.8	279.8	252.8	313.7	481.8	436.9	242.4	116.8	87.3	69.8	48.1	
22	45.8	69.8	281.8	239.4	309.1	482.3	439.8	240.9	114.7	87.8	68.3	47.4	
23	48.8	72.7	276.6	232.2	305.6	481.8	439.1	239.4	113.6	88.2	67.7	46.8	
24	"	"	0	228.8	301.8	478.8	436.4	235.3	112.5	85.5	66.8	46.3	
25	56.4	88.1	274.3	224.8	297.1	475.7	434.8	229.5	111.7	84.3	66.8	45.8	
26	56.5	93.2	279.7	223.1	298.2	472.1	432.7	222.8	110.4	83.4	65.3	45.8	
27	56.2	96.4	280.8	228.3	298.9	466.9	429.2	212.7	109.3	82.3	64.4	44.5	
28	55.2	99.8	280.8	235.6	302.7	462.5	426.4	203.9	108.5	81.2	63.4	43.7	
29	53.5	98.8	289.2	240.9	306.6	457.8	423.2	192.3	107.6	80.3	62.9	42.1	
30	51.8	93.5	285.4	247.6		453.8	420.2	181.2	107.2	79.4	61.9	40.4	
31	50.3		283.7	255.6		447.9		175.3		79.1	61.8		
MEAN	45.5	50.9	202.1	270.5	311.8	415.5	417.4	285.1	129.2	90.9	72.5	51.4	195.6
MAX.	56.5	93.5	289.2	295.8	327.8	482.3	442.4	414.0	152.5	108.6	83.6	60.2	482.3
MIN.	39.4	42.2	94.7	223.1	259.8	311.9	390.6	175.3	107.2	79.1	61.8	40.4	39.4

[Discharge Rating Curve].Q=10.964*(H-1.812)^2
[Flow Regime (m3/s)]:
Q(95day): 289.8 Q(185day): 138.8 Q(275day): 60.2 Q(355day): 41.6

<< MASTER PROGRAM for 08-05(Normal Year).Daily River W/L & Discharge >>>

WM ST.: 4-290 MACHIYA FERRY YEAR : 1990/91 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.93	3.22	2.80	4.66	6.12	7.30	7.93	5.90	4.47	3.93	3.50	3.16	
2	2.92	3.19	2.82	4.74	6.10	7.40	7.85	5.87	4.43	3.80	3.50	3.15	
3	2.94	3.12	2.85	4.80	6.07	7.55	7.75	5.86	4.40	3.79	3.49	3.14	
4	2.93	3.07	2.93	4.83	6.05	7.58	7.70	5.89	4.37	3.78	3.48	3.12	
5	2.94	3.04	2.97	4.85	6.05	7.65	7.66	5.90	4.35	3.77	3.47	3.12	
6	2.93	3.00	3.11	4.84	6.03	7.72	7.63	5.92	4.34	3.75	3.46	3.11	
7	2.92	2.99	3.19	3.58	6.02	7.76	7.59	5.93	4.30	3.74	3.44	3.11	
8	2.91	2.98	3.18	4.76	6.01	7.85	7.53	5.93	4.25	3.73	3.44	3.09	
9	2.89	2.97	3.14	4.69	5.99	7.86	7.47	5.92	4.24	3.72	3.43	3.08	
10	2.87	2.94	3.09	4.71	5.96	7.86	7.44	5.89	4.21	3.71	3.42	3.08	
11	2.86	2.94	3.05	4.72	5.94	7.86	7.28	5.82	4.18	3.70	3.41	3.07	
12	2.86	2.95	3.02	4.73	5.94	8.00	7.20	5.74	4.15	3.69	3.39	3.06	
13	2.85	2.90	3.02	4.72	5.92	8.15	7.21	5.63	4.12	3.60	3.37	3.04	
14	2.83	2.87	3.00	4.75	5.92	8.33	7.14	5.52	4.10	3.67	3.37	3.04	
15	2.82	2.84	3.25	4.81	5.90	8.43	7.00	5.42	4.08	3.66	3.36	3.03	
16	2.82	2.81	3.40	4.87	5.89	8.49	6.97	5.37	4.06	3.65	3.36	3.01	
17	2.83	2.89	3.47	4.90	6.13	8.52	6.89	5.26	4.04	3.64	3.25	3.00	
18	2.83	2.91	3.53	5.07	6.24	8.54	6.81	5.10	4.03	3.62	3.34	2.99	
19	2.84	2.89	3.59	5.20	6.15	8.53	6.75	5.03	4.01	3.61	3.32	2.97	
20	2.87	2.92	3.65	5.34	6.57	8.51	6.63	4.96	3.99	3.60	3.30	2.98	
21	2.87	2.93	3.70	5.49	6.70	8.48	6.50	4.89	3.95	3.60	3.29	2.95	
22	2.90	2.91	3.78	5.62	6.78	8.42	6.47	4.84	3.95	3.58	3.29	2.93	
23	2.92	2.84	3.82	5.74	6.82	8.37	6.38	4.79	3.95	3.58	3.27	2.92	
24	2.94	2.84	3.95	5.89	6.82	8.31	6.30	4.74	3.94	3.58	3.26	2.90	
25	2.93	2.85	4.09	5.99	7.01	8.24	6.24	4.69	3.92	3.57	3.25	2.89	
26	3.00	2.84	4.10	6.04	7.20	8.19	6.19	4.65	3.90	3.56	3.24	2.88	
27	3.05	2.82	4.24	6.08	7.22	8.12	6.08	4.61	3.87	3.55	3.23	2.86	
28	3.09	2.80	4.33	6.10	7.24	8.06	6.02	4.59	3.87	3.54	3.21	2.84	
29	3.16	2.78	4.43	6.12		8.03	5.96	4.55	3.86	3.53	3.19	2.83	
30	3.24	2.79	4.50	6.11		7.99	5.94	4.52	3.86	3.51	3.19	2.82	
31	3.25		4.59	6.12		7.95		4.49		3.50	3.17		
MEAN	2.93	2.94	3.51	5.19	6.33	8.07	6.95	5.30	4.11	3.65	3.34	3.00	4.60
MAX	3.25	3.22	4.59	6.12	7.24	8.54	7.92	5.93	4.47	3.93	3.50	3.16	8.54
MIN.	2.82	2.78	2.80	3.58	5.92	7.38	5.94	4.49	3.86	3.50	3.17	2.82	2.78

QM ST.: 4-290 MACHIYA FERRY YEAR : 1990/91 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	40.2	53.7	35.2	146.2	285.9	444.9	522.5	261.7	131.0	86.0	67.0	50.8	
2	40.0	51.8	35.7	152.3	283.4	459.1	512.0	258.5	128.2	85.5	67.7	50.2	
3	40.6	48.9	36.9	157.4	280.7	469.6	497.9	257.2	125.5	84.7	67.3	49.9	
4	40.8	46.5	40.4	159.9	278.3	472.6	490.7	260.8	123.7	84.0	66.9	49.9	
5	40.7	45.0	42.2	161.2	276.0	482.7	484.1	262.1	122.6	83.2	66.3	48.5	
6	40.3	43.2	48.4	160.4	275.6	483.9	478.3	264.0	121.2	82.3	65.5	48.4	
7	40.0	42.6	51.9	72.4	275.0	483.3	474.0	265.7	119.6	81.4	64.9	48.1	
8	39.5	42.5	51.5	153.8	273.8	512.4	468.0	265.7	116.0	81.0	64.5	47.5	
9	38.5	41.0	49.8	148.4	272.9	514.3	457.9	264.3	114.2	80.7	63.9	47.1	
10	37.9	40.0	47.5	150.1	268.0	514.3	452.6	261.1	111.9	80.0	63.4	46.7	
11	37.5	40.7	45.7	150.9	268.7	514.3	430.5	253.0	110.0	79.4	62.9	46.4	
12	37.3	41.7	44.1	151.6	268.3	535.1	412.3	245.3	108.3	78.9	62.0	45.9	
13	36.9	42.6	44.2	150.9	264.0	559.2	421.4	234.1	106.2	78.2	61.2	45.2	
14	36.3	42.1	47.0	152.0	263.7	586.7	411.9	222.9	104.5	77.6	61.0	44.9	
15	35.8	40.7	55.0	150.1	271.0	602.9	403.8	213.0	103.1	76.9	60.7	44.5	
16	35.9	39.5	62.3	163.5	272.0	612.9	388.9	208.0	101.9	76.4	60.2	44.9	
17	36.1	38.8	66.2	172.9	287.5	618.4	379.6	197.9	100.8	75.7	56.9	43.2	
18		38.4	69.3	181.0	299.5	620.9	368.1	183.2	99.6	74.8	59.3	42.8	
19	36.8	38.6	72.7	192.3	299.9	619.4	360.4	177.2	98.8	74.3	58.5	42.2	
20	37.7	40.0	78.2	205.1	330.1	615.9	348.8	170.8	98.8	73.6	57.6	41.6	
21	38.8	40.2	79.4	219.8	354.3	611.4	329.6	165.1	95.4	73.2	57.1	41.1	
22	38.9	39.5	82.9	232.9	365.4	602.8	327.1	160.7	95.8	72.6	56.7	40.4	
23	40.8	38.7	86.2	245.3	370.4	593.6	315.5	156.4	94.7	72.2	56.1	39.8	
24	40.8	38.8	94.7	261.1	382.6	584.3	306.3	152.6	94.3	72.0	55.2	39.2	
25	40.3	38.9	103.7	271.3	394.9	573.6	299.2	148.6	92.9	71.9	54.7	38.8	
26	42.4	38.7	109.7	277.6	420.2	564.9	294.4	145.5	90.4	71.4	54.4	38.3	
27	45.7	38.9	114.0	281.4	422.2	554.4	282.0	141.9	89.5	70.7	54.0	37.4	
28	47.5	38.1	120.6	283.4	430.6	544.8	274.6	139.7	89.4	69.9	53.1	36.7	
29	50.8	38.3	127.9	285.1		540.7	269.8	145.2	89.2	69.5	52.2	36.1	
30	54.3	38.5	133.1	285.4		534.1	266.8	135.2	88.7	69.5	51.8	35.7	
31	54.9		140.1	286.5		529.5		132.4		69.8	51.1		
MEAN	40.6	40.9	71.4	195.9	312.8	547.7	391.3	204.9	105.4	76.6	59.8	43.7	173.4
MAX	54.9	53.7	140.1	286.5	430.6	620.9	522.5	265.7	131.0	86.0	67.8	50.8	620.9
MIN.	35.8	34.2	35.2	72.4	263.7	444.9	266.8	132.4	88.7	69.8	51.1	35.7	34.2

[Discharge Rating Curve]:Q=10.984*(H-1.012)^2
[Flow Regime (m3/s)]:
Q(15day): 265.7 Q(185day): 89.6 Q(275day): 40.4 Q(355day): 36.1

<< MASTER PROGRAM for DR-95(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-200 MACHIYA FERRY YEAR : 1991/92 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.81	2.74	2.84	3.16	4.67	6.40	4.66	4.24	3.69	3.11	2.92	2.71	
2	2.80	2.74	2.85	3.21	4.72	6.39	4.63	4.23	3.63	3.11	2.91	2.70	
3	2.80	2.74	2.86	3.26	4.78	6.37	4.59	4.19	3.61	3.11	2.90	2.69	
4	2.79	2.74	2.87	3.32	4.81	6.36	4.56	4.16	3.59	3.11	2.89	2.69	
5	2.78	2.74	2.88	3.40	4.95	6.36	4.54	4.15	3.55	3.04	2.88	2.68	
6	2.78	2.74	2.89	3.43	5.22	6.35	4.52	4.13	3.52	3.04	2.88	2.68	
7	2.77	2.69	2.90	3.44	5.30	6.35	4.48	4.12	3.50	3.04	2.87	2.67	
8	[illegible]		2.91	3.45	5.35	6.35	4.45	4.11	3.48	3.04	2.87	2.67	
9	2.77	2.61	2.92	3.45	5.35	6.33	4.43	4.09	3.46	3.04	2.87	2.66	
10	2.77	2.60	2.93	3.48	5.37	6.30	4.40	4.09	3.44	3.03	2.86	2.66	
11	2.77	2.60	2.94	3.52	5.43	6.18	4.39	4.00	3.41	3.03	2.86	2.66	
12	2.77	2.60	2.95	3.51	5.53	6.15	4.34	4.06	3.35	3.02	2.85	2.66	
13	2.77	2.59	2.96	3.53	5.59	6.14	4.32	4.05	3.33	3.02	2.85	2.66	
14	2.77	2.59	2.97	3.71	5.68	6.10	4.30	4.04	3.31	3.01	2.84	2.65	
15	2.76	2.58	2.98	3.80	5.76	6.04	4.29	4.03	3.29	3.01	2.84	2.65	
16	2.76	2.58	2.99	3.88	5.87	5.93	4.28	3.96	3.28	3.00	2.83	2.65	
17	2.76	2.59	3.00	3.86	5.91	5.84	4.27	3.94	3.27	2.99	2.83	2.65	
18	2.75	2.60	3.01	3.85	5.92	5.73	4.24	3.93	3.26	2.98	2.82	2.64	
19	2.76	2.62	3.03	3.94	6.04	5.68	4.14	3.92	3.25	2.97	2.81	2.63	
20	2.76	2.56	3.04	3.99	6.16	5.58	4.10	3.89	3.23	2.96	2.80	2.62	
21	2.76	2.55	3.05	4.01	6.21	5.47	4.09	3.87	3.22	2.96	2.79	2.62	
22	2.76	2.61	3.06	4.03	6.21	5.39	4.11	3.81	3.20	2.95	2.78	2.61	
23	2.75	2.64	3.07	4.06	6.45	5.26	4.15	3.79	3.19	2.95	2.77	2.59	
24	2.75	2.65	3.08	4.10	6.56	5.22	4.21	3.76	3.19	2.94	2.76	2.59	
25	2.75	2.68	3.09	4.13	6.82	5.12	4.24	3.73	3.17	2.94	2.75	2.57	
26	2.75	2.71	3.10	4.16	6.78	5.03	4.25	3.72	3.15	2.94	2.75	2.56	
27	2.75	2.76	3.11	4.22	6.75	4.96	4.27	3.70	3.15	2.94	2.75	2.55	
28	2.75	2.79	3.12	4.25	6.75	4.93	4.30	3.70	3.14	2.94	2.74	2.54	
29	2.75	2.82	3.13	4.45		4.74	4.29	3.69	3.12	2.93	2.73	2.52	
30	2.75	2.82	3.14	4.59		4.69	4.28	3.69	3.12	2.93	2.73	2.52	
31	2.74		3.15	4.63		4.60		3.69		2.93	2.72		
MEAN	2.77	2.66	2.99	3.99	5.75	5.75	4.34	3.95	3.34	3.00	2.82	2.69	2.84
MAX.	2.81	2.82	3.15	4.63	6.82	6.40	4.66	4.24	3.69	3.11	2.92	2.71	6.82
MIN.	2.74	2.55	2.84	3.16	4.67	4.60	4.09	3.69	3.12	2.93	2.72	2.52	2.52

QM ST.: 4-200 MACHIYA FERRY YEAR : 1991/92 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	35.5	32.9	36.5	50.6	146.7	310.4	145.9	114.0	70.5	40.4	30.9	31.7	
2	35.2	32.7	36.9	52.9	150.9	315.9	143.0	113.4	75.2	40.2	29.4	31.4	
3	34.9	32.7	37.4	55.3	154.3	314.4	140.6	110.6	74.1	40.2	29.0	31.0	
4	34.5	32.6	37.0	58.5	150.1	313.4	138.0	109.2	72.5	40.2	30.5	30.8	
5	34.1	32.6	38.2	62.0	170.0	313.0	136.3	107.5	70.5	45.3	29.3	30.6	
6	34.1	32.6	38.8	63.9	194.3	312.5	134.7	108.6	69.2	45.2	30.1	30.4	
7	34.0	30.9	39.1	64.9	201.4	212.9	131.9	106.0	68.0	45.0	27.9	30.1	
8	[illegible].0	28.7	38.5	65.0	208.0	311.9	129.9	105.1	67.0	45.0	27.8	30.1	
9	34.0	27.9	39.9	65.2	208.3	309.9	127.9	104.1	65.5	44.9	27.7	29.9	
10	33.9	27.8	40.4	67.0	208.0	308.3	126.2	103.7	64.7	44.9	27.5	29.9	
11	33.9	27.6	40.8	69.2	214.4	292.6	124.1	103.5	63.1	44.8	27.3	29.8	
12	33.8	27.5	41.3	60.7	223.4	209.9	121.7	102.1	60.1	44.4	27.2	29.8	
13	33.9	27.3	41.7	69.3	220.9	209.8	119.7	101.4	58.7	44.1	26.9	29.7	
14	33.7	27.2	42.2	79.8	230.4	203.7	118.9	100.6	57.9	44.0	26.7	29.6	
15	33.7	27.1	43.6	85.3	248.9	277.3	117.9	99.0	57.1	43.7	26.5	29.6	
16	33.6	26.9	43.1	90.4	250.5	264.7	117.3	95.0	56.4	43.4	26.2	29.6	
17	33.6	27.3	43.5	89.2	263.4	255.9	116.6	94.1	5[illegible]		[illegible]	[illegible].4	
18	33.5	27.9	44.0	88.5	284.3	244.1	114.2	93.3	55.3	42.5	25.7	29.0	
19	33.5	28.2	44.4	94.3	277.0	239.7	107.0	92.7	55.0	42.1	25.5	28.7	
20	33.4	26.4	44.9	97.0	290.9	229.9	104.3	90.6	53.8	41.7	25.1	28.4	
21	33.4	26.1	45.4	98.9	296.4	219.3	103.7	89.4	53.2	41.5	24.7	28.2	
22	33.3	28.0	45.9	99.0	307.7	209.7	105.1	85.0	52.5	41.3	24.4	27.9	
23	33.3	29.0	46.3	102.1	324.2	198.2	107.8	84.2	51.8	41.1	24.0	28.7	
24	33.2	29.6	46.8	104.7	337.0	194.3	112.3	82.5	51.3	40.9	23.7	28.6	
25	33.2	30.5	47.2	106.8	369.6	185.1	114.2	81.0	50.9	40.7	23.2	28.5	
26	33.1	31.5	47.7	100.7	385.4	176.9	115.7	80.1	50.3	40.6	23.1	28.4	
27	33.1	33.3	48.2	113.2	362.7	170.6	116.2	79.2	49.9	40.6	23.0	[illegible].0	
28	33.1	34.3	48.7	121.9	360.0	160.2	110.4	79.1	49.5	40.6	32.7	25.8	
29	33.0	35.0	49.2	129.4		152.6	110.1	78.9	49.0	40.4	32.4	25.0	
30			49.6	140.1		140.6	117.1	78.7	48.5	40.3	32.3	24.9	
31	32.9		50.1	143.5							[illegible].1		
MEAN	33.7	30.0	43.2	87.3	250.9	250.1	121.9	95.2	59.5	43.4	25.9	28.0	88.0
MAX.	35.5	35.0	50.1	143.5	369.6	318.4	145.9	114.0	70.5	45.4	29.9	31.7	369.6
MIN.	32.9	26.1	36.5	50.6	146.7	147.2	103.7	78.5	48.5	40.3	32.1	24.9	24.9

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Low Regime (m3/s)]:

Q([illegible]5day): 107.9 Q(185day): 40.5 Q(275day): 24.0 Q(355day): 26.9

<< MASTER PROGRAM for 00 05(Normal Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1992/93 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.52	2.67	3.06	3.92	5.40	6.09	5.23	4.03	3.46	3.11	2.99	2.72	
2	2.52	2.68	3.15	3.93	5.54	6.07	4.97	4.02	3.42	3.11	2.98	2.72	
3	2.51	2.65	3.20	3.92	5.59	6.04	4.89	4.01	3.37	3.11	2.97	2.71	
4	2.51	2.62	3.65	3.91	5.62	6.01	4.76	4.00	3.36	3.11	2.97	2.71	
5	2.51	2.61	3.77	3.91	5.70	6.70	4.65	3.99	3.34	3.11	2.97	2.70	
6	2.51	2.61	3.83	3.90	5.89	6.72	4.62	3.96	3.33	3.07	2.96	2.69	
7	2.51	2.60	3.85	3.90	5.95	6.51	4.58	3.95	3.31	3.06	2.95	2.68	
8	2.51	2.59	3.86	3.86	6.04	6.36	4.56	3.94	3.30	3.05	2.95	2.67	
9	2.52	2.56	3.86	3.83	6.07	6.29	4.55	3.92	3.30	3.04	2.94	2.66	
10	2.51	2.54	3.86	3.82	6.09	6.27	4.53	3.91	3.29	3.03	2.94	2.66	
11	2.49	2.52	3.86	3.80	6.15	6.26	4.83	3.89	3.30	3.01	2.94	2.66	
12	2.49	2.52	3.87	3.84	6.21	6.26	4.99	3.95	3.27	3.00	2.93	2.65	
13	2.49	2.51	3.90	3.97	6.20	6.26	5.02	3.93	3.25	2.99	2.93	2.64	
14	2.50	2.51	3.91	3.99	6.32	6.24	5.03	3.91	3.23	2.99	2.93	2.63	
15	2.49	2.52	3.89	3.97	6.37	6.19	5.01	3.70	3.22	2.99	2.92	2.63	
16	2.48	2.53	3.88	3.96	6.43	6.16	4.93	3.76	3.21	2.97	2.91	2.62	
17	2.47	2.54	3.90	3.95	6.50	6.14	4.95	3.72	3.21	2.97	2.91	2.62	
18	2.48	2.57	3.91	4.01	6.52	6.10	4.92	3.68	3.20	2.96	2.90	2.61	
19	2.51	2.60	3.92	4.02	6.54	6.04	4.77	3.65	3.19	2.96	2.90	2.61	
20	2.51	2.65	3.94	4.03	6.59	5.99	4.60	3.64	3.16	2.95	2.79	2.60	
21	2.52	2.74	3.95	4.00	6.65	5.95	4.50	3.62	3.15	2.95	2.79	2.60	
22	2.52	2.90	3.97	4.09	6.77	5.92	4.41	3.61	3.15	2.94	2.79	2.59	
23	2.55	2.97	4.04	4.16	6.79	5.88	4.37	3.58	3.14	2.93	2.79	2.59	
24	2.55	2.96	4.09	4.20	6.93	5.90	4.33	3.55	3.14	2.91	2.79	2.62	
25	2.53	2.96	4.14	4.25	6.86	5.75	4.27	3.53	3.13	2.90	2.79	2.61	
26	2.71	2.86	4.13	4.31	6.89	5.74	4.21	3.51	3.13	2.90	2.79	2.60	
27	2.72	2.89	4.00	4.40	6.90	5.56	4.10	3.49	3.12	2.90	2.77	2.59	
28	.71	2.94	4.02	4.74	6.91	5.47	4.09	3.48	3.13	2.89	2.77	2.54	
29	2.70	2.99	3.94	4.79		5.45	4.05	3.48	3.12	2.89	2.74	2.53	
30	2.69	3.01	3.93	4.81		5.40	4.04	3.47	3.11	2.88	2.73	2.51	
31	2.69		3.92	4.83		5.25		3.47		2.88	2.73		
MEAN	2.55	2.80	3.95	4.10	6.30	6.13	4.52	3.75	3.23	2.99	2.81	2.63	2.79
MX.	2.72	3.01	4.14	4.83	6.91	6.99	5.22	4.03	3.46	3.11	2.98	2.72	6.91
MIN.	2.47	2.51	3.86	3.80	5.40	5.25	4.04	3.47	3.11	2.88	2.73	2.51	2.47

QM ST.: 4-200 MACHIYA FERRY YEAR : 1992/93 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.9	30.3	46.1	92.9	211.5	370.2	194.5	99.6	65.5	40.4	39.3	32.2	
2	24.9	29.8	50.1	93.7	224.9	375.9	171.6	99.0	64.2	40.2	38.1	31.9	
3	24.8	29.3	56.5	92.5	229.6	372.0	164.3	98.4	60.9	40.2	38.0	31.7	
4	24.7	29.3	76.4	92.3	232.5	360.5	154.3	97.6	60.4	40.2	37.9	31.6	
5	24.7	28.9	92.4	91.9	240.6	364.6	145.5	96.6	59.5	40.2	37.7	31.3	
6	24.6	27.9	97.1	91.7	260.1	358.9	142.9	95.4	59.0	46.5	37.5	30.9	
7	24.6	27.6	98.5	91.2	267.6	321.5	139.2	94.7	59.1	46.1	37.2	30.5	
8	24.7	27.2	98.7	88.9	277.6	313.4	137.0	93.9	57.6	45.7	37.0	30.1	
9	25.0	26.3	99.0	87.1	288.0	305.9	137.3	92.9	57.4	45.0	36.8	29.9	
10	24.8	25.5	98.9	86.2	292.7	302.7	143.0	91.9	57.1	44.5	36.7	29.8	
11	24.0	25.1	99.2	90.4	299.9	302.4	160.2	90.8	56.4	43.7	36.5	29.7	
12	23.8	24.9	99.6	97.9	296.4	302.4	173.7	89.5	55.8	43.4	36.4	29.4	
13	24.1	24.7	91.2	95.6	304.5	301.7	175.9	87.2	54.9	43.0	36.3	29.2	
14						9	176.7	85.6	53.8	42.9	36.2	29.7	
15	23.9	25.0	90.6	96.0	314.4	294.4	175.3	84.2	53.4	42.5	35.7	29.7	
16	23.8	25.2	90.0	95.0	322.4	290.2	160.4	82.5	52.1	42.2	35.6	29.5	
17	23.4	25.5	91.2	94.0	330.4	289.2	161.4	80.1	52.0	41.9	35.5	29.4	
18	23.7	26.5	92.1	99.8	332.2	283.4	150.6	78.8	52.4	41.6	35.2	29.1	
19	24.5	27.9	92.9	99.0	335.5	277.0	155.1	76.2	51.9	41.5	34.9	27.9	
20	24.7	28.6	93.9	99.8	340.0	271.3	147.7	75.5	50.6	41.3	34.7	27.5	
21	24.9	32.7	94.7	103.1	340.2	267.0	133.8	74.0	50.2	41.1	34.6	27.3	
22	24.9	30.4	96.2	104.1	363.1	264.3	126.4	73.9	49.8	40.6	34.5	27.2	
23	25.9	37.9	100.0	100.5	366.2	260.1	123.7	72.2	49.8	40.2	34.5	27.4	
24	26.0	37.5	104.1	111.4	371.6	251.1	120.6	70.8	49.5	39.7	34.4	28.2	
25	28.7	37.4	107.2	114.9	374.7	245.7	116.2	69.5	49.2	39.3	34.3	28.0	
26	31.5	37.4	106.6	119.0	378.2	244.7	112.3	68.5	49.1	39.2	34.1	27.6	
27	31.9	38.8	103.3	125.5	379.8	227.0	109.7	67.2	48.8	39.0	34.0	27.1	
28	31.7	40.9	99.2	152.1	381.0	217.4	103.8	66.8	48.8	38.8	34.0	25.5	
29	31.3	42.0	94.1	156.9		215.9	101.2	66.7	48.5	38.5	33.6	24.9	
30	30.9	43.7	93.3	158.4		211.2	100.2	66.3	48.4	38.4	33.4	24.6	
31	30.7		92.9	159.2		196.8		66.2		38.3	33.3		
MEAN	26.8	30.9	89.8	105.7	308.7	289.8	144.4	82.3	54.2	42.8	35.6	28.8	101.9
MX.	31.9	43.7	107.2	160.2	381.0	378.2	194.5	99.6	65.5	46.4	38.8	32.2	381.0
MIN.	23.4	24.7	46.1	86.2	211.5	196.8	100.2	66.2	48.4	38.3	33.3	24.6	23.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(5day): 100.5 Q(185day): 50.8 Q(275day): 34.5 Q(355day): 24.6

< MASTER PROGRAM for DD-05(Leap Year):Daily River W/L & Discharge >>>

WM ST.: 4-200 MACHIYA FERRY YEAR : 1993/94 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.50	2.47	2.53	3.60	4.32	5.51	5.25	3.63	3.00	2.75	2.59	2.40	
2	2.50	2.43	2.54	3.96	4.27	5.58	5.28	3.62	2.97	2.75	2.59	2.47	
3	2.50	2.42	2.55	4.22	4.36	5.64	5.32	3.61	2.94	2.75	2.59	2.47	
4	2.49	2.40	2.50	4.47	4.35	5.75	5.36	3.59	2.93	2.74	2.58	2.46	
5	2.48	2.40	2.60	4.70	4.34	5.79	5.39	3.59	2.92	2.73	2.58	2.45	
6	2.44	2.39	2.62	4.79	4.33	5.90	5.42	3.57	2.91	2.72	2.58	2.45	
7	2.43	2.39	2.64	4.85	4.32	5.97	5.42	3.55	2.90	2.72	2.58	2.44	
8	2.42	2.37	2.65	4.90	4.31	6.02	5.38	3.54	2.90	2.71	2.58	2.44	
9	2.40	2.37	2.67	4.92	4.33	6.04	5.33	3.53	2.90	2.71	2.58	2.44	
10	2.40	2.36	2.69	4.97	4.43	6.04	5.27	3.51	2.89	2.70	2.58	2.43	
11	2.39	2.35	2.71	5.04	4.42	6.03	5.19	3.48	2.88	2.69	2.57	2.42	
12	2.39	2.34	2.72	5.09	4.59	6.00	5.10	3.46	2.86	2.69	2.57	2.42	
13	2.39	2.33	2.70	5.11	4.62	5.97	5.00	3.40	2.85	2.68	2.57	2.41	
14	2.39	2.33	2.69	5.08	4.69	5.93	4.90	3.25	2.83	2.68	2.56	2.40	
15	2.39	2.32	2.69	5.04	4.74	5.89	4.82	3.22	2.82	2.68	2.55	2.38	
16	[illegible]	[illegible]3	2.71	5.03	4.76	5.84	4.65	3.21	2.81	2.68	2.54	2.38	
17	2.39	2.35	2.83	5.03	4.77	5.80	4.56	3.19	2.81	2.68	2.54	2.37	
18	2.38	2.37	2.87	5.01	4.81	5.76	4.45	3.17	2.81	2.68	2.53	2.37	
19	2.39	2.39	2.91	4.99	4.84	5.73	4.39	3.15	2.80	2.67	2.53	2.36	
20	2.40	2.40	2.93	4.98	4.86	5.67	4.32	3.14	2.80	2.67	2.52	2.35	
21	2.40	2.40	2.95	5.01	4.88	5.60	4.24	3.13	2.80	2.66	2.52	2.34	
22	2.47	2.41	2.99	5.03	4.90	5.50	4.17	3.13	2.79	2.66	2.52	2.33	
23	2.48	2.43	3.05	5.05	4.93	5.48	4.08	3.12	2.79	2.65	2.51	2.33	
24	2.47	2.44	3.15	5.03	4.99	5.43	4.01	3.07	2.79	2.64	2.51	2.32	
25	2.49	2.44	3.19	4.95	5.05	5.39	3.97	3.06	2.78	2.64	2.50	2.32	
26	2.49	2.47	3.21	4.85	5.25	5.30	3.89	3.06	2.77	2.63	2.50	2.32	
27	2.49	2.47	3.25	4.74	5.29	5.19	3.84	3.05	2.76	2.63	2.49	2.31	
28	2.49	2.49	3.30	4.62	5.47	5.13	3.77	3.05	2.75	2.62	2.49	2.31	
29	2.49	2.50	3.37	4.50	5.39	5.11	3.72	3.05	2.75	2.62	2.49	2.30	
30	2.49	2.52	3.41	4.45		5.10	3.69	3.04	2.75	2.61	2.49	2.30	
31	2.47		3.46	4.41		5.11		3.02		2.60	2.49		
MEAN	2.44	2.40	2.99	4.79	4.72	5.55	4.67	3.29	2.84	2.68	2.54	2.39	2.44
M	2.50	2.52	3.46	5.11	5.47	6.04	5.42	3.63	3.00	2.75	2.59	2.49	6.04
MIN.	2.39	2.32	2.53	3.60	4.31	5.10	3.69	3.02	2.75	2.60	2.49	2.30	2.30

QM ST.: 4-200 MACHIYA FERRY YEAR : 1993/94 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.4	23.3	28.3	70.2	125.3	222.2	197.9	75.3	43.3	33.2	27.4	23.6	
2	24.3	22.0	25.7	95.0	123.9	226.7	199.4	74.0	42.2	33.1	27.4	23.5	
3	24.2	21.7	26.0	112.5	122.0	235.3	203.4	72.9	40.8	33.0	27.2	23.3	
4	23.9	21.2	27.0	131.4	121.9	248.0	206.8	72.9	40.4	32.6	27.1	23.1	
5	23.6	21.2	27.6	149.4	121.5	259.7	210.0	72.4	39.9	32.4	27.0	22.9	
6	22.2	20.8	28.2	156.1	121.0	261.7	212.7	71.9	39.5	32.2	27.0	22.7	
7	21.9	20.7	28.9	161.2	120.1	263.3	213.3	70.8	39.2	31.9	26.9	22.5	
8	21.6	20.3	29.4	165.8	119.2	275.3	209.5	70.0	39.2	31.7	26.9	22.4	
9	21.3	20.1	30.1	167.7	120.6	277.0	204.2	69.0	38.9	31.5	26.9	22.3	
10	21.0	19.8	30.8	171.3	127.9	277.3	199.1	68.3	38.8	31.1	26.8	22.1	
11	20.9	19.5	31.5	173.3	132.6	276.3	191.3	67.8	38.4	31.0	26.7	21.8	
12	20.9	19.4	31.9	182.1	140.1	272.9	183.4	65.8	37.4	30.9	26.6	21.6	
13	20.9	19.1	31.4	184.8	143.8	269.2	174.5	63.8	37.0	30.6	26.5	21.4	
14	20.9	19.0	30.7	181.5	148.6	265.3	165.8	54.7	36.4	30.6	26.2	21.0	
15	20.8	18.7	30.8	178.3	152.6	261.1	159.9	53.7	35.7	30.6	26.0	20.8	
16	20.7	19.2	31.5	177.2	153.8	255.6	145.9	53.1	35.6	30.6	25.7	20.4	
17	20.7	19.6	36.4	176.7	155.1	251.4	139.2	52.2	35.5	30.6	25.5	20.3	
18	20.5	20.3	37.8	175.8	158.1	247.2	129.8	51.1	35.2	30.5	25.4	20.2	
19	20.7	20.9	39.4	172.7	160.4	244.4	124.8	50.1	35.1	30.1	25.3	19.9	
20	21.2	21.1	40.3	172.4	162.5	239.1	119.9	49.6	35.0	30.0	25.1	19.7	
21	21.3	21.3	41.1	175.3	164.0	230.4	114.2	48.3	34.9	29.9	25.0	19.4	
22	23.4	21.6	42.0	177.2	165.6	220.7	109.3	49.1	34.7	29.7	24.9	19.1	
23	23.6	22.0	45.7	178.8	167.9	210.8	103.3	48.5	34.6	29.4	24.7	18.9	
24	23.5	22.2	50.1	177.2	173.7	214.2	98.9	46.5	34.5	29.2	24.6	18.8	
25	23.8	22.5	51.9	176.3	178.8	210.0	95.6	45.9	34.3	29.9	24.4	18.8	
26	23.9	23.4	53.1	161.2	196.5	201.6	90.8	45.9	33.9	29.8	24.3	18.7	
27	23.9	23.5	54.9	152.6	210.6	188.4	87.5	45.7	33.6	29.6	24.1	18.6	
28	23.9	23.8	57.4	142.5	218.3	186.2	83.6	45.6	33.4	29.4	22.9	18.5	
29	23.7	24.2	61.2	133.3	204.2	184.3	80.7	45.4	33.3	29.2	23.7	18.3	
30	23.7	25.0	63.2	128.4		183.4	77.8	45.2	33.2	27.9	23.6	18.3	
31	23.4		65.5	126.4		184.3		44.2		27.6	23.6		
MEAN	22.4	21.2	39.8	157.8	152.1	236.9	151.1	57.8	36.9	30.5	25.7	20.7	79.3
M	24.4	25.0	65.5	184.8	218.3	277.3	213.3	75.3	43.3	33.2	27.4	23.6	277.3
MIN.	20.5	18.7	25.3	70.2	119.2	183.4	77.8	44.2	33.2	27.6	23.6	18.3	18.3

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2
[! Regime (m3/s)]:
Q(1%day): 129.4 Q(10%day): 35.3 Q(275day): 24.2 Q(355day): 19.1

<<< MASTER PROGRAM for 08-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1984/85 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.30	2.21	2.53	6.15	6.57	7.90	7.20	5.86	4.21	3.55	3.17	2.87	
2	2.29	2.21	2.52	6.07	6.60	7.87	7.16	5.75	4.16	3.54	3.16	2.87	
3	2.28	2.20	2.51	6.03	6.69	7.82	7.11	5.71	4.12	3.54	3.16	2.87	
4	2.30	2.20	2.50	5.96	6.72	7.74	7.07	5.68	4.09	3.53	3.16	2.87	
5	2.31	2.20	2.49	5.89	6.79	7.49	7.04	5.65	4.07	3.53	3.16	2.87	
6	2.32	2.20	2.58	5.88	6.94	7.42	7.02	5.58	4.05	3.52	3.15	2.87	
7	2.32	2.20	2.65	5.87	6.75	7.36	7.00	5.58	4.02	3.51	3.15	2.87	
8	2.33	2.21	2.70	5.86	7.07	7.34	6.96	5.54	4.00	3.51	3.14	2.85	
9	2.33	2.25	2.78	5.83	7.09	7.04	6.93	5.46	3.98	3.49	3.12	2.85	
10	2.33	2.30	2.93	5.82	7.28	7.30	6.89	5.39	3.95	3.48	3.12	2.84	
11	2.33	2.34	3.16	5.85	7.33	7.23	6.86	5.75	3.93	3.46	3.11	2.83	
12	2.33	2.40	3.36	5.89	7.46	7.18	6.84	5.02	3.90	3.45	3.10	2.82	
13	2.33	2.46	3.59	5.93	7.54	7.19	6.83	4.82	3.87	3.44	3.09	2.81	
14	2.33	2.54	3.68	6.01	7.60	7.21	6.82	4.78	3.85	3.43	3.08	2.80	
15	2.31	2.55	3.85	6.20	7.71	7.21	6.80	4.77	3.83	3.37	3.08	2.80	
16	2.30	2.60	4.00	6.39	7.76	7.21	6.77	4.76	3.82	3.35	3.07	2.78	
17	2.28	2.68	4.20	6.40	7.81	7.17	6.74	4.75	3.80	3.34	3.06	2.77	
18	2.28	2.87	4.42	6.43	7.89	7.11	6.69	4.73	3.79	3.33	3.05	2.76	
19	2.27	2.82	4.80	6.46	8.05	7.11	6.65	4.76	3.77	3.33	3.04	2.75	
20	2.27	2.76	5.07	6.08	8.18	7.12	6.63	4.76	3.72	3.33	3.02	2.74	
21	2.27	2.71	5.28	6.51	8.19	7.12	6.57	4.75	3.70	3.32	3.01	2.72	
22	2.27	2.71	5.49	6.52	8.20	7.14	6.49	4.71	3.67	3.31	3.01	2.72	
23	2.26	2.70	5.67	6.54	8.18	7.13	6.45	4.68	3.96	3.31	3.01	2.70	
24	2.25	2.68	5.77	6.56	8.15	7.34	6.31	4.64	3.95	3.30	2.99	2.69	
25	2.25	2.66	5.79	6.58	8.10	7.21	6.24	4.61	3.63	3.29	2.99	2.67	
26	2.21	2.64	5.80	6.63	8.04	7.29	6.20	4.53	3.61	3.28	2.98	2.66	
27	2.24	2.61	5.88	6.68	7.95	7.27	6.14	4.44	3.59	3.27	2.97	2.65	
28	2.23	2.58	5.94	6.65	7.91	7.23	6.09	4.38	3.58	3.26	2.96	2.64	
29	2.23	2.55	5.98	6.65		7.22	6.04	4.32	3.56	3.25	2.95	2.62	
30	2.22	2.54	6.05	6.64		7.21	5.93	4.28	3.56	3.24	2.95	2.61	
31	2.21		6.15	6.63		7.21		4.23		3.24	2.95		
MEAN	2.28	2.49	4.20	6.24	7.52	7.30	6.68	4.99	3.86	3.39	3.06	2.77	4.55
MAX.	2.33	2.87	6.15	6.68	8.20	7.90	7.20	5.86	4.21	3.55	3.17	2.87	8.20
MIN.	2.21	2.20	2.49	5.82	6.57	7.04	5.93	4.23	3.56	3.24	2.95	2.61	2.20

QM ST.: 4-280 MACHIYA FERRY YEAR : 1984/85 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	18.1	15.7	25.2	289.5	338.9	520.2	419.3	257.5	112.1	70.7	50.9	38.0	
2	18.0	15.7	24.9	280.0	342.2	516.1	414.0	246.9	108.9	70.3	50.8	38.0	
3	17.7	15.6	24.6	275.6	353.9	508.3	408.2	242.2	106.2	70.0	50.5	38.0	
4	18.1	15.6	24.3	268.0	356.9	497.0	403.0	238.7	104.1	69.7	50.5	37.9	
5	18.5	15.5	24.0	261.4	366.5	459.5	398.5	235.6	102.7	69.3	50.5	37.8	
6	18.7	15.4	26.9	259.8	384.9	450.9	396.1	228.6	101.4	69.0	50.2	37.8	
7	18.8	15.4	29.3	258.5	360.4	441.9	393.7	228.6	99.2	68.7	49.9	37.7	
8	19.0	15.7	31.4	257.2	402.6	439.4	387.7	224.3	98.0	68.3	49.6	37.2	
9	19.1	16.9	34.1	254.3	404.6	398.1	393.7	216.8	96.6	67.5	48.9	36.9	
10	19.0	18.1	40.4	253.0	431.0	433.1	378.2	210.0	94.7	66.7	48.5	36.5	
11	19.0	19.5	50.5	256.9	437.7	423.9	375.5	245.7	93.5	65.8	48.4	36.2	
12	19.0	21.0	60.5	261.1	455.2	417.7	372.4	175.9	91.7	65.2	47.7	35.8	
13	19.0	23.0	73.1	265.7	467.3	418.1	371.6	158.9	89.4	64.7	47.2	35.5	
14	18.9	25.6	78.0	274.0	476.5	420.6	370.4	155.9	88.1	63.9	47.0	35.2	
15	18.5	26.1	88.1	295.1	492.1	421.8	367.3	155.1	87.1	61.0	47.0	34.9	
16	18.1	27.6	97.8	316.9	498.8	421.8	363.8	154.1	86.4	59.8	46.4	34.3	
17	17.7	30.6	111.4	318.7	506.5	416.0	359.2	153.1	85.5	59.3	46.0	33.8	
18	17.6	37.7	127.1	321.6	518.9	407.8	353.1	151.6	84.9	59.1	45.7	33.3	
19	17.5	35.8	157.6	325.6	542.6	408.2	348.6	153.8	83.6	58.8	44.9	33.0	
20	17.5	33.6	180.7	281.7	563.0	408.7	346.0	154.3	80.3	58.7	44.2	32.6	
21	17.4	31.7	199.6	331.5	564.9	409.1	338.9	153.1	79.1	58.2	43.8	32.2	
22	17.4	31.5	219.8	332.6	566.3	411.1	329.3	150.1	77.4	58.1	43.7	31.9	
23	17.2	31.1	237.5	334.8	563.5	409.9	324.2	147.7	95.2	57.8	43.6	31.4	
24	16.9	30.4	247.9	337.0	558.7	438.6	307.7	144.0	94.8	57.4	42.9	30.7	
25	16.7	29.9	249.8	340.0	551.1	421.0	299.9	142.3	75.2	57.0	42.9	30.1	
26	15.7	29.2	251.7	346.0	541.6	432.7	295.1	135.4	73.8	56.5	42.5	29.8	
27	16.5	27.9	259.8	352.8	527.6	429.7	288.8	128.7	72.7	55.9	41.8	29.5	
28	16.4	26.9	266.7	349.0	521.6	423.5	282.4	124.1	72.0	55.3	41.5	28.9	
29	16.2	25.8	271.0	348.2		422.2	276.6	120.1	71.4	54.9	41.2	28.5	
30	16.1	25.5	278.0	346.7		421.4	265.7	116.8	71.0	54.6	41.1	28.1	
31	15.8		289.5	346.3		420.6		113.8		54.3	41.1		
MEAN	17.7	24.3	131.6	301.3	467.7	434.5	354.0	176.3	89.2	62.1	46.2	34.0	176.4
MAX.	19.1	37.7	289.5	352.8	566.3	520.2	419.3	257.5	112.1	70.7	50.9	38.0	566.3
MIN.	15.7	15.4	24.0	253.0	338.9	398.1	265.7	113.8	71.0	54.3	41.1	28.1	15.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2
[Flow Regime (m3/s)]:
Q(95day): 321.6 Q(185day): 87.1 Q(275day): 36.9 Q(355day): 16.1

<<< MASTER PROGRAM for 08-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1985/86 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.60	2.44	2.64	4.48	5.64	7.71	7.87	7.45	5.09	4.04	3.63	3.26	
2	2.59	2.44	2.68	4.55	5.79	7.69	7.91	7.44	5.06	4.03	3.63	3.25	
3	2.58	2.46	2.71	4.63	5.99	7.67	7.98	7.39	5.03	4.02	3.61	3.24	
4	2.58	2.46	2.74	4.71	6.09	7.60	8.06	7.28	4.98	4.00	3.60	3.22	
5	2.57	2.51	2.74	4.78	6.19	7.57	8.10	7.22	4.95	3.98	3.59	3.21	
6	2.54	2.52	2.80	4.84	6.22	7.55	8.14	7.17	4.91	3.97	3.59	3.19	
7	2.54	2.53	2.83	4.93	6.32	7.51	8.09	7.12	4.87	3.95	3.58	3.18	
8	2.53	2.54	2.86	5.00	6.53	7.47	8.02	7.05	4.84	3.94	3.57	3.17	
9	2.53	2.56	2.89	5.03	6.65	7.46	7.95	6.99	4.81	3.92	3.56	3.16	
10	2.53	2.58	2.92	5.06	6.83	7.51	7.88	6.92	4.77	3.91	3.55	3.15	
11	2.52	2.59	2.97	5.10	6.93	7.56	7.82	6.79	4.73	3.90	3.54	3.15	
12	2.51	2.60	3.02	5.16	7.10	7.57	7.67	6.65	4.70	3.89	3.52	3.13	
13	2.51	2.61	3.06	5.20	7.03	7.58	7.59	6.45	4.66	3.87	3.52	3.13	
14	2.50	2.62	3.14	5.28	7.48	7.57	7.53	6.41	4.61	3.86	3.50	3.12	
15	2.50	2.63	3.23	5.34	7.62	7.58	7.49	6.38	4.56	3.85	3.48	3.11	
16	2.50	2.65	3.29	5.44	7.65	7.64	7.42	6.35	4.53	3.84	3.46	3.04	
17	2.49	2.65	3.32	5.46	7.65	7.67	7.37	6.27	4.50	3.83	3.46	3.03	
18	2.49	2.67	3.45	5.43	7.66	7.71	7.35	6.16	4.48	3.82	3.45	3.01	
19	2.49	2.68	3.66	5.39	7.67	7.73	7.33	6.04	4.45	3.80	3.44	3.00	
20	2.50	2.70	3.83	5.35	7.68	7.73	7.32	5.93	4.41	3.79	3.42	2.99	
21	2.50	2.85	3.91	5.38	7.68	7.73	7.49	5.81	4.36	3.78	3.42	2.98	
22	2.50	2.89	4.07	5.41	7.67	7.73	7.66	5.62	4.33	3.76	3.40	2.97	
23	2.51	2.86	4.24	5.44	7.68	7.73	7.73	5.57	4.26	3.73	3.39	2.96	
24	2.51	2.84	4.26	5.47	7.73	7.73	7.67	5.52	4.23	3.72	3.35	2.95	
25	2.50	2.80	4.33	5.46	7.77	7.74	7.60	5.46	4.19	3.71	3.34	2.94	
26	2.48	2.75	4.48	5.41	7.78	7.72	7.57	5.36	4.16	3.70	3.33	2.93	
27	2.46	2.68	4.60	5.41	7.74	7.72	7.52	5.29	4.14	3.68	3.31	2.92	
28	2.45	2.65	4.71	5.46	7.72	7.73	7.37	5.26	4.10	3.67	3.30	2.90	
29	2.45	2.62	4.68	5.47		7.77	7.35	5.21	4.07	3.66	3.29	2.90	
30	2.45	2.59	4.63	5.50		7.81	7.35	5.14	4.05	3.65	3.27	2.88	
31	2.45		4.47	5.54		7.84		5.11		3.64	3.26		
MEAN	2.51	2.63	3.52	5.20	7.09	7.66	7.67	6.28	4.56	3.84	3.46	3.07	4.76
MAX.	2.60	2.89	4.71	5.54	7.78	7.84	8.14	7.45	5.09	4.04	3.63	3.26	8.14
MIN.	2.45	2.44	2.64	4.48	5.64	7.46	7.32	5.11	4.05	3.64	3.26	2.88	2.44

QM ST.: 4-280 MACHIYA FERRY YEAR : 1985/86 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	27.6	22.5	29.0	132.1	235.0	492.1	516.1	454.8	182.3	100.6	75.3	55.5	
2	27.2	22.5	30.5	137.3	250.4	489.4	521.6	452.6	179.9	99.8	75.0	55.0	
3	26.9	22.9	31.6	143.3	272.0	485.4	531.8	446.6	176.7	99.0	74.3	54.3	
4	26.8	23.1	32.6	150.1	282.7	475.7	544.5	431.4	172.4	98.0	73.2	53.5	
5	26.6	24.7	32.9	155.9	293.7	472.1	551.5	423.1	170.0	96.8	73.1	52.9	
6	25.7	25.0	35.0	160.7	297.5	468.2	557.3	416.0	166.6	95.6	72.7	52.2	
7	25.7	25.3	36.4	168.2	308.7	463.0	549.7	409.1	163.9	94.7	72.6	51.6	
8	25.4	25.7	37.5	174.3	333.3	457.8	538.4	399.3	160.7	93.9	71.9	51.1	
9	25.3	26.3	38.6	177.2	349.0	456.1	527.2	391.3	158.1	92.9	71.2	50.6	
10	25.2	26.9	40.0	179.4	370.8	462.5	517.0	383.0	155.1	92.1	70.7	50.2	
11	25.0	27.2	41.8	183.2	384.5	470.0	507.9	366.2	151.9	91.3	70.0	49.9	
12	24.8	27.5	44.1	188.4	406.2	472.1	485.8	348.2	149.4	90.6	69.2	49.3	
13	24.5	28.1	46.0	192.3	397.7	472.6	474.3	324.5	145.7	89.8	68.8	49.2	
14	24.3	28.4	49.6	199.9	459.1	472.1	466.5	319.5	142.3	89.2	67.8	48.8	
15	24.2	28.8	54.0	205.7	478.3	473.5	459.9	315.9	137.8	88.5	67.0	48.2	
16	24.3	29.3	57.0	214.7	482.7	481.0	450.5	312.3	135.6	87.7	65.7	45.0	
17	24.1	29.6	58.5	216.5	483.6	485.8	442.8	302.7	133.8	87.0	65.5	44.5	
18	24.1	30.0	65.0	214.2	485.0	492.1	440.7	290.6	131.9	86.2	65.0	43.8	
19	24.1	30.4	77.1	210.0	486.3	494.8	438.1	277.3	129.6	85.5	64.5	43.3	
20	24.2	31.3	87.1	206.3	487.2	494.8	436.0	264.7	126.6	84.7	63.7	42.9	
21	24.3	36.9	93.1	209.5	488.1	495.2	460.4	252.3	123.0	83.8	63.4	42.6	
22	24.4	38.6	102.7	212.1	486.7	494.8	484.1	233.2	120.3	82.5	62.8	42.1	
23	24.5	37.4	114.0	215.3	487.2	494.8	494.3	227.7	115.3	81.0	62.0	41.6	
24	24.6	36.5	117.1	218.3	495.2	494.3	485.8	222.8	113.4	80.3	60.1	41.2	
25	24.3	34.9	120.6	216.8	500.2	496.1	476.5	216.8	111.0	79.8	59.6	40.7	
26	23.1	33.1	131.9	211.8	502.0	493.4	470.8	207.7	108.7	79.1	58.7	40.3	
27	22.9	30.5	141.3	212.4	496.6	493.0	463.9	200.5	107.0	78.2	57.9	39.8	
28	22.7	29.3	149.6	216.5	493.4	495.2	443.6	197.6	104.7	77.6	57.3	39.3	
29	22.7	28.2	147.7	218.0		500.2	441.1	193.1	102.7	76.9	56.7	38.9	
30	22.6	27.3	143.3	221.3		506.5	439.8	187.0	101.2	76.2	56.1	38.4	
31	22.6		131.2	225.2		511.1		184.0		75.5	55.6		
MEAN	24.6	28.9	74.7	193.1	410.5	484.1	487.3	311.3	139.2	87.6	66.0	46.6	194.6
MAX.	27.6	38.6	149.6	225.2	502.0	511.1	557.3	454.8	182.3	100.6	75.3	55.5	557.3
MIN.	22.6	22.5	29.0	132.1	235.0	456.1	436.0	184.0	101.2	75.5	55.6	38.4	22.5

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 324.5 Q(185day): 111.0 Q(275day): 48.8 Q(355day): 24.1

<<< MASTER PROGRAM for 08-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1986/87 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.88	3.23	3.65	3.49	5.61	6.51	5.89	4.21	3.53	3.21	2.90	2.70	
2	2.87	3.24	3.66	3.52	5.63	6.52	5.88	4.20	3.51	3.20	2.89	2.70	
3	2.86	3.25	3.68	3.56	5.65	6.54	5.87	4.18	3.50	3.19	2.88	2.70	
4	2.85	3.26	3.70	3.59	5.67	6.55	5.85	4.17	3.49	3.18	2.87	2.70	
5	2.83	3.26	3.71	3.61	5.69	6.56	5.84	4.16	3.48	3.17	2.86	2.69	
6	2.83	3.57	3.72	3.66	5.71	6.57	5.83	4.14	3.47	3.16	2.85	2.68	
7	2.82	3.58	3.74	3.70	5.72	6.57	5.79	4.13	3.46	3.15	2.84	2.68	
8	2.81	3.58	3.76	3.75	5.75	6.57	5.77	4.12	3.45	3.14	2.83	2.67	
9	2.81	3.59	3.77	3.82	5.77	6.55	5.76	4.08	3.44	3.13	2.83	2.66	
10	2.80	3.59	3.79	3.87	5.79	6.54	5.75	4.05	3.43	3.12	2.83	2.65	
11	2.79	3.59	3.80	3.91	5.82	6.52	5.73	4.04	3.42	3.11	2.83	2.65	
12	2.78	3.60	3.81	3.95	5.84	6.50	5.72	4.02	3.41	3.10	2.83	2.64	
13	2.78	3.62	3.83	3.99	5.86	6.49	5.71	4.01	3.40	3.09	2.82	2.63	
14	2.79	3.71	4.00	4.04	5.89	6.47	5.69	3.99	3.39	3.08	2.81	2.62	
15	2.80	3.70	4.06	4.08	5.90	6.46	5.68	3.98	3.38	3.07	2.81	2.61	
16	2.81	3.72	4.11	4.12	5.93	6.44	5.67	3.97	3.37	3.06	2.81	2.60	
17	2.82	3.65	4.11	4.16	5.95	6.43	5.65	3.95	3.36	3.05	2.81	2.60	
18	2.84	3.64	4.09	4.25	5.96	6.41	5.64	3.93	3.35	3.04	2.81	2.60	
19	2.86	3.63	4.03	4.36	5.98	6.39	5.63	3.93	3.34	3.03	2.81	2.60	
20	2.86	3.61	3.96	4.40	6.00	6.38	5.62	3.91	3.33	3.02	2.81	2.59	
21	2.87	3.58	3.92	4.46	6.03	6.36	5.53	3.90	3.32	3.01	2.81	2.58	
22	2.87	3.55	3.86	4.67	6.05	6.35	5.60	3.89	3.31	3.00	2.80	2.58	
23	2.87	3.53	3.83	4.74	6.07	6.33	5.59	3.87	3.29	2.99	2.77	2.57	
24	2.88	3.48	3.80	4.79	6.09	6.32	5.57	3.86	3.29	2.98	2.76	2.56	
25	2.88	3.44	3.77	4.85	6.10	6.30	5.56	3.85	3.28	2.97	2.76	2.55	
26	2.89	3.33	3.64	4.94	6.12	6.29	5.57	3.83	3.26	2.96	2.76	2.53	
27	2.90	3.28	3.55	5.01	6.14	6.28	5.56	3.83	3.26	2.95	2.75	2.52	
28	2.94	3.24	3.51	5.07	6.15	6.26	5.54	3.81	3.25	2.94	2.75	2.51	
29	3.01	3.22	3.49	5.13		6.25	5.53	3.80	3.23	2.93	2.74	2.51	
30	3.04	3.21	3.46	5.20		6.24	5.52	3.79	3.22	2.92	2.74	2.50	
31	3.20		3.46	5.33		6.23		3.77		2.91	2.73		
MEAN	2.87	3.48	3.78	4.26	5.89	6.42	5.69	3.98	3.37	3.06	2.81	2.61	4.01
MAX.	3.20	3.72	4.11	5.33	6.15	6.57	5.89	4.21	3.53	3.21	2.90	2.70	6.57
MIN.	2.78	3.21	3.46	3.49	5.61	6.23	5.52	3.77	3.22	2.91	2.73	2.50	2.50

QM ST.: 4-280 MACHIYA FERRY YEAR : 1986/87 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	38.1	54.0	76.2	67.3	231.6	331.1	261.4	111.9	69.3	53.2	39.0	31.4	
2	37.7	54.6	77.1	68.8	233.5	333.0	259.8	111.2	68.5	52.7	38.6	31.4	
3	37.3	55.0	77.8	71.0	235.6	335.2	258.8	110.2	67.8	52.2	38.3	31.3	
4	37.0	55.2	79.1	72.7	237.8	336.3	256.9	109.3	67.3	51.7	37.9	31.1	
5	36.4	55.3	79.8	74.3	240.0	337.8	255.9	108.5	66.7	51.2	37.4	30.9	
6	36.2	71.7	80.7	76.7	241.9	339.5	254.3	107.4	66.2	50.8	37.0	30.6	
7	35.9	72.2	81.6	79.2	243.4	338.9	249.8	106.8	65.7	50.3	36.5	30.4	
8	35.6	72.6	83.1	82.3	245.7	338.1	248.5	106.2	65.0	49.8	36.2	30.0	
9	35.3	72.7	83.4	85.6	248.2	336.3	246.9	103.3	64.5	49.3	36.1	29.7	
10	35.0	72.9	84.3	89.6	249.8	334.8	245.7	101.2	64.1	48.9	36.1	29.5	
11	34.7	73.1	85.1	92.1	253.0	332.6	244.1	100.2	63.6	48.4	36.1	29.3	
12	34.4	73.6	85.8	94.7	255.6	330.7	243.1	99.2	62.9	47.9	36.1	28.9	
13	34.3	74.5	87.0	97.4	257.8	328.9	241.6	98.4	62.4	47.4	35.8	28.6	
14	34.4	80.0	97.6	100.4	260.4	326.7	240.3	97.4	61.8	47.0	35.6	28.4	
15	35.0	79.2	102.1	103.3	262.4	324.9	239.1	96.8	61.3	46.5	35.6	28.1	
16	35.6	80.3	104.9	106.2	265.0	322.7	237.5	95.6	60.9	46.1	35.5	27.8	
17	35.9	76.2	105.6	108.9	267.0	321.3	236.3	94.5	60.2	45.6	35.5	27.6	
18	36.7	75.9	103.9	115.1	268.6	319.1	235.0	93.7	59.8	45.2	35.5	27.6	
19	37.3	75.2	99.8	122.8	271.0	317.7	234.1	93.1	59.3	44.7	35.5	27.6	
20	37.5	74.3	95.4	126.2	273.3	315.5	233.2	92.3	58.7	44.2	35.3	27.4	
21	37.7	72.4	92.9	130.5	275.6	314.1	223.7	91.3	58.2	43.8	35.3	27.1	
22	37.8	70.5	89.2	146.7	278.3	311.9	231.0	90.6	57.8	43.4	35.2	26.8	
23	37.9	69.3	87.3	152.1	280.7	310.5	229.8	89.6	57.1	42.9	33.8	26.5	
24	38.1	67.0	85.5	156.9	282.4	308.7	228.3	89.0	56.7	42.5	33.7	26.2	
25	38.3	64.9	83.6	161.4	284.1	307.0	227.0	88.1	56.2	42.0	33.7	26.0	
26	38.5	58.8	75.5	169.0	285.8	305.6	228.3	87.3	55.6	41.6	33.4	25.4	
27	39.3	56.5	70.7	175.3	287.8	303.8	226.7	86.8	55.2	41.2	33.1	25.1	
28	40.8	54.4	68.3	181.0	289.5	302.4	225.2	85.8	54.7	40.7	33.0	24.9	
29	44.0	53.5	67.2	186.2		300.6	224.0	85.3	54.1	40.3	32.7	24.6	
30	45.0	52.8	65.7	192.6		299.9	222.8	84.3	53.7	39.9	32.6	24.4	
31	52.7		65.7	204.2		298.5		83.6		39.4	32.5		
MEAN	37.8	67.3	84.6	119.1	260.9	321.4	239.6	96.7	61.2	46.2	35.4	28.1	115.5
MAX.	52.7	80.3	105.6	204.2	289.5	338.9	261.4	111.9	69.3	53.2	39.0	31.4	338.9
MIN.	34.3	52.8	65.7	67.3	231.6	298.5	222.8	83.6	53.7	39.4	32.5	24.4	24.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 169.0 Q(185day): 72.7 Q(275day): 40.3 Q(355day): 27.4

<<< MASTER PROGRAM for 08-05(Leap Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1987/88 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.51	2.36	2.35	3.93	5.44	6.48	7.04	4.21	3.43	3.12	2.87	2.71	
2	2.51	2.36	2.36	3.95	5.45	6.49	7.02	4.20	3.42	3.10	2.87	2.70	
3	2.51	2.35	2.37	3.96	5.46	6.50	7.38	4.18	3.41	3.09	2.87	2.70	
4	2.53	2.35	2.38	3.97	5.47	6.50	7.05	4.17	3.40	3.08	2.87	2.70	
5	2.53	2.34	2.39	3.98	5.48	6.51	7.12	4.16	3.39	3.07	2.86	2.69	
6	2.53	2.33	2.40	3.99	5.54	6.52	6.87	4.14	3.38	3.06	2.85	2.69	
7	2.55	2.33	2.41	4.00	5.56	6.53	6.78	4.13	3.37	3.05	2.84	2.69	
8	2.55	2.32	2.42	4.01	5.57	6.46	6.78	4.12	3.36	3.04	2.84	2.69	
9	2.56	2.31	2.43	4.02	5.62	6.45	6.77	4.07	3.35	3.03	2.83	2.69	
10	2.57	2.31	2.44	4.03	5.63	6.50	6.77	4.05	3.34	3.02	2.82	2.68	
11	2.56	2.31	2.45	4.04	5.65	6.41	6.68	4.04	3.33	3.01	2.81	2.67	
12	2.55	2.31	2.46	4.05	5.66	6.39	6.66	4.01	3.32	3.00	2.81	2.66	
13	2.55	2.31	2.47	4.06	5.67	6.37	6.65	3.99	3.31	2.99	2.81	2.65	
14	2.53	2.30	2.48	4.07	5.68	6.34	6.64	3.98	3.29	2.98	2.81	2.65	
15	2.52	2.29	2.49	4.08	5.69	6.30	6.63	3.97	3.29	2.97	2.80	2.64	
16	2.51	2.29	2.51	4.09	5.72	6.30	6.62	3.95	3.28	2.96	2.79	2.63	
17	2.51	2.28	2.51	4.10	5.75	6.14	6.60	3.93	3.26	2.96	2.78	2.62	
18	2.49	2.28	2.52	4.11	5.79	6.44	6.59	3.93	3.26	2.95	2.78	2.61	
19	2.48	2.27	2.54	4.13	5.87	6.48	6.56	3.91	3.25	2.94	2.77	2.60	
20	2.46	2.26	2.55	4.14	5.88	6.53	6.55	3.90	3.23	2.93	2.77	2.58	
21	2.45	2.26	2.55	4.19	5.90	6.56	6.54	3.89	3.22	2.93	2.77	2.58	
22	2.44	2.26	2.57	4.20	5.91	6.58	6.52	3.87	3.22	2.93	2.76	2.57	
23	2.43	2.26	2.58	4.23	5.95	6.44	6.50	3.86	3.21	2.92	2.75	2.56	
24	2.42	2.25	2.58	4.25	5.97	6.86	6.39	3.85	3.19	2.91	2.74	2.55	
25	2.41	2.25	2.59	4.26	6.00	6.88	6.39	3.83	3.19	2.90	2.74	2.54	
26	2.40	2.24	2.60	4.38	6.06	6.90	6.38	3.83	3.18	2.90	2.74	2.53	
27	2.40	2.23	2.61	4.40	6.17	6.93	6.36	3.81	3.16	2.89	2.73	2.51	
28	2.39	2.23	2.62	4.41	6.18	6.97	6.35	3.80	3.15	2.88	2.72	2.51	
29	2.38	2.24	2.62	4.47	6.23	7.00	6.32	3.79	3.15	2.87	2.72	2.50	
30	2.37	2.24	2.63	4.53		6.71	6.30	3.77	3.13	2.87	2.71	2.49	
31	2.36		2.64	4.54		6.83		3.76		2.87	2.71		
MEAN	2.46	2.29	2.50	4.15	5.76	6.56	6.66	3.97	3.28	2.98	2.79	2.62	3.83
MAX.	2.57	2.36	2.64	4.54	6.23	7.00	7.38	4.21	3.43	3.12	2.87	2.71	7.38
MIN.	2.36	2.23	2.35	3.93	5.44	6.14	6.30	3.76	3.13	2.87	2.71	2.49	2.23

QM ST.: 4-280 MACHIYA FERRY YEAR : 1987/88 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.5	19.9	19.7	93.7	215.0	327.5	398.1	111.9	64.1	48.5	37.8	31.5	
2	24.8	19.9	20.0	94.5	215.9	328.5	395.7	111.2	63.6	47.9	37.8	31.4	
3	24.8	19.7	20.3	95.0	217.1	330.0	444.5	110.2	62.9	47.5	37.8	31.4	
4	25.2	19.5	20.6	95.8	218.0	330.0	400.1	109.1	62.4	47.1	37.7	31.1	
5	25.2	19.4	20.9	96.4	218.9	331.1	409.5	108.5	61.8	46.5	37.4	30.9	
6	25.4	19.1	21.2	97.0	224.9	332.2	375.9	107.4	61.3	46.1	37.0	30.9	
7	25.8	18.9	21.6	97.8	227.0	333.3	364.6	106.8	60.9	45.6	36.8	30.9	
8	26.1	18.7	21.8	98.4	228.0	324.9	364.2	106.2	60.2	45.2	36.5	30.9	
9	26.4	18.6	22.1	99.0	233.2	323.8	363.8	102.7	59.8	44.8	35.2	30.8	
10	26.6	18.5	22.5	99.6	234.1	330.8	353.5	101.2	59.3	44.4	35.8	30.4	
11	26.4	18.5	22.8	100.4	236.3	319.5	352.0	100.2	58.7	43.8	35.6	30.0	
12	26.1	18.5	23.1	101.0	237.2	316.6	349.7	98.4	58.2	43.4	35.6	29.7	
13	25.8	18.4	23.5	101.7	238.1	314.8	348.6	97.4	57.8	43.0	35.5	29.5	
14	25.4	18.2	23.8	102.5	239.4	311.2	347.1	96.8	57.1	42.5	35.3	29.3	
15	25.1	18.0	24.1	103.1	240.3	306.6	346.0	95.6	56.7	42.1	35.0	28.9	
16	24.8	17.8	24.5	103.9	243.4	306.3	344.5	94.5	56.2	41.7	34.6	28.6	
17	24.5	17.6	24.8	104.5	245.7	287.8	342.2	93.7	55.6	41.5	34.3	28.2	
18	24.1	17.5	25.1	105.1	249.8	323.1	341.1	93.1	55.2	41.2	34.1	27.9	
19	23.8	17.4	25.5	106.6	258.5	327.5	337.4	92.3	54.7	40.8	34.0	27.5	
20	23.1	17.1	25.8	107.2	259.4	334.1	335.9	91.3	54.1	40.4	34.0	27.1	
21	23.8	17.0	26.1	110.8	261.7	337.4	334.8	90.6	53.7	40.2	33.8	26.8	
22	22.5	17.0	26.5	111.4	262.7	339.6	332.2	89.6	53.2	40.2	33.4	26.5	
23	22.1	17.0	26.8	113.6	268.3	322.7	330.0	89.0	52.8	39.9	33.1	26.2	
24	21.8	16.8	27.1	115.1	269.3	374.7	317.7	88.1	52.2	39.5	32.9	25.8	
25	21.6	16.7	27.2	115.7	272.6	377.4	316.6	87.3	51.8	39.2	32.9	25.5	
26	21.3	16.5	27.5	124.6	279.3	379.8	315.5	86.8	51.3	38.9	32.6	25.1	
27	21.0	16.4	27.9	126.2	291.9	384.1	313.0	85.8	50.8	38.6	32.3	24.8	
28	20.7	16.4	28.2	126.9	293.0	389.3	311.9	85.3	50.3	38.3	32.1	24.5	
29	20.4	16.5	28.5	131.4		392.5	308.4	84.3	49.9	38.0	31.9	24.2	
30	20.3	16.5	28.7	135.4		356.5	307.0	83.6	49.3	37.9	31.7	23.9	
31	20.0		28.9	136.1		371.2		83.1		37.8	31.7		
MEAN	23.8	17.9	24.4	108.1	245.7	337.6	350.4	96.2	56.5	42.3	34.7	28.3	112.8
MAX.	26.6	19.9	28.9	136.1	293.0	392.5	444.5	111.9	64.1	48.5	37.8	31.5	444.5
MIN.	20.0	16.4	19.7	93.7	215.0	287.8	307.0	83.1	49.3	37.8	31.7	23.9	16.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 124.6 Q(185day): 47.1 Q(275day): 26.5 Q(355day): 17.1

<<< MASTER PROGRAM for DB-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1988/89 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.48	2.33	2.74	5.17	6.35	6.63	6.39	4.16	3.90	3.51	3.18	2.82	
2	2.48	2.33	2.75	5.18	6.36	6.64	6.39	4.14	3.89	3.50	3.17	2.80	
3	2.47	2.33	2.76	5.32	6.36	6.67	6.41	4.13	3.88	3.49	3.16	2.78	
4	2.47	2.34	2.77	5.33	6.39	6.67	6.42	4.12	3.86	3.48	3.15	2.77	
5	2.46	2.35	2.78	5.35	6.39	6.67	6.43	4.11	3.86	3.47	3.15	2.77	
6	2.46	2.36	2.79	5.36	6.50	6.67	6.43	4.10	3.85	3.46	3.13	2.76	
7	2.45	2.37	2.80	5.37	6.51	6.67	6.43	4.09	3.84	3.45	3.12	2.74	
8	2.45	2.38	2.82	5.38	6.54	6.66	6.42	4.08	3.83	3.44	3.12	2.73	
9	2.44	2.39	2.83	5.39	6.55	6.65	6.41	4.07	3.82	3.43	3.10	2.72	
10	2.44	2.40	2.84	5.40	6.56	6.64	6.39	4.06	3.81	3.42	3.09	2.72	
11	2.43	2.41	2.85	5.41	6.59	6.64	6.39	4.05	3.80	3.41	3.08	2.70	
12	2.43	2.42	2.86	5.42	6.60	6.63	6.38	4.04	3.79	3.40	3.04	2.69	
13	2.42	2.43	2.87	5.43	6.62	6.62	6.36	4.03	3.79	3.39	3.03	2.68	
14	2.42	2.44	2.88	5.44	6.63	6.61	6.35	4.05	3.77	3.38	3.02	2.68	
15	2.41	2.44	2.89	5.45	6.64	6.60	6.33	4.01	3.76	3.37	3.01	2.67	
16	2.41	2.45	2.91	5.46	6.65	6.59	6.32	4.00	3.76	3.36	3.00	2.65	
17	2.40	2.46	2.92	5.47	6.66	6.58	6.32	4.00	3.74	3.35	3.00	2.65	
18	2.40	2.47	2.93	6.09	6.68	6.57	6.29	4.00	3.73	3.34	2.99	2.63	
19	2.39	2.47	2.94	5.52	6.77	6.55	6.28	4.00	3.72	3.33	2.98	2.62	
20	2.39	2.48	2.95	5.53	6.78	6.54	6.26	3.99	3.71	3.32	2.97	2.62	
21	2.38	2.49	2.96	5.54	6.86	6.51	6.25	3.96	3.70	3.31	2.96	2.62	
22	2.38	2.51	2.97	5.56	6.87	6.50	6.20	3.95	3.69	3.29	2.95	2.62	
23	2.37	2.51	2.98	5.57	6.88	6.39	6.19	3.94	3.65	3.28	2.94	2.61	
24	2.37	2.51	2.99	5.62	6.89	6.39	6.18	3.93	3.64	3.27	2.93	2.59	
25	2.36	2.52	3.00	5.63	6.94	6.38	6.17	3.93	3.63	3.26	2.93	2.58	
26	2.36	2.53	3.01	5.65	6.87	6.36	6.16	3.93	3.62	3.25	2.92	2.57	
27	2.35	2.53	3.02	5.66	7.10	6.35	6.14	3.92	3.61	3.23	2.91	2.57	
28	2.35	2.54	3.03	5.67	7.12	6.33	6.13	3.91	3.60	3.22	2.90	2.56	
29	2.34	2.55	3.04	5.68		6.32	6.09	3.91	3.59	3.20	2.89	2.56	
30	2.34	2.55	3.05	5.69		6.30	6.08	3.91	3.58	3.19	2.88	2.56	
31	2.33		3.06	5.72		6.29		3.90		3.19	2.87		
MEAN	2.41	2.44	2.90	5.50	6.67	6.54	6.30	4.01	3.75	3.35	3.02	2.67	4.11
MAX.	2.48	2.55	3.06	6.09	7.12	6.67	6.43	4.16	3.90	3.51	3.18	2.82	7.12
MIN.	2.33	2.33	2.74	5.17	6.35	6.29	6.08	3.90	3.58	3.19	2.87	2.56	2.33

QM ST.: 4-280 MACHIYA FERRY YEAR : 1988/89 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	23.7	18.9	32.6	189.2	311.9	346.0	316.6	108.7	91.2	68.5	51.3	35.9	
2	23.5	18.9	33.1	190.1	313.0	347.1	317.7	107.4	90.6	67.8	51.1	35.0	
3	23.4	19.1	33.4	203.4	314.1	350.9	319.1	106.8	90.0	67.3	50.8	34.3	
4	23.2	19.4	33.8	204.2	316.6	351.2	320.2	106.0	89.2	66.8	50.3	34.0	
5	23.0	19.7	34.3	206.3	317.7	351.2	321.3	105.1	88.7	66.2	49.9	34.0	
6	22.9	20.0	34.6	207.1	330.0	351.2	321.6	104.5	88.1	65.7	49.3	33.6	
7	22.7	20.3	35.0	208.0	331.1	350.9	321.3	103.9	87.5	65.0	48.9	32.9	
8	22.6	20.6	35.7	209.2	334.8	349.7	320.2	103.3	87.0	64.5	48.5	32.4	
9	22.4	20.9	36.2	210.0	335.9	348.6	319.1	102.7	86.2	64.1	47.9	31.9	
10	22.3	21.2	36.7	211.2	337.4	347.9	317.7	101.9	85.8	63.6	47.5	31.8	
11	22.1	21.5	37.0	212.1	341.1	347.1	316.6	101.0	85.5	62.9	47.0	31.3	
12	21.9	21.8	37.4	213.0	342.2	346.0	315.5	100.4	84.9	62.4	45.2	30.7	
13	21.8	22.1	37.8	214.2	344.5	344.5	313.0	99.8	84.3	61.8	44.8	30.4	
14	21.6	22.3	38.1	215.0	346.0	343.3	311.9	101.0	83.6	61.3	44.2	30.4	
15	21.5	22.5	38.6	215.9	347.1	342.2	310.5	98.4	83.1	60.9	43.8	30.1	
16	21.3	22.8	39.4	217.1	348.6	341.1	309.4	97.8	82.5	60.2	43.4	29.6	
17	21.2	23.1	39.9	218.0	349.7	339.6	308.4	97.6	81.8	59.8	43.2	29.3	
18	21.0	23.4	40.3	282.7	352.0	338.5	305.9	97.6	81.2	59.3	42.9	28.8	
19	20.9	23.5	40.7	223.1	363.8	335.9	304.8	97.6	80.7	58.7	42.5	28.4	
20	20.7	23.8	41.2	224.0	365.0	334.8	302.4	97.4	80.0	58.2	42.1	28.4	
21	20.6	24.1	41.6	224.9	374.7	331.1	301.3	95.0	79.4	57.8	41.7	28.4	
22	20.4	24.5	42.1	226.7	376.7	330.0	295.4	94.5	78.9	57.1	41.2	28.2	
23	20.3	24.6	42.5	228.0	377.8	317.7	294.4	93.9	76.4	56.2	40.8	28.0	
24	20.1	24.7	42.9	233.2	379.4	316.6	293.0	93.5	75.9	55.8	40.4	27.4	
25	20.0	25.0	43.4	234.1	385.7	315.5	291.9	93.5	75.3	55.2	40.2	26.9	
26	19.8	25.3	43.8	236.3	376.7	313.0	290.9	93.1	74.6	54.7	39.9	26.7	
27	19.7	25.4	44.4	237.2	405.8	311.9	288.5	92.5	74.1	54.1	39.5	26.7	
28	19.5	25.5	44.8	238.1	408.7	310.5	287.5	92.1	73.6	53.2	39.2	26.4	
29	19.4	25.8	45.2	239.4		309.4	282.7	92.1	73.1	52.7	38.6	26.3	
30	19.2	26.1	45.6	240.3		307.0	281.7	91.9	72.6	52.2	38.3	26.3	
31	19.1		46.1	243.4		305.9		91.5		51.8	37.9		
MEAN	21.3	22.5	39.3	221.1	351.0	334.7	306.7	98.8	82.2	60.2	44.3	30.1	132.6
MAX.	23.7	26.1	46.1	282.7	408.7	351.2	321.6	108.7	91.2	68.5	51.3	35.9	408.7
MIN.	19.1	18.9	32.6	189.2	311.9	305.9	281.7	91.5	72.6	51.8	37.9	26.3	18.9

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 237.2 Q(185day): 66.8 Q(275day): 34.0 Q(355day): 19.8

<<< MASTER PROGRAM for 08-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1989/90 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.56	2.39	2.65	3.86	4.97	5.36	4.29	3.85	3.32	2.83	2.64	2.50	
2	2.56	2.39	2.69	3.90	4.97	5.36	4.35	3.85	3.30	2.82	2.63	2.49	
3	2.56	2.38	2.71	3.93	4.96	5.34	4.42	3.85	3.28	2.81	2.62	2.49	
4	2.55	2.37	2.73	3.97	4.95	5.35	4.53	3.85	3.27	2.79	2.62	2.48	
5	2.55	2.37	2.75	4.00	4.95	5.35	4.56	3.89	3.25	2.79	2.61	2.48	
6	2.52	2.35	2.77	4.08	4.96	5.33	4.57	3.91	3.24	2.78	2.60	2.47	
7	2.51	2.35	2.80	4.11	4.97	5.27	4.58	3.95	3.22	2.76	2.59	2.47	
8	2.50	2.35	2.82	4.16	5.00	5.21	4.58	3.99	3.20	2.75	2.59	2.46	
9	2.49	2.35	2.86	4.19	5.04	5.09	4.56	4.04	3.19	2.75	2.59	2.46	
10	2.47	2.35	2.91	4.21	5.08	5.05	4.53	4.07	3.17	2.74	2.59	2.45	
11	2.47	2.35	2.95	4.26	5.14	4.96	4.51	4.06	3.16	2.73	2.58	2.45	
12	2.46	2.35	3.01	4.35	5.18	4.92	4.49	4.02	3.14	2.72	2.58	2.44	
13	2.46	2.34	3.04	4.41	5.21	4.80	4.46	3.97	3.13	2.71	2.58	2.44	
14	2.44	2.34	3.08	4.44	5.24	4.77	4.44	3.90	3.11	2.70	2.58	2.43	
15	2.44	2.34	3.11	4.44	5.30	4.63	4.36	3.84	3.09	2.69	2.57	2.43	
16	2.44	2.36	3.13	4.46	5.30	4.52	4.34	3.79	3.08	2.69	2.56	2.42	
17	2.43	2.38	3.17	4.48	5.30	4.46	4.30	3.73	3.05	2.68	2.55	2.42	
18	. .	2.40	3.21	4.51	5.29	4.41	4.27	3.69	3.01	2.67	2.55	2.41	
19	2.43	2.40	3.26	4.53	5.31	4.37	4.22	3.65	3.00	2.67	2.55	2.41	
20	2.43	2.41	3.27	4.56	5.34	4.33	4.14	3.61	2.99	2.66	2.55	2.40	
21	2.42	2.43	3.31	4.62	5.41	4.27	4.07	3.58	2.97	2.65	2.54	2.40	
22	2.41	2.46	3.33	4.65	5.46	4.23	4.02	3.55	2.96	2.65	2.54	2.39	
23	2.41	2.47	3.40	4.67	5.46	4.18	3.97	3.53	2.94	2.65	2.53	2.39	
24	2.41	2.50	3.43	4.69	5.46	4.14	3.93	3.51	2.93	2.64	2.53	2.38	
25	2.41	2.51	3.45	4.73	5.43	4.11	3.89	3.48	2.92	2.63	2.53	2.38	
26	2.41	2.51	3.49	4.75	5.40	4.09	3.86	3.45	2.91	2.62	2.52	2.37	
27	2.41	2.52	3.51	4.79	5.38	4.08	3.85	3.42	2.90	2.62	2.52	2.37	
28	2.41	2.52	3.51	4.82	5.37	4.07	3.85	3.40	2.89	2.62	2.52	2.36	
29	2.40	2.52	3.50	4.86		4.06	3.85	3.38	2.87	2.62	2.52	2.36	
30	2.40	2.52	3.49	4.96		4.07	3.85	3.36	2.85	2.62	2.52	2.35	
31	2.39		3.48	4.97		4.12		3.34		2.61	2.50		
MEAN	2.46	2.41	3.12	4.43	5.21	4.65	4.26	3.73	3.08	2.70	2.57	2.42	3.41
MAX.	2.56	2.52	3.51	4.97	5.46	5.36	4.58	4.07	3.32	2.83	2.64	2.50	5.46
MIN.	2.39	2.34	2.65	3.86	4.95	4.06	3.85	3.34	2.85	2.61	2.50	2.35	2.34

QM ST.: 4-280 MACHIYA FERRY YEAR : 1989/90 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	26.3	20.8	29.3	88.9	171.6	207.7	117.7	88.1	58.5	36.4	29.0	24.1	
2	26.3	20.8	30.7	91.2	171.6	207.1	122.1	88.1	57.4	35.9	28.7	24.0	
3	26.3	20.5	31.5	93.7	171.1	205.4	127.5	88.5	56.5	35.5	28.4	23.8	
4	26.1	20.3	32.4	96.0	170.0	206.0	135.6	88.5	55.8	34.7	28.4	23.6	
5	25.9	20.1	33.1	98.0	170.0	206.0	138.2	90.8	54.9	34.5	28.0	23.5	
6	25.1	19.7	34.0	103.1	170.6	204.2	139.0	92.3	54.3	34.1	27.5	23.3	
7	24.5	19.7	35.0	105.6	171.6	199.1	139.9	94.5	53.4	33.7	27.4	23.2	
8	24.3	19.5	35.9	108.9	174.8	192.9	139.2	97.4	52.7	33.2	27.3	23.0	
9	23.9	19.5	37.4	110.6	178.3	182.3	138.0	100.6	51.9	33.1	27.3	22.9	
10	23.5	19.5	39.7	112.3	181.3	179.1	135.6	102.3	51.2	32.6	27.3	22.7	
11	23.4	19.5	41.2	115.3	186.5	171.1	134.2	101.7	50.5	32.3	27.1	22.5	
12	23.1	19.5	43.6	122.3	190.1	167.1	132.8	99.2	49.5	31.9	27.1	22.4	
13	22.9	19.4	45.2	126.4	193.4	157.6	130.1	95.8	49.3	31.6	27.1	22.2	
14	22.3	19.4	47.0	128.9	195.7	154.6	129.1	91.7	48.4	31.1	26.9	22.1	
15	22.3	19.5	48.1	129.1	201.4	143.3	123.2	87.7	47.5	31.0	26.7	21.9	
16	22.3	19.9	49.2	130.1	201.4	134.9	121.5	84.3	47.0	30.8	26.4	21.8	
17	22.1	20.5	51.1	131.9	201.4	130.1	118.8	81.0	45.7	30.5	26.1	21.6	
18	21.9	21.0	52.8	134.2	201.1	126.9	116.4	78.3	43.8	30.3	26.1	21.5	
19	21.9	21.0	55.6	135.6	202.2	123.7	112.7	76.0	43.2	30.0	26.1	21.3	
20	21.9	21.4	55.9	138.2	205.7	121.0	107.0	73.9	42.8	29.8	25.9	21.2	
21	21.7	21.9	57.9	142.8	212.4	116.6	102.3	72.6	42.1	29.5	25.5	21.0	
22	21.4	22.9	59.0	144.7	216.5	113.6	99.4	70.7	41.5	29.5	25.5	20.9	
23	21.4	23.5	62.6	146.7	217.1	110.0	96.2	69.3	40.8	29.3	25.4	20.7	
24	21.4	24.3	63.9	148.6	216.5	107.0	93.7	68.2	40.2	29.0	25.4	20.6	
25	21.4	24.5	65.3	151.4	214.2	105.6	91.0	66.7	39.8	28.8	25.4	20.4	
26	21.4	24.5	67.3	153.1	211.5	104.1	89.2	65.2	39.5	28.5	24.9	20.3	
27	21.4	24.9	68.2	156.1	209.5	103.5	88.5	63.7	39.0	28.4	24.9	20.1	
28	. 4	25.1	68.2	159.1	208.3	102.3	88.1	62.6	38.8	28.4	24.9	20.0	
29	21.2	25.1	67.8	162.7		101.7	88.1	61.3	37.9	28.4	24.9	19.8	
30	21.0	25.1	67.5	170.6		102.3	88.1	60.2	37.2	28.2	24.9	19.7	
31	20.8		66.8	171.6		106.0		59.5		28.1	24.3		
MEAN	22.9	21.4	49.8	129.3	193.4	148.1	116.1	81.3	47.0	31.3	26.5	21.9	73.4
MAX.	26.3	25.1	68.2	171.6	217.1	207.7	139.9	102.3	58.5	36.4	29.0	24.1	217.1
MIN.	20.8	19.4	29.3	88.9	170.0	101.7	88.1	59.5	37.2	28.1	24.3	19.7	19.4

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 107.0 Q(185day): 47.0 Q(275day): 25.1 Q(355day): 19.7

<<< MASTER PROGRAM for DB-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-280 MACHIYA FERRY YEAR : 1990/91 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.40	2.25	2.29	3.38	5.95	6.39	6.16	4.70	3.45	3.01	2.82	2.63	
2	2.39	2.24	2.33	3.42	6.10	6.32	6.18	4.64	3.43	2.99	2.82	2.63	
3	2.39	2.24	2.41	3.51	6.22	6.25	6.16	4.58	3.40	2.97	2.81	2.62	
4	2.38	2.23	2.43	3.60	6.35	6.15	6.13	4.52	3.37	2.96	2.80	2.62	
5	2.38	2.17	2.39	3.63	6.16	6.07	6.10	4.46	3.36	2.96	2.80	2.61	
6	2.37	2.16	2.37	3.72	6.56	6.01	6.05	4.40	3.33	2.95	2.79	2.60	
7	2.37	2.16	2.38	3.89	6.64	5.90	5.96	4.34	3.31	2.94	2.78	2.60	
8	2.36	2.16	2.41	4.00	6.73	5.82	5.90	4.28	3.30	2.94	2.77	2.59	
9	2.36	2.15	2.41	4.01	6.76	5.75	5.86	4.22	3.28	2.93	2.77	2.59	
10	2.35	2.15	2.38	4.04	6.77	5.68	5.80	4.16	3.26	2.93	2.77	2.58	
11	2.35	2.14	2.37	4.11	6.75	5.63	5.75	4.10	3.25	2.91	2.76	2.57	
12	2.34	2.14	2.36	4.12	6.74	5.61	5.73	4.04	3.23	2.91	2.76	2.57	
13	2.34	2.14	2.37	4.13	6.72	5.62	5.71	4.03	3.21	2.90	2.75	2.56	
14	2.33	2.13	2.38	4.13	6.71	5.63	5.68	4.00	3.20	2.90	2.74	2.55	
15	2.33	2.13	2.38	4.14	6.69	5.66	5.64	3.97	3.19	2.90	2.74	2.55	
16	2.32	2.13	2.47	4.23	6.71	5.65	5.61	3.93	3.18	2.90	2.73	2.54	
17	2.32	2.15	2.49	4.42	6.70	5.62	5.56	3.91	3.16	2.90	2.72	2.54	
18	2.31	2.14	2.51	4.67	6.69	5.61	5.49	3.88	3.15	2.88	2.72	2.53	
19	2.31	2.14	2.58	4.94	6.69	5.61	5.40	3.84	3.13	2.87	2.71	2.52	
20	2.30	2.13	2.60	5.06	6.69	5.68	5.32	3.81	3.12	2.87	2.71	2.52	
21	2.30	2.13	2.58	5.18	6.69	5.77	5.27	3.79	3.10	2.85	2.70	2.51	
22	2.29	2.16	2.57	5.22	6.71	5.80	5.21	3.73	3.09	2.85	2.69	2.51	
23	2.29	2.16	2.57	5.23	6.71	5.89	5.17	3.70	3.08	2.84	2.69	2.50	
24	2.28	2.15	2.60	5.24	6.70	5.95	5.10	3.67	3.08	2.85	2.68	2.49	
25	2.28	2.15	2.63	5.28	6.67	5.99	5.05	3.64	3.07	2.84	2.68	2.49	
26	2.27	2.14	2.69	5.27	6.64	6.04	5.00	3.59	3.05	2.84	2.67	2.48	
27	2.27	2.17	2.73	5.28	6.57	6.07	4.94	3.57	3.04	2.83	2.66	2.48	
28	2.26	2.18	2.80	5.34	6.49	6.11	4.88	3.55	3.03	2.83	2.66	2.47	
29	2.26	2.19	2.87	5.47		6.13	4.82	3.52	3.02	2.83	2.65	2.46	
30	2.25	2.24	2.94	5.64		6.14	4.76	3.51	3.02	2.82	2.65	2.46	
31	2.25		3.11	5.77		6.16		3.48		2.82	2.64		
MEAN	2.32	2.17	2.53	4.52	6.59	5.89	5.55	3.99	3.20	2.89	2.73	2.55	3.72
MAX.	2.40	2.25	3.11	5.77	6.77	6.39	6.18	4.70	3.45	3.01	2.82	2.63	6.77
MIN.	2.25	2.13	2.29	3.38	5.95	5.61	4.76	3.48	3.02	2.82	2.64	2.46	2.13

QM ST.: 4-280 MACHIYA FERRY YEAR : 1990/91 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	12.9	12.5	17.8	61.7	267.0	317.7	290.9	149.1	65.2	43.6	35.8	28.8	
2	12.9	12.5	19.0	63.7	283.4	309.4	292.3	144.3	63.9	42.9	35.7	28.6	
3	12.8	12.5	21.6	68.3	297.5	301.3	290.9	139.6	62.6	42.1	35.5	28.4	
4	12.8	12.4	22.1	73.6	311.9	289.2	287.5	134.9	61.2	41.6	35.2	28.2	
5	12.8	12.3	20.9	75.3	290.6	280.3	284.1	130.3	60.2	41.5	34.9	28.0	
6	12.8	12.3	20.2	80.3	337.8	274.0	278.6	125.9	58.8	41.1	34.5	27.8	
7	12.8	12.3	20.6	91.0	347.9	261.7	268.6	121.4	57.9	40.7	34.1	27.6	
8	12.8	12.3	21.4	97.8	358.5	253.6	262.4	117.1	57.3	40.7	34.0	27.3	
9	12.8	12.3	21.4	98.8	362.3	246.3	257.2	112.8	56.2	40.4	34.0	27.1	
10	12.8	12.2	20.6	100.8	363.1	238.7	251.1	108.7	55.6	40.2	33.8	26.9	
11	12.7	12.2	20.1	104.9	360.8	233.8	246.6	104.5	54.9	39.7	33.6	26.7	
12	12.7	12.2	19.9	105.8	359.6	231.9	244.1	100.4	54.0	39.4	33.3	26.5	
13	12.7	12.2	20.1	106.6	356.9	232.5	241.6	99.6	53.1	39.2	33.1	26.3	
14	12.7	12.2	20.4	106.6	355.4	233.5	238.4	97.8	52.5	39.2	32.9	26.1	
15	12.7	12.2	20.6	107.0	353.9	237.2	234.7	95.8	51.9	39.0	32.6	25.9	
16	12.7	12.2	23.5	113.4	356.2	236.3	231.6	93.7	51.3	38.9	32.4	25.7	
17	12.7	12.2	24.0	127.5	354.7	232.9	226.4	91.9	50.5	38.9	32.2	25.5	
18	12.7	12.2	24.7	146.4	353.5	231.6	219.8	90.0	50.1	38.1	31.9	25.3	
19	12.6	12.2	26.6	169.0	353.1	231.6	211.2	87.9	49.3	37.9	31.7	25.1	
20	12.6	12.2	27.6	179.6	353.1	239.1	203.7	86.0	48.6	37.7	31.5	24.9	
21	12.6	12.2	27.1	190.6	353.9	247.9	199.1	84.3	47.9	37.2	31.3	24.7	
22	12.6	12.3	26.7	194.3	355.4	251.4	192.9	81.2	47.4	36.9	31.0	24.5	
23	12.6	12.3	26.7	195.1	356.2	260.4	189.5	79.2	47.0	36.8	30.8	24.3	
24	12.6	12.3	27.5	196.2	354.7	267.0	182.9	77.3	46.8	36.9	30.6	24.1	
25	12.6	12.2	28.8	199.4	350.9	272.0	178.6	75.9	46.3	36.5	30.4	23.9	
26	12.6	12.2	30.7	198.5	346.7	277.3	174.3	72.9	45.6	36.5	30.1	23.7	
27	12.5	12.3	32.4	199.6	338.1	280.3	169.1	71.7	44.9	36.4	29.9	23.5	
28	12.5	12.3	35.2	205.1	329.3	284.4	163.9	70.8	44.6	36.4	29.7	23.3	
29	12.5	12.4	37.7	217.7		286.8	158.9	69.2	44.4	36.2	29.5	23.1	
30	12.5	12.5	40.8	234.7		288.5	153.9	68.2	44.1	35.9	29.3	22.9	
31	12.5		43.4	247.9		290.2		66.8		35.8	29.0		
MEAN	12.7	12.3	25.7	140.6	341.5	261.9	227.5	98.4	52.5	38.8	32.4	25.8	104.2
MAX.	12.9	12.5	43.4	247.9	363.1	317.7	292.3	149.1	65.2	43.6	35.8	28.8	363.1
MIN.	12.5	12.2	17.8	61.7	267.0	231.6	153.9	66.8	44.1	35.8	29.0	22.9	12.2

[Discharge Rating Curve]:Q=10.964*(H-1.012)^2

[Flow Regime (m3/s)]:

Q(95day): 179.6 Q(185day): 42.1 Q(275day): 25.1 Q(355day): 12.2