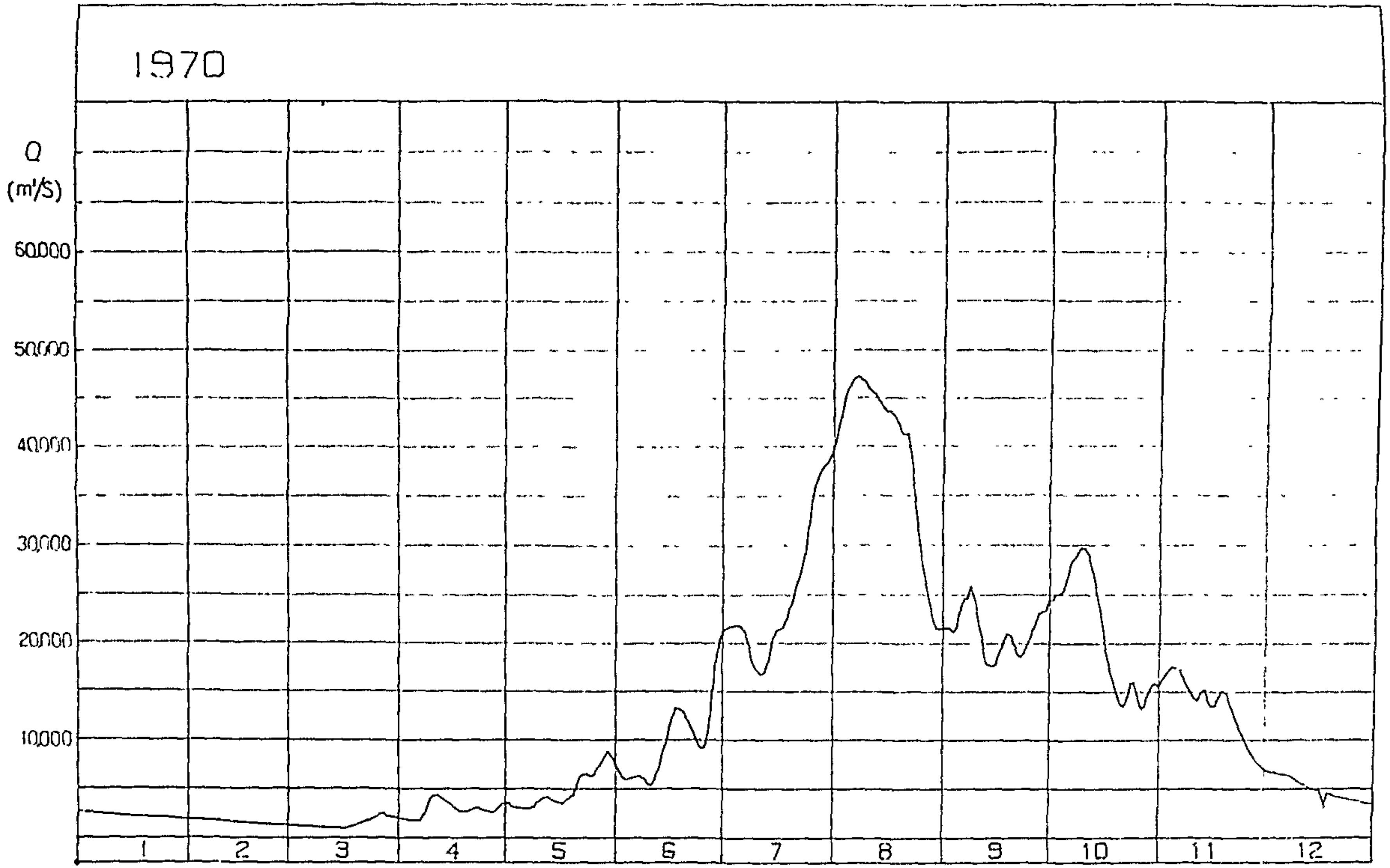


FIGURE HYDROGRAPH OF IRRAWADDY RIVER AT PROME

APPENDIX E-5 HYDROGRAPH OF IRRAWADDY RIVER AT PROM (1970-1977)

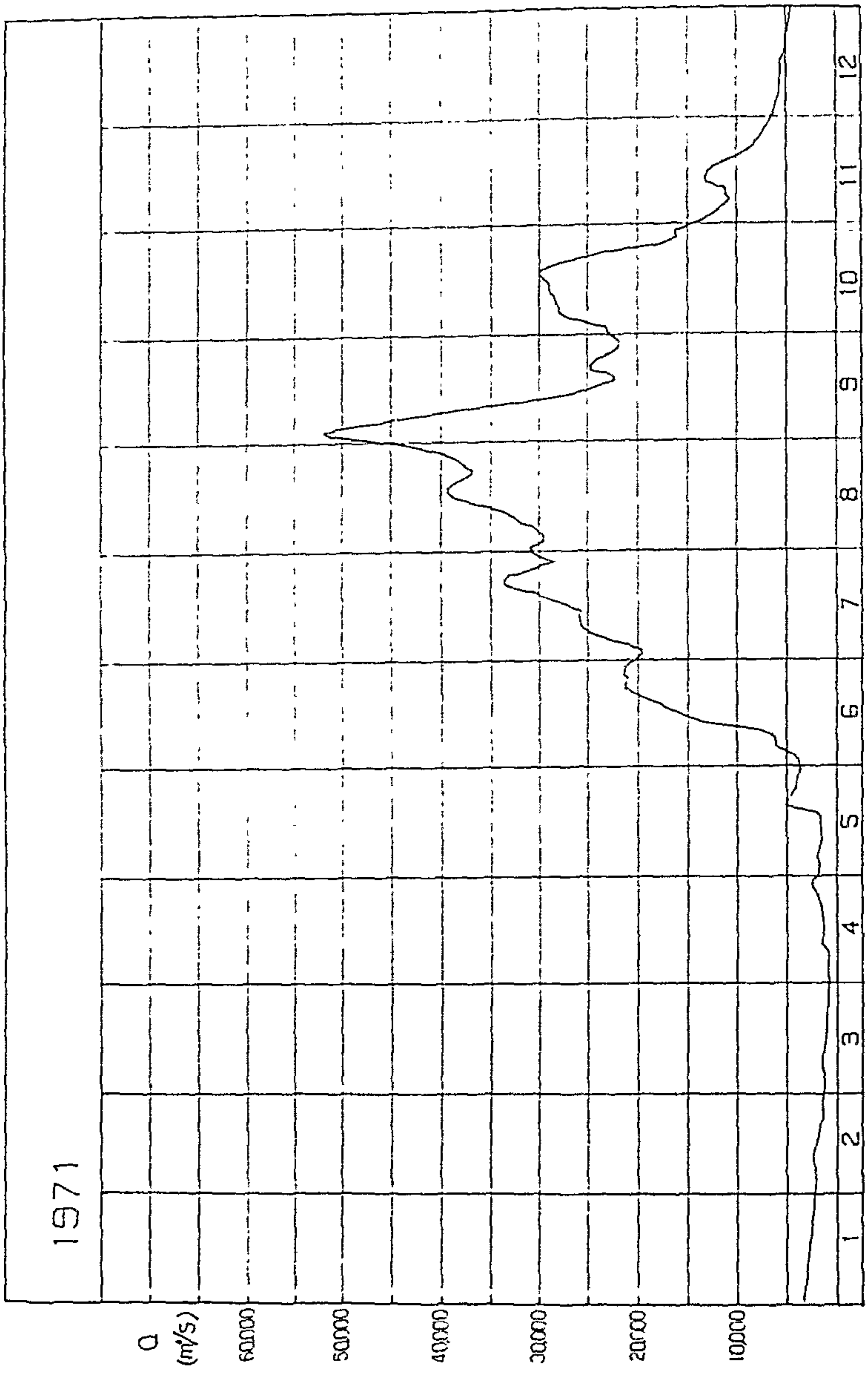


FIGURE HYDROGRAPH OF IRRAWADDY RIVER AT PROME

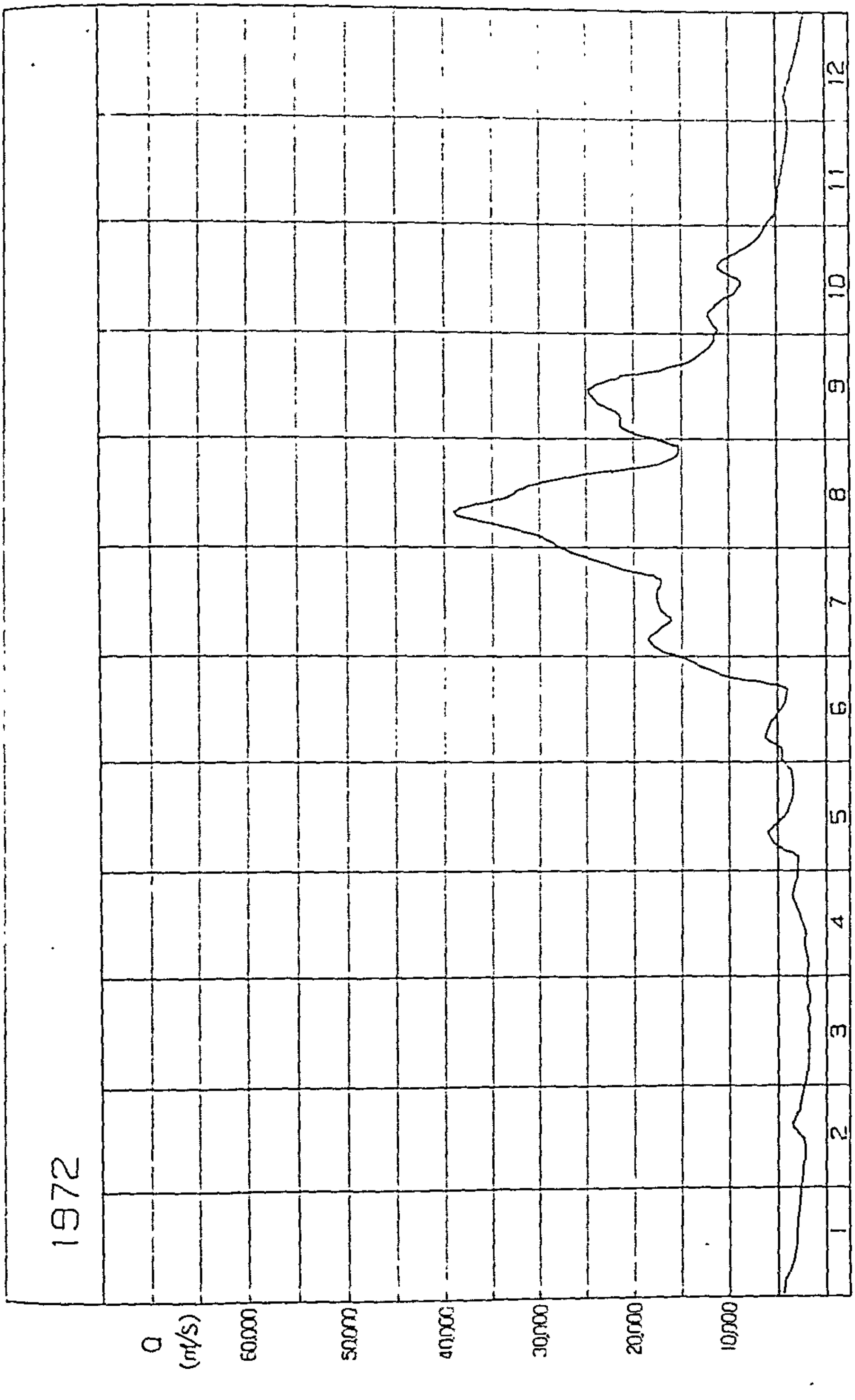


FIGURE HYDROGRAPH OF IRRAWADDY RIVER AT PROME

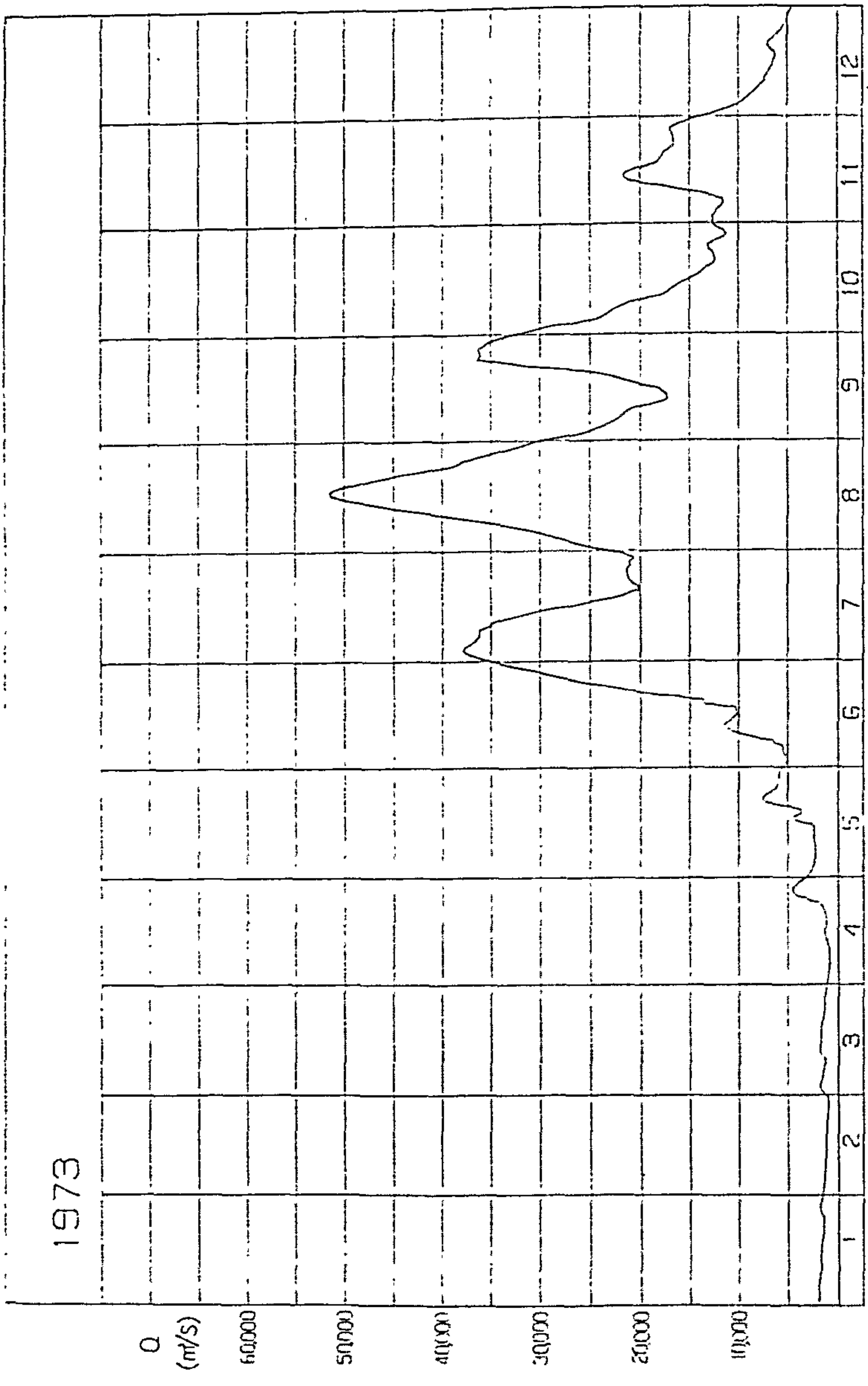


FIGURE   HYDROGRAPH OF IRRAWADDY RIVER AT PROME

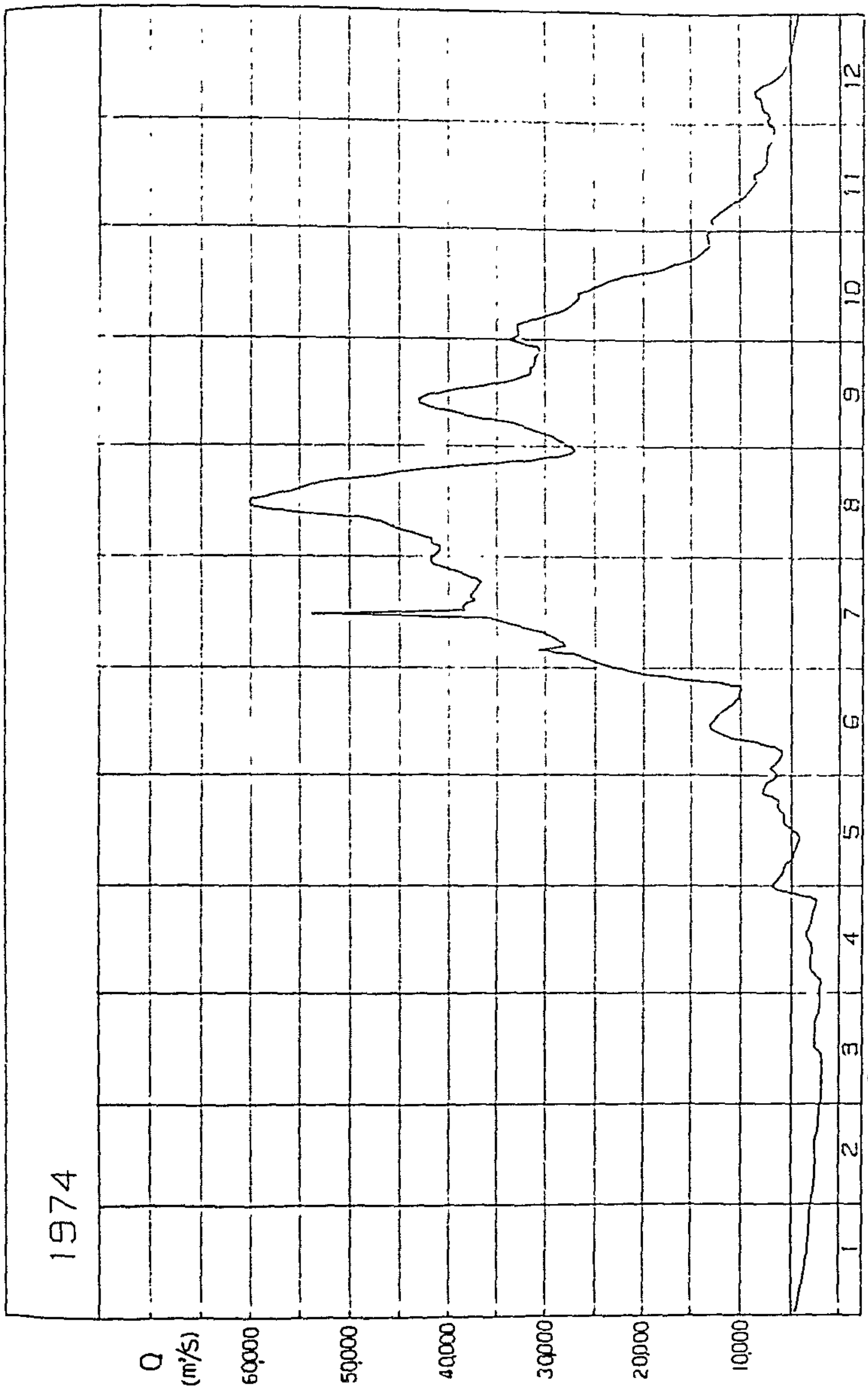


FIGURE HYDROGRAPH OF IRRAWADDY RIVER AT PROME

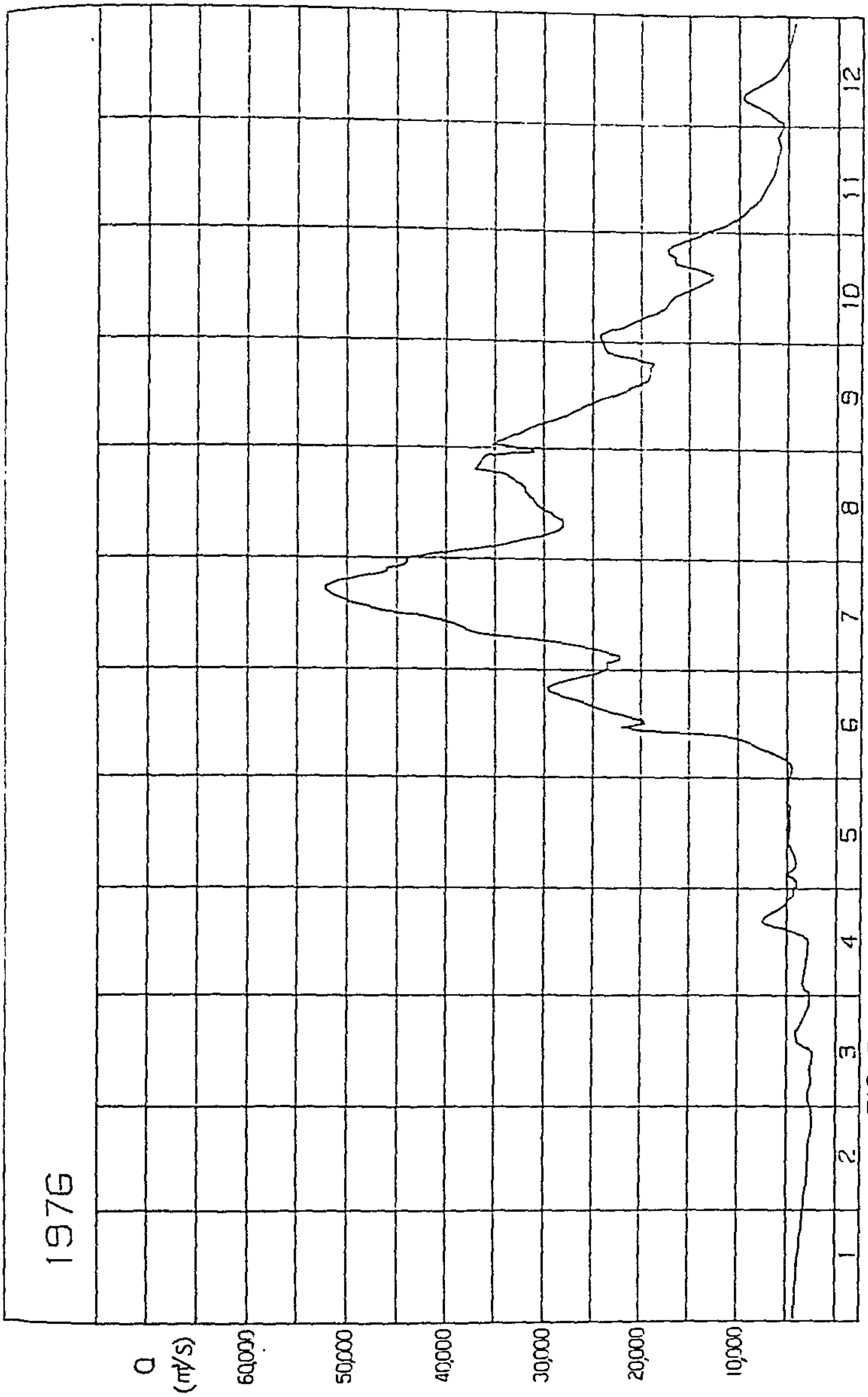


FIGURE HYDROGRAPH OF IRRAWADDY RIVER AT PROME

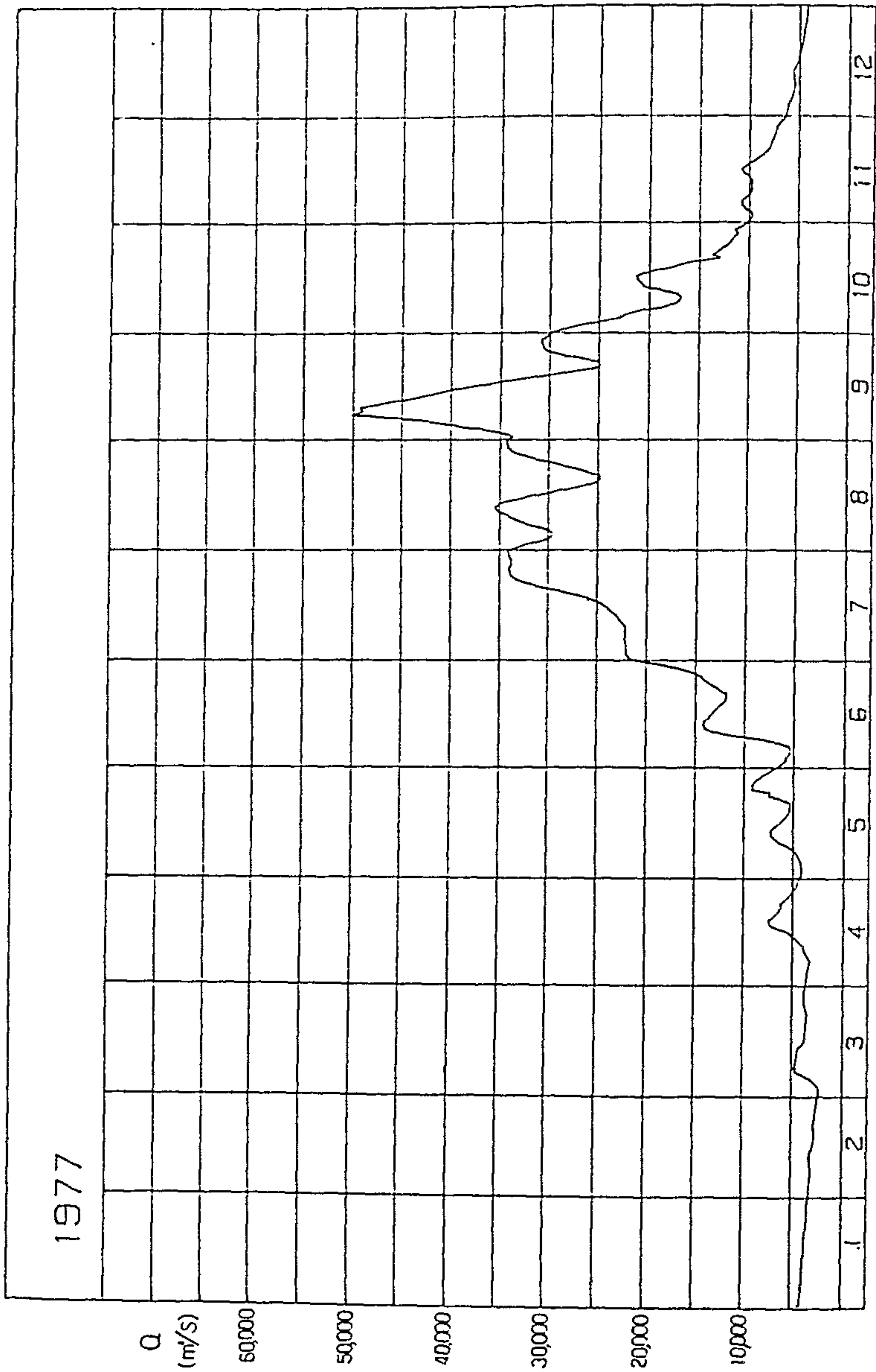


FIGURE HYDROGRAPH OF IRRAWADDY RIVER AT PROME

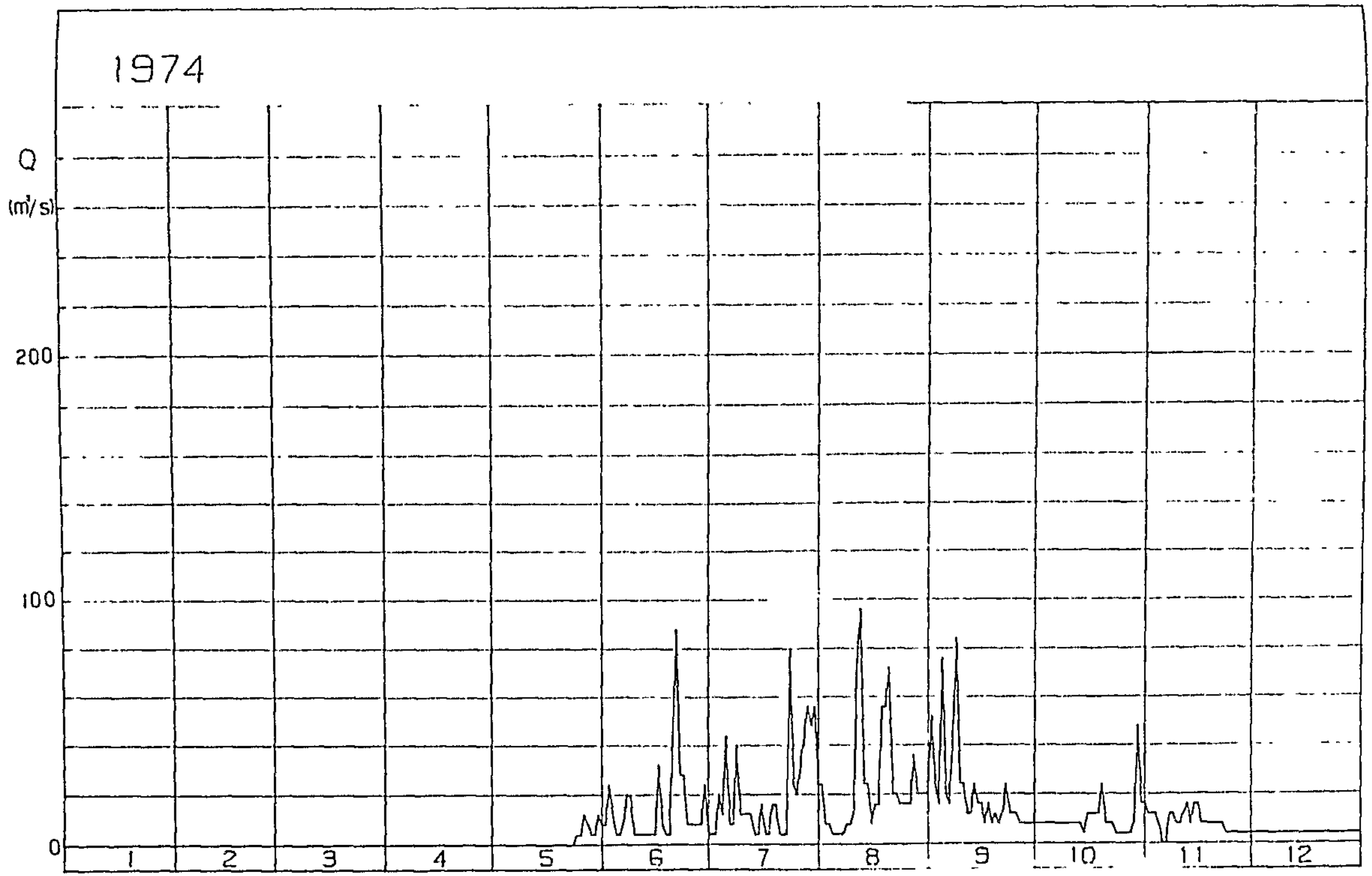
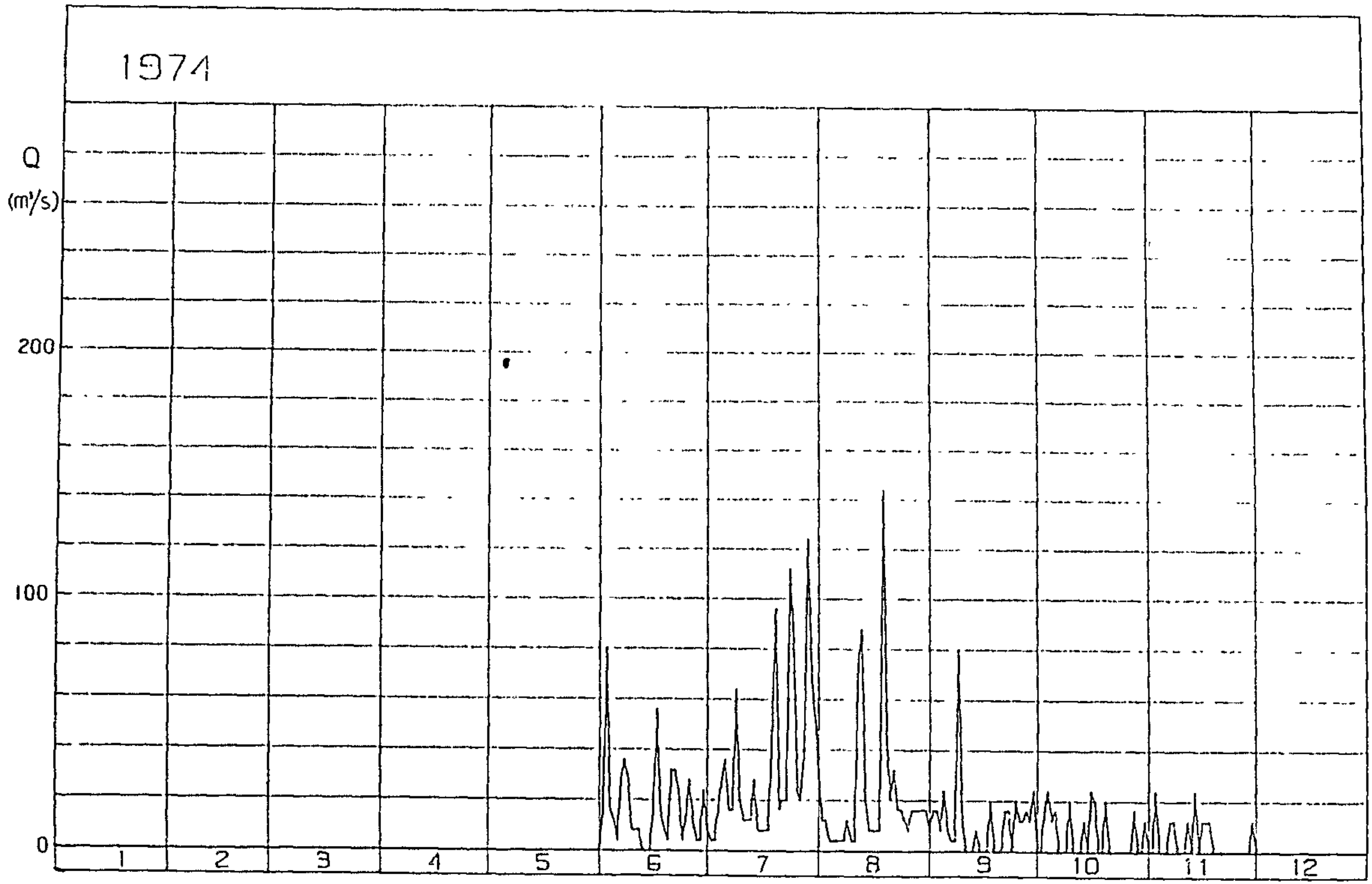
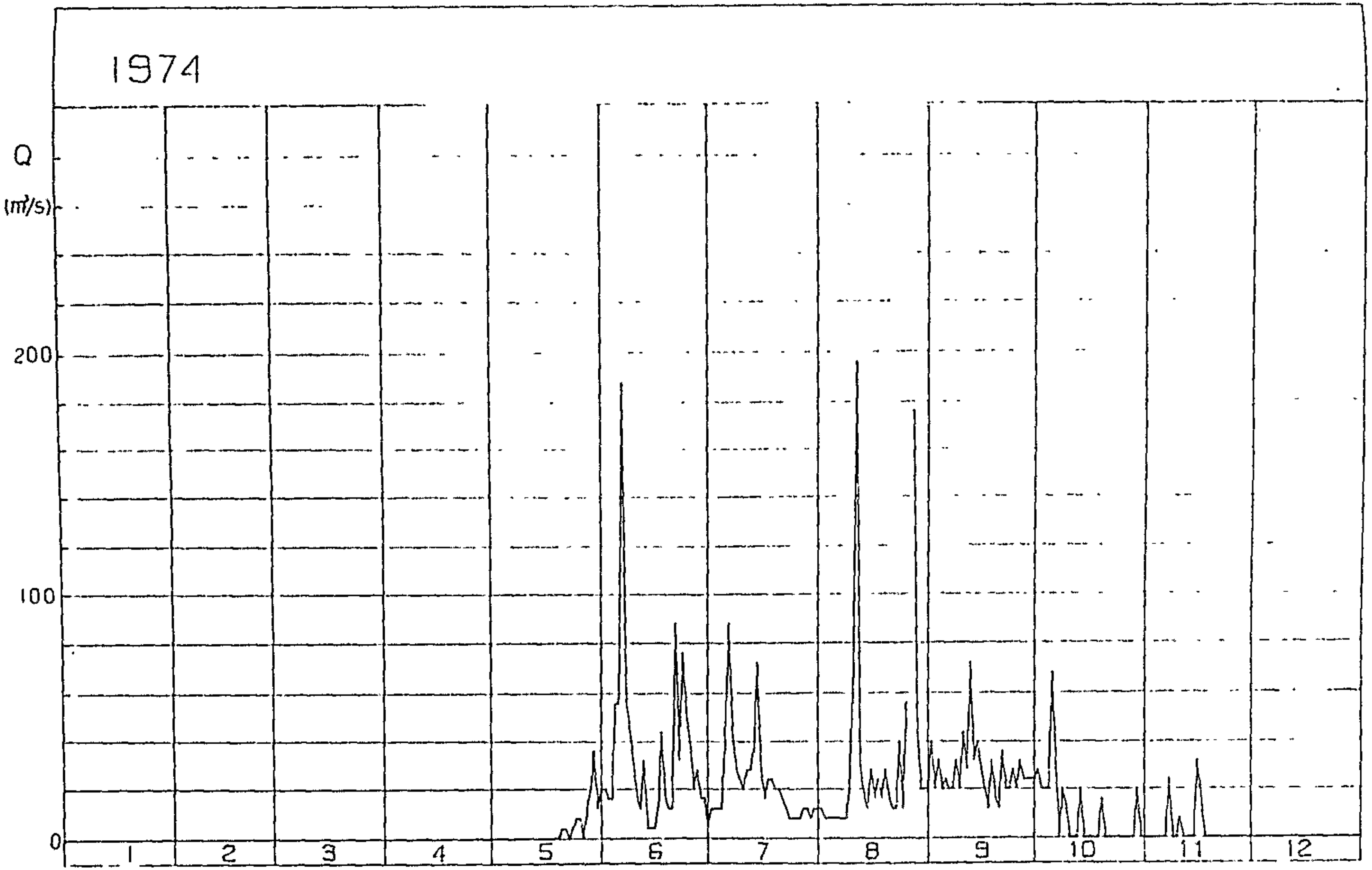


FIGURE HYDROGRAPH OF SOUTH NAWIN RIVER AT YATTHIT

APPENDIX E-6 HYDROGRAPH OF SOUTH NAWIN RIVER AT YATTHIT

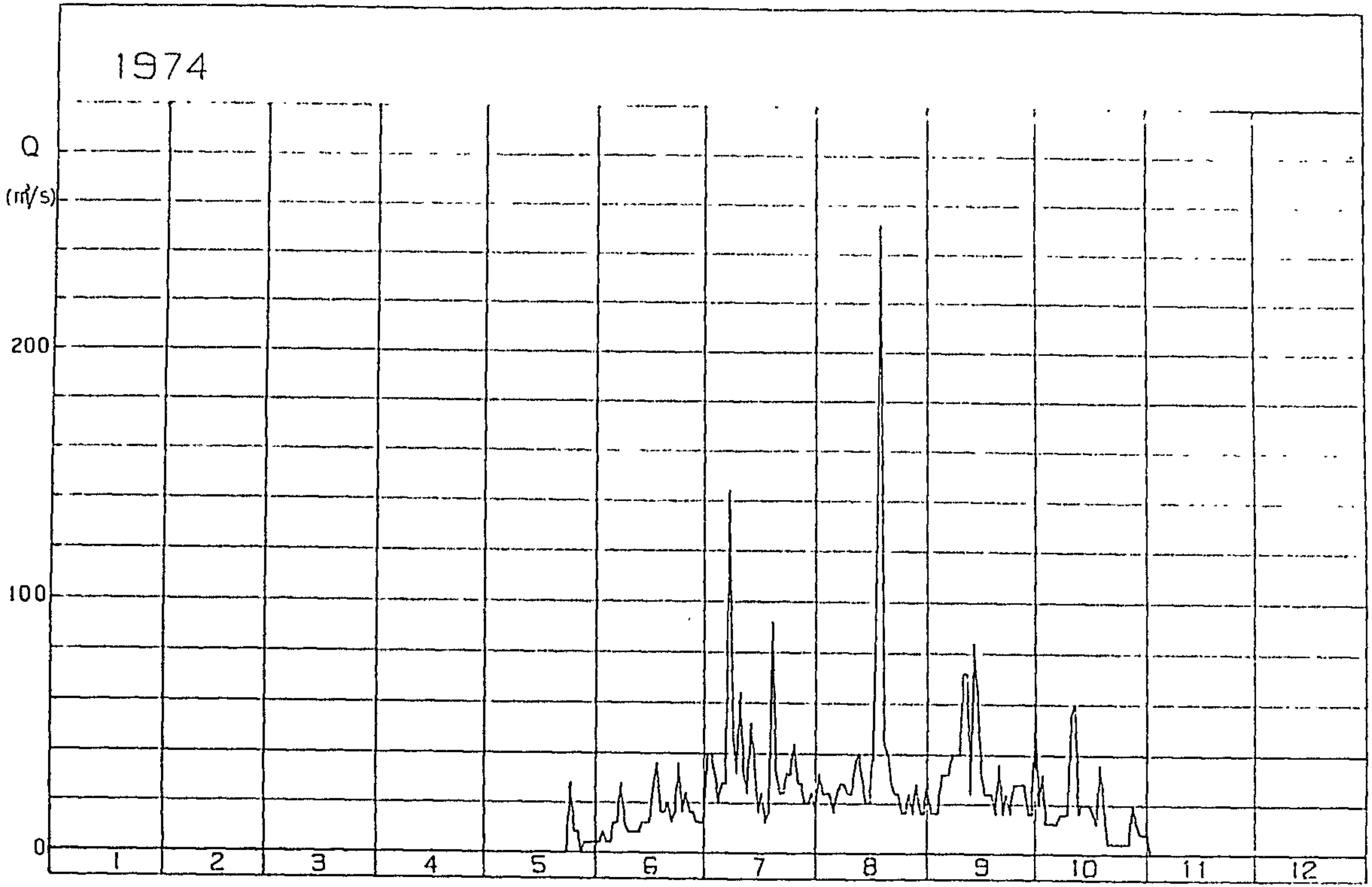


APPENDIX F-7 HYDROGRAPH OF WEGY RIVER AT TEME

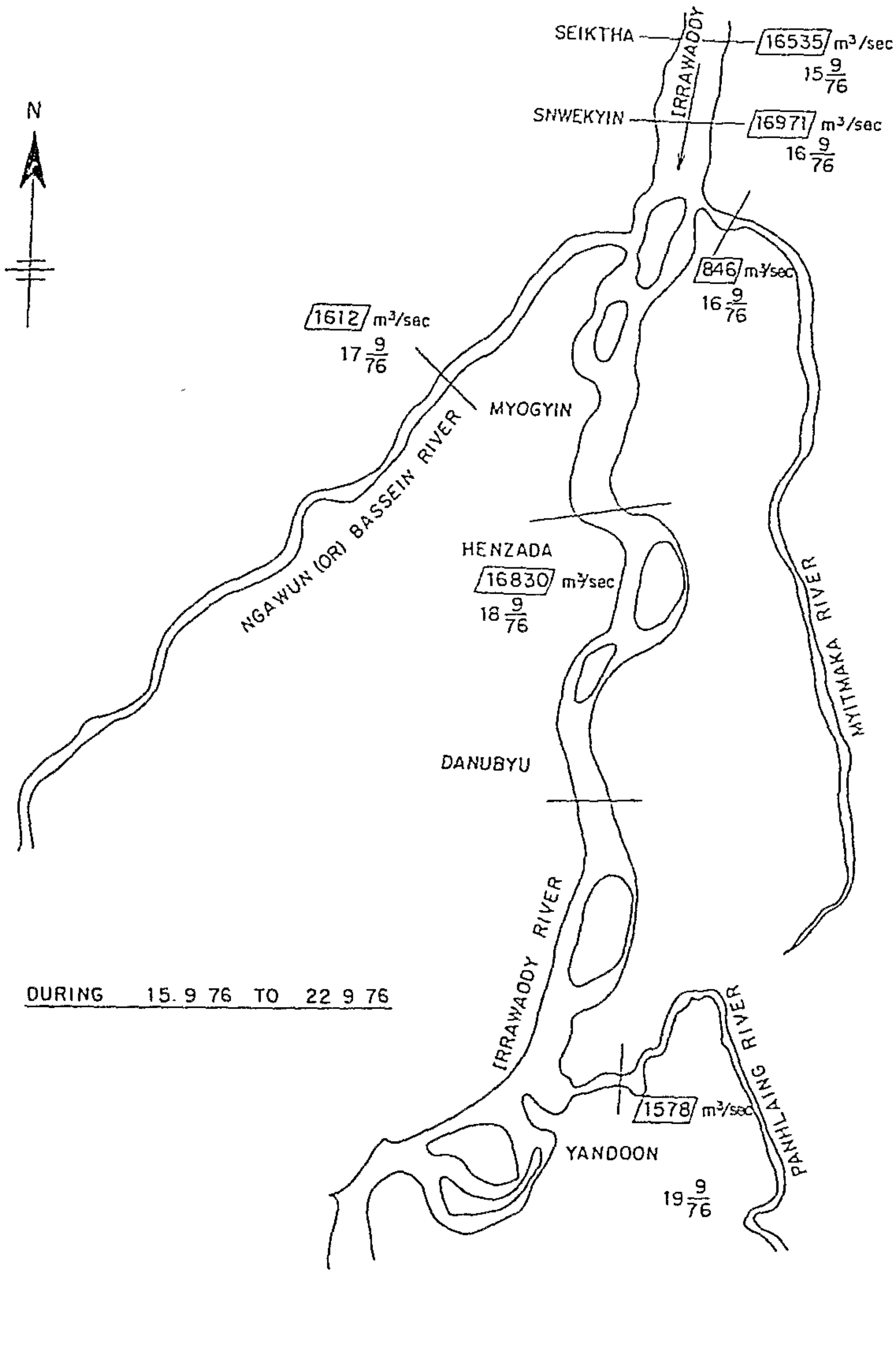


APPENDIX E-8

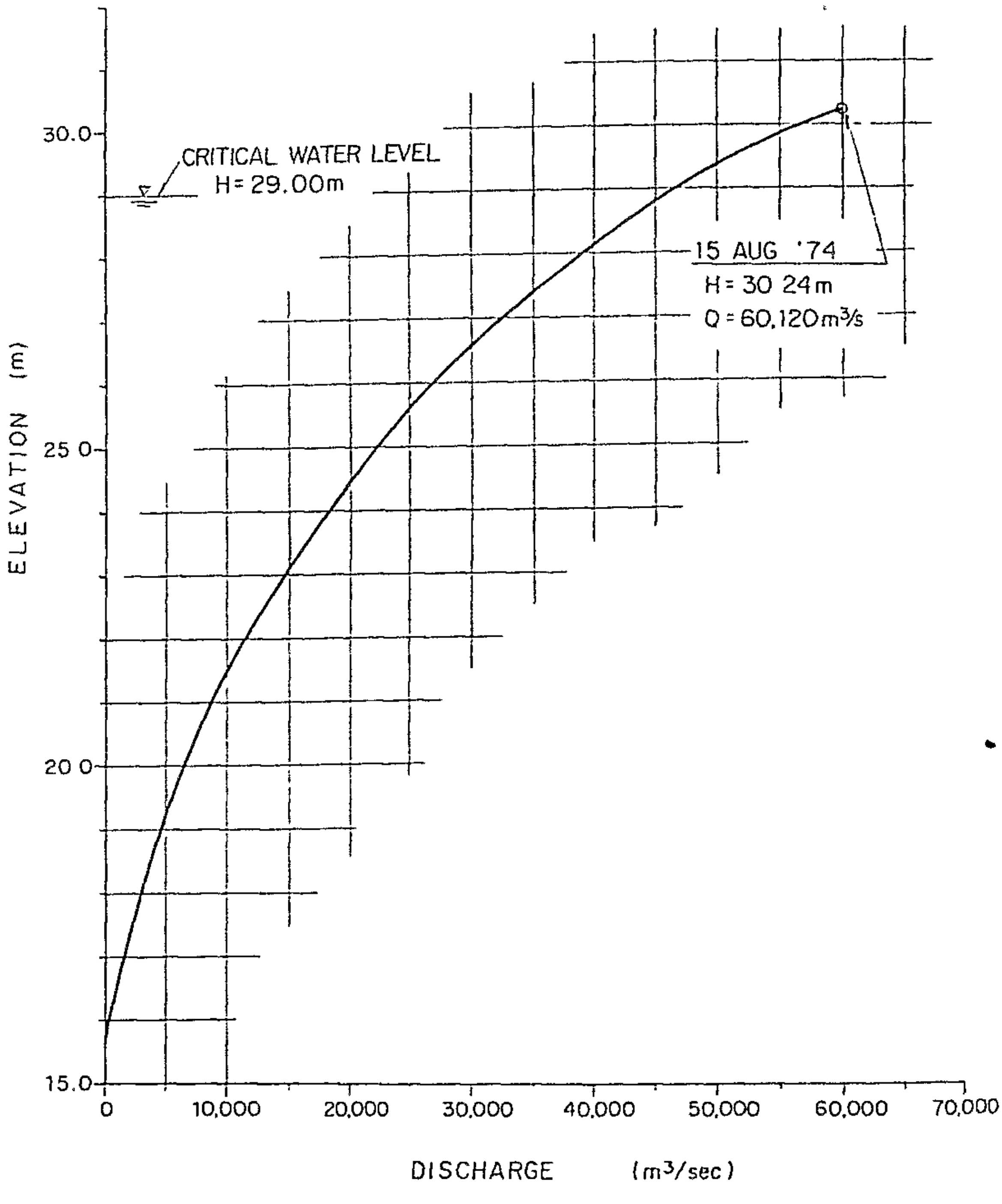
HYDROGRAPH OF KADINBILIN RIVER AT KWETMA



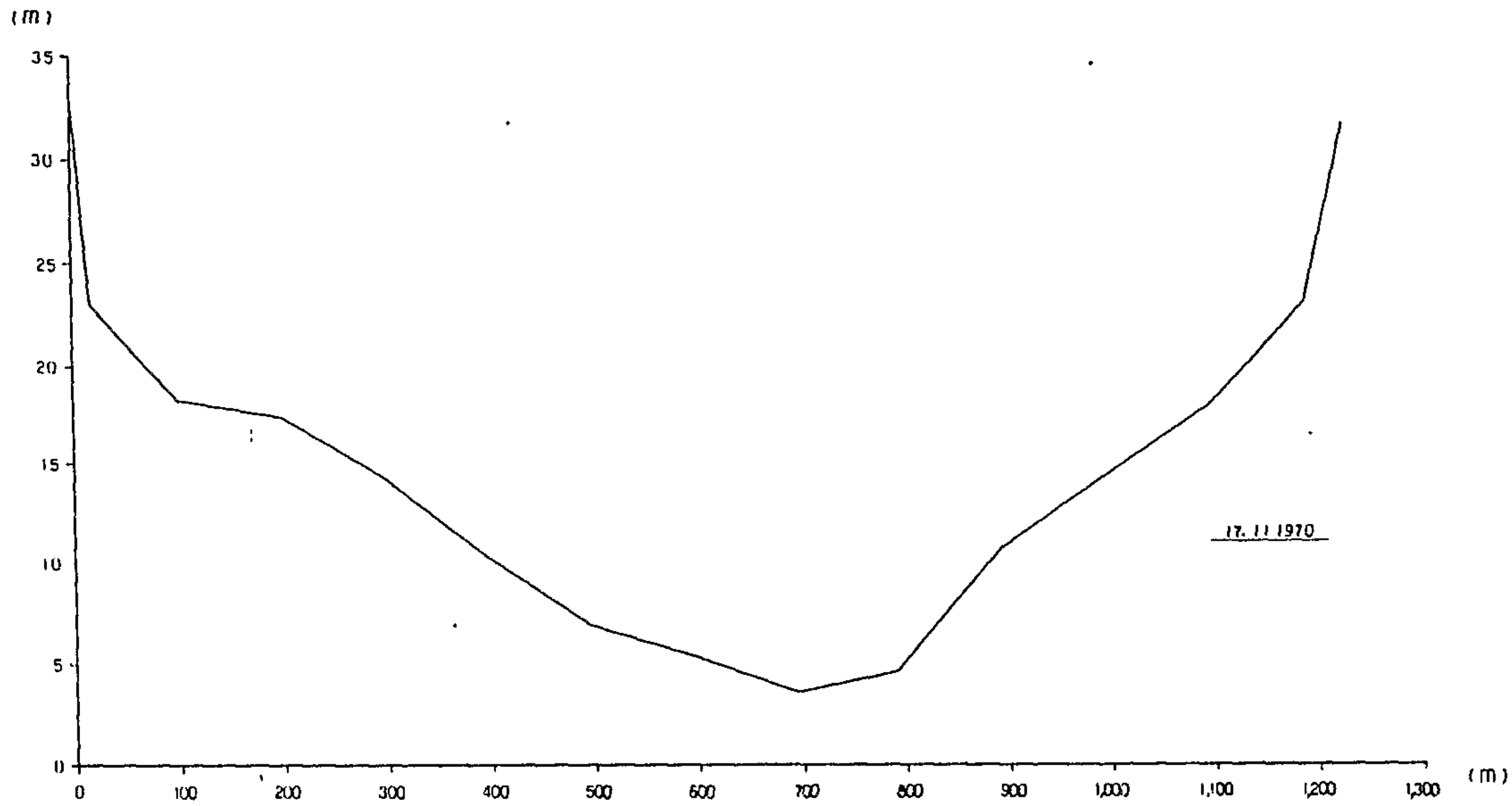
APPENDIX F-9 HYDROGRAPH OF OKKAN RIVER AT KYAUKPYINTHA



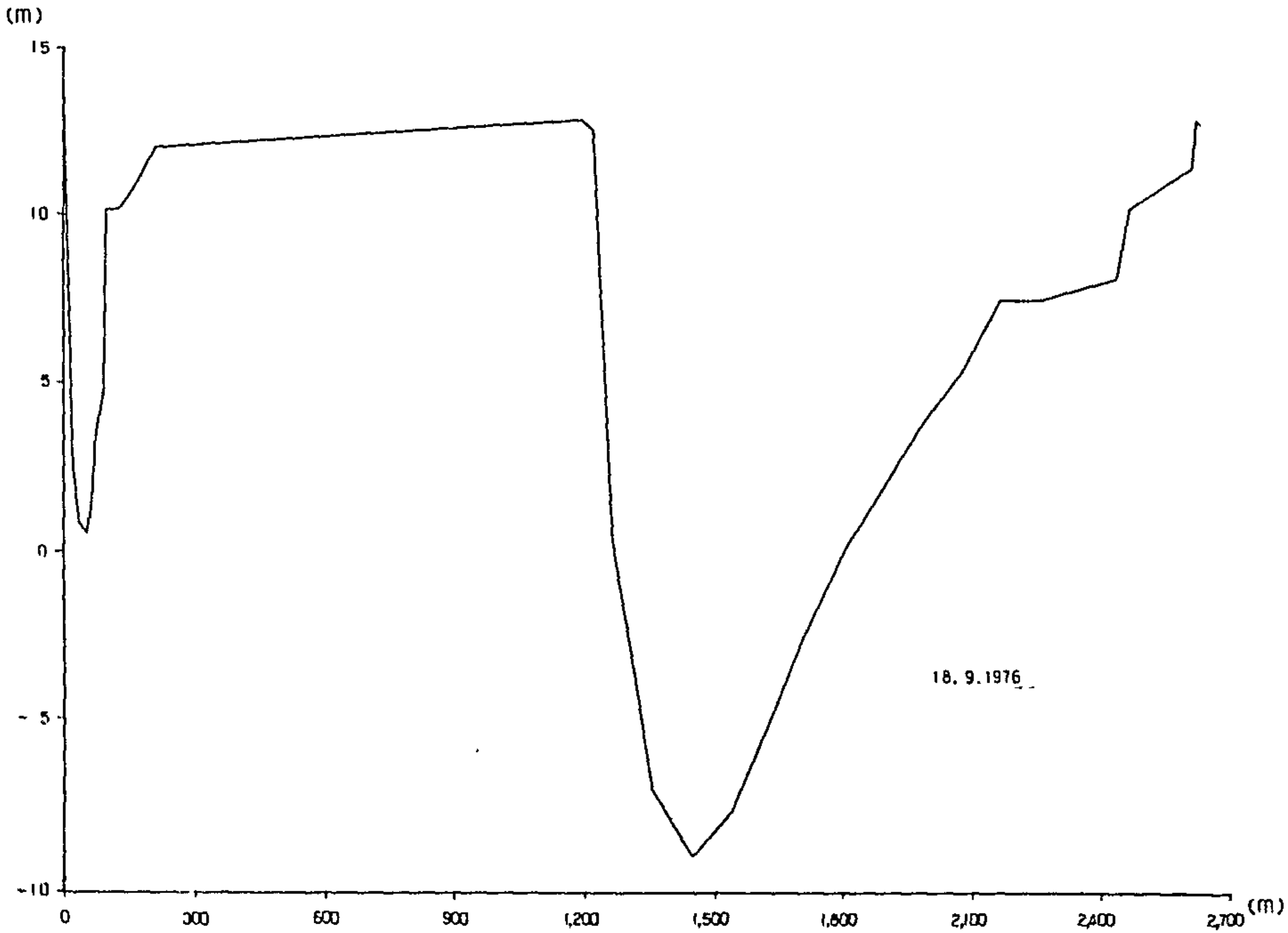
APPENDIX E-10 DISTRIBUTION OF DISCHARGE OF IRRAWADDY RIVER



APPENDIX E-11 RATING CURVE OF IRRAWADDY RIVER AT PROME



APPENDIX E- 12 CROSS SECTION OF IRRAWADDY RIVER AT PROME



APPENDIX E-13 CROSS SECTION OF IRRAWADDY RIVER AT HENZADA

APPENDIX E-14 SUCCESSIVE RAINFALL (THARRAWADDY, PROME, HENZADA)

(Unit: mm)

Year	Daily Maximum			2 day Maximum		
	Tharrawaddy	Prome	Henzada	Tharrawaddy	Prome	Henzada
1947	115.32	47.75	-	132.84	66.29	-
48	121.41	65.79	83.82	151.13	151.41	119.13
49	-	-	-	-	-	-
1950	92.96	-	84.07	111.00	-	111.76
51	106.43	116.08	114.55	161.29	124.97	167.64
52	101.60	98.04	134.37	152.91	130.81	144.27
53	94.49	138.68	99.06	152.40	148.59	168.66
54	117.86	117.86	-	142.75	120.14	-
55	92.96	95.25	154.94	113.79	95.50	187.96
56	83.06	84.58	104.14	134.37	113.28	123.95
57	104.65	60.45	-	171.96	111.51	-
58	98.55	61.98	84.84	130.30	76.96	115.06
59	86.87	55.88	91.69	128.52	100.08	174.75
1960	197.10	83.82	88.14	210.82	108.20	129.29
61	150.37	112.52	231.65	174.75	135.89	278.64
62	127.25	107.95	127.76	161.29	178.05	162.56
63	122.68	68.83	118.11	186.18	91.69	199.39
64	109.73	84.58	121.92	127.51	113.28	204.47
65	93.98	99.06	-	120.40	157.99	-
66	71.88	62.99	82.80	112.27	66.55	116.33
67	-	62.99	-	-	84.07	-
68	118.62	64.01	98.04	143.00	89.15	130.05
69	69.85	115.06	152.40	107.95	150.11	168.15
1970	205.99	59.94	95.00	249.94	71.88	127.00
71	78.00	93.00	90.00	143.00	178.00	160.00
72	84.00	56.00	80.00	117.00	66.00	105.00
73	246.00	126.00	139.00	297.00	165.00	202.00
74	120.00	131.00	76.00	133.00	176.00	112.00
75	188.00	120.00	96.00	239.00	128.00	106.00
76	185.00	107.00	155.00	240.00	136.00	240.00
77	112.00	61.00	96.00	138.00	73.00	148.00

Note: – No Data

SUCCESSIVE RAINFALL (THARRAWADDY, PROME, HENZADA)

(Unit: mm)

Year	3 day Maximum			6 day Maximum		
	Tharrawaddy	Prome	Henzada	Tharrawaddy	Prome	Henzada
1947	146.30	86.36	-	223.77	126.24	-
48	159.26	120.40	152.91	277.62	151.89	263.14
49	-	-	-	-	-	-
1950	119.38	-	140.21	200.15	-	196.34
51	198.37	139.70	222.25	335.03	230.89	355.35
52	179.32	130.81	155.19	228.35	169.16	219.46
53	152.91	154.43	196.85	213.36	180.85	236.22
54	165.61	123.70	-	266.95	208.53	-
55	125.73	108.20	187.96	164.59	148.08	197.61
56	168.15	137.16	160.02	227.33	186.69	234.95
57	220.98	153.16	-	288.54	195.33	-
58	159.77	92.46	134.62	206.76	126.49	180.34
59	166.37	102.36	226.82	212.85	125.48	309.37
1960	223.77	181.10	169.67	272.03	206.50	207.77
61	180.59	143.76	300.99	232.66	177.55	354.33
62	180.85	196.60	180.09	235.20	245.36	274.32
63	227.84	126.49	250.19	291.85	151.13	336.55
64	141.99	137.16	249.43	150.62	186.69	328.42
65	155.19	159.77	-	233.68	180.34	-
66	141.73	87.12	134.62	246.63	112.78	220.22
67	-	93.98	-	-	112.17	-
68	178.05	92.20	176.53	254.51	117.35	304.29
69	124.46	221.23	170.94	181.36	316.23	234.95
1970	288.04	106.93	144.02	359.16	124.97	233.93
71	207.00	198.00	226.00	254.00	232.00	334.00
72	153.00	68.00	167.00	182.00	104.00	228.00
73	343.00	185.00	251.00	371.00	209.00	322.00
74	154.00	202.00	137.00	269.00	221.00	241.00
75	241.00	130.00	172.00	246.00	160.00	247.00
76	291.00	142.00	263.00	319.00	151.00	273.00
77	153.00	86.00	171.00	212.00	127.00	297.00

Note: – No Data

APPENDIX E-15 PROBABILITY ANALYSIS OF THE MAXIMUM WATER LEVEL AT PROME

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X : MAXIMUM WATER LEVEL AT PROME UNIT= (M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1974	30.240	1.48058	30.240	1.48058	2.19212	95.65	97.73	914.46	27653.16
2	1966	29.630	1.47173	29.630	1.47173	2.16599	91.30	93.18	877.94	26013.24
3	1976	29.570	1.47085	29.570	1.47085	2.16340	86.96	88.64	874.38	25855.54
4	1971	29.540	1.47041	29.540	1.47041	2.16211	82.61	84.09	872.61	25776.92
5	1977	29.380	1.46805	29.380	1.46805	2.15517	78.26	79.55	863.18	25360.32
6	1968	29.170	1.46494	29.170	1.46494	2.14604	73.91	75.00	850.89	24820.42
7	1970	29.100	1.46389	29.100	1.46389	2.14298	69.57	70.45	846.81	24642.14
8	1958	29.060	1.46329	29.060	1.46329	2.14123	65.22	65.91	844.48	24540.68
9	1956	28.800	1.45939	28.800	1.45939	2.12982	60.87	61.36	829.44	23887.84
10	1957	28.710	1.45803	28.710	1.45803	2.12586	56.52	56.82	824.26	23664.59
11	1959	28.710	1.45803	28.710	1.45803	2.12586	52.17	52.27	824.26	23664.59
12	1963	28.560	1.45576	28.560	1.45576	2.11923	47.83	47.73	815.67	23295.63
13	1961	28.280	1.45148	28.280	1.45148	2.10679	43.48	43.18	799.76	22617.16
14	1962	28.220	1.45056	28.220	1.45056	2.10411	39.13	38.64	796.37	22473.48
15	1965	28.080	1.44840	28.080	1.44840	2.09785	34.78	34.09	788.49	22140.66
16	1969	28.040	1.44778	28.040	1.44778	2.09606	30.43	29.55	786.24	22046.20
17	1975	27.980	1.44685	27.980	1.44685	2.09337	26.09	25.00	782.88	21904.98
18	1972	27.940	1.44623	27.940	1.44623	2.09157	21.74	20.45	780.64	21811.15
19	1973	27.930	1.44607	27.930	1.44607	2.09112	17.39	15.91	780.08	21787.75
20	1964	27.680	1.44217	27.680	1.44217	2.07984	13.04	11.36	766.18	21207.91
21	1967	27.550	1.44012	27.550	1.44012	2.07395	8.70	6.82	759.00	20910.48
22	1960	27.430	1.43823	27.430	1.43823	2.06849	4.35	2.27	752.40	20638.44
TOTAL		629.598	32.04272		32.04272	46.67287			18030.41	516712.75
MEAN	XM =	28.618	1.45649		YM = 1.45649	2.12149 = YYM			819.56	23486.94

```
R  = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.01714
SX = ROOT<XXM-XM*XM>               = 0.75390
CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.17321
```

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY H/P PROJECT *****

X : MAXIMUM WATER LEVEL AT PROME UNIT= (M) .

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	30.240	27.430	829.483	57.670	11.070	-0.454	-24.375
2	29.630	27.550	816.306	57.180	-2.107	0.036	-58.776
						TOTAL BI =	-83.151
						MEAN B =	-41.575
						B =	0.0

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

LOG(X + 0.0) = 1.45649 + 0.01714 * E

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.0171	0.0	1.4565	28.608	0.0	28.608
3	0.3045	0.0171	0.0052	1.4617	28.954	0.0	28.954
4	0.4769	0.0171	0.0082	1.4647	29.151	0.0	29.151
5	0.5951	0.0171	0.0102	1.4667	29.288	0.0	29.288
6	0.6858	0.0171	0.0118	1.4682	29.393	0.0	29.393
7	0.7547	0.0171	0.0129	1.4694	29.473	0.0	29.473
8	0.8134	0.0171	0.0139	1.4704	29.541	0.0	29.541
9	0.8634	0.0171	0.0148	1.4713	29.599	0.0	29.599
10	0.9062	0.0171	0.0155	1.4720	29.649	0.0	29.649
11	0.9442	0.0171	0.0162	1.4727	29.694	0.0	29.694
12	0.9780	0.0171	0.0168	1.4732	29.734	0.0	29.734
13	1.0084	0.0171	0.0173	1.4738	29.769	0.0	29.769
14	1.0361	0.0171	0.0178	1.4742	29.802	0.0	29.802
15	1.0614	0.0171	0.0182	1.4747	29.832	0.0	29.832
20	1.1630	0.0171	0.0199	1.4764	29.951	0.0	29.951
25	1.2380	0.0171	0.0212	1.4777	30.040	0.0	30.040
30	1.2967	0.0171	0.0222	1.4787	30.110	0.0	30.110
35	1.3453	0.0171	0.0231	1.4795	30.168	0.0	30.168
40	1.3860	0.0171	0.0238	1.4802	30.216	0.0	30.216
45	1.4213	0.0171	0.0244	1.4808	30.258	0.0	30.258
50	1.4520	0.0171	0.0249	1.4814	30.295	0.0	30.295
60	1.5047	0.0171	0.0258	1.4823	30.358	0.0	30.358
70	1.5481	0.0171	0.0265	1.4830	30.410	0.0	30.410
80	1.5849	0.0171	0.0272	1.4836	30.454	0.0	30.454
90	1.6168	0.0171	0.0277	1.4842	30.493	0.0	30.493
100	1.6450	0.0171	0.0282	1.4847	30.527	0.0	30.527
150	1.7499	0.0171	0.0300	1.4865	30.653	0.0	30.653
200	1.8215	0.0171	0.0312	1.4877	30.740	0.0	30.740
250	1.8753	0.0171	0.0321	1.4886	30.805	0.0	30.805
300	1.9184	0.0171	0.0329	1.4894	30.858	0.0	30.858

APPENDIX E-16 PROBABILITY ANALYSIS OF DAILY MAXIMUM RAINFALL AT THARRAWADDY

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: DAILY MAXIMUM RAINFALL AT THARRAWADDY UNIT-(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1973	246.000	2.39093	201.831	2.30499	5.31296	96.67	98.28	60516.00	14886936.00
2	1970	205.994	2.31385	161.825	2.20904	4.87988	93.33	94.83	42433.51	8741046.00
3	1960	197.104	2.29469	152.935	2.18451	4.77206	90.00	91.38	38849.97	7657482.00
4	1975	188.000	2.27416	143.831	2.15785	4.65632	86.67	87.93	35344.00	6644672.00
5	1976	185.000	2.26717	140.831	2.14870	4.61690	83.33	84.48	34225.00	6331625.00
6	1961	150.358	2.17716	106.199	2.02612	4.10515	80.00	81.03	22610.52	3399898.00
7	1962	127.254	2.10467	83.085	1.91952	3.68456	76.67	77.59	16193.57	2060696.00
8	1963	122.682	2.08878	78.513	1.89494	3.59079	73.33	74.14	15050.86	1846469.00
9	1948	121.412	2.08426	77.243	1.88786	3.56400	70.00	70.69	14740.86	1789717.00
10	1974	120.000	2.07918	75.831	1.87984	3.53381	66.67	67.24	14400.00	1728000.00
11	1968	118.618	2.07415	74.449	1.87186	3.50384	63.33	63.79	14070.22	1668980.00
12	1954	117.856	2.07135	73.687	1.86739	3.48714	60.00	60.34	13890.03	1637022.00
13	1947	115.316	2.06189	71.147	1.85215	3.43047	56.67	56.90	13297.77	1533445.00
14	1977	112.000	2.04922	67.831	1.83143	3.35412	53.33	53.45	12544.00	1404928.00
15	1964	109.728	2.04032	65.559	1.81663	3.30014	50.00	50.00	12040.23	1321149.00
16	1951	106.426	2.02705	62.257	1.79418	3.21910	46.67	46.55	11326.48	1205432.00
17	1957	104.648	2.01973	60.479	1.78160	3.17410	43.33	43.10	10951.20	1146020.00
18	1952	101.600	2.00689	57.431	1.75914	3.09458	40.00	39.66	10322.55	1048771.00
19	1958	98.552	1.99366	54.383	1.73546	3.01182	36.67	36.21	9712.49	957184.81
20	1953	94.488	1.97538	50.319	1.70173	2.89588	33.33	32.76	8927.98	843586.38
21	1965	93.980	1.97303	49.811	1.69732	2.88090	30.00	29.31	8832.23	830053.19
22	1950	92.964	1.96831	48.795	1.68837	2.85060	26.67	25.86	8642.30	803422.25
23	1955	92.964	1.96831	48.795	1.68837	2.85060	23.33	22.41	8642.30	803422.25
24	1959	86.868	1.93886	42.699	1.63041	2.65825	20.00	18.97	7546.04	655509.50
25	1972	84.000	1.92428	39.831	1.60022	2.56069	16.67	15.52	7056.00	592704.00
26	1956	83.058	1.91938	38.889	1.58982	2.52753	13.33	12.07	6898.63	572985.75
27	1971	78.000	1.89209	33.831	1.52931	2.33879	10.00	8.62	6084.00	474552.00
28	1966	71.882	1.85662	27.713	1.44268	2.08131	6.67	5.17	5167.02	371415.25
29	1969	69.850	1.84417	25.681	1.40960	1.98698	3.33	1.72	4879.02	340799.06
TOTAL		3496.609	59.67941		52.90088	97.92305			475194.06	73297728.00
MEAN	XM =	120.573	2.05791	YM =	1.82417	3.37666 = YYM			16386.00	2527507.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.31881

SX = ROOT<XXM-XM*XM> = 42.99091

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 1.33547

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: DAILY MAXIMUM RAINFALL AT THARRAWADDY UNIT-(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	246.000	69.850	17183.094	315.850	4126.848	-87.322	-47.260
2	205.994	71.882	14807.250	277.876	1751.004	-49.348	-35.483
3	197.104	78.000	15374.105	275.104	2317.859	-46.576	-49.765
						TOTAL BI =	-132.508
						MEAN B =	-44.169
						B =	-44.169

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.3188	0.0	1.8242	66.706	-44.169	110.876
5	0.5951	0.3188	0.1897	2.0139	103.250	-44.169	147.420
10	0.9062	0.3188	0.2889	2.1131	129.740	-44.169	173.909
30	1.2967	0.3188	0.4134	2.2376	172.809	-44.169	216.979
50	1.4520	0.3188	0.4629	2.2871	193.677	-44.169	237.847
100	1.6450	0.3188	0.5244	2.3486	223.156	-44.169	267.326
200	1.8215	0.3188	0.5807	2.4049	254.026	-44.169	298.196
500	2.0350	0.3188	0.6488	2.4729	297.129	-44.169	341.298
1000	2.1850	0.3188	0.6966	2.5208	331.716	-44.169	375.885

APPENDIX E-17 PROBABILITY ANALISIS OF DAILY MAXIMUM RAINFALL AT PROME

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: DAILY MAXIMUM RAINFALL AT PROME UNIT-(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1953	138.684	2.14203	143.980	2.15830	4.65826	96.67	98.28	19233.24	2667341.00
2	1974	131.000	2.11727	136.296	2.13448	4.55601	93.33	94.83	17161.00	2248091.00
3	1973	126.000	2.10037	131.296	2.11825	4.48698	90.00	91.38	15876.00	2000376.00
4	1975	120.000	2.07918	125.296	2.09794	4.40133	86.67	87.93	14400.00	1728000.00
5	1954	117.856	2.07135	123.152	2.09044	4.36994	83.33	84.48	13890.03	1637022.00
6	1951	116.078	2.06475	121.374	2.08412	4.34357	80.00	81.03	13474.09	1564045.00
7	1969	115.062	2.06093	120.358	2.08047	4.32837	76.67	77.59	13239.25	1523334.00
8	1961	112.522	2.05124	117.818	2.07121	4.28991	73.33	74.14	12661.19	1424662.00
9	1962	107.950	2.03322	113.246	2.05402	4.21900	70.00	70.69	11653.19	1257961.00
10	1976	107.000	2.02938	112.296	2.05036	4.20399	66.67	67.24	11449.00	1225043.00
11	1965	99.060	1.99590	104.356	2.01852	4.07440	63.33	63.79	9812.88	972063.06
12	1952	98.044	1.99142	103.340	2.01427	4.05727	60.00	60.34	9612.62	942459.56
13	1955	95.250	1.97886	100.546	2.00236	4.00946	56.67	56.90	9072.55	864160.50
14	1971	93.000	1.96848	98.296	1.99253	3.97019	53.33	53.45	8649.00	804357.00
15	1956	84.582	1.92728	89.878	1.95365	3.81675	50.00	50.00	7154.11	605108.63
16	1964	84.582	1.92728	89.878	1.95365	3.81675	46.67	46.55	7154.11	605108.63
17	1960	83.820	1.92335	89.116	1.94995	3.80232	43.33	43.10	7025.79	588901.13
18	1963	68.834	1.83780	74.130	1.86999	3.49687	40.00	39.66	4738.12	326143.44
19	1948	65.786	1.81813	71.082	1.85176	3.42900	36.67	36.21	4327.79	284708.06
20	1968	64.008	1.80623	69.304	1.84076	3.38838	33.33	32.76	4097.02	262241.94
21	1966	62.992	1.79928	68.288	1.83434	3.36481	30.00	29.31	3967.99	249951.44
22	1967	62.992	1.79928	68.288	1.83434	3.36481	26.67	25.86	3967.99	249951.44
23	1958	61.976	1.79222	67.272	1.82783	3.34097	23.33	22.41	3841.02	238051.13
24	1977	61.000	1.78533	66.296	1.82148	3.31781	20.00	18.97	3721.00	226981.00
25	1957	60.452	1.78141	65.748	1.81788	3.30469	16.67	15.52	3654.44	220918.25
26	1970	59.944	1.77775	65.240	1.81451	3.29245	13.33	12.07	3593.28	215395.56
27	1972	56.000	1.74819	61.296	1.78743	3.19491	10.00	8.62	3136.00	175616.00
28	1959	55.880	1.74726	61.176	1.78658	3.19186	6.67	5.17	3122.57	174489.19
29	1947	47.752	1.67899	53.048	1.72467	2.97447	3.33	1.72	2280.25	108886.50
TOTAL		2558.103	55.83403		56.63591	111.06532			245964.88	25391232.00
MEAN	XM =	88.210	1.92511	YM =	1.95296	3.82984 = YYM			8481.55	875559.69

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.18078

SX = ROOT<XXM-XM*XM> = 26.46629

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.20610

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: DAILY MAXIMUM RAINFALL AT PROME UNIT-(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	138.684	47.752	6622.434	186.436	-467.152	-18.037	25.900
2	131.000	55.880	7320.273	186.880	230.688	-18.481	-12.483
3	126.000	56.000	7056.000	182.000	-33.586	-13.601	2.469
						TOTAL BI =	15.887
						MEAN B =	5.296
						B =	5.296

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.1808	0.0	1.9530	89.735	5.296	84.439
5	0.5951	0.1808	0.1076	2.0605	114.959	5.296	109.664
10	0.9062	0.1808	0.1638	2.1168	130.854	5.296	125.558
30	1.2967	0.1808	0.2344	2.1874	153.950	5.296	148.654
50	1.4520	0.1808	0.2625	2.2155	164.231	5.296	158.936
100	1.6450	0.1808	0.2974	2.2503	177.970	5.296	172.674
200	1.0215	0.1808	0.3293	2.2823	191.538	5.296	186.242
500	2.0350	0.1808	0.3679	2.3209	209.340	5.296	204.044
1000	2.1850	0.1808	0.3950	2.3480	222.828	5.296	217.532

APPENDIX E-18 PROBABILITY ANALYSIS OF DAILY MAXIMUM RAINFALL AT HENZADA

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: DAILY MAXIMUM RAINFALL AT HENZADA UNIT (M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1961	231.048	2.36483	178.194	2.25089	5.06651	96.15	98.00	53660.77	12430407.00
2	1976	155.000	2.19033	101.546	2.00666	4.02669	92.31	94.00	24025.00	3723875.00
3	1955	154.940	2.19016	101.486	2.00640	4.02566	88.46	90.00	24006.39	3719548.00
4	1969	152.400	2.18298	98.946	1.99540	3.98160	84.62	86.00	23225.75	3539602.00
5	1973	139.000	2.14301	85.546	1.93220	3.73339	80.77	82.00	19321.00	2685619.00
6	1952	134.366	2.12829	80.912	1.90801	3.64050	76.92	78.00	18054.21	2425871.00
7	1962	127.762	2.10640	74.308	1.87103	3.50076	73.08	74.00	16323.12	2085473.00
8	1964	121.920	2.08607	68.466	1.83547	3.36896	69.23	70.00	14864.48	1812276.00
9	1963	118.110	2.07229	64.656	1.81061	3.27829	65.38	66.00	13949.96	1647629.00
10	1951	114.554	2.05901	61.100	1.78604	3.18993	61.54	62.00	13122.61	1503247.00
11	1956	104.140	2.01762	50.686	1.70488	2.90663	57.69	58.00	10845.13	1129411.00
12	1953	99.060	1.99590	45.606	1.65902	2.75234	53.85	54.00	9812.88	972063.06
13	1968	98.044	1.99142	44.590	1.64923	2.71997	50.00	50.00	9612.62	942459.56
14	1975	96.000	1.98227	42.546	1.62885	2.65316	46.15	46.00	9216.00	884736.00
15	1977	96.000	1.98227	42.546	1.62885	2.65316	42.31	42.00	9216.00	884736.00
16	1970	94.996	1.97771	41.542	1.61848	2.61949	38.46	38.00	9024.23	857265.88
17	1959	91.694	1.96234	38.240	1.58251	2.50434	34.62	34.00	8407.78	770942.81
18	1971	90.000	1.95424	36.546	1.56283	2.44245	30.77	30.00	8100.00	729000.00
19	1960	88.138	1.94516	34.684	1.54012	2.37198	26.92	26.00	7768.30	684682.25
20	1958	84.836	1.92858	31.382	1.49667	2.24003	23.08	22.00	7197.14	610576.38
21	1950	84.074	1.92466	30.620	1.48600	2.20819	19.23	18.00	7068.43	594270.94
22	1948	83.820	1.92335	30.366	1.48238	2.19745	15.38	14.00	7025.79	588901.13
23	1966	82.804	1.91805	29.350	1.46760	2.15385	11.54	10.00	6856.50	567745.06
24	1972	80.000	1.90309	26.546	1.42399	2.02775	7.69	6.00	6400.00	512000.00
25	1974	76.000	1.88081	22.546	1.35306	1.83077	3.85	2.00	5776.00	438976.00
TOTAL		2799.304	50.81073		42.68709	74.09370			342879.44	46741168.00
MEAN	XM =	111.972	2.03243	YM =	1.70748	2.96375 = YYM			13715.18	1869646.00

K = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.31705

SX = ROOT<XXM-XM*XM> = 34.31340

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 1.73890

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: DAILY MAXIMUM RAINFALL AT HENZADA UNIT-(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	231.648	76.000	17605.242	307.648	5994.594	-92.142	-65.058
2	155.000	80.000	12400.000	235.000	789.352	-19.495	-40.491
3	154.940	82.804	12829.641	237.744	1218.992	-22.238	-54.815
						TOTAL BI =	-160.363
						MEAN B =	-53.454
						B =	-53.454

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.3170	0.0	1.7075	50.990	-53.454	104.444
5	0.5951	0.3170	0.1887	1.8962	78.733	-53.454	132.188
10	0.9062	0.3170	0.2873	1.9948	98.808	-53.454	152.262
30	1.2967	0.3170	0.4111	2.1186	131.401	-53.454	184.855
50	1.4520	0.3170	0.4604	2.1678	147.176	-53.454	200.630
100	1.6450	0.3170	0.5215	2.2290	169.444	-53.454	222.898
200	1.8215	0.3170	0.5775	2.2850	192.745	-53.454	246.200
500	2.0350	0.3170	0.6452	2.3527	225.255	-53.454	278.709
1000	2.1850	0.3170	0.6927	2.4002	251.322	-53.454	304.776

APPENDIX E-19 PROBABILITY ANALYSIS OF SUCCESSIVE 2 DAYS MAXIMUM RAINFALL AT THARRAWADDY

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT THARRAWADDY UNIT -(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1973	297.000	2.47276	214.655	2.33174	5.43702	96.67	98.28	88209.00	26198064.00
2	1970	249.936	2.39783	167.591	2.22425	4.94730	93.33	94.83	62467.97	15612991.00
3	1976	240.000	2.38021	157.655	2.19771	4.82992	90.00	91.38	57600.00	13824000.00
4	1975	239.000	2.37840	156.655	2.19495	4.81778	86.67	87.93	57121.00	13651919.00
5	1960	210.820	2.32391	128.475	2.10882	4.44712	83.33	84.48	44445.05	9369902.00
6	1963	186.182	2.26994	103.837	2.01635	4.06568	80.00	81.03	34663.71	6453757.00
7	1961	174.752	2.24242	92.407	1.96571	3.86400	76.67	77.59	30538.24	5336617.00
8	1957	171.958	2.23542	89.613	1.95237	3.81176	73.33	74.14	29569.54	5084716.00
9	1951	161.290	2.20761	78.945	1.89733	3.59985	70.00	70.69	26014.45	4195868.00
10	1962	161.290	2.20761	78.945	1.89733	3.59985	66.67	67.24	26014.45	4195868.00
11	1952	152.908	2.18443	70.563	1.84858	3.41724	63.33	63.79	23380.84	3575117.00
12	1953	152.400	2.18298	70.055	1.84544	3.40565	60.00	60.34	23225.75	3539602.00
13	1948	151.130	2.17935	68.785	1.83750	3.37639	56.67	56.90	22840.26	3451847.00
14	1968	143.002	2.15534	60.657	1.78288	3.17867	53.33	53.45	20449.56	2924327.00
15	1971	143.000	2.15534	60.655	1.78287	3.17862	50.00	50.00	20449.00	2924207.00
16	1954	142.748	2.15457	60.403	1.78106	3.17218	46.67	46.55	20376.98	2908771.00
17	1977	138.000	2.13988	55.655	1.74551	3.04679	43.33	43.10	19044.00	2628072.00
18	1956	134.366	2.12829	52.021	1.71618	2.94528	40.00	39.66	18054.21	2425870.00
19	1974	133.000	2.12385	50.655	1.70463	2.90575	36.67	36.21	17689.00	2352637.00
20	1947	132.842	2.12333	50.497	1.70327	2.90112	33.33	32.76	17646.98	2344259.00
21	1958	130.302	2.11495	47.957	1.68085	2.82527	30.00	29.31	16978.60	2212344.00
22	1959	128.524	2.10898	46.179	1.66445	2.77039	26.67	25.86	16518.41	2123011.00
23	1964	127.508	2.10554	45.163	1.65479	2.73832	23.33	22.41	16258.27	2073059.00
24	1965	120.396	2.08061	38.051	1.58037	2.49757	20.00	18.97	14495.19	1745162.00
25	1972	117.000	2.06819	34.655	1.53977	2.37089	16.67	15.52	13689.00	1601613.00
26	1955	113.792	2.05611	31.447	1.49758	2.24276	13.33	12.07	12948.61	1473447.00
27	1966	112.268	2.05026	29.923	1.47601	2.17861	10.00	8.62	12604.09	1415035.00
28	1950	110.998	2.04531	28.653	1.45718	2.12336	6.67	5.17	12320.54	1367555.00
29	1969	107.950	2.03322	25.605	1.40833	1.98340	3.33	1.72	11653.19	1257961.00
TOTAL		4584.340	63.30644		52.49367	96.67834			787265.25	148267344.00
MEAN	XM =	158.081	2.18298	YM =	1.81013	3.33374 = YYM			27147.07	5112667.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.34415

SX = ROOT<XXM-XM*XM> = 46.44876

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 1.38826

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT THARRAWADDY UNIT - (M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	297.000	107.950	32061.133	404.950	8835.922	-100.154	-88.224
2	249.936	110.998	27742.375	360.934	4517.164	-56.137	-80.466
3	240.000	112.268	26944.309	352.268	3719.098	-47.471	-78.344
						TOTAL BI =	-247.034
						MEAN B =	-82.345
						B =	-82.345

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	I	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.3442	0.0	1.8101	64.584	-82.345	146.929
5	0.5951	0.3442	0.2048	2.0149	103.498	-82.345	185.842
10	0.9062	0.3442	0.3119	2.1220	132.433	-82.345	214.778
30	1.2967	0.3442	0.4463	2.2564	180.463	-82.345	262.807
50	1.4520	0.3442	0.4997	2.3098	204.096	-82.345	286.441
100	1.6450	0.3442	0.5661	2.3763	237.824	-82.345	320.169
200	1.8215	0.3442	0.6269	2.4370	273.526	-82.345	355.871
500	2.0350	0.3442	0.7004	2.5105	323.948	-82.345	406.292
1000	2.1850	0.3442	0.7520	2.5621	364.837	-82.345	447.181

APPENDIX E-20 PROBABILITY ANALYSIS OF SUCCESSIVE 2 DAYS MAXIMUM RAINFALL AT PROME

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT PROME UNIT-(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1962	178.054	2.25055	200.419	2.30194	5.29891	96.67	98.28	31703.20	5644880.00
2	1971	178.000	2.25042	200.365	2.30182	5.29838	93.33	94.83	31684.00	5639752.00
3	1974	176.000	2.24551	198.365	2.29746	5.27834	90.00	91.38	30976.00	5451776.00
4	1973	165.000	2.21748	187.365	2.27269	5.16511	86.67	87.93	27225.00	4492125.00
5	1965	157.988	2.19862	180.353	2.25612	5.09008	83.33	84.48	24960.19	3943408.00
6	1969	150.114	2.17642	172.479	2.23673	5.00298	80.00	81.03	22534.20	3382697.00
7	1953	148.590	2.17199	170.955	2.23288	4.98575	76.67	77.59	22078.97	3280713.00
8	1976	136.000	2.13354	158.365	2.19966	4.83849	73.33	74.14	18496.00	2515456.00
9	1961	135.890	2.13319	158.255	2.19936	4.83717	70.00	70.69	18466.08	2509354.00
10	1952	130.810	2.11664	153.175	2.18519	4.77504	66.67	67.24	17111.25	2238321.00
11	1975	128.000	2.10721	150.365	2.17715	4.73996	63.33	63.79	16384.00	2097152.00
12	1951	124.968	2.09680	147.333	2.16830	4.70152	60.00	60.34	15616.99	1951623.00
13	1954	120.142	2.07969	142.507	2.15383	4.63900	56.67	56.90	14434.09	1734139.00
14	1956	113.284	2.05417	135.649	2.13241	4.54719	53.33	53.45	12833.25	1453801.00
15	1964	113.284	2.05417	135.649	2.13241	4.54719	50.00	50.00	12833.25	1453801.00
16	1957	111.506	2.04730	133.871	2.12668	4.52279	46.67	46.55	12433.57	1386417.00
17	1960	108.204	2.03424	130.569	2.11584	4.47677	43.33	43.10	11708.10	1266862.00
18	1948	105.410	2.02288	127.775	2.10644	4.43710	40.00	39.66	11111.26	1171237.00
19	1959	100.076	2.00033	122.441	2.08792	4.35943	36.67	36.21	10015.20	1002280.25
20	1955	95.504	1.98002	117.869	2.07140	4.29069	33.33	32.76	9121.00	871092.00
21	1963	91.694	1.96234	114.059	2.05713	4.23177	30.00	29.31	8407.78	770942.81
22	1968	89.154	1.95014	111.519	2.04735	4.19163	26.67	25.86	7948.43	708633.63
23	1967	84.074	1.92466	106.439	2.02710	4.10913	23.33	22.41	7068.43	594270.81
24	1958	76.962	1.88628	99.327	1.99706	3.98827	20.00	18.97	5923.14	455856.88
25	1977	73.000	1.86332	95.365	1.97939	3.91797	16.67	15.52	5329.00	389017.00
26	1970	71.882	1.85662	94.247	1.97427	3.89772	13.33	12.07	5167.02	371415.25
27	1966	66.548	1.82313	88.913	1.94896	3.79845	10.00	8.62	4428.63	294716.25
28	1947	66.294	1.82147	88.659	1.94772	3.79361	6.67	5.17	4394.89	291354.75
29	1972	66.000	1.81954	88.365	1.94628	3.78800	3.33	1.72	4356.00	287496.00
TOTAL		3362.429	59.27850		61.68130	131.54826			424748.44	57650400.00
MEAN	XM =	115.946	2.04409		YM = 2.12694	4.53615 = YYM			14646.50	1987944.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.15942

SX = ROOT<XXM-XM*XM> = 34.68524

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.25793

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT PROME UNIT -(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	178.054	66.000	11751.559	244.054	-499.387	-22.686	22.013
2	178.000	66.294	11800.324	244.294	-450.621	-22.926	19.655
3	176.000	66.548	11712.441	242.548	-538.504	-21.180	25.425
						TOTAL BI =	67.094
						MEAN B =	22.365
						B =	22.365

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.1594	0.0	2.1269	133.949	22.365	111.585
5	0.5951	0.1594	0.0949	2.2218	166.653	22.365	144.289
10	0.9062	0.1594	0.1445	2.2714	186.814	22.365	164.450
30	1.2967	0.1594	0.2067	2.3337	215.609	22.365	193.244
50	1.4520	0.1594	0.2315	2.3584	228.257	22.365	205.893
100	1.6450	0.1594	0.2623	2.3892	245.016	22.365	222.651
200	1.8215	0.1594	0.2904	2.4173	261.416	22.365	239.051
500	2.0350	0.1594	0.3244	2.4514	282.729	22.365	260.364
1000	2.1850	0.1594	0.3483	2.4753	298.733	22.365	276.368

APPENDIX E-21 PROBABILITY ANALYSIS OF SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT HENZADA

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT HENZADA UNIT -(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1961	278.638	2.44504	228.012	2.35796	5.55996	96.15	98.00	77639.06	21633184.00
2	1976	240.000	2.38021	189.374	2.27732	5.18619	92.31	94.00	57600.00	13824000.00
3	1964	204.470	2.31063	153.844	2.18708	4.78332	88.46	90.00	41807.95	8548469.00
4	1973	202.000	2.30535	151.374	2.18005	4.75262	84.62	86.00	40804.00	8242408.00
5	1963	199.390	2.29970	148.764	2.17250	4.71974	80.77	82.00	39756.34	7927014.00
6	1955	187.960	2.27407	137.334	2.13778	4.57009	76.92	78.00	35328.94	6640425.00
7	1959	174.752	2.24242	124.126	2.09386	4.38426	73.08	74.00	30538.24	5336616.00
8	1953	168.156	2.22700	118.030	2.07199	4.29315	69.23	70.00	28444.82	4797388.00
9	1969	168.148	2.22569	117.522	2.07012	4.28539	65.38	66.00	28273.73	4754169.00
10	1951	167.640	2.22438	117.014	2.06824	4.27761	61.54	62.00	28103.15	4711211.00
11	1962	162.560	2.21101	111.934	2.04896	4.19824	57.69	58.00	26425.73	4295766.00
12	1971	160.000	2.20412	109.374	2.03891	4.15717	53.85	54.00	25600.00	4096000.00
13	1977	148.000	2.17026	97.374	1.98844	3.95390	50.00	50.00	21904.00	3241792.00
14	1952	144.272	2.15918	93.646	1.97149	3.88677	46.15	46.00	20814.39	3002933.00
15	1968	130.048	2.11410	79.422	1.89994	3.60977	42.31	42.00	16912.47	2199432.00
16	1960	129.286	2.11155	78.660	1.89575	3.59388	38.46	38.00	16714.86	2160995.00
17	1970	127.000	2.10380	76.374	1.88295	3.54548	34.62	34.00	16128.99	2048380.00
18	1956	123.952	2.09325	73.326	1.86526	3.47918	30.77	30.00	15364.09	1904408.00
19	1948	119.126	2.07601	68.500	1.83569	3.36976	26.92	26.00	14190.99	1690515.00
20	1966	116.332	2.06570	65.706	1.81760	3.30368	23.08	22.00	13533.12	1574334.00
21	1958	115.062	2.06093	64.436	1.80913	3.27294	19.23	18.00	13239.25	1523333.00
22	1974	112.000	2.04922	61.374	1.78798	3.19689	15.38	14.00	12544.00	1404928.00
23	1950	111.760	2.04829	61.134	1.78628	3.19080	11.54	10.00	12490.29	1395914.00
24	1975	106.000	2.02531	55.374	1.74331	3.03911	7.69	6.00	11236.00	1191016.00
25	1972	105.000	2.02119	54.374	1.73539	3.01158	3.85	2.00	11025.00	1157625.00
TOTAL		3902.049	54.44827		49.72386	99.62135			656418.88	119302096.00
MEAN	XM =	156.082	2.17793	YM =	1.98895	3.98485 = YYM			26256.75	4772083.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.24545

SX = ROOT<XXM-XM*XM> = 43.53371

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.99718

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 2 DAY MAXIMUM RAINFALL AT HENZADA UNIT -(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-X0**2	XI+XS	2*X0-(XI+XS)	BI
1	278.638	105.000	29256.980	383.638	6565.625	-82.365	-79.714
2	240.000	106.000	25440.000	346.000	2748.645	-44.727	-61.454
3	204.470	111.760	22851.551	316.230	160.195	-14.957	-10.711
						TOTAL BI =	-151.878
						MEAN B =	-50.626
						B =	-50.626

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A*YM+E*R	C=10**A	B	X=C-B
2	0.0	0.2455	0.0	1.9890	97.488	-50.626	148.114
5	0.5951	0.2455	0.1461	2.1350	136.465	-50.626	187.091
10	0.9062	0.2455	0.2224	2.2114	162.697	-50.626	213.323
30	1.2967	0.2455	0.3183	2.3072	202.875	-50.626	253.501
50	1.4520	0.2455	0.3564	2.3453	221.487	-50.626	272.113
100	1.6450	0.2455	0.4038	2.3927	247.013	-50.626	297.639
200	1.8215	0.2455	0.4471	2.4360	272.924	-50.626	323.550
500	2.0350	0.2455	0.4995	2.4884	307.925	-50.626	358.551
1000	2.1850	0.2455	0.5363	2.5253	335.168	-50.626	385.794

APPENDIX E-22 PROBABILITY ANALYSIS OF SUCCESIVE 3 DAY MAXIMUM RAINFALL AT THARRAWADDY

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 3 DAY MAXIMUM RAINFALL AT THARRAWADDY UNIT -(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1973	343.000	2.53529	262.644	2.41937	5.85334	96.67	98.28	117649.00	40353600.00
2	1976	291.000	2.46389	210.644	2.32355	5.39888	93.33	94.83	84681.00	24642160.00
3	1970	288.036	2.45945	207.680	2.31739	5.37032	90.00	91.38	82964.63	23896784.00
4	1975	241.000	2.38202	160.644	2.20586	4.86584	86.67	87.93	58081.00	13997521.00
5	1963	227.838	2.35763	147.482	2.16874	4.70343	83.33	84.48	51910.13	11827095.00
6	1960	223.774	2.34981	143.418	2.15660	4.65094	80.00	81.03	50074.77	11205429.00
7	1957	220.980	2.34435	140.624	2.14806	4.61415	76.67	77.59	48832.13	10790920.00
8	1971	207.000	2.31597	126.644	2.10258	4.42086	73.33	74.14	42849.00	8869743.00
9	1951	198.374	2.29748	118.018	2.07195	4.29296	70.00	70.69	39352.21	7806453.00
10	1962	180.848	2.25731	100.492	2.00213	4.00853	66.67	67.24	32705.97	5914807.00
11	1961	180.594	2.25670	100.238	2.00103	4.00412	63.33	63.79	32614.17	5889922.00
12	1952	179.324	2.25364	98.968	1.99549	3.98200	60.00	60.34	32157.07	5766533.00
13	1968	178.054	2.25055	97.698	1.98988	3.95964	56.67	56.90	31703.20	5644880.00
14	1956	168.148	2.22569	87.792	1.94345	3.77701	53.33	53.45	28273.73	4754168.00
15	1959	166.370	2.22108	86.014	1.93457	3.74255	50.00	50.00	27678.96	4604946.00
16	1954	165.608	2.21908	85.252	1.93070	3.72761	46.67	46.55	27425.99	4541961.00
17	1958	159.766	2.20348	79.410	1.89987	3.60952	43.33	43.10	25525.16	4078050.00
18	1948	159.258	2.20210	78.902	1.89709	3.59894	40.00	39.66	25363.09	4039274.00
19	1965	155.194	2.19088	74.838	1.87412	3.51233	36.67	36.21	24085.16	3737871.00
20	1974	154.000	2.18752	73.644	1.86714	3.48620	33.33	32.76	23716.00	3652264.00
21	1972	153.000	2.18469	72.644	1.86120	3.46406	30.00	29.31	23409.00	3581577.00
22	1977	153.000	2.18469	72.644	1.86120	3.46406	26.67	25.86	23409.00	3581577.00
23	1953	152.908	2.18443	72.552	1.86065	3.46201	23.33	22.41	23380.84	3575117.00
24	1947	146.304	2.16526	65.948	1.81920	3.30949	20.00	18.97	21404.84	3131612.00
25	1964	141.986	2.15224	61.630	1.78979	3.20335	16.67	15.52	20160.01	2862437.00
26	1966	141.732	2.15147	61.376	1.78800	3.19693	13.33	12.07	20087.95	2847103.00
27	1955	125.730	2.09944	45.374	1.65681	2.74500	10.00	8.62	15808.02	1987541.00
28	1969	124.460	2.09503	44.104	1.64448	2.70430	6.67	5.17	15490.28	1927919.00
29	1950	119.380	2.07693	39.024	1.59133	2.53233	3.33	1.72	14251.57	1701352.00
TOTAL		5346.645	65.26790		57.12209	113.66046			1065042.00	231210416.00
MEAN	XM =	184.367	2.25062	YM =	1.96973	3.91933 = YYM			36725.59	7972772.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.28606

SX = ROOT<XXM-XM*XM> = 52.29128

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 1.35349

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 3 DAY MAXIMUM RAINFALL AT THARRAWADDY UNIT (M M)

***** B - VALUE *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	343.000	119.380	40947.324	462.380	9234.660	-106.219	-86.940
2	291.000	124.460	36217.844	415.460	4505.180	-59.299	-75.974
3	288.036	125.730	36214.734	413.766	4502.070	-57.605	-78.155
						TOTAL BI =	-241.068
						MEAN B =	-80.356
						B =	-80.356

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.2861	0.0	1.9697	93.267	-80.356	173.623
5	0.5951	0.2861	0.1702	2.1400	138.025	-80.356	218.381
10	0.9062	0.2861	0.2592	2.2289	169.414	-80.356	249.770
30	1.2967	0.2861	0.3709	2.3407	219.106	-80.356	299.462
50	1.4520	0.2861	0.4154	2.3851	242.704	-80.356	323.061
100	1.6450	0.2861	0.4706	2.4403	275.605	-80.356	355.961
200	1.8215	0.2861	0.5211	2.4908	309.582	-80.356	389.938
500	2.0350	0.2861	0.5821	2.5518	356.327	-80.356	436.683
1000	2.1850	0.2861	0.6250	2.5948	393.329	-80.356	473.685

APPENDIX E-23 PROBABOLITY ANALYSIS OF SUCCESIVE 3 DAY MAXIMUM RAINFALL AT PROME

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 3 DAY MAXIMUM RAINFALL AT PROME UNIT (M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1969	221.234	2.34485	223.583	2.34944	5.51987	96.67	98.28	48944.45	10828172.00
2	1974	202.000	2.30535	204.349	2.31037	5.33782	93.33	94.83	40804.00	8242408.00
3	1971	198.000	2.29667	200.349	2.30179	5.29823	90.00	91.38	39204.00	7762392.00
4	1962	196.596	2.29357	198.945	2.29873	5.28418	86.67	87.93	38649.96	7598424.00
5	1973	185.000	2.26717	187.349	2.27265	5.16495	83.33	84.48	34225.00	6331625.00
6	1960	181.102	2.25792	183.451	2.26352	5.12352	80.00	81.03	32797.91	5939765.00
7	1965	159.766	2.20348	162.115	2.20982	4.88332	76.67	77.59	25525.15	4078049.00
8	1953	154.432	2.18874	156.781	2.19529	4.81932	73.33	74.14	23849.22	3683081.00
9	1957	153.162	2.18515	155.511	2.19176	4.80382	70.00	70.69	23458.58	3592961.00
10	1961	143.764	2.15765	146.113	2.16469	4.68588	66.67	67.24	20668.07	2971323.00
11	1976	142.000	2.15229	144.349	2.15941	4.66307	63.33	63.79	20164.00	2863288.00
12	1951	139.700	2.14520	142.049	2.15244	4.63299	60.00	60.34	19516.07	2726394.00
13	1956	137.160	2.13723	139.509	2.14460	4.59932	56.67	56.90	18812.85	2580369.00
14	1964	137.160	2.13723	139.509	2.14460	4.59932	53.33	53.45	18812.85	2580369.00
15	1952	130.810	2.11664	133.159	2.12437	4.51295	50.00	50.00	17111.25	2238321.00
16	1975	130.000	2.11394	132.349	2.12172	4.50171	46.67	46.55	16900.00	2197000.00
17	1963	126.492	2.10206	128.841	2.11005	4.45233	43.33	43.10	16000.21	2023898.00
18	1954	123.698	2.09236	126.047	2.10053	4.41224	40.00	39.66	15301.18	1892725.00
19	1948	120.396	2.08061	122.745	2.08900	4.36394	36.67	36.21	14495.18	1745161.00
20	1955	108.204	2.03424	110.553	2.04357	4.17618	33.33	32.76	11708.10	1266862.00
21	1970	106.934	2.02912	109.283	2.03855	4.15570	30.00	29.31	11434.87	1222776.00
22	1959	102.362	2.01014	104.711	2.01999	4.08037	26.67	25.86	10477.97	1072545.00
23	1967	93.980	1.97103	96.329	1.98376	3.93530	23.33	22.41	8832.23	830052.56
24	1958	92.456	1.96593	94.805	1.97683	3.90787	20.00	18.97	8548.10	790322.94
25	1968	92.202	1.96474	94.551	1.97567	3.90326	16.67	15.52	8501.20	783827.13
26	1966	87.122	1.94013	89.471	1.95168	3.80907	13.33	12.07	7590.23	661276.06
27	1947	86.360	1.93631	88.709	1.94797	3.79458	10.00	8.62	7458.04	644076.31
28	1977	86.000	1.93450	88.349	1.94620	3.78771	6.67	5.17	7396.00	636056.00
29	1972	68.000	1.83251	70.349	1.84726	3.41237	3.33	1.72	4624.00	314432.00
TOTAL		3906.089	61.19864		61.43616	130.62100			571809.94	90097776.00
MEAN	XM =	134.693	2.11030	YM =	2.11849	4.50417 = YYM			19717.58	3106819.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.18309

SX = ROOT<XXP-XM*XM> = 39.69206

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.42534

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 3 DAY MAXIMUM RAINFALL AT PROME UNIT (M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	221.234	60.000	15043.906	289.234	-1574.648	-31.408	50.135
2	202.000	86.000	17372.000	288.000	753.445	-30.174	-24.970
3	198.000	86.360	17099.273	284.360	480.719	-26.534	-18.117
						TOTAL BI =	7.048
						MEAN B =	2.349
						B =	2.349

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.1831	0.0	2.1185	131.367	2.349	129.018
5	0.5951	0.1831	0.1090	2.2274	168.828	2.349	166.479
10	0.9062	0.1831	0.1659	2.2844	192.489	2.349	190.140
30	1.2967	0.1831	0.2374	2.3559	226.937	2.349	224.587
50	1.4520	0.1831	0.2659	2.3843	242.292	2.349	239.943
100	1.6450	0.1831	0.3012	2.4197	262.831	2.349	260.482
200	1.8215	0.1831	0.3335	2.4520	283.135	2.349	280.785
500	2.0350	0.1831	0.3726	2.4911	309.801	2.349	307.452
1000	2.1850	0.1831	0.4001	2.5185	330.026	2.349	327.677

APPENDIX E-24 PROBABILITY ANALYSIS OF SUCCESIVE 3 DAY MAXIMUM RAINFALL AT HENZADA

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 3 DAY MAXIMUM RAINFALL AT HENZADA UNIT (M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1961	300.990	2.47855	247.221	2.39308	5.72685	96.15	98.00	90594.81	27268096.00
2	1976	263.000	2.41996	209.231	2.32063	5.38530	92.31	94.00	69169.00	18191440.00
3	1973	251.000	2.39967	197.231	2.29497	5.26691	88.46	90.00	63001.00	15813251.00
4	1963	250.190	2.39827	196.421	2.29319	5.25871	84.62	86.00	62595.00	15660637.00
5	1964	249.428	2.39694	195.659	2.29150	5.25097	80.77	82.00	62214.29	15517979.00
6	1959	226.822	2.35568	173.053	2.23818	5.00944	76.92	78.00	51448.18	11669574.00
7	1971	226.000	2.35411	172.231	2.23611	5.00019	73.08	74.00	51076.00	11543176.00
8	1951	222.250	2.34684	168.481	2.22655	4.95753	69.23	70.00	49395.04	10978043.00
9	1953	196.850	2.29414	143.081	2.15558	4.64653	65.38	66.00	38749.89	7627914.00
10	1955	187.960	2.27407	134.191	2.12772	4.52720	61.54	62.00	35328.94	6640425.00
11	1962	180.086	2.25548	126.317	2.10146	4.41614	57.69	58.00	32430.94	5840356.00
12	1968	176.530	2.24682	122.761	2.08906	4.36417	53.85	54.00	31162.82	5501170.00
13	1975	172.000	2.23553	118.231	2.07213	4.29621	50.00	50.00	29584.00	5088448.00
14	1977	171.000	2.23300	117.231	2.06904	4.28093	46.15	46.00	29241.00	5000211.00
15	1969	170.942	2.23285	117.173	2.06883	4.28004	42.31	42.00	29221.14	4995119.00
16	1960	169.672	2.22961	115.903	2.06409	4.26048	38.46	38.00	28788.56	4884611.00
17	1972	167.000	2.22272	113.231	2.05396	4.21877	34.62	34.00	27889.00	4657463.00
18	1956	160.020	2.20417	106.251	2.02633	4.10602	30.77	30.00	25606.38	4097531.00
19	1952	155.194	2.19088	101.425	2.00614	4.02461	26.92	26.00	24085.16	3737871.00
20	1948	152.908	2.18443	99.139	1.99624	3.98499	23.08	22.00	23380.84	3575115.00
21	1970	144.018	2.15842	90.249	1.95544	3.82375	19.23	18.00	20741.17	2987100.00
22	1950	140.208	2.14677	86.439	1.93671	3.75084	15.38	14.00	19658.27	2756245.00
23	1974	137.000	2.13672	83.231	1.92028	3.68749	11.54	10.00	18769.00	2571353.00
24	1958	134.620	2.12911	80.851	1.90768	3.63926	7.69	6.00	18122.53	2439653.00
25	1966	134.620	2.12911	80.851	1.90768	3.63926	3.85	2.00	18122.53	2439653.00
TOTAL		4740.297	56.65369		52.75305	111.80243			950375.06	201482256.00
MEAN	XM =	189.612	2.26615	YM =	2.11012	4.47210 = YYM			38015.00	8059290.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.20147

SX = ROOT<XXM-XM*XM> = 45.41302

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.73799

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 3 DAY MAXIMUM RAINFALL AT HENZADA UNIT (M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	300.990	134.620	40519.223	435.610	6455.523	-66.483	-97.101
2	263.000	134.620	35405.043	397.620	1341.344	-28.493	-47.076
3	251.000	137.000	34387.000	388.000	323.301	-18.873	-17.130
						TOTAL BI =	-161.308
						MEAN B =	-53.769
						B =	-53.769

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.2015	0.0	2.1101	128.861	-53.769	182.630
5	0.5951	0.2015	0.1199	2.2300	169.831	-53.769	223.600
10	0.9062	0.2015	0.1826	2.2927	196.198	-53.769	249.967
30	1.2967	0.2015	0.2612	2.3714	235.163	-53.769	288.932
50	1.4520	0.2015	0.2925	2.4027	252.730	-53.769	306.499
100	1.6450	0.2015	0.3314	2.4415	276.402	-53.769	330.171
200	1.8215	0.2015	0.3670	2.4771	299.986	-53.769	353.755
500	2.0350	0.2015	0.4100	2.5201	331.219	-53.769	384.988
1000	2.1050	0.2015	0.4402	2.5503	355.087	-53.769	408.856

APPENDIX E-25 PROBABILITY ANALYSIS OF SUCCESIVE 6 DAY MAXIMUM RAINFALL AT THARRAWADDY

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 6 DAY MAXIMUM RAINFALL AT THARRAWADDY UNIT -(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1973	371.000	2.56937	358.241	2.55417	6.52381	96.67	98.28	137641.00	51064800.00
2	1970	359.156	2.55528	346.396	2.53957	6.44943	93.33	94.83	128992.81	46328496.00
3	1951	335.026	2.52508	322.267	2.50821	6.29114	90.00	91.38	112242.31	37604064.00
4	1976	319.000	2.50379	306.241	2.48606	6.18050	86.67	87.93	101761.00	32461744.00
5	1963	291.845	2.46515	279.086	2.44574	5.98163	83.33	84.48	85173.75	24857568.00
6	1957	288.544	2.46021	275.784	2.44057	5.95638	80.00	81.03	83257.44	24023408.00
7	1948	277.622	2.44345	264.863	2.42302	5.87103	76.67	77.59	77073.88	21397376.00
8	1960	272.034	2.43462	259.274	2.41376	5.82623	73.33	74.14	74002.31	20131120.00
9	1974	269.000	2.42975	256.241	2.40865	5.80159	70.00	70.69	72361.00	19465104.00
10	1954	266.954	2.42644	254.195	2.40517	5.78483	66.67	67.24	71264.31	19024272.00
11	1968	254.508	2.40570	241.749	2.38336	5.68043	63.33	63.79	64774.27	16485563.00
12	1971	254.000	2.40483	241.241	2.38245	5.67607	60.00	60.34	64516.00	16387064.00
13	1966	246.634	2.39205	233.875	2.36898	5.61208	56.67	56.90	60828.28	15002315.00
14	1975	246.000	2.39093	233.241	2.36780	5.60650	53.33	53.45	60516.00	14886936.00
15	1962	235.204	2.37144	222.445	2.34722	5.50945	50.00	50.00	55320.88	13011688.00
16	1965	233.680	2.36862	220.921	2.34424	5.49544	46.67	46.55	54606.29	12760393.00
17	1961	232.664	2.36673	219.905	2.34223	5.48606	43.33	43.10	54132.48	12594674.00
18	1952	228.346	2.35859	215.587	2.33362	5.44579	40.00	39.66	52141.86	11906379.00
19	1956	227.330	2.35666	214.571	2.33157	5.43622	36.67	36.21	51678.89	11748156.00
20	1947	223.774	2.34981	211.015	2.32431	5.40243	33.33	32.76	50074.76	11205425.00
21	1953	213.360	2.32911	200.601	2.30233	5.30074	30.00	29.31	45522.45	9712665.00
22	1959	212.852	2.32808	200.093	2.30123	5.29567	26.67	25.86	45305.93	9643454.00
23	1977	212.000	2.32634	199.241	2.29938	5.28714	23.33	22.41	44944.00	9528128.00
24	1958	206.756	2.31546	193.997	2.28779	5.23400	20.00	18.97	42748.01	8838403.00
25	1950	200.152	2.30136	187.393	2.27275	5.16540	16.67	15.52	40060.79	8018243.00
26	1972	182.000	2.26007	169.241	2.22851	4.96623	13.33	12.07	33124.00	6028568.00
27	1969	181.356	2.25853	168.597	2.22685	4.95885	10.00	8.62	32889.97	5964790.00
28	1955	164.592	2.21641	151.833	2.18137	4.75836	6.67	5.17	27090.50	4458876.00
29	1964	150.622	2.17789	137.863	2.13945	4.57723	3.33	1.72	22686.96	3417154.00
TOTAL		7155.988	69.09160		68.39023	161.56050			1846723.00	497954304.00
MEAN	XM =	246.758	2.38247	YM =	2.35828	5.57105 = YYM			63680.10	17170832.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.14067

SX = ROOT<XXM-XM*XM> = 52.82506

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.54347

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 6 DAY MAXIMUM RAINFALL AT THARRAWADDY UNIT -(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	371.000	150.622	55880.734	521.622	-2320.871	-39.122	59.324
2	359.156	164.592	59114.133	523.748	912.527	-41.248	-22.123
3	335.026	181.356	60758.926	516.382	2557.320	-33.882	-75.478
						TOTAL BI =	-38.277
						MEAN B =	-12.759
						B =	-12.759

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.1407	0.0	2.3583	228.183	-12.759	240.942
5	0.5951	0.1407	0.0837	2.4420	276.691	-12.759	289.450
10	0.9062	0.1407	0.1275	2.4858	306.026	-12.759	318.785
30	1.2967	0.1407	0.1824	2.5407	347.288	-12.759	360.047
50	1.4520	0.1407	0.2043	2.5625	365.204	-12.759	377.963
100	1.6450	0.1407	0.2314	2.5897	388.763	-12.759	401.522
200	1.8215	0.1407	0.2562	2.6145	411.636	-12.759	424.395
500	2.0350	0.1407	0.2863	2.6445	441.110	-12.759	453.869
1000	2.1850	0.1407	0.3074	2.6656	463.070	-12.759	475.829

APPENDIX E-26 PROBABILITY ANALYSIS OF SUCCESIVE 6 DAY MAXIMUM RAINFALL AT PROME

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 6 DAY MAXIMUM RAINFALL AT PROME UNIT -(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1969	316.230	2.50000	301.084	2.47869	6.14389	96.67	98.28	100001.19	31623344.00
2	1962	245.364	2.38981	230.219	2.36214	5.57971	93.33	94.83	60203.45	14771752.00
3	1971	232.000	2.36549	216.855	2.33617	5.45768	90.00	91.38	53824.00	12487168.00
4	1951	230.886	2.36340	215.741	2.33393	5.44724	86.67	87.93	53308.29	12308132.00
5	1974	221.000	2.34439	205.855	2.31356	5.35256	83.33	84.48	48841.00	10793861.00
6	1973	209.000	2.32015	193.855	2.28748	5.23255	80.00	81.03	43681.00	9129329.00
7	1954	208.534	2.31918	193.389	2.28643	5.22776	76.67	77.59	43486.39	9068388.00
8	1960	206.502	2.31492	191.357	2.28184	5.20681	73.33	74.14	42643.04	8805870.00
9	1957	195.326	2.29076	180.181	2.25571	5.08822	70.00	70.69	38152.21	7452115.00
10	1956	186.690	2.27112	171.545	2.23438	4.99244	66.67	67.24	34853.12	6506726.00
11	1964	186.690	2.27112	171.545	2.23438	4.99244	63.33	63.79	34853.12	6506726.00
12	1953	180.848	2.25731	165.703	2.21933	4.92542	60.00	60.34	32705.98	5914808.00
13	1965	180.340	2.25609	165.195	2.21800	4.91950	56.67	56.90	32522.49	5865104.00
14	1961	177.546	2.24931	162.401	2.21059	4.88670	53.33	53.45	31522.55	5596700.00
15	1952	169.164	2.22831	154.019	2.18757	4.78547	50.00	50.00	28616.44	4840869.00
16	1975	160.000	2.20412	144.855	2.16093	4.66963	46.67	46.55	25600.00	4096000.00
17	1948	151.892	2.18153	136.747	2.13592	4.56214	43.33	43.10	23071.15	3504321.00
18	1963	151.130	2.17935	135.985	2.13349	4.55178	40.00	39.66	22840.26	3451846.00
19	1976	151.000	2.17898	135.855	2.13307	4.55001	36.67	36.21	22801.00	3442951.00
20	1955	148.082	2.17050	132.917	2.12364	4.50987	33.33	32.76	21928.26	3247178.00
21	1977	127.000	2.10380	111.855	2.04865	4.19698	30.00	29.31	16129.00	2048383.00
22	1950	126.492	2.10206	111.347	2.04668	4.18888	26.67	25.86	16000.21	2023897.00
23	1947	126.238	2.10119	111.093	2.04568	4.18483	23.33	22.41	15936.01	2011729.00
24	1959	125.476	2.09856	110.331	2.04270	4.17260	20.00	18.97	15744.20	1975518.00
25	1970	124.968	2.09680	109.823	2.04069	4.16442	16.67	15.52	15616.98	1951622.00
26	1967	122.174	2.08698	107.029	2.02950	4.11887	13.33	12.07	14926.47	1823626.00
27	1968	117.348	2.06948	102.203	2.00946	4.03793	10.00	8.62	13770.54	1615943.00
28	1966	112.776	2.05222	97.631	1.98959	3.95845	6.67	5.17	12718.41	1434331.00
29	1972	104.000	2.01703	88.855	1.94868	3.79735	3.33	1.72	10816.00	1124864.00
TOTAL		4994.676	64.38382		63.12874	137.90195			927112.13	185422928.00
MEAN	XM =	172.230	2.22013	YM =	2.17685	4.75524 = YYM			31969.38	6393894.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.18518

SX = ROOT<XXM-XM*XM> = 48.02232

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.84364

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 6 DAY MAXIMUM RAINFALL AT PROME UNIT -(M M)

***** B - V A L U E *****

ORDER	X1	XS	X1*XS	X1*XS-XO**2	X1+XS	2*XO-(X1+XS)	BI
1	316.230	104.000	32887.891	420.230	5329.070	-88.213	-60.412
2	245.364	112.776	27671.148	358.140	112.348	-26.123	-4.301
3	232.000	117.348	27224.719	349.348	-334.082	-17.331	19.276
						TOTAL BI =	-45.436
						MEAN B =	-15.145
						B =	-15.145

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A=YM+E*R	C=10**A	B	X=C-B
2	0.0	0.1852	0.0	2.1769	150.263	-15.145	165.408
5	0.5951	0.1852	0.1102	2.2871	193.664	-15.145	208.810
10	0.9062	0.1852	0.1678	2.3447	221.135	-15.145	236.280
30	1.2967	0.1852	0.2401	2.4170	261.197	-15.145	276.343
50	1.4520	0.1852	0.2689	2.4457	279.079	-15.145	294.224
100	1.6450	0.1852	0.3046	2.4815	303.016	-15.145	318.161
200	1.8215	0.1852	0.3373	2.5141	326.700	-15.145	341.845
500	2.0350	0.1852	0.3768	2.5537	357.836	-15.145	372.981
1000	2.1850	0.1852	0.4046	2.5815	381.470	-15.145	396.615

APPENDIX E-27 PROBABILITY ANALYSIS OF SUCCESIVE 6 DAY MAXIMUM RAINFALL AT HENZADA

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 6 DAY MAXIMUM RAINFALL AT HENZADA UNIT -(M M)

ORDER	YEAR	X	LOG(X)	X+B	Y = LOG(X+B)	YY = Y**2	THOMAS PLOT(%)	HAZEN PLOT(%)	X**2	X**3
1	1951	355.340	2.55065	439.842	2.64330	6.98701	96.15	98.00	126270.56	44869696.00
2	1961	354.330	2.54941	438.826	2.64229	6.98171	92.31	94.00	125549.63	44485968.00
3	1963	336.550	2.52705	421.046	2.62433	6.88710	88.46	90.00	113265.75	38119552.00
4	1971	334.000	2.52375	418.496	2.62169	6.87327	84.62	86.00	111556.00	37259696.00
5	1964	328.422	2.51643	412.918	2.61586	6.84274	80.77	82.00	107860.88	35423856.00
6	1973	322.000	2.50786	406.496	2.60906	6.80718	76.92	78.00	103684.00	33386240.00
7	1959	309.372	2.49048	393.868	2.59535	6.73584	73.08	74.00	95710.88	29610240.00
8	1968	304.292	2.48329	388.788	2.58971	6.70661	69.23	70.00	92593.44	28175408.00
9	1977	297.000	2.47276	381.496	2.58149	6.66409	65.38	66.00	88209.00	26198064.00
10	1962	274.320	2.43826	358.816	2.55487	6.52737	61.54	62.00	75251.31	20642912.00
11	1976	273.000	2.43616	357.496	2.55327	6.51919	57.69	58.00	74529.00	20346416.00
12	1948	263.144	2.42019	347.640	2.54113	6.45734	53.85	54.00	69244.63	18221280.00
13	1975	247.000	2.39270	331.496	2.52048	6.35281	50.00	50.00	61009.00	15069223.00
14	1974	241.000	2.38202	325.496	2.51255	6.31289	46.15	46.00	58081.00	13997521.00
15	1953	236.220	2.37332	320.716	2.50612	6.28064	42.31	42.00	55799.84	13181034.00
16	1956	234.950	2.37098	319.446	2.50440	6.27201	38.46	38.00	55201.46	12969577.00
17	1969	234.950	2.37098	319.446	2.50440	6.27201	34.62	34.00	55201.46	12969577.00
18	1970	233.934	2.36909	318.430	2.50301	6.26508	30.77	30.00	54725.07	12802050.00
19	1972	228.000	2.35793	312.496	2.49484	6.22425	26.92	26.00	51984.00	11852352.00
20	1966	220.218	2.34285	304.714	2.48389	6.16972	23.08	22.00	48495.92	10679668.00
21	1952	219.456	2.34135	303.952	2.48281	6.16432	19.23	18.00	48160.89	10569191.00
22	1960	207.772	2.31759	292.268	2.46578	6.08008	15.38	14.00	43169.16	8969339.00
23	1955	197.612	2.29581	282.108	2.45042	6.00454	11.54	10.00	39050.46	7716834.00
24	1950	196.342	2.29301	280.838	2.44846	5.99494	7.69	6.00	38550.14	7569007.00
25	1958	180.340	2.25609	264.836	2.42298	5.87082	3.85	2.00	32522.48	5865101.00
TOTAL		6629.551	60.37984		63.47240	161.25343			1825670.00	520947712.00
MEAN	XM =	265.182	2.41519	YM =	2.53890	6.45014 = YYM			73026.75	20837904.00

R = ROOT<(2*N/(N-1))*(YYM-YM*YM)> = 0.09294

SX = ROOT<XXM-XM*XM> = 52.01321

CS =(XXXM-3*XXM*XM+2*XM**3)/(SX**3)= 0.26789

***** THE PROBABILITY OF EXCEEDANCE ON IRRAWADDY M/P PROJECT *****

X: SUCCESSIVE 6 DAY MAXIMUM RAINFALL AT HENZADA UNIT =(M M)

***** B - V A L U E *****

ORDER	XI	XS	XI*XS	XI*XS-XO**2	XI+XS	2*XO-(XI+XS)	BI
1	355.346	180.340	64083.003	535.686	-1585.055	-15.424	232.436
2	354.330	196.342	69569.750	550.672	1901.688	-30.410	-62.535
3	336.550	197.612	66506.188	534.162	-1161.875	-13.900	83.589
						TOTAL BI =	253.490
						MEAN B =	84.497
						B =	84.497

***** THE PROBABLE VALUES BY 'IWAI' METHOD *****

RETURN-PERIOD (YEAR)	E	R	E*R	A*YM+E*R	C=10**A	B	X=C-B
2	0.0	0.0929	0.0	2.5389	345.856	84.497	261.359
5	0.5951	0.0929	0.0553	2.5942	392.831	84.497	308.335
10	0.9062	0.0929	0.0842	2.6231	419.875	84.497	335.379
30	1.2967	0.0929	0.1205	2.6594	456.473	84.497	371.977
50	1.4520	0.0929	0.1350	2.6739	471.899	84.497	387.403
100	1.6450	0.0929	0.1529	2.6918	491.799	84.497	407.303
200	1.8215	0.0929	0.1693	2.7082	510.732	84.497	426.235
500	2.0350	0.0929	0.1891	2.7280	534.609	84.497	450.112
1000	2.1850	0.0929	0.2031	2.7420	552.050	84.497	467.553

APPENDIX E-28 5-DAYS TOTAL RAINFALL AT THARRAWADDY

1976 (Unit: mm)

Day	July Daily	August Daily	September Daily	October Daily
1	6.0	17.0	22.0	5.0
2	2.0	26.0	1.0	-
3	45.0	-	1.0	3.0
4	23.0	7.0	10.0	39.0
5	27.0	-	-	3.0
Sub-total	103.0	50.0	34.0	50.0
6	4.0	2.0	-	-
7	40.0	4.0	4.0	2.0
8	6.0	-	54.0	-
9	27.0	6.0	4.0	-
10	18.0	1.0	1.0	-
Sub-total	95.0	13.0	63.0	2.0
11	6.0	37.0	1.0	21.0
12	6.0	2.0	12.0	-
13	3.0	52.0	14.0	2.0
14	-	3.0	5.0	3.0
15	4.0	58.0	28.0	5.0
Sub-total	19.0	152.0	60.0	31.0
16	3.0	15.0	7.0	-
17	21.0	1.0	-	-
18	53.0	2.0	-	9.0
19	55.0	-	-	-
20	14.0	-	-	6.0
Sub-total	146.0	18.0	7.0	15.0
21	25.0	-	-	49.0
22	3.0	-	3.0	59.0
23	-	-	13.0	-
24	2.0	4.0	41.0	-
25	14.0	2.0	25.0	-
Sub-total	44.0	6.0	82.0	108.0
26	22.0	13.0	3.0	-
27	9.0	1.0	5.0	3.0
28	7.0	3.0	7.0	-
29	-	52.0	-	-
30	3.0	32.0	-	-
31	8.0	-	-	-
Sub-total	49.0	101.0	15.0	3.0

APPENDIX E-29 5-DAYS TOTAL RAINFALL AT HENZADA

1971 (Unit: mm)

Day	July Daily	August Daily	September Daily	October Daily
1	8.0	10.0	4.0	15.0
2	51.0	85.0	-	-
3	26.0	10.0	-	-
4	32.0	4.0	46.0	1.0
5	4.0	21.0	9.0	1.0
Sub-total	121.0	130.0	59.0	17.0
6	3.0	11.0	-	-
7	46.0	47.0	-	-
8	5.0	10.0	-	-
9	8.0	14.0	26.0	-
10	32.0	4.0	-	-
Sub-total	94.0	86.0	26.0	-
11	84.0	9.0	-	-
12	1.0	5.0	1.0	6.0
13	6.0	36.0	4.0	1.0
14	8.0	2.0	-	-
15	-	47.0	-	-
Sub-total	99.0	99.0	5.0	7.0
16	11.0	2.0	20.0	-
17	35.0	2.0	-	-
18	36.0	8.0	5.0	-
19	70.0	29.0	-	-
20	90.0	4.0	-	-
Sub-total	242.0	45.0	25.0	-
21	66.0	6.0	2.0	-
22	37.0	41.0	5.0	-
23	2.0	28.0	-	-
24	20.0	12.0	-	-
25	51.0	6.0	1.0	-
Sub-total	176.0	93.0	8.0	-
26	36.0	35.0	2.0	8.0
27	-	23.0	30.0	22.0
28	22.0	14.0	5.0	33.0
29	32.0	16.0	10.0	15.0
30	21.0	1.0	33.0	7.0
31	-	12.0	-	-
Sub-total	111.0	101.0	80.0	85.0

APPENDIX E-30 WATER BALANCE AT MONYO AREA

(A = 5,844 ha)

Period	5 Day Total (mm)	Discharge (m^3)	Accumulated Discharge (m^3)	Inner Water Level (m)	Outer Water Level (m)	Remark
7.1-5	103	3,009,660	3,009,660	12.20	13.57	
10	95	2,775,900	5,785,560	12.40	14.27	
15	19	555,180	6,340,740	12.45	14.95	
20	146	4,266,120	10,606,860	12.75	15.27	
25	44	1,285,680	11,892,540	12.85	15.26	
31	49	1,431,780	13,324,320	12.95	15.52	
8.1-5	50	1,461,000	14,785,320	13.00	15.65	
10	13	379,860	15,165,180	13.05	15.84	
15	152	4,441,440	19,606,620	13.12	16.42	
20	18	525,960	20,132,580	13.15	16.55	
25	6	175,320	20,307,900	13.15	15.90	
31	101	2,951,220	23,259,120	13.20	15.01	
9.1-5	34	993,480	24,252,600	13.25	14.74	
10	63	1,840,860	26,093,460	13.30	14.95	
15	60	1,753,200	27,846,660	13.35	15.32	
20	7	204,540	28,051,200	13.35	15.11	
25	82	2,396,040	30,447,240	13.40	15.08	
30	15	438,300	30,885,540	13.42	15.00	
10.1-5	50	1,461,000	32,346,540	13.45	14.69	
10	2	58,440	32,404,980	13.45	14.41	
15	31	905,820	33,310,800	13.50	14.04	
20	15	438,300	33,749,100	-	13.03	
25	108	3,155,760	36,904,860	-	11.63	
31	3	87,660	36,992,520	-	11.02	

Note: Outer Water Level --- Gamon ST. + 2.0 m

APPENDIX E-31 WATCR BALANCE AT INGABU AREA

(A = 15,000 ha)

Period	5 Day Total (mm)	Discharge (m^3)	Accumulated Discharge (m^3)	Inner Water Level (m)	Outer Water Level (m)	Remark
7.1-5	121	9,075,000	9,075,000	10.25	11.68	
10	94	7,050,000	16,125,000	10.40	11.97	
15	99	7,425,000	23,550,000	10.60	12.78	
20	242	18,150,000	41,700,000	11.00	13.08	
25	176	13,200,000	54,900,000	11.20	13.00	
31	111	8,325,000	63,225,000	11.30	13.41	
8.1-5	130	9,750,000	72,975,000	11.40	13.40	
10	86	6,450,000	79,425,000	11.45	13.79	
15	99	7,425,000	86,850,000	11.50	14.45	
20	45	3,375,000	90,225,000	11.60	14.06	
25	93	6,975,000	97,200,000	11.65	13.44	
31	101	7,575,000	104,775,000	11.75	11.91	
9.1-5	59	4,425,000	109,200,000	11.80	12.28	
10	26	1,950,000	111,150,000	11.80	13.10	
15	5	375,000	111,525,000	11.80	13.34	
20	25	1,875,000	113,400,000	11.80	12.62	
25	8	600,000	114,000,000	11.80	12.37	
30	80	6,000,000	120,000,000	11.90	12.59	
10.1-5	17	1,275,000	121,275,000	11.90	12.60	
10	-	-	121,275,000	11.90	11.92	
15	7	525,000	121,800,000	11.90	11.51	
20	-	-	121,800,000	-	10.52	
25	-	-	121,800,000	-	8.67	
31	85	6,375,000	128,175,000	-	8.14	

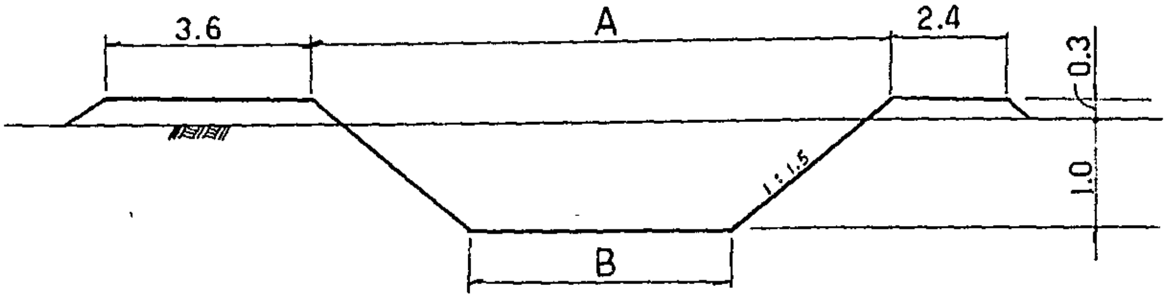
Note: Outer Water Level --- Henzada ST. (1974)

APPENDIX E-32 WATER BALANCE BY PUMP DRAINAGE AT INGABU AREA

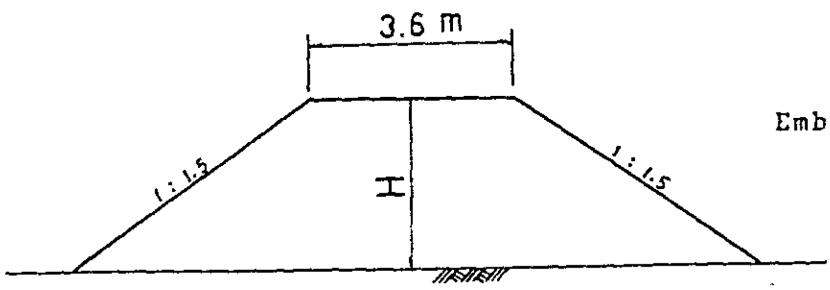
(A = 15,000 ha)

Period	5 day Total (mm)	Discharge (m^3)	Accumulated Discharge (m^3)	Inner Water Level (m)	Outer Water Level (m)	Remark
7.1-5	121	9,075,000	3,891,000	10.10	11.68	
10	94	7,050,000	5,757,000	10.15	11.97	
15	99	7,425,000	7,998,000	10.20	12.78	
20	242	18,150,000	20,964,000	10.50	13.08	
25	176	13,200,000	28,980,000	10.70	13.00	
31	111	8,325,000	31,084,200	10.75	13.41	
8.1-5	130	9,750,000	35,650,200	10.80	13.40	
10	86	6,450,000	36,916,200	10.80	13.79	
15	99	7,425,000	39,157,200	10.95	14.45	
20	45	3,375,000	37,348,200	10.90	14.06	
25	93	6,975,000	39,139,200	10.95	13.44	
31	101	7,575,000	40,493,400	11.00	11.91	
9.1-5	59	4,425,000	39,734,400	10.95	12.28	
10	26	1,950,000	36,500,400	10.90	13.10	
15	5	375,000	31,691,400	10.75	13.34	
20	25	1,875,000	28,382,400	10.70	12.62	
25	8	600,000	23,798,400	10.60	12.37	
30	80	6,000,000	24,614,400	10.60	12.59	
10.1-5	17	1,275,600	20,705,400	10.50	12.60	
10	-	-	15,521,400	10.35	11.92	
15	7	525,000	10,862,400	10.25	11.51	
20	-	-	5,678,400	10.15	10.52	
25	-	-	494,400	10.00	8.67	
31	85	6,375,000	648,600	10.00	8.14	

Note: Outer Water Level --- Henzada ST. (1974)
Pump Discharge --- 12 m^3/sec



Type	Area (HA)	Discharge (M^3/SEC)	A (M)	B (M)	Cut (M^2/M)	Embankment (M^3/M)
I	500	1.6	4.4	0.5	2.0	2.1
II	1,000	3.2	6.4	2.5	4.0	2.1
III	1,500	4.8	8.4	4.5	6.0	2.1
IV	2,000	6.4	10.4	6.5	8.0	2.1
V	3,000	9.6	14.4	10.5	12.0	2.1



Embankment Volume (M^3/M)

$= 1.5H^2 - 3.6H$

APPENDIX E-33

TYPICAL CROSS SECTION OF DRAINAGE CANAL AND EMBANKMENT

APPENDIX E-34 DIFFERENCE EXPRESSION OF THE FUNDAMENTAL EQUATIONS

In the flow status of a river, there are two physical phenomena. One is a steady flow that is constant with time, other is an unsteady flow that is changeable with time.

In analysis of an unsteady flow, it is necessary to solve the differential equation. But this equation is a non-linear type, so it is very difficult to solve it directly. Then, it will be solved by means of numerical analysis, which is a kind of mathematical simulation. Here, the Dr. Shiraishi's method is adopted that is famous and popular in Japan.

Hydraulic characteristics of an unsteady flow as a mathematical model are given by simultaneous solution of both the equation of motion and that of continuity. With the down stream boundary as origin the fundamental equation of a one-dimensional flow are expressed as follows;

$$\frac{1}{g}\left(\frac{\partial v}{\partial t}\right) + \frac{1}{g}\frac{\partial}{\partial x}\left(\frac{v^2}{2}\right) + S + \frac{\partial h}{\partial x} + \frac{n^2 |v|}{R^{4/3}} v = 0 \qquad (1)$$

$$\frac{\partial A}{\partial t} + \frac{\partial Q}{\partial x} - q = 0 \qquad (2)$$

Where;

- g: acceleration of gravity (9.80 m/sec^2)
- v: velocity (positive for the upper stream direction)(m/sec)
- t: elapsed time (sec)
- x: distance in longitudinal directions on a horizontal datum plane (m)
- s: river bed slope
- h: water depth (m)
- n: Manning's roughness coneefficient
- R: hydraulic radius (m)
- A: cross-sectional area including swampy zone
- Q: discharge through a section (m^3/sec)

q: lateral inflow per unit length (positive for inflow, negative for outflow) (m^3/sec/m)

In case of hydraulic analysis of mathematical model, these equation, (1) and (2), are converted into difference expressions. Then, for the given initial condition, boundary condition and geometric conditions, the numerical integration is performed. It is desirable to constitute the efficient and economic grid system from the point of the electronic computer performance. The calculation proceeds from the down stream to the upper stream with the distance interval Δx and the time interval Δt. The selection of the time interval to be used is not arbitrary. It is well-known that solving by finite differences method will not produce a stable solution unless the distance interval and the time interval are related to the velocity of the long wave, such as

$$\Delta t < \left| \frac{\Delta x}{v_{max} \pm \sqrt{g\, h_{max}}} \right| \qquad (3)$$

If the value of Δt exceeds that given above, the transmission of the hydraulic phenomena goes beyond the tracing speed in the mathematical model and the solution is led to uncoveragence. The value of Δt and Δx must be determined to satisfy the expression (3), by speculating in advance the maximum possible velocity and water depth.

The accuracy of the mathematical model is determined by the difference expressions of the fundamental equations. By Dr. Shiraishi, the method of the central difference expression with respect to distance x and time t is studied.

In the difference expression suffix i is used for distance and n for time.

The difference center is taken at the point (i, n - 1), and from the initial conditions and the boundary conditions, the unknown values at the point (i, n) are obtained.

From the downstream to the upper stream, the calculation proceeds with distance interval x and the time interval t. (See Figure 1)

1) Difference Expressions of the Equation of Motion

In the equation of motion (1), the central differences for respective terms are expressed as follows.

$$\frac{\partial v}{\partial t} = \frac{{}_{n}v_{i} - {}_{n-2}v_{i}}{\Delta t}$$

$$\frac{\partial h}{\partial t} = \frac{{}_{n-1}h_{i+1} - {}_{n-1}h_{i-1}}{\Delta x}$$

$$\frac{\partial v^2}{\partial x} = \frac{{}_{n-1}v^2_{i+1} - {}_{n-2}v^2_{i-2}}{2\Delta x}$$

$$S = \frac{Z_{i+1} - Z_{i-1}}{\Delta x}$$

$$h = \frac{{}_{n-1}h_{i+1} + {}_{n-1}h_{i-1}}{2}$$

$$V = \frac{{}_{n}v_{i} + {}_{n-2}v_{i}}{2}$$

$$[V] = [{}_{n-2}v_{i}]$$

Here, z is the bottom elevation, that is the river bed elevation.

The value of ${}_{n}v_{i}$ is calculated by substituting the difference expressions above into the equation of motion (1). (See Figure 2)

The value of ${}_{n}v_{i}$ is thus drived from two values of water depth at time n-1 and three values of velocity n-2.

2) Difference Expressions of the Equation of Continuity

In the equation of continuity (2), the central differences for respective terms are expressed as follows.

$$\frac{\partial A}{\partial t} = \frac{{}_{n}A_{i} - {}_{n-2}A_{i}}{\Delta t}$$

$$\frac{\partial Q}{\partial x} = \frac{1}{\Delta x} \left(\frac{A_2 + A_3}{2} V_m - \frac{A_1 + A_2}{2} V_\ell \right)$$

The cross-sectional area at point m is given by $(A_2 + A_3)/2$, and that at point ℓ is $(A_1 + A_2)/2$. The velocity at points m and ℓ, Vm and Vℓ, respectively, are already obtained from the equation of motion. Hence the discharge through point m is given by $(A_2 + A_3)Vm/2$ and that through point is $(A_1 + A_2)V\ell/2$.
(See Figure 3)

To obtain the cross-sectional area in the above difference expressions above, the backward water depth is used. The reason for it is that if a forward unknown value is used, the calculation becomes fairly complicated. Moreover, the central difference expression with respect to distance gives sufficient accuracy, because the change in cross-sectional area with respect to distance is far larger than that with respect to time.

The inflow to and outflow from the open channel concerned are treated by the term q.

The values of ${}_{n}A_{i}$ is calculated by substituting the difference expressions above into the equation of continuity (2).
(See Figure 4)

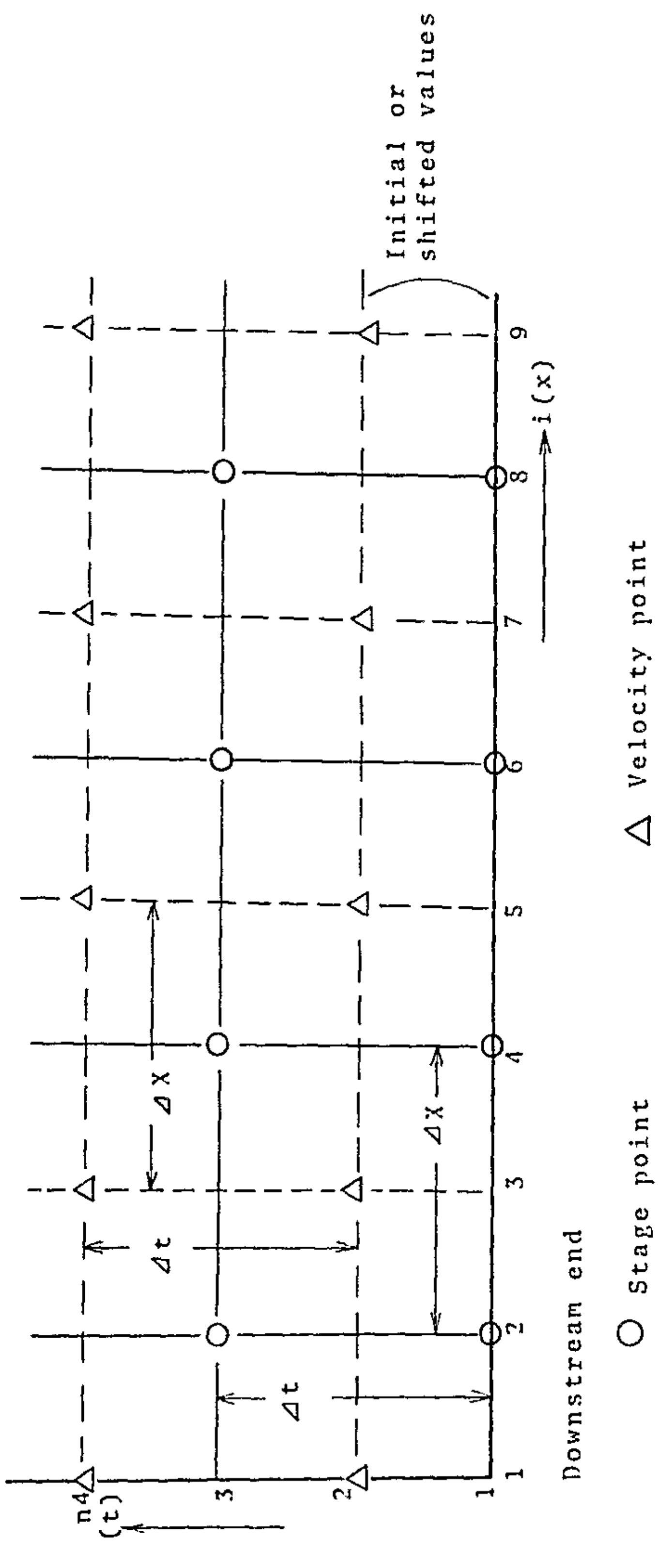


FIGURE 1 OPERATIONAL GRID SYSTEM

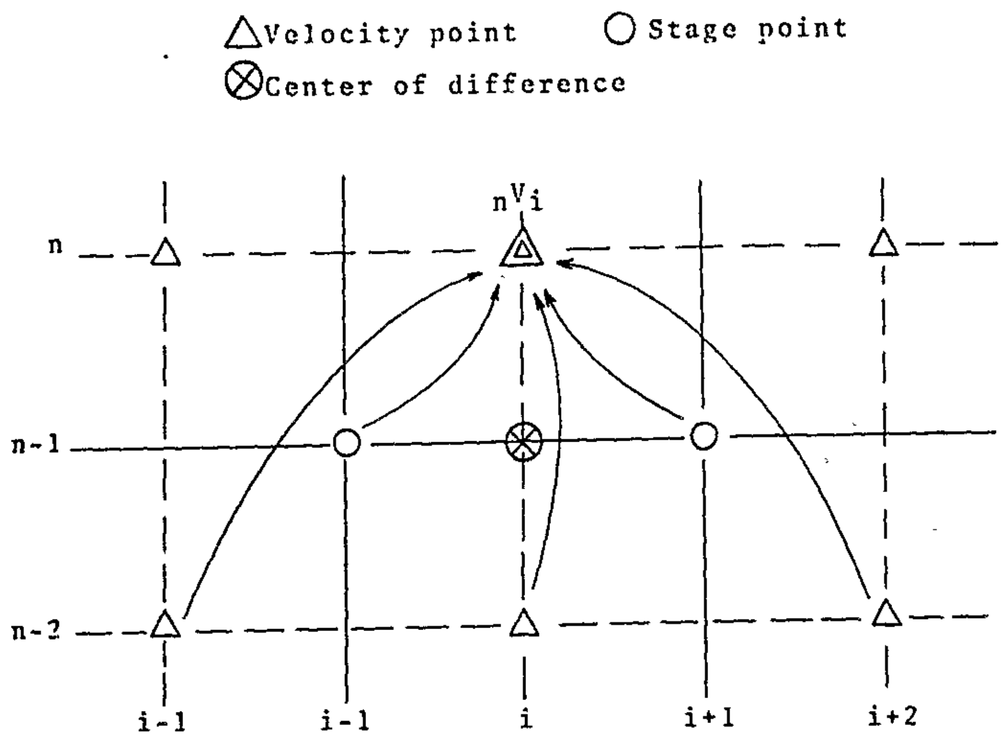


FIGURE 2. OPERATIONAL GRID SYSTEM OF THE EQUATION OF MOTION

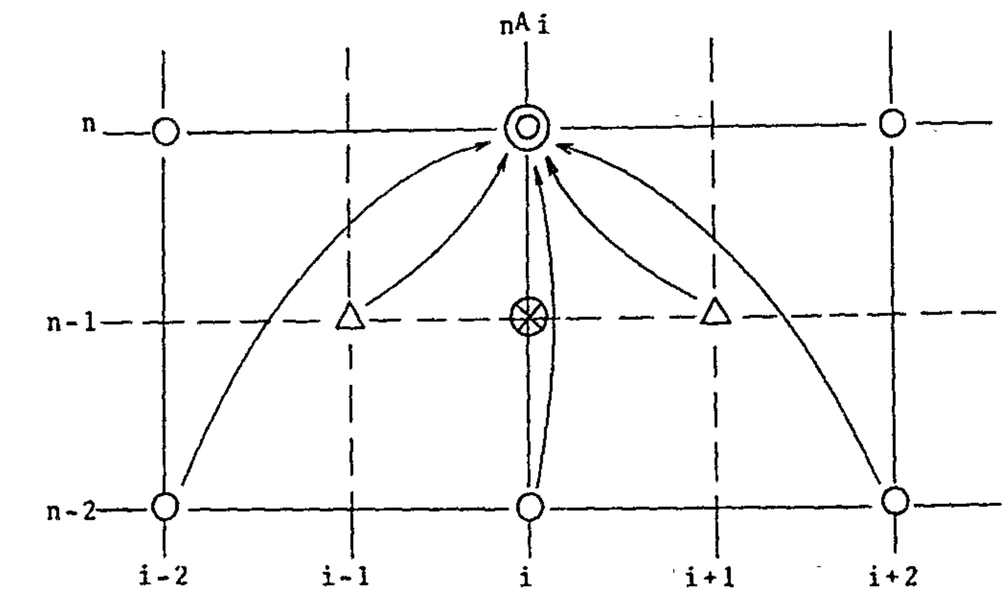


FIGURE 3. OPERATIONAL GRID SYSTEM OF THE EQUATION OF CONTINUITY

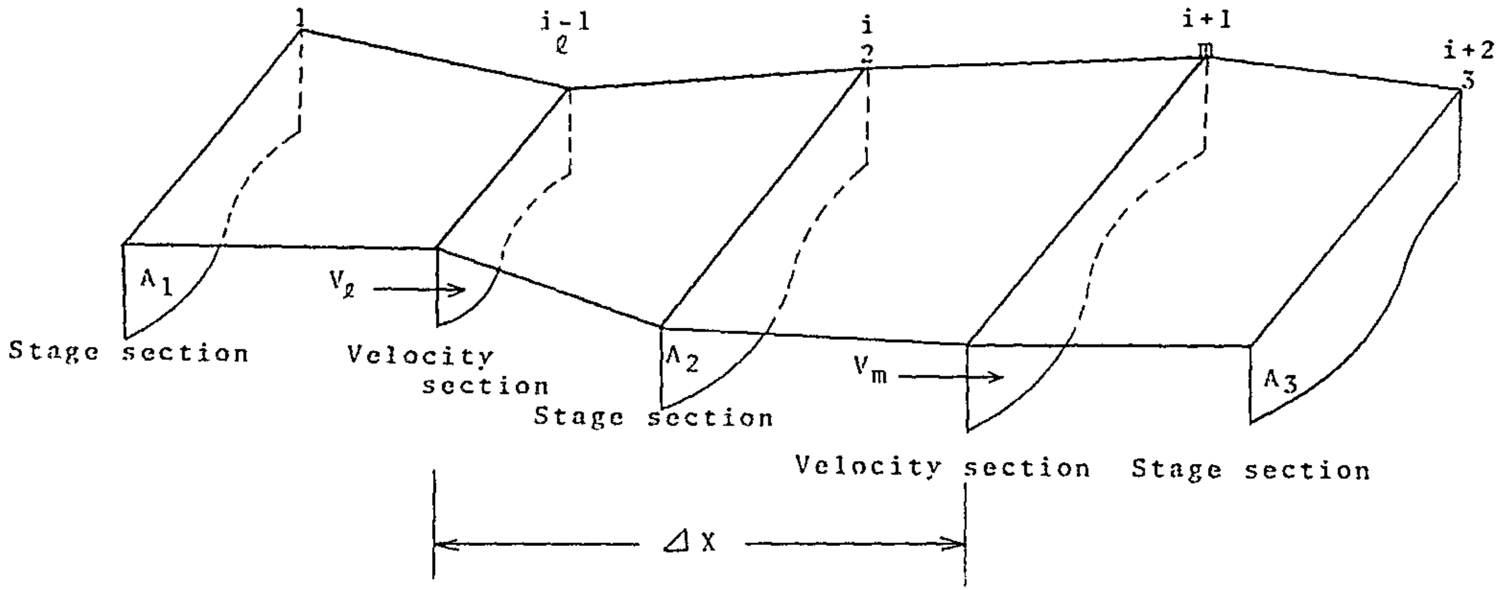


FIGURE 4. TREATMENT OF GEOMETRIC CONDITIONS TO SOLVE THE EQUATION OF CONTINUITY

APPENDIX E-35 THE RESULT OF HYDRAULIC ANALYSIS

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITTHA RIVER
BOUNDARY : <1> KUNHAYPAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) JAWMI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 7500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 2 DAY) ----- (HOUR : 0:00) ----- (PRINT NO. 2)

2-6 1974

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.210	8.849

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.210	3.243	3.296	3.392	3.583	3.947	4.470	5.084	5.708	6.464	7.311	8.039	8.785	8.849
VELOCITY (M/SEC)	0.134	0.208	0.242	0.290	0.353	0.407	0.431	0.430	0.424	0.425	0.413	0.378	0.236	0.124
DISCHARGE (M**3/S)	218.1	197.5	189.4	180.1	166.7	149.7	139.8	120.6	115.3	109.1	115.7	81.3	33.5	43.7
SECTION (M**2)	1125.1	950.1	782.4	620.5	472.3	368.1	324.6	280.7	268.6	256.8	230.3	214.9	142.2	351.7
HY. RADIUS(M)	6.172	5.225	4.393	3.577	2.322	2.313	2.177	1.949	1.976	1.556	1.716	1.745	1.300	2.401
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 3 DAY) ----- (HOUR : 0:00) ----- (PRINT NO. 3)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.236	8.647

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.236	3.223	3.251	3.336	3.425	3.643	4.107	4.756	5.460	6.155	6.933	7.625	8.521	8.647
VELOCITY (M/SEC)	0.139	0.151	0.180	0.223	0.285	0.352	0.394	0.413	0.421	0.410	0.385	0.367	0.263	0.166
DISCHARGE (M**3/S)	156.5	143.1	139.7	135.4	127.6	115.9	113.1	100.4	100.3	85.8	86.2	61.9	30.4	53.4
SECTION (M**2)	1124.4	946.7	775.0	530.7	447.7	329.0	283.2	246.5	238.0	209.0	223.8	168.9	115.7	322.3
HY. RADIUS(M)	6.173	5.212	4.366	3.330	2.734	2.123	2.017	1.815	1.836	1.784	1.483	1.639	1.165	2.214
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 4 DAY) ----- (HOUR : 0:00) ----- (PRINT NO. 4)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.210	8.650

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.210	3.239	3.217	[illegible]	[illegible]	[illegible]	[illegible]	5.102	5.596	6.383	7.403	8.308	8.698	8.650
VELOCITY (M/SEC)	0.172	[illegible]	0.235	[illegible]	0.332	0.433	0.423	0.373	[illegible]	0.456	0.454	0.337	0.065	-0.134
DISCHARGE (M**3/S)	[illegible]	[illegible]	183.3	132.7	[illegible]	[illegible]	142.3	111.4	104.1	111.2	133.6	87.2	8.6	-33.7
SECTION (M**2)	[illegible]	[illegible]	731.3	[illegible]	[illegible]	[illegible]	337.	[illegible]	[illegible]	[illegible]	294.5	256.7	132.7	322.9
HY. RADIUS(M)	6.172	[illegible]	4.333	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.314	[illegible]	1.773	1.505	1.256	2.213
ROUGHNESS(MANNING)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.03000	[illegible]	[illegible]	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

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------------------ THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
------------------ BOUNDARY : <1> KONHAYKWIK STATION       ; <2> CONFLUENCE WITH IRRAWADDY RIVER
------------------ SECTION  : (1) = <1> ; (3) DAWWI ST.   ; (11) SAMMUN ST. ; (14) = <2>
------------------ INTERVAL : DX= 5500 OR 10000 M         ; DT = 600 SEC.
------------------ PERIOD   : DURING JUNE TO SEPTEMBER 1974
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------------------ (DAY = 5 DAY) -----(HOUR : 0:00) ------------------------------ (PRINT NO. 5) ----------

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.145	8.519

RIVER (NO.) (1)														
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.145	3.198	3.281	3.425	3.693	4.147	4.711	5.316	5.897	6.656	7.467	8.097	8.515	8.519
VELOCITY (M/SEC)	0.243	0.259	0.298	0.350	0.412	0.453	0.455	0.436	0.427	0.417	0.394	0.316	0.128	0.009
DISCHARGE (M**3/S)	270.3	243.5	232.1	219.1	201.9	180.8	163.4	137.2	125.2	119.4	119.8	71.0	14.8	2.6
SECTION (M**2)	1113.4	942.4	779.9	625.8	439.5	399.3	359.0	314.7	293.3	286.5	304.3	224.4	115.1	303.9
HY. RADIUS(M)	6.126	5.175	4.383	3.575	2.833	2.469	2.334	2.659	2.070	1.409	1.818	1.693	1.162	2.097
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

------------------ (DAY = 6 DAY) -----(HOUR : 0:00) ------------------------------ (PRINT NO. 6) ----------

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.145	8.406

RIVER (NO.) (1)														
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.145	3.179	3.230	3.319	3.458	3.704	4.306	4.926	5.582	6.301	7.111	7.793	8.388	8.406
VELOCITY (M/SEC)	0.193	0.235	0.254	0.274	0.325	0.374	0.415	0.425	0.426	0.417	0.394	0.338	0.175	0.057
DISCHARGE (M**3/S)	215.4	192.0	180.4	166.5	143.8	130.9	125.4	109.7	107.3	96.5	98.4	63.0	18.0	16.3
SECTION (M**2)	1113.4	939.0	771.4	638.7	437.6	343.8	302.3	256.2	253.1	231.5	249.5	186.6	102.8	287.5
HY. RADIUS(M)	6.126	5.152	4.353	3.537	2.759	2.196	2.100	1.875	1.906	1.680	1.586	1.702	1.097	1.993
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

------------------ (DAY = 7 DAY) -----(HOUR : 0:00) ------------------------------ (PRINT NO. 7) ----------

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.176	8.324

RIVER (NO.) (1)														
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.176	3.224	3.291	3.391	[illegible]	3.519	4.244	4.742	5.343	6.321	6.467	7.616	8.292	8.324
VELOCITY (M/SEC)	0.232	0.235	0.255	0.279	0.309	0.345	0.383	0.334	0.374	0.408	0.396	0.344	0.189	0.074
DISCHARGE (M**3/S)	259.3	225.3	199.2	173.1	[illegible]	121.1	111.7	92.2	88.0	79.0	94.8	57.8	17.7	20.0
SECTION (M**2)	[illegible]	947.7	731.5	[illegible]	467.5	347.7	293.7	239.9	223.4	199.9	214.3	167.9	93.7	275.9
HY. RADIUS(M)	[illegible]	[illegible]	[illegible]	3.577	2.330	2.207	2.304	1.813	1.773	1.733	1.445	1.636	1.046	1.421
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	[illegible]	0.03000	[illegible]	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 8 DAY) ——(HOUR : 0:00) —— (PRINT NO. 8)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 3.176 8.200

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.176	3.201	3.242	3.315	3.459	3.749	4.196	4.748	5.344	6.089	7.013	7.821	8.231	8.200
VELOCITY (M/SEC)	0.172	0.183	0.210	0.250	0.304	0.355	0.384	0.391	0.410	0.434	0.424	0.325	0.082	-0.074
DISCHARGE (M**3/S)	192.3	172.6	162.3	151.9	137.7	119.8	110.2	92.1	91.7	87.6	99.8	61.7	7.2	-19.0
SECTION (M**2)	1118.9	943.0	773.5	608.1	453.0	337.2	287.2	235.7	223.6	202.1	235.2	189.6	87.7	258.2
HY. RADIUS(M)	6.148	5.197	4.360	3.535	2.752	2.154	2.036	1.799	1.774	1.759	1.529	1.713	1.016	1.810
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 9 DAY) ——(HOUR : 0:00) —— (PRINT NO. 9)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 3.206 8.331

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.206	3.245	3.310	3.430	3.676	4.147	4.662	5.157	5.550	6.161	6.985	7.719	8.311	8.331
VELOCITY (M/SEC)	0.209	0.226	0.267	0.328	0.408	0.446	0.419	0.366	0.367	0.407	0.401	0.338	0.172	0.057
DISCHARGE (M**3/S)	234.8	214.7	209.9	205.3	198.7	178.0	147.3	106.7	91.5	85.3	92.7	60.4	16.4	15.8
SECTION (M**2)	1124.4	953.6	784.8	626.6	486.8	399.4	351.8	291.4	249.2	209.6	231.3	178.7	95.5	276.8
HY. RADIUS(M)	6.170	5.227	4.401	3.598	2.874	2.469	2.310	1.984	1.888	1.786	1.513	1.674	1.058	1.927
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 10 DAY) ——(HOUR : 0:00) —— (PRINT NO. 10)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 3.145 8.627

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.145	3.179	3.234	3.331	3.513	3.866	4.361	4.940	5.555	6.310	7.249	8.077	8.625	8.627
VELOCITY (M/SEC)	0.197	0.211	0.243	0.288	0.344	0.393	0.413	0.412	0.423	0.441	0.437	0.360	0.152	0.015
DISCHARGE (M**3/S)	219.8	[illegible]	187.6	175.6	[illegible]	138.6	127.0	107.2	105.8	102.7	118.4	79.5	19.1	4.9
SECTION (M**2)	1113.4	[illegible]	772.2	610.7	462.3	[illegible]	339.7	260.1	249.8	232.9	270.3	221.0	125.6	319.5
HY. RADIUS(M)	6.126	5.173	4.353	3.344	2.746	[illegible]	2.133	1.831	1.391	1.673	1.676	1.712	1.218	2.196
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 13000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 11 DAY) (HOUR : 0:00) (PRINT NO. 11)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.206	9.034

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.206	3.241	3.299	3.406	3.627	4.060	4.607	5.169	5.731	6.482	7.346	8.098	8.918	9.034
VELOCITY (M/SEC)	0.198	0.214	0.253	0.309	0.386	0.437	0.439	0.416	0.416	0.427	0.417	0.390	0.271	0.176
DISCHARGE (M**3/S)	222.7	203.1	197.8	192.6	185.0	168.7	150.8	123.2	113.0	110.8	119.2	87.5	42.6	66.7
SECTION (M**2)	1124.4	949.9	783.0	622.9	479.2	385.8	343.4	296.1	271.7	259.5	285.8	224.5	157.6	378.8
HY. RADIUS(M)	6.170	5.224	4.395	3.585	2.846	2.400	2.277	1.999	1.989	1.542	1.739	1.692	1.367	2.570
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 12 DAY) (HOUR : 0:00) (PRINT NO. 12)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.542	9.626

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.542	3.560	3.592	3.653	3.779	4.036	4.460	5.085	5.761	6.600	7.535	8.432	9.459	9.626
VELOCITY (M/SEC)	0.152	0.165	0.197	0.241	0.301	0.366	0.415	0.438	0.447	0.446	0.439	0.422	0.323	0.240
DISCHARGE (M**3/S)	180.6	166.4	163.8	159.9	151.5	139.8	135.3	123.1	123.2	123.9	138.1	117.6	72.8	112.0
SECTION (M**2)	1185.1	1006.4	832.5	662.8	503.5	382.0	326.1	280.8	275.4	277.9	314.8	279.0	225.3	466.4
HY. RADIUS(M)	6.409	5.442	4.583	3.729	2.944	2.381	2.203	1.949	2.006	1.452	1.862	1.394	1.641	3.103
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 13 DAY) (HOUR : 0:00) (PRINT NO. 13)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.145	10.101

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.145	3.204	3.292	3.436	3.696	4.144	4.756	5.476	6.229	7.090	8.068	8.959	9.917	10.101
VELOCITY (M/SEC)	0.255	0.268	0.303	0.346	0.438	0.462	0.471	0.449	0.500	0.501	0.496	0.467	0.359	0.275
DISCHARGE (M**3/S)	283.4	252.6	234.4	217.3	[illegible]	184.5	179.6	[illegible]	169.5	189.9	199.6	181.8	104.7	147.8
SECTION (M**2)	1113.4	943.5	731.7	[illegible]	[illegible]	[illegible]	365.6	338.4	339.0	378.9	402.2	389.1	291.7	537.8
HY. RADIUS(M)	6.126	5.199	4.390	[illegible]	[illegible]	2.467	2.360	2.142	.215	1.753	2.136	1.771	1.871	3.524
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

------------------ THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF NYITMAKA RIVER ------------------
------------------ BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER- ------------------
------------------ SECTION : (1) = <1> ; (5) DANWI ST. ; (11) GANMUN ST. ; (14) = <2> ------------------
------------------ INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC. ------------------
------------------ PERIOD : DURING JUNE TO SEPTEMBER 1974 ------------------

------------------ (DAY = 14 DAY) -----(HOUR : 0:00) ------------------ (PRINT NO. 14) ----------

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.511	10.608

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.511	3.557	3.633	3.772	4.038	4.499	5.172	5.959	6.803	7.630	8.538	9.411	10.360	10.608
VELOCITY (M/SEC)	0.233	0.253	0.300	0.362	0.438	0.511	0.557	0.570	0.554	0.537	0.532	0.511	0.418	0.345
DISCHARGE (M**3/S)	275.4	254.4	251.5	247.4	239.5	232.9	238.9	236.3	242.0	266.0	263.7	249.3	152.2	212.3
SECTION (M**2)	1179.6	1005.7	839.6	683.1	546.3	455.9	429.2	414.9	436.5	495.7	495.8	487.9	364.0	615.1
HY. RADIUS(M)	6.389	5.440	4.612	3.322	3.153	2.744	2.618	2.537	2.335	2.250	2.256	2.197	2.085	3.966
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

------------------ (DAY = 15 DAY) -----(HOUR : 0:00) ------------------ (PRINT NO. 15) ----------

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.145	10.911

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.145	3.254	3.422	3.695	4.145	4.785	5.583	6.431	7.280	8.073	8.950	9.792	10.675	10.911
VELOCITY (M/SEC)	0.350	0.371	0.421	0.433	0.550	0.605	0.634	0.635	0.609	0.584	0.577	0.542	0.430	0.351
DISCHARGE (M**3/S)	389.3	353.4	338.3	323.9	310.3	304.0	314.3	312.5	322.6	346.6	337.5	309.6	181.0	232.5
SECTION (M**2)	1113.4	952.1	803.3	670.0	564.0	502.6	496.1	492.3	529.5	592.9	585.3	571.5	420.5	661.8
HY. RADIUS(M)	6.126	5.235	4.469	3.762	3.239	2.766	2.895	2.904	2.743	2.653	2.594	2.552	2.229	4.228
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

------------------ (DAY = 16 DAY) -----(HOUR : 0:00) ------------------ (PRINT NO. 16) ----------

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.450	10.961

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.450	3.594	3.804	4.121	4.588	5.186	5.719	6.664	7.430	8.139	8.930	9.720	10.670	10.961
VELOCITY (M/SEC)	0.413	0.454	0.481	0.534	0.532	0.619	0.636	0.624	0.590	0.561	0.551	0.537	0.458	0.393
DISCHARGE (M**3/S)	482.2	433.9	418.1	395.4	371.7	353.0	351.7	333.8	329.9	340.3	320.3	298.4	192.2	262.9
SECTION (M**2)	1158.0	1012.4	869.4	742.5	639.0	573.5	553.2	535.4	559.2	607.3	580.8	555.7	419.5	669.5
HY. RADIUS(M)	5.344	5.166	4.733	4.373	3.937	3.271	3.113	3.100	2.358	2.713	2.575	2.455	2.227	4.271
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITHAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAAWI ST. ; (11) DAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 500 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 17 DAY) ----- (HOUR : 0:00) ----- (PRINT NO. 17)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.450	11.023

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.450	3.673	3.978	4.402	4.970	5.646	6.416	7.197	7.940	8.685	9.540	10.343	10.947	11.023
VELOCITY (M/SEC)	0.515	0.534	0.577	0.622	0.662	0.686	0.690	0.674	0.651	0.645	0.641	0.545	0.329	0.202
DISCHARGE (M**3/S)	602.3	548.7	519.1	492.6	467.0	446.2	443.0	421.0	430.9	470.2	459.1	377.7	156.0	137.5
SECTION (M**2)	1168.6	1026.7	900.0	791.7	705.3	650.6	641.9	624.6	662.3	728.5	715.9	693.5	474.0	679.2
HY. RADIUS(M)	6.344	5.521	4.860	4.309	3.885	3.621	3.380	3.498	3.206	3.204	3.141	3.061	2.355	4.324
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 18 DAY) ----- (HOUR : 0:00) ----- (PRINT NO. 18)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.755	10.842

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.755	3.928	4.186	4.567	5.097	5.736	6.474	7.221	7.928	8.567	9.263	9.951	10.663	10.842
VELOCITY (M/SEC)	0.463	0.496	0.553	0.608	0.653	0.677	0.680	0.660	0.615	0.575	0.555	0.507	0.384	0.303
DISCHARGE (M**3/S)	573.1	531.6	517.9	499.3	474.9	451.2	443.6	414.7	405.7	403.6	363.4	307.4	160.8	197.2
SECTION (M**2)	1224.6	1072.7	937.3	820.5	727.0	666.2	652.0	628.7	659.7	702.2	654.5	606.6	418.3	651.1
HY. RADIUS(M)	6.560	5.700	5.015	4.435	3.983	3.689	3.406	3.516	3.200	3.098	2.885	2.700	2.224	4.169
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 19 DAY) ----- (HOUR : 0:00) ----- (PRINT NO. 19)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	3.846	10.785

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.846	3.948	4.104	4.350	4.734	5.262	5.939	6.677	7.420	8.112	8.881	9.651	10.535	10.785
VELOCITY (M/SEC)	0.301	0.333	0.433	0.491	0.549	0.596	0.621	0.617	0.584	0.550	0.538	0.516	0.426	0.355
DISCHARGE (M**3/S)	447.3	412.4	399.8	384.5	364.4	347.5	345.5	329.7	325.5	330.9	306.4	278.5	168.3	228.1
SECTION (M**2)	1241.5	1070.5	722.5	732.0	563.9	533.4	556.8	534.3	557.2	601.3	570.0	540.3	395.4	642.3
HY. RADIUS(M)	6.024	5.715	4.954	4.209	3.734	3.323	3.126	3.095	2.350	2.088	2.533	2.420	2.165	4.119
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) JANWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 500 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 20 DAY) ----- (HOUR : 0:00) (PRINT NO. 20)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 4.029 10.689

RIVER (NO.) (1)														
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.029	4.129	4.276	4.504	4.857	5.354	5.956	6.592	7.216	7.878	8.653	9.446	10.412	10.689
VELOCITY (M/SEC)	0.360	0.379	0.425	0.483	0.538	0.576	0.581	0.560	0.533	0.518	0.513	0.507	0.435	0.369
DISCHARGE (M**3/S)	458.5	421.0	405.0	388.5	369.0	345.2	325.0	291.1	275.7	284.9	266.7	251.1	162.3	231.8
SECTION (M**2)	1275.3	1109.8	953.4	809.5	685.6	599.3	559.7	519.6	516.9	553.1	519.8	495.5	373.4	627.6
HY. RADIUS(M)	6.753	5.845	5.082	4.387	3.798	3.398	3.137	3.029	2.687	2.476	2.317	2.230	2.109	4.037
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 21 DAY) ----- (HOUR : 0:00) (PRINT NO. 21)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 3.999 10.483

RIVER (NO.) (1)														
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.999	4.078	4.198	4.390	4.699	5.154	5.767	6.473	7.220	7.959	8.804	9.617	10.353	10.483
VELOCITY (M/SEC)	0.321	0.341	0.385	0.439	0.499	0.552	0.584	0.592	0.574	0.555	0.546	0.493	0.345	0.247
DISCHARGE (M**3/S)	407.6	374.7	361.6	340.8	328.2	311.6	308.2	295.4	296.9	315.0	302.2	262.6	125.3	147.0
SECTION (M**2)	1269.6	1100.4	939.4	789.5	658.0	565.0	527.4	499.2	517.7	567.8	553.1	532.9	362.8	595.9
HY. RADIUS(M)	6.731	5.808	5.023	4.299	3.676	3.246	3.015	2.937	2.690	2.550	2.458	2.389	2.082	3.859
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 22 DAY) ----- (HOUR : 0:00) (PRINT NO. 22)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 4.060 10.323

RIVER (NO.) (1)														
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.121	7.909	8.576	9.335	10.136	10.323
VELOCITY (M/SEC)	0.322	[illegible]	0.330	0.431	0.436	[illegible]	0.588	0.570	0.543	0.512	0.496	0.464	0.363	0.288
DISCHARGE (M**3/S)	[illegible]	377.5	361.3	[illegible]	322.6	303.9	[illegible]	279.1	273.5	274.1	249.7	218.8	118.3	164.3
SECTION (M**2)	[illegible]	1111.7	[illegible]	[illegible]	[illegible]	[illegible]	523.5	490.0	495.4	535.0	503.3	471.3	326.0	571.4
HY. RADIUS(M)	[illegible]	5.652	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.265	2.126	1.979	3.718
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DANWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 23 DAY) (HOUR : 0:00) (PRINT NO. 23)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 3.450 10.411

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.450	3.703	4.032	4.472	5.047	5.729	6.356	6.899	7.336	7.930	8.735	9.549	10.281	10.411
VELOCITY (M/SEC)	0.548	0.562	0.596	0.635	0.671	0.657	0.591	0.515	0.489	0.519	0.532	0.485	0.340	0.244
DISCHARGE (M**3/S)	640.4	580.2	541.9	510.2	482.6	436.7	373.0	294.6	264.3	291.5	286.3	251.0	119.1	142.7
SECTION (M**2)	1168.6	1032.0	909.6	804.0	718.9	665.0	631.0	572.3	540.4	561.5	537.9	518.0	349.9	584.9
HY. RADIUS(M)	6.344	5.542	4.900	4.362	3.944	3.684	3.352	3.267	2.787	2.523	2.394	2.326	2.049	3.796
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 24 DAY) (HOUR : 0:00) (PRINT NO. 24)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 3.572 10.263

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	3.572	3.782	4.087	4.521	5.105	5.738	6.424	6.971	7.421	7.942	8.617	9.340	10.096	10.263
VELOCITY (M/SEC)	0.508	0.535	0.589	0.640	0.679	0.663	0.599	0.525	0.481	0.479	0.480	0.453	0.347	0.269
DISCHARGE (M**3/S)	604.8	559.3	541.3	520.1	494.7	448.1	385.1	306.9	268.4	270.3	245.7	213.7	111.0	151.3
SECTION (M**2)	1190.8	1046.3	919.4	812.6	728.9	675.7	643.4	584.7	557.5	564.2	511.9	472.2	319.9	562.4
HY. RADIUS(M)	6.431	5.597	4.941	4.430	3.988	3.712	3.384	3.322	2.851	2.535	2.284	2.130	1.959	3.666
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 25 DAY) (HOUR : 0:00) (PRINT NO. 25)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 4.029 10.210

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.029	4.113	4.251	4.457	4.772	5.200	5.739	6.322	6.927	7.564	8.295	9.070	9.994	10.210
VELOCITY (M/SEC)	0.342	0.361	0.405	[illegible]	[illegible]	0.526	0.535	0.519	0.493	0.474	[illegible]	0.459	0.375	0.304
DISCHARGE (M**3/S)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	275.7	[illegible]	[illegible]	[illegible]	[illegible]	169.7	[illegible]	168.4
SECTION (M**2)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	474.4	[illegible]	[illegible]	446.7	413.4	303.7	554.4
HY. RADIUS(M)	[illegible]	[illegible]	[illegible]	[illegible]	3.732	[illegible]	2.947	[illegible]	2.437	2.193	2.198	1.676	1.409	3.620
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 26 DAY) (HOUR : 0:00) (PRINT NO. 26)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 4.334 10.145

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.334	4.374	4.435	4.535	4.705	4.981	5.414	5.984	6.641	7.363	8.156	8.976	9.939	10.145
VELOCITY (M/SEC)	0.235	0.250	0.283	0.327	0.380	0.436	0.480	0.499	0.493	0.478	0.474	0.461	0.370	0.293
DISCHARGE (M**3/S)	313.5	288.2	278.1	266.4	250.2	233.7	225.1	209.0	201.1	209.4	198.4	181.0	109.1	159.4
SECTION (M**2)	1332.7	1155.0	982.0	814.9	658.9	535.8	468.6	418.9	408.1	437.8	418.7	392.8	295.2	544.4
HY. RADIUS(M)	6.965	6.022	5.200	4.410	3.680	3.115	2.781	2.556	2.307	1.999	2.165	1.787	1.882	3.562
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 27 DAY) (HOUR : 0:00) (PRINT NO. 27)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 4.334 10.241

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.334	4.379	4.445	4.549	4.723	5.004	5.421	5.954	6.560	7.270	8.062	8.897	9.982	10.241
VELOCITY (M/SEC)	0.247	0.260	0.291	0.332	0.384	0.434	0.468	0.479	0.476	0.468	0.467	0.470	0.402	0.333
DISCHARGE (M**3/S)	328.3	300.1	286.0	271.4	254.1	234.3	219.7	198.4	187.4	195.5	187.3	176.7	121.3	186.3
SECTION (M**2)	1332.7	1155.9	983.8	817.5	662.0	539.7	469.7	414.1	393.8	417.8	401.2	375.8	302.0	559.1
HY. RADIUS(M)	6.965	6.025	5.207	4.422	3.695	3.132	2.785	2.533	2.293	1.913	2.133	1.712	1.903	3.647
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 28 DAY) (HOUR : 0:00) (PRINT NO. 28)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 4.517 10.633

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.517	4.546	4.590	4.664	4.797	5.029	5.431	6.016	6.753	7.554	8.472	9.371	10.375	10.633
VELOCITY (M/SEC)	0.200	0.214	0.246	0.289	0.346	0.414	0.478	0.520	0.530	0.528	0.532	0.519	0.423	0.353
DISCHARGE (M**3/S)	274.0	253.9	243.3	[illegible]	[illegible]	[illegible]	[illegible]	220.3	226.3	252.9	[illegible]	248.3	157.0	219.5
SECTION (M**2)	1367.2	1137.4	1010.2	837.8	674.9	543.9	471.4	424.2	427.7	479.4	482.5	476.9	366.8	618.9
HY. RADIUS(M)	7.092	6.144	5.314	[illegible]	[illegible]	3.151	2.792	2.561	2.327	2.179	2.240	2.159	2.092	3.988
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 29 DAY) —— (HOUR : 0:00) —— (PRINT NO. 29)

BOUNDARY	(NO.)	< 1 >	< 2 > <
WATER STAGE	(M)	4.639	11.212

RIVER	(NO.)	(1)													
SECTION	(NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST.	(M)	4.639	4.686	4.756	4.867	5.054	5.358	5.841	6.486	7.223	7.970	8.823	9.687	10.818	11.212
VELOCITY	(M/SEC)	0.256	0.272	0.308	0.356	0.417	0.486	0.547	0.579	0.574	0.559	0.561	0.571	0.523	0.470
DISCHARGE	(M**3/S)	356.4	329.7	320.5	311.6	300.4	291.8	295.5	290.5	297.7	318.8	312.5	312.9	234.2	333.2
SECTION	(M**2)	1390.6	1213.8	1040.7	874.2	720.1	600.1	540.1	501.4	518.4	570.3	557.2	548.4	448.0	708.7
HY. RADIUS	(M)	7.175	6.243	5.435	4.661	3.950	3.401	3.063	2.947	2.693	2.560	2.475	2.455	2.295	4.485
ROUGHNESS	(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 30 DAY) —— (HOUR : 0:00) —— (PRINT NO. 30)

BOUNDARY	(NO.)	< 1 >	< 2 > <
WATER STAGE	(M)	4.639	11.922

RIVER	(NO.)	(1)													
SECTION	(NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST.	(M)	4.639	4.724	4.849	5.045	5.359	5.829	6.464	7.195	7.948	8.703	9.569	10.445	11.515	11.922
VELOCITY	(M/SEC)	0.344	0.365	0.414	0.476	0.544	0.612	0.653	0.666	0.656	0.652	0.665	0.655	0.580	0.522
DISCHARGE	(M**3/S)	478.9	446.1	433.1	431.0	425.3	413.5	424.7	415.8	435.3	477.8	480.1	469.2	344.7	428.0
SECTION	(M**2)	1390.6	1220.9	1057.4	906.2	774.2	633.3	650.8	624.3	663.8	732.4	722.5	716.2	594.3	820.6
HY. RADIUS	(M)	7.175	6.270	5.503	4.774	4.192	3.723	3.403	3.470	3.210	3.220	3.169	3.154	2.644	5.084
ROUGHNESS	(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03080	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 31 DAY) —— (HOUR : 0:00) —— (PRINT NO. 31)
1-7-1974

BOUNDARY	(NO.)	< 1 >	< 2 > <
WATER STAGE	(M)	4.822	12.554

RIVER	(NO.)	(1)													
SECTION	(NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST.	(M)	4.822	4.999	5.232	5.345	5.305	5.500	7.137	7.934	8.682	9.362	10.114	10.914	12.035	12.554
VELOCITY	(M/SEC)	0.507	0.523	0.500	0.601	0.637	0.673	0.708	0.716	0.692	0.677	0.692	0.706	0.668	0.630
DISCHARGE	(M**3/S)	723.1	666.4	632.9	601.1	564.3	547.0	550.7	543.2	569.2	596.5	584.5	579.5	476.2	530.4
SECTION	(M**2)	1425.9	1273.3	1129.4	994.1	885.3	812.9	792.0	756.6	822.4	880.9	844.3	821.3	715.4	922.3
HY. RADIUS	(M)	7.301	6.464	5.779	5.163	4.538	3.871	3.761	3.872	3.585	3.810	3.673	3.581	2.933	5.605
ROUGHNESS	(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 32 DAY) (HOUR : 0:00) (PRINT NO. 32)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	4.639	13.262

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.639	4.901	5.237	5.668	6.218	6.877	7.654	8.473	9.267	9.937	10.670	11.464	12.641	13.262
VELOCITY (M/SEC)	0.612	0.629	0.665	0.701	0.725	0.744	0.765	0.766	0.738	0.725	0.749	0.776	0.762	0.738
DISCHARGE (M**3/S)	851.3	788.9	751.6	715.5	676.5	664.6	681.5	665.6	707.2	733.9	726.1	733.6	661.9	766.5
SECTION (M**2)	1390.6	1254.5	1130.3	1021.0	933.4	893.5	890.8	869.3	958.6	1011.8	969.5	945.3	868.5	1038.2
HY. RADIUS(M)	7.175	6.396	5.783	5.241	4.620	3.935	3.987	3.932	3.906	4.331	4.181	4.085	3.267	6.180
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 33 DAY) (HOUR : 0:00) (PRINT NO. 33)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	4.761	13.902

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	4.761	5.064	5.454	5.954	6.389	7.327	8.151	9.054	9.366	10.566	11.324	12.121	13.256	13.902
VELOCITY (M/SEC)	0.665	0.686	0.729	0.765	0.733	0.788	0.439	0.811	0.792	0.800	0.825	0.638	0.817	0.796
DISCHARGE (M**3/S)	940.8	882.5	854.0	824.1	751.4	766.4	816.2	815.4	880.3	930.1	922.6	916.8	847.4	913.2
SECTION (M**2)	1414.1	1285.9	1171.3	1075.5	1017.6	958.3	1008.6	1004.3	1111.0	1162.3	1118.2	1094.6	1037.5	1144.9
HY. RADIUS(M)	7.257	6.599	5.939	5.547	4.590	4.355	4.365	4.041	4.263	4.547	4.776	4.690	3.601	6.692
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 34 DAY) (HOUR : 0:00) (PRINT NO. 34)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	5.096	14.306

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.096	5.386	5.773	6.278	6.943	7.723	8.554	9.505	10.323	11.057	11.836	12.685	13.734	14.306
VELOCITY (M/SEC)	0.665	0.692	0.745	0.792	0.814	0.813	0.836	0.845	0.840	0.862	0.897	0.887	0.814	0.778
DISCHARGE (M**3/S)	933.7	932.4	918.3	902.1	886.5	892.4	955.3	946.3	1060.9	1107.1	1129.2	1084.5	959.3	943.4
SECTION (M**2)	1475.9	1348.0	1232.1	1139.4	1088.5	1097.4	1142.4	1119.7	1263.7	1283.3	1258.6	1223.3	1178.4	1213.2
HY. RADIUS(M)	7.478	6.734	6.143	5.521	4.773	4.158	4.143	4.151	4.562	5.332	5.222	5.204	3.857	7.010
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITHAKA RIVER
BOUNDARY : <1> KUNHAYKAIN STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 35 DAY) ——(HOUR : 0:00) —— (PRINT NO. 35)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 5.706 14.370

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.706	5.987	6.355	6.843	7.475	8.201	8.896	9.795	10.522	11.192	11.930	12.684	13.746	14.370
VELOCITY (M/SEC)	0.679	0.704	0.753	0.792	0.807	0.779	0.801	0.820	0.808	0.843	0.867	0.866	0.837	0.815
DISCHARGE (M**3/S)	1087.3	1033.0	1015.7	997.4	980.5	956.5	1041.3	983.5	1119.6	1110.6	1117.6	1059.5	989.3	998.1
SECTION (M**2)	1600.2	1467.0	1348.8	1258.9	1215.6	1228.5	1300.5	1199.8	1385.1	1317.3	1289.6	1223.1	1182.4	1224.1
HY. RADIUS(M)	7.893	7.132	6.440	5.730	4.920	4.302	4.235	4.242	4.673	5.452	5.300	5.203	3.864	7.060
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 36 DAY) ——(HOUR : 0:00) —— (PRINT NO. 36)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 5.889 14.443

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.889	6.210	6.620	7.144	7.798	8.495	9.242	10.009	10.657	11.243	11.934	12.673	13.774	14.443
VELOCITY (M/SEC)	0.734	0.755	0.795	0.823	0.816	0.793	0.788	0.772	0.766	0.807	0.850	0.871	0.861	0.848
DISCHARGE (M**3/S)	1202.6	1142.1	1116.3	1090.5	1059.1	1099.7	1159.0	984.9	1124.3	1073.4	1097.8	1062.7	1026.1	1048.9
SECTION (M**2)	1637.9	1512.4	1403.8	1325.8	1298.4	1386.6	1470.9	1276.3	1467.2	1329.9	1290.8	1220.7	1191.2	1236.4
HY. RADIUS(M)	8.009	7.256	6.554	5.806	5.026	4.384	4.278	4.313	4.735	5.496	5.303	5.194	3.879	7.115
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 37 DAY) ——(HOUR : 0:00) —— (PRINT NO. 37)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 5.797 14.597

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.797	6.400	7.008	7.633	8.253	8.849	9.437	10.164	10.751	11.318	12.004	12.754	13.890	14.597
VELOCITY (M/SEC)	1.002	0.977	0.926	0.852	0.784	0.741	0.743	0.736	0.748	0.806	0.859	0.889	0.889	0.380
DISCHARGE (M**3/S)	1623.0	1515.1	1377.4	1243.3	1124.3	1139.4	1183.2	1010.5	1140.9	1086.6	1129.1	1101.4	1090.9	1111.7
SECTION (M**2)	1619.0	1551.0	1437.4	1442.3	1434.5	1605.3	1592.9	1373.0	1525.0	1348.6	1314.0	1239.1	1227.3	1262.8
HY. RADIUS(M)	7.551	7.361	6.724	5.906	5.135	4.455	4.313	4.373	4.773	5.562	5.360	5.267	3.940	7.204
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWAI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 38 DAY) (HOUR : 0:00) (PRINT NO. 38)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 5.828 14.508

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.828	6.337	6.927	7.603	8.338	8.979	9.592	10.254	10.848	11.413	12.103	12.846	13.891	14.508
VELOCITY (M/SEC)	0.925	0.931	0.938	0.917	0.838	0.748	0.731	0.738	0.755	0.814	0.867	0.874	0.842	0.820
DISCHARGE (M**3/S)	1503.4	1432.8	1378.4	1315.8	1241.2	1278.7	1202.3	1054.5	1195.3	1117.1	1167.1	1101.6	1033.8	1022.5
SECTION (M**2)	1625.3	1538.2	1469.8	1434.5	1481.7	1710.0	1645.3	1429.7	1583.7	1372.3	1346.9	1260.1	1227.5	1247.6
HY. RADIUS(M)	7.971	7.326	6.692	5.994	5.207	4.460	4.328	4.408	4.822	5.646	5.442	5.350	3.941	7.152
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 39 DAY) (HOUR : 0:00) (PRINT NO. 39)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 5.980 14.548

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.980	6.421	6.958	7.601	8.331	8.997	9.617	10.293	10.895	11.439	12.110	12.825	13.892	14.548
VELOCITY (M/SEC)	0.867	0.883	0.908	0.906	0.844	0.758	0.738	0.745	0.752	0.802	0.853	0.870	0.860	0.846
DISCHARGE (M**3/S)	1435.9	1373.0	1340.1	1298.8	1247.2	1305.6	1222.9	1083.7	1212.0	1105.9	1153.1	1092.7	1056.0	1061.2
SECTION (M**2)	1656.7	1555.5	1476.4	1434.1	1477.7	1723.0	1658.1	1454.0	1612.7	1378.7	1352.0	1255.4	1228.1	1254.4
HY. RADIUS(M)	3.067	7.373	6.736	5.993	5.205	4.461	4.333	4.423	4.844	5.669	5.445	5.331	3.942	7.175
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 40 DAY) (HOUR : 0:00) (PRINT NO. 40)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 5.980 14.698

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	5.980	6.476	7.042	7.687	8.381	9.024	9.648	10.322	10.915	11.457	12.126	12.870	13.995	14.698
VELOCITY (M/SEC)	[illegible]	0.721	0.922	0.897	0.829	0.753	0.739	0.745	0.749	0.802	0.863	0.895	0.894	0.884
DISCHARGE (M**3/S)	[illegible]	1445.7	[illegible]	[illegible]	[illegible]	1312.7	1236.6	1093.7	1217.1	1109.7	1177.7	1133.4	1126.3	1132.3
SECTION (M**2)	1656.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1265.7	[illegible]	1283.3
HY. RADIUS(M)	3.067	7.404	6.745	[illegible]	5.211	[illegible]	4.343	[illegible]	[illegible]	5.634	5.452	5.372	[illegible]	[illegible]
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWEI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1975

(DAY = 41 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 41)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.041	14.830

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.041	6.493	7.040	7.691	8.416	9.074	9.697	10.370	10.966	11.545	12.236	13.053	14.172	14.830
VELOCITY (M/SEC)	0.880	0.895	0.918	0.910	0.842	0.758	0.739	0.746	0.767	0.828	0.901	0.929	0.890	0.863
DISCHARGE (M**3/S)	1469.1	1405.9	1371.6	1325.6	1284.6	1349.2	1256.3	1120.2	1271.0	1163.7	1303.6	1214.9	1170.4	1124.3
SECTION (M**2)	1669.3	1570.7	1494.4	1455.1	1525.4	1780.9	1699.2	1501.5	1656.3	1405.1	1446.8	1307.6	1315.7	1303.0
HY. RADIUS(M)	8.135	7.413	6.744	6.028	5.227	4.464	4.352	4.453	4.876	5.762	5.503	5.537	4.091	7.339
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 42 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 42)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.315	14.984

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.315	6.699	7.181	7.776	8.460	9.117	9.755	10.444	11.058	11.652	12.343	13.109	14.267	14.984
VELOCITY (M/SEC)	0.822	0.842	0.877	0.881	0.831	0.763	0.750	0.759	0.783	0.840	0.893	0.930	0.924	0.908
DISCHARGE (M**3/S)	1419.5	1359.7	1338.3	1304.9	1288.3	1383.6	1296.2	1175.0	1340.4	1202.4	1363.2	1227.6	1243.9	1207.2
SECTION (M**2)	1727.5	1614.1	1526.5	1481.4	1553.1	1813.7	1728.7	1547.7	1711.9	1431.6	1527.0	1320.6	1346.0	1329.9
HY. RADIUS(M)	8.271	7.528	6.813	6.061	5.238	4.466	4.367	4.481	4.917	5.855	5.552	5.588	4.151	7.408
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 43 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 43)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.468	15.185

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.468	6.893	7.396	7.988	8.628	9.290	9.944	10.566	11.133	11.712	12.409	13.190	14.407	15.185
VELOCITY (M/SEC)	0.869	0.879	0.892	0.872	0.823	0.772	0.738	0.728	0.767	0.841	0.904	0.955	0.966	0.955
DISCHARGE (M**3/S)	1530.1	1454.4	1404.4	1342.1	1333.7	1444.6	1347.1	1209.6	1348.3	1229.5	1424.9	1279.2	1344.3	1304.4
SECTION (M**2)	1759.4	1654.8	1575.2	1533.1	1644.4	1743.0	1825.7	1661.7	1757.9	1462.3	1576.3	1339.0	1391.8	1366.1
HY. RADIUS(M)	8.369	7.636	6.917	6.141	5.230	4.474	4.413	4.490	4.952	5.895	5.583	5.660	4.260	7.451
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

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THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION     ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION  : (1) = <1> ; (5) DAWWI ST.  ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M        ; DT = 600 SEC.
PERIOD   : DURING JUNE TO SEPTEMBER 1974
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(DAY = 44 DAY) —— (HOUR : 0:00) —— (PRINT NO. 44)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.285	15.367

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.285	6.799	7.400	8.091	8.800	9.450	10.066	10.683	11.236	11.815	12.517	13.338	14.580	15.367
VELOCITY (M/SEC)	0.950	0.959	0.968	0.931	0.843	0.759	0.727	0.724	0.767	0.848	0.926	0.986	0.987	0.970
DISCHARGE (M**3/S)	1635.0	1568.3	1525.5	1459.2	1476.1	1565.2	1373.4	1285.8	1395.7	1289.9	1534.8	1354.3	1429.3	1356.2
SECTION (M**2)	1721.0	1635.(	1576.1	1567.1	1751.5	2063.5	1888.2	1775.3	1820.7	1520.4	1657.1	1373.2	1448.4	1398.7
HY. RADIUS(M)	8.253	7.584	6.919	6.180	5.307	4.481	4.443	4.493	4.998	5.957	5.632	5.794	4.396	7.490
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 45 DAY) —— (HOUR : 0:00) —— (PRINT NO. 45)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.407	15.546

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.407	6.876	7.447	8.124	8.836	9.458	10.072	10.731	11.347	11.973	12.706	13.554	14.778	15.546
VELOCITY (M/SEC)	0.913	0.931	0.955	0.929	0.835	0.749	0.740	0.759	0.808	0.882	0.956	1.008	0.992	0.967
DISCHARGE (M**3/S)	1595.3	1537.0	1514.6	1465.8	1485.2	1551.5	1399.1	1382.1	1525.7	1420.5	1719.4	1461.4	1521.7	1416.6
SECTION (M**2)	1746.9	1651.2	1586.7	1577.8	1777.9	2070.1	1891.2	1821.9	1888.6	1610.0	1799.3	1450.0	1534.5	1465.4
HY. RADIUS(M)	8.327	7.626	6.942	6.192	5.308	4.482	4.445	4.494	5.049	6.052	5.719	5.970	4.541	7.520
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 46 DAY) —— (HOUR : 0:00) —— (PRINT NO. 46)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.407	15.710

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.407	6.883	7.458	8.133	8.839	9.459	10.101	10.797	11.471	12.132	12.868	13.684	14.903	15.710
VELOCITY (M/SEC)	0.920	0.936	0.955	0.926	0.833	0.758	0.759	0.789	0.842	0.902	0.955	1.007	1.011	0.996
DISCHARGE (M**3/S)	1607.7	1546.5	1518.0	1465.3	1482.6	1569.1	1447.4	1487.9	1654.7	1533.8	1834.4	1554.7	1648.2	1537.2
SECTION (M**2)	1746.9	1652.9	1539.2	1531.7	1779.8	2070.7	1905.9	1880.2	1964.3	1699.8	1921.0	1544.6	1631.1	1543.2
HY. RADIUS(M)	8.327	7.651	6.947	6.175	5.338	4.482	4.452	4.496	5.105	6.148	5.793	6.041	4.614	7.542
ROUGHNESS(MANNING)	0.03300	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 47 DAY) ——(HOUR : 0:00) —— (PRINT NO. 47)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 6.590 16.213

RIVER (NO.)	(1)													
SECTION (NO.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
WATER ST. (M)	6.590	7.014	7.541	8.178	8.868	9.507	10.167	10.891	11.574	12.227	13.001	13.870	15.221	16.213
VELOCITY (M/SEC)	0.876	0.896	0.926	0.913	0.835	0.769	0.773	0.801	0.845	0.916	0.990	1.065	1.110	1.120
DISCHARGE (M**3/S)	1563.9	1507.0	1489.7	1457.4	1503.8	1620.6	1514.1	1583.5	1713.7	1647.8	2001.1	1788.7	2082.4	2095.5
SECTION (M**2)	1785.9	1681.3	1608.9	1601.2	1800.8	2106.3	1958.3	1977.9	2027.1	1798.6	2020.9	1679.4	1876.1	1871.5
HY. RADIUS(M)	8.437	7.704	6.991	6.207	5.309	4.484	4.460	4.498	5.151	6.167	5.854	6.142	4.798	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 48 DAY) ——(HOUR : 0:00) —— (PRINT NO. 48)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 6.651 15.886

RIVER (NO.)	(1)													
SECTION (NO.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
WATER ST. (M)	6.651	7.086	7.620	8.255	8.936	9.573	10.249	10.991	11.711	12.383	13.182	14.031	15.195	15.886
VELOCITY (M/SEC)	0.859	0.908	0.931	0.908	0.833	0.775	0.783	0.819	0.866	0.934	0.997	1.022	0.975	0.930
DISCHARGE (M**3/S)	1599.9	1540.2	1510.1	1454.9	1335.5	1673.2	1587.2	1698.9	1823.0	1863.5	2151.0	1861.2	1810.4	1513.7
SECTION (M**2)	1749.0	1697.0	1626.6	1635.1	1549.2	2156.4	2025.9	2075.3	2111.1	1996.0	2157.2	1820.4	1856.1	1627.2
HY. RADIUS(M)	8.474	7.745	7.335	6.228	5.311	4.487	4.469	4.501	5.213	6.168	5.936	6.215	4.783	7.567
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 49 DAY) ——(HOUR : 0:00) —— (PRINT NO. 49)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 6.773 15.892

RIVER (NO.)	(1)													
SECTION (NO.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
WATER ST. (M)	6.773	7.287	7.852	8.456	9.077	9.695	10.306	11.118	11.840	12.496	13.218	14.006	15.124	15.892
VELOCITY (M/SEC)	0.971	0.905	0.939	0.881	0.806	0.768	0.789	0.824	0.863	0.905	0.955	0.994	0.990	0.981
DISCHARGE (M**3/S)	1772.3	1577.5	1583.4	1519.1	1571.4	1721.3	1673.6	1611.4	1898.2	1937.4	2085.7	1771.8	1783.5	1598.5
SECTION (M**2)	1825.3	1743.1	1666.1	1723.4	1953.3	2240.7	2121.4	2199.1	2198.9	2140.2	2184.0	1782.7	1801.2	1630.0
HY. RADIUS(M)	8.547	7.359	7.165	6.233	5.314	4.492	4.482	4.504	5.263	6.164	5.952	6.214	4.742	7.568
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 50 DAY) (HOUR : 0:00) (PRINT NO. 50)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.773	15.882

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.773	7.291	7.895	8.565	9.220	9.828	10.496	11.227	11.918	12.546	13.251	14.041	15.157	15.882
VELOCITY (M/SEC)	0.977	0.986	0.982	0.918	0.817	0.765	0.780	0.810	0.846	0.891	0.951	0.995	0.976	0.953
DISCHARGE (M**3/S)	1783.9	1717.5	1666.7	1626.2	1678.2	1796.6	1738.8	1866.3	1921.1	1963.0	2101.3	1824.9	1783.5	1549.5
SECTION (M**2)	1825.3	1741.8	1697.0	1771.4	2053.9	2348.8	2228.4	2304.6	2272.1	2203.3	2208.7	1834.1	1826.8	1625.4
HY. RADIUS(M)	8.547	7.861	7.189	6.313	5.318	4.500	4.496	4.507	5.277	6.170	5.967	6.215	4.761	7.567
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 51 DAY) (HOUR : 0:00) (PRINT NO. 51)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.773	15.860

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.773	7.305	7.930	8.620	9.300	9.920	10.588	11.308	11.991	12.604	13.284	14.043	15.116	15.860
VELOCITY (M/SEC)	0.991	1.002	0.999	0.935	0.829	0.769	0.778	0.805	0.839	0.878	0.934	0.976	0.972	0.964
DISCHARGE (M**3/S)	1809.2	1748.0	1704.3	1679.6	1751.0	1859.8	1792.5	1918.4	1961.5	2000.0	2086.4	1792.4	1745.0	1556.7
SECTION (M**2)	1825.3	1744.9	1705.5	1796.5	2111.4	2418.4	2303.9	2383.6	2339.1	2276.9	2233.6	1837.3	1795.6	1614.6
HY. RADIUS(M)	8.547	7.869	7.209	6.327	5.320	4.506	4.506	4.509	5.290	6.170	5.982	6.215	4.738	7.563
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 52 DAY) (HOUR : 0:00) (PRINT NO. 52)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.894	15.863

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.894	7.412	8.018	8.692	9.370	9.990	10.655	11.367	12.029	12.611	13.240	13.970	15.086	15.863
VELOCITY (M/SEC)	0.982	0.992	0.990	0.930	0.829	0.768	0.775	0.797	0.821	0.850	0.907	0.975	0.991	0.985
DISCHARGE (M**3/S)	1817.9	1754.4	1711.6	1712.5	1792.2	1898.7	1831.0	1944.2	1949.3	1942.1	1997.0	1708.2	1756.4	1592.3
SECTION (M**2)	1851.7	1768.2	1729.5	1841.5	2101.7	2471.2	2362.2	2440.7	2374.4	2285.0	2200.9	1752.4	1771.9	1616.2
HY. RADIUS(M)	8.620	7.934	7.252	6.328	5.322	4.511	4.509	4.510	5.297	6.170	5.963	6.197	4.720	7.564
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 53 DAY) (HOUR : 0:00) (PRINT NO. 53)

BOUNDARY	(NO.)	< 1 >	< 2 >
WATER STAGE	(M)	6.894	15.833

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.894	7.450	8.086	8.770	9.442	10.052	10.705	11.398	12.041	12.615	13.270	14.035	15.130	15.833
VELOCITY (M/SEC)	1.018	1.023	1.006	0.731	0.824	0.762	0.767	0.785	0.813	0.857	0.928	0.982	0.963	0.937
DISCHARGE (M**3/S)	1884.6	1817.0	1764.2	1760.3	1823.3	1919.0	1845.5	1941.1	1938.7	1962.4	2064.1	1793.9	1739.2	1500.7
SECTION (M**2)	1851.7	1776.8	1754.4	1890.5	2213.1	2518.1	2407.4	2471.2	2385.3	2290.0	2223.2	1826.0	1806.2	1601.9
HY. RADIUS(M)	8.620	7.962	7.266	6.330	5.324	4.515	4.509	4.511	5.299	6.170	5.976	6.215	4.746	7.560
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 54 DAY) (HOUR : 0:00) (PRINT NO. 54)

BOUNDARY	(NO.)	< 1 >	< 2 >
WATER STAGE	(M)	6.925	15.809

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.925	7.494	8.143	8.833	9.502	10.106	10.750	11.435	12.079	12.659	13.314	14.059	15.101	15.809
VELOCITY (M/SEC)	1.033	1.036	1.014	0.932	0.821	0.758	0.762	0.784	0.816	0.859	0.922	0.964	0.952	0.940
DISCHARGE (M**3/S)	1918.7	1851.2	1800.2	1799.4	1852.5	1939.4	1864.5	1966.1	1976.1	2016.9	2081.3	1793.4	1698.0	1495.5
SECTION (M**2)	1858.2	1786.8	1775.5	1930.2	2256.2	2559.5	2447.9	2506.7	2421.3	2346.8	2256.6	1861.3	1783.5	1590.5
HY. RADIUS(M)	8.638	7.994	7.277	6.331	5.325	4.519	4.510	4.512	5.306	6.171	5.996	6.215	4.729	7.556
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 55 DAY) (HOUR : 0:00) (PRINT NO. 55)

BOUNDARY	(NO.)	< 1 >	< 2 >
WATER STAGE	(M)	6.894	15.787

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.894	7.508	8.189	8.892	9.559	10.157	10.795	11.472	12.104	12.660	13.262	13.962	15.038	15.787
VELOCITY (M/SEC)	1.071	1.068	1.031	0.936	0.818	0.754	0.753	0.778	0.803	0.832	0.889	0.955	0.971	0.965
DISCHARGE (M**3/S)	1962.6	1910.3	1847.4	1741.2	1832.4	1959.4	1886.3	1978.5	1962.5	1952.4	1970.4	1668.3	1685.2	1525.5
SECTION (M**2)	1851.7	1757.9	1792.3	[illegible]	2247.4	2517.9	2455.0	2543.0	2443.8	2347.1	2217.4	1746.6	1734.9	1580.1
HY. RADIUS(M)	8.620	8.304	7.280	6.332	5.327	4.522	4.511	4.513	5.311	6.171	5.472	6.193	4.692	7.553
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 56 DAY) (HOUR : 0:00) (PRINT NO. 56)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	6.925	15.796

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	6.925	7.537	8.224	8.934	9.602	10.198	10.825	11.481	12.081	12.606	13.170	13.854	14.991	15.796
VELOCITY (M/SEC)	1.071	1.071	1.037	0.939	0.818	0.750	0.749	0.762	0.781	0.805	0.867	0.960	1.000	0.999
DISCHARGE (M**3/S)	1990.8	1923.9	1871.3	1872.1	1904.5	1972.7	1883.8	1943.7	1891.7	1835.3	1862.7	1600.9	1698.7	1583.4
SECTION (M**2)	1858.2	1796.3	1805.1	1993.5	2328.4	2628.9	2516.0	2552.2	2422.9	2278.7	2148.0	1668.1	1698.8	1584.2
HY. RADIUS(M)	8.638	8.025	7.293	6.333	5.328	4.525	4.511	4.513	5.307	6.170	5.931	6.134	4.665	7.555
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 57 DAY) (HOUR : 0:00) (PRINT NO. 57)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.047	15.864

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.047	7.625	8.281	8.970	9.628	10.215	10.829	11.462	12.038	12.552	13.117	13.817	15.008	15.864
VELOCITY (M/SEC)	1.047	1.049	1.020	0.929	0.812	0.744	0.738	0.747	0.769	0.801	0.872	0.976	1.028	1.032
DISCHARGE (M**3/S)	1973.8	1905.3	1862.2	1872.5	1906.1	1965.0	1858.7	1892.9	1832.0	1770.5	1837.4	1601.5	1759.8	1668.4
SECTION (M**2)	1884.6	1816.2	1826.4	2016.3	2347.0	2642.5	2519.4	2533.6	2383.3	2210.1	2108.0	1641.0	1712.0	1616.6
HY. RADIUS(M)	8.712	8.090	7.305	6.334	5.328	4.526	4.511	4.513	5.299	6.170	5.906	6.114	4.675	7.564
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 58 DAY) (HOUR : 0:00) (PRINT NO. 58)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.077	15.980

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.077	7.654	8.311	8.997	9.550	10.239	10.839	11.453	12.012	12.534	13.140	13.896	15.113	15.980
VELOCITY (M/SEC)	1.048	1.050	1.019	0.926	0.811	0.740	0.728	0.736	0.767	0.820	0.906	1.004	1.042	1.042
DISCHARGE (M**3/S)	1952.0	1914.0	1873.0	1883.1	1916.3	1968.5	1839.6	1858.2	1809.6	1793.9	1925.9	1705.0	1867.6	1758.6
SECTION (M**2)	1891.3	1822.4	1837.3	2033.4	2362.7	2660.6	2528.1	2524.3	2359.1	2187.3	2125.6	1698.8	1793.0	1687.3
HY. RADIUS(M)	8.731	8.111	7.311	6.334	5.327	4.527	4.511	4.513	5.294	6.170	5.917	6.157	4.736	7.574
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITHAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 59 DAY) ——(HOUR : 0:00) —— (PRINT NO. 59)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.077 16.075

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.077	7.661	8.325	9.017	9.670	10.255	10.850	11.463	12.039	12.590	13.257	14.050	15.246	16.075
VELOCITY (M/SEC)	1.054	1.056	1.024	0.928	0.810	0.737	0.726	0.742	0.784	0.854	0.942	1.017	1.031	1.023
DISCHARGE (M**3/S)	1993.9	1927.0	1887.5	1838.4	1925.0	1970.7	1843.4	1879.0	1870.1	1927.7	2085.5	1879.0	1964.1	1802.6
SECTION (M**2)	1891.3	1924.3	1842.5	2045.6	2377.1	2672.6	2538.8	2533.9	2383.8	2258.5	2213.5	1848.4	1905.6	1762.4
HY. RADIUS(M)	8.731	8.116	7.314	6.335	5.330	4.528	4.512	4.513	5.299	6.170	5.970	6.215	4.805	7.576
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 60 DAY) ——(HOUR : 0:00) —— (PRINT NO. 60)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.352 16.093

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.352	7.855	8.438	9.065	9.690	10.264	10.865	11.497	12.107	12.679	13.358	14.134	15.278	16.093
VELOCITY (M/SEC)	0.992	0.996	0.972	0.897	0.798	0.736	0.734	0.759	0.804	0.866	0.942	1.001	1.016	1.015
DISCHARGE (M**3/S)	1936.0	1859.8	1832.0	1861.6	1907.4	1972.1	1872.9	1948.2	1966.6	2054.5	2156.9	1973.8	1982.7	1803.0
SECTION (M**2)	1951.5	1868.0	1884.0	2075.0	2391.4	2679.9	2551.6	2567.1	2446.6	2372.0	2289.3	1971.8	1952.4	1777.1
HY. RADIUS(M)	8.903	8.259	7.337	6.336	5.330	4.529	4.512	4.514	5.311	6.171	6.016	6.217	4.807	7.576
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 61 DAY) ——(HOUR : 0:00) —— (PRINT NO. 61)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.260 16.241

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.260	7.811	8.442	9.099	9.725	10.302	10.909	11.555	12.173	12.740	13.393	14.150	15.324	16.241
VELOCITY (M/SEC)	1.033	1.035	1.002	0.907	0.799	0.739	0.740	0.766	0.804	0.856	0.929	1.004	1.055	1.078
DISCHARGE (M**3/S)	1995.1	1923.1	1888.6	1902.3	1930.5	2003.7	1913.4	2009.1	2017.9	2094.9	2151.1	2003.3	2128.6	2040.6
SECTION (M**2)	1931.4	1858.0	1885.4	2390.[illegible]	2410.5	2710.7	2592.0	2623.7	2508.5	2448.5	2315.4	1996.1	2016.4	1893.6
HY. RADIUS(M)	8.846	4.226	7.337	5.336	5.331	4.530	4.512	4.515	5.323	6.171	6.032	6.218	4.809	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

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------------------ THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER ------------------
------------------ BOUNDARY : <1> KUNHAYKAIK STATION     : <2> CONFLUENCE WITH IRRAWADDY RIVER ------------------
------------------ SECTION  : (1) = <1> ; (5) DAWEI ST.  : (11) GAMMUN ST. ; (14) = <2>       ------------------
------------------ INTERVAL : DX= 9500 OR 10000 M       : DT = 600 SEC.                      ------------------
------------------ PERIOD   : DURING JUNE TO SEPTEMBER 1974                                   ------------------
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------------------ ( DAY =   62 DAY  ) -----( HOUR :   0:00 ) ------------------------------ ( PRINT NO.  62 ) ----------
                            1-8-1974
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BOUNDARY	(NO.)	< 1 >	< 2 > <
WATER STAGE	(M)	7.291	16.263

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.291	7.855	8.488	9.140	9.769	10.347	10.960	11.608	12.224	12.781	13.426	14.181	15.364	16.263
VELOCITY (M/SEC)	1.047	1.044	1.002	0.907	0.800	0.741	0.743	0.766	0.801	0.850	0.927	1.005	1.051	1.067
DISCHARGE (M**3/S)	2029.8	1949.2	1905.2	1924.8	1958.8	2035.9	1958.7	2049.1	2046.0	2125.8	2168.4	2052.8	2181.2	2038.9
SECTION (M**2)	1938.1	1867.9	1902.3	2122.9	2447.9	2746.5	2637.3	2675.0	2555.4	2500.9	2340.2	2041.8	2075.1	1910.9
HY. RADIUS(M)	8.865	8.259	7.347	6.337	5.332	4.531	4.513	4.517	5.332	6.171	6.047	6.219	4.812	7.580
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

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------------------ ( DAY =   63 DAY  ) -----( HOUR :   0:00 ) ------------------------------ ( PRINT NO.  63 ) ----------
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BOUNDARY	(NO.)	< 1 >	< 2 > <
WATER STAGE	(M)	7.321	16.237

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.321	7.887	8.524	9.185	9.813	10.389	11.002	11.651	12.270	12.827	13.477	14.232	15.379	16.237
VELOCITY (M/SEC)	1.051	1.048	1.007	0.910	0.799	0.741	0.743	0.768	0.802	0.853	0.929	0.997	1.031	1.042
DISCHARGE (M**3/S)	2043.6	1964.7	1933.2	1956.7	1982.7	2059.3	1987.9	2085.8	2084.1	2182.2	2209.7	2109.7	2160.3	1970.4
SECTION (M**2)	1944.8	1875.1	1919.7	2150.9	2480.2	2780.8	2675.3	2717.2	2598.5	2559.5	2379.1	2115.7	2095.8	1890.2
HY. RADIUS(M)	8.884	8.283	7.350	6.338	5.333	4.532	4.514	4.518	5.341	6.172	6.070	6.220	4.813	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

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------------------ ( DAY =   64 DAY  ) -----( HOUR :   0:00 ) ------------------------------ ( PRINT NO.  64 ) ----------
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BOUNDARY	(NO.)	< 1 >	< 2 > <
WATER STAGE	(M)	7.413	16.215

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.413	7.959	8.578	9.228	9.855	10.434	11.049	11.703	12.330	12.905	13.598	14.371	15.434	16.215
VELOCITY (M/SEC)	1.036	1.033	0.996	0.906	0.800	0.742	0.745	0.772	0.812	0.875	0.951	0.984	0.987	0.995
DISCHARGE (M**3/S)	2035.0	1962.2	1941.3	1973.4	2003.5	2091.5	2026.0	2136.3	2157.9	2325.7	2349.3	2284.4	2147.4	1863.7
SECTION (M**2)	1964.8	1899.6	1948.3	2178.2	2510.4	2817.0	2718.3	2767.7	2658.3	2657.1	2470.1	2321.5	2174.8	1873.3
HY. RADIUS(M)	8.942	8.295	7.350	6.339	5.334	4.533	4.515	4.519	5.348	6.172	6.125	6.224	4.816	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 65 DAY) (HOUR : 0:00) (PRINT NO. 65)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.565 16.208

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.565	8.078	8.663	9.291	9.910	10.490	11.112	11.780	12.427	13.016	13.707	14.456	15.454	16.208
VELOCITY (M/SEC)	1.008	1.005	0.975	0.896	0.798	0.745	0.752	0.782	0.823	0.880	0.943	0.962	0.963	0.977
DISCHARGE (M**3/S)	2014.2	1950.2	1944.0	1965.9	2035.3	2133.1	2086.1	2223.5	2278.3	2461.2	2443.5	2353.2	2122.9	1825.1
SECTION (M**2)	1999.1	1939.7	1993.7	2217.4	2549.5	2861.9	2775.0	2842.2	2767.7	2797.9	2590.5	2447.0	2203.5	1867.3
HY. RADIUS(M)	9.038	8.315	7.351	6.340	5.336	4.535	4.517	4.521	5.348	6.173	6.146	6.226	4.817	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 66 DAY) (HOUR : 0:00) (PRINT NO. 66)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.595 16.214

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.595	8.129	8.729	9.358	9.976	10.561	11.191	11.866	12.511	13.075	13.711	14.408	15.413	16.214
VELOCITY (M/SEC)	1.028	1.022	0.981	0.896	0.800	0.750	0.757	0.784	0.813	0.852	0.908	0.947	0.981	1.008
DISCHARGE (M**3/S)	2062.9	1999.4	1991.0	2023.9	2077.5	2188.7	2154.9	2294.1	2326.2	2446.3	2356.2	2250.4	2104.8	1887.1
SECTION (M**2)	2006.6	1957.0	2029.0	2259.4	2597.3	2919.2	2845.8	2926.2	2862.5	2872.4	2595.1	2375.4	2145.0	1872.2
HY. RADIUS(M)	9.058	8.323	7.352	6.341	5.337	4.537	4.534	4.523	5.349	6.174	6.147	6.225	4.815	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03003	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 67 DAY) (HOUR : 0:00) (PRINT NO. 67)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.565 16.261

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.565	8.141	8.774	9.421	10.048	10.635	11.263	11.925	12.543	13.071	13.666	14.348	15.397	16.261
VELOCITY (M/SEC)	1.067	1.054	1.001	0.905	0.804	0.750	0.753	0.772	0.790	0.824	0.889	0.954	1.012	1.047
DISCHARGE (M**3/S)	2133.3	2063.0	2054.9	2083.1	2124.7	2236.0	2193.3	2303.0	2291.2	2362.7	2262.6	2181.5	2147.6	1999.4
SECTION (M**2)	1999.1	1961.2	2053.2	2298.9	2640.6	2979.3	2913.9	2983.8	2898.6	2867.4	2544.5	2287.4	2122.8	1909.4
HY. RADIUS(M)	9.233	8.326	7.353	6.343	5.337	4.539	4.549	4.525	5.349	6.174	6.139	6.223	4.814	7.580
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 68 DAY) (HOUR : 0:00) (PRINT NO. 68)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.443	16.318

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.443	8.097	8.791	9.472	10.110	10.696	11.312	11.953	12.548	13.059	13.645	14.336	15.421	16.318
VELOCITY (M/SEC)	1.132	1.111	1.036	0.920	0.807	0.747	0.745	0.759	0.777	0.815	0.889	0.965	1.030	1.067
DISCHARGE (M**3/S)	2232.6	2162.1	2137.1	2144.2	2172.3	2260.5	2200.1	2284.9	2256.1	2324.0	2242.8	2191.0	2221.9	2085.1
SECTION (M**2)	1971.5	1946.2	2062.7	2330.7	2693.4	3028.0	2954.9	3011.3	2904.7	2852.4	2521.5	2269.8	2157.0	1954.2
HY. RADIUS(M)	8.961	8.318	7.353	6.344	5.341	4.541	4.560	4.525	5.349	6.174	6.135	6.223	4.815	7.581
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 69 DAY) (HOUR : 0:00) (PRINT NO. 69)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.870	16.413

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.870	8.363	8.926	9.543	10.162	10.740	11.345	11.971	12.555	13.063	13.658	14.366	15.480	16.413
VELOCITY (M/SEC)	0.998	0.992	0.963	0.892	0.798	0.741	0.737	0.751	0.772	0.817	0.899	0.978	1.048	1.089
DISCHARGE (M**3/S)	2070.6	2020.4	2055.2	2119.7	2179.7	2270.5	2200.2	2275.2	2249.6	2335.7	2279.0	2263.1	2348.7	2211.0
SECTION (M**2)	2074.3	2036.5	2134.6	2375.4	2730.3	3063.6	2984.6	3029.2	2912.5	2858.0	2536.0	2314.1	2241.1	2029.7
HY. RADIUS(M)	9.236	8.363	7.355	6.345	5.342	4.542	4.567	4.526	5.349	6.174	6.137	6.224	4.819	7.583
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 70 DAY) (HOUR : 0:00) (PRINT NO. 70)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.312	16.529

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.312	8.680	9.137	9.669	10.235	10.787	11.377	11.996	12.584	13.109	13.745	14.493	15.602	16.529
VELOCITY (M/SEC)	0.868	0.880	0.893	0.842	0.772	0.728	0.731	0.751	0.781	0.839	0.927	0.990	1.045	1.086
DISCHARGE (M**3/S)	1923.0	1912.3	1985.4	2367.2	2150.0	2257.6	2202.3	2293.1	2300.0	2445.5	2440.6	2476.7	2524.2	2303.6
SECTION (M**2)	2214.4	2173.0	2247.7	2454.5	2733.3	3101.7	3013.3	3053.7	2945.5	2916.0	2633.6	2501.4	2415.0	2120.7
HY. RADIUS(M)	9.344	8.373	7.358	6.348	5.344	4.543	4.574	4.526	5.349	6.174	6.154	6.227	4.826	7.585
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER

BOUNDARY	: <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION	: (1) = <1> ; (5) DAWHI ST. ; (11) GANMUN ST. ; (14) = <2>
INTERVAL	: DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD	: DURING JUNE TO SEPTEMBER 1974

(DAY = 71 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 71)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.159	16.646

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.159	8.673	9.223	9.788	10.364	10.951	11.530	12.128	12.683	13.219	13.878	14.626	15.714	16.646
VELOCITY (M/SEC)	1.020	0.996	0.935	0.857	0.787	0.737	0.723	0.735	0.775	0.852	0.935	0.986	1.043	1.090
DISCHARGE (M**3/S)	2201.9	2161.1	2145.4	2168.7	2264.8	2385.0	2277.5	2339.5	2370.6	2602.8	2603.4	2658.6	2685.8	2412.3
SECTION (M**2)	2159.8	2169.7	2294.0	2529.2	2876.0	3233.9	3152.0	3184.7	3057.3	3055.4	2783.7	2696.2	2575.4	2213.2
HY. RADIUS(M)	9.343	8.373	7.359	6.350	5.347	4.548	4.607	4.527	5.350	6.176	6.179	6.231	4.833	7.587
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 72 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 72)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.236	16.749

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.236	8.759	9.328	9.919	10.513	11.083	11.661	12.254	12.822	13.346	13.984	14.710	15.794	16.749
VELOCITY (M/SEC)	1.030	1.010	0.954	0.874	0.788	0.733	0.723	0.738	0.775	0.841	0.923	0.979	1.050	1.104
DISCHARGE (M**3/S)	2253.3	2230.0	2243.2	2282.5	2350.9	2448.4	2365.4	2444.2	2489.9	2703.5	2679.3	2762.8	2824.0	2534.7
SECTION (M**2)	2187.1	2207.5	2350.3	2611.4	2983.2	3340.2	3270.2	3310.6	3214.7	3215.8	2904.2	2821.3	2690.5	2295.2
HY. RADIUS(M)	9.344	8.375	7.361	6.352	5.351	4.552	4.648	4.527	5.351	6.178	6.199	6.233	4.838	7.589
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 73 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 73)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.357	16.957

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.357	8.862	9.447	10.028	10.637	11.160	11.735	12.340	12.926	13.451	14.080	14.799	15.914	16.957
VELOCITY (M/SEC)	1.031	1.009	0.949	0.865	0.777	0.728	0.728	0.749	0.781	0.838	0.918	0.986	1.083	1.155
DISCHARGE (M**3/S)	2303.3	2231.5	2290.6	2316.3	2371.1	2476.4	2428.9	2543.9	2601.4	2806.7	2765.3	2909.8	3100.3	2840.4
SECTION (M**2)	2230.3	2261.3	2414.1	2677.9	3033.1	3402.7	3336.2	3396.2	3332.5	3349.1	3012.1	2951.4	2862.1	2458.8
HY. RADIUS(M)	9.344	8.377	7.362	6.355	5.353	4.554	4.680	4.528	5.351	6.180	6.217	6.235	4.845	7.593
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER-
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 74 DAY) (HOUR : 0:00) (PRINT NO. 74)

BOUNDARY	(NO.)	< 1 >	< 2 >
WATER STAGE	(M)	8.479	17.159

RIVER	(NO.)	(1)													
SECTION	(NO.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
WATER ST.	(M)	8.479	8.994	9.553	10.128	10.702	11.286	11.831	12.440	13.035	13.567	14.206	14.946	16.083	17.159
VELOCITY	(M/SEC)	1.022	1.001	0.944	0.861	0.777	0.729	0.732	0.754	0.786	0.845	0.929	0.998	1.098	1.174
DISCHARGE	(M**3/S)	2324.6	2314.4	2331.2	2361.7	2422.0	2537.9	2504.4	2637.2	2717.9	2952.7	2954.4	3163.2	3409.0	3074.8
SECTION	(M**2)	2274.5	2311.2	2470.4	2742.2	3119.0	3479.9	3422.9	3495.6	3456.3	3496.1	3180.0	3168.1	3103.9	2618.2
HY. RADIUS	(M)	9.344	8.378	7.364	6.157	5.356	4.558	4.723	4.528	5.352	6.183	6.223	6.239	4.855	7.597
ROUGHNESS	(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 75 DAY) (HOUR : 0:00) (PRINT NO. 75)

BOUNDARY	(NO.)	< 1 >	< 2 >
WATER STAGE	(M)	8.662	17.326

RIVER	(NO.)	(1)													
SECTION	(NO.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
WATER ST.	(M)	8.662	9.142	9.674	10.233	10.805	11.362	11.940	12.563	13.183	13.744	14.425	15.199	16.301	17.326
VELOCITY	(M/SEC)	0.988	0.973	0.927	0.855	0.779	0.737	0.742	0.768	0.806	0.870	0.954	1.001	1.077	1.147
DISCHARGE	(M**3/S)	2311.3	2312.0	2348.9	2401.3	2486.8	2626.0	2611.2	2779.4	2919.4	3237.1	3320.7	3545.3	3679.4	3156.3
SECTION	(M**2)	2340.0	2377.0	2535.3	2808.6	3193.0	3565.3	3521.2	3618.5	3623.8	3720.5	3481.0	3540.9	3416.3	2750.8
HY. RADIUS	(M)	9.345	8.379	7.366	6.359	5.358	4.632	4.771	4.529	5.353	6.187	6.226	6.246	4.868	7.600
ROUGHNESS	(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 76 DAY) (HOUR : 0:00) (PRINT NO. 76)

BOUNDARY	(NO.)	< 1 >	< 2 >
WATER STAGE	(M)	8.815	17.418

RIVER	(NO.)	(1)													
SECTION	(NO.)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
WATER ST.	(M)	8.815	9.290	9.814	10.368	10.942	11.536	12.094	12.743	13.396	13.979	14.661	15.397	16.442	17.418
VELOCITY	(M/SEC)	0.933	0.967	0.921	0.854	0.785	0.749	0.759	0.789	0.826	0.879	0.942	0.976	1.050	1.120
DISCHARGE	(M**3/S)	2355.7	2361.6	2403.9	2470.7	2585.0	2759.2	2777.2	2996.8	3190.6	3531.5	3583.5	3741.8	3799.4	3162.2
SECTION	(M**2)	2394.6	2442.8	2610.4	2892.3	3291.2	3682.0	3660.1	3798.3	3604.8	4018.2	3805.1	3833.7	3617.3	2822.9
HY. RADIUS	(M)	9.346	8.380	7.363	6.361	5.362	4.733	4.836	4.529	5.387	6.195	6.231	6.251	4.877	7.602
ROUGHNESS	(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 77 DAY) (HOUR : 0:00) (PRINT NO. 77)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.906 17.424

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.906	9.428	9.978	10.545	11.126	11.686	12.277	12.942	13.599	14.162	14.801	15.480	16.477	17.424
VELOCITY (M/SEC)	1.028	1.001	0.937	0.862	0.790	0.758	0.772	0.799	0.823	0.858	0.908	0.946	1.031	1.104
DISCHARGE (M**3/S)	2496.0	2505.4	2528.1	2587.8	2704.4	2900.4	2953.3	3193.6	3369.7	3647.4	3629.6	3743.5	3782.4	3120.8
SECTION (M**2)	2427.4	2503.9	2698.3	3003.8	3423.3	3827.1	3825.1	3996.9	4094.7	4249.8	3996.9	3955.8	3667.8	2827.7
HY. RADIUS(M)	9.346	8.382	7.370	6.365	5.366	4.859	4.919	4.530	5.467	6.201	6.233	6.253	4.879	7.602
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 78 DAY) (HOUR : 0:00) (PRINT NO. 78)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.937 17.329

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.937	9.579	10.201	10.808	11.413	11.991	12.560	13.187	13.770	14.282	14.866	15.490	16.432	17.329
VELOCITY (M/SEC)	1.139	1.085	0.981	0.888	0.816	0.775	0.766	0.770	0.784	0.822	0.870	0.914	1.003	1.074
DISCHARGE (M**3/S)	2776.1	2788.9	2764.7	2814.4	2961.9	3155.0	3121.3	3265.4	3361.8	3616.6	3554.0	3627.8	3614.4	2955.2
SECTION (M**2)	2438.3	2571.1	2817.6	3168.8	3630.0	4072.9	4080.2	4242.3	4288.9	4402.3	4087.0	3970.0	3603.6	2752.4
HY. RADIUS(M)	9.346	8.383	7.373	6.370	5.477	5.119	5.043	4.550	5.534	6.204	6.234	6.254	4.876	7.600
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 79 DAY) (HOUR : 0:00) (PRINT NO. 79)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.876 17.260

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.876	9.770	10.527	11.190	11.777	12.263	12.774	13.356	13.903	14.365	14.892	15.467	16.372	17.260
VELOCITY (M/SEC)	1.340	1.236	1.052	0.907	0.792	0.741	0.743	0.748	0.754	0.781	0.832	0.888	0.992	1.068
DISCHARGE (M**3/S)	3237.0	3281.3	3146.7	3389.0	3082.7	3165.3	3176.4	3298.7	3348.7	3521.4	3427.4	3494.1	3488.1	2882.9
SECTION (M**2)	2416.5	2655.8	2992.2	3408.3	3891.6	4292.5	4273.6	4410.6	4439.5	4506.2	4121.8	3936.3	3518.0	2698.3
HY. RADIUS(M)	9.346	8.384	7.378	6.399	5.736	5.365	5.137	4.565	5.596	6.207	6.235	6.253	4.873	7.599
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWHI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 80 DAY) ——(HOUR : 0:00) —— (PRINT NO. 80)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.876 17.170

RIVER (NO.)	1													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.876	9.778	10.597	11.306	11.908	12.398	12.885	13.440	13.963	14.398	14.891	15.433	16.306	17.170
VELOCITY (M/SEC)	1.349	1.264	1.093	0.932	0.807	0.742	0.730	0.733	0.736	0.758	0.806	0.867	0.976	1.054
DISCHARGE (M**3/S)	3258.7	3361.1	3310.0	3244.6	3215.2	3265.0	3194.7	3293.8	3318.1	3446.1	3320.9	3368.8	3341.7	2770.2
SECTION (M**2)	2416.5	2659.5	3029.7	3481.3	3985.8	4401.7	4373.8	4494.3	4507.2	4548.2	4120.8	3885.8	3422.9	2627.6
HY. RADIUS(M)	9.346	8.385	7.379	6.434	5.824	5.486	5.185	4.573	5.625	6.208	6.235	6.252	4.869	7.597
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 81 DAY) ——(HOUR : 0:00) —— (PRINT NO. 81)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.860 17.083

RIVER (NO.)	1													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.860	9.751	10.572	11.300	11.928	12.436	12.932	13.481	13.989	14.407	14.883	15.411	16.253	17.083
VELOCITY (M/SEC)	1.340	1.261	1.101	0.949	0.824	0.754	0.734	0.727	0.725	0.744	0.794	0.853	0.957	1.033
DISCHARGE (M**3/S)	3229.8	3337.5	3320.6	3298.5	3297.4	3343.2	3240.7	3299.0	3287.0	3392.7	3262.1	3287.9	3203.6	2642.1
SECTION (M**2)	2411.0	2647.3	3016.2	3477.3	3999.5	4432.2	4415.9	4535.7	4536.9	4560.2	4110.3	3854.0	3347.0	2558.4
HY. RADIUS(M)	9.346	8.384	7.378	6.432	5.841	5.520	5.206	4.596	5.638	6.208	6.234	6.252	4.866	7.595
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 82 DAY) ——(HOUR : 0:00) —— (PRINT NO. 82)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.845 17.021

RIVER (NO.)	1													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.845	9.742	10.571	11.307	11.940	12.452	12.950	13.500	14.012	14.441	14.945	15.505	16.291	17.021
VELOCITY (M/SEC)	1.345	1.266	1.107	0.954	0.829	0.757	0.736	0.731	0.732	0.760	0.816	0.849	0.909	0.968
DISCHARGE (M**3/S)	3234.3	3346.9	3337.4	3320.2	3321.2	3366.2	3262.6	3327.6	3339.7	3498.8	3423.0	3389.1	3093.9	2429.8
SECTION (M**2)	2405.5	2643.4	3015.9	3481.7	4008.7	4449.0	4432.1	4554.7	4563.1	4603.3	4194.8	3991.7	3402.3	2509.9
HY. RADIUS(M)	9.346	8.384	7.378	6.434	5.852	5.534	5.214	4.615	5.650	6.209	6.235	6.254	4.868	7.594
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GANMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 83 DAY) —(HOUR : 0:00) — (PRINT NO. 83)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.799	16.907

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.799	9.716	10.560	11.308	11.952	12.474	12.982	13.541	14.059	14.486	14.963	15.465	16.209	16.907
VELOCITY (M/SEC)	1.359	1.279	1.116	0.962	0.837	0.766	0.745	0.738	0.735	0.748	0.783	0.815	0.887	0.946
DISCHARGE (M**3/S)	3246.9	3365.6	3360.1	3349.4	3363.4	3420.1	3322.7	3393.9	3391.4	3487.9	3303.2	3206.0	2912.2	2289.5
SECTION (M**2)	2389.1	2631.8	3010.2	3482.6	4017.4	4463.2	4461.0	4596.1	4616.5	4660.4	4220.0	3933.4	3284.1	2419.7
HY. RADIUS(M)	9.346	8.384	7.378	6.435	5.863	5.555	5.228	4.654	5.673	6.211	6.236	6.253	4.863	7.592
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 84 DAY) —(HOUR : 0:00) — (PRINT NO. 84)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.754	16.762

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.754	9.699	10.564	11.327	11.983	12.513	13.018	13.559	14.040	14.429	14.856	15.315	16.048	16.762
VELOCITY (M/SEC)	1.380	1.296	1.129	0.972	0.847	0.771	0.739	0.719	0.704	0.711	0.745	0.795	0.889	0.956
DISCHARGE (M**3/S)	3274.3	3401.9	3399.6	3396.6	3419.6	3464.0	3320.9	3319.2	3234.8	3259.9	3034.0	2951.8	2716.1	2204.4
SECTION (M**2)	2372.8	2624.3	3012.1	3494.4	4039.3	4494.8	4493.7	4613.8	4595.1	4587.9	4072.8	3711.8	3054.4	2305.0
HY. RADIUS(M)	9.345	8.384	7.378	6.440	5.890	5.590	5.244	4.671	5.664	6.209	6.234	6.249	4.853	7.589
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 85 DAY) —(HOUR : 0:00) — (PRINT NO. 85)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.693	16.585

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.693	9.672	10.562	11.342	12.006	12.539	13.029	13.540	13.982	14.337	14.730	15.162	15.884	16.585
VELOCITY (M/SEC)	1.404	1.317	1.143	0.981	0.851	0.767	0.723	0.692	0.672	0.680	0.719	0.781	0.881	0.947
DISCHARGE (M**3/S)	3301.2	3441.0	3442.1	3436.8	3453.3	3464.2	3256.4	3181.0	3043.5	3041.0	2805.1	2723.1	2484.7	2051.5
SECTION (M**2)	2350.9	2612.2	3011.4	3533.9	4056.0	4515.2	4503.3	4594.7	4528.5	4471.4	3899.3	3487.1	2819.4	2165.6
HY. RADIUS(M)	9.345	8.384	7.378	6.445	5.911	5.613	5.249	4.655	5.635	6.206	6.232	6.245	4.843	7.586
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWE ST. ; (11) GANMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 86 DAY) ——(HOUR : 0:00) —— (PRINT NO. 86)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.632	16.389

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.632	9.637	10.544	11.331	11.993	12.515	12.990	13.478	13.896	14.226	14.590	14.999	15.708	16.389
VELOCITY (M/SEC)	1.422	1.332	1.151	0.982	0.845	0.755	0.706	0.671	0.647	0.654	0.697	0.767	0.870	0.933
DISCHARGE (M**3/S)	3312.8	3458.1	3453.5	3433.2	3420.3	3395.8	3155.9	3041.3	2869.0	2833.6	2583.0	2489.9	2232.6	1875.5
SECTION (M**2)	2329.1	2596.6	3001.4	3496.8	4046.6	4496.0	4468.2	4532.9	4431.2	4330.5	3707.3	3247.1	2566.6	2010.3
HY. RADIUS(M)	9.345	8.383	7.378	6.441	5.899	5.591	5.231	4.594	5.592	6.203	6.229	6.241	4.833	7.582
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 87 DAY) ——(HOUR : 0:00) —— (PRINT NO. 87)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.601	16.246

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.601	9.618	10.535	11.338	12.028	12.599	13.061	13.496	13.828	14.118	14.459	14.863	15.569	16.246
VELOCITY (M/SEC)	1.430	1.339	1.160	0.998	0.876	0.772	0.684	0.616	0.592	0.624	0.684	0.764	0.867	0.929
DISCHARGE (M**3/S)	3315.9	3466.6	3475.8	3494.9	3567.3	3521.5	3097.8	2805.2	2577.9	2617.8	2413.8	2325.8	2053.1	1763.3
SECTION (M**2)	2318.2	2588.2	2996.7	3501.3	4071.7	4563.5	4532.1	4550.6	4354.6	4193.8	3527.5	3046.2	2367.8	1897.3
HY. RADIUS(M)	9.345	8.383	7.378	6.444	5.931	5.666	5.262	4.611	5.559	6.199	6.227	6.237	4.824	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 88 DAY) ——(HOUR : 0:00) —— (PRINT NO. 88)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	8.571	15.921

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.571	9.627	10.570	11.382	12.052	12.564	13.004	13.426	13.766	14.035	14.338	14.698	15.351	15.921
VELOCITY (M/SEC)	1.458	1.362	1.171	0.994	0.847	0.740	0.668	0.612	0.581	0.593	0.646	0.727	0.812	0.851
DISCHARGE (M**3/S)	3363.1	3529.5	3531.8	3509.1	3465.0	3355.7	2992.3	2742.6	2491.0	2424.8	2171.1	2039.2	1669.5	1398.2
SECTION (M**2)	2307.2	2592.1	3015.6	3528.6	4087.2	4535.4	4480.7	4480.3	4284.7	4088.3	3361.5	2803.2	2057.0	1643.7
HY. RADIUS(M)	9.345	8.383	7.378	6.457	5.753	5.635	5.237	4.572	5.533	6.196	6.225	6.233	4.811	7.572
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 89 DAY) (HOUR : 0:00) (PRINT NO. 89)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.357 15.545

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.357	9.492	10.464	11.269	11.920	12.415	12.844	13.263	13.606	13.872	14.166	14.511	15.065	15.545
VELOCITY (M/SEC)	1.509	1.396	1.176	0.980	0.824	0.719	0.657	0.609	0.579	0.585	0.632	0.686	0.741	0.775
DISCHARGE (M**3/S)	3367.3	3534.5	3478.4	3388.1	3292.3	3175.9	2848.4	2631.1	2374.3	2272.4	1974.9	1732.9	1300.5	1134.8
SECTION (M**2)	2230.8	2532.2	2958.8	3458.1	3994.1	4415.1	4336.6	4318.0	4103.5	3882.7	3125.1	2526.9	1756.3	1464.9
HY. RADIUS(M)	9.344	8.382	7.377	6.423	5.834	5.501	5.167	4.557	5.470	6.191	6.222	6.228	4.708	7.519
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 90 DAY) (HOUR : 0:00) (PRINT NO. 90)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.281 15.120

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.281	9.363	10.317	11.119	11.776	12.280	12.707	13.112	13.440	13.694	13.972	14.311	14.796	15.120
VELOCITY (M/SEC)	1.475	1.373	1.168	0.976	0.820	0.712	0.645	0.594	0.563	0.569	0.620	0.654	0.638	0.626
DISCHARGE (M**3/S)	3250.7	3398.6	3363.4	3282.3	3191.2	3066.6	2717.4	2476.7	2203.1	2082.4	1792.2	1460.9	988.9	848.0
SECTION (M**2)	2203.5	2475.3	2880.0	3363.9	3890.9	4306.6	4212.8	4167.5	3915.1	3657.0	2890.8	2233.3	1548.9	1354.3
HY. RADIUS(M)	9.344	8.381	7.375	6.377	5.705	5.380	5.107	4.544	5.405	6.185	6.196	6.222	4.552	7.437
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 91 DAY) (HOUR : 0:00) (PRINT NO. 91)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 8.205 14.760

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.205	9.247	10.178	10.968	11.625	12.134	12.556	12.945	13.247	13.473	13.698	13.955	14.375	14.760
VELOCITY (M/SEC)	1.448	1.352	1.157	0.969	0.814	0.702	0.631	0.573	0.533	0.522	0.548	0.584	0.631	0.667
DISCHARGE (M**3/S)	3150.9	3276.7	3245.1	3166.6	3077.7	2942.3	2571.3	2293.6	1969.5	1761.8	1413.8	1017.0	870.9	860.7
SECTION (M**2)	2176.2	2423.6	2805.5	3269.6	3782.4	4133.4	4077.0	4000.1	3696.9	3376.5	2580.7	1741.3	1381.2	1291.0
HY. RADIUS(M)	9.343	8.380	7.373	6.373	5.602	5.248	5.041	4.530	5.353	6.181	6.145	6.189	4.235	7.298
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) UAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(PRINT NO. 92)

(DAY = 92 DAY) (HOUR : 0:00)

1-9-1974

BOUNDARY (NO.) < 1 >< 2 >
WATER STAGE (M) 8.022 14.598

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	8.022	9.092	10.030	10.814	11.463	11.965	12.373	12.731	12.994	13.189	13.388	13.679	14.228	14.598
VELOCITY (M/SEC)	1.466	1.363	1.156	0.961	0.800	0.684	0.606	0.541	0.495	0.486	0.545	0.634	0.656	0.645
DISCHARGE (M**3/S)	3095.5	3208.5	3151.6	3050.7	2933.2	2769.9	2370.3	2047.8	1689.7	1466.8	1259.4	976.7	874.1	814.4
SECTION (M**2)	2112.0	2354.5	2726.0	3172.9	3665.8	4052.0	3911.8	3786.2	3410.1	3016.8	2311.7	1540.9	1333.0	1263.1
HY. RADIUS(M)	9.335	8.379	7.371	6.370	5.507	5.396	4.961	4.529	5.352	6.175	6.029	6.038	4.120	7.205
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(PRINT NO. 93)

(DAY = 93 DAY) (HOUR : 0:00)

BOUNDARY (NO.) < 1 >< 2 >
WATER STAGE (M) 7.900 14.543

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.900	8.929	9.850	10.624	11.267	11.769	12.172	12.522	12.791	13.013	13.282	13.686	14.273	14.543
VELOCITY (M/SEC)	1.434	1.341	1.147	0.953	0.789	0.670	0.594	0.539	0.516	0.544	0.635	0.695	0.617	0.547
DISCHARGE (M**3/S)	2985.1	3061.4	3016.4	2909.0	2779.2	2607.6	2215.3	1928.2	1642.3	1519.2	1417.8	1074.7	831.7	685.4
SECTION (M**2)	2081.9	2282.1	2629.6	3053.3	3524.5	3893.7	3730.9	3577.7	3179.7	2795.1	2232.4	1545.9	1347.9	1253.6
HY. RADIUS(M)	9.256	8.377	7.368	6.366	5.391	4.920	4.873	4.529	5.351	6.173	5.982	6.042	4.155	7.172
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(PRINT NO. 94)

(DAY = 94 DAY) (HOUR : 0:00)

BOUNDARY (NO.) < 1 >< 2 >
WATER STAGE (M) 7.748 14.613

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.748	8.749	9.655	10.419	11.354	11.553	11.970	12.339	12.640	12.893	13.183	13.593	14.236	14.613
VELOCITY (M/SEC)	1.410	1.325	1.138	0.946	0.790	0.665	0.600	0.560	0.548	0.571	0.647	0.712	0.683	0.648
DISCHARGE (M**3/S)	2382.6	2918.6	2875.3	2755.3	2629.1	2472.4	2130.3	1902.7	1650.2	1507.6	1395.5	1052.0	912.0	819.8
SECTION (M**2)	2044.3	2203.3	2525.5	2925.1	3371.5	3719.6	3546.5	3395.5	3009.0	2642.0	2158.0	1478.4	1335.9	1265.6
HY. RADIUS(M)	9.157	8.374	7.365	6.362	5.365	4.766	4.784	4.528	5.350	6.172	5.937	5.991	4.126	7.213
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWNI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 95 DAY) —— (HOUR : 0:00) —— (PRINT NO. 95)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.595 14.696

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.595	8.563	9.453	10.208	10.835	11.338	11.773	12.164	12.500	12.804	13.207	13.785	14.468	14.696
VELOCITY (M/SEC)	1.381	1.305	1.130	0.940	0.775	0.664	0.609	0.583	0.592	0.651	0.767	0.794	0.627	0.506
DISCHARGE (M**3/S)	2771.2	2768.3	2731.8	2624.3	2490.6	2354.8	2052.7	1878.4	1686.9	1647.3	1667.8	1284.8	885.4	647.2
SECTION (M**2)	2006.6	2121.5	2416.9	2792.5	3214.4	3546.0	3370.6	3221.3	2850.1	2529.7	2175.9	1617.9	1412.0	1279.9
HY. RADIUS(M)	9.058	8.371	7.363	6.358	5.359	4.615	4.697	4.527	5.349	6.172	5.947	6.096	4.309	7.261
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 96 DAY) —— (HOUR : 0:00) —— (PRINT NO. 96)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.443 14.816

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.443	8.393	9.271	10.019	10.644	11.151	11.612	12.041	12.423	12.763	13.147	13.630	14.349	14.816
VELOCITY (M/SEC)	1.363	1.292	1.124	0.936	0.774	0.671	0.628	0.615	0.628	0.658	0.719	0.765	0.748	0.731
DISCHARGE (M**3/S)	2688.0	2644.8	2606.8	2504.1	2382.0	2277.6	2024.7	1905.5	1735.7	1631.3	1532.5	1151.1	1026.7	950.9
SECTION (M**2)	1971.5	2047.0	2319.4	2674.2	3076.9	3395.7	3225.4	3098.1	2762.6	2477.9	2130.8	1505.1	1372.8	1300.6
HY. RADIUS(M)	8.961	8.367	7.360	6.354	5.354	4.553	4.626	4.526	5.348	6.171	5.920	6.011	4.215	7.330
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 97 DAY) —— (HOUR : 0:00) —— (PRINT NO. 97)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.306 14.972

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.306	8.223	9.104	9.862	10.500	11.030	11.503	11.934	12.295	12.617	12.971	13.452	14.371	14.972
VELOCITY (M/SEC)	1.335	1.279	1.128	0.944	0.736	0.682	0.631	0.606	0.610	0.634	0.701	0.810	0.848	0.835
DISCHARGE (M**3/S)	2592.8	2543.9	2515.9	2432.3	2337.6	2248.4	1974.4	1814.3	1599.6	1454.6	1400.7	1133.7	1170.9	1108.7
SECTION (M**2)	1941.4	1939.1	2229.1	2575.8	2973.5	3297.9	3127.2	2992.9	2621.0	2293.2	1998.4	1399.4	1380.1	1327.7
HY. RADIUS(M)	8.375	8.340	7.358	6.351	5.351	4.550	4.601	4.525	5.345	6.170	5.840	5.897	4.232	7.405
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 98 DAY) —(HOUR : 0:00) — (PRINT NO. 98)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.306	15.097

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.306	8.154	8.993	9.742	10.380	10.905	11.377	11.804	12.160	12.491	12.869	13.384	14.403	15.097
VELOCITY (M/SEC)	1.284	1.240	1.111	0.941	0.786	0.679	0.628	0.602	0.612	0.648	0.722	0.843	0.903	0.900
DISCHARGE (M**3/S)	2493.5	2436.4	2412.9	2353.5	2263.8	2170.6	1892.6	1724.3	1528.5	1383.2	1387.4	1167.1	1256.2	1215.8
SECTION (M**2)	1941.4	1965.5	2170.9	2500.5	2887.0	3196.6	3013.7	2865.6	2496.3	2133.8	1921.8	1383.8	1390.6	1350.2
HY. RADIUS(M)	8.875	8.328	7.356	6.349	5.347	4.547	4.574	4.522	5.321	6.169	5.793	5.836	4.257	7.432
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 99 DAY) —(HOUR : 0:00) — (PRINT NO. 99)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.275	15.231

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.275	8.087	8.898	9.628	10.248	10.755	11.225	11.661	12.037	12.396	12.817	13.389	14.485	15.231
VELOCITY (M/SEC)	1.255	1.215	1.095	0.928	0.772	0.671	0.629	0.612	0.633	0.679	0.760	0.882	0.941	0.939
DISCHARGE (M**3/S)	2428.2	2360.3	2321.0	2255.1	2155.1	2064.6	1810.0	1669.6	1507.4	1367.3	1431.8	1222.1	1334.1	1290.2
SECTION (M**2)	1934.8	1942.8	2120.0	2428.8	2792.3	3075.9	2876.4	2727.0	2382.3	2013.0	1882.9	1385.0	1417.3	1374.2
HY. RADIUS(M)	8.855	8.316	7.355	6.347	5.344	4.542	4.541	4.518	5.299	6.168	5.770	5.840	4.321	7.461
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 100 DAY) —(HOUR : 0:00) — (PRINT NO. 100)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.154	15.421

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.154	7.961	8.776	9.506	10.127	10.644	11.118	11.563	11.950	12.343	12.826	13.479	14.642	15.421
VELOCITY (M/SEC)	1.248	1.212	1.096	0.929	0.775	0.675	0.633	0.619	0.653	0.720	0.815	0.933	0.976	0.968
DISCHARGE (M**3/S)	2380.7	2303.1	2251.1	2184.7	2097.3	2017.2	1758.9	1629.2	1501.7	1400.9	1540.3	1310.9	1434.4	1363.4
SECTION (M**2)	1908.0	1900.2	2054.5	2352.6	2705.2	2986.5	2780.2	2631.8	2301.3	1945.7	1389.5	1405.5	1468.9	1408.4
HY. RADIUS(M)	8.779	8.295	7.353	6.344	5.341	4.539	4.518	4.515	5.283	6.168	5.774	5.921	4.445	7.501
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 101 DAY) ——(HOUR : 0:00) —— (PRINT NO. 101)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.032 15.659

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.032	7.835	8.658	9.398	10.023	10.534	11.018	11.483	11.905	12.337	12.856	13.541	14.782	15.659
VELOCITY (M/SEC)	1.239	1.210	1.101	0.933	0.774	0.677	0.643	0.639	0.681	0.750	0.843	0.966	1.032	1.036
DISCHARGE (M**3/S)	2331.5	2254.1	2192.1	2132.1	2036.7	1960.8	1729.3	1633.1	1537.7	1449.9	1612.3	1391.3	1585.9	1573.8
SECTION (M**2)	1881.3	1863.6	1991.3	2284.8	2630.5	2897.7	2690.0	2553.9	2259.4	1931.9	1912.1	1440.2	1537.4	1519.2
HY. RADIUS(M)	8.702	8.245	7.351	6.342	5.338	4.536	4.514	4.513	5.275	6.168	5.787	5.962	4.544	7.535
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 102 DAY) ——(HOUR : 0:00) —— (PRINT NO. 102)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.016 15.864

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.016	7.796	8.587	9.314	9.931	10.442	10.935	11.425	11.880	12.391	12.947	13.712	14.976	15.864
VELOCITY (M/SEC)	1.218	1.187	1.084	0.926	0.772	0.680	0.655	0.661	0.711	0.799	0.899	1.006	1.050	1.050
DISCHARGE (M**3/S)	2287.9	2201.9	2118.4	2060.9	1978.9	1918.8	1712.6	1650.0	1591.3	1556.1	1780.0	1574.2	1771.6	1697.5
SECTION (M**2)	1878.0	1854.6	1953.4	2231.6	2564.5	2823.0	2615.0	2497.3	2236.6	1956.5	1980.4	1564.8	1687.7	1616.9
HY. RADIUS(M)	8.693	8.215	7.350	6.341	5.336	4.534	4.513	4.512	5.270	6.168	5.829	6.056	4.657	7.564
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 103 DAY) ——(HOUR : 0:00) —— (PRINT NO. 103)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.138 15.993

RIVER (NO.) (1)

SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.138	7.844	8.576	9.271	9.876	10.381	10.888	11.410	11.922	12.458	13.163	14.010	15.205	15.993
VELOCITY (M/SEC)	1.165	1.140	1.053	0.912	0.766	0.683	0.670	0.692	0.758	0.860	0.969	1.030	1.016	0.996
DISCHARGE (M**3/S)	2219.5	2126.2	2050.3	2010.2	1935.7	1893.6	1724.2	1718.4	1724.3	1799.1	2076.1	1842.6	1893.6	1691.4
SECTION (M**2)	1904.7	1865.6	1947.2	2215.0	2524.9	2774.3	2572.3	2482.5	2275.1	2091.3	2142.8	1788.7	1863.8	1698.2
HY. RADIUS(M)	8.769	8.251	7.350	6.340	5.335	4.532	4.512	4.511	5.278	6.169	5.427	6.214	4.789	7.575
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMUN ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 104 DAY) ——(HOUR : 0:00) —— (PRINT NO. 104)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.199 16.132

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.199	7.833	8.533	9.218	9.833	10.378	10.914	11.480	12.048	12.641	13.414	14.254	15.356	16.132
VELOCITY (M/SEC)	1.107	1.099	1.038	0.912	0.783	0.706	0.694	0.726	0.799	0.905	0.992	1.010	0.993	0.990
DISCHARGE (M**3/S)	2123.0	2047.7	1998.1	1981.5	1954.1	1956.7	1802.5	1851.7	1910.9	2103.4	2313.8	2170.3	2049.6	1790.1
SECTION (M**2)	1918.0	1863.0	1924.1	2171.6	2494.2	2771.7	2596.5	2551.2	2392.0	2323.1	2331.4	2148.1	2063.2	1807.5
HY. RADIUS(M)	8.808	8.243	7.350	6.339	5.334	4.532	4.513	4.513	5.301	6.170	6.041	6.221	4.811	7.577
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 105 DAY) ——(HOUR : 0:00) —— (PRINT NO. 105)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.382 16.210

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.382	7.973	8.605	9.256	9.872	10.431	11.005	11.619	12.238	12.847	13.593	14.377	15.419	16.210
VELOCITY (M/SEC)	1.075	1.057	1.001	0.902	0.789	0.723	0.721	0.758	0.822	0.905	0.971	0.982	0.986	1.001
DISCHARGE (M**3/S)	2104.7	2013.5	1965.4	1980.4	1990.9	2035.0	1932.2	2035.5	2110.5	2337.2	2393.9	2289.0	2122.5	1871.0
SECTION (M**2)	1958.2	1904.4	1963.0	2195.8	2522.5	2814.2	2678.6	2686.4	2568.0	2583.7	2465.9	2330.5	2153.6	1869.1
HY. RADIUS(M)	8.923	8.297	7.351	6.339	5.335	4.533	4.514	4.517	5.335	6.172	6.122	6.224	4.815	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 106 DAY) ——(HOUR : 0:00) —— (PRINT NO. 106)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.626 16.259

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.626	8.161	8.746	9.301	9.959	10.516	11.109	11.749	12.372	12.949	13.618	14.356	15.416	16.259
VELOCITY (M/SEC)	1.031	1.017	0.969	0.833	0.733	0.729	0.735	0.767	0.812	0.868	0.932	0.973	1.007	1.034
DISCHARGE (M**3/S)	2075.8	2000.7	1976.1	1996.9	2024.9	2101.4	2037.7	2156.2	2195.5	2355.3	2320.8	2237.5	2165.1	1972.5
SECTION (M**2)	2014.2	1968.0	2038.6	2201.3	258[illegible]	2382.7	2772.2	2812.1	2705.0	2713.6	2490.5	2298.8	2149.8	1907.8
HY. RADIUS(M)	9.078	8.329	7.353	6.341	5.337	4.536	4.516	4.520	5.348	6.173	6.130	6.223	4.815	7.580
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITMAKA RIVER
BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DANWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 107 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 107)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.809 16.222

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.809	8.305	8.861	9.452	10.040	10.599	11.197	11.835	12.442	12.985	13.609	14.319	15.387	16.222
VELOCITY (M/SEC)	0.998	0.988	0.949	0.871	0.781	0.732	0.737	0.762	0.793	0.840	0.908	0.966	1.007	1.029
DISCHARGE (M**3/S)	2054.8	1992.9	1991.9	2020.0	2065.6	2159.1	2101.0	2205.3	2209.7	2316.9	2251.5	2168.6	2121.5	1933.7
SECTION (M**2)	2059.3	2016.6	2099.7	2318.2	2643.2	2950.1	2851.4	2695.9	2784.9	2759.1	2480.0	2243.9	2107.5	1878.9
HY. RADIUS(M)	9.197	8.353	7.354	6.343	5.339	4.538	4.535	4.522	5.349	6.173	6.128	6.222	4.813	7.579
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 108 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 108)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.931 16.138

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.931	8.409	8.955	9.533	10.114	10.668	11.260	11.885	12.472	12.986	13.573	14.262	15.325	16.138
VELOCITY (M/SEC)	0.984	0.977	0.939	0.864	0.778	0.729	0.732	0.751	0.776	0.816	0.888	0.958	0.998	1.015
DISCHARGE (M**3/S)	2055.7	2007.0	2019.9	2046.5	2096.3	2192.1	2128.3	2211.7	2185.9	2251.4	2175.5	2069.7	2015.7	1839.6
SECTION (M**2)	2089.4	2054.3	2150.1	2369.2	2695.8	3006.0	2908.5	2944.7	2818.1	2760.1	2450.8	2160.2	2019.4	1812.7
HY. RADIUS(M)	9.276	8.368	7.356	6.345	5.341	4.540	4.549	4.524	5.349	6.173	6.113	6.221	4.809	7.577
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 109 DAY) ----(HOUR : 0:00) ---- (PRINT NO. 109)

BOUNDARY (NO.) < 1 > < 2 > <
WATER STAGE (M) 7.961 15.989

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.961	8.463	9.020	9.600	10.176	10.723	11.302	11.907	12.469	12.957	13.506	14.169	15.212	15.989
VELOCITY (M/SEC)	1.007	0.994	0.945	0.863	0.773	0.723	0.722	0.737	0.757	0.791	0.864	0.943	0.981	0.991
DISCHARGE (M**3/S)	2111.5	2064.2	2064.3	2097.9	2119.6	2204.5	2127.5	2186.5	2131.2	2154.0	2074.6	1909.1	1833.0	1679.6
SECTION (M**2)	2096.9	2077.6	2185.3	2411.4	2743.8	3050.2	2945.7	2965.8	2815.0	2723.1	2400.6	2023.8	1869.0	1695.0
HY. RADIUS(M)	9.296	8.369	7.356	6.346	5.342	4.541	4.558	4.524	5.349	6.173	6.083	6.218	4.793	7.574
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

THE HYDRAULIC ANALYSIS OF THE MODEL OF THE MIDDLE REACHES OF MYITNAKA RIVER

BOUNDARY : <1> KUNHAYKAIK STATION ; <2> CONFLUENCE WITH IRRAWADDY RIVER
SECTION : (1) = <1> ; (5) DAWWI ST. ; (11) GAMMON ST. ; (14) = <2>
INTERVAL : DX= 9500 OR 10000 M ; DT = 600 SEC.
PERIOD : DURING JUNE TO SEPTEMBER 1974

(DAY = 110 DAY) ——(HOUR : 0:00) —— (PRINT NO. 110)

BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.992	15.809

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.992	8.503	9.068	9.649	10.221	10.758	11.320	11.900	12.432	12.889	13.393	14.029	15.049	15.809
VELOCITY (M/SEC)	1.018	1.002	0.948	0.861	0.768	0.714	0.709	0.719	0.734	0.760	0.836	0.925	0.964	0.973
DISCHARGE (M**3/S)	2141.9	2099.2	2096.2	2101.9	2131.1	2198.8	2101.5	2129.1	2036.4	2005.8	1935.4	1680.6	1680.6	1548.1
SECTION (M**2)	2104.4	2095.5	2210.8	2442.2	2773.2	3078.6	2962.5	2959.5	2773.5	2637.5	2315.9	1817.6	1743.6	1590.3
HY. RADIUS(M)	9.315	8.370	7.357	6.347	5.343	4.542	4.562	4.524	5.349	6.172	6.032	6.215	4.699	7.556
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 111 DAY) ——(HOUR : 0:00) —— (PRINT NO. 111)

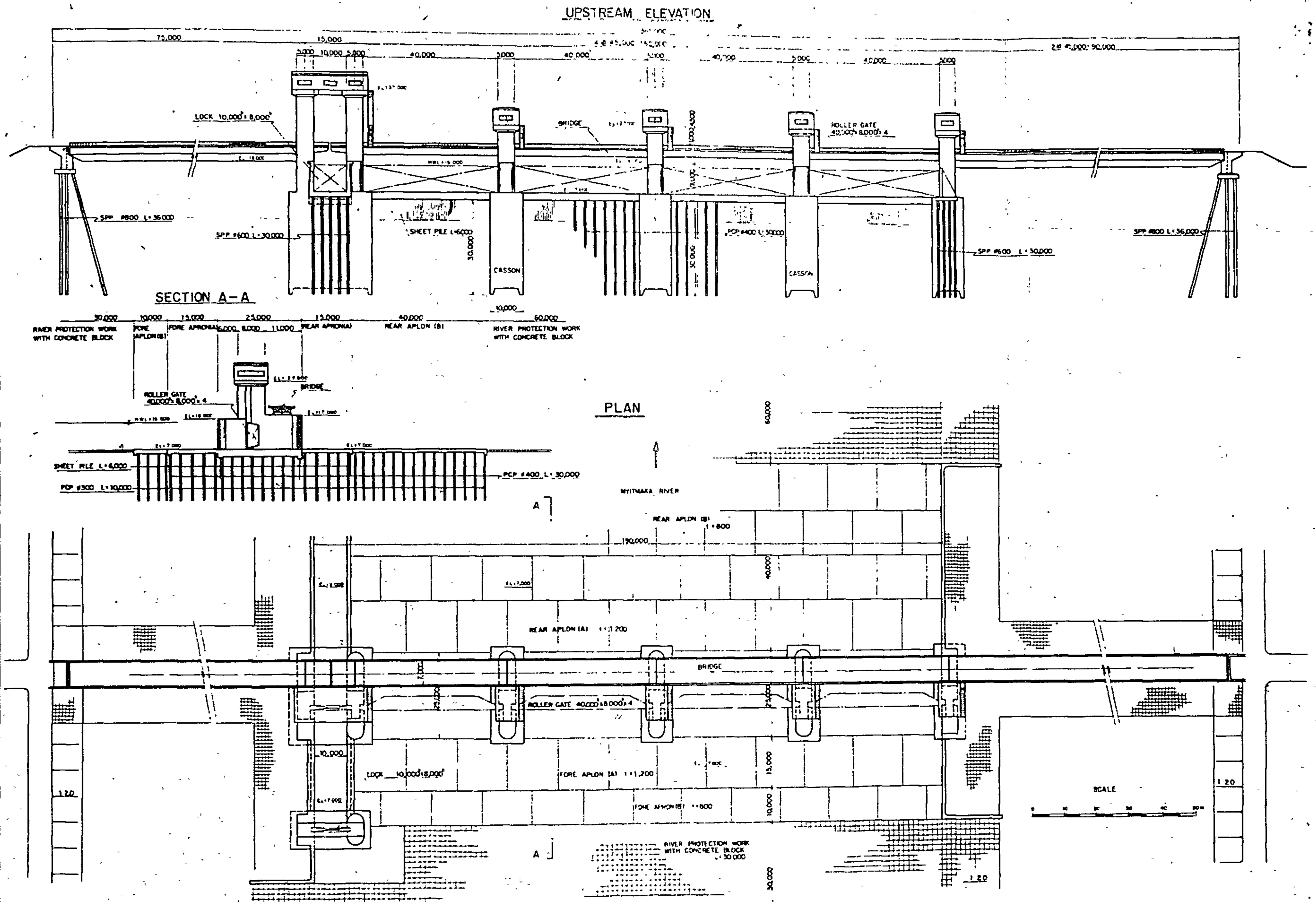
BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.931	15.614

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.931	8.480	9.073	9.668	10.239	10.768	11.311	11.863	12.364	12.797	13.277	13.894	14.921	15.614
VELOCITY (M/SEC)	1.053	1.031	0.965	0.866	0.765	0.705	0.694	0.700	0.714	0.740	0.816	0.913	0.936	0.924
DISCHARGE (M**3/S)	2199.5	2150.1	2135.3	2124.2	2131.4	2175.5	2051.1	2046.2	1924.3	1864.9	1818.1	1549.4	1540.4	1383.5
SECTION (M**2)	2089.4	2085.4	2213.8	2453.7	2786.2	3086.0	2953.7	2923.1	2696.6	2520.8	2228.1	1697.1	1645.0	1497.8
HY. RADIUS(M)	9.276	8.369	7.357	6.347	5.344	4.543	4.560	4.523	5.348	6.172	5.979	6.156	4.625	7.529
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000

(DAY = 112 DAY) ——(HOUR : 0:00) —— (PRINT NO. 112)

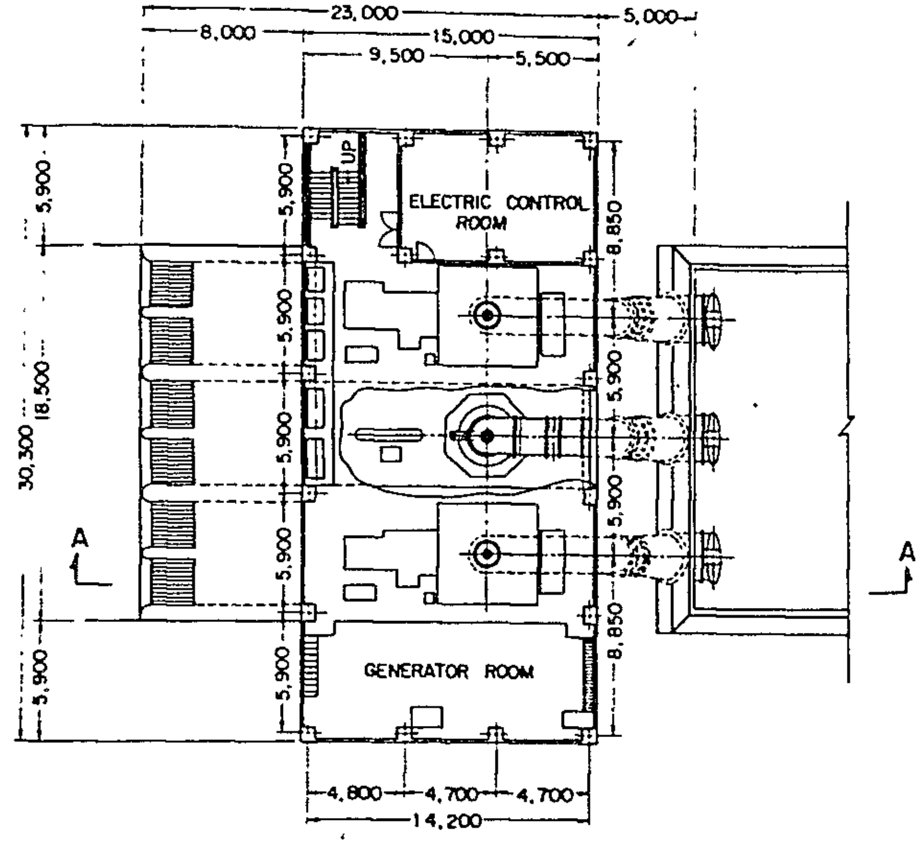
BOUNDARY (NO.)	< 1 >	< 2 >
WATER STAGE (M)	7.870	15.402

RIVER (NO.)	(1)													
SECTION (NO.)	1	2	3	4	5	6	7	8	9	10	11	12	13	14
WATER ST. (M)	7.870	8.449	9.062	9.665	10.234	10.750	11.275	11.805	12.257	12.716	13.199	13.813	14.790	15.402
VELOCITY (M/SEC)	1.079	1.052	0.975	0.868	0.759	0.694	0.681	0.686	0.705	0.739	0.813	0.894	0.889	0.862
DISCHARGE (M**3/S)	2238.2	2179.7	2153.6	2127.7	2112.7	2132.9	1990.6	1960.4	1843.6	1786.8	1763.7	1464.3	1373.0	1210.7
SECTION (M**2)	2074.3	2071.9	2207.7	2452.1	2782.6	3071.5	2921.7	[illegible]	2613.9	2418.8	2169.7	1638.6	1543.6	1404.9
HY. RADIUS(M)	9.236	8.368	7.357	6.347	5.344	4.542	4.552	4.522	5.344	6.171	5.944	6.112	4.548	7.497
ROUGHNESS(MANNING)	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000	0.03000



APPENDIX E-36

FLOOD CONTROL STRUCTURE



PLAN

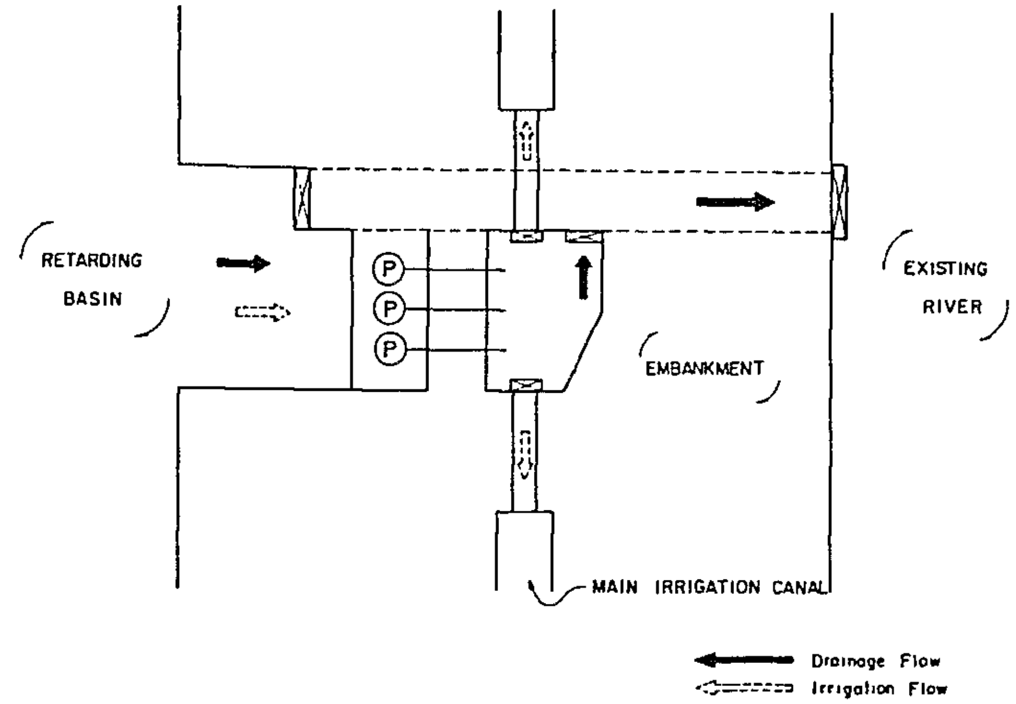
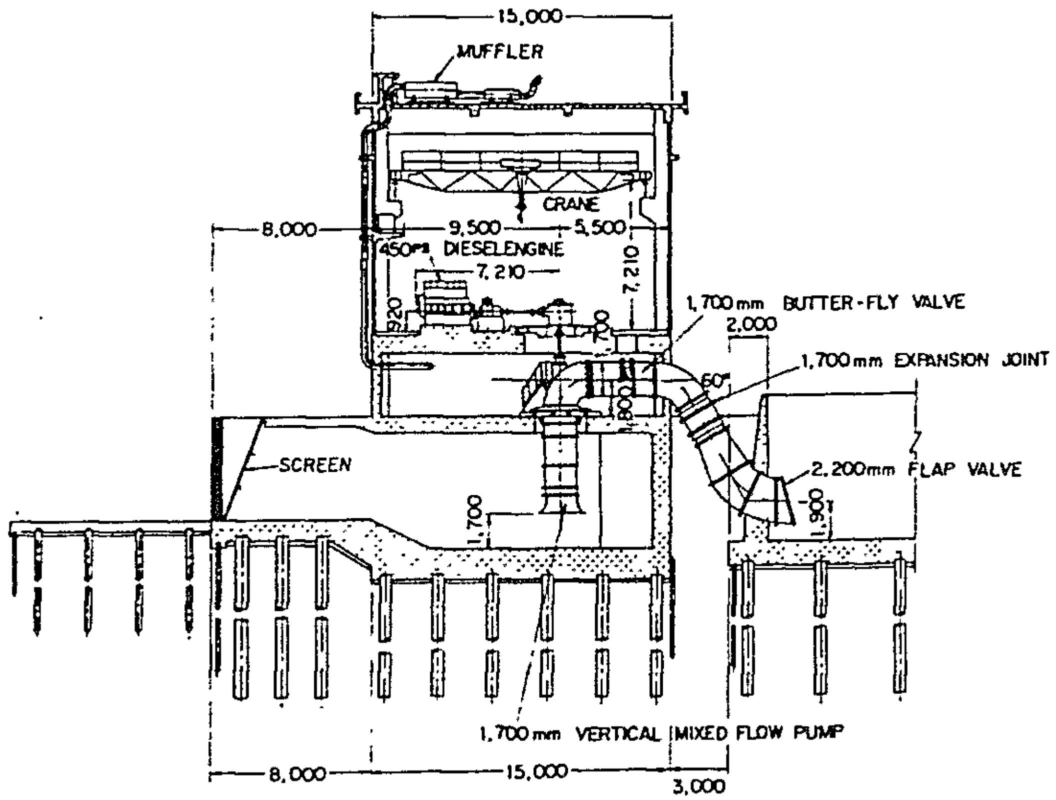
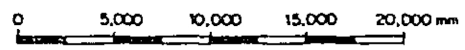


DIAGRAM OF WATER FLOW FOR IRRIGATION AND DRAINAGE



SECTION A-A

SCALE



APPENDIX E-37

PUMP PLANT FOR DRAINAGE AND IRRIGATION