

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1959/60											[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1		0.46	0.55	1.73	2.25	3.66	4.37	3.12	1.81	1.36	1.13	0.88		
2		0.49	0.64	1.62	2.57	3.60	4.35	3.05	1.80	1.34	1.13	0.88		
3		0.56	0.59	1.61	2.77	3.74	4.34	2.99	1.77	1.35	1.12	0.86		
4		0.57	0.58	1.55	2.47	3.93	4.33	2.91	1.75	1.34	1.11	0.85		
5		0.58	0.58	1.49	2.23	3.84	4.30	2.84	1.73	1.34	1.10	0.85		
6		0.55	0.58	1.51	2.16	3.90	4.27	2.77	1.72	1.34	1.09	0.85		
7		0.54	0.61	1.57	2.35	3.79	4.27	2.71	1.70	1.31	1.08	0.83		
8		0.52	0.71	1.54	2.17	3.96	4.27	2.65	1.69	1.31	1.09	0.82		
9		0.52	0.74	1.45	2.16	4.25	4.27	2.59	1.66	1.30	1.08	0.81		
10		0.50	0.86	1.48	2.32	4.24	4.24	2.53	1.65	1.29	1.07	0.81		
11		0.50	0.87	1.62	2.82	4.24	4.20	2.49	1.63	1.29	1.04	0.80		
12		0.51	0.80	1.76	2.93	4.24	4.16	2.44	1.62	1.28	1.04	0.79		
13		0.49	0.78	1.58	3.04	4.57	4.12	2.40	1.61	1.28	1.03	0.79		
14		0.48	0.77	1.47	3.05	5.26	4.08	2.35	1.62	1.28	1.02	0.79		
15		0.46	0.89	1.43	3.14	5.79	4.04	2.32	1.59	1.26	1.01	0.77		
16		0.46	0.90	1.36	3.25	5.85	4.02	2.26	1.57	1.25	1.00	0.77		
17		0.45	1.00	1.34	3.48	5.60	3.98	2.23	1.55	1.25	1.00	0.77		
18		0.48	0.97	1.26	3.75	5.42	3.95	2.19	1.53	1.23	0.99	0.77		
19		0.48	0.95	1.22	4.00	5.34	3.88	2.15	1.52	1.23	0.98	0.76		
20		0.49	1.01	1.19	5.15	5.09	3.88	2.12	1.51	1.22	0.97	0.76		
21	0.47	0.56	0.95	1.21	4.80	5.15	3.83	2.09	1.50	1.22	0.97	0.75		
22	0.47	0.61	0.94	1.22	4.40	5.07	3.75	2.06	1.48	1.20	0.95	0.73		
23	0.47	0.61	1.00	1.29	4.25	4.98	3.69	2.03	1.46	1.19	0.95	0.72		
24	0.47	0.62	1.20	1.39	4.06	4.88	3.63	2.01	1.45	1.18	0.94	0.72		
25	0.46	0.61	1.70	1.49	3.84	4.77	3.54	1.98	1.44	1.16	0.93	0.71		
26	0.46	0.61	1.28	1.40	3.78	4.67	3.49	1.95	1.42	1.16	0.92	0.70		
27	0.46	0.59	1.22	1.40	3.75	4.61	3.41	1.92	1.41	1.15	0.91	0.70		
28	0.46	0.55	1.17	1.43	3.63	4.55	3.36	1.90	1.40	1.14	0.91	0.70		
29	0.45	0.55	1.25	1.61	3.86	4.50	3.27	1.88	1.39	1.14	0.90	0.69		
30	0.46	0.55	1.84	2.20		4.44	3.20	1.86	1.37	1.13	0.89	0.68		
31	0.45		1.69	2.32		4.40		1.83		1.13	0.89			
MEAN	0.46	0.53	0.96	1.51	3.26	4.59	3.95	2.34	1.58	1.25	1.01	0.78	1.92	
MAX.	0.47	0.62	1.84	2.32	5.15	5.85	4.37	3.12	1.81	1.36	1.13	0.88	5.85	
MIN.	0.45	0.45	0.55	1.19	2.16	3.60	3.20	1.83	1.37	1.13	0.89	0.68	0.45	

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1959/60											[DISCHARGE (m3/s)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	15.5	2.5	3.3	22.2	36.1	89.7	126.1	66.5	24.3	14.5	10.5	6.9		
2	15.5	2.8	4.1	19.8	46.0	86.9	125.1	63.5	23.8	14.2	10.5	6.9		
3	15.5	3.4	3.6	19.5	53.2	93.4	124.6	61.1	23.3	14.3	10.3	6.6		
4	15.5	3.5	3.5	18.4	42.8	102.7	123.7	58.1	22.7	14.1	10.1	6.5		
5	15.5	3.5	3.5	17.0	35.5	98.4	122.2	55.6	22.3	14.1	10.0	6.5		
6	15.5	3.3	3.6	17.4	33.3	101.4	120.6	53.2	22.0	14.0	9.9	6.5		
7	15.5	3.2	3.8	18.7	38.9	96.2	120.4	51.0	21.7	13.6	9.7	6.3		
8	15.5	3.0	4.9	18.0	33.8	104.5	120.6	49.0	21.3	13.6	9.8	6.2		
9	15.5	3.0	5.2	16.2	33.4	119.3	120.4	46.8	20.8	13.4	9.7	6.0		
10	15.5	2.9	6.6	16.8	38.0	118.8	118.8	44.8	20.4	13.2	9.5	6.0		
11	15.5	2.8	6.7	19.8	54.8	118.8	117.0	43.4	20.0	13.1	9.1	5.8		
12	15.5	2.9	5.8	23.0	58.8	118.8	114.6	41.8	19.7	13.1	9.1	5.8		
13	15.2	2.7	5.6	19.0	63.1	137.3	112.8	40.5	19.6	13.1	8.9	5.7		
14	15.2	2.7	5.5	16.7	63.5	180.0	110.7	39.0	19.9	13.0	8.8	5.8		
15	15.2	2.5	7.0	15.8	67.1	217.2	108.7	38.0	19.1	12.7	8.7	5.6		
16	15.2	2.5	7.1	14.4	71.5	221.2	107.6	36.3	18.7	12.5	8.6	5.5		
17	15.2	2.5	8.5	14.1	81.8	203.3	105.6	35.3	18.2	12.4	8.6	5.5		
18	15.2	2.7	8.1	12.7	94.0	190.9	103.7	34.2	17.9	12.2	8.4	5.5		
19	15.2	2.7	7.8	12.0	106.5	185.3	100.5	33.0	17.7	12.2	8.2	5.4		
20	15.2	2.7	8.6	11.5	173.0	168.9	100.2	32.1	17.4	12.0	8.1	5.4		
21	2.6	3.4	7.8	11.8	151.2	172.8	97.7	31.4	17.2	11.9	8.0	5.3		
22	2.6	3.9	7.7	11.9	127.6	167.5	94.2	30.5	16.8	11.6	7.9	5.0		
23	2.6	3.8	8.5	13.2	119.6	162.3	91.3	29.9	16.5	11.5	7.8	5.0		
24	2.6	3.9	11.7	15.0	109.3	155.7	88.3	29.2	16.2	11.3	7.7	4.9		
25	2.5	3.9	21.7	17.0	98.3	149.0	84.4	28.3	15.9	11.0	7.6	4.8		
26	2.5	3.9	13.1	15.3	95.5	143.0	81.9	27.6	15.7	11.0	7.4	4.8		
27	2.5	3.6	12.0	15.3	94.0	139.8	78.5	26.9	15.4	10.9	7.3	4.8		
28	2.5	3.3	11.2	15.8	88.6	136.4	76.6	26.3	15.3	10.7	7.3	4.7		
29	2.5	3.3	12.4	19.5	99.6	133.3	72.4	25.8	15.0	10.7	7.2	4.6		
30	2.5	3.3	24.9	34.7		130.2	69.5	25.4	14.7	10.5	7.1	4.5		
31	2.5		21.3	38.0		127.6		24.6		10.6	7.0			
MEAN	10.8	3.1	8.6	17.8	76.2	141.0	104.6	39.6	19.0	12.5	8.7	5.6	37.1	
MAX.	15.5	3.9	24.9	38.0	173.0	221.2	126.1	66.5	24.3	14.5	10.5	6.9	221.2	
MIN.	2.5	2.5	3.3	11.5	33.3	86.9	69.5	24.6	14.7	10.5	7.0	4.5	2.5	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 41.8 Q(185day): 15.3 Q(275day): 7.3 Q(355day): 2.6

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1960/61												[WATER LEVEL (m)]											
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL																						
1	0.67	0.52	0.82	2.62	3.38	5.00	5.06	3.98	2.73	2.00	1.58	1.22																								
2	0.67	0.52	0.88	2.59	3.60	4.92	5.01	3.93	2.68	1.98	1.57	1.20																								
3	0.67	0.52	0.85	2.76	3.58	4.72	5.03	3.87	2.64	1.97	1.52	1.19																								
4	0.67	0.52	0.79	2.73	3.49	4.57	4.92	3.83	2.62	1.95	1.54	1.17																								
5	0.67	0.52	0.78	2.61	3.69	4.56	4.82	3.78	2.58	1.94	1.52	1.16																								
6	0.67	0.52	0.79	2.47	4.24	4.60	4.79	3.73	2.55	1.91	1.51	1.14																								
7	0.66	0.52	0.72	2.35	4.48	4.68	4.68	3.69	2.51	1.89	1.49	1.14																								
8	0.64	0.53	0.67	2.39	4.27	4.71	4.66	3.64	2.47	1.87	1.49	1.13																								
9	0.62	0.58	0.67	2.39	4.30	4.63	4.68	3.60	2.44	1.86	1.46	1.11																								
10	0.61	0.58	0.69	2.32	4.22	4.71	4.63	3.55	2.41	1.84	1.45	1.10																								
11	0.62	0.58	0.72	2.21	4.21	4.83	4.57	3.51	2.38	1.84	1.43	1.10																								
12	0.64	0.61	0.72	2.16	4.07	4.94	4.63	3.47	2.36	1.83	1.43	1.08																								
13	0.61	0.62	0.79	2.10	4.08	4.91	4.80	3.43	2.35	1.83	1.42	1.08																								
14	0.61	0.66	0.91	2.04	4.13	4.89	4.69	3.40	2.32	1.80	1.42	1.05																								
15	0.61	0.78	0.91	2.10	4.51	4.80	4.62	3.38	2.29	1.77	1.40	1.04																								
16	0.62	0.90	1.22	2.48	4.63	4.71	4.56	3.37	2.27	1.77	1.39	1.02																								
17	0.62	0.85	1.39	2.50	4.57	4.79	4.42	3.35	2.25	1.75	1.39	1.01																								
18	0.64	0.75	1.36	2.44	4.48	4.75	4.63	3.34	2.24	1.74	1.37	1.01																								
19	0.64	0.75	1.11	2.35	4.91	4.74	4.59	3.29	2.21	1.72	1.36	0.99																								
20	0.64	0.73	1.51	2.42	5.06	4.97	4.51	3.26	2.19	1.71	1.36	0.98																								
21	0.66	0.70	1.91	2.41	5.12	5.32	4.43	3.22	2.18	1.71	1.34	0.98																								
22	0.61	0.69	1.77	2.39	5.09	5.18	4.39	3.17	2.18	1.69	1.34	0.96																								
23	0.59	0.70	2.06	2.42	4.91	5.17	4.33	3.12	2.16	1.68	1.33	0.94																								
24	0.59	0.72	2.00	2.38	4.86	4.98	4.27	3.08	2.13	1.68	1.31	0.93																								
25	0.58	0.72	1.89	2.50	5.07	4.98	4.22	3.02	2.12	1.66	1.30	0.93																								
26	0.58	0.78	1.74	3.23	5.46	5.49	4.18	2.96	2.09	1.65	1.28	0.93																								
27	0.56	0.73	1.86	3.11	5.33	5.43	4.10	2.93	2.07	1.65	1.28	0.91																								
28	0.55	0.70	1.91	3.22	5.30	5.24	4.08	2.88	2.04	1.63	1.28	0.91																								
29	0.55	0.78	2.00	3.32		5.24	4.05	2.83	2.03	1.62	1.26	0.88																								
30	0.53	0.78	2.16	3.37		5.15	4.01	2.79	2.01	1.60	1.25	0.88																								
31	0.52		2.26	3.35		5.06		2.76		1.58	1.23																									
MEAN	0.62	0.66	1.29	2.57	4.47	4.92	4.55	3.36	2.32	1.78	1.40	1.04	2.40																							
MAX.	0.67	0.90	2.26	3.37	5.46	5.49	5.06	3.98	2.73	2.00	1.58	1.22	5.49																							
MIN.	0.52	0.52	0.67	2.04	3.38	4.56	4.01	2.76	2.01	1.58	1.23	0.88	0.52																							

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1960/61												[DISCHARGE (m3/sec)]											
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL																						
1	4.4	3.0	6.2	47.8	77.3	163.3	167.1	105.3	51.5	28.9	19.0	12.0																								
2	4.4	3.0	6.9	46.9	86.9	158.5	164.2	103.0	49.9	28.5	18.7	11.7																								
3	4.4	3.0	6.5	52.6	86.2	146.4	165.2	99.9	48.4	28.1	17.7	11.5																								
4	4.4	3.0	5.8	51.5	82.0	137.5	158.5	97.7	47.8	27.7	18.0	11.2																								
5	4.4	3.0	5.6	47.3	91.1	136.6	151.9	95.5	46.3	27.3	17.7	11.0																								
6	4.4	3.0	5.8	42.8	118.8	139.2	150.1	93.3	45.3	26.5	17.4	10.7																								
7	4.3	3.0	4.9	38.9	132.2	143.7	143.7	91.1	44.3	26.1	17.1	10.7																								
8	4.1	3.1	4.4	40.4	120.4	145.5	142.8	89.0	42.8	25.8	17.1	10.5																								
9	4.0	3.5	4.4	40.4	122.1	141.0	143.7	86.9	41.8	25.4	16.5	10.2																								
10	3.8	3.5	4.6	38.0	118.0	145.5	141.0	84.8	40.8	25.0	16.2	10.0																								
11	4.0	3.5	4.9	34.8	117.1	152.9	137.5	82.7	39.9	25.0	15.9	10.0																								
12	4.1	3.8	4.9	33.5	109.9	159.4	141.0	81.4	39.4	24.6	15.9	9.7																								
13	3.8	4.0	5.8	31.8	110.7	157.5	151.0	79.3	38.9	24.6	15.6	9.7																								
14	3.8	4.3	7.3	30.1	113.1	156.6	144.6	78.0	38.0	23.9	15.6	9.3																								
15	3.8	5.6	7.3	31.8	134.0	151.0	140.1	77.3	37.1	23.2	15.3	9.1																								
16	4.0	7.1	12.0	43.3	141.0	145.5	136.6	76.7	36.6	23.2	15.0	8.8																								
17	4.0	6.5	15.0	43.8	137.5	150.1	128.8	76.0	36.2	22.8	15.0	8.6																								
18	4.1	5.3	14.4	41.8	132.2	148.3	141.0	75.4	35.7	22.4	14.7	8.6																								
19	4.1	5.3	10.2	38.9	157.5	147.3	138.4	73.4	34.8	22.1	14.4	8.4																								
20	4.1	5.1	17.4	41.3	167.1	161.3	134.0	72.1	34.4	21.7	14.4	8.2																								
21	4.3	4.8	26.5	40.8	171.0	184.0	129.7	70.2	33.9	21.7	14.1	8.2																								
22	3.8	4.6	23.2	40.4	169.1	175.0	127.1	68.4	33.9	21.4	14.1	8.0																								
23	3.7	4.8	30.5	41.3	157.5	174.0	123.7	66.5	33.5	21.0	13.9	7.7																								
24	3.7	4.9	28.9	39.9	154.7	162.3	120.4	64.7	32.6	21.0	13.6	7.5																								
25	3.5	4.9	26.1	43.8	168.1	162.3	118.0	62.3	32.2	20.7	13.3	7.5																								
26	3.5	5.6	22.4	70.9	193.3	195.4	115.5	59.9	31.4	20.4	13.0	7.5																								
27	3.4	5.1	25.4	65.9	185.1	191.2	111.5	58.8	31.0	20.4	13.0	7.3																								
28	3.3	4.8	26.5	70.2	183.0	179.0	110.7	57.1	30.1	20.0	13.0	7.3																								
29	3.3	5.6	28.9	74.7		179.0	109.2	55.4	29.7	19.7	12.8	6.9																								
30	3.1	5.6	33.5	76.7		173.0	106.8	53.7	29.3	19.3	12.5	6.9																								
31	3.0		36.2	76.0		167.1		52.6		19.0	12.2																									
MEAN	3.9	4.4	14.9	47.0	133.5	159.0	136.5	77.0	38.3	23.5	15.3	9.2	54.6																							
MAX.	4.4	7.1	36.2	76.7	193.3	195.4	167.1	105.3	51.5	28.9	19.0	12.0	195.4																							
MIN.	3.0	3.0	4.4	30.1	77.3	136.6	106.8	52.6	29.3	19.0	12.2	6.9	3.0																							

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 86.9 Q(185day): 28.9 Q(275day): 8.8 Q(355day): 3.3

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1961/62											[WATER LEVEL (m)]	
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	0.87	0.84	1.74	3.67	5.09	6.37	6.93	5.78	4.21	3.15	2.65	2.16		
2	0.85	0.82	1.72	3.47	5.32	6.49	7.13	5.72	4.15	3.15	2.62	2.15		
3	0.84	0.81	1.81	3.54	5.59	6.32	7.42	5.67	4.10	3.14	2.60	2.13		
4	0.84	0.79	1.81	3.69	5.73	6.17	7.42	5.58	4.08	3.14	2.61	2.12		
5	0.84	0.78	2.10	3.69	5.61	5.99	7.16	5.49	4.02	3.11	2.61	2.10		
6	0.82	0.76	2.09	4.11	5.70	5.88	6.92	5.43	3.98	3.09	2.60	2.10		
7	0.82	0.88	2.12	4.65	5.82	6.02	6.75	5.38	3.93	3.06	2.59	2.07		
8	0.82	0.96	2.47	4.91	6.02	5.95	6.57	5.30	3.90	3.05	2.58	2.04		
9	0.79	1.25	2.67	4.69	6.13	6.00	6.54	5.26	3.86	3.02	2.56	2.03		
10	0.79	1.08	2.74	4.53	5.93	6.39	6.58	5.21	3.78	3.00	2.53	2.01		
11	0.78	1.11	2.64	4.56	5.67	7.10	7.00	5.17	3.76	3.00	2.51	1.98		
12	0.78	2.00	2.55	4.56	5.46	6.92	7.13	5.14	3.70	2.99	2.50	1.97		
13	0.76	1.74	2.44	4.75	5.33	6.68	7.13	5.09	3.66	2.97	2.48	1.95		
14	0.76	1.75	2.61	4.77	5.24	6.51	6.58	5.01	3.63	2.94	2.48	1.95		
15	0.75	1.78	2.55	4.63	5.33	6.46	6.42	4.98	3.58	2.93	2.47	1.95		
16	0.75	2.12	2.77	4.48	5.44	6.36	6.31	4.95	3.54	2.90	2.45	1.94		
17	0.73	1.86	2.79	4.34	5.39	6.32	6.22	4.88	3.52	2.90	2.44	1.97		
18	0.73	1.84	3.19	4.31	5.44	6.60	6.14	4.85	3.49	2.88	2.41	1.95		
19	0.73	1.77	3.37	4.27	5.46	6.77	6.07	4.82	3.46	2.87	2.39	1.94		
20	0.72	1.77	3.40	4.27	5.46	7.13	5.99	4.79	3.44	2.87	2.38	1.92		
21	0.70	1.98	3.63	4.22	5.67	7.00	5.93	4.72	3.41	2.85	2.38	1.91		
22	0.70	2.01	3.61	4.28	6.07	7.15	5.85	4.69	3.37	2.83	2.38	1.92		
23	0.70	1.95	3.49	4.42	6.16	7.15	5.79	4.65	3.34	2.82	2.36	1.87		
24	0.69	1.86	3.32	4.79	6.13	7.15	5.75	4.57	3.31	2.80	2.33	1.81		
25	0.69	1.80	3.35	4.71	6.11	7.15	5.88	4.57	3.29	2.79	2.30	1.78		
26	0.72	2.23	3.61	4.75	5.97	7.12	6.04	4.50	3.28	2.76	2.29	1.77		
27	0.73	2.30	3.72	4.60	6.32	7.04	6.00	4.47	3.25	2.73	2.26	1.77		
28	0.75	2.13	4.05	4.57	6.22	7.03	5.90	4.40	3.23	2.71	2.26	1.75		
29	0.73	1.95	4.21	4.51		7.15	5.87	4.36	3.20	2.70	2.24	1.71		
30	0.73	2.01	4.05	4.63		7.12	5.84	4.30	3.17	2.70	2.23	1.69		
31	0.70		3.87	4.95		7.03		4.24		2.68	2.21			
MEAN	0.76	1.56	2.92	4.40	5.71	6.56	6.44	4.97	3.62	2.92	2.44	1.95	3.68	
MAX.	0.87	2.30	4.21	4.95	6.32	7.15	7.42	5.78	4.21	3.15	2.65	2.16	7.42	
MIN.	0.69	0.76	1.72	3.47	5.09	5.89	5.75	4.24	3.17	2.68	2.21	1.69	0.69	

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1961/62											[DISCHARGE (m3/sec)]	
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	6.7	6.4	22.4	90.4	169.1	261.1	308.0	215.9	117.1	67.8	48.9	33.5		
2	6.5	6.2	22.1	81.4	164.0	270.9	325.3	211.5	113.9	67.8	47.8	33.1		
3	6.4	6.0	24.3	84.1	202.9	257.5	351.6	208.2	111.5	67.1	47.1	32.6		
4	6.4	5.8	24.3	91.1	212.6	245.6	351.6	201.8	110.7	67.1	47.3	32.2		
5	6.3	5.6	31.8	91.1	203.9	231.6	329.1	195.4	107.6	65.9	47.3	31.8		
6	6.2	5.4	31.4	112.3	210.4	223.7	306.6	191.2	105.3	65.3	47.1	31.8		
7	6.2	6.9	32.2	141.9	219.2	233.9	292.3	188.1	103.0	64.1	46.8	31.0		
8	6.2	8.0	42.8	157.5	233.9	229.9	277.1	183.0	101.4	63.5	46.3	30.1		
9	5.8	12.5	49.4	144.6	242.0	232.8	274.6	180.0	99.2	62.3	45.8	29.7		
10	5.8	9.7	52.1	134.9	227.1	262.3	278.4	177.0	95.5	61.7	44.8	29.3		
11	5.6	10.2	48.4	136.6	208.2	322.6	313.3	174.0	94.7	61.7	44.3	28.5		
12	5.6	28.9	45.3	136.6	193.3	306.6	325.3	172.0	91.8	61.1	43.8	28.1		
13	5.4	22.4	41.8	148.3	185.1	286.0	325.3	169.1	89.7	60.5	43.3	27.7		
14	5.4	22.8	47.3	149.2	179.0	272.1	278.4	164.2	86.3	59.4	43.3	27.7		
15	5.3	23.5	45.3	141.0	185.1	268.4	264.8	162.3	86.2	58.8	42.8	27.7		
16	5.3	32.2	53.2	132.2	192.3	259.9	256.3	160.4	84.1	58.0	42.3	27.3		
17	5.1	25.4	53.7	124.6	189.2	257.5	249.1	155.7	83.4	57.6	41.8	28.1		
18	5.1	25.0	69.0	122.9	192.3	279.6	243.2	153.8	82.0	57.1	40.8	27.7		
19	5.1	23.2	76.7	120.4	193.3	293.6	237.4	151.9	80.7	56.5	40.4	27.3		
20	4.9	23.2	78.0	120.4	193.3	325.3	231.6	150.1	80.0	56.5	39.9	26.9		
21	4.8	28.5	88.3	118.0	208.2	313.3	227.1	146.4	78.7	55.9	39.9	26.5		
22	4.8	29.3	87.6	121.3	237.4	326.7	221.5	144.6	76.7	55.4	39.9	26.9		
23	4.8	27.7	82.0	129.8	244.4	326.7	217.0	141.9	75.4	54.8	39.4	25.8		
24	4.6	25.4	74.7	150.1	242.0	326.7	213.7	137.5	74.1	54.3	38.5	24.3		
25	4.6	23.9	76.0	145.5	240.9	326.7	223.7	137.5	73.4	53.7	37.4	23.5		
26	4.9	35.3	87.6	148.3	230.5	324.0	235.1	133.1	72.8	52.6	37.1	23.2		
27	5.1	37.5	92.6	139.2	257.5	317.3	232.8	131.4	71.5	51.5	36.2	23.2		
28	5.3	32.6	109.2	137.5	249.1	315.9	224.8	128.0	70.9	51.0	36.2	22.8		
29	5.1	27.7	117.1	134.0		326.7	222.6	125.4	69.6	50.5	35.7	21.7		
30	5.1	29.3	109.2	141.0		324.0	220.3	122.1	68.4	50.5	35.3	21.4		
31	4.8		99.9	160.4		315.9		118.8		49.9	34.8			
MEAN	5.4	20.2	61.8	128.6	211.7	285.9	268.6	162.3	88.6	58.7	42.0	27.7	112.8	
MAX.	6.7	37.5	117.1	160.4	257.5	326.7	351.6	215.9	117.1	67.8	48.9	33.5	351.6	
MIN.	4.6	5.4	22.1	81.4	169.1	223.7	213.7	118.8	68.4	49.9	34.8	21.4	4.6	

[Discharge Rating Curve]: Q=6.078*(H+0.184)^2
 [Flow Regime (m3/s)]:
 Q(95day): 183.0 Q(185day): 76.0 Q(275day): 32.2 Q(355day): 5.1

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

HM ST.: 4-130 SMITH'S BRIDGE

YEAR : 1962/63

[WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.68	1.19	1.65	4.63	5.76	5.73	5.43	4.39	3.17	2.65	2.29	1.89	
2	1.65	1.19	1.74	4.75	5.49	5.82	5.39	4.36	3.14	2.62	2.26	1.86	
3	1.62	1.16	2.10	5.00	5.43	5.79	5.33	4.30	3.14	2.62	2.26	1.86	
4	1.62	1.13	2.29	5.33	5.39	5.67	5.27	4.24	3.11	2.59	2.26	1.93	
5	1.58	1.13	2.50	6.40	5.43	5.67	5.24	4.21	3.08	2.59	2.23	1.83	
6	1.55	1.10	2.53	6.52	5.52	5.67	5.18	4.18	3.05	2.59	2.23	1.80	
7	1.55	1.16	2.68	6.22	5.55	5.64	5.15	4.11	3.02	2.56	2.23	1.80	
8	1.52	1.28	2.77	5.76	5.88	5.58	5.09	4.05	3.02	2.56	2.19	1.77	
9	1.52	1.37	2.87	5.73	5.85	5.58	5.06	3.99	2.99	2.53	2.19	1.77	
10	1.52	1.37	2.93	5.79	5.73	5.70	5.00	3.96	2.99	2.53	2.19	1.77	
11	1.49	1.62	3.17	5.64	5.58	5.91	4.97	3.93	2.96	2.53	2.16	1.74	
12	1.49	1.74	3.32	5.39	5.91	6.31	4.94	3.87	2.93	2.50	2.16	1.71	
13	1.46	1.68	3.41	5.33	5.94	6.28	4.91	3.81	2.93	2.50	2.13	1.68	
14	1.46	1.58	3.44	5.27	5.91	6.04	4.88	3.78	2.90	2.50	2.10	1.68	
15	1.43	1.65	3.38	5.15	5.88	5.88	4.85	3.72	2.90	2.50	2.10	1.65	
16	1.43	1.62	3.51	5.12	5.88	5.76	4.79	3.69	2.87	2.47	2.10	1.65	
17	1.40	1.68	3.44	5.36	6.07	5.79	4.79	3.66	2.87	2.47	2.07	1.65	
18	1.37	1.68	3.41	5.52	6.34	6.10	4.82	3.57	2.83	2.44	2.07	1.62	
19	1.37	1.65	3.47	5.58	6.31	6.04	4.85	3.54	2.83	2.44	2.04	1.62	
20	1.34	1.62	3.75	5.52	6.04	5.85	4.88	3.51	2.80	2.41	2.04	1.58	
21	1.34	1.65	3.87	5.46	5.85	5.79	4.97	3.47	2.87	2.41	2.01	1.58	
22	1.34	1.68	4.05	5.27	5.76	5.73	4.94	3.44	2.83	2.38	2.01	1.55	
23	1.31	1.68	4.39	5.15	5.70	5.70	4.91	3.41	2.77	2.38	1.98	1.55	
24	1.31	1.68	4.72	5.15	5.70	5.70	4.85	3.38	2.74	2.38	1.95	1.55	
25	1.34	1.68	4.88	5.15	5.67	5.79	4.79	3.41	2.74	2.38	1.95	1.52	
26	1.31	1.65	5.15	5.06	5.64	5.73	4.72	3.32	2.71	2.35	1.95	1.49	
27	1.31	1.58	5.27	4.94	5.67	5.67	4.66	3.29	2.68	2.35	1.92	1.46	
28	1.31	1.65	5.09	4.85	5.67	5.58	4.57	3.26	2.68	2.32	1.92	1.46	
29	1.28	1.68	4.91	4.97	5.49	5.49	4.51	3.23	2.65	2.32	1.92	1.46	
30	1.25	1.68	4.79	5.43	5.46	5.46	4.48	3.20	2.65	2.29	1.92	1.46	
31	1.22		4.60	5.46		5.46		3.20		2.29	1.89		
MEAN	1.43	1.50	3.55	5.38	5.77	5.77	4.94	3.73	2.89	2.46	2.09	1.66	3.42
MAX.	1.68	1.74	5.27	6.52	6.34	6.31	5.43	4.39	3.17	2.65	2.29	1.89	6.52
MIN.	1.22	1.10	1.65	4.63	5.39	5.46	4.48	3.20	2.65	2.29	1.89	1.46	1.10

QM ST.: 4-130 SMITH'S BRIDGE

YEAR : 1962/63

[DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	21.0	11.5	20.4	141.0	214.8	212.6	191.2	127.1	68.4	48.9	37.1	26.1	
2	20.4	11.5	22.4	148.3	195.4	219.2	189.2	125.4	67.1	47.8	36.2	25.4	
3	19.7	11.0	31.8	163.3	191.2	217.0	185.1	122.1	67.1	47.8	36.2	25.4	
4	19.7	10.5	37.1	185.1	189.2	208.2	181.0	118.8	65.9	46.8	36.2	24.6	
5	19.0	10.5	43.8	263.5	191.2	208.2	179.0	117.1	64.7	46.8	35.3	24.6	
6	18.4	10.0	44.8	273.4	197.5	208.2	175.0	115.5	63.5	46.8	35.3	23.9	
7	18.4	11.0	49.9	249.1	199.7	206.1	173.0	112.3	62.3	45.8	35.3	23.9	
8	17.7	13.0	53.2	214.8	223.7	201.8	169.1	109.2	62.3	45.8	34.4	23.2	
9	17.7	14.7	56.5	212.6	221.5	201.8	167.1	106.0	61.1	44.8	34.4	23.2	
10	17.7	14.7	58.8	217.0	212.6	210.4	163.3	104.5	61.1	44.8	34.4	23.2	
11	17.1	19.7	68.4	206.1	201.8	225.9	161.3	103.0	59.9	44.8	33.5	22.4	
12	17.1	22.4	74.7	189.2	225.9	256.3	159.4	99.9	58.8	43.8	33.5	21.7	
13	16.5	21.0	78.7	185.1	228.2	253.9	157.5	97.0	58.8	43.8	32.6	21.0	
14	16.5	19.0	80.0	181.0	225.9	235.1	155.7	95.5	57.6	43.8	31.8	21.0	
15	15.9	20.4	77.3	173.0	223.7	223.7	153.8	92.6	57.6	43.8	31.8	20.4	
16	15.9	19.7	82.7	171.0	223.7	214.8	150.1	91.1	56.5	42.8	31.8	20.4	
17	15.3	21.0	80.0	187.1	237.4	217.0	150.1	89.7	56.5	42.8	31.0	20.4	
18	14.7	21.0	78.7	197.5	258.7	239.7	151.9	85.5	55.4	41.8	31.0	19.7	
19	14.7	20.4	81.4	201.8	256.3	235.1	153.8	84.1	55.4	41.8	30.1	19.7	
20	14.1	19.7	94.0	197.5	235.1	221.5	155.7	82.7	54.3	40.8	30.1	19.0	
21	14.1	20.4	99.9	193.3	221.5	217.0	161.3	81.4	56.5	40.8	29.3	19.0	
22	14.1	21.0	109.2	181.0	214.8	212.6	159.4	80.0	55.4	39.9	29.3	18.4	
23	13.6	21.0	127.1	173.0	210.4	210.4	157.5	78.7	53.2	39.9	28.5	18.4	
24	13.6	21.0	146.4	173.0	210.4	210.4	153.8	77.3	52.1	39.9	27.7	18.4	
25	14.1	21.0	155.7	173.0	208.2	217.0	150.1	78.7	52.1	39.9	27.7	17.7	
26	14.1	20.4	173.0	167.1	206.1	212.6	146.4	74.7	51.0	38.9	27.7	17.1	
27	13.6	19.0	181.0	159.4	208.2	208.2	142.8	73.4	49.9	38.9	26.9	16.5	
28	13.6	20.4	169.1	153.8	208.2	201.8	137.5	72.1	49.9	38.0	26.9	16.5	
29	13.0	21.0	157.5	161.3		195.4	134.0	70.9	48.9	38.0	26.9	16.5	
30	12.5	21.0	150.1	191.2		193.3	132.2	69.6	48.9	37.1	26.9	16.5	
31	12.0		139.2	193.3		193.3		69.6		37.1	26.1		
MEAN	16.0	17.6	91.1	189.6	215.8	215.8	159.9	93.7	57.7	42.7	31.5	20.8	95.4
MAX.	21.0	22.4	181.0	273.4	258.7	256.3	191.2	127.1	68.4	48.9	37.1	26.1	273.4
MIN.	12.0	10.0	20.4	141.0	189.2	193.3	132.2	69.6	48.9	37.1	26.1	16.5	10.0

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^{2.2}$

[Flow Regime (m3/s)]:

Q(95day): 167.1 Q(185day): 58.8 Q(275day): 25.4 Q(355day): 13.0

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1963/64	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.44	1.36	2.16	2.80	4.86	4.66	4.14	2.93	2.07	1.77	1.55	1.28		
2	1.44	1.43	2.16	2.78	4.72	4.58	4.11	2.88	2.06	1.77	1.55	1.27		
3	1.43	1.49	2.15	2.83	4.53	4.50	4.08	2.84	2.05	1.76	1.54	1.26		
4	1.41	1.66	2.15	2.90	4.34	4.47	4.04	2.80	2.03	1.76	1.53	1.24		
5	1.39	1.65	2.14	2.91	4.22	4.46	4.00	2.76	2.01	1.75	1.52	1.25		
6	1.38	1.69	2.20	2.91	4.25	4.41	3.96	2.73	2.00	1.74	1.51	1.25		
7	1.39	1.70	2.42	3.15	4.78	4.37	3.92	2.69	1.99	1.73	1.51	1.25		
8	1.38	1.90	2.32	3.35	4.87	4.35	3.89	2.65	1.98	1.73	1.50	1.24		
9	1.37	1.93	2.31	3.42	5.05	4.33	3.86	2.61	1.96	1.72	1.50	1.23		
10	1.35	2.00	2.41	3.50	5.04	4.36	3.82	2.56	1.94	1.71	1.50	1.23		
11	1.34	1.91	2.50	3.55	5.00	4.41	3.77	2.53	1.92	1.71	1.49	1.22		
12	1.33	1.88	2.65	3.52	4.91	4.58	3.73	2.50	1.91	1.71	1.48	1.21		
13	1.32	1.91	2.57	3.57	4.76	4.60	3.70	2.47	1.90	1.70	1.48	1.20		
14	1.30	1.94	2.54	3.61	4.72	4.61	3.67	2.42	1.88	1.70	1.47	1.19		
15	1.29	1.94	2.56	3.62	4.72	4.65	3.62	2.39	1.87	1.69	1.47	1.18		
16	1.27	1.93	2.50	3.53	4.68	4.66	3.58	2.37	1.87	1.69	1.46	1.17		
17	1.25	1.88	2.42	3.43	4.63	4.65	3.53	2.33	1.86	1.68	1.45	1.16		
18	1.23	1.76	2.39	3.44	4.64	4.70	3.48	2.31	1.86	1.67	1.42	1.15		
19	1.22	1.79	2.34	3.69	4.71	4.69	3.44	2.30	1.85	1.66	1.41	1.14		
20	1.19	1.89	2.34	3.72	4.80	4.62	3.40	2.28	1.85	1.65	1.40	1.12		
21	1.19	2.01	2.45	3.71	4.68	4.53	3.36	2.26	1.86	1.65	1.38	1.12		
22	1.19	2.07	2.46	3.61	4.58	4.48	3.32	2.24	1.84	1.64	1.37	1.10		
23	1.19	2.20	2.50	3.58	4.76	4.44	3.26	2.22	1.83	1.64	1.37	1.10		
24	1.22	2.32	2.60	3.55	4.81	4.40	3.22	2.19	1.83	1.62	1.36	1.09		
25	1.25	2.33	2.68	3.65	4.72	4.36	3.19	2.17	1.82	1.61	1.35	1.08		
26	1.28	2.34	2.62	3.89	4.64	4.35	3.14	2.16	1.81	1.59	1.33	1.06		
27	1.30	2.33	2.58	4.05	4.72	4.32	3.10	2.16	1.81	1.59	1.31	1.05		
28	1.27	2.29	2.66	4.87	4.87	4.28	3.06	2.14	1.80	1.58	1.31	1.03		
29	1.23	2.23	2.84	5.05	4.75	4.25	3.03	2.12	1.79	1.57	1.34	1.02		
30	1.24	2.19	2.80	5.62		4.20	2.98	2.10	1.78	1.56	1.31	1.01		
31	1.30		2.81	5.18		4.17		2.08		1.55	1.30			
MEAN	1.30	1.93	2.46	3.64	4.72	4.47	3.58	2.43	1.90	1.67	1.43	1.16	2.55	
MAX.	1.44	2.34	2.84	5.62	5.05	4.70	4.14	2.93	2.07	1.77	1.55	1.28	5.52	
MIN.	1.19	1.36	2.14	2.78	4.22	4.17	2.98	2.08	1.78	1.55	1.30	1.01	1.01	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1963/64	[DISCHARGE (m3/s)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	16.1	14.5	33.4	54.0	154.9	142.5	113.8	58.9	31.0	23.2	18.2	13.0		
2	15.9	15.8	33.3	53.3	146.1	138.2	112.2	57.2	30.5	23.2	18.2	12.3		
3	15.8	17.0	33.2	55.2	134.9	133.6	110.4	55.5	30.2	23.1	18.0	12.6		
4	15.4	20.6	33.1	57.9	124.2	131.7	108.5	53.9	29.8	22.9	17.9	12.4		
5	15.1	20.4	32.7	58.3	117.8	130.9	106.3	52.8	29.4	22.8	17.7	12.5		
6	14.9	21.3	34.5	58.3	119.3	128.5	104.2	51.5	29.0	22.5	17.5	12.4		
7	15.0	21.5	41.1	67.4	149.5	126.3	102.2	50.3	28.7	22.3	17.4	12.5		
8	14.9	26.4	38.1	75.9	155.1	124.9	100.7	48.8	28.3	22.3	17.3	12.3		
9	14.6	27.1	37.7	73.8	165.3	123.9	99.3	47.5	27.9	22.0	17.2	12.1		
10	14.3	28.9	40.8	82.4	166.2	125.3	97.5	45.8	27.3	21.9	17.2	12.1		
11	14.1	26.5	43.8	84.8	163.1	128.5	95.0	44.7	26.8	21.7	17.1	12.0		
12	14.0	25.9	49.0	83.3	157.7	138.0	93.1	43.7	26.5	21.7	16.8	11.9		
13	13.7	26.6	46.0	85.8	148.4	138.9	91.7	42.7	26.3	21.7	16.9	11.7		
14	13.5	27.5	45.1	87.4	146.3	140.0	90.1	41.1	26.0	21.5	16.7	11.5		
15	13.2	27.4	45.7	87.9	146.3	141.7	88.0	40.3	25.8	21.4	16.5	11.4		
16	12.9	27.2	43.8	84.0	143.9	142.6	85.9	39.6	25.6	21.2	16.5	11.2		
17	12.5	25.8	41.3	79.3	141.0	142.1	83.7	38.6	25.5	21.0	16.3	11.0		
18	12.1	23.0	40.2	79.7	141.2	145.0	81.5	37.9	25.3	20.9	15.7	10.9		
19	12.0	23.7	38.7	91.1	145.5	144.3	80.0	37.4	25.2	20.7	15.5	10.7		
20	11.5	26.1	38.8	92.6	151.2	140.5	78.3	36.8	25.2	20.4	15.2	10.4		
21	11.5	29.4	42.1	92.3	143.7	135.0	76.4	36.2	25.5	20.4	14.9	10.3		
22	11.5	30.9	42.5	87.6	137.7	132.2	74.5	35.6	24.9	20.3	14.7	10.1		
23	11.5	34.6	43.9	86.0	148.8	129.8	72.3	35.0	24.7	20.1	14.6	10.0		
24	12.0	38.1	47.0	84.8	151.4	127.5	70.6	34.4	24.6	19.9	14.5	9.8		
25	12.4	38.6	49.8	89.6	146.4	125.8	69.0	33.8	24.4	19.5	14.3	9.6		
26	13.1	38.7	47.7	101.0	141.2	124.8	67.1	33.3	24.3	19.2	13.9	9.5		
27	13.3	38.4	46.6	109.0	146.3	123.1	65.7	33.4	24.1	19.1	13.6	9.2		
28	12.8	37.1	49.3	155.5	155.5	120.9	64.0	32.9	23.8	19.0	13.5	9.0		
29	12.2	35.4	55.7	166.3	148.1	119.3	62.7	32.3	23.7	18.8	14.0	8.8		
30	12.3	34.2	54.3	204.8		116.8	60.9	31.7	23.4	18.5	13.6	8.7		
31	13.5		54.4	174.6		115.4		31.3		18.4	13.3			
MEAN	13.5	27.6	42.7	91.9	146.1	131.5	86.9	41.8	26.5	21.0	16.0	11.1	54.4	
MAX.	16.1	38.7	55.7	204.8	166.3	145.0	113.8	58.9	31.0	23.2	18.2	13.0	204.8	
MIN.	11.5	14.5	32.7	53.3	117.8	115.4	60.9	31.3	23.4	18.4	13.3	8.7	8.7	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 83.7 Q(185day): 33.2 Q(275day): 17.9 Q(355day): 10.7

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1964/65	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.01	0.84	1.41	2.58	3.79	4.28	4.26	2.94	1.98	1.64	1.44	1.15		
2	1.01	0.82	1.40	2.59	3.72	4.23	4.22	2.87	1.97	1.63	1.44	1.13		
3	1.01	0.80	1.38	2.47	3.67	4.20	4.16	2.83	1.94	1.62	1.43	1.12		
4	1.00	0.81	1.41	2.56	3.55	4.60	4.11	2.77	1.93	1.62	1.41	1.11		
5	0.99	0.82	1.39	2.65	3.54	4.79	4.07	2.73	1.91	1.62	1.41	1.13		
6	0.98	0.84	1.38	2.58	3.76	4.62	4.02	2.71	1.90	1.62	1.40	1.14		
7	0.97	1.06	1.42	2.58	3.88	4.62	3.96	2.67	1.88	1.62	1.39	1.18		
8	0.95	1.07	1.46	2.53	3.91	4.63	3.90	2.63	1.87	1.61	1.38	1.19		
9	0.94	1.08	1.44	2.68	3.93	4.65	3.87	2.58	1.86	1.60	1.37	1.17		
10	0.93	1.05	1.44	2.52	4.15	4.64	3.83	2.53	1.85	1.58	1.35	1.09		
11	0.93	1.04	1.46	2.47	4.20	4.63	3.79	2.49	1.83	1.59	1.34	1.06		
12	0.94	1.04	1.48	2.63	4.26	4.94	3.75	2.49	1.83	1.61	1.33	1.05		
13	0.94	1.04	1.45	3.09	4.38	4.77	3.69	2.47	1.82	1.61	1.31	1.07		
14	0.92	1.04	1.42	3.33	4.48	4.53	3.67	2.44	1.82	1.59	1.30	1.07		
15	0.92	1.04	1.40	3.59	4.44	4.44	3.62	2.41	1.82	1.58	1.29	1.07		
16	0.91	1.03	1.35	3.94	4.39	4.33	3.57	2.38	1.81	1.58	1.28	1.04		
17	0.91	1.03	1.34	3.73	4.36	4.25	3.53	2.36	1.79	1.57	1.26	0.92		
18	0.90	1.01	1.40	3.62	4.31	4.14	3.47	2.34	1.77	1.57	1.26	0.84		
19	0.89	0.99	1.48	3.50	4.28	4.06	3.44	2.31	1.76	1.55	1.26	0.85		
20	0.88	0.97	1.56	3.64	4.36	4.05	3.37	2.29	1.74	1.55	1.26	0.86		
21	0.87	0.96	1.61	3.76	4.45	4.11	3.33	2.26	1.73	1.55	1.26	0.87		
22	0.86	0.97	1.72	3.78	4.66	4.14	3.29	2.23	1.72	1.54	1.26	0.89		
23	0.85	1.01	1.73	3.65	4.50	4.22	3.25	2.19	1.71	1.53	1.25	0.90		
24	0.84	1.19	1.74	3.67	4.43	4.20	3.21	2.17	1.69	1.51	1.24	0.91		
25	0.84	1.43	1.77	3.70	4.40	4.14	3.17	2.15	1.69	1.50	1.23	0.90		
26	0.84	1.61	1.84	3.54	4.34	4.09	3.12	2.13	1.68	1.49	1.23	0.90		
27	0.84	1.56	1.94	3.56	4.37	4.05	3.08	2.11	1.67	1.48	1.22	0.90		
28	0.84	1.51	1.93	3.48	4.32	4.14	3.04	2.08	1.66	1.48	1.21	0.91		
29	0.84	1.45	1.98	3.54	4.26	4.26	3.01	2.05	1.65	1.48	1.19	0.91		
30	0.85	1.43	2.06	3.38	4.26	4.26	2.98	2.03	1.65	1.46	1.18	0.91		
31	0.85		2.23	3.59		4.27		2.00		1.46	1.16			
MEAN	0.91	1.08	1.58	3.19	4.17	4.36	3.59	2.41	1.80	1.56	1.30	1.01	2.24	
MAX.	1.01	1.61	2.23	3.94	4.66	4.94	4.26	2.94	1.98	1.64	1.44	1.19	4.94	
MIN.	0.84	0.80	1.34	2.47	3.54	4.05	2.98	2.00	1.55	1.46	1.16	0.84	0.80	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1964/65	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	8.6	6.4	15.5	46.6	95.9	120.9	120.3	59.1	28.6	20.2	16.1	10.8		
2	8.6	6.1	15.2	46.9	92.4	118.6	119.0	56.6	28.1	20.0	15.9	10.6		
3	8.6	5.9	14.9	42.9	90.3	117.0	114.6	55.0	27.5	19.9	15.8	10.4		
4	8.5	6.0	15.5	45.7	85.1	138.9	112.0	53.1	27.2	19.8	15.5	10.2		
5	8.3	6.1	15.1	49.7	84.2	150.6	110.1	51.6	26.7	19.7	15.3	10.5		
6	8.2	6.4	14.9	46.3	94.7	140.3	107.3	51.0	26.3	19.7	15.2	10.7		
7	8.0	9.5	15.7	46.6	100.4	140.3	104.2	49.5	25.9	19.7	15.1	11.4		
8	7.8	9.6	16.4	44.7	101.9	140.7	101.6	48.2	25.6	19.6	14.8	11.6		
9	7.7	9.7	16.0	49.9	102.7	141.7	99.8	46.6	25.3	19.3	14.6	11.1		
10	7.6	9.3	16.1	44.4	114.4	141.4	97.7	44.8	25.1	19.0	14.4	9.8		
11	7.6	9.1	16.5	42.7	117.0	140.7	95.8	43.6	24.8	19.2	14.1	9.4		
12	7.6	9.1	16.9	48.2	119.9	159.4	93.9	43.6	24.6	19.5	13.9	9.4		
13	7.7	9.1	16.2	65.1	126.4	149.4	91.4	42.7	24.5	19.5	13.6	9.6		
14	7.5	9.1	15.7	75.2	132.2	135.0	90.3	42.0	24.4	19.2	13.4	9.5		
15	7.4	9.1	15.2	86.6	130.2	129.8	88.0	40.8	24.3	19.0	13.2	9.5		
16	7.3	9.0	14.3	103.3	127.3	123.7	85.8	39.9	24.2	18.9	13.0	9.1		
17	7.2	8.9	14.2	93.0	125.8	119.4	83.8	39.3	23.7	18.8	12.8	7.5		
18	7.1	8.7	15.2	88.0	122.9	113.8	81.4	38.8	23.3	18.7	12.6	6.3		
19	7.0	8.3	16.8	82.4	121.1	109.5	79.7	37.8	22.9	18.4	12.6	6.5		
20	6.9	8.1	18.4	89.0	125.6	108.8	76.9	37.2	22.6	18.3	12.6	6.6		
21	6.8	8.0	19.5	94.3	130.4	111.8	75.0	36.4	22.3	18.3	12.7	6.8		
22	6.7	8.1	22.0	95.3	142.8	113.6	73.3	35.5	21.9	18.1	12.6	7.0		
23	6.5	8.7	22.2	89.4	133.5	118.1	71.6	34.4	21.7	17.9	12.5	7.1		
24	6.4	11.5	22.6	90.1	129.7	117.0	70.1	33.6	21.5	17.5	12.3	7.3		
25	6.4	15.8	23.2	91.7	127.8	113.4	68.5	33.1	21.2	17.3	12.2	7.2		
26	6.4	19.5	24.8	84.2	124.2	111.2	66.5	32.6	21.0	17.1	12.1	7.1		
27	6.4	18.6	27.5	85.1	125.9	108.8	64.8	31.9	20.8	16.9	12.0	7.2		
28	6.4	17.4	27.2	81.5	123.2	113.8	63.3	31.2	20.6	16.9	11.8	7.3		
29	6.4	16.3	28.5	84.5		120.1	62.1	30.4	20.5	16.7	11.5	7.3		
30	6.5	15.8	30.6	77.2		120.3	60.8	29.7	20.4	16.5	11.3	7.3		
31	6.5		35.5	86.7		120.8		29.1		16.4	11.0			
MEAN	7.3	10.1	19.3	70.8	116.0	126.1	87.6	41.3	23.9	18.6	13.4	8.7	44.8	
MAX.	8.6	19.5	35.5	103.3	142.8	159.4	120.3	59.1	28.6	20.2	16.1	11.6	159.4	
MIN.	6.4	5.9	14.2	42.7	84.2	108.8	60.8	29.1	20.4	16.4	11.0	6.3	5.9	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 77.2 Q(185day): 21.5 Q(275day): 12.1 Q(355day): 6.4

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1965/66											[WATER LEVEL (m)]	
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
	1	0.91	0.78	1.14	1.63	2.97	4.51	4.29	2.75	2.00	1.56	1.26	1.05	
	2	0.90	0.79	1.14	1.65	3.35	4.45	4.19	2.72	1.98	1.55	1.26	1.05	
	3	0.90	0.80	1.09	1.67	3.32	4.36	4.14	2.67	1.97	1.54	1.25	1.06	
	4	0.90	0.81	1.07	1.68	3.20	4.72	4.11	2.63	1.94	1.53	1.25	1.06	
	5	0.90	0.80	1.08	1.71	3.29	4.82	4.05	2.58	1.92	1.52	1.24	1.06	
	6	0.90	0.80	1.08	1.75	3.40	5.12	4.01	2.55	1.91	1.51	1.23	1.05	
	7	0.90	0.83	1.15	1.79	3.64	4.97	3.95	2.50	1.90	1.50	1.23	1.03	
	8	0.89	0.89	1.24	1.83	3.67	4.88	3.91	2.46	1.88	1.48	1.22	1.01	
	9	0.88	1.14	1.31	1.85	3.51	4.79	3.85	2.44	1.87	1.47	1.22	1.00	
	10	0.88	1.07	1.35	1.89	3.38	4.75	3.80	2.42	1.86	1.45	1.21	0.99	
	11	0.89	1.06	1.39	1.91	3.39	4.79	3.73	2.50	1.84	1.45	1.20	0.98	
	12	0.88	1.01	1.50	1.90	3.43	4.72	3.69	2.55	1.82	1.44	1.20	0.97	
	13	0.88	0.94	1.63	1.92	3.44	4.60	3.78	2.52	1.80	1.44	1.18	0.96	
	14	0.87	0.94	1.64	1.96	3.40	4.65	3.83	2.46	1.79	1.43	1.18	0.96	
	15	0.86	0.96	1.91	2.07	3.47	4.97	3.68	2.44	1.76	1.43	1.16	0.96	
	16	0.85	0.97	1.87	2.03	3.86	4.91	3.58	2.44	1.73	1.41	1.16	0.96	
	17	0.85	0.99	1.86	2.07	3.88	4.82	3.53	2.41	1.72	1.40	1.15	0.95	
	18	0.85	1.01	1.70	2.17	3.41	4.82	3.43	2.38	1.70	1.39	1.14	0.94	
	19	0.86	1.01	1.69	2.18	3.42	4.78	3.40	2.36	1.69	1.37	1.13	0.94	
	20	0.87	1.00	1.72	2.21	3.54	4.67	3.39	2.32	1.67	1.36	1.12	0.93	
	21	0.88	1.00	1.72	2.16	3.53	4.59	3.31	2.27	1.66	1.35	1.11	0.92	
	22	0.89	1.02	1.71	2.15	3.61	4.54	3.24	2.23	1.65	1.34	1.10	0.91	
	23	0.89	1.02	1.78	2.14	3.70	4.48	3.18	2.20	1.64	1.33	1.09	0.90	
	24	0.88	1.00	1.77	2.12	3.57	4.43	3.14	2.18	1.63	1.32	1.09	0.88	
	25	0.87	0.99	1.69	2.10	3.64	4.45	3.09	2.15	1.62	1.31	1.08	0.87	
	26	0.87	1.00	1.58	2.14	3.56	4.38	3.04	2.12	1.61	1.30	1.07	0.87	
	27	0.86	1.07	1.49	2.17	3.67	4.36	2.97	2.10	1.59	1.30	1.06	0.86	
	28	0.80	1.06	1.38	2.23	4.54	4.33	2.92	2.07	1.58	1.29	1.05	0.86	
	29	0.79	1.07	1.34	2.45		4.34	2.85	2.05	1.58	1.28	1.05	0.85	
	30	0.79	1.09	1.31	2.71		4.32	2.80	2.04	1.56	1.28	1.05	0.85	
	31	0.78		1.37	2.90		4.32		2.02		1.27	1.05		
MEAN	0.87	0.96	1.47	2.04	3.53	4.63	3.56	2.37	1.76	1.41	1.16	0.96	2.05	
MAX.	0.91	1.14	1.91	2.90	4.54	5.12	4.29	2.75	2.00	1.56	1.26	1.06	5.12	
MIN.	0.78	0.78	1.07	1.63	2.97	4.32	2.80	2.02	1.56	1.27	1.05	0.85	0.78	

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1965/66											[DISCHARGE (m3/sec)]	
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
	1	7.3	5.7	10.7	20.1	60.5	134.0	121.7	52.4	29.0	18.4	12.8	9.3	
	2	7.2	5.8	10.7	20.5	76.0	130.5	116.5	51.1	28.6	18.2	12.7	9.3	
	3	7.1	5.9	9.9	20.8	74.5	125.4	113.6	49.6	28.1	18.0	12.5	9.5	
	4	7.1	6.0	9.6	21.1	69.6	146.4	111.8	48.1	27.5	17.9	12.4	9.4	
	5	7.2	5.9	9.7	21.9	73.2	151.9	109.2	46.5	27.0	17.7	12.3	9.4	
	6	7.1	5.8	9.6	22.7	77.9	171.0	106.7	45.3	26.7	17.5	12.2	9.3	
	7	7.1	6.2	10.9	23.7	89.0	161.3	103.9	43.7	26.3	17.2	12.1	8.9	
	8	7.0	7.0	12.3	24.8	90.4	155.7	101.7	42.6	26.0	16.9	12.0	8.7	
	9	6.9	10.7	13.6	25.1	82.9	150.1	98.7	41.9	25.7	16.5	11.9	8.6	
	10	6.9	9.6	14.3	26.1	77.3	148.3	96.4	41.1	25.4	16.3	11.8	8.4	
	11	7.0	9.4	15.0	26.5	77.5	150.1	93.3	43.8	24.8	16.2	11.7	8.3	
	12	6.9	8.7	17.3	26.3	79.2	146.4	91.4	45.5	24.4	16.1	11.6	8.1	
	13	6.9	7.6	20.0	26.9	80.0	139.2	95.5	44.5	24.0	16.0	11.4	8.0	
	14	6.8	7.7	20.2	28.0	78.1	141.9	97.7	42.6	23.6	15.9	11.3	8.0	
	15	6.6	7.9	26.7	30.8	81.4	161.3	90.8	42.0	22.9	15.8	11.0	8.0	
	16	6.5	8.0	25.6	29.7	99.3	157.5	85.9	41.8	22.4	15.5	10.9	8.0	
	17	6.5	8.3	25.4	31.0	100.4	151.9	84.0	41.0	22.0	15.2	10.8	7.9	
	18	6.5	8.7	21.5	33.8	78.5	151.9	79.3	40.1	21.7	15.0	10.7	7.7	
	19	6.6	8.6	21.5	33.9	78.8	149.7	78.1	39.2	21.2	14.8	10.6	7.6	
	20	6.8	8.5	22.0	34.9	84.4	143.0	77.7	38.0	21.0	14.5	10.4	7.5	
	21	6.9	8.5	22.0	33.3	83.8	138.7	74.2	36.6	20.7	14.3	10.2	7.4	
	22	7.0	8.8	21.7	33.1	87.3	135.5	71.3	35.5	20.5	14.1	10.1	7.3	
	23	7.1	8.9	23.4	32.8	91.6	132.4	68.9	34.7	20.3	14.0	9.9	7.1	
	24	6.9	8.6	23.2	32.4	85.6	129.7	67.1	33.9	19.9	13.8	9.8	6.9	
	25	6.8	8.3	21.2	31.6	88.8	130.5	65.3	33.0	19.7	13.6	9.7	6.8	
	26	6.7	8.5	18.8	32.7	85.1	126.4	63.1	32.2	19.5	13.4	9.6	6.7	
	27	6.6	9.5	17.0	33.6	90.4	125.3	60.6	31.7	19.1	13.3	9.4	6.7	
	28	5.8	9.5	14.8	35.5	135.4	123.7	58.4	31.0	19.0	13.2	9.3	6.6	
	29	5.8	9.6	14.1	42.3		124.6	55.9	30.4	18.8	13.1	9.3	6.5	
	30	5.7	9.9	13.6	50.8		123.1	54.2	30.0	18.6	13.0	9.3	6.5	
	31	5.7		14.7	57.6		123.1		29.5		12.9	9.3		
MEAN	6.7	8.1	17.1	30.5	84.2	141.3	86.4	40.0	23.1	15.4	10.9	7.9	39.0	
MAX.	7.3	10.7	26.7	57.6	135.4	171.0	121.7	52.4	29.0	18.4	12.8	9.5	171.0	
MIN.	5.7	5.7	9.6	20.1	60.5	123.1	54.2	29.5	18.6	12.9	9.3	6.5	5.7	

[Discharge Rating Curve]: Q=6.078*(H+0.184)^2

[Flow Regime (m3/s)]:

Q(95day): 48.1 Q(105day): 20.2 Q(275day): 9.5 Q(355day): 6.2

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

HM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1966/67		[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	2.48	2.33	2.74	5.17	6.35	6.63	6.39	4.16	3.90	3.51	3.18	2.82			
2	2.48	2.33	2.75	5.18	6.36	6.64	6.39	4.14	3.89	3.50	3.17	2.80			
3	2.47	2.33	2.76	5.32	6.36	6.67	6.41	4.13	3.88	3.49	3.16	2.78			
4	2.47	2.34	2.77	5.33	6.39	6.67	6.42	4.12	3.86	3.48	3.15	2.77			
5	2.46	2.35	2.78	5.35	6.39	6.67	6.43	4.11	3.86	3.47	3.15	2.77			
6	2.46	2.36	2.79	5.36	6.50	6.67	6.43	4.10	3.85	3.46	3.13	2.76			
7	2.45	2.37	2.80	5.37	6.51	6.67	6.43	4.09	3.84	3.45	3.12	2.74			
8	2.45	2.38	2.82	5.38	6.54	6.66	6.42	4.08	3.83	3.44	3.12	2.73			
9	2.44	2.39	2.83	5.39	6.55	6.65	6.41	4.07	3.82	3.43	3.10	2.72			
10	2.44	2.40	2.84	5.40	6.56	6.64	6.39	4.06	3.81	3.42	3.09	2.72			
11	2.43	2.41	2.85	5.41	6.59	6.64	6.39	4.05	3.80	3.41	3.08	2.70			
12	2.43	2.42	2.86	5.42	6.60	6.63	6.38	4.04	3.79	3.40	3.04	2.69			
13	2.42	2.43	2.87	5.43	6.62	6.62	6.36	4.03	3.79	3.39	3.03	2.68			
14	2.42	2.44	2.88	5.44	6.63	6.61	6.35	4.05	3.77	3.38	3.02	2.68			
15	2.41	2.44	2.89	5.45	6.64	6.60	6.33	4.01	3.76	3.37	3.01	2.67			
16	2.41	2.45	2.91	5.46	6.65	6.59	6.32	4.00	3.76	3.36	3.00	2.65			
17	2.40	2.46	2.92	5.47	6.66	6.58	6.32	4.00	3.74	3.35	3.00	2.65			
18	2.40	2.47	2.93	6.09	6.68	6.57	6.29	4.00	3.73	3.34	2.99	2.63			
19	2.39	2.47	2.94	5.52	6.77	6.55	6.28	4.00	3.72	3.33	2.98	2.62			
20	2.39	2.48	2.95	5.53	6.78	6.54	6.26	3.99	3.71	3.32	2.97	2.62			
21	2.38	2.49	2.96	5.54	6.86	6.51	6.25	3.96	3.70	3.31	2.96	2.62			
22	2.38	2.51	2.97	5.56	6.87	6.50	6.20	3.95	3.69	3.29	2.95	2.62			
23	2.37	2.51	2.98	5.57	6.88	6.39	6.19	3.94	3.65	3.28	2.94	2.61			
24	2.37	2.51	2.99	5.62	6.89	6.39	6.18	3.93	3.64	3.27	2.93	2.59			
25	2.36	2.52	3.00	5.63	6.94	6.38	6.17	3.93	3.63	3.26	2.93	2.58			
26	2.36	2.53	3.01	5.65	6.87	6.36	6.16	3.93	3.62	3.25	2.92	2.57			
27	2.35	2.53	3.02	5.66	7.10	6.35	6.14	3.92	3.61	3.23	2.91	2.57			
28	2.35	2.54	3.03	5.67	7.12	6.33	6.13	3.91	3.60	3.22	2.90	2.56			
29	2.34	2.55	3.04	5.68		6.32	6.09	3.91	3.59	3.20	2.89	2.56			
30	2.34	2.55	3.05	5.69		6.30	6.08	3.91	3.58	3.19	2.88	2.56			
31	2.33		3.06	5.72			6.29		3.90		3.19	2.87			
MEAN	2.41	2.44	2.90	5.50	6.67	6.54	6.30	4.01	3.75	3.35	3.02	2.67	4.11		
MAX.	2.48	2.55	3.06	6.09	7.12	6.67	6.43	4.16	3.90	3.51	3.18	2.82	7.12		
MIN.	2.33	2.33	2.74	5.17	6.35	6.29	6.08	3.90	3.58	3.19	2.87	2.56	2.33		

QM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1966/67		[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	43.2	38.3	51.9	174.0	259.2	282.2	262.3	114.7	101.1	83.0	68.6	54.9			
2	43.0	38.3	52.3	174.6	259.9	282.9	263.1	113.8	100.7	82.4	68.4	54.0			
3	42.9	38.5	52.6	184.0	260.6	285.4	264.0	113.3	100.2	82.0	68.1	53.4			
4	42.7	38.7	53.0	184.7	262.3	285.7	264.8	112.6	99.6	81.6	67.8	53.2			
5	42.6	39.1	53.4	186.1	263.1	285.7	265.5	112.0	99.2	81.1	67.4	53.2			
6	42.4	39.4	53.7	186.7	271.4	285.7	265.7	111.5	99.7	80.7	66.9	52.7			
7	42.2	39.7	54.0	187.3	272.1	285.4	265.5	111.0	98.3	80.1	66.5	52.1			
8	42.1	40.1	54.7	188.1	274.6	284.7	264.8	110.6	97.8	79.7	65.2	51.6			
9	41.9	40.4	55.2	188.8	275.4	283.9	264.0	110.1	97.3	79.3	65.7	51.2			
10	41.7	40.6	55.6	189.6	276.4	283.4	263.1	109.5	97.0	78.9	65.3	51.1			
11	41.6	40.9	55.9	190.2	278.9	282.9	262.3	108.8	96.7	78.4	64.8	50.6			
12	41.4	41.3	56.3	190.8	279.6	282.2	261.6	108.4	96.2	78.0	63.3	50.0			
13	41.3	41.6	56.6	191.7	281.1	281.1	259.9	107.9	95.8	77.5	62.9	49.7			
14	41.1	41.8	57.0	192.3	282.2	280.4	259.2	106.8	95.2	77.1	62.4	49.7			
15	40.9	42.0	57.4	192.9	282.9	279.6	258.2	106.8	94.7	76.7	62.1	49.5			
16	40.8	42.3	58.1	193.8	283.9	278.9	257.5	106.3	94.3	76.2	61.7	49.0			
17	40.6	42.6	58.6	194.4	284.7	277.9	256.8	106.2	93.7	75.8	61.5	48.7			
18	40.5	42.9	58.9	239.2	286.2	277.1	255.1	106.2	93.3	75.4	61.2	48.2			
19	40.3	43.0	59.3	198.0	294.1	275.4	254.4	106.2	92.9	74.9	60.9	47.8			
20	40.2	43.3	59.7	198.6	294.9	274.6	252.7	106.0	92.3	74.5	60.5	47.8			
21	40.0	43.6	60.1	199.2	301.4	272.1	252.0	104.2	91.8	74.1	60.2	47.8			
22	39.8	44.0	60.5	200.5	302.7	271.4	247.9	103.7	91.4	73.6	59.7	47.6			
23	39.7	44.1	60.9	201.4	303.5	263.1	247.2	103.3	89.4	72.8	59.4	47.4			
24	39.5	44.2	61.2	205.0	304.5	262.3	246.3	103.0	89.0	72.4	59.0	46.9			
25	39.4	44.5	61.7	205.6	308.8	261.6	245.6	103.0	88.6	71.9	58.8	46.4			
26	39.2	44.8	62.1	207.2	302.7	259.9	244.9	102.7	88.0	71.5	58.6	46.2			
27	39.1	44.9	62.5	207.8	322.1	259.2	243.2	102.2	87.6	71.0	58.2	46.2			
28	38.9	45.0	62.9	208.5	324.0	258.2	242.5	101.9	87.2	70.2	57.9	45.9			
29	38.7	45.3	63.3	209.3		257.5	239.2	101.9	86.7	69.7	57.4	45.8			
30	38.6	45.6	63.6	210.0		255.8	238.5	101.7	86.3	69.4	57.1	45.8			
31	38.4		64.1	212.2		255.1		101.4		69.0	56.7				
MEAN	40.8	42.0	58.0	196.5	285.5	274.6	255.6	107.1	94.0	76.1	62.4	49.5	127.4		
MAX.	43.2	45.6	64.1	239.2	324.0	285.7	265.7	114.7	101.1	83.0	68.6	54.9	324.0		
MIN.	38.4	38.3	51.9	174.0	259.2	255.1	238.5	101.4	86.3	69.0	56.7	45.8	38.3		

[Discharge Rating Curve]: Q=6.078*(H+0.184)^2

[Flow Regime (m3/s)]:

Q(95day): 207.8 Q(185day): 81.6 Q(275day): 53.2 Q(355day): 39.2

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

HM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1967/68	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	1.15	1.29	1.74	2.61	4.64	4.22	4.26	3.20	2.19	1.77	1.52	1.24			
2	1.17	1.28	1.73	2.62	4.53	4.21	4.24	3.12	2.17	1.77	1.51	1.23			
3	1.18	1.32	1.73	2.78	4.44	4.23	4.21	3.06	2.15	1.76	1.48	1.28			
4	1.17	1.40	1.69	2.75	4.39	4.20	4.18	3.01	2.13	1.76	1.49	1.27			
5	1.16	1.37	1.74	2.68	4.35	4.18	4.15	2.96	2.12	1.75	1.48	1.25			
6	1.15	1.31	1.83	2.72	4.33	4.20	4.09	2.90	2.11	1.74	1.48	1.23			
7	1.11	1.27	1.94	3.06	4.32	4.40	4.02	2.85	2.09	1.72	1.48	1.20			
8	1.10	1.24	1.90	2.84	4.36	4.66	3.98	2.81	2.08	1.71	1.46	1.21			
9	1.09	1.22	2.09	2.78	4.41	4.84	3.97	2.76	2.06	1.70	1.45	1.22			
10	1.09	1.19	2.14	2.96	4.49	5.00	3.95	2.73	2.05	1.68	1.45	1.20			
11	1.08	1.17	2.03	3.58	4.61	5.08	3.91	2.68	2.03	1.67	1.45	1.17			
12	1.08	1.19	2.02	3.62	4.65	5.17	3.87	2.63	1.99	1.65	1.44	1.16			
13	1.07	1.24	2.05	3.47	4.71	5.25	3.80	2.60	1.98	1.64	1.44	1.15			
14	1.05	1.28	2.10	3.67	4.70	5.39	3.76	2.57	1.96	1.63	1.43	1.13			
15	1.05	1.27	2.13	3.78	4.62	5.43	3.71	2.54	1.94	1.63	1.41	1.12			
16	1.04	1.23	2.26	3.73	4.58	5.45	3.68	2.50	1.92	1.62	1.39	1.12			
17	1.03	1.19	2.25	4.20	4.56	5.23	3.64	2.46	1.91	1.60	1.37	1.11			
18	1.02	1.16	2.23	4.55	4.52	4.93	3.58	2.44	1.89	1.59	1.36	1.10			
19	1.01	1.51	2.15	4.49	4.47	4.82	3.54	2.41	1.88	1.58	1.35	1.09			
20	0.99	1.23	2.21	4.65	4.40	4.79	3.51	2.39	1.87	1.58	1.35	1.09			
21	0.98	1.33	2.27	4.68	4.33	4.67	3.62	2.37	1.86	1.58	1.34	1.08			
22	0.98	1.73	2.28	4.74	4.26	4.57	3.59	2.35	1.86	1.57	1.34	1.06			
23	0.99	1.83	2.31	4.98	4.19	4.49	3.54	2.33	1.85	1.57	1.33	1.05			
24	0.98	1.60	2.30	5.07	4.14	4.42	3.52	2.30	1.83	1.56	1.32	1.04			
25	0.97	1.54	2.27	5.39	4.08	4.38	3.51	2.29	1.83	1.55	1.31	1.03			
26	1.00	1.47	2.25	5.56	4.05	4.36	3.47	2.28	1.82	1.55	1.31	1.01			
27	1.04	1.41	2.24	5.44	4.03	4.34	3.42	2.27	1.81	1.55	1.31	1.00			
28	1.02	1.37	2.27	5.29	4.01	4.33	3.38	2.25	1.80	1.55	1.30	0.98			
29	1.13	1.36	2.49	5.06	4.26	4.31	3.30	2.24	1.79	1.54	1.28	0.98			
30	1.26	1.53	2.55	4.94	4.29	4.29	3.27	2.22	1.78	1.53	1.27	0.98			
31	1.28		2.58	4.86		4.28		2.20		1.52	1.25				
MEAN	1.08	1.35	2.12	3.99	4.39	4.65	3.76	2.57	1.96	1.63	1.39	1.13	2.50		
MAX.	1.28	1.83	2.58	5.56	4.71	5.45	4.26	3.20	2.19	1.77	1.52	1.23	5.56		
MIN.	0.97	1.16	1.69	2.61	4.01	4.18	3.27	2.20	1.78	1.52	1.25	0.98	0.97		

QM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1967/68	[DISCHARGE (m3/s)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	10.8	13.1	22.5	47.3	141.6	117.8	119.9	69.5	34.1	23.3	17.6	12.3			
2	11.2	13.0	22.3	47.8	135.2	117.3	119.1	66.3	33.7	23.2	17.4	12.1			
3	11.4	13.7	22.2	53.4	130.2	118.3	117.3	64.1	33.2	23.1	16.9	13.0			
4	11.2	15.2	21.2	52.4	126.9	116.8	115.7	62.2	32.6	22.9	17.0	12.9			
5	11.0	14.6	22.6	49.8	125.1	115.5	114.2	59.9	32.2	22.8	16.9	12.4			
6	10.8	13.5	24.5	51.4	124.1	116.8	111.2	57.6	31.9	22.5	15.8	12.1			
7	10.1	12.9	27.3	63.8	123.1	127.8	107.6	55.9	31.5	22.1	16.7	11.7			
8	10.0	12.3	26.4	55.5	125.9	142.5	105.4	54.6	31.0	21.8	16.5	11.9			
9	9.9	11.9	31.5	53.3	128.1	153.2	105.1	52.5	30.7	21.6	16.2	12.0			
10	9.8	11.6	32.7	60.2	132.8	163.5	103.7	51.5	30.3	21.2	15.2	11.7			
11	9.7	11.1	29.8	86.0	139.6	168.5	101.9	49.7	29.7	20.9	16.2	11.2			
12	9.6	11.5	29.6	88.1	142.3	174.0	99.8	48.2	28.8	20.5	16.1	11.0			
13	9.5	12.3	30.5	81.2	145.5	179.4	96.7	47.0	28.3	20.2	15.0	10.8			
14	9.3	13.0	31.7	90.3	145.0	188.6	94.6	46.2	27.9	20.1	15.8	10.6			
15	9.2	12.8	32.6	95.3	140.3	191.7	92.3	45.0	27.5	19.9	15.5	10.4			
16	9.1	12.1	36.4	93.0	138.0	192.7	90.6	43.8	27.0	19.7	15.1	10.3			
17	9.0	11.6	35.9	116.8	136.8	178.2	88.7	42.4	26.6	19.3	14.6	10.2			
18	8.8	10.9	35.5	136.1	134.3	159.3	85.9	41.7	26.1	19.1	14.4	10.0			
19	8.6	17.5	33.3	132.8	131.4	152.5	84.5	41.0	25.8	19.0	14.4	9.9			
20	8.4	12.1	34.8	141.7	127.6	150.5	82.9	40.3	25.7	18.9	14.3	9.8			
21	8.3	14.0	36.6	144.1	123.9	143.4	88.0	39.8	25.4	18.8	14.1	9.6			
22	8.2	22.4	36.9	147.3	120.3	137.1	86.6	39.1	25.3	18.7	14.1	9.5			
23	8.2	24.5	37.7	161.9	116.5	132.9	84.5	38.4	25.1	18.6	13.9	9.3			
24	8.2	19.3	37.4	167.7	113.6	129.0	83.5	37.4	24.8	18.4	13.7	9.1			
25	8.1	18.0	36.5	189.0	110.6	126.8	82.9	37.2	24.5	18.4	13.6	8.9			
26	8.5	16.7	35.9	200.7	109.3	125.3	81.0	37.0	24.3	18.4	13.6	8.7			
27	9.1	15.5	35.7	192.1	107.9	124.4	78.9	36.6	24.1	18.4	13.5	8.6			
28	8.9	14.8	36.5	182.2	107.0	123.9	77.1	36.1	23.9	18.2	13.3	8.3			
29	10.6	14.4	43.6	167.3	120.1	122.9	73.8	35.6	23.6	18.1	13.1	8.3			
30	12.7	17.9	45.6	159.4		121.9	72.4	35.2	23.4	17.9	12.9	8.2			
31	13.0		46.5	154.7		120.9		34.7		17.7	12.5				
MEAN	9.7	14.5	32.7	111.7	127.7	143.0	94.9	46.7	28.0	20.1	15.1	10.5	54.3		
MAX.	13.0	24.5	46.5	200.7	145.5	192.7	119.9	69.5	34.1	23.3	17.6	13.0	200.7		
MIN.	8.1	10.9	21.2	47.3	107.0	115.5	72.4	34.7	23.4	17.7	12.5	8.2	8.1		

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 88.7 Q(185day): 29.7 Q(275day): 14.4 Q(355day): 8.6

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1968/69											[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	0.98	0.66	1.10	3.74	6.23	6.45	6.13	5.43	3.98	3.01	2.49	2.03	
2	0.98	0.65	1.20	3.94	6.21	6.47	6.11	5.51	3.93	2.99	2.47	2.01	
3	0.96	0.67	1.23	4.15	6.19	6.45	6.08	5.57	3.86	2.92	2.46	1.99	
4	0.96	0.70	1.41	4.42	6.18	6.43	6.17	5.61	3.83	2.95	2.44	1.96	
5	0.94	0.71	1.47	4.44	6.48	6.41	6.23	5.51	3.79	2.93	2.44	1.94	
6	0.91	0.72	1.38	4.48	6.54	6.44	6.28	5.43	3.74	2.90	2.43	1.91	
7	0.91	0.70	1.30	4.35	6.61	6.51	6.32	5.34	3.66	2.89	2.41	1.88	
8	0.90	0.69	1.31	4.30	6.64	6.47	6.36	5.30	3.63	2.87	2.39	1.86	
9	0.89	0.68	1.32	4.26	6.63	6.37	6.32	5.24	3.59	2.85	2.38	1.83	
10	0.87	0.67	1.29	4.14	6.58	6.26	6.26	5.17	3.57	2.83	2.37	1.81	
11	0.86	0.67	1.33	4.08	6.55	6.26	6.21	5.12	3.54	2.81	2.35	1.79	
12	0.86	0.73	1.37	4.06	6.43	6.25	6.23	5.07	3.51	2.79	2.33	1.78	
13	0.86	0.86	1.72	4.05	6.37	6.25	6.23	5.03	3.47	2.77	2.32	1.76	
14	0.86	1.07	1.90	4.26	6.36	6.18	6.19	4.98	3.43	2.76	2.30	1.74	
15	0.86	1.10	2.89	4.29	6.48	6.30	6.14	4.94	3.40	2.74	2.28	1.72	
16	0.84	1.10	4.06	4.29	6.51	6.86	6.08	4.89	3.37	2.58	2.26	1.70	
17	0.83	1.00	4.11	4.28	6.54	6.98	6.06	4.83	3.33	2.58	2.24	1.69	
18	0.81	0.96	3.54	4.44	6.61	6.96	6.00	4.79	3.30	2.68	2.23	1.67	
19	0.81	0.95	3.67	4.47	6.63	6.69	5.97	4.74	3.27	2.67	2.22	1.65	
20	0.80	0.96	3.72	4.59	6.65	6.55	5.94	4.69	3.24	2.55	2.22	1.64	
21	0.78	0.98	3.73	4.76	6.61	6.42	5.92	4.62	3.21	2.64	2.22	1.63	
22	0.77	1.00	3.74	5.28	6.51	6.45	5.89	4.58	3.19	2.63	2.19	1.62	
23	0.76	0.97	3.73	5.34	6.45	6.48	5.82	4.52	3.17	2.61	2.17	1.61	
24	0.76	0.97	3.74	5.12	6.38	6.41	5.75	4.45	3.14	2.59	2.15	1.60	
25	0.74	0.95	3.76	5.67	6.34	6.29	5.70	4.39	3.12	2.58	2.14	1.58	
26	0.73	0.95	3.77	6.08	6.31	6.20	5.66	4.32	3.10	2.57	2.13	1.56	
27	0.72	1.00	3.76	5.99	6.42	6.17	5.59	4.24	3.08	2.55	2.12	1.55	
28	0.71	1.02	3.61	5.93	6.39	6.64	5.55	4.19	3.05	2.53	2.11	1.55	
29	0.70	1.04	3.57	5.85		6.43	5.50	4.14	3.04	2.52	2.09	1.54	
30	0.69	1.05	3.65	5.81		6.35	5.46	4.09	3.02	2.51	2.07	1.53	
31	0.68		3.71	5.86		6.19		4.03		2.47	2.05		
MEAN	0.83	0.87	2.65	4.73	6.46	6.44	6.00	4.96	3.42	2.72	2.27	1.74	3.57
MAX.	0.98	1.10	4.11	6.08	6.65	5.98	6.36	5.61	3.98	3.01	2.49	2.03	6.98
MIN.	0.68	0.65	1.10	3.74	6.18	6.17	5.46	4.03	3.02	2.47	2.05	1.53	0.65

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1968/69											[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	8.2	4.3	10.0	93.6	250.1	267.5	242.5	191.7	105.3	61.9	43.4	29.9	
2	8.2	4.3	11.7	103.3	248.4	268.9	240.6	196.9	103.1	61.2	42.8	29.3	
3	8.0	4.4	12.1	114.2	246.7	267.2	238.8	200.9	99.6	58.6	42.5	28.7	
4	7.9	4.8	15.5	128.6	245.8	265.5	245.1	204.1	97.8	59.6	41.8	27.9	
5	7.7	4.9	16.7	130.0	269.9	264.0	250.1	197.1	95.8	58.8	41.8	27.3	
6	7.3	4.9	14.9	132.2	274.9	267.0	254.1	191.7	93.7	58.0	41.5	26.7	
7	7.3	4.8	13.5	125.1	280.1	272.4	257.0	185.7	90.0	57.3	40.9	26.0	
8	7.2	4.6	13.6	122.4	282.7	269.4	260.1	182.6	88.3	56.6	40.3	25.4	
9	7.0	4.5	13.7	119.9	282.4	260.9	257.0	178.8	86.7	55.9	40.0	24.7	
10	6.8	4.5	13.2	113.6	277.9	252.7	252.4	174.4	85.8	55.2	39.5	24.1	
11	6.7	4.4	14.0	110.3	275.4	252.4	248.6	170.3	84.5	54.4	38.9	23.7	
12	6.7	5.1	14.7	109.5	266.0	251.7	250.1	167.9	82.9	53.8	38.4	23.4	
13	6.6	6.6	22.0	109.2	261.3	251.2	249.8	165.4	81.1	53.2	38.0	23.0	
14	6.6	9.6	26.4	120.3	260.1	246.0	247.2	162.3	79.3	52.5	37.4	22.5	
15	6.6	10.0	57.5	121.7	270.2	255.8	243.2	159.8	78.3	51.9	36.9	22.1	
16	6.4	10.0	109.6	121.4	272.4	301.4	238.3	156.6	76.8	46.4	36.4	21.6	
17	6.3	8.6	111.8	121.3	275.1	311.7	236.7	152.9	75.2	46.4	35.8	21.3	
18	6.2	8.0	84.5	130.2	280.1	310.1	232.3	150.6	73.8	49.9	35.4	21.0	
19	6.0	7.8	90.3	131.6	282.4	287.0	230.3	147.3	72.5	49.4	35.2	20.5	
20	5.8	8.0	92.7	138.7	283.9	275.6	228.2	144.4	71.1	45.4	35.2	20.2	
21	5.7	8.3	93.0	148.8	280.4	265.3	226.4	140.3	70.1	48.6	35.0	19.9	
22	5.5	8.6	93.7	181.4	272.1	267.5	224.4	137.8	69.1	48.0	34.3	19.7	
23	5.4	8.1	93.0	185.5	267.2	270.2	219.2	134.7	68.2	47.3	33.6	19.5	
24	5.4	8.0	93.6	170.8	261.8	264.3	214.4	130.5	67.3	46.8	33.2	19.3	
25	5.2	7.9	94.7	208.2	258.9	254.6	210.2	128.9	66.2	46.4	32.7	18.9	
26	5.1	7.9	95.2	238.5	256.5	247.7	207.4	123.2	65.4	46.0	32.6	18.4	
27	5.0	8.6	94.3	231.9	265.0	245.1	202.9	119.1	64.6	45.4	32.3	18.3	
28	4.9	8.8	87.6	227.3	262.8	282.7	199.7	116.5	63.7	44.8	32.0	18.2	
29	4.8	9.1	85.5	221.2		266.0	196.1	113.6	63.0	44.5	31.4	18.0	
30	4.7	9.3	89.6	218.1		259.4	193.8	111.2	62.3	44.2	30.9	17.8	
31	4.5		92.3	221.9		247.0		108.1		42.8	30.4		
MEAN	6.3	6.9	57.1	150.0	268.2	266.7	233.2	156.3	79.4	51.3	36.8	22.6	110.2
MAX.	8.2	10.0	111.8	238.5	283.9	311.7	260.1	204.1	105.3	61.9	43.4	29.9	311.7
MIN.	4.5	4.3	10.0	93.6	245.8	245.1	193.8	108.1	62.3	42.8	30.4	17.8	4.3

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^{2.2}$

[Flow Regime (m3/s)]:

Q(95day): 200.9 Q(185day): 73.8 Q(275day): 22.5 Q(355day): 4.8

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1969/70											[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.51	1.68	1.58	4.03	5.18	5.95	4.68	3.40	2.52	2.05	1.76	1.44		
2	1.50	1.76	1.58	3.95	5.09	6.25	4.65	3.36	2.51	2.03	1.74	1.44		
3	1.48	1.72	1.55	4.29	5.11	6.09	4.59	3.33	2.49	2.02	1.74	1.41		
4	1.45	1.70	1.61	4.60	5.49	6.00	4.55	3.28	2.47	2.01	1.73	1.39		
5	1.45	1.69	1.86	4.86	5.49	5.91	4.49	3.24	2.46	2.00	1.72	1.37		
6	1.44	1.67	1.90	4.92	5.59	5.85	4.44	3.20	2.44	1.99	1.71	1.36		
7	1.43	1.61	1.95	4.78	5.45	5.80	4.39	3.17	2.43	1.99	1.70	1.36		
8	1.41	1.57	1.92	4.96	5.40	5.73	4.33	3.13	2.41	1.98	1.70	1.33		
9	1.39	1.52	1.98	4.82	5.49	5.68	4.28	3.09	2.39	1.96	1.69	1.31		
10	1.38	1.48	1.95	4.42	6.02	5.66	4.22	3.07	2.37	1.95	1.68	1.30		
11	1.37	1.44	2.06	4.30	6.11	5.57	4.17	3.02	2.36	1.94	1.67	1.29		
12	1.36	1.48	2.20	4.22	6.00	5.52	4.12	3.00	2.34	1.94	1.65	1.28		
13	1.36	1.65	2.21	4.12	6.08	5.50	4.07	2.96	2.32	1.93	1.63	1.26		
14	1.35	1.91	2.41	4.05	6.06	5.49	4.06	2.92	2.30	1.92	1.62	1.25		
15	1.34	1.86	2.41	4.01	6.03	5.48	4.02	2.90	2.29	1.91	1.62	1.24		
16	1.32	1.83	2.51	4.01	5.91	5.42	3.97	2.87	2.27	1.90	1.60	1.23		
17	1.30	1.80	2.72	4.22	5.84	5.37	3.97	2.85	2.25	1.89	1.60	1.22		
18	1.31	1.78	2.62	4.33	6.13	5.31	4.00	2.83	2.24	1.88	1.59	1.20		
19	1.40	1.78	3.60	4.34	6.07	5.25	3.94	2.81	2.23	1.87	1.59	1.19		
20	1.47	1.74	3.45	4.40	5.96	5.18	3.92	2.80	2.21	1.86	1.57	1.19		
21	1.46	1.66	3.62	4.56	5.83	5.15	3.89	2.77	2.19	1.85	1.56	1.18		
22	1.39	1.71	3.44	4.79	5.76	5.10	3.84	2.73	2.19	1.84	1.56	1.17		
23	1.33	1.80	3.61	4.97	5.68	5.05	3.81	2.71	2.16	1.83	1.54	1.17		
24	1.31	1.80	3.93	5.10	5.64	5.00	3.77	2.69	2.15	1.83	1.55	1.16		
25	1.34	1.75	4.17	4.99	5.70	4.94	3.74	2.68	2.29	1.83	1.54	1.15		
26	1.36	1.71	4.06	4.87	5.70	4.90	3.70	2.65	2.12	1.82	1.53	1.13		
27	1.37	1.69	4.08	4.79	5.70	4.86	3.63	2.64	2.10	1.80	1.51	1.11		
28	1.52	1.62	4.00	4.80	5.77	4.82	3.57	2.60	2.09	1.80	1.50	1.09		
29	1.62	1.71	3.88	4.90		4.79	3.50	2.58	2.08	1.78	1.50	1.08		
30	1.72	1.61	4.08	5.07		4.76	3.46	2.56	2.06	1.77	1.49	1.06		
31	1.65		4.39	5.10		4.71		2.54		1.76	1.45			
MEAN	1.42	1.69	2.82	4.57	5.72	5.39	4.06	2.92	2.29	1.90	1.61	1.25	2.95	
MAX.	1.72	1.91	4.39	5.10	6.13	6.25	4.68	3.40	2.52	2.05	1.76	1.44	6.25	
MIN.	1.30	1.44	1.55	3.95	5.09	4.71	3.46	2.54	2.06	1.76	1.45	1.06	1.06	

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1969/70											[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	17.5	21.0	19.0	108.1	175.0	228.4	143.9	78.3	44.6	30.3	22.9	16.1		
2	17.3	23.0	18.9	103.7	169.3	251.5	141.7	76.6	44.1	29.9	22.6	15.9		
3	16.9	22.1	18.2	121.9	170.2	239.0	138.5	75.2	43.5	29.6	22.4	15.5		
4	16.2	21.7	19.6	138.9	195.4	232.8	136.1	72.9	42.9	29.4	22.3	15.1		
5	16.3	21.2	25.5	154.9	195.8	225.5	132.6	71.3	42.4	29.1	21.9	14.8		
6	16.1	20.8	26.4	158.5	202.9	221.5	130.0	69.6	41.9	28.8	21.8	14.5		
7	15.8	19.6	27.7	149.9	193.1	217.9	127.3	68.2	41.5	28.7	21.6	14.4		
8	15.4	18.6	26.9	160.6	189.6	212.4	124.1	66.8	40.8	28.4	21.5	14.0		
9	15.1	17.7	28.5	152.5	195.4	208.7	120.9	65.3	40.2	28.0	21.2	13.6		
10	14.9	16.9	27.8	128.8	233.7	207.8	117.8	64.2	39.8	27.8	21.1	13.5		
11	14.7	16.1	30.7	122.4	240.6	201.1	115.0	62.5	39.3	27.5	21.0	13.2		
12	14.5	16.9	34.6	117.6	232.8	198.0	112.8	61.5	38.7	27.4	20.5	13.1		
13	14.4	20.4	34.7	112.8	238.3	196.5	109.9	60.1	38.0	27.1	20.0	12.7		
14	14.3	26.5	40.8	108.8	237.2	195.6	109.6	58.7	37.5	27.0	19.9	12.4		
15	14.1	25.3	40.9	106.7	234.6	195.0	107.3	57.6	37.1	26.8	19.8	12.3		
16	13.7	24.5	44.2	106.7	225.9	190.8	105.1	56.6	36.5	26.4	19.3	12.1		
17	13.5	23.8	51.1	117.8	220.8	187.5	105.1	55.9	36.1	26.1	19.4	11.9		
18	13.6	23.4	47.9	123.9	242.0	183.4	106.5	55.3	35.6	25.8	19.2	11.7		
19	15.2	23.4	87.2	124.6	237.6	179.2	103.6	54.6	35.3	25.6	19.1	11.5		
20	16.6	22.4	80.4	127.8	229.8	175.0	102.4	53.9	34.8	25.3	18.8	11.4		
21	16.4	20.6	87.9	136.8	219.9	172.6	100.7	53.0	34.2	25.1	18.6	11.4		
22	15.0	21.9	79.9	150.1	214.6	169.5	98.6	51.8	33.9	25.0	18.4	11.2		
23	14.0	23.9	87.7	161.7	209.3	166.5	96.8	50.9	33.5	24.8	18.0	11.1		
24	13.6	24.0	103.0	169.9	205.9	163.6	94.9	50.4	33.1	24.6	18.2	11.0		
25	14.1	22.8	115.2	162.5	210.4	159.6	93.4	49.7	37.1	24.5	18.0	10.8		
26	14.4	21.7	109.6	155.3	210.4	157.0	91.7	48.9	32.3	24.3	17.8	10.5		
27	14.7	21.2	110.4	150.3	210.2	154.5	88.4	48.4	31.8	24.0	17.5	10.2		
28	17.6	19.8	106.5	150.8	215.2	152.5	85.5	47.2	31.5	23.8	17.3	9.8		
29	19.9	21.8	100.4	156.8		150.5	82.6	46.4	31.1	23.5	17.2	9.7		
30	21.9	19.5	110.4	168.1		148.6	80.6	45.7	30.7	23.2	17.0	9.5		
31	20.4		127.3	169.5		145.5		45.0		23.1	16.3			
MEAN	15.7	21.4	60.3	138.0	212.7	189.9	110.1	58.8	37.3	26.5	19.7	12.5	74.5	
MAX.	21.9	26.5	127.3	169.9	242.0	251.5	143.9	78.3	44.6	30.3	22.9	16.1	251.5	
MIN.	13.5	16.1	18.2	103.7	169.3	145.5	80.6	45.0	30.7	23.1	16.3	9.5	9.5	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$
 [Flow Regime (m3/s)]:
 Q(5day): 117.6 Q(185day): 37.1 Q(275day): 20.4 Q(355day): 11.4

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

HM ST.: 4-130 SMITH'S BRIDGE

YEAR : 1970/71

[WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.11	0.97	2.89	5.04	5.89	6.28	5.84	4.50	3.35	2.69		1.87	
2	1.10	0.97	2.85	5.08	5.87	6.44	5.77	4.75	3.32	2.68		1.85	
3	1.09	0.97	3.01	4.91	5.93	6.41	5.72	4.41	3.29	2.66		1.83	
4	1.09	0.94	3.12	5.11	5.86	6.38	5.68	4.38	3.24	2.65	2.33	1.82	
5	1.08	0.92	3.24	5.02	5.93	6.46	5.64	4.34	3.21	2.63	2.31	1.80	
6	1.07	0.97	3.36	5.54	6.06	6.52	5.66	4.30	3.18	2.62	2.29	1.79	
7	1.06	1.02	3.49	5.84	6.13	6.50	5.66	4.24	3.14	2.60	2.26	1.78	
8	1.05	1.06	3.49	5.92	6.08	6.49	5.58	4.18	3.11	2.59	2.26	1.77	
9	1.05	1.06	3.50	5.83	6.05	6.47	5.53	4.15	3.08	2.58	2.25	1.76	
10	1.04	1.04	3.47	5.75	6.05	6.45	5.49	4.11	3.05	2.57	2.23	1.75	
11	1.03	1.11	3.39	5.64	6.03	6.50	5.42	4.07	3.03	2.55	2.22	1.74	
12	1.02	0.94	3.29	5.48	6.00	6.49	5.37	4.04	3.02	2.55	2.19	1.74	
13	1.01	1.32	3.38	5.47	6.00	6.56	5.32	4.00	3.00	2.54	2.17	1.73	
14	1.01	1.36	3.44	5.61	5.99	7.09	5.26	3.96	2.99	2.53	2.14	1.72	
15	1.02	1.41	3.45	5.60	5.97	7.12	5.22	3.93	2.97	2.52	2.12	1.71	
16	1.01	1.41	3.44	5.72	6.11	6.95	5.17	3.89	2.95	2.52	2.11	1.71	
17	1.00	1.32	3.60	5.90	6.10	6.88	5.13	3.86	2.93	2.51	2.09	1.70	
18	1.00	1.32	3.82	5.82	6.09	6.79	5.09	3.83	2.90	2.51	2.08	1.69	
19	0.99	1.35	4.05	5.68	6.10	6.72	5.05	3.80	2.88	2.51	2.06	1.68	
20	0.99	1.34	4.44	5.70	6.07	6.66	5.02	3.76	2.87	2.50	2.05	1.68	
21	0.99	1.32	4.88	5.72	6.12	6.62	4.97	3.73	2.85	2.49	2.04	1.66	
22	0.99	2.45	4.75	5.68	6.23	6.54	4.93	3.70	2.83	2.48	2.02	1.65	
23	0.98	2.58	4.67	5.96	6.24	6.40	4.90	3.67	2.81	2.47	2.01	1.64	
24	0.97	2.45	4.55	6.10	6.43	6.11	4.85	3.64	2.80	2.46	2.00	1.63	
25	0.98	2.17	4.40	6.01	6.39	6.07	4.80	3.62	2.78	2.45	1.98	1.62	
26	1.01	2.37	4.50	5.88	6.36	6.05	4.76	3.59	2.75	2.44	1.96	1.61	
27	1.01	2.50	4.41	5.73	6.32	6.03	4.71	3.57	2.74	2.42	1.95	1.60	
28	1.06	2.74	4.29	6.01	6.27	6.00	4.65	3.55	2.73	2.41	1.94	1.57	
29	1.01	2.89	4.22	5.96		5.96	4.61	3.49	2.72	2.40	1.92	1.56	
30	0.98	2.88	4.74	5.95		5.91	4.55	3.44	2.70	2.40	1.91	1.55	
31	0.98		5.10	5.91		5.88		3.40		2.38	1.88		
MEAN	1.03	1.57	3.85	5.66	6.10	6.44	5.21	3.93	2.97	2.53	2.10	1.71	3.59
MAX.	1.11	2.89	5.10	6.10	6.43	7.12	5.84	4.75	3.35	2.69	2.33	1.87	7.12
MIN.	0.97	0.92	2.85	4.91	5.86	5.88	4.55	3.40	2.70	2.38	1.88	1.55	0.92

QM ST.: 4-130 SMITH'S BRIDGE

YEAR : 1970/71

[DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	10.2	8.1	57.5	165.6	223.9	254.1	220.8	133.6	75.9	50.3	39.5	25.6	
2	10.1	8.0	56.1	168.7	223.0	266.7	215.7	147.9	74.7	49.7	38.9	25.2	
3	9.9	8.0	61.9	157.5	227.5	264.3	211.9	128.5	73.2	49.2	38.3	24.8	
4	9.8	7.7	66.4	170.6	221.9	261.8	208.7	126.4	71.3	48.7	38.4	24.4	
5	9.7	7.5	71.4	164.4	227.5	268.7	206.5	124.2	69.9	48.2	37.9	24.0	
6	9.6	8.0	76.4	198.8	236.9	273.4	207.8	122.1	68.9	47.7	37.3	23.7	
7	9.4	8.8	82.2	220.3	242.5	271.9	207.4	118.8	67.3	47.2	36.4	23.4	
8	9.3	9.4	82.2	226.6	238.5	270.4	202.2	115.5	65.9	46.7	36.4	23.2	
9	9.2	9.5	82.4	219.7	236.2	269.2	198.6	113.9	64.8	46.3	36.0	23.1	
10	9.1	9.1	81.0	213.9	236.5	267.2	195.4	112.3	63.5	46.0	35.5	22.8	
11	8.9	10.2	77.7	206.3	234.4	271.2	190.6	110.1	62.8	45.6	35.0	22.6	
12	8.8	7.7	73.4	195.0	232.8	270.4	187.3	108.4	62.3	45.4	34.4	22.5	
13	8.7	13.8	77.2	194.0	232.5	276.6	183.8	106.3	61.7	45.1	33.7	22.3	
14	8.7	14.5	79.9	204.1	231.6	321.6	180.0	104.5	61.1	44.9	32.8	22.0	
15	8.8	15.3	80.4	203.1	230.0	324.5	177.6	102.7	60.4	44.6	32.3	21.8	
16	8.6	15.5	79.7	212.2	240.4	309.3	174.0	100.8	59.6	44.5	32.0	21.7	
17	8.5	13.7	87.0	225.3	239.7	303.0	171.6	99.5	58.8	44.2	31.5	21.6	
18	8.5	13.8	97.5	218.8	239.0	295.4	169.3	98.1	57.9	44.1	31.0	21.4	
19	8.4	14.3	109.2	208.9	239.9	289.5	166.5	96.4	57.2	44.0	30.5	21.2	
20	8.4	14.1	130.0	210.6	237.8	284.4	164.6	94.7	56.6	43.8	30.2	21.0	
21	8.3	13.7	155.9	211.7	241.6	281.4	161.7	93.1	55.9	43.5	30.0	20.7	
22	8.3	42.2	148.1	209.1	249.8	274.6	159.1	91.6	55.0	43.2	29.5	20.5	
23	8.2	46.6	143.0	229.4	250.5	263.8	157.0	90.1	54.5	42.8	29.2	20.1	
24	8.1	42.1	136.3	239.9	266.2	240.9	153.8	89.0	54.2	42.5	28.9	20.0	
25	8.3	33.7	128.0	233.0	262.8	238.1	151.0	87.9	53.3	42.2	28.4	19.8	
26	8.7	39.6	133.3	223.5	260.4	236.2	148.4	86.7	52.4	41.9	28.0	19.5	
27	8.6	43.8	128.3	212.8	256.8	234.4	145.3	85.6	51.9	41.3	27.7	19.3	
28	9.5	52.0	121.7	233.0	252.9	232.5	142.3	84.9	51.5	40.9	27.4	18.8	
29	8.6	57.4	118.0	229.4		229.6	139.4	82.0	51.1	40.6	27.0	18.6	
30	8.3	57.2	147.5	228.4		225.7	136.1	79.9	50.7	40.4	26.5	18.4	
31	8.2		169.7	225.7		223.5		78.0		40.1	26.0		
MEAN	8.9	21.5	101.3	208.4	239.8	267.6	177.8	103.7	60.8	44.7	32.5	21.8	106.7
MAX.	10.2	57.4	169.7	239.9	266.2	324.5	220.8	147.9	75.9	50.3	39.5	25.6	324.5
MIN.	8.1	7.5	56.1	157.5	221.9	223.5	136.1	78.0	50.7	40.1	26.0	18.4	7.5

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 194.0 Q(185day): 67.3 Q(275day): 29.2 Q(355day): 8.3

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1971/72	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.55	1.27	1.86	4.04	4.39	4.72	5.59	5.32	3.35	2.70	2.20	1.83		
2	1.54	1.23	1.77	4.17	4.39	4.84	5.77	4.87	3.31	2.69	2.20	1.93		
3	1.53	1.21	1.84	4.42	4.37	5.02	5.92	4.77	3.27	2.67	2.20	1.81		
4	1.51	1.22	1.80	4.70	4.42	5.07	6.08	4.68	3.24	2.65	2.19	1.80		
5	1.50	1.24	1.98	4.79	4.21	5.09	6.01	4.62	3.22	2.63	2.19	1.79		
6	1.48	1.27	2.19	4.58	4.07	5.26	5.75	4.50	3.20	2.61	2.18	1.78		
7	1.45	1.25	2.19	4.41	4.46	5.46	5.62	4.45	3.18	2.59	2.17	1.77		
8	1.44	1.31	2.20	4.36	4.26	5.50	5.61	4.44	3.15	2.56	2.13	1.76		
9	1.42	1.37	2.12	4.16	4.24	5.73	5.57	4.37	3.13	2.55	2.12	1.74		
10	1.41	1.35	2.00	4.07	4.46	5.41	5.54	4.20	3.12	2.53	2.11	1.72		
11	1.40	1.32	2.09	3.99	4.69	5.38	5.50	4.14	3.10	2.51	2.10	1.71		
12	1.38	1.31	2.15	4.24	4.61	5.36	5.47	4.09	3.07	2.50	2.09	1.69		
13	1.37	1.34	2.08	4.16	4.57	5.31	5.35	4.08	3.04	2.48	2.08	1.68		
14	1.36	1.65	1.99	4.12	4.51	5.67	5.29	4.03	3.02	2.43	2.06	1.66		
15	1.35	1.78	2.11	4.21	4.44	5.50	5.28	3.95	2.98	2.40	2.05	1.64		
16	1.34	1.88	2.42	4.22	4.44	5.58	5.25	3.90	2.96	2.37	2.03	1.62		
17	1.32	2.12	2.31	4.53	4.38	5.60	5.20	3.89	2.95	2.36	2.02	1.60		
18	1.98	2.19	2.54	4.01	4.36	5.66	5.17	3.82	2.93	2.33	2.01	1.59		
19	1.76	2.36	2.48	3.93	4.83	5.58	5.15	3.79	2.90	2.32	2.00	1.57		
20	1.62	2.14	3.03	4.00	4.78	5.52	5.13	3.76	2.88	2.30	1.98	1.56		
21	1.55	2.14	2.97	4.05	4.70	5.46	5.12	3.72	2.86	2.30	1.96	1.56		
22	1.49	2.04	3.26	4.45	4.68	5.33	5.10	3.68	2.84	2.29	1.94	1.55		
23	1.46	1.98	3.16	4.48	4.78	5.31	5.07	3.63	2.81	2.28	1.93	1.55		
24	1.43	1.94	3.71	4.40	4.72	5.29	4.97	3.55	2.80	2.26	1.92	1.53		
25	1.37	1.89	3.70	4.51	4.70	5.30	4.94	3.53	2.79	2.26	1.91	1.51		
26	1.36	1.83	3.58	4.31	4.72	5.36	4.92	3.51	2.78	2.25	1.89	1.48		
27	1.34	1.77	3.46	4.19	4.72	5.33	5.00	3.49	2.75	2.24	1.88	1.47		
28	1.30	1.73	3.85	4.09	4.72	5.43	5.08	3.45	2.73	2.23	1.87	1.45		
29	1.30	1.69	3.47	4.04	4.68	5.71	5.38	3.42	2.72	2.22	1.87	1.44		
30	1.29	1.67	3.07	4.47		5.69	5.39	3.39	2.72	2.21	1.86	1.44		
31	1.28		3.43	4.36		5.64		3.35		2.21	1.86			
MEAN	1.45	1.65	2.61	4.27	4.53	5.39	5.37	4.01	2.99	2.42	2.03	1.64	3.19	
MAX.	1.98	2.36	3.85	4.79	4.83	5.73	6.08	5.32	3.35	2.70	2.20	1.93	6.08	
MIN.	1.28	1.21	1.77	3.93	4.07	4.72	4.92	3.35	2.72	2.21	1.86	1.44	1.21	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1971/72	[DISCHARGE (m3/s)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	18.2	12.8	25.4	108.4	126.9	145.9	202.4	184.5	75.9	50.5	34.7	24.8		
2	18.0	12.2	23.2	115.2	127.1	153.2	215.2	155.1	74.3	50.0	34.6	24.6		
3	17.8	11.9	25.0	128.6	125.9	164.6	226.6	149.0	72.5	49.4	34.5	24.3		
4	17.4	12.0	24.0	145.0	128.6	168.1	238.3	143.5	71.4	48.8	34.4	24.0		
5	17.2	12.3	28.6	150.5	117.3	168.9	233.2	140.3	70.4	48.2	34.2	23.6		
6	16.8	12.8	34.4	138.2	109.8	180.2	214.1	133.3	69.5	47.5	33.9	23.4		
7	16.2	12.5	34.2	128.3	131.0	193.8	204.6	136.7	68.9	46.7	33.6	23.2		
8	15.9	13.5	34.6	125.8	119.9	196.1	204.4	130.0	67.5	45.9	32.6	22.9		
9	15.7	14.8	32.4	114.6	118.8	212.6	201.4	126.1	66.6	45.4	32.4	22.6		
10	15.5	14.3	29.0	109.9	131.0	190.4	198.8	117.0	66.2	44.8	32.0	21.9		
11	15.2	13.8	31.5	105.7	144.3	187.9	196.5	113.6	65.5	44.3	31.8	21.7		
12	14.9	13.6	33.2	118.9	139.4	186.9	194.6	111.0	64.2	43.8	31.5	21.5		
13	14.8	14.1	31.2	114.9	137.5	193.4	186.3	110.4	63.3	43.1	31.1	21.2		
14	14.5	20.4	28.7	112.5	133.8	208.5	182.4	108.1	62.3	41.4	30.6	20.7		
15	14.3	23.4	32.0	117.3	129.8	196.7	181.2	104.0	60.8	40.6	30.2	20.2		
16	14.0	26.0	41.1	117.8	129.8	201.8	179.6	101.4	59.9	39.6	29.9	19.8		
17	13.7	32.2	37.9	135.0	126.8	203.1	176.4	100.8	59.6	39.3	29.5	19.3		
18	28.3	34.4	45.1	106.8	125.6	207.4	174.2	97.5	58.8	38.5	29.2	19.1		
19	22.9	39.3	43.3	103.0	152.9	201.8	172.8	96.1	57.9	38.1	28.9	18.8		
20	19.8	32.7	62.8	106.5	149.5	197.5	171.8	94.3	57.0	37.6	28.5	18.6		
21	18.2	32.7	60.4	109.2	145.2	193.5	171.2	92.7	56.3	37.4	28.0	18.5		
22	17.0	30.0	72.3	130.7	143.5	184.7	169.7	90.7	55.5	37.3	27.5	18.4		
23	16.4	28.3	68.1	132.2	149.9	183.2	167.9	88.6	54.4	36.8	27.1	18.2		
24	15.8	27.5	92.1	127.5	145.9	182.4	161.2	84.8	54.2	36.4	27.0	17.8		
25	14.7	26.1	91.6	134.0	145.2	182.8	159.4	83.7	53.8	36.3	26.6	17.4		
26	14.4	24.7	86.0	122.9	146.3	186.7	158.3	82.7	53.4	35.9	26.1	16.9		
27	14.0	23.2	80.7	116.3	146.1	184.9	163.3	81.9	52.6	35.6	26.0	16.7		
28	13.5	22.2	98.7	111.0	145.9	191.2	168.7	80.4	51.6	35.5	25.6	16.3		
29	13.3	21.5	81.0	108.2	143.5	211.1	188.1	78.9	51.3	35.1	25.5	16.1		
30	13.2	21.0	64.2	131.7		209.5	188.6	77.5	51.1	34.9	25.4	15.9		
31	13.1		79.3	125.4		206.1		76.0		34.7	25.3			
MEAN	16.3	21.2	50.1	121.0	135.1	189.2	188.4	108.5	61.6	41.3	29.9	20.3	81.7	
MAX.	28.3	39.3	98.7	150.5	152.9	212.6	238.3	184.5	75.9	50.5	34.7	24.8	238.3	
MIN.	13.1	11.9	23.2	103.0	109.8	145.9	158.3	76.0	51.1	34.7	25.3	15.9	11.9	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 129.8 Q(185day): 56.3 Q(275day): 26.1 Q(355day): 13.5

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1972/73	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.43	1.33	1.33	1.62	2.15	3.76	3.20	2.55	1.62	1.37	1.22	1.05		
2	1.41	1.32	1.33	1.66	2.14	3.71	3.18	2.55	1.62	1.36	1.22	1.04		
3	1.40	1.30	1.32	1.78	2.19	3.63	3.15	2.55	1.61	1.35	1.21	1.03		
4	1.40	1.27	1.32	1.75	2.19	3.55	3.02	2.44	1.60	1.35	1.21	1.02		
5	1.39	1.25	1.76	1.80	2.18	3.56	2.99	2.29	1.58	1.34	1.21	1.01		
6	1.38	1.23	1.73	1.78	2.42	3.54	3.00	2.24	1.57	1.34	1.20	1.01		
7	1.38	1.22	1.70	1.77	2.37	3.50	2.99	2.20	1.55	1.32	1.20	1.01		
8	1.38	1.44	1.68	1.97	2.36	3.40	2.97	2.19	1.53	1.32	1.19	1.00		
9	1.37	1.42	1.65	2.09	2.36	3.47	2.96	2.15	1.52	1.31	1.19	1.00		
10	1.36	1.40	1.62	2.34	2.80	3.87	2.96	2.12	1.52	1.31	1.19	0.99		
11	1.35	1.38	1.59	2.36	3.08	4.04	2.98	2.08	1.51	1.31	1.17	0.99		
12	1.35	1.37	1.57	3.03	3.30	4.15	3.01	2.05	1.51	1.30	1.17	0.98		
13	1.35	1.35	1.49	3.06	3.56	4.06	3.05	2.02	1.49	1.29	1.17	0.98		
14	1.33	1.33	1.46	2.98	3.42	3.79	3.04	2.00	1.45	1.29	1.16	0.98		
15	1.32	1.21	1.43	2.98	3.25	3.62	3.01	1.96	1.34	1.29	1.15	0.99		
16	1.31	1.20	1.41	3.03	3.23	3.56	2.98	1.93	1.23	1.28	1.14	0.99		
17	1.31	1.19	1.71	2.98	3.22	3.47	2.96	1.90	1.80	1.28	1.14	0.99		
18	1.31	1.17	1.69	2.94	3.33	3.42	2.95	1.87	1.68	1.28	1.14	0.98		
19	1.30	1.16	1.68	2.62	3.28	3.37	2.91	1.85	1.52	1.28	1.13	0.97		
20	1.30	1.40	1.62	2.58	3.17	3.40	2.90	1.83	1.46	1.27	1.13	0.95		
21	1.29	1.36	1.69	2.33	3.06	3.36	2.88	1.80	1.46	1.27	1.13	0.94		
22	1.29	1.34	1.71	2.26	3.83	3.07	2.84	1.78	1.45	1.27	1.12	0.93		
23	1.46	1.33	1.72	2.07	3.85	3.08	2.72	1.76	1.44	1.26	1.11	0.93		
24	1.45	1.32	1.73	1.99	3.89	3.25	2.68	1.73	1.42	1.28	1.11	0.94		
25	1.44	1.36	2.02	2.26	3.84	3.25	2.61	1.72	1.40	1.25	1.10	0.94		
26	1.44	1.36	1.97	2.45	3.44	3.28	2.59	1.71	1.40	1.25	1.10	0.94		
27	1.43	1.36	1.78	2.34	3.39	3.27	2.56	1.70	1.40	1.25	1.10	0.92		
28	1.40	1.36	1.71	2.27	3.74	3.26	2.56	1.68	1.39	1.24	1.09	0.91		
29	1.38	1.35	1.67	2.32	3.24	3.24	2.55	1.67	1.38	1.23	1.07	0.91		
30	1.37	1.35	1.65	2.22	3.22	3.22	2.55	1.66	1.37	1.23	1.07	0.89		
31	1.35		1.63	2.19		3.21		1.64		1.23	1.07			
MEAN	1.37	1.31	1.63	2.32	3.04	3.50	2.89	1.99	1.49	1.29	1.15	0.97	1.91	
MAX.	1.46	1.44	2.02	3.06	3.89	4.15	3.20	2.55	1.80	1.37	1.22	1.05	4.15	
MIN.	1.29	1.16	1.32	1.62	2.14	3.07	2.55	1.64	1.23	1.23	1.07	0.89	0.89	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1972/73	[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	15.8	13.9	14.0	19.7	33.2	94.6	69.6	45.4	19.9	14.6	12.0	9.3		
2	15.5	13.7	13.9	20.7	32.7	92.3	68.7	45.5	19.7	14.5	11.9	9.1		
3	15.3	13.4	13.8	23.4	34.2	88.6	67.4	45.5	19.5	14.4	11.9	9.0		
4	15.3	12.8	13.7	22.7	34.1	84.8	62.3	41.9	19.3	14.3	11.8	8.8		
5	15.1	12.5	22.9	23.9	33.9	85.1	61.1	37.1	19.0	14.1	11.8	8.6		
6	14.9	12.1	22.2	23.4	41.1	84.2	61.5	35.8	18.6	14.1	11.7	8.7		
7	14.9	12.0	21.6	23.2	39.7	82.6	61.4	34.5	18.2	13.8	11.7	8.6		
8	14.8	16.0	21.2	28.3	39.3	78.3	60.6	34.1	17.9	13.7	11.6	8.6		
9	14.7	15.6	20.5	31.5	39.4	81.4	60.2	33.2	17.7	13.6	11.5	8.5		
10	14.4	15.3	19.3	38.7	53.9	99.8	59.9	32.1	17.7	13.6	11.4	8.4		
11	14.4	14.9	19.2	39.3	64.6	108.5	60.9	31.2	17.5	13.5	11.2	8.4		
12	14.3	14.6	18.6	62.8	73.9	114.2	61.9	30.5	17.4	13.4	11.2	8.2		
13	14.3	14.3	17.0	63.8	85.2	109.3	63.5	29.5	17.0	13.2	11.1	8.2		
14	14.0	14.0	16.4	60.9	78.9	95.9	63.1	29.1	16.3	13.2	11.0	8.2		
15	13.8	11.8	15.9	61.0	71.5	87.9	62.1	28.0	14.2	13.1	10.9	8.4		
16	13.6	11.7	15.5	62.7	70.9	85.1	60.8	27.1	12.2	13.1	10.7	8.4		
17	13.6	11.6	21.9	61.0	70.4	81.0	59.9	26.4	24.0	13.0	10.7	8.4		
18	13.5	11.2	21.5	59.5	75.2	79.1	59.7	25.7	21.0	13.0	10.6	8.3		
19	13.4	11.0	21.0	47.6	73.0	76.8	58.2	25.1	17.6	13.0	10.6	8.1		
20	13.3	15.2	19.9	46.5	68.2	78.3	57.9	24.7	16.5	12.9	10.5	7.8		
21	13.2	14.5	21.5	38.3	63.8	76.4	57.1	24.0	16.4	12.9	10.5	7.7		
22	13.2	14.2	21.7	36.3	98.1	64.5	55.5	23.5	16.3	12.9	10.4	7.5		
23	16.4	13.9	21.9	31.0	98.9	64.6	51.2	22.9	16.0	12.8	10.2	7.5		
24	16.2	13.7	22.2	28.7	101.0	71.5	49.7	22.4	15.6	12.7	10.1	7.7		
25	16.1	14.5	29.6	36.3	98.6	71.5	47.4	22.1	15.2	12.5	10.1	7.7		
26	16.1	14.5	28.2	42.1	80.0	73.0	46.4	21.9	15.3	12.5	10.0	7.7		
27	15.8	14.5	23.5	38.8	77.6	72.4	45.8	21.5	15.2	12.4	10.0	7.4		
28	15.2	14.4	21.7	36.5	93.4	72.0	45.8	21.2	15.0	12.3	9.8	7.3		
29	14.9	14.4	21.0	38.2		71.1	45.6	21.0	14.8	12.2	9.5	7.2		
30	14.6	14.3	20.4	35.1		70.6	45.5	20.7	14.7	12.1	9.5	7.1		
31	14.3		20.1	34.1		70.1		20.3		12.1	9.5			
MEAN	14.7	13.7	20.1	39.2	65.2	82.8	57.7	29.1	17.2	13.2	10.8	8.2	30.8	
MAX.	16.4	16.0	29.6	63.8	101.0	114.2	69.6	45.5	24.0	14.6	12.0	9.3	114.2	
MIN.	13.2	11.0	13.7	19.7	32.7	64.5	45.5	20.3	12.2	12.1	9.5	7.1	7.1	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 41.1 Q(185day): 17.7 Q(275day): 13.2 Q(355day): 7.8

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1973/74		[WATER LEVEL (m)]	
N	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	0.94	0.73	1.23	1.92	3.11	4.17	4.77	3.67	2.65	2.15	1.69	1.44				
2	0.93	0.74	1.21	1.90	3.27	4.14	4.80	3.63	2.64	2.13	1.68	1.43				
3	1.03	0.76	1.18	2.10	3.44	4.11	5.15	3.56	2.62	2.12	1.66	1.41				
4	1.01	1.09	1.18	2.07	3.59	4.05	5.16	3.50	2.60	2.10	1.65	1.39				
5	1.00	1.06	1.22	2.35	3.52	4.01	5.13	3.44	2.58	2.07	1.65	1.37				
6	0.98	1.07	1.51	2.70	3.60	4.07	5.05	3.33	2.55	2.05	1.65	1.37				
7	0.97	1.09	1.46	2.90	3.58	4.18	5.00	3.30	2.53	2.02	1.64	1.36				
8	0.94	1.09	1.52	3.00	3.47	4.14	4.91	3.24	2.52	2.01	1.63	1.35				
9	0.93	1.11	1.49	2.87	3.37	4.50	4.82	3.21	2.51	1.99	1.62	1.34				
10	0.94	1.48	1.45	2.97	3.27	4.61	4.72	3.22	2.49	1.98	1.61	1.32				
11	0.94	1.43	1.56	3.42	3.22	4.66	4.64	3.26	2.48	1.97	1.59	1.31				
12	0.92	1.38	1.63	3.30	3.22	4.81	4.60	3.28	2.46	1.94	1.59	1.30				
13	0.90	1.34	1.59	3.22	3.20	4.75	4.51	3.26	2.44	1.93	1.58	1.28				
14	0.88	1.42	1.54	3.01	3.18	4.69	4.45	3.26	2.43	1.92	1.57	1.26				
15	0.87	1.40	1.46	2.83	3.19	4.53	4.38	3.28	2.40	1.90	1.55	1.25				
16	0.87	1.38	1.41	2.71	3.24	4.45	4.31	3.33	2.38	1.89	1.54	1.23				
17	0.86	1.36	1.48	2.72	3.31	4.38	4.29	3.37	2.36	1.87	1.53	1.22				
18	0.84	1.34	1.57	2.68	3.40	4.28	4.20	3.41	2.35	1.86	1.51	1.20				
19	0.84	1.31	1.48	2.63	3.54	4.29	4.17	3.38	2.33	1.83	1.50	1.19				
20	0.84	1.29	1.48	2.60	3.53	4.42	4.15	3.37	2.31	1.82	1.48	1.19				
21	0.84	1.26	1.51	2.65	3.61	4.42	4.13	3.29	2.30	1.81	1.47	1.17				
22	0.83	1.23	1.41	3.28	3.76	4.43	4.09	3.17	2.29	1.80	1.46	1.16				
23	0.82	1.19	1.35	3.48	3.89	4.41	4.02	3.06	2.26	1.79	1.44	1.15				
24	0.81	1.22	1.32	3.43	3.90	4.37	3.97	3.01	2.25	1.77	1.52	1.13				
25	0.80	1.23	1.57	3.42	4.06	4.36	3.95	2.95	2.23	1.75	1.50	1.12				
26	0.80	1.19	1.67	3.33	3.99	4.39	3.86	2.90	2.23	1.74	1.49	1.10				
27	0.80	1.21	1.71	3.31	4.06	4.35	3.80	2.83	2.21	1.73	1.48	1.09				
28	0.80	1.19	1.77	3.25	4.15	4.30	3.77	2.81	2.19	1.72	1.46	1.07				
29	0.79	1.18	1.73	3.19		4.35	3.74	2.77	2.17	1.71	1.46	1.07				
30	0.80	1.16	1.77	3.21		4.52	3.71	2.72	2.16	1.71	1.44	1.05				
31	0.81		1.82	3.16		4.69		2.68		1.70	1.44					
MEAN	0.88	1.20	1.49	2.89	3.52	4.38	4.41	3.21	2.40	1.90	1.55	1.24	2.41			
MAX.	1.03	1.48	1.82	3.48	4.15	4.81	5.16	3.67	2.65	2.15	1.59	1.44	5.16			
MIN.	0.79	0.73	1.18	1.90	3.11	4.01	3.71	2.63	2.16	1.70	1.44	1.05	0.73			

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1973/74		[DISCHARGE (m3/sec)]	
N	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	7.6	5.1	12.2	27.0	65.8	115.2	149.0	90.3	48.9	33.1	21.5	15.9				
2	7.5	5.2	11.8	26.4	72.5	113.6	151.0	88.3	48.4	32.6	21.1	15.8				
3	8.9	5.4	11.4	31.7	80.0	111.8	172.6	85.3	47.8	32.4	20.8	15.4				
4	8.7	9.9	11.4	31.0	86.5	109.2	173.6	82.4	47.1	31.6	20.5	15.0				
5	8.5	9.5	12.0	39.0	83.4	106.8	171.4	79.7	46.3	30.8	20.4	14.8				
6	8.3	9.6	17.4	50.6	87.2	110.1	166.5	75.2	45.6	30.2	20.4	14.7				
7	8.1	9.8	16.5	57.9	86.0	115.5	163.1	73.8	44.9	29.5	20.3	14.4				
8	7.7	9.8	17.7	61.6	81.0	113.4	157.9	71.3	44.6	29.1	20.1	14.3				
9	7.6	10.2	17.1	56.5	76.7	133.3	151.9	70.1	44.1	28.7	19.8	14.0				
10	7.7	16.9	16.2	60.3	72.5	140.0	146.3	70.6	43.6	28.4	19.5	13.7				
11	7.6	15.8	18.4	78.9	70.4	142.5	141.6	72.1	43.1	28.1	19.2	13.5				
12	7.4	14.9	20.0	73.8	70.6	151.6	138.9	72.8	42.6	27.5	19.2	13.3				
13	7.1	14.1	19.2	70.2	69.7	147.9	133.8	72.1	42.0	27.1	19.0	13.0				
14	6.9	15.7	18.0	62.1	68.9	144.3	130.7	72.3	41.4	26.8	18.7	12.8				
15	6.8	15.2	16.4	55.3	69.4	135.2	126.6	72.8	40.4	26.4	18.3	12.4				
16	6.7	14.8	15.5	50.8	71.1	130.4	122.9	75.1	39.9	26.1	18.0	12.1				
17	6.6	14.5	16.9	51.2	74.2	126.8	121.9	76.8	39.4	25.9	17.8	11.9				
18	6.4	14.1	18.7	49.7	78.0	121.3	116.8	78.4	39.0	25.3	17.4	11.7				
19	6.4	13.6	16.9	48.1	84.2	121.7	115.4	77.3	38.5	24.8	17.2	11.6				
20	6.3	13.2	16.9	47.1	83.8	129.0	114.2	76.7	37.9	24.4	16.3	11.4				
21	6.4	12.7	17.4	48.7	87.3	128.6	113.1	73.6	37.5	24.3	16.5	11.2				
22	6.2	12.1	15.5	72.8	94.3	129.2	111.0	68.5	36.9	24.0	16.4	11.0				
23	6.1	11.6	14.4	81.5	101.0	128.5	107.3	64.0	36.4	23.7	16.0	10.9				
24	6.0	12.0	13.8	79.2	101.4	126.1	105.0	61.8	36.0	23.3	17.6	10.6				
25	5.9	12.1	18.6	78.9	109.5	125.6	103.7	59.7	35.3	22.8	17.3	10.3				
26	5.9	11.6	20.9	75.1	105.7	127.3	99.5	57.8	35.3	22.4	17.1	10.1				
27	5.9	11.8	21.7	74.1	109.5	125.1	96.7	55.2	34.8	22.2	16.9	9.7				
28	5.9	11.6	23.2	71.6	113.9	122.2	95.2	54.5	34.2	21.9	16.5	9.6				
29	5.8	11.3	22.3	69.0		124.8	93.6	53.1	33.7	21.8	16.4	9.5				
30	5.9	11.0	23.2	70.1		134.7	92.1	51.2	33.5	21.7	16.0	9.3				
31	6.0		24.3	68.0		144.3		49.7		21.7	16.0					
MEAN	6.9	11.8	17.3	58.7	84.1	127.0	129.4	70.4	40.6	26.4	18.3	12.5	50.0			
MAX.	8.9	16.9	24.3	81.5	113.9	151.6	173.6	90.3	48.9	33.1	21.5	15.9	173.6			
MIN.	5.8	5.1	11.4	26.4	65.8	106.8	92.1	49.7	33.5	21.7	16.0	9.3	5.1			

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^{2.4}$
 [Flow Regime (m3/s)]:
 Q(95day): 75.1 Q(185day): 30.2 Q(275day): 15.0 Q(355day): 6.0

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

HM ST.: 4-130 SMITH'S BRIDGE

YEAR : 1974/75

[WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.05	0.87	1.44	3.72	3.65	4.18	5.59	4.70	3.10	2.44	1.97	1.66	
2	1.04	0.86	1.37	3.91	3.58	4.40	5.54	4.63	3.08	2.43	1.96	1.64	
3	1.03	0.85	1.28	4.03	3.55	4.75	5.50	4.53	3.07	2.41	1.95	1.62	
4	1.02	0.85	1.28	4.30	3.60	4.97	5.59	4.48	3.05	2.39	1.95	1.61	
5	1.02	0.84	1.43	4.51	3.79	5.35	5.74	4.41	3.02	2.37	1.94	1.59	
6	1.02	0.85	1.51	4.62	3.98	5.91	5.97	4.35	2.99	2.35	1.92	1.58	
7	1.01	0.85	1.68	4.69	4.86	6.04	6.00	4.27	2.97	2.34	1.92	1.56	
8	1.01	0.84	1.63	4.79	4.78	5.79	5.96	4.19	2.95	2.32	1.91	1.55	
9	1.00	0.84	1.58	4.51	4.70	5.66	5.85	4.11	2.94	2.30	1.91	1.53	
10	1.00	0.84	1.57	4.39	4.58	5.62	5.77	4.03	2.91	2.30	1.91	1.52	
11	0.98	0.83	1.72	4.29	4.56	5.86	5.72	3.97	2.87	2.28	1.89	1.52	
12	0.98	0.82	1.90	4.22	4.49	6.04	5.67	4.22	2.84	2.25	1.88	1.51	
13	0.97	0.82	2.33	4.18	4.40	6.15	5.62	3.86	2.82	2.22	1.86	1.49	
14	0.96	0.80	2.38	4.19	4.29	6.52	5.52	3.79	2.80	2.20	1.85	1.47	
15	0.95	0.80	2.38	4.87	4.13	6.69	5.47	3.73	2.77	2.20	1.84	1.46	
16	0.94	0.79	2.38	4.65	3.96	6.62	5.42	3.71	2.75	2.19	1.83	1.44	
17	0.94	0.78	2.40	4.40	3.87	6.55	5.37	3.64	2.72	2.18	1.81	1.43	
18	0.94	0.77	2.27	4.56	3.74	6.47	5.33	3.59	2.70	2.15	1.80	1.41	
19	0.93	0.81	2.00	4.56	3.68	6.45	5.30	3.55	2.71	2.14	1.79	1.40	
20	0.92	0.90	2.00	4.54	3.61	6.39	5.26	3.55	2.65	2.13	1.77	1.40	
21	0.92	0.97	2.89	4.53	3.55	6.32	5.18	3.51	2.63	2.12	1.76	1.38	
22	0.91	1.00	2.99	4.52	3.60	6.24	5.12	3.48	2.61	2.11	1.75	1.37	
23	0.90	1.15	3.08	4.45	3.62	6.13	5.07	3.44	2.59	2.09	1.75	1.36	
24	0.90	1.23	3.33	4.39	3.76	6.01	5.04	3.41	2.57	2.07	1.74	1.34	
25	0.89	1.21	3.50	4.30	3.78	5.95	5.01	3.38	2.54	2.06	1.74	1.33	
26	0.91	1.40	3.53	4.21	3.89	5.91	4.97	3.33	2.52	2.04	1.73	1.32	
27	0.90	1.42	3.44	4.13	3.89	5.82	4.92	3.30	2.51	2.01	1.71	1.30	
28	0.89	1.47	3.63	4.01	3.96	5.76	4.87	3.26	2.49	1.99	1.70	1.29	
29	0.89	1.61	3.58	3.90		5.72	4.82	3.21	2.48	1.98	1.69	1.29	
30	0.89	1.50	3.52	3.81		5.68	4.77	3.16	2.47	1.98	1.68	1.28	
31	0.88		3.48	3.72		5.63		3.12		1.97	1.68		
MEAN	0.95	0.99	2.37	4.32	3.99	5.86	5.40	3.80	2.77	2.19	1.83	1.45	2.99
MAX.	1.05	1.61	3.63	4.87	4.85	6.69	6.00	4.70	3.10	2.44	1.97	1.56	6.69
MIN.	0.88	0.77	1.28	3.72	3.55	4.18	4.77	3.12	2.47	1.97	1.68	1.28	0.77

QM ST.: 4-130 SMITH'S BRIDGE

YEAR : 1974/75

[DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	9.2	6.7	16.1	92.4	89.3	115.7	202.6	145.0	65.4	42.0	28.2	20.8	
2	9.1	6.7	14.8	101.9	85.9	127.5	199.2	140.9	64.8	41.4	28.0	20.2	
3	8.9	5.5	13.1	107.7	84.9	147.7	196.3	135.2	64.3	41.0	27.8	19.9	
4	8.9	6.5	13.0	122.2	87.0	161.3	202.6	132.1	63.7	40.4	27.7	19.5	
5	8.8	6.4	15.8	134.2	95.9	186.1	213.5	128.5	62.5	39.7	27.4	19.2	
6	8.8	6.5	17.4	140.5	105.4	225.9	230.0	124.9	61.2	39.1	27.0	18.9	
7	8.7	6.5	21.1	144.4	154.4	235.8	232.1	120.4	60.5	38.7	26.8	18.5	
8	8.6	6.4	19.9	150.5	149.7	216.9	229.1	116.2	59.8	38.2	26.6	18.2	
9	8.6	6.4	19.0	134.0	145.2	207.6	221.5	112.2	59.1	37.6	26.5	17.9	
10	8.5	6.4	18.6	127.1	137.8	204.8	215.2	108.1	58.1	37.5	26.5	17.7	
11	8.3	6.3	22.0	121.7	137.0	222.3	211.7	105.1	56.8	36.9	26.1	17.7	
12	8.2	6.2	26.4	117.8	132.8	235.1	208.2	118.0	55.7	36.0	26.0	17.4	
13	8.1	6.1	38.3	115.9	127.5	244.1	204.8	99.6	54.8	35.2	25.5	17.0	
14	8.0	5.9	40.1	116.5	121.9	273.1	197.7	95.8	53.9	34.6	25.1	16.7	
15	7.8	5.8	40.0	155.1	113.1	287.2	194.6	93.3	53.0	34.5	24.8	16.4	
16	7.7	5.8	39.9	142.3	104.3	281.7	190.6	92.0	52.3	34.3	24.5	16.1	
17	7.6	5.7	40.5	127.8	99.9	275.9	187.5	88.8	51.3	33.9	24.3	15.9	
18	7.6	5.5	36.5	137.0	93.7	269.4	184.7	86.5	50.5	33.2	23.9	15.5	
19	7.5	6.1	28.9	136.6	90.7	267.5	182.6	84.8	50.9	32.7	23.7	15.3	
20	7.5	7.2	29.9	135.5	87.4	263.1	180.0	84.6	49.0	32.6	23.3	15.2	
21	7.4	8.1	57.3	134.9	84.8	257.2	174.6	83.1	48.0	32.3	23.0	14.9	
22	7.3	8.5	61.4	134.3	86.9	250.8	171.2	81.5	47.3	32.0	22.8	14.8	
23	7.2	10.8	64.6	130.7	87.9	242.3	167.9	79.7	46.7	31.4	22.7	14.4	
24	7.2	12.2	75.2	127.3	94.3	233.2	165.6	78.5	46.0	31.0	22.5	14.2	
25	7.0	11.8	82.4	122.1	95.3	228.9	164.0	77.1	45.2	30.5	22.4	14.0	
26	7.3	15.2	84.0	117.3	100.5	225.9	161.7	75.0	44.6	30.0	22.2	13.7	
27	7.2	15.6	80.0	113.1	100.5	219.2	158.3	73.9	44.0	29.3	21.9	13.5	
28	7.1	16.7	88.6	106.7	104.2	215.0	155.1	72.3	43.5	28.7	21.5	13.2	
29	7.0	19.5	85.9	101.1		211.9	151.9	70.0	43.1	28.4	21.2	13.1	
30	7.0	17.2	83.3	97.0		208.9	149.2	68.0	42.7	28.3	21.2	13.0	
31	6.9		81.8	92.4		205.2		66.4		28.3	21.1		
MEAN	7.9	8.7	43.7	123.8	107.1	224.1	190.1	98.0	53.3	34.5	24.6	16.4	77.6
MAX.	9.2	19.5	88.6	155.1	154.4	287.2	232.1	145.0	65.4	42.0	28.2	20.8	287.2
MIN.	6.9	5.5	13.0	92.4	84.8	115.7	149.2	66.4	42.7	28.3	21.1	13.0	5.5

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 118.0 Q(185day): 46.7 Q(275day): 18.6 Q(355day): 6.4

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1975/76	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.27	1.07	1.12	2.99	5.37	5.56	6.43	5.96	4.66	3.50	2.82	2.35		
2	1.26	1.05	1.21	3.24	5.30	5.53	6.32	5.89	4.59	3.46	2.80	2.33		
3	1.26	1.03	1.28	3.37	5.26	5.63	6.25	5.82	4.53	3.43	2.79	2.32		
4	1.24	1.02	1.40	3.47	5.21	5.98	6.31	5.80	4.48	3.41	2.78	2.31		
5	1.23	1.01	1.46	3.60	5.14	5.82	6.71	5.74	4.42	3.35	2.76	2.30		
6	1.22	0.99	1.50	3.66	5.11	5.99	7.03	5.71	4.36	3.33	2.74	2.28		
7	1.22	0.98	1.51	3.75	5.15	6.14	7.21	5.67	4.30	3.31	2.72	2.27		
8	1.20	0.99	1.49	3.67	5.43	6.21	7.46	5.67	4.25	3.29	2.70	2.25		
9	1.19	0.98	1.59	3.82	5.29	6.41	7.22	5.65	4.22	3.27	2.69	2.23		
10	1.18	0.98	1.56	4.05	5.17	6.50	7.24	5.64	4.18	3.26	2.68	2.21		
11	1.17	0.97	1.50	4.21	5.14	6.53	7.17	5.61	4.13	3.24	2.66	2.19		
12	1.16	0.95	1.61	4.57	5.19	6.73	7.06	5.58	4.09	3.22	2.64	2.18		
13	1.16	0.94	1.82	4.79	5.24	6.71	7.05	5.53	4.04	3.20	2.63	2.16		
14	1.15	0.97	2.07	4.83	5.16	6.52	6.88	5.49	4.01	3.18	2.62	2.17		
15	1.15	1.01	2.11	5.02	5.11	6.18	6.75	5.46	3.97	3.16	2.60	2.17		
16	1.14	1.08	1.97	4.95	5.11	6.00	6.64	5.41	3.93	3.14	2.59	2.15		
17	1.12	1.14	2.09	4.90	5.24	5.96	6.53	5.38	3.89	3.12	2.58	2.12		
18	1.11	1.18	2.09	4.93	5.22	6.02	6.43	5.34	3.86	3.09	2.56	2.09		
19	1.10	1.20	2.23	4.79	5.70	6.46	6.32	5.32	3.83	3.07	2.55	2.07		
20	1.10	1.20	2.37	4.71	5.90	6.52	6.30	5.25	3.80	3.04	2.54	2.05		
21	1.17	1.21	2.42	4.81	6.07	6.43	6.28	5.20	3.76	3.02	2.53	2.04		
22	1.20	1.16	2.35	4.49	6.18	6.32	6.30	5.16	3.72	3.00	2.51	2.03		
23	1.19	1.09	2.30	4.41	5.98	6.36	6.25	5.13	3.69	2.98	2.50	2.01		
24	1.17	1.04	2.40	4.27	5.83	6.33	6.32	5.09	3.66	2.97	2.49	2.09		
25	1.15	1.06	2.58	4.20	5.75	6.40	6.31	5.05	3.64	2.95	2.47	2.12		
26	1.14	1.04	2.70	4.13	5.75	6.85	6.32	4.98	3.61	2.94	2.45	2.10		
27	1.11	1.08	2.96	4.16	5.69	7.25	6.19	4.92	3.59	2.92	2.44	2.05		
28	1.10	1.11	3.03	4.63	5.65	7.48	6.08	4.89	3.57	2.89	2.42	2.03		
29	1.10	1.09	3.01	5.19	5.61	7.11	6.02	4.84	3.55	2.87	2.40	1.98		
30	1.09	1.10	2.92	5.34		6.83	5.97	4.77	3.53	2.86	2.33	1.95		
31	1.09		2.80	5.39		6.54		4.70		2.84	2.37			
MEAN	1.17	1.06	2.05	4.33	5.45	6.36	6.58	5.38	3.99	3.14	2.59	2.15	3.62	
MAX.	1.27	1.21	3.03	5.39	6.18	7.48	7.46	5.96	4.65	3.50	2.82	2.35	7.48	
MIN.	1.09	0.94	1.12	2.99	5.11	5.53	5.97	4.70	3.53	2.84	2.37	1.95	0.94	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1975/76	[DISCHARGE (m3/s)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	12.8	9.6	10.3	61.2	187.5	200.3	286.2	229.4	142.5	82.3	54.8	39.0		
2	12.6	9.3	11.8	71.3	183.0	198.6	257.0	224.1	138.7	80.8	54.2	38.3		
3	12.6	9.0	13.0	76.8	180.0	205.4	251.5	219.4	135.2	79.5	53.7	38.1		
4	12.3	8.8	15.3	81.4	176.6	230.9	256.3	217.9	132.1	78.4	53.3	37.7		
5	12.1	8.7	16.5	86.9	172.2	218.8	288.8	213.5	128.6	76.0	52.5	37.4		
6	12.0	8.4	17.3	90.0	170.2	231.9	315.9	210.8	125.3	75.0	51.9	37.0		
7	11.9	8.3	17.5	93.9	173.2	242.7	332.2	208.5	122.1	74.1	51.1	36.5		
8	11.7	8.3	17.1	90.3	191.7	248.4	355.0	208.2	119.6	73.3	50.7	36.1		
9	11.4	8.3	19.2	97.3	182.4	264.0	333.3	207.2	117.6	72.7	50.3	35.5		
10	11.3	8.2	18.5	109.0	174.0	271.7	334.6	206.1	115.5	71.9	49.7	34.8		
11	11.1	8.0	17.2	117.5	172.2	273.9	328.3	204.1	113.3	71.1	49.1	34.4		
12	11.0	7.8	19.5	137.5	175.4	290.8	319.1	202.2	110.9	70.4	48.6	33.9		
13	10.9	7.7	24.4	150.3	179.0	288.5	317.8	198.2	108.7	69.6	48.0	33.3		
14	10.9	8.0	30.9	152.9	173.8	272.9	303.0	195.4	106.7	68.9	47.6	33.6		
15	10.8	8.6	31.9	164.8	170.0	246.0	292.1	193.8	104.8	68.1	47.2	33.7		
16	10.6	9.7	28.1	160.4	170.2	232.8	283.4	190.2	102.8	67.1	46.8	33.2		
17	10.4	10.6	31.5	157.4	178.6	229.8	273.6	188.1	101.0	66.2	46.3	32.4		
18	10.2	11.4	31.5	158.7	177.2	234.2	266.2	185.3	99.5	65.2	45.9	31.5		
19	10.0	11.6	35.3	150.3	210.6	268.2	257.5	184.2	97.8	64.2	45.5	30.9		
20	10.1	11.7	39.6	145.5	224.8	273.4	255.5	179.6	96.5	63.1	45.1	30.3		
21	11.2	11.8	41.1	139.4	237.6	266.2	254.1	176.4	94.8	62.4	44.7	30.0		
22	11.7	11.0	38.9	132.9	246.3	256.8	255.3	173.8	92.6	61.7	44.3	29.9		
23	11.6	9.9	37.5	128.5	230.7	260.4	251.2	171.6	91.0	61.0	43.9	29.3		
24	11.2	9.1	40.7	120.8	219.7	257.7	257.0	169.1	90.0	60.3	43.5	31.4		
25	10.9	9.4	46.4	116.8	213.9	263.3	256.5	166.5	88.8	59.7	42.9	32.6		
26	10.7	9.1	50.6	113.1	214.1	300.9	256.8	162.1	87.7	59.1	42.3	31.8		
27	10.2	9.7	59.9	114.7	210.0	335.5	247.0	158.5	86.6	58.4	41.7	30.4		
28	10.0	10.1	62.7	141.0	206.9	357.3	238.5	156.4	85.5	57.5	41.1	29.7		
29	10.0	9.8	62.1	175.8	204.4	323.5	233.5	153.4	84.6	56.8	40.5	28.6		
30	9.9	10.0	58.4	185.7		298.8	230.5	149.4	83.7	56.2	40.0	27.7		
31	9.8		54.2	189.0		274.9		145.2		55.5	39.5			
MEAN	11.1	9.4	32.2	126.2	193.3	261.9	278.9	188.7	106.8	67.3	47.0	33.3	112.6	
MAX.	12.8	11.8	62.7	189.0	246.3	357.3	355.0	229.4	142.5	82.3	54.8	39.0	357.3	
MIN.	9.8	7.7	10.3	61.2	170.0	198.6	230.5	145.2	83.7	55.5	39.5	27.7	7.7	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 184.2 Q(185day): 76.0 Q(275day): 32.4 Q(355day): 8.8

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1976/77	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.93	1.51	1.62	3.12	4.82	6.19	6.21	4.82	3.50	2.69	2.31	2.01		
2	1.90	1.50	1.46	3.06	4.84	6.28	6.19	4.76	3.45	2.68	2.30	1.98		
3	1.85	1.48	1.45	3.00	4.82	6.36	6.13	4.70	3.41	2.67	2.30	1.98		
4	1.81	1.46	1.59	3.04	5.30	6.24	6.09	4.64	3.36	2.66	2.29	1.97		
5	1.77	1.48	1.67	3.08	5.36	6.19	6.05	4.58	3.30	2.68	2.29	1.96		
6	1.73	1.48	1.63	3.05	5.35	6.20	6.01	4.53	3.28	2.63	2.28	1.94		
7	1.76	1.48	1.80	3.13	5.15	6.15	5.97	4.49	3.23	2.62	2.28	1.93		
8	1.73	1.47	1.85	3.42	5.01	6.10	5.93	4.43	3.19	2.61	2.27	1.91		
9	1.76	1.55	1.94	3.40	4.82	6.01	5.89	4.38	3.16	2.61	2.28	1.90		
10	1.73	1.90	2.76	3.37	4.80	6.09	5.85	4.33	3.12	2.59	2.29	1.89		
11	1.72	1.90	2.87	3.35	4.69	6.14	5.82	4.27	3.10	2.58	2.28	1.87		
12	1.71	1.93	2.79	3.40	4.65	6.20	5.78	4.22	3.08	2.57	2.28	1.86		
13	1.68	1.96	2.74	3.41	4.69	6.18	5.75	4.16	3.05	2.55	2.27	1.84		
14	1.68	1.97	2.87	3.66	4.70	6.10	5.71	4.12	3.03	2.53	2.26	1.83		
15	1.68	1.98	2.97	3.65	4.72	6.03	5.68	4.07	3.00	2.52	2.26	1.81		
16	1.69	1.99	3.12	3.42	4.78	6.20	5.62	4.02	2.97	2.51	2.26	1.80		
17	1.68	2.02	3.13	3.40	4.76	6.35	5.56	3.99	2.96	2.50	2.25	1.79		
18	1.68	2.04	3.14	3.65	4.69	6.46	5.49	3.97	2.95	2.49	2.24	1.76		
19	1.67	2.05	3.00	4.14	4.60	6.61	5.43	3.94	2.94	2.47	2.24	1.75		
20	1.68	1.99	2.80	4.63	4.57	6.69	5.37	3.92	2.92	2.46	2.23	1.74		
21	1.68	1.97	2.72	5.12	4.54	6.50	5.32	3.90	2.90	2.45	2.22	1.73		
22	1.66	1.91	2.85	5.16	4.61	6.46	5.22	3.87	2.89	2.44	2.19	1.72		
23	1.63	1.87	3.05	5.08	4.67	6.48	5.17	3.85	2.87	2.43	2.16	1.70		
24	1.58	1.82	3.02	4.88	5.32	6.55	5.13	3.82	2.85	2.41	2.15	1.59		
25	1.56	1.77	3.15	4.86	5.43	6.51	5.09	3.80	2.83	2.40	2.11	1.66		
26	1.55	1.76	3.28	4.97	5.57	6.45	5.04	3.78	2.80	2.40	2.07	1.65		
27	1.54	1.73	3.43	4.65	5.60	6.36	5.00	3.74	2.79	2.38	2.06	1.62		
28	1.52	1.73	3.36	4.49	6.21	6.29	4.96	3.69	2.76	2.35	2.05	1.51		
29	1.51	1.72	3.30	4.38	6.30	6.30	4.92	3.65	2.75	2.34	2.04	1.58		
30	1.50	1.58	3.24	4.65	6.30	6.30	4.87	3.61	2.73	2.33	2.03	1.57		
31	1.51		3.18	4.68		6.25		3.55		2.32	2.02			
MEAN	1.68	1.77	2.64	3.91	4.97	6.30	5.57	4.11	3.04	2.51	2.21	1.80	3.37	
MAX.	1.93	2.05	3.43	5.16	6.21	6.69	6.21	4.82	3.50	2.69	2.31	2.01	6.69	
MIN.	1.50	1.46	1.45	3.00	4.54	6.01	4.87	3.55	2.73	2.32	2.02	1.57	1.45	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1975/77	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	27.2	17.5	19.9	66.5	152.5	247.2	248.4	151.9	82.3	50.4	37.8	29.2		
2	26.4	17.2	16.4	63.8	153.4	253.6	247.0	148.4	80.4	49.8	37.6	28.6		
3	25.1	16.9	16.2	61.6	152.1	259.9	242.3	145.0	78.4	49.5	37.4	28.3		
4	24.1	16.5	19.2	63.0	182.8	250.8	239.2	141.4	76.3	49.1	37.2	28.1		
5	23.2	16.7	20.8	64.7	186.5	246.7	236.0	137.8	73.9	49.7	37.1	27.9		
6	22.4	16.9	20.1	63.6	185.9	247.9	233.0	135.0	72.8	48.1	36.9	27.4		
7	22.9	16.8	24.0	66.9	172.8	243.7	230.0	132.1	70.9	47.7	36.8	27.2		
8	22.3	16.7	25.1	79.1	164.0	239.9	227.1	129.3	69.4	47.4	36.6	26.8		
9	22.9	18.2	27.3	78.0	152.5	233.0	224.1	126.6	68.1	47.4	36.8	26.4		
10	22.4	26.4	52.6	76.9	151.2	239.2	221.2	123.7	66.5	46.8	37.2	26.1		
11	21.9	26.3	56.5	75.9	144.3	243.0	218.8	120.6	65.4	46.4	36.9	25.6		
12	21.7	27.1	53.4	78.0	142.1	247.7	216.1	117.8	64.6	46.0	36.8	25.3		
13	21.2	27.9	52.1	78.7	144.4	246.5	213.7	114.9	63.7	45.3	36.6	24.9		
14	21.2	28.2	56.7	89.8	144.8	239.9	211.1	112.5	62.7	44.8	36.4	24.5		
15	21.2	28.4	60.6	89.1	146.4	234.4	208.9	109.9	61.5	44.5	36.3	24.2		
16	21.4	28.7	66.3	78.9	149.9	247.4	204.6	107.4	60.6	44.1	36.2	23.9		
17	21.2	29.5	66.8	78.0	148.4	259.2	200.5	105.3	60.1	43.8	36.0	23.6		
18	21.2	30.0	67.0	89.1	144.4	268.2	195.6	104.8	59.7	43.5	35.7	23.1		
19	20.9	30.4	61.6	113.4	139.1	280.1	191.5	103.4	59.1	43.0	35.7	22.7		
20	21.2	28.7	53.9	140.7	137.3	287.2	187.3	102.4	58.6	42.5	35.4	22.5		
21	21.1	28.1	51.3	171.0	135.9	271.9	184.0	101.1	58.0	42.2	35.0	22.2		
22	20.6	26.8	56.1	173.8	140.0	268.4	177.4	99.8	57.3	41.8	34.4	21.9		
23	20.0	25.8	63.6	168.5	143.0	269.9	174.2	98.7	56.5	41.4	33.5	21.6		
24	19.0	24.3	62.3	156.0	184.0	275.4	171.6	97.5	55.8	41.0	33.0	21.2		
25	18.4	23.3	67.4	154.7	191.7	272.1	169.1	96.5	55.0	40.7	32.0	20.8		
26	18.2	22.9	73.0	161.5	201.4	267.5	165.8	95.5	54.3	40.4	30.9	20.4		
27	18.0	22.2	79.5	141.7	203.3	260.6	163.3	93.6	53.6	39.9	30.6	19.9		
28	17.7	22.4	76.2	132.8	248.9	254.6	160.8	91.1	52.8	39.1	30.4	19.5		
29	17.4	21.9	73.8	126.8		255.3	158.3	89.3	52.3	38.7	30.1	19.0		
30	17.2	21.2	71.1	142.1		255.5	155.1	87.4	51.8	38.4	29.9	18.6		
31	17.4		68.7	143.9		251.2		84.6		38.1	29.5			
MEAN	21.2	23.5	51.0	105.4	162.3	255.4	202.5	113.1	63.4	44.2	34.9	24.1	91.3	
MAX.	27.2	30.4	79.5	173.8	248.9	287.2	248.4	151.9	82.3	50.4	37.8	29.2	287.2	
MIN.	17.2	16.5	16.2	61.6	135.9	233.0	155.1	84.6	51.8	38.1	29.5	18.6	16.2	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 142.1 Q(185day): 58.6 Q(275day): 28.2 Q(355day): 17.4

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

HM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1977/78	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
N															
1		1.55	1.43	2.18	4.14	5.44	6.48	8.56	5.95	4.85	4.01	3.05		2.68	
2		1.53	1.44	2.22	4.35	5.58	6.53	8.47	5.91	4.81	3.79	3.04		2.43	
3		1.52	1.44	2.20	4.38	5.72	6.55	8.36	5.89	4.77	3.59	3.02		2.43	
4		1.50	1.44	2.29	4.44	5.82	6.57	8.24	5.85	4.73	3.58	3.00		2.42	
5		1.48	1.44	2.26	4.49	5.96	6.61	8.13	5.82	4.69	3.57	2.98		2.42	
6		1.46	1.43	2.33	4.54	6.15	6.65	7.99	5.80	4.65	3.56	2.96		2.42	
7		1.44	1.43	2.40	4.58	6.39	6.69	7.87	5.77	4.61	3.52	2.94		2.41	
8		1.43	1.43	2.48	4.63	6.50	6.58	7.72	5.73	4.58	3.50	2.93		2.41	
9		1.41	1.44	2.56	4.68	6.48	6.80	7.57	5.71	4.54	3.48	2.91		2.41	
10		1.38	1.43	2.65	4.70	6.48	6.89	7.37	5.65	4.50	3.46	2.89		2.40	
11		1.37	1.44	2.72	4.69	6.47	6.93	7.22	5.61	4.45	3.46	2.87		2.40	
12		1.36	1.44	2.80	4.65	6.47	7.04	7.14	5.59	4.41	3.44	2.86		2.40	
13		1.34	1.44	2.91	4.63	6.47	7.17	7.13	5.55	4.37	3.39	2.84		2.39	
14		1.32	1.45	3.01	4.66	6.49	7.28	7.11	5.50	4.33	3.37	2.82		2.39	
15		1.30	1.46	3.12	4.75	6.46	7.28	7.05	5.49	4.29	3.35	2.81		2.38	
16		1.27	1.48	3.20	4.81	6.44	7.21	7.08	5.48	4.25	3.32	2.79		2.38	
17		1.26	1.50	3.27	4.93	6.42	7.18	6.96	5.33	4.22	3.30	2.78		2.38	
18		1.23	1.51	3.32	4.80	6.42	7.21	6.93	5.32	4.22	3.29	2.76		2.37	
19		1.22	1.52	3.36	4.85	6.39	7.24	6.88	5.32	4.20	3.28	2.76		2.37	
20		1.26	1.55	3.44	4.87	6.36	7.66	6.83	5.31	4.18	3.26	2.75		2.37	
21		1.31	1.57	3.51	4.90	6.34	8.00	6.74	5.30	4.17	3.26	2.74		2.36	
22		1.33	1.58	3.58	4.91	6.35	8.35	6.64	5.29	4.16	3.25	2.74		2.36	
23		1.36	1.60	3.66	4.93	6.40	8.72	6.53	5.28	4.14	3.23	2.73		2.34	
24		1.38	1.61	3.73	4.96	6.44	9.06	6.47	5.28	4.12	3.21	2.72		2.33	
25		1.40	1.62	3.81	4.97	6.51	9.14	6.44	5.27	4.10	3.19	2.72		2.32	
26		1.41	1.64	3.90	5.03	6.58	9.17	6.35	4.96	4.08	3.17	2.72		2.31	
27		1.41	2.12	3.97	5.09	6.53	9.06	6.30	4.95	4.07	3.15	2.71		2.31	
28		1.42	2.10	4.08	5.16	6.50	8.96	6.19	4.93	4.05	3.13	2.71		2.30	
29		1.42	2.11	4.14	5.24		8.85	6.11	4.92	4.04	3.11	2.70		2.30	
30		1.43	2.14	4.14	5.33		8.74	6.04	4.90	4.03	3.09	2.70		2.30	
31		1.43		4.23	5.33		8.66		4.89		3.07	2.69			
MEAN		1.39	1.57	3.14	4.79	6.31	7.59	7.15	5.44	4.35	3.37	2.83	2.38	4.18	
MAX.		1.55	2.14	4.23	5.33	6.58	9.17	8.56	5.95	4.85	4.01	3.05	2.68	9.17	
MIN.		1.22	1.43	2.18	4.14	5.44	6.48	6.04	4.89	4.03	3.07	2.69	2.30	1.22	

QM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1977/78	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
N															
1		18.2	15.8	33.9	113.4	192.5	269.9	464.9	228.7	154.0	107.0	63.7		49.9	
2		17.9	16.0	35.0	124.8	202.2	274.4	455.2	225.9	151.6	96.2	63.0		41.6	
3		17.6	16.1	34.7	126.8	212.2	275.4	443.8	224.1	149.2	86.6	62.3		41.5	
4		17.2	16.0	37.1	130.2	218.8	277.6	431.2	221.2	146.8	86.0	61.6		41.3	
5		16.9	15.9	35.4	132.8	229.1	280.1	420.3	218.8	144.6	85.6	60.9		41.2	
6		16.4	15.8	38.3	135.5	243.7	283.7	406.6	217.4	142.3	85.2	60.2		41.1	
7		15.9	15.8	40.7	138.2	262.3	287.5	394.3	215.5	140.0	83.5	59.5		41.0	
8		15.8	15.9	43.3	140.9	271.2	278.1	380.1	212.8	137.7	82.3	58.8		40.9	
9		15.5	16.0	45.9	143.7	269.9	296.5	365.3	210.8	135.4	81.8	58.1		40.8	
10		14.9	15.9	48.7	145.0	269.9	303.8	346.8	206.7	133.1	80.7	57.4		40.6	
11		14.7	15.9	51.4	144.4	269.4	307.4	333.3	204.4	130.5	80.6	56.7		40.5	
12		14.4	16.1	53.9	141.7	269.4	317.3	326.4	202.6	128.1	79.6	56.3		40.4	
13		14.2	16.1	58.2	140.9	269.4	328.6	325.3	199.9	125.9	77.6	55.6		40.3	
14		13.8	16.3	62.2	142.8	270.7	339.0	323.7	196.1	123.7	76.7	54.9		40.2	
15		13.5	16.4	66.2	148.3	267.9	339.0	318.1	195.4	121.6	76.0	54.4		40.1	
16		12.9	16.9	69.7	151.6	267.0	332.7	320.8	194.8	119.3	74.6	53.8		40.0	
17		12.6	17.2	72.7	159.3	265.3	330.0	310.3	185.1	118.1	73.7	53.3		40.0	
18		12.2	17.5	74.5	151.0	265.3	332.7	307.2	184.2	117.6	73.2	52.8		39.8	
19		12.0	17.7	76.6	153.8	263.1	334.6	303.5	183.8	116.8	72.8	52.5		39.7	
20		11.8	18.2	79.6	155.1	259.9	373.9	299.1	183.2	115.7	72.3	52.3		39.6	
21		13.6	18.6	83.0	156.8	258.7	407.2	291.3	182.6	115.2	71.9	52.1		39.4	
22		14.0	19.0	86.3	157.9	250.6	442.8	282.7	182.2	114.6	71.5	51.9		39.2	
23		14.5	19.3	90.0	159.3	263.8	481.6	273.6	181.6	113.6	70.8	51.5		38.8	
24		14.9	19.5	93.3	160.6	267.0	508.3	268.9	181.2	112.5	70.0	51.4		38.6	
25		15.2	19.9	97.1	161.3	272.6	528.9	266.7	180.8	111.5	69.1	51.3		38.2	
26		15.3	20.3	101.1	165.2	278.4	531.3	259.7	161.0	110.4	68.4	51.2		37.9	
27		15.5	32.3	105.1	169.1	273.9	519.2	255.5	160.0	109.9	67.5	51.0		37.7	
28		15.7	31.6	110.3	173.8	271.2	508.7	247.0	159.1	109.2	66.6	50.9		37.6	
29		15.7	32.0	113.4	178.8		495.5	240.6	158.1	108.7	65.9	50.6		37.5	
30		15.9	32.7	113.6	185.1		484.5	235.8	157.4	108.1	65.2	50.5		37.4	
31		15.8		118.5	185.1		475.0		156.4		64.5	50.3			
MEAN		15.0	19.1	70.0	150.7	256.6	372.4	329.9	192.6	125.5	76.9	55.2	40.1	141.2	
MAX.		18.2	32.7	118.5	185.1	278.4	531.3	464.9	228.7	154.0	107.0	63.7	49.9	531.3	
MIN.		12.0	15.8	33.9	113.4	192.5	269.9	235.8	156.4	108.1	64.5	50.3	37.4	12.0	

[Discharge Rating Curve]: Q=6.078*(H+0.184)^2

[Flow Regime (m3/s)]:

Q(95day): 212.2 Q(185day): 108.1 Q(275day): 40.9 Q(355day): 14.4

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

HM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1978/79	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1		2.27			5.38	5.11	6.32	6.88	5.60	4.34	3.37	2.87	2.43		
2		2.24			5.58	5.36	6.34	6.91	5.57	4.33	3.35	2.86	2.43		
3		2.23			5.60	5.53	6.32	6.98	5.54	4.29	3.29	2.86	2.43		
4		2.23			5.61	5.53	6.30	6.96	5.50	4.24	3.26	2.86	2.42		
5		2.21			5.59	5.51	6.31	6.94	5.48	4.17	3.24	2.85	2.42		
6		2.20			5.42	5.44	6.28	6.93	5.46	4.09	3.23	2.85	2.42		
7		2.20			5.23	5.32	6.31	6.87	5.43	4.01	3.22	2.83	2.41		
8		1.88			5.22	5.31	6.32	6.85	5.41	3.96	3.21	2.81	2.41		
9		1.88			4.94	5.32	6.35	6.80	5.38	3.92	3.20	2.80	2.41		
10		1.87			4.95	5.36	6.50	6.75	5.35	3.86	3.19	2.78	2.35		
11		1.86			4.67	5.54	6.46	6.71	5.30	3.84	3.18	2.76	2.30		
12		1.85			4.68	5.52	6.46	6.69	5.25	3.83	3.17	2.75	2.24		
13		1.84			4.69	5.50	6.43	6.68	5.19	3.82	3.16	2.73	2.19		
14		1.83			4.70	5.50	6.44	6.67	5.11	3.82	3.15	2.71	2.17		
15		1.83			4.66	5.51	6.49	6.65	5.04	3.80	3.14	2.70	2.17		
16		1.82			4.59	5.53	6.47	6.66	4.96	3.80	3.12	2.68	2.15		
17		1.82			4.58	5.54	6.50	6.64	4.90	3.79	3.11	2.66	2.14		
18		1.81			4.48	5.61	6.55	6.60	4.86	3.67	3.09	2.64	2.14		
19		1.81			4.51	5.64	6.58	6.58	4.85	3.67	3.08	2.62	2.13		
20		1.80			4.59	5.66	6.62	6.54	4.81	3.65	3.07	2.61	2.04		
21				5.35	4.63	5.67	6.53	6.53	4.75	3.64	3.06	2.59	2.04		
22				5.43	4.65	5.66	6.52	6.49	4.71	3.63	3.05	2.57	2.03		
23				5.46	4.66	5.65	6.53	6.47	4.68	3.60	3.04	2.55	2.03		
24				5.51	4.67	5.65	6.52	6.44	4.63	3.58	3.03	2.54	2.03		
25				5.55	4.68	5.67	6.58	6.43	4.56	3.54	3.02	2.52	2.02		
26				5.83	4.67	6.31	6.63	6.40	4.52	3.51	3.01	2.51	2.02		
27				6.13	4.68	6.34	6.66	6.34	4.47	3.47	3.00	2.49	2.01		
28				6.24	4.68	6.43	6.41	6.35	4.45	3.44	2.99	2.47	2.01		
29				6.31	4.77		6.61	6.33	4.41	3.42	2.98	2.45	2.01		
30					4.94		6.81	6.30	4.40	3.41	2.96	2.44	2.00		
31					4.97		6.84		4.37		2.95	2.44			
MEAN	1.97			5.75	4.89	5.60	6.48	6.65	5.00	3.81	3.13	2.67	2.20	4.35	
MAX.	2.27			6.31	5.61	6.43	6.84	6.98	5.60	4.34	3.37	2.87	2.43	6.98	
MIN.	1.80			5.35	4.48	5.11	6.28	6.30	4.37	3.41	2.95	2.44	2.00	1.80	

QM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1978/79	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1		36.6	39.9	45.5	188.1	170.0	257.0	303.2	203.3	124.4	76.9	56.7	41.6		
2		35.7	38.0	46.9	201.8	186.7	258.7	306.1	201.1	123.7	75.8	56.4	41.5		
3		35.5	34.7	47.9	203.1	198.6	257.5	311.9	199.0	121.6	73.3	56.3	41.4		
4		35.3	33.2	52.1	204.1	198.4	255.8	310.3	196.7	118.9	72.0	56.2	41.3		
5		34.8	33.7	56.8	202.4	197.1	256.3	308.2	194.8	115.2	71.3	56.1	41.2		
6		34.6	33.7	66.4	190.6	192.5	254.4	307.4	193.3	111.0	70.8	55.8	41.1		
7		34.5	34.3	69.1	178.2	184.0	256.3	302.7	191.5	107.1	70.4	55.3	41.0		
8		26.0	34.9	66.4	177.2	183.4	257.5	300.4	190.0	104.3	70.0	54.6	40.9		
9		25.8	36.5	84.4	159.4	184.0	259.4	296.7	188.1	102.4	69.6	54.0	40.8		
10		25.8	37.3	93.8	160.4	186.7	271.2	292.1	186.3	99.6	69.4	53.4	39.1		
11		25.3	38.0	97.5	143.0	198.8	268.7	289.3	182.6	98.4	68.7	52.8	37.4		
12		25.1	38.8	99.9	143.9	197.7	268.2	287.5	179.4	97.8	68.4	52.2	35.6		
13		24.8	42.0	108.0	144.4	196.7	265.7	286.2	175.8	97.4	67.9	51.6	34.4		
14		24.8	43.7	114.0	145.0	196.1	267.0	285.4	170.0	97.3	67.6	51.0	33.7		
15		24.7	43.0	112.4	142.5	196.9	270.4	283.7	165.6	96.7	67.1	50.5	33.6		
16		24.5	43.5	105.1	138.7	198.4	268.9	284.4	160.6	96.4	66.5	49.8	33.3		
17		24.3	46.7	102.3	137.8	199.4	271.4	282.7	157.0	95.9	65.8	49.3	32.9		
18		24.3	51.0	98.9	132.4	203.7	275.6	279.6	154.9	90.4	65.2	48.5	32.7		
19		24.1	52.7	97.3	134.2	206.5	278.4	277.9	154.0	90.1	64.7	47.8	32.6		
20		23.8	54.0	101.8	138.7	207.4	281.7	274.6	151.6	89.3	64.3	47.3	30.0		
21		28.4	53.0	110.3	140.9	208.2	273.9	274.1	148.3	88.8	64.0	46.7	30.0		
22		28.2	45.2	111.3	141.9	207.8	273.1	270.7	145.5	88.4	63.7	46.2	29.9		
23		29.2	48.9	112.4	142.5	206.7	274.4	268.9	143.7	87.0	63.4	45.6	29.8		
24		30.0	48.1	112.7	143.2	206.7	272.9	266.7	140.9	85.9	62.8	45.1	29.7		
25		31.5	47.7	113.8	143.7	208.5	277.9	265.7	137.0	84.5	62.4	44.5	29.6		
26		33.1	45.7	118.0	143.2	256.3	282.2	263.3	134.5	83.1	61.9	44.0	29.5		
27		39.4	44.0	144.9	143.5	258.7	284.9	258.4	131.6	81.4	61.6	43.5	29.4		
28		40.6	43.1	158.3	143.7	268.2	264.3	259.4	130.5	80.0	61.2	42.9	29.3		
29		37.2	43.3	167.2	149.4		280.6	257.7	128.5	79.1	60.8	42.3	29.2		
30		35.3	44.2	173.8	159.8		297.2	255.8	127.5	78.4	60.1	41.8	29.1		
31		34.5		175.6	161.3		299.8		125.9		59.7	41.7			
MEAN	30.2	42.4	102.1	157.4	203.7	270.4	283.7	164.2	97.2	66.7	49.7	34.7	124.7		
MAX.	40.6	54.0	175.6	204.1	266.2	299.8	311.9	203.3	124.4	76.9	56.7	41.6	311.9		
MIN.	23.8	33.2	45.5	132.4	170.0	254.4	255.8	125.9	78.4	59.7	41.7	29.1	23.8		

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 190.6 Q(185day): 97.3 Q(275day): 45.5 Q(355day): 25.8

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

HM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1979/80		[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	1.99			4.79	4.66	5.23	5.42	5.06	3.81			2.52	2.10			
2	1.98			4.78	4.65	5.28	5.43	5.04	3.78			2.52	2.09			
3	1.98			4.77	4.69	5.35	5.44	5.02	3.74			2.51	2.08			
4	1.98			4.76	4.77	5.48	5.44	4.99	3.71			2.51	2.07			
5	1.98			4.75	4.92	5.53	5.41	4.97	3.66	2.92		2.50	2.06			
6	1.97			4.74	5.00	5.52	5.38	4.94	3.63	2.91		2.49	2.05			
7	1.97			4.72	4.91	5.68	5.39	4.92	3.60	2.89		2.48	2.04			
8	1.96			4.72	4.87	5.66	5.68	4.88	3.58	2.87		2.47	2.03			
9	1.96			4.73	4.84	5.63	5.68	4.86	3.55	2.86		2.45	2.02			
10	1.95			4.74	4.82	5.60	5.68	4.83	3.51	2.85		2.45	2.01			
11	1.95			4.73	4.81	5.57	5.69	4.79	3.49	2.84		2.44	1.99			
12	1.94			4.72	4.79	5.57	5.72	4.77	3.44	2.83		2.43	1.98			
13	1.94			4.71	4.78	5.56	5.69	4.74	3.42	2.82		2.42	1.96			
14	1.93			4.70	4.77	5.54	5.70	4.71	3.40	2.80		2.40	1.94			
15	1.94			4.70	4.76	5.52	5.71	4.68	3.33	2.78		2.37	1.92			
16	1.94			4.72	4.76	5.54	5.72	4.64	3.30	2.75		2.35	1.90			
17	1.93			4.73	4.78	5.53	5.74	4.59	3.26	2.71		2.34	1.88			
18				4.75	4.78	5.51	5.72	4.55	3.25	2.69		2.33	1.87			
19				4.76	4.77	5.48	5.75	4.51	3.21	2.68		2.31	1.85			
20				4.77	4.79	5.45	5.71	4.45	3.19	2.66		2.30	1.83			
21				4.78	4.81	5.44	5.69	4.44	3.17	2.65		2.28	1.81			
22				4.77	4.86	5.47	5.66	4.39	3.16	2.64		2.26	1.80			
23				4.76	4.89	5.52	5.64	4.33	3.15	2.63		2.25	1.79			
24				4.75	4.93	5.52	5.57	4.29	3.13	2.62		2.23	1.78			
25				4.74	4.96	5.54	5.54	4.22	3.10	2.60		2.21	1.77			
26				4.72	5.00	5.53	5.50	4.18	3.09	2.60		2.19				
27				4.71	5.04	5.51	5.42	4.16	3.07	2.58		2.17				
28				4.71	5.10	5.49	5.35	4.14	3.05	2.57		2.16				
29				4.70	5.21	5.47	5.28	4.10	3.04	2.56		2.14				
30				4.69		5.45	5.18	4.07	3.03	2.55		2.13				
31				4.68		5.44		4.02		2.53		2.11				
MEAN	1.96			4.74	4.85	5.50	5.56	4.59	3.36	2.72		2.35	1.94	3.89		
MAX.	1.99			4.79	5.21	5.68	5.75	5.06	3.81	2.92		2.52	2.10	5.75		
MIN.	1.93			4.68	4.65	5.23	5.18	4.02	3.03	2.53		2.11	1.77	1.77		

QM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1979/80		[DISCHARGE (m3/s)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	28.7	32.2	59.9	150.1	142.5	178.2	191.0	167.1	97.0	69.8	44.6	31.7				
2	28.6	31.9	62.7	149.7	142.3	181.6	191.2	166.2	95.3	69.2	44.4	31.5				
3	28.5	31.7	66.3	149.2	144.6	186.3	192.5	164.8	93.4	68.5	44.2	31.1				
4	28.4	31.6	75.1	148.6	149.2	194.8	192.1	162.7	92.0	65.4	44.0	30.8				
5	28.3	31.6	76.2	147.9	158.1	198.6	190.0	161.3	89.7	58.6	43.7	30.5				
6	28.3	31.8	79.0	147.2	163.5	198.0	188.4	159.6	88.4	58.2	43.5	30.3				
7	28.2	31.7	84.3	146.4	157.5	208.7	188.6	158.1	86.9	57.4	43.3	30.0				
8	27.9	31.8	86.1	145.9	155.1	207.6	208.7	156.0	86.2	56.5	42.9	29.7				
9	27.9	32.1	86.7	146.6	153.4	205.2	208.7	154.4	84.6	56.3	42.3	29.5				
10	27.7	32.7	87.4	147.2	152.3	203.1	209.1	152.7	82.9	56.1	42.3	29.1				
11	27.6	33.5	90.3	146.6	151.4	201.1	209.8	150.6	82.0	55.6	41.9	28.8				
12	27.5	33.9	89.8	146.1	150.6	201.4	211.7	149.4	80.0	55.3	41.6	28.4				
13	27.4	35.0	90.1	145.5	149.9	200.3	210.0	147.2	79.1	54.7	41.1	27.9				
14	27.2	36.9	90.9	145.0	149.0	199.0	210.4	145.5	78.1	54.0	40.5	27.4				
15	27.3	38.1	92.8	145.0	148.8	197.7	210.8	143.5	75.2	53.4	39.8	26.8				
16	27.3	38.8	103.9	146.1	148.6	199.2	211.5	141.6	73.7	52.4	39.1	26.3				
17	27.1	39.5	109.1	147.0	149.9	198.4	213.3	138.7	72.1	50.8	38.7	25.8				
18	32.3	41.0	110.9	147.7	149.5	197.3	211.7	136.1	71.8	50.4	38.3	25.5				
19	32.5	41.9	112.1	148.8	149.0	195.2	213.9	133.8	70.1	49.9	37.9	25.1				
20	32.5	48.7	110.9	149.2	150.1	192.9	211.1	130.5	69.1	49.2	37.5	24.6				
21	32.6	50.2	109.3	149.5	151.6	192.5	209.5	129.8	68.4	48.8	37.0	24.3				
22	32.6	51.8	109.4	149.2	154.4	194.4	207.8	126.9	68.1	48.5	36.4	24.0				
23	32.8	53.3	110.4	148.6	156.2	197.7	206.1	123.7	67.5	48.0	35.9	23.7				
24	32.8	53.6	114.0	147.9	158.9	198.0	201.4	121.4	66.6	47.6	35.5	23.4				
25	33.0	54.7	119.7	147.2	160.6	199.0	199.4	117.8	65.5	47.2	34.8	23.2				
26	32.9	55.8	122.5	146.4	163.1	198.2	196.1	116.0	65.1	47.0	34.4	23.5				
27	32.8	56.2	124.8	145.7	165.8	197.3	190.6	114.7	64.2	46.5	33.8	23.3				
28	32.7	55.8	126.6	145.5	169.9	195.6	186.3	113.4	63.5	46.2	33.3	23.0				
29	32.6	56.1	128.1	145.2	176.6	194.2	181.4	111.4	63.3	45.8	32.9	23.8				
30	32.5	57.7	129.7	144.3		193.1	174.6	110.1	62.8	45.3	32.5	23.7				
31	32.3		133.4	144.1		192.3		107.6		44.9	32.0					
MEAN	30.0	41.7	99.8	147.1	154.2	196.7	200.9	139.1	76.8	53.5	39.0	28.7	100.5			
MAX.	33.0	57.7	133.4	150.1	176.6	208.7	213.9	167.1	97.0	69.8	44.6	34.5	213.9			
MIN.	27.1	31.6	59.9	144.1	142.3	178.2	174.6	107.6	62.8	44.9	32.0	23.2	23.2			

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 149.5 Q(185day): 84.6 Q(275day): 38.8 Q(355day): 27.1

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

HM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1980/81	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1			1.78	1.88	3.28	3.91	4.95	5.47	4.67	3.14	2.51	2.12	1.74		
2			1.70	1.89	3.24	3.91	4.94	5.46	4.64	3.12	2.49	2.12	1.74		
3			1.64	1.90	3.15	3.90	4.93	5.46	4.55	3.08	2.47	2.10	1.73		
4			1.61	1.91	3.10	3.87	4.92	5.36	4.45	3.05	2.46	2.09	1.73		
5			1.60	1.91	3.04	3.83	5.18	5.33	4.31	3.04	2.44	2.08	1.72		
6			1.60	1.77	2.97	3.79	5.07	5.29	4.21	3.01	2.42	2.07	1.71		
7			1.59	1.72	3.16	4.05	5.29	5.27	4.16	2.97	2.40	2.07	1.69		
8	1.58		1.58	1.68	3.18	4.03	5.89	5.24	4.06	2.94	2.38	2.05	1.68		
9	1.55		1.58	1.66	3.13	4.00	5.93	5.21	3.95	2.91	2.36	2.03	1.68		
10	1.52		1.57	1.69	3.10	3.90	5.94	5.18	3.87	2.87	2.35	2.02	1.67		
11	1.50		1.55	1.82	3.06	3.88	5.95	5.16	3.81	2.86	2.34	2.02	1.66		
12	1.48		1.53	2.05	3.02	3.87	5.76	5.13	3.78	2.83	2.34	2.02	1.65		
13	1.47		1.48	2.43	2.98	4.34	5.75	5.10	3.69	2.83	2.30	1.98	1.64		
14	1.45		1.43	2.44	2.97	4.33	5.71	5.06	3.65	2.81	2.29	1.97	1.63		
15	1.44		1.41	2.37	3.22	4.37	5.65	5.03	3.60	2.80	2.27	1.95	1.62		
16	1.42		1.39	2.44	3.13	4.38	5.61	5.00	3.54	2.73	2.27	1.94	1.61		
17	1.40		1.39	2.37	3.06	4.54	5.46	4.97	3.51	2.72	2.26	1.93	1.60		
18	1.39		1.38	2.41	3.51	4.99	5.38	4.97	3.47	2.70	2.25	1.92	1.58		
19	1.37		1.41	2.18	4.37	5.04	5.38	4.89	3.41	2.69	2.25	1.91	1.56		
20	1.38		1.40	2.18	4.65	5.04	5.37	4.86	3.39	2.68	2.24	1.90	1.54		
21	1.39		1.40	2.59	4.56	5.10	5.41	4.75	3.36	2.66	2.23	1.88	1.52		
22	1.62		1.39	2.76	3.85	5.11	5.40	4.76	3.36	2.65	2.23	1.87	1.51		
23	1.64		1.38	2.62	3.88	5.12	5.39	4.73	3.33	2.63	2.23	1.85	1.48		
24	1.68		1.38	2.65	4.26	5.18	5.40	4.70	3.33	2.60	2.20	1.83	1.45		
25	1.72		1.38	2.81	4.18	5.28	5.40	4.67	3.24	2.59	2.15	1.82	1.43		
26	1.90		1.36	2.97	4.37	4.94	5.40	4.58	3.23	2.58	2.14	1.82	1.42		
27	1.91		1.35	3.05	4.45	4.95	5.40	4.52	3.22	2.55	2.13	1.78	1.40		
28	1.86		1.34	3.31		4.94	5.57	4.51	3.22	2.53	1.86	1.79	1.39		
29	1.85		1.38	3.35			5.56	4.50	3.21	2.52	1.85	1.76	1.39		
30	1.83		1.43	3.27			5.55	4.49	3.18	2.48	1.84	1.76	1.37		
31	1.81			3.23			5.49		3.17		1.83	1.73			
MEAN	1.59	1.48	2.36	3.51	4.45	5.45	4.99	3.71	2.79	2.25	1.94	1.58	3.02		
MAX.	1.91	1.78	3.35	4.65	5.28	5.95	5.47	4.67	3.14	2.51	2.12	1.74	5.95		
MIN.	1.37	1.34	1.66	2.97	3.79	4.92	4.49	3.17	2.48	1.83	1.73	1.37	1.34		

QM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1980/81	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	28.0	23.5	25.8	72.9	102.1	160.4	194.2	143.4	67.0	44.3	32.4	22.5			
2	27.8	21.7	26.1	71.1	101.7	159.4	193.8	141.2	66.2	43.5	32.2	22.4			
3	29.5	20.2	26.3	67.5	101.1	158.7	193.3	136.1	64.7	43.0	31.8	22.4			
4	33.5	19.5	26.8	65.7	99.9	158.5	187.1	130.4	63.5	42.5	31.4	22.2			
5	31.8	19.3	26.6	63.4	98.0	175.0	184.7	122.6	63.0	42.0	31.0	21.9			
6	30.5	19.3	23.2	60.5	95.9	167.7	182.2	117.1	61.9	41.3	31.0	21.9			
7	32.4	19.2	22.0	67.9	109.0	182.4	180.6	114.6	60.3	40.4	30.8	21.4			
8	19.0	18.9	21.2	68.7	107.7	224.6	179.0	109.5	59.4	39.9	30.5	21.0			
9	18.4	19.0	20.6	66.8	106.2	227.3	177.0	103.7	58.1	39.3	29.7	21.0			
10	17.6	18.7	21.2	65.7	101.1	227.8	175.0	100.1	56.7	39.1	29.6	21.0			
11	17.2	18.4	24.5	64.1	100.5	228.9	173.8	97.0	56.3	38.8	29.5	20.6			
12	16.9	17.9	30.3	62.5	100.1	214.8	171.4	95.5	55.4	38.7	29.5	20.5			
13	16.5	16.8	41.5	60.8	124.4	213.7	169.5	91.3	55.2	37.6	28.5	20.3			
14	16.2	15.9	41.7	60.3	124.1	211.3	167.3	89.4	54.6	37.2	28.1	20.1			
15	15.9	15.4	39.8	70.5	126.1	206.7	165.4	86.9	54.2	36.6	27.8	19.7			
16	15.6	15.1	41.8	66.8	126.4	203.9	163.5	84.4	51.5	36.5	27.5	19.5			
17	15.3	15.1	39.7	64.1	135.5	193.5	161.3	82.9	51.1	36.2	27.2	19.3			
18	15.0	14.8	40.9	83.0	162.9	188.1	161.5	81.4	50.7	36.0	26.9	18.9			
19	14.8	15.5	34.0	126.3	166.0	188.1	156.6	78.7	50.1	35.9	26.5	18.5			
20	14.9	15.3	34.0	142.1	165.6	187.7	154.5	77.7	49.8	35.7	26.3	18.0			
21	15.1	15.2	46.8	137.0	169.7	190.2	148.3	76.3	49.3	35.5	26.0	17.7			
22	19.7	15.0	52.8	98.9	170.6	189.8	148.4	76.2	48.7	35.5	25.8	17.5			
23	20.2	14.9	47.8	100.2	171.0	189.2	146.8	75.2	48.1	35.3	25.1	16.9			
24	21.1	14.9	49.0	120.1	175.2	189.4	145.2	74.9	47.0	34.7	24.7	16.2			
25	22.0	14.8	54.5	115.5	181.4	189.6	143.0	71.4	46.9	33.0	24.5	15.8			
26	26.4	14.5	60.4	126.1	159.6	189.4	138.2	70.9	46.5	32.7	24.4	15.6			
27	26.8	14.3	63.5	130.5	160.4	189.4	134.7	70.6	45.4	32.6	23.5	15.2			
28	25.5	14.1	74.2	134.7	159.4	201.4	134.2	70.4	44.8	25.3	23.6	15.1			
29	25.1	14.9	75.8	123.5		200.5	133.1	69.9	44.6	25.1	23.1	15.0			
30	24.6	15.8	72.4	124.5		200.1	132.8	68.7	43.2	24.8	22.9	14.6			
31	24.3		70.9	120.1		195.6		68.5		24.7	22.3				
MEAN	21.9	16.9	41.2	90.4	132.2	193.7	163.2	92.8	53.8	36.2	27.6	19.1	73.7		
MAX.	33.5	23.5	75.8	142.1	181.4	228.9	194.2	143.4	67.0	44.3	32.4	22.5	228.9		
MIN.	14.8	14.1	20.6	60.3	95.9	158.5	132.8	68.5	43.2	24.7	22.3	14.6	14.1		

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 114.6 Q(185day): 47.0 Q(275day): 24.5 Q(355day): 14.9

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1981/82											[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.38	1.15	1.69	1.73	4.84	4.87	3.65	3.38	2.47	1.83	1.52	1.34		
2	1.36	1.15	1.67	1.76	4.77	4.87	3.59	3.47	2.47	1.83	1.50	1.33		
3	1.35	1.13	1.72	1.82	4.72	4.75	3.71	3.53	2.43	1.81	1.49	1.33		
4	1.34	1.12	1.69	1.58	4.70	4.65	3.91	3.50	2.40	1.90	1.49	1.31		
5	1.34	1.11	1.66	1.86	4.43	4.66	3.87	3.48	2.38	1.78	1.50	1.31		
6	1.33	1.11	1.62	1.78	4.23	4.68	3.84	3.45	2.35	1.76	1.49	1.28		
7	1.34	1.09	1.62	1.81	4.05	4.82	3.82	3.38	2.32	1.76	1.49	1.27		
8	1.33	1.08	1.64	1.98	4.30	4.80	3.78	3.33	2.30	1.74	1.47	1.25		
9	1.30	1.07	1.70	1.92	4.78	4.74	3.74	3.30	2.25	1.73	1.50	1.25		
10	1.27	1.07	1.85	2.01	4.87	4.72	3.66	3.28	2.20	1.73	1.50	1.25		
11	1.28	1.07	1.79	2.49	4.98	4.68	3.57	3.24	2.19	1.74	1.50	1.23		
12	1.28	1.07	1.92	2.71	5.11	4.60	3.49	3.21	2.18	1.72	1.48	1.23		
13	1.27	1.08	2.24	2.51	5.13	4.57	3.41	3.16	2.16	1.69	1.46	1.22		
14	1.26	1.07	2.25	2.44	5.23	4.55	3.36	3.12	2.14	1.68	1.44	1.22		
15	1.25	1.07	1.97	2.49	5.56	4.50	3.43	3.09	2.12	1.65	1.43	1.21		
16	1.25	1.09	1.85	2.48	5.65	4.45	3.40	3.08	2.11	1.65	1.45	1.19		
17	1.24	1.12	1.83	2.80	5.64	4.36	3.33	3.06	2.08	1.66	1.43	1.18		
18	1.24	1.17	1.71	3.00	5.49	4.29	3.27	3.03	2.05	1.64	1.42	1.17		
19	1.23	1.26	1.70	2.81	5.32	4.22	3.34	3.00	2.04	1.64	1.42	1.19		
20	1.22	1.34	1.62	2.22	5.16	4.16	3.39	2.95	2.01	1.62	1.43	1.14		
21	1.22	1.31	1.53	2.85	5.10	4.09	3.46	2.91	2.01	1.58	1.43	1.14		
22	1.21	1.26	1.29	2.92	5.02	4.00	3.45	2.88	2.00	1.61	1.40	1.13		
23	1.19	1.29	1.46	2.85	5.12	3.93	3.55	2.72	1.98	1.62	1.41	1.12		
24	1.19	1.27	1.43	3.04	5.25	3.88	3.67	2.70	1.96	1.59	1.40	1.10		
25	1.19	1.32	1.41	3.16	5.04	3.85	3.67	2.68	1.94	0.68	1.43	1.10		
26	1.18	1.43	1.45	3.10	4.97	3.85	3.61	2.65	1.91	1.60	1.39	1.11		
27	1.19	1.38	1.54	3.10	4.86	3.89	3.58	2.62	1.89	1.61	1.37	1.11		
28	1.18	1.47	1.61	3.27	4.83	3.99	3.54	2.59	1.87	1.58	1.37	1.10		
29	1.16	1.54	1.70	3.56		3.90	3.52	2.56	1.86	1.58	1.34	1.09		
30	1.16	1.66	1.78	3.86		3.78	3.45	2.53	1.86	1.57	1.35	1.08		
31	1.14		1.73	3.71		3.71		2.48		1.55	1.34			
MEAN	1.25	1.21	1.70	2.57	4.97	4.35	3.57	3.04	2.13	1.65	1.44	1.20	2.41	
MAX.	1.38	1.66	2.25	3.86	5.65	4.87	3.91	3.53	2.47	1.83	1.52	1.34	5.65	
MIN.	1.14	1.07	1.29	1.58	4.05	3.71	3.27	2.48	1.86	0.68	1.34	1.08	0.68	

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1981/82											[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	14.8	10.8	21.2	22.3	153.6	155.5	89.3	77.3	42.7	24.6	17.7	14.0		
2	14.5	10.8	20.8	23.1	149.2	155.3	86.6	81.0	42.7	24.5	17.2	13.9		
3	14.3	10.6	22.1	24.5	146.1	148.3	92.1	83.8	41.5	24.3	17.1	13.9		
4	14.1	10.4	21.3	18.8	144.8	142.1	101.9	82.6	40.6	24.0	17.1	13.6		
5	14.0	10.2	20.7	25.4	129.7	142.5	99.9	81.8	40.0	23.4	17.3	13.5		
6	14.0	10.2	19.8	23.4	118.3	143.7	98.6	80.1	39.0	23.1	17.0	13.0		
7	14.1	9.9	19.7	24.3	109.0	151.9	97.5	77.1	38.1	23.0	17.0	12.8		
8	13.9	9.6	20.1	28.3	122.4	151.0	95.5	75.0	37.4	22.6	16.6	12.5		
9	13.3	9.5	21.6	26.9	149.5	147.5	93.7	73.2	36.0	22.4	17.2	12.5		
10	12.9	9.5	25.2	29.1	155.3	146.3	89.7	72.9	34.7	22.4	17.2	12.5		
11	13.1	9.6	23.7	43.4	162.3	143.9	85.8	71.4	34.4	22.4	17.2	12.2		
12	13.0	9.6	26.9	50.9	170.0	139.2	81.9	69.9	34.0	22.1	16.9	12.1		
13	12.9	9.6	35.6	44.1	171.8	137.5	78.4	67.9	33.5	21.2	16.5	12.0		
14	12.8	9.6	36.0	41.8	178.0	136.4	76.2	66.2	32.7	21.0	15.9	11.9		
15	12.5	9.5	28.3	43.1	200.3	133.1	79.5	65.3	32.4	20.5	15.9	11.8		
16	12.5	9.8	25.1	43.2	206.7	130.7	78.0	64.7	31.9	20.5	16.2	11.4		
17	12.4	10.3	24.5	54.2	206.5	125.8	75.0	63.8	31.0	20.6	15.8	11.4		
18	12.3	11.1	21.7	61.5	195.4	121.9	72.4	62.9	30.4	20.3	15.6	11.2		
19	12.2	12.8	21.6	54.5	184.2	118.1	75.5	61.6	30.0	20.1	15.6	11.4		
20	12.0	14.1	19.7	35.1	173.8	114.7	77.7	59.6	29.4	19.7	15.8	10.6		
21	12.0	13.6	17.9	56.3	169.7	111.0	80.8	58.1	29.2	19.0	15.9	10.7		
22	11.9	12.7	13.2	58.6	164.4	106.5	80.3	57.0	29.0	19.5	15.3	10.6		
23	11.5	13.1	16.5	55.9	171.2	103.1	84.6	51.4	28.5	19.8	15.3	10.3		
24	11.5	12.9	15.9	63.1	179.4	100.4	90.1	50.7	27.9	19.2	15.2	10.0		
25	11.4	13.8	15.5	68.0	166.2	98.7	90.4	49.9	27.5	4.6	15.3	10.0		
26	11.4	15.8	16.3	65.5	161.3	98.7	87.6	49.0	26.8	19.4	15.1	10.2		
27	11.5	14.9	18.1	65.5	154.9	100.7	86.2	47.6	26.1	19.5	14.7	10.1		
28	11.3	16.5	19.6	72.5	152.9	106.0	84.5	46.8	25.8	19.0	14.7	10.0		
29	11.0	18.1	21.6	85.2		101.3	83.5	45.9	25.5	19.0	14.1	9.9		
30	10.9	20.6	23.4	99.3		95.6	80.4	44.9	25.3	18.8	14.4	9.7		
31	10.6		22.4	92.1		92.0		43.3		18.3	14.1			
MEAN	12.6	12.0	21.8	48.4	162.4	125.8	85.8	64.0	32.3	20.6	16.0	11.7	50.4	
MAX.	14.9	20.6	36.0	99.3	206.7	155.5	101.9	83.8	42.7	24.6	17.7	14.0	206.7	
MIN.	10.6	9.5	13.2	18.8	109.0	92.0	72.4	43.3	25.3	4.6	14.1	9.7	4.6	

[Discharge Rating Curve]: Q=6.078*(H+0.184)^2

[Flow Regime (m3/s)]:

Q(95day): 77.1 Q(185day): 24.5 Q(275day): 14.7 Q(355day): 9.8

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1982/83	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.08	1.19	2.89	3.57	5.19	5.35	3.89	3.40	2.38	1.90	1.62	1.35		
2	1.07	1.18	3.17	3.32	5.15	5.31	3.83	3.14	2.37	1.89	1.61	1.34		
3	1.06	1.16	3.23	3.30	5.25	5.29	3.83	3.29	2.34	1.89	1.61	1.34		
4	1.06	1.16	3.17	3.20	5.29	5.33	3.81	3.23	2.32	1.88	1.60	1.33		
5	1.06	1.15	3.12	3.15	5.28	5.33	3.81	3.18	2.30	1.86	1.60	1.32		
6	1.05	1.12	3.38	3.24	5.42	5.56	3.83	3.14	2.28	1.85	1.59	1.31		
7	1.04	1.10	3.26	3.51	5.59	5.65	4.24	3.12	2.27	1.84	1.58	1.30		
8	1.04	1.09	3.10	3.40	5.43	5.62	5.00	3.10	2.25	1.83	1.58	1.29		
9	1.05	1.06	3.12	3.47	5.62	5.67	5.07	3.08	2.23	1.82	1.57	1.28		
10	1.05	1.07	3.13	3.79	5.86	5.49	4.85	3.07	2.22	1.80	1.56	1.28		
11	1.04	1.09	3.02	3.71	5.75	5.38	4.68	3.04	2.19	1.80	1.54	1.27		
12	1.04	1.07	2.93	3.57	5.74	5.43	4.51	2.98	2.19	1.79	1.53	1.27		
13	1.03	1.11	2.91	3.46	5.75	5.42	4.36	2.96	2.16	1.78	1.52	1.25		
14	1.05	1.20	2.98	3.61	5.88	5.37	4.26	2.94	2.16	1.79	1.51	1.25		
15	1.05	1.34	3.40	3.60	6.18	5.25	4.14	2.93	2.15	1.77	1.51	1.23		
16	1.04	1.46	3.60	3.52	6.39	5.11	4.06	2.90	2.13	1.75	1.50	1.22		
17	1.02	1.73	3.27	3.49	6.64	5.04	3.94	2.88	2.12	1.74	1.49	1.22		
18	1.01	1.72	3.13	3.54	6.58	4.97	3.86	2.85	2.08	1.72	1.49	1.21		
19	1.02	1.55	3.27	3.56	6.21	4.86	3.80	2.80	2.07	1.72	1.47	1.19		
20	1.03	1.55	4.06	3.66	6.17	4.91	3.75	2.71	2.06	1.71	1.46	1.18		
21	1.41	1.51	4.08	3.59	6.03	4.93	3.67	2.68	2.04	1.79	1.45	1.16		
22	1.65	1.52	3.80	3.76	5.85	4.87	3.58	2.65	2.01	1.59	1.44	1.15		
23	1.56	1.54	3.49	3.96	5.73	4.74	3.56	2.62	2.00	1.58	1.44	1.15		
24	1.61	1.74	3.42	4.10	5.63	4.58	3.52	2.59	1.98	1.57	1.43	1.13		
25	1.50	1.73	3.31	4.42	5.57	4.52	3.47	2.56	1.96	1.55	1.42	1.13		
26	1.41	1.76	3.32	4.62	5.50	4.49	3.45	2.53	1.94	1.55	1.41	1.13		
27	1.35	2.13	3.39	5.07	5.45	4.33	3.48	2.51	1.94	1.65	1.40	1.14		
28	1.30	2.13	3.45	5.22	5.38	4.24	3.43	2.49	1.92	1.64	1.40	1.11		
29	1.37	2.57	3.44	5.33		4.13		2.47	1.91	1.54	1.40	1.10		
30		2.59	3.40	5.47		4.06		2.44	1.91	1.52	1.39	1.09		
31	1.21		3.24	5.32		4.04		2.41		1.62	1.37			
MEAN	1.18	1.48	3.31	3.89	5.73	5.01	3.99	2.86	2.13	1.76	1.50	1.22	2.81	
MAX.	1.65	2.59	4.08	5.47	6.64	5.67	5.07	3.40	2.38	1.90	1.52	1.35	6.64	
MIN.	1.01	1.06	2.89	3.15	5.15	4.04	3.43	2.41	1.91	1.62	1.37	1.09	1.01	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1982/83	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	9.7	11.5	57.5	85.5	175.8	186.3	100.8	78.1	40.1	26.4	19.7	14.3		
2	9.6	11.3	58.2	74.6	172.6	183.6	97.7	67.1	39.6	26.1	19.5	14.0		
3	9.5	11.0	70.9	73.7	179.2	182.2	98.0	73.2	38.8	26.1	19.5	14.0		
4	9.5	11.0	68.2	69.7	182.0	184.9	97.1	70.8	38.1	25.9	19.3	13.9		
5	9.4	10.9	66.5	67.8	181.4	184.7	97.1	68.9	37.6	25.4	19.3	13.7		
6	9.2	10.4	77.2	71.4	190.8	200.7	97.7	67.0	36.9	25.2	19.2	13.5		
7	9.1	10.1	72.3	82.7	202.4	207.2	118.8	66.2	36.6	25.0	19.0	13.5		
8	9.1	9.6	65.5	78.0	191.2	204.6	163.3	65.7	35.9	24.8	19.0	13.2		
9	9.3	9.4	65.5	81.0	205.0	208.5	168.1	64.9	35.3	24.5	18.7	13.0		
10	9.2	9.5	66.8	95.9	221.7	195.6	154.2	64.5	35.1	23.9	18.4	13.0		
11	9.1	9.9	62.4	92.0	214.4	188.4	143.9	63.3	34.4	23.9	18.0	12.9		
12	9.1	9.6	58.9	85.5	213.3	191.7	134.0	60.9	34.3	23.7	17.9	12.9		
13	9.0	10.1	58.2	80.6	213.9	190.6	125.6	59.9	33.5	23.5	17.7	12.5		
14	9.3	11.6	60.8	87.3	223.7	187.5	120.3	59.4	33.3	23.4	17.5	12.4		
15	9.3	14.0	78.3	87.2	246.5	179.2	113.6	58.9	33.3	23.2	17.4	12.2		
16	9.1	16.5	87.2	83.4	262.6	170.2	109.3	57.6	32.6	22.7	17.3	12.0		
17	8.9	22.2	72.7	82.0	283.4	166.2	103.3	57.2	32.1	22.4	17.1	12.0		
18	8.6	22.1	66.6	84.1	277.9	161.7	99.2	56.1	31.2	22.1	17.0	11.8		
19	8.8	18.2	72.4	85.2	248.6	154.9	96.4	53.9	31.0	21.9	16.7	11.6		
20	9.0	18.2	109.6	90.0	245.3	157.9	94.0	50.9	30.5	21.7	16.4	11.4		
21	15.5	17.5	110.4	86.7	234.6	158.9	90.4	49.8	30.0	23.7	16.2	11.0		
22	20.4	17.6	96.4	94.5	221.5	155.5	86.3	48.9	29.3	21.4	16.1	10.9		
23	18.6	18.0	82.2	104.2	212.8	147.3	85.3	47.7	29.1	21.2	16.0	10.8		
24	19.5	22.4	79.1	111.5	205.6	138.0	83.4	46.8	28.5	20.8	15.9	10.5		
25	17.2	22.4	74.2	128.6	201.4	134.7	81.1	45.7	27.9	20.4	15.6	10.5		
26	15.3	23.0	74.5	140.3	196.7	132.6	80.3	44.8	27.5	20.4	15.3	10.6		
27	14.3	32.6	77.7	167.7	192.9	124.1	81.5	44.1	27.3	20.4	15.3	10.7		
28	13.4	32.6	80.4	177.4	188.4	118.9	79.5	43.6	26.8	20.3	15.3	10.2		
29	14.8	46.0	79.7	184.9		113.0		42.7	26.7	20.1	15.2	10.0		
30	12.2	46.8	78.1	194.6		109.3		41.7	26.5	19.7	15.1	9.9		
31	11.8		71.4	184.5		108.7		41.0		19.7	14.7			
MEAN	11.5	17.9	74.5	103.6	213.8	165.4	107.1	56.8	32.7	22.9	17.3	12.1	68.5	
MAX.	20.4	46.8	110.4	194.6	283.4	208.5	168.1	78.1	40.1	26.4	19.7	14.3	283.4	
MIN.	8.6	9.4	57.5	67.8	172.6	108.7	79.5	41.0	26.5	19.7	14.7	9.9	8.6	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 90.4 Q(185day): 38.0 Q(275day): 17.2 Q(355day): 9.1

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1983/84	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.07	1.01	1.52	4.30	3.65	5.48	4.76	2.73	1.89	1.54	1.36	1.15		
2	1.07	1.00	1.47	4.31	3.73	5.34	4.83	2.70	1.88	1.55	1.39	1.15		
3	1.07	1.01	1.54	4.43	3.64	5.28	4.75	2.68	1.86	1.55	1.37	1.14		
4	1.06	1.00	1.51	4.57	3.56	5.28	4.66	2.64	1.85	1.54	1.36	1.13		
5	1.04	0.99	1.42	4.44	3.53	5.30	4.61	2.61	1.84	1.52	1.34	1.12		
6	1.06	0.98	1.53	4.51	3.61	5.30	4.50	2.58	1.82	1.52	1.34	1.12		
7	1.05	0.91	1.55	4.61	3.64	5.19	4.39	2.51	1.79	1.51	1.33	1.11		
8	1.04	0.92	1.53	4.65	3.65	5.25	4.31	2.48	1.77	1.51	1.33	1.10		
9	1.03	0.95	1.40	4.35	3.92	5.28	4.50	2.46	1.75	1.52	1.31	1.09		
10	1.02	0.95	1.39	4.10	4.08	5.17	4.09	2.43	1.73	1.52	1.30	1.09		
11	1.01	0.94	1.38	3.96	4.19	5.11	3.97	2.38	1.71	1.50	1.29	1.06		
12	1.01	0.92	1.43	3.82	4.21	5.10	3.90	2.36	1.69	1.51	1.28	1.05		
13	0.99	0.90	1.51	3.91	4.23	5.07	3.83	2.33	1.69	1.49	1.29	1.05		
14	1.01	0.92	1.65	4.08	4.33	4.97	3.74	2.30	1.68	1.49	1.30	1.04		
15	1.04	0.98	1.86	4.61	4.58	4.85	3.67	2.27	1.68	1.49	1.30	1.04		
16	1.09	1.01	1.82	4.44	4.73	4.80	3.58	2.24	1.70	1.49	1.27	1.04		
17	1.16	1.01	1.84	4.48	4.61	4.77	3.49	2.21	1.67	1.48	1.26	1.04		
18	1.15	1.01	1.80	4.44	4.57	4.71	3.42	2.16	1.66	1.46	1.25	1.03		
19	1.13	0.98	1.94	4.26	4.48	4.69	3.33	2.13	1.66	1.46	1.24	1.01		
20	1.13	1.03	1.98	4.03	4.42	4.64	3.26	2.11	1.65	1.44	1.23	1.01		
21	1.13	1.06	2.03	3.92	4.47	4.59	3.19	2.11	1.54	1.43	1.24	1.01		
22	1.13	1.05	2.48	3.89	4.72	4.57	3.14	2.10	1.64	1.43	1.23	1.00		
23	1.12	1.06	3.03	3.92	4.89	4.54	3.10	2.07	1.02	1.43	1.51	1.00		
24	1.11	1.05	2.79	3.73	4.90	4.49	3.04	2.04	1.62	1.42	1.50	0.99		
25	1.11	1.08	2.65	3.61	4.94	4.45	2.99	2.02	1.56	1.41	1.49	0.99		
26	1.08	1.31	3.06	3.57	5.15	4.43	2.94	2.01	1.55	1.40	1.20	0.99		
27	1.05	1.26	3.12	3.54	5.27	4.42	2.90	1.98	1.52	1.40	1.20	0.97		
28	1.03	1.34	3.34	3.53	5.36	4.38	2.85	1.95	1.51	1.41	1.19	0.94		
29	1.02	1.31	3.89	3.29	5.47	4.43	2.81	1.94	1.52	1.41	1.17	0.97		
30	1.02	1.45	3.96	3.48		4.45	2.76	1.93	1.53	1.40	1.16	0.98		
31	1.01		4.54	3.55		4.52		1.91		1.37	1.16			
MEAN	1.07	1.05	2.16	4.08	4.36	4.87	3.71	2.27	1.67	1.47	1.30	1.05	2.42	
MAX.	1.16	1.45	4.54	4.65	5.47	5.48	4.83	2.73	1.89	1.55	1.51	1.15	5.48	
MIN.	0.99	0.90	1.38	3.29	3.53	4.38	2.76	1.91	1.02	1.37	1.16	0.94	0.90	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1983/84	[DISCHARGE (m3/s)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	9.5	8.6	17.6	122.4	89.4	194.8	148.6	51.5	26.1	18.0	14.5	10.9		
2	9.5	8.6	16.6	122.9	93.3	185.5	152.9	50.5	25.8	18.2	15.0	10.8		
3	9.5	8.6	18.0	132.1	88.8	181.4	147.9	49.7	25.5	18.2	14.7	10.6		
4	9.4	8.5	17.4	137.5	85.2	181.4	142.5	48.4	25.1	18.0	14.5	10.5		
5	9.1	8.3	15.6	130.0	83.7	183.0	139.6	47.4	24.8	17.7	14.2	10.4		
6	9.4	8.2	17.9	134.0	87.6	182.6	133.1	46.3	24.3	17.5	14.1	10.3		
7	9.3	7.3	18.3	139.6	88.8	175.6	127.3	44.3	23.7	17.5	14.0	10.2		
8	9.1	7.4	17.9	141.7	89.3	179.6	122.9	43.2	23.2	17.4	13.9	10.0		
9	9.0	7.8	15.2	124.8	102.4	181.6	133.1	42.4	22.7	17.7	13.5	9.9		
10	8.9	7.8	15.1	111.5	110.4	174.0	110.9	41.4	22.2	17.5	13.4	9.8		
11	8.7	7.7	14.8	104.3	116.2	170.6	105.0	40.1	21.7	17.3	13.1	9.4		
12	8.6	7.4	15.8	97.3	117.3	169.5	101.6	39.4	21.5	17.4	13.0	9.3		
13	8.4	7.1	17.5	101.9	118.5	167.5	97.7	38.5	21.3	17.1	13.2	9.3		
14	8.6	7.4	20.4	110.4	123.6	161.7	93.4	37.4	21.2	17.1	13.4	9.1		
15	9.1	8.3	25.5	140.0	137.7	153.8	90.4	36.7	21.2	17.1	13.3	9.1		
16	9.9	8.7	24.3	130.2	147.0	151.2	86.3	35.8	21.7	17.0	12.9	9.1		
17	11.0	8.6	24.8	132.1	139.6	149.2	81.9	34.8	20.9	16.9	12.8	9.1		
18	10.8	8.6	24.0	129.8	137.3	145.3	78.9	33.4	20.5	16.5	12.5	9.0		
19	10.5	8.3	27.4	119.9	132.4	144.3	75.0	32.6	20.6	16.4	12.3	8.6		
20	10.5	9.0	28.4	107.9	128.6	141.6	72.1	32.0	20.4	16.1	12.2	8.6		
21	10.5	9.4	29.9	102.5	131.9	138.4	69.4	32.0	20.2	15.9	12.3	8.6		
22	10.5	9.3	43.1	100.8	146.1	137.3	67.1	31.6	20.1	15.9	12.1	8.6		
23	10.4	9.4	62.9	102.4	155.7	135.4	65.4	30.8	8.8	15.8	12.5	8.5		
24	10.2	9.3	53.8	93.0	157.2	132.8	63.0	30.1	19.7	15.7	12.3	8.4		
25	10.1	9.7	48.9	87.4	159.6	130.7	61.4	29.6	18.5	15.4	12.0	8.4		
26	9.7	13.5	64.1	85.6	172.8	129.2	59.5	29.3	18.2	15.2	11.7	8.3		
27	9.2	12.7	66.2	84.4	180.6	129.0	57.9	28.3	17.7	15.2	11.6	8.0		
28	9.0	14.1	75.6	83.8	187.1	126.9	56.1	27.8	17.4	15.3	11.5	7.7		
29	8.9	13.5	101.0	73.4	194.4	129.3	54.4	27.5	17.6	15.3	11.2	8.0		
30	8.9	16.3	104.2	81.6		130.7	52.8	27.1	17.9	15.2	11.0	8.2		
31	8.7		135.9	84.6		134.7		26.5		14.6	10.9			
MEAN	9.5	9.3	38.0	111.3	127.7	155.8	94.9	37.0	21.0	16.7	13.4	9.2	53.5	
MAX.	11.0	16.3	135.9	141.7	194.4	194.8	152.9	51.5	26.1	18.2	17.5	10.9	194.8	
MIN.	8.4	7.1	14.8	73.4	83.7	126.8	52.8	26.5	8.8	14.6	10.9	7.7	7.1	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 90.4 Q(185day): 21.2 Q(275day): 11.6 Q(355day): 8.2

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

HM		ST.: 4-130 SMITH'S BRIDGE												YEAR : 1984/85	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	0.98	0.83	1.20	4.11	5.07	5.35	5.10	4.49	3.44	2.67	1.97	1.63			
2	0.96	0.82	1.24	4.07	5.02	5.26	5.04	4.44	3.40	2.55	1.96	1.63			
3	0.96	0.82	1.34	4.03	5.42	5.24	4.99	4.40	3.38	2.37	1.94	1.58			
4	0.96	0.82	1.71	3.92	5.92	5.26	4.96	4.34	3.34	2.36	1.93	1.58			
5	0.96	0.89	1.28	3.87	5.90	5.26	4.97	4.27	3.29	2.33	1.91	1.57			
6	0.97	0.85	1.34	4.16	5.70	5.28	5.09	4.22	3.26	2.33	1.90	1.56			
7	0.98	0.94	1.88	4.58	5.59	5.32	5.23	4.16	3.24	2.33	1.88	1.52			
8	0.98	1.04	1.96	5.15	5.66	5.66	5.29	4.09	3.22	2.33	1.87	1.50			
9	0.97	1.16	2.71	4.85	5.64	5.64	5.31	3.97	3.22	2.31	1.85	1.48			
10	0.94	1.18	2.84	4.74	5.58	5.43	5.25	3.97	3.19	2.27	1.83	1.47			
11	0.94	1.11	2.83	4.52	5.56	5.29	5.22	3.90	3.15	2.24	1.82	1.46			
12	0.94	1.20	2.81	4.37	5.53	5.25	5.18	3.85	3.11	2.22	1.81	1.45			
13	0.94	1.17	2.91	4.38	5.75	5.18	5.15	3.87	3.08	2.20	1.80	1.46			
14	0.93	1.95	3.30	4.34	5.99	5.12	5.11	3.94	3.04	2.18	1.80	1.46			
15	0.92	1.79	3.74	4.49	5.86	5.21	5.07	3.95	3.01	2.16	1.79	1.45			
16	0.91	1.68	4.12	4.09	5.59	5.12	5.03	3.95	3.01	2.15	1.78	1.45			
17	0.91	1.44	4.41	3.98	5.74	5.00	5.00	3.90	3.00	2.14	1.76	1.44			
18	0.91	1.34	4.74	3.90	5.61	4.94	4.97	3.87	2.97	2.12	1.75	1.43			
19	0.91	1.35	5.55	3.81	5.55	4.92	4.97	3.83	2.94	2.12	1.73	1.41			
20	0.91	1.33	5.90	3.88	5.63	4.97	4.96	3.95	2.91	2.10	1.72	1.38			
21	0.91	1.26	5.85	4.82	5.65	5.03	4.92	3.92	2.88	2.09	1.72	1.37			
22	0.89	1.23	5.42	4.48	5.61	5.32	4.87	3.88	2.84	2.09	1.70	1.35			
23	0.88	1.29	5.01	4.25	5.43	5.30	4.83	3.81	2.82	2.07	1.67	1.34			
24	0.87	1.30	4.57	4.10	5.34	5.27	4.78	3.76	2.85	2.06	1.65	1.31			
25	0.86	1.28	4.22	4.17	5.31	5.27	4.75	3.73	2.83	2.04	1.65	1.31			
26	0.85	1.24	4.04	4.43	5.31	5.25	4.72	3.58	2.81	1.99	1.66	1.31			
27	0.86	1.19	3.96	4.63	5.30	5.36	4.68	3.61	2.79	1.97	1.65	1.30			
28	0.85	1.17	3.86	4.66	5.39	5.31	4.64	3.58	2.75	1.99	1.64	1.28			
29	0.82	1.15	3.91	4.80		5.28	4.59	3.55	2.72	2.00	1.63	1.26			
30	0.82	1.16	3.98	4.92		5.23	4.55	3.52	2.69	2.00	1.63	1.25			
31	0.83		4.12	5.11		5.16		3.47		1.98	1.63				
MEAN	0.91	1.20	3.44	4.38	5.56	5.24	4.97	3.93	3.04	2.19	1.78	1.43	3.16		
MAX.	0.98	1.95	5.90	5.15	5.99	5.66	5.31	4.49	3.44	2.67	1.97	1.63	5.99		
MIN.	0.82	0.82	1.20	3.81	5.02	4.92	4.55	3.47	2.69	1.97	1.63	1.25	0.82		

QM		ST.: 4-130 SMITH'S BRIDGE												YEAR : 1984/85	[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	8.2	6.2	11.7	112.3	167.9	185.9	169.5	132.9	79.7	49.5	28.2	20.1			
2	8.0	6.2	12.4	109.9	164.4	180.4	165.8	129.8	78.1	45.4	27.9	20.0			
3	8.0	6.2	14.1	108.1	191.0	178.8	162.9	127.6	77.1	39.8	27.3	19.0			
4	7.9	6.1	21.8	102.2	226.6	180.4	161.0	124.2	75.5	39.2	27.1	19.0			
5	8.0	7.1	13.0	100.1	224.8	180.4	161.7	120.8	73.6	38.6	26.7	19.7			
6	8.1	6.5	14.2	114.7	210.2	181.4	168.9	119.0	72.1	38.5	26.4	18.4			
7	8.2	7.7	26.0	137.7	202.9	184.5	178.2	114.7	71.1	38.5	26.0	17.5			
8	8.2	9.1	27.9	172.6	207.8	207.8	182.0	111.2	70.5	39.3	25.6	17.2			
9	8.1	10.9	51.0	154.0	205.9	206.3	183.4	105.1	70.2	37.7	25.1	16.9			
10	7.7	11.4	55.7	147.5	202.2	191.7	179.2	105.1	69.0	36.6	24.5	16.7			
11	7.7	10.2	55.2	134.5	200.7	182.2	177.4	101.4	67.6	35.7	24.3	16.4			
12	7.7	11.7	54.4	125.9	198.2	179.2	175.0	99.0	66.0	35.1	24.3	16.3			
13	7.7	11.2	58.1	126.6	214.1	175.0	172.8	99.8	64.8	34.6	24.0	16.5			
14	7.5	27.6	73.7	124.6	231.6	170.8	170.4	103.4	63.3	33.9	24.0	16.4			
15	7.4	23.7	93.4	132.9	221.7	176.8	167.7	104.0	62.2	33.3	23.7	16.2			
16	7.3	21.1	112.6	111.2	202.9	170.8	165.4	103.7	61.8	33.1	23.4	16.2			
17	7.3	16.1	128.3	105.4	213.5	163.1	163.3	101.5	61.5	32.7	22.9	16.1			
18	7.3	14.2	147.5	101.4	204.4	159.8	161.7	99.8	60.4	32.4	22.8	15.9			
19	7.2	14.3	199.9	97.1	199.7	158.3	161.3	97.7	59.4	32.2	22.4	15.3			
20	7.3	14.0	225.0	100.2	205.2	161.7	161.0	104.0	58.1	31.6	22.1	14.9			
21	7.3	12.6	221.0	152.3	206.9	165.4	158.3	102.2	57.0	31.5	22.0	14.6			
22	7.0	12.1	190.8	132.4	203.9	183.8	155.3	100.5	55.7	31.4	21.6	14.4			
23	6.9	13.1	163.8	119.6	191.9	182.6	152.9	97.0	54.8	30.9	20.9	14.0			
24	6.8	13.5	137.5	111.7	185.5	181.0	149.9	94.7	55.9	30.5	20.4	13.6			
25	6.7	13.0	118.0	115.2	183.2	180.6	147.9	93.0	55.3	30.0	20.6	13.6			
26	6.5	12.4	108.2	129.7	183.4	179.4	146.4	90.8	54.5	28.7	20.6	13.6			
27	6.6	11.4	104.5	140.9	183.0	186.5	143.7	87.6	53.8	28.3	20.5	13.4			
28	6.5	11.1	99.2	142.5	189.0	183.2	141.2	86.2	52.4	28.7	20.1	13.0			
29	6.2	10.8	102.1	151.0		181.6	138.4	84.8	51.3	28.9	20.0	12.8			
30	6.2	11.0	105.4	158.5		178.0	136.4	83.5	50.3	28.9	20.0	12.5			
31	6.3		112.8	170.2		173.6		81.4		28.4	20.1				
MEAN	7.3	12.1	92.2	127.2	200.8	179.1	162.0	103.4	63.4	34.3	23.4	16.0	64.4		
MAX.	8.2	27.6	225.0	172.6	231.6	207.8	189.4	132.9	79.7	49.5	28.2	20.1	231.6		
MIN.	6.2	6.1	11.7	97.1	164.4	158.3	136.4	81.4	50.3	28.3	20.0	12.5	6.1		

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 147.9 Q(185day): 61.8 Q(275day): 19.0 Q(355day): 6.6

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

HM ST.: 4-130 SMITH'S BRIDGE													YEAR : 1985/86		[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	1.23	1.11	1.52	3.65	5.68	5.69	6.33		4.07	3.47	2.92	2.44				
2	1.23	1.12	1.73	3.67	5.98	5.76	6.31		4.02	3.45	2.90	2.41				
3	1.22	1.16	2.00	3.75	6.57	5.79	6.28		4.00	3.42	2.90	2.38				
4	1.22	1.22	1.98	3.74	6.30	5.87	6.22		3.99	3.41	2.91	2.37				
5	1.20	1.29	1.94	3.75	6.12	6.16	6.17		3.98	3.39	2.91	2.35				
6	1.19	1.27	1.94	3.80	6.07	6.19	6.11	5.25	3.94	3.38	2.88	2.33				
7	1.18	1.24	2.02	3.79	6.11	6.28	6.05	5.09	3.93	3.36	2.86	2.32				
8	1.16	1.24	2.10	3.61	6.30	6.70	6.00	5.04	3.91	3.35	2.83	2.32				
9	1.13	1.24	2.83	3.52	6.18	6.61	5.93	4.99	3.90	3.32	2.82	2.30				
10	1.14	1.25	2.41	3.86	6.36	6.28	5.87	4.93		3.30	2.81	2.26				
11	1.17	1.33	2.32	3.90	6.21	6.21	5.82	4.89		3.29	2.78	2.24				
12	1.17	1.41	2.11	3.94	6.05	6.20	5.76	4.82		3.26	2.76	2.23				
13	1.16	2.13	2.33	3.93	6.44	6.25	5.72	5.09		3.25	2.73	2.23				
14	1.16	2.22	2.30	3.94	6.51	6.36	5.67	4.74		3.23	2.72	2.22				
15	1.17	1.96	2.39	3.95	6.04	6.68	5.62	4.70		3.21	2.69	2.20				
16	1.16	1.84	2.76	3.91	5.93	6.70	5.73	4.66	3.89	3.20	2.68	2.18				
17	1.15	1.74	2.83	3.81	5.72	6.55	5.72	4.62	3.85	3.18	2.65	2.16				
18	1.13	1.60	3.34	3.78	5.71	6.28	5.79	4.60	3.83	3.15	2.63	2.16				
19	1.12	1.52	3.36	3.81	5.75	6.34	5.76	4.56	3.77	3.13	2.61	2.15				
20	1.12	1.45	3.86	3.86	5.79	6.27	5.74	4.50	3.73	3.10	2.60	2.13				
21	1.10	1.39	3.85	3.95	5.77	6.23	6.10	4.48	3.70	3.08	2.59	2.12				
22	1.12	1.37	3.84	3.99	5.79	7.01	6.21	4.47	3.67	3.06	2.58	2.12				
23	1.13	1.35	3.94	4.01	5.82	7.33	6.69	4.45	3.64	3.05	2.56	2.12				
24	1.12	1.33	3.88	4.04	5.79	7.39	6.54	4.43	3.61	3.04	2.55	2.11				
25	1.11	1.33	3.78	4.10	5.68	7.45	6.23	4.39	3.58	3.02	2.53	2.09				
26	1.10	1.35	3.64	4.16	5.73	7.20	6.08	4.35	3.56	3.01	2.52	2.09				
27	1.08	1.37	3.57	4.47	5.72	7.04	5.97	4.30	3.54	3.00	2.51	2.07				
28	1.08	1.40	3.51	4.46	5.70	6.96	5.83	4.27	3.53	2.99	2.50	2.06				
29	1.08	1.44	3.46	4.43		6.80	5.74	4.22	3.51	2.98	2.48	2.05				
30	1.08	1.48	3.65	4.73		6.74		4.16	3.49	2.95	2.46	2.03				
31	1.07		3.70	5.22		6.55		4.10		2.93	2.44					
MEAN	1.14	1.44	2.87	3.99	6.00	6.51	6.00	4.62	3.78	3.19	2.69	2.21	3.67			
MAX.	1.23	2.22	3.94	5.22	6.57	7.45	6.69	5.25	4.07	3.47	2.92	2.44	7.45			
MIN.	1.07	1.11	1.52	3.52	5.68	5.69	5.62	4.10	3.49	2.93	2.44	2.03	1.07			

QM ST.: 4-130 SMITH'S BRIDGE													YEAR : 1985/86		[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	12.2	10.2	17.6	89.6	209.1	209.5	258.2	208.3	109.8	81.2	58.7	41.7				
2	12.2	10.3	22.4	90.4	230.9	214.6	256.3	203.6	107.6	80.4	58.0	41.0				
3	12.0	11.0	29.1	94.2	277.6	216.6	254.1	203.2	106.5	79.1	57.6	39.9				
4	11.9	12.0	28.3	93.4	255.5	222.8	249.1	201.5	106.0	78.4	58.1	39.5				
5	11.6	13.2	27.3	94.2	241.8	244.4	245.6	200.7	105.3	77.6	58.1	38.9				
6	11.5	12.8	27.3	96.5	237.8	247.2	240.9	179.4	103.4	77.1	57.2	38.6				
7	11.3	12.3	29.5	96.1	240.9	254.4	236.5	169.3	102.8	76.3	56.3	38.2				
8	11.0	12.3	31.6	87.6	255.8	287.7	232.1	166.0	101.9	75.8	55.3	38.0				
9	10.5	12.3	55.2	83.4	245.8	280.9	227.3	162.5	101.1	74.7	54.9	37.4				
10	10.7	12.5	40.8	99.3	260.4	253.9	222.8	158.7	87.1	73.9	54.6	36.4				
11	11.2	13.9	38.0	101.3	248.6	248.2	219.2	156.4	86.9	73.2	53.3	35.8				
12	11.1	15.4	32.0	103.3	236.2	247.9	215.0	152.5	86.8	72.1	52.7	35.5				
13	11.0	32.6	38.4	103.0	267.0	251.5	211.5	168.9	86.7	71.6	51.8	35.3				
14	11.0	35.0	37.4	103.6	272.6	260.6	208.5	147.2	86.6	70.9	51.3	35.2				
15	11.2	27.9	40.3	103.7	235.8	286.2	204.8	145.0	85.8	69.9	50.4	34.6				
16	11.0	24.8	52.6	101.7	227.1	287.7	212.8	142.6	82.1	69.5	49.8	33.9				
17	10.8	22.4	55.2	97.1	211.9	275.6	211.9	140.5	99.0	68.7	49.0	33.5				
18	10.5	19.3	75.4	95.6	211.3	254.4	217.0	139.1	97.8	67.6	48.0	33.5				
19	10.4	17.6	76.6	97.1	214.1	258.9	215.0	136.6	94.9	66.9	47.5	33.1				
20	10.3	16.3	99.6	99.6	217.2	252.9	213.3	133.3	93.0	65.7	47.1	32.6				
21	10.0	15.1	98.7	103.7	215.7	250.3	239.7	132.2	91.7	64.7	46.8	32.3				
22	10.3	14.6	98.3	105.7	217.0	314.6	248.4	131.7	90.4	64.0	46.4	32.2				
23	10.5	14.3	103.6	106.7	219.4	342.9	287.5	130.5	88.8	63.5	45.7	32.2				
24	10.3	13.9	100.2	108.4	217.0	348.2	274.6	129.7	87.3	63.1	45.4	31.9				
25	10.1	13.9	95.6	111.5	208.9	354.4	249.8	127.3	86.0	62.4	44.9	31.5				
26	10.0	14.4	89.0	114.7	212.6	331.3	238.3	124.8	85.2	61.9	44.6	31.4				
27	9.7	14.8	85.8	131.9	211.9	317.5	230.5	122.4	84.1	61.6	44.0	31.0				
28	9.7	15.2	82.9	130.9	210.6	310.6	219.7	120.4	84.0	61.2	43.8	30.6				
29	9.7	15.9	80.7	129.7		296.5	213.0	117.8	83.0	60.9	43.2	30.2				
30	9.7	16.9	89.1	147.0		291.6		114.9	81.9	59.8	42.6	29.8				
31	9.6		91.6	177.2		276.6		111.7		58.8	41.9					
MEAN	10.7	16.4	60.3	106.4	232.5	273.9	232.9	150.9	93.1	69.4	50.3	34.8	109.8			
MAX.	12.2	35.0	103.6	177.2	277.6	354.4	287.5	208.3	109.8	81.2	58.7	41.7	354.4			
MIN.	9.6	10.2	17.6	83.4	208.9	209.5	204.8	111.7	81.9	58.8	41.9	29.8	9.6			

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^{2.2}$
 [Flow Regime (m3/s)]:
 Q(95day): 177.2 Q(185day): 84.1 Q(275day): 35.8 Q(355day): 10.3

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

HM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1986/87	[WATER LEVEL (m)]
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.99	2.54	2.70	3.21	5.53	5.81	5.43	4.06	2.67	2.14	1.85	1.61		
2	1.97	2.61	2.53	3.21	5.56	5.74	5.39	4.04	2.64	2.13	1.83	1.61		
3	1.96	2.75	2.41	3.16	5.61	5.64	5.36	4.02	2.61	2.13	1.86	1.59		
4	1.95	2.97	2.38	3.13	5.67	5.55	5.27	3.99	2.59	2.12	1.86	1.58		
5	1.94	3.10	2.42	3.50	5.61	5.44	5.22	3.96	2.58	2.10	1.86	1.58		
6	1.93	3.20	2.40	3.74	5.44	5.40	5.13	3.93	2.56	2.09	1.84	1.56		
7	1.92	3.03	2.49	3.77	5.40	5.36	5.04	3.90	2.52	2.07	1.83	1.55		
8	1.90	2.97	2.69	3.77	5.37	5.34	5.01	3.94	2.47	2.07	1.82	1.53		
9	1.89	2.87	3.32	3.74	5.51	5.32	4.95	3.90	2.45	2.07	1.80	1.52		
10	1.89	2.79	3.40	3.73	5.46	5.31	4.90	3.88	2.45	2.05	1.80	1.51		
11	1.91	3.12	3.36	3.71	5.36	5.31	4.88	3.85	2.42	2.04	1.80	1.48		
12	1.92	3.16	3.27	3.75	5.34	5.29	4.86	3.81	2.40	2.03	1.79	1.47		
13	1.97	3.07	3.23	3.80	5.46	5.41	4.83	3.74	2.39	2.01	1.79	1.45		
14	1.99	2.97	3.17	3.91	5.61	5.53	4.79	3.69	2.37	2.01	1.78	1.44		
15	2.06	2.85	3.02	3.88	5.78	5.60	4.77	3.65	2.34	2.00	1.78	1.43		
16	2.10	2.71		3.81	5.75	5.55	4.73	3.61	2.32	2.00	1.75	1.43		
17	2.05	2.64	2.62	3.86	5.55	5.49	4.69	3.58	2.31	2.00	1.73	1.42		
18	2.02	2.43	2.59	3.92	5.42	5.45	4.64	3.51	2.30	2.00	1.73	1.42		
19	2.01	2.30	2.72	3.96	5.67	5.38	4.61	3.47	2.29	2.00	1.73	1.41		
20	2.00	2.22	2.98	4.18	5.59	5.32	4.56	3.46	2.28	1.99	1.72	1.41		
21	1.98	2.11	3.18	4.22	5.49	5.28	4.51	3.44	2.27	1.98	1.72	1.40		
22	1.96	2.04	3.36	4.11	5.61	5.23	4.47	3.39	2.26	1.97	1.72	1.39		
23	1.99	2.00	3.21	4.54		5.19	4.44	3.36	2.25	1.94		1.38		
24	2.03	1.95	3.13	4.85		5.18	4.41	3.33	2.22	1.92		1.36		
25	1.91	1.94	3.05	4.47	5.82	5.43	4.38	3.29	2.22	1.91	1.68	1.35		
26	2.36	1.89	2.98	4.31	5.92	5.93	4.34	3.25	2.21	1.91	1.68	1.34		
27	2.61	2.01	2.93	4.50	5.88	5.64	4.24	3.23	2.19	1.91	1.67	1.34		
28	2.64	2.20	2.88	4.94	5.85	5.58	4.18	3.21	2.18	1.90	1.66	1.32		
29	2.51	2.37		5.07		5.54	4.15	3.19	2.16	1.89	1.65	1.32		
30	2.48	2.48	3.07	5.25		5.51	4.10	3.15	2.15	1.88	1.64	1.34		
31	2.45		3.13	5.44		5.48		2.72		1.87	1.62			
MEAN	2.07	2.58	2.92	4.05	5.59	5.46	4.74	3.60	2.37	2.00	1.76	1.45	3.20	
MAX.	2.64	3.20	3.40	5.44	5.92	5.93	5.43	4.06	2.67	2.14	1.86	1.61	5.93	
MIN.	1.89	1.89	2.38	3.13	5.34	5.18	4.10	2.72	2.15	1.87	1.62	1.32	1.32	

QM	ST.: 4-130 SMITH'S BRIDGE												YEAR : 1986/87	[DISCHARGE (m3/sec)]
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	28.8	45.2	50.5	70.0	198.4	218.1	191.9	109.5	49.6	32.9	25.1	19.6		
2	28.2	47.5	44.9	70.1	200.7	213.3	188.8	108.4	48.6	32.6	24.5	19.5		
3	28.0	52.4	41.0	68.1	203.9	206.5	186.5	107.3	47.5	32.5	25.4	19.1		
4	27.6	60.4	40.0	66.6	208.5	199.7	180.8	105.7	46.9	32.3	25.4	19.0		
5	27.4	65.4	41.2	82.3	204.1	192.1	177.2	104.5	46.4	31.7	25.3	18.8		
6	27.1	69.6	40.5	93.7	192.3	189.4	171.8	103.1	45.7	31.4	25.0	18.4		
7	26.9	62.9	43.5	95.2	189.8	187.1	166.0	101.6	44.5	31.0	24.6	18.2		
8	26.4	60.6	50.3	94.9	187.3	185.3	164.0	103.3	42.9	30.9	24.4	17.9		
9	26.1	56.5	74.7	93.6	197.3	183.8	160.4	101.4	42.3	30.8	24.0	17.7		
10	26.1	53.8	78.0	93.0	193.3	183.6	157.4	100.2	42.1	30.5	23.9	17.4		
11	26.8	66.3	76.6	92.0	186.9	183.4	155.9	98.9	41.2	30.1	23.9	16.8		
12	26.9	68.0	72.4	94.2	185.5	181.8	154.9	97.1	40.5	29.9	23.7	16.7		
13	28.1	64.5	71.0	96.7	193.5	190.2	152.9	93.6	40.2	29.3	23.7	16.3		
14	28.7	60.4	68.2	101.9	204.4	198.4	150.6	91.3	39.5	29.1	23.5	16.1		
15	30.5	55.8	62.5	100.2	216.1	203.5	149.0	89.4	38.7	29.0	23.4	15.9		
16	31.6	50.8	55.1	97.1	213.7	199.9	146.6	87.4	38.2	28.9	22.8	15.8		
17	30.2	48.6	47.7	99.6	199.9	195.4	144.4	86.2	37.9	28.9	22.4	15.7		
18	29.6	41.6	46.9	102.5	190.8	192.7	141.2	82.7	37.4	28.9	22.3	15.6		
19	29.3	37.6	51.4	104.2	208.5	188.1	139.6	81.0	37.1	28.9	22.2	15.5		
20	29.0	35.1	60.9	115.9	202.6	184.2	136.8	80.7	37.0	28.8	22.1	15.3		
21	28.6	32.0	68.6	118.0	195.8	181.4	134.2	79.7	36.7	28.6	22.1	15.2		
22	27.9	30.0	76.4	111.8	204.1	178.0	131.7	77.5	36.4	28.2	22.1	15.1		
23	28.8	28.9	70.0	135.9	211.6	175.4	130.2	76.3	35.9	27.3	22.1	14.9		
24	29.9	27.7	66.6	154.0	216.2	174.6	128.3	74.9	35.1	26.8	22.1	14.5		
25	26.7	27.5	63.5	131.4	219.2	191.9	126.8	73.6	35.1	26.8	21.0	14.3		
26	39.4	26.1	60.8	122.7	226.2	226.9	124.4	71.8	34.9	26.7	21.0	14.2		
27	47.4	29.1	58.9	133.3	223.2	206.5	118.9	70.9	34.3	26.6	20.9	14.0		
28	48.5	34.7	57.2	159.8	221.2	202.0	115.7	69.9	33.9	26.4	20.7	13.7		
29	44.0	39.8	61.0	167.7		198.8	113.9	69.0	33.5	26.1	20.4	13.7		
30	43.1	43.3	64.5	179.6		197.3	111.5	67.8	33.2	26.0	20.3	14.1		
31	42.2		66.8	192.5		195.0		51.1		25.5	19.9			
MEAN	31.3	47.4	59.1	110.9	203.4	193.7	148.4	87.6	39.8	29.1	22.9	16.3	81.7	
MAX.	48.5	69.6	78.0	192.5	226.2	226.9	191.9	109.5	49.6	32.9	25.4	19.6	226.9	
MIN.	26.1	26.1	40.0	66.6	185.5	174.6	111.5	51.1	33.2	25.5	19.9	13.7	13.7	

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 118.9 Q(185day): 51.1 Q(275day): 28.7 Q(355day): 15.3

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

HM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1987/88		[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	1.35		1.27	1.73	4.11	5.05	5.32	3.58	2.44	2.00	1.68	1.38				
2	1.59		1.11	1.68	4.18	5.13	5.20	3.54	2.42	1.99	1.67	1.37				
3	1.53		0.85	1.64	4.03	5.21	5.13	3.50	2.39	1.97	1.67	1.36				
4	1.51	1.05	1.17	1.58	3.94	5.28	5.02	3.44	2.36	1.96	1.66	1.36				
5	1.43	1.05	1.07	1.53	4.22	5.13	4.95	3.39	2.33	1.95	1.66	1.35				
6	1.38	1.05	1.34	1.44	4.39	5.05	4.91	3.34	2.31	1.94	1.65	1.34				
7	1.36	1.09	1.17	1.40	4.70	5.22	4.85	3.31	2.28	1.93	1.65	1.34				
8	1.32	1.13	1.18	1.41	4.59	5.17	4.78	3.25	2.27	1.91	1.64	1.33				
9	1.31	1.17	1.18	1.63	4.54	5.09	4.76	3.18	2.26	1.90	1.63	1.31				
10	1.29	1.15	1.10	2.18	4.49	5.04	4.72	3.14	2.26	1.89	1.62	1.28				
11	1.26	1.11	1.17	1.94	4.47	4.91	4.68	3.12	2.21	1.87	1.62	1.26				
12	1.26	1.08	1.45	2.08	4.62	4.82	4.64	3.07	2.22	1.86	1.62	1.23				
13	1.24	1.07	1.97	2.05	4.88	4.77	4.58	3.01	2.20	1.83	1.61	1.22				
14	1.23	1.07	1.78	2.09	5.00	4.74	4.54	2.97	2.18	1.81	1.60	1.20				
15	1.22	1.07	1.75	2.18	4.96	4.81	4.50	2.92	2.14	1.77	1.58	1.19				
16		1.06	1.71	2.58	4.86	4.96	4.47	2.90	2.12	1.74	1.57	1.19				
17		1.05	1.63	2.90	4.77	5.14	4.41	2.87	2.10	1.73	1.55	1.17				
18		1.04	1.66	3.50	4.80	5.35	4.36	2.85	2.10	1.73	1.54	1.17				
19		1.03	1.68	3.56	4.91	5.54	4.55	2.82	2.08	1.73	1.52	1.17				
20		1.03	1.65	3.77	5.13	5.86	4.24	2.76	2.07	1.74	1.51	1.16				
21		1.02	1.57	3.91	5.43	6.08	4.18	2.72	2.07	1.74	1.49	1.15				
22		1.01	1.62	4.15	5.50	6.37	4.12	2.69	2.07	1.73	1.48	1.13				
23		1.01	1.69	4.51	5.50	6.44	4.05	2.66	2.05	1.73	1.48	1.13				
24		1.00	1.62	4.56	5.41	6.41	3.98	2.66	2.02	1.72	1.46	1.12				
25		1.00	1.61	3.97	5.30	6.49	3.92	2.60	2.02	1.72	1.43	1.11				
26		1.02	1.58	3.51	5.15	6.38	3.86	2.56	2.04	1.71	1.42	1.10				
27		1.18	1.61	3.54	5.05	5.89	3.79	2.52	2.04	1.71	1.41	1.09				
28		1.28	1.67	3.51	4.99	5.70	3.73	2.51	2.03	1.70	1.41	1.07				
29		1.25	1.70	3.76	4.79	5.59	3.93	2.48	2.02	1.69	1.40	1.07				
30		1.31	1.69	4.08		5.46	3.65	2.46	2.01	1.68	1.40	1.07				
31			1.72	4.02		5.38		2.45			1.38					
MEAN	1.35	1.09	1.48	2.78	4.78	5.43	4.46	2.94	2.17	1.81	1.55	1.21	2.65			
MAX.	1.59	1.31	1.97	4.56	5.50	6.49	5.32	3.58	2.44	2.00	1.68	1.38	6.49			
MIN.	1.22	1.00	0.85	1.40	3.94	4.74	3.65	2.45	2.01	1.68	1.38	1.07	0.85			

QM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1987/88		[DISCHARGE (m3/s)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	14.3	26.9	12.8	22.2	112.3	166.3	183.8	86.0	41.9	29.0	21.1	14.8				
2	19.1	26.8	10.2	21.0	115.5	171.8	176.4	84.2	41.2	28.7	21.0	14.7				
3	17.8	26.8	6.5	20.1	108.1	177.0	171.6	82.6	40.2	28.2	20.9	14.5				
4	17.4	9.2	11.2	19.0	103.6	181.6	164.4	79.9	39.4	28.0	20.8	14.4				
5	15.9	9.2	9.6	17.8	117.6	171.8	160.4	77.5	38.4	27.6	20.6	14.3				
6	14.8	9.3	14.2	16.0	127.1	166.5	157.7	75.6	37.8	27.3	20.5	14.2				
7	14.4	9.9	11.2	15.2	145.0	177.6	153.8	74.3	37.0	27.1	20.4	14.1				
8	13.8	10.6	11.3	15.4	138.5	174.2	149.9	71.5	36.6	26.6	20.3	13.9				
9	13.6	11.1	11.3	19.9	135.7	168.9	148.4	68.6	36.4	26.3	19.9	13.5				
10	13.2	10.8	10.0	33.9	132.8	165.8	145.9	67.1	36.2	26.1	19.9	13.1				
11	12.8	10.2	11.2	27.3	131.7	157.7	143.5	66.4	34.8	25.8	19.7	12.7				
12	12.6	9.6	16.2	31.0	140.5	152.1	141.2	64.5	35.1	25.5	19.7	12.2				
13	12.4	9.6	28.1	30.4	156.0	149.4	137.8	62.2	34.6	24.7	19.5	12.0				
14	12.1	9.5	23.4	31.3	163.5	147.3	135.9	60.5	33.9	24.2	19.3	11.7				
15	12.0	9.5	22.8	33.9	161.0	151.6	133.3	58.7	32.9	23.2	19.0	11.5				
16	27.7	9.4	21.8	46.6	154.5	160.6	131.4	57.8	32.2	22.6	18.6	11.4				
17	27.7	9.2	19.9	57.9	149.4	172.0	128.3	56.5	31.8	22.3	18.4	11.2				
18	27.6	9.1	20.6	82.4	151.2	186.3	125.4	55.9	31.6	22.2	18.0	11.2				
19	27.5	9.0	21.0	85.1	157.7	199.0	136.4	54.9	31.3	22.3	17.7	11.1				
20	27.4	9.0	20.4	95.0	171.8	222.3	119.1	52.5	30.9	22.4	17.4	11.0				
21	27.3	8.8	18.7	101.9	191.5	238.8	116.0	51.2	30.9	22.4	17.0	10.9				
22	27.3	8.7	19.9	113.9	196.3	260.9	112.8	50.0	30.8	22.4	16.9	10.6				
23	27.1	8.6	21.3	133.8	196.1	266.5	109.2	49.3	30.4	22.2	16.7	10.5				
24	27.0	8.6	19.7	136.8	190.0	264.5	105.6	49.1	29.6	22.1	16.4	10.3				
25	27.0	8.5	19.5	104.8	182.6	270.9	102.4	47.0	29.6	21.9	15.9	10.1				
26	27.0	8.8	19.0	82.7	172.6	262.1	99.2	45.8	30.0	21.8	15.7	10.0				
27	27.0	11.3	19.5	84.5	166.3	224.6	95.8	44.6	30.0	21.7	15.5	9.8				
28	26.9	13.0	20.9	82.7	162.5	210.6	93.1	44.0	29.7	21.5	15.4	9.6				
29	26.9	12.5	21.7	94.3	150.1	202.4	103.0	43.1	29.5	21.3	15.3	9.5				
30	26.9	13.5	21.2	110.3		193.5	89.4	42.4	29.3	21.1	15.2	9.5				
31	26.9		21.9	107.6		187.9		42.1			14.9					
MEAN	21.0	11.6	17.3	60.5	151.1	193.6	132.4	60.2	33.8	24.3	18.3	11.9	61.1			
MAX.	27.7	26.9	28.1	136.8	196.3	270.9	183.8	86.0	41.9	29.0	21.1	14.8	270.9			
MIN.	12.0	8.5	6.5	15.2	103.6	147.3	89.4	42.1	29.3	21.1	14.9	9.5	6.5			

[Discharge Rating Curve]: Q=6.078*(H+0.184)²

[Flow Regime (m3/s)]:

Q(95day): 95.8 Q(185day): 27.3 Q(275day): 16.2 Q(355day): 9.2

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

HM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1988/89		[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	1.07		1.11	2.16	4.52	5.22	5.53	4.72	2.88						
2	1.06		1.14	2.31	4.57	5.14	5.76	4.62	2.86						
3	1.05		1.48	2.70	4.46	5.07	6.08	4.49	2.83						
4	1.04		1.44	2.87	4.49	5.03	5.97	4.43	2.80						
5	1.02		1.30	3.15	4.56	5.01	5.86	4.33	2.77						
6	1.02		1.34	3.22	4.63	5.04	5.67	4.26	2.73						
7	1.01		1.47	3.27	4.71	5.29	5.58	4.19	2.70						
8	1.01		1.62	3.31	4.84	5.25	5.43	4.11	2.68						
9	1.00		1.64	3.43	4.86	5.22	5.38	4.07	2.65						
10	1.00		1.64	3.93	4.86	5.17	5.29	3.95	2.62						
11	0.99		1.65	4.19	4.89	5.10	5.25	3.89	2.60						
12	0.99		1.64	4.22	4.92	5.04	5.22	3.81	2.55						
13	0.98		1.63	3.94	5.07	5.03	5.18	3.78	2.53						
14	0.98		1.60	3.45	5.46	5.02	5.15	3.75	2.51						
15	0.98		1.58	3.61	5.68	5.01	5.13	3.73	2.47						
16	0.98		1.55	3.56	6.28	4.87	5.10	3.65	2.45						
17	0.98		1.52	3.59	5.98	4.74	5.11	3.58	2.42						
18	0.98		1.50	3.46	5.91	4.71	5.13	3.58	2.40						
19	0.98		1.32	3.69	5.80	4.68	5.12	3.57	2.38						
20	0.97		1.67	3.67	5.82	4.60	5.12	3.54	2.38						
21	0.96		2.09	3.73	5.87	4.58	5.09	3.52	2.36						
22	0.95		2.19	3.80	5.72	4.57	5.06	3.38	2.35						
23	0.96		2.16	3.83	5.48	4.54	5.04	3.27	2.33						
24	0.98		2.44	3.73	5.43	4.57	5.02	3.20	2.33						
25	1.02		2.44	3.44	5.34	4.87	4.98	3.14	2.31						
26	1.03		2.42	3.89	5.30	4.95	4.88	3.07	2.29						
27	1.01		2.34	3.89	5.26	5.01	4.84	3.02	2.28						
28	1.01		2.36	3.85	5.24	4.93	4.79	2.99	2.27						
29	1.01		2.36	3.74		4.89	4.76	2.95	2.25						
30	1.00		2.27	3.69		5.05	4.74	2.91	2.22						
31	1.00		2.16	4.15		5.30		2.90							
MEAN	1.00		1.78	3.53	5.21	4.95	5.24	3.69	2.51				3.46		
MAX.	1.07		2.44	4.22	6.28	5.30	6.08	4.72	2.88				6.28		
MIN.	0.95		1.11	2.16	4.46	4.54	4.74	2.90	2.22				0.95		

QM		ST.: 4-130 SMITH'S BRIDGE											YEAR : 1988/89		[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	9.5	26.7	10.2	33.4	134.7	177.4	198.2	146.1	57.1	40.2	35.1	30.5			
2	9.4	26.8	10.7	37.7	137.5	172.4	215.0	140.1	56.3	40.1	34.9	30.3			
3	9.3	26.7	16.7	50.5	131.2	167.5	238.3	132.8	55.3	39.8	34.8	30.1			
4	9.1	26.7	16.1	56.7	132.8	165.2	230.3	129.7	53.9	39.6	34.6	30.0			
5	8.9	26.8	13.5	67.6	137.0	164.0	221.9	123.9	53.0	39.3	34.5	30.0			
6	8.8	26.8	14.2	70.6	140.7	166.2	208.2	120.3	51.8	39.1	34.4	30.0			
7	8.6	26.9	16.7	72.7	145.3	181.8	201.8	116.2	50.5	39.0	34.3	29.9			
8	8.6	26.9	19.7	74.3	153.2	179.4	191.7	112.0	49.7	38.8	34.1	29.7			
9	8.5	27.0	20.1	79.2	154.9	177.8	187.9	110.1	48.8	38.6	33.9	29.5			
10	8.5	27.4	20.3	103.1	154.5	174.2	182.2	103.9	47.8	38.5	33.8	29.3			
11	8.4	28.0	20.4	116.5	156.4	169.5	179.6	100.7	47.0	38.3	33.8	29.1			
12	8.3	28.6	20.3	117.8	158.3	165.8	177.6	97.0	45.6	38.3	33.6	29.0			
13	8.3	28.9	20.0	103.4	167.9	165.2	175.0	95.5	44.7	37.6	33.4	28.9			
14	8.2	29.3	19.4	80.3	193.5	164.6	173.0	93.9	44.2	37.5	33.4	28.8			
15	8.2	29.4	18.9	87.3	209.3	164.2	171.8	93.0	43.0	37.5	33.1	28.7			
16	8.2	29.1	18.2	85.3	254.1	155.1	169.9	89.6	42.2	37.5	32.9	28.6			
17	8.2	29.0	17.6	86.6	230.7	147.5	170.2	86.3	41.3	37.1	32.7	28.5			
18	8.3	31.2	17.3	80.8	225.5	145.5	171.6	86.0	40.6	36.9	32.4	28.5			
19	8.3	28.0	13.8	91.3	217.4	143.5	171.2	85.5	40.1	36.9	32.3	28.3			
20	8.1	27.9	20.8	90.4	218.3	139.1	171.0	84.5	39.9	36.7	32.1	28.2			
21	7.9	27.6	31.4	93.1	222.8	138.0	169.3	83.3	39.4	36.5	32.1	28.0			
22	7.8	27.5	34.3	96.5	211.7	137.1	167.1	77.2	38.9	36.5	32.0	27.9			
23	8.0	27.3	33.4	97.9	195.0	135.9	166.0	72.5	38.6	36.3	31.7	27.9			
24	8.3	27.0	41.7	93.1	191.5	137.1	164.4	69.5	38.3	36.2	31.5	27.7			
25	8.8	26.9	42.0	79.6	185.5	155.1	162.3	67.3	37.8	36.0	31.5	27.7			
26	9.0	26.8	41.2	100.7	183.0	160.2	156.0	64.2	37.3	35.9	31.4	27.6			
27	8.6	26.7	38.8	100.8	180.4	164.2	153.4	62.5	37.0	35.8	31.2	27.5			
28	8.6	26.6	39.4	99.0	179.0	158.7	150.1	61.2	36.6	35.4	31.1	27.4			
29	8.6	26.9	39.4	93.6		156.4	148.6	59.6	36.0	35.4	30.9	27.4			
30	8.5	27.1	36.5	91.3		166.5	147.3	58.2	35.2	35.3	30.8	27.3			
31	8.6		33.3	114.1		183.0		57.8		35.2	30.7				
MEAN	8.5	27.6	24.4	85.3	178.7	160.6	179.7	92.9	44.3	37.5	32.9	28.7	74.3		
MAX.	9.5	31.2	42.0	117.8	254.1	183.0	238.3	146.1	57.1	40.2	35.1	30.5	254.1		
MIN.	7.8	26.6	10.2	33.4	131.2	135.9	147.3	57.8	35.2	35.2	30.7	27.3	7.8		

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$

[Flow Regime (m3/s)]:

Q(95day): 120.3 Q(185day): 38.8 Q(275day): 28.7 Q(355day): 8.3

<<< MASTER PROGRAM For 0B-05(Normal Year):Daily River W/L & Discharge >>>

HM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1989/90	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	2.48	2.33	2.74	5.17	6.35	6.63	3.83	3.43	3.90	1.70	1.33	1.12			
2	2.48	2.33	2.75	5.18	6.36	6.64	3.77	3.57	3.89	1.69	1.32	1.14			
3	2.47	2.33	2.76	5.32	6.36	6.67	3.99	3.54	3.88	1.67	1.32	1.12			
4	2.47	2.34	2.77	5.33	6.39	6.67	3.99	3.44	3.86	1.65	1.31	1.10			
5	2.46	2.35	2.78	5.35	6.39	6.67	4.05	3.44	3.86	1.65	1.34	1.10			
6	2.46	2.36	2.79	5.36	6.50	6.67	3.92	3.55	3.85	1.62	1.32	1.09			
7	2.45	2.37	2.80	5.37	6.51	6.67	3.93	3.53	3.84	1.60	1.30	1.07			
8	2.45	2.38	2.82	5.38	6.54	6.66	4.01	3.42	3.83	1.58	1.30	1.11			
9	2.44	2.39	2.83	5.39	6.55	6.65	4.07	3.37	3.82	1.56	1.30	1.07			
10	2.44	2.40	2.84	5.40	6.56	6.64	4.03	3.32	3.81	1.55	1.59	1.05			
11	2.43	2.41	2.85	5.41	6.59	6.64	3.96	3.28	3.80	1.55	1.27	1.05			
12	2.43	2.42	2.86	5.42	6.60	6.63	3.88	3.19	3.79	1.54	1.26	1.04			
13	2.42	2.43	2.87	5.43	6.62	6.62	3.80	3.14	3.79	1.52	1.24	1.02			
14	2.42	2.44	2.88	5.44	6.63	6.61	3.78	3.06	2.15	1.51	1.24	1.03			
15	2.41	2.44	2.89	5.45	6.64	6.60	3.76	3.01	2.12	1.51	1.24	1.02			
16	2.41	2.45	2.91	5.46	6.65	6.59	3.72	2.97	2.09	1.49	1.24	1.02			
17	2.40	2.46	2.92	5.47	6.66	6.58	3.61	2.93	2.06	1.47	1.23	1.04			
18	2.40	2.47	2.93	5.49	6.68	6.57	3.57	2.89	2.04	1.46	1.22	1.03			
19	2.39	2.47	2.94	5.52	6.77	6.55	3.51	2.84	1.98	1.46	1.20	1.02			
20	2.39	2.48	2.95	5.53	6.78	6.54	3.48	2.81	1.94	1.46	1.20	1.01			
21	2.38	2.49	2.96	5.54	6.86	6.51	3.46	2.77	1.92	1.46	1.19	1.01			
22	2.38	2.51	2.97	5.56	6.87	6.50	3.44	2.74	1.91	1.46	1.19	1.02			
23	2.37	2.51	2.98	5.57	6.88	6.39	3.43	2.71	1.90	1.45	1.19	1.03			
24	2.37	2.51	2.99	5.62	6.89	6.39	3.41	2.68	1.89	1.44	1.18	1.01			
25	2.36	2.52	3.00	5.63	6.94	6.38	3.40	2.65	1.88	1.43	1.18	1.00			
26	2.36	2.53	3.01	5.65	6.87	6.36	3.38	2.62	1.84	1.43	1.15	0.98			
27	2.35	2.53	3.02	5.66	7.10	6.35	3.37	2.58	1.80	1.40	1.12	0.98			
28	2.35	2.54	3.03	5.67	7.12	6.33	3.48	2.56	1.78	1.37	1.13	0.98			
29	2.34	2.55	3.04	5.68		6.32	3.49	2.53	1.76	1.37	1.12	0.96			
30	2.34	2.55	3.05	5.69		6.30	3.38	2.50	1.73	1.37	1.12	0.96			
31	2.33		3.06	5.72		6.29		2.48		1.35	1.12				
MEAN	2.41	2.44	2.90	5.50	6.67	6.54	3.70	3.02	2.76	1.51	1.24	1.04	3.29		
MAX.	2.48	2.55	3.06	6.09	7.12	6.67	4.07	3.57	3.90	1.70	1.59	1.14	7.12		
MIN.	2.33	2.33	2.74	5.17	6.35	6.29	3.37	2.48	1.73	1.35	1.12	0.96	0.96		

QM	ST.: 4-130 SMITH'S BRIDGE													YEAR : 1989/90	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	43.2	38.3	51.9	174.0	259.2	282.2	98.1	79.3	101.1	21.6	13.9	10.4			
2	43.0	38.3	52.3	174.6	259.9	282.9	95.2	85.5	100.7	21.2	13.7	10.7			
3	42.9	38.5	52.6	184.0	260.6	285.4	106.0	84.2	100.2	20.9	13.7	10.4			
4	42.7	38.7	53.0	184.7	262.3	285.7	106.0	79.7	99.6	20.5	13.6	10.1			
5	42.6	39.1	53.4	186.1	263.1	285.7	109.2	79.5	99.2	20.4	14.0	10.0			
6	42.4	39.4	53.7	186.7	271.4	285.7	102.5	84.6	98.7	19.9	13.7	9.8			
7	42.2	39.7	54.0	187.3	272.1	285.4	103.1	84.0	98.3	19.3	13.5	9.6			
8	42.1	40.1	54.7	188.1	274.6	284.7	106.7	78.8	97.8	19.0	13.3	10.1			
9	41.9	40.4	55.2	188.8	275.4	283.9	109.8	76.7	97.3	18.6	13.4	9.6			
10	41.7	40.6	55.6	189.6	276.4	283.4	108.1	74.7	97.0	18.3	13.1	9.3			
11	41.6	40.9	55.9	190.2	278.9	282.9	104.2	72.9	96.7	18.4	12.9	9.2			
12	41.4	41.3	56.3	190.8	279.6	282.2	100.4	69.2	96.2	18.0	12.7	9.1			
13	41.3	41.6	56.6	191.7	281.1	281.1	96.5	67.0	95.8	17.6	12.3	8.9			
14	41.1	41.8	57.0	192.3	282.2	280.4	95.6	64.1	95.3	17.5	12.4	9.0			
15	40.9	42.0	57.4	192.9	282.9	279.6	94.6	61.9	94.9	17.4	12.3	8.8			
16	40.8	42.3	58.1	193.8	283.9	278.9	92.6	60.6	94.4	17.0	12.2	8.9			
17	40.6	42.6	58.6	194.4	284.7	277.9	87.7	58.9	93.6	16.6	12.2	9.1			
18	40.5	42.9	58.9	239.2	286.2	277.1	85.5	57.4	93.0	16.5	12.0	8.9			
19	40.3	43.0	59.3	198.0	294.1	275.4	83.0	55.6	92.4	16.4	11.7	8.8			
20	40.2	43.3	59.7	198.6	294.9	274.6	81.6	54.5	91.9	16.4	11.6	8.7			
21	40.0	43.6	60.1	199.2	301.4	272.1	80.7	53.0	91.3	16.3	11.5	8.7			
22	39.8	44.0	60.5	200.5	302.7	271.4	80.0	51.9	90.7	16.2	11.5	8.8			
23	39.7	44.1	60.9	201.4	303.5	263.1	79.3	50.8	90.1	16.3	11.4	9.0			
24	39.5	44.2	61.2	205.0	304.5	262.3	78.7	49.7	89.5	16.1	11.4	8.7			
25	39.4	44.5	61.7	205.6	308.8	261.6	78.0	48.7	88.9	15.9	11.3	8.5			
26	39.2	44.8	62.1	207.2	302.7	259.9	77.2	47.6	88.3	15.8	10.9	8.3			
27	39.1	44.9	62.5	207.8	322.1	259.2	76.7	46.6	87.7	15.2	10.4	8.2			
28	38.9	45.0	62.9	208.5	324.0	258.2	81.5	45.9	87.1	14.8	10.5	8.2			
29	38.7	45.3	63.3	209.3		257.5	82.0	44.7	86.5	14.7	10.4	8.0			
30	38.6	45.6	63.6	210.0		255.8	77.3	43.8	85.9	14.6	10.4	8.0			
31	38.4		64.1	212.2		255.1		43.1		14.3	10.3				
MEAN	40.8	42.0	58.0	196.5	285.5	274.6	91.9	63.1	58.0	17.5	12.4	9.1	94.7		
MAX.	43.2	45.6	64.1	239.2	324.0	285.7	109.8	85.5	101.1	21.6	19.1	10.7	324.0		
MIN.	38.4	38.3	51.9	174.0	259.2	255.1	76.7	43.1	22.2	14.3	10.3	8.0	8.0		

[Discharge Rating Curve]: Q=6.078*(H+0.184)^2

[Flow Regime (m3/s)]:

Q(95day): 106.0 Q(185day): 51.9 Q(275day): 21.2 Q(395day): 8.8

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

HM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1990/91											[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	0.97	0.85	1.04	1.92	5.14	4.52	4.95	3.66	2.48	1.86	1.62	1.28	
2	0.97	0.85	1.05	1.90	4.98	4.63	4.96	3.62	2.47	1.84	1.61	1.27	
3	0.96	0.82	1.14	2.19	4.79	4.78	4.77	3.59	2.43	1.83	1.59	1.26	
4	0.95	0.82	1.14	2.92	4.59	4.67	4.73	3.56	2.40	1.81	1.58	1.26	
5	0.92	0.81	1.11	2.82	4.42	4.64	4.70	3.52	2.37	1.80	1.58	1.26	
6	0.91	0.81	1.08	2.97	4.33	4.74	4.89	3.49	2.35	1.79	1.57	1.26	
7	0.91	0.80	1.05	2.95	4.53	4.78	4.86	3.47	2.32	1.78	1.55	1.27	
8	0.90	0.79	1.12	2.90	4.52	5.41	4.84	3.44	2.31	1.77	1.54	1.25	
9	0.88	0.78	1.10	2.78	4.46	5.51	4.87	3.46	2.29	1.77	1.50	1.21	
10	0.88	0.79	1.15	2.63	4.58	5.19	4.86	3.45	2.25	1.76	1.49	1.19	
11	0.87	0.76	1.16	2.51	4.52	5.00	4.90	3.39	2.22	1.74	1.48	1.16	
12		0.77	1.19	2.45	4.86	4.92	4.89	3.34	2.20	1.73	1.49	1.16	
13	0.88	0.77	1.31	2.80	5.25	5.00	4.81	3.30	2.18	1.73	1.47	1.17	
14	0.85	0.77	1.13	3.37	5.48	4.93	4.69	3.26	2.16	1.71	1.45	1.18	
15	0.85	0.75	1.26	3.86	5.65	4.80	4.58	3.20	2.13	1.71	1.44	1.16	
16	0.84	0.74	1.23	3.63	5.43	4.71	4.49	3.16	2.10	1.71	1.44	1.14	
17	0.85	0.79	1.23	3.71	5.29	4.59	4.40	3.10	2.10	1.70	1.44	1.12	
18	0.85	0.79	1.26	3.57	5.17	4.49	4.33	3.05	2.07	1.69	1.43	1.11	
19	0.85	0.78	1.26	3.40	5.03	4.82	4.27	3.00	2.07	1.68	1.41	1.12	
20	0.87	0.78	1.25	3.53	4.91	5.40	4.20	2.95	2.05	1.67	1.41	1.12	
21	0.89	0.81	1.35	3.58	4.81	5.33	4.14	2.91	2.04	1.65	1.40	1.11	
22	1.06	0.84	1.33	3.38	4.70	5.23	4.09	2.87	2.01	1.66	1.39	1.12	
23	1.14	0.82	1.25	3.26	4.61	5.32	4.04	2.83	1.98	1.66	1.37	1.09	
24	1.02	0.87	1.23	3.31	4.55	5.33	3.98	2.80	1.98	1.68	1.37	1.07	
25	0.93	0.90	1.34	3.54	4.50	5.16	3.94	2.77	1.97	1.66	1.34	1.06	
26	0.90	0.93	1.26	3.70	4.51	5.11	3.89	2.74	1.95	1.66	1.35	1.05	
27	0.83	1.09	1.30	4.27	4.50	5.38	3.85	2.69	1.93	1.65	1.36	1.04	
28	0.87	1.40	1.62	5.10	4.49	5.42	3.80	2.65	1.90	1.66	1.35	1.03	
29	0.87	1.23	1.85	5.91		5.25	3.75	2.61	1.89	1.66	1.34	1.03	
30	0.87	1.09	1.87	6.71		5.14	3.71	2.57	1.88	1.65	1.33	1.03	
31	0.87		1.84	5.50		5.05		2.53		1.64	1.29		
MEAN	0.91	0.86	1.27	3.45	4.81	5.01	4.44	3.13	2.15	1.72	1.45	1.15	2.51
MAX.	1.14	1.40	1.87	6.71	5.65	5.51	4.95	3.66	2.43	1.86	1.62	1.28	6.71
MIN.	0.84	0.74	1.04	1.90	4.33	4.49	3.71	2.53	1.88	1.64	1.29	1.03	0.74

QM ST.: 4-130 SMITH'S BRIDGE		YEAR : 1990/91											[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	8.1	6.5	9.1	27.0	172.2	134.7	160.2	90.0	43.3	25.4	19.7	13.0	
2	8.1	6.5	9.3	26.4	162.3	141.0	154.4	88.1	42.7	24.8	19.5	12.9	
3	8.0	6.2	10.7	34.4	150.5	149.9	149.4	86.7	41.6	24.6	19.2	12.7	
4	7.8	6.2	10.7	58.4	138.5	143.4	146.6	85.2	40.5	24.3	19.0	12.7	
5	7.4	6.0	10.1	54.7	123.8	141.6	145.2	83.4	39.6	23.9	19.0	12.6	
6	7.3	6.1	9.7	60.6	123.9	147.3	156.2	81.9	38.9	23.7	18.7	12.8	
7	7.3	5.9	9.2	59.7	135.0	149.5	154.4	81.1	38.2	23.4	18.3	12.9	
8	7.2	5.8	10.3	57.6	134.7	190.4	153.2	80.9	37.9	23.2	18.9	12.5	
9	6.9	5.7	10.0	53.4	131.2	197.1	155.3	80.2	37.1	23.2	17.2	11.8	
10	6.9	5.7	10.8	48.0	137.7	175.6	154.7	80.1	35.9	22.9	17.9	11.4	
11	6.8	5.4	10.9	44.3	134.7	163.5	156.8	77.5	35.2	22.5	16.8	11.0	
12	6.8	5.5	11.6	42.1	154.4	158.5	156.2	75.4	34.6	22.4	17.0	11.0	
13	6.9	5.5	13.6	54.0	179.2	163.3	151.6	73.7	33.9	22.2	16.7	11.2	
14	6.5	5.5	10.5	76.8	195.0	159.1	144.4	71.9	33.3	21.7	16.3	11.4	
15	6.5	5.3	12.7	99.3	205.7	150.8	137.8	69.7	32.6	21.9	15.9	10.9	
16		2	12.2	88.4	195.0	145.3	132.6	68.0	31.8	21.7	16.1	10.7	
17	6.5	5.8	12.2	92.3	181.8	138.5	128.0	65.7	31.6	21.6	16.1	10.3	
18	6.5	5.8	12.6	95.8	174.4	132.9	124.1	63.5	31.0	21.3	15.8	10.2	
19	6.5	5.6	12.7	78.1	165.0	151.9	120.4	61.6	30.2	21.1	15.3	10.3	
20	6.8	5.6	12.5	83.8	157.7	189.5	116.8	59.7	30.3	20.9	15.4	10.3	
21	7.0	6.0	14.3	96.1	151.6	184.8	113.6	58.2	30.1	20.4	15.3	10.2	
22	9.4	6.4	13.9	77.2	145.0	178.2	111.0	56.7	29.3	20.7	15.1	10.3	
23	10.7	6.1	12.5	72.1	139.7	184.1	108.4	55.2	28.5	20.7	14.7	9.9	
24	8.8	6.8	12.2	74.2	136.2	184.8	105.4	54.1	28.5	21.1	14.7	9.6	
25	7.5	7.1	14.1	84.3	133.4	173.6	103.4	53.0	28.2	20.7	14.1	9.7	
26	7.1	7.5	12.7	91.7	133.9	170.3	100.9	52.0	27.7	20.7	14.3	9.3	
27	6.9	9.9	13.4	120.6	133.4	188.2	98.9	50.2	27.2	20.4	14.5	9.1	
28	6.8	15.3	19.8	169.7	132.8	190.9	96.5	48.8	26.4	20.7	14.3	9.0	
29	6.8	12.2	25.1	225.7		175.5	94.1	47.4	26.1	20.7	14.1	9.0	
30	8	9.9	25.6	288.9		172.3	92.2	46.1	25.9	20.4	13.9	9.0	
31	6.8		24.9	196.4		166.5		44.8		20.2	13.2		
MEAN	7.3	6.8	13.2	87.5	152.3	164.4	130.8	67.4	33.3	22.0	16.3	10.9	58.7
MAX.	10.7	15.3	25.6	288.9	206.7	197.1	160.2	90.0	43.3	25.4	19.7	13.0	288.9
MIN.	6.4	5.2	9.1	26.4	123.9	132.9	92.2	44.8	25.9	20.2	13.2	9.0	5.2

[Discharge Rating Curve]: $Q=6.078*(H+0.184)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 92.3 Q(185day): 24.9 Q(275day): 11.4 Q(355day): 5.8