

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

HM	ST.: 4-669	KAFUE HOOK BRIDGE											YEAR : 1959/60	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
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QM	ST.: 4-669	KAFUE HOOK BRIDGE											YEAR : 1959/60	[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	61.0	47.9	53.0	126.5	139.1	494.1	599.3	449.9	147.9	107.3	87.3	73.0		
2	61.0	47.9	53.0	134.8	143.5	494.1	589.3	441.3	147.9	107.3	87.3	73.0		
3	61.0	47.9	53.0	147.9	147.9	503.2	599.3	432.8	143.5	103.8	87.3	73.0		
4	61.0	47.9	53.0	157.1	147.9	512.5	599.3	424.4	139.1	103.8	87.3	70.4		
5	61.0	47.9	51.2	161.9	147.9	512.5	599.3	407.9	134.8	103.8	84.2	70.4		
6	56.8	46.4	51.2	166.7	147.9	512.5	599.3	391.7	134.8	100.3	84.2	70.4		
7	56.8	46.4	53.0	176.6	152.5	512.5	609.4	375.9	134.8	100.3	84.2	70.4		
8	56.8	46.4	53.0	181.7	161.9	521.7	619.6	360.5	130.6	100.3	84.2	70.4		
9	56.8	46.4	53.0	186.9	171.6	531.1	619.6	352.9	130.6	96.9	84.2	67.9		
10	56.8	46.4	54.8	186.9	181.7	531.1	619.6	338.0	130.6	96.9	84.2	67.9		
11	54.8	46.4	58.9	192.1	192.1	540.6	609.4	323.4	126.5	96.9	84.2	67.9		
12	54.8	47.9	58.9	197.5	208.5	540.6	609.4	309.2	118.6	96.9	81.3	67.9		
13	54.8	49.5	56.8	202.9	225.6	550.2	609.4	302.2	122.5	96.9	81.3	67.9		
14	54.8	53.0	56.8	208.5	237.5	559.8	609.4	288.6	122.5	96.9	81.3	67.9		
15	54.8	53.0	58.9	208.5	249.7	579.4	609.4	275.3	118.6	96.9	81.3	67.9		
16	53.0	53.0	61.0	208.5	268.7	589.3	609.4	262.3	118.6	96.9	81.3	65.5		
17	53.0	53.0	63.2	208.5	275.3	599.3	609.4	256.0	118.6	96.9	81.3	65.5		
18	53.0	53.0	67.9	202.9	316.3	589.3	599.3	237.5	118.6	93.6	81.3	65.5		
19	53.0	53.0	73.0	202.9	330.6	599.3	589.3	225.6	114.7	93.6	81.3	65.5		
20	53.0	53.0	75.7	197.5	352.9	599.3	589.3	214.1	114.7	93.6	78.4	63.2		
21	51.2	53.0	84.2	192.1	375.9	609.4	579.4	208.5	114.7	93.6	78.4	63.2		
22	51.2	53.0	87.3	186.9	391.7	609.4	569.6	197.5	114.7	93.6	78.4	63.2		
23	51.2	53.0	84.2	181.7	416.1	619.6	559.8	192.1	114.7	93.6	78.4	63.2		
24	51.2	53.0	87.3	176.6	441.3	619.6	550.2	181.7	114.7	93.6	78.4	63.2		
25	51.2	54.8	90.4	161.9	458.6	629.9	550.2	176.6	114.7	90.4	75.7	61.0		
26	49.5	54.8	100.3	152.5	467.3	629.9	540.6	176.6	111.0	90.4	75.7	61.0		
27	49.5	54.8	103.8	157.1	458.6	629.9	521.7	166.7	111.0	90.4	75.7	61.0		
28	49.5	54.8	111.0	152.5	458.6	619.6	512.5	166.7	111.0	90.4	75.7	58.9		
29	49.5	54.8	114.7	147.9	467.9	619.6	494.1	161.9	107.3	90.4	73.0	58.9		
30	49.5	54.8	122.5	152.5		609.4	485.1	152.5	107.3	87.3	73.0	58.9		
31	47.9		126.5	143.5		599.3		147.9		87.3	73.0			

MEAN 54.2 50.9 73.3 176.2 280.5 569.9 582.0 277.4 123.0 96.2 80.7 66.1 202.1
 MAX. 61.0 54.8 126.5 208.5 467.9 629.9 619.6 449.9 147.9 107.3 87.3 73.0 629.9
 MIN. 47.9 46.4 51.2 126.5 139.1 494.1 485.1 147.9 107.3 87.3 73.0 58.9 46.4

[Discharge Rating Curve]: Q=110.511*(H-0.937)²
 [Flow Regime (m3/s)]:
 Q(95day): 237.5 Q(185day): 107.3 Q(275day): 65.5 Q(355day): 47.9

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1960/61 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1960/61 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	58.9	53.0	67.9	103.8	219.8	640.2	966.8	800.6	395.8	186.9	139.1	107.3	
2	58.9	53.0	65.5	107.3	219.8	629.9	953.9	794.8	383.8	184.3	136.9	107.3	
3	58.9	53.0	66.7	116.6	225.6	661.2	947.5	783.1	372.0	181.7	134.8	107.3	
4	58.9	53.0	64.4	114.7	231.5	666.5	928.5	771.6	360.5	181.7	134.8	107.3	
5	58.9	53.0	63.2	114.7	249.7	693.4	915.9	765.9	345.4	179.1	134.8	105.5	
6	58.9	51.2	62.1	114.7	256.0	704.3	909.6	754.5	338.0	179.1	132.7	103.8	
7	56.8	51.2	62.1	116.6	281.9	726.4	928.5	743.2	330.6	176.6	132.7	102.0	
8	56.8	51.2	61.0	122.5	309.2	818.3	966.8	732.0	316.3	174.1	130.6	102.0	
9	56.8	51.2	61.0	126.5	334.3	922.2	992.8	720.8	305.7	171.6	130.6	100.3	
10	56.8	51.2	63.2	130.6	349.1	1019.2	999.4	709.8	295.4	169.1	128.6	100.3	
11	56.8	51.2	63.2	136.9	352.9	1019.2	979.8	693.4	288.6	166.7	126.5	98.6	
12	56.8	51.2	63.2	143.5	379.8	953.9	941.2	682.6	278.6	166.7	126.5	98.6	
13	56.8	52.1	64.4	145.7	391.7	915.9	922.2	671.9	275.3	164.3	124.5	96.9	
14	56.8	51.2	65.5	145.7	399.8	866.4	915.9	661.2	268.7	161.9	122.5	96.9	
15	56.8	51.2	65.5	157.1	407.9	848.2	915.9	645.5	262.3	159.5	122.5	95.2	
16	55.8	53.0	65.5	166.7	416.1	866.4	903.4	635.0	252.8	159.5	122.5	93.6	
17	54.8	53.0	66.7	164.3	517.1	909.6	903.4	619.6	246.6	159.5	120.5	93.6	
18	54.8	54.8	64.4	171.6	559.8	878.6	897.1	614.5	240.5	157.1	120.5	93.6	
19	54.8	56.8	63.2	174.1	559.8	878.6	897.1	594.3	237.5	157.1	120.5	92.0	
20	54.8	57.9	63.2	174.1	550.2	979.8	897.1	579.4	231.5	152.5	118.6	88.8	
21	54.8	56.8	63.2	174.1	550.2	1006.0	890.9	564.7	225.6	152.5	118.6	90.4	
22	54.8	56.8	63.2	176.6	540.6	992.8	878.6	550.2	222.7	150.2	116.6	88.8	
23	54.8	56.8	64.4	176.6	559.8	941.2	866.4	531.1	219.8	150.2	114.7	87.3	
24	54.8	58.9	64.4	179.1	589.3	928.5	860.3	517.1	214.1	147.9	114.7	87.3	
25	54.8	59.9	64.4	181.7	599.3	979.8	854.2	503.2	208.5	147.9	112.9	85.7	
26	54.8	65.5	67.9	184.3	640.2	1025.8	842.1	485.1	205.7	145.7	112.9	85.7	
27	53.0	64.4	73.0	189.5	640.2	1045.9	836.1	467.3	208.5	145.7	111.0	85.7	
28	53.0	65.5	78.4	197.5	640.2	1032.5	830.2	454.2	200.2	143.5	111.0	84.2	
29	53.0	65.5	87.3	202.9		992.8	818.3	441.3	192.1	143.5	111.0	82.8	
30	53.0	66.7	93.6	208.5		966.8	812.4	424.4	189.5	141.3	109.2	82.8	
31	53.0		96.9	214.1		966.8		412.0		139.1	109.2		

MEAN 56.0 55.7 67.7 155.9 427.6 886.4 905.7 623.4 270.4 161.2 122.7 95.1 317.9
 MAX. 58.9 66.7 96.9 214.1 640.2 1045.9 999.4 800.6 395.8 186.9 139.1 107.3 1045.9
 MIN. 53.0 51.2 61.0 103.8 219.8 629.9 812.4 412.0 189.5 139.1 109.2 82.8 51.2

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$

[Flow Regime (m3/s)]:

Q(95day): 531.1 Q(185day): 157.1 Q(275day): 82.8 Q(355day): 53.0

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1961/62 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MEAN
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1961/62 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	36.6	36.3	37.4	38.7	40.4	42.1	42.9	42.8	41.5	39.7	38.6	38.0	
2	36.6	36.3	37.5	38.7	40.7	41.9	43.0	42.8	41.5	39.6	38.6	38.0	
3	36.6	36.3	37.5	38.8	40.7	41.8	43.0	42.8	41.4	39.6	38.6	38.0	
4	36.6	36.3	37.5	38.8	40.7	41.8	43.0	42.7	41.4	39.5	38.5	38.0	
5	36.6	36.3	37.5	38.9	40.7	41.8	43.0	42.6	41.3	39.5	38.5	38.0	
6	36.6	36.3	37.5	38.9	40.7	41.8	43.1	42.6	41.3	39.0	38.5	38.0	
7	36.6	36.3	37.6	39.0	41.0	41.8	43.1	42.5	41.2	39.4	38.5	37.9	
8	36.5	36.3	37.6	39.0	41.1	41.8	43.1	42.5	41.2	39.3	38.4	37.9	
9	36.5	36.3	37.6	39.2	41.2	41.8	43.2	42.5	41.2	39.3	38.4	37.9	
10	36.5	36.3	37.6	39.2	41.2	41.7	43.2	42.5	41.1	39.2	38.4	37.9	
11	36.5	36.4	37.6	39.3	41.1	41.7	43.3	42.4	41.0	39.2	38.4	37.8	
12	36.5	36.4	37.6	39.4	41.3	41.8	43.3	42.4	41.0	39.1	38.4	37.8	
13	36.5	36.4	37.6	39.5	41.3	41.9	43.3	42.3	40.9	39.1	38.4	37.8	
14	36.5	36.4	37.7	39.5	41.2	42.1	43.3	42.3	40.9	39.0	38.3	37.8	
15	36.5	36.5	37.8	39.5	41.3	42.2	43.3	42.2	40.8	39.0	38.3	37.8	
16	36.4	36.5	37.7	39.5	41.4	42.2	43.3	42.2	40.7	39.0	38.3	37.7	
17	36.4	36.5	37.9	39.5	41.4	42.3	43.2	42.2	40.6	38.9	38.3	37.7	
18	36.4	36.5	38.0	39.5	41.3	42.4	43.2	42.1	40.6	38.9	38.3	37.7	
19	36.4	36.6	38.0	39.6	41.2	42.5	43.2	42.1	40.5	38.9	38.3	37.7	
20	36.4	36.7	38.1	39.6	41.3	42.6	43.3	42.0	40.4	38.8	38.2	37.6	
21	36.4	36.8	38.1	39.6	41.5	42.7	43.3	42.0	40.4	38.9	38.2	37.6	
22	36.4	36.8	38.2	39.6	41.9	42.7	43.3	41.9	40.3	38.8	38.2	37.6	
23	36.4	36.9	38.2	39.6	41.9	42.7	43.2	41.9	40.2	38.8	38.2	37.6	
24	36.4	37.0	38.3	39.7	42.1	42.7	43.2	41.8	40.1	38.8	38.1	37.6	
25	36.3	37.1	38.3	39.7	42.2	42.8	43.1	41.8	40.0	38.7	38.1	37.5	
26	36.4	37.2	38.4	39.7	42.8	42.8	43.1	41.8	40.0	38.7	38.1	37.5	
27	36.3	37.3	38.4	39.8	42.7	42.7	43.0	41.7	40.0	38.7	38.1	37.5	
28	36.3	37.3	38.5	39.8	42.4	42.7	42.9	41.7	39.9	38.7	38.1	37.5	
29	36.3	37.4	38.6	39.9		42.8	42.9	41.6	39.8	38.7	38.1	37.5	
30	36.3	37.4	38.6	40.0		42.8	42.8	41.6	39.8	38.7	38.1	37.5	
31	36.3		38.6	40.1		42.8		41.6		38.6	38.1		

MEAN 36.5 36.6 37.9 39.4 41.4 42.3 43.1 42.2 40.7 39.0 38.3 37.8 39.6
 MAX. 36.6 37.4 38.6 40.1 42.8 42.8 43.3 42.8 41.5 39.7 38.6 38.0 43.3
 MIN. 36.3 36.3 37.4 38.7 40.4 41.7 42.8 41.6 39.8 38.6 38.1 37.5 36.3

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$

[Flow Regime (m3/s)]:

Q(95day): 41.7 Q(185day): 39.1 Q(275day): 37.7 Q(355day): 36.3

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR: 1962/63 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MEAN
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR: 1962/63 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
N=													
1	152.5	103.8	152.5	693.4	1228.4	1473.7	1522.2	1100.4	569.6	338.0	262.3	197.5	
2	147.9	103.8	157.1	806.5	1243.0	1489.8	1505.9	1073.0	559.8	338.0	262.3	197.5	
3	147.9	103.8	166.7	890.9	1213.8	1555.0	1489.8	1059.4	540.6	330.6	262.3	197.5	
4	143.5	100.3	176.6	903.4	1199.3	1604.9	1473.7	1045.9	531.1	330.6	256.0	192.1	
5	143.5	100.3	181.7	915.9	1287.5	1621.7	1457.7	1032.5	512.5	330.6	256.0	192.1	
6	139.1	100.3	192.1	979.8	1394.5	1571.6	1457.7	1006.0	503.2	323.4	256.0	186.9	
7	139.1	100.3	219.8	966.8	1425.9	1571.6	1441.8	992.8	494.1	323.4	249.7	186.9	
8	139.1	100.3	214.1	941.2	1363.5	1588.2	1425.9	979.8	476.2	316.3	249.7	186.9	
9	134.8	100.3	225.5	966.8	1317.7	1621.7	1410.2	966.8	467.3	316.3	249.7	186.9	
10	134.8	100.3	237.5	1006.0	1287.5	1655.6	1394.5	953.9	458.6	316.3	243.6	181.7	
11	130.6	100.3	256.0	1019.2	1257.8	1724.4	1379.0	941.2	449.9	309.2	243.6	181.7	
12	130.6	100.3	302.2	1006.0	1348.2	1794.7	1363.5	928.5	441.3	309.2	243.6	176.6	
13	130.6	100.3	309.2	979.8	1363.5	1902.8	1348.2	903.4	432.8	309.2	237.5	176.6	
14	130.6	100.3	323.4	979.8	1379.0	1848.3	1332.9	890.9	424.4	302.2	237.5	176.6	
15	126.5	100.3	338.0	966.8	1441.8	1794.7	1317.7	878.6	416.1	302.2	237.5	171.6	
16	126.5	103.8	352.9	979.8	1457.7	1741.9	1317.7	854.2	407.9	302.2	231.5	171.6	
17	122.5	107.3	360.5	992.8	1457.7	1724.4	1317.7	842.1	399.8	295.4	231.5	166.7	
18	122.5	107.3	383.8	979.8	1489.8	1689.8	1317.7	830.2	391.7	295.4	231.5	166.7	
19	118.6	107.3	416.1	979.8	1555.0	1672.7	1287.5	806.5	391.7	295.4	225.6	166.7	
20	118.6	118.6	391.7	979.8	1571.6	1655.6	1272.6	794.8	383.8	288.6	225.6	161.9	
21	118.6	122.5	467.3	979.8	1522.2	1655.6	1257.8	771.6	375.9	288.6	225.6	161.9	
22	118.6	126.5	512.5	992.8	1457.7	1638.6	1243.0	748.8	375.9	288.6	219.8	161.9	
23	114.7	126.5	589.3	992.8	1410.2	1621.7	1228.4	726.4	368.2	288.6	219.8	157.1	
24	114.7	130.6	629.9	1019.2	1394.5	1604.9	1213.8	715.3	368.2	281.9	219.8	157.1	
25	111.0	134.8	629.9	1032.5	1379.0	1588.2	1184.9	693.4	360.5	281.9	214.1	157.1	
26	111.0	134.8	671.9	1045.9	1394.5	1571.6	1170.6	682.6	360.5	275.3	214.1	157.1	
27	111.0	139.1	748.8	1059.4	1441.8	1571.6	1170.6	661.2	352.9	275.3	208.5	152.5	
28	107.3	143.5	771.6	1073.0	1457.7	1555.0	1142.3	640.2	352.9	275.3	208.5	152.5	
29	107.3	147.9	715.3	1086.7		1555.0	1128.2	629.9	345.4	268.7	208.5	147.9	
30	107.3	147.9	682.6	1142.3		1538.6	1114.3	609.4	345.4	268.7	202.9	147.9	
31	107.3		693.4	1170.6		1522.2		589.3		268.7	202.9		
MEAN	126.1	113.8	402.3	984.8	1383.6	1636.3	1322.9	850.0	428.6	301.1	233.5	172.5	658.7
MAX.	152.5	147.9	771.6	1170.6	1571.6	1902.8	1522.2	1100.4	569.6	338.0	262.3	197.5	1902.8
MIN.	107.3	100.3	152.5	693.4	1199.3	1473.7	1114.3	589.3	345.4	268.7	202.9	147.9	100.3

[Discharge Rating Curve]: Q=110.511*(H-0.937)^2

[Flow Regime (m3/s)]:

Q(95day): 1073.0 Q(185day): 383.8 Q(275day): 186.9 Q(355day): 100.3

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1963/64 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MEAN.
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1963/64 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	143.5	126.5	181.7	302.2	485.1	941.2	806.5	375.9	197.5	161.9	139.1	114.7	
2	143.5	126.5	186.9	302.2	494.1	928.5	794.8	368.2	192.1	161.9	139.1	114.7	
3	143.5	126.5	192.1	309.2	512.5	928.5	783.1	345.4	192.1	157.1	139.1	114.7	
4	139.1	122.5	202.9	302.2	550.2	928.5	771.6	338.0	186.9	157.1	139.1	114.7	
5	139.1	126.5	208.5	309.2	579.4	928.5	760.2	330.6	186.9	157.1	134.8	114.7	
6	139.1	126.5	214.1	309.2	619.6	928.5	748.8	323.4	186.9	157.1	134.8	111.0	
7	139.1	126.5	237.5	309.2	650.7	928.5	737.6	316.3	186.9	157.1	134.8	111.0	
8	134.8	130.6	243.6	330.6	671.9	941.2	726.4	302.2	181.7	152.5	134.8	111.0	
9	134.8	134.8	256.0	345.4	693.4	941.2	715.3	295.4	181.7	152.5	134.8	111.0	
10	134.8	134.8	275.3	352.9	704.3	941.2	693.4	288.6	181.7	152.5	134.8	107.3	
11	130.6	139.1	288.6	375.9	715.3	953.9	682.6	281.9	181.7	152.5	134.8	107.3	
12	130.6	143.5	302.2	399.8	715.3	966.8	671.9	275.3	176.6	152.5	130.6	107.3	
13	130.6	147.9	309.2	424.4	737.6	966.8	650.7	268.7	176.6	152.5	130.6	107.3	
14	130.6	147.9	309.2	441.3	771.5	966.8	640.2	262.3	176.6	147.9	130.6	107.3	
15	126.5	147.9	309.2	432.8	794.8	966.8	619.6	256.0	176.6	147.9	130.6	103.8	
16	126.5	152.5	309.2	424.4	854.2	966.8	609.4	249.7	171.6	147.9	130.6	103.8	
17	126.5	152.5	309.2	416.1	1019.2	966.8	589.3	243.6	171.6	147.9	130.6	103.8	
18	122.5	152.5	302.2	416.1	1086.7	966.8	579.4	237.5	171.6	147.9	126.5	103.8	
19	122.5	157.1	302.2	407.9	1032.5	953.9	559.8	231.5	171.6	147.9	126.5	103.8	
20	122.5	157.1	309.2	407.9	992.8	941.2	540.6	225.6	171.6	147.9	126.5	103.8	
21	122.5	161.9	309.2	416.1	1019.2	928.5	521.7	225.6	171.6	147.9	126.5	100.3	
22	118.6	166.7	316.3	416.1	979.8	915.9	512.5	219.8	166.7	147.9	126.5	100.3	
23	118.6	166.7	316.3	424.4	979.8	903.4	494.1	219.8	166.7	147.9	126.5	96.9	
24	118.6	166.7	323.4	424.4	979.8	903.4	476.2	219.8	166.7	147.9	126.5	96.9	
25	118.6	171.6	323.4	441.3	966.8	890.9	458.6	214.1	166.7	147.9	126.5	96.9	
26	118.6	171.6	323.4	441.3	966.8	878.6	441.3	214.1	166.7	143.5	122.5	96.9	
27	122.5	166.7	323.4	449.9	966.8	866.4	424.4	208.5	161.9	143.5	122.5	96.9	
28	126.5	171.6	316.3	467.3	953.9	854.2	416.1	202.9	161.9	143.5	118.6	93.6	
29	126.5	171.6	309.2	476.2	953.9	842.1	399.8	202.9	161.9	143.5	118.6	93.6	
30	126.5	176.6	309.2	485.1		830.2	391.7	197.5	157.1	143.5	118.6	93.6	
31	126.5		302.2	485.1		818.3		197.5		143.5	118.6		

MEAN 129.2 149.1 281.3 395.1 808.6 922.1 607.3 262.5 175.6 150.3 129.5 104.8 341.3
 MAX. 143.5 176.6 323.4 485.1 1086.7 966.8 806.5 375.9 197.5 161.9 139.1 114.7 1086.7
 MIN. 118.6 122.5 181.7 302.2 485.1 818.3 391.7 197.5 157.1 143.5 118.6 93.6 93.6

[Discharge Rating Curve]: Q=110.511*(H-0.937)^2

[Flow Regime (m3/s)]:

Q(95day): 432.8 Q(185day): 186.9 Q(275day): 139.1 Q(355day): 103.8

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1964/65 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1964/65 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	93.6	73.0	90.4	161.9	599.3	682.6	569.6	309.2	161.9	130.6	114.7	96.9	
2	93.6	73.0	96.9	171.6	599.3	671.9	569.6	302.2	161.9	126.5	114.7	93.6	
3	93.6	73.0	100.3	186.9	629.9	671.9	559.8	288.6	157.1	126.5	114.7	93.6	
4	90.4	73.0	103.8	202.9	640.2	671.9	550.2	281.9	157.1	126.5	111.0	93.6	
5	90.4	73.0	107.3	214.1	640.2	671.9	540.6	275.3	157.1	126.5	111.0	93.6	
6	90.4	75.7	107.3	225.6	661.2	671.9	531.1	268.7	152.5	122.5	111.0	93.6	
7	87.3	75.7	111.0	225.6	704.3	671.9	521.7	262.3	152.5	122.5	111.0	93.6	
8	87.3	75.7	114.7	225.6	726.4	671.9	512.5	249.7	152.5	122.5	111.0	90.4	
9	87.3	75.7	118.6	243.6	726.4	682.6	503.2	243.6	147.9	122.5	111.0	90.4	
10	84.2	75.7	118.6	281.9	726.4	682.6	494.1	237.5	147.9	122.5	111.0	90.4	
11	84.2	75.7	118.6	295.4	726.4	682.6	494.1	231.5	143.5	122.5	107.3	90.4	
12	84.2	75.7	122.5	288.6	715.3	682.6	485.1	225.6	143.5	122.5	107.3	87.3	
13	84.2	78.4	122.5	295.4	704.3	671.9	476.2	219.8	143.5	122.5	107.3	87.3	
14	84.2	78.4	122.5	330.6	715.3	671.9	467.3	219.8	143.5	122.5	107.3	87.3	
15	81.3	78.4	118.6	375.9	715.3	661.2	458.6	214.1	143.5	122.5	107.3	87.3	
16	81.3	78.4	118.6	399.8	726.4	661.2	449.9	208.5	143.5	122.5	103.8	87.3	
17	81.3	78.4	122.5	432.8	726.4	650.7	441.3	202.9	143.5	118.6	103.8	87.3	
18	81.3	81.3	122.5	467.3	726.4	650.7	432.8	197.5	139.1	118.6	103.8	87.3	
19	78.4	81.3	122.5	458.6	715.3	650.7	424.4	197.5	139.1	118.6	103.8	87.3	
20	78.4	84.2	126.5	458.6	704.3	640.2	416.1	192.1	139.1	118.6	103.8	87.3	
21	78.4	84.2	122.5	467.3	704.3	640.2	407.9	186.9	139.1	118.6	100.3	87.3	
22	78.4	90.4	126.5	476.2	693.4	629.9	391.7	181.7	139.1	118.6	100.3	87.3	
23	78.4	90.4	126.5	476.2	682.6	629.9	383.8	181.7	134.8	118.6	100.3	84.2	
24	75.7	90.4	130.6	531.1	682.6	619.6	375.9	176.6	134.8	118.6	100.3	84.2	
25	75.7	87.3	130.6	540.6	682.6	619.6	368.2	176.6	134.8	118.6	100.3	84.2	
26	75.7	87.3	134.8	540.6	693.4	609.4	352.9	171.6	134.8	118.6	100.3	81.3	
27	75.7	87.3	134.8	540.6	693.4	609.4	345.4	171.6	134.8	118.6	96.9	84.2	
28	73.0	87.3	134.8	550.2	671.9	599.3	338.0	171.6	130.6	114.7	96.9	81.3	
29	73.0	90.4	134.8	619.6		589.3	330.6	166.7	130.6	114.7	96.9	78.4	
30	75.7	90.4	139.1	579.4		589.3	316.3	166.7	130.6	114.7	96.9	75.7	
31	73.0		147.9	589.3		579.4		161.9		114.7	96.9		

MEAN 82.3 80.6 120.9 382.4 690.5 648.1 450.3 217.5 143.8 120.9 105.3 87.8 258.1
 MAX. 93.6 90.4 147.9 619.6 726.4 682.6 569.6 309.2 161.9 130.6 114.7 96.9 726.4
 MIN. 73.0 73.0 90.4 161.9 599.3 579.4 316.3 161.9 130.6 114.7 96.9 75.7 73.0

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$

[Flow Regime (m3/s)]:

Q(1day): 407.9 Q(185day): 130.6 Q(275day): 93.6 Q(355day): 75.7

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1965/66 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MEAN
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1965/66 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	75.7	65.5	84.2	152.5	202.9	503.2	569.6	323.4	166.7	122.5	100.3	87.3	
2	75.7	65.5	84.2	157.1	192.1	503.2	569.6	309.2	161.9	122.5	100.3	84.2	
3	75.7	65.5	87.3	157.1	225.6	494.1	559.8	302.2	161.9	118.6	100.3	84.2	
4	73.0	65.5	87.3	157.1	219.8	485.1	559.8	295.4	157.1	118.6	100.3	84.2	
5	75.7	65.5	90.4	157.1	231.5	494.1	559.8	281.9	157.1	118.6	96.9	84.2	
6	75.7	65.5	90.4	157.1	231.5	503.2	550.2	275.3	152.5	118.6	100.3	81.3	
7	73.0	65.5	93.6	152.5	225.6	512.5	550.2	268.7	152.5	118.6	96.9	81.3	
8	73.0	65.5	96.9	157.1	237.5	521.7	540.6	268.7	147.9	118.6	96.9	81.3	
9	73.0	67.9	96.9	157.1	249.7	521.7	540.6	256.0	147.9	114.7	96.9	81.3	
10	73.0	65.5	96.9	161.9	262.3	531.1	540.6	256.0	143.5	114.7	96.9	81.3	
11	73.0	65.5	100.3	161.9	268.7	550.2	521.7	249.7	143.5	114.7	93.6	81.3	
12	73.0	67.9	103.8	161.9	295.4	599.3	521.7	243.6	143.5	114.7	93.6	78.4	
13	73.0	63.2	107.3	161.9	323.4	609.4	512.5	231.5	139.1	114.7	93.6	78.4	
14	73.0	65.5	111.0	161.9	360.5	619.6	503.2	225.6	139.1	114.7	93.6	78.4	
15	70.4	67.9	114.7	161.9	352.9	629.9	494.1	219.8	139.1	111.0	93.6	78.4	
16	70.4	65.5	122.5	161.9	338.0	619.6	485.1	214.1	134.8	111.0	93.6	78.4	
17	70.4	67.9	118.6	161.9	338.0	609.4	476.2	214.1	134.8	111.0	93.6	78.4	
18	70.4	73.0	122.5	166.7	345.4	599.3	458.6	208.5	134.8	111.0	93.6	78.4	
19	70.4	75.7	126.5	171.6	352.9	599.3	449.9	202.9	134.8	107.3	90.4	78.4	
20	70.4	78.4	130.6	171.6	360.5	589.3	441.3	197.5	130.6	107.3	90.4	78.4	
21	70.4	78.4	130.6	166.7	360.5	589.3	432.8	192.1	130.6	107.3	90.4	75.7	
22	70.4	78.4	134.8	166.7	375.9	589.3	416.1	192.1	130.6	107.3	90.4	75.7	
23	70.4	78.4	134.8	166.7	375.9	579.4	407.9	186.9	130.6	107.3	90.4	75.7	
24	67.9	81.3	139.1	166.7	391.7	579.4	391.7	186.9	130.6	103.8	90.4	73.0	
25	67.9	81.3	143.5	166.7	399.8	579.4	383.8	181.7	126.5	103.8	90.4	73.0	
26	67.9	84.2	143.5	166.7	407.9	579.4	375.9	181.7	126.5	103.8	87.3	73.0	
27	67.9	84.2	147.9	166.7	424.4	579.4	360.5	176.6	126.5	103.8	87.3	73.0	
28	67.9	84.2	147.9	181.7	476.2	579.4	352.9	176.6	122.5	103.8	87.3	73.0	
29	67.9	84.2	147.9	176.6		579.4	338.0	171.6	122.5	100.3	87.3	73.0	
30	65.5	84.2	147.9	186.9		579.4	330.6	171.6	122.5	100.3	87.3	73.0	
31	65.5		152.5	197.5		569.6		166.7		100.3	87.3		

MEAN 71.2 72.3 117.3 165.1 315.2 563.8 473.2 226.7 139.8 111.1 93.3 78.5 201.5
 MAX. 75.7 84.2 152.5 197.5 476.2 629.9 569.6 323.4 166.7 122.5 100.3 87.3 629.9
 MIN. 65.5 63.2 84.2 152.5 192.1 485.1 330.6 166.7 122.5 100.3 87.3 73.0 63.2

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 231.5 Q(185day): 130.6 Q(275day): 84.2 Q(355day): 65.5

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

HM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1966/67										[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MEAN
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QM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1966/67										[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	72.2	55.6	55.4	98.9	202.4	361.2	668.7	612.5	245.4	143.9	112.9	95.9	
2	71.5	55.6	56.4	101.3	203.5	365.8	671.9	607.4	236.9	142.6	112.5	95.6	
3	70.9	55.4	55.8	102.7	200.7	394.1	665.5	604.3	228.5	140.8	112.5	95.2	
4	70.2	54.5	55.2	104.5	208.5	405.5	659.1	599.3	222.1	139.1	111.4	94.6	
5	69.2	54.5	54.8	105.5	211.8	396.6	660.2	594.3	215.8	138.2	110.6	94.3	
6	68.2	54.7	55.2	110.3	216.9	390.9	656.0	586.3	210.7	136.9	109.9	93.0	
7	67.4	55.0	55.0	114.0	222.7	394.1	651.7	580.4	204.6	135.2	109.2	93.3	
8	66.7	56.4	57.0	115.9	239.3	399.8	648.6	572.5	200.7	133.6	109.5	92.0	
9	66.2	56.2	65.1	117.0	248.5	408.7	648.6	562.7	195.9	131.9	109.5	90.4	
10	66.0	56.6	61.4	115.5	262.9	415.3	648.6	554.0	191.6	131.9	108.1	90.1	
11	65.1	57.6	64.6	114.7	264.9	427.0	649.6	549.2	189.5	131.0	107.0	89.8	
12	64.6	57.0	65.1	122.9	261.0	432.0	649.6	532.1	183.7	128.2	107.0	89.1	
13	64.4	56.2	67.2	119.0	267.4	358.2	648.6	519.9	181.2	126.9	107.0	89.1	
14	63.9	55.8	64.4	121.3	270.7	445.6	647.5	509.7	178.1	126.1	105.5	89.1	
15	63.4	56.2	61.9	128.6	278.6	455.1	644.4	493.2	174.6	126.1	105.5	88.8	
16	63.2	55.6	65.3	132.3	279.9	470.0	644.4	478.0	170.6	125.7	105.2	88.5	
17	63.4	55.6	69.2	135.2	273.3	483.3	643.4	463.8	167.2	124.9	104.1	88.2	
18	63.0	55.4	74.6	138.2	269.4	503.2	642.3	448.2	163.8	123.3	103.1	87.6	
19	62.3	55.2	76.0	147.9	274.6	523.6	641.3	432.8	161.9	122.5	102.7	86.1	
20	61.6	55.0	73.3	154.3	271.3	532.1	639.2	413.7	159.5	121.7	102.4	85.4	
21	61.4	55.8	70.7	157.6	272.6	547.3	635.0	395.8	158.1	120.5	102.0	83.4	
22	61.0	57.0	70.7	160.4	275.9	564.7	633.0	379.1	157.1	119.4	101.3	81.9	
23	61.0	57.0	71.7	164.7	287.9	567.6	628.8	364.3	155.3	119.4	99.9	81.3	
24	59.9	57.8	73.8	166.7	300.2	569.6	624.7	348.4	153.4	118.2	99.9	81.6	
25	59.1	57.8	77.3	169.1	292.6	571.5	620.6	332.1	152.0	116.6	99.9	80.7	
26	58.2	57.6	81.3	172.1	329.2	585.3	617.5	317.7	150.7	116.6	99.9	79.9	
27	57.8	56.8	84.8	178.6	331.4	613.5	613.5	302.9	149.3	117.4	99.6	79.6	
28	57.2	56.6	89.1	181.2	347.6	620.6	611.4	289.2	147.5	117.0	98.6	79.3	
29	57.0	56.0	92.6	191.1		622.7	611.4	277.9	146.1	114.7	97.6	79.0	
30	56.4	55.6	95.9	214.1		618.6	619.6	266.2	145.2	113.6	97.2	78.4	
31	56.0		97.2	209.6		657.0		254.7		113.2	96.9		

MEAN 63.5 56.1 69.6 140.8 263.1 487.1 641.5 459.4 179.9 126.4 104.8 87.4 222.8
 MAX. 72.2 57.8 97.2 214.1 347.6 657.0 671.9 612.5 245.4 143.9 112.9 95.9 671.9
 MIN. 56.0 54.5 54.8 98.9 200.7 358.2 611.4 254.7 145.2 113.2 96.9 78.4 54.5

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$

[Flow Regime (m3/s)]:

Q(95day): 287.9 Q(185day): 123.3 Q(275day): 79.9 Q(355day): 55.4

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1967/68 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1967/68 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	77.9	69.7	93.6	163.8	341.7	484.2	456.8	291.3	148.8	116.6	104.8	88.8	
2	77.3	69.4	96.6	162.8	351.4	485.1	456.0	284.5	146.6	116.6	104.8	88.8	
3	76.8	70.2	99.6	163.3	358.9	483.3	455.1	277.9	144.8	117.0	103.8	87.3	
4	76.2	70.4	104.8	163.8	373.6	479.7	453.4	272.0	143.9	116.6	103.8	88.2	
5	75.4	71.2	108.4	163.8	382.2	481.5	450.8	266.8	142.6	117.0	103.8	87.3	
6	74.6	70.2	109.5	169.1	388.6	478.0	449.0	261.7	140.8	116.6	103.8	89.8	
7	73.8	69.9	107.7	168.6	394.9	472.6	444.7	257.9	139.5	116.6	103.8	87.3	
8	72.5	70.7	107.0	170.1	404.7	468.2	440.5	250.3	138.7	117.0	102.0	87.3	
9	73.0	72.5	107.3	172.1	416.1	462.9	436.2	244.8	137.4	115.9	100.3	85.1	
10	74.1	75.7	109.2	174.1	431.2	456.8	432.0	239.3	136.9	115.1	101.3	85.1	
11	73.3	78.4	112.5	176.1	441.3	454.2	427.0	233.9	136.1	115.1	101.3	84.2	
12	72.5	80.4	117.4	178.6	453.4	453.4	421.9	229.1	134.4	114.7	101.0	83.6	
13	72.2	82.8	123.7	182.7	463.8	460.3	415.3	225.6	132.7	114.7	100.6	81.3	
14	72.2	85.7	128.2	189.5	472.6	484.2	408.7	221.0	131.9	114.0	96.9	82.8	
15	72.0	85.4	131.9	195.3	473.5	492.3	402.2	217.5	130.6	113.2	97.9	82.8	
16	70.9	85.4	135.2	198.6	478.8	484.2	396.6	211.8	129.4	112.9	96.9	82.8	
17	71.2	85.1	138.2	210.7	500.5	477.1	387.8	205.7	128.2	112.9	97.9	82.2	
18	70.7	84.5	140.8	218.1	511.5	469.1	379.1	201.3	127.7	112.5	97.9	81.3	
19	69.7	88.8	142.2	228.5	501.4	459.4	375.1	196.4	126.5	111.7	97.9	82.2	
20	68.9	86.4	143.5	235.7	495.9	453.4	365.8	192.1	125.3	111.4	95.2	79.9	
21	68.4	88.8	145.2	241.1	495.0	450.8	358.9	187.9	124.9	111.4	94.6	79.9	
22	67.7	85.7	145.2	248.5	494.1	446.5	351.4	182.2	123.7	111.4	93.6	80.7	
23	67.2	85.4	153.9	268.1	493.2	444.7	343.9	177.1	122.9	110.6	93.6	79.3	
24	66.7	84.8	160.0	275.9	491.4	443.9	336.5	172.1	122.1	109.2	93.6	78.4	
25	65.8	85.1	159.5	285.2	488.7	444.7	331.4	168.6	120.5	108.1	93.9	77.1	
26	65.5	85.4	168.1	294.0	488.7	449.9	325.6	166.2	119.7	107.3	92.0	77.1	
27	67.0	86.1	162.8	301.5	487.8	451.6	317.0	162.3	119.4	107.3	93.0	77.1	
28	67.0	87.6	162.3	310.6	486.0	454.2	309.9	158.5	120.5	107.3	91.3	75.7	
29	69.4	90.4	177.6	321.3	480.6	455.1	303.6	156.2	119.7	107.3	90.4	76.5	
30	70.2	91.0	171.6	327.0		456.0	296.7	152.9	117.4	105.5	90.4	74.3	
31	70.2		164.3	332.8		456.0		151.1		103.8	88.8		

MEAN 71.3 80.8 133.2 222.3 449.7 464.3 391.0 213.4 131.1 112.5 97.8 82.5 203.2
 MAX. 77.9 91.0 177.6 332.8 511.5 492.3 456.8 291.3 148.8 117.0 104.8 89.8 511.5
 MIN. 65.5 69.4 93.6 162.8 341.7 443.9 296.7 151.1 117.4 103.8 88.8 74.3 65.5

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$

[Flow Regime (m3/s)]:

Q(95day): 296.7 Q(185day): 129.4 Q(275day): 90.4 Q(355day): 69.4

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1968/69 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1968/69 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	74.3	58.9	78.4	283.9	798.3	1156.4	1681.2	1203.6	798.3	379.8	270.0	208.5	
2	74.3	56.8	83.6	295.4	810.0	1146.5	1664.1	1190.7	777.4	372.8	268.7	207.9	
3	73.8	57.8	81.3	304.3	804.1	1139.5	1653.9	1177.8	764.7	365.8	266.2	206.2	
4	73.0	57.8	82.8	322.0	833.7	1125.5	1655.6	1164.9	746.6	360.5	262.9	204.0	
5	73.0	57.8	81.3	336.5	857.8	1121.3	1689.8	1152.2	730.8	356.7	261.0	202.4	
6	73.8	55.8	81.3	360.5	860.3	1135.3	1665.8	1139.5	713.1	352.1	259.8	200.7	
7	71.7	54.8	83.6	378.3	857.8	1196.4	1628.5	1125.5	696.7	346.9	257.9	199.1	
8	72.5	54.8	84.2	394.1	925.9	1182.1	1616.7	1107.4	677.2	343.1	254.7	194.8	
9	70.4	55.8	87.3	412.0	934.8	1167.8	1593.2	1086.7	656.0	340.2	252.8	193.2	
10	69.9	55.4	88.8	487.8	925.9	1167.8	1576.5	1077.1	638.2	336.5	251.0	190.5	
11	69.2	54.8	92.0	535.9	913.4	1163.5	1564.9	1070.3	622.7	329.2	250.3	189.5	
12	68.7	55.8	96.2	515.2	907.1	1177.8	1563.3	1052.7	602.3	326.3	246.0	188.4	
13	67.9	56.8	98.6	506.0	1006.0	1182.1	1551.7	1041.9	585.3	323.4	243.6	185.8	
14	68.7	57.4	102.0	517.1	1036.5	1189.2	1540.2	1029.8	568.6	319.8	242.3	183.7	
15	67.7	56.8	110.3	540.6	1023.2	1218.2	1528.7	1018.5	553.0	317.7	240.5	181.7	
16	66.2	56.8	114.7	572.5	1050.0	1307.1	1520.6	1003.3	535.9	313.4	238.1	179.1	
17	65.5	56.8	121.7	589.3	1045.9	1348.2	1507.6	988.9	521.7	311.3	235.7	176.6	
18	65.1	58.9	125.7	597.3	1086.7	1371.3	1496.2	972.0	505.1	306.4	234.5	173.6	
19	64.4	58.9	134.8	592.3	1104.6	1386.8	1476.9	977.2	489.6	303.6	232.1	171.6	
20	64.4	64.4	140.4	607.4	1090.8	1473.7	1457.7	964.2	478.0	300.2	231.5	170.1	
21	63.9	61.6	145.7	604.3	1077.1	1538.6	1427.5	951.4	466.4	299.5	228.5	167.7	
22	63.9	61.0	151.6	609.4	1121.3	1588.2	1383.7	937.3	453.4	295.4	227.4	164.7	
23	63.2	61.6	158.5	624.7	1153.6	1638.6	1342.0	925.9	439.6	290.6	225.6	163.8	
24	62.8	62.1	165.7	633.0	1153.6	1652.2	1314.6	912.1	429.5	287.9	222.7	161.9	
25	61.0	62.1	175.6	638.2	1132.4	1677.8	1293.5	895.9	420.3	285.9	219.8	159.5	
26	61.0	65.1	184.3	643.4	1114.3	1689.8	1277.1	887.2	412.8	285.2	220.4	157.6	
27	60.6	67.4	189.5	650.7	1163.5	1686.4	1260.7	871.2	404.7	279.9	219.2	156.7	
28	59.9	71.7	205.7	656.0	1174.9	1698.4	1247.4	856.6	399.0	277.9	216.9	155.3	
29	59.5	79.3	216.9	669.7		1703.6	1232.8	842.1	390.9	275.3	214.7	154.8	
30	59.5	83.6	254.7	713.1		1689.8	1218.2	827.8	384.6	272.6	213.5	152.9	
31	58.9		259.1	757.9		1689.8		812.4		271.3	210.7		

MEAN 66.7 60.6 131.5 527.4 998.7 1374.5 1487.7 1008.5 562.1 317.0 239.3 180.1 576.1
 MAX. 74.3 83.6 259.1 757.9 1174.9 1703.6 1689.8 1203.6 798.3 379.8 270.0 208.5 1703.6
 MIN. 58.9 54.8 78.4 283.9 798.3 1121.3 1218.2 812.4 384.6 271.3 210.7 152.9 54.8

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 977.2 Q(185day): 340.2 Q(275day): 161.9 Q(355day): 56.8

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

HM	ST.: 4-669	KAFUE HOOK BRIDGE												YEAR : 1969/70	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
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QM	ST.: 4-669	KAFUE HOOK BRIDGE												YEAR : 1969/70	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	153.4	137.8	155.3	595.3	769.3	818.3	721.9	365.1	205.7	160.0	131.9	109.5			
2	150.7	147.0	156.2	572.5	763.6	821.8	710.9	356.7	204.0	159.0	130.2	109.2			
3	148.8	150.7	165.2	567.6	780.8	818.3	699.9	349.1	205.7	158.1	129.4	108.8			
4	146.6	144.8	160.4	577.4	800.6	912.4	688.0	341.7	198.0	155.7	129.4	108.1			
5	145.7	146.1	165.2	649.6	818.3	806.5	675.1	332.8	194.8	154.8	129.8	106.6			
6	144.4	149.7	171.6	647.5	827.8	806.5	665.5	326.3	193.2	154.8	129.4	105.5			
7	143.5	152.5	174.1	635.0	836.1	794.8	643.4	318.4	191.6	152.5	129.0	105.2			
8	140.8	152.9	178.6	614.5	833.7	800.6	633.0	312.0	189.5	157.1	127.7	104.8			
9	140.0	154.3	175.6	605.4	854.2	794.8	621.6	305.7	187.9	150.2	126.1	103.1			
10	138.7	156.7	172.6	600.3	870.0	783.1	609.4	299.5	185.3	150.2	125.3	101.7			
11	137.8	156.7	173.1	601.3	903.4	783.1	595.3	294.7	182.2	149.3	124.9	99.9			
12	137.4	157.6	175.6	605.4	907.1	786.6	581.4	289.2	181.2	148.8	124.1	99.6			
13	136.1	161.9	189.5	606.4	894.6	788.9	567.6	283.9	179.1	147.5	123.7	99.3			
14	134.8	160.0	202.9	611.4	884.8	786.6	553.0	279.9	178.6	146.6	122.5	97.9			
15	134.0	156.7	205.1	616.5	888.5	792.4	544.4	272.6	178.6	146.6	121.3	96.9			
16	132.3	154.8	210.7	638.2	903.4	794.8	529.2	266.8	177.6	145.7	120.9	96.2			
17	131.5	152.9	216.9	685.8	913.4	795.9	520.8	262.3	175.1	143.9	120.1	94.6			
18	130.6	152.0	242.9	652.8	913.4	794.8	514.3	257.9	174.1	142.2	119.4	93.6			
19	132.7	151.1	247.9	683.7	888.5	794.8	496.9	252.8	174.1	142.2	119.0	92.6			
20	131.0	149.7	285.2	775.1	872.5	792.4	478.8	248.5	171.6	141.3	118.6	92.0			
21	130.6	150.7	295.4	783.1	866.4	788.9	469.1	243.6	170.1	140.4	117.8	91.7			
22	129.0	152.0	305.7	779.7	857.8	786.6	458.6	238.7	169.1	139.5	117.0	90.7			
23	127.3	152.5	312.7	783.1	860.9	784.3	448.2	234.5	168.1	138.7	115.9	89.4			
24	125.7	151.6	342.4	798.3	854.2	784.3	436.2	231.5	166.2	137.8	115.1	88.5			
25	128.2	151.6	362.0	763.6	854.2	783.1	467.3	226.8	166.2	137.8	114.0	87.9			
26	128.6	152.0	398.2	746.6	845.7	777.4	412.0	223.9	164.3	137.4	114.0	87.9			
27	128.6	155.3	433.7	760.2	836.1	771.6	402.2	221.0	162.3	134.8	113.6	86.4			
28	134.4	155.7	447.3	780.8	830.2	764.7	390.9	217.5	161.9	134.0	113.2	85.7			
29	134.8	154.8	445.6	800.6		755.6	382.2	214.7	161.4	133.6	112.9	84.5			
30	135.7	155.7	519.9	806.5		746.6	375.1	211.3	160.9	133.1	112.1	83.1			
31	139.1		564.7	792.4		735.3		209.0		133.1	110.6				

MEAN 136.5 152.6 256.2 681.8 854.6 788.6 543.1 273.8 179.3 145.4 121.3 96.7 350.4
 MAX. 153.4 161.9 564.7 806.5 913.4 821.8 721.9 365.1 205.7 160.0 131.9 109.5 913.4
 MIN. 125.7 137.8 155.3 567.6 763.6 735.3 375.1 209.0 160.9 133.1 110.6 83.1 83.1

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 601.3 Q(185day): 178.6 Q(275day): 138.7 Q(355day): 92.0

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1970/71 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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MIN.

QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1970/71 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	82.8	72.8	120.9	391.7	792.4	952.7	895.9	748.8	304.3	199.1	163.3	127.7	
2	82.8	72.2	129.8	393.3	801.8	952.7	894.6	736.4	297.4	196.9	162.8	126.9	
3	82.5	70.9	134.8	415.3	870.0	959.1	892.2	721.9	292.0	195.9	161.9	126.5	
4	82.2	70.7	140.0	432.0	866.4	978.5	890.9	706.5	285.2	194.8	160.4	125.7	
5	81.9	72.0	144.8	458.6	912.1	982.4	886.0	690.2	279.2	194.8	159.0	124.9	
6	81.9	73.0	155.7	501.4	969.4	994.1	882.3	679.4	274.6	192.7	158.1	123.3	
7	81.6	73.5	163.8	521.7	1017.9	1003.3	882.3	662.3	270.7	189.0	156.7	122.1	
8	81.3	74.6	176.6	534.9	952.7	1002.0	878.6	647.5	267.4	186.9	155.7	121.3	
9	80.7	73.5	191.1	555.0	917.1	991.5	873.7	630.9	260.4	186.3	154.8	120.5	
10	79.9	73.0	194.8	569.6	894.6	983.7	870.0	613.5	256.6	185.3	153.4	119.7	
11	78.7	73.8	199.6	577.4	886.0	978.5	867.6	600.3	252.8	184.3	152.0	119.7	
12	78.4	73.8	201.8	585.3	874.9	974.6	866.4	580.4	247.2	182.7	151.1	119.0	
13	78.4	73.3	216.4	593.3	867.6	969.4	861.5	560.8	242.3	181.7	149.7	117.4	
14	79.0	73.3	226.8	601.3	865.1	965.5	859.0	539.6	239.9	180.7	148.4	116.6	
15	80.1	74.3	231.5	599.3	863.9	961.7	856.6	525.5	236.9	179.1	147.0	115.5	
16	79.6	76.5	242.9	599.3	877.4	955.2	853.0	503.2	234.5	177.6	146.1	114.4	
17	79.6	78.7	246.6	603.3	876.1	950.1	848.2	485.1	232.1	176.6	144.8	113.6	
18	79.6	81.9	251.6	617.5	925.9	946.3	846.9	467.3	229.7	175.6	143.5	112.9	
19	78.7	84.5	259.8	653.8	969.4	942.4	845.7	449.0	226.2	174.6	142.2	112.1	
20	77.1	85.7	270.7	582.6	1031.2	941.2	843.3	434.5	221.5	173.1	140.8	111.7	
21	75.1	88.8	285.2	674.0	1032.5	938.6	897.1	420.3	216.9	172.1	140.0	111.0	
22	74.6	97.2	285.2	667.6	1025.8	933.5	826.6	406.3	214.7	171.1	138.7	111.0	
23	74.9	102.7	289.9	672.9	1009.9	927.2	819.5	392.5	211.8	170.1	137.4	110.3	
24	75.4	103.8	298.8	674.0	991.5	922.2	813.5	377.5	210.7	169.1	136.1	109.2	
25	76.2	102.7	300.9	680.4	977.2	919.6	806.5	365.8	209.0	169.1	135.2	108.1	
26		95.9	303.6	721.9	964.2	914.6	797.1	355.2	207.9	167.7	134.0	106.6	
27	76.0	105.9	314.1	717.5	959.1	910.9	790.1	345.4	205.7	166.7	133.1	105.9	
28	75.1	105.9	329.2	738.7	953.9	907.1	783.1	336.5	203.5	166.2	131.9	105.2	
29	75.1	114.7	338.7	744.3		904.6	772.8	327.7	201.8	164.7	130.6	104.5	
30	74.6	115.5	358.2	769.3		902.1	761.3	319.1	200.2	164.7	129.4	103.8	
31	73.8		380.6	797.1		897.1		311.3		163.8	128.6		

MEAN 78.5 84.8 238.2 604.7 926.6 950.4 848.7 514.2 241.1 179.1 146.0 115.6 407.4
 MAX. 82.8 115.5 380.6 797.1 1032.5 1003.3 897.1 748.8 304.3 199.1 163.3 127.7 1032.5
 MIN. 73.8 70.7 120.9 391.7 792.4 897.1 761.3 311.3 200.2 163.8 128.6 103.8 70.7

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^{2.2}$

[Flow Regime (m3/s)]:

Q(95day): 736.4 Q(185day): 231.5 Q(275day): 126.9 Q(355day): 73.5

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

HM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1971/72	[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
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QM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1971/72	[DISCHARGE (m3/sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	103.4	89.4	136.9	221.0	493.2	432.8	633.0	600.3	303.6	181.2	146.1	119.0		
2	102.4	88.3	138.2	238.7	482.4	440.5	631.9	597.3	294.7	178.5	145.2	118.6		
3	102.0	87.6	178.6	260.4	474.4	446.5	668.7	589.3	287.2	178.6	144.8	117.8		
4	101.0	85.4	169.6	261.0	464.7	449.0	657.0	582.3	279.2	177.1	143.5	117.0		
5	99.3	84.8	138.2	273.9	460.3	454.2	647.5	574.5	272.0	174.5	142.2	116.3		
6	98.9	85.7	133.1	291.3	467.3	458.6	640.2	566.6	266.2	173.3	141.3	117.4		
7	97.9	86.4	130.2	340.2	463.8	466.4	631.9	558.8	259.1	172.6	140.4	113.6		
8	97.2	89.1	128.6	325.6	467.3	467.3	630.9	550.2	254.7	172.1	139.5	111.7		
9	96.6	89.8	126.1	332.1	462.9	486.9	628.8	540.6	248.5	171.6	138.7	111.0		
10	95.2	85.1	124.9	348.4	457.7	530.2	627.8	530.2	243.6	170.6	136.9	110.6		
11	94.3	84.5	124.9	345.4	459.4	536.8	628.8	511.5	238.7	169.6	136.1	109.9		
12	93.3	84.2	125.7	393.3	455.1	534.9	627.8	549.2	235.1	167.7	135.7	109.5		
13	92.3	85.7	126.1	425.3	449.0	520.8	627.8	493.2	230.3	166.7	135.7	109.2		
14	91.7	87.0	128.6	414.5	443.0	513.4	627.8	486.0	226.8	166.2	134.8	108.8		
15	91.0	88.2	132.7	417.8	438.8	518.9	626.8	476.2	223.3	164.7	134.4	108.8		
16	91.3	89.8	132.7	417.8	435.4	529.2	627.8	466.4	220.4	163.3	133.1	108.1		
17	91.0	99.9	139.1	415.3	433.7	538.7	624.7	456.8	215.2	162.3	131.5	106.3		
18	90.4	99.6	140.8	420.3	433.7	552.1	624.7	443.2	211.8	161.4	130.6	104.8		
19	90.4	96.9	146.6	427.0	432.8	603.3	621.6	437.9	208.5	160.4	130.2	104.5		
20	90.1	94.6	147.5	503.2	436.2	595.3	621.6	428.6	205.7	159.5	129.0	103.8		
21	88.8	97.6	150.2	550.2	441.3	588.3	619.6	417.8	203.5	158.5	128.2	103.1		
22	79.6	101.3	153.4	546.3	445.6	584.3	617.5	406.3	200.2	157.1	127.3	102.7		
23	72.2	103.4	160.0	624.7	449.0	582.3	613.5	395.8	197.5	156.2	126.5	102.0		
24	72.0	105.2	168.1	553.0	439.6	580.4	611.4	384.6	195.9	154.8	125.7	99.9		
25	80.1	108.8	176.6	518.0	438.8	583.3	609.4	373.6	193.2	153.4	124.5	99.6		
26	89.4	113.6	183.2	494.1	439.6	588.3	614.5	362.0	192.1	152.5	124.5	98.2		
27	90.1	121.7	192.1	480.6	432.8	590.3	617.5	352.1	189.5	151.6	123.7	98.6		
28	90.4	126.5	193.2	477.1	432.0	592.3	612.5	341.7	185.8	149.7	122.9	97.6		
29	91.0	132.7	194.8	477.1	467.9	594.3	608.4	331.4	184.3	147.9	122.1	96.2		
30	90.4	136.9	202.4	482.4		599.3	604.3	322.0	181.7	147.9	121.3	94.9		
31	90.1		214.1	495.9		597.3		312.0		146.6	120.1			

MEAN 91.7 97.7 152.8 412.0 451.7 534.1 626.2 465.9 228.3 163.5 132.8 107.3 288.0
 MAX. 103.4 136.9 214.1 624.7 493.2 603.3 668.7 600.3 303.6 181.2 146.1 119.0 668.7
 MIN. 72.0 84.2 124.9 221.0 432.0 432.8 604.3 312.0 181.7 146.6 120.1 94.9 72.0

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 458.6 Q(185day): 185.8 Q(275day): 122.9 Q(355day): 85.7

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1972/73 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1972/73 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	93.9	79.3	73.5	111.0	163.3	264.2	279.9	173.6	103.4	87.3	77.6	68.7	
2	93.3	77.6	72.8	111.7	164.3	271.3	269.4	171.1	102.4	87.0	76.8	68.2	
3	92.3	77.1	73.0	111.7	162.8	277.2	268.1	167.7	100.6	86.7	76.5	68.2	
4	91.3	76.8	73.0	111.0	160.0	284.5	259.8	165.7	99.6	85.7	76.8	67.4	
5	90.7	77.6	73.0	111.0	157.6	290.6	254.7	165.2	98.2	85.7	76.8	66.7	
6	89.8	78.2	73.3	110.6	156.2	296.0	251.0	160.0	97.2	85.1	76.5	66.2	
7	89.4	78.4	74.9	111.0	154.8	303.6	246.6	159.0	96.9	85.1	76.2	66.2	
8	89.4	80.7	74.3	115.5	156.2	311.3	242.9	155.3	96.2	84.8	75.7	66.0	
9	96.6	88.2	74.6	114.0	154.8	313.4	241.7	155.3	94.9	84.5	75.4	65.5	
10	91.7	85.4	74.9	118.2	154.3	317.0	236.9	161.4	93.9	83.9	75.4	65.8	
11	90.7	81.9	75.7	119.7	154.3	321.3	229.7	160.9	93.6	82.8	75.1	65.3	
12	89.8	80.1	78.2	122.1	152.9	324.1	224.4	153.4	93.0	82.5	75.1	65.3	
13	88.2	79.6	79.9	120.5	152.9	328.5	218.1	146.1	92.3	82.5	74.9	64.4	
14	87.3	79.0	80.1	119.0	161.4	329.9	214.1	143.0	91.0	82.5	74.9	64.1	
15	86.4	78.7	80.1	122.9	166.2	330.6	211.3	140.8	90.7	81.9	74.6	63.2	
16	86.7	77.9	80.1	123.7	167.2	328.5	206.2	138.7	90.4	81.3	73.5	63.4	
17	86.4	77.3	85.7	126.5	170.1	327.7	201.8	134.8	90.4	81.3	72.8	63.9	
18	85.1	77.1	84.5	129.0	175.1	324.8	198.6	134.4	89.8	81.0	73.0	63.9	
19	84.5	77.1	87.3	131.5	185.3	322.0	194.3	132.7	89.4	81.0	73.0	64.1	
20	84.2	77.3	90.1	135.2	188.4	320.5	191.6	128.6	89.1	80.7	72.5	62.8	
21	83.6	77.9	90.4	139.5	194.3	319.1	189.5	129.8	88.2	80.1	71.5	61.9	
22	83.4	78.2	90.7	143.5	198.6	319.1	188.4	126.1	89.4	79.6	71.2	61.2	
23	82.8	77.9	90.7	147.9	204.0	317.7	186.9	123.3	90.1	80.1	72.8	61.0	
24	82.2	77.3	92.0	152.9	210.7	317.7	186.3	121.7	87.6	79.7	72.0	60.8	
25	83.9	76.8	93.6	160.0	219.2	313.4	185.3	119.7	87.9	79.3	70.7	60.8	
26	83.9	79.3	94.3	163.3	230.9	309.2	183.7	116.3	87.3	79.0	69.9	60.8	
27	83.6	76.8	99.9	165.2	238.7	305.0	182.2	115.1	87.3	79.0	69.7	60.6	
28	83.1	76.2	101.3	167.7	257.9	300.9	180.7	113.6	87.0	78.4	69.7	60.6	
29	82.2	76.0	104.5	169.1		296.0	176.6	109.2	87.0	78.4	69.4	61.6	
30	81.0	75.1	107.3	169.6		288.6	176.1	107.3	87.0	79.0	68.9	61.6	
31	80.4		108.8	166.2		285.9		105.5		78.7	68.4		

MEAN 87.0 78.6 84.9 132.9 179.0 308.4 215.9 139.8 92.4 82.1 73.5 64.0 128.0
 MAX. 96.6 88.2 108.8 169.6 257.9 330.6 279.9 173.6 103.4 87.3 77.6 68.7 330.6
 MIN. 80.4 75.1 72.8 110.6 152.9 264.2 176.1 105.5 87.0 78.4 68.4 60.6 60.6

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 160.0 Q(185day): 90.4 Q(275day): 78.2 Q(355day): 62.8

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

HM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1973/74		[WATER LEVEL (m)]	
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	1.58	1.51	1.74	2.02	3.08	3.85	3.26	2.90	2.37	2.05	1.94	1.83				
2	1.58	1.52	1.73	2.03	3.23	3.83	3.28	2.87	2.36	2.05	1.93	1.82				
3	1.58	1.52	1.71	2.04	3.56	3.85	3.30	2.85	2.34	2.04	1.93	1.82				
4	1.58	1.53	1.69	2.10	3.97	3.83	3.36	2.82	2.33	2.04	1.93	1.82				
5	1.58	1.54	1.68	2.17	3.92	3.72	3.43	2.80	2.32	2.04	1.93	1.83				
6	1.58	1.54	1.68	2.42	3.79	3.61	3.44	2.77	2.30	2.03	1.92	1.82				
7	1.57	1.56	1.69	2.45	3.98	3.54	3.43	2.75	2.29	2.04	1.92	1.82				
8	1.56	1.57	1.71	2.53	4.17	3.53	3.41	2.73	2.27	2.03	1.91	1.81				
9	1.56	1.59	1.74	2.43	4.18	3.56	3.39	2.71	2.26	2.02	1.91	1.80				
10	1.55	1.61	1.76	2.45	4.04	3.61	3.36	2.69	2.24	2.02	1.91	1.80				
11	1.55	1.62	1.80	2.60	3.94	3.70	3.32	2.66	2.23	2.02	1.91	1.79				
12	1.55	1.63	1.80	2.68	3.94	3.75	3.29	2.64	2.22	2.01	1.90	1.79				
13	1.55	1.64	1.80	2.83	3.90	3.72	3.27	2.61	2.20	2.01	1.90	1.78				
14	1.54	1.63	1.84	2.90	3.80	3.68	3.24	2.59	2.19	2.01	1.90	1.77				
15	1.54	1.63	1.83	2.84	3.84	3.60	3.23	2.56	2.17	2.01	1.90	1.77				
16	1.53	1.62	1.83	2.78	3.85	3.52	3.20	2.54	2.16	2.00	1.89	1.76				
17	1.54	1.62	1.89	2.69	3.80	3.48	3.19	2.53	2.15	2.00	1.88	1.76				
18	1.54	1.62	1.91	2.61	3.75	3.47	3.17	2.51	2.14	1.99	1.88	1.76				
19	1.54	1.62	1.89	2.60	3.62	3.50	3.17	2.49	2.13	1.99	1.87	1.76				
20	1.54	1.62	1.88	2.59	3.82	3.53	3.13	2.47	2.12	1.98	1.87	1.75				
21	1.53	1.62	1.87	2.58	4.05	3.53	3.11	2.46	2.11	1.98	1.87	1.75				
22	1.53	1.62	1.91	2.74	4.75	3.52	3.08	2.44	2.10	1.98	1.86	1.74				
23	1.53	1.62	2.03	2.89	4.74	3.48	3.06	2.44	2.10	1.97	1.86	1.74				
24	1.53	1.62	2.06	2.78	4.54	3.45	3.03	2.43	2.09	1.97	1.86	1.73				
25	1.52	1.63	2.06	2.76	4.21	3.43	3.02	2.42	2.08	1.97	1.85	1.73				
26	1.52	1.65	2.12	2.81	4.12	3.39	3.00	2.41	2.08	1.97	1.85	1.72				
27	1.51	1.66	2.31	2.76	3.88	3.35	2.98	2.41	2.07	1.97	1.85	1.71				
28	1.51	1.68	2.33	2.89	3.93	3.33	2.96	2.40	2.07	1.96	1.84	1.71				
29	1.51	1.68	2.26	3.08		3.29	2.94	2.40	2.06	1.95	1.83	1.68				
30	1.52	1.69	2.13	3.13		3.29	2.92	2.38	2.06	1.94	1.83	1.70				
31	1.51		2.07	3.08		3.26		2.38		1.94	1.83					
MEAN	1.54	1.61	1.90	2.62	3.94	3.55	3.20	2.58	2.19	2.00	1.89	1.77	2.39			
MAX.	1.58	1.69	2.33	3.13	4.75	3.85	3.44	2.90	2.37	2.05	1.94	1.83	4.75			
MIN.	1.51	1.51	1.68	2.02	3.08	3.26	2.92	2.38	2.06	1.94	1.83	1.68	1.51			

QM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1973/74		[DISCHARGE (m3/sec)]	
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	45.1	36.9	70.8	130.5	506.8	937.5	597.1	425.3	226.4	137.2	110.2	87.3				
2	45.5	37.7	69.2	131.3	581.5	921.9	604.9	413.4	223.5	136.5	109.5	86.1				
3	46.0	38.1	65.5	134.2	758.6	935.5	619.2	403.1	218.7	135.0	103.8	85.5				
4	46.4	39.3	61.9	149.5	1015.6	925.8	646.6	392.9	215.9	134.2	108.2	86.7				
5	46.0	39.7	60.9	168.9	985.2	853.2	688.0	382.8	211.2	133.5	108.2	87.3				
6	45.1	40.1	61.4	242.1	900.6	787.1	693.0	370.3	205.7	132.8	107.5	86.1				
7	44.2	42.6	63.4	252.2	1021.7	748.0	686.3	361.7	201.1	133.5	106.2	85.5				
8	43.4	43.8	65.5	281.5	1154.9	742.8	677.9	354.5	196.6	132.0	105.5	84.3				
9	42.6	47.3	71.9	246.1	1161.4	760.4	663.0	348.5	192.1	130.5	104.9	83.1				
10	42.1	49.5	75.7	254.2	1063.1	787.1	646.6	341.3	189.6	129.1	105.5	81.4				
11	41.7	50.9	82.0	305.6	999.3	845.7	627.2	329.6	183.3	129.1	103.6	80.3				
12	41.3	53.2	83.1	335.4	997.3	973.9	612.8	319.2	180.7	128.4	102.9	79.7				
13	41.3	54.1	82.0	398.0	973.2	858.8	600.2	307.8	175.6	127.6	102.9	79.1				
14	40.5	53.6	90.3	426.6	908.3	829.0	587.7	302.3	173.1	127.6	102.3	77.4				
15	39.7	52.7	87.9	401.8	929.7	783.5	580.0	292.3	169.9	126.2	101.6	76.8				
16	39.3	52.2	89.1	376.5	935.5	737.6	566.1	283.6	166.4	125.5	101.0	75.7				
17	40.5	51.8	101.0	340.1	904.4	716.8	561.6	279.3	163.9	124.0	99.0	74.6				
18	40.1	51.8	104.2	309.0	872.0	708.3	552.5	271.9	160.7	123.3	98.4	74.6				
19	40.1	51.3	101.0	304.5	797.9	727.2	552.5	265.6	158.2	121.9	96.5	74.1				
20	39.7	51.3	98.4	303.4	916.0	742.8	531.6	259.3	155.8	121.2	95.9	73.5				
21	39.3	51.3	97.1	300.0	1073.6	744.5	519.9	255.2	151.9	120.5	95.2	72.4				
22	38.9	51.3	104.2	359.3	1605.7	739.3	508.2	251.1	150.3	119.8	94.6	71.3				
23	38.9	50.9	131.3	420.0	1600.6	713.4	498.2	250.1	148.7	118.4	94.0	70.8				
24	38.5	51.3	139.5	374.0	1431.0	699.8	485.4	247.1	147.2	117.7	93.4	70.3				
25	38.1	53.2	140.2	365.4	1181.1	684.6	478.4	243.1	145.6	117.0	92.8	68.7				
26	37.7	56.0	155.8	387.8	1120.3	663.0	468.6	240.1	144.1	117.0	92.1	67.6				
27	36.5	58.0	207.5	369.1	959.2	645.0	461.7	239.1	142.5	117.0	91.5	66.5				
28	36.1	60.4	214.0	422.6	989.2	630.4	452.1	238.1	141.8	114.9	89.7	65.5				
29	36.1	60.9	192.1	506.8		614.4	442.6	235.2	140.2	113.6	89.1	61.4				
30	37.7	61.9	156.6	533.1		609.6	434.6	231.2	138.7	112.2	88.5	64.0				
31	36.1		141.0	508.2		598.6		229.3		110.8	87.9					
MEAN	40.8	49.8	105.3	323.8	1012.3	760.2	568.1	302.1	173.9	124.8	99.6	76.6	298.2			
MAX.	46.4	61.9	214.0	533.1	1605.7	937.5	693.0	425.3	226.4	137.2	110.2	87.3	1605.7			
MIN.	36.1	36.9	60.9	130.5	506.8	598.6	434.6	229.3	138.7	110.8	87.9	61.4	36.1			

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 422.6 Q(185day): 139.5 Q(275day): 80.3 Q(355day): 38.5

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

HM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1974/75											[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.69	1.58	1.73	3.00	3.56	3.77	3.78	3.23	2.44	2.12	1.97	1.88		
2	1.69	1.58	1.74	3.15	3.56	3.79	3.72	3.22	2.43	2.11	1.97	1.88		
3	1.69	1.57	1.76	3.28	3.52	3.76	3.67	3.20	2.40	2.11	1.97	1.88		
4	1.68	1.57	1.90	3.37	3.59	3.78	3.64	3.18	2.38	2.10	1.96	1.87		
5	1.68	1.56	1.84	3.55	3.63	4.07	3.62	3.17	2.37	2.09	1.96	1.87		
6	1.67	1.56	1.84	3.69	3.61	3.99	3.60	3.15	2.36	2.08	1.96	1.87		
7	1.67	1.56	1.85	3.63	3.55	4.04	3.58	3.13	2.33	2.08	1.96	1.86		
8	1.66	1.56	1.87	3.68	3.49	4.03	3.57	3.12	2.32	2.08	1.95	1.86		
9	1.66	1.56	1.88	3.77	3.48	4.05	3.57	3.09	2.31	2.07	1.95	1.86		
10	1.66	1.56	1.95	3.69	3.47	4.06	3.56	3.08	2.30	2.07	1.94	1.85		
11	1.65	1.55	2.03	3.56	3.41	3.90	3.55	3.05	2.29	2.06	1.94	1.85		
12	1.65	1.55	2.08	3.43	3.37	3.95	3.53	3.03	2.28	2.06	1.94	1.84		
13	1.65	1.56	2.19	3.32	3.33	3.92	3.51	3.01	2.26	2.05	1.94	1.84		
14	1.64	1.55	2.17	3.27	3.29	3.84	3.49	2.98	2.26	2.05	1.94	1.84		
15	1.64	1.55	2.19	3.25	3.27	3.79	3.47	2.95	2.25	2.05	1.93	1.83		
16	1.63	1.55	2.27	3.23	3.28	3.80	3.45	2.92	2.24	2.05	1.94	1.82		
17	1.63	1.55	2.37	3.29	3.29	3.76	3.44	2.89	2.23	2.04	1.93	1.82		
18	1.62	1.56	2.41	3.35	3.26	3.72	3.43	2.86	2.23	2.03	1.92	1.82		
19	1.62	1.57	2.38	3.40	3.26	3.69	3.42	2.82	2.22	2.03	1.92	1.81		
20	1.62	1.59	2.37	3.54	3.25	3.80	3.40	2.78	2.21	2.02	1.92	1.81		
21	1.62	1.58	2.37	3.82	3.24	3.87	3.39	2.75	2.20	2.02	1.91	1.81		
22	1.62	1.59	2.46	3.93	3.23	3.68	3.38	2.71	2.19	2.01	1.91	1.80		
23	1.62	1.59	2.67	3.93	3.24	4.08	3.36	2.68	2.19	2.01	1.91	1.80		
24	1.61	1.65	2.66	3.96	3.23	4.10	3.35	2.65	2.17	2.01	1.91	1.79		
25	1.61	1.63	2.62	4.09	3.34	4.12	3.33	2.62	2.15	2.00	1.91	1.78		
26	1.61	1.62	2.66	4.15	3.11	4.23	3.32	2.59	2.15	2.00	1.90	1.78		
27	1.60	1.62	2.59	4.11	3.58	4.27	3.30	2.56	2.14	1.99	1.90	1.78		
28	1.60	1.64	2.70	3.94	3.67	4.21	3.28	2.53	2.14	1.99	1.90	1.77		
29	1.60	1.66	2.78	3.79		4.11	3.26	2.51	2.13	1.98	1.89	1.76		
30	1.59	1.67	2.83	3.67		3.96	3.25	2.49	2.12	1.98	1.89	1.76		
31	1.58		2.94	3.59		3.87		2.47		1.98	1.89			
MEAN	1.64	1.58	2.26	3.59	3.40	3.94	3.47	2.88	2.26	2.04	1.93	1.83	2.56	
MAX.	1.69	1.67	2.94	4.15	3.67	4.27	3.78	3.23	2.44	2.12	1.97	1.88	4.27	
MIN.	1.58	1.55	1.73	3.00	3.11	3.68	3.25	2.47	2.12	1.98	1.89	1.76	1.55	

QM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1974/75											[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	63.4	46.0	69.7	468.6	760.4	889.1	891.0	581.5	251.1	154.2	118.4	99.0		
2	62.9	45.1	71.9	543.5	762.1	896.8	853.2	573.8	245.1	152.6	117.0	98.4		
3	61.9	44.2	74.6	608.1	739.3	879.6	827.2	566.1	238.1	151.1	117.0	97.8		
4	60.9	43.8	82.0	656.4	776.4	892.9	807.0	557.0	230.3	148.7	116.3	97.1		
5	60.4	43.4	90.3	755.1	801.6	1082.0	794.3	549.5	226.4	147.2	115.6	95.9		
6	59.4	43.4	90.9	836.4	790.7	1032.0	781.7	540.5	222.6	145.5	115.6	95.2		
7	58.9	43.0	92.1	799.7	755.1	1061.0	772.8	533.1	215.9	144.1	114.9	94.6		
8	58.4	43.0	95.2	832.7	720.3	1094.7	767.5	524.3	212.2	143.3	113.6	94.0		
9	58.0	42.6	99.0	885.3	713.4	1073.6	765.7	514.0	208.4	142.5	112.9	93.4		
10	57.0	42.6	113.6	938.3	706.6	1077.8	762.1	505.4	203.8	141.8	112.2	92.1		
11	56.5	42.1	132.0	762.1	674.6	967.2	753.3	495.3	202.0	140.2	111.5	91.5		
12	56.0	42.1	145.6	684.6	654.8	1005.4	744.5	484.0	198.4	138.7	111.5	90.9		
13	55.5	42.6	172.2	628.8	633.6	985.2	734.1	472.8	194.8	138.0	110.8	90.3		
14	55.1	42.1	168.1	601.8	609.6	929.7	720.3	460.3	193.0	137.2	110.2	89.7		
15	54.1	41.7	173.1	590.8	603.3	902.5	710.0	448.0	189.5	136.5	109.5	87.9		
16	53.2	41.3	196.6	581.5	608.1	904.4	698.1	433.2	186.8	135.7	112.2	86.7		
17	52.7	42.1	225.4	612.8	609.6	883.4	689.6	422.6	185.1	134.2	108.2	86.1		
18	52.2	43.4	241.1	641.7	597.1	855.0	684.6	409.5	183.3	132.8	107.5	85.5		
19	51.3	44.2	229.3	672.9	597.1	836.4	679.6	392.9	180.7	131.3	106.8	84.9		
20	51.3	46.8	227.4	748.0	589.2	906.4	672.9	376.5	178.2	130.5	106.2	84.3		
21	50.9	46.4	226.4	918.0	586.1	949.3	666.3	364.2	176.5	129.8	105.5	83.7		
22	51.3	46.8	257.3	989.2	580.0	829.0	659.7	348.5	173.9	128.4	104.9	82.0		
23	51.8	47.3	331.9	991.2	587.7	1088.3	651.5	336.6	172.2	126.9	104.9	81.4		
24	50.0	56.0	328.4	1009.5	606.5	1103.2	643.3	322.6	168.1	126.2	104.2	79.7		
25	49.5	53.2	313.5	1096.8	638.5	1122.4	635.2	311.2	163.9	124.8	103.6	79.1		
26	49.5	52.2	327.3	1141.8	521.3	1196.6	625.6	301.1	162.3	124.0	102.9	78.5		
27	48.6	51.8	301.1	1111.7	774.6	1225.6	617.6	290.1	159.9	123.3	102.3	78.0		
28	49.1	55.1	342.5	997.3	823.5	1181.1	608.1	280.4	159.0	122.6	101.6	76.8		
29	48.2	58.4	375.3	900.6		1113.8	598.6	272.9	157.4	121.2	101.0	75.7		
30	47.3	59.4	394.1	825.3		1011.5	590.8	265.6	155.8	120.5	100.3	75.2		
31	46.4		441.3	776.4		949.3		259.3		119.8	99.7			
MEAN	54.3	46.4	207.4	790.5	672.2	997.6	713.5	425.6	193.2	135.3	109.0	87.5	368.1	
MAX.	63.4	59.4	441.3	1141.8	823.5	1225.6	891.0	581.5	251.1	154.2	118.4	99.0	1225.6	
MIN.	46.4	41.3	69.7	468.6	521.3	829.0	590.8	259.3	155.8	119.8	99.7	75.2	41.3	

[Discharge Rating Curve]: Q=110.511*(H-0.937)²

[Flow Regime (m3/s)]:

Q(95day): 633.6 Q(185day): 183.3 Q(275day): 94.0 Q(355day): 43.0

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1975/76 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.76	1.66	1.66	2.17	3.87	3.64	4.15	3.91	3.40	2.62	2.30	2.12	
2	1.75	1.66	1.66	2.15	4.31	3.54	4.04	3.91	3.39	2.61	2.29	2.11	
3	1.75	1.65	1.65	2.15	4.41	3.54	3.96	3.89	3.36	2.60	2.29	2.11	
4	1.75	1.65	1.71	2.15	4.31	3.67	3.94	3.87	3.34	2.58	2.27	2.10	
5	1.74	1.65	1.71	2.16	4.23	3.83	3.93	3.87	3.32	2.56	2.27	2.10	
6	1.74	1.65	1.73	2.20	4.01	3.95	3.94	3.88	3.31	2.54	2.26	2.09	
7	1.74	1.65	1.74	2.23	3.77	3.97	4.00	3.89	3.29	2.53	2.26	2.08	
8	1.73	1.65	1.73	2.26	3.63	3.92	4.12	3.89	3.26	2.51	2.25	2.08	
9	1.73	1.65	1.75	2.28	3.50	4.01	4.22	3.89	3.23	2.50	2.25	2.07	
10	1.73	1.64	1.73	2.35	3.39	4.08	4.35	3.86	3.22	2.49	2.24	2.07	
11	1.72	1.64	1.73	2.40	3.30	4.21	4.46	3.84	3.19	2.47	2.23	2.07	
12	1.71	1.63	1.73	2.50	3.23	4.25	4.55	3.81	3.17	2.47	2.22	2.06	
13	1.71	1.63	1.76	2.61	3.40	4.15	4.70	3.79	3.14	2.45	2.22	2.06	
14	1.71	1.62	1.80	2.77	3.42	3.98	4.85	3.77	3.12	2.44	2.21	2.06	
15	1.70	1.62	1.81	2.82	3.42	3.91	5.03	3.75	3.10	2.43	2.21	2.05	
16	1.70	1.62	1.88	2.86	3.37	3.83	5.16	3.72	3.07	2.43	2.20	2.05	
17	1.69	1.62	1.92	2.91	3.36	3.82	5.02	3.70	3.04	2.41	2.19	2.04	
18	1.69	1.61	1.96	2.97	3.32	3.77	4.74	3.68	3.01	2.40	2.19	2.03	
19	1.69	1.61	1.95	2.91	3.27	3.73	4.51	3.66	2.97	2.40	2.19	2.02	
20	1.68	1.61	1.96	2.87	3.23	3.72	4.34	3.65	2.94	2.38	2.17	2.02	
21	1.69	1.61	2.03	2.87	3.22	3.72	4.23	3.62	2.91	2.39	2.17	2.01	
22	1.69	1.61	2.09	2.89	3.28	3.73	4.17	3.61	2.89	2.37	2.16	2.01	
23	1.69	1.62	2.04	2.91	3.38	3.93	4.15	3.59	2.86	2.37	2.16	2.01	
24	1.69	1.61	2.02	2.95	3.51	3.99	4.07	3.57	2.83	2.35	2.16	2.00	
25	1.68	1.61	2.06	2.96	3.67	4.13	4.04	3.54	2.80	2.35	2.15	2.00	
26	1.68	1.61	2.10	2.98	3.80	4.24	4.03	3.52	2.78	2.34	2.15	2.00	
27	1.67	1.63	2.14	2.94	3.83	4.35	4.01	3.51	2.76	2.33	2.15	2.00	
28	1.69	1.63	2.18	3.05	3.77	4.38	3.96	3.48	2.71	2.32	2.15	1.99	
29	1.68	1.63	2.19	3.18	3.58	4.37	3.95	3.47	2.68	2.32	2.14	1.99	
30	1.67	1.64	2.19	3.21		4.35	3.93	3.46	2.64	2.31	2.13	1.99	
31	1.66		2.19	3.41		4.26		3.42		2.31	2.12		
MEAN	1.71	1.63	1.90	2.68	3.62	3.97	4.28	3.71	3.06	2.44	2.21	2.05	2.77
MAX.	1.76	1.66	2.19	3.41	4.41	4.38	5.15	3.91	3.40	2.62	2.30	2.12	5.15
MIN.	1.66	1.61	1.65	2.15	3.22	3.54	3.93	3.42	2.64	2.31	2.12	1.99	1.61

QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1975/76 [DISCHARGE (m³/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	74.6	57.5	57.0	168.9	949.3	808.8	1137.5	975.2	672.9	312.4	204.8	153.4	
2	73.5	57.0	57.0	163.9	1254.9	751.6	1067.3	977.2	659.7	310.1	202.9	152.6	
3	73.0	56.5	56.5	162.3	1331.0	746.3	1007.4	961.2	646.6	304.5	201.1	151.1	
4	72.4	56.5	66.5	162.3	1254.9	827.2	997.3	951.3	638.5	297.8	197.5	150.3	
5	71.9	56.5	66.0	165.6	1196.6	923.8	987.2	949.3	628.8	290.1	196.6	149.5	
6	71.3	56.5	69.2	176.5	1040.2	1005.4	997.3	957.2	622.4	282.5	194.8	147.2	
7	70.8	56.5	70.8	186.0	885.3	1017.6	1038.2	965.2	611.2	279.3	193.0	144.8	
8	70.3	56.0	69.2	192.1	801.6	981.2	1118.1	961.2	597.1	271.9	191.2	143.3	
9	69.2	55.5	72.4	198.4	727.2	1042.3	1192.2	961.2	581.5	268.7	189.5	142.5	
10	68.7	54.6	69.7	219.7	664.6	1090.4	1289.2	947.3	575.9	265.6	186.8	141.8	
11	67.6	54.1	69.7	236.1	616.0	1181.1	1368.6	929.7	563.1	260.4	185.1	141.0	
12	66.5	53.6	69.2	268.7	583.0	1212.2	1443.1	912.2	549.5	259.3	182.5	139.5	
13	66.0	52.7	75.2	307.8	667.9	1139.7	1562.3	900.6	535.1	253.2	180.7	139.5	
14	65.5	52.2	82.0	370.3	681.3	1021.7	1694.2	887.2	524.3	248.1	179.9	138.7	
15	64.5	51.8	84.3	391.6	682.9	975.2	1853.4	872.0	515.5	247.1	179.0	137.2	
16	64.0	52.2	99.0	408.2	656.4	925.8	1971.1	858.8	501.0	245.1	177.3	135.7	
17	63.4	51.3	107.5	429.2	646.6	918.0	1842.4	843.8	486.8	240.1	174.8	135.0	
18	62.9	50.4	115.6	456.2	625.6	885.3	1595.4	832.7	472.8	238.1	173.9	132.8	
19	62.4	50.0	114.2	431.9	600.2	860.7	1411.6	819.8	457.6	235.2	172.2	130.5	
20	60.4	50.0	116.3	413.4	581.5	853.2	1282.3	810.7	445.3	230.3	168.9	129.8	
21	61.9	49.5	132.8	413.4	578.4	856.9	1198.8	797.9	431.9	229.3	167.2	129.4	
22	62.9	50.4	147.2	420.0	604.9	862.5	1154.9	788.9	421.3	228.3	166.4	127.6	
23	62.9	51.3	135.0	430.6	658.0	989.2	1137.5	776.4	407.0	226.4	165.6	126.2	
24	62.4	50.0	130.5	449.4	732.4	1027.9	1082.0	765.7	395.4	221.6	164.8	125.5	
25	60.9	49.5	139.5	453.5	823.5	1126.7	1061.0	749.8	384.0	219.7	163.9	124.8	
26	60.4	49.5	148.7	463.1	904.4	1205.5	1056.8	739.3	374.0	217.8	163.1	124.8	
27	59.4	53.2	159.9	445.3	927.7	1286.9	1044.4	728.9	365.4	213.1	162.3	124.0	
28	61.9	53.2	169.7	492.5	885.3	1310.0	1011.5	713.4	347.3	212.2	161.5	123.3	
29	60.4	52.7	173.9	557.0	830.8	1305.4	1003.4	710.0	335.4	210.3	159.9	123.3	
30	58.9	55.1	174.8	569.2		1289.2	987.2	704.9	321.5	209.4	158.2	122.6	
31	57.5		173.1	677.9		1223.4		679.6		208.4	155.8		
MEAN	65.4	53.2	105.6	351.0	806.6	1021.0	1253.1	852.5	502.3	249.6	178.1	136.2	462.5
MAX.	74.6	57.5	174.8	677.9	1331.0	1310.0	1971.1	977.2	672.9	312.4	204.8	153.4	1971.1
MIN.	57.5	49.5	56.5	162.3	578.4	746.3	987.2	679.6	321.5	208.4	155.8	122.6	49.5

[Discharge Rating Curve]: Q=110.511*(H-0.937)²

[Flow Regime (m³/s)]:

Q(185day): 248.1 Q(275day): 129.8 Q(355day): 52.2

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

HM		ST.: 4-669 KAFUE HOOK BRIDGE											YEAR : 1976/77		[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	1.99	1.86	1.89	2.21	2.60	2.96	3.64	3.32	2.59	2.20	2.07	1.98				
2	2.00	1.85	1.89	2.22	2.62	2.06	3.64	3.30	2.56	2.19	2.07	1.97				
3	1.99	1.86	1.88	2.23	2.68	3.09	3.63	3.29	2.53	2.19	2.06	1.97				
4	1.98	1.87	1.88	2.24	2.68	3.01	3.62	3.27	2.50	2.19	2.06	1.96				
5	1.99	1.88	1.88	2.26	2.67	3.24	3.60	3.25	2.48	2.18	2.06	1.96				
6	1.98	1.87	1.89	2.25	2.72	3.28	3.59	3.22	2.46	2.18	2.05	1.95				
7	1.98	1.87	1.89	2.25	2.68	3.29	3.58	3.21	2.44	2.17	2.05	1.94				
8	1.97	1.86	1.90	2.25	2.69	3.33	3.57	3.18	2.42	2.16	2.07	1.93				
9	1.97	1.86	1.91	2.24	2.72	3.38	3.56	3.16	2.41	2.16	2.07	1.93				
10	1.96	1.85	1.91	2.24	2.72	3.57	3.56	3.14	2.40	2.16	2.07	1.92				
11	1.96	1.86	1.90	2.24	2.79	3.59	3.55	3.12	2.38	2.15	2.07	1.91				
12	1.95	1.86	1.89	2.25	2.73	3.59	3.54	3.10	2.36	2.14	2.03	1.91				
13	1.95	1.85	1.88	2.28	2.72	3.55	3.53	3.08	2.35	2.14	2.03	1.90				
14	1.94	1.84	1.89	2.28	2.74	3.53	3.53	3.06	2.34	2.14	2.02	1.90				
15	1.93	1.84	1.90	2.30	2.75	3.49	3.52	3.03	2.33	2.13	2.02	1.89				
16	1.92	1.84	1.92	2.30	2.78	3.48	3.52	3.00	2.31	2.13	2.02	1.89				
17	1.91	1.84	1.90	2.36	2.80	3.49	3.52	2.97	2.30	2.12	2.02	1.88				
18	1.93	1.84	1.95	2.37	2.81	3.53	3.52	2.93	2.30	2.12	2.01	1.88				
19	1.92	1.83	1.95	2.39	2.82	3.55	3.51	2.92	2.29	2.12	2.01	1.87				
20	1.91	1.83	2.01	2.42	2.84	3.61	3.49	2.89	2.28	2.11	2.01	1.86				
21	1.91	1.83	2.06	2.43	2.85	3.66	3.47	2.89	2.27	2.11	2.01	1.85				
22	1.90	1.84	2.08	2.47	2.90	3.70	3.46	2.86	2.26	2.10	2.01	1.84				
23	1.89	1.84	2.09	2.48	2.89	3.70	3.45	2.82	2.26	2.10	2.00	1.84				
24	1.88	1.87	2.10	2.48	2.90	3.70	3.43	2.79	2.25	2.10	2.00	1.84				
25	1.88	1.88	2.11	2.49	2.90	3.70	3.42	2.76	2.24	2.10	2.00	1.84				
26	1.87	1.90	2.13	2.53	2.91	3.70	3.40	2.73	2.23	2.09	2.00	1.84				
27	1.87	1.90	2.15	2.58	2.92	3.67	3.38	2.70	2.22	2.09	2.00	1.84				
28	1.87	1.90	2.17	2.60	2.92	3.66	3.36	2.67	2.21	2.08	1.99	1.83				
29	1.87	1.90	2.19	2.62		3.65	3.35	2.64	2.20	2.08	1.99	1.83				
30	1.86	1.90	2.20	2.62		3.66	3.34	2.61	2.20	2.07	1.98	1.82				
31	1.86		2.20	2.61		3.66		2.60		2.07	1.98					
MEAN	1.93	1.86	1.99	2.37	2.78	3.45	3.51	2.98	2.35	2.13	2.03	1.89	2.44			
MAX.	2.00	1.90	2.20	2.62	2.92	3.70	3.64	3.32	2.59	2.20	2.07	1.98	3.79			
MIN.	1.86	1.83	1.88	2.21	2.60	2.06	3.34	2.60	2.20	2.07	1.98	1.82	1.82			

QM		ST.: 4-669 KAFUE HOOK BRIDGE											YEAR : 1976/77		[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	122.6	94.0	100.3	179.0	305.6	452.1	807.0	627.2	302.3	176.5	141.8	120.5				
2	124.8	92.1	100.3	181.6	313.5	139.5	807.0	617.6	291.2	173.9	141.8	117.7				
3	122.6	94.0	98.4	185.1	335.4	512.6	801.6	611.2	280.4	173.9	139.5	117.7				
4	121.2	96.5	98.4	187.7	335.4	475.6	796.1	601.8	269.8	173.9	139.5	115.6				
5	121.9	98.4	98.4	193.9	331.9	586.1	783.5	590.8	263.5	170.6	139.5	115.6				
6	121.2	96.5	100.3	190.4	350.9	606.5	778.1	575.3	256.2	170.6	137.2	113.6				
7	120.5	96.5	100.3	190.4	335.4	611.2	772.8	570.7	250.1	168.1	137.2	111.5				
8	117.7	94.0	102.3	190.4	340.1	633.6	765.7	555.5	243.1	165.6	141.8	108.8				
9	117.7	94.0	104.9	187.7	350.9	659.7	760.4	545.5	240.1	165.6	141.8	108.8				
10	115.6	92.1	104.9	187.7	350.9	765.7	760.4	536.1	236.1	165.6	141.8	106.8				
11	115.6	94.0	102.3	187.7	379.0	778.1	755.1	527.2	230.3	162.3	141.8	104.9				
12	113.6	94.0	100.3	190.4	355.7	778.1	748.0	516.9	223.5	159.9	132.0	104.9				
13	113.6	92.1	98.4	199.3	350.9	755.1	742.8	508.2	220.6	159.9	132.0	102.3				
14	111.5	90.3	100.3	199.3	359.3	742.8	742.8	498.2	217.8	159.9	129.8	102.3				
15	108.8	90.3	102.3	205.7	363.0	720.3	737.6	484.0	214.0	157.4	129.8	100.3				
16	106.8	90.3	106.8	205.7	375.3	715.1	737.6	470.0	208.4	157.4	129.8	100.3				
17	104.9	90.3	102.3	223.5	384.0	720.3	737.6	456.2	205.7	155.0	129.8	98.4				
18	103.8	90.3	113.6	227.4	387.8	742.8	737.6	438.6	205.7	155.0	126.9	98.4				
19	106.8	87.9	113.6	233.2	391.6	755.1	732.4	434.6	202.0	155.0	126.9	96.5				
20	104.9	87.9	126.9	243.1	400.5	788.9	715.1	421.3	199.3	151.9	126.9	94.0				
21	104.9	87.9	139.5	246.1	404.4	819.8	710.0	421.3	196.6	151.9	126.9	92.1				
22	102.3	90.3	144.1	259.3	425.3	843.8	703.2	408.2	193.9	149.5	126.9	90.3				
23	100.3	90.3	147.2	263.5	421.3	843.8	698.1	391.6	193.9	149.5	124.8	90.3				
24	98.4	96.5	149.5	263.5	425.3	843.8	686.3	379.0	190.4	149.5	124.8	90.3				
25	98.4	98.4	151.9	266.6	425.3	843.8	681.3	367.9	187.7	149.5	124.8	90.3				
26	96.5	102.3	157.4	280.4	430.6	843.8	671.3	355.7	185.1	147.2	124.8	90.3				
27	96.5	102.3	162.3	297.8	434.6	825.3	659.7	343.7	181.6	147.2	124.8	90.3				
28	96.5	102.3	168.1	305.6	434.6	819.8	648.2	331.9	179.0	144.1	122.6	87.9				
29	96.5	102.3	173.9	313.5		819.8	643.3	320.3	176.5	144.1	122.6	87.9				
30	94.0	102.3	176.5	313.5		819.8	638.5	309.0	176.5	141.8	122.6	86.1				
31	94.0		176.5	309.0		819.8		305.6		141.8	120.5					
MEAN	109.0	94.3	123.3	229.3	374.9	712.3	732.0	468.5	220.7	157.9	131.4	101.2	287.2			
MAX.	124.8	102.3	176.5	313.5	434.6	843.8	807.0	627.2	302.3	176.5	141.8	120.5	843.8			
MIN.	94.0	87.9	98.4	179.0	305.6	139.5	638.5	305.6	176.5	141.8	120.5	86.1	86.1			

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(3day): 384.0 Q(185day): 173.9 Q(275day): 113.6 Q(355day): 90.3

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR: 1977/78 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.82	1.68	1.75	2.96	3.94	5.06	5.19	5.22	4.12	3.31	2.74	2.45	
2	1.82	1.67	1.77	3.12	4.16	5.09	5.47	5.20	4.08	3.28	2.73	2.45	
3	1.81	1.67	1.79	3.10	4.29	5.11	5.67	5.16	4.04	3.25	2.72	2.45	
4	1.80	1.66	1.84	3.03	4.28	5.13	5.82	5.12	4.02	3.22	2.72	2.44	
5	1.79	1.66	1.87	3.00	4.25	5.23	5.91	5.08	3.99	3.19	2.72	2.43	
6	1.80	1.66	1.90	3.00	4.19	5.23	5.96	5.02	3.96	3.17	2.71	2.43	
7	1.80	1.67	1.98	2.98	4.10	5.09	5.98	4.94	3.94	3.15	2.70	2.41	
8	1.79	1.67	2.02	3.11	4.11	4.93	5.95	4.91	3.92	3.14	2.68	2.40	
9	1.79	1.66	2.06	3.28	4.10	4.82	5.88	4.82	3.89	3.09	2.67	2.40	
10	1.79	1.66	2.11	3.32	4.08	4.74	5.78	4.74	3.86	3.05	2.67	2.40	
11	1.78	1.65	2.13	3.50	4.10	4.73	5.68	4.33	3.83	3.03	2.66	2.39	
12	1.77	1.65	2.16	3.47	4.14	4.79	5.58	4.58	3.81	3.01	2.65	2.38	
13	1.76	1.65	2.17	3.43	4.15	4.90	5.41	4.52	3.79	3.00	2.64	2.37	
14	1.76	1.64	2.19	3.48	4.17	5.15	5.42	4.47	3.76	2.98	2.63	2.36	
15	1.75	1.64	2.23	3.50	3.99	5.40	5.34	4.44	3.75	2.96	2.62	2.35	
16	1.75	1.64	2.25	3.53	4.27	5.45	5.28	4.42	3.71	2.95	2.61	2.34	
17	1.74	1.64	2.26	3.78	4.28	5.36	5.23	4.39	3.69	2.94	2.60	2.33	
18	1.74	1.65	2.27	3.89	4.27	5.35	5.20	4.36	3.66	2.92	2.59	2.32	
19	1.73	1.66	2.28	3.97	4.24	5.35	5.16	4.33	3.63	2.90	2.58	2.32	
20	1.73	1.68	2.29	4.00	4.17	5.40	5.21	4.30	3.60	2.87	2.57	2.31	
21	1.72	1.67	2.32	3.95	4.13	5.45	5.22	4.28	3.58	2.85	2.56	2.31	
22	1.72	1.67	2.34	3.78	4.11	5.51	5.25	4.25	3.56	2.84	2.55	2.31	
23	1.71	1.67	2.43	3.71	4.30	5.57	5.32	4.23	3.53	2.84	2.54	2.30	
24	1.71	1.68	2.53	3.65	4.56	5.58	5.37	4.22	3.50	2.83	2.53	2.30	
25	1.70	1.70	2.54	3.63	4.86	5.52	5.35	4.22	3.47	2.83	2.52	2.29	
26	1.70	1.70	2.55	3.85	5.28	5.41	5.32	4.21	3.44	2.82	2.52	2.27	
27	1.70	1.70	2.61	3.83	5.70	5.30	5.27	4.19	3.41	2.81	2.51	2.26	
28	1.69	1.72	2.67	3.77	5.38	5.28	5.25	4.18	3.39	2.80	2.51	2.25	
29	1.69	1.73	2.71	3.75		5.23	5.22	4.16	3.37	2.78	2.50	2.24	
30	1.69	1.74	2.81	3.77		5.19	5.23	4.14	3.34	2.76	2.49	2.23	
31	1.68		2.88	3.83		5.18		4.13		2.75	2.48		
MEAN	1.75	1.67	2.25	3.52	4.34	5.21	5.46	4.54	3.72	2.98	2.61	2.35	3.36
MAX.	1.82	1.74	2.88	4.00	5.70	5.58	5.98	5.22	4.12	3.31	2.74	2.45	5.98
MIN.	1.68	1.64	1.75	2.96	3.94	4.73	5.16	4.13	3.34	2.75	2.43	2.23	1.64

QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR: 1977/78 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	86.1	60.9	73.0	452.1	997.3	1878.3	1999.6	2028.4	1120.3	622.4	359.3	256.2	
2	86.1	59.4	76.8	527.2	1148.3	1906.2	2272.0	2003.2	1092.6	606.5	355.7	253.2	
3	84.3	59.4	80.3	516.9	1243.6	1925.8	2474.8	1971.1	1065.2	590.8	350.9	253.2	
4	82.6	58.0	90.3	484.0	1234.6	1942.7	2636.8	1934.3	1050.6	575.3	350.9	250.1	
5	80.3	58.0	96.5	470.0	1212.2	2037.1	2733.1	1897.8	1029.9	561.6	350.9	246.1	
6	77.6	58.0	102.3	470.0	1170.1	2037.1	2787.0	1842.4	1009.5	551.0	347.3	246.1	
7	82.6	59.4	120.5	461.7	1105.3	1906.2	2910.7	1771.5	997.3	542.0	343.7	240.1	
8	80.3	59.4	129.8	521.3	1111.7	1763.5	2776.8	1744.7	983.2	536.1	335.4	235.1	
9	80.3	58.0	139.5	606.5	1105.3	1665.3	2599.7	1665.3	963.2	512.6	331.9	236.1	
10	78.5	58.0	151.9	627.2	1092.6	1598.0	2590.9	1598.0	943.4	493.9	331.9	236.1	
11	78.5	56.0	157.4	725.4	1105.3	1590.3	2487.6	1275.4	925.8	484.0	328.4	233.2	
12	76.8	56.0	165.6	710.0	1133.2	1641.8	2383.2	1457.6	912.2	475.6	323.8	230.3	
13	74.6	56.0	168.1	686.3	1141.8	1736.7	2211.3	1418.9	898.7	470.0	320.3	227.4	
14	74.6	54.6	173.9	715.1	1154.9	1962.5	2220.3	1380.5	881.5	461.7	316.9	223.5	
15	73.0	54.6	185.1	725.4	1027.9	2202.2	2142.5	1356.8	873.9	452.1	313.5	220.6	
16	73.0	54.6	190.4	742.8	1227.8	2250.6	2083.6	1340.3	849.4	448.0	309.0	217.8	
17	71.3	54.6	193.9	892.9	1234.6	2163.3	2037.1	1317.0	836.3	444.0	305.6	214.0	
18	71.3	56.0	196.6	963.2	1227.8	2151.4	2008.2	1296.1	819.8	434.6	302.3	211.2	
19	69.7	58.0	199.3	1017.6	1205.5	2151.4	1971.1	1273.2	801.6	425.3	297.8	211.2	
20	69.7	60.9	202.0	1036.1	1154.9	2202.2	2016.9	1250.4	783.5	413.4	294.5	208.4	
21	67.6	59.4	211.2	1003.4	1126.7	2250.6	2028.4	1234.6	772.8	404.4	291.2	208.4	
22	67.6	59.4	217.8	892.9	1111.7	2311.8	2057.3	1221.1	760.4	400.5	287.9	208.4	
23	66.0	59.4	246.1	849.4	1250.4	2373.9	2121.8	1198.8	742.8	400.5	283.6	205.7	
24	66.0	60.9	280.4	814.3	1450.4	2383.2	2172.3	1192.2	725.4	396.7	280.4	205.7	
25	64.5	64.5	293.6	801.6	1702.1	2321.1	2151.4	1192.2	710.0	396.7	277.2	199.3	
26	64.5	64.5	287.9	937.5	2083.6	2211.3	2121.8	1183.3	693.0	391.6	277.2	196.6	
27	64.5	64.5	309.0	925.8	2506.8	2104.1	2074.8	1170.1	676.2	387.8	274.0	193.9	
28	62.4	67.6	331.9	887.2	2181.2	2083.6	2057.3	1161.4	664.6	384.0	274.0	190.4	
29	62.4	69.7	347.3	873.9		2037.1	2028.4	1148.3	654.8	375.3	269.8	187.7	
30	62.4	71.3	387.8	887.2		1999.6	2037.1	1133.2	638.5	367.9	266.6	185.1	
31	60.9		417.4	925.8		1991.0		1126.7		363.0	263.5		
MEAN	73.1	59.7	200.4	746.8	1301.7	2025.2	2273.1	1445.2	862.6	463.5	310.2	221.1	827.8
MAX.	86.1	71.3	417.4	1036.1	2506.8	2383.2	2810.7	2028.4	1120.3	622.4	359.3	256.2	2810.7
MIN.	60.9	54.6	73.0	452.1	997.3	1590.3	1971.1	1126.7	638.5	363.0	263.5	185.1	54.6

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^{2.4}$

[Flow Regime (m3/s)]:

Q(95day): 1212.2 Q(185day): 512.6 Q(275day): 208.4 Q(355day): 58.0

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

HM ST.: 4-669 KAFUE HOOK BRIDGE

YEAR : 1978/79

[WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.22	2.08	2.31	3.02	3.60	3.75	5.10	4.21	3.48	2.78	2.50	2.29	
2	2.21	2.07	2.30	3.03	3.61	3.83	5.10	4.18	3.46	2.76	2.48	2.29	
3	2.20	2.07	2.30	3.06	3.59	3.85	5.11	4.15	3.44	2.75	2.48	2.28	
4	2.20	2.13	2.31	3.12	3.58	3.88	5.10	4.13	3.42	2.74	2.48	2.28	
5	2.19	2.17	2.31	3.26	3.56	3.90	5.08	4.10	3.39	2.73	2.47	2.27	
6	2.18	2.18	2.32	3.33	3.54	3.93	5.07	4.06	3.36	2.72	2.47	2.27	
7	2.17	2.21	2.33	3.30	3.53	3.94	5.06	4.02	3.34	2.70	2.46	2.26	
8	2.16	2.22	2.36	3.22	3.49	4.05	5.04	4.01	3.31	2.69	2.46	2.26	
9	2.16	2.24	2.38	3.22	3.45	4.09	5.02	3.99	3.28	2.68	2.45	2.25	
10	2.15	2.26	2.44	3.17	3.43	4.13	4.96	3.96	3.25	2.67	2.45	2.24	
11	2.15	2.27	2.49	3.16	3.43	4.17	4.92	3.93	3.22	2.66	2.44	2.23	
12	2.14	2.30	2.55	3.14	3.42	4.14	4.86	3.90	3.19	2.64	2.44	2.22	
13	2.13	2.36	2.59	3.15	3.41	4.11	4.80	3.87	3.16	2.64	2.43	2.21	
14	2.12	2.42	2.64	3.16	3.42	4.08	4.77	3.84	3.13	2.63	2.43	2.20	
15	2.11	2.43	2.67	3.16	3.42	4.05	4.73	3.82	3.10	2.62	2.42	2.19	
16	2.10	2.44	2.70	3.18	3.41	4.02	4.69	3.80	3.08	2.62	2.42	2.19	
17	2.10	2.40	2.74	3.16	3.40	4.02	4.66	3.78	3.06	2.61	2.41	2.18	
18	2.10	2.37	2.77	3.15	3.40	4.04	4.62	3.75	3.04	2.60	2.41	2.17	
19	2.08	2.35	2.76	3.16	3.44	4.08	4.59	3.74	3.01	2.58	2.40	2.16	
20	2.08	2.34	2.74	3.18	3.47	4.08	4.58	3.73	2.97	2.57	2.39	2.16	
21	2.07	2.33	2.74	3.21	3.49	4.17	4.52	3.72	2.94	2.57	2.38	2.15	
22	2.07	2.32	2.76	3.24	3.51	4.20	4.44	3.68	2.92	2.56	2.37	2.14	
23	2.06	2.32	2.77	3.31	3.53	4.25	4.39	3.66	2.89	2.55	2.36	2.14	
24	2.06	2.31	2.78	3.33	3.54	4.33	4.37	3.64	2.88	2.55	2.35	2.13	
25	2.06	2.30	2.81	3.35	3.56	4.45	4.34	3.63	2.87	2.54	2.34	2.13	
26	2.08	2.29	2.85	3.35	3.57	4.61	4.31	3.61	2.85	2.54	2.33	2.12	
27	2.09	2.28	2.93	3.05	3.64	4.75	4.29	3.59	2.83	2.53	2.33	2.11	
28	2.08	2.27	3.02	3.36	3.70	4.88	4.28	3.56	2.80	2.52	2.32	2.10	
29	2.07	2.31	3.04	3.39		5.02	4.26	3.53	2.80	2.51	2.31	2.09	
30	2.09	2.32	3.04	3.49		5.08	4.23	3.52	2.79	2.51	2.30	2.09	
31	2.09		3.03	3.57		5.11		3.51		2.50	2.30		
MEAN	2.12	2.28	2.64	3.23	3.51	4.23	4.71	3.83	3.11	2.62	2.41	2.19	3.07
MAX.	2.22	2.44	3.04	3.57	3.70	5.11	5.11	4.21	3.48	2.78	2.50	2.29	5.11
MIN.	2.06	2.07	2.30	3.02	3.40	3.76	4.23	3.51	2.79	2.50	2.30	2.09	2.06

QM ST.: 4-669 KAFUE HOOK BRIDGE

YEAR : 1978/79

[DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	181.6	144.1	208.4	479.8	783.5	881.5	1914.6	1183.3	715.1	375.3	269.8	202.0	
2	179.0	141.8	205.7	484.0	788.9	925.8	1914.6	1161.4	703.2	367.9	263.5	202.0	
3	176.5	141.8	205.7	498.2	778.1	937.5	1925.8	1141.8	693.0	363.0	263.5	199.3	
4	176.5	157.4	208.4	527.2	772.8	957.2	1914.6	1126.7	681.3	359.3	263.5	199.3	
5	173.9	168.1	208.4	597.1	750.4	971.2	1897.8	1105.3	664.6	355.7	259.3	196.6	
6	170.6	170.6	211.2	633.6	748.0	989.2	1886.6	1077.8	648.2	350.9	259.3	196.6	
7	168.1	179.0	214.0	617.6	742.8	997.3	1878.3	1050.6	638.5	347.7	256.2	193.9	
8	165.6	181.6	223.5	576.9	720.3	1071.5	1861.7	1044.4	622.4	340.1	256.2	193.9	
9	165.6	187.7	230.3	575.3	698.1	1098.9	1842.4	1029.9	606.5	335.4	253.2	190.4	
10	162.3	193.9	250.1	551.0	686.2	1126.7	1787.8	1009.5	597.1	331.9	253.2	187.7	
11	162.3	196.6	266.6	546.5	686.2	1154.9	1752.7	989.2	575.3	328.4	250.1	185.1	
12	159.9	205.7	287.9	536.1	681.3	1133.2	1702.1	971.2	561.6	320.3	250.1	181.6	
13	157.4	223.5	302.3	542.0	676.2	1111.7	1649.6	951.3	546.5	320.3	246.1	179.0	
14	155.0	243.1	320.3	546.5	681.3	1092.6	1623.7	931.6	531.6	316.9	246.1	176.5	
15	151.9	246.1	331.9	546.5	681.3	1071.5	1590.3	918.0	516.9	313.5	243.1	173.9	
16	149.5	250.1	343.7	555.5	676.2	1050.6	1557.3	906.4	508.2	313.5	243.1	173.9	
17	149.5	238.1	359.3	546.5	671.3	1050.6	1532.1	892.9	498.2	309.0	240.1	170.6	
18	149.5	227.4	371.6	542.0	671.3	1065.2	1499.7	873.9	488.2	305.6	240.1	168.1	
19	144.1	220.6	367.9	546.5	693.0	1092.6	1474.9	868.2	475.6	297.8	236.1	165.6	
20	144.1	217.8	350.3	555.5	710.0	1092.6	1467.6	862.5	456.2	294.5	233.2	165.6	
21	141.8	214.0	359.3	570.7	720.3	1154.9	1418.9	856.9	444.0	294.5	230.3	162.3	
22	141.8	211.2	367.9	586.1	732.4	1176.7	1356.8	830.8	434.6	291.2	227.4	159.9	
23	139.5	211.2	371.6	622.4	742.8	1212.2	1317.0	819.8	421.3	287.9	223.5	159.9	
24	139.5	208.4	375.3	633.6	748.0	1273.2	1303.1	807.0	417.4	287.9	220.6	157.4	
25	139.5	205.7	387.8	643.3	760.4	1363.9	1280.0	801.6	413.4	283.6	217.8	157.4	
26	144.1	202.0	404.4	643.3	765.7	1492.2	1257.2	788.9	404.4	283.6	214.0	155.0	
27	147.2	199.3	438.6	495.3	807.0	1605.7	1243.6	778.1	396.7	280.4	214.0	151.9	
28	144.1	196.6	479.8	648.2	843.8	1718.0	1234.6	760.4	384.0	277.2	211.2	149.5	
29	141.8	208.4	488.2	664.6		1842.4	1221.1	742.8	384.0	274.0	208.4	147.2	
30	147.2	211.2	488.2	720.3		1897.8	1198.8	737.6	379.0	274.0	205.7	147.2	
31	147.2		484.0	765.7		1925.8		732.4		269.8	205.7		
MEAN	155.4	200.0	326.5	580.6	729.6	1210.8	1583.5	927.5	526.9	314.4	238.9	175.0	579.1
MAX.	181.6	250.1	488.2	765.7	843.8	1925.8	1925.8	1183.3	715.1	375.3	269.8	202.0	1925.8
MIN.	139.5	141.8	205.7	479.8	671.3	881.5	1198.8	732.4	379.0	269.8	205.7	147.2	139.5

[Discharge Rating Curve]: Q=110.511*(H-0.937)^2

[Flow Regime (m3/s)]:

Q(95day): 765.7

Q(185day): 387.8

Q(275day): 211.2

Q(355day): 144.1

<<< MASTER PROGRAM for D8-05(Leap Year):Daily River W/L & Discharge >>>

HM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1979/80		[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	2.08	2.07	2.29	3.26	3.20	3.72	3.60	3.60	3.07	2.48	2.32	2.15				
2	2.07	2.08	2.30	3.25	3.25	3.71	3.59	3.59	3.06	2.48	2.31	2.15				
3	2.06	2.11	2.32	3.23	3.41	3.70	3.58	3.57	3.04	2.47	2.31	2.14				
4	2.05	2.10	2.33	3.22	3.52	3.67	3.57	3.54	3.00	2.46	2.30	2.13				
5	2.05	2.09	2.34	3.21	3.47	3.71	3.56	3.52	2.96	2.45	2.30	2.12				
6	2.04	2.09	2.39	3.19	3.49	3.80	3.56	3.50	2.94	2.44	2.30	2.12				
7	2.04	2.07	2.43	3.19	3.59	3.99	3.56	3.48	2.91	2.43	2.29	2.11				
8	2.03	2.06	2.47	3.22	3.58	4.16	3.57	3.46	2.89	2.43	2.28	2.10				
9	2.03	2.05	2.58	3.22	3.54	4.32	3.58	3.44	2.87	2.42	2.28	2.10				
10	2.02	2.05	2.63	3.22	3.51	4.35	3.57	3.44	2.85	2.42	2.27	2.10				
11	2.03	2.05	2.64	3.23	3.50	4.34	3.58	3.42	2.81	2.41	2.27	2.09				
12	2.03	2.04	2.66	3.23	3.52	4.32	3.59	3.41	2.78	2.41	2.26	2.09				
13	2.02	2.04	2.69	3.23	3.52	4.23	3.61	3.39	2.76	2.41	2.26	2.08				
14	2.02	2.05	2.77	3.21	3.50	4.13	3.62	3.37	2.73	2.40	2.25	2.08				
15	2.02	2.07	2.83	3.20	3.49	4.03	3.62	3.36	2.71	2.39	2.24	2.08				
16	2.01	2.09	3.02	3.19	3.48	3.94	3.62	3.34	2.69	2.38	2.24	2.06				
17	2.01	2.09	3.00	3.16	3.47	3.86	3.63	3.34	2.67	2.38	2.23	2.06				
18	2.01	2.10	3.00	3.14	3.46	3.81	3.64	3.32	2.66	2.38	2.23	2.05				
19	1.99	2.13	3.00	3.13	3.45	3.77	3.65	3.31	2.64	2.37	2.22	2.04				
20	1.99	2.13	2.99	3.12	3.44	3.75	3.68	3.29	2.62	2.36	2.22	2.04				
21	2.02	2.14	2.97	3.11	3.44	3.78	3.69	3.28	2.60	2.36	2.22	2.04				
22	2.04	2.16	2.95	3.09	3.46	3.81	3.71	3.27	2.58	2.35	2.20	2.04				
23	2.03	2.20	2.92	3.08	3.44	3.82	3.73	3.25	2.57	2.35	2.20	2.03				
24	2.05	2.23	2.92	3.06	3.44	3.78	3.76	3.23	2.56	2.35	2.19	2.03				
25	2.06	2.24	2.98	3.06	3.51	3.75	3.76	3.22	2.54	2.34	2.18	2.03				
26	2.06	2.26	3.00	3.06	3.53	3.72	3.75	3.20	2.53	2.34	2.18	2.02				
27	2.06	2.27	3.03	3.08	3.59	3.70	3.73	3.18	2.52	2.34	2.18	2.01				
28	2.06	2.26	3.07	3.09	3.66	3.66	3.68	3.16	2.51	2.34	2.17	2.00				
29	2.06	2.26	3.17	3.10	3.70	3.64	3.65	3.13	2.50	2.33	2.17	1.99				
30	2.06	2.27	3.07	3.14		3.63	3.62	3.11	2.49	2.33	2.16	1.98				
31	2.06		3.17	3.15		3.61		3.09		2.32	2.16					
MEAN	2.04	2.13	2.77	3.16	3.49	3.88	3.64	3.35	2.74	2.39	2.24	2.07	2.82			
MAX.	2.08	2.27	3.17	3.26	3.70	4.35	3.76	3.60	3.07	2.48	2.32	2.15	4.35			
MIN.	1.99	2.04	2.29	3.06	3.20	3.61	3.56	3.09	2.49	2.32	2.16	1.98	1.98			

QM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1979/80		[DISCHARGE (m3/s)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL			
1	144.1	141.8	202.0	597.1	566.1	856.9	783.5	783.5	502.5	263.5	211.2	162.3				
2	144.1	144.1	205.7	590.2	590.8	849.4	778.1	778.1	498.2	263.5	208.4	162.3				
3	139.5	151.9	211.2	581.5	676.2	843.8	772.8	765.7	488.2	259.3	208.4	159.9				
4	137.2	149.5	214.0	575.3	737.6	825.3	765.7	748.0	470.0	256.2	205.7	157.4				
5	137.2	147.2	217.8	570.7	710.0	849.4	760.4	737.6	452.1	253.2	205.7	155.0				
6	134.2	147.2	233.2	561.6	720.3	906.4	760.4	725.4	444.0	250.1	205.7	155.0				
7	134.2	141.8	246.1	561.6	778.1	1029.9	760.4	715.1	430.6	246.1	202.0	151.9				
8	132.0	139.5	259.3	575.3	772.8	1148.3	765.7	703.2	421.3	245.1	199.3	149.5				
9	132.0	137.2	297.8	575.3	748.0	1264.0	772.8	693.0	413.4	243.1	199.3	149.5				
10	129.8	137.2	316.9	575.3	732.4	1286.9	765.7	693.0	404.4	243.1	196.6	149.5				
11	132.0	137.2	320.3	581.5	725.4	1280.0	772.8	681.3	387.8	240.1	196.6	147.2				
12	132.0	134.2	328.4	581.5	737.6	1264.0	778.1	676.2	375.3	240.1	193.9	147.2				
13	129.8	134.2	340.1	581.5	737.6	1198.8	788.9	664.6	367.9	240.1	193.9	144.1				
14	129.8	137.2	371.6	570.7	725.4	1126.7	796.1	654.8	355.7	236.1	190.4	144.1				
15	129.8	141.8	396.7	566.1	720.3	1056.8	796.1	648.2	347.3	233.2	187.7	144.1				
16	126.9	147.2	479.8	561.6	715.1	997.3	796.1	638.5	340.1	230.3	187.7	139.5				
17	126.9	147.2	470.0	546.5	710.0	943.4	801.6	638.5	331.9	230.3	185.1	139.5				
18	126.9	149.5	470.0	536.1	703.2	912.2	807.0	627.2	328.4	230.3	185.1	137.2				
19	122.6	157.4	470.0	531.6	698.1	887.2	814.3	622.4	320.3	227.4	181.6	134.2				
20	122.6	157.4	465.8	527.2	693.0	873.9	830.8	611.2	313.5	223.5	181.6	134.2				
21	129.8	159.9	456.2	521.3	693.0	892.9	838.3	606.5	305.6	223.5	181.6	134.2				
22	134.2	165.6	448.0	512.6	703.2	912.2	849.4	601.8	297.8	220.6	176.5	134.2				
23	132.0	176.5	434.6	508.2	693.0	918.0	862.5	590.8	294.5	220.6	176.5	132.0				
24	137.2	185.1	434.6	498.2	693.0	892.9	881.5	581.5	291.2	220.6	173.9	132.0				
25	139.5	187.7	461.7	498.2	732.4	873.9	881.5	575.3	283.6	217.8	170.6	132.0				
26	139.5	193.9	470.0	498.2	742.8	856.9	873.9	566.1	280.4	217.8	170.6	129.8				
27	139.5	196.6	484.0	508.2	778.1	843.8	862.5	555.5	277.2	217.8	170.6	126.9				
28	139.5	193.9	502.5	512.6	819.8	819.8	830.8	546.5	274.0	217.8	168.1	124.8				
29	139.5	193.9	551.0	516.9	843.8	807.0	814.3	531.6	269.8	214.0	168.1	122.6				
30	139.5	196.6	501.0	536.1		801.6	796.1	521.3	266.6	214.0	165.6	120.5				
31	139.5		551.0	542.0		788.9		512.6		211.2	165.6					
MEAN	133.9	157.7	381.0	548.4	720.6	961.6	805.3	645.0	361.1	233.9	187.5	141.7	439.1			
MAX.	144.1	196.6	551.0	597.1	843.8	1286.9	881.5	783.5	502.5	263.5	211.2	162.3	1286.9			
MIN.	122.6	134.2	202.0	498.2	566.1	788.9	760.4	512.6	266.6	211.2	165.6	120.5	120.5			

[Discharge Rating Curve]: Q=110.51*(H-0.937)^2
 [Flow Regime (m3/s)]:
 Q(95day): 693.0 Q(185day): 347.3 Q(275day): 176.5 Q(355day): 129.8

<<< MASTER PROGRAM for D8-05(Normal Year):Daily River W/L & Discharge >>>

HM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1980/81											[WATER LEVEL (m)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.93	1.95	2.02	2.45	3.32	4.42	4.46	3.62	2.90	2.43	2.26	2.12	
2	1.97	1.95	2.07	2.46	3.30	4.44	4.43	3.61	2.88	2.43	2.26	2.12	
3	1.96	1.96	2.06	2.47	3.26	4.39	4.42	3.60	2.85	2.42	2.25	2.11	
4	1.96	1.97	2.06	2.48	3.21	4.30	4.40	3.57	2.92	2.41	2.24	2.10	
5	1.95	1.98	2.06	2.48	3.14	4.17	4.35	3.55	2.80	2.41	2.24	2.10	
6	1.95	1.99	2.06	2.49	3.12	4.08	4.30	3.53	2.78	2.40	2.24	2.09	
7	1.94	2.00	2.05	2.50	3.20	4.18	4.26	3.52	2.76	2.39	2.24	2.09	
8	1.94	2.00	2.05	2.51	3.22	4.35	4.24	3.49	2.74	2.38	2.23	2.08	
9	1.94	2.02	2.05	2.53	3.36	4.55	4.20	3.47	2.72	2.38	2.23	2.08	
10	1.93	2.08	2.05	2.60	3.38	4.63	4.14	3.45	2.70	2.37	2.22	2.07	
11	1.93	2.08	2.06	2.67	3.44	4.64	4.11	3.42	2.68	2.37	2.22	2.07	
12	1.92	2.01	2.08	2.72	3.48	4.59	4.06	3.41	2.66	2.36	2.22	2.06	
13	1.92	1.96	2.09	2.72	3.48	4.59	4.02	3.39	2.64	2.36	2.21	2.06	
14	1.91	1.94	2.05	2.71	3.50	4.68	3.99	3.37	2.63	2.35	2.21	2.06	
15	1.91	1.93	2.09	2.70	3.44	4.80	3.96	3.36	2.61	2.34	2.20	2.05	
16	1.91	1.95	2.08	2.67	3.42	4.83	3.93	3.34	2.59	2.34	2.20	2.05	
17	1.91	1.96	2.07	2.72	3.45	4.81	3.91	3.32	2.58	2.33	2.19	2.04	
18	1.90	1.96	2.06	2.80	3.52	4.79	3.88	3.30	2.56	2.32	2.19	2.04	
19	1.90	1.95	2.08	2.84	3.55	4.76	3.86	3.28	2.55	2.32	2.18	2.03	
20	1.90	1.97	2.10	2.83	3.67	4.75	3.83	3.25	2.54	2.31	2.17	2.02	
21	1.90	1.96	2.11	2.82	3.76	4.73	3.80	3.23	2.52	2.31	2.17	2.02	
22	1.90	1.94	2.12	2.82	3.92	4.70	3.77	3.19	2.51	2.30	2.16	2.02	
23	1.90	1.94	2.13	2.81	3.97	4.64	3.75	3.15	2.50	2.30	2.16	2.01	
24	1.90	1.94	2.16	2.87	4.24	4.58	3.72	3.13	2.50	2.29	2.16	2.00	
25	1.90	1.94	2.20	2.98	4.41	4.55	3.71	3.10	2.49	2.29	2.15	2.00	
26	1.91	1.95	2.22	2.99	4.53	4.54	3.68	3.07	2.48	2.28	2.15	1.99	
27	1.92	1.98	2.25	3.08	4.53	4.53	3.66	3.03	2.47	2.28	2.14	1.99	
28	1.94	1.99	2.31	3.10	4.63	4.49	3.65	3.00	2.46	2.27	2.14	1.98	
29	1.95	2.00	2.36	3.13		4.47	3.64	2.97	2.45	2.28	2.13	1.98	
30	1.95	2.01	2.38	3.19		4.46	3.63	2.94	2.44	2.27	2.13	1.97	
31	1.95		2.42	3.32		4.46		2.91		2.27	2.12		
MEAN	1.93	1.98	2.13	2.76	3.62	4.55	3.99	3.31	2.63	2.34	2.19	2.05	2.72
MAX.	1.98	2.08	2.42	3.32	4.63	4.83	4.46	3.62	2.90	2.43	2.26	2.12	4.83
MIN.	1.90	1.93	2.02	2.45	3.12	4.08	3.63	2.91	2.44	2.27	2.12	1.97	1.90

QM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1980/81											[DISCHARGE (m ³ /sec)]
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	120.5	113.6	129.8	253.2	627.2	1340.3	1371.0	796.1	425.3	246.1	193.9	155.0	
2	117.7	113.6	141.8	256.2	617.6	1356.8	1347.4	788.9	417.4	246.1	193.9	155.0	
3	115.6	115.6	139.5	259.3	597.1	1317.0	1340.3	783.5	404.4	243.1	190.4	151.9	
4	115.6	117.7	139.5	263.5	570.7	1250.4	1326.3	765.7	391.6	240.1	187.7	149.5	
5	113.6	120.5	139.5	263.5	536.1	1154.9	1286.9	755.1	384.0	240.1	187.7	149.5	
6	113.6	122.6	139.5	266.6	527.2	1092.6	1250.4	742.8	375.3	236.1	187.7	147.2	
7	111.5	124.8	137.2	269.8	566.1	1161.4	1221.1	737.6	367.9	233.2	187.7	147.2	
8	111.5	124.8	137.2	274.0	575.3	1286.9	1205.5	720.3	359.3	230.3	185.1	144.1	
9	111.5	129.8	137.2	280.4	648.2	1443.1	1176.7	710.0	350.9	230.3	185.1	144.1	
10	108.8	144.1	137.2	305.5	659.7	1507.1	1133.2	698.1	343.7	227.4	181.5	141.8	
11	109.8	144.1	139.5	331.9	693.0	1514.6	1111.7	681.3	335.4	227.4	181.6	141.8	
12	106.8	126.9	144.1	350.9	715.1	1474.9	1077.8	676.2	328.4	223.5	181.6	139.5	
13	106.8	115.6	147.2	350.9	715.1	1474.9	1050.6	664.6	320.3	223.5	179.0	139.5	
14	104.9	111.5	137.2	347.3	725.4	1549.7	1029.9	654.8	316.9	220.6	179.0	139.5	
15	104.9	109.8	147.2	343.7	693.0	1649.6	1009.5	648.2	309.0	217.8	176.5	137.2	
16	104.9	113.6	144.1	331.9	681.3	1675.8	989.2	638.5	302.3	217.8	176.5	137.2	
17	104.9	115.6	141.8	350.9	698.1	1657.5	977.2	627.2	297.8	214.0	173.9	134.2	
18	102.3	115.6	139.5	384.0	737.6	1641.8	957.2	617.6	291.2	211.2	170.6	134.2	
19	102.3	113.6	144.1	400.5	760.4	1616.0	943.4	605.5	287.9	211.2	170.6	132.0	
20	102.3	117.7	149.5	396.7	825.3	1605.7	925.8	597.1	283.6	208.4	168.1	129.8	
21	102.3	115.6	151.9	391.6	881.5	1590.3	906.4	581.5	277.2	208.4	168.1	129.8	
22	102.3	111.5	155.0	391.6	983.2	1564.9	887.2	561.6	274.0	205.7	165.6	129.8	
23	102.3	111.5	157.4	387.9	1017.6	1514.6	873.9	546.5	269.8	205.7	165.6	126.9	
24	102.3	111.5	165.6	413.4	1205.5	1467.6	856.9	531.6	269.8	202.0	165.6	124.8	
25	102.3	111.5	176.5	461.7	1333.3	1443.1	849.4	516.9	266.6	202.0	162.3	124.8	
26	104.9	113.6	181.6	465.8	1426.1	1435.8	830.8	502.5	263.5	199.3	162.3	122.6	
27	106.8	120.5	190.4	508.2	1426.1	1426.1	819.8	484.0	259.3	199.3	159.9	122.6	
28	111.5	122.6	208.4	516.9	1507.1	1394.8	814.3	470.0	256.2	196.6	159.9	120.5	
29	113.6	124.8	223.5	531.6		1380.5	807.0	456.2	253.2	199.3	157.4	120.5	
30	113.6	126.9	230.3	561.6		1371.0	801.6	444.0	250.1	196.6	157.4	117.7	
31	113.6		243.1	627.2		1371.0		430.6		196.6	155.0		
MEAN	108.5	119.3	157.9	372.2	819.6	1442.9	1039.3	626.9	317.7	218.1	174.7	136.3	459.8
MAX.	120.5	144.1	243.1	627.2	1507.1	1675.8	1371.0	796.1	425.3	246.1	193.9	155.0	1675.8
MIN.	102.3	108.8	129.8	253.2	527.2	1092.6	801.6	430.6	250.1	196.6	155.0	117.7	102.3

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^{2.2}$
 [Flow Regime (m³/s)]:
 Q(95day): 648.2 Q(185day): 243.1 Q(275day): 141.8 Q(355day): 104.9

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

HM	ST.: 4-669 KAFUE HOOK BRIDGE													YEAR : 1981/82	[WATER LEVEL (m)]
N	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	1.97	1.84	1.89	1.98	2.71	3.42		2.46	2.22	2.02	1.93	1.87			
2	1.96	1.83	1.92	2.01	2.70	3.44		2.46	2.23	2.02	1.93	1.87			
3	1.96	1.82	1.92	2.00	2.65	3.40		2.46	2.23	2.02	1.92	1.87			
4	1.95	1.82	1.92	2.03	2.64	3.32		2.46	2.22	2.02	1.92	1.84			
5	1.94	1.82	1.92	2.05	2.64	3.26		2.45	2.20	2.01	1.92	1.84			
6	1.94	1.81	1.93	2.08	2.65	3.31		2.44	2.19	2.01	1.92	1.84			
7	1.96	1.81	1.94	2.08	2.65	3.35		2.44	2.18	2.01	1.92	1.83			
8	1.94	1.80	1.94	2.10	2.70	3.33		2.43	2.17	2.00	1.92	1.83			
9	1.94	1.80	1.96	2.11	2.79	3.26		2.42	2.16	2.00	1.91	1.83			
10	1.93	1.90	1.96	2.14	2.84	3.26		2.42	2.15	2.00	1.91	1.83			
11	1.92	1.80	1.96	2.14	2.86	3.22		2.42	2.14	2.00	1.91	1.83			
12	1.92	1.80	1.97	2.14	2.89	3.22		2.44	2.13	1.99	1.91	1.83			
13	1.91	1.81	1.98	2.15	2.95	3.22		2.40	2.12	1.98	1.91	1.82			
14	1.91	1.80	1.97	2.15	3.10	3.23		2.40	2.11	1.98	1.91	1.82			
15	1.90	1.80	1.97	2.13	3.13	3.22		2.39	2.11	1.97	1.90	1.82			
16	1.90	1.80	1.96	2.15	3.07	3.22		2.39	2.10	1.97	1.90	1.81			
17	1.90	1.80	1.96	2.17	3.04	3.21		2.39	2.10	1.97	1.90	1.81			
18	1.90	1.80	1.96	2.24	3.07	3.18		2.38	2.09	1.97	1.88	1.80			
19	1.90	1.80	1.95	2.27	3.33	3.17		2.38	2.08	1.97	1.87	1.80			
20	1.89	1.80	1.97	2.32	3.72	3.16		2.36	2.08	1.97	1.88	1.80			
21	1.89	1.82	1.97	2.29	3.68	3.15		2.35	2.08	1.96	1.88	1.80			
22	1.88	1.82	1.98	2.30	3.60	3.13		2.35	2.08	1.96	1.88	1.77			
23	1.88	1.84	2.00	2.31	3.52	3.12		2.33	2.07	1.96	1.88	1.77			
24	1.87	1.86	2.00	2.37	3.74	3.10		2.32	2.06	1.96	1.87	1.78			
25	1.86	1.85	2.01	2.37	3.66	3.09		2.31	2.06	1.96	1.87	1.78			
26	1.86	1.84	2.01	2.39	3.57	3.07		2.30	2.05	1.95	1.87	1.78			
27	1.85	1.84	2.01	2.41	3.52	3.05		2.29	2.04	1.95	1.83	1.76			
28	1.85	1.85	2.00	2.42	3.44	3.03		2.28	2.04	1.94	1.83	1.76			
29	1.84	1.86	2.00	2.55		3.02		2.27	2.03	1.94	1.83	1.76			
30	1.84	1.82	2.00	2.63		3.02		2.26	2.03	1.94	1.83	1.76			
31	1.84		1.98	2.63		2.98		2.25		1.93	1.87				
MEAN	1.90	1.82	1.96	2.23	3.10	3.20		2.38	2.12	1.98	1.89	1.81	2.21		
MAX.	1.97	1.86	2.01	2.63	3.74	3.44		2.46	2.23	2.02	1.93	1.87	3.74		
MIN.	1.84	1.80	1.89	1.98	2.64	2.98		2.25	2.03	1.93	1.83	1.76	1.76		

QM	ST.: 4-669 KAFUE HOOK BRIDGE													YEAR : 1981/82	[DISCHARGE (m3/sec)]
N	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL		
1	117.7	90.3	100.3	121.2	347.3	681.3	445.4	256.2	181.6	129.8	108.8	96.5			
2	115.6	87.9	106.8	126.9	342.5	691.3	433.7	256.2	183.3	129.8	108.8	96.5			
3	115.6	86.1	106.8	124.8	326.1	669.6	421.5	256.2	186.0	129.8	106.8	96.5			
4	113.6	86.1	106.8	132.0	321.5	627.2	450.6	255.2	182.5	129.1	106.8	90.3			
5	111.5	86.1	106.8	138.0	321.5	598.6	404.0	253.2	175.6	126.9	106.8	90.3			
6	111.5	84.3	108.2	144.1	323.8	624.0	486.0	250.1	173.1	126.9	106.8	90.3			
7	114.9	84.3	111.5	144.1	324.9	645.0	471.7	250.1	169.7	126.2	106.8	89.1			
8	111.5	82.6	112.2	149.5	342.5	633.6	461.2	245.1	167.2	124.8	106.2	87.9			
9	111.5	82.6	115.6	151.9	379.0	593.9	442.2	243.1	164.8	124.8	104.9	87.9			
10	108.8	82.6	115.6	159.9	400.5	598.6	432.0	243.1	161.5	124.8	104.9	87.9			
11	106.8	82.6	115.6	159.9	409.5	578.4	417.0	243.1	159.0	124.0	104.9	87.9			
12	106.8	82.6	117.7	159.9	421.3	575.3	404.7	250.1	157.4	121.9	104.9	87.3			
13	104.9	84.3	120.5	162.3	449.4	575.3	396.6	236.1	155.0	120.5	104.9	86.1			
14	104.9	82.6	117.7	161.5	516.9	681.5	384.6	235.2	152.6	119.8	104.9	86.1			
15	102.9	82.6	117.7	157.4	531.6	675.3	375.1	233.2	151.1	117.7	102.3	86.1			
16	102.3	82.6	115.6	162.3	501.0	575.3	364.3	233.2	149.5	117.7	102.3	84.9			
17	102.3	82.6	115.6	167.2	488.2	570.7	358.9	232.2	149.5	117.7	102.3	84.3			
18	102.3	82.6	115.6	187.7	502.5	555.5	324.8	230.3	147.2	117.7	98.4	83.1			
19	102.3	82.6	114.2	195.7	633.6	551.0	346.1	229.3	144.1	117.7	96.5	82.6			
20	100.3	83.1	117.7	212.2	853.2	546.5	337.2	224.5	144.1	117.7	98.4	82.6			
21	100.3	86.1	117.7	201.1	830.8	540.5	329.2	221.6	144.1	115.6	98.4	82.6			
22	98.4	86.7	121.2	204.8	785.3	531.6	322.7	219.7	143.3	115.6	98.4	76.8			
23	98.4	90.3	124.8	209.4	735.8	525.7	315.5	215.0	141.8	115.6	98.4	76.8			
24	96.5	93.4	124.8	227.4	870.1	516.9	309.2	211.2	139.5	115.6	96.5	78.5			
25	94.6	92.1	126.9	228.3	821.6	511.1	302.9	207.5	138.7	115.6	96.5	78.5			
26	94.0	90.3	126.9	233.2	763.9	503.9	296.7	205.7	137.2	113.6	96.5	78.0			
27	92.8	89.7	126.9	239.1	737.6	493.9	292.0	201.1	135.0	113.6	87.9	74.6			
28	92.1	92.1	124.8	244.1	693.0	484.0	288.6	199.3	133.5	111.5	87.9	74.6			
29	90.9	93.4	124.0	285.8		479.8	285.9	195.7	132.0	111.5	87.9	74.6			
30	90.3	86.1	124.0	315.8		479.8	285.2	193.9	131.3	111.5	87.9	74.6			
31	90.3		121.2	315.8		463.1		190.4		108.8	96.5				
MEAN	103.4	86.0	116.8	187.8	534.8	567.0	372.9	229.6	154.4	119.8	100.6	84.5	219.4		
MAX.	117.7	93.4	126.9	315.8	870.1	691.3	486.0	256.2	186.0	129.8	108.8	108.8	870.1		
MIN.	90.3	82.6	100.3	121.2	321.5	463.1	285.2	190.4	131.3	108.8	87.9	74.6	74.6		

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^{2.2}$

[Flow Regima (m3/s)]:

Q(5day): 256.2 Q(185day): 126.9 Q(275day): 102.3 Q(355day): 82.6

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

HM	ST.: 4-669 KAFUE HOOK BRIDGE													YEAR : 1982/83	[WATER LEVEL (m)]
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.75	1.76	2.02	2.36	2.58	2.95	2.93	2.41	2.05	1.91	1.84	1.77			
2	1.75	1.76	2.05	2.36	2.60	2.94	2.93	2.38	2.04	1.91	1.84	1.77			
3	1.75	1.77	2.09	2.36	2.58	2.94	2.91	2.36	2.04	1.90	1.83	1.76			
4	1.74	1.77	2.13	2.36	2.57	2.94	2.89	2.34	2.04	1.90	1.83	1.76			
5	1.74	1.77	2.14	2.35	2.60	2.93	2.88	2.32	2.03	1.90	1.82	1.76			
6	1.74	1.79	2.16	2.35	2.61	2.93	2.85	2.31	2.02	1.90	1.82	1.76			
7	1.73	1.78	2.17	2.36	2.65	2.93	2.83	2.30	2.02	1.89	1.82	1.76			
8	1.73	1.78	2.19	2.35	2.70	2.93	2.82	2.28	2.01	1.88	1.82	1.74			
9	1.73	1.78	2.22	2.33	2.72	2.97	2.80	2.28	2.00	1.88	1.81	1.74			
10	1.73	1.77	2.26	2.31	2.82	3.04	2.78	2.27	2.00	1.88	1.81	1.74			
11	1.73	1.78	2.28	2.30	2.92	3.00	2.76	2.26	1.99	1.88	1.80	1.74			
12	1.73	1.77	2.30	2.29	2.95	2.99	2.74	2.25	1.98	1.88	1.80	1.74			
13	1.72	1.77	2.34	2.28	2.90	2.98	2.70	2.24	1.98	1.87	1.80	1.74			
14	1.72	1.78	2.35	2.29	2.91	2.99	2.67	2.23	1.98	1.87	1.80	1.74			
15	1.72	1.78	2.35	2.30	2.92	2.98	2.65	2.22	1.97	1.87	1.80	1.74			
16	1.72	1.80	2.36	2.30	2.92	2.98	2.63	2.20	1.97	1.87	1.80	1.73			
17	1.72	1.78	2.34	2.33	2.92	2.98	2.61	2.19	1.96	1.86	1.80	1.73			
18	1.72	1.78	2.34	2.34	2.92	2.98	2.59	2.18	1.96	1.86	1.79	1.73			
19	1.76	1.78	2.34	2.34	2.92	2.98	2.58	2.16	1.96	1.86	1.79	1.72			
20	1.74	1.79	2.34	2.34	2.92	2.98	2.56	2.16	1.95	1.86	1.79	1.72			
21	1.74	1.80	2.35	2.35	2.92	2.98	2.54	2.15	1.94	1.86	1.79	1.71			
22	1.75	1.81	2.36	2.37	2.92	2.98	2.53	2.14	1.93	1.86	1.78	1.71			
23	1.76	1.81	2.35	2.38	2.93	2.98	2.51	2.15	1.92	1.86	1.79	1.70			
24	1.76	1.82	2.34	2.39	2.93	2.98	2.50	2.15	1.92	1.85	1.78	1.70			
25	1.76	1.85	2.34	2.39	2.94	2.98	2.49	2.13	1.92	1.85	1.78	1.70			
26	1.76	1.91	2.36	2.41	2.94	2.98	2.48	2.10	1.92	1.84	1.78	1.70			
27	1.76	1.95	2.36	2.44	2.94	2.98	2.48	2.10	1.92	1.84	1.78	1.69			
28	1.75	1.96	2.36	2.44	2.95	2.98	2.47	2.09	1.92	1.84	1.78	1.69			
29	1.76	1.99	2.38	2.49		2.98	2.46	2.08	1.92	1.84	1.78	1.69			
30	1.76	2.00	2.37	2.58		2.95	2.44	2.07	1.92	1.84	1.78	1.68			
31	1.76		2.37	2.58			2.94	2.06		1.84	1.77				
MEAN	1.74	1.81	2.28	2.37	2.83	2.97	2.67	2.21	1.97	1.87	1.80	1.73	2.18		
MAX.	1.76	2.00	2.38	2.58	2.95	3.04	2.93	2.41	2.05	1.91	1.84	1.77	3.04		
MIN.	1.72	1.75	2.02	2.28	2.57	2.93	2.44	2.06	1.92	1.84	1.77	1.68	1.58		

QM	ST.: 4-669 KAFUE HOOK BRIDGE													YEAR : 1982/83	[DISCHARGE (m3/sec)]
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	73.0	74.9	129.6	223.8	298.3	447.8	439.0	239.8	136.9	104.6	90.1	76.7			
2	73.0	74.9	136.9	223.8	305.6	443.4	439.0	230.1	134.4	104.6	90.1	75.7			
3	73.0	76.7	146.9	223.8	298.3	443.4	430.2	223.8	134.4	102.5	88.1	74.9			
4	71.3	76.7	157.3	223.8	294.7	443.4	421.5	217.5	134.4	102.5	88.1	74.9			
5	71.3	76.7	159.9	220.6	305.6	439.0	417.2	211.4	132.0	102.5	86.2	74.9			
6	71.3	80.4	165.3	220.6	309.3	439.0	404.4	208.3	129.6	102.5	86.2	74.9			
7	69.5	78.5	168.0	223.8	328.1	439.0	396.0	205.3	129.6	100.4	86.2	74.9			
8	69.5	78.5	173.5	220.6	343.5	439.0	391.8	199.3	127.2	98.3	86.2	71.3			
9	69.5	78.5	181.9	214.4	351.3	456.2	383.6	199.3	124.9	98.3	84.2	71.3			
10	69.5	76.7	193.4	208.3	391.8	488.7	375.4	196.4	124.9	98.3	84.2	71.3			
11	69.5	78.5	199.3	205.3	434.6	470.3	367.3	193.4	122.5	98.3	82.3	71.3			
12	69.5	76.7	205.3	202.3	447.8	465.8	359.3	190.5	120.2	98.3	82.3	71.3			
13	67.8	76.7	217.5	199.3	425.8	461.3	343.5	187.5	120.2	96.2	82.3	71.3			
14	67.8	78.5	220.6	202.3	430.2	461.3	331.9	184.8	120.2	96.2	82.3	71.3			
15	67.8	78.5	220.6	205.3	434.6	461.3	324.3	181.9	117.9	96.2	82.3	71.3			
16	67.8	82.3	223.8	205.3	434.6	461.3	316.8	176.3	117.9	96.2	82.3	69.5			
17	67.8	78.5	217.5	214.4	434.6	461.3	309.3	173.5	115.7	94.1	82.3	69.5			
18	67.8	78.5	217.5	217.5	434.6	461.3	302.0	170.7	115.7	94.1	80.4	69.5			
19	74.9	78.5	217.5	217.5	434.6	461.3	298.3	165.3	115.7	94.1	80.4	67.8			
20	71.3	80.4	217.5	217.5	434.6	461.3	291.1	165.3	113.4	94.1	80.4	67.8			
21	71.3	82.3	220.6	220.6	434.6	461.3	284.0	162.6	111.2	94.1	80.4	66.0			
22	73.0	84.2	223.8	226.9	434.6	461.3	280.4	159.9	109.0	94.1	78.5	66.0			
23	74.9	84.2	220.6	230.1	439.0	461.3	273.4	162.6	106.8	94.1	80.4	64.3			
24	74.9	86.2	217.5	233.3	439.0	461.3	270.0	162.6	106.8	92.1	78.5	64.3			
25	74.9	92.1	217.5	233.3	443.4	461.3	266.5	157.3	106.8	92.1	78.5	64.3			
26	74.9	104.6	223.8	239.8	443.4	461.3	263.1	149.5	106.8	90.1	78.5	62.7			
27	74.9	113.4	223.8	249.6	443.4	461.3	263.1	149.5	106.8	90.1	78.5	62.7			
28	74.9	115.7	223.8	249.6	447.8	461.3	259.7	146.9	106.8	90.1	78.5	62.7			
29	74.9	122.5	230.1	266.5		461.3	256.3	144.4	106.8	90.1	78.5	62.7			
30	74.9	124.9	226.9	298.3		447.8	249.6	141.9	106.8	90.1	78.5	61.0			
31	74.9		226.9	298.3		443.4		138.4		90.1	76.7				
MEAN	71.6	85.7	200.8	227.0	396.3	456.4	333.6	180.6	118.7	95.1	82.3	69.3	192.0		
MAX.	74.9	124.9	230.1	298.3	447.8	488.7	439.0	239.8	136.9	104.6	90.1	76.7	488.7		
MIN.	67.8	74.9	129.6	199.3	294.7	439.0	249.6	139.4	106.8	90.1	76.7	61.0	61.0		

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 239.8 Q(185day): 134.4 Q(275day): 80.4 Q(355day): 67.8

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

HM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1984/85											[WATER LEVEL (m)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	1.62	1.55	1.73	2.50	3.10	3.21	3.59		2.49	2.13	1.98	1.86		
2	1.62	1.55	1.73	2.51	3.18	3.30	3.56		2.47	2.13	1.98	1.86		
3	1.61	1.55	1.73	2.55	3.25	3.28	3.51		2.46	2.11	1.97	1.86		
4	1.61	1.55	1.73	2.55	3.24	3.28	3.50		2.44	2.11	1.97	1.86		
5	1.61	1.54	1.73	2.59	3.37	3.28	3.49		2.41	2.10	1.97	1.86		
6	1.61	1.55	1.73	2.61	3.51	3.28	3.47		2.39	2.09	1.97	1.86		
7	1.61	1.57	1.73	2.63	3.53	3.32	3.46		2.38	2.09	1.97	1.86		
8	1.62	1.63	1.74	2.68	3.68	3.33	3.41		2.37	2.09	1.96	1.85		
9	1.62	1.62	1.74	2.68	3.85	3.34	3.41		2.35	2.09	1.95	1.84		
10	1.62	1.62	1.74	2.71	3.87	3.36	3.45		2.33	2.08	1.95	1.83		
11	1.62	1.64	1.73	2.74	3.87	3.34	3.43		2.31	2.07	1.94	1.83		
12	1.61	1.68	1.73	2.74	3.74	3.34	3.41		2.30	2.07	1.94	1.83		
13	1.61	1.70	1.73	2.74	3.70	3.34	3.41		2.29	2.06	1.94	1.82		
14	1.60	1.68	1.74	2.78	3.80	3.33	3.40		2.28	2.06	1.94	1.82		
15	1.60	1.69	1.75	2.83	4.09	3.34	3.39		2.26	2.05	1.94	1.82		
16	1.60	1.69	1.77	2.89	4.36	3.33	3.37		2.26	2.05	1.92	1.81		
17	1.59	1.68	1.80	2.89	4.33	3.32	3.35		2.24	2.05	1.92	1.81		
18	1.58	1.67	1.92	2.88	4.22	3.31	3.35		2.23	2.04	1.92	1.81		
19	1.58	1.66	2.06	2.86	4.07	3.31	3.32		2.23	2.04	1.92	1.81		
20	1.58	1.67	2.17	2.86	3.86	3.31	3.31		2.21	2.04	1.91	1.81		
21	1.58	1.67	2.23	2.86	3.70	3.31	3.29		2.20	2.04	1.91	1.81		
22	1.59	1.67	2.26	2.85	3.57	3.31	3.27		2.19	2.04	1.91	1.80		
23	1.58	1.68	2.31	2.89	3.47	3.33	3.26		2.19	2.03	1.90	1.79		
24	1.58	1.68	2.36	2.90	3.41	3.36	3.25		2.17	2.02	1.90	1.79		
25	1.58	1.68	2.41	2.90	3.37	3.41	3.23		2.17	2.01	1.89	1.78		
26	1.58	1.69	2.43	2.91	3.34	3.44	3.21		2.16	2.01	1.89	1.78		
27	1.57	1.71	2.44	2.93	3.32	3.46	3.19		2.16	2.01	1.88	1.77		
28	1.56	1.71	2.46	2.99	3.21	3.48	3.17		2.15	2.01	1.88	1.77		
29	1.55	1.71	2.49	3.01		3.54	3.16		2.13	2.01	1.88	1.76		
30	1.55	1.71	2.50	3.03		3.58	3.13		2.13	2.00	1.87	1.75		
31	1.55		2.50	3.06		3.59				1.99	1.87			
MEAN	1.59	1.65	2.00	2.79	3.64	3.36	3.36		2.28	2.06	1.93	1.82	2.40	
MAX.	1.62	1.71	2.50	3.06	4.36	3.59	3.59		2.49	2.13	1.98	1.86	4.36	
MIN.	1.55	1.54	1.73	2.50	3.10	3.21	3.13		2.13	1.99	1.87	1.75	1.54	

QM ST.: 4-669 KAFUE HOOK BRIDGE		YEAR : 1984/85											[DISCHARGE (m3/sec)]	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL	
1	50.9	41.7	69.7	270.8	516.9	570.7	776.4	645.1	266.6	156.6	120.5	94.6		
2	50.9	41.7	69.7	275.0	555.5	617.6	758.6	639.4	259.3	156.6	119.8	94.6		
3	50.4	41.3	69.7	285.8	590.8	606.5	734.1	629.3	255.2	152.6	118.4	94.6		
4	50.0	41.3	69.7	289.0	586.1	606.5	727.2	622.6	248.1	152.6	117.7	94.0		
5	50.0	40.1	69.7	301.1	654.8	606.5	720.3	617.0	241.1	150.3	117.7	94.0		
6	50.0	42.1	69.7	309.0	732.4	606.5	708.3	564.9	234.2	147.9	117.0	94.0		
7	49.5	43.8	69.7	316.9	742.8	627.2	701.5	541.9	230.3	147.2	117.0	93.4		
8	52.2	53.2	71.3	336.6	830.8	633.6	677.9	527.5	225.4	146.4	115.6	92.3		
9	51.8	50.9	71.3	334.3	937.5	638.5	677.9	499.4	220.6	146.4	114.2	90.9		
10	51.3	51.3	71.3	347.3	951.3	648.2	696.4	491.6	214.0	144.1	113.6	89.1		
11	50.9	54.6	69.7	360.5	951.3	638.5	686.3	484.7	209.4	142.5	112.2	88.5		
12	50.0	60.9	69.7	360.5	868.2	638.5	677.9	447.1	203.8	141.8	111.5	87.3		
13	49.5	65.0	69.7	360.5	843.8	638.5	674.6	445.8	201.1	140.2	111.5	86.7		
14	48.6	60.4	71.3	374.0	906.4	633.6	671.3	442.3	198.4	139.5	111.5	86.1		
15	48.6	62.9	73.0	398.0	1098.9	638.5	663.0	435.0	194.8	139.0	110.2	85.5		
16	48.6	62.4	76.8	422.6	1296.1	633.6	653.1	426.5	192.1	138.0	106.8	84.9		
17	47.7	60.4	82.6	420.0	1273.2	627.2	645.0	382.6	188.6	137.2	106.8	84.9		
18	46.4	59.9	106.8	417.4	1192.2	622.4	643.3	381.4	186.0	135.0	106.8	84.3		
19	46.4	58.0	139.5	407.0	1084.1	622.4	628.8	379.8	183.3	133.5	106.2	84.3		
20	46.0	58.9	168.1	407.0	943.4	622.4	622.4	375.9	179.9	133.5	105.5	83.7		
21	46.0	59.4	185.1	407.0	843.8	622.4	612.8	371.6	175.6	133.5	104.9	83.7		
22	45.5	59.9	193.9	405.7	765.7	622.4	603.3	365.7	174.8	133.5	103.6	83.1		
23	45.5	60.4	208.4	421.3	710.0	633.6	597.1	364.2	173.1	132.0	102.9	80.8		
24	45.5	60.4	223.5	427.9	676.2	648.2	590.8	360.7	168.9	129.8	101.6	79.7		
25	45.5	60.4	240.1	427.9	654.8	676.2	581.5	354.6	167.2	128.4	100.3	79.1		
26	45.1	62.9	246.1	429.2	638.5	693.0	572.3	341.4	166.4	128.4	99.7	78.5		
27	44.7	66.0	250.1	439.9	627.2	703.2	560.1	334.0	164.8	127.6	99.0	77.4		
28	43.4	66.0	256.2	465.8	570.7	715.1	551.0	331.5	163.1	126.9	98.4	76.3		
29	42.1	66.0	266.6	474.2		748.0	545.0	328.9	158.2	126.2	97.8	74.6		
30	41.7	66.5	269.8	484.0		772.8	533.1	324.2	158.2	124.8	96.5	73.5		
31	41.7		269.8	496.7		779.9		316.3		123.3	95.9			
MEAN	47.6	56.0	136.7	383.0	823.0	648.1	649.7	444.3	200.1	138.5	108.4	85.8	306.6	
MAX.	52.2	66.5	269.8	496.7	1296.1	779.9	776.4	645.1	266.6	156.6	120.5	94.6	1296.1	
MIN.	41.7	40.1	69.7	270.8	516.9	570.7	533.1	316.3	158.2	123.3	95.9	73.5	40.1	

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 533.1 Q(185day): 173.1 Q(275day): 84.3 Q(355day): 43.8

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

HM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1985/86	[WATER LEVEL (m)]
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.74	1.66	1.77	2.14	2.91	3.38	3.47	3.60	3.05	2.35	2.13	1.99		
2	1.74	1.69	1.79	2.18	2.94	3.38	3.46	3.57	3.03	2.33	2.12	1.99		
3	1.74	1.68	1.77	2.27	3.05	3.38	3.45	3.54	3.02	2.32	2.12	1.99		
4	1.73	1.69	1.76	2.26	3.08	3.36	3.44	3.51	2.99	2.31	2.12	1.98		
5	1.73	1.69	1.75	2.26	3.08	3.33	3.44	3.49	2.96	2.30	2.11	1.98		
6	1.73	1.68	1.73	2.26	3.05	3.32	3.43	3.47	2.94	2.30	2.10	1.97		
7	1.72	1.68	1.73	2.70	3.06	3.32	3.42	3.44	2.92	2.29	2.10	1.97		
8	1.71	1.67	1.73	2.40	3.16	3.31	3.41	3.43	2.90	2.28	2.10	1.96		
9	1.70	1.67	1.73	2.40	3.25	3.32	3.41	3.40	2.87	2.27	2.09	1.95		
10	1.70	1.66	1.73	2.46	3.28	3.36	3.39	3.38	2.84	2.26	2.09	1.94		
11	1.69	1.66	1.73	2.54	3.24	3.38	3.38	3.37	2.81	2.25	2.08	1.94		
12	1.69	1.66	1.74	2.54	3.30	3.39	3.37	3.35	2.79	2.25	2.08	1.94		
13	1.69	1.67	1.76	2.60	3.34	3.42	3.36	3.33	2.76	2.24	2.07	1.94		
14	1.69	1.69	1.78	2.65	3.35	3.43	3.34	3.32	2.73	2.23	2.07	1.93		
15	1.69	1.69	1.80	2.67	3.32	3.46	3.33	3.30	2.71	2.22	2.07	1.92		
16	1.68	1.69	1.81	2.71	3.29	3.48	3.32	3.29	2.68	2.21	2.07	1.92		
17	1.68	1.69	1.91	2.67	3.25	3.50	3.32	3.27	2.65	2.21	2.06	1.91		
18	1.68	1.69	1.87	2.62	3.21	3.51	3.38	3.26	2.63	2.19	2.06	1.91		
19	1.68	1.69	1.88	2.55	3.19	3.49	3.41	3.23	2.58	2.19	2.05	1.90		
20	1.67	1.69	1.90	2.52	3.17	3.48	3.40	3.22	2.54	2.19	2.05	1.90		
21	1.67	1.68	1.91	2.50	3.15	3.47	3.49	3.21	2.53	2.19	2.05	1.89		
22	1.67	1.68	1.96	2.49	3.19	3.44	3.54	3.20	2.50	2.18	2.04	1.89		
23	1.67	1.68	1.98	2.49	3.16	3.46	3.58	3.19	2.49	2.18	2.04	1.88		
24	1.67	1.68	2.00	2.50	3.21	3.44	3.77	3.17	2.47	2.17	2.03	1.87		
25	1.66	1.69	2.03	2.51	3.27	3.45	3.82	3.17	2.45	2.16	2.02	1.87		
26	1.66	1.70	2.06	2.51	3.29	3.47	3.80	3.15	2.43	2.16	2.01	1.86		
27	1.65	1.71	2.06	2.53	3.33	3.62	3.77	3.14	2.41	2.15	2.01	1.86		
28	1.65	1.72	2.06	2.62	3.36	3.73	3.73	3.12	2.39	2.15	2.01	1.86		
29	1.65	1.72	2.07	2.82		3.71	3.68	3.11	2.38	2.15	2.01	1.86		
30	1.65	1.73	2.10	2.90		3.62	3.63	3.09	2.36	2.14	2.00	1.85		
31	1.66		2.11	2.92		3.52		3.08		2.13	2.00			
MEAN	1.69	1.69	1.87	2.52	3.19	3.45	3.49	3.30	2.69	2.22	2.06	1.92	2.50	
MAX.	1.74	1.73	2.11	2.92	3.36	3.73	3.82	3.60	3.05	2.35	2.13	1.99	3.82	
MIN.	1.65	1.66	1.73	2.14	2.91	3.31	3.32	3.08	2.36	2.13	2.00	1.85	1.65	

QM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1985/86	[DISCHARGE (m3/sec)]
N=	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	71.9	58.4	76.3	159.9	430.6	659.7	711.7	785.3	493.9	219.7	156.6	123.3		
2	71.3	61.9	79.7	170.6	441.3	658.0	704.9	767.5	485.4	215.9	155.0	122.6		
3	70.8	60.4	77.4	197.5	495.3	659.7	696.4	751.6	478.4	211.2	154.2	121.9		
4	70.3	62.4	74.6	193.9	506.8	648.2	693.0	732.4	464.4	209.4	153.4	120.5		
5	69.2	62.9	73.5	193.0	505.4	633.6	693.0	720.3	452.1	206.6	151.9	119.1		
6	68.7	61.4	70.3	193.0	493.9	628.8	688.0	708.3	441.3	203.8	150.3	118.4		
7	68.1	60.4	69.7	342.5	496.7	625.6	682.9	694.7	433.2	202.0	149.5	117.0		
8	66.5	59.9	69.2	236.1	545.0	622.4	677.9	686.3	423.9	199.3	148.7	114.9		
9	65.0	59.4	69.2	237.1	590.8	627.2	674.6	672.9	413.4	196.6	147.9	113.6		
10	64.0	58.0	69.2	257.3	604.9	648.2	664.6	661.3	401.8	193.0	146.4	112.2		
11	62.9	58.0	69.2	283.6	584.6	659.7	659.7	653.1	387.8	191.2	144.8	111.5		
12	62.4	58.0	71.9	283.6	616.0	666.3	654.8	645.0	377.8	189.5	143.3	110.8		
13	62.4	59.4	74.6	304.5	636.8	679.6	646.6	635.2	367.9	186.8	141.8	110.2		
14	61.9	61.9	78.0	322.6	643.3	684.6	640.1	625.6	356.9	183.3	141.8	108.2		
15	61.9	62.9	82.0	331.9	628.8	701.5	635.2	616.0	348.5	182.5	141.8	106.8		
16	60.9	62.9	84.9	346.1	612.8	715.1	627.2	609.6	336.6	179.9	141.0	106.2		
17	60.9	62.4	103.6	333.1	592.4	723.7	625.6	600.2	324.9	178.2	140.2	105.5		
18	60.4	62.4	95.2	311.2	570.7	730.6	661.3	593.9	316.9	174.8	139.5	104.2		
19	60.4	62.4	97.8	287.9	560.1	722.0	674.6	583.0	298.9	174.8	138.0	102.9		
20	59.4	61.9	101.6	276.1	549.5	715.1	672.9	578.4	283.6	173.9	137.2	101.6		
21	59.4	61.4	105.6	268.7	539.0	711.7	720.3	572.3	279.3	173.1	136.5	100.3		
22	59.4	61.4	114.9	267.7	563.1	694.7	748.0	566.1	269.8	171.4	135.0	99.7		
23	59.4	61.4	120.5	266.6	548.0	701.5	772.8	560.1	265.6	169.7	134.2	98.4		
24	58.9	61.4	124.8	268.7	570.7	693.0	889.1	551.0	258.3	167.2	132.8	96.5		
25	58.0	62.9	132.0	272.9	600.2	698.1	918.0	549.5	253.2	165.6	129.1	95.2		
26	57.0	64.0	138.7	275.0	611.2	711.7	908.3	543.5	246.1	164.8	128.4	94.0		
27	55.5	66.0	139.5	279.3	632.0	794.3	889.1	537.5	239.1	163.9	127.6	94.0		
28	55.5	67.6	140.2	311.2	649.8	862.5	862.5	528.7	234.2	162.3	126.9	94.0		
29	55.5	67.6	142.5	392.9		847.6	829.0	521.3	231.2	161.5	126.2	93.4		
30	55.5	68.7	148.7	428.9		797.9	803.4	512.6	224.5	159.9	125.5	92.1		
31	58.0		152.6	434.6		735.8		505.4		158.2	124.0			
MEAN	62.3	62.0	98.3	281.4	565.0	698.7	724.2	621.6	346.3	183.5	140.3	107.0	322.4	
MAX.	71.9	68.7	152.6	434.6	649.8	862.5	918.0	785.3	493.9	219.7	156.6	123.3	918.0	
MIN.	55.5	58.0	69.2	159.9	430.6	622.4	625.6	505.4	224.5	158.2	124.0	92.1	55.5	

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^2$
 [Flow Regime (m3/s)]:
 Q(95day): 572.3 Q(185day): 196.6 Q(275day): 101.6 Q(355day): 58.0

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

HM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1988/89	[WATER LEVEL (m)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.68	1.63	1.71	1.93	2.67	3.17	3.12	2.88		2.04	1.91			
2	1.68	1.63	1.70	1.96	2.74	3.14	3.12	2.87		2.03	1.91			
3	1.67	1.62	1.71	1.96	2.83	3.12	3.17	2.86		2.02	1.91			
4	1.67	1.62	1.71	1.96	2.91	3.10	3.22	2.85		2.01	1.90			
5	1.66	1.62	1.71	1.96	2.95	3.08	3.23	2.84		2.01	1.90			
6	1.66	1.62	1.72	1.97	3.03	3.07	3.23	2.83		2.00	1.90			
7	1.66	1.63	1.73	1.99	3.12	3.07	3.21	2.82		2.00	1.89			
8	1.65	1.63	1.73	1.99	3.20	3.05	3.19	2.80		2.00	1.89			
9	1.65	1.64	1.74	1.99	3.27	3.04	3.17	2.79		1.99	1.88			
10	1.65	1.64	1.75	2.03	3.41	3.04	3.16	2.78		1.99	1.88			
11	1.64	1.66	1.75	2.06	3.45	3.03	3.14	2.76		1.98	1.88			
12	1.64	1.66	1.76	2.09	3.44	3.03	3.12	2.75		1.98	1.87			
13	1.64	1.66	1.77	2.12	3.43	3.03	3.11	2.74		1.98	1.87			
14	1.64	1.66	1.80	2.16	3.43	3.03	3.09	2.71		1.97	1.87			
15	1.63	1.66	1.81	2.22	3.38	3.05	3.08	2.69		1.96	1.87			
16	1.63	1.66	1.83	2.25	3.34	3.06	3.08	2.68		1.96	1.86			
17	1.63	1.67	1.85	2.28	3.38	3.06	3.06	2.66		1.96	1.86			
18	1.63	1.67	1.87	2.28	3.43	3.04	3.05	2.64		1.96	1.86			
19	1.62	1.67	1.87	2.28	3.48	3.03	3.04	2.62		1.95	1.86			
20	1.62	1.68	1.87	2.28	3.45	3.02	3.02	2.60		1.94	1.86			
21	1.65	1.69	1.87	2.30	3.44	3.01	3.00	2.57		1.94	1.85			
22	1.65	1.70	1.88	2.31	3.48	3.00	2.98	2.55		1.94	1.84			
23	1.66	1.70	1.88	2.34	3.54	2.99	2.96	2.52		1.94	1.84			
24	1.66	1.71	1.88	2.37	3.54	2.99	2.95	2.50		1.94	1.83			
25	1.67	1.73	1.88	2.39	3.46	2.99	2.94	2.47		1.93	1.83			
26	1.67	1.71	1.88	2.48	3.35	3.01	2.90	2.45		1.93	1.82			
27	1.66	1.69	1.88	2.49	3.26	3.01	2.91	2.47		1.92	1.82			
28	1.66	1.69	1.88	2.50	3.21	3.06	2.90	2.44		1.92	1.82			
29	1.65	1.69	1.88	2.52		3.11	2.89	2.42		1.92	1.82			
30	1.65	1.68	1.88	2.58		3.12	2.89	2.40		1.91	1.81			
31	1.64		1.90	2.59		3.11		2.37		1.91	1.81			
MEAN	1.65	1.66	1.81	2.21	3.27	3.05	3.06	2.66		1.97	1.86			2.31
MAX.	1.68	1.73	1.90	2.59	3.54	3.17	3.23	2.88		2.04	1.91			3.54
MIN.	1.62	1.62	1.70	1.93	2.67	2.99	2.89	2.37		1.91	1.81			1.62

QM	ST.: 4-669 KAFUE HOOK BRIDGE												YEAR : 1988/89	[DISCHARGE (m3/sec)]
N	DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	60.9	52.7	66.0	108.8	330.7	549.5	525.7	416.1	194.7	133.5	105.5	105.5		
2	60.4	52.7	65.0	115.6	358.1	536.1	525.7	412.1	194.7	132.0	104.2	105.5		
3	59.9	52.2	66.0	115.6	396.7	524.3	549.5	408.2	192.0	130.5	103.6	103.8		
4	59.4	52.2	66.0	115.6	430.6	516.9	573.8	403.1	191.5	127.6	102.9	103.4		
5	58.4	52.2	66.0	114.9	448.0	509.7	580.0	400.5	188.3	126.9	102.9	101.3		
6	58.0	52.2	68.1	118.4	485.4	503.9	580.0	395.4	187.3	125.5	102.3	100.6		
7	57.5	52.7	69.2	121.9	524.3	501.0	572.3	391.6	186.7	125.5	100.3	100.3		
8	57.5	53.6	70.3	121.9	566.1	492.5	563.1	385.3	186.7	124.0	99.7	100.3		
9	56.5	55.1	71.3	121.9	601.8	491.1	552.5	379.0	186.7	123.3	99.0	100.3		
10	55.5	55.1	72.4	132.3	676.2	486.8	546.5	375.3	184.7	122.6	97.8	98.9		
11	55.1	57.0	73.5	138.7	699.2	484.0	534.6	369.1	181.1	121.2	97.8	96.6		
12	54.6	57.0	75.2	147.9	694.7	484.0	525.7	361.7	179.6	119.8	97.1	95.6		
13	54.6	58.0	76.3	154.2	688.0	484.0	519.9	358.1	177.6	119.1	96.5	94.3		
14	54.1	58.0	81.4	165.6	686.3	485.4	514.0	348.5	176.6	117.0	95.9	93.6		
15	53.2	58.0	84.9	180.7	658.0	492.5	503.2	341.3	176.1	116.3	95.2	93.3		
16	53.2	58.4	87.3	191.2	640.1	499.6	505.4	335.4	176.1	115.6	94.6	93.3		
17	52.7	58.9	92.1	199.3	659.7	496.7	499.6	327.3	175.6	115.6	94.0	93.0		
18	52.7	59.4	95.2	200.2	684.6	491.1	493.9	319.2	174.6	114.9	94.0	92.3		
19	52.2	59.9	96.5	199.3	715.1	484.0	489.6	313.5	171.7	113.6	93.4	90.4		
20	52.2	61.4	95.2	200.2	696.4	478.4	478.4	305.6	171.7	112.2	93.4	90.4		
21	55.5	62.9	96.5	205.7	694.7	472.8	470.0	295.6	171.7	112.2	91.5	90.4		
22	57.0	64.5	98.4	208.4	716.8	470.0	463.1	287.9	171.7	111.5	90.9	90.4		
23	58.0	65.0	97.8	216.9	751.6	465.8	452.1	278.2	169.3	110.8	90.3	88.8		
24	58.4	66.0	99.0	226.4	746.3	464.4	446.7	270.8	167.4	110.2	88.5	87.6		
25	58.9	68.7	99.0	234.2	701.5	464.4	442.6	261.4	167.0	109.5	87.3	87.3		
26	58.9	66.5	98.4	262.4	645.0	472.8	425.3	252.2	165.1	108.2	86.1	86.1		
27	58.4	63.4	98.4	265.6	598.6	477.0	429.2	258.3	166.5	106.8	86.1	87.0		
28	57.0	62.4	99.0	270.8	570.7	498.2	425.3	251.1	165.6	106.8	85.5	86.4		
29	55.5	61.9	98.4	278.2		522.8	422.6	243.1	180.7	106.2	85.5	96.3		
30	55.5	61.4	99.0	286.7		525.7	420.0	235.2	180.3	105.5	84.9	96.0		
31	55.1		102.9	301.1		522.8		228.3		105.5	84.3			
MEAN	56.4	58.7	84.7	184.9	609.5	495.1	501.2	329.3	178.6	117.1	94.5	95.0	230.9	
MAX.	60.9	68.7	102.9	301.1	751.6	549.5	580.0	416.1	194.7	133.5	105.5	105.5	751.6	
MIN.	52.2	52.2	65.0	108.8	330.7	464.4	420.0	228.3	165.1	105.5	84.3	86.1	52.2	

[Discharge Rating Curve]: $Q=110.511*(H-0.937)^{2.2}$

[Flow Regime (m3/s)]:

Q(95day): 385.3 Q(185day): 121.9 Q(275day): 88.8 Q(355day): 52.7

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

HM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1989/90 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.48	1.60	1.59	2.07	2.57	2.91	2.60	2.37	2.12	1.88	1.76	1.68	
2	1.48	1.60	1.60	2.13	2.57	2.87	2.63	2.37	2.11	1.88	1.75	1.68	
3	1.48	1.60	1.61	2.26	2.58	2.84	2.84	2.35	2.10	1.87	1.75	1.68	
4	1.49	1.60	1.62	2.19	2.60	2.80	2.91	2.33	2.08	1.87	1.75	1.67	
5	1.49	1.60	1.62	2.12	2.57	2.79	2.90	2.33	2.07	1.86	1.74	1.67	
6	1.49	1.60	1.63	2.10	2.72	2.76	2.90	2.32	2.06	1.86	1.74	1.67	
7	1.50	1.60	1.65	2.10	2.77	2.73	2.92	2.31	2.05	1.85	1.74	1.66	
8	1.50	1.60	1.65	2.10	2.74	2.72	2.92	2.31	2.04	1.84	1.74	1.66	
9	1.50	1.60	1.66	2.12	2.78	2.69	2.88	2.31	2.03	1.84	1.74	1.66	
10	1.50	1.60	1.66	2.12	2.85	2.68	2.84	2.31	2.02	1.84	1.74	1.65	
11	1.51	1.60	1.66	2.14	3.32	2.66	2.83	2.31	2.01	1.83	1.74	1.64	
12	1.51	1.60	1.71	2.17	3.37	2.64	2.80	2.31	2.01	1.83	1.74	1.64	
13	1.51	1.58	1.72	2.18	3.34	2.62	2.77	2.30	2.00	1.83	1.73	1.63	
14	1.52	1.58	1.69	2.18	3.23	2.60	2.75	2.30	1.99	1.82	1.73	1.63	
15	1.52	1.58	1.69	2.19	3.13	2.59	2.71	2.30	1.98	1.82	1.73	1.63	
16	1.52	1.60	1.69	2.23	3.11	2.57	2.69	2.30	1.98	1.81	1.73	1.63	
17	1.52	1.59	1.72	2.24	3.10	2.56	2.67	2.29	1.97	1.81	1.72	1.63	
18	1.53	1.59	1.73	2.25	3.06	2.54	2.65	2.29	1.96	1.80	1.72	1.62	
19	1.53	1.59	1.75	2.28	3.03	2.54	2.63	2.28	1.96	1.80	1.72	1.62	
20	1.53	1.59	1.77	2.31	2.97	2.53	2.62	2.26	1.95	1.80	1.71	1.62	
21	1.54	1.59	1.79	2.33	2.87	2.52	2.59	2.26	1.94	1.79	1.71	1.62	
22	1.54	1.58	1.80	2.35	2.82	2.51	2.57	2.24	1.94	1.78	1.71	1.61	
23	1.54	1.58	1.81	2.34	2.78	2.48	2.55	2.23	1.93	1.78	1.71	1.60	
24	1.55	1.58	1.82	2.33	2.77	2.58	2.52	2.22	1.92	1.78	1.70	1.59	
25	1.55	1.58	1.84	2.34	2.77	2.53	2.49	2.21	1.92	1.77	1.70	1.59	
26	1.55	1.57	1.87	2.34	2.78	2.50	2.47	2.19	1.91	1.77	1.70	1.59	
27	1.55	1.57	1.90	2.34	2.85	2.50	2.44	2.18	1.91	1.77	1.70	1.58	
28	1.56	1.57	1.92	2.34	2.93	2.49	2.42	2.17	1.91	1.76	1.69	1.58	
29	1.56	1.58	1.95	2.39		2.50	2.40	2.16	1.90	1.76	1.69	1.58	
30	1.56	1.58	2.01	2.51		2.50	2.39	2.15	1.89	1.76	1.69	1.58	
31	1.57		2.07	2.52		2.54		2.13		1.76	1.69		
MEAN	1.52	1.59	1.75	2.25	2.89	2.62	2.68	2.27	1.99	1.81	1.72	1.63	2.05
MAX.	1.57	1.60	2.07	2.52	3.37	2.91	2.92	2.37	2.12	1.88	1.76	1.68	3.37
MIN.	1.48	1.57	1.59	2.07	2.57	2.48	2.39	2.13	1.89	1.76	1.69	1.58	1.48

QM ST.: 4-669 KAFUE HOOK BRIDGE YEAR : 1989/90 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	32.4	48.2	47.7	141.0	294.5	431.9	305.6	228.3	155.0	99.0	74.1	61.4	
2	32.8	48.2	48.6	156.6	294.5	413.4	316.9	225.4	151.1	97.8	73.5	60.9	
3	33.1	48.2	50.0	193.9	300.0	399.2	399.2	219.7	148.7	97.1	73.0	60.4	
4	33.5	48.2	50.9	172.2	305.6	385.3	430.6	215.0	144.8	95.2	72.4	59.9	
5	33.9	48.2	51.8	155.0	295.6	380.3	423.9	213.1	141.8	94.6	71.9	59.4	
6	34.3	48.2	52.7	149.5	352.1	369.1	425.3	211.2	140.2	94.0	71.9	58.9	
7	34.6	48.2	55.5	149.5	371.6	356.9	433.2	209.4	138.0	92.8	71.3	58.4	
8	34.6	48.2	56.0	149.5	358.1	350.9	433.2	209.4	135.0	90.9	70.8	58.0	
9	35.0	48.2	58.0	154.2	375.3	341.3	408.2	208.4	132.8	90.3	70.8	57.5	
10	35.4	48.2	58.0	155.0	405.7	334.3	400.5	208.4	130.5	89.7	70.8	56.5	
11	35.8	48.2	57.5	160.7	627.2	327.3	394.1	207.5	128.4	88.5	70.8	55.1	
12	36.2	48.2	66.0	167.2	653.1	320.3	384.0	207.5	127.6	87.9	70.8	54.1	
13	36.5	46.4	67.1	170.6	636.8	313.5	372.8	206.6	124.8	87.3	70.3	53.6	
14	36.9	46.4	63.4	170.6	581.5	306.7	363.0	205.7	121.9	86.7	69.7	53.6	
15	37.3	46.4	62.4	174.8	531.6	302.3	348.5	203.8	121.2	85.5	68.7	53.6	
16	37.7	48.2	61.9	185.1	521.3	295.6	337.8	203.8	119.8	84.3	68.7	53.2	
17	38.1	47.7	67.1	186.8	516.9	291.2	330.7	202.9	117.0	83.7	68.1	52.7	
18	38.5	47.7	68.7	193.9	496.7	284.7	323.8	202.0	116.3	82.6	67.6	52.2	
19	38.9	47.7	72.4	199.3	484.0	283.6	318.1	199.3	114.9	82.0	67.1	51.3	
20	39.3	47.7	76.8	208.4	454.8	280.4	312.4	194.8	113.6	81.4	66.5	50.9	
21	39.7	47.3	79.7	215.9	414.7	278.2	303.4	192.1	112.2	80.3	65.5	50.9	
22	40.1	46.4	83.1	219.7	390.3	272.9	295.6	188.6	110.2	79.1	65.5	49.5	
23	40.5	46.0	83.7	218.7	375.3	264.5	286.9	185.1	108.2	78.5	65.5	48.2	
24	40.9	45.5	86.1	215.9	372.8	296.7	277.2	182.5	106.8	78.0	65.0	47.3	
25	41.3	45.1	90.3	218.7	371.6	280.4	266.6	178.2	106.2	77.4	65.0	47.3	
26	41.8	44.7	95.9	218.7	374.0	270.6	258.3	174.8	105.5	76.6	64.5	47.3	
27	42.2	44.2	101.6	217.8	405.7	268.7	249.1	171.4	104.2	76.3	64.0	46.4	
28	42.6	43.8	106.2	218.7	439.9	266.6	242.1	168.9	103.6	75.7	63.4	46.0	
29	43.0	45.1	112.9	233.2		268.7	238.1	165.6	101.6	75.2	62.9	46.0	
30	43.4	46.4	127.6	271.9		268.7	233.2	161.5	100.3	74.6	62.4	45.5	
31	43.9		141.0	276.1		284.7		157.4		74.1	61.9		
MEAN	37.9	47.0	74.2	190.9	428.6	315.8	337.1	197.0	122.7	85.1	68.2	53.2	161.2
MAX.	43.9	48.2	141.0	276.1	653.1	431.9	433.2	228.3	155.0	99.0	74.1	61.4	653.1
MIN.	32.4	43.8	47.7	141.0	294.5	264.5	233.2	157.4	100.3	74.1	61.9	45.5	32.4

[Discharge Rating Curve]: Q=110.511*(H-0.937)^2

[Flow Regime (m3/s)]:

Q(95day): 219.7 Q(185day): 101.6 Q(275day): 57.5 Q(355day): 35.8

