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

HM ST.: 4-350 CHILENGA 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.: 4-350 CHILENGA YEAR : 1959/60 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	9.4	8.5	14.3	118.8	129.5	329.7	325.4	146.4	60.0	37.6	28.8	18.7	
2	9.4	8.5	14.3	118.8	140.6	304.4	312.8	143.5	58.2	37.6	28.8	18.7	
3	9.4	9.4	14.3	118.8	146.4	284.1	304.4	135.0	56.3	37.6	27.5	18.7	
4	9.4	9.4	15.3	118.8	146.4	280.1	292.2	129.5	54.5	37.6	27.5	17.5	
5	9.4	12.2	15.3	113.6	129.5	284.1	288.1	124.1	54.5	37.6	27.5	17.5	
6	9.4	12.2	16.4	118.8	116.2	276.2	280.1	118.8	54.5	37.6	26.1	17.5	
7	9.4	12.2	16.4	126.8	121.5	268.4	276.2	113.6	52.7	36.1	26.1	17.5	
8	9.4	11.2	18.7	113.6	126.8	264.5	272.3	111.1	52.7	36.1	26.1	16.4	
9	9.4	10.3	19.9	106.1	121.5	272.3	272.3	106.1	50.9	36.1	26.1	16.4	
10	9.4	9.4	24.8	98.8	132.3	292.2	268.4	103.6	50.9	34.6	24.8	16.4	
11	9.4	9.4	28.8	84.9	167.3	300.3	260.7	98.8	49.1	34.6	24.8	16.4	
12	9.4	8.5	30.2	78.3	189.6	300.3	253.1	96.4	49.1	34.6	24.8	16.4	
13	8.5	8.5	28.8	80.4	196.2	317.0	245.6	94.0	49.1	34.6	23.5	15.3	
14	8.5	8.5	31.7	69.9	206.3	374.1	241.9	91.7	49.1	34.6	23.5	16.4	
15	8.5	8.5	33.1	62.0	209.7	426.0	238.2	87.1	47.4	34.6	23.5	16.4	
16	8.5	8.5	36.1	58.2	223.7	491.7	234.5	87.1	47.4	33.1	23.5	15.3	
17	8.5	7.6	37.6	52.7	245.6	573.3	230.9	82.6	45.7	33.1	23.5	15.3	
18	8.5	7.6	49.1	50.9	284.1	601.8	223.7	80.4	45.7	33.1	23.5	15.3	
19	8.5	7.6	45.7	47.4	300.3	590.3	220.2	78.3	45.7	33.1	22.3	15.3	
20	8.5	9.4	45.7	44.0	356.0	567.6	213.2	76.1	44.0	31.7	22.3	14.3	
21	8.5	10.3	47.4	45.7	491.7	539.9	209.7	74.0	44.0	31.7	22.3	14.3	
22	8.5	13.2	49.1	45.7	573.3	512.8	202.9	72.0	42.4	31.7	21.1	14.3	
23	8.5	15.3	44.0	47.4	573.3	545.4	196.2	69.9	42.4	30.2	21.1	14.3	
24	8.5	16.4	54.5	49.1	534.4	523.6	189.6	67.9	40.8	30.2	21.1	13.2	
25	8.5	17.5	76.1	63.9	465.9	518.2	179.9	67.9	40.8	30.2	21.1	13.2	
26	8.5	16.4	78.3	67.9	435.8	491.7	173.5	65.9	40.8	28.8	21.1	13.2	
27	8.5	16.4	67.9	62.0	397.3	445.7	170.4	63.9	40.8	28.8	19.9	13.2	
28	8.5	15.3	69.9	65.9	365.0	416.3	164.2	63.9	40.8	28.8	19.9	13.2	
29	7.6	15.3	63.9	67.9	342.7	387.9	161.2	62.0	39.2	28.8	19.9	13.2	
30	7.6	15.3	94.0	87.1		360.5	155.2	62.0	39.2	28.8	19.9	12.2	
31	7.6		126.8	106.1		338.4		60.0		28.8	18.7		
MEAN	8.7	11.3	42.2	80.3	268.8	402.5	235.2	91.4	47.6	33.3	23.6	15.5	104.7
MAX.	9.4	17.5	126.8	126.8	573.3	601.8	325.4	146.4	60.0	37.6	28.8	18.7	601.8
MIN.	7.6	7.6	14.3	44.0	116.2	264.5	155.2	60.0	39.2	28.8	18.7	12.2	7.6

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(y): 121.5 Q(185day): 44.0 Q(275day): 17.5 Q(355day): 8.5

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

HM ST.: 4-350 CHILENGA 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.: 4-350 CHILENGA YEAR : 1960/61 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	12.2	9.4	23.5	91.7	220.2	562.0	607.6	245.6	113.6	69.9	47.4	31.7	
2	12.2	9.4	22.3	113.6	245.6	529.0	584.6	238.2	113.6	67.9	47.4	30.2	
3	12.2	9.4	24.8	113.6	241.9	476.1	562.0	230.9	111.1	67.9	45.7	30.2	
4	12.2	9.4	23.5	121.5	234.5	440.8	523.6	223.7	108.6	65.9	45.7	30.2	
5	12.2	9.4	23.5	124.1	264.5	411.5	502.2	220.2	106.1	65.9	44.0	28.8	
6	12.2	9.4	21.1	116.2	280.1	392.6	476.1	213.2	103.6	65.9	44.0	28.8	
7	12.2	9.4	21.1	106.1	300.3	397.3	450.7	206.3	101.2	63.9	44.0	28.8	
8	12.2	9.4	21.1	103.6	309.6	421.1	430.9	199.5	98.8	63.9	42.4	27.5	
9	11.2	9.4	18.7	103.6	300.3	430.9	421.1	196.2	96.4	62.0	42.4	27.5	
10	11.2	11.2	18.7	103.6	300.3	450.7	411.5	189.6	94.0	62.0	40.8	27.5	
11	10.3	11.2	18.7	101.2	304.4	471.0	392.6	183.1	91.7	60.0	40.8	26.1	
12	10.3	11.2	18.7	96.4	296.2	518.2	383.3	179.9	91.7	60.0	39.2	26.1	
13	10.3	13.2	18.7	91.7	288.1	550.9	383.3	176.7	89.4	60.0	39.2	26.1	
14	10.3	13.2	22.3	87.1	296.2	562.0	387.9	173.5	89.4	58.2	39.2	24.8	
15	11.2	14.3	26.1	87.1	304.4	550.9	378.6	170.4	87.1	58.2	39.2	24.8	
16	11.2	16.4	28.8	101.2	342.7	518.2	360.5	167.3	84.9	56.3	39.2	23.5	
17	12.2	21.1	40.8	116.2	356.0	486.5	351.5	164.2	84.9	56.3	37.6	23.5	
18	12.2	22.3	47.4	132.3	360.5	465.9	360.5	164.2	82.6	54.5	37.6	23.5	
19	12.2	19.9	45.7	137.8	383.3	460.8	356.0	161.2	82.6	54.5	37.6	22.3	
20	12.2	18.7	40.8	118.8	416.3	481.3	342.7	158.2	80.4	54.5	37.6	22.3	
21	12.2	17.5	54.5	111.1	476.1	496.9	329.7	155.2	80.4	52.7	36.1	22.3	
22	12.2	18.7	74.0	111.1	573.3	518.2	317.0	152.2	78.3	52.7	36.1	21.1	
23	12.2	18.7	72.0	116.2	601.8	556.5	308.6	149.3	78.3	52.7	36.1	21.1	
24	12.2	17.5	74.0	116.2	584.6	619.3	300.3	143.5	78.3	50.9	34.6	21.1	
25	11.2	17.5	72.0	118.8	562.0	667.1	292.2	140.6	76.1	50.9	34.6	21.1	
26	10.3	18.7	69.9	164.2	545.4	661.0	284.1	135.0	74.0	50.9	34.6	19.9	
27	10.3	21.1	63.9	209.7	562.0	655.0	276.2	129.5	74.0	50.9	33.1	19.9	
28	10.3	22.3	67.9	199.5	573.3	649.0	268.4	126.8	72.0	49.1	33.1	19.9	
29	10.3	21.1	74.0	202.9		619.3	260.7	124.1	72.0	49.1	33.1	18.7	
30	9.4	27.5	74.0	209.7		584.6	253.1	121.5	69.9	49.1	33.1	18.7	
31	9.4		82.6	220.2		584.6		116.2		47.4	31.7		
MEAN	11.4	15.3	42.1	127.3	375.8	522.2	385.2	172.8	88.8	57.5	38.9	24.6	153.7
MAX.	12.2	27.5	82.6	220.2	601.8	667.1	607.6	245.6	113.6	69.9	47.4	31.7	667.1
MIN.	9.4	9.4	18.7	87.1	220.2	392.6	253.1	116.2	69.9	47.4	31.7	18.7	9.4

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 220.2 Q(185day): 72.0 Q(275day): 24.8 Q(355day): 9.4

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

HM ST.: 4-350 CHILENGA YEAR : 1961/62 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-350 CHILENGA YEAR : 1961/62 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	18.7	18.7	74.0	300.3	426.0	834.6	954.2	637.0	276.2	161.2	116.2	80.4	
2	18.7	21.1	78.3	268.4	450.7	834.6	961.4	631.1	272.3	158.2	113.6	78.3	
3	17.5	18.7	78.3	241.9	539.9	834.6	1028.2	625.2	264.5	158.2	113.6	76.1	
4	17.5	18.7	74.0	245.6	607.6	807.6	1066.3	613.5	256.8	158.2	111.1	76.1	
5	17.5	17.5	74.0	264.5	649.0	768.0	1035.8	590.3	253.1	155.2	111.1	74.0	
6	17.5	17.5	87.1	280.1	673.2	729.3	983.5	625.2	249.3	152.2	111.1	74.0	
7	17.5	18.7	96.4	296.2	697.9	697.9	925.3	545.4	241.9	152.2	111.1	72.0	
8	16.4	21.1	101.2	329.7	697.9	685.5	875.9	523.6	238.2	152.2	108.6	72.0	
9	16.4	23.5	121.5	360.5	704.1	685.5	841.4	502.2	234.5	149.3	108.6	69.9	
10	16.4	30.2	129.5	360.5	729.3	679.3	821.1	486.5	227.3	146.4	106.1	67.9	
11	16.4	33.1	132.3	347.1	729.3	710.4	821.1	471.0	223.7	146.4	103.6	67.9	
12	16.4	40.8	132.3	347.1	704.1	787.7	855.1	460.8	220.2	143.5	103.6	65.9	
13	16.4	49.1	137.8	365.0	691.7	834.6	889.9	445.7	213.2	143.5	103.6	65.9	
14	16.4	63.9	129.5	378.6	679.3	821.1	875.9	435.8	209.7	140.6	101.2	63.9	
15	15.3	67.9	129.5	383.3	661.0	800.9	834.6	421.1	206.3	140.6	101.2	63.9	
16	15.3	80.4	135.0	374.1	655.0	781.1	794.3	411.5	202.9	137.8	98.8	63.9	
17	15.3	89.4	143.5	365.0	667.1	755.0	761.5	402.0	196.2	135.0	98.8	63.9	
18	15.3	82.6	183.1	351.5	667.1	748.5	735.7	387.9	192.9	135.0	96.4	63.9	
19	15.3	87.1	216.7	351.5	661.0	768.0	716.7	378.6	189.6	135.0	96.4	63.9	
20	14.3	84.9	238.2	347.1	667.1	814.3	697.9	369.5	189.6	132.3	94.0	62.0	
21	14.3	89.4	253.1	347.1	691.7	882.9	679.3	365.0	186.3	132.3	94.0	62.0	
22	14.3	96.4	272.3	334.0	787.7	983.5	667.1	356.0	183.1	129.5	94.0	60.0	
23	14.3	91.7	272.3	347.1	882.9	1035.8	649.0	347.1	176.7	129.5	94.0	60.0	
24	15.3	84.9	260.7	378.6	911.1	1112.8	637.0	338.4	173.5	126.8	91.7	60.0	
25	15.3	82.6	260.7	411.5	889.9	1058.6	625.2	329.7	173.5	126.8	91.7	56.3	
26	14.3	84.9	272.3	416.3	855.1	1005.7	625.2	325.4	170.4	124.1	89.4	54.5	
27	15.3	108.6	280.1	406.7	814.3	976.1	637.0	317.0	167.3	121.5	87.1	54.5	
28	15.3	101.2	292.2	402.0	814.3	968.8	661.0	308.6	164.2	118.8	84.9	54.5	
29	16.4	89.4	325.4	397.3		976.1	655.0	300.3	164.2	118.8	84.9	52.7	
30	16.4	78.3	347.1	383.3		990.8	649.0	292.2	161.2	118.8	82.6	50.9	
31	16.4		334.0	402.0		983.5		284.1		116.2	80.4		
MEAN	16.1	59.7	182.7	347.9	700.2	850.1	798.7	436.4	209.3	138.6	99.5	65.0	322.7
MAX.	18.7	108.6	347.1	416.3	911.1	1112.8	1066.3	637.0	276.2	161.2	116.2	80.4	1112.8
MIN.	14.3	17.5	74.0	241.9	426.0	679.3	625.2	284.1	161.2	116.2	80.4	50.9	14.3

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 523.6 Q(185day): 186.3 Q(275day): 84.9 Q(355day): 15.3

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

HM ST.: 4-350 CHILENGA YEAR : 1962/63 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
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QM ST.: 4-350 CHILENGA YEAR : 1962/63 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	54.9	36.4	77.3	475.9	633.1	886.8	761.0	398.8	182.5	130.8	98.8	71.3	
2	53.2	36.4	77.3	491.1	610.1	879.9	742.0	389.6	179.4	128.2	98.8	69.4	
3	53.2	35.1	83.4	501.4	633.1	866.3	729.5	385.1	176.4	128.2	96.5	69.4	
4	51.6	35.1	87.7	511.8	639.0	852.7	710.9	371.6	173.3	125.6	96.5	67.5	
5	51.6	33.7	89.9	522.3	644.8	846.0	698.6	362.8	170.3	125.6	96.5	67.5	
6	51.6	32.4	101.1	527.6	656.6	839.3	686.5	354.0	167.3	123.0	94.3	67.5	
7	49.9	32.4	110.6	538.3	668.5	826.0	668.5	341.1	167.3	123.0	94.3	65.6	
8	49.9	32.4	125.6	538.3	674.4	819.4	656.6	332.7	164.3	123.0	92.1	65.6	
9	48.3	32.4	144.3	559.9	680.5	812.8	644.8	324.3	161.4	123.0	92.1	65.6	
10	48.3	31.1	167.3	604.4	686.5	819.4	627.3	316.0	158.5	120.5	92.1	63.8	
11	48.3	29.9	173.3	644.8	692.5	826.0	615.8	307.9	158.5	120.5	92.1	63.8	
12	46.8	31.1	185.7	668.5	698.6	839.3	604.4	295.9	155.6	120.5	89.9	61.9	
13	46.8	35.1	195.2	686.5	710.9	859.5	587.5	288.0	155.6	120.5	87.7	61.9	
14	45.2	37.8	208.3	704.8	735.7	886.8	570.9	280.2	152.7	118.0	87.7	60.1	
15	45.2	53.2	218.4	710.9	761.0	893.7	559.9	272.5	152.7	118.0	85.6	60.1	
16	43.7	54.9	225.3	717.1	780.2	886.8	543.6	261.2	149.9	115.5	85.6	58.4	
17	43.7	54.9	235.8	723.3	799.7	886.8	532.9	257.5	147.1	115.5	85.6	56.6	
18	43.7	56.6	242.9	723.3	826.0	893.7	517.0	242.9	147.1	115.5	83.4	56.6	
19	42.2	56.6	250.2	717.1	859.5	893.7	501.4	239.3	147.1	113.0	83.4	56.6	
20	42.2	58.4	261.2	704.8	879.9	893.7	486.0	235.8	144.3	113.0	81.4	56.6	
21	42.2	60.1	265.0	698.6	886.8	886.8	470.9	232.3	144.3	110.6	79.3	54.9	
22	40.7	61.9	268.7	686.5	886.8	879.9	460.9	225.3	141.6	110.6	79.3	54.9	
23	40.7	61.9	299.8	674.4	886.8	873.1	451.1	218.4	141.6	108.2	79.3	53.2	
24	40.7	65.6	354.0	662.5	886.8	859.5	441.3	215.0	138.8	108.2	77.3	53.2	
25	39.2	67.5	376.1	656.6	886.8	846.0	431.7	208.3	138.8	105.8	77.3	53.2	
26	39.2	69.4	403.4	650.7	886.8	832.6	426.9	205.0	138.8	105.8	75.3	51.6	
27	37.8	69.4	426.9	644.8	879.9	819.4	422.2	201.7	136.1	103.4	75.3	51.6	
28	37.8	73.3	431.7	639.0	879.9	812.8	417.4	195.2	133.5	103.4	73.3	49.9	
29	37.8	75.3	446.2	633.1		793.2	412.7	161.4	133.5	101.1	73.3	49.9	
30	36.4	75.3	446.2	633.1		780.2	408.0	188.8	130.8	101.1	73.3	48.3	
31	36.4		460.9	633.1		773.8		185.7		98.8	71.3		
MEAN	44.8	49.5	240.0	628.5	762.5	850.5	559.6	274.0	153.0	115.4	85.4	59.6	316.2
MAX.	54.9	75.3	460.9	723.3	886.8	893.7	761.0	398.8	182.5	130.8	98.8	71.3	893.7
MIN.	36.4	29.9	77.3	475.9	610.1	773.8	408.0	161.4	130.8	98.8	71.3	48.3	29.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 570.9 Q(185day): 155.6 Q(275day): 73.3 Q(355day): 35.1

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

HM ST.: 4-350 CHILENGA YEAR : 1963/64 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1													
2													
3													
4													
5													
6													
7													
8													
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24													
25													
26													
27													
28													
29													
30													
31													
MEAN													
MAX.													
MIN.													

QM ST.: 4-350 CHILENGA YEAR : 1963/64 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	48.0	42.9	86.8	142.4	320.2	605.0	325.1	132.1	77.9	62.9	53.6	41.6	
2	47.4	43.2	84.9	145.7	337.3	595.4	312.8	129.5	77.1	62.5	53.1	41.3	
3	46.8	44.7	84.9	146.8	352.3	588.6	302.3	126.4	76.3	62.1	52.4	41.1	
4	46.8	46.6	84.9	149.1	365.4	578.6	293.5	123.8	75.9	61.9	52.1	41.0	
5	46.4	47.7	89.0	151.0	380.1	568.7	284.5	120.5	75.3	61.6	51.9	40.5	
6	46.1	48.5	91.8	154.2	398.3	558.8	274.4	118.0	74.7	61.4	51.6	39.7	
7	45.5	49.5	98.1	160.2	412.3	547.4	265.4	115.2	74.1	61.0	51.1	39.2	
8	45.0	53.4	110.1	167.6	431.7	534.5	256.0	112.5	73.7	60.5	50.6	38.8	
9	44.7	56.5	121.0	174.8	447.2	523.4	247.3	110.6	73.1	60.1	50.4	38.7	
10	44.6	57.5	131.9	184.4	456.0	509.2	240.1	107.7	72.3	59.8	50.3	38.5	
11	44.0	59.3	139.1	208.0	482.5	492.2	232.6	105.8	71.9	59.8	50.1	38.5	
12	43.7	62.1	148.2	221.5	504.5	479.4	225.3	103.7	71.1	59.4	49.9	38.4	
13	43.1	67.9	155.9	242.2	516.5	466.4	219.1	100.9	70.0	58.9	49.9	38.1	
14	42.5	68.1	161.4	261.6	526.0	454.5	212.7	99.0	69.4	58.7	49.8	37.4	
15	42.3	65.4	166.7	277.1	535.0	444.2	206.0	97.0	68.8	58.6	49.5	37.0	
16	42.0	63.0	170.3	287.2	562.1	434.6	200.4	95.6	67.9	58.4	49.0	36.7	
17	41.4	61.6	170.6	291.5	588.1	427.4	194.6	94.3	67.5	58.4	48.7	36.4	
18	40.7	61.2	171.2	291.5	618.1	422.6	189.1	92.7	67.5	58.2	48.5	36.0	
19	40.0	62.1	167.6	289.2	628.5	417.9	183.5	91.2	66.9	57.9	48.0	35.6	
20	39.2	62.1	163.2	282.1	634.3	415.1	177.6	89.7	66.4	57.2	47.4	35.3	
21	38.5	62.1	159.4	273.7	632.6	411.3	172.4	88.6	66.0	57.0	47.1	34.5	
22	38.0	62.9	154.7	269.1	633.7	406.2	166.4	87.3	65.8	56.8	46.4	34.3	
23	37.7	65.8	150.7	265.4	634.9	402.5	161.1	86.2	65.6	56.6	45.8	33.7	
24	37.3	74.1	149.1	267.2	635.5	397.9	157.0	84.7	65.6	56.3	45.5	33.3	
25	36.7	79.3	148.8	265.0	633.7	389.6	150.5	83.9	65.4	55.8	45.2	32.9	
26	36.6	81.6	150.7	262.4	628.5	382.8	148.8	82.6	65.2	55.4	44.9	32.7	
27	37.3	83.7	151.9	265.4	622.1	378.8	143.5	81.8	65.1	55.3	44.4	32.5	
28	38.2	85.8	150.2	274.1	616.4	367.2	139.6	80.7	64.3	54.9	44.1	32.0	
29	39.5	86.6	147.4	317.3	604.4	354.0	138.3	80.1	63.9	54.6	43.1	31.6	
30	41.6	86.8	143.5	289.6		345.4	135.6	79.3	63.2	53.9	42.8	31.1	
31	43.2		141.8	307.1		335.2		78.3		53.7	41.9		
MEAN	42.1	63.1	137.0	235.0	519.1	459.2	211.8	99.3	69.6	58.4	48.4	36.6	164.0
MAX.	48.0	86.8	171.2	317.3	635.5	605.0	325.1	132.1	77.9	62.9	53.6	41.6	635.5
MIN.	36.6	42.9	84.9	142.4	320.2	335.2	135.6	78.3	63.2	53.7	41.9	31.1	31.1

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 208.0 Q(185day): 80.7 Q(275day): 50.6 Q(355day): 35.6

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

HM ST.: 4-350 CHILENGA YEAR : 1964/65 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.39	1.18	1.61	2.63	5.66	5.90	5.35	3.86	2.45	1.98	1.76	1.49	
2	1.37	1.17	1.67	2.79	5.68	5.90	5.31	3.79	2.43	1.97	1.76	1.49	
3	1.37	1.17	1.72	2.96	5.72	5.90	5.27	3.71	2.40	1.95	1.75	1.48	
4	1.36	1.17	1.76	3.15	5.73	5.90	5.24	3.65	2.38	1.94	1.75	1.47	
5	1.35	1.19	1.78	3.22	5.74	5.89	5.20	3.58	2.35	1.93	1.74	1.46	
6	1.34	1.19	1.81	3.29	5.75	5.88	5.17	3.51	2.34	1.92	1.73	1.45	
7	1.33	1.20	1.80	3.36	5.76	5.88	5.14	3.45	2.32	1.91	1.71	1.44	
8	1.32	1.21	1.80	3.43	5.75	5.86	5.12	3.39	2.30	1.91	1.71	1.42	
9	1.31	1.21	1.85	3.46	5.74	5.85	5.09	3.33	2.28	1.90	1.70	1.41	
10	1.30	1.21	1.87	3.63	5.72	5.83	5.06	3.27	2.26	1.89	1.68	1.40	
11	1.30	1.21	1.87	3.72	5.72	5.81	5.02	3.21	2.25	1.89	1.67	1.40	
12	1.28	1.22	1.84	3.83	5.72	5.79	4.99	3.15	2.23	1.89	1.66	1.40	
13	1.27	1.25	1.83	3.96	5.72	5.78	4.95	3.10	2.23	1.89	1.65	1.42	
14	1.27	1.29	1.83	4.11	5.70	5.76	4.90	3.04	2.22	1.89	1.64	1.43	
15	1.26	1.31	1.84	4.28	5.70	5.74	4.86	3.00	2.20	1.88	1.63	1.43	
16	1.26	1.34	1.85	4.45	5.70	5.72	4.81	2.95	2.19	1.87	1.62	1.42	
17	1.25	1.34	1.86	4.61	5.70	5.70	4.75	2.90	2.18	1.87	1.61	1.41	
18	1.25	1.35	1.86	4.74	5.70	5.68	4.69	2.86	2.17	1.87	1.59	1.40	
19	1.23	1.36	1.86	4.86	5.70	5.67	4.64	2.82	2.16	1.86	1.58	1.39	
20	1.23	1.36	1.86	4.98	5.75	5.66	4.58	2.78	2.14	1.86	1.58	1.39	
21	1.22	1.35	1.83	5.08	5.76	5.65	4.52	2.75	2.13	1.85	1.56	1.37	
22	1.22	1.37	1.83	5.17	5.78	5.64	4.46	2.72	2.11	1.85	1.56	1.36	
23	1.19	1.37	1.83	5.25	5.80	5.62	4.40	2.68	2.09	1.84	1.55	1.34	
24	1.19	1.39	1.83	5.33	5.82	5.60	4.34	2.65	2.08	1.83	1.54	1.31	
25	1.18	1.40	1.94	5.39	5.84	5.58	4.28	2.62	2.06	1.83	1.53	1.28	
26	1.17	1.40	2.00	5.43	5.87	5.55	4.21	2.60	2.05	1.82	1.52	1.26	
27	1.16	1.41	2.05	5.48	5.88	5.52	4.15	2.57	2.03	1.81	1.52	1.26	
28	1.16	1.43	2.11	5.51	5.90	5.49	4.08	2.54	2.02	1.80	1.51	1.24	
29	1.16	1.48	2.18	5.55		5.45	4.00	2.52	2.01	1.80	1.51	1.24	
30	1.16	1.54	2.30	5.60		5.39	3.93	2.50	1.99	1.78	1.50	1.23	
31	1.18		2.47	5.63		5.38		2.47		1.77	1.49		
MEAN	1.26	1.30	1.89	4.35	5.75	5.71	4.75	3.03	2.20	1.87	1.62	1.38	2.91
MAX.	1.39	1.54	2.47	5.63	5.90	5.90	5.35	3.86	2.45	1.98	1.76	1.49	5.90
MIN.	1.16	1.17	1.61	2.63	5.66	5.38	3.93	2.47	1.99	1.77	1.49	1.23	1.16

QM ST.: 4-350 CHILENGA YEAR : 1964/65 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	29.3	22.9	36.8	82.8	393.5	456.3	318.7	162.0	73.1	51.2	42.4	32.8	
2	28.9	22.8	39.1	91.4	398.1	457.1	309.8	157.0	72.2	50.7	42.2	32.7	
3	28.8	22.6	41.0	101.1	409.7	457.1	301.7	151.2	70.6	50.2	42.0	32.2	
4	28.5	22.8	42.5	113.3	411.3	456.3	295.0	146.3	69.6	49.8	42.0	31.9	
5	28.1	23.2	43.3	117.7	414.4	452.2	287.1	141.6	68.4	49.2	41.5	31.6	
6	27.8	23.3	44.5	122.1	417.6	449.7	279.3	136.9	67.9	48.9	41.2	31.3	
7	27.3	23.7	44.0	126.3	418.4	450.5	274.2	132.5	66.7	48.6	40.6	31.1	
8	27.1	23.9	44.0	131.2	416.8	446.5	270.8	128.3	65.6	48.2	40.4	30.2	
9	26.9	23.9	46.1	133.3	412.9	443.2	268.1	124.7	64.8	47.9	40.0	29.9	
10	26.6	23.9	46.9	145.0	409.7	438.3	265.2	120.7	64.1	47.7	39.5	29.7	
11	26.4	23.9	46.7	152.1	407.4	432.7	261.7	117.0	63.5	47.7	38.9	29.7	
12	26.0	24.1	45.7	159.5	407.4	427.1	258.5	113.1	62.7	47.7	38.6	29.7	
13	25.7	24.9	45.2	169.9	407.4	423.1	254.4	109.8	62.2	47.7	38.2	30.2	
14	25.6	26.2	45.4	181.9	403.5	418.4	250.4	106.5	61.8	47.6	37.8	30.5	
15	25.4	26.9	45.7	195.5	404.3	414.4	246.1	103.7	61.1	47.3	37.6	30.5	
16	25.3	27.7	46.0	209.4	404.3	408.2	241.4	100.8	60.6	46.9	37.1	30.3	
17	25.1	27.9	46.5	223.5	403.5	403.5	236.3	98.1	60.0	46.7	36.7	30.0	
18	24.9	28.1	46.5	235.2	403.5	399.7	231.1	95.4	59.7	46.6	36.1	29.6	
19	24.6	28.4	46.3	246.4	403.5	396.6	226.2	93.1	59.2	46.5	35.8	29.4	
20	24.5	28.3	46.2	257.9	415.2	394.3	220.5	91.0	58.3	46.2	35.6	29.2	
21	24.2	28.2	45.2	267.3	419.2	391.2	215.7	89.0	57.8	46.1	35.2	28.8	
22	24.1	28.6	45.1	280.6	424.7	387.4	210.4	87.3	57.0	45.8	35.0	28.4	
23	23.3	28.9	45.1	298.3	430.3	382.9	205.2	85.4	56.1	45.5	34.6	27.6	
24	23.2	29.2	45.4	314.5	435.1	378.4	200.3	83.8	55.5	45.4	34.4	26.9	
25	22.9	29.5	49.5	327.7	440.8	373.1	195.3	82.3	54.8	45.2	34.1	25.8	
26	22.7	29.5	52.0	338.2	447.3	365.7	189.8	80.8	54.1	44.7	33.8	25.5	
27	22.5	29.9	54.5	349.7	451.4	358.4	184.3	79.4	53.6	44.3	33.6	25.4	
28	22.4	30.7	57.0	356.9	455.5	351.1	178.7	77.9	52.9	44.1	33.4	24.8	
29	22.3	32.2	60.1	366.5		343.2	173.0	76.7	52.4	43.9	33.2	24.7	
30	22.3	34.3	65.9	379.1		329.1	167.3	75.6	51.9	43.3	32.9	24.6	
31	23.0		74.2	385.9		326.3		74.3		42.8	32.6		
MEAN	25.3	26.7	47.8	221.3	416.7	406.8	240.6	107.2	61.3	46.9	37.3	29.2	137.2
MAX.	29.3	34.3	74.2	385.9	455.5	457.1	318.7	162.0	73.1	51.2	42.4	32.8	457.1
MIN.	22.3	22.6	36.8	82.8	393.5	326.3	167.3	74.3	51.9	42.8	32.6	24.6	22.3

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
(Flow Regime (m3/s)):
Q(95day): 215.7 Q(185day): 52.4 Q(275day): 32.8 Q(355day): 23.0

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

HM ST.: 4-350 CHILENGA YEAR : 1965/66 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.23	1.12	1.37	2.44	3.07	4.92	5.60	3.99	2.47	1.87	1.57	1.36	
2	1.23	1.12	1.37	2.46	3.42	4.98	5.56	3.92	2.45	1.87	1.56	1.36	
3	1.23	1.11	1.38	2.46	3.46	5.02	5.54	3.84	2.43	1.86	1.55	1.35	
4	1.22	1.12	1.43	2.46	3.51	5.08	5.52	3.75	2.41	1.85	1.54	1.34	
5	1.22	1.10	1.48	2.46	3.52	5.25	5.51	3.73	2.39	1.84	1.53	1.34	
6	1.22	1.10	1.46	2.46	3.53	5.29	5.49	3.61	2.36	1.83	1.52	1.34	
7	1.21	1.09	1.46	2.46	3.53	5.33	5.47	3.58	2.33	1.82	1.51	1.33	
8	1.21	1.08	1.49	2.46	3.54	5.38	5.44	3.51	2.30	1.81	1.51	1.33	
9	1.21	1.08	1.51	2.47	3.58	5.38	5.42	3.43	2.29	1.80	1.50	1.32	
10	1.21	1.08	1.52	2.48	3.68	5.38	5.41	3.34	2.27	1.79	1.49	1.32	
11	1.22	1.09	1.63	2.48	3.80	5.38	5.38	3.29	2.22	1.78	1.49	1.31	
12	1.22	1.10	1.70	2.49	3.92	5.34	5.37	3.25	2.19	1.77	1.48	1.30	
13	1.22	1.10	1.79	2.50	4.07	5.37	5.35	3.16	2.17	1.76	1.48	1.30	
14	1.21	1.14	1.82	2.51	4.16	5.40	5.29	3.09	2.12	1.75	1.47	1.30	
15	1.20	1.19	1.87	2.52	4.26	5.47	5.24	3.03	2.11	1.75	1.47	1.29	
16	1.19	1.23	1.91	2.53	4.35	5.50	5.17	2.97	2.08	1.73	1.47	1.28	
17	1.18	1.26	1.97	2.53	4.41	5.54	5.09	2.94	2.06	1.72	1.46	1.27	
18	1.17	1.25	2.03	2.53	4.46	5.57	5.03	2.91	2.04	1.71	1.46	1.26	
19	1.17	1.25	2.12	2.53	4.51	5.60	4.97	2.88	2.01	1.69	1.45	1.25	
20	1.17	1.26	2.15	2.52	4.58	5.63	4.88	2.85	1.99	1.68	1.45	1.23	
21	1.17	1.30	2.21	2.52	4.61	5.64	4.79	2.82	1.96	1.67	1.44	1.22	
22	1.17	1.33	2.28	2.53	4.65	5.66	4.69	2.79	1.93	1.66	1.44	1.21	
23	1.18	1.34	2.33	2.54	4.69	5.66	4.60	2.78	1.90	1.65	1.43	1.20	
24	1.17	1.35	2.37	2.55	4.72	5.67	4.51	2.76	1.89	1.64	1.42	1.19	
25	1.17	1.37	2.40	2.58	4.78	5.68	4.45	2.72	1.88	1.62	1.41	1.19	
26	1.16	1.36	2.43	2.62	4.82	5.70	4.37	2.69	1.88	1.61	1.40	1.18	
27	1.15	1.31	2.44	2.67	4.86	5.72	4.30	2.66	1.88	1.60	1.40	1.18	
28	1.15	1.30	2.44	2.71	4.89	5.72	4.22	2.61	1.88	1.59	1.39	1.17	
29	1.14	1.29	2.43	2.79		5.69	4.15	2.57	1.87	1.58	1.39	1.17	
30	1.14	1.34	2.43	2.83		5.65	4.07	2.54	1.87	1.57	1.37	1.16	
31	1.13		2.44	2.91		5.62		2.51		1.56	1.37		
MEAN	1.19	1.20	1.92	2.55	4.12	5.46	5.03	3.11	2.12	1.72	1.47	1.27	2.59
MAX.	1.23	1.37	2.44	2.91	4.89	5.72	5.60	3.99	2.47	1.87	1.57	1.35	5.72
MIN.	1.13	1.08	1.37	2.44	3.07	4.92	4.07	2.51	1.87	1.56	1.37	1.16	1.08

QM ST.: 4-350 CHILENGA YEAR : 1965/66 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.5	21.4	28.6	72.5	107.8	251.6	377.6	172.3	74.5	46.7	35.4	28.4	
2	24.4	21.3	28.6	73.5	130.8	257.3	367.9	166.4	73.2	46.6	35.2	28.3	
3	24.3	20.9	28.9	73.5	133.5	261.7	362.8	160.6	72.3	46.2	34.7	28.1	
4	24.1	21.4	30.6	73.9	137.1	267.6	359.8	153.8	71.4	45.8	34.4	27.6	
5	24.1	20.9	32.2	73.9	137.7	297.7	356.2	152.3	70.0	45.5	34.1	27.7	
6	24.1	20.7	31.6	73.9	138.1	306.4	351.8	143.9	68.5	45.2	33.7	27.6	
7	23.9	20.5	31.5	73.9	138.1	314.5	346.8	141.3	67.3	44.9	33.4	27.5	
8	23.9	20.3	32.6	73.9	139.0	327.0	341.1	137.1	66.0	44.4	33.3	27.3	
9	23.9	20.2	33.4	74.0	141.8	327.0	335.4	131.4	65.3	44.0	33.1	27.2	
10	23.9	20.3	33.7	74.6	148.5	325.6	332.6	125.3	64.4	43.7	32.8	27.1	
11	24.1	20.6	37.7	74.9	157.4	325.6	327.0	122.1	61.8	43.3	32.7	26.8	
12	24.2	20.8	40.3	75.3	166.6	318.0	324.2	119.3	60.6	42.8	32.3	26.7	
13	24.1	20.9	43.4	75.6	178.5	324.9	318.7	113.5	59.6	42.5	32.2	26.6	
14	23.9	21.9	44.9	76.2	185.8	331.9	305.7	109.1	57.6	42.1	32.0	26.4	
15	23.5	23.2	46.7	76.7	193.3	346.1	295.7	105.3	56.8	41.9	32.0	26.2	
16	23.4	24.4	48.3	77.5	200.9	355.5	279.3	102.2	55.9	41.3	31.9	25.8	
17	23.0	25.2	50.9	77.1	206.5	362.8	268.1	100.4	54.8	41.0	31.6	25.6	
18	22.8	24.9	53.5	77.1	210.4	370.2	262.3	98.6	53.7	40.5	31.5	25.3	
19	22.7	24.9	57.2	77.1	214.7	377.6	256.4	96.8	52.8	39.9	31.4	24.9	
20	22.8	25.2	58.6	77.0	221.0	385.1	247.8	95.0	51.8	39.5	31.2	24.5	
21	22.7	26.6	61.5	77.0	223.7	388.9	239.4	93.3	50.5	39.1	31.1	24.1	
22	22.6	27.4	64.8	77.1	227.3	392.8	231.1	91.6	49.2	38.7	30.8	23.9	
23	23.1	27.7	67.2	77.8	230.8	392.8	222.9	91.0	47.9	38.2	30.5	23.6	
24	22.8	28.1	69.3	78.4	233.3	396.6	214.9	89.8	47.7	37.8	30.2	23.4	
25	22.6	28.7	70.9	80.2	238.8	398.1	209.7	87.8	47.3	37.2	29.9	23.2	
26	22.4	28.3	72.0	81.8	243.0	402.8	202.7	85.9	47.3	36.7	29.5	23.1	
27	22.2	26.8	72.5	84.6	245.9	407.4	196.8	84.1	47.2	36.5	29.5	23.0	
28	22.0	26.4	72.9	87.1	248.7	409.7	190.5	81.5	47.1	36.0	29.3	22.8	
29	22.0	26.2	72.3	91.4		402.0	184.3	79.5	46.9	35.7	29.2	22.6	
30	21.9	27.6	72.0	94.0		391.2	178.3	77.8	46.8	35.4	28.9	22.3	
31	21.6		72.5	98.4		383.6		76.0		35.2	28.6		
MEAN	23.3	23.8	50.4	78.4	185.0	348.4	282.9	112.4	57.9	41.1	31.8	25.6	104.5
MAX.	24.5	28.7	72.9	98.4	248.7	409.7	377.6	172.3	74.5	46.7	35.4	28.4	409.7
MIN.	21.6	20.2	28.6	72.5	107.8	251.6	178.3	76.0	46.8	35.2	28.6	22.3	20.2

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 133.5 Q(185day): 51.8 Q(275day): 28.6 Q(355day): 21.3

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

HM ST.: 4-350 CHILENGA YEAR : 1966/67 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.15	0.98	0.98	1.68	3.04	4.17	5.76	5.64	3.25	2.26	1.80	1.52	
2	1.15	0.97	0.99	1.68	3.13	4.23	5.79	5.60	3.19	2.23	1.79	1.51	
3	1.14	0.97	0.99	1.69	3.20	4.31	5.83	5.57	3.14	2.21	1.78	1.50	
4	1.14	0.97	0.99	1.69	3.24	4.37	5.87	5.54	3.09	2.19	1.77	1.50	
5	1.13	0.97	0.98	1.69	3.30	4.42	5.90	5.50	3.03	2.18	1.76	1.50	
6	1.12	0.97	0.98	1.69	3.34	4.48	5.91	5.48	2.97	2.16	1.76	1.49	
7	1.11	0.97	0.98	1.70	3.35	4.56	5.91	5.43	2.93	2.13	1.75	1.49	
8	1.11	0.96	0.98	1.73	3.41	4.65	5.91	5.38	2.89	2.12	1.74	1.48	
9	1.10	0.97	0.99	1.81	3.45	4.74	5.90	5.33	2.83	2.11	1.73	1.48	
10	1.09	0.97	0.99	1.86	3.50	4.83	5.92	5.26	2.80	2.08	1.72	1.47	
11	1.08	0.97	1.01	1.93	3.53	4.88	5.92	5.13	2.76	2.07	1.71	1.46	
12	1.08	0.99	1.01	2.01	3.55	4.97	5.93	5.07	2.71	2.05	1.70	1.45	
13	1.07	0.99	1.01	2.09	3.54	5.04	5.93	5.01	2.67	2.03	1.69	1.43	
14	1.06	0.98	1.02	2.18	3.58	5.10	5.91	4.95	2.62	2.02	1.68	1.42	
15	1.06	0.97	1.03	2.27	3.59	5.14	5.90	4.89	2.60	2.01	1.67	1.40	
16	1.05	0.97	1.05	2.37	3.62	5.18	5.89	4.83	2.57	1.99	1.67	1.39	
17	1.05	0.96	1.08	2.43	3.64	5.25	5.89	4.76	2.54	1.98	1.66	1.37	
18	1.04	0.97	1.09	2.52	3.61	5.31	5.89	4.68	2.51	1.96	1.65	1.36	
19	1.03	0.97	1.12	2.60	3.57	5.37	5.88	4.62	2.49	1.94	1.64	1.36	
20	1.02	0.98	1.18	2.65	3.56	5.44	5.86	4.55	2.47	1.93	1.64	1.35	
21	1.02	1.00	1.20	2.68	3.59	5.51	5.85	4.46	2.45	1.91	1.63	1.35	
22	1.01	1.00	1.25	2.72	3.67	5.52	5.84	4.37	2.45	1.90	1.63	1.34	
23	1.00	1.00	1.33	2.75	3.76	5.57	5.83	4.28	2.44	1.88	1.61	1.33	
24	1.00	1.00	1.41	2.76	3.83	5.58	5.82	4.22	2.42	1.88	1.60	1.32	
25	1.00	0.99	1.47	2.76	3.91	5.59	5.80	4.15	2.41	1.87	1.58	1.31	
26	1.00	0.98	1.51	2.78	4.01	5.60	5.78	4.06	2.38	1.86	1.57	1.30	
27	0.99	0.98	1.60	2.82	4.07	5.65	5.74	3.97	2.35	1.84	1.56	1.30	
28	0.99	0.98	1.63	2.86	4.13	5.68	5.72	3.88	2.32	1.83	1.55	1.29	
29	0.98	0.98	1.66	2.88		5.71	5.70	3.79	2.30	1.82	1.55	1.26	
30	0.98	0.97	1.66	2.90		5.72	5.68	3.73	2.28	1.81	1.54	1.26	
31	0.98		1.66	2.96		5.75		3.67		1.80	1.53		
MEAN	1.06	0.98	1.19	2.30	3.56	5.11	5.85	4.77	2.66	2.00	1.67	1.40	2.70
MAX.	1.15	1.00	1.66	2.96	4.13	5.75	5.93	5.64	3.25	2.26	1.80	1.52	5.93
MIN.	0.98	0.96	0.98	1.68	3.04	4.17	5.68	3.67	2.28	1.80	1.53	1.26	0.96

QM ST.: 4-350 CHILENGA YEAR : 1966/67 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	22.1	17.5	17.7	39.4	106.3	186.5	419.2	388.2	119.1	64.0	43.8	33.7	
2	22.0	17.5	17.8	39.5	111.9	191.3	426.3	377.6	115.6	62.7	43.7	33.3	
3	22.0	17.4	17.9	39.9	116.0	197.5	438.3	370.9	112.1	61.7	43.2	33.1	
4	21.9	17.4	17.9	39.9	118.9	202.9	448.1	362.8	109.5	60.8	43.0	33.1	
5	21.7	17.4	17.8	39.6	122.5	206.8	456.3	353.3	105.7	60.0	42.6	32.9	
6	21.4	17.4	17.7	39.6	125.1	212.5	458.8	349.7	102.2	59.2	42.4	32.7	
7	21.1	17.3	17.7	40.0	125.9	218.9	457.9	338.9	99.3	58.0	41.9	32.6	
8	21.0	17.2	17.7	41.4	130.0	227.5	457.9	326.3	97.0	57.4	41.5	32.4	
9	20.8	17.3	17.9	44.3	132.9	235.5	457.1	315.2	94.0	56.8	41.3	32.3	
10	20.5	17.4	18.0	46.3	135.8	243.3	462.1	300.3	91.9	55.7	40.8	32.0	
11	20.3	17.5	18.5	49.3	137.9	248.4	462.1	272.3	89.7	55.1	40.5	31.7	
12	20.2	17.9	18.3	52.4	139.6	256.4	462.9	266.1	87.1	54.3	40.2	31.2	
13	20.0	17.8	18.3	56.0	139.2	262.8	462.9	260.5	84.8	53.3	39.7	30.7	
14	19.8	17.5	18.8	60.3	141.3	268.7	459.6	254.7	82.3	52.9	39.5	30.2	
15	19.6	17.3	19.0	64.5	142.2	273.6	457.1	249.3	81.0	52.5	39.1	29.7	
16	19.6	17.3	19.5	69.0	144.6	281.9	454.6	243.6	79.4	51.9	38.9	29.2	
17	19.4	17.2	20.2	72.3	145.7	298.3	453.0	237.2	77.8	51.2	38.6	28.8	
18	19.2	17.3	20.5	76.7	143.5	309.8	453.0	229.7	76.5	50.6	38.2	28.5	
19	18.9	17.5	21.3	81.0	141.1	324.2	450.5	224.3	75.4	49.7	37.9	28.4	
20	18.8	17.8	22.9	84.0	140.3	340.4	445.6	218.6	74.3	49.1	37.8	28.2	
21	18.7	18.2	23.6	85.1	142.6	356.2	443.2	210.7	73.2	48.6	37.6	28.1	
22	18.4	18.2	25.0	87.8	147.9	359.1	440.0	202.9	73.1	47.9	37.5	27.7	
23	18.2	18.2	27.4	89.2	154.5	370.9	437.5	195.5	72.5	47.3	36.9	27.3	
24	18.2	18.2	30.0	89.7	159.7	374.6	433.5	190.5	71.7	47.2	36.5	27.0	
25	18.2	17.9	31.8	90.0	166.2	376.9	430.3	185.1	71.1	46.9	35.8	26.8	
26	18.1	17.7	33.3	91.0	173.5	378.4	423.9	177.8	69.7	46.2	35.4	26.6	
27	17.9	17.7	36.6	93.3	178.0	390.5	413.7	170.6	68.1	45.7	35.1	26.4	
28	17.8	17.7	37.7	95.2	183.3	399.7	408.2	163.4	66.7	45.1	34.9	26.1	
29	17.8	17.6	38.5	96.6		405.1	403.5	157.0	65.7	44.7	34.5	25.5	
30	17.7	17.5	38.6	98.1		409.7	397.4	152.7	64.8	44.5	34.3	25.2	
31	17.5		38.8	101.5		416.8		148.3		44.1	34.1		
MEAN	19.6	17.6	23.8	67.5	140.9	297.6	442.5	254.6	85.0	52.4	38.9	29.7	122.1
MAX.	22.1	18.2	38.8	101.5	183.3	416.8	462.9	388.2	119.1	64.0	43.8	33.7	462.9
MIN.	17.5	17.2	17.7	39.4	106.3	186.5	397.4	148.3	64.8	44.1	34.1	25.2	17.2

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 157.0 Q(185day): 52.4 Q(275day): 27.3 Q(355day): 17.4

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

HM ST.: 4-350 CHILENGA YEAR : 1967/68 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.25	1.18	1.68	2.61	4.85	5.26	5.24	3.89	2.35	1.93	1.71	1.44	
2	1.25	1.18	1.72	2.62	4.93	5.24	5.20	3.83	2.33	1.93	1.70	1.44	
3	1.24	1.19	1.75	2.66	4.98	5.24	5.17	3.77	2.31	1.92	1.69	1.44	
4	1.23	1.21	1.81	2.72	5.04	5.20	5.12	3.73	2.30	1.91	1.69	1.43	
5	1.23	1.23	1.84	2.76	5.11	5.14	5.08	3.69	2.28	1.91	1.68	1.42	
6	1.23	1.28	1.93	2.82	5.16	5.11	5.04	3.65	2.26	1.91	1.66	1.42	
7	1.22	1.33	1.99	2.88	5.18	5.08	5.00	3.58	2.25	1.91	1.66	1.41	
8	1.22	1.35	2.05	2.94	5.23	5.05	4.97	3.52	2.23	1.90	1.66	1.40	
9	1.22	1.36	2.11	3.00	5.29	5.02	4.93	3.46	2.21	1.90	1.65	1.39	
10	1.24	1.39	2.14	3.03	5.32	5.00	4.90	3.40	2.19	1.89	1.63	1.38	
11	1.23	1.41	2.22	3.08	5.33	5.00	4.87	3.36	2.18	1.89	1.62	1.38	
12	1.22	1.42	2.29	3.12	5.35	4.96	4.84	3.31	2.16	1.87	1.61	1.37	
13	1.21	1.42	2.33	3.19	5.38	4.95	4.79	3.25	2.14	1.87	1.60	1.36	
14	1.20	1.42	2.36	3.25	5.38	4.97	4.74	3.19	2.12	1.86	1.59	1.35	
15	1.19	1.41	2.40	3.33	5.37	4.97	4.68	3.12	2.11	1.85	1.58	1.34	
16	1.18	1.39	2.43	3.41	5.37	4.98	4.62	3.03	2.09	1.84	1.57	1.33	
17	1.18	1.38	2.42	3.50	5.38	4.99	4.59	2.97	2.07	1.83	1.56	1.32	
18	1.17	1.37	2.45	3.59	5.39	5.00	4.53	2.91	2.06	1.82	1.56	1.32	
19	1.17	1.38	2.45	3.67	5.39	5.02	4.47	2.85	2.05	1.81	1.55	1.31	
20	1.17	1.38	2.47	3.77	5.38	5.05	4.40	2.79	2.03	1.80	1.54	1.30	
21	1.16	1.39	2.51	3.86	5.37	5.07	4.35	2.73	2.01	1.79	1.53	1.30	
22	1.15	1.42	2.55	3.95	5.36	5.09	4.32	2.69	2.00	1.78	1.53	1.30	
23	1.14	1.42	2.58	4.04	5.36	5.13	4.29	2.64	1.99	1.78	1.51	1.29	
24	1.13	1.43	2.58	4.14	5.35	5.18	4.22	2.59	1.98	1.76	1.50	1.29	
25	1.12	1.44	2.58	4.22	5.33	5.21	4.19	2.55	1.97	1.76	1.50	1.28	
26	1.12	1.45	2.58	4.32	5.32	5.23	4.14	2.52	1.96	1.75	1.49	1.27	
27	1.12	1.47	2.57	4.40	5.31	5.25	4.10	2.49	1.95	1.75	1.49	1.26	
28	1.14	1.53	2.58	4.47	5.29	5.26	4.07	2.45	1.95	1.74	1.48	1.25	
29	1.15	1.61	2.58	4.56	5.28	5.26	4.01	2.42	1.94	1.73	1.47	1.23	
30	1.17	1.64	2.60	4.66		5.26	3.95	2.40	1.94	1.72	1.46	1.23	
31	1.18		2.61	4.75		5.26		2.38		1.72	1.44		
MEAN	1.19	1.38	2.30	3.53	5.27	5.11	4.63	3.07	2.11	1.83	1.58	1.34	2.77
MAX.	1.25	1.64	2.61	4.75	5.39	5.26	5.24	3.89	2.35	1.93	1.71	1.44	5.39
MIN.	1.12	1.18	1.68	2.61	4.85	4.95	3.95	2.38	1.94	1.72	1.44	1.23	1.12

QM ST.: 4-350 CHILENGA YEAR : 1967/68 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	25.0	23.0	39.2	81.5	245.3	299.0	294.3	164.1	68.4	49.3	40.6	31.0	
2	24.9	23.0	40.8	82.1	252.4	294.3	287.1	159.5	67.3	49.2	40.3	31.0	
3	24.7	23.2	42.0	84.4	257.6	294.3	280.0	155.2	66.4	48.8	39.9	30.9	
4	24.6	23.8	44.4	87.3	263.7	285.8	270.8	152.5	65.7	48.6	39.7	30.6	
5	24.4	24.5	45.6	89.8	269.9	272.9	267.0	149.4	64.8	48.4	39.2	30.3	
6	24.3	26.0	49.2	92.9	278.0	270.2	263.7	146.3	64.1	48.3	38.8	30.2	
7	24.0	27.3	51.9	96.5	281.9	267.3	259.9	142.0	63.2	48.2	38.7	29.9	
8	24.0	28.2	54.5	100.0	293.0	264.0	257.0	137.5	62.7	48.1	38.5	29.5	
9	24.0	28.4	57.1	103.7	305.0	261.1	253.3	133.3	61.7	47.9	38.1	29.2	
10	24.7	29.2	58.2	105.3	312.5	259.1	249.8	129.4	60.8	47.6	37.6	29.0	
11	24.5	30.1	61.8	108.5	314.5	259.3	247.0	126.5	60.0	47.4	37.2	28.9	
12	24.2	30.4	65.3	111.2	320.0	255.9	244.2	123.1	59.2	46.9	36.9	28.8	
13	23.9	30.4	67.0	115.2	325.6	255.0	239.4	119.1	58.5	46.7	36.5	28.4	
14	23.6	30.2	68.7	119.5	327.0	256.2	235.2	115.2	57.6	46.3	36.1	28.0	
15	23.3	30.1	70.6	124.3	324.2	256.2	229.7	111.4	57.0	46.1	35.8	27.6	
16	23.1	29.2	72.2	129.8	324.2	257.9	224.8	105.7	56.0	45.7	35.4	27.3	
17	23.0	29.1	71.9	136.2	326.3	258.5	221.6	102.0	55.3	45.1	35.2	27.2	
18	22.8	28.8	73.1	142.2	328.4	259.3	216.2	98.4	54.7	44.6	35.2	27.0	
19	22.7	28.9	73.4	148.3	327.7	261.4	211.0	94.9	54.4	44.4	34.6	26.8	
20	22.6	29.0	74.5	155.4	326.3	264.0	205.8	91.6	53.3	43.9	34.3	26.7	
21	22.4	29.4	76.0	162.2	324.2	266.7	201.1	88.1	52.7	43.5	34.1	26.5	
22	22.0	30.2	78.1	169.2	322.8	268.4	198.3	85.9	52.0	43.3	33.9	26.4	
23	22.0	30.3	79.7	176.1	320.7	272.3	195.8	83.1	51.8	43.1	33.3	26.2	
24	21.6	30.6	80.2	183.6	320.0	281.3	190.8	80.5	51.2	42.6	33.1	26.1	
25	21.4	30.8	80.0	190.5	314.5	289.1	188.3	78.3	50.7	42.2	33.0	25.8	
26	21.4	31.3	79.7	198.3	313.2	292.4	183.6	76.7	50.5	42.1	32.7	25.6	
27	21.4	32.0	79.5	205.8	309.8	297.0	180.9	75.1	50.1	42.0	32.6	25.3	
28	21.8	33.9	79.9	211.2	305.7	299.0	178.0	73.4	50.0	41.7	32.2	25.0	
29	22.1	36.7	80.2	219.4	303.0	299.7	173.5	71.9	49.6	41.3	32.0	24.6	
30	22.6	37.9	81.2	227.8		299.7	168.7	70.6	49.5	41.0	31.7	24.3	
31	22.9		81.3	235.8		299.0		69.6		40.8	31.1		
MEAN	23.2	29.2	66.4	141.8	304.7	274.7	227.2	110.0	57.3	45.3	35.8	27.8	111.2
MAX.	25.0	37.9	81.3	235.8	328.4	299.7	294.3	164.1	68.4	49.3	40.6	31.0	328.4
MIN.	21.4	23.0	39.2	81.5	245.3	255.0	168.7	69.6	49.5	40.8	31.1	24.3	21.4

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 180.9 Q(185day): 59.2 Q(275day): 32.2 Q(355day): 22.7

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

HM ST.: 4-350 CHILENGA YEAR : 1968/69 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.22	1.01	1.29	4.25	5.90	7.10	7.27	6.73	5.52	3.93	3.24	2.69	
2	1.21	1.01	1.28	4.41	5.94	7.09	7.27	6.72	5.42	3.92	3.23	2.66	
3	1.21	1.00	1.28	4.50	5.98	7.08	7.26	6.71	5.36	3.90	3.15	2.65	
4	1.20	1.00	1.30	4.61	6.05	7.06	7.26	6.70	5.30	3.88	3.19	2.63	
5	1.19	0.99	1.34	4.71	6.10	7.04	7.25	6.69	5.42	3.85	3.16	2.59	
6	1.18	1.00	1.37	4.82	6.17	7.01	7.24	6.67	5.18	3.82	3.14	2.55	
7	1.17	1.00	1.43	4.89	6.24	6.97	7.23	6.66	5.12	3.80	3.12	2.52	
8	1.16	1.00	1.48	5.01	6.32	6.94	7.23	6.65	5.10	3.77	3.10	2.51	
9	1.15	1.00	1.52	5.05	6.36	6.91	7.23	6.65	5.03	3.75	3.08	2.49	
10	1.14	0.98	1.58	5.13	6.40	6.90	7.22	6.60	4.97	3.73	3.07	2.46	
11	1.14	0.98	1.66	5.20	6.45	6.90	7.21	6.54	4.91	3.69	3.04	2.44	
12	1.14	0.98	1.81	5.44	6.50	6.89	7.21	6.49	4.85	3.65	2.87	2.40	
13	1.13	1.01	1.87	5.33	6.52	6.88	7.20	6.41	4.78	3.60	3.01	2.36	
14	1.13	1.01	1.94	5.39	6.54	6.87	7.20	6.09	4.72	3.54	2.99	2.33	
15	1.12	1.02	1.99	5.45	6.64	6.85	7.19	6.07	4.66	3.52	2.97	2.29	
16	1.12	1.03	2.06	5.49	6.71	6.87	7.18	6.06	4.60	3.51	2.95	2.26	
17	1.12	1.04	2.15	5.54	6.82	6.87	7.16	6.05	4.54	3.51	2.93	2.24	
18	1.11	1.05	2.28	5.56	6.89	6.88	7.13	6.04	4.50	3.50	2.90	2.20	
19	1.10	1.05	2.39	5.60	6.93	6.89	7.11	6.01	4.46	3.48	2.88	2.17	
20	1.08	1.08	2.56	5.62	6.99	6.94	7.10	5.99	4.38	3.46	2.86	2.14	
21	1.08	1.11	2.77	5.65	7.06	6.98	7.06	5.98	4.35	3.44	2.84	2.12	
22	1.08	1.14	2.96	5.66	7.08	7.02	7.02	5.97	4.31	3.43	2.83	2.11	
23	1.07	1.17	3.14	5.66	7.09	7.08	6.99	5.96	4.25	3.41	2.82	1.84	
24	1.06	1.18	3.31	5.67	7.11	7.10	6.96	5.90	4.19	3.39	2.80	2.06	
25	1.05	1.20	3.43	5.68	7.12	7.18	6.92	5.84	4.15	3.36	2.78	2.04	
26	1.05	1.23	3.53	5.72	7.11	7.24	6.88	5.77	4.12	3.33	2.77	2.02	
27	1.04	1.26	3.62	5.75	7.11	7.29	6.84	5.72	4.08	3.30	2.75	2.00	
28	1.04	1.27	3.74	5.75	7.11	7.31	6.78	5.68	4.06	3.29	2.73	1.98	
29	1.02	1.29	3.86	5.76		7.32	6.74	5.66	4.03	3.27	2.72	1.97	
30	1.02	1.29	4.01	5.82		7.30	6.73	5.63	3.97	3.26	2.70	1.95	
31	1.02		4.19	5.87		7.28		5.60		3.25	2.69		
MEAN	1.11	1.08	2.36	5.32	6.62	7.03	7.10	6.20	4.68	3.57	2.95	2.29	4.18
MAX.	1.22	1.29	4.19	5.87	7.12	7.32	7.27	6.73	5.52	3.93	3.24	2.69	7.32
MIN.	1.02	0.98	1.28	4.25	5.90	6.85	6.73	5.60	3.97	3.25	2.69	1.84	0.98

QM ST.: 4-350 CHILENGA YEAR : 1968/69 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.0	18.5	26.1	192.5	457.1	839.8	900.1	707.9	359.1	167.8	118.7	85.6	
2	23.9	18.4	25.8	206.3	467.1	833.1	900.1	703.8	334.7	166.9	118.3	84.3	
3	23.8	18.2	26.0	213.9	478.8	829.7	898.9	701.8	322.1	165.2	112.9	83.5	
4	23.5	18.1	26.6	223.5	496.7	822.0	897.7	697.7	308.4	163.6	115.8	82.6	
5	23.2	18.0	27.6	232.7	511.4	816.5	895.4	693.6	336.1	161.5	113.9	80.5	
6	23.0	18.1	28.8	242.2	531.7	804.4	889.7	687.5	281.9	159.0	112.1	78.3	
7	22.6	18.2	30.7	248.7	553.2	790.2	887.4	684.5	271.4	157.9	111.2	77.0	
8	22.4	18.2	32.2	260.5	577.1	781.6	886.2	682.5	268.7	155.2	109.8	76.2	
9	22.0	18.1	33.6	264.3	589.2	769.8	885.1	680.5	262.6	153.8	108.9	75.4	
10	22.0	17.8	35.8	272.3	600.5	767.6	882.8	664.5	256.4	152.3	107.8	73.7	
11	22.0	17.6	38.7	285.8	615.7	765.5	880.5	644.7	250.7	149.8	105.5	72.8	
12	21.8	17.7	44.3	339.6	631.1	761.2	878.2	628.2	245.0	146.3	96.3	70.5	
13	21.7	18.3	46.8	315.2	638.9	758.0	875.9	603.3	239.1	142.8	104.1	68.8	
14	21.6	18.5	49.5	329.1	646.7	757.0	874.8	507.9	233.6	139.2	103.0	67.0	
15	21.4	18.7	51.9	343.2	676.5	750.6	872.5	504.5	228.1	137.7	101.9	65.1	
16	21.4	18.9	54.8	351.8	702.8	754.8	866.8	500.1	222.9	137.1	100.6	64.1	
17	21.3	19.2	58.9	362.8	738.0	757.0	858.9	497.6	217.8	136.7	99.3	62.8	
18	21.1	19.6	65.0	369.4	761.2	758.0	849.9	495.0	213.6	136.2	97.9	61.3	
19	20.7	19.6	70.2	377.6	777.3	761.2	843.1	487.3	210.7	135.0	96.6	59.9	
20	20.3	20.1	78.7	383.6	798.9	779.4	836.4	480.5	208.4	133.1	95.4	58.5	
21	20.1	21.1	90.2	391.2	822.0	794.6	822.0	477.1	201.4	132.1	94.3	57.2	
22	20.1	22.0	101.1	393.5	830.9	809.9	808.8	474.6	198.1	131.0	93.5	56.8	
23	20.0	22.8	112.1	394.3	835.3	829.7	796.7	472.1	192.8	130.2	92.9	45.5	
24	19.8	23.1	123.1	395.8	842.0	839.8	787.0	455.5	188.0	128.8	91.9	54.7	
25	19.5	23.6	131.4	399.7	844.2	867.9	773.0	439.1	184.3	126.3	90.9	54.0	
26	19.3	24.6	138.4	407.4	842.0	890.8	758.0	422.3	182.1	124.5	90.2	53.2	
27	19.2	25.4	144.8	415.2	840.9	909.3	746.4	407.4	179.5	122.7	89.2	52.3	
28	19.1	25.7	153.2	416.8	840.9	916.3	725.5	398.1	177.5	121.9	88.3	51.4	
29	18.7	26.3	161.8	420.0		922.2	710.0	393.5	175.4	120.9	87.6	50.9	
30	18.7	26.1	173.9	435.1		911.7	708.9	385.9	170.9	120.3	86.3	50.1	
31	18.7		187.8	447.3		905.9		379.1		119.5	85.9		
MEAN	21.2	20.3	76.4	333.3	676.7	814.7	839.9	547.0	237.2	141.1	100.7	65.8	320.3
MAX.	24.0	26.3	187.8	447.3	844.2	922.2	900.1	707.9	359.1	167.8	118.7	85.6	922.2
MIN.	18.7	17.6	25.8	192.5	457.1	750.6	708.9	379.1	170.9	119.5	85.9	45.5	17.6

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 577.1 Q(185day): 166.9 Q(275day): 61.3 Q(355day): 18.3

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

HM ST.: 4-350 CHILENGA YEAR : 1969/70 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.93	1.83	2.15	4.86	5.73	6.21	5.68	4.12	2.84	2.33	1.94	1.64	
2	1.91	1.86	2.15	5.12	5.74	6.22	5.64	4.07	2.81	2.30	1.94	1.63	
3	1.89	1.97	2.18	5.17	5.75	6.23	5.58	4.01	2.79	2.28	1.93	1.62	
4	1.87	2.01	2.21	5.27	5.78	6.23	5.53	3.97	2.76	2.26	1.92	1.60	
5	1.85	2.04	2.22	5.34	5.77	6.23	5.49	3.92	2.74	2.25	1.91	1.59	
6	1.84	2.14	2.22	5.41	5.79	6.22	5.43	3.87	2.71	2.24	1.90	1.58	
7	1.82	2.17	2.26	5.46	5.77	6.21	5.38	3.83	2.69	2.23	1.88	1.56	
8	1.81	2.18	2.31	5.50	5.78	6.21	5.32	3.79	2.67	2.22	1.87	1.55	
9	1.79	2.18	2.39	5.52	5.80	6.20	5.27	3.74	2.64	2.21	1.87	1.53	
10	1.77	2.16	2.45	5.56	5.83	6.19	5.22	3.71	2.62	2.18	1.85	1.51	
11	1.75	2.15	2.54	5.58	5.86	6.20	5.16	3.67	2.61	2.17	1.84	1.50	
12	1.73	2.14	2.60	5.62	5.88	6.19	5.11	3.62	2.60	2.16	1.84	1.49	
13	1.73	2.12	2.65	5.64	5.89	6.18	5.04	3.58	2.57	2.15	1.83	1.48	
14	1.72	2.08	2.72	5.66	5.90	6.16	4.99	3.54	2.55	2.13	1.82	1.47	
15	1.71	2.08	2.79	5.65	5.94	6.15	4.95	3.49	2.55	2.12	1.81	1.45	
16	1.69	2.06	2.86	5.65	5.99	6.13	4.89	3.44	2.54	2.11	1.80	1.44	
17	1.68	2.06	2.94	5.65	6.04	6.11	4.83	3.39	2.52	2.10	1.79	1.45	
18	1.66	2.05	3.01	5.65	6.05	6.10	4.78	3.34	2.50	2.08	1.78	1.41	
19	1.66	2.05	3.08	5.66	6.00	6.08	4.74	3.29	2.48	2.07	1.76	1.43	
20	1.65	2.09	3.14	5.68	6.09	6.06	4.69	3.25	2.47	2.05	1.75	1.42	
21	1.63	2.12	3.22	5.69	6.11	6.04	4.64	3.21	2.45	2.05	1.74	1.41	
22	1.66	2.14	3.30	5.69	6.13	6.02	4.58	3.17	2.44	2.05	1.73	1.40	
23	1.69	2.14	3.37	5.69	6.17	5.99	4.53	3.13	2.74	2.04	1.72	1.39	
24	1.69	2.14	3.47	5.70	6.18	5.96	4.48	3.09	2.42	2.03	1.71	1.38	
25	1.73	2.14	3.56	5.68	6.18	5.93	4.43	3.06	2.41	2.03	1.70	1.38	
26	1.75	2.14	3.64	5.68	6.20	5.90	4.38	3.02	2.39	2.02	1.69	1.37	
27	1.77	2.14	3.73	5.69	6.21	5.87	4.33	2.99	2.38	2.00	1.69	1.36	
28	1.79	2.12	3.83	5.69	6.21	5.84	4.27	2.95	2.36	1.99	1.68	1.35	
29	1.81	2.12	3.92	5.71		5.80	4.22	2.92	2.35	1.98	1.67	1.34	
30	1.81	2.12	4.01	5.73		5.76	4.17	2.90	2.34	1.97	1.66	1.34	
31	1.82		4.12	5.75		5.72		2.87		1.96	1.66		
MEAN	1.76	2.09	2.94	5.56	5.96	6.08	4.92	3.45	2.57	2.12	1.80	1.47	3.38
MAX.	1.93	2.18	4.12	5.75	6.21	6.23	5.68	4.12	2.84	2.33	1.94	1.64	6.23
MIN.	1.63	1.83	2.15	4.86	5.73	5.72	4.17	2.87	2.34	1.96	1.66	1.34	1.34

QM ST.: 4-350 CHILENGA YEAR : 1969/70 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	49.3	45.1	58.6	246.7	410.5	545.1	397.4	182.1	94.3	67.0	49.8	37.9	
2	48.2	46.2	58.9	270.8	413.7	547.8	387.4	178.0	92.8	66.0	49.5	37.5	
3	47.4	50.9	60.3	280.0	417.6	548.7	374.6	173.9	91.6	64.8	49.1	37.0	
4	46.8	52.7	61.5	301.7	423.1	549.6	362.0	170.2	89.8	64.0	48.8	36.6	
5	46.1	54.0	62.0	316.6	421.5	548.7	351.1	166.6	88.6	63.2	48.3	36.1	
6	45.6	58.2	62.0	334.0	425.5	546.9	337.5	162.9	87.1	62.8	47.9	35.6	
7	44.9	59.7	63.7	343.9	422.3	544.2	325.6	159.7	85.9	62.5	47.3	35.0	
8	44.5	60.0	66.2	354.7	423.1	542.4	313.8	156.8	84.9	61.8	46.9	34.5	
9	43.4	60.0	70.2	359.8	428.7	541.5	302.3	153.4	83.3	61.4	46.6	34.1	
10	43.0	59.3	73.2	368.7	437.5	537.9	289.7	150.7	82.1	60.3	46.1	33.5	
11	42.0	58.7	77.9	374.6	446.5	540.6	278.0	147.9	81.3	59.9	45.7	33.1	
12	41.4	58.2	81.2	384.4	449.7	537.0	270.2	144.8	81.0	59.2	45.5	32.6	
13	41.1	57.4	83.6	388.2	454.6	533.5	262.8	141.6	79.5	58.6	45.1	32.2	
14	40.7	55.9	87.3	394.3	457.1	529.9	258.2	138.8	78.6	57.8	44.7	31.8	
15	40.4	55.5	91.2	392.0	467.1	525.5	254.7	135.4	78.1	57.5	44.5	31.3	
16	39.9	54.9	95.2	391.2	479.6	521.1	249.0	131.6	77.8	57.1	43.9	31.0	
17	39.5	54.7	99.9	390.5	495.0	515.8	243.3	128.6	76.7	56.5	43.5	31.3	
18	38.8	54.5	104.1	390.5	498.4	510.5	238.6	125.5	75.6	55.9	43.2	30.0	
19	38.5	54.4	108.3	393.5	483.9	506.2	235.2	122.1	74.8	55.1	42.5	30.5	
20	38.2	56.0	112.5	397.4	508.8	499.3	231.1	119.3	74.2	54.5	42.1	30.2	
21	37.6	57.6	117.7	400.4	514.9	494.1	226.2	116.6	73.2	54.4	41.8	29.9	
22	38.7	58.2	122.9	402.0	520.2	488.1	221.0	114.2	72.9	54.3	41.2	29.6	
23	39.6	58.5	127.1	402.0	530.8	480.5	216.5	111.6	88.5	53.9	41.0	29.3	
24	39.9	58.5	133.7	402.8	533.5	472.9	212.0	109.3	71.9	53.5	40.5	29.1	
25	41.4	58.5	140.3	399.7	534.3	464.6	207.8	107.2	71.1	53.3	40.2	28.9	
26	42.1	58.5	146.1	398.9	540.6	456.3	203.4	105.2	70.3	52.9	39.8	28.7	
27	42.7	58.2	152.5	400.4	544.2	448.1	199.3	103.0	69.9	52.2	39.6	28.5	
28	43.5	57.4	160.2	402.0	545.1	439.1	194.8	100.9	68.8	51.8	39.2	28.2	
29	44.3	57.2	166.9	405.9		429.5	190.8	99.0	68.4	51.2	38.9	27.7	
30	44.4	57.4	173.7	410.5		420.0	186.0	97.5	67.8	50.9	38.7	27.6	
31	44.6		182.6	415.2		409.0		95.8		50.3	38.5		
MEAN	42.5	56.2	103.3	371.4	472.4	505.6	267.4	133.9	79.4	57.6	43.9	32.0	178.8
MAX.	49.3	60.0	182.6	415.2	545.1	549.6	397.4	182.1	94.3	67.0	49.8	37.9	549.6
MIN.	37.6	45.1	58.6	246.7	410.5	409.0	186.0	95.8	67.8	50.3	38.5	27.6	27.6

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 302.3 Q(185day): 79.5 Q(275day): 49.1 Q(355day): 30.0

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

HM ST.: 4-350 CHILENGA YEAR : 1970/71 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.34	1.23	2.27	4.80	6.14	6.56	6.52	5.55	3.78	2.96	2.51	2.00	
2	1.33	1.23	2.34	4.83	6.16	6.55	6.52	5.50	3.73	2.97	2.49	1.98	
3	1.33	0.92	2.45	4.86	6.18	6.56	6.50	5.44	3.71	2.93	2.48	1.97	
4	1.33	1.23	2.54	4.92	6.20	6.59	6.50	5.38	3.66	2.91	2.46	1.95	
5	1.32	1.24	2.65	4.98	6.25	6.59	6.48	5.32	3.64	2.90	2.44	1.94	
6	1.31	1.24	2.77	5.02	6.30	6.59	6.47	5.27	3.59	2.87	2.43	1.92	
7	1.30	1.24	2.89	5.08	6.32	6.59	6.46	5.21	3.55	2.86	2.41	1.91	
8	1.30	1.24	2.98	5.12	6.34	6.59	6.45	5.36	3.52	2.84	2.39	1.89	
9	1.29	1.23	3.09	5.14	6.36	6.59	6.41	5.22	3.48	2.83	2.38	1.90	
10	1.29	1.23	3.20	5.20	6.37	6.59	6.38	5.02	3.44	2.81	2.37	1.89	
11	1.29	1.24	3.32	5.29	6.39	6.59	6.36	4.97	3.41	2.80	2.35	1.88	
12	1.29	1.24	3.43	5.34	6.39	6.59	6.34	4.90	3.39	2.78	2.33	1.86	
13	1.29	1.26	3.53	5.40	6.41	6.59	6.33	4.84	3.36	2.77	2.30	1.84	
14	1.29	1.30	3.63	5.47	6.42	6.58	6.29	4.87	3.32	2.75	2.29	1.83	
15	1.29	1.34	3.70	5.53	6.45	6.57	6.25	4.71	3.29	3.04	2.27	1.81	
16	1.29	1.39	3.76	5.58	6.47	6.57	6.21	4.64	3.27	3.03	2.25	1.80	
17	1.29	1.44	3.80	5.63	6.48	6.56	6.18	4.58	3.24	3.01	2.23	1.80	
18	1.28	1.52	3.82	5.68	6.51	6.55	6.14	4.50	3.22	2.69	2.21	1.80	
19	1.28	1.59	3.86	5.73	6.57	6.55	6.10	4.43	3.19	2.69	2.19	1.80	
20	1.28	1.65	3.88	5.77	6.59	6.55	6.08	4.37	3.17	2.68	2.17	1.79	
21	1.27	1.69	3.92	5.81	6.59	6.54	6.04	4.31	3.15	2.66	2.15	1.78	
22	1.27	1.75	3.96	5.84	6.60	6.54	6.01	4.25	3.12	2.65	2.14	1.76	
23	1.26	1.75	4.02	5.86	6.59	6.54	5.95	4.19	3.11	2.65	2.12	1.75	
24	1.26	1.73	4.14	5.89	6.58	6.53	5.90	4.14	3.08	2.64	2.11	1.73	
25	1.26	1.71	4.23	5.93	6.57	6.53	5.86	4.09	3.07	2.60	2.10	1.72	
26	1.26	1.72	4.35	5.97	6.56	6.53	5.81	4.04	3.04	2.58	2.09	1.70	
27	1.26	1.80	4.46	6.04	6.56	6.53	5.76	4.01	3.03	2.57	2.07	1.68	
28	1.26	1.97	4.54	5.75	6.56	6.53	5.71	3.94	3.01	2.56	2.05	1.67	
29	1.25	2.09	4.60	6.08		6.53	5.66	3.89	2.99	2.55	2.04	1.66	
30	1.24	2.18	4.68	6.10		6.53	5.61	3.85	2.97	2.53	2.02	1.66	
31	1.23		4.77	6.12		6.53		3.83		2.52	2.01		
MEAN	1.29	1.48	3.60	5.51	6.43	6.56	6.18	4.66	3.32	2.76	2.25	1.82	3.81
MAX.	1.34	2.18	4.77	6.12	6.60	6.59	6.52	5.55	3.78	3.04	2.51	2.00	6.60
MIN.	1.23	0.92	2.27	4.80	6.14	6.53	5.61	3.83	2.97	2.52	2.01	1.66	0.92

QM ST.: 4-350 CHILENGA YEAR : 1970/71 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	27.6	24.4	64.5	240.8	522.8	650.6	639.8	366.5	155.9	101.3	76.0	52.0	
2	27.5	24.4	67.9	243.9	528.1	647.7	637.9	353.3	152.7	102.0	75.3	51.4	
3	27.4	16.3	73.1	246.1	533.5	651.6	634.0	339.6	150.7	99.5	74.6	50.9	
4	27.3	24.5	77.9	251.6	541.5	662.5	632.1	326.3	147.6	98.4	73.7	50.1	
5	27.0	24.7	83.8	257.6	556.9	661.5	627.2	312.5	145.7	97.5	72.9	49.6	
6	26.9	24.7	90.4	261.1	570.6	661.5	624.3	301.0	142.6	96.3	72.2	48.9	
7	26.5	24.7	97.0	267.0	577.1	662.5	620.5	287.8	139.6	95.6	71.2	48.3	
8	26.4	24.8	102.8	270.8	582.6	661.5	616.6	321.4	137.3	94.5	70.3	47.7	
9	26.3	24.6	109.3	273.6	588.2	662.5	603.3	291.0	134.8	93.6	69.7	48.1	
10	26.3	24.5	116.2	287.1	592.0	662.5	595.8	261.7	132.3	92.6	69.0	47.4	
11	26.3	24.7	124.1	305.7	596.7	661.5	588.2	256.7	130.2	91.9	68.4	47.1	
12	26.3	24.7	131.2	318.0	598.6	661.5	583.6	250.1	128.6	91.0	67.2	46.3	
13	26.2	25.4	138.4	331.9	603.3	660.5	578.9	244.4	126.3	90.2	66.0	45.7	
14	26.2	26.7	145.2	347.5	607.1	658.5	567.8	247.6	123.9	89.2	65.1	45.1	
15	26.2	27.9	150.1	362.0	615.7	655.6	556.9	232.2	122.1	106.1	64.3	44.5	
16	26.2	29.2	154.3	373.1	622.4	653.6	545.1	226.2	120.5	105.3	63.2	44.1	
17	26.1	30.8	157.4	385.1	626.3	651.6	534.3	220.5	118.7	104.4	62.4	44.0	
18	26.0	33.6	159.3	397.4	636.9	649.6	522.8	213.9	117.3	86.1	61.7	43.9	
19	26.0	36.0	162.2	411.3	653.6	648.7	512.3	207.8	115.6	85.6	60.7	43.8	
20	25.8	38.2	163.9	422.3	660.5	647.7	506.2	202.9	114.2	85.1	59.9	43.5	
21	25.7	39.6	166.6	431.1	662.5	645.7	495.0	198.1	112.7	84.4	59.0	43.1	
22	25.6	41.9	169.7	440.0	664.5	644.7	487.3	192.8	111.4	84.0	58.5	42.5	
23	25.5	42.0	174.2	446.5	662.5	644.7	469.6	188.0	110.2	83.5	57.6	41.9	
24	25.5	41.3	183.6	453.8	658.5	643.8	456.3	183.6	108.9	83.0	57.0	41.3	
25	25.5	40.5	191.0	463.7	655.6	642.8	444.0	179.9	107.8	81.2	56.4	40.7	
26	25.5	40.8	201.1	475.4	652.6	642.8	431.1	175.6	106.5	80.0	55.9	40.0	
27	25.5	43.9	210.7	493.3	652.6	642.8	418.4	173.2	105.7	79.5	55.3	39.5	
28	25.2	50.7	217.0	416.0	652.6	641.8	406.6	168.3	104.2	78.9	54.5	39.0	
29	24.9	56.1	222.9	505.3		643.8	392.8	164.5	103.3	78.3	54.0	38.7	
30	24.7	60.1	230.0	510.5		641.8	379.9	161.3	102.2	77.5	53.2	38.5	
31	24.5		237.7	518.4		640.8		159.5		76.8	52.7		
MEAN	26.1	33.1	147.5	368.0	609.8	651.9	537.0	239.0	124.3	90.1	63.8	44.9	242.3
MAX.	27.6	60.1	237.7	518.4	664.5	662.5	639.8	366.5	155.9	106.1	76.0	52.0	664.5
MIN.	24.5	16.3	64.5	240.8	522.8	640.8	379.9	159.5	102.2	76.8	52.7	38.5	16.3

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 431.1 Q(185day): 124.1 Q(275day): 53.2 Q(355day): 24.7

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

HM ST.: 4-350 CHILENGA YEAR : 1971/72 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.64	1.41	2.16	3.69	4.88	4.93	5.75	5.55	3.83	2.84	2.35	1.91	
2	1.63	1.39	2.12	3.76	4.88	4.94	5.76	5.51	3.79	2.82	2.34	1.90	
3	1.62	1.37	2.54	3.79	4.88	4.96	5.78	5.44	3.73	2.81	2.32	1.89	
4	1.60	1.35	2.03	3.89	4.88	4.98	5.79	5.38	3.70	2.80	2.31	1.87	
5	1.58	1.34	2.00	3.97	4.88	5.00	5.79	5.34	3.65	2.78	2.30	1.86	
6	1.58	1.32	1.98	4.05	4.91	5.01	5.80	5.31	3.61	2.77	2.29	1.85	
7	1.56	1.34	1.97	4.15	4.92	5.04	5.80	5.27	3.57	2.76	2.27	1.84	
8	1.55	1.33	1.98	4.24	4.93	5.09	5.81	5.22	3.52	2.74	2.26	1.82	
9	1.54	1.32	2.01	4.35	4.93	5.14	5.82	5.18	3.47	2.72	2.24	1.80	
10	1.53	1.37	2.05	4.43	4.92	4.91	5.82	5.14	3.43	2.71	2.23	1.79	
11	1.52	1.36	2.09	4.50	4.92	5.25	5.83	5.10	3.39	2.70	2.21	1.79	
12	1.50	1.34	2.15	4.58	4.91	5.31	5.83	5.07	3.36	2.69	2.20	1.78	
13	1.48	1.39	2.17	4.64	4.90	5.37	5.83	5.04	3.32	2.67	2.19	1.78	
14	1.46	1.38	2.19	4.70	4.88	5.41	5.83	5.01	3.27	2.66	2.18	1.77	
15	1.45	1.43	2.19	4.74	4.89	5.46	5.83	4.94	3.24	2.64	2.16	1.76	
16	1.45	1.46	2.20	4.77	4.88	5.50	5.83	4.91	3.21	2.62	2.15	1.74	
17	1.46	1.51	2.24	4.80	4.90	5.53	5.83	4.86	3.18	2.60	2.13	1.73	
18	1.43	1.55	2.30	4.84	4.88	5.56	5.82	4.76	3.15	2.59	2.12	1.71	
19	1.46	1.58	2.32	4.86	4.88	5.59	5.82	4.70	3.12	2.57	2.11	1.69	
20	1.43	1.66	2.40	4.89	4.89	5.62	5.81	4.64	3.09	2.55	2.09	1.68	
21	1.44	1.72	2.49	4.91	4.88	5.64	5.80	4.58	3.06	2.54	2.08	1.66	
22	1.47	1.80	2.56	4.91	4.88	5.66	5.78	4.47	3.04	2.52	2.06	1.64	
23	1.52	1.95	2.65	4.90	4.88	5.67	5.76	4.43	3.01	2.49	2.05	1.62	
24	1.56	2.05	2.79	4.89	4.89	5.69	5.73	4.36	2.99	2.48	2.03	1.61	
25	1.58	2.13	2.91	4.90	4.89	5.72	5.72	4.28	2.96	2.47	2.02	1.60	
26	[illegible]	0	3.03	4.90	4.89	5.73	5.70	4.21	2.94	2.45	2.01	1.59	
27	1.55	2.21	3.15	4.89	4.88	5.74	5.66	4.14	2.91	2.43	1.99	1.58	
28	1.51	2.22	3.28	4.88	4.89	5.74	5.62	4.08	2.90	2.41	1.98	1.56	
29	1.48	2.22	3.39	4.88	4.89	5.74	5.53	4.02	2.88	2.40	1.96	1.55	
30	1.45	2.19	3.52	4.88		5.75	5.58	3.97	2.86	2.38	1.94	1.54	
31	1.42		3.59	4.88		5.75		3.91		2.37	1.92		
MEAN	1.52	1.63	2.47	4.56	4.89	5.40	5.77	4.80	3.27	2.61	2.14	1.73	3.40
MAX.	1.64	2.22	3.59	4.91	4.93	5.75	5.83	5.55	3.83	2.84	2.35	1.91	5.83
MIN.	1.42	1.32	1.97	3.69	4.88	4.91	5.53	3.91	2.86	2.37	1.92	1.54	1.32

QM ST.: 4-350 CHILENGA YEAR : 1971/72 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	38.0	29.9	59.4	149.8	248.4	253.0	417.6	365.7	160.2	94.3	68.4	48.4	
2	37.6	29.3	57.6	154.7	248.4	253.9	420.0	356.2	157.0	93.3	67.6	47.9	
3	37.0	28.8	77.8	156.8	248.1	255.3	424.7	339.6	152.3	92.6	66.9	47.4	
4	36.5	28.1	53.5	164.1	247.8	257.6	426.3	326.3	150.1	91.7	66.3	46.9	
5	35.9	27.7	52.2	170.2	248.4	259.9	427.1	317.3	146.3	90.7	65.6	46.5	
6	35.6	27.2	51.2	176.8	251.3	260.8	428.7	309.8	143.5	90.2	65.1	46.1	
7	35.0	27.6	50.9	184.3	252.1	263.7	430.3	302.3	140.9	89.5	64.4	45.5	
8	34.6	27.3	51.5	192.3	252.7	267.8	431.9	291.0	137.5	88.5	63.7	44.6	
9	34.3	27.2	52.5	201.1	252.4	274.2	433.5	281.3	134.1	87.6	63.1	44.1	
10	33.9	28.6	54.5	208.3	251.8	251.3	435.9	274.2	131.2	87.0	62.5	43.7	
11	33.7	28.3	56.3	213.6	251.6	298.3	437.5	269.3	128.8	86.3	61.7	43.4	
12	32.9	27.9	58.6	220.5	250.7	311.1	438.3	266.4	126.5	85.6	61.1	43.3	
13	32.2	29.3	59.9	226.2	249.8	323.5	437.5	263.1	124.1	84.9	60.6	43.1	
14	31.7	29.1	60.6	231.4	248.4	332.6	438.3	260.8	120.9	84.1	60.0	42.7	
15	31.3	30.5	60.8	234.9	249.0	345.4	438.3	254.1	118.9	83.1	59.4	42.2	
16	31.4	31.7	61.3	238.0	248.1	353.3	438.3	251.3	116.6	82.1	58.7	41.8	
17	31.5	33.3	63.1	240.8	249.8	361.3	436.7	246.1	115.0	81.0	58.0	41.2	
18	30.7	34.5	65.6	244.2	248.1	369.4	435.9	237.2	112.9	80.5	57.4	40.6	
19	31.6	35.8	66.7	246.4	248.4	376.9	434.3	231.6	111.0	79.5	56.8	39.9	
20	30.6	38.6	70.8	249.3	248.7	382.9	432.7	225.9	109.3	78.6	56.3	39.2	
21	30.9	40.7	75.3	251.3	248.4	388.2	430.3	220.5	107.6	77.6	55.7	38.6	
22	31.9	44.0	79.1	250.7	248.4	393.5	424.7	211.8	106.3	76.7	54.9	37.8	
23	33.6	50.0	83.8	249.8	248.1	396.6	419.2	207.8	104.1	75.4	54.1	37.2	
24	35.1	54.5	91.2	249.3	248.7	400.4	411.3	201.9	103.1	74.9	53.6	36.7	
25	35.7	58.0	98.6	249.8	249.0	408.2	407.4	195.0	101.5	74.2	53.1	36.5	
26	35.5	61.1	105.5	249.6	248.7	411.3	404.3	189.5	100.2	73.1	52.4	36.1	
27	34.5	61.7	113.1	248.7	248.4	412.9	393.5	184.1	98.6	72.2	51.6	35.7	
28	33.4	62.0	121.1	248.4	248.7	414.4	384.4	179.5	97.5	71.4	51.1	35.2	
29	32.2	62.0	128.6	248.1	249.3	414.4	360.6	174.2	96.6	70.5	50.6	34.9	
30	31.2	60.8	137.7	247.8		415.2	373.1	170.2	95.4	69.6	49.6	34.3	
31	30.2		142.4	248.4		416.8		166.2		69.0	48.9		
MEAN	33.6	38.5	76.2	220.8	249.4	339.5	421.8	250.6	121.6	81.8	58.7	41.4	160.7
MAX.	38.0	62.0	142.4	251.3	252.7	416.8	438.3	365.7	160.2	94.3	68.4	48.4	438.3
MIN.	30.2	27.2	50.9	149.8	247.8	251.3	360.6	166.2	95.4	69.0	48.9	34.3	27.2

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 249.0 Q(185day): 98.6 Q(275day): 51.6 Q(355day): 29.3

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

HM ST.: 4-350 CHILENGA YEAR : 1972/73 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.53	1.33	1.28	1.84	2.56	4.02	3.73	2.64	1.61	1.37	1.26	1.15	
2	1.52	1.35	1.28	1.83	2.54	4.09	3.69	2.60	1.61	1.37	1.26	1.15	
3	1.50	1.37	1.27	1.83	2.51	4.16	3.66	2.53	1.59	1.36	1.26	1.15	
4	1.49	1.36	1.27	1.84	2.49	4.19	3.60	2.47	1.57	1.36	1.25	1.15	
5	1.48	1.35	1.28	1.85	2.46	4.22	3.56	2.43	1.56	1.35	1.24	1.15	
6	1.49	1.34	1.29	1.85	2.43	4.26	3.51	2.38	1.54	1.34	1.24	1.14	
7	1.48	1.34	1.32	1.86	2.42	4.32	3.45	2.33	1.53	1.34	1.24	1.13	
8	1.49	1.35	1.34	1.87	2.41	4.34	3.41	2.30	1.52	1.34	1.23	1.12	
9	1.48	1.37	1.35	1.87	2.43	4.36	3.33	2.26	1.51	1.33	1.23	1.12	
10	1.47	1.36	1.35	1.93	2.46	4.36	3.27	2.21	1.50	1.33	1.23	1.11	
11	1.46	1.37	1.35	1.89	2.51	4.36	3.24	2.17	1.49	1.33	1.22	1.11	
12	1.44	1.36	1.35	1.96	2.56	4.35	3.19	2.14	1.48	1.32	1.22	1.11	
13	1.44	1.34	1.35	2.01	2.60	4.33	3.12	2.11	1.47	1.32	1.22	1.11	
14	1.43	1.33	1.37	2.07	2.63	4.30	3.08	2.07	1.46	1.32	1.21	1.11	
15	1.44	1.34	1.40	2.14	2.66	4.29	3.05	2.03	1.45	1.32	1.21	1.10	
16	1.45	1.35	1.42	2.19	2.70	4.28	3.04	2.00	1.45	1.31	1.20	1.09	
17	1.44	1.37	1.44	2.28	2.78	4.27	3.01	1.96	1.44	1.31	1.20	1.09	
18	1.44	1.38	1.47	2.34	2.92	4.27	2.99	1.93	1.44	1.31	1.20	1.08	
19	1.43	1.36	1.51	2.36	3.02	4.27	2.97	1.91	1.43	1.31	1.19	1.08	
20	1.42	1.34	1.54	2.50	3.14	4.26	2.96	1.88	1.42	1.31	1.19	1.08	
21	1.41	1.33	1.57	2.57	3.23	4.22	2.96	1.85	1.41	1.31	1.18	1.07	
22	1.40	1.31	1.58	2.61	3.35	4.19	2.95	1.83	1.39	1.30	1.18	1.06	
23	1.38	1.31	1.61	2.64	3.47	4.16	2.93	1.80	1.38	1.30	1.18	1.06	
24	1.37	1.30	1.67	2.64	3.54	4.13	2.90	1.78	1.38	1.30	1.18	1.05	
25	1.37	1.28	1.76	2.67	3.63	4.09	2.88	1.76	1.38	1.30	1.18	1.05	
26	1.37	1.27	1.83	2.74	3.75	4.03	2.86	1.73	1.38	1.29	1.18	1.05	
27	1.35	1.26	1.85	2.72	3.82	3.98	2.81	1.71	1.37	1.29	1.17	1.05	
28	1.34	1.26	1.87	2.66	3.93	3.91	2.79	1.69	1.37	1.29	1.17	1.05	
29	1.33	1.26	1.86	2.63		3.86	2.73	1.66	1.37	1.28	1.16	1.04	
30	1.33	1.28	1.86	2.59		3.82	2.70	1.63	1.37	1.28	1.16	1.03	
31	1.32		1.85	2.57		3.79		1.62		1.27	1.16		
MEAN	1.43	1.33	1.50	2.24	2.89	4.18	3.15	2.05	1.46	1.32	1.21	1.09	1.98
MAX.	1.53	1.38	1.87	2.74	3.93	4.36	3.73	2.64	1.61	1.37	1.26	1.15	4.36
MIN.	1.32	1.26	1.27	1.83	2.41	3.79	2.70	1.62	1.37	1.27	1.16	1.03	1.03

QM ST.: 4-350 CHILENGA YEAR : 1972/73 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	33.9	27.5	26.0	45.6	78.7	174.7	152.7	83.1	36.9	28.7	25.5	22.1	
2	33.6	28.2	25.8	45.4	77.8	180.2	149.8	80.8	36.7	28.7	25.4	22.1	
3	33.1	28.6	25.6	45.1	76.5	185.8	147.6	77.5	36.1	28.5	25.2	22.0	
4	32.8	28.3	25.7	45.5	75.3	187.8	143.1	74.5	35.5	28.3	24.9	22.0	
5	32.2	28.1	25.8	46.0	73.5	190.5	140.5	72.0	35.0	28.0	24.8	22.0	
6	32.6	27.9	26.2	46.1	72.2	193.8	136.7	69.9	34.4	27.7	24.7	22.0	
7	32.4	27.6	27.0	46.2	71.5	198.6	132.5	67.5	33.9	27.7	24.7	21.6	
8	32.7	28.1	27.8	46.8	71.1	200.6	129.8	65.7	33.6	27.6	24.5	21.4	
9	32.1	28.6	28.0	46.8	72.3	202.4	124.3	63.8	33.2	27.5	24.4	21.2	
10	31.8	28.5	28.1	49.3	73.9	201.9	120.7	61.5	33.1	27.4	24.3	21.1	
11	31.5	28.6	28.2	47.4	76.0	201.6	118.7	59.9	32.7	27.3	24.2	21.0	
12	31.0	28.3	28.1	50.5	78.7	201.1	115.4	58.5	32.3	27.2	24.1	21.0	
13	30.8	27.8	28.2	52.8	81.2	199.3	110.8	57.0	31.9	27.1	24.0	20.9	
14	30.7	27.4	28.9	55.3	82.5	197.0	108.7	55.2	31.6	27.0	23.9	20.9	
15	31.0	27.6	29.5	58.3	84.3	195.8	107.0	53.5	31.4	27.0	23.9	20.7	
16	31.2	28.2	30.3	60.7	86.5	195.0	105.9	52.0	31.2	26.9	23.7	20.5	
17	31.0	28.8	30.8	64.7	90.7	194.8	104.2	50.6	31.0	26.9	23.6	20.4	
18	30.8	28.9	31.8	67.9	98.8	194.3	103.3	49.3	30.8	26.9	23.6	20.2	
19	30.5	28.3	33.4	68.8	105.2	194.3	102.2	48.3	30.6	26.9	23.3	20.2	
20	30.4	27.9	34.4	75.7	112.5	193.3	101.3	47.1	30.3	26.9	23.2	20.1	
21	30.1	27.5	35.4	79.2	118.3	190.5	101.1	46.1	29.8	26.8	23.1	20.0	
22	29.5	26.9	35.9	81.7	125.7	187.8	100.6	45.1	29.4	26.7	23.0	19.8	
23	29.1	26.8	36.7	83.0	133.7	185.6	99.5	44.0	29.1	26.6	23.0	19.6	
24	28.9	26.4	38.9	83.3	139.2	183.1	97.9	43.1	28.9	26.5	23.0	19.6	
25	28.9	26.0	42.6	84.8	145.2	179.7	96.6	42.2	28.9	26.4	23.0	19.5	
26	28.6	25.6	45.1	88.6	154.1	175.1	95.4	41.1	28.9	26.3	22.9	19.4	
27	28.0	25.3	45.8	87.3	159.0	171.3	92.8	40.4	28.9	26.3	22.8	19.3	
28	27.6	25.2	46.7	84.3	167.3	165.9	91.6	39.7	28.8	26.1	22.6	19.3	
29	27.4	25.2	46.5	82.5		162.2	88.1	38.8	28.8	26.0	22.5	19.2	
30	27.3	25.9	46.3	80.7		159.3	86.5	37.7	28.8	25.9	22.3	19.0	
31	27.1		46.0	79.5		156.5		37.1		25.7	22.3		
MEAN	30.6	27.5	33.4	63.9	99.3	187.1	113.5	54.9	31.8	27.1	23.8	20.6	59.2
MAX.	33.9	28.9	46.7	88.6	167.3	202.4	152.7	83.1	36.9	28.7	25.5	22.1	202.4
MIN.	27.1	25.2	25.6	45.1	71.1	156.5	86.5	37.1	28.8	25.7	22.3	19.0	19.0

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 76.5 Q(185day): 32.1 Q(275day): 26.9 Q(355day): 20.1

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

HM ST.: 4-350 CHILENGA YEAR : 1973/74 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.03	0.95	1.25	2.03	4.42	6.13	6.02	5.12	3.66	2.51	2.03	1.41	
2	1.03	0.98	1.25	2.11	4.52	6.17	6.00	5.04	3.61	2.49	2.02	1.41	
3	1.03	0.97	1.25	2.26	4.59	6.21	5.98	5.00	3.57	2.47	2.00	1.38	
4	1.03	0.98	1.24	2.36	4.65	6.25	5.97	4.90	3.50	2.45	1.99	1.39	
5	1.03	0.99	1.25	2.44	4.72	6.28	5.96	4.80	3.42	2.44	1.98	1.39	
6	1.03	0.99	1.31	2.55	4.82	6.33	5.93	4.74	3.35	2.44	1.97	1.37	
7	1.02	1.00	1.34	2.67	4.90	6.37	5.91	4.65	3.29	2.39	1.95	1.35	
8	1.02	1.03	1.34	2.77	4.99	6.40	5.89	4.55	3.23	2.41	1.95	1.35	
9	1.01	1.04	1.36	2.86	5.06	6.43	5.86	4.48	3.17	2.40	1.94	1.34	
10	1.02	1.05	1.37	2.94	5.13	6.44	5.84	4.42	3.12	2.39	1.92	1.33	
11	1.04	1.07	1.42	3.09	5.18	6.43	5.83	4.33	3.08	2.37	1.91	1.29	
12	1.04	1.10	1.50	3.24	5.24	6.43	5.82	4.27	3.03	2.36	1.90	1.30	
13	1.03	1.15	1.54	3.40	5.27	6.41	5.80	4.21	2.99	2.34	1.89	1.27	
14	1.02	1.18	1.56	3.49	5.32	6.39	5.79	4.14	2.94	2.33	1.87	1.27	
15	1.02	1.20	1.57	3.56	5.37	6.37	5.79	4.10	2.91	2.30	1.86	1.26	
16	1.01	1.22	1.57	3.64	5.42	6.35	5.78	4.07	2.87	2.28	1.83	1.23	
17	1.01	1.23	1.57	3.71	5.47	6.33	5.77	4.05	2.85	2.26	1.59	1.23	
18	1.00	1.26	1.60	3.78	5.52	6.31	5.75	4.04	2.82	2.24	1.57	1.21	
19	1.00	1.28	1.64	3.94	5.58	6.28	5.72	4.03	2.78	2.23	1.56	1.19	
20	0.99	1.29	1.66	4.01	5.64	6.26	5.71	4.01	2.76	2.22	1.55	1.17	
21	0.99	1.30	1.66	4.01	5.70	6.24	5.69	4.00	2.73	2.20	1.54	1.13	
22	0.99	1.30	1.67	4.02	5.75	6.21	5.64	3.99	2.69	2.19	1.53	1.15	
23	0.98	1.29	1.68	4.05	5.80	6.19	5.59	3.99	2.67	2.16	1.51	1.14	
24	0.98	1.29	1.71	4.10	5.85	6.18	5.55	3.98	2.64	2.15	1.49	1.13	
25	0.97	1.29	1.78	4.13	5.90	6.16	5.49	3.97	2.61	2.12	1.48	1.12	
26	0.96	1.28	1.83	4.15	5.96	6.14	5.43	3.95	2.59	2.12	1.47	1.11	
27	0.96	1.26	1.93	4.23	6.00	6.10	5.37	3.92	2.58	2.09	1.47	1.07	
28	0.96	1.27	2.02	4.28	6.04	6.09	5.31	3.88	2.56	2.08	1.45	1.09	
29	0.95	1.26	2.09	4.31		6.08	5.25	3.83	2.54	2.07	1.44	1.08	
30	0.95	1.25	2.13	4.34		6.06	5.20	3.78	2.53	2.05	1.43	1.05	
31	0.94		2.12	4.37		6.04		3.72		2.04	1.42		
MEAN	1.00	1.16	1.59	3.45	5.31	6.26	5.72	4.26	2.97	2.28	1.72	1.24	3.06
MAX.	1.04	1.30	2.13	4.37	6.04	6.44	6.02	5.12	3.66	2.51	2.03	1.41	6.44
MIN.	0.94	0.95	1.24	2.03	4.42	6.04	5.20	3.72	2.53	2.04	1.42	1.05	0.94

QM ST.: 4-350 CHILENGA YEAR : 1973/74 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	19.0	16.9	25.0	53.5	206.8	521.1	488.1	271.1	147.6	76.4	53.3	30.0	
2	19.0	17.6	25.1	57.0	216.0	532.6	482.2	263.4	143.7	75.1	52.9	29.9	
3	18.9	17.4	25.0	64.1	222.1	545.1	478.8	259.3	141.1	74.5	52.3	29.1	
4	18.9	17.5	24.8	68.8	226.7	556.0	476.3	250.4	136.0	73.4	51.6	29.4	
5	18.9	17.8	25.0	72.6	233.0	566.0	471.2	240.5	130.4	72.9	51.2	29.3	
6	18.9	18.0	26.9	78.6	242.8	579.9	464.6	234.9	126.1	72.5	50.7	28.7	
7	18.8	18.2	27.7	84.6	249.8	592.9	457.9	227.0	122.1	70.3	50.2	28.2	
8	18.6	18.9	27.9	90.2	258.8	602.4	453.0	218.1	118.1	71.2	50.0	28.0	
9	18.5	19.2	28.3	95.6	265.5	610.9	445.6	212.0	114.4	70.8	49.5	27.7	
10	18.7	19.5	28.9	100.4	271.7	613.8	440.8	207.3	111.0	70.0	48.8	27.4	
11	19.1	20.0	30.2	109.1	281.3	611.9	436.7	199.8	108.3	69.3	48.2	26.3	
12	19.2	20.9	32.9	118.5	295.7	610.0	433.5	194.3	105.5	68.5	47.8	26.4	
13	19.0	22.1	34.3	129.6	302.3	603.3	430.3	189.5	103.0	67.6	47.4	25.6	
14	18.8	22.9	35.2	135.2	313.2	598.6	427.9	184.1	100.2	67.0	46.8	25.6	
15	18.6	23.6	35.4	140.1	323.5	592.0	425.5	180.7	98.4	66.0	46.3	25.2	
16	18.5	24.0	35.3	145.7	336.1	585.4	423.1	178.3	96.1	64.8	45.1	24.6	
17	18.4	24.6	35.5	150.7	346.8	578.9	420.8	177.0	94.7	64.0	36.0	24.6	
18	18.2	25.3	36.4	156.3	359.1	572.4	416.0	175.8	92.9	63.1	35.4	23.9	
19	18.2	26.0	37.8	168.3	373.9	564.2	409.7	174.9	91.0	62.5	35.0	23.2	
20	18.0	26.3	38.5	173.5	388.2	557.8	405.1	173.9	89.7	61.8	34.6	22.7	
21	17.9	26.5	38.7	173.9	404.3	551.4	400.4	172.8	88.3	61.1	34.2	21.5	
22	17.8	26.4	38.9	174.7	417.6	544.2	388.2	172.0	86.1	60.4	33.9	22.1	
23	17.8	26.1	39.2	176.8	429.5	537.9	376.9	171.8	84.6	59.4	33.2	21.9	
24	17.7	26.2	40.5	180.7	443.2	533.5	365.7	171.1	83.3	58.7	32.6	21.6	
25	17.5	26.2	43.3	183.1	457.1	528.1	352.6	170.4	81.7	57.6	32.3	21.4	
26	17.2	25.9	45.1	184.8	471.2	522.8	337.5	169.2	80.7	57.2	32.0	21.0	
27	17.2	25.5	49.2	191.0	483.9	512.3	324.2	166.6	79.7	56.3	31.8	19.9	
28	17.1	25.6	53.1	195.5	495.0	508.8	309.8	163.4	78.7	55.7	31.3	20.5	
29	17.0	25.4	56.1	197.5		505.3	297.7	160.2	77.9	55.1	30.9	20.1	
30	16.9	25.1	57.9	200.1		499.3	285.8	156.1	77.1	54.5	30.5	19.6	
31	16.8		57.2	202.7		495.0		151.6		54.0	30.2		
MEAN	18.2	22.5	36.6	137.2	332.7	559.1	410.9	194.8	103.0	64.9	41.5	24.8	161.0
MAX.	19.2	26.5	57.9	202.7	495.0	613.8	488.1	271.1	147.6	76.4	53.3	30.0	613.8
MIN.	16.8	16.9	24.8	53.5	206.8	495.0	285.8	151.6	77.1	54.0	30.2	19.6	16.8

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 218.1 Q(185day): 70.8 Q(275day): 27.9 Q(355day): 17.6

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

HM ST.: 4-350 CHILENGA YEAR : 1974/75 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.06	1.14	1.38	4.06	5.78	5.63	6.40	5.82	3.39	2.46	1.91	1.58	
2	1.05	1.14	1.37	4.13	5.77	5.63	6.40	5.77	3.32	2.45	1.90	1.57	
3	1.04	1.13	1.33	4.32	5.76	5.72	6.41	5.70	3.26	2.42	1.88	1.56	
4	1.03	1.12	1.37	4.47	5.75	5.81	6.43	5.66	3.20	2.39	1.87	1.54	
5	1.01	1.12	1.47	4.51	5.74	5.88	6.43	5.61	3.15	2.37	1.87	1.53	
6	0.99	1.12	1.53	4.69	5.72	5.97	6.44	5.55	3.14	2.35	1.85	1.52	
7	0.96	1.11	1.58	4.79	5.69	6.01	6.43	5.48	3.11	2.33	1.84	1.51	
8	0.94	1.11	1.58	4.91	5.62	6.04	6.43	5.41	3.06	2.33	1.83	1.50	
9	0.97	1.11	1.58	5.02	5.55	6.06	6.42	5.32	3.03	2.31	1.82	1.48	
10	0.97	1.11	1.60	5.10	5.54	6.07	6.41	5.25	3.00	2.29	1.80	1.48	
11	0.96	1.10	1.66	5.15	5.50	6.07	6.41	5.14	2.97	2.27	1.79	1.46	
12	0.95	1.09	1.75	5.43	5.47	6.08	6.39	5.09	2.94	2.26	1.78	1.44	
13	0.93	1.09	1.81	5.47	5.46	6.09	6.36	5.04	2.91	2.24	1.76	1.43	
14	0.93	1.09	1.91	5.49	5.44	6.09	6.34	4.88	2.87	2.23	1.75	1.42	
15	0.93	1.09	1.97	5.51	5.42	6.10	6.33	4.64	2.85	2.21	1.74	1.41	
16	0.93	1.08	2.32	5.54	5.41	6.11	6.30	4.52	2.83	2.20	1.74	1.38	
17	0.92	1.09	2.41	5.57	5.43	6.12	6.27	4.43	2.83	2.18	1.74	1.37	
18	0.91	1.13	2.50	5.65	5.43	6.13	6.25	4.36	2.78	2.13	1.74	1.37	
19	0.90	1.12	2.57	5.69	5.44	6.16	6.23	4.27	2.76	2.12	1.73	1.35	
20	0.89	1.11	2.71	5.73	5.45	6.17	6.21	4.19	2.72	2.10	1.71	1.33	
21	0.87	1.11	2.89	5.79	5.45	6.19	6.19	4.11	2.70	2.08	1.70	1.31	
22	0.88	1.09	2.96	5.82	5.47	6.22	6.16	4.00	2.66	2.06	1.69	1.30	
23	0.87	1.12	3.06	5.84	5.48	6.25	6.13	3.86	2.64	2.04	1.68	1.28	
24	0.87	1.19	3.13	5.87	5.48	6.26	6.10	3.82	2.62	2.02	1.67	1.27	
25	0.87	1.20	3.18	5.88	5.51	6.28	6.07	3.75	2.61	2.01	1.66	1.26	
26	0.86	1.23	3.26	5.88	5.58	6.30	6.03	3.67	2.58	2.00	1.65	1.26	
27	0.86	1.26	3.33	5.88	5.61	6.32	5.99	3.57	2.56	1.98	1.64	1.25	
28	0.86	1.31	3.41	5.87	5.62	6.34	5.95	3.52	2.54	1.97	1.63	1.24	
29	0.86	1.34	3.56	5.85		6.35	5.92	3.49	2.52	1.95	1.62	1.23	
30	0.85	1.37	3.72	5.83		6.37	5.86	3.43	2.49	1.94	1.60	1.23	
31	0.84		3.92	5.80		6.38		3.40		1.93	1.59		
MEAN	0.93	1.15	2.35	5.34	5.56	6.10	6.26	4.60	2.87	2.18	1.75	1.40	3.36
MAX.	1.06	1.37	3.92	5.88	5.78	6.38	6.44	5.82	3.39	2.46	1.91	1.58	6.44
MIN.	0.84	1.08	1.33	4.06	5.41	5.63	5.86	3.40	2.49	1.93	1.59	1.23	0.84

QM ST.: 4-350 CHILENGA YEAR : 1974/75 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	19.8	22.0	29.0	177.8	424.7	385.1	600.5	435.1	128.3	73.9	48.4	35.7	
2	19.6	21.8	28.7	182.9	421.5	386.7	602.4	421.5	124.1	73.1	47.8	35.4	
3	19.2	21.6	27.5	198.6	420.0	407.4	605.2	404.3	119.9	71.7	47.3	35.0	
4	18.9	21.4	28.9	211.2	417.6	431.9	609.0	392.8	116.4	70.0	46.9	34.4	
5	18.3	21.3	32.0	215.2	414.4	450.5	611.9	382.1	113.1	69.0	46.6	34.1	
6	17.8	21.3	34.0	230.5	408.2	474.6	612.8	367.2	112.1	68.1	46.1	33.6	
7	17.2	21.1	35.6	240.0	400.4	486.4	611.9	348.9	110.2	67.5	45.7	33.3	
8	16.8	21.1	35.6	251.3	382.9	495.8	610.9	332.6	107.2	67.0	45.4	32.9	
9	17.5	21.0	35.7	261.7	367.2	499.3	608.1	313.2	105.7	66.2	44.7	32.3	
10	17.4	20.9	36.6	269.0	362.8	502.7	605.2	298.3	103.9	65.4	44.1	32.1	
11	17.2	20.9	38.5	276.7	354.0	503.6	603.3	274.2	101.7	64.4	43.7	31.7	
12	16.9	20.6	42.0	338.9	348.2	506.2	597.6	268.1	100.0	63.7	43.2	31.1	
13	16.4	20.5	44.4	348.2	345.4	508.8	587.3	263.1	98.4	63.0	42.6	30.7	
14	16.6	20.5	48.4	351.8	341.1	509.7	583.6	247.8	96.3	62.2	42.1	30.2	
15	16.5	20.4	50.7	357.6	335.4	511.4	579.9	225.9	94.9	61.5	41.8	29.8	
16	16.4	20.2	66.9	363.5	333.3	513.2	570.6	216.0	93.5	61.0	41.7	29.1	
17	16.1	20.5	71.1	372.4	338.2	516.7	562.3	208.3	93.6	60.0	41.5	28.8	
18	15.8	21.7	75.9	392.0	336.8	521.1	556.0	201.9	90.7	57.9	41.5	28.6	
19	15.7	21.3	79.4	400.4	339.6	529.9	548.7	194.3	89.5	57.4	41.1	28.0	
20	15.6	20.9	87.0	412.1	342.5	530.8	545.1	188.0	87.8	56.4	40.6	27.4	
21	15.1	21.0	97.2	426.3	343.2	537.0	537.0	181.4	86.3	55.6	40.2	26.9	
22	15.3	20.5	101.3	433.5	346.1	546.0	528.1	172.8	84.4	54.7	39.8	26.5	
23	15.1	21.4	107.4	439.1	349.7	554.1	520.2	162.5	83.1	54.0	39.5	25.9	
24	15.0	23.2	111.9	447.3	350.4	558.7	510.5	159.0	82.1	53.2	39.1	25.6	
25	14.9	23.6	114.6	450.5	356.9	565.1	501.9	153.6	81.5	52.7	38.6	25.5	
26	14.8	24.3	119.7	450.5	373.1	571.5	492.4	147.9	80.0	52.2	38.2	25.3	
27	14.7	25.5	124.5	449.7	381.4	576.1	481.3	140.9	78.7	51.5	37.9	25.0	
28	14.8	26.8	130.0	448.9	383.6	582.6	468.7	137.7	77.9	51.0	37.5	24.8	
29	14.8	27.8	140.3	441.6		586.4	461.2	135.2	76.8	50.2	37.0	24.6	
30	14.6	28.7	151.6	436.7		591.1	446.5	131.2	75.3	49.7	36.4	24.3	
31	14.4		166.9	430.3		595.8		129.2		49.2	36.0		
MEAN	16.4	22.1	74.0	345.4	368.5	514.1	558.7	246.3	96.5	60.4	42.0	29.6	196.7
MAX.	19.8	28.7	166.9	450.5	424.7	595.8	612.8	435.1	128.3	73.9	48.4	35.7	612.8
MIN.	14.4	20.2	27.5	177.8	333.3	385.1	446.5	129.2	75.3	49.2	36.0	24.3	14.4

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 363.5 Q(185day): 84.4 Q(275day): 33.6 Q(355day): 15.3

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

HM ST.: 4-350 CHILENGA YEAR : 1975/76 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.22	1.05	1.04	2.29	4.59	5.64	6.55	6.92	5.83	3.87	3.06	2.39	
2	1.22	1.05	1.03	2.33	4.62	5.67	6.56	6.90	5.77	3.84	3.04	2.36	
3	1.22	1.03	1.02	2.41	4.65	5.71	6.57	6.88	5.72	3.82	3.02	2.34	
4	1.22	1.01	1.03	2.55	4.68	5.74	6.59	6.85	5.67	3.78	3.00	2.32	
5	1.22	1.00	1.06	2.61	4.71	5.75	6.65	6.83	5.62	3.74	2.97	2.31	
6	1.22	1.00	1.08	2.66	4.74	5.79	6.69	6.80	5.56	3.70	2.95	2.29	
7	1.22	1.00	1.09	2.70	4.77	5.85	6.73	6.77	5.51	3.68	2.91	2.27	
8	1.21	1.00	1.12	2.80	4.80	5.90	6.75	6.74	5.46	3.66	2.89	2.26	
9	1.20	1.00	1.16	2.87	4.82	5.97	6.82	6.71	5.38	3.64	2.87	2.24	
10	1.19	0.98	1.23	2.94	4.85	6.03	6.87	6.69	5.31	3.61	2.85	2.22	
11	1.18	0.97	1.29	3.08	5.14	6.10	6.89	6.66	5.25	3.58	2.82	2.20	
12	1.18	0.96	1.36	3.22	4.93	6.15	6.89	6.62	5.19	3.56	2.80	2.42	
13	1.17	0.96	1.36	3.33	4.97	6.20	6.90	6.59	5.16	3.54	2.77	2.10	
14	1.16	0.94	1.37	3.46	5.00	6.25	6.89	6.56	5.09	3.53	2.76	2.08	
15	1.16	0.93	1.40	3.54	5.03	6.27	6.90	6.54	5.01	3.51	2.73	2.07	
16	1.15	0.93	1.43	3.64	5.06	6.30	6.91	6.50	4.88	3.48	2.72	2.05	
17	1.14	0.94	1.45	3.73	5.09	6.33	6.93	6.46	4.68	3.44	2.68	2.04	
18	1.13	0.94	1.47	3.81	5.11	6.35	6.97	6.42	4.60	3.39	2.65	2.02	
19	1.12	0.95	1.49	3.88	5.12	6.36	7.00	6.39	4.53	3.37	2.63	2.01	
20	1.12	0.94	1.52	3.95	5.14	6.37	7.03	6.35	4.46	3.35	2.62	1.99	
21	1.11	0.94	1.58	4.04	5.22	6.38	7.04	6.32	4.38	3.33	2.60	1.98	
22	1.10	0.95	1.65	4.11	5.37	6.39	7.05	6.27	4.32	3.30	2.59	1.96	
23	1.10	0.97	1.73	4.18	5.43	6.41	7.05	6.23	4.27	3.27	2.57	1.95	
24	1.09	0.99	1.80	4.25	5.50	6.43	7.05	6.19	4.20	3.24	2.56	1.94	
25	1.07	1.00	1.91	4.30	5.53	6.44	7.04	6.15	4.15	3.21	2.55	1.93	
26	1.06	1.01	2.03	4.36	5.56	6.44	7.03	6.11	4.09	3.18	2.53	1.92	
27	1.05	1.03	2.09	4.41	5.59	6.50	7.02	6.06	4.05	3.16	2.52	1.90	
28	1.05	1.04	2.15	4.44	5.60	6.53	7.00	6.02	4.02	3.15	2.50	1.89	
29	1.06	1.06	2.18	4.50	5.63	6.53	6.97	5.97	3.96	3.11	2.48	1.89	
30	1.07	1.05	2.19	4.52		6.54	6.95	5.92	3.91	3.09	2.46	1.88	
31	1.07		2.22	4.55		6.55		5.87		3.08	2.42		
MEAN	1.14	0.99	1.50	3.53	5.08	6.19	6.88	6.46	4.87	3.46	2.73	2.11	3.74
MAX.	1.22	1.06	2.22	4.55	5.63	6.55	7.05	6.92	5.83	3.87	3.06	2.42	7.05
MIN.	1.05	0.93	1.02	2.29	4.59	5.64	6.55	5.87	3.91	3.08	2.42	1.88	0.93

QM ST.: 4-350 CHILENGA YEAR : 1975/76 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.1	19.6	19.2	65.4	221.6	389.7	649.6	774.0	438.3	163.2	107.6	70.0	
2	24.1	19.3	18.9	67.2	224.5	396.6	651.6	767.6	421.5	160.9	106.3	68.7	
3	24.1	18.9	18.7	71.2	227.3	406.6	653.6	760.2	409.0	159.0	105.2	67.6	
4	24.1	18.4	18.9	78.6	229.7	412.9	662.5	750.6	396.6	155.9	103.7	66.7	
5	24.0	18.2	19.6	81.7	232.5	416.8	681.5	743.2	382.9	153.2	102.0	66.2	
6	24.0	18.1	20.1	84.1	235.2	426.3	695.7	732.8	368.7	150.5	100.6	65.3	
7	24.0	18.2	20.6	86.5	238.0	441.6	706.9	721.3	356.9	149.0	98.6	64.5	
8	23.9	18.1	21.4	91.7	240.5	456.3	716.1	710.0	344.6	147.4	97.2	63.7	
9	23.7	18.1	22.4	95.9	243.0	474.6	736.9	701.8	326.3	145.7	96.1	63.1	
10	23.4	17.7	24.4	100.0	245.6	490.7	757.0	693.6	310.4	143.7	94.9	62.1	
11	23.1	17.3	26.2	108.3	274.2	512.3	762.3	683.5	297.0	141.8	93.3	61.1	
12	22.9	17.2	28.4	117.1	253.0	525.5	764.4	672.4	284.5	140.5	91.9	71.9	
13	22.7	17.1	28.5	124.5	257.0	541.5	765.5	661.5	277.4	139.2	90.5	56.4	
14	22.5	16.8	28.8	133.1	259.9	554.1	764.4	651.6	268.4	138.1	89.5	55.6	
15	22.3	16.5	29.6	139.2	262.3	561.4	766.5	644.7	260.2	136.7	88.3	55.2	
16	22.0	16.5	30.6	146.1	265.2	569.7	769.8	633.0	248.4	135.0	87.3	54.4	
17	21.8	16.6	31.4	152.7	267.8	579.9	777.3	620.5	229.7	132.3	85.3	53.9	
18	21.6	16.7	32.0	158.1	269.9	585.4	791.3	607.1	222.7	128.6	84.0	53.2	
19	21.4	16.9	32.6	163.9	271.1	589.2	802.2	599.5	216.2	127.1	82.8	52.7	
20	21.2	16.7	33.6	169.2	273.6	592.0	811.0	585.4	210.2	126.1	82.1	51.9	
21	21.0	16.6	35.7	175.8	291.7	595.8	816.5	575.2	203.9	124.7	81.2	51.2	
22	20.9	16.9	38.3	181.9	324.9	598.6	819.8	562.3	198.8	122.5	80.4	50.6	
23	20.7	17.4	41.1	187.3	338.9	604.3	820.9	550.5	194.8	120.7	79.5	50.1	
24	20.4	17.9	43.9	192.5	353.3	610.0	820.9	537.9	188.5	118.7	78.9	49.5	
25	20.0	18.2	48.4	196.8	361.3	612.8	815.4	525.5	184.3	116.8	78.1	49.2	
26	19.6	18.5	53.5	202.4	369.4	614.7	813.2	514.9	180.2	114.8	77.3	48.7	
27	19.3	18.9	56.3	206.3	375.4	632.1	807.7	500.1	177.0	113.9	76.8	47.9	
28	19.6	19.2	58.9	209.1	379.1	641.8	800.0	488.1	174.2	112.7	75.6	47.6	
29	19.7	19.6	60.1	214.1	385.1	643.8	790.2	474.6	169.9	110.6	74.9	47.4	
30	20.0	19.6	60.6	216.0		646.7	783.7	461.2	165.7	109.3	73.5	47.3	
31	19.9		61.8	218.4		648.7		449.9		108.3	71.5		
MEAN	22.0	17.9	34.3	143.1	281.8	541.0	759.1	624.3	270.2	133.8	88.2	57.1	247.2
MAX.	24.1	19.6	61.8	218.4	385.1	648.7	820.9	774.0	438.3	163.2	107.6	71.9	820.9
MIN.	19.3	16.5	18.7	65.4	221.6	389.7	649.6	449.9	165.7	108.3	71.5	47.3	16.5

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 396.6 Q(185day): 133.1 Q(275day): 49.2 Q(355day): 17.3

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

HM ST.: 4-350 CHILENGA YEAR : 1976/77 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.88	1.42	1.75	3.21	4.28	5.57	6.74	5.96	3.98	2.97	2.48	2.15	
2	1.88	1.40	1.73	3.23	4.32	5.63	6.73	5.92	3.93	2.96	2.47	2.12	
3	1.88	1.37	1.70	3.24	4.39	5.68	6.71	5.86	3.88	2.93	2.45	2.08	
4	1.87	1.37	1.70	3.23	4.49	5.72	6.71	5.81	3.82	2.90	2.44	2.05	
5	1.84	1.37	1.69	3.23	4.80	5.78	6.68	5.75	3.74	2.89	2.42	2.03	
6	1.81	1.37	1.68	3.22	4.72	5.70	6.67	5.71	3.72	2.88	2.40	2.01	
7	1.79	1.37	1.67	3.22	4.74	5.99	6.65	5.67	3.68	2.87	2.39	1.99	
8	1.77	1.51	1.66	3.23	4.80	6.05	6.63	5.62	3.65	2.84	2.38	1.97	
9	1.75	1.62	1.71	3.25	4.83	6.09	6.62	5.53	3.62	2.82	2.36	1.94	
10	1.72	1.62	1.73	3.26	4.86	6.10	6.59	5.48	3.58	2.81	2.35	1.93	
11	1.70	1.62	1.75	3.30	4.89	6.18	6.57	5.42	3.54	2.79	2.34	1.91	
12	1.67	1.62	1.77	3.33	4.93	6.23	6.55	5.35	3.51	2.78	2.33	1.89	
13	1.65	1.63	1.79	3.39	4.97	6.30	6.52	5.30	3.47	2.76	2.31	1.87	
14	1.63	1.64	1.78	3.42	5.01	6.33	6.50	5.25	3.43	2.74	2.30	1.85	
15	1.61	1.65	2.10	3.42	5.04	6.40	6.50	5.15	3.40	2.73	2.29	1.84	
16	1.59	1.69	2.23	3.49	5.07	6.45	6.48	5.08	3.36	2.71	2.27	1.81	
17	1.58	1.72	2.33	3.52	5.13	6.49	6.46	5.02	3.32	2.69	2.26	1.79	
18	1.57	1.73	2.40	3.56	5.15	6.56	6.50	4.97	3.29	2.68	2.26	1.77	
19	1.56	1.73	2.42	3.60	5.19	6.59	6.39	4.88	3.25	2.67	2.26	1.75	
20	1.54	1.74	2.52	3.67	5.22	6.62	6.36	4.82	3.22	2.65	2.26	1.73	
21	1.53	1.76	2.57	3.70	5.24	6.64	6.33	4.75	3.19	2.64	2.26	1.71	
22	1.51	1.78	2.52	3.71	5.27	6.66	6.28	4.59	3.15	2.63	2.26	1.67	
23	1.48	1.84	2.69	3.73	5.31	6.68	6.25	4.55	3.14	2.61	2.26	1.68	
24	1.48	1.87	2.71	3.77	5.40	6.70	6.23	4.52	3.11	2.60	2.26	1.66	
25	1.48	1.89	2.87	3.86	5.41	6.71	6.20	4.48	3.08	2.58	2.26	1.65	
26	1.47	1.89	2.92	3.93	5.42	6.73	6.17	4.37	3.04	2.57	2.24	1.63	
27	1.47	1.88	2.94	4.00	5.47	6.74	6.14	4.31	3.03	2.55	2.23	1.62	
28	1.47	1.87	2.98	4.05	5.54	6.75	6.09	4.21	3.02	2.55	2.20	1.61	
29	1.46	1.83	3.12	4.14		6.76	6.04	4.17	3.00	2.54	2.17	1.60	
30	1.45	1.80	3.16	4.22		6.75	6.01	4.11	2.99	2.52	2.16	1.59	
31	1.44		3.20	4.25		6.75		4.05		2.50	2.16		
MEAN	1.63	1.65	2.25	3.56	5.00	6.33	6.44	5.05	3.40	2.72	2.31	1.83	3.51
MAX.	1.88	1.89	3.20	4.25	5.54	6.76	6.74	5.96	3.98	2.97	2.48	2.15	6.76
MIN.	1.44	1.37	1.66	3.21	4.28	5.57	6.01	4.05	2.99	2.50	2.16	1.59	1.37

QM ST.: 4-350 CHILENGA YEAR : 1976/77 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	47.3	30.3	42.1	117.0	195.0	370.9	710.0	472.1	171.3	102.2	74.9	59.0	
2	47.2	29.5	41.1	118.1	198.8	385.1	706.9	462.1	167.6	101.3	74.2	57.2	
3	47.1	28.9	40.3	118.5	204.2	399.7	701.8	444.0	163.4	99.7	73.4	55.5	
4	46.6	28.9	40.0	118.3	213.3	409.7	699.7	431.9	158.8	97.7	72.6	54.3	
5	45.7	28.8	39.7	117.9	240.5	423.9	692.6	417.6	153.4	97.2	71.9	53.3	
6	44.4	28.8	39.5	117.7	233.6	402.8	686.5	406.6	151.6	96.6	70.6	52.5	
7	43.4	28.8	39.0	117.7	235.5	479.6	680.5	395.8	148.7	95.9	70.0	51.8	
8	42.7	33.5	38.5	117.9	240.5	496.7	674.5	384.4	146.8	94.5	69.6	50.7	
9	41.9	37.4	40.4	119.3	243.6	507.9	670.4	360.6	144.4	93.1	68.8	49.8	
10	40.8	37.2	41.2	119.9	246.1	512.3	661.5	348.9	141.3	92.4	68.2	49.3	
11	40.3	37.4	42.0	122.5	248.7	536.1	654.6	335.4	139.2	91.2	67.8	48.6	
12	39.0	37.4	43.0	124.5	252.4	550.5	649.6	320.0	136.4	90.7	67.2	47.7	
13	38.2	37.7	43.5	128.6	257.0	569.7	639.8	307.7	133.7	89.5	66.3	46.9	
14	37.6	38.0	43.3	130.4	260.2	579.9	634.0	297.0	131.4	88.8	65.9	46.0	
15	36.9	38.2	56.4	130.8	263.1	602.4	631.1	275.5	129.2	88.0	65.1	45.5	
16	36.3	39.8	62.4	135.4	266.4	617.6	626.3	267.3	126.5	87.1	64.4	44.5	
17	35.7	40.7	67.3	137.3	271.7	629.2	621.4	261.4	124.1	86.1	64.1	43.4	
18	35.3	41.3	70.6	140.1	276.7	652.6	631.1	256.2	121.9	85.4	64.1	42.7	
19	35.0	41.4	71.9	143.3	285.2	661.5	596.7	247.8	119.5	84.8	64.1	42.0	
20	34.4	41.7	76.8	148.3	291.0	670.4	587.3	242.5	117.5	84.0	64.1	41.3	
21	34.0	42.4	79.5	150.1	295.7	678.5	578.9	235.8	115.2	83.0	64.1	40.6	
22	33.4	43.3	77.0	151.2	301.0	684.5	566.0	222.1	113.3	82.5	64.1	39.0	
23	32.4	45.5	85.9	152.5	309.8	691.6	556.0	218.1	112.1	81.7	64.1	39.5	
24	32.2	46.6	87.0	155.6	330.5	697.7	549.6	216.0	110.2	80.8	64.0	38.8	
25	32.1	47.6	96.1	162.2	332.6	702.8	540.6	212.5	108.9	80.0	63.7	38.2	
26	32.0	47.7	98.8	167.1	335.4	706.9	532.6	202.9	106.5	79.4	63.1	37.7	
27	31.9	47.3	100.0	172.8	347.5	711.0	522.8	197.5	105.5	78.6	62.2	37.4	
28	31.8	46.7	102.6	177.0	365.0	714.1	507.9	189.5	104.8	78.3	61.0	36.8	
29	31.7	45.4	111.2	183.8		717.2	495.0	186.3	103.9	77.6	59.9	36.5	
30	31.3	44.1	113.5	190.8		715.1	485.6	181.2	103.1	76.7	59.4	36.1	
31	30.9	.	116.4	192.8		713.1		177.9		75.9	59.4		
MEAN	37.7	38.7	66.0	141.3	269.3	586.8	616.4	295.9	130.3	87.8	66.2	45.4	197.8
MAX.	47.3	47.7	116.4	192.8	365.0	717.2	710.0	472.1	171.3	102.2	74.9	59.0	717.2
MIN.	30.9	28.8	38.5	117.0	195.0	370.9	485.6	177.0	103.1	75.9	59.4	36.1	28.8

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(1 y): 256.2 Q(185day): 102.6 Q(275day): 47.3 Q(355day): 31.8

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

HM ST.: 4-350 CHILENGA YEAR : 1977/78 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.57		1.48	4.61	6.29	7.15	7.61	7.33	6.16	4.79	3.90	3.21	
2	1.56		1.59	4.68	6.36	7.16		7.31	6.09	4.75	3.89	3.19	
3	1.53		1.74	4.72	6.44	7.17		7.29	6.04	4.70	3.85	3.15	
4	1.51		1.85	4.74	6.48	7.17		7.26	5.98	4.63	3.82	3.13	
5	1.50		1.91	4.76	6.52	7.18		7.23	5.95	4.61	3.81	3.11	
6	1.50		2.01	4.80	6.55	7.20		7.21	5.89	4.56	3.80	3.09	
7	1.49		2.13	4.85	6.58	7.22		7.18	5.85	4.52	3.80	3.07	
8	1.49		2.25	4.91	6.63	7.24		7.17	5.80	4.49	3.79	3.05	
9	1.49		2.31	5.00	6.64	7.25		7.00	5.77	4.46	3.79	3.00	
10	1.49		2.37	5.05	6.66	7.27		6.98	5.74	4.42	3.75	2.97	
11	1.48		2.40	5.08	6.67	7.28		6.96	5.56	4.40	3.68	2.96	
12	1.46		2.41	5.12	6.69	7.29		6.93	5.47	4.38	3.67	2.94	
13	1.45		2.58	5.16	6.71	7.30		6.90	5.45	4.36	3.66	2.92	
14	1.44		2.77	5.20	6.74	7.35		6.87	5.43	4.34	3.65	2.90	
15	1.43		2.89	5.25	6.79	7.32		6.85	5.41	4.30	3.63	2.88	
16	1.42		3.08	5.29	6.81	7.33		6.83	5.39	4.27	3.61	2.86	
17	1.38		3.17	5.37	6.82	7.35	7.62	6.80	5.37	4.24	3.61	2.84	
18	1.36		3.44	5.42	6.84	7.36	7.62	6.78	5.35	4.21	3.59	2.81	
19	1.34		3.57	5.47	6.86	7.37	7.61	6.91	5.31	4.18	3.55	2.78	
20	1.33		3.68	5.54	6.89	7.39	7.60	6.68	5.27	4.16	3.52	2.76	
21	1.32		3.75	5.60	6.92	7.42	7.60	6.61	5.25	4.13	3.49	2.73	
22	1.31	1.24	3.82	5.65	6.95	7.44	7.57	6.57	5.16	4.11	3.47	2.69	
23	1.30	1.28	3.91	5.73	7.00	7.46	7.55	6.56	5.12	4.09	3.42	2.66	
24	1.29	1.32	4.09	5.77	7.03	7.48	7.53	6.53	5.09	4.08	3.39	2.64	
25	1.28	1.38	4.14	5.82	7.05	7.50	7.51	6.46	5.04	4.03	3.36	2.60	
26	1.28	1.41	4.20	5.87	7.09	7.51	7.49	6.41	4.97	4.02	3.33	2.58	
27	1.27	1.41	4.26	5.90	7.11	7.53	7.45	6.39	4.94	4.01	3.30	2.55	
28	1.27	1.42	4.33	5.94	7.13	7.54	7.44	6.35	4.90	3.97	3.27	2.53	
29		1.43	4.40	6.00		7.56	7.40	6.28	4.84	3.96	3.27	2.51	
30		1.43	4.48	6.15		7.58	7.36	6.23	4.80	3.93	3.26	2.46	
31			4.56	6.21		7.61		6.18		3.92	3.23		
MEAN	1.41	1.37	3.08	5.34	6.76	7.36	7.53	6.81	5.45	4.29	3.59	2.85	4.75
MAX.	1.57	1.43	4.56	6.21	7.13	7.61	7.62	7.33	6.16	4.79	3.90	3.21	7.62
MIN.	1.27	1.24	1.48	4.61	6.29	7.15	7.36	6.18	4.80	3.92	3.23	2.46	1.24

QM ST.: 4-350 CHILENGA YEAR : 1977/78 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	35.4	34.8	32.2	224.0	566.9	857.7	1156.3	925.7	529.9	239.4	165.2	117.0	
2	35.0	34.1	36.0	229.4	587.3	858.9	1164.1	915.2	507.9	236.3	164.1	115.2	
3	34.0	32.9	41.5	233.0	614.7	863.4	1163.3	909.3	494.1	231.4	161.5	112.9	
4	33.4	31.9	46.0	235.2	627.2	865.7	1160.2	897.7	478.8	225.6	158.8	111.7	
5	33.1	31.4	48.4	237.4	639.8	867.9	1155.5	885.1	468.7	223.5	158.1	110.4	
6	32.9	32.0	52.4	240.8	648.7	873.6	1143.0	877.1	452.2	218.9	157.9	109.3	
7	32.8	31.5	57.9	245.6	659.5	882.8	1135.2	866.8	442.4	216.0	157.4	108.0	
8	32.7	30.6	63.2	250.7	673.4	888.5	1117.3	862.3	430.3	213.3	157.0	106.6	
9	32.7	30.5	66.4	259.1	678.5	894.3	1106.6	802.2	421.5	210.2	156.8	103.9	
10	32.6	32.1	69.0	264.0	683.5	901.2	1093.5	793.5	413.7	207.3	153.8	102.2	
11	32.1	34.4	70.9	267.6	688.5	907.0	1083.6	785.9	369.4	205.2	148.7	101.3	
12	31.6	34.7	71.1	270.8	693.6	910.5	1073.8	777.3	346.1	203.9	148.1	100.0	
13	31.4	34.4	80.2	278.0	701.8	914.0	1051.2	765.5	342.5	202.1	147.2	98.8	
14	31.0	33.3	90.5	287.1	712.0	933.9	1047.5	755.9	338.2	200.3	146.3	97.7	
15	30.7	32.4	97.0	298.3	728.6	922.2	1031.8	749.6	333.3	197.0	145.0	96.8	
16	30.3	32.4	108.3	307.1	734.8	925.7	1012.6	742.2	327.7	194.5	144.1	95.4	
17	29.0	33.1	114.0	324.2	740.1	930.4	1038.1	730.7	323.5	192.0	143.9	94.3	
18	28.4	32.1	131.8	336.1	745.3	935.1	1038.1	725.5	318.7	189.8	142.2	92.8	
19	27.8	31.6	140.7	347.5	751.7	941.0	1036.8	769.8	309.8	187.5	139.6	90.7	
20	27.3	31.6	148.5	364.2	761.2	948.1	1031.8	690.6	301.0	185.3	137.7	89.8	
21	27.1	33.7	153.8	378.4	773.0	961.2	1029.4	668.5	296.3	183.3	135.2	88.3	
22	26.9	24.7	159.0	391.2	783.7	968.4	1019.5	656.5	278.0	181.9	133.7	86.1	
23	26.7	25.8	165.9	410.5	801.1	976.8	1010.9	652.6	271.1	179.9	130.4	84.3	
24	26.3	27.1	179.9	420.8	811.0	984.1	1004.8	643.8	268.1	178.7	128.8	83.0	
25	26.0	29.1	183.6	433.5	819.8	991.4	996.2	620.5	263.7	175.4	126.7	81.2	
26	25.9	29.9	188.5	448.1	834.2	996.2	987.7	603.3	256.4	174.4	124.5	79.7	
27	25.7	30.0	193.5	455.5	840.9	1002.3	972.0	597.6	253.6	173.7	122.7	78.4	
28	25.6	30.2	199.6	466.2	847.6	1008.4	966.0	586.4	249.6	170.6	120.9	77.3	
29	32.0	30.6	205.0	483.9		1014.6	952.9	565.1	244.2	169.7	120.7	76.1	
30	32.8	30.7	212.3	525.5		1024.4	937.5	549.6	240.8	167.8	119.7	73.7	
31	33.7		219.4	544.2		1034.3		535.2		166.4	118.1		
MEAN	30.4	31.5	117.0	337.4	719.6	935.0	1057.2	738.9	352.4	196.8	142.4	95.4	393.6
MAX.	35.4	34.8	219.4	544.2	847.6	1034.3	1164.1	925.7	529.9	239.4	165.2	117.0	1164.1
MIN.	25.6	24.7	32.2	224.0	566.9	857.7	937.5	535.2	240.8	166.4	118.1	73.7	24.7

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 712.0 Q(185day): 224.0 Q(275day): 96.8 Q(355day): 27.1

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

HM ST.: 4-350 CHILENGA YEAR : 1978/79 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.44	2.12	2.84	5.12	5.74	6.09	7.25	6.89	5.59	4.54	3.64	2.97	
2	2.43	2.20	2.87	5.16	5.73	6.11	7.28	6.86	5.56	4.33	3.59	2.95	
3	2.42	2.30	2.87	5.19	5.48	6.14	7.20	6.84	5.54	4.19	3.57	2.92	
4	2.40	2.31	2.90	5.23	5.64	6.35	7.16	6.83	5.50	4.18	3.55	2.90	
5	2.38	2.30	3.06	5.26	5.73	6.53	7.18	6.80	5.44	4.15	3.53	2.87	
6	2.37	2.28	3.08	5.30	5.74	6.46	7.20	6.76	5.33	4.13	3.52	2.85	
7	2.36	2.27	3.10	5.41	5.75	6.47	7.24	6.71	5.25	4.10	3.51	2.82	
8	2.36	2.30	3.12	5.55	5.77	6.48	7.27	6.68	5.21	4.08	3.49	2.80	
9	2.35	2.33	3.13	5.61	5.77	6.49	7.30	6.66	5.15	4.06	3.47	2.78	
10	2.34	2.36	3.65	5.68	5.78	6.52	7.37	6.63	5.11	4.04	3.45	2.73	
11	2.29	2.38	3.45	5.71	5.75	6.60	7.32	6.59	5.07	4.02	3.44	2.71	
12	2.25	2.40	3.54	5.75	5.81	6.66	7.30	6.56	5.03	4.00	3.42	2.69	
13	2.19	2.44	3.73	5.78	5.83	6.69	7.26	6.51	4.97	3.97	3.40	2.67	
14	2.17	2.45	3.82	5.81	5.85	6.72	7.26	6.50	4.94	3.95	3.38	2.64	
15	2.14	2.48	3.92	5.86	5.86	6.74	7.25	6.49	4.93	3.93	3.33	2.61	
16	2.11	2.51	4.04	5.91	5.86	6.78	7.24	6.43	4.87	3.92	3.31	2.59	
17	2.10	2.55	4.11	5.91	5.90	6.78	7.22	6.34	4.79	3.90	3.30	2.57	
18	2.08	2.58	4.18	5.91	5.93	6.79	7.20	6.32	4.76	3.88	3.28	2.54	
19	2.06	2.60	4.01	5.91	5.94	6.80	7.18	6.29	4.70	3.87	3.26	2.52	
20	2.04	2.63	4.35	5.91	5.94	6.83	7.17	6.25	4.64	3.85	3.24	2.50	
21	2.02	2.66	4.46	5.91	5.95	6.85	7.14	6.21	4.60	3.83	3.22	2.48	
22	2.02	2.69	4.52	5.90	5.97	6.86	7.12	6.17	4.56	3.81	3.20	2.47	
23	2.01	2.71	4.57	5.89	5.98	6.90	7.10	6.05	4.53	3.79	3.18	2.46	
24	2.00	2.77	4.59	5.87	5.99	6.93	7.08	6.00	4.50	3.79	3.15	2.44	
25	2.01	2.81	4.62	5.85	6.00	6.94	7.06	5.95	4.48	3.77	3.14	2.43	
26	2.01	2.86	4.70	5.83	6.01	7.00	7.04	5.93	4.46	3.76	3.12	2.39	
27	2.00	2.87	4.83	5.81	6.04	7.05	7.01	5.89	4.43	3.73	3.10	2.37	
28	2.01	2.87	4.90	5.79	6.06	7.13	6.98	5.83	4.39	3.72	3.08	2.35	
29	2.03	2.86	4.94	5.76		7.17	6.94	5.72	4.36	3.70	3.05	2.32	
30	2.06	2.86	4.97	5.75		7.21	7.22	5.68	4.33	3.68	3.03	2.30	
31	2.10		5.05	5.74		7.24		5.62		3.66	3.00		
MEAN	2.18	2.52	3.93	5.68	5.85	6.72	7.18	6.35	4.90	3.95	3.32	2.62	4.59
MAX.	2.44	2.87	5.05	5.91	6.06	7.24	7.37	6.89	5.59	4.54	3.64	2.97	7.37
MIN.	2.00	2.12	2.84	5.12	5.48	6.09	6.94	5.62	4.33	3.66	3.00	2.30	2.00

QM ST.: 4-350 CHILENGA YEAR : 1978/79 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	72.9	57.5	94.5	270.8	412.9	509.7	894.3	762.3	376.1	217.8	145.7	102.0	
2	72.3	61.3	95.9	277.4	411.3	514.9	907.0	752.7	369.4	199.6	142.4	100.6	
3	71.5	65.9	95.9	285.2	348.9	522.8	873.6	745.3	364.2	188.3	140.7	99.1	
4	70.6	66.4	98.1	292.4	388.9	584.5	860.0	741.1	355.5	186.8	139.8	97.7	
5	69.7	65.6	107.4	299.7	411.3	643.8	866.8	732.8	340.4	184.6	138.4	96.1	
6	69.1	64.8	108.3	307.7	412.9	621.4	873.6	719.2	315.2	183.1	137.3	94.7	
7	68.8	64.5	110.0	333.3	416.8	624.3	888.5	702.8	297.7	180.9	136.4	93.3	
8	68.5	65.6	111.0	367.2	422.3	626.3	902.4	691.6	287.8	179.5	135.4	91.7	
9	68.4	67.0	111.9	379.9	422.3	629.2	914.0	683.5	276.1	177.8	134.3	90.7	
10	67.6	68.7	146.5	399.7	424.7	638.9	939.8	675.5	270.5	175.8	132.9	88.1	
11	65.4	69.6	132.9	405.9	417.6	663.5	919.8	660.5	266.4	174.7	131.8	87.1	
12	63.2	70.5	138.8	417.6	431.9	683.5	911.7	650.6	262.6	173.0	130.4	86.1	
13	60.8	72.5	152.5	423.9	436.7	695.7	898.9	636.9	257.0	170.4	129.2	84.9	
14	59.7	73.2	159.3	432.7	442.4	703.8	897.7	632.1	254.1	169.2	127.7	83.1	
15	58.3	74.8	166.4	445.6	444.0	712.0	892.0	629.2	252.4	167.8	124.5	81.7	
16	57.1	76.4	176.1	457.9	446.5	723.4	888.5	609.0	247.0	166.6	123.3	80.4	
17	56.5	78.1	181.4	458.8	455.5	726.5	883.9	583.6	239.4	165.2	122.9	79.2	
18	55.6	79.9	186.8	459.6	462.9	729.6	875.9	577.1	236.9	163.9	121.3	77.9	
19	54.8	81.0	173.7	459.6	466.2	732.8	869.1	568.8	231.9	162.7	119.9	77.0	
20	53.7	82.6	201.4	459.6	467.1	741.1	862.3	556.9	225.9	161.3	118.5	75.6	
21	53.1	84.4	210.4	459.6	470.4	747.4	853.2	544.2	222.4	159.7	117.3	74.9	
22	53.1	85.8	215.4	455.5	475.4	753.8	846.5	531.7	218.9	158.6	116.0	74.5	
23	52.8	87.0	219.7	453.0	478.8	765.5	838.7	496.7	216.2	157.2	115.0	73.9	
24	52.3	90.5	222.1	448.9	481.3	775.1	829.7	483.0	213.9	156.5	113.3	72.8	
25	52.5	92.6	224.5	443.2	483.0	780.5	824.2	471.2	212.0	155.4	112.1	72.0	
26	52.7	95.2	231.6	436.7	486.4	801.1	816.5	463.7	210.4	154.3	111.0	70.3	
27	52.2	95.8	243.9	431.1	493.3	820.9	806.6	453.8	207.6	152.7	109.7	69.0	
28	52.5	95.8	249.8	425.5	501.0	849.9	794.6	437.5	204.7	151.6	108.3	68.1	
29	53.3	95.6	253.9	420.0		863.4	780.5	409.0	201.6	150.5	106.6	66.9	
30	54.8	95.4	257.0	415.2		879.3	881.6	398.1	199.1	149.0	105.5	65.7	
31	56.7		264.0	412.9		888.5		383.6		147.4	103.9		
MEAN	60.4	77.5	172.3	401.2	443.3	708.2	869.7	593.0	261.1	169.1	124.2	82.5	329.4
MAX.	72.9	95.8	264.0	459.6	501.0	888.5	939.8	762.3	376.1	217.8	145.7	102.0	939.8
MIN.	52.2	57.5	94.5	270.8	348.9	509.7	780.5	383.6	199.1	147.4	103.9	65.7	52.2

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 467.1 Q(185day): 215.4 Q(275day): 97.7 Q(355day): 54.8

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

HM ST.: 4-350 CHILENGA YEAR : 1979/80 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.27	2.31	3.07	5.38	5.49	5.94	6.56	6.31	5.12	3.77	3.25	2.65	
2	2.25	2.29	3.17	5.43	5.50	5.95	6.55	6.31	5.10	3.75	3.23	2.63	
3	2.22	2.27	3.24	5.45	5.51	5.96	6.54	6.31	5.08	3.74	3.21	2.61	
4	2.20	2.25	3.28	5.46	5.53	5.96	6.53	6.31	5.02	3.72	3.20	2.57	
5	2.18	2.23	3.35	5.48	5.55	5.96	6.52	6.31	4.88	3.70	3.18	2.55	
6	2.15	2.19	3.44	5.20	5.57	5.98	6.51	6.31	4.88	3.68	3.16	2.53	
7	2.13	2.16	3.47	5.53	5.59	6.01	6.50	6.31	4.79	3.66	3.15	2.51	
8	2.11	2.12	3.54	5.55	5.61	6.06	6.48	6.30	4.74	3.64	3.13	2.49	
9	2.09	2.09	3.59	5.56	5.61	6.07	6.46	6.28	4.64	3.61	3.12	2.47	
10	2.07	2.10	3.65	5.58	5.62	6.08	6.44	6.27	4.58	3.60	3.10	2.45	
11	2.06	2.14	3.74	5.60	5.64	6.09	6.39	6.21	4.52	3.58	3.08	2.44	
12	2.05	2.15	3.84	5.61	5.66	6.11	6.40	6.14	4.46	3.56	3.07	2.44	
13	2.04	2.15	3.96	5.61	5.66	6.15	6.40	6.13	4.41	3.54	3.05	2.44	
14	2.04	2.16	4.11	5.61	5.67	6.22	6.40	6.12	4.36	3.53	3.03	2.43	
15	2.03	2.16	4.21	5.61	5.67	6.27	6.38	6.10	4.33	3.51	3.00	2.40	
16	2.02	2.16	4.31	5.60	5.68	6.28	6.36	6.07	4.30	3.48	2.98	2.37	
17	2.02	2.22	4.40	5.60	5.68	6.32	6.35	6.01	4.25	3.47	2.96	2.35	
18	2.03	2.30	4.44	5.60	5.68	6.37	6.34	5.90	4.22	3.45	2.95	2.32	
19	2.03	2.37	4.74	5.59	5.71	6.24	6.33	5.86	4.16	3.44	2.93	2.30	
20	2.03	2.40	4.90	5.58	5.72	6.46	6.32	5.84	4.11	3.43	2.90	2.29	
21	2.05	2.43	4.93	5.57	5.74	6.50	6.32	5.79	4.06	3.41	2.87	2.27	
22	2.05	2.50	4.95	5.57	5.76	6.51	6.32	5.75	4.02	3.40	2.84	2.25	
23	2.08	2.57	4.96	5.56	5.79	6.53	6.32	5.64	3.99	3.39	2.84	2.23	
24	2.12	2.65	4.97	5.55	5.81	6.55	6.32	5.57	3.96	3.38	2.83	2.21	
25	2.19	2.69	4.99	5.55	5.83	6.56	6.32	5.50	3.93	3.37	2.80	2.19	
26	2.24	2.74	5.06	5.54	5.85	6.56	6.32	5.43	3.91	3.36	2.78	2.17	
27	2.30	2.80	5.14	5.47	5.86	6.56	6.32	5.37	3.89	3.33	2.76	2.15	
28	2.32	2.89	5.22	5.47	5.90	6.56	6.32	5.31	3.85	3.30	2.74	2.13	
29	2.34	2.95	5.26	5.47	5.92	6.56	6.32	5.25	3.82	3.29	2.72	2.11	
30	2.34	3.00	5.31	5.47		6.56	6.32	5.21	3.79	3.28	2.69	2.08	
31	2.33		5.35	5.48		6.56		5.16		3.26	2.67		
MEAN	2.14	2.38	4.28	5.53	5.68	6.27	6.40	5.92	4.37	3.50	2.97	2.37	4.32
MAX.	2.34	3.00	5.35	5.61	5.92	6.56	6.56	6.31	5.12	3.77	3.25	2.65	6.56
MIN.	2.02	2.09	3.07	5.20	5.49	5.94	6.32	5.16	3.79	3.26	2.67	2.08	2.02

QM ST.: 4-350 CHILENGA YEAR : 1979/80 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	64.5	66.2	108.0	325.6	351.8	467.1	650.6	574.3	271.1	155.6	119.5	83.6	
2	63.4	65.3	114.0	338.9	353.3	469.6	647.7	574.3	269.0	154.1	118.1	82.8	
3	62.1	64.3	118.9	341.8	357.6	471.2	644.7	574.3	267.3	153.4	117.0	81.5	
4	61.0	63.2	121.3	345.4	362.0	472.1	641.8	573.4	261.1	151.8	116.0	79.5	
5	60.0	62.5	125.9	350.4	365.7	472.9	638.9	573.4	247.8	150.3	114.8	78.4	
6	58.7	60.8	131.8	285.8	370.2	478.0	635.0	572.4	247.8	149.0	113.9	77.5	
7	57.9	59.3	133.9	362.0	375.4	485.6	633.0	572.4	240.2	147.4	112.7	76.5	
8	56.8	57.5	139.0	365.7	379.9	499.3	627.2	569.7	235.5	145.7	111.7	75.1	
9	56.0	56.1	142.4	369.4	381.4	502.7	620.5	566.0	225.9	143.7	111.0	74.3	
10	55.3	56.7	146.8	374.6	383.6	506.2	612.8	560.5	220.5	143.1	109.7	73.2	
11	54.8	58.2	153.4	378.4	388.9	508.8	599.5	542.4	215.4	142.0	108.9	72.8	
12	54.3	58.7	160.9	380.6	392.8	514.0	601.4	524.6	210.7	140.5	107.8	72.8	
13	54.0	59.0	169.4	381.4	394.3	526.3	601.4	520.2	206.0	139.0	106.6	72.6	
14	53.9	59.2	181.6	380.6	395.8	546.9	600.5	516.7	201.6	137.9	105.5	72.3	
15	53.3	59.3	189.8	379.9	396.6	562.3	593.9	512.3	199.6	136.4	103.9	70.6	
16	52.9	59.3	197.8	379.1	397.4	565.1	587.3	503.6	197.3	135.0	102.6	69.4	
17	53.2	61.8	205.0	378.4	398.9	575.2	584.5	487.3	192.5	133.7	101.5	68.1	
18	53.3	66.0	208.6	377.6	399.7	592.0	581.7	456.3	190.0	132.7	100.6	66.6	
19	53.5	69.0	235.2	376.9	405.1	551.4	579.9	445.6	185.6	131.8	99.3	65.9	
20	53.6	70.5	250.4	374.6	409.7	619.5	575.2	440.0	181.2	131.2	97.7	65.1	
21	54.3	72.0	253.3	372.4	414.4	631.1	576.1	427.1	177.5	130.2	95.9	64.3	
22	54.5	75.6	254.4	370.9	419.2	636.9	576.1	415.2	174.4	129.2	94.3	63.2	
23	55.5	79.4	255.9	368.7	427.9	643.8	576.1	388.9	172.3	128.6	94.2	62.5	
24	57.2	83.6	256.4	367.2	432.7	647.7	576.1	370.2	169.9	127.9	93.5	61.7	
25	60.4	85.8	258.8	365.7	438.3	650.6	575.2	353.3	167.8	127.1	92.1	60.4	
26	63.1	88.8	264.9	362.8	441.6	651.6	575.2	338.2	166.2	126.3	90.9	59.6	
27	66.0	92.3	273.6	347.5	445.6	651.6	575.2	324.2	164.1	124.3	90.0	58.7	
28	66.9	97.0	291.0	346.1	456.3	651.6	575.2	311.1	161.5	122.7	88.8	58.0	
29	67.6	100.8	299.0	348.2	461.2	650.6	575.2	298.3	159.3	121.9	87.3	57.0	
30	67.8	103.9	309.8	346.8		650.6	575.2	287.8	157.0	121.1	85.6	55.9	
31	67.2		320.0	349.7		651.6		278.0		120.3	84.6		
MEAN	58.5	70.4	202.3	361.1	399.9	564.6	600.4	466.2	204.5	136.6	102.4	69.3	269.3
MAX.	67.8	103.9	320.0	381.4	461.2	651.6	650.6	574.3	271.1	155.6	119.5	83.6	651.6
MIN.	52.9	56.1	108.0	285.8	351.8	467.1	575.2	278.0	157.0	120.3	84.6	55.9	52.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 399.7 Q(185day): 192.5 Q(275day): 90.0 Q(355day): 54.8

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

HM ST.: 4-350 CHILENGA YEAR : 1980/81 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	2.04	2.10	1.81	3.58	5.11	6.15	6.90	5.96	4.56	3.41	2.88	2.36	
2	1.98	2.12	1.81	3.62	5.20	6.20	6.88	5.90	4.52	3.39	2.87	2.35	
3	1.96	2.15	1.81	3.77	5.20	6.24	6.86	5.86	4.50	3.36	2.86	2.34	
4	1.94	2.16	1.82	3.82	5.22	6.27	6.84	5.83	4.47	3.64	2.84	2.33	
5	1.93	2.20	1.84	3.84	5.23	6.30	6.81	5.80	4.42	3.32	2.83	2.32	
6	1.93	2.20	1.88	3.87	5.25	6.34	6.78	5.72	4.42	3.30	2.81	2.30	
7	1.92	2.14	1.91	3.89	5.27	6.48	6.71	5.68	4.40	3.28	2.80	2.29	
8	1.91	2.08	1.95	3.92	5.27	6.51	6.69	5.67	4.39	3.27	2.77	2.27	
9	1.90	2.03	2.02	4.06	5.29	6.55	6.67	5.64	4.22	3.25	2.76	2.26	
10	1.89	2.01	2.13	4.09	5.32	6.60	6.66	5.61	4.13	3.23	2.75	2.25	
11	1.89	1.99	2.25	4.14	5.33	6.63	6.65	5.57	4.02	3.21	2.74	2.23	
12	1.87	1.97	2.42	4.16	5.35	6.65	6.64	5.53	3.99	3.20	2.72	2.21	
13	1.86	1.93	2.72	4.18	5.35	6.67	6.61	5.51	3.95	3.18	2.71	2.18	
14	1.85	1.90	2.46	4.19	5.40	6.70	6.60	5.49	3.91	3.16	2.69	2.17	
15	1.84	1.89	2.46	4.22	5.44	6.87	6.57	5.47	3.87	3.14	2.68	2.15	
16	1.82	1.88	2.42	4.25	5.48	6.96	6.53	5.43	3.82	3.12	2.67	2.14	
17	1.81	1.87	2.30	4.27	5.49	7.02	6.51	5.38	3.79	3.10	2.66	2.12	
18	1.80	1.85	2.37	4.29	5.52	7.07	6.47	5.29	3.76	3.08	2.65	2.11	
19	1.79	1.84	2.42	4.31	5.59	7.07	6.44	5.27	3.74	3.08	2.64	2.09	
20	1.77	1.81	2.53	4.35	5.62	7.07	6.41	5.23	3.71	3.06	2.62	2.08	
21	1.77	1.80	2.58	4.40	5.68	7.05	6.36	5.13	3.69	3.05	2.60	2.05	
22	1.77	1.80	2.63	4.44	5.72	7.05	6.32	5.07	3.66	3.03	2.56	2.03	
23	1.79	1.83	2.68	4.47	5.75	7.06	6.28	5.03	3.63	3.00	2.54	2.01	
24	1.80	1.83	2.81	4.51	5.89	7.07	6.25	4.94	3.60	2.99	2.52	1.99	
25	1.83	1.82	2.87	4.67	5.94	7.05	6.23	4.87	3.58	2.98	2.50	1.98	
26	1.87	1.81	2.99	4.70	6.01	7.03	6.16	4.82	3.55	2.97	2.49	1.96	
27	1.91	1.82	3.03	4.79	6.05	7.02	6.11	4.79	3.53	2.94	2.46	1.93	
28	1.86	1.83	3.10	4.85	6.08	7.00	6.07	4.71	3.48	2.93	2.42	1.91	
29	1.85	1.84	3.19	4.94		6.97	6.04	4.62	3.45	2.93	2.41	1.90	
30	1.91	1.83	3.33	4.98		6.95	5.98	4.59	3.42	2.90	2.39	1.88	
31	2.00		3.51	5.04		6.92		4.55		2.88	2.38		
MEAN	1.87	1.94	2.45	4.28	5.50	6.76	6.50	5.32	3.94	3.14	2.65	2.14	3.86
MAX.	2.04	2.20	3.51	5.04	6.08	7.07	6.90	5.96	4.56	3.64	2.88	2.36	7.07
MIN.	1.77	1.80	1.81	3.58	5.11	6.15	5.98	4.55	3.42	2.88	2.38	1.88	1.77

QM ST.: 4-350 CHILENGA YEAR : 1980/81 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	53.9	56.7	44.5	141.8	269.9	525.5	765.5	472.9	219.2	130.0	96.6	68.8	
2	51.2	57.5	44.3	144.8	285.8	541.5	759.1	456.3	216.0	128.3	95.9	68.4	
3	50.5	58.6	44.4	155.2	287.1	552.3	751.7	446.5	213.9	126.5	95.2	67.9	
4	49.8	59.4	44.7	158.8	289.7	561.4	745.3	438.3	211.2	146.1	94.5	67.3	
5	49.3	61.3	45.6	160.6	292.4	569.7	735.9	428.7	207.3	123.9	93.5	66.7	
6	49.1	61.3	47.2	162.7	296.3	581.7	725.5	408.2	206.8	122.9	92.6	66.0	
7	48.8	58.5	48.3	164.3	301.0	627.2	702.8	399.7	205.2	121.3	91.7	65.3	
8	48.4	55.7	50.0	166.9	302.3	635.9	695.7	396.6	204.2	120.5	90.5	64.5	
9	48.1	53.6	53.2	177.5	305.0	647.7	688.5	388.9	190.5	119.3	89.7	64.0	
10	47.7	52.8	58.0	179.9	312.5	663.5	683.5	380.6	183.3	118.1	89.2	63.5	
11	47.4	51.9	63.5	183.6	315.2	675.5	680.5	370.9	174.2	117.0	88.6	62.5	
12	46.8	50.9	71.9	185.8	318.7	681.5	676.5	360.6	172.3	116.0	87.8	61.4	
13	46.5	49.3	87.5	186.8	319.3	688.5	669.5	356.9	169.2	114.6	87.0	60.3	
14	45.8	47.9	73.7	188.3	330.5	697.7	663.5	351.1	165.9	113.7	85.9	59.6	
15	45.5	47.6	73.5	190.5	339.6	757.0	653.6	346.1	163.2	112.5	85.3	59.0	
16	44.7	47.1	71.7	193.0	348.9	787.0	642.8	338.2	158.8	111.2	84.8	58.3	
17	44.3	46.6	66.0	194.5	351.1	808.8	635.0	326.3	156.8	109.8	84.1	57.4	
18	44.0	46.0	69.1	195.8	359.8	825.3	624.3	307.1	154.7	108.9	83.5	56.8	
19	43.5	45.5	71.9	197.8	376.1	826.4	612.8	302.3	152.9	108.5	83.0	56.3	
20	42.8	44.5	77.1	200.9	382.9	825.3	603.3	292.4	150.9	107.4	82.1	55.5	
21	42.7	44.1	80.0	205.2	398.1	820.9	590.1	272.3	149.4	106.6	81.2	54.4	
22	43.0	43.8	82.6	208.9	409.0	820.9	575.2	266.1	147.4	105.3	79.1	53.6	
23	43.4	45.0	85.3	211.0	415.2	822.0	564.2	262.6	145.2	103.9	77.6	52.8	
24	44.1	45.1	92.8	214.9	452.2	825.3	556.0	254.1	142.8	103.0	76.7	51.9	
25	45.0	44.7	95.9	228.9	466.2	820.9	548.7	247.3	141.3	102.4	75.9	51.2	
26	46.9	44.4	103.0	231.9	487.3	813.2	529.0	242.5	139.8	101.7	75.1	50.3	
27	48.3	44.6	105.3	240.0	498.4	809.9	514.0	240.0	138.1	100.2	73.5	49.3	
28	46.3	45.2	109.7	245.3	506.2	800.0	503.6	232.5	135.0	99.7	71.9	48.4	
29	46.1	45.5	115.4	253.6		791.3	493.3	224.5	132.5	99.3	71.4	47.8	
30	48.3	45.1	124.7	257.3		783.7	478.8	221.6	130.6	98.1	70.3	47.1	
31	52.3		136.7	263.7		771.9		218.6		96.8	69.6		
MEAN	46.9	50.0	75.4	196.5	357.7	721.3	635.6	330.7	169.3	112.7	84.0	58.6	235.6
MAX.	53.9	61.3	136.7	263.7	506.2	826.4	765.5	472.9	219.2	146.1	96.6	68.8	826.4
MIN.	42.7	43.8	44.3	141.8	269.9	525.5	478.8	218.6	130.6	96.8	69.6	47.1	42.7

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 318.7 Q(185day): 128.3 Q(275day): 62.5 Q(355day): 44.3

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

HM ST.: 4-350 CHILENGA YEAR : 1981/82 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.86	1.53	1.86	2.09	4.04	5.87	5.08	3.93	3.03	2.23	1.91	1.63	
2	1.85	1.52	1.90	2.07	4.09	5.91	5.00	3.93	3.00	2.23	1.89	1.62	
3	1.83	1.51	1.94	2.11	4.16	5.95	4.91	3.93	2.96	2.22	1.89	1.62	
4	1.82	1.50	1.97	2.13	4.18	5.98	5.12	3.93	2.94	2.21	1.88	1.62	
5	1.80	1.50	1.99	2.14	4.20	6.00	4.79	3.92	2.90	2.20	1.87	1.62	
6	1.80	1.49	2.01	2.15	4.22	6.04	4.75	3.89	2.88	2.19	1.87	1.61	
7	1.79	1.48	2.04	2.18	4.25	6.05	4.68	3.86	2.87	2.17	1.86	1.60	
8	1.78	1.48	2.06	2.20	4.41	6.04	4.64	3.84	2.85	2.15	1.85	1.58	
9	1.77	1.47	2.07	2.23	4.56	6.03	4.58	3.83	2.84	2.14	1.81	1.58	
10	1.77	1.44	2.07	2.28	4.65	6.01	4.54	3.82	2.73	2.11	1.81	1.58	
11	1.75	1.44	2.07	2.35	4.72	5.99	4.50	3.81	2.72	2.09	1.80	1.56	
12	1.75	1.42	2.07	2.44	5.16	5.96	4.46	3.80	2.71	2.08	1.80	1.55	
13	1.75	1.41	2.06	2.48	5.17	5.93	4.41	3.78	2.69	2.08	1.79	1.54	
14	1.75	1.39	2.03	2.52	5.00	5.92	4.36	3.76	2.68	2.06	1.78	1.53	
15	1.74		2.02	2.58	5.04	5.89	4.35	3.80	2.66	2.05	1.78	1.52	
16	1.74		2.01	2.66	5.08	5.87	4.29	3.72	2.66	2.04	1.77	1.51	
17	1.73		2.03	2.74	5.10	5.83	4.23	3.70	2.65	2.04	1.75	1.51	
18	1.72		2.08	2.86	5.14	5.78	4.17	3.66	2.63	2.04	1.74	1.49	
19	1.71		2.10	3.00	5.17	5.74	4.13	3.59	2.62	2.03	1.73	1.48	
20	1.69	1.43	2.15	3.14	5.26	5.71	4.11	3.56	2.61	2.02	1.73	1.47	
21	1.67	1.44	2.17	3.25	5.29	5.67	4.06	3.53	2.59	2.00	1.72	1.45	
22	1.65	1.47	2.20	3.30	5.32	5.63	4.03	3.47	2.58	1.98	1.71	1.44	
23	1.63	1.48	2.19	3.37	5.42	5.59	3.97	3.44	2.57	1.97	1.69	1.43	
24	1.62	1.49	2.16	3.48	5.48	5.56	3.95	3.40	2.37	1.97	1.69	1.42	
25	1.60	1.51	2.14	3.52	5.58	5.47	3.93	3.37	2.36	1.95	1.68	1.41	
26	1.60	1.60	2.12	3.56	5.66	5.43	3.91	3.29	2.34	1.94	1.68	1.30	
27	1.58	1.60	2.09	3.60	5.71	5.39	3.90	3.25	2.31	1.93	1.68	1.30	
28	1.57	1.36	2.08	3.62	5.71	5.36	3.90	3.21	2.30	1.92	1.66	1.30	
29	1.56	1.70	2.06	3.68		5.30	3.91	3.17	2.26	1.92	1.66	1.30	
30	1.55	1.90	2.07	3.84		5.24	3.93	3.14	2.25	1.92	1.63	1.30	
31	1.54		2.08	3.91		5.14		3.07		1.91	1.63		
MEAN	1.71	1.50	2.06	2.82	4.92	5.75	4.35	3.63	2.65	2.06	1.77	1.50	2.90
MAX.	1.86	1.90	2.20	3.91	5.71	6.05	5.12	3.93	3.03	2.23	1.91	1.63	6.05
MIN.	1.54	1.36	1.86	2.07	4.04	5.14	3.90	3.07	2.25	1.91	1.63	1.30	1.30

QM ST.: 4-350 CHILENGA YEAR : 1981/82 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	46.5	33.9	46.5	56.1	175.6	447.3	267.6	167.8	105.7	62.5	48.3	37.6	
2	46.0	33.7	47.9	55.1	179.9	458.8	259.6	167.6	103.7	62.2	47.7	37.4	
3	45.4	33.4	49.7	57.1	185.8	469.6	251.3	167.3	101.1	61.8	47.4	37.2	
4	44.6	33.1	50.9	57.9	187.3	478.0	271.1	167.1	99.9	61.5	47.2	37.1	
5	44.1	32.9	51.9	58.5	189.0	484.7	239.4	166.4	98.1	61.3	46.9	37.0	
6	43.8	32.7	52.8	59.0	190.0	495.0	236.6	164.3	96.5	60.6	46.7	36.7	
7	43.4	32.3	53.9	60.1	192.8	497.6	230.3	162.5	96.1	59.6	46.5	36.4	
8	43.1	32.1	54.8	61.1	206.3	495.8	226.2	160.9	95.0	58.7	46.1	35.9	
9	43.0	31.9	55.1	62.2	219.2	491.5	221.0	159.5	94.3	58.2	44.5	35.8	
10	42.7	31.1	55.2	64.7	227.0	486.4	217.8	158.8	88.1	56.8	44.3	35.6	
11	42.1	30.8	55.2	68.4	233.8	479.6	213.9	158.6	87.8	56.1	44.0	35.2	
12	42.0	30.2	55.1	72.9	277.4	472.1	210.7	157.7	86.8	55.7	43.9	34.7	
13	42.0	29.8	54.7	74.6	280.6	465.4	206.0	156.3	85.9	55.5	43.7	34.2	
14	41.9	29.3	53.3	77.0	259.9	460.4	202.1	155.0	85.1	54.9	43.3	33.9	
15	41.8	36.2	52.9	79.7	263.7	453.0	200.9	157.7	84.4	54.1	43.2	33.8	
16	41.7	35.9	52.8	84.1	267.0	448.9	196.3	151.4	84.1	53.9	42.7	33.5	
17	41.2	36.4	53.3	88.5	269.3	437.5	191.0	150.3	83.5	53.7	42.0	33.2	
18	40.8	36.8	55.6	95.6	272.9	423.9	186.5	147.6	82.8	53.7	41.7	32.8	
19	40.6	37.5	56.5	103.7	280.0	414.4	182.9	142.2	82.3	53.6	41.3	32.3	
20	39.9	30.7	58.5	112.5	300.3	406.6	181.2	140.5	81.7	52.9	41.1	31.9	
21	38.9	30.8	59.9	119.1	305.7	396.6	177.5	138.1	80.7	52.2	40.8	31.3	
22	38.3	32.0	61.3	122.5	313.2	385.9	174.9	134.3	80.0	51.2	40.4	30.9	
23	37.7	32.3	60.4	127.5	334.7	376.9	170.6	131.6	79.2	51.0	39.8	30.5	
24	37.1	32.7	59.2	134.8	350.4	368.7	169.0	129.4	69.1	50.7	39.6	30.3	
25	36.6	33.3	58.5	137.5	373.1	348.2	167.3	127.1	68.8	50.1	39.5	30.1	
26	36.4	36.5	57.2	140.5	392.8	337.5	165.9	122.3	67.8	49.7	39.4	26.6	
27	35.9	36.5	56.0	142.8	405.9	328.4	165.2	119.5	66.3	49.3	39.4	26.6	
28	35.4	28.3	55.5	144.8	406.6	321.4	165.2	116.8	65.6	48.9	38.8	26.6	
29	35.1	40.2	54.9	148.5		307.7	165.9	114.4	64.0	48.8	38.6	26.6	
30	34.6	48.1	55.1	160.4		295.7	167.1	112.1	63.2	48.7	37.7	26.6	
31	34.2		55.6	165.7		272.9		108.0		48.3	37.5		
MEAN	40.5	33.7	54.8	96.5	269.3	419.6	202.7	145.6	84.3	54.7	42.7	32.9	122.3
MAX.	46.5	48.1	61.3	165.7	406.6	497.6	271.1	167.8	105.7	62.5	48.3	37.6	497.6
MIN.	34.2	28.3	46.5	55.1	175.6	272.9	165.2	108.0	63.2	48.3	37.5	26.6	26.6

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 165.2 Q(185day): 59.6 Q(275day): 41.9 Q(355day): 30.3

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

HM ST.: 4-350 CHILENGA YEAR : 1982/83 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.35	1.57	1.91	3.47	4.13	5.77	5.26	3.75	2.55	1.97	1.72	1.55	
2	1.35	1.55	1.93	3.46	4.19	5.80	5.24	3.73	2.55	1.96	1.72	1.54	
3	1.35	1.55	2.07	3.45	4.22	5.81	5.22	3.68	2.55	1.96	1.72	1.53	
4	1.35	1.54	2.18	3.45	4.26	5.83	5.17	3.64	2.54	1.94	1.71	1.52	
5	1.35	1.54	2.30	3.48	4.30	5.85	5.15	3.63	2.52	1.93	1.70	1.51	
6	1.35	1.54	2.55	3.48	4.45	5.86	5.14	3.61	2.51	1.92	1.70	1.50	
7	1.33	1.53	2.75	3.48	5.10	5.87	5.12	3.59	2.45	1.92	1.69	1.48	
8	1.33	1.52	2.78	3.48	5.11	5.89	5.10	3.55	2.40	1.91	1.69	1.48	
9	1.33	1.50	2.81	3.48	5.12	5.89	5.08	3.48	2.37	1.91	1.69	1.47	
10	1.30	1.49	2.83	3.48	5.15	5.91	4.86	3.47	2.34	1.90	1.68	1.45	
11	1.30	1.48	2.86	3.46	5.16	5.91	4.65	3.43	2.30	1.89	1.67	1.44	
12	1.30	1.44	2.92	3.46	5.16	5.90	4.63	3.27	2.29	1.87	1.66	1.43	
13	1.30	1.38	3.03	3.45	5.18	5.91	4.61	3.25	2.26	1.87	1.66	1.43	
14	1.30	1.37	3.06	3.46	5.25	5.87	4.53	3.21	2.23	1.86	1.66	1.42	
15	1.30	1.36	3.08	3.48	5.30	5.84	4.48	3.18	2.20	1.84	1.66	1.42	
16	1.30	1.34	3.10	3.48	5.35	5.81	4.48	3.13	2.18	1.83	1.65	1.41	
17	1.29	1.33	3.12	3.48	5.38	5.82	4.47	3.10	2.17	1.83	1.63	1.41	
18	1.29	1.44	3.17	3.48	5.41	5.77	4.45	3.07	2.15	1.82	1.62	1.40	
19	1.30	1.45	3.22	3.48	5.45	5.75	4.44	3.05	2.14	1.81	1.62	1.39	
20	1.34	1.45	3.24	3.49	5.49	5.74	4.41	3.04	2.13	1.81	1.61	1.39	
21	1.35	1.50	3.26	3.53	5.55	5.73	4.40	3.01	2.12	1.80	1.60	1.37	
22	1.36	1.55	3.28	3.55	5.59	5.70	4.39	2.95	2.10	1.80	1.60	1.37	
23	1.37	1.60	3.30	3.55	5.61	5.67	4.25	2.85	2.07	1.80	1.58	1.36	
24	1.37	1.69	3.32	3.55	5.65	5.67	4.23	2.84	2.06	1.79	1.58	1.33	
25	1.37	1.74	3.36	3.57	5.68	5.63	4.20	2.77	2.04	1.79	1.57	1.31	
26	1.41	1.75	3.43	3.59	5.72	5.60	4.18	2.76	2.08	1.76	1.57	1.30	
27	1.49	1.78	3.47	3.69	5.75	5.57	4.15	2.70	2.03	1.75	1.56	1.29	
28	1.51	1.81	3.50	3.73	5.76	5.50	4.11	2.68	2.01	1.74	1.56	1.28	
29	1.55	1.83	3.52	3.82		5.47	3.80	2.65	2.00	1.74	1.55	1.26	
30	1.58	1.88	3.53	3.85		5.43	3.77	2.62	1.99	1.73	1.55	1.25	
31	1.55		3.50	3.93		5.36		2.59		1.73	1.55		
MEAN	1.37	1.55	2.98	3.54	5.16	5.75	4.60	3.17	2.25	1.85	1.64	1.41	2.92
MAX.	1.58	1.88	3.53	3.93	5.76	5.91	5.26	3.75	2.55	1.97	1.72	1.55	5.91
MIN.	1.29	1.33	1.91	3.45	4.13	5.36	3.77	2.59	1.99	1.73	1.55	1.25	1.25

QM ST.: 4-350 CHILENGA YEAR : 1982/83 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	28.1	35.4	48.4	134.1	182.9	421.5	299.0	154.1	78.6	50.7	41.0	34.5	
2	28.1	34.6	49.2	133.3	187.8	428.7	295.7	152.3	78.4	50.5	40.8	34.4	
3	28.1	34.5	55.1	132.5	190.3	431.9	290.4	148.5	78.3	50.3	40.7	34.0	
4	28.1	34.4	60.1	132.5	193.3	436.7	279.3	146.1	77.9	49.7	40.4	33.6	
5	28.1	34.3	65.6	134.8	196.8	442.4	274.8	145.4	77.0	49.3	40.0	33.4	
6	28.1	34.2	78.6	135.0	209.4	445.6	272.9	144.1	76.0	48.9	40.0	33.1	
7	27.4	33.9	89.2	135.0	269.0	448.1	270.8	142.4	73.2	48.8	39.9	32.3	
8	27.4	33.6	90.9	135.0	270.2	453.8	269.3	139.6	70.8	48.6	39.7	32.1	
9	27.4	33.1	92.6	134.8	271.4	453.0	267.3	135.0	69.3	48.4	39.6	31.9	
10	26.6	32.6	94.0	134.6	274.8	457.9	246.4	133.7	67.6	47.9	39.2	31.3	
11	26.6	32.3	95.6	133.5	277.4	458.8	226.7	131.4	65.9	47.7	39.0	30.9	
12	26.6	30.8	98.8	133.1	278.7	456.3	225.6	120.9	65.1	46.9	38.8	30.7	
13	26.6	29.1	105.7	132.9	282.6	457.9	223.7	119.1	64.0	46.6	38.7	30.6	
14	26.6	28.6	107.2	133.3	297.7	448.1	216.5	116.8	62.4	46.2	38.7	30.4	
15	26.6	28.5	108.5	135.0	308.4	440.8	212.5	114.6	61.3	45.7	38.6	30.2	
16	26.6	27.6	109.8	135.0	320.0	431.9	212.0	111.9	60.0	45.4	38.2	30.0	
17	26.2	27.5	111.2	134.8	327.0	435.9	211.2	109.7	59.9	45.1	37.6	29.8	
18	26.2	30.8	114.4	134.6	333.3	422.3	209.9	108.0	58.9	44.6	37.4	29.6	
19	26.7	31.4	117.5	134.6	342.5	415.2	209.6	106.8	58.5	44.5	37.1	29.4	
20	27.9	31.4	118.5	135.4	351.1	414.4	206.5	106.1	58.0	44.3	36.7	29.2	
21	28.1	32.9	119.7	138.4	365.7	412.1	205.5	104.2	57.2	44.1	36.6	28.9	
22	28.3	34.5	121.5	139.4	376.1	402.8	204.7	100.9	56.4	44.0	36.4	28.7	
23	28.7	36.6	122.5	139.6	379.9	395.8	193.0	94.9	55.3	43.9	35.8	28.5	
24	28.7	39.7	123.7	139.8	390.5	395.0	191.0	94.2	54.8	43.7	35.6	27.4	
25	28.7	41.7	126.9	140.9	398.9	385.9	188.8	90.5	54.0	43.4	35.5	26.8	
26	29.9	41.9	131.0	142.4	409.0	377.6	187.3	89.5	55.9	42.4	35.4	26.4	
27	32.8	43.2	133.9	149.2	416.8	371.6	184.8	86.6	53.5	42.0	35.2	26.2	
28	33.4	44.3	136.0	152.5	420.0	353.3	181.6	85.3	52.7	41.8	35.0	26.0	
29	34.5	45.4	137.7	159.0		346.8	157.4	83.8	52.3	41.7	34.9	25.5	
30	35.7	47.2	138.1	161.5		338.9	155.6	82.1	51.8	41.4	34.6	24.9	
31	34.5		136.0	167.3		320.7		80.5		41.3	34.5		
MEAN	28.6	34.9	104.5	139.1	304.3	416.2	225.6	115.5	63.5	45.8	37.8	30.0	127.8
MAX.	35.7	47.2	138.1	167.3	420.0	458.8	299.0	154.1	78.6	50.7	41.0	34.5	458.8
MIN.	26.2	27.5	48.4	132.5	182.9	320.7	155.6	80.5	51.8	41.3	34.5	24.9	24.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 152.3 Q(185day): 70.8 Q(275day): 35.7 Q(355day): 26.6

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

HM ST.: 4-350 CHILENGA YEAR : 1983/84 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.25	1.23	1.23	2.85		4.46	5.16	4.42	2.26	1.80	1.57	1.34	
2	1.24	1.22	1.24	2.89		4.49	5.17	4.38	2.25	1.80	1.56	1.32	
3	1.24	1.22	1.26	2.93		4.52	5.16	4.01	2.23	1.78	1.55	1.32	
4	1.24	1.22	1.30	3.00		4.56	5.16	3.79	2.36	1.76	1.55	1.32	
5	1.24	1.21	1.34	3.08	4.02	4.61	5.17	3.74	2.42	1.75	1.54	1.32	
6	1.23	1.19	1.39	3.55	4.04	4.63	5.17	3.73	2.42	1.73	1.54	1.31	
7	1.23	1.16	1.41	3.64	4.07	4.65	5.17	3.72	2.11	1.73	1.53	1.31	
8	1.23	1.14	1.42	3.67	4.09	4.67	5.17	3.64	2.09	1.72	1.52	1.30	
9	1.22	1.14	1.51	3.68	4.11	4.81	5.17	3.56	2.08	1.72	1.51	1.28	
10	1.21	1.13	1.41	3.83	4.13	5.07	5.17	3.41	2.07	1.71	1.51	1.27	
11	1.19	1.13	1.46	3.90	4.15	5.13	5.16	3.37	2.05	1.71	1.51	1.26	
12	1.19	1.12	1.50	3.95	4.15	5.20	5.15	3.31	2.06	1.70	1.50	1.26	
13	1.18	1.11	1.52	3.96	4.15	5.22	5.11	3.29	2.02	1.69	1.48	1.25	
14	1.17	1.11	1.51	4.25	4.14	5.24	5.10	3.26	1.99	1.69	1.48	1.25	
15	1.17	1.11	1.51		4.13	5.25	5.08	3.05	1.97	1.69	1.48	1.24	
16	1.16	1.10	1.50		4.15	5.26	5.07	3.03	1.96	1.69	1.47	1.23	
17	1.16	1.10	1.54		4.15	5.28	5.05	3.00	1.96	1.68	1.47	1.22	
18	1.19	1.10	1.57		4.16	5.29	5.03	2.97	1.94	1.67	1.46	1.22	
19	1.19	1.10	1.58		4.17	5.30	5.00	2.90	1.92	1.67	1.45	1.21	
20	1.19	1.11	1.60		4.19	5.30	4.98	2.76	1.90	1.66	1.45	1.21	
21	1.19	1.12	1.65		4.22	5.30	4.95	2.69	1.89	1.66	1.44	1.20	
22	1.19	1.13	1.67		4.26	5.30	4.93	2.66	1.89	1.66	1.44	1.19	
23	1.19	1.14	1.75		4.31	5.29	4.91	2.64	1.88	1.66	1.44	1.19	
24	1.21	1.24	1.89		4.33	5.28	4.87	2.62	1.86	1.65	1.43	1.18	
25	1.23	1.26	1.96		4.33	5.26	4.86	2.60	1.84	1.64	1.43	1.17	
26	1.23	1.25	2.01		4.36	5.25	4.83	2.58	1.84	1.63	1.40	1.16	
27	1.23	1.26	2.08		4.43	5.23	4.82	2.56	1.83	1.62	1.38	1.16	
28	1.23	1.26	2.23		4.45	5.20	4.80	2.55	1.83	1.61	1.38	1.14	
29	1.23	1.23	2.32		4.45	5.18	4.54	2.52	1.81	1.60	1.37	1.13	
30	1.23	1.22	2.39			5.17	4.47	2.42	1.81	1.59	1.36	1.13	
31	1.23		2.61			5.15		2.26		1.58	1.35		
MEAN	1.21	1.17	1.66	3.51	4.21	5.05	5.01	3.14	2.02	1.69	1.47	1.24	2.55
MAX.	1.25	1.26	2.61	4.25	4.45	5.30	5.17	4.42	2.42	1.80	1.57	1.34	5.30
MIN.	1.16	1.10	1.23	2.85	4.02	4.46	4.47	2.26	1.81	1.58	1.35	1.13	1.10

QM ST.: 4-350 CHILENGA YEAR : 1983/84 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	24.9	24.3	24.5	95.0	164.6	210.4	278.7	207.3	63.7	44.0	35.4	27.6	
2	24.8	24.2	24.8	97.4	162.9	212.8	280.0	203.9	63.2	43.9	35.1	27.1	
3	24.7	24.1	25.5	99.7	161.4	215.7	278.7	173.7	62.4	43.1	34.9	27.1	
4	24.7	24.0	26.5	103.9	160.2	219.4	278.7	157.2	68.7	42.6	34.6	27.0	
5	24.7	23.8	27.7	108.5	174.7	223.7	279.3	153.2	71.9	42.0	34.4	27.0	
6	24.5	23.2	29.2	139.6	175.8	225.4	280.0	152.5	71.5	41.1	34.3	26.9	
7	24.4	22.5	29.8	146.1	178.0	227.0	280.6	151.8	56.8	41.1	34.1	26.9	
8	24.3	22.0	30.4	148.1	180.2	229.2	280.6	145.7	56.1	40.8	33.8	26.4	
9	24.1	21.8	33.3	149.0	181.6	241.9	280.0	140.3	55.6	40.7	33.5	26.0	
10	23.9	21.7	30.0	159.9	182.9	266.1	279.3	130.2	55.2	40.6	33.3	25.7	
11	23.4	21.6	31.5	165.0	184.8	271.7	278.7	127.1	54.5	40.5	33.2	25.5	
12	23.2	21.4	33.0	168.7	184.6	285.8	275.5	123.3	54.9	40.2	32.9	25.3	
13	22.9	21.1	33.6	169.7	184.3	290.4	269.9	121.9	53.1	39.9	32.4	25.1	
14	22.8	21.0	33.5	193.0	183.8	295.0	268.7	119.9	51.9	39.8	32.3	24.9	
15	22.7	20.9	33.2	234.0	183.1	297.7	267.3	107.0	50.9	39.7	32.1	24.7	
16	22.5	20.9	33.1	232.6	184.3	300.3	265.8	105.3	50.6	39.6	32.0	24.5	
17	22.5	20.7	34.3	231.9	185.1	304.4	264.6	103.7	50.5	39.4	31.8	24.2	
18	23.2	20.7	35.5	230.5	185.3	307.1	262.3	102.0	49.7	39.0	31.6	24.1	
19	23.2	20.9	35.8	226.7	186.0	308.4	259.9	97.5	48.8	38.9	31.4	23.9	
20	23.2	21.0	36.4	226.3	188.0	309.1	257.3	90.0	47.8	38.8	31.2	23.8	
21	23.2	21.4	38.1	230.2	190.5	308.4	255.0	85.9	47.7	38.7	31.1	23.6	
22	23.3	21.5	39.1	232.6	193.5	308.4	253.0	84.4	47.6	38.6	31.0	23.4	
23	23.4	22.0	42.0	234.7	197.8	307.1	251.3	83.0	47.1	38.5	30.9	23.3	
24	23.8	24.8	47.7	232.6	199.6	304.4	247.0	82.0	46.5	38.3	30.7	23.1	
25	24.4	25.2	50.3	223.6	199.8	299.7	246.4	81.0	45.7	37.8	30.5	22.7	
26	24.4	25.1	52.4	211.7	201.6	297.7	243.6	79.7	45.6	37.6	29.6	22.5	
27	24.3	25.4	55.6	200.4	207.8	293.7	242.2	79.1	45.4	37.4	29.0	22.4	
28	24.3	25.2	62.4	187.2	209.4	285.8	240.5	78.3	45.1	36.8	28.9	22.0	
29	24.3	24.3	66.7	175.1	209.9	283.2	217.0	77.0	44.5	36.5	28.9	21.7	
30	24.3	24.2	70.3	170.0		280.6	211.5	71.7	44.3	36.0	28.5	21.6	
31	24.3		81.3	166.1		276.7		64.1		35.7	28.1		
MEAN	23.8	22.7	39.6	180.3	185.6	273.8	262.4	115.5	53.2	39.6	32.0	24.7	104.1
MAX.	24.9	25.4	81.3	234.7	209.9	309.1	280.6	207.3	71.9	44.0	35.4	27.6	309.1
MIN.	22.5	20.7	24.5	95.0	160.2	210.4	211.5	64.1	44.3	35.7	28.1	21.6	20.7

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 184.3 Q(185day): 45.7 Q(275day): 27.0 Q(355day): 21.6

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

HM ST.: 4-350 CHILENGA YEAR : 1984/85 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.13	1.01	1.34	4.93	5.79	6.53	6.26	5.70		2.89	2.36	1.95	
2	1.12	1.01	1.34	4.98	5.79	6.53	6.25	5.68		2.87	2.35	1.94	
3	1.12	1.00	1.33	5.04	5.79	6.53	6.25	5.66		2.86	2.33	1.92	
4	1.12	1.00	1.32	4.92	5.84	6.54	6.25	5.64		2.85	2.32	1.91	
5	1.12	1.00	1.32	5.09	5.85	6.53	6.25	5.62		2.83	2.31	1.89	
6	1.12	0.99	1.35	5.11	5.86	6.53	6.24	5.48		2.82	2.30	1.88	
7	1.12	0.99	1.37	5.12	5.88	6.50	6.23	5.41		2.80	2.28	1.86	
8	1.12	1.02	1.37	5.14	5.90	6.48	6.20	5.37		2.77	2.26	1.85	
9	1.12	1.04	1.41	5.16	5.93	6.46	6.19	5.28		2.75	2.24	1.83	
10	1.12	1.06	1.47	5.18	5.94	6.43	6.19	5.26		2.74	2.23	1.83	
11	1.12	1.09	1.55	5.20	5.96	6.39	6.18	5.24		2.73	2.21	1.81	
12	1.12	1.18	1.60	5.23	5.99	6.35	6.18	5.10		2.72	2.20	1.74	
13	1.12	1.18	1.74	5.27	6.02	6.34	6.17	5.09		2.70	2.19	1.79	
14	1.11	1.22	1.96	5.31	6.04	6.32	6.16	5.06		2.68	2.18	1.78	
15	1.11	1.23	2.10	5.33	6.07	6.29	6.14	5.01		2.67	2.18	1.76	
16	1.11	1.24	2.37	5.34	6.10	6.26	6.13	4.95		2.65	2.15	1.74	
17	1.11	1.24	2.60	5.40	6.13	6.24	6.11	4.62		2.63	2.14	1.72	
18	1.10	1.26	2.76	5.44	6.17	6.23	6.10	4.61		2.62	2.12	1.71	
19	1.10	1.32	3.05	5.47	6.23	6.21	6.08	4.60		2.60	2.11	1.69	
20	1.10	1.42	3.15	5.49	6.44	6.20	6.07	4.57		2.59	2.11	1.68	
21	1.09	1.51	3.32	5.51	6.45	6.19	6.05	4.54		2.58	2.09	1.67	
22	1.09	1.58	3.74	5.55	6.47	6.19	6.05	4.49		2.57	2.08	1.65	
23	1.08	1.59	3.90	5.59	6.48	6.21	6.00	4.48		2.55	2.06	1.64	
24	1.06	1.59	4.06	5.62	6.49	6.22	5.98	4.45		2.53	2.05	1.62	
25	1.05	1.51	4.19	5.63	6.50	6.23	5.96	4.40		2.51	2.03	1.61	
26	1.05	1.47	4.31	5.65	6.52	6.23	5.92	4.30		2.48	2.02	1.59	
27	1.03	1.45	4.46	5.68	6.53	6.22	5.91	4.24		2.47	2.01	1.58	
28	1.03	1.41	4.58	5.72	6.53	6.26	5.89	4.22		2.46	2.01	1.57	
29	1.02	1.40	4.68	5.74		6.26	5.84	4.19		2.42	1.99	1.55	
30	1.08	1.38	4.75	5.75		6.26	5.75	4.15		2.42	1.97	1.53	
31	1.01		4.82	5.78		6.25		4.09		2.39	1.96		
MEAN	1.09	1.25	2.69	5.37	6.13	6.34	6.10	4.89		2.65	2.16	1.74	3.66
MAX.	1.13	1.59	4.82	5.78	6.53	6.54	6.26	5.70		2.89	2.36	1.95	6.54
MIN.	1.01	0.99	1.32	4.92	5.79	6.19	5.75	4.09		2.39	1.96	1.53	0.99

QM ST.: 4-350 CHILENGA YEAR : 1984/85 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	21.5	18.3	27.9	252.7	426.3	643.8	557.8	403.5	147.4	97.0	68.8	50.0	
2	21.4	18.3	27.7	257.9	426.3	642.6	556.9	399.7	143.2	96.1	68.1	49.5	
3	21.4	18.2	27.5	263.4	427.1	643.8	556.0	392.8	139.6	95.2	67.3	48.8	
4	21.4	18.2	27.0	252.1	439.1	645.7	555.0	388.2	136.9	94.7	66.7	48.2	
5	21.3	18.1	27.2	267.8	441.6	643.8	555.0	384.4	135.1	94.0	66.2	47.6	
6	21.3	17.9	28.2	270.2	444.8	642.8	553.2	348.9	133.5	93.1	65.6	47.1	
7	21.3	18.0	28.6	271.1	449.7	633.0	550.5	333.3	130.5	92.1	64.7	46.5	
8	21.3	18.7	28.8	274.2	456.3	625.3	540.6	323.5	129.0	90.5	63.8	46.0	
9	21.3	19.2	29.8	278.7	462.9	619.5	537.0	304.4	127.1	89.3	62.8	45.4	
10	21.3	19.8	32.0	281.9	467.9	611.9	537.0	299.0	124.6	88.5	62.4	45.0	
11	21.3	20.5	34.9	286.5	472.1	596.7	535.2	294.3	123.0	88.1	61.7	44.4	
12	21.2	22.9	36.6	293.7	481.3	584.5	534.3	268.7	120.7	87.8	61.1	41.7	
13	21.2	22.9	41.5	301.7	489.0	581.7	531.7	267.8	117.7	86.3	60.8	43.5	
14	21.1	24.0	50.6	310.4	495.8	576.1	529.0	265.5	116.0	85.4	60.3	43.1	
15	21.1	24.4	56.4	314.5	503.6	566.9	523.7	260.5	114.7	84.8	60.0	42.5	
16	21.0	24.7	69.0	318.0	510.5	559.6	519.3	254.7	113.8	84.0	58.9	41.7	
17	20.9	24.8	80.8	331.9	520.2	553.2	514.9	224.8	112.5	82.8	58.3	41.0	
18	20.9	25.2	90.0	340.4	530.8	549.6	511.4	224.0	111.8	81.8	57.6	40.4	
19	20.8	27.0	106.6	346.1	549.6	545.1	506.2	222.9	110.1	81.2	57.1	39.6	
20	20.7	30.2	113.3	351.8	612.8	539.7	501.9	220.2	105.8	80.5	56.8	39.2	
21	20.6	33.5	124.1	357.6	616.6	538.8	498.4	217.3	104.1	79.9	56.3	38.9	
22	20.6	35.7	152.9	366.5	623.4	538.8	496.7	213.3	102.0	79.2	55.5	38.3	
23	20.3	36.0	164.8	376.1	627.2	543.3	483.0	212.3	125.3	78.3	54.9	37.9	
24	19.6	36.3	177.8	383.6	630.1	546.9	478.8	209.9	124.8	77.5	54.1	37.4	
25	19.5	33.4	187.8	386.7	634.0	549.6	473.8	205.8	99.0	76.2	53.5	36.8	
26	19.3	31.9	197.8	390.5	638.9	548.7	462.1	196.8	97.2	74.8	52.8	36.3	
27	18.9	31.3	210.7	399.7	642.8	547.8	457.9	191.8	95.9	74.3	52.7	35.7	
28	18.9	30.1	221.0	407.4	643.8	559.6	453.8	190.0	95.0	73.5	52.4	35.4	
29	18.8	29.6	229.7	413.7		559.6	440.0	188.3	94.1	71.9	51.9	34.7	
30	20.2	28.9	236.1	417.6		558.7	416.8	185.1	93.6	71.7	50.9	34.0	
31	18.5		243.0	423.1		556.9		179.7		70.0	50.3		
MEAN	20.6	25.3	100.3	328.6	523.7	582.4	512.3	266.8	117.5	83.9	59.2	41.9	219.9
MAX.	21.5	36.3	243.0	423.1	643.8	645.7	557.8	403.5	147.4	97.0	68.8	50.0	645.7
MIN.	18.5	17.9	27.0	252.1	426.3	538.8	416.8	179.7	93.6	70.0	50.3	34.0	17.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 399.7 Q(185day): 106.6 Q(275day): 42.5 Q(355day): 18.9

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

HM ST.: 4-350 CHILENGA YEAR : 1985/86 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.51	1.30	1.43	3.70	5.31	6.29	6.47	6.47	5.33	3.64	2.91	2.40	
2	1.50	1.27	1.45	3.69	5.24	6.33	6.48	6.44	5.31	3.52	2.90	2.40	
3	1.49	1.28	1.48	3.69	5.19	6.32	6.49	6.43	5.16	3.59	2.88	2.39	
4	1.48	1.28	1.51	3.73	4.92	6.33	6.50	6.41	5.00	3.56	2.87	2.39	
5	1.46	1.28	1.53	3.74	4.98	6.35	6.52	6.40	4.97	3.51	2.92	2.38	
6	1.45	1.26	1.54	3.75	5.23	6.36	6.55	6.38	4.92	3.48	2.91	2.38	
7	1.43	1.26	1.56	3.76	5.30	6.36	6.57	6.36	4.86	3.45	2.90	2.21	
8	1.42	1.26	1.58	3.76	5.31	6.36	6.57	6.35	4.82	3.44	2.89	2.11	
9	1.41	1.27	1.61	3.80	5.31	6.36	6.58	6.34	4.77	3.41	2.87	2.10	
10	1.40	1.32	1.68	3.83	5.33	6.36	6.59	6.33	4.73	3.36	2.87	2.09	
11	1.39	1.34	1.80	3.86	5.34	6.36	6.60	6.31	4.57	3.32	2.84	2.07	
12	1.38	1.36	1.86	3.88	5.40	6.36	6.57	6.30	4.55	3.32	2.80	2.06	
13	1.37	1.39	1.88	3.90	5.53	6.36	6.56	6.29	4.52	3.29	2.73	2.05	
14	1.35	1.40	1.92	3.94	5.56	6.36	6.56	6.28	4.50	3.27	2.72	2.04	
15	1.34	1.42	1.98	3.97	5.60	6.36	6.56	6.27	4.46	3.26	2.70	2.03	
16	1.33	1.42	2.03	4.01	5.61	6.36	6.55	6.22	4.43	3.25	2.68	2.02	
17	1.31	1.43	2.10	4.29	5.69	6.36	6.54	6.19	4.25	3.22	2.66	2.02	
18	1.31	1.47	2.16	4.33	5.81	6.35	6.53	6.15	4.21	3.20	2.65	2.02	
19	1.30	1.52	2.26	4.42	5.85	6.34	6.52	6.11	4.17	3.19	2.64	2.02	
20	1.29	1.55	2.40	4.46	5.87	6.34	6.50	6.08	4.12	3.16	2.63	2.02	
21	1.28	1.61	2.48	4.52	5.90	6.35	6.53	5.88	4.08	3.14	2.61	2.01	
22	1.27	1.66	2.58	4.55	5.94	6.36	6.53	6.07	3.98	3.11	2.59	2.00	
23	1.26	1.69	2.66	4.60	5.98	6.36	6.52	6.05	3.92	3.10	2.58	1.98	
24	1.26	1.64	2.73	4.67	6.03	6.38	6.52	5.74	3.87	3.09	2.57	1.97	
25	1.28	1.59	2.77	4.72	6.14	6.39	6.50	5.72	3.84	3.08	2.56	1.94	
26	1.27	1.58	2.84	4.74	6.18	6.42	6.50	5.70	3.82	3.06	2.55	1.93	
27	1.26	1.55	2.97	4.79	6.23	6.44	6.48	5.68	3.80	3.32	2.53	1.91	
28	1.26	1.53	3.32	4.89	6.26	6.45	6.48	5.74	3.78	3.30	2.52	1.90	
29	1.26	1.51	3.50	4.93		6.47	6.46	5.42	3.76	3.29	2.50	1.89	
30	1.26	1.50	3.70	5.32		6.48	6.45	5.40	3.74	2.95	2.44	1.87	
31	1.29		3.72	5.33		6.47		5.36		3.23	2.42		
MEAN	1.35	1.43	2.23	4.25	5.61	6.37	6.53	6.09	4.41	3.30	2.70	2.09	3.85
MAX.	1.51	1.69	3.72	5.33	6.26	6.48	6.60	6.47	5.33	3.64	2.92	2.40	6.60
MIN.	1.26	1.26	1.45	3.69	4.92	6.29	6.45	5.36	3.74	2.95	2.42	1.87	1.26

QM ST.: 4-350 CHILENGA YEAR : 1985/86 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	33.5	26.4	32.3	150.3	309.8	568.8	623.4	622.4	315.2	146.1	98.6	70.9	
2	33.1	25.6	31.2	149.8	295.7	578.9	625.3	613.8	311.1	144.6	97.5	70.5	
3	32.7	25.8	32.2	149.6	285.2	576.1	628.2	610.9	278.0	142.2	96.5	70.2	
4	32.2	26.0	33.4	152.7	251.8	579.9	633.0	605.2	259.9	140.3	95.9	70.0	
5	31.7	25.9	34.0	153.2	257.9	584.5	638.9	600.5	256.4	136.9	98.8	69.7	
6	31.3	25.5	34.4	153.6	292.4	587.3	648.7	595.8	252.1	134.8	98.2	69.6	
7	30.7	25.3	35.1	154.3	309.1	589.2	653.6	589.2	246.7	132.7	97.7	61.4	
8	30.3	25.2	35.7	155.0	309.8	590.1	655.6	585.4	243.0	131.6	97.2	56.9	
9	29.9	25.7	36.7	157.4	311.1	589.2	658.5	582.6	238.3	130.2	96.1	56.5	
10	29.7	27.2	39.2	159.9	314.5	589.2	661.5	579.9	234.7	126.9	95.8	56.0	
11	29.2	27.9	43.8	161.8	316.6	589.2	664.5	574.3	219.7	124.1	94.3	55.3	
12	28.9	28.3	46.3	163.9	330.5	588.2	654.6	571.5	218.6	123.7	91.9	54.8	
13	28.7	29.3	47.2	165.2	362.0	588.2	652.6	566.9	215.7	122.1	88.3	54.1	
14	28.2	29.7	48.8	168.0	369.4	589.2	652.6	565.1	213.6	120.9	87.5	53.9	
15	27.8	30.2	51.1	170.9	377.6	589.2	650.6	560.5	210.7	120.3	86.5	53.5	
16	27.3	30.4	53.5	173.7	382.1	589.2	649.6	546.9	207.6	119.5	85.4	53.2	
17	26.9	30.6	56.5	196.0	400.4	588.2	646.7	538.8	192.5	117.7	84.4	53.1	
18	26.8	32.0	59.2	199.1	432.7	585.4	642.8	526.3	189.8	116.4	84.0	53.1	
19	26.5	33.6	64.0	207.0	442.4	583.6	637.9	514.0	186.0	115.8	83.3	53.1	
20	26.1	34.9	70.5	210.7	448.1	583.6	634.0	506.2	182.6	113.9	82.5	53.1	
21	26.0	36.7	74.6	215.7	455.5	586.4	641.8	449.7	178.7	112.1	81.3	52.7	
22	25.7	38.5	79.9	218.6	467.9	588.2	640.8	503.6	171.6	110.6	80.5	52.0	
23	25.4	39.6	84.4	222.9	478.0	590.1	639.8	498.4	166.6	109.7	80.2	51.4	
24	25.2	37.8	88.1	229.2	492.4	593.9	638.9	412.9	162.7	109.1	79.5	50.7	
25	25.9	36.3	90.5	233.8	522.8	599.5	634.0	408.2	160.9	108.5	78.9	49.8	
26	25.6	35.7	94.5	235.5	533.5	606.2	631.1	402.8	159.0	107.2	78.1	49.1	
27	25.4	34.9	101.7	240.2	548.7	613.8	626.3	398.1	157.4	123.9	77.5	48.3	
28	25.3	33.9	123.9	249.3	559.6	617.6	626.3	413.7	156.1	122.9	76.8	47.9	
29	25.2	33.5	135.8	253.3		624.3	621.4	336.1	155.0	122.1	75.6	47.7	
30	25.3	33.0	150.3	312.5		625.3	617.6	330.5	153.2	100.6	72.5	46.9	
31	26.1		152.1	314.5		623.4		320.7		118.3	71.5		
MEAN	28.2	30.8	66.5	196.1	387.8	592.8	641.0	513.9	209.8	122.8	86.9	56.2	243.3
MAX.	33.5	39.6	152.1	314.5	559.6	625.3	664.5	622.4	315.2	146.1	98.8	70.9	664.5
MIN.	25.2	25.2	31.2	149.6	251.8	568.8	617.6	320.7	153.2	100.6	71.5	46.9	25.2

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 432.7 Q(185day): 144.6 Q(275day): 53.2 Q(355day): 25.6

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

HM ST.: 4-350 CHILENGA YEAR : 1986/87 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.80	1.78			4.65	5.79	5.50	4.45	2.71	2.13	1.91	1.65	
2	1.82	1.75			4.71	5.77	5.47	4.43	2.68	2.12	1.90	1.64	
3	1.81	1.94			4.72	5.80	5.45	4.41	2.65	2.12	1.90	1.63	
4	1.80	2.08			4.74	5.82	5.43	4.37	2.62	2.11	1.89	1.61	
5	1.79	2.09			4.77	5.83	5.41	4.33	2.61	2.10	1.88	1.59	
6	1.78	2.10			4.80	5.85	5.40	4.25	2.59	2.09	1.87	1.58	
7	1.77	2.12			4.83	5.83	5.38	4.22	2.57	2.09	1.86	1.57	
8	1.75	2.40			4.88	5.82	5.35	4.18	2.56	2.08	1.85	1.56	
9	1.73	2.35			4.90	5.86	5.32	3.98	2.54	2.07	1.84	1.55	
10	1.72	2.32			4.92	5.87	5.29	3.80	2.51	2.06	1.83	1.54	
11	1.71	2.40			4.94	5.87	5.29	3.78	2.49	2.06	1.82	1.52	
12	1.70	2.46			4.99	5.86	5.26	3.72	2.46	2.05	1.81	1.51	
13	1.69	2.50			5.01	5.84	5.24	3.63	2.43	2.05	1.80	1.49	
14	1.69	2.52			5.14	5.79	5.22	3.54	2.40	2.04	1.79	1.48	
15	1.68	2.55			5.18	5.78	5.19	3.51	2.37	2.03	1.78	1.47	
16	1.67	2.59			5.23	5.77	5.17	3.45	2.35	2.03	1.77	1.45	
17	1.66	2.63			5.28	5.75	5.14	3.40	2.33	2.02	1.76	1.45	
18	1.65	2.67			5.34	5.72	5.10	3.33	2.30	2.02	1.76	1.46	
19	1.64	2.69			5.36	5.71	5.07	3.27	2.29	2.01	1.75	1.44	
20	1.63	2.69			5.50	5.69	5.04	3.22	2.26	2.00	1.74	1.43	
21	1.63	2.67			5.52	5.68	5.01	3.15	2.25	2.00	1.74	1.42	
22	1.64	2.63			5.57	5.66	4.86	3.10	2.24	1.99	1.73	1.41	
23	1.70	2.61			5.60	5.66	4.84	3.05	2.23	1.98	1.73	1.39	
24	1.72	2.58			5.62	5.65	4.81	3.00	2.22	1.98	1.72	1.38	
25	1.73	2.57			5.66	5.65	4.72	2.96	2.20	1.98	1.71	1.37	
26	1.75	2.57			5.70	5.63	4.66	2.91	2.19	1.98	1.70	1.36	
27	1.76	2.55			5.74	5.60	4.61	2.87	2.18	1.97	1.69	1.35	
28	1.79	2.54			5.78	5.58	4.54	2.83	2.17	1.96	1.67	1.34	
29	1.79	2.53				5.56	4.51	2.80	2.16	1.94	1.66	1.33	
30	1.79	2.52				5.54	4.48	2.77	2.15	1.93	1.66	1.31	
31	1.79					5.53		2.74		1.91	1.65		
MEAN	1.73	2.41			5.18	5.73	5.09	3.53	2.39	2.03	1.78	1.48	3.12
MAX.	1.86	2.69			5.78	5.87	5.50	4.45	2.71	2.13	1.91	1.65	5.87
MIN.	1.63	1.75			4.65	5.53	4.48	2.74	2.15	1.91	1.65	1.31	1.31

QM ST.: 4-350 CHILENGA YEAR : 1986/87 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	46.5	43.2	100.4	88.8	227.3	425.5	355.5	209.9	86.8	58.0	48.3	38.1	
2	44.9	42.1	101.6	90.7	232.2	421.5	348.2	208.1	85.3	57.5	48.1	37.9	
3	44.4	49.8	102.5	93.6	233.0	430.3	343.2	206.3	83.5	57.4	47.8	37.5	
4	44.1	55.6	104.1	95.8	235.5	434.3	338.2	203.2	81.8	57.0	47.7	36.8	
5	43.4	56.0	105.1	97.9	238.0	437.5	334.0	199.8	81.3	56.7	47.2	36.1	
6	43.1	56.7	105.2	101.1	240.5	441.6	330.5	192.8	80.7	56.3	46.7	35.7	
7	42.7	57.2	107.4	104.4	243.6	437.5	327.0	190.3	79.5	56.0	46.5	35.4	
8	42.0	70.8	109.4	108.4	248.1	435.1	318.7	187.3	78.7	55.7	46.1	35.2	
9	41.2	68.4	109.8	114.0	249.8	445.6	312.5	171.6	77.6	55.2	45.7	34.7	
10	40.7	66.9	111.0	117.9	251.8	447.3	305.7	157.4	76.4	54.9	45.4	34.4	
11	40.4	70.8	112.0	121.2	253.9	448.9	305.0	155.9	75.1	54.7	44.9	33.8	
12	40.0	73.7	113.0	124.5	258.5	445.6	300.3	151.8	73.9	54.4	44.5	33.3	
13	39.8	75.6	114.5	128.2	260.5	440.0	295.0	145.4	72.0	54.3	44.0	32.8	
14	39.6	76.8	128.4	132.1	272.9	426.3	289.7	139.0	70.8	54.0	43.7	32.2	
15	39.2	78.1	134.2	135.8	281.9	423.9	285.2	137.1	69.3	53.6	43.3	31.8	
16	38.9	80.5	138.0	139.6	292.4	421.5	280.0	132.7	68.2	53.3	43.0	31.4	
17	38.7	82.8	138.8	143.2	303.7	415.2	273.6	129.0	67.3	53.2	42.6	31.3	
18	38.3	84.9	136.6	151.3	316.6	409.7	269.3	124.9	66.0	52.9	42.2	31.5	
19	37.9	85.8	131.3	161.4	320.7	405.9	266.4	120.7	65.1	52.5	41.9	31.1	
20	37.6	85.9	125.6	165.8	354.7	402.0	263.7	117.1	64.1	52.3	41.8	30.7	
21	37.5	84.9	122.2	171.5	359.8	398.1	260.2	113.3	63.5	52.0	41.7	30.3	
22	37.3	82.8	117.4	192.6	371.6	393.5	246.7	110.0	63.0	51.8	41.4	29.9	
23	40.0	81.7	115.0	199.7	378.4	392.8	244.4	106.6	62.5	51.5	41.1	29.3	
24	40.7	80.0	112.5	206.0	384.4	390.5	241.9	103.5	61.8	51.4	40.7	28.9	
25	41.4	79.5	110.1	212.0	393.5	391.2	233.6	101.5	61.1	51.4	40.5	28.7	
26	42.0	79.2	99.5	221.8	402.8	385.1	228.1	98.2	60.7	51.2	40.2	28.3	
27	42.5	78.3	93.2	230.1	412.9	379.1	224.0	96.3	60.3	50.7	39.7	28.0	
28	43.4	77.6	90.1	237.5	423.9	374.6	217.3	94.0	59.9	50.5	39.1	27.7	
29	43.5	77.3	88.5	244.3		369.4	215.2	92.3	59.2	49.7	38.8	27.4	
30	43.7	76.7	86.6	252.7		364.2	212.0	90.2	58.6	49.3	38.7	26.9	
31	43.4		86.6	268.0		361.3		88.6		48.6	38.3		
MEAN	41.3	72.0	111.3	156.5	301.5	412.8	282.2	141.1	70.5	53.5	43.3	32.2	142.2
MAX.	46.5	85.9	138.8	268.0	423.9	448.9	355.5	209.9	86.8	58.0	48.3	38.1	449.9
MIN.	37.5	42.1	86.6	88.8	227.3	361.3	212.0	88.6	58.6	48.6	38.3	26.9	26.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 212.0 Q(185day): 85.8 Q(275day): 47.7 Q(355day): 30.7

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

HM ST.: 4-350 CHILENGA YEAR : 1987/88 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.30	1.12	1.11	1.89	4.42	5.54	6.23	4.96	2.72	2.13	1.80		
2	1.29	1.11	1.11	1.89	4.51	5.59	6.24	4.92	2.69	2.11	1.79		
3	1.29	1.10	1.11	1.87	4.58	5.64	6.24	4.89	2.66	2.10	1.77		
4	[illegible]	1.10	1.12	1.85	4.65	5.67	6.26	4.85	2.62	2.09	1.76		
5	1.28	1.10	1.14	1.82	4.71	5.70	6.27	4.78	2.60	2.08	1.75		
6	1.29	1.10	1.17	1.81	4.74	5.72	6.27	4.71	2.57	2.07	1.75		
7	1.30	1.10	1.21	1.81	4.77	5.74	6.27	4.65	2.55	2.07	1.74		
8	1.30	1.09	1.24	1.80	4.78	5.75	6.27	4.58	2.52	2.05	1.73		
9	1.30	1.09	1.30	1.80	4.81	5.80	6.26	4.50	2.49	2.05	1.73		
10	1.30	1.08	1.39	1.80	4.83	5.81	6.26	4.40	2.47	2.04	1.72		
11	1.30	1.07	1.46	1.81	4.88	5.83	6.24	4.35	2.44	2.04	1.72		
12	1.30	1.07	1.53	1.90	4.97	5.97	6.23	4.28	2.43	2.02			
13	1.30	1.07	1.57	1.89	4.99	5.84	6.20	4.21	2.41	2.01			
14	1.30	1.09	1.65	1.87	5.03	5.87	6.19	4.09	2.40	2.01			
15	1.28	1.08	1.68	1.91	5.07	5.88	6.16	3.97	2.40	2.01			
16	1.27	1.09	1.77	1.99	5.11	5.88	6.14	3.88	2.38	2.00			
17	1.26	1.09	1.81	2.09	5.14	5.90	6.15	3.79	2.37	1.99			
18	1.24	1.08	1.85	2.15	5.18	5.91	6.09	3.67	2.35	1.98			
19	1.23	1.07	1.84	2.24	5.22	5.93	6.04	3.49	2.33	1.96			
20	1.22	1.06	1.83	2.32	5.25	5.93	5.91	3.30	2.31	1.95			
21	1.21	1.05	1.84	2.39	5.28	5.96	5.87	3.26	2.28	1.94			
22	1.20	1.05	1.83	2.49	5.30	5.99	6.08	3.21	2.27	1.93			
23	1.19	1.04	1.82	2.61	5.31	6.00	5.72	3.15	2.25	1.92			
24	3	1.04	1.80	2.75	5.35	6.04	5.67	3.12	2.23	1.91			
25	1.17	1.04	1.79	2.89	5.38	6.11	5.59	3.04	2.22	1.91			
26	1.16	1.05	1.79	3.03	5.43	6.12	5.48	3.00	2.20	1.90			
27	1.15	1.06	1.86	3.37	5.48	6.14	5.34	2.97	2.19	1.88			
28	1.15	1.08	1.91	3.74	5.50	6.15	5.12	2.93	2.17	1.87			
29	1.14	1.09	1.89	3.89	5.53	6.15	5.07	2.87	2.16	1.85			
30	1.13	1.11	1.88	4.19		6.19	5.00	2.82	2.14	1.84			
31	1.12		1.87	4.35		6.21		2.78		1.82			
MEAN	1.24	1.08	1.59	2.39	5.04	5.90	5.96	3.85	2.39	1.99	1.75		3.08
MAX.	1.30	1.12	1.91	4.35	5.53	6.21	6.27	4.96	2.72	2.13	1.80		6.27
MIN.	1.12	1.04	1.11	1.80	4.42	5.54	5.00	2.78	2.14	1.82	1.72		1.04

QM ST.: 4-350 CHILENGA YEAR : 1987/88 [DISCHARGE (m3/s)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	26.6	21.3	20.9	47.7	207.0	363.5	548.7	255.6	87.5	57.8	44.1	41.9	
2	26.2	20.9	20.9	47.4	214.9	375.4	552.3	252.1	85.9	57.1	43.4	41.7	
3	26.1	20.8	21.1	46.8	220.5	388.2	553.2	249.3	84.1	56.5	43.0	41.7	
4	26.0	20.8	21.4	45.8	226.7	396.6	559.6	245.6	82.1	56.0	42.4	41.4	
5	25.9	20.7	22.0	44.7	232.2	402.8	560.5	238.6	81.0	55.6	42.0	41.1	
6	26.2	20.7	22.6	44.5	235.2	408.2	560.5	232.7	79.5	55.3	41.9	41.1	
7	26.5	20.7	23.8	44.3	237.7	413.7	560.5	226.7	78.3	55.1	41.7	41.1	
8	26.7	20.5	24.7	44.1	238.8	415.2	561.4	219.4	77.0	54.7	41.2	41.1	
9	26.7	20.4	26.5	44.0	241.6	428.7	559.6	213.6	75.4	54.4	41.1	41.0	
10	26.7	20.3	29.3	44.0	243.9	432.7	557.8	205.8	74.2	54.0	41.0	40.4	
11	26.6	20.0	31.7	44.5	248.4	438.3	553.2	201.4	72.9	53.7	41.0	40.0	
12	26.5	20.0	34.0	47.9	256.2	474.6	548.7	195.5	72.3	53.2	47.2	39.5	
13	26.7	20.0	35.5	47.7	258.5	440.8	540.6	189.3	71.4	52.8	47.1	39.2	
14	26.7	20.5	38.1	46.6	262.0	447.3	537.0	180.2	70.9	52.7	46.9	39.0	
15	26.0	20.2	39.5	48.3	266.1	449.7	529.9	170.9	70.5	52.4	46.4	38.5	
16	25.6	20.5	42.7	51.9	269.6	449.7	524.6	163.6	69.7	52.3	46.0	38.1	
17	25.2	20.5	44.3	56.1	274.2	456.3	525.5	157.0	69.0	51.9	45.5	37.5	
18	24.7	20.2	46.0	58.6	281.3	458.8	508.8	147.9	68.1	51.1	45.4	37.1	
19	24.4	20.0	45.5	63.0	291.0	464.6	494.1	135.4	67.5	50.6	45.2	36.7	
20	24.0	19.6	45.4	66.7	297.0	465.4	459.6	122.7	66.2	50.1	45.2	36.2	
21	23.9	19.6	45.5	70.3	303.0	472.9	447.3	119.7	65.0	49.7	44.9	35.7	
22	23.7	19.5	45.2	75.4	307.7	479.6	507.1	116.8	64.3	49.1	44.4	35.3	
23	23.3	19.2	44.6	81.5	311.1	482.2	407.4	113.1	63.4	48.8	44.0	34.9	
24	23.1	19.1	44.1	89.2	319.3	495.8	395.0	110.8	62.7	48.6	43.7	34.4	
25	22.7	19.1	43.7	97.2	327.0	513.2	375.4	105.9	62.0	48.2	43.7	34.0	
26	4	19.4	43.5	105.3	336.8	518.7	350.4	103.5	61.3	47.9	43.4	33.5	
27	22.2	19.8	46.2	127.1	348.9	521.9	318.0	101.9	60.4	47.3	42.9	33.1	
28	22.0	20.2	48.6	152.9	355.5	525.5	271.4	99.3	59.6	46.7	42.6	32.7	
29	21.8	20.5	47.7	164.3	361.3	527.2	266.1	95.8	59.2	46.1	42.5	32.3	
30	21.6	21.0	47.2	168.3		537.0	259.9	92.9	58.3	45.5	42.2	31.9	
31	21.4		46.7	200.9		542.4		90.9		44.9	42.2		
MEAN	24.8	20.2	36.7	75.4	275.0	457.6	479.8	166.2	70.7	51.6	43.7	37.7	144.2
MAX.	26.7	21.3	48.6	200.9	361.3	542.4	561.4	255.6	87.5	57.8	47.2	41.9	561.4
MIN.	21.4	19.1	20.9	44.0	207.0	363.5	259.9	90.9	58.3	44.9	41.0	31.9	19.1

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 220.5 Q(185day): 51.1 Q(275day): 39.0 Q(355day): 20.0

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

HM ST.: 4-350 CHILENGA YEAR : 1988/89 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1			1.26	2.39	4.47	6.20	5.74	5.66	3.75	2.52	2.10	1.71	
2			1.27	2.37	4.66	6.23	5.73	5.64	3.69	2.49	2.09	1.69	
3			1.26	2.33	4.77	6.28	5.72	5.61	3.63	2.47	2.08	1.69	
4			1.29	2.31	4.81	6.27	5.71	5.58	3.57	2.46	2.07	1.68	
5			1.31	2.28	4.88	6.28	5.70	5.49	3.51	2.44	2.06	1.67	
6			1.35	2.23	4.94	6.30	5.68	5.44	3.45	2.42	2.05	1.66	
7		1.17	1.37	2.36	5.03	6.27	5.68	5.39	3.38	2.41	2.04	1.65	
8		1.16	1.42	2.55	5.12	6.25	5.71	5.34	3.31	2.40	2.03	1.63	
9		1.20	1.45	2.62	5.19	6.24	5.72	5.32	3.25	2.39	2.02	1.62	
10		1.21	1.48	2.74	5.30	6.22	5.74	5.26	3.20	2.39	2.01	1.61	
11		1.24	1.51	2.84	5.37	6.20	5.75	5.20	3.11	2.38	1.99	1.60	
12		1.24	1.55	3.03	5.41	6.17	5.76	5.11	3.04	2.37	1.99	1.59	
13		1.24	1.57	3.13	5.49	6.15	5.75	5.05	2.99	2.37	1.98	1.58	
14		1.24	1.63	3.21	5.57	6.13	5.76	4.96	2.96	2.35	1.97	1.57	
15		1.26	1.69	3.26	5.62	6.11	5.78	4.91	2.93	2.33	1.96	1.56	
16		1.27	1.76	3.31	5.66	6.08	5.78	4.85	2.90	2.32	1.94	1.54	
17		1.26	1.77	3.38	5.69	6.07	5.80	4.72	2.86	2.30	1.93	1.53	
18		1.25	1.82	3.47	5.78	6.02	5.82	4.64	2.84	2.29	1.92	1.51	
19		1.29	1.85	3.54	5.83	6.00	5.83	4.58	2.82	2.27	1.91	1.50	
20		1.29	1.88	3.64	5.92	5.96	5.84	4.50	2.79	2.25	1.91	1.49	
21		1.30	1.91	3.76	6.00	5.94	5.84	4.44	2.75	2.24	1.88	1.48	
22		1.30	1.94	3.83	6.05	5.91	5.83	4.38	2.72	2.23	1.87	1.47	
23		1.29	1.97	3.89	6.08	5.89	5.83	4.31	2.70	2.22	1.85	1.45	
24		1.28	2.03	3.97	6.09	5.88	5.82	4.20	2.68	2.21	1.83	1.45	
25		1.26	2.09	4.01	6.13	5.83	5.82	4.13	2.66	2.19	1.82	1.44	
26		1.26	2.13	4.09	6.15	5.82	5.80	4.08	2.63	2.18	1.80	1.43	
27		1.25	2.20	4.15	6.17	5.81	5.78	4.02	2.61	2.17	1.79	1.41	
28		1.24	2.22	4.24	6.18	5.78	5.75	3.94	2.59	2.16	1.77	1.41	
29		1.23	2.30	4.30		5.77	5.72	3.90	2.58	2.15	1.75	1.41	
30		1.23	2.36	4.36		5.75	5.69	3.84	2.55	2.12	1.73	1.40	
31			2.41	4.46		5.59		3.79		2.11	1.72		
MEAN		1.25	1.74	3.29	5.51	6.05	5.76	4.78	3.01	2.31	1.93	1.55	3.41
MAX.		1.30	2.41	4.46	6.18	6.30	5.84	5.66	3.75	2.52	2.10	1.71	6.30
MIN.		1.16	1.26	2.23	4.47	5.59	5.68	3.79	2.55	2.11	1.72	1.40	1.16

QM ST.: 4-350 CHILENGA YEAR : 1988/89 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	31.7	25.4	25.4	70.2	211.0	541.5	413.7	394.3	153.8	77.0	56.5	40.4	
2	31.5	25.4	25.6	69.1	228.1	550.5	411.3	388.9	149.4	75.4	56.0	39.9	
3	31.2	25.7	25.3	67.3	237.7	563.3	408.2	382.1	145.2	74.5	55.7	39.6	
4	31.0	26.0	26.3	66.2	241.9	562.3	405.1	373.9	140.7	73.5	55.3	39.4	
5	30.8	26.5	25.8	64.8	247.8	566.0	403.5	352.6	136.9	72.8	54.8	39.0	
6	30.6	26.8	28.2	62.2	253.9	571.5	399.7	339.6	132.5	71.7	54.3	38.6	
7	30.4	22.8	28.8	68.8	262.3	562.3	398.1	328.4	127.7	71.1	53.9	38.1	
8	30.2	22.4	30.2	78.3	271.4	556.9	405.1	319.0	123.5	70.6	53.5	37.6	
9	30.0	23.6	31.2	82.3	284.5	551.4	409.7	313.2	119.1	70.3	52.9	37.1	
10	29.8	23.8	32.4	88.5	308.4	546.0	413.7	300.3	116.2	70.2	52.4	36.7	
11	29.6	24.7	33.3	94.2	324.9	539.7	416.0	285.8	110.2	69.9	51.9	36.5	
12	29.4	24.7	34.5	105.5	332.6	531.7	416.4	269.6	105.9	69.3	51.6	36.1	
13	29.2	24.7	35.4	111.6	351.8	525.5	416.0	264.6	103.1	69.0	51.2	35.8	
14	29.0	24.7	37.7	117.0	371.6	520.2	419.2	255.3	101.1	68.4	50.9	35.4	
15	28.8	25.3	39.8	120.1	383.6	514.0	423.1	250.7	99.7	67.5	50.5	35.0	
16	28.6	25.6	42.2	123.5	392.8	507.1	423.9	245.3	97.5	66.6	49.8	34.4	
17	28.4	25.3	43.0	127.7	401.2	501.9	430.3	233.8	95.4	65.9	49.3	34.0	
18	28.2	25.0	44.6	134.1	423.9	489.8	433.5	226.2	94.3	65.3	48.8	33.4	
19	28.0	26.1	46.0	138.6	438.3	482.2	436.7	220.5	93.3	64.4	48.3	32.9	
20	27.8	26.3	47.1	145.9	462.1	472.9	439.1	213.9	91.4	63.4	48.4	32.6	
21	27.6	26.5	48.3	154.5	483.0	466.2	440.8	209.1	89.0	63.0	47.2	32.2	
22	27.4	26.5	49.8	160.2	497.6	459.6	438.3	203.4	87.5	62.5	46.6	31.9	
23	27.2	26.2	50.7	164.5	505.3	454.6	436.7	197.8	86.5	62.0	45.8	31.4	
24	27.0	25.8	53.3	170.9	509.7	449.7	435.9	189.0	85.4	61.4	45.1	31.2	
25	26.8	25.5	56.1	173.2	519.3	438.3	433.5	183.3	84.1	60.8	44.6	31.0	
26	26.6	25.3	57.9	180.2	525.5	435.9	430.3	178.7	82.8	60.1	44.1	30.5	
27	26.4	25.0	61.1	184.6	531.7	431.1	423.9	174.2	81.7	59.7	43.4	30.1	
28	26.2	24.7	62.0	191.8	534.3	423.9	416.0	168.3	80.7	59.3	42.7	30.0	
29	26.0	24.6	65.6	197.0		420.8	409.0	165.5	79.7	58.6	42.0	29.9	
30	25.8	24.6	68.8	202.1		417.6	400.4	160.6	78.1	57.6	41.4	29.7	
31	25.6		71.2	210.2		376.1		157.0		57.1	40.8		
MEAN	28.6	25.2	42.9	126.6	376.3	497.8	419.6	256.3	105.7	66.4	49.4	34.7	167.7
MAX.	31.7	26.8	71.2	210.2	534.3	571.5	440.8	394.3	153.8	77.0	56.5	40.4	571.5
MIN.	25.6	22.4	25.3	62.2	211.0	376.1	398.1	157.0	78.1	57.1	40.8	29.7	22.4

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)
[Flow Regime (m3/s)]:
Q(95day): 264.6 Q(185day): 70.2 Q(275day): 35.4 Q(355day): 24.7

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

HM ST.: 4-350 CHILENGA YEAR : 1989/90 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.40	1.19	1.32	2.59	4.15	6.63	3.77	3.45	2.55	1.86	1.47	1.26	
2	1.39	1.19	1.31	2.63	4.19	6.64	3.75	3.43	2.51	1.84	1.46	1.26	
3	1.39	1.19	1.30	2.71	4.20	6.67	3.75	3.41	2.48	1.83	1.45	1.26	
4	1.38	1.19	1.29	2.85	4.18	4.87	3.79	3.40	2.44	1.81	1.44	1.24	
5	1.38	1.18	1.28	3.02	4.19	4.87	3.83	3.38	2.43	1.79	1.43	1.24	
6	1.37	1.18	1.30	3.08	4.21	4.87	3.86	3.36	2.40	1.76	1.42	1.24	
7	1.36	1.18	1.33	3.12	4.26	4.86	3.89	3.35	2.37	1.75	1.41	1.23	
8	1.36	1.18	1.36	3.20	4.28	4.84	3.92	3.35	2.35	1.74	1.40	1.22	
9	1.35	1.17	1.36	3.30	4.32	4.83	3.93	3.37	2.33	1.73	1.40	1.22	
10	1.33	1.16	1.40	3.37	4.36	4.82	3.96	3.37	2.31	1.71	1.39	1.22	
11	1.32	1.16	1.49	3.39	4.40	4.80	3.96	3.39	2.29	1.70	1.38	1.19	
12	1.31	1.16	1.65	3.40	4.45	4.77	3.95	3.40	2.25	1.69	1.37	1.18	
13	1.30	1.16	1.76	3.44	4.54	4.74	3.95	3.39	2.22	1.66	1.37	1.18	
14	1.29	1.16	1.87	3.50	4.59	4.69	3.94	3.37	2.20	1.64	1.37	1.17	
15	1.28	1.15	1.88	3.60	4.62	4.65	3.93	3.34	2.19	1.62	1.36	1.16	
16	1.28	1.16	1.88	3.66	4.67	4.60	3.91	3.31	2.16	1.61	1.36	1.16	
17	1.27	1.17	1.91	3.72	4.69	4.56	3.90	3.27	2.13	1.59	1.35	1.16	
18	1.26	1.16	2.02	3.77	4.72	4.50	3.87	3.21	2.11	1.58	1.34	1.14	
19	1.26	1.17	2.11	3.80	4.74	4.44	3.85	3.16	2.09	1.57	1.34	1.14	
20	1.25	1.17	2.18	3.82	4.75	4.39	3.82	3.11	2.07	1.56	1.33	1.13	
21	1.23	1.17	2.21	3.83	4.74	4.33	3.79	3.05	2.05	1.55	1.33	1.13	
22	1.23	1.19	2.25	3.83	4.77	4.27	3.75	3.00	2.03	1.54	1.32	1.12	
23	1.23	1.24	2.27	3.85	4.78	4.20	3.72	2.96	2.01	1.53	1.31	1.12	
24	1.22	1.32	2.40	3.86	4.81	4.15	3.67	2.90	1.99	1.52	1.30	1.12	
25	1.21	1.36	2.43	3.87	4.82	4.08	3.64	2.84	1.96	1.51	1.30	1.11	
26	1.20	1.39	2.47	3.90	4.85	4.02	3.59	2.80	1.94	1.51	1.30	1.11	
27	1.20	1.38	2.51	3.94	4.87	3.97	3.54	2.75	1.93	1.50	1.29	1.11	
28	1.20	1.36	2.51	3.98	4.85	3.92	3.52	2.71	1.91	1.50	1.28	1.11	
29	1.20	1.35	2.54	4.02		3.88	3.50	2.67	1.89	1.49	1.28	1.11	
30	1.19	1.32	2.55	4.07		3.84	3.48	2.62	1.88	1.48	1.27	1.11	
31	1.19		2.58	4.11		3.80		2.59		1.47	1.27		
MEAN	1.28	1.22	1.89	3.52	4.53	4.66	3.79	3.15	2.18	1.63	1.36	1.17	2.52
MAX.	1.40	1.39	2.58	4.11	4.87	6.67	3.96	3.45	2.55	1.86	1.47	1.26	6.67
MIN.	1.19	1.15	1.28	2.59	4.15	3.80	3.48	2.59	1.88	1.47	1.27	1.11	1.11

QM ST.: 4-350 CHILENGA YEAR : 1989/90 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	29.5	23.4	27.0	80.4	184.3	674.5	155.6	132.9	78.3	46.5	31.9	25.5	
2	29.3	23.4	26.9	82.5	187.8	677.5	153.8	131.4	76.4	45.6	31.7	25.4	
3	29.2	23.3	26.7	86.8	188.8	687.5	153.6	129.8	74.6	45.1	31.3	25.2	
4	29.0	23.2	26.3	94.7	186.8	247.6	157.0	129.0	72.9	44.5	30.8	24.8	
5	28.9	23.0	25.9	105.0	188.3	247.6	159.5	127.9	72.0	43.7	30.6	24.8	
6	28.8	22.9	26.4	108.3	189.5	247.3	162.0	126.9	70.6	42.6	30.2	24.7	
7	28.5	22.9	27.5	111.0	193.3	246.7	164.1	126.1	69.3	42.0	29.9	24.4	
8	28.3	22.9	28.4	116.4	195.0	244.7	166.6	126.1	68.4	41.5	29.7	24.0	
9	28.0	22.7	28.5	122.5	198.8	243.6	167.3	127.1	67.3	41.1	29.5	24.0	
10	27.3	22.5	29.5	127.3	202.4	242.2	169.4	127.3	66.3	40.6	29.2	24.0	
11	27.0	22.5	32.6	128.6	205.8	240.8	169.4	128.8	65.3	40.3	29.0	23.2	
12	26.8	22.5	38.2	129.6	209.9	237.7	169.0	129.0	63.5	39.8	28.8	23.1	
13	26.4	22.5	42.6	131.8	217.0	234.9	168.7	128.6	62.0	38.7	28.7	22.9	
14	26.2	22.3	46.6	136.0	221.6	231.1	168.0	127.1	61.3	37.8	28.6	22.7	
15	26.0	22.2	47.3	143.3	224.5	227.0	167.1	125.3	60.6	37.2	28.5	22.5	
16	25.8	22.3	47.3	147.2	229.2	222.9	166.2	123.3	59.3	36.7	28.3	22.4	
17	25.6	22.6	48.2	151.4	230.8	219.2	164.8	120.7	58.0	36.1	28.2	22.3	
18	25.3	22.5	53.1	155.4	233.0	214.1	162.9	117.0	57.0	35.6	27.7	22.0	
19	25.2	22.6	57.1	157.7	234.9	209.1	161.5	113.7	56.1	35.3	27.6	21.8	
20	24.9	22.7	60.0	159.3	235.8	204.5	159.0	110.4	55.3	35.0	27.5	21.7	
21	24.6	22.8	61.7	159.5	235.5	199.3	156.8	106.6	54.4	34.6	27.3	21.6	
22	24.5	23.3	63.5	159.9	237.7	194.3	154.1	103.9	53.5	34.3	27.1	21.4	
23	24.4	24.7	64.5	161.1	238.6	189.0	151.4	101.1	52.4	34.0	26.9	21.3	
24	24.0	27.1	70.9	162.2	241.4	184.3	148.3	97.5	51.6	33.6	26.7	21.2	
25	23.8	28.3	72.0	162.7	243.0	179.0	145.7	94.5	50.5	33.3	26.5	21.1	
26	23.5	29.4	74.0	165.0	245.0	174.7	142.2	91.9	49.7	33.2	26.4	21.1	
27	23.5	29.1	76.2	168.5	247.0	170.2	138.8	89.3	49.2	33.1	26.3	21.0	
28	23.5	28.3	76.5	171.1	245.0	166.9	137.3	87.1	48.6	33.0	26.0	20.9	
29	23.5	28.0	77.9	174.4		163.6	136.2	84.8	47.7	32.7	25.8	20.9	
30	23.4	27.2	78.6	178.3		160.6	134.6	82.3	47.1	32.2	25.7	20.9	
31	23.4		79.7	181.9		157.7		80.4		32.0	25.6		
MEAN	26.1	24.1	49.7	139.3	217.5	256.1	157.0	113.8	60.6	37.8	28.3	22.8	93.7
MAX.	29.5	29.4	79.7	181.9	247.0	687.5	169.4	132.9	78.3	46.5	31.9	25.5	687.5
MIN.	23.4	22.2	25.9	80.4	184.3	157.7	134.6	80.4	47.1	32.0	25.6	20.9	20.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2 (H>=5.134),8.771*(H+0.439)^2 (H<=5.134)

[Flow Regime (m3/s)]:

Q(95day): 153.6 Q(185day): 54.4 Q(275day): 27.1 Q(355day): 21.7

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

HM ST.: 4-350 CHILENGA YEAR : 1990/91 [WATER LEVEL (m)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	1.11	0.98	0.93	1.80	4.69	5.67	5.28	4.60	2.88	2.05	1.72	1.46	
2	1.11	0.99	0.96	1.95	4.75	5.67	5.30	4.53	2.83	2.04	1.72	1.45	
3	1.10	0.99	0.98	2.07	4.82	5.67	5.33	4.46	2.77	2.02	1.71	1.45	
4	1.09	0.97	1.04	2.20	4.87	5.67	5.33	4.40	2.71	2.01	1.71	1.44	
5	1.09	0.96	1.06	2.32	4.93	5.67	5.35	4.32	2.64	1.98	1.70	1.40	
6	1.09	0.95	1.12	2.50	5.01	5.66	5.36	4.26	2.60	1.96	1.70	1.38	
7	1.08	0.95	1.13	2.63	5.08	5.64	5.33	4.18	2.57	1.94	1.69	1.35	
8	1.08	0.94	1.12	2.72	5.16	5.60	5.35	4.11	2.54	1.92	1.69	1.34	
9	1.07	0.94	1.14	2.82	5.26	5.57	5.37	4.04	2.51	1.91	1.69	1.33	
10	1.06	0.93	1.16	2.96	5.29	5.54	5.36	3.97	2.46	1.90	1.69	1.31	
11	1.06	0.93	1.18	3.03	5.30	5.49	5.35	3.89	2.43	1.89	1.68	1.30	
12	1.05	0.92	1.19	3.07	5.32	5.47	5.34	3.80	2.40	1.88	1.67	1.29	
13	1.05	0.92	1.19	3.16	5.45	5.43	5.32	3.77	2.39	1.87	1.65	1.29	
14	1.04	0.91	1.20	3.30	5.51	5.39	5.30	3.71	2.38	1.87	1.63	1.28	
15	1.03	0.91	1.19	3.37	5.54	5.36	5.29	3.64	2.36	1.87	1.65	1.28	
16	1.01	0.91	1.19	3.39	5.61	5.36	5.28	3.58	2.34	1.85	1.61	1.27	
17	1.01	0.92	1.20	3.43	5.63	5.33	5.25	3.54	2.32	1.84	1.60	1.23	
18	1.00	0.92	1.20	3.46	5.65	5.32	5.23	3.49	2.30	1.83	1.58	1.23	
19	1.00	0.93	1.13	3.53	5.66	5.30	5.21	3.46	2.28	1.81	1.57	1.23	
20	1.00	0.92	1.44	3.67	5.67	5.28	5.18	3.43	2.26	1.80	1.56	1.22	
21	1.00	0.92	1.42	3.85	5.67	5.27	5.15	3.37	2.24	1.80	1.55	1.22	
22	1.00	0.92	1.42	3.99	5.64	5.27	5.12	3.33	2.22	1.79	1.55	1.21	
23	0.99	0.91	1.44	3.99	5.64	5.25	5.09	3.27	2.21	1.79	1.54	1.19	
24	0.99	0.91	1.51	4.14	5.65	5.25	5.03	3.21	2.19	1.78	1.53	1.16	
25	0.98	0.92	1.54	4.24	5.68	5.25	4.98	3.18	2.18	1.78	1.52	1.15	
26	0.97	0.93	1.52	4.31	5.69	5.25	4.93	3.11	2.16	1.77	1.51	1.15	
27	0.97	0.94	1.49	4.34	5.69	5.25	4.92	3.05	2.14	1.76	1.51	1.14	
28	0.97	0.94	1.50	4.41	5.67	5.28	4.88	3.01	2.11	1.75	1.51	1.14	
29	0.97	0.94	1.55	4.53		5.29	4.79	2.97	2.09	1.75	1.49		
30	0.96	0.94	1.60	4.63		5.29	4.71	2.95	2.08	1.74	1.48		
31	0.96		1.66	4.66		5.28		2.93		1.74	1.47		
MEAN	1.03	0.94	1.27	3.37	5.38	5.42	5.19	3.66	2.39	1.86	1.61	1.28	2.77
MAX.	1.11	0.99	1.66	4.66	5.69	5.67	5.37	4.60	2.88	2.05	1.72	1.46	5.69
MIN.	0.96	0.91	0.93	1.80	4.69	5.25	4.71	2.93	2.08	1.74	1.47	1.14	0.91

QM ST.: 4-350 CHILENGA YEAR : 1990/91 [DISCHARGE (m3/sec)]

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ANNUAL
1	20.9	17.6	16.4	43.9	231.1	395.8	303.7	222.9	96.8	54.5	41.0	31.5	
2	20.9	18.0	17.1	50.2	235.8	395.8	308.4	216.5	93.6	53.9	40.7	31.3	
3	20.9	17.9	17.8	55.3	242.2	395.8	314.5	210.2	90.2	53.2	40.5	31.3	
4	20.6	17.4	19.1	61.1	247.0	396.6	314.5	205.8	87.0	52.4	40.4	31.0	
5	20.5	17.2	19.8	66.9	253.3	395.0	318.7	198.6	83.3	51.2	40.2	29.7	
6	20.4	16.9	21.2	75.7	260.5	393.5	321.4	193.8	81.0	50.5	40.2	29.1	
7	20.3	16.9	21.7	82.8	267.3	387.4	315.9	187.3	79.4	49.7	39.9	28.2	
8	20.1	16.8	21.4	87.8	278.7	379.1	318.7	181.4	77.9	48.8	39.8	27.7	
9	20.0	16.7	21.8	93.1	299.5	371.6	324.2	175.8	76.0	48.4	39.6	27.5	
10	19.8	16.5	22.5	101.5	306.1	364.2	321.4	170.6	73.7	48.1	39.6	26.9	
11	19.6	16.4	22.9	105.3	308.3	351.8	320.0	164.1	72.0	47.6	39.2	26.5	
12	19.5	16.3	23.3	108.1	312.5	346.8	316.6	157.7	70.8	47.2	38.9	26.3	
13	19.3	16.1	23.4	113.9	343.2	337.5	313.2	155.2	70.2	46.9	38.2	26.2	
14	19.2	16.1	23.5	122.9	356.9	329.1	309.1	150.7	69.6	46.8	37.7	26.0	
15	18.9	16.0	23.2	127.3	365.0	321.4	306.4	145.9	68.8	46.6	38.2	25.8	
16	18.5	15.9	23.3	128.8	382.1	320.7	303.7	142.0	67.8	46.1	36.7	25.6	
17	18.4	16.3	23.6	131.2	385.9	315.9	297.8	139.2	66.7	45.6	36.4	24.5	
18	18.2	16.3	23.5	133.3	392.0	312.5	293.0	135.6	65.9	45.0	35.8	24.5	
19	18.2	16.4	21.7	138.4	394.3	307.7	287.8	133.1	64.7	44.5	35.5	24.3	
20	18.2	16.3	31.0	148.1	395.0	303.7	282.6	131.0	63.7	44.0	35.1	24.1	
21	18.2	16.2	30.3	161.1	395.0	302.3	276.7	127.5	63.1	43.8	34.7	24.1	
22	18.1	16.1	30.4	172.0	388.2	301.0	271.4	124.3	62.1	43.5	34.6	23.9	
23	18.0	16.0	30.8	172.0	388.2	298.3	267.8	120.5	61.5	43.4	34.3	23.2	
24	17.8	16.0	33.3	183.9	391.2	298.3	262.3	117.0	60.8	43.2	34.1	22.3	
25	17.7	16.2	34.4	191.8	397.4	297.7	257.3	115.0	60.1	43.2	33.7	22.1	
26	17.5	16.5	33.6	197.8	401.2	297.7	253.0	110.4	59.4	42.8	33.5	22.0	
27	17.5	16.6	32.7	200.3	402.0	298.3	251.8	106.6	58.3	42.4	33.4	22.0	
28	17.4	16.6	33.0	206.3	395.8	303.0	248.1	104.1	57.1	41.9	33.3	21.8	
29	17.3	16.6	34.7	216.5		305.0	240.0	101.9	56.0	41.9	32.8		
30	17.2	16.6	36.6	225.4		305.0	232.7	100.6	55.6	41.8	32.2		
31	17.1		38.6	228.1		304.4		99.3		41.5	31.9		
MEAN	18.9	16.6	26.0	133.3	336.3	336.6	291.7	149.8	70.4	46.5	36.8	26.0	123.1
MAX.	20.9	18.0	38.6	228.1	402.0	396.6	324.2	222.9	96.8	54.5	41.0	31.5	402.0
MIN.	17.1	15.9	16.4	43.9	231.1	297.7	232.7	99.3	55.6	41.5	31.9	21.8	15.9

[Discharge Rating Curve]:Q=40.036*(H-2.525)^2,(H>=5.134M),(8.771*(H+0.439),(H<=5.134M)

[Flow Regime (m3/s)]:

Q(95day): 210.2 Q(185day): 50.5 Q(275day): 24.1 Q(355day): 16.2