

V. DATA FOR IRRIGATION
IMPROVEMENT PLAN

V. DATA FOR IRRIGATION IMPROVEMENT PLAN

1. Water Requirement

2. Estimated Production Ratio with Improvement Plan

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- (2) Canal Improvement Plan
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- (6) Protection Works
- (7) Steel Flume Aqueduct
- (8) Pipe Canal
- (9) New Intake Works for Phangyul Canal
- (10) River Pump
- (11) Shallow Well
- (12) Drainage Canal

4. Cost Estimation for Improvement Plan

- (1) Water Management
- (2) Canal Capacities
- (3) Water Resources
- (4) Diversification
- (5) Extension of Double Paddy Cropping
- (6) Combination of Countermeasures
- (7) River Pump System
- (8) Drainage System

1. WATER REQUIREMENT

Water Requirement (1/36)

Present Condition (Case O & A unit : 1/s)

Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Canal C1 Command Area 61 ha	26.9 1/2 27.7 1/5 28.0 1/10 28.2 1/20 25.5 1/5 (Exceedance) 24.5 1/10 (Exceedance) 23.4 1/20 (Exceedance)	27.3 39.7 40.6 41.0 40.2 38.1 36.9 35.8 34.8 33.7 38.7 46.0 47.0 44.4 40.2 37.1 35.9 34.8 33.7 32.7 31.2 30.1 28.7 27.3 26.9	38.7 39.7 40.6 41.0 40.2 38.1 36.9 35.8 34.8 33.7 38.7 46.0 47.0 44.4 40.2 37.1 35.9 34.8 33.7 32.7 31.2 30.1 28.7 27.3 26.9	46.0 33.7 34.5 34.9 35.1 32.2 31.2 30.1 28.7 27.3 26.9 25.5 24.9 23.9 23.0 22.0 21.4 20.7 19.7 18.5 17.4 16.2 15.1 14.0 13.3 12.4 11.9 11.3 10.7 10.1 9.5 8.9 8.3 7.7 7.1 6.5 6.0 5.4 4.8 4.2 3.6 3.0 2.4 1.8 1.2 0.6 0.0 -0.6 -1.2 -1.8 -2.4 -3.0 -3.6 -4.2 -4.8 -5.4 -6.0 -6.6 -7.2 -7.8 -8.4 -9.0 -9.6 -10.2 -10.8 -11.4 -12.0 -12.6 -13.2 -13.8 -14.4 -15.0 -15.6 -16.2 -16.8 -17.4 -18.0 -18.6 -19.2 -19.8 -20.4 -21.0 -21.6 -22.2 -22.8 -23.4 -24.0 -24.6 -25.2 -25.8 -26.4 -27.0 -27.6 -28.2 -28.8 -29.4 -30.0 -30.6 -31.2 -31.8 -32.4 -33.0 -33.6 -34.2 -34.8 -35.4 -36.0 -36.6 -37.2 -37.8 -38.4 -39.0 -39.6 -40.2 -40.8 -41.4 -42.0 -42.6 -43.2 -43.8 -44.4 -45.0 -45.6 -46.2 -46.8 -47.4 -48.0 -48.6 -49.2 -49.8 -50.4 -51.0 -51.6 -52.2 -52.8 -53.4 -54.0 -54.6 -55.2 -55.8 -56.4 -57.0 -57.6 -58.2 -58.8 -59.4 -60.0 -60.6 -61.2 -61.8 -62.4 -63.0 -63.6 -64.2 -64.8 -65.4 -66.0 -66.6 -67.2 -67.8 -68.4 -69.0 -69.6 -70.2 -70.8 -71.4 -72.0 -72.6 -73.2 -73.8 -74.4 -75.0 -75.6 -76.2 -76.8 -77.4 -78.0 -78.6 -79.2 -79.8 -80.4 -81.0 -81.6 -82.2 -82.8 -83.4 -84.0 -84.6 -85.2 -85.8 -86.4 -87.0 -87.6 -88.2 -88.8 -89.4 -90.0 -90.6 -91.2 -91.8 -92.4 -93.0 -93.6 -94.2 -94.8 -95.4 -96.0 -96.6 -97.2 -97.8 -98.4 -99.0 -99.6 -100.2 -100.8 -101.4 -102.0 -102.6 -103.2 -103.8 -104.4 -105.0 -105.6 -106.2 -106.8 -107.4 -108.0 -108.6 -109.2 -109.8 -110.4 -111.0 -111.6 -112.2 -112.8 -113.4 -114.0 -114.6 -115.2 -115.8 -116.4 -117.0 -117.6 -118.2 -118.8 -119.4 -120.0 -120.6 -121.2 -121.8 -122.4 -123.0 -123.6 -124.2 -124.8 -125.4 -126.0 -126.6 -127.2 -127.8 -128.4 -129.0 -129.6 -130.2 -130.8 -131.4 -132.0 -132.6 -133.2 -133.8 -134.4 -135.0 -135.6 -136.2 -136.8 -137.4 -138.0 -138.6 -139.2 -139.8 -140.4 -141.0 -141.6 -142.2 -142.8 -143.4 -144.0 -144.6 -145.2 -145.8 -146.4 -147.0 -147.6 -148.2 -148.8 -149.4 -150.0 -150.6 -151.2 -151.8 -152.4 -153.0 -153.6 -154.2 -154.8 -155.4 -156.0 -156.6 -157.2 -157.8 -158.4 -159.0 -159.6 -160.2 -160.8 -161.4 -162.0 -162.6 -163.2 -163.8 -164.4 -165.0 -165.6 -166.2 -166.8 -167.4 -168.0 -168.6 -169.2 -169.8 -170.4 -171.0 -171.6 -172.2 -172.8 -173.4 -174.0 -174.6 -175.2 -175.8 -176.4 -177.0 -177.6 -178.2 -178.8 -179.4 -180.0 -180.6 -181.2 -181.8 -182.4 -183.0 -183.6 -184.2 -184.8 -185.4 -186.0 -186.6 -187.2 -187.8 -188.4 -189.0 -189.6 -190.2 -190.8 -191.4 -192.0 -192.6 -193.2 -193.8 -194.4 -195.0 -195.6 -196.2 -196.8 -197.4 -198.0 -198.6 -199.2 -199.8 -200.4 -201.0 -201.6 -202.2 -202.8 -203.4 -204.0 -204.6 -205.2 -205.8 -206.4 -207.0 -207.6 -208.2 -208.8 -209.4 -210.0 -210.6 -211.2 -211.8 -212.4 -213.0 -213.6 -214.2 -214.8 -215.4 -216.0 -216.6 -217.2 -217.8 -218.4 -219.0 -219.6 -220.2 -220.8 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-650.4 -651.0 -651.6 -652.2 -652.8 -653.4 -654.0 -654.6 -655.2 -655.8 -656.4 -657.0 -657.6 -658.2 -658.8 -659.4 -660.0 -660.6 -661.2 -661.8 -662.4 -663.0 -663.6 -664.2 -664.8 -665.4 -666.0 -666.6 -667.2 -667.8 -668.4 -669.0 -669.6 -670.2 -670.8 -671.4 -672.0 -672.6 -673.2 -673.8 -674.4 -675.0 -675.6 -676.2 -676.8 -677.4 -678.0 -678.6 -679.2 -679.8 -680.4 -681.0 -681.6 -682.2 -682.8 -683.4 -684.0 -684.6 -685.2 -685.8 -686.4 -687.0 -687.6 -688.2 -688.8 -689.4 -690.0 -690.6 -691.2 -691.8 -692.4 -693.0 -693.6 -694.2 -694.8 -695.4 -696.0 -696.6 -697.2 -697.8 -698.4 -699.0 -699.6 -700.2 -700.8 -701.4 -702.0 -702.6 -703.2 -703.8 -704.4 -705.0 -705.6 -706.2 -706.8 -707.4 -708.0 -708.6 -709.2 -709.8 -710.4 -711.0 -711.6 -712.2 -712.8 -713.4 -714.0 -714.6 -715.2 -715.8 -716.4 -717.0 -717.6 -718.2 -718.8 -719.4 -720.0 -720.6 -721.2 -721.8 -722.4 -723.0 -723.6 -724.2 -724.8 -725.4 -726.0 -726.6 -727.2 -727.8 -728.4 -729.0 -729.6 -730.2 -730.8 -731.4 -732.0 -732.6 -733.2 -733.8 -734.4 -735.0 -735.6 -736.2 -736.8 -737.4 -738.0 -738.6 -739.2 -739.8 -740.4 -741.0 -741.6 -742.2 -742.8 -743.4 -744.0 -744.6 -745.2 -745.8 -746.4 -747.0 -747.6 -748.2 -748.8 -749.4 -750.0 -750.6 -751.2 -751.8 -752.4 -753.0 -753.6 -754.2 -754.8 -755.4 -756.0 -756.6 -757.2 -757.8 -758.4 -759.0 -759.6 -760.2 -760.8 -761.4 -762.0 -762.6 -763.2 -763.8 -764.4 -765.0 -765.6 -766.2 -766.8 -767.4 -768.0 -768.6 -769.2 -769.8 -770.4 -771.0 -771.6 -772.2 -772.8 -773.4 -774.0 -774.6 -775.2 -775.8 -776.4 -777.0 -777.6 -778.2 -778.8 -779.4 -780.0 -780.6 -781.2 -781.8 -782.4 -783.0 -783.6 -784.2 -784.8 -785.4 -786.0 -786.6 -787.2 -787.8 -788.4 -789.0 -789.6 -790.2 -790.8 -791.4 -792.0 -792.6 -793.2 -793.8 -794.4 -795.0 -795.6 -796.2 -796.8 -797.4 -798.0 -798.6 -799.2 -799.8 -800.4 -801.0 -801.6 -802.2 -802.8 -803.4 -804.0 -804.6 -805.2 -805.8 -806.4 -807.0 -807.6 -808.2 -808.8 -809.4 -810.0 -810.6 -811.2 -811.8 -812.4 -813.0 -813.6 -814.2 -814.8 -815.4 -816.0 -816.6 -817.2 -817.8 -818.4 -819.0 -819.6 -820.2 -820.8 -821.4 -822.0 -822.6 -823.2 -823.8 -824.4 -825.0 -825.6 -826.2 -826.8 -827.4 -828.0 -828.6 -829.2 -829.8 -830.4 -831.0 -831.6 -832.2 -832.8 -833.4 -834.0 -834.6 -835.2 -835.8 -836.4 -837.0 -837.6 -838.2 -838.8 -839.4 -840.0 -840.6 -841.2 -841.8 -842.4 -843.0 -843.6 -844.2 -844.8 -845.4 -846.0 -846.6 -847.2 -847.8 -848.4 -849.0 -849.6 -850.2 -850.8 -851.4 -852.0 -852.6 -853.2 -853.8 -854.4 -855.0 -855.6 -856.2 -856.8 -857.4 -858.0 -858.6 -859.2 -859.8 -860.4 -861.0 -861.6 -862.2 -862.8 -863.4 -864.0 -864.6 -865.2 -865.8 -866.4 -867.0 -867.6 -868.2 -868.8 -869.4 -870.0 -870.6 -871.2 -871.8 -872.4 -873.0 -8								

Water Requirement (2/36)

Present Condition (Case O & A unit: 1/4)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Canal C18 Command Area 29 ha	1/2	13.0	13.2	16.0	15.5	20.8	15.0	7.7	2.1	-	-	-	-
	1/5	13.3	13.4	16.7	16.2	21.3	15.4	8.8	3.2	-	-	-	-
	1/10	13.4	13.6	17.0	16.5	21.6	15.6	9.2	3.6	-	-	-	-
	1/20	13.5	13.7	17.2	16.8	21.7	15.7	9.5	4.0	-	-	-	-
	1/5 (Exceedance)	12.6	12.8	14.8	14.4	20.1	14.4	6.0	0.4	-	-	-	-
	1/10 (Exceedance)	12.3	12.5	14.1	13.6	19.6	14.0	5.0	-	-	-	-	-
	1/20 (Exceedance)	12.0	12.2	13.4	12.9	19.0	13.6	4.0	-	-	-	-	-
	1/2	18.6	18.9	22.9	22.3	30.0	21.9	11.6	3.1	-	-	-	-
	1/5	19.0	19.2	23.9	23.3	30.7	22.5	13.1	4.6	-	-	-	-
	1/10	19.1	19.4	24.4	23.7	31.0	22.8	13.8	5.3	-	-	-	-
	1/20	19.3	19.5	24.7	24.0	31.3	23.0	14.2	5.8	-	-	-	-
	1/5 (Exceedance)	18.0	18.2	21.3	20.6	28.9	21.1	9.1	0.6	-	-	-	-
Canal C19 Command Area 40 ha	1/10 (Exceedance)	17.6	17.8	20.2	19.6	28.2	20.5	7.6	-	-	-	-	-
	1/20 (Exceedance)	17.1	17.4	19.2	18.5	27.4	19.9	6.1	-	-	-	-	-
	1/2	12.1	12.2	14.8	14.3	19.1	13.7	7.1	1.9	-	-	-	-
	1/5	12.4	12.5	15.5	15.0	19.5	14.0	8.0	2.9	-	-	-	-
	1/10	12.5	12.6	15.7	15.3	19.7	14.2	8.4	3.3	-	-	-	-
	1/20	12.5	12.7	16.0	15.5	19.9	14.3	8.7	3.6	-	-	-	-
	1/5 (Exceedance)	11.7	11.8	13.7	13.3	18.3	13.1	5.5	0.4	-	-	-	-
	1/10 (Exceedance)	11.4	11.6	13.1	12.6	17.9	12.8	4.6	-	-	-	-	-
	1/20 (Exceedance)	11.2	11.3	12.4	11.9	17.4	12.4	3.7	-	-	-	-	-
	1/2	10.2	10.4	12.7	12.3	16.8	12.3	6.4	1.7	-	-	-	-
	1/5	10.4	10.6	13.2	12.9	17.2	12.6	7.3	2.6	-	-	-	-
	Canal C21 Command Area 24 ha	1/10	10.5	10.7	13.4	13.1	17.4	12.8	7.7	3.0	-	-	-
1/20		10.6	10.7	13.6	13.3	17.5	12.9	7.9	3.2	-	-	-	-
1/5 (Exceedance)		9.9	10.0	11.8	11.4	16.2	11.8	5.0	0.3	-	-	-	-
1/10 (Exceedance)		9.7	9.8	11.2	10.8	15.8	11.5	4.2	-	-	-	-	-
1/20 (Exceedance)		9.4	9.6	10.6	10.3	15.4	11.2	3.4	-	-	-	-	-
1/2		13.0	13.2	16.0	15.5	20.8	15.0	7.7	2.1	-	-	-	-
1/5		13.3	13.4	16.7	16.2	21.3	15.4	8.8	3.2	-	-	-	-
1/10		13.4	13.6	17.0	16.5	21.6	15.6	9.2	3.6	-	-	-	-
1/20		13.5	13.7	17.2	16.8	21.7	15.7	9.5	4.0	-	-	-	-
1/5 (Exceedance)		12.6	12.8	14.8	14.4	20.1	14.4	6.0	0.4	-	-	-	-
1/10 (Exceedance)		12.3	12.5	14.1	13.6	19.6	14.0	5.0	-	-	-	-	-
1/20 (Exceedance)		12.0	12.2	13.4	12.9	19.0	13.6	4.0	-	-	-	-	-

Water Requirement (3/36)

(Case B & AB unit : 1/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.		
Canal C1 Command Area 61 ha	1/2	15.0	15.2	22.1	21.5	25.6	18.7	12.2	5.1	-	-	6.5	10.8	13.3	15.3
	1/5	15.4	15.6	22.6	22.0	26.1	19.2	13.2	6.1	-	-	6.7	10.9	13.6	15.5
	1/10	15.5	15.8	22.8	22.2	26.4	19.4	13.6	6.5	-	-	6.7	11.0	13.6	15.6
	1/20	15.7	15.9	22.9	22.3	26.5	19.5	13.9	6.8	-	-	6.7	11.0	13.7	15.7
	1/5 (Exceedance)	14.2	14.4	21.2	20.6	24.5	17.9	10.4	3.3	-	-	6.3	10.5	12.9	14.9
	1/10 (Exceedance)	13.6	13.8	20.5	20.0	23.8	17.3	9.0	1.9	-	-	6.1	10.3	12.6	14.6
	1/20 (Exceedance)	13.0	13.3	19.9	19.3	23.1	16.7	7.6	0.5	-	-	5.9	10.0	12.3	14.3
Canal C2 Command Area 300 ha	1/2	74.8	76.0	110.4	107.6	127.9	93.7	60.9	25.6	-	-	32.6	53.8	66.7	76.5
	1/5	76.8	78.0	112.8	110.0	130.6	95.9	65.8	30.5	-	-	33.3	54.5	67.8	77.6
	1/10	77.7	78.9	113.8	111.0	131.8	96.8	67.9	32.5	-	-	33.6	54.9	68.2	78.0
	1/20	78.3	79.5	114.5	111.7	132.6	97.5	69.4	34.1	-	-	33.7	55.1	68.5	78.3
	1/5 (Exceedance)	70.8	72.0	105.8	103.0	122.7	89.6	51.8	16.5	-	-	31.3	52.4	64.6	74.4
	1/10 (Exceedance)	68.0	69.2	102.6	99.8	119.1	86.7	45.0	9.6	-	-	30.4	51.3	63.1	72.9
	1/20 (Exceedance)	65.1	66.3	99.4	96.6	115.4	83.7	38.0	2.6	-	-	29.4	50.2	61.4	71.3
Canal C9 Command Area 143 ha	1/2	35.6	36.2	53.9	52.5	61.1	44.6	29.6	12.8	-	-	15.5	25.7	31.9	36.6
	1/5	36.7	37.2	54.9	53.6	62.4	45.6	31.8	15.1	-	-	15.9	26.0	32.4	37.1
	1/10	37.1	37.7	55.4	54.0	62.9	46.0	32.8	16.0	-	-	16.0	26.2	32.6	37.3
	1/20	37.4	38.0	55.6	54.3	63.3	46.4	33.5	16.7	-	-	16.1	26.3	32.8	37.5
	1/5 (Exceedance)	33.6	34.1	51.9	50.5	58.5	42.5	25.3	8.6	-	-	14.8	24.9	30.8	35.5
	1/10 (Exceedance)	32.1	32.7	50.5	49.1	56.7	41.1	22.0	5.3	-	-	14.3	24.3	30.0	34.7
	1/20 (Exceedance)	30.6	31.2	49.0	47.7	54.8	39.6	18.7	1.9	-	-	13.8	23.7	29.1	33.8
Canal C10 Command Area 91 ha	1/2	23.5	23.8	27.3	26.4	36.6	26.5	12.9	2.7	-	-	10.4	16.8	20.6	23.5
	1/5	23.9	24.2	28.8	27.9	37.5	27.2	14.9	4.7	-	-	10.5	16.9	20.8	23.7
	1/10	24.1	24.4	29.4	28.5	37.9	27.5	15.8	5.6	-	-	10.6	16.9	20.9	23.8
	1/20	24.3	24.6	29.9	29.0	38.2	27.7	16.4	6.2	-	-	10.6	17.0	21.0	23.9
	1/5 (Exceedance)	22.8	23.1	25.2	24.3	35.3	25.4	9.9	-	-	-	10.3	16.6	20.2	23.1
	1/10 (Exceedance)	22.4	22.7	23.8	22.9	34.4	24.7	8.1	-	-	-	10.2	16.5	20.0	22.9
	1/20 (Exceedance)	21.9	22.2	22.5	21.6	33.5	24.0	6.4	-	-	-	10.1	16.4	19.8	22.7
Canal C15 Command Area 15 ha	1/2	4.2	4.2	4.8	4.7	6.3	4.6	2.3	0.5	-	-	1.8	2.9	3.6	4.1
	1/5	4.2	4.3	5.1	4.9	6.5	4.7	2.7	0.8	-	-	1.8	2.9	3.6	4.2
	1/10	4.3	4.4	5.2	5.0	6.5	4.7	2.8	1.0	-	-	1.8	2.9	3.6	4.2
	1/20	4.3	4.4	5.3	5.1	6.6	4.8	2.9	1.1	-	-	1.8	2.9	3.6	4.2
	1/5 (Exceedance)	4.0	4.1	4.5	4.3	6.1	4.4	1.8	-	-	-	1.7	2.9	3.5	4.1
	1/10 (Exceedance)	4.0	4.0	4.2	4.0	5.9	4.3	1.5	-	-	-	1.7	2.8	3.5	4.0
	1/20 (Exceedance)	3.9	4.0	4.0	3.8	5.7	4.1	1.2	-	-	-	1.7	2.8	3.4	4.0

Water Requirement (4/36)

(Case B & AB unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	7.2	7.3	8.9	8.6	11.6	8.3	4.3	1.2	-	46.2	39.2	26.9	22.9	9.6	8.8	7.9	10.8	9.2	4.9	-	3.3	5.2	6.4	7.3
	1/5	7.4	7.5	9.3	9.0	11.9	8.6	4.9	1.8	-	47.3	40.8	28.5	24.2	10.8	10.0	9.0	12.4	10.8	5.5	-	3.3	5.3	6.5	7.4
	1/10	7.5	7.5	9.4	9.2	12.0	8.7	5.1	2.0	-	47.8	41.6	29.4	24.9	11.5	10.7	9.7	13.1	11.6	5.7	-	3.3	5.3	6.5	7.4
	1/20	7.5	7.6	9.6	9.3	12.1	8.7	5.3	2.2	-	48.2	42.2	30.0	25.5	12.2	11.3	10.3	13.7	12.1	5.9	-	3.3	5.3	6.6	7.4
	1/5 (Exceedance)	7.0	7.1	8.2	8.0	11.1	8.0	3.3	0.2	-	44.5	37.4	25.1	22.1	8.8	8.2	7.4	8.7	7.2	4.0	-	3.2	5.2	6.3	7.2
	1/10 (Exceedance)	6.8	6.9	7.8	7.6	10.9	7.8	2.8	-	-	43.5	36.7	24.4	22.5	9.1	8.8	7.9	7.6	6.2	3.4	-	3.2	5.1	6.2	7.1
	1/20 (Exceedance)	6.7	6.8	7.4	7.2	10.6	7.6	2.2	-	-	42.5	36.5	24.2	22.6	10.2	10.2	9.2	6.8	5.4	2.8	-	3.1	5.1	6.1	7.0
Canal C19 Command Area 40 ha	1/2	10.3	10.5	12.7	12.4	16.7	12.2	6.4	1.7	-	62.8	53.3	36.8	31.2	13.1	12.0	10.7	14.8	12.6	6.7	-	4.5	7.4	9.1	10.4
	1/5	10.5	10.7	13.3	12.9	17.1	12.5	7.3	2.6	-	64.3	55.5	39.0	33.0	14.9	13.7	12.3	17.0	14.8	7.4	-	4.6	7.5	9.2	10.5
	1/10	10.6	10.8	13.5	13.2	17.2	12.6	7.6	2.9	-	65.1	56.7	40.2	34.0	15.9	14.6	13.2	18.0	15.8	7.8	-	4.6	7.5	9.2	10.5
	1/20	10.7	10.9	13.7	13.4	17.4	12.8	7.9	3.2	-	65.6	57.5	41.0	34.8	16.7	15.5	14.1	18.8	16.6	8.1	-	4.6	7.5	9.3	10.6
	1/5 (Exceedance)	10.0	10.1	11.8	11.5	16.1	11.7	5.1	0.3	-	60.5	50.7	34.2	30.1	12.0	11.2	10.0	11.7	9.8	5.5	-	4.5	7.3	8.9	10.2
	1/10 (Exceedance)	9.8	9.9	11.2	10.9	15.7	11.4	4.2	-	-	59.0	49.9	33.3	30.6	12.5	12.0	10.7	10.4	8.4	4.6	-	4.4	7.2	8.8	10.1
	1/20 (Exceedance)	9.5	9.7	10.7	10.3	15.2	11.0	3.4	-	-	57.6	49.5	32.9	32.2	14.1	13.9	12.5	9.3	7.3	3.8	-	4.3	7.2	8.7	10.0
Canal C20 Command Area 27 ha	1/2	6.7	6.8	8.2	8.0	10.6	7.6	3.9	1.1	-	42.9	36.4	25.0	21.3	8.9	8.2	7.3	10.1	8.6	4.6	-	3.0	4.8	5.9	6.8
	1/5	6.9	6.9	8.6	8.3	10.8	7.8	4.5	1.6	-	43.9	37.9	26.5	22.5	10.1	9.3	8.4	11.5	10.1	5.1	-	3.0	4.9	6.0	6.8
	1/10	6.9	7.0	8.7	8.5	11.0	7.9	4.7	1.8	-	44.4	38.7	27.3	23.1	10.7	9.9	9.0	12.2	10.7	5.3	-	3.1	4.9	6.0	6.9
	1/20	7.0	7.0	8.9	8.6	11.0	7.9	4.9	2.0	-	44.8	39.3	27.9	23.7	11.3	10.5	9.6	12.7	11.3	5.5	-	3.1	4.9	6.1	6.9
	1/5 (Exceedance)	6.5	6.6	7.6	7.4	10.2	7.3	3.1	0.2	-	41.4	34.7	23.4	20.5	8.1	7.6	6.8	8.0	6.7	3.7	-	2.9	4.8	5.8	6.6
	1/10 (Exceedance)	6.4	6.4	7.3	7.0	9.9	7.1	2.5	-	-	40.4	34.1	22.7	20.9	8.5	8.2	7.3	7.1	5.7	3.2	-	2.9	4.7	5.7	6.6
	1/20 (Exceedance)	6.2	6.3	6.9	6.6	9.7	6.9	2.0	-	-	39.4	33.9	22.5	21.9	9.5	9.5	8.6	6.4	5.0	2.6	-	2.9	4.7	5.7	6.5
Canal C21 Command Area 24 ha	1/2	5.7	5.8	7.0	6.8	9.3	6.8	3.6	1.0	-	36.3	30.8	21.2	18.0	7.6	6.9	6.2	8.5	7.3	3.9	-	2.5	4.1	5.0	5.7
	1/5	5.8	5.9	7.3	7.1	9.5	7.0	4.1	1.4	-	37.2	32.1	22.5	19.0	8.6	7.9	7.1	9.8	8.5	4.3	-	2.6	4.2	5.1	5.8
	1/10	5.8	5.9	7.5	7.3	9.6	7.1	4.3	1.6	-	37.6	32.8	23.2	19.6	9.1	8.4	7.7	10.4	9.1	4.5	-	2.6	4.2	5.1	5.8
	1/20	5.9	6.0	7.6	7.4	9.7	7.2	4.4	1.8	-	37.9	33.3	23.7	20.1	9.6	8.9	8.1	10.8	9.6	4.7	-	2.6	4.2	5.1	5.8
	1/5 (Exceedance)	5.5	5.6	6.5	6.3	9.0	6.6	2.8	0.2	-	35.0	29.4	19.8	17.4	6.9	6.5	5.8	6.8	5.6	3.2	-	2.5	4.1	4.9	5.6
	1/10 (Exceedance)	5.4	5.4	6.2	6.0	8.8	6.4	2.3	-	-	34.2	28.9	19.2	17.7	7.2	6.9	6.2	6.0	4.8	2.7	-	2.5	4.0	4.9	5.6
	1/20 (Exceedance)	5.2	5.3	5.9	5.7	8.5	6.2	1.9	-	-	33.4	28.7	19.0	18.6	8.1	8.0	7.3	5.4	4.2	2.2	-	2.4	4.0	4.8	5.5
Canal C22 Command Area 28 ha	1/2	7.2	7.3	8.9	8.6	11.6	8.3	4.3	1.2	-	44.5	37.8	26.0	22.1	9.2	8.5	7.6	10.4	8.9	4.7	-	3.3	5.2	6.4	7.3
	1/5	7.4	7.5	9.3	9.0	11.9	8.6	4.9	1.8	-	45.6	39.3	27.5	23.3	10.4	9.6	8.7	12.0	10.4	5.3	-	3.3	5.3	6.5	7.4
	1/10	7.5	7.5	9.4	9.2	12.0	8.7	5.1	2.0	-	46.1	40.1	28.3	24.0	11.1	10.3	9.4	12.7	11.1	5.5	-	3.3	5.3	6.5	7.4
	1/20	7.5	7.6	9.6	9.3	12.1	8.7	5.3	2.2	-	46.5	40.7	28.9	24.6	11.7	10.9	10.0	13.2	11.7	5.7	-	3.3	5.3	6.6	7.4
	1/5 (Exceedance)	7.0	7.1	8.2	8.0	11.1	8.0	3.3	0.2	-	42.9	36.0	24.2	21.3	8.5	7.9	7.1	8.3	6.9	3.9	-	3.2	5.2	6.3	7.2
	1/10 (Exceedance)	6.8	6.9	7.8	7.6	10.9	7.8	2.8	-	-	41.9	35.4	23.6	21.7	8.8	8.5	7.6	7.4	5.9	3.3	-	3.2	5.1	6.2	7.1
	1/20 (Exceedance)	6.7	6.8	7.4	7.2	10.6	7.6	2.2	-	-	40.9	35.2	23.3	22.7	9.9	9.8	8.9	6.6	5.2	2.7	-	3.1	5.1	6.1	7.0

Water Requirement (5/36)

Diversification 5 % (Case D-1 & AD-1 unit : 1/s)

Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Canal C1												
Command	26.7	27.5	39.9	38.7	45.3	34.3	23.9	9.2	183.8	161.6	116.8	101.4
Area	27.4	28.2	40.8	39.6	46.2	35.0	25.6	11.0	187.9	168.2	123.3	108.7
61 ha	27.7	28.5	41.1	40.0	46.7	35.4	26.4	11.7	189.4	171.1	126.2	111.9
	27.9	28.8	41.4	40.2	47.0	35.6	26.9	12.3	190.6	173.2	128.4	114.2
1/5 (Exceedance)	25.2	26.0	38.3	37.1	43.4	32.8	20.6	5.9	176.4	150.2	105.3	90.8
1/10 (Exceedance)	24.2	25.0	37.1	35.9	42.1	31.7	18.1	3.5	171.6	144.1	99.3	86.3
1/20 (Exceedance)	23.2	24.0	36.0	34.8	40.8	30.6	15.6	0.9	166.7	139.8	94.8	84.2
Canal C2												
Command	133.3	137.4	199.6	193.7	226.4	171.2	119.2	46.0	903.5	794.2	574.0	498.3
Area	137.0	141.1	203.9	198.0	231.3	175.2	128.0	54.8	923.4	826.6	606.3	534.2
300 ha	138.6	142.7	205.7	199.8	233.4	176.8	131.8	58.6	931.1	840.7	620.5	549.9
1/5 (Exceedance)	139.7	143.8	207.0	201.1	234.9	178.0	134.5	61.3	936.7	851.4	631.1	561.6
1/10 (Exceedance)	126.1	130.2	191.3	185.4	217.0	163.7	102.8	29.6	866.8	738.0	517.7	446.4
1/20 (Exceedance)	121.1	125.2	185.6	179.7	210.6	158.6	90.5	17.3	843.3	708.3	488.1	423.9
Canal C3												
Command	63.5	65.5	97.5	94.6	108.1	81.5	57.9	23.1	436.5	385.5	279.6	244.8
Area	65.4	67.3	99.3	96.4	110.4	83.3	61.9	27.2	445.7	400.8	294.9	261.7
144 ha	66.2	68.1	100.1	97.2	111.4	84.1	63.6	28.9	449.2	407.5	301.6	269.1
1/5 (Exceedance)	59.8	61.8	93.9	91.0	103.5	77.8	50.2	15.4	451.8	412.3	306.3	274.4
1/10 (Exceedance)	57.2	59.1	91.3	88.4	100.3	75.3	44.3	9.5	418.6	357.8	251.8	218.1
1/20 (Exceedance)	54.5	56.4	88.7	85.8	96.9	72.6	38.2	3.5	407.1	342.7	236.8	205.9
Canal C10												
Command	41.9	43.1	49.5	47.6	64.8	48.4	26.1	4.9	395.4	331.4	225.3	199.5
Area	42.7	43.9	52.1	50.2	66.4	49.7	29.7	8.5	444.2	385.5	269.1	242.2
91 ha	43.0	44.2	53.2	51.3	67.1	50.2	31.3	10.1	450.9	391.4	275.3	250.9
1/5 (Exceedance)	43.3	44.5	54.0	52.1	67.7	50.7	32.5	11.2	456.6	397.1	281.1	256.6
1/10 (Exceedance)	40.7	41.9	45.6	43.7	62.3	46.5	20.7		434.4	370.7	262.2	220.9
1/20 (Exceedance)	39.9	41.1	43.2	41.3	60.8	45.3	17.5		440.0	379.9	271.1	227.7
Canal C15												
Command	39.1	40.3	40.8	38.9	59.1	44.0	14.4		223.3	194.1	129.9	133.7
Area	7.4	7.7	8.8	8.4	11.1	8.4	4.7	0.8	42.2	35.5	24.7	20.9
16 ha	7.6	7.8	9.2	8.9	11.4	8.6	5.3	1.5	43.4	37.0	26.2	22.0
1/5 (Exceedance)	7.6	7.9	9.4	9.0	11.6	8.7	5.6	1.7	44.0	37.9	27.1	22.7
1/10 (Exceedance)	7.7	7.9	9.6	9.2	11.7	8.7	5.8	1.9	44.4	38.6	27.8	23.3
1/20 (Exceedance)	7.2	7.5	8.1	7.7	10.7	8.0	3.8		40.5	33.9	23.0	20.7
1/5 (Exceedance)	7.1	7.3	7.6	7.3	10.4	7.8	3.2		39.4	33.5	22.5	21.5
1/10 (Exceedance)	6.9	7.2	7.2	6.8	10.1	7.6	2.7		38.5	33.5	22.5	23.2
1/20 (Exceedance)												

Water Requirement (6/36)

Diversification S % (Case D-1 & AD-1 unit : 1/4)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C18 Command Area 29 ha	1/2	12.9	13.2	16.1	15.5	20.5	15.3	8.6	2.1	79.5	67.3	46.8	39.7	16.9	15.3	13.5	18.8	15.9	8.4	5.2	8.8	11.0	12.8
	1/5	13.2	13.5	16.8	16.2	21.0	15.7	9.7	3.2	81.6	70.3	49.8	42.0	19.2	17.5	15.5	21.8	18.8	9.4	5.3	8.9	11.1	13.0
	1/10	13.3	13.6	17.1	16.5	21.2	15.8	10.1	3.6	82.5	71.9	51.4	43.4	20.6	18.8	16.8	23.2	20.2	9.8	5.3	9.0	11.2	13.0
	1/20	13.4	13.7	17.3	16.8	21.4	16.0	10.5	4.0	83.3	73.0	52.6	44.5	21.7	20.0	17.9	24.2	21.3	10.2	5.3	9.0	11.2	13.1
	1/5 (Exceedance)	12.5	12.8	14.9	14.4	19.7	14.7	6.9	0.4	76.4	63.9	43.5	38.2	15.4	14.2	12.6	14.8	12.3	6.9	5.1	8.7	10.8	12.6
	1/10 (Exceedance)	12.2	12.5	14.2	13.6	19.2	14.3	5.9		74.4	62.8	42.2	38.8	16.0	15.3	13.0	10.5	5.8		5.0	8.6	10.6	12.5
	1/20 (Exceedance)	11.9	12.2	13.5	12.9	18.7	13.8	4.9		72.6	62.4	41.7	41.0	18.2	17.9	15.8	11.7	9.2	4.7	5.0	8.6	10.5	12.3
	1/5	18.4	19.0	23.1	22.3	29.5	22.3	12.8	3.1	108.1	91.5	63.9	54.1	23.1	20.9	18.3	25.7	21.6	11.4	7.3	12.5	15.6	18.2
	1/10	18.8	19.3	24.1	23.3	30.2	22.8	14.4	4.6	111.0	95.7	68.1	57.4	26.4	24.0	21.0	29.8	25.7	12.7	7.3	12.6	15.7	18.4
	1/20	19.0	19.5	24.5	23.7	30.5	23.1	15.0	5.3	112.4	97.8	70.3	59.3	28.3	25.8	22.9	31.8	27.6	13.3	7.4	12.7	15.8	18.5
Canal C19 Command Area 40 ha	1/20	19.1	19.6	24.8	24.0	30.8	23.3	15.5	5.8	113.4	99.5	71.9	60.9	29.9	27.4	24.4	33.2	29.1	13.8	7.4	12.7	15.9	18.6
	1/5 (Exceedance)	17.8	18.3	21.4	20.6	28.4	21.4	10.4	0.6	103.8	86.8	59.2	52.0	21.0	19.4	17.1	20.1	16.7	9.4	7.1	12.3	15.2	17.9
	1/10 (Exceedance)	17.4	17.9	20.4	19.6	27.7	20.8	8.8		101.0	85.2	57.4	52.9	22.0	20.8	18.3	17.7	14.3	7.9	7.0	12.2	15.0	17.7
	1/20 (Exceedance)	17.0	17.5	19.3	18.5	26.9	20.2	7.4		98.5	84.7	56.7	55.9	24.9	24.5	21.5	15.9	12.5	6.4	6.9	12.1	14.8	17.5
	1/2	12.0	12.3	14.9	14.3	18.7	13.9	7.9	1.9	73.8	62.5	43.5	36.9	15.7	14.2	12.5	17.5	14.8	7.8	4.8	8.1	10.1	11.9
	1/5	12.2	12.6	15.5	15.0	19.2	14.3	8.9	2.9	75.8	65.3	46.3	39.1	17.9	16.3	14.4	20.3	17.5	8.7	4.8	8.2	10.3	12.0
	1/10	12.3	12.7	15.8	15.3	19.4	14.4	9.3	3.3	76.7	66.8	47.8	40.3	19.2	17.5	15.6	21.5	18.8	9.1	4.8	8.2	10.3	12.1
	1/20	12.4	12.7	16.0	15.5	19.5	14.5	9.6	3.6	77.4	67.9	48.9	41.4	20.2	18.6	16.6	22.5	19.8	9.4	4.9	8.2	10.4	12.1
	1/5 (Exceedance)	11.6	11.9	13.8	13.3	18.0	13.3	6.4	0.4	70.9	59.4	40.4	35.5	14.3	13.2	11.7	13.7	11.4	6.4	4.7	8.0	9.9	11.7
	1/10 (Exceedance)	11.3	11.6	13.1	12.6	17.5	13.0	5.4		69.1	58.3	39.2	36.1	14.9	14.2	12.5	12.1	9.8	5.4	4.6	7.9	9.8	11.5
Canal C21 Command Area 23 ha	1/20 (Exceedance)	11.1	11.4	12.5	11.9	17.0	12.6	4.5		67.4	57.9	38.7	38.1	16.9	16.6	14.7	10.9	8.5	4.4	4.5	7.9	9.7	11.4
	1/2	10.1	10.4	12.7	12.3	16.5	12.5	7.2	1.7	62.5	52.9	36.9	31.3	13.3	12.1	10.6	14.9	12.5	6.6	4.0	6.9	8.6	10.1
	1/5	10.3	10.6	13.3	12.9	16.9	12.8	8.0	2.6	64.2	55.3	39.3	33.1	15.2	13.8	12.2	17.2	14.9	7.4	4.1	7.0	8.7	10.2
	1/10	10.4	10.7	13.5	13.1	17.1	13.0	8.4	3.0	65.0	56.6	40.6	34.2	16.3	14.9	13.2	18.3	16.0	7.7	4.1	7.0	8.8	10.2
	1/20	10.5	10.8	13.7	13.3	17.2	13.1	8.7	3.2	65.6	57.5	41.5	35.1	17.2	15.8	14.1	19.1	16.8	8.0	4.1	7.0	8.8	10.3
	1/5 (Exceedance)	9.8	10.1	11.8	11.4	15.9	12.0	5.8	0.3	60.1	50.2	34.2	30.1	12.1	11.2	9.9	11.6	9.7	5.4	4.0	6.8	8.4	9.9
	1/10 (Exceedance)	9.6	9.9	11.2	10.8	15.5	11.7	4.9		58.5	49.4	33.2	30.6	12.7	12.0	10.6	10.3	8.3	4.6	3.9	6.8	8.3	9.8
	1/20 (Exceedance)	9.3	9.6	10.7	10.3	15.1	11.4	4.1		57.1	49.0	32.8	32.3	14.4	14.1	12.5	9.2	7.2	3.7	3.9	6.7	8.2	9.6
	1/2	12.9	13.2	16.1	15.5	20.5	15.3	8.6	2.1	76.6	64.9	45.2	38.3	16.3	14.8	13.0	18.2	15.3	8.1	5.2	8.9	11.0	12.8
	1/5	13.2	13.5	16.8	16.2	21.0	15.6	9.7	3.2	78.7	67.8	48.1	40.6	18.6	16.9	14.9	21.0	18.2	9.0	5.3	8.9	11.2	13.0
Canal C22 Command Area 28 ha	1/10	13.3	13.6	17.1	16.5	21.2	15.8	10.1	3.6	79.6	69.3	49.6	41.9	19.9	18.2	16.2	22.4	19.5	9.5	5.3	9.0	11.2	13.0
	1/20	13.4	13.7	17.3	16.8	21.4	16.0	10.4	4.0	80.3	70.4	50.7	43.0	21.0	19.3	17.3	23.4	20.5	9.8	5.3	9.0	11.3	13.1
	1/5 (Exceedance)	12.5	12.8	14.9	14.4	19.7	14.7	6.9	0.4	73.7	61.6	41.9	36.8	14.8	13.7	12.1	14.3	11.8	6.6	5.1	8.7	10.8	12.6
	1/10 (Exceedance)	12.2	12.5	14.2	13.6	19.2	14.3	5.9		71.8	60.6	40.7	37.5	15.5	14.7	13.0	12.6	10.2	5.6	5.1	8.7	10.6	12.5
	1/20 (Exceedance)	11.9	12.2	13.5	12.9	18.7	13.8	4.9		70.0	60.2	40.2	39.5	17.5	17.3	15.3	11.3	8.9	4.6	5.0	8.6	10.5	12.3

Water Requirement (7/36)

Diversification 5 % (Case BD-I & ABD-I unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C1 Command Area 61 ha	1/2	14.8	15.3	22.2	21.5	25.1	19.0	13.3	5.1	102.1	89.8	64.9	56.3	28.4	30.3	27.7	32.4	28.8	9.6	5.8	10.1	12.7	14.9
	1/5	15.2	15.7	22.7	22.0	25.7	19.5	14.2	6.1	104.4	93.4	68.5	60.4	32.5	34.1	31.5	35.3	31.7	11.0	5.9	10.2	12.9	15.1
	1/10	15.4	15.9	22.9	22.2	25.9	19.7	14.7	6.5	105.2	95.0	70.1	62.1	34.3	35.7	33.1	36.6	33.0	11.6	5.9	10.3	13.0	15.2
	1/20	15.5	16.0	23.0	22.3	26.1	19.8	15.0	6.8	105.9	96.2	71.3	63.5	35.6	36.9	34.3	37.6	33.9	12.0	6.0	10.3	13.0	15.3
	1/5 (Exceedance)	14.0	14.5	21.3	20.6	24.1	18.2	11.4	3.3	98.0	83.4	58.5	50.5	22.6	24.0	21.4	27.0	23.4	7.0	5.5	9.8	12.3	14.5
Canal C2 Command Area 300 ha	1/10 (Exceedance)	13.4	13.9	20.6	20.0	23.4	17.6	10.1	1.9	95.3	80.1	55.2	47.9	20.0	20.8	18.2	23.5	19.8	5.2	5.4	9.6	12.0	14.2
	1/20 (Exceedance)	12.9	13.3	20.0	19.3	22.6	17.0	8.7	0.5	92.6	77.7	52.7	46.8	18.9	18.5	16.3	20.0	16.7	3.3	5.2	9.4	11.6	13.9
	1/2	74.0	76.3	110.9	107.6	125.8	95.1	66.2	25.6	501.9	441.2	318.9	276.8	139.8	149.2	136.4	159.5	141.5	47.4	28.9	50.4	63.5	74.7
	1/5	76.1	78.4	113.3	110.0	128.5	97.3	71.1	30.5	513.0	459.2	336.8	296.8	159.8	167.5	154.7	173.7	155.7	54.0	29.5	51.2	64.5	75.8
	1/10	77.0	79.3	114.3	111.0	129.7	98.2	73.2	32.5	517.3	467.1	344.7	305.5	168.5	175.5	162.7	180.0	162.0	56.8	29.7	51.5	65.0	76.2
Canal C9 Command Area 144 ha	1/20	77.6	79.9	115.0	111.7	130.5	98.9	74.7	34.1	520.4	473.0	350.6	312.0	175.0	181.5	168.7	184.8	166.8	58.9	29.9	51.7	65.3	76.5
	1/5 (Exceedance)	70.0	72.3	106.3	103.0	120.6	91.0	57.1	16.5	481.5	410.0	287.6	248.0	111.0	118.0	105.1	132.9	114.9	34.6	27.7	49.0	61.3	72.6
	1/10 (Exceedance)	67.3	69.5	103.1	99.8	117.0	88.1	50.3	9.6	468.5	393.5	271.2	235.5	98.5	102.1	89.4	115.4	97.4	25.4	26.9	48.0	59.8	71.1
	1/20 (Exceedance)	64.4	66.7	99.9	96.6	113.2	85.1	43.3	2.6	455.1	381.7	258.9	230.0	93.0	90.9	80.0	98.4	81.9	16.0	26.0	46.8	58.2	69.4
	1/2	35.3	36.4	54.2	52.5	60.0	45.3	32.1	12.8	242.5	214.2	155.3	136.0	70.2	76.7	70.5	79.4	70.8	22.3	13.8	24.0	30.3	35.7
Canal C10 Command Area 91 ha	1/5	36.3	37.4	55.2	53.6	61.4	46.3	34.4	15.1	247.6	222.7	163.8	145.4	79.5	85.1	79.0	86.1	77.4	25.6	14.1	24.4	30.9	36.3
	1/10	36.8	37.8	55.6	54.0	61.9	46.7	35.3	16.0	249.6	226.4	167.5	149.5	83.6	88.8	82.6	89.0	80.4	26.9	14.2	24.6	31.1	36.5
	1/20	37.1	38.2	55.9	54.3	62.3	47.0	36.0	16.7	251.0	229.1	170.2	152.4	86.6	91.4	85.2	91.2	82.6	27.9	14.3	24.7	31.2	36.6
	1/5 (Exceedance)	33.2	34.3	52.2	50.5	57.5	43.2	27.9	8.6	232.6	198.8	139.9	121.2	55.3	61.3	55.1	66.8	58.2	15.8	13.1	23.3	29.2	34.6
	1/10 (Exceedance)	31.8	32.9	50.7	49.1	55.7	41.8	24.6	5.3	226.2	190.4	131.5	114.4	48.5	52.9	46.7	58.4	49.8	11.0	12.7	22.7	28.4	33.8
Canal C10 Command Area 91 ha	1/20 (Exceedance)	30.3	31.4	49.3	47.7	53.8	40.3	21.2	1.9	219.7	184.1	125.2	110.8	45.0	46.3	40.6	50.0	41.6	6.3	12.2	22.1	27.6	33.0
	1/2	23.3	23.9	27.5	26.4	36.0	26.9	14.5	2.7	135.7	114.2	79.0	67.2	27.8	24.9	22.0	29.4	24.5	14.8	9.2	15.7	19.6	22.9
	1/5	23.7	24.4	28.9	27.9	36.9	27.6	16.5	4.7	139.4	119.1	83.9	70.5	31.2	27.6	24.2	34.8	29.7	16.4	9.3	15.8	19.8	23.2
	1/10	23.9	24.6	29.6	28.5	37.3	27.9	17.4	5.6	141.2	121.8	86.6	72.7	33.3	29.5	25.8	37.3	32.2	17.2	9.3	15.9	19.9	23.3
	1/20	24.0	24.7	30.0	29.0	37.6	28.1	18.0	6.2	142.6	124.0	88.8	74.6	35.2	31.3	27.6	39.3	34.1	17.8	9.4	15.9	20.0	23.3
Canal C15 Command Area 16 ha	1/5 (Exceedance)	22.6	23.3	25.3	24.3	34.6	25.8	11.5		130.2	109.3	73.9	66.4	27.1	25.9	22.8	23.4	19.1	12.4	9.1	15.6	19.2	22.6
	1/10 (Exceedance)	22.2	22.8	24.0	22.9	33.8	25.2	9.7		126.8	107.9	72.3	69.0	29.7	30.1	26.4	20.9	16.5	10.7	9.0	15.5	19.0	22.4
	1/20 (Exceedance)	21.7	22.4	22.7	21.6	32.8	24.4	8.0		124.1	107.8	72.2	74.3	34.9	37.3	33.6	19.0	14.7	9.0	8.9	15.3	18.8	22.1
	1/2	4.1	4.3	4.9	4.7	6.2	4.6	2.6	0.5	23.4	19.7	13.7	11.6	4.8	4.3	3.8	5.1	4.2	2.5	1.5	2.7	3.4	4.0
	1/5	4.2	4.5	5.1	4.9	6.4	4.8	3.0	0.8	24.1	20.6	14.6	12.2	5.4	4.8	4.2	6.1	5.1	2.8	1.6	2.7	3.4	4.1
Canal C15 Command Area 16 ha	1/10	4.2	4.4	5.2	5.0	6.4	4.8	3.1	1.0	24.4	21.1	15.1	12.6	5.8	5.1	4.5	6.5	5.6	3.0	1.6	2.7	3.5	4.1
	1/20	4.3	4.4	5.3	5.1	6.5	4.9	3.2	1.1	24.7	21.5	15.4	13.0	6.2	5.5	4.8	6.9	5.9	3.1	1.6	2.7	3.5	4.1
	1/5 (Exceedance)	4.0	4.1	4.5	4.3	6.0	4.5	2.1		22.5	18.8	12.8	11.5	4.7	4.5	3.9	4.0	3.3	2.1	1.5	2.7	3.3	4.0
	1/10 (Exceedance)	3.9	4.1	4.2	4.0	5.8	4.3	1.8		21.9	18.6	12.5	12.0	5.2	5.2	4.6	3.6	2.8	1.8	1.5	2.7	3.3	3.9
	1/20 (Exceedance)	3.8	4.0	4.0	3.8	5.6	4.2	1.5		21.4	18.6	12.5	12.9	6.1	6.5	5.8	3.3	2.5	1.6	1.5	2.6	3.3	3.9

Water Requirement (8/36)

Diversification 5 % (Case BD-1 & ABD-1 unit : Us)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C18 Command Area 29 ha	1/2	7.2	7.4	8.9	8.6	11.4	8.5	4.8	1.2	44.2	37.4	26.0	22.0	9.4	8.5	7.5	10.5	8.8	4.7	2.9	4.9	6.1	7.1
	1/5	7.3	7.5	9.3	9.0	11.6	8.7	5.4	1.8	45.3	39.1	27.7	23.4	10.7	9.7	8.6	12.1	10.5	5.2	2.9	5.0	6.2	7.2
	1/10	7.4	7.6	9.5	9.2	11.8	8.8	5.6	2.0	45.9	39.9	28.6	24.1	11.4	10.5	9.3	12.9	11.2	5.5	2.9	5.0	6.2	7.2
	1/20	7.4	7.6	9.6	9.3	11.9	8.9	5.8	2.2	46.3	40.6	29.2	24.7	12.1	11.1	9.9	13.4	11.8	5.6	3.0	5.0	6.2	7.3
	1/5 (Exceedance)	6.9	7.1	8.3	8.0	10.9	8.1	3.9	0.2	42.4	35.5	24.1	21.2	8.5	7.9	7.0	8.2	6.8	3.8	2.8	4.8	6.0	7.0
	1/10 (Exceedance)	6.8	7.0	7.9	7.6	10.7	7.9	3.3		41.3	34.9	23.4	21.6	8.9	8.5	7.5	7.2	5.9	3.2	2.8	4.8	5.9	6.9
	1/20 (Exceedance)	6.6	6.8	7.5	7.2	10.4	7.7	2.7		40.3	34.7	23.1	22.8	10.1	9.9	8.8	6.5	5.1	2.6	2.8	4.8	5.8	6.8
Canal C19 Command Area 40 ha	1/2	10.2	10.5	12.8	12.4	16.4	12.4	7.1	1.7	60.0	50.8	35.5	30.1	12.9	11.6	10.2	14.3	12.0	6.3	4.0	6.9	8.6	10.1
	1/5	10.4	10.7	13.4	12.9	16.8	12.7	8.0	2.6	61.7	53.1	37.8	31.9	14.7	13.3	11.7	16.6	14.3	7.1	4.1	7.0	8.7	10.2
	1/10	10.5	10.8	13.6	13.2	17.0	12.8	8.3	2.9	62.4	54.4	39.0	32.9	15.7	14.3	12.7	17.6	15.4	7.4	4.1	7.0	8.8	10.3
	1/20	10.6	10.9	13.8	13.4	17.1	12.9	8.6	3.2	63.0	55.3	39.9	33.8	16.6	15.2	13.6	18.4	16.2	7.7	4.1	7.0	8.8	10.3
	1/5 (Exceedance)	9.9	10.2	11.9	11.5	15.8	11.9	5.8	0.3	57.7	48.2	32.9	28.9	11.7	10.8	9.5	11.2	9.3	5.2	4.0	6.8	8.5	10.0
	1/10 (Exceedance)	9.7	10.0	11.3	10.9	15.4	11.6	4.9		56.1	47.4	31.9	29.4	12.2	11.6	10.2	9.8	7.9	4.4	3.9	6.8	8.3	9.8
	1/20 (Exceedance)	9.4	9.7	10.7	10.3	15.0	11.2	4.1		54.7	47.0	31.5	31.0	13.8	13.6	12.0	8.8	6.9	3.6	3.8	6.7	8.2	9.7
Canal C20 Command Area 27 ha	1/2	6.7	6.8	8.3	8.0	10.4	7.7	4.4	1.1	41.0	34.7	24.2	20.5	8.7	7.9	7.0	9.7	8.2	4.3	2.6	4.5	5.6	6.6
	1/5	6.8	7.0	8.6	8.3	10.6	7.9	4.9	1.6	42.1	36.3	25.7	21.7	9.9	9.1	8.0	11.3	9.7	4.8	2.7	4.6	5.7	6.7
	1/10	6.9	7.0	8.8	8.5	10.8	8.0	5.2	1.8	42.6	37.1	26.5	22.4	10.6	9.7	8.7	12.0	10.4	5.1	2.7	4.6	5.7	6.7
	1/20	6.9	7.1	8.9	8.6	10.8	8.1	5.3	2.0	43.0	37.7	27.2	23.0	11.2	10.3	9.2	12.5	11.0	5.2	2.7	4.6	5.8	6.7
	1/5 (Exceedance)	6.4	6.6	7.7	7.4	10.0	7.4	3.5	0.2	39.4	33.0	22.4	19.7	7.9	7.3	6.5	7.6	6.3	3.6	2.6	4.5	5.5	6.5
	1/10 (Exceedance)	6.3	6.5	7.3	7.0	9.7	7.2	3.0		38.4	32.4	21.8	20.1	8.3	7.9	6.9	6.7	5.4	3.0	2.6	4.4	5.4	6.4
	1/20 (Exceedance)	6.1	6.3	6.9	6.6	9.5	7.0	2.5		37.5	32.2	21.5	21.1	9.4	9.2	8.2	6.0	4.7	2.4	2.5	4.4	5.4	6.3
Canal C21 Command Area 23 ha	1/2	5.6	5.8	7.1	6.8	9.2	7.0	4.0	1.0	34.7	29.4	20.5	17.4	7.4	6.7	5.9	8.3	6.9	3.7	2.2	3.9	4.8	5.6
	1/5	5.7	5.9	7.4	7.1	9.4	7.1	4.5	1.4	35.7	30.7	21.8	18.4	8.5	7.7	6.8	9.6	8.3	4.1	2.3	3.9	4.8	5.7
	1/10	5.8	6.0	7.5	7.3	9.5	7.2	4.7	1.6	36.1	31.4	22.5	19.0	9.1	8.3	7.3	10.2	8.9	4.3	2.3	3.9	4.9	5.7
	1/20	5.8	6.0	7.6	7.4	9.6	7.3	4.8	1.8	36.4	31.9	23.1	19.5	9.6	8.8	7.8	10.6	9.3	4.4	2.3	3.9	4.9	5.7
	1/5 (Exceedance)	5.4	5.6	6.6	6.3	8.8	6.7	3.2	0.2	33.4	27.9	19.0	16.7	6.7	6.2	5.5	6.5	5.4	3.0	2.2	3.8	4.7	5.5
	1/10 (Exceedance)	5.3	5.5	6.2	6.0	8.6	6.5	2.7		32.5	27.4	18.4	17.0	7.0	6.7	5.9	5.7	4.6	2.5	2.2	3.8	4.6	5.4
	1/20 (Exceedance)	5.2	5.4	5.9	5.7	8.4	6.3	2.3		31.7	27.2	18.2	17.9	8.0	7.9	6.9	5.1	4.0	2.1	2.1	3.7	4.5	5.4
Canal C22 Command Area 28 ha	1/2	7.2	7.4	8.9	8.6	11.4	8.5	4.8	1.2	42.6	36.1	25.1	21.3	9.1	8.2	7.2	10.1	8.5	4.5	2.9	4.9	6.1	7.1
	1/5	7.3	7.5	9.3	9.0	11.7	8.7	5.4	1.8	43.7	37.7	26.7	22.5	10.3	9.4	8.3	11.7	10.1	5.0	2.9	5.0	6.2	7.2
	1/10	7.4	7.6	9.5	9.2	11.8	8.8	5.6	2.0	44.2	38.5	27.5	23.3	11.0	10.1	9.0	12.4	10.8	5.3	3.0	5.0	6.2	7.2
	1/20	7.4	7.6	9.6	9.3	11.9	8.9	5.8	2.2	44.6	39.1	28.2	23.9	11.7	10.7	9.6	13.0	11.4	5.4	3.0	5.0	6.3	7.3
	1/5 (Exceedance)	6.9	7.1	8.3	8.0	10.9	8.1	3.8	0.2	40.9	34.2	23.3	20.5	8.2	7.6	6.7	7.9	6.6	3.7	2.9	4.9	6.0	7.0
	1/10 (Exceedance)	6.8	7.0	7.9	7.6	10.7	7.9	3.3		39.9	33.7	22.6	20.8	8.6	8.2	7.2	7.0	5.6	3.1	2.8	4.8	5.9	6.9
	1/20 (Exceedance)	6.6	6.8	7.5	7.2	10.4	7.7	2.7		38.9	33.4	22.3	22.0	9.7	9.6	8.5	6.3	4.9	2.5	2.8	4.8	5.8	6.8

Water Requirement (9/36)

Diversification 10 % (Case D-2 & AD-2 unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C1 Command Area 61 ha	1/2	26.4	27.6	40.1	38.7	44.5	34.8	25.8	9.2	176.1	154.9	113.5	98.4	50.8	54.1	48.8	57.5	50.7	16.5	9.0	16.9	21.6	26.2
	1/5	27.1	28.4	41.0	39.6	45.5	35.6	27.6	11.0	180.3	161.7	120.3	105.9	58.4	61.1	55.7	62.9	56.1	18.7	9.2	17.2	22.0	26.6
	1/10	27.4	28.7	41.3	40.0	45.9	35.9	28.3	11.7	181.9	164.7	123.2	109.2	61.7	64.1	58.7	65.3	58.5	19.7	9.3	17.3	22.2	26.8
	1/20	27.7	28.9	41.6	40.2	46.2	36.1	28.9	12.3	183.0	166.9	125.5	111.7	64.1	66.4	61.0	67.1	60.3	20.4	9.3	17.3	22.3	26.9
	1/5 (Exceedance)	24.9	26.2	38.5	37.1	42.6	33.3	22.5	5.9	168.3	143.1	101.7	87.5	39.9	42.3	36.9	47.5	40.6	12.0	8.6	16.4	20.9	25.5
	1/10 (Exceedance)	23.9	25.2	37.3	35.9	41.3	32.2	20.1	3.5	163.4	136.9	95.4	82.8	35.2	36.3	31.0	40.9	34.0	8.8	8.4	16.0	20.3	24.9
	1/20 (Exceedance)	22.9	24.1	36.1	34.8	40.0	31.2	17.6	0.9	158.4	132.5	90.8	80.7	33.1	32.1	27.8	34.4	28.4	5.6	8.1	15.6	19.8	24.3
	1/2	132.0	138.1	200.5	193.7	222.6	173.8	128.8	46.0	865.3	761.3	557.8	483.6	250.0	266.2	239.7	282.9	249.4	80.8	45.3	84.7	108.4	131.2
	1/5	135.7	141.8	204.8	198.0	227.5	177.7	137.5	54.8	885.9	794.7	591.2	520.8	287.1	300.3	273.8	309.3	275.8	92.1	46.2	86.0	110.4	133.2
	1/10	137.2	143.4	206.6	199.8	229.6	179.3	141.3	58.6	893.8	809.4	605.9	537.0	303.3	315.1	288.7	321.0	287.5	96.9	46.6	86.6	111.1	133.9
Canal C2 Command Area 300 ha	1/20	138.3	144.5	207.9	201.1	231.1	180.5	144.0	61.3	899.6	820.4	616.9	549.1	315.4	326.3	299.8	330.0	296.5	100.4	46.9	86.9	111.7	134.5
	1/5 (Exceedance)	124.7	130.9	192.2	185.4	213.2	166.3	112.3	29.6	827.3	703.2	499.7	430.0	196.3	208.1	181.6	233.3	199.8	59.1	43.5	82.1	104.6	127.4
	1/10 (Exceedance)	119.7	125.9	186.5	179.7	206.8	161.1	100.0	17.3	803.1	672.5	469.0	406.7	173.1	178.5	152.4	200.8	167.3	43.2	42.1	80.2	101.9	124.6
	1/20 (Exceedance)	114.5	120.7	180.7	173.8	200.0	155.7	87.4	4.7	778.1	650.9	446.1	396.5	162.9	157.7	136.4	169.1	139.7	27.4	40.7	78.2	99.0	121.8
	1/2	62.9	65.8	97.9	94.6	106.2	82.7	62.4	23.1	418.2	369.8	271.9	238.0	125.7	137.2	124.5	141.0	125.0	38.0	21.6	40.3	51.8	62.7
	1/5	64.7	67.7	99.8	96.4	108.6	84.5	66.5	27.2	427.7	385.6	287.8	255.4	143.1	152.9	140.2	153.4	137.4	43.6	22.0	41.0	52.8	63.7
	1/10	65.5	68.4	100.5	97.2	109.6	85.3	68.2	28.9	431.3	392.6	294.7	263.0	150.7	159.7	147.1	159.0	142.9	45.9	22.2	41.3	53.2	64.1
	1/20	66.1	69.0	101.1	97.7	110.3	85.9	69.4	30.1	434.0	397.5	299.6	268.5	156.2	164.5	151.9	163.1	147.0	47.7	22.4	41.5	53.4	64.4
	1/5 (Exceedance)	59.2	62.1	94.3	91.0	101.6	79.0	54.7	15.4	399.7	341.1	243.2	210.3	98.0	108.5	95.9	117.7	101.6	26.9	20.6	38.9	49.8	60.7
	1/10 (Exceedance)	56.5	59.5	91.8	88.4	98.4	76.5	48.8	9.5	387.9	325.6	227.7	197.7	85.4	92.8	80.2	102.0	85.9	18.8	19.8	37.9	48.4	59.3
Canal C9 Command Area 144 ha	1/20 (Exceedance)	53.8	56.8	89.1	85.8	95.0	73.8	42.8	3.5	375.7	314.0	215.8	191.1	78.8	80.6	69.3	86.3	71.0	10.8	19.1	36.9	46.8	57.8
	1/2	41.5	43.3	49.8	47.6	63.6	49.2	29.0	4.9	232.8	195.3	136.9	116.0	48.9	43.1	37.5	50.7	41.8	25.2	14.4	26.5	33.5	40.3
	1/5	42.3	44.1	52.4	50.2	65.2	50.4	32.7	8.5	239.8	204.5	146.1	122.3	55.2	48.0	41.3	60.9	51.2	28.0	14.6	26.7	33.9	40.7
	1/10	42.6	44.4	53.5	51.3	66.0	51.0	34.2	10.1	243.1	209.5	151.1	126.4	59.2	51.7	44.1	65.6	55.9	29.3	14.6	26.8	34.1	40.9
	1/20	42.9	44.7	54.3	52.1	66.5	51.4	35.4	11.2	245.7	213.6	155.2	129.9	62.8	55.0	47.4	69.3	59.6	30.3	14.7	26.8	34.2	41.0
	1/5 (Exceedance)	40.3	42.1	45.9	43.7	61.1	47.3	23.6		222.6	186.3	127.3	114.6	47.5	44.9	38.9	40.0	32.6	21.1	14.2	26.2	32.9	39.7
	1/10 (Exceedance)	39.5	41.3	43.5	41.3	59.6	46.1	20.4		216.3	184.0	124.4	119.5	52.4	52.7	45.1	35.6	28.2	18.3	14.1	26.0	32.4	39.3
	1/20 (Exceedance)	38.7	40.5	41.1	38.9	57.9	44.8	17.3		211.6	183.9	124.1	129.4	62.2	66.3	58.6	32.5	25.1	15.4	13.9	25.8	32.0	38.8
	1/2	7.4	7.7	8.8	8.4	10.9	8.5	5.2	0.8	40.2	33.7	23.7	20.1	8.5	7.5	6.5	8.8	7.2	4.3	2.4	4.5	5.8	7.1
	1/5	7.5	7.8	9.3	8.9	11.2	8.7	5.8	1.5	41.5	35.3	25.4	21.2	9.6	8.3	7.1	10.6	8.9	4.8	2.4	4.6	5.9	7.2
Canal C15 Command Area 16 ha	1/10	7.6	7.9	9.5	9.0	11.4	8.8	6.1	1.7	42.1	36.2	26.3	21.9	10.4	9.0	7.6	11.4	9.7	5.1	2.4	4.6	5.9	7.2
	1/20	7.6	8.0	9.6	9.2	11.5	8.9	6.3	1.9	42.5	37.0	27.0	22.6	11.0	9.6	8.2	12.1	10.4	5.2	2.5	4.6	5.9	7.2
	1/5 (Exceedance)	7.1	7.5	8.1	7.7	10.5	8.2	4.3		38.4	32.1	22.0	19.9	8.3	7.8	6.7	6.9	5.6	3.6	2.4	4.5	5.7	7.0
	1/10 (Exceedance)	7.0	7.3	7.7	7.3	10.2	8.0	3.7		37.3	31.7	21.5	20.7	9.1	9.2	7.8	6.1	4.9	3.2	2.3	4.5	5.6	6.9
	1/20 (Exceedance)	6.9	7.2	7.3	6.8	9.9	7.7	3.2		36.5	31.7	21.5	22.5	10.9	11.6	10.2	5.6	4.3	2.7	2.3	4.4	5.6	6.8

Water Requirement (10/36)

Diversification 10 % (Case D-2 & AD-2 unit : V/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C18 Command Area 29 ha	1/2	12.8	13.3	16.2	15.5	20.1	15.5	9.6	2.1	75.8	64.1	45.2	38.1	16.5	14.8	12.8	15.1	7.9	4.5	8.2	10.4	12.5	
	1/5	13.0	13.6	16.9	16.2	20.6	15.9	10.6	3.2	78.0	67.2	48.3	40.6	19.0	17.1	14.7	21.3	18.2	8.9	4.6	8.3	10.6	12.6
	1/10	13.2	13.7	17.2	16.5	20.8	16.1	11.1	3.6	79.0	68.8	49.9	42.0	20.4	18.5	16.1	22.7	19.6	9.3	4.6	8.4	10.6	12.7
	1/20	13.3	13.8	17.4	16.8	21.0	16.2	11.4	4.0	79.8	70.0	51.1	43.2	21.6	19.6	17.2	23.8	20.7	9.6	4.6	8.4	10.7	12.8
	1/5 (Exceedance)	12.4	12.9	15.0	14.4	19.3	14.9	7.9	0.4	72.6	60.6	41.7	36.6	15.0	13.6	11.9	14.0	11.6	6.5	4.4	8.1	10.2	12.3
	1/10 (Exceedance)	12.1	12.6	14.3	13.6	18.8	14.5	6.8		70.6	59.5	40.3	37.3	15.7	14.7	12.8	12.4	10.0	5.5	4.4	8.0	10.0	12.1
	1/20 (Exceedance)	11.8	12.3	13.6	12.9	18.3	14.1	5.8		68.8	59.1	39.8	39.5	17.9	17.5	15.1	11.1	8.7	4.5	4.3	8.0	9.9	12.0
	1/2	18.2	19.0	23.2	22.3	29.0	22.6	14.1	3.1	103.2	87.1	61.7	52.0	22.7	20.2	17.4	24.9	20.6	10.8	6.3	11.7	14.8	17.8
Canal C19 Command Area 40 ha	1/5	18.6	19.4	24.2	23.3	29.7	23.2	15.7	4.6	106.2	91.4	66.0	55.4	26.1	23.4	20.0	29.1	24.9	12.1	6.4	11.8	15.0	18.0
	1/10	18.8	19.6	24.6	23.7	30.0	23.4	16.3	5.3	107.6	93.7	68.3	57.4	28.1	25.3	21.9	31.1	26.9	12.6	6.4	11.8	15.1	18.1
	1/20	18.9	19.7	25.0	24.0	30.3	23.6	16.8	5.8	108.7	95.4	70.0	59.0	29.7	26.9	23.5	32.6	28.4	13.1	6.5	11.9	15.1	18.2
	1/5 (Exceedance)	17.6	18.4	21.5	20.6	27.9	21.7	11.6	0.6	98.7	82.2	56.8	49.8	20.5	18.6	16.2	19.0	15.8	8.9	6.2	11.5	14.5	17.5
	1/10 (Exceedance)	17.2	18.0	20.5	19.6	27.2	21.2	10.1		95.8	80.8	54.9	50.8	21.5	20.1	17.3	16.8	13.6	7.5	6.1	11.4	14.2	17.3
	1/20 (Exceedance)	16.8	17.6	19.4	18.5	26.4	20.6	8.7		93.4	80.2	54.2	53.9	24.5	23.9	20.5	15.0	11.8	6.1	6.0	11.3	14.0	17.1
	1/2	11.9	12.4	15.0	14.3	18.4	14.1	8.8	1.9	70.4	59.5	42.0	35.4	15.4	13.7	11.9	16.9	14.1	7.4	4.1	7.6	9.6	11.6
	1/5	12.1	12.6	15.6	15.0	18.8	14.5	9.8	2.9	72.5	62.4	44.9	37.7	17.7	15.9	13.6	19.8	16.9	8.2	4.2	7.6	9.7	11.7
Canal C20 Command Area 27 ha	1/10	12.2	12.7	15.9	15.3	19.0	14.6	10.2	3.3	73.4	63.9	46.4	39.0	19.0	17.2	14.9	21.1	18.3	8.6	4.2	7.7	9.8	11.8
	1/20	12.3	12.8	16.1	15.5	19.2	14.8	10.5	3.6	74.1	65.1	47.5	40.2	20.1	18.2	16.0	22.1	19.3	8.9	4.2	7.7	9.8	11.8
	1/5 (Exceedance)	11.5	12.0	13.9	13.3	17.6	13.6	7.3	0.4	67.5	56.2	38.7	34.0	13.9	12.7	11.1	13.0	10.8	6.1	4.0	7.5	9.4	11.4
	1/10 (Exceedance)	11.2	11.7	13.2	12.6	17.2	13.2	6.3		65.5	55.3	37.5	34.6	14.6	13.7	11.9	11.5	9.3	5.1	4.0	7.4	9.3	11.2
	1/20 (Exceedance)	10.9	11.4	12.5	11.9	16.7	12.8	5.4		63.9	54.9	37.0	36.7	16.6	16.2	14.0	10.3	8.1	4.2	3.9	7.3	9.1	11.1
	1/2	10.0	10.5	12.8	12.3	16.2	12.7	7.9	1.7	59.7	50.4	35.6	30.1	13.1	11.7	10.1	14.4	11.9	6.2	3.5	6.5	8.2	9.8
	1/5	10.2	10.7	13.3	12.9	16.6	13.0	8.8	2.6	61.4	52.9	38.1	32.0	15.0	13.5	11.6	16.8	14.4	7.0	3.5	6.5	8.3	9.9
	1/10	10.3	10.8	13.6	13.1	16.8	13.2	9.1	3.0	62.2	54.2	39.4	33.1	16.2	14.6	12.6	17.9	15.5	7.3	3.6	6.6	8.3	10.0
Canal C21 Command Area 23 ha	1/20	10.4	10.8	13.8	13.3	16.9	13.3	9.4	3.2	62.8	55.1	40.4	34.1	17.1	15.5	13.6	18.8	16.4	7.6	3.6	6.6	8.3	10.0
	1/5 (Exceedance)	9.7	10.1	11.9	11.4	15.6	12.2	6.5	0.3	57.1	47.6	32.8	28.8	11.8	10.7	9.4	11.0	9.1	5.1	3.4	6.4	8.0	9.6
	1/10 (Exceedance)	9.5	9.9	11.3	10.8	15.2	11.9	5.7		55.5	46.8	31.7	29.4	12.4	11.6	10.0	9.7	7.8	4.3	3.4	6.3	7.9	9.5
	1/20 (Exceedance)	9.2	9.7	10.7	10.3	14.8	11.5	4.8		54.0	46.4	31.3	31.1	14.1	13.8	11.9	8.7	6.8	3.5	3.3	6.2	7.7	9.4
	1/2	12.8	13.3	16.2	15.5	20.1	15.5	9.5	2.1	73.1	61.8	43.6	36.8	16.0	14.3	12.3	17.6	14.6	7.7	4.6	8.3	10.5	12.5
	1/5	13.1	13.6	16.9	16.2	20.6	15.9	10.6	3.2	75.2	64.8	46.6	39.2	18.3	16.5	14.2	20.5	17.6	8.6	4.6	8.4	10.6	12.7
	1/10	13.2	13.7	17.2	16.5	20.8	16.1	11.0	3.6	76.2	66.4	48.2	40.5	19.7	17.8	15.5	21.9	18.9	9.0	4.6	8.4	10.7	12.7
	1/20	13.3	13.8	17.4	16.8	21.0	16.2	11.3	4.0	77.0	67.5	49.3	41.7	20.8	18.9	16.6	23.0	20.0	9.3	4.7	8.4	10.7	12.8
Canal C22 Command Area 28 ha	1/5 (Exceedance)	12.4	12.9	15.0	14.4	19.3	14.9	7.8	0.4	70.0	58.4	40.2	35.3	14.5	13.2	11.5	13.5	11.2	6.3	4.5	8.2	10.2	12.3
	1/10 (Exceedance)	12.1	12.6	14.3	13.6	18.9	14.5	6.8		68.1	57.4	38.9	36.0	15.1	14.2	12.3	11.9	9.6	5.3	4.4	8.1	10.1	12.2
	1/20 (Exceedance)	11.8	12.3	13.6	12.9	18.3	14.1	5.8		66.3	57.0	38.4	38.1	17.2	16.9	14.5	10.7	8.4	4.3	4.4	8.0	9.9	12.0

Water Requirement (11/36)

Diversification 10 % (Case BD-2 & ABD-2 unit : I/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C1 Command Area 61 ha	1/2	14.7	15.3	22.3	21.5	24.7	19.3	14.3	5.1	97.8	86.1	63.0	54.7	28.2	30.1	27.1	32.0	28.2	9.1	5.0	9.4	12.0	14.6
	1/5	15.1	15.8	22.8	22.0	25.3	19.8	15.3	6.1	100.1	89.8	66.8	58.9	32.4	33.9	30.9	34.9	31.2	10.4	5.1	9.5	12.2	14.8
	1/10	15.2	15.9	23.0	22.2	25.5	19.9	15.7	6.5	101.0	91.5	68.5	60.7	34.3	35.6	32.6	36.3	32.5	11.0	5.2	9.6	12.3	14.9
	1/20	15.4	16.1	23.1	22.3	25.7	20.1	16.0	6.8	101.7	92.7	69.7	62.0	35.6	36.9	33.9	37.3	33.5	11.4	5.2	9.6	12.4	14.9
	1/5 (Exceedance)	13.9	14.5	21.4	20.6	23.7	18.5	12.5	3.3	93.5	79.5	56.5	48.6	22.2	23.5	20.5	26.4	22.6	6.7	4.8	9.1	11.6	14.1
	1/10 (Exceedance)	13.3	14.0	20.7	20.0	23.0	17.9	11.1	1.9	90.8	76.0	53.0	46.0	19.6	20.2	17.2	22.7	18.9	4.9	4.7	8.9	11.3	13.8
1/20 (Exceedance)	12.7	13.4	20.1	19.3	22.2	17.3	9.8	0.5	88.0	73.6	50.4	44.8	18.4	17.8	15.4	19.1	15.8	3.1	4.5	8.7	11.0	13.5	
Canal C2 Command Area 300 ha	1/2	73.3	76.7	111.4	107.6	123.7	96.5	71.5	25.6	480.7	422.9	309.9	268.7	138.9	147.9	133.2	157.2	138.6	44.9	25.2	47.1	60.2	72.9
	1/5	75.4	78.8	113.8	110.0	126.4	98.7	76.4	30.5	492.2	441.5	328.5	289.3	159.5	166.8	152.1	171.8	153.2	51.1	25.7	47.8	61.3	74.0
	1/10	76.2	79.7	114.8	111.0	127.5	99.6	78.5	32.5	496.6	449.7	336.6	298.3	168.5	175.1	160.4	178.3	159.7	53.8	25.9	48.1	61.7	74.4
	1/20	76.9	80.3	115.5	111.7	128.4	100.3	80.4	34.1	499.8	455.8	342.7	305.0	175.2	181.3	166.6	183.3	164.7	55.8	26.0	48.3	62.1	74.7
	1/5 (Exceedance)	69.3	72.7	106.8	103.0	118.5	92.4	62.4	16.5	459.6	390.7	277.6	238.9	109.1	115.6	100.9	129.6	111.0	32.8	24.1	45.6	58.1	70.8
	1/10 (Exceedance)	66.5	69.9	103.6	99.8	114.9	89.5	55.6	9.6	446.2	373.6	260.6	226.0	96.2	99.2	84.7	111.6	92.9	24.0	23.4	44.6	56.6	69.2
1/20 (Exceedance)	63.6	67.0	100.4	96.6	111.1	86.5	48.6	2.6	432.3	361.6	247.9	220.3	90.5	87.6	75.8	94.0	77.6	15.2	22.6	43.5	55.0	67.6	
Canal C9 Command Area 144 ha	1/2	34.9	36.6	54.4	52.5	59.0	45.9	34.7	12.8	232.3	205.5	151.1	132.2	69.8	76.2	69.2	78.4	69.4	21.1	12.0	22.4	28.8	34.8
	1/5	36.0	37.6	55.4	53.6	60.3	47.0	36.9	15.1	237.6	214.2	159.9	141.9	79.5	84.9	77.9	85.2	76.3	24.2	12.2	22.8	29.3	35.4
	1/10	36.4	38.0	55.8	54.0	60.9	47.4	37.9	16.0	239.6	218.1	163.7	146.1	83.7	88.7	81.7	88.3	79.4	25.5	12.3	22.9	29.5	35.6
	1/20	36.7	38.3	56.1	54.3	61.3	47.7	38.6	16.7	241.1	220.8	166.5	149.2	86.8	91.4	84.4	90.6	81.7	26.5	12.4	23.0	29.7	35.8
	1/5 (Exceedance)	32.9	34.5	52.4	50.5	56.5	43.9	30.4	8.6	222.1	189.5	135.1	116.9	54.5	60.3	53.3	65.4	56.4	14.9	11.4	21.6	27.7	33.7
	1/10 (Exceedance)	31.4	33.0	51.0	49.1	54.7	42.5	27.1	5.3	215.5	180.9	126.5	109.8	47.4	51.6	44.5	56.7	47.7	10.4	11.0	21.1	26.9	32.9
1/20 (Exceedance)	29.9	31.5	49.5	47.7	52.8	41.0	23.8	1.9	208.7	174.4	119.9	106.2	43.8	44.8	38.5	47.9	39.4	6.0	10.6	20.5	26.0	32.1	
Canal C10 Command Area 91 ha	1/2	23.0	24.0	27.6	26.4	35.3	27.3	16.1	2.7	129.4	108.5	76.0	64.5	27.2	23.9	20.8	28.2	23.2	14.0	8.0	14.7	18.6	22.4
	1/5	23.5	24.5	29.1	27.9	36.2	28.0	18.1	4.7	133.2	113.6	81.2	67.9	30.6	26.7	22.9	33.8	28.5	15.6	8.1	14.8	18.8	22.6
	1/10	23.7	24.7	29.7	28.5	36.6	28.3	19.0	5.6	135.1	116.4	84.0	70.2	32.9	28.7	24.5	36.4	31.1	16.3	8.1	14.9	18.9	22.7
	1/20	23.8	24.8	30.2	29.0	37.0	28.6	19.7	6.2	136.5	118.7	86.2	72.2	34.9	30.6	26.3	38.5	33.1	16.8	8.2	14.9	19.0	22.8
	1/5 (Exceedance)	22.4	23.4	25.5	24.3	34.0	26.3	13.1	—	123.7	103.5	70.7	63.7	26.4	25.0	21.6	22.2	18.1	11.7	7.9	14.5	18.3	22.0
	1/10 (Exceedance)	21.9	22.9	24.1	22.9	33.1	25.6	11.3	—	120.2	102.2	69.1	66.4	29.1	29.3	25.0	19.8	15.7	10.2	7.8	14.4	18.0	21.8
1/20 (Exceedance)	21.5	22.5	22.8	21.6	32.2	24.9	9.6	—	117.5	102.1	69.0	71.9	34.6	36.8	32.6	18.0	13.9	8.5	7.7	14.3	17.8	21.6	
Canal C15 Command Area 16 ha	1/2	4.1	4.3	4.9	4.7	6.1	4.7	2.9	0.5	22.4	18.7	13.2	11.2	4.7	4.1	3.6	4.9	4.0	2.4	1.3	2.5	3.2	3.9
	1/5	4.2	4.4	5.2	4.9	6.2	4.8	3.2	0.8	23.0	19.6	14.1	11.8	5.4	4.6	4.0	5.9	4.9	2.7	1.4	2.5	3.3	4.0
	1/10	4.2	4.4	5.3	5.0	6.3	4.9	3.4	1.0	23.4	20.1	14.6	12.2	5.8	5.0	4.2	6.3	5.4	2.8	1.4	2.6	3.3	4.0
	1/20	4.2	4.4	5.3	5.1	6.4	4.9	3.5	1.1	23.6	20.5	15.0	12.5	6.1	5.3	4.5	6.7	5.8	2.9	1.4	2.6	3.3	4.0
	1/5 (Exceedance)	4.0	4.2	4.5	4.3	5.8	4.5	2.4	—	21.3	17.8	12.2	11.0	4.6	4.3	3.7	3.8	3.1	2.0	1.3	2.5	3.2	3.9
	1/10 (Exceedance)	3.9	4.1	4.3	4.0	5.7	4.4	2.1	—	20.7	17.6	12.0	11.5	5.1	5.1	4.3	3.4	2.7	1.8	1.3	2.5	3.1	3.8
1/20 (Exceedance)	3.8	4.0	4.0	3.8	5.5	4.3	1.8	—	20.3	17.6	11.9	12.5	6.1	6.4	5.7	3.1	2.4	1.5	1.3	2.5	3.1	3.8	

Water Requirement (12/36)

Diversification 10 % (Case BD-2 & ABD-2 unit : I/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C18 Command Area 29 ha	1/2	7.1	7.4	8.6	11.2	8.6	5.3	1.2	42.1	35.6	25.1	21.2	9.2	8.2	7.1	10.1	8.4	4.4	2.5	4.6	5.8	7.0	
	1/5	7.2	7.5	9.4	9.0	11.4	8.8	5.9	1.8	43.3	37.3	26.8	22.6	10.5	9.5	8.2	11.8	10.1	4.9	2.5	4.6	5.9	7.0
	1/10	7.3	7.6	9.5	9.2	11.6	8.9	6.2	2.0	43.9	38.2	27.7	23.3	11.3	10.3	8.9	12.6	10.9	5.2	2.6	4.6	5.9	7.1
	1/20	7.4	7.7	9.7	9.3	11.7	9.0	6.3	2.2	44.3	38.9	28.4	24.0	12.0	10.9	9.6	13.2	11.5	5.3	2.6	4.7	5.9	7.1
	1/5 (Exceedance)	6.9	7.2	8.3	8.0	10.7	8.3	4.4	0.2	40.3	33.6	23.1	20.3	8.3	7.6	6.6	7.8	6.5	3.6	2.5	4.5	5.7	6.8
	1/10 (Exceedance)	6.7	7.0	7.9	7.6	10.5	8.1	3.8		39.2	33.1	22.4	20.7	8.7	8.2	7.1	6.9	5.5	3.1	2.4	4.5	5.6	6.7
Canal C19 Command Area 40 ha	1/20 (Exceedance)	6.5	6.8	7.5	7.2	10.2	7.8	3.2		38.2	32.8	22.1	21.9	9.9	9.7	8.4	6.2	4.8	2.5	2.4	4.4	5.5	6.7
	1/2	10.1	10.6	12.9	12.4	16.1	12.6	7.8	1.7	57.3	48.4	34.3	28.9	12.6	11.2	9.7	13.8	11.4	6.0	3.5	6.5	8.2	9.9
	1/5	10.3	10.8	13.4	12.9	16.5	12.9	8.7	2.6	59.0	50.8	36.7	30.8	14.5	13.0	11.1	16.2	13.8	6.7	3.6	6.6	8.3	10.0
	1/10	10.4	10.9	13.7	13.2	16.7	13.0	9.1	2.9	59.8	52.0	37.9	31.9	15.6	14.1	12.2	17.3	14.9	7.0	3.6	6.6	8.4	10.1
	1/20	10.5	11.0	13.9	13.4	16.8	13.1	9.3	3.2	60.4	53.0	38.9	32.8	16.5	15.0	13.1	18.1	15.8	7.3	3.6	6.6	8.4	10.1
	1/5 (Exceedance)	9.8	10.2	12.0	11.5	15.5	12.1	6.5	0.3	54.8	45.7	31.5	27.7	11.4	10.3	9.0	10.6	8.8	4.9	3.4	6.4	8.0	9.7
Canal C20 Command Area 27 ha	1/10 (Exceedance)	9.6	10.0	11.4	10.9	15.1	11.8	5.6		53.2	44.9	30.5	28.2	11.9	11.2	9.6	9.3	7.5	4.2	3.4	6.3	7.9	9.6
	1/20 (Exceedance)	9.3	9.8	10.8	10.3	14.7	11.4	4.8		51.9	44.6	30.1	29.9	13.6	13.3	11.4	8.4	6.6	3.4	3.4	6.3	7.8	9.5
	1/2	6.6	6.9	8.3	8.0	10.2	7.9	4.9	1.1	39.1	33.1	23.3	19.7	8.5	7.6	6.6	9.4	7.8	4.1	2.3	4.2	5.3	6.4
	1/5	6.7	7.0	8.7	8.3	10.5	8.0	5.4	1.6	40.3	34.7	24.9	21.0	9.8	8.8	7.6	11.0	9.4	4.6	2.3	4.2	5.4	6.5
	1/10	6.8	7.1	8.8	8.5	10.6	8.1	5.6	1.8	40.8	35.5	25.8	21.7	10.5	9.5	8.3	11.7	10.1	4.8	2.3	4.3	5.4	6.5
	1/20	6.8	7.1	9.0	8.6	10.7	8.2	5.8	2.0	41.2	36.1	26.4	22.3	11.2	10.1	8.9	12.3	10.7	5.0	2.3	4.3	5.5	6.6
Canal C21 Command Area 23 ha	1/5 (Exceedance)	6.4	6.7	7.7	7.4	9.8	7.5	4.0	0.2	37.5	31.2	21.5	18.9	7.7	7.0	6.1	7.2	6.0	3.4	2.2	4.1	5.2	6.3
	1/10 (Exceedance)	6.2	6.5	7.3	7.0	9.5	7.3	3.5		36.4	30.7	20.8	19.2	8.1	7.6	6.6	6.4	5.2	2.8	2.2	4.1	5.2	6.2
	1/20 (Exceedance)	6.1	6.4	7.0	6.6	9.3	7.1	3.0		35.5	30.5	20.5	20.4	9.2	9.0	7.8	5.7	4.5	2.3	2.2	4.1	5.1	6.2
	1/2	5.6	5.8	7.1	6.8	9.0	7.1	4.4	1.0	33.1	28.0	19.8	16.7	7.3	6.5	5.6	8.0	6.6	3.5	1.9	3.6	4.5	5.5
	1/5	5.7	5.9	7.4	7.1	9.2	7.2	4.9	1.4	34.1	29.4	21.2	17.8	8.3	7.5	6.4	9.3	8.0	3.9	2.0	3.6	4.6	5.5
	1/20	5.7	6.0	7.5	7.3	9.3	7.3	5.1	1.6	34.6	30.1	21.9	18.4	9.0	8.1	7.0	10.0	8.6	4.1	2.0	3.6	4.6	5.5
Canal C22 Command Area 28 ha	1/20	5.8	6.0	7.6	7.4	9.4	7.4	5.2	1.8	34.9	30.6	22.4	18.9	9.5	8.6	7.5	10.4	9.1	4.2	2.0	3.7	4.6	5.6
	1/5 (Exceedance)	5.4	5.6	6.6	6.3	8.7	6.8	3.6	0.2	31.7	26.4	18.2	16.0	6.6	6.0	5.2	6.1	5.1	2.8	1.9	3.5	4.4	5.4
	1/10 (Exceedance)	5.3	5.5	6.3	6.0	8.5	6.6	3.1		30.8	26.0	17.6	16.3	6.9	6.5	5.6	5.4	4.4	2.4	1.9	3.5	4.4	5.3
	1/20 (Exceedance)	5.1	5.4	6.0	5.7	8.2	6.4	2.7		30.0	25.8	17.4	17.3	7.9	7.7	6.6	4.8	3.8	2.0	1.9	3.5	4.3	5.2
	1/2	7.1	7.4	9.0	8.6	11.2	8.6	5.3	1.2	40.6	34.3	24.2	20.4	8.9	7.9	6.9	9.8	8.1	4.3	2.5	4.6	5.8	7.0
	1/5	7.3	7.5	9.4	9.0	11.5	8.8	5.9	1.8	41.8	36.0	25.9	21.8	10.2	9.2	7.9	11.4	9.8	4.8	2.6	4.6	5.9	7.0
Canal C22 Command Area 28 ha	1/10	7.3	7.6	9.5	9.2	11.6	8.9	6.1	2.0	42.3	36.9	26.8	22.5	10.9	9.9	8.6	12.2	10.5	5.0	2.6	4.7	5.9	7.1
	1/20	7.4	7.7	9.7	9.3	11.7	9.0	6.3	2.2	42.8	37.5	27.4	23.2	11.6	10.5	9.2	12.8	11.1	5.2	2.6	4.7	5.9	7.1
	1/5 (Exceedance)	6.9	7.2	8.3	8.0	10.7	8.3	4.3	0.2	38.9	32.4	22.3	19.6	8.0	7.3	6.4	7.5	6.2	3.5	2.5	4.5	5.7	6.8
	1/10 (Exceedance)	6.7	7.0	7.9	7.6	10.5	8.1	3.8		37.8	31.9	21.6	20.0	8.4	7.9	6.8	6.6	5.3	3.0	2.5	4.5	5.6	6.8
	1/20 (Exceedance)	6.5	6.8	7.5	7.2	10.2	7.8	3.2		36.9	31.7	21.3	21.2	9.6	9.4	8.1	5.9	4.7	2.4	2.4	4.4	5.5	6.7

Water Requirement (13/36)

Diversification 15 % (Case D-3 & AD-3 unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C1 Command Area 61 ha	1/2	26.4	27.6	40.1	38.7	44.5	34.8	25.8	9.2	176.1	154.9	113.5	98.4	50.8	54.1	48.8	57.5	50.7	16.5	9.0	16.9	21.6	26.2
	1/5	27.1	28.4	41.0	39.6	45.5	35.6	27.6	11.0	180.3	161.7	120.3	105.9	58.4	61.1	55.7	62.9	56.1	18.7	9.2	17.2	22.0	26.5
	1/10	27.4	28.7	41.3	40.0	45.9	35.9	28.3	11.7	181.9	164.7	123.2	109.2	61.7	64.1	58.7	65.3	58.5	19.7	9.3	17.3	22.2	26.8
	1/20	27.7	28.9	41.6	40.2	46.2	36.1	28.9	12.3	183.0	166.9	125.5	111.7	64.1	66.4	61.0	67.1	60.3	20.4	9.3	17.3	22.3	26.9
	1/5 (Exceedance)	24.9	26.2	38.5	37.1	42.6	33.3	22.5	5.9	168.3	143.1	101.7	87.5	39.9	42.3	36.9	47.5	40.6	12.0	8.6	16.4	20.9	25.5
	1/10 (Exceedance)	23.9	25.2	37.3	35.9	41.3	32.2	20.1	3.5	163.4	136.9	95.4	82.8	35.2	36.3	31.0	40.9	34.0	8.8	8.4	16.0	20.3	24.9
	1/20 (Exceedance)	22.9	24.1	36.1	34.8	40.0	31.2	17.6	0.9	158.4	132.5	90.8	80.7	33.1	32.1	27.8	34.4	28.4	5.6	8.1	15.6	19.8	24.3
Canal C2 Command Area 300 ha	1/2	132.0	138.1	200.5	193.7	222.6	173.8	128.8	46.0	865.3	761.3	557.8	483.6	250.0	266.2	239.7	282.9	249.4	80.8	45.3	84.7	108.4	131.2
	1/5	135.7	141.8	204.8	198.0	227.5	177.7	137.5	54.8	885.9	794.7	591.2	520.8	287.1	300.3	273.8	309.3	275.8	92.1	46.2	86.0	110.4	133.2
	1/10	137.2	143.4	206.6	199.8	229.6	179.3	141.3	58.6	893.8	809.4	605.9	537.0	303.3	315.1	288.7	321.0	287.5	96.9	46.6	86.6	111.1	133.9
	1/20	138.3	144.5	207.9	201.1	231.1	180.5	144.0	61.3	899.6	820.4	616.9	549.1	315.4	326.3	299.8	330.0	296.5	100.4	46.9	86.9	111.7	134.5
	1/5 (Exceedance)	124.7	130.9	192.2	185.4	213.2	166.3	112.3	29.6	803.1	672.5	469.0	406.7	173.1	178.5	152.4	200.8	167.3	43.2	42.1	80.2	101.9	124.6
	1/10 (Exceedance)	119.7	125.9	186.5	179.7	206.8	161.1	100.0	17.3	778.1	650.9	446.1	396.5	162.9	157.7	136.4	169.1	139.7	27.4	40.7	78.2	99.0	121.8
	1/20 (Exceedance)	114.5	120.7	180.7	173.8	200.0	155.7	87.4	4.7	741.2	609.8	418.2	369.8	125.7	137.2	124.5	141.0	125.0	38.0	21.6	40.3	51.8	62.7
Canal C9 Command Area 144 ha	1/2	62.9	65.8	97.9	94.6	106.2	82.7	62.4	23.1	427.7	385.6	287.8	255.4	143.1	152.9	140.2	153.4	137.4	43.6	22.0	41.0	52.8	63.7
	1/5	64.7	67.7	99.8	96.4	108.6	84.5	66.5	27.2	431.3	392.6	294.7	263.0	150.7	159.7	147.1	159.0	142.9	45.9	22.2	41.3	53.2	64.1
	1/10	65.5	68.4	100.5	97.2	109.6	85.3	68.2	28.9	434.0	397.5	299.6	268.5	156.2	164.5	151.9	163.1	147.0	47.7	22.4	41.5	53.4	64.4
	1/20	66.1	69.0	101.1	97.7	110.3	85.9	69.4	30.1	439.7	401.1	243.2	210.3	98.0	108.5	95.9	117.7	101.6	26.9	20.6	38.9	49.8	60.7
	1/5 (Exceedance)	59.2	62.1	94.3	91.0	101.6	79.0	54.7	15.4	387.9	325.6	227.7	197.7	85.4	92.8	80.2	102.0	85.9	18.8	19.8	37.9	48.4	59.3
	1/10 (Exceedance)	56.5	59.5	91.8	88.4	98.4	76.5	48.8	9.5	375.7	314.0	215.8	191.1	78.8	80.6	69.3	86.3	71.0	10.8	19.1	36.9	46.8	57.8
	1/20 (Exceedance)	53.8	56.8	89.1	85.8	95.0	73.8	42.8	3.5	342.8	295.3	195.3	136.9	67.5	74.1	64.5	80.7	64.8	25.2	14.4	26.5	33.5	40.3
Canal C10 Command Area 91 ha	1/2	41.5	43.3	49.8	47.6	63.6	49.2	29.0	4.9	239.8	204.5	146.1	122.3	55.2	48.0	41.3	60.9	51.2	28.0	14.6	26.7	33.9	40.7
	1/5	42.3	44.1	52.4	50.2	65.2	50.4	32.7	8.5	243.1	209.5	151.1	126.4	59.2	51.7	44.1	65.6	55.9	29.3	14.6	26.8	34.1	40.9
	1/10	42.6	44.4	53.5	51.3	66.0	51.0	34.2	10.1	245.7	213.6	155.2	129.9	62.8	55.0	47.4	69.3	59.6	30.3	14.7	26.8	34.2	41.0
	1/20	42.9	44.7	54.3	52.1	66.5	51.4	35.4	11.2	222.6	186.3	127.3	114.6	47.5	44.9	38.9	40.0	32.6	21.1	14.2	26.2	32.9	39.7
	1/5 (Exceedance)	40.3	42.1	45.9	43.7	61.1	47.3	23.6		216.3	184.0	124.4	119.5	52.4	52.7	45.1	35.6	28.2	18.3	14.1	26.0	32.4	39.3
	1/10 (Exceedance)	39.5	41.3	43.5	41.3	59.6	46.1	20.4		211.6	183.9	124.1	129.4	62.2	66.3	58.6	32.5	25.1	15.4	13.9	25.8	32.0	38.8
	1/20 (Exceedance)	38.7	40.5	41.1	38.9	57.9	44.8	17.3		40.2	33.7	23.7	20.1	8.5	7.5	6.5	8.8	7.2	4.3	2.4	4.5	5.8	7.1
Canal C15 Command Area 16 ha	1/2	7.4	7.7	8.8	8.4	10.9	8.5	5.2	0.8	41.5	35.3	25.4	21.2	9.6	8.3	7.1	10.6	8.9	4.8	2.4	4.6	5.9	7.2
	1/5	7.5	7.8	9.3	8.9	11.2	8.7	5.8	1.5	42.1	36.2	26.3	21.9	10.4	9.0	7.6	11.4	9.7	5.1	2.4	4.6	5.9	7.2
	1/10	7.6	7.9	9.5	9.0	11.4	8.8	6.1	1.7	42.5	37.0	27.0	22.6	11.0	9.6	8.2	12.1	10.4	5.2	2.5	4.6	5.9	7.2
	1/20	7.6	8.0	9.6	9.2	11.5	8.9	6.3	1.9	38.4	32.1	22.0	19.9	8.3	7.8	6.7	6.9	5.6	3.6	2.4	4.5	5.7	7.0
	1/5 (Exceedance)	7.1	7.5	8.1	7.7	10.5	8.2	4.3		37.3	31.7	21.5	20.7	9.1	9.2	7.8	6.1	4.9	3.2	2.3	4.5	5.6	6.9
	1/10 (Exceedance)	7.0	7.3	7.7	7.3	10.2	8.0	3.7		36.5	31.7	21.5	22.5	10.9	11.6	10.2	5.6	4.3	2.7	2.3	4.4	5.6	6.8
	1/20 (Exceedance)	6.9	7.2	7.3	6.8	9.9	7.7	3.2															

Water Requirement (14/36)

Diversification 15 % (Case D-3 & AD-3 unit : 1/s)

Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Canal C18 Command Area 29 ha	12.8 13.0 13.2 13.3	13.3 13.6 13.7 13.8	16.2 16.9 17.2 17.4	15.5 16.2 16.5 16.8	20.1 20.6 20.8 21.0	15.5 15.9 16.1 16.2	45.2 48.3 49.9 51.1	38.1 40.6 42.0 43.2	16.5 17.1 18.5 19.6	12.8 13.2 14.7 15.1	8.2 8.3 8.4 8.4	10.4 10.6 10.6 10.7
1/2 (Exceedance)	12.4	12.9	15.0	14.4	19.3	14.9	7.9	0.4	36.6	15.0	13.6	11.9
1/10 (Exceedance)	12.1	12.6	14.3	13.6	18.8	14.5	6.8		37.3	15.7	14.7	12.8
1/20 (Exceedance)	11.8	12.3	13.6	12.9	18.3	14.1	5.8		37.3	15.7	14.7	12.8
Canal C19 Command Area 40 ha	18.2 18.6 18.8 18.9	19.0 19.4 19.6 19.7	23.2 23.3 23.7 24.0	22.3 22.6 23.0 23.6	29.0 29.7 30.0 30.3	22.6 23.2 23.4 23.6	61.7 66.0 68.3 70.0	52.0 55.4 57.4 59.0	22.7 26.1 28.1 29.7	17.4 20.0 21.9 23.5	11.1 12.4 13.1 13.6	8.7 10.0 10.2 10.5
1/2 (Exceedance)	18.2	19.0	23.2	22.3	29.0	22.6	14.1	3.1	61.7	22.7	20.2	17.4
1/10 (Exceedance)	18.6	19.4	24.2	23.3	29.7	23.2	15.7	4.6	66.0	26.1	23.4	20.0
1/20 (Exceedance)	18.8	19.6	24.6	23.7	30.0	23.4	16.3	5.3	68.3	28.1	25.3	21.9
Canal C20 Command Area 27 ha	11.9 12.1 12.2 12.3	12.4 12.6 12.7 12.8	15.0 15.6 15.9 16.1	14.3 15.0 15.3 15.5	18.4 18.8 19.0 19.2	14.1 14.5 14.6 14.8	50.5 52.4 53.9 54.9	42.0 44.9 46.4 47.5	35.4 37.7 39.0 40.2	15.4 17.7 19.0 20.1	11.9 13.6 14.9 16.0	7.4 8.2 8.6 8.9
1/2 (Exceedance)	11.9	12.4	15.0	14.3	18.4	14.1	8.8	1.9	50.5	42.0	35.4	30.1
1/10 (Exceedance)	12.1	12.6	15.6	15.0	18.8	14.5	9.8	2.9	52.4	44.9	37.7	36.7
1/20 (Exceedance)	12.2	12.7	15.9	15.3	19.0	14.6	10.2	3.3	54.9	46.4	39.0	37.0
Canal C21 Command Area 23 ha	10.0 10.2 10.3 10.4	10.5 10.7 10.8 10.9	12.8 13.3 13.6 13.8	12.3 12.9 13.1 13.3	16.2 16.6 16.8 16.9	12.7 13.0 13.2 13.3	30.1 32.0 33.1 34.0	30.1 32.0 33.1 34.0	30.1 32.0 33.1 34.0	13.1 15.0 16.2 17.1	10.1 11.6 12.6 13.6	6.2 7.0 7.3 7.6
1/2 (Exceedance)	10.0	10.5	12.8	12.3	16.2	12.7	7.9	1.7	30.1	32.0	33.1	34.0
1/10 (Exceedance)	10.2	10.7	13.3	12.9	16.6	13.0	8.8	2.6	32.0	35.0	36.7	37.0
1/20 (Exceedance)	10.3	10.8	13.6	13.1	16.8	13.2	9.1	3.0	33.1	36.2	37.7	38.1
Canal C22 Command Area 28 ha	9.7 9.9 9.9 10.0	10.1 10.3 10.3 10.4	11.9 12.3 12.6 12.8	11.4 11.8 12.1 12.3	15.6 15.8 16.0 16.1	12.2 12.5 12.7 12.8	40.4 42.8 44.1 45.1	40.4 42.8 44.1 45.1	40.4 42.8 44.1 45.1	17.1 18.3 19.3 20.5	14.2 15.5 16.6 17.6	8.6 9.0 9.3 9.6
1/2 (Exceedance)	9.7	10.1	11.9	11.4	15.6	12.2	6.5	0.3	40.4	42.8	44.1	45.1
1/10 (Exceedance)	9.9	10.3	12.3	11.8	15.2	11.9	5.7		42.8	45.1	46.4	47.5
1/20 (Exceedance)	9.9	10.3	12.6	12.1	16.0	12.5	4.8		44.1	46.4	47.5	48.6
1/2 (Exceedance)	9.7	10.1	11.9	11.4	15.6	12.2	6.5	0.3	40.4	42.8	44.1	45.1
1/10 (Exceedance)	9.9	10.3	12.3	11.8	15.2	11.9	5.7		42.8	45.1	46.4	47.5
1/20 (Exceedance)	9.9	10.3	12.6	12.1	16.0	12.5	4.8		44.1	46.4	47.5	48.6
1/2 (Exceedance)	9.7	10.1	11.9	11.4	15.6	12.2	6.5	0.3	40.4	42.8	44.1	45.1
1/10 (Exceedance)	9.9	10.3	12.3	11.8	15.2	11.9	5.7		42.8	45.1	46.4	47.5
1/20 (Exceedance)	9.9	10.3	12.6	12.1	16.0	12.5	4.8		44.1	46.4	47.5	48.6
1/2 (Exceedance)	9.7	10.1	11.9	11.4	15.6	12.2	6.5	0.3	40.4	42.8	44.1	45.1
1/10 (Exceedance)	9.9	10.3	12.3	11.8	15.2	11.9	5.7		42.8	45.1	46.4	47.5
1/20 (Exceedance)	9.9	10.3	12.6	12.1	16.0	12.5	4.8		44.1	46.4	47.5	48.6

Water Requirement (15/36)

Diversification 15 % (Case BD-3 & ABD-3 unit : 1/5)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.											
Canal C1 Command Area 61 ha	1/2	14.5	15.4	22.4	21.5	24.3	19.6	15.4	5.1	93.5	82.3	61.2	53.0	28.1	29.8	26.4	21.5	18.0	14.2	8.6	4.2	8.7	11.4	14.2
	1/5	14.9	15.8	22.9	22.0	24.8	20.0	16.4	6.1	95.9	86.2	65.1	57.3	32.4	33.8	30.4	26.4	22.9	18.0	9.8	4.3	8.8	11.6	14.4
	1/10	15.1	16.0	23.1	22.2	25.1	20.2	16.8	6.5	96.8	87.9	66.8	59.2	34.3	35.5	32.1	28.1	24.6	19.1	10.3	4.4	8.9	11.7	14.5
	1/20	15.2	16.1	23.2	22.3	25.2	20.4	17.1	6.8	97.5	89.2	68.1	60.6	35.7	36.8	33.5	29.1	25.6	20.1	10.7	4.4	8.9	11.7	14.6
	1/5 (Exceedance)	13.7	14.6	21.5	20.6	23.2	18.8	13.6	3.3	89.1	75.6	54.4	46.7	21.8	23.0	19.7	16.3	12.9	8.0	4.6	4.1	8.4	10.9	13.8
	1/10 (Exceedance)	13.1	14.1	20.8	20.0	22.5	18.2	12.2	1.9	86.2	72.0	50.9	44.0	19.1	19.6	16.3	12.9	8.0	4.6	4.6	3.9	8.2	10.6	13.5
	1/20 (Exceedance)	12.6	13.5	20.2	19.3	21.8	17.6	10.8	0.5	83.3	69.5	48.2	42.8	17.9	17.1	14.6	11.2	8.0	4.6	2.9	3.8	8.0	10.3	13.1
	1/2	72.6	77.1	111.9	107.6	121.5	97.9	76.8	25.6	459.5	404.7	300.9	260.5	137.9	146.5	130.0	154.8	135.6	42.4	21.4	43.7	57.0	71.1	71.1
	1/5	74.6	79.2	114.3	110.0	124.3	100.1	81.7	30.5	471.3	423.8	320.1	281.9	159.3	166.1	149.5	170.0	150.7	48.3	21.9	44.4	58.1	72.2	72.2
	1/10	75.5	80.0	115.3	111.0	125.4	101.0	83.8	32.5	475.9	432.2	328.5	291.1	168.6	174.6	158.1	176.7	157.4	50.8	22.1	44.7	58.5	72.6	72.6
Canal C2 Command Area 300 ha	1/20	76.1	80.7	116.0	111.7	126.3	101.7	85.3	34.1	479.2	438.5	334.8	298.1	175.5	181.0	164.5	181.8	162.6	52.7	22.2	44.9	58.8	72.9	72.9
	1/5 (Exceedance)	68.6	73.1	107.3	103.0	116.3	93.8	67.7	16.5	437.7	371.3	267.6	229.8	107.2	113.2	96.6	126.4	107.1	31.0	20.6	42.2	54.9	69.0	69.0
	1/10 (Exceedance)	65.8	70.3	104.1	99.8	112.8	90.9	60.9	9.6	423.8	353.7	250.0	216.4	93.8	96.2	80.0	107.7	88.5	22.7	19.9	41.2	53.4	67.4	67.4
	1/20 (Exceedance)	62.9	67.4	100.9	96.6	109.0	87.9	53.9	2.6	409.5	341.5	236.9	210.6	88.0	84.3	71.6	89.5	73.3	14.4	19.2	40.1	51.7	65.8	65.8
	1/2	34.6	36.7	54.7	52.5	58.0	46.6	37.2	12.8	222.2	196.7	146.8	128.4	69.5	75.7	67.8	77.3	68.1	20.0	10.2	20.8	27.2	34.0	34.0
	1/5	35.6	37.8	55.7	53.6	59.3	47.6	39.5	15.1	227.6	205.8	155.9	138.4	79.5	84.7	76.8	84.4	75.2	22.9	10.4	21.2	27.8	34.5	34.5
	1/10	36.0	38.2	56.1	54.0	59.9	48.1	40.4	16.0	229.7	209.8	159.9	142.8	83.8	88.7	80.7	87.6	78.4	24.1	10.5	21.3	28.0	34.7	34.7
	1/20	36.4	38.5	56.4	54.3	60.3	48.4	41.1	16.7	231.3	212.6	162.7	145.9	87.0	91.4	83.5	90.0	80.7	25.0	10.6	21.4	28.1	34.9	34.9
	1/5 (Exceedance)	32.5	34.7	52.7	50.5	55.4	44.6	33.0	8.6	211.6	180.3	130.4	112.5	53.6	59.3	51.4	63.9	54.7	14.1	9.7	20.0	26.1	32.9	32.9
	1/10 (Exceedance)	31.1	33.2	51.2	49.1	53.7	43.2	29.7	5.3	204.8	171.3	121.4	105.3	46.4	50.3	42.4	54.9	45.7	9.8	9.4	19.4	25.3	32.1	32.1
Canal C10 Command Area 91 ha	1/20 (Exceedance)	29.6	31.7	49.8	47.7	51.8	41.7	26.3	1.9	197.8	164.7	114.6	101.5	42.6	43.3	36.4	45.9	37.3	5.6	9.0	18.9	24.5	31.2	31.2
	1/2	22.8	24.2	27.8	26.4	34.7	27.7	17.7	2.7	123.0	102.8	73.1	61.7	26.5	23.0	19.7	27.0	21.9	13.2	6.8	13.7	17.6	21.8	21.8
	1/5	23.3	24.6	29.3	27.9	35.6	28.4	19.8	4.7	127.0	108.1	78.4	65.4	30.1	25.8	21.6	32.8	27.3	14.7	6.9	13.8	17.8	22.1	22.1
	1/10	23.4	24.8	29.9	28.5	36.0	28.8	20.6	5.6	128.9	111.0	81.3	67.7	32.5	27.9	23.1	35.5	29.9	15.4	6.9	13.8	17.9	22.2	22.2
	1/20	23.6	24.9	30.3	29.0	36.3	29.0	21.3	6.2	130.4	113.4	83.7	69.7	34.5	29.9	25.0	37.6	32.1	15.9	6.9	13.9	18.0	22.2	22.2
	1/5 (Exceedance)	22.1	23.5	25.6	24.3	33.3	26.7	14.7		117.1	97.8	67.6	60.9	25.7	24.0	20.4	21.0	17.1	11.1	6.7	13.5	17.3	21.5	21.5
	1/10 (Exceedance)	21.7	23.0	24.3	22.9	32.5	26.0	12.9		113.5	96.6	65.9	63.7	28.5	28.5	23.7	18.7	14.8	9.6	6.6	13.4	17.0	21.3	21.3
	1/20 (Exceedance)	21.3	22.6	23.0	21.6	31.5	25.3	11.2		111.0	96.5	65.8	69.4	34.2	36.3	31.5	17.0	13.2	8.1	6.6	13.3	16.8	21.0	21.0
	1/2	4.0	4.3	4.9	4.7	6.0	4.8	3.2	0.5	21.3	17.8	12.7	10.7	4.6	4.0	3.4	4.7	3.8	2.3	1.1	2.3	3.1	3.8	3.8
	1/5	4.1	4.4	5.2	4.9	6.1	4.9	3.5	0.8	22.0	18.7	13.6	11.3	5.3	4.5	3.7	5.7	4.7	2.5	1.1	2.4	3.1	3.9	3.9
Canal C15 Command Area 16 ha	1/10	4.2	4.4	5.3	5.0	6.2	5.0	3.7	1.0	22.3	19.2	14.1	11.8	5.7	4.9	4.0	6.2	5.2	2.7	1.1	2.4	3.1	3.9	3.9
	1/20	4.2	4.4	5.4	5.1	6.3	5.0	3.8	1.1	22.6	19.6	14.6	12.1	6.1	5.2	4.3	6.6	5.6	2.7	1.2	2.4	3.1	3.9	3.9
	1/5 (Exceedance)	3.9	4.2	4.5	4.3	5.7	4.6	2.6		20.2	16.9	11.7	10.6	4.5	4.2	3.5	3.6	2.9	1.9	1.1	2.3	3.0	3.8	3.8
	1/10 (Exceedance)	3.8	4.1	4.3	4.0	5.6	4.5	2.3		19.6	16.6	11.4	11.1	5.0	5.0	4.1	3.2	2.5	1.7	1.1	2.3	3.0	3.7	3.7
	1/20 (Exceedance)	3.8	4.0	4.1	3.8	5.4	4.4	2.0		19.1	16.6	11.4	12.1	6.0	6.4	5.5	2.9	2.3	1.4	1.1	2.3	2.9	3.7	3.7

Water Requirement (16/36)

Diversification 15 % (Case BD-3 & ABD-3 unit : I/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.											
Canal C18 Command Area 29 ha	1/2	7.0	7.4	9.0	8.6	11.0	8.8	5.8	1.2	40.1	33.8	24.2	20.3	9.0	7.9	6.7	9.8	8.0	4.2	2.1	4.2	5.3	6.8	
	1/5	7.2	7.6	9.4	9.0	11.2	9.0	6.4	1.8	41.4	35.6	26.0	21.7	10.4	9.2	7.7	11.5	9.8	4.7	2.2	4.3	5.5	6.8	
	1/10	7.2	7.7	9.6	9.2	11.4	9.1	6.7	2.0	41.9	36.5	26.9	22.6	11.2	10.0	8.5	12.4	10.6	4.9	2.2	4.3	5.6	6.9	
	1/20	7.3	7.7	9.7	9.3	11.4	9.1	6.9	2.2	42.4	37.2	27.6	23.2	11.9	10.7	9.2	13.0	11.2	5.0	2.2	4.3	5.6	6.9	
	1/5 (Exceedance)	6.8	7.2	8.4	8.0	10.5	8.4	4.9	0.2	38.3	31.8	22.2	19.4	8.1	7.3	6.3	7.4	6.1	3.4	2.1	4.1	4.2	5.3	6.6
	1/10 (Exceedance)	6.6	7.0	8.0	7.6	10.3	8.2	4.3		37.1	31.2	21.4	19.8	8.5	7.9	6.7	6.5	5.2	2.9	2.0	4.1	4.1	5.2	6.5
Canal C19 Command Area 40 ha	1/20 (Exceedance)	6.5	6.9	7.6	7.2	10.0	8.0	3.8		36.1	31.0	21.1	21.1	9.8	9.5	8.0	5.8	4.6	2.4	2.0	4.1	4.1	5.2	6.5
	1/2	10.0	10.6	12.9	12.4	15.8	12.8	8.5	1.7	54.6	46.0	33.0	27.7	12.3	10.8	9.1	13.3	10.9	5.7	3.0	6.0	7.8	9.7	
	1/5	10.2	10.8	13.5	12.9	16.2	13.1	9.4	2.6	56.3	48.4	35.5	29.7	14.3	12.7	10.5	15.8	13.3	6.3	3.0	6.1	7.9	9.8	
	1/10	10.3	10.9	13.7	13.2	16.4	13.2	9.8	2.9	57.1	49.7	36.8	30.8	15.4	13.8	11.6	16.9	14.5	6.6	3.0	6.1	7.9	9.8	
	1/20	10.4	11.0	13.9	13.4	16.5	13.3	10.0	3.2	57.7	50.7	37.8	31.8	16.4	14.7	12.5	17.8	15.4	6.9	3.1	6.1	8.0	9.8	
	1/5 (Exceedance)	9.7	10.3	12.0	11.5	15.2	12.3	7.2	0.3	52.0	43.1	30.2	26.5	11.1	9.9	8.5	10.0	8.3	4.6	2.9	5.9	7.6	9.5	
Canal C20 Command Area 27 ha	1/10 (Exceedance)	9.5	10.1	11.5	10.9	14.8	11.9	6.3		50.3	42.4	29.1	27.0	11.6	10.8	9.1	8.8	7.1	3.9	2.9	5.9	7.5	9.4	
	1/20 (Exceedance)	9.2	9.8	10.9	10.3	14.4	11.6	5.5		49.0	42.1	28.7	28.8	13.4	13.0	10.8	7.9	6.2	3.2	2.9	5.8	7.4	9.2	
	1/2	6.5	6.9	8.4	8.0	10.0	8.0	5.4	1.1	37.3	31.4	22.5	18.9	8.4	7.4	6.2	9.1	7.4	3.9	1.9	3.9	5.0	6.3	
	1/5	6.7	7.0	8.7	8.3	10.3	8.2	5.9	1.6	38.4	33.1	24.2	20.2	9.7	8.6	7.2	10.7	9.1	4.3	2.0	3.9	5.1	6.3	
	1/10	6.7	7.1	8.9	8.5	10.4	8.3	6.1	1.8	39.0	33.9	25.0	21.0	10.4	9.3	7.9	11.5	9.8	4.5	2.0	4.0	5.2	6.4	
	1/20	6.8	7.2	9.0	8.6	10.5	8.3	6.3	2.0	39.4	34.6	25.7	21.6	11.1	10.0	8.5	12.1	10.4	4.7	2.0	4.0	5.2	6.4	
Canal C21 Command Area 23 ha	1/5 (Exceedance)	6.3	6.7	7.8	7.4	9.6	7.7	4.5	0.2	35.5	29.5	20.6	18.1	7.5	6.7	5.8	6.8	5.7	3.2	1.9	3.8	4.9	6.2	
	1/10 (Exceedance)	6.2	6.5	7.4	7.0	9.4	7.5	4.0		34.4	29.0	19.9	18.4	7.9	7.3	6.2	6.0	4.9	2.7	1.9	3.8	4.9	6.1	
	1/20 (Exceedance)	6.0	6.4	7.0	6.6	9.1	7.3	3.5		33.5	28.8	19.6	19.6	9.1	8.8	7.4	5.4	4.2	2.2	1.8	3.8	4.8	6.0	
	1/2	5.5	5.8	7.1	6.8	8.8	7.2	4.8	1.0	31.6	26.6	19.1	16.0	7.1	6.2	5.3	7.7	6.3	3.3	1.6	3.3	4.3	5.3	
	1/5	5.6	6.0	7.5	7.1	9.1	7.3	5.3	1.4	32.6	28.0	20.5	17.1	8.2	7.3	6.1	9.1	7.7	3.7	1.7	3.4	4.3	5.4	
	1/10	5.7	6.0	7.6	7.3	9.2	7.4	5.5	1.6	33.0	28.8	21.2	17.8	8.9	7.9	6.7	9.8	8.4	3.8	1.7	3.4	4.4	5.4	
Canal C22 Command Area 28 ha	1/20	5.7	6.1	7.7	7.4	9.2	7.5	5.6	1.8	33.4	29.3	21.8	18.3	9.4	8.5	7.2	10.3	8.9	4.0	1.7	3.4	4.4	5.4	
	1/5 (Exceedance)	5.3	5.7	6.6	6.3	8.5	6.9	4.0	0.2	30.1	25.0	17.4	15.3	6.4	5.7	4.9	5.8	4.8	2.7	1.6	3.3	4.2	5.2	
	1/10 (Exceedance)	5.2	5.5	6.3	6.0	8.3	6.7	3.5		29.1	24.5	16.8	15.6	6.7	6.2	5.3	5.1	4.1	2.3	1.6	3.2	4.1	5.1	
	1/20 (Exceedance)	5.1	5.4	6.0	5.7	8.1	6.5	3.1		28.4	24.4	16.6	16.6	7.7	7.5	6.3	4.6	3.6	1.9	1.6	3.2	4.0	5.1	
	1/2	7.0	7.4	9.0	8.6	11.0	8.7	5.8	1.2	38.7	32.6	23.3	19.6	8.7	7.6	6.5	9.4	7.7	4.0	2.2	4.3	5.5	6.8	
	1/5	7.2	7.6	9.4	9.0	11.3	9.0	6.4	1.8	39.9	34.3	25.1	21.0	10.1	8.9	7.5	11.1	9.4	4.5	2.2	4.3	5.6	6.9	
Canal C22 Command Area 28 ha	1/10	7.2	7.6	9.6	9.2	11.4	9.1	6.6	2.0	40.5	35.2	26.0	21.8	10.8	9.7	8.2	11.9	10.2	4.7	2.2	4.3	5.6	6.9	
	1/20	7.3	7.7	9.7	9.3	11.5	9.1	6.8	2.2	40.9	35.9	26.6	22.4	11.5	10.3	8.9	12.5	10.8	4.9	2.2	4.3	5.6	6.9	
	1/5 (Exceedance)	6.8	7.2	8.4	8.0	10.5	8.4	4.8	0.2	36.9	30.6	21.4	18.8	7.8	7.0	6.0	7.1	5.9	3.3	2.1	4.2	5.4	6.7	
	1/10 (Exceedance)	6.6	7.0	8.0	7.6	10.3	8.2	4.3		35.8	30.1	20.6	19.1	8.2	7.6	6.5	6.3	5.1	2.8	2.1	4.2	5.3	6.6	
	1/20 (Exceedance)	6.5	6.9	7.6	7.2	10.0	8.0	3.7		34.8	29.9	20.3	20.4	9.4	9.1	7.7	5.6	4.4	2.3	2.1	4.1	5.2	6.5	
	1/2	6.5	6.9	7.6	7.2	10.0	8.0	3.7		34.8	29.9	20.3	20.4	9.4	9.1	7.7	5.6	4.4	2.3	2.1	4.1	5.2	6.5	

Water Requirement (17/36)

Diversification 20 % (Case D-I & AD-I unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C1 Command Area 61 ha	1/2	25.8	27.9	40.5	38.7	42.9	35.8	29.7	9.2	160.5	141.5	106.9	92.4	50.1	53.1	46.4	55.8	48.5	14.6	6.3	14.4	19.3	24.9
	1/5	26.6	28.6	41.3	39.6	43.9	36.6	31.5	11.0	165.0	148.7	114.1	100.5	58.2	60.5	53.8	61.5	54.3	16.7	6.4	14.7	19.7	25.3
	1/10	26.9	29.0	41.7	40.0	44.3	36.9	32.2	11.7	166.7	151.9	117.3	104.0	61.7	63.7	57.0	64.1	56.8	17.5	6.5	14.8	19.8	25.4
	1/20	27.1	29.2	42.0	40.2	44.6	37.2	32.8	12.3	167.9	154.3	119.7	106.6	64.3	66.2	59.4	66.0	58.7	18.2	6.5	14.9	19.9	25.6
	1/5 (Exceedance)	24.4	26.5	38.8	37.1	41.1	34.3	26.4	5.9	152.3	128.9	94.3	80.8	38.5	40.6	33.8	45.1	37.8	10.7	6.0	13.9	18.5	24.1
Canal C2 Command Area 300 ha	1/10 (Exceedance)	23.4	25.5	37.7	35.9	39.8	33.3	23.9	3.5	147.1	122.3	87.7	75.8	33.5	34.2	27.6	38.0	30.8	7.8	5.8	13.5	18.0	23.6
	1/20 (Exceedance)	22.4	24.4	36.5	34.8	38.4	32.2	21.4	0.9	141.7	117.7	82.7	73.6	31.3	29.6	24.7	31.2	25.3	4.9	5.6	13.1	17.4	23.0
	1/2	129.3	139.5	202.4	193.7	215.0	178.8	147.8	46.0	788.9	695.5	525.5	454.3	246.6	261.3	228.2	274.5	238.7	71.9	31.9	72.5	96.8	124.7
	1/5	133.0	143.2	206.6	198.0	219.9	182.7	156.6	54.8	810.9	731.1	561.1	493.9	286.2	297.6	264.6	302.6	266.8	81.8	32.6	73.8	98.7	126.6
	1/10	134.6	144.8	208.5	199.8	222.0	184.4	160.3	58.6	819.3	746.7	576.7	511.1	303.5	313.5	280.4	315.1	279.2	86.1	32.9	74.4	99.5	127.4
Canal C9 Command Area 144 ha	1/20	135.7	145.9	209.8	201.1	223.5	185.6	163.1	61.3	825.5	758.4	588.4	524.0	316.3	325.4	292.3	324.6	288.8	89.3	33.1	74.7	100.1	128.0
	1/5 (Exceedance)	122.1	132.3	194.1	185.4	205.6	171.3	131.4	29.6	748.5	633.5	463.6	397.2	189.5	199.4	166.3	221.6	185.8	52.5	30.5	69.9	93.0	120.9
	1/10 (Exceedance)	117.1	127.3	188.4	179.7	199.2	166.2	119.1	17.3	722.7	600.8	430.9	372.4	164.7	167.9	135.5	187.0	151.2	38.4	29.6	68.0	90.2	118.1
	1/20 (Exceedance)	111.9	122.1	182.5	173.8	192.4	160.8	106.5	4.7	696.1	578.6	406.5	361.5	153.8	145.7	121.2	153.2	124.2	24.3	28.5	66.0	87.3	115.2
	1/2	61.6	66.5	98.8	94.6	102.6	85.1	71.6	23.1	381.6	338.4	256.7	224.3	124.4	135.4	119.6	137.3	120.1	33.8	15.2	34.5	46.2	59.6
Canal C10 Command Area 144 ha	1/5	63.5	68.3	100.6	96.4	105.0	87.0	75.6	27.2	391.8	355.3	273.5	242.8	143.0	152.2	136.3	150.5	133.3	38.7	15.5	35.1	47.2	60.6
	1/10	64.2	69.1	101.4	97.2	105.9	87.7	77.4	28.9	395.7	362.7	280.9	251.0	151.1	159.5	143.6	156.4	139.3	40.8	15.6	35.4	47.6	61.0
	1/20	64.8	69.7	101.9	97.7	106.7	88.3	78.6	30.1	398.5	367.9	286.2	256.8	157.0	164.6	148.8	160.8	143.6	42.4	15.8	35.6	47.8	61.2
	1/5 (Exceedance)	57.9	62.7	95.2	91.0	98.0	81.4	63.9	15.4	362.0	307.8	226.1	194.8	95.0	104.9	89.1	112.4	95.2	23.9	14.4	33.1	44.2	57.6
	1/10 (Exceedance)	55.3	60.1	92.7	88.4	94.8	78.9	58.0	9.5	349.3	291.3	209.5	181.3	81.5	88.2	72.4	95.7	78.5	16.7	13.9	32.1	42.8	56.2
Canal C10 Command Area 91 ha	1/20 (Exceedance)	52.6	57.4	90.0	85.8	91.4	76.2	52.0	3.5	336.4	279.1	196.9	174.3	74.4	75.2	61.6	79.0	63.1	9.6	13.3	31.0	41.2	54.6
	1/2	40.7	43.7	50.3	47.6	50.7	44.8	4.9		210.0	174.9	126.3	106.2	46.6	39.6	33.3	46.4	37.1	22.4	10.1	22.8	29.9	38.3
	1/5	41.5	44.5	52.9	50.2	52.9	46.0	8.5		217.5	184.8	136.2	113.0	53.3	44.9	36.7	57.3	46.9	24.9	10.2	22.9	30.3	38.7
	1/10	41.8	44.8	54.0	51.3	53.6	46.5	10.1		221.0	190.2	141.6	117.4	57.7	48.8	39.2	62.3	51.9	26.1	10.3	23.0	30.5	38.9
	1/20	42.1	45.1	54.9	52.1	54.2	47.3	11.2		223.8	194.6	146.0	121.2	61.5	52.4	42.7	66.3	55.9	26.9	10.3	23.1	30.6	39.0
Canal C15 Command Area 16 ha	1/5 (Exceedance)	39.5	42.5	46.4	43.7	46.8	40.8	29.4		199.0	165.6	116.0	104.8	45.1	41.5	34.6	35.5	28.9	18.7	10.0	22.5	29.3	37.7
	1/10 (Exceedance)	38.7	41.7	44.0	41.3	44.3	38.3	26.2		192.3	163.6	112.8	100.0	50.3	49.9	40.2	31.6	25.0	16.3	9.8	22.3	28.9	37.3
	1/20 (Exceedance)	37.9	40.9	41.6	38.9	41.6	36.3	23.1		188.1	163.4	112.6	120.6	60.9	64.5	54.8	28.9	22.3	13.7	9.7	22.0	28.5	36.8
	1/2	7.2	7.8	8.9	8.4	10.5	8.8	6.2	0.8	36.3	30.2	21.9	18.4	8.1	6.9	5.7	8.0	6.4	3.9	1.7	3.9	5.2	6.7
	1/5	7.4	7.9	9.4	8.9	10.8	9.0	6.8	1.5	37.6	32.0	23.7	19.6	9.3	7.8	6.3	10.0	8.1	4.3	1.7	3.9	5.3	6.8
Canal C15 Command Area 16 ha	1/10	7.4	8.0	9.6	9.0	11.0	9.1	7.1	1.7	38.3	32.9	24.6	20.4	10.1	8.5	6.8	10.9	9.0	4.5	1.7	4.0	5.3	6.9
	1/20	7.5	8.0	9.7	9.2	11.1	9.1	7.3	1.9	38.8	33.7	25.4	21.1	10.8	9.1	7.4	11.6	9.7	4.6	1.7	4.0	5.3	6.9
	1/5 (Exceedance)	7.0	7.6	8.2	7.7	10.1	8.4	5.3		34.4	28.6	20.1	18.1	7.9	7.2	6.0	6.1	5.0	3.2	1.6	3.9	5.1	6.6
	1/10 (Exceedance)	6.9	7.4	7.8	7.3	9.8	8.2	4.7		33.2	28.2	19.5	19.1	8.8	8.7	6.9	5.4	4.3	2.8	1.6	3.8	5.0	6.6
	1/20 (Exceedance)	6.7	7.3	7.4	6.8	9.5	8.0	4.2		32.4	28.2	19.5	21.0	10.7	11.3	9.5	5.0	3.8	2.4	1.6	3.8	4.9	6.5

Water Requirement (18/36)

Diversification 20 % (Case D-4 & AD-4 unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C18 Command Area 29 ha	1/2	12.5	13.5	16.4	15.5	19.3	16.0	11.4	2.1	68.6	57.6	41.9	35.1	15.9	13.7	11.4	16.9	13.6	7.1	3.1	7.0	9.3	11.9
	1/5	12.8	13.7	17.0	16.2	19.8	16.4	12.5	3.2	70.9	61.0	45.2	37.7	18.5	16.2	13.2	20.2	16.9	7.9	3.2	7.1	9.4	12.0
	1/10	12.9	13.8	17.4	16.5	20.1	16.6	12.9	3.6	72.0	62.7	47.0	39.2	20.0	17.7	14.6	21.8	18.5	8.3	3.2	7.2	9.5	12.1
	1/20	13.0	13.9	17.6	16.8	20.2	16.7	13.3	4.0	72.8	64.0	48.3	40.5	21.3	18.9	15.9	22.9	19.6	8.6	3.2	7.2	9.5	12.1
	1/5 (Exceedance)	12.1	13.0	15.2	14.4	18.6	15.4	9.8	0.4	65.1	53.8	38.1	33.4	14.2	12.5	10.6	12.5	10.3	5.8	3.1	6.9	9.1	11.6
	1/10 (Exceedance)	11.8	12.7	14.5	13.6	18.1	15.0	8.7		62.9	52.9	36.6	34.1	14.9	13.7	11.3	11.0	8.9	4.9	3.0	6.8	8.9	11.5
Canal C19 Command Area 40 ha	1/20 (Exceedance)	11.5	12.5	13.7	12.9	17.5	14.6	7.7		61.1	52.5	36.1	36.5	17.3	16.6	13.6	9.9	7.7	4.0	3.0	6.8	8.8	11.3
	1/2	17.9	19.2	23.4	22.3	28.0	23.3	16.6	3.1	93.3	78.3	57.2	47.8	21.8	18.7	15.4	23.2	18.6	9.6	4.5	10.1	13.2	16.9
	1/5	18.3	19.6	24.4	23.3	28.7	23.9	18.2	4.6	96.5	83.0	61.8	51.5	25.4	22.2	17.9	27.7	23.1	10.7	4.5	10.2	13.4	17.1
	1/10	18.4	19.8	24.9	23.7	29.0	24.1	18.8	5.3	98.0	85.4	64.3	53.6	27.5	24.2	19.9	29.9	25.3	11.2	4.5	10.2	13.5	17.2
	1/20	18.5	19.9	25.2	24.0	29.2	24.3	19.3	5.8	99.2	87.2	66.1	55.4	29.3	26.0	21.7	31.5	26.9	11.6	4.6	10.2	13.6	17.3
	1/5 (Exceedance)	17.3	18.6	21.8	20.6	26.9	22.4	14.2	0.6	88.5	73.1	51.9	45.5	19.4	17.0	14.4	16.9	14.0	7.9	4.4	9.9	12.9	16.6
Canal C20 Command Area 27 ha	1/10 (Exceedance)	16.8	18.2	20.7	19.6	26.2	21.8	12.7		85.4	71.8	49.9	46.5	20.5	18.7	15.4	14.9	12.0	6.7	4.3	9.8	12.7	16.4
	1/20 (Exceedance)	16.4	17.8	19.7	18.5	25.4	21.2	11.2		83.0	71.3	49.1	49.8	23.8	22.8	18.4	13.4	10.5	5.4	4.2	9.7	12.5	16.2
	1/2	11.6	12.5	15.1	14.3	17.7	14.6	10.5	1.9	63.7	53.5	38.9	32.6	14.8	12.8	10.6	15.8	12.7	6.6	2.9	6.5	8.6	11.0
	1/5	11.9	12.7	15.8	15.0	18.1	14.9	11.5	2.9	65.9	56.6	42.0	35.0	17.2	15.1	12.2	18.8	15.8	7.3	2.9	6.5	8.7	11.1
	1/10	12.0	12.9	16.1	15.3	18.3	15.1	11.9	3.3	66.9	58.3	43.7	36.5	18.6	16.4	13.6	20.3	17.2	7.7	2.9	6.6	8.7	11.2
	1/20	12.1	12.9	16.3	15.5	18.5	15.2	12.2	3.6	67.7	59.5	44.9	37.7	19.8	17.6	14.8	21.3	18.3	7.9	2.9	6.6	8.8	11.2
Canal C21 Command Area 23 ha	1/5 (Exceedance)	11.2	12.1	14.1	13.3	16.9	14.0	9.0	0.4	60.5	50.0	35.4	31.0	13.2	11.6	9.8	11.6	9.6	5.4	2.8	6.3	8.4	10.8
	1/10 (Exceedance)	11.0	11.8	13.4	12.6	16.5	13.7	8.0		58.4	49.1	34.0	31.7	13.9	12.7	10.5	10.2	8.2	4.6	2.8	6.3	8.2	10.6
	1/20 (Exceedance)	10.7	11.6	12.7	11.9	16.0	13.3	7.1		56.8	48.8	33.5	33.9	16.1	15.4	12.6	9.1	7.2	3.7	2.7	6.2	8.1	10.5
	1/2	9.8	10.6	12.9	12.3	15.6	13.1	9.4	1.7	53.9	45.3	33.0	27.6	12.5	10.8	8.9	13.4	10.7	5.5	2.4	5.5	7.3	9.3
	1/5	10.0	10.8	13.5	12.9	16.0	13.4	10.2	2.6	55.8	48.0	35.7	29.7	14.6	12.8	10.3	16.0	13.4	6.2	2.5	5.6	7.4	9.4
	1/10	10.1	10.9	13.7	13.1	16.2	13.6	10.6	3.0	56.7	49.4	37.1	30.9	15.9	14.0	11.5	17.2	14.6	6.5	2.5	5.6	7.4	9.5
Canal C22 Command Area 28 ha	1/20	10.2	11.0	13.9	13.3	16.3	13.7	10.9	3.2	57.3	50.4	38.1	32.0	16.9	15.0	12.5	18.1	15.5	6.7	2.5	5.6	7.4	9.5
	1/5 (Exceedance)	9.5	10.2	12.0	11.4	15.0	12.6	8.0	0.3	51.2	42.3	30.0	26.3	11.2	9.8	8.3	9.8	8.1	4.6	2.4	5.4	7.1	9.1
	1/10 (Exceedance)	9.3	10.0	11.5	10.8	14.6	12.3	7.1		49.4	41.6	28.8	26.9	11.8	10.8	8.9	8.6	7.0	3.9	2.3	5.4	7.0	9.0
	1/20 (Exceedance)	9.0	9.8	10.9	10.3	14.2	11.9	6.3		48.0	41.3	28.4	28.8	13.7	13.1	10.7	7.7	6.1	3.1	2.3	5.3	6.8	8.9
	1/2	12.5	13.4	16.3	15.5	19.4	16.0	11.3	2.1	66.1	55.6	40.4	33.8	15.3	13.2	11.0	16.4	13.2	6.8	3.2	7.1	9.4	11.9
	1/5	12.8	13.7	17.0	16.2	19.9	16.4	12.4	3.2	68.4	58.8	43.6	36.4	17.9	15.6	12.7	19.5	16.3	7.6	3.3	7.2	9.5	12.1
Canal C22 Command Area 28 ha	1/10	12.9	13.8	17.3	16.5	20.1	16.5	12.8	3.6	69.4	60.5	45.3	37.8	19.3	17.1	14.1	21.0	17.8	8.0	3.3	7.2	9.6	12.1
	1/20	13.0	13.9	17.6	16.8	20.3	16.7	13.2	4.0	70.2	61.7	46.6	39.1	20.6	18.3	15.3	22.1	19.0	8.2	3.3	7.3	9.6	12.2
	1/5 (Exceedance)	12.1	13.0	15.2	14.4	18.6	15.4	9.6	0.4	62.8	51.9	36.7	32.2	13.7	12.1	10.2	12.0	10.0	5.6	3.2	7.0	9.1	11.7
	1/10 (Exceedance)	11.8	12.7	14.5	13.6	18.1	15.0	8.6		60.7	51.0	35.3	32.9	14.4	13.2	10.9	10.6	8.6	4.7	3.1	6.9	9.0	11.5
	1/20 (Exceedance)	11.5	12.4	13.7	12.9	17.6	14.6	7.6		59.0	50.7	34.8	35.2	16.7	16.0	13.1	9.5	7.5	3.9	3.1	6.8	8.8	11.4

Water Requirement (21/36)

Diversification 20 % (Case BD-I & ABD-I unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C1 Command Area 61 ha	1/2	14.4	15.5	22.5	21.5	23.9	19.9	16.5	5.1	89.2	78.6	59.4	51.3	27.9	29.5	25.8	31.0	27.0	8.1	3.5	8.0	10.7	13.8
	1/5	14.8	15.9	23.0	22.0	24.4	20.3	17.5	6.1	91.7	82.6	63.4	55.8	32.3	33.6	29.9	34.2	30.1	9.3	3.6	8.2	10.9	14.0
	1/10	14.9	16.1	23.2	22.2	24.6	20.5	17.9	6.5	92.6	84.4	65.2	57.8	34.3	35.4	31.7	35.6	31.6	9.7	3.6	8.2	11.0	14.1
	1/20	15.1	16.2	23.3	22.3	24.8	20.6	18.2	6.8	93.3	85.7	66.5	59.2	35.7	36.8	33.0	36.7	32.6	10.1	3.6	8.3	11.1	14.2
	1/5 (Exceedance)	13.6	14.7	21.6	20.6	22.8	19.1	14.7	3.3	84.6	71.6	52.4	44.9	21.4	22.5	18.8	25.0	21.0	5.9	3.3	7.7	10.3	13.4
	1/10 (Exceedance)	13.0	14.1	20.9	20.0	22.1	18.5	13.3	1.9	81.7	67.9	48.7	42.1	18.6	19.0	15.3	21.1	17.1	4.3	3.2	7.5	10.0	13.1
Canal C2 Command Area 300 ha	1/2	12.4	13.6	20.3	19.3	21.4	17.9	11.9	0.5	78.7	65.4	46.0	40.9	17.4	16.5	13.7	17.3	14.0	2.7	3.1	7.3	9.7	12.8
	1/5	71.8	77.5	112.4	107.6	119.4	99.3	82.1	25.6	438.3	386.4	291.9	252.4	137.0	145.2	126.8	152.5	132.6	39.9	17.7	40.3	53.8	69.3
	1/10	73.9	79.6	114.8	110.0	122.2	101.5	87.0	30.5	450.5	406.2	311.7	274.4	159.0	165.4	147.0	168.1	148.2	45.5	18.1	41.0	54.9	70.4
	1/20	74.8	80.4	115.8	111.0	123.3	102.4	89.1	32.5	455.2	414.8	320.4	284.0	168.6	174.1	155.8	175.0	155.1	47.8	18.3	41.3	55.3	70.8
	1/5 (Exceedance)	75.4	81.0	116.5	111.7	124.1	103.1	90.6	34.1	458.6	421.3	326.9	291.1	175.7	180.8	162.4	180.3	160.4	49.6	18.4	41.5	55.6	71.1
	1/10 (Exceedance)	67.8	73.5	107.8	103.0	114.2	95.2	73.0	16.5	415.8	352.0	257.5	220.6	105.3	110.8	92.4	123.1	103.2	29.2	17.0	38.8	51.6	67.2
Canal C9 Command Area 144 ha	1/2	65.0	70.7	104.6	99.8	110.7	92.3	66.2	9.6	401.5	333.8	239.4	206.9	91.5	93.3	75.3	103.9	84.0	21.4	16.4	37.8	50.1	65.6
	1/5 (Exceedance)	62.2	67.8	101.4	96.6	106.9	89.3	59.2	2.6	386.7	321.4	225.8	200.8	85.5	80.9	67.4	85.1	69.0	13.5	15.8	36.7	48.5	64.0
	1/10	34.2	36.9	54.9	52.5	57.0	47.3	39.8	12.8	212.0	188.0	142.6	124.6	69.1	75.2	66.4	76.3	66.7	18.8	8.4	19.2	25.7	33.1
	1/20	35.3	38.0	55.9	53.6	58.3	48.3	42.0	15.1	217.7	197.4	152.0	134.9	79.4	84.5	75.7	83.6	74.1	21.5	8.6	19.5	26.2	33.6
	1/5 (Exceedance)	35.7	38.4	56.3	54.0	58.9	48.7	43.0	16.0	219.8	201.5	156.1	139.4	84.0	88.6	79.8	86.9	77.4	22.7	8.7	19.7	26.4	33.9
	1/10 (Exceedance)	36.0	38.7	56.6	54.3	59.3	49.1	43.7	16.7	221.4	204.4	159.0	142.7	87.2	91.4	82.6	89.3	79.8	23.5	8.8	19.8	26.6	34.0
Canal C10 Command Area 91 ha	1/2	32.2	34.9	52.9	50.5	54.4	45.2	35.5	8.6	201.1	171.0	125.6	108.2	52.8	58.3	49.5	62.4	52.9	13.3	8.0	18.4	24.6	32.0
	1/5 (Exceedance)	30.7	33.4	51.5	49.1	52.7	43.8	32.2	5.3	194.1	161.8	116.4	100.7	45.3	49.0	40.2	53.2	43.6	9.3	7.7	17.8	23.8	31.2
	1/10	29.2	31.9	50.0	47.7	50.8	42.3	28.9	1.9	186.9	155.1	109.4	96.8	41.4	41.8	34.2	43.9	35.1	5.3	7.4	17.2	22.9	30.4
	1/20	22.6	24.3	28.0	26.4	34.0	28.2	19.3	2.7	116.7	97.2	70.2	59.0	25.9	22.0	18.5	25.8	20.6	12.4	5.6	12.6	16.6	21.3
	1/5 (Exceedance)	23.0	24.7	29.4	27.9	34.9	28.9	21.4	4.7	120.8	102.7	75.7	62.8	29.6	24.9	20.4	31.8	26.0	13.8	5.7	12.7	16.9	21.5
	1/10 (Exceedance)	23.2	24.9	30.0	28.5	35.4	29.2	22.3	5.6	122.8	105.7	78.7	65.2	32.0	27.1	21.8	34.6	28.8	14.5	5.7	12.8	17.0	21.6
Canal C15 Command Area 16 ha	1/2	23.4	25.1	30.5	29.0	35.7	29.4	22.9	6.2	124.3	108.1	81.1	67.3	34.2	29.1	23.7	36.8	31.0	15.0	5.7	12.8	17.0	21.7
	1/5 (Exceedance)	21.9	23.6	25.8	24.3	32.7	27.1	16.3		110.6	92.0	64.5	58.2	25.0	23.1	19.2	19.7	16.1	10.4	5.5	12.5	16.3	20.9
	1/10	21.5	23.2	24.5	22.9	31.8	26.4	14.6		106.8	90.9	62.7	61.1	28.0	27.7	22.4	17.6	13.9	9.0	5.5	12.4	16.0	20.7
	1/20	21.0	22.7	23.1	21.6	30.9	25.7	12.8		104.5	90.8	62.6	67.0	33.8	35.8	30.4	16.0	12.4	7.6	5.4	12.2	15.8	20.5
	1/5 (Exceedance)	4.0	4.3	5.0	4.7	5.9	4.9	3.4	0.5	20.2	16.8	12.2	10.2	4.5	3.8	3.2	4.5	3.6	2.1	0.9	2.2	2.9	3.7
	1/10 (Exceedance)	4.1	4.4	5.2	4.9	6.0	5.0	3.8	0.8	20.9	17.8	13.2	10.9	5.2	4.3	3.5	4.5	3.5	2.4	0.9	2.2	2.9	3.8
Canal C15 Command Area 16 ha	1/2	4.1	4.4	5.3	5.0	6.1	5.0	3.9	1.0	21.3	18.3	13.7	11.3	5.6	4.7	3.8	6.0	5.0	2.5	0.9	2.2	3.0	3.8
	1/5 (Exceedance)	4.1	4.5	5.4	5.1	6.1	5.1	4.0	1.1	21.5	18.7	14.1	11.7	6.0	5.1	4.1	6.4	5.4	2.6	0.9	2.2	3.0	3.8
	1/10	3.9	4.2	4.6	4.3	5.6	4.7	2.9		19.1	15.9	11.2	10.1	4.4	4.0	3.3	3.4	2.8	1.8	0.9	2.1	2.8	3.7
	1/20	3.8	4.1	4.3	4.0	5.5	4.6	2.6		18.4	15.7	10.8	10.6	4.9	4.8	3.9	3.0	2.4	1.6	0.9	2.1	2.8	3.6
	1/5 (Exceedance)	3.7	4.0	4.1	3.8	5.3	4.4	2.3		18.0	15.7	10.8	11.6	5.9	6.3	5.3	2.8	2.1	1.3	0.9	2.1	2.7	3.6
	1/10 (Exceedance)	3.7	4.0	4.1	3.8	5.3	4.4	2.3		18.0	15.7	10.8	11.6	5.9	6.3	5.3	2.8	2.1	1.3	0.9	2.1	2.7	3.6

Water Requirement (22/36)

Diversification 20 % (Case BD-1 & ABD-1 unit : h/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.										
Canal C18 Command Area 29 ha	1/2	7.0	7.5	9.1	8.6	10.7	8.9	6.4	1.2	38.1	32.0	23.3	19.5	8.8	7.6	6.3	9.4	7.6	3.9	1.7	3.9	5.2	6.6
	1/5	7.1	7.6	9.5	9.0	11.0	9.1	7.0	1.8	39.4	33.9	25.1	20.9	10.3	9.0	7.3	11.2	9.4	4.4	1.8	4.0	5.2	6.7
	1/10	7.2	7.7	9.6	9.2	11.1	9.2	7.2	2.0	40.0	34.8	26.1	21.8	11.1	9.8	8.1	12.1	10.3	4.6	1.8	4.0	5.3	6.7
	1/20	7.2	7.7	9.8	9.3	11.2	9.3	7.4	2.2	40.5	35.6	26.8	22.5	11.8	10.5	8.8	12.7	10.9	4.8	1.8	4.0	5.3	6.7
	1/5 (1 Exceedance)	6.7	7.2	8.4	8.0	10.3	8.6	5.4	0.2	36.2	29.9	21.2	18.6	7.9	6.9	5.9	6.9	5.7	3.2	1.7	3.8	5.0	6.5
	1/10 (1 Exceedance)	6.6	7.1	8.0	7.6	10.0	8.3	4.8		34.9	29.4	20.4	19.0	8.3	7.6	6.3	6.1	4.9	2.7	1.7	3.8	4.9	6.4
	1/20 (1 Exceedance)	6.4	6.9	7.6	7.2	9.7	8.1	4.3		34.0	29.2	20.0	20.3	9.6	9.2	7.5	5.5	4.3	2.2	1.7	3.8	4.9	6.3
	1/2	9.9	10.7	13.0	12.4	15.5	12.9	9.2	1.7	51.8	43.5	31.8	26.6	12.1	10.4	8.6	12.9	10.3	5.3	2.5	5.6	7.3	9.4
Canal C19 Command Area 40 ha	1/5	10.1	10.9	13.6	12.9	15.9	13.3	10.1	2.6	53.6	46.1	34.3	28.6	14.1	12.3	9.9	15.4	12.9	6.0	2.5	5.6	7.5	9.5
	1/10	10.2	11.0	13.8	13.2	16.1	13.4	10.5	2.9	54.5	47.4	35.7	29.8	15.3	13.5	11.1	16.6	14.0	6.2	2.5	5.7	7.5	9.6
	1/20	10.3	11.1	14.0	13.4	16.2	13.5	10.7	3.2	55.1	48.5	36.7	30.8	16.3	14.4	12.0	17.5	14.9	6.4	2.5	5.7	7.5	9.6
	1/5 (1 Exceedance)	9.6	10.3	12.1	11.5	14.9	12.4	7.9	0.3	49.2	40.6	28.8	25.3	10.8	9.5	8.0	9.4	7.8	4.4	2.4	5.5	7.2	9.2
	1/10 (1 Exceedance)	9.4	10.1	11.5	10.9	14.5	12.1	7.0		47.4	39.9	27.7	25.8	11.4	10.4	8.6	8.3	6.7	3.7	2.4	5.4	7.1	9.1
	1/20 (1 Exceedance)	9.1	9.9	10.9	10.3	14.1	11.8	6.2		46.1	39.6	27.3	27.7	13.2	12.6	10.2	7.4	5.8	3.0	2.4	5.4	6.9	9.0
	1/2	6.5	6.9	8.4	8.0	9.8	8.1	5.9	1.1	35.4	29.7	21.6	18.1	8.2	7.1	5.9	8.8	7.0	3.6	1.6	3.6	4.8	6.1
	1/5	6.6	7.1	8.8	8.3	10.1	8.3	6.4	1.6	36.6	31.5	23.4	19.5	9.6	8.4	6.8	10.5	8.8	4.1	1.6	3.6	4.8	6.2
Canal C20 Command Area 27 ha	1/10	6.7	7.1	8.9	8.5	10.2	8.4	6.6	1.8	37.2	32.4	24.3	20.3	10.4	9.1	7.6	11.3	9.5	4.3	1.6	3.6	4.9	6.2
	1/20	6.7	7.2	9.1	8.6	10.3	8.5	6.8	2.0	37.6	33.0	24.9	20.9	11.0	9.8	8.2	11.9	10.1	4.4	1.6	3.7	4.9	6.2
	1/5 (1 Exceedance)	6.2	6.7	7.8	7.4	9.4	7.8	5.0	0.2	33.6	27.8	19.7	17.2	7.3	6.5	5.5	6.4	5.3	3.0	1.6	3.5	4.6	6.0
	1/10 (1 Exceedance)	6.1	6.6	7.4	7.0	9.2	7.6	4.5		32.5	27.3	18.9	17.6	7.7	7.1	5.9	5.7	4.6	2.5	1.5	3.5	4.6	5.9
	1/20 (1 Exceedance)	5.9	6.4	7.1	6.6	8.9	7.4	4.0		31.5	27.1	18.6	18.8	8.9	8.6	7.0	5.1	4.0	2.1	1.5	3.4	4.5	5.8
	1/2	5.5	5.9	7.2	6.8	8.7	7.3	5.2	1.0	30.0	25.2	18.3	15.4	7.4	6.0	5.0	7.4	6.0	3.1	1.3	3.1	4.0	5.2
	1/5	5.6	6.0	7.5	7.1	8.9	7.5	5.7	1.4	31.0	26.7	19.8	16.5	8.1	7.1	5.7	8.9	7.4	3.4	1.4	3.1	4.1	5.2
	1/10	5.6	6.0	7.6	7.3	9.0	7.5	5.9	1.6	31.5	27.4	20.6	17.2	8.8	7.8	6.4	9.6	8.1	3.6	1.4	3.1	4.1	5.3
Canal C21 Command Area 23 ha	1/20	5.7	6.1	7.7	7.4	9.1	7.6	6.0	1.8	31.9	28.0	21.2	17.8	9.4	8.3	7.0	10.1	8.6	3.7	1.4	3.1	4.1	5.3
	1/5 (1 Exceedance)	5.3	5.7	6.7	6.3	8.3	7.0	4.4	0.2	28.4	23.5	16.7	14.6	6.2	5.5	4.6	5.4	4.5	2.5	1.3	3.0	3.9	5.1
	1/10 (1 Exceedance)	5.1	5.6	6.4	6.0	8.1	6.8	4.0		27.5	23.1	16.0	14.9	6.6	6.0	5.0	4.8	3.9	2.1	1.3	3.0	3.9	5.0
	1/20 (1 Exceedance)	5.0	5.4	6.0	5.7	7.9	6.6	3.5		26.7	22.9	15.8	16.0	7.6	7.3	5.9	4.3	3.4	1.7	1.3	2.9	3.8	4.9
	1/2	7.0	7.5	9.1	8.6	10.8	8.9	6.3	1.2	36.7	30.9	22.4	18.8	8.5	7.4	6.1	9.1	7.3	3.8	1.8	4.0	5.2	6.6
	1/5	7.1	7.6	9.5	9.0	11.1	9.1	6.9	1.8	38.0	32.7	24.2	20.2	9.9	8.7	7.0	10.9	9.1	4.2	1.8	4.0	5.3	6.7
	1/10	7.2	7.7	9.6	9.2	11.2	9.2	7.1	2.0	38.6	33.6	25.2	21.0	10.7	9.5	7.8	11.7	9.9	4.4	1.8	4.0	5.3	6.7
	1/20	7.2	7.7	9.8	9.3	11.3	9.3	7.3	2.2	39.0	34.3	25.9	21.7	11.4	10.1	8.5	12.3	10.5	4.6	1.8	4.0	5.3	6.8
Canal C22 Command Area 28 ha	1/5 (1 Exceedance)	6.7	7.2	8.4	8.0	10.3	8.5	5.3	0.2	34.9	28.8	20.4	17.9	7.6	6.7	5.7	6.7	5.5	3.1	1.8	3.9	5.1	6.5
	1/10 (1 Exceedance)	6.6	7.1	8.0	7.6	10.1	8.3	4.8		33.7	28.3	19.6	18.3	8.0	7.3	6.1	5.9	4.8	2.6	1.7	3.9	5.0	6.4
	1/20 (1 Exceedance)	6.4	6.9	7.6	7.2	9.8	8.1	4.2		32.8	28.1	19.3	19.6	9.3	8.9	7.3	5.3	4.1	2.1	1.7	3.8	4.9	6.3

Water Requirement (21/36)

Double Paddy Cropping 20 % (Case E-1 & AE-1 unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C1 Command Area 61 ha	1/2	37.4	35.2	43.8	59.7	66.8	62.1	51.6	28.3	17.5	173.3	150.1	108.0	92.5	53.1	65.7	62.3	59.9	54.7	25.4	10.0	19.0	24.8	34.1	33.7
	1/5	38.5	36.2	45.0	60.8	68.0	63.1	53.9	30.6	18.2	177.3	156.4	114.4	99.6	60.2	72.2	68.8	64.9	59.7	27.9	10.5	19.3	25.2	34.6	34.2
	1/10	38.9	36.6	45.5	61.2	68.5	63.5	54.8	31.5	18.5	178.8	159.2	117.2	102.6	63.3	75.0	71.6	67.1	61.9	29.0	10.7	19.4	25.4	34.8	34.4
	1/20	39.2	37.0	45.9	61.5	68.9	63.8	55.5	32.2	18.7	179.9	161.3	119.3	104.9	65.6	77.1	73.7	68.8	63.6	29.8	10.9	19.5	25.5	35.0	34.5
	1/5 (Exceedance)	35.4	33.2	41.5	57.7	64.5	60.2	47.4	24.1	16.2	166.1	139.0	97.0	82.3	43.0	54.7	51.3	50.4	45.2	20.5	9.0	18.4	24.1	33.0	32.8
	1/10 (Exceedance)	34.0	31.8	39.9	56.3	63.0	58.9	44.3	21.0	15.3	161.5	133.2	91.2	77.9	38.5	49.0	45.7	44.3	39.1	16.9	8.3	18.0	23.6	32.3	32.1
	1/20 (Exceedance)	32.6	30.3	38.3	54.9	61.3	57.5	41.1	17.8	14.5	156.8	128.9	86.8	76.0	36.6	45.1	42.0	38.2	33.3	13.3	7.6	17.5	23.0	31.5	31.4
	1/2	186.3	175.2	218.8	296.8	332.3	307.9	255.5	139.9	86.0	851.9	737.5	531.1	454.7	261.3	323.0	306.2	294.3	268.8	124.7	49.1	94.3	123.7	169.6	168.1
Canal C2 Command Area 300 ha	1/5	191.4	180.3	224.7	302.0	338.3	312.9	266.7	151.1	89.6	871.2	768.8	562.4	489.4	296.1	354.8	338.1	319.0	293.4	137.2	51.6	95.7	125.5	172.3	170.4
	1/10	193.6	182.5	227.2	304.2	340.8	315.0	271.4	155.9	90.9	878.6	782.5	576.1	504.6	311.2	368.7	352.0	329.9	304.4	142.5	52.7	96.3	126.3	173.3	171.4
	1/20	195.1	184.0	229.0	305.8	342.6	316.5	274.9	159.3	91.9	884.0	792.8	586.3	515.9	322.5	379.2	362.4	338.3	312.8	146.5	53.5	96.8	126.8	174.1	172.1
	1/5 (Exceedance)	176.4	165.3	207.3	286.7	320.9	298.4	234.7	119.1	79.5	816.5	683.2	476.8	404.6	211.2	268.7	251.9	247.9	222.4	100.5	44.3	91.4	120.1	164.3	163.5
	1/10 (Exceedance)	169.4	158.3	199.4	279.7	313.2	291.9	219.1	103.5	75.4	793.8	654.6	448.1	382.8	189.5	241.0	224.4	217.6	192.0	82.9	40.8	89.3	117.5	160.5	160.1
	1/20 (Exceedance)	162.3	151.2	191.4	272.6	304.9	285.0	203.1	87.5	71.1	770.5	633.6	426.8	373.3	180.0	221.5	206.6	188.0	163.8	65.3	37.2	87.1	114.8	156.5	156.6
	1/2	88.8	83.5	107.4	144.5	159.0	147.2	123.7	68.6	41.8	411.6	358.1	258.8	223.7	130.8	163.8	155.9	146.2	133.9	59.0	23.4	45.0	59.0	81.1	80.4
	1/5	91.4	86.0	109.9	146.7	161.9	149.6	128.9	73.8	43.4	420.5	372.9	273.6	240.0	147.1	178.5	170.5	157.8	145.5	65.2	24.7	45.7	59.9	82.4	81.6
Canal C9 Command Area 144 ha	1/10	92.5	87.1	111.0	147.7	163.1	150.6	131.1	75.9	44.0	423.9	379.4	280.1	247.1	154.2	184.9	176.9	163.0	150.7	67.8	25.2	46.0	60.3	83.0	82.0
	1/20	93.2	87.9	111.7	148.3	164.0	151.3	132.6	77.5	44.5	426.4	384.0	284.7	252.3	159.3	189.4	181.4	166.8	154.5	69.7	25.6	46.3	60.6	83.4	82.4
	1/5 (Exceedance)	83.7	78.3	102.4	140.1	153.4	142.5	113.9	58.8	38.6	394.4	331.3	232.0	197.9	104.9	137.1	129.1	124.3	112.1	46.6	20.9	43.4	57.1	78.3	78.0
	1/10 (Exceedance)	80.1	74.7	98.9	137.0	149.5	139.3	106.4	51.3	36.6	383.3	316.8	217.5	186.1	93.1	122.4	114.4	109.7	97.4	37.6	19.1	42.3	55.7	76.4	76.2
	1/20 (Exceedance)	76.4	71.0	95.3	133.8	145.4	135.9	98.7	43.6	34.5	371.9	305.8	206.4	179.9	86.9	111.0	103.5	95.0	83.0	28.7	17.4	41.1	54.2	74.3	74.4
	1/2	58.8	55.3	51.4	75.1	94.9	87.2	62.8	29.6	22.0	229.9	189.9	130.5	109.0	53.5	61.5	57.4	55.9	48.9	38.0	14.6	29.2	38.8	52.5	51.8
	1/5	59.9	56.4	55.0	78.3	96.8	88.8	67.4	34.2	23.2	236.3	198.4	139.0	114.8	59.3	66.1	61.7	65.4	58.1	41.2	15.2	29.4	39.1	53.1	52.3
	1/10	60.4	56.9	56.6	79.6	97.7	89.5	69.4	36.2	23.8	239.4	203.1	143.7	118.6	63.1	69.5	64.8	69.7	62.4	42.6	15.5	29.5	39.2	53.3	52.5
Canal C10 Command Area 91 ha	1/20	60.7	57.3	57.7	80.6	98.4	90.1	70.9	37.6	24.2	241.8	206.9	147.5	121.9	66.4	72.6	67.9	73.1	65.8	43.7	15.7	29.6	39.3	53.5	52.6
	1/5 (Exceedance)	57.1	53.6	46.0	70.4	91.9	84.8	56.0	23.3	20.3	220.4	181.3	121.7	107.8	52.2	63.2	59.0	45.2	38.7	33.4	13.6	28.9	38.4	51.7	51.0
	1/10 (Exceedance)	56.0	52.5	42.9	67.5	90.0	83.3	51.9	22.4	19.2	214.6	178.7	118.9	112.3	56.7	70.5	65.7	40.3	33.8	30.3	13.0	28.6	38.1	51.1	50.5
	1/20 (Exceedance)	54.9	51.4	40.5	64.6	88.0	81.7	48.0	21.6	18.1	209.3	178.5	118.7	121.4	65.8	83.0	78.3	36.9	30.4	27.1	12.4	28.4	37.9	50.5	50.0
	1/2	10.3	9.8	9.1	13.1	16.3	15.0	11.0	5.1	3.8	39.7	32.8	22.6	18.9	9.3	10.6	9.9	9.7	8.4	6.6	2.5	5.0	6.7	9.1	9.1
	1/5	10.5	10.0	9.7	13.7	16.7	15.3	11.8	5.9	4.0	40.9	34.3	24.2	19.9	10.4	11.5	10.6	11.4	10.1	7.1	2.6	5.0	6.7	9.2	9.2
	1/10	10.6	10.1	10.0	13.9	16.8	15.4	12.2	6.2	4.1	41.4	35.1	25.0	20.6	11.0	12.1	11.2	12.1	10.8	7.3	2.7	5.0	6.7	9.2	9.2
	1/20	10.7	10.1	10.2	14.1	17.0	15.5	12.4	6.5	4.2	41.9	35.8	25.7	21.2	11.6	12.6	11.7	12.7	11.4	7.5	2.7	5.0	6.8	9.3	9.2
Canal C15 Command Area 16 ha	1/5 (Exceedance)	10.0	9.5	8.2	12.3	15.8	14.6	9.8	4.0	3.5	38.0	31.3	21.1	18.7	9.1	11.0	10.2	7.8	6.7	5.8	2.4	4.9	6.6	9.0	8.9
	1/10 (Exceedance)	9.8	9.3	7.6	11.8	15.5	14.4	9.1	3.9	3.3	37.0	30.8	20.6	19.5	9.9	12.2	11.3	7.0	5.8	5.2	2.2	4.9	6.6	8.8	8.8
	1/20 (Exceedance)	9.6	9.1	7.2	11.3	15.1	14.1	8.5	3.7	3.1	36.1	30.8	20.5	21.1	11.5	14.5	13.6	6.4	5.2	4.7	2.1	4.8	6.5	8.7	8.7

Water Requirement (22/36)

Double Paddy Cropping 20 % (Case E-1 & AE-1 unit : 1/4)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	18.3	17.1	17.0	24.5	30.2	27.8	20.6	10.2	7.3	74.8	62.3	43.1	35.8	18.0	19.7	17.4	12.1	4.6	9.2	12.2	16.5	16.2		
	1/5	18.7	17.5	17.9	25.4	30.8	28.3	22.0	11.6	7.6	76.8	65.1	45.9	38.1	20.2	22.8	21.3	22.6	20.3	13.1	4.9	9.3	12.3	16.7	16.4
	1/10	18.8	17.7	18.4	25.7	31.1	28.5	22.5	12.1	7.8	77.7	66.6	47.4	39.4	21.5	24.0	22.6	23.9	21.6	13.6	4.9	9.4	12.3	16.8	16.4
	1/20	19.0	17.8	18.7	26.0	31.3	28.7	23.0	12.6	7.9	78.5	67.8	48.5	40.5	22.6	25.1	23.7	24.9	22.6	13.9	5.0	9.4	12.4	16.9	16.5
	1/5 (Exceedance)	17.7	16.5	15.4	23.1	29.2	27.0	18.5	8.1	6.7	71.8	59.0	39.8	34.4	16.5	19.6	18.3	15.8	13.7	10.5	4.3	9.1	12.0	16.2	15.9
	1/10 (Exceedance)	17.3	16.1	14.3	22.2	28.6	26.5	17.1	7.4	6.3	69.9	57.8	38.5	35.0	17.1	20.6	19.3	14.0	11.9	9.4	4.1	9.0	11.9	16.0	15.7
	1/20 (Exceedance)	16.9	15.7	13.4	21.4	28.0	26.0	15.9	7.1	6.0	68.1	57.4	38.1	37.1	19.2	23.1	21.7	12.6	10.5	8.2	3.9	8.9	11.8	15.8	15.5
	1/2	25.7	24.2	24.3	34.5	42.7	39.3	29.1	14.1	9.8	101.8	84.6	58.8	48.9	24.6	28.1	26.2	26.9	23.7	16.4	6.3	12.7	17.0	23.1	22.8
Canal C19 Command Area 40 ha	1/5	26.2	24.8	25.6	35.7	43.5	40.0	31.0	16.0	10.4	104.6	88.6	62.8	52.0	27.8	31.1	29.0	30.9	27.7	17.8	6.6	12.8	17.2	23.3	23.1
	1/10	26.5	25.0	26.2	36.2	43.9	40.3	31.8	16.8	10.6	105.9	90.7	64.9	53.9	29.6	32.9	30.7	32.7	29.5	18.4	6.7	12.9	17.3	23.4	23.0
	1/20	26.6	25.2	26.7	36.6	44.2	40.5	32.4	17.4	10.8	106.9	92.3	66.4	55.4	31.1	34.4	32.2	34.1	30.9	18.9	6.8	12.9	17.3	23.5	23.2
	1/5 (Exceedance)	24.9	23.4	22.0	32.5	41.3	38.2	26.0	11.0	9.1	97.6	80.1	54.2	46.9	22.6	26.7	24.9	21.5	18.6	14.2	5.9	12.5	16.8	22.6	22.4
	1/10 (Exceedance)	24.3	22.8	20.6	31.3	40.5	37.5	24.1	10.0	8.6	95.0	78.5	52.5	47.7	23.5	28.1	26.2	19.0	16.1	12.7	5.6	12.4	16.6	22.3	22.2
	1/20 (Exceedance)	23.7	22.3	19.2	30.0	39.6	36.7	22.3	9.6	8.1	92.5	77.9	51.8	50.6	26.3	31.6	29.5	17.1	14.2	11.2	5.3	12.3	16.5	22.0	21.9
	1/2	17.0	15.9	15.7	22.7	27.7	25.5	19.0	9.5	6.7	69.5	57.8	40.0	33.3	16.7	19.2	17.9	18.3	16.2	11.2	4.3	8.5	11.2	15.3	15.0
	1/5	17.3	16.3	16.6	23.5	28.3	26.0	20.3	10.7	7.1	71.4	60.5	42.7	35.4	18.8	21.2	19.8	21.0	18.8	12.2	4.5	8.6	11.3	15.5	15.1
Canal C20 Command Area 27 ha	1/10	17.5	16.4	17.0	23.8	28.5	26.2	20.8	11.2	7.2	72.2	61.9	44.1	36.6	20.0	22.3	21.0	22.2	20.1	12.6	4.6	8.6	11.4	15.5	15.2
	1/20	17.6	16.5	17.3	24.1	28.7	26.3	21.2	11.6	7.4	72.9	63.0	45.1	37.7	21.1	23.4	22.0	23.2	21.0	12.9	4.7	8.6	11.4	15.6	15.3
	1/5 (Exceedance)	16.4	15.4	14.2	21.4	26.9	24.8	17.1	7.5	6.2	66.7	54.8	37.0	32.0	15.4	18.2	17.0	14.7	12.8	9.7	4.0	8.4	11.1	15.0	14.7
	1/10 (Exceedance)	16.1	15.0	13.3	20.6	26.3	24.4	15.9	6.8	5.9	65.0	53.7	35.8	32.5	15.9	19.1	17.9	13.0	11.0	8.7	3.8	8.3	11.0	14.8	14.6
	1/20 (Exceedance)	15.7	14.6	12.4	19.8	25.7	23.9	14.7	6.6	5.6	63.3	53.3	35.4	34.4	17.8	21.5	20.1	11.7	9.7	7.6	3.6	8.2	10.9	14.6	14.4
	1/2	14.4	13.5	13.4	19.4	24.1	22.4	16.6	8.1	5.7	58.9	49.0	33.9	28.2	14.2	16.3	15.2	15.6	13.7	9.5	3.7	7.2	9.6	12.9	12.7
	1/5	14.6	13.8	14.2	20.1	24.6	22.8	17.7	9.2	6.0	60.5	51.3	36.2	30.0	16.0	18.0	16.8	17.8	16.0	10.3	3.8	7.3	9.7	13.1	12.8
	1/10	14.8	13.9	14.5	20.3	24.8	22.9	18.1	9.7	6.1	61.2	52.5	37.4	31.1	17.0	19.0	17.8	18.9	17.0	10.7	3.9	7.3	9.7	13.2	12.9
Canal C21 Command Area 23 ha	1/20	14.9	14.0	14.8	20.6	25.0	23.1	18.5	10.0	6.2	61.8	53.4	38.3	32.0	17.9	19.8	18.6	19.7	17.8	10.9	3.9	7.3	9.7	13.2	12.9
	1/5 (Exceedance)	13.9	13.0	12.2	18.3	23.4	21.7	14.8	6.4	5.3	56.5	46.4	31.3	27.1	13.0	15.4	14.4	12.4	10.8	8.2	3.4	7.1	9.4	12.7	12.5
	1/10 (Exceedance)	13.6	12.7	11.3	17.6	22.9	21.3	13.7	5.8	5.0	55.0	45.4	30.3	27.6	13.5	16.2	15.1	11.0	9.3	7.3	3.2	7.0	9.4	12.5	12.3
	1/20 (Exceedance)	13.3	12.4	10.6	16.9	22.4	20.9	12.7	5.6	4.7	53.5	45.1	30.0	29.2	15.2	18.2	17.0	9.9	8.2	6.5	3.0	7.0	9.3	12.4	12.2
	1/2	18.1	17.0	16.9	24.2	29.8	27.3	20.1	9.9	7.0	72.2	60.0	41.5	34.6	17.3	19.9	18.6	19.0	16.8	11.6	4.5	9.1	12.1	16.3	16.1
	1/5	18.5	17.4	17.9	25.0	30.4	27.8	21.5	11.3	7.4	74.1	62.8	44.3	36.8	19.5	22.0	20.6	21.8	19.6	12.6	4.7	9.2	12.2	16.5	16.2
	1/10	18.6	17.5	18.3	25.4	30.7	28.0	22.1	11.8	7.5	75.0	64.3	45.8	38.0	20.8	23.2	21.8	23.1	20.8	13.1	4.8	9.2	12.2	16.6	16.3
	1/20	18.8	17.7	18.6	25.7	30.9	28.2	22.5	12.3	7.7	75.7	65.4	46.8	39.1	21.8	24.2	22.8	24.0	21.8	13.4	4.8	9.3	12.3	16.7	16.4
Canal C22 Command Area 28 ha	1/5 (Exceedance)	17.5	16.4	15.3	22.8	28.9	26.6	18.0	7.8	6.5	69.3	56.9	38.4	33.2	15.9	18.9	17.7	15.3	13.2	10.1	4.2	9.0	11.9	16.0	15.8
	1/10 (Exceedance)	17.1	16.0	14.3	21.9	28.3	26.1	16.7	7.1	6.1	67.4	55.8	37.2	33.8	16.5	19.9	18.6	13.5	11.5	9.0	4.0	8.9	11.8	15.8	15.6
	1/20 (Exceedance)	16.7	15.6	13.4	21.0	27.7	25.5	15.4	6.8	5.8	65.7	55.3	36.7	35.8	18.5	22.3	20.9	12.1	10.1	7.9	3.7	8.8	11.7	15.6	15.4

Water Requirement (23/36)

Double Paddy Cropping 20 % (Case BE-1 & ABE-1 unit : 1/8)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C1 Command Area 61 ha	1/2	20.8	19.5	24.3	33.2	37.1	34.5	28.7	15.7	9.7	96.3	83.4	60.0	51.4	29.5	36.5	34.6	33.3	30.4	14.1	5.6	10.5	13.8	18.9	21.5
	1/5	21.4	20.1	25.0	33.8	37.8	35.0	29.9	17.0	10.1	98.5	86.9	63.6	55.3	33.4	40.1	38.2	36.0	33.2	15.5	5.8	10.7	14.0	19.2	21.8
	1/10	21.6	20.4	25.3	34.0	38.1	35.3	30.5	17.5	10.3	99.3	88.4	65.1	57.0	35.2	41.7	39.8	37.3	34.4	16.1	6.0	10.8	14.1	19.4	21.9
	1/20	21.8	20.5	25.5	34.2	38.3	35.4	30.8	17.9	10.4	99.9	89.6	66.3	58.3	36.4	42.8	41.0	38.2	35.3	16.6	6.0	10.8	14.1	19.4	22.0
	1/5 (Exceedance)	19.7	18.4	23.1	32.1	35.9	33.4	26.4	13.4	9.0	92.3	77.2	53.9	45.7	23.9	30.4	28.5	28.0	25.1	11.4	5.0	10.2	13.4	18.4	20.9
	1/10 (Exceedance)	18.9	17.7	22.2	31.3	35.0	32.7	24.6	11.7	8.5	89.7	74.0	50.7	43.3	21.4	27.2	25.4	24.6	21.7	9.4	4.6	10.0	13.1	17.9	20.5
Canal C2 Command Area 300 ha	1/20 (Exceedance)	18.1	16.9	21.3	30.5	34.1	31.9	22.8	9.9	8.0	87.1	71.6	48.2	42.2	20.3	25.0	23.4	21.2	18.5	7.4	4.2	9.7	12.8	17.5	20.0
	1/2	103.5	97.3	121.5	164.9	184.6	171.1	142.0	77.7	47.8	473.3	409.7	295.1	252.6	145.2	179.4	170.1	163.5	149.3	69.3	27.3	52.4	68.7	94.2	106.9
	1/5	106.3	100.2	124.8	167.8	187.9	173.8	148.1	83.9	49.8	484.0	427.1	312.4	271.9	164.5	197.1	187.8	177.2	163.0	76.2	28.7	53.2	69.7	95.7	108.4
	1/10	107.5	101.4	126.2	169.0	189.3	175.0	150.8	86.6	50.5	488.1	434.7	320.0	280.3	172.9	204.8	195.5	183.3	169.1	79.2	29.3	53.5	70.2	96.3	109.0
	1/20	108.4	102.2	127.2	169.9	190.4	175.8	152.7	88.5	51.1	491.1	440.4	325.7	286.6	179.2	210.6	201.3	187.9	173.8	81.4	29.7	53.8	70.4	96.7	109.4
	1/5 (Exceedance)	98.0	91.8	115.2	159.3	178.3	165.8	130.4	66.2	44.2	453.6	379.6	264.9	224.8	117.3	149.3	139.9	137.7	123.6	55.8	24.6	50.8	66.7	91.3	103.9
Canal C9 Command Area 144 ha	1/10 (Exceedance)	94.1	88.0	110.8	155.4	174.0	162.2	121.7	57.5	41.9	441.0	363.6	249.0	212.7	105.3	133.9	124.7	120.9	106.7	46.1	22.6	49.6	65.3	89.2	101.8
	1/20 (Exceedance)	90.1	84.0	106.3	151.5	169.4	158.3	112.8	48.6	39.5	428.1	352.0	237.1	207.4	100.0	123.1	114.8	104.4	91.0	36.3	20.7	48.4	63.8	87.0	99.6
	1/2	49.3	46.4	59.7	80.3	88.3	81.8	68.7	38.1	23.2	228.7	199.0	143.8	124.3	72.6	91.0	86.6	81.2	74.4	32.8	13.0	25.0	32.8	45.0	51.1
	1/5	50.8	47.8	61.1	81.5	89.9	83.1	71.6	41.0	24.1	233.6	207.2	152.0	133.3	81.7	99.2	94.7	87.6	80.8	36.2	13.7	25.4	33.3	45.8	51.9
	1/10	51.4	48.4	61.6	82.0	90.6	83.6	72.8	42.2	24.5	235.5	210.8	155.6	137.3	85.6	102.7	98.3	90.5	83.7	37.7	14.0	25.6	33.5	46.1	52.2
	1/20	51.8	48.8	62.1	82.4	91.1	84.0	73.7	43.1	24.7	236.9	213.3	158.2	140.1	88.5	105.2	100.8	92.7	85.9	38.7	14.2	25.7	33.7	46.3	52.4
Canal C10 Command Area 91 ha	1/5 (Exceedance)	46.5	43.5	56.9	77.9	85.2	79.2	63.3	32.7	21.4	219.1	184.1	128.9	109.9	58.3	76.2	71.7	69.1	62.3	25.9	11.6	24.1	31.7	43.5	49.6
	1/10 (Exceedance)	44.5	41.5	54.9	76.1	83.1	77.4	59.1	28.5	20.3	212.9	176.0	120.8	103.4	51.7	68.0	63.6	60.9	54.1	20.9	10.6	23.5	30.9	42.4	48.5
	1/20 (Exceedance)	42.4	39.4	52.9	74.4	80.8	75.5	54.9	24.2	19.2	206.6	169.9	114.7	99.9	48.3	61.7	57.5	52.8	46.1	16.0	9.6	22.8	30.1	41.3	47.3
	1/2	32.7	30.7	28.6	41.7	52.7	48.5	34.9	16.4	12.2	127.7	105.5	72.5	60.6	29.7	34.2	31.9	31.1	27.2	21.1	8.1	16.2	21.6	29.2	33.0
	1/5	33.3	31.3	30.6	43.5	53.8	49.3	37.5	19.0	12.9	131.3	110.2	77.2	63.8	32.9	36.7	34.3	36.3	32.3	22.9	8.4	16.3	21.7	29.5	33.3
	1/10	33.5	31.6	31.4	44.2	54.3	49.7	38.6	20.1	13.2	133.0	112.8	79.8	65.9	35.0	38.6	36.0	38.7	34.7	23.7	8.6	16.4	21.8	29.6	33.4
Canal C15 Command Area 16 ha	1/20	33.7	31.8	32.1	44.8	54.7	50.1	39.4	20.9	13.4	134.3	115.0	81.9	67.7	36.9	40.3	37.7	40.6	36.6	24.3	8.7	16.4	21.8	29.7	33.5
	1/5 (Exceedance)	31.7	29.8	25.6	39.1	51.1	47.1	31.1	12.9	11.3	122.5	100.7	67.6	59.9	29.0	35.1	32.8	25.1	21.5	18.6	7.6	16.0	21.3	28.7	32.5
	1/10 (Exceedance)	31.1	29.2	23.8	37.5	50.0	46.3	28.8	12.5	10.7	119.2	99.3	66.1	62.4	31.5	39.1	36.5	22.4	18.8	16.9	7.2	15.9	21.2	28.4	32.2
	1/20 (Exceedance)	30.5	28.6	22.5	35.9	48.9	45.4	26.7	12.0	10.1	116.3	99.2	66.0	67.4	36.6	46.1	43.5	20.5	16.9	15.1	6.9	15.8	21.0	28.0	31.8
	1/2	5.7	5.4	5.1	7.3	9.1	8.4	6.1	2.8	2.1	22.1	18.2	12.6	10.5	5.2	5.9	5.5	5.4	4.7	3.6	1.4	2.8	3.7	5.1	5.8
	1/5	5.8	5.5	5.4	7.6	9.3	8.5	6.6	3.3	2.2	22.7	19.1	13.4	11.1	5.8	6.4	5.9	6.3	5.6	3.9	1.5	2.8	3.7	5.1	5.8
Canal C15 Command Area 16 ha	1/10	5.9	5.6	5.6	7.7	9.4	8.6	6.8	3.5	2.3	23.0	19.5	13.9	11.4	6.1	6.7	6.2	6.7	6.0	4.1	1.5	2.8	3.7	5.1	5.8
	1/20	5.9	5.6	5.7	7.8	9.4	8.6	6.9	3.6	2.3	23.3	19.9	14.3	11.8	6.5	7.0	6.5	7.1	6.4	4.2	1.5	2.8	3.8	5.2	5.9
	1/5 (Exceedance)	5.6	5.3	4.5	6.8	8.8	8.1	5.5	2.2	1.9	21.1	17.4	11.7	10.4	5.0	6.1	5.7	4.3	3.7	3.2	1.3	2.7	3.7	5.0	5.7
	1/10 (Exceedance)	5.5	5.2	4.2	6.5	8.6	8.0	5.1	2.1	1.8	20.6	17.1	11.4	10.8	5.5	6.8	6.3	3.9	3.2	2.9	1.2	2.7	3.6	4.9	5.6
	1/20 (Exceedance)	5.4	5.1	4.0	6.3	8.4	7.8	4.7	2.1	1.7	20.0	17.1	11.4	11.7	6.4	8.0	7.5	3.5	2.9	2.6	1.2	2.7	3.6	4.9	5.6

Water Requirement (24/36)

Double Paddy Cropping 20 % (Case BE-1 & ABE-1 unit : /s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	10.2	9.5	9.4	13.6	16.8	15.4	11.5	5.7	4.0	41.6	34.6	23.9	19.9	10.0	11.5	10.7	9.7	6.7	2.6	5.1	6.8	9.2	10.3	
	1/5	10.4	9.7	10.0	14.1	17.1	15.7	12.2	6.4	4.2	42.7	36.2	25.5	21.2	11.2	12.6	11.8	12.5	11.3	7.3	2.7	5.2	6.8	9.3	10.4
	1/10	10.5	9.8	10.2	14.3	17.3	15.8	12.5	6.7	4.3	43.2	37.0	26.3	21.9	12.0	13.4	12.6	13.3	12.0	7.5	2.7	5.2	6.9	9.3	10.5
	1/20	10.5	9.9	10.4	14.5	17.4	15.9	12.8	7.0	4.4	43.6	37.6	27.0	22.5	12.6	14.0	13.2	13.8	12.6	7.7	2.8	5.2	6.9	9.4	10.5
	1/5 (Exceedance)	9.8	9.2	8.5	12.9	16.2	15.0	10.3	4.5	3.7	39.9	32.8	22.1	19.1	9.2	10.9	10.2	8.8	7.6	5.8	2.4	5.1	6.7	9.0	10.2
	1/10 (Exceedance)	9.6	9.0	8.0	12.4	15.9	14.7	9.5	4.1	3.5	38.9	32.1	21.4	19.5	9.5	11.4	10.7	7.8	6.6	5.2	2.3	5.0	6.6	8.9	10.0
Canal C19 Command Area 40 ha	1/20 (Exceedance)	9.4	8.7	7.4	11.9	15.6	14.4	8.8	3.9	3.3	37.9	31.9	21.2	20.6	10.7	12.8	12.0	7.0	5.8	4.6	2.2	5.0	6.5	8.8	9.9
	1/2	14.3	13.5	13.5	19.2	23.7	21.8	16.2	7.8	5.5	56.5	47.0	32.6	27.1	13.7	15.6	14.6	15.0	13.2	9.1	3.5	7.1	9.5	12.8	14.5
	1/5	14.6	13.8	14.2	19.8	24.2	22.2	17.2	8.9	5.8	58.1	49.2	34.9	28.9	15.4	17.3	16.1	17.2	15.4	9.9	3.7	7.1	9.5	13.0	14.6
	1/10	14.7	13.9	14.6	20.1	24.4	22.4	17.7	9.3	5.9	58.8	50.4	36.0	29.9	16.4	18.3	17.1	18.2	16.4	10.2	3.7	7.2	9.6	13.0	14.7
	1/20	14.8	14.0	14.8	20.3	24.6	22.5	18.0	9.7	6.0	59.4	51.3	36.9	30.8	17.3	19.1	17.9	19.0	17.2	10.5	3.8	7.2	9.6	13.1	14.8
	1/5 (Exceedance)	13.8	13.0	12.2	18.1	23.0	21.2	14.4	6.1	5.1	54.2	44.5	30.1	26.0	12.5	14.8	13.8	11.9	10.4	7.9	3.3	7.0	9.3	12.6	14.3
Canal C20 Command Area 27 ha	1/10 (Exceedance)	13.5	12.7	11.4	17.4	22.5	20.8	13.4	5.6	4.8	52.8	43.6	29.1	26.5	13.0	15.6	14.5	10.6	9.0	7.1	3.1	6.9	9.2	12.4	14.1
	1/20 (Exceedance)	13.2	12.4	10.7	16.7	22.0	20.4	12.4	5.3	4.5	51.4	43.3	28.8	28.1	14.6	17.6	16.4	9.5	7.9	6.2	2.9	6.8	9.2	12.2	13.9
	1/2	9.4	8.8	8.7	12.6	15.4	14.2	10.6	5.3	3.7	38.6	32.1	22.2	18.5	9.3	10.7	10.0	10.2	9.0	6.2	2.4	4.7	6.2	8.5	9.6
	1/5	9.6	9.0	9.2	13.0	15.7	14.4	11.3	5.9	3.9	39.6	33.6	23.7	19.7	10.4	11.8	11.0	11.7	10.5	6.8	2.5	4.8	6.3	8.6	9.7
	1/10	9.7	9.1	9.5	13.2	15.9	14.5	11.6	6.2	4.0	40.1	34.4	24.5	20.4	11.1	12.4	11.7	12.3	11.2	7.0	2.6	4.8	6.3	8.6	9.7
	1/20	9.8	9.2	9.6	13.4	16.0	14.6	11.8	6.4	4.1	40.5	35.0	25.1	20.9	11.7	13.0	12.2	12.9	11.7	7.2	2.6	4.8	6.3	8.7	9.8
Canal C21 Command Area 23 ha	1/5 (Exceedance)	9.1	8.5	7.9	11.9	14.9	13.8	9.5	4.2	3.5	37.1	30.4	20.5	17.8	8.5	10.1	9.5	8.2	7.1	5.4	2.2	4.7	6.2	8.3	9.4
	1/10 (Exceedance)	8.9	8.3	7.4	11.4	14.6	13.5	8.8	3.8	3.3	36.1	29.8	19.9	18.1	8.9	10.6	9.9	7.2	6.1	4.8	2.1	4.6	6.1	8.2	9.3
	1/20 (Exceedance)	8.7	8.1	6.9	11.0	14.3	13.3	8.2	3.7	3.1	35.2	29.6	19.6	19.1	9.9	11.9	11.2	6.5	5.4	4.2	2.0	4.6	6.0	8.1	9.2
	1/2	8.0	7.5	7.5	10.8	13.4	12.4	9.2	4.5	3.2	32.7	27.2	18.9	15.7	7.9	9.0	8.4	8.6	7.6	5.3	2.0	4.0	5.3	7.2	8.1
	1/5	8.1	7.7	7.9	11.1	13.7	12.6	9.8	5.1	3.3	33.6	28.5	20.1	16.7	8.9	10.0	9.3	9.9	8.9	5.7	2.1	4.0	5.4	7.3	8.2
	1/10	8.2	7.7	8.1	11.3	13.8	12.7	10.1	5.4	3.4	34.0	29.1	20.8	17.3	9.5	10.5	9.9	10.5	9.5	5.9	2.2	4.1	5.4	7.3	8.2
Canal C22 Command Area 28 ha	1/20	8.3	7.8	8.2	11.4	13.9	12.8	10.3	5.6	3.5	34.3	29.6	21.3	17.8	10.0	11.0	10.4	10.9	9.9	6.1	2.2	4.1	5.4	7.3	8.3
	1/5 (Exceedance)	7.7	7.2	6.8	10.2	13.0	12.1	8.2	3.5	2.9	31.4	25.8	17.4	15.0	7.2	8.6	8.0	6.9	6.0	4.6	1.9	3.9	5.2	7.1	8.0
	1/10 (Exceedance)	7.5	7.1	6.3	9.8	12.7	11.8	7.6	3.2	2.8	30.5	25.2	16.9	15.3	7.5	9.0	8.4	6.1	5.2	4.1	1.8	3.9	5.2	7.0	7.9
	1/20 (Exceedance)	7.4	6.9	5.9	9.4	12.5	11.6	7.1	3.1	2.6	29.7	25.1	16.6	16.2	8.4	10.1	9.5	5.5	4.6	3.6	1.7	3.9	5.1	6.9	7.8
	1/2	10.1	9.4	9.4	13.4	16.6	15.2	11.2	5.5	3.9	40.1	33.4	23.1	19.2	9.6	11.1	10.3	10.6	9.3	6.5	2.5	5.1	6.7	9.1	10.2
	1/5	10.3	9.6	9.9	13.9	16.9	15.5	11.9	6.3	4.1	41.2	34.9	24.6	20.4	10.8	12.2	11.4	12.1	10.9	7.9	2.6	5.1	6.8	9.2	10.3
Canal C22 Command Area 28 ha	1/10	10.4	9.7	10.2	14.1	17.1	15.6	12.3	6.6	4.2	41.7	35.7	25.4	21.1	11.5	12.9	12.1	12.8	11.6	7.3	2.7	5.1	6.8	9.2	10.4
	1/20	10.4	9.8	10.4	14.3	17.2	15.7	12.5	6.8	4.3	42.0	36.3	26.0	21.7	12.1	13.5	12.7	13.3	12.1	7.5	2.7	5.1	6.8	9.3	10.4
	1/5 (Exceedance)	9.7	9.1	8.5	12.7	16.1	14.8	10.0	4.3	3.6	38.5	31.6	21.3	18.4	8.9	10.5	9.8	8.5	7.4	5.6	2.3	5.0	6.6	8.9	10.1
	1/10 (Exceedance)	9.5	8.9	8.0	12.2	15.7	14.5	9.3	3.9	3.4	37.5	31.0	20.7	18.8	9.2	11.0	10.3	7.5	6.4	5.0	2.2	4.9	6.6	8.8	9.9
	1/20 (Exceedance)	9.3	8.7	7.4	11.7	15.4	14.2	8.6	3.8	3.2	36.5	30.7	20.4	19.9	10.3	12.4	11.6	6.7	5.6	4.4	2.1	4.9	6.5	8.7	9.8

Water Requirement (25/36)

Double Paddy Cropping 40 % (Case E-2 & AE-2 unit : l/s)

Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Canal C1	48.0	47.9	80.7	87.6	90.4	81.3	47.4	35.0	155.1	131.8	96.0	80.6
Command	49.3	49.4	81.9	89.0	91.6	84.0	50.1	36.5	159.0	138.2	102.4	87.7
Area	49.8	49.9	82.4	89.6	92.1	85.2	51.3	37.0	160.5	141.0	105.2	90.8
61 ha	50.2	45.3	50.5	82.8	90.0	92.5	86.0	52.2	37.4	161.6	143.0	107.3
1/5 (Exceedance)	45.4	40.5	45.0	78.3	84.9	88.1	76.2	42.3	32.4	147.9	120.8	85.0
1/10 (Exceedance)	43.6	38.7	42.9	76.7	83.1	86.5	72.4	38.5	30.7	143.3	115.0	79.2
1/20 (Exceedance)	41.8	36.8	40.9	75.0	81.1	84.8	68.5	34.6	29.0	138.5	110.7	74.8
Canal C2	238.0	213.7	238.9	399.8	434.4	447.1	401.4	233.9	172.1	762.2	647.9	472.2
Command	244.5	220.2	246.4	406.0	441.5	453.2	414.9	247.4	179.1	781.5	679.2	503.4
Area	247.3	223.0	249.6	408.6	444.5	455.7	420.6	253.1	181.8	788.9	692.9	517.1
300 ha	249.2	225.0	251.9	410.4	446.6	457.6	424.9	257.4	183.8	794.3	703.1	527.4
1/5 (Exceedance)	225.3	201.0	224.3	388.0	421.1	435.6	376.1	208.6	159.1	726.7	593.6	417.8
1/10 (Exceedance)	216.5	192.2	214.2	379.8	411.9	427.7	357.2	189.6	150.8	704.1	564.9	389.2
1/20 (Exceedance)	207.3	183.1	203.9	371.4	402.2	419.4	337.8	170.3	142.3	680.8	544.0	367.8
Canal C9	113.5	101.8	117.8	194.5	208.2	214.1	194.1	114.1	83.5	368.5	315.1	230.5
Command	116.8	105.1	121.0	197.1	211.5	217.0	200.4	120.3	86.8	377.4	329.8	245.3
Area	118.1	106.4	122.3	198.2	212.9	218.2	203.1	123.0	88.0	380.8	336.3	251.8
144 ha	119.1	107.4	123.2	198.9	214.0	219.1	205.0	124.9	89.0	383.3	340.9	256.4
1/5 (Exceedance)	106.9	95.2	111.4	189.3	201.5	208.5	182.3	102.2	77.2	351.2	288.2	203.7
1/10 (Exceedance)	102.3	90.6	106.9	185.6	197.0	204.6	173.2	93.1	73.1	340.1	273.7	189.1
1/20 (Exceedance)	97.6	85.9	102.3	181.9	192.1	200.4	163.8	83.8	69.0	328.8	262.7	178.1
Canal C10	75.3	67.8	53.6	102.6	123.8	126.8	102.4	54.3	44.0	204.1	164.2	113.6
Command	76.7	69.2	58.2	106.3	126.1	128.7	108.0	59.9	46.4	210.5	172.7	122.1
Area	77.3	69.8	60.2	107.9	127.1	129.6	110.5	62.3	47.5	213.6	177.3	126.7
91 ha	77.8	70.3	61.7	109.1	127.9	130.3	112.2	64.0	48.4	216.0	181.2	130.6
1/5 (Exceedance)	73.1	65.6	46.7	97.2	120.3	123.9	94.2	46.6	40.5	194.7	155.5	104.7
1/10 (Exceedance)	71.7	64.2	42.9	93.7	118.2	122.1	89.2	44.8	38.4	188.8	153.0	102.0
1/20 (Exceedance)	70.3	62.8	40.5	90.4	115.8	120.1	84.5	43.2	36.3	183.5	152.8	101.8
Canal C15	13.2	11.9	9.5	17.9	21.3	21.9	17.8	9.4	7.6	35.3	28.3	19.7
Command	13.4	12.2	10.3	18.5	21.7	22.2	18.8	10.3	8.0	36.4	29.9	21.2
Area	13.5	12.3	10.6	18.8	21.9	22.4	19.2	10.7	8.2	37.0	30.7	22.1
16 ha	13.6	12.4	10.9	19.0	22.1	22.5	19.5	11.0	8.3	37.4	31.4	22.8
1/5 (Exceedance)	12.8	11.6	8.3	16.9	20.7	21.4	16.4	8.0	7.0	33.6	26.8	18.1
1/10 (Exceedance)	12.6	11.3	7.6	16.3	20.3	21.1	15.6	7.7	6.6	32.5	26.4	17.7
1/20 (Exceedance)	12.3	11.1	7.2	15.7	19.9	20.7	14.8	7.5	6.3	31.6	26.3	17.6

Water Requirement (26/36)

Double Paddy Cropping 40 % (Case E-2 & AE-2 unit : I/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	23.5	21.1	18.0	33.5	39.5	40.6	18.3	14.5	66.5	54.0	37.6	30.5	18.7	25.4	24.4	20.0	18.2	15.3	9.3	12.6	14.9	21.5	19.2	
	1/5	24.0	21.6	19.2	34.5	40.2	41.2	35.2	20.0	15.3	68.5	56.8	40.5	32.7	21.0	27.6	26.4	22.8	21.1	16.3	9.7	12.7	15.1	21.7	19.4
	1/10	24.2	21.8	19.8	35.0	40.5	41.4	35.8	20.7	15.6	69.5	58.3	42.0	34.0	22.3	28.8	27.7	24.2	22.4	16.8	9.9	12.7	15.1	21.8	19.5
	1/20	24.4	21.9	20.2	35.3	40.8	41.6	36.4	21.2	15.9	70.2	59.5	43.1	35.1	23.4	29.9	28.8	25.2	23.4	17.1	10.0	12.8	15.2	21.9	19.6
	1/5 (Exceedance)	22.8	20.3	15.9	31.9	38.4	39.6	30.9	15.7	13.4	63.6	50.7	34.3	29.0	17.3	24.4	23.4	16.1	14.5	13.7	8.7	12.4	14.7	21.1	18.9
	1/10 (Exceedance)	22.3	19.8	14.6	30.8	37.7	39.0	29.3	14.7	12.7	61.6	49.5	33.1	29.6	17.9	25.4	24.4	14.3	12.7	12.6	8.2	12.3	14.6	20.8	18.7
Canal C19 Command Area 40 ha	1/20 (Exceedance)	21.7	19.3	13.4	29.8	36.9	38.4	27.7	14.2	12.0	59.8	49.1	32.6	31.7	19.9	27.9	26.8	12.9	11.3	11.4	7.8	12.2	14.4	20.5	18.5
	1/2	32.8	29.6	25.6	46.7	55.4	56.6	46.6	25.1	19.7	90.5	73.4	51.4	41.6	25.6	34.7	33.1	27.3	24.8	20.7	12.6	17.3	20.8	29.8	26.9
	1/5	33.5	30.3	27.4	48.1	56.4	57.5	49.0	27.4	20.7	93.3	77.4	55.4	44.7	28.8	37.6	35.9	31.3	28.8	22.1	13.2	17.4	21.0	30.1	27.2
	1/10	33.8	30.6	28.1	48.7	56.8	57.8	49.9	28.4	21.2	94.6	79.5	57.5	46.5	30.6	39.4	37.6	33.1	30.6	22.8	13.4	17.5	21.0	30.3	27.3
	1/20	34.0	30.8	28.7	49.2	57.1	58.1	50.6	29.1	21.6	95.6	81.1	59.0	48.1	32.1	40.9	39.1	34.5	32.0	23.3	13.6	17.5	21.1	30.4	27.4
	1/5 (Exceedance)	31.8	28.5	22.7	44.4	53.8	55.3	42.9	21.4	18.2	86.4	68.8	46.8	39.5	23.6	33.2	31.8	21.9	19.7	18.6	11.8	17.0	20.5	29.2	26.5
Canal C20 Command Area 27 ha	1/10 (Exceedance)	31.0	27.8	20.9	42.9	52.8	54.4	40.6	20.0	17.2	83.7	67.2	45.1	40.4	24.5	34.6	33.1	19.4	17.2	17.1	11.1	16.9	20.3	28.8	26.2
	1/20 (Exceedance)	30.3	27.1	19.2	41.5	51.7	53.5	38.4	19.3	16.3	81.2	66.6	44.4	43.3	27.3	38.1	36.4	17.4	15.3	15.5	10.5	16.7	20.0	28.4	25.8
	1/2	21.9	19.6	16.6	31.1	36.4	37.4	31.0	17.0	13.5	61.8	50.1	34.9	28.3	17.4	23.6	22.7	18.6	16.9	14.2	8.6	11.6	13.8	19.9	17.8
	1/5	22.3	20.0	17.8	32.0	37.1	37.9	32.5	18.5	14.2	63.7	52.8	37.6	30.4	19.5	25.6	24.5	21.2	19.6	15.2	9.0	11.7	13.9	20.1	18.0
	1/10	22.5	20.2	18.3	32.4	37.3	38.2	33.2	19.1	14.5	64.5	54.2	39.0	31.6	20.7	26.8	25.7	22.5	20.8	15.6	9.2	11.8	14.0	20.2	18.1
	1/20	22.7	20.4	18.7	32.7	37.6	38.4	33.6	19.6	14.7	65.2	55.3	40.1	32.7	21.7	27.8	26.7	23.4	21.7	15.9	9.3	11.8	14.0	20.3	18.1
Canal C21 Command Area 23 ha	1/5 (Exceedance)	21.1	18.9	14.7	29.5	35.4	36.5	28.6	14.6	12.4	59.0	47.1	31.9	27.0	16.0	22.7	21.7	15.0	13.5	12.7	8.0	11.5	13.6	19.5	17.5
	1/10 (Exceedance)	20.7	18.4	13.5	28.6	34.7	36.0	27.2	13.7	11.8	57.2	46.0	30.7	27.5	16.6	23.6	22.6	13.3	11.8	11.7	7.6	11.4	13.4	19.3	17.3
	1/20 (Exceedance)	20.2	17.9	12.4	27.6	34.0	35.4	25.7	13.2	11.1	55.6	45.6	30.3	29.4	18.5	26.0	24.9	11.9	10.5	10.6	7.2	11.3	13.3	19.0	17.1
	1/2	18.5	16.6	14.2	26.5	31.5	32.4	26.7	14.5	11.4	52.3	42.5	29.7	24.0	14.8	20.0	19.2	15.8	14.3	12.0	7.3	9.8	11.7	16.8	15.1
	1/5	18.9	17.0	15.2	27.2	32.0	32.9	28.0	15.8	12.0	53.9	44.7	31.9	25.8	16.6	21.7	20.8	18.0	16.6	12.8	7.6	9.9	11.8	17.0	15.2
	1/10	19.0	17.1	15.6	27.6	32.3	33.1	28.6	16.4	12.3	54.7	45.9	33.1	26.9	17.6	22.7	21.8	19.1	17.7	13.2	7.8	10.0	11.9	17.1	15.3
Canal C22 Command Area 28 ha	1/20	19.2	17.3	15.9	27.8	32.5	33.3	29.0	16.8	12.5	55.3	46.8	34.0	27.7	18.5	23.6	22.6	19.9	18.5	13.5	7.9	10.0	11.9	17.2	15.4
	1/5 (Exceedance)	17.9	16.0	12.6	25.2	30.6	31.6	24.6	12.4	10.5	50.0	39.8	27.0	22.9	13.6	19.2	18.4	12.7	11.4	10.8	6.8	9.7	11.6	16.5	14.8
	1/10 (Exceedance)	17.5	15.6	11.5	24.3	30.0	31.1	23.3	11.6	10.0	48.4	38.9	26.0	23.4	14.1	20.0	19.1	11.2	10.0	9.9	6.5	9.6	11.4	16.3	14.7
	1/20 (Exceedance)	17.1	15.2	10.6	23.5	29.4	30.6	22.1	11.1	9.4	47.0	38.6	25.7	25.0	15.7	22.0	21.0	10.1	8.9	9.0	6.1	9.5	11.3	16.1	14.5
	1/2	23.2	20.8	17.9	32.9	38.9	39.6	32.6	17.8	14.0	64.2	52.1	36.3	29.4	18.0	24.5	23.5	19.3	17.6	14.7	9.0	12.4	14.7	21.1	19.0
	1/5	23.6	21.3	19.1	33.9	39.6	40.2	34.2	19.4	14.7	66.1	54.8	39.0	31.6	20.2	26.6	25.5	22.0	20.3	15.7	9.4	12.4	14.9	21.4	19.2
Canal C22 Command Area 28 ha	1/10	23.9	21.5	19.7	34.3	39.9	40.5	34.9	20.1	15.1	67.0	56.3	40.5	32.8	21.5	27.8	26.7	23.3	21.6	16.2	9.5	12.5	14.9	21.5	19.3
	1/20	24.0	21.7	20.1	34.6	40.1	40.7	35.4	20.6	15.3	67.7	57.4	41.6	33.9	22.5	28.9	27.7	24.3	22.6	16.5	9.7	12.5	15.0	21.6	19.3
	1/5 (Exceedance)	22.4	20.1	15.8	31.3	37.8	38.7	30.0	15.2	12.9	61.3	48.9	33.1	28.0	16.6	23.5	22.6	15.5	14.0	13.2	8.4	12.2	14.5	20.7	18.7
	1/10 (Exceedance)	21.9	19.6	14.5	30.2	37.1	38.1	28.4	14.2	12.2	59.4	47.8	31.9	28.6	17.3	24.5	23.5	13.8	12.2	12.1	7.9	12.1	14.4	20.5	18.5
	1/20 (Exceedance)	21.4	19.0	13.4	29.2	36.3	37.5	26.9	13.7	11.6	57.7	47.4	31.5	30.6	19.2	26.9	25.8	12.4	10.9	11.0	7.5	12.0	14.2	20.2	18.2

Table H.9.1 Water Requirement (27/36)

Double Paddy Cropping 40 % (Case BE-2 & ABE-2 unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C1 Command Area 61 ha	1/2	26.6	23.9	26.6	44.8	48.7	50.2	45.2	26.4	19.5	86.2	73.2	53.4	44.8	30.4	42.4	40.8	33.6	31.3	18.0	11.1	14.6	16.8	24.5	27.7
	1/5	27.4	24.6	27.5	45.5	49.5	50.9	46.7	27.9	20.3	88.3	76.8	56.9	48.7	34.4	46.0	44.4	36.4	34.1	19.5	11.7	14.8	17.1	24.9	28.0
	1/10	27.7	24.9	27.8	45.8	49.8	51.2	47.3	28.5	20.6	89.2	78.3	58.4	50.4	36.1	47.5	46.0	37.6	35.4	20.1	11.9	14.8	17.2	25.1	28.2
	1/20	27.9	25.2	28.1	46.0	50.0	51.4	47.8	29.0	20.8	89.8	79.5	59.6	51.7	37.3	48.7	47.2	38.5	36.3	20.5	12.1	14.9	17.3	25.2	28.3
	1/5 (Exceedance)	25.2	22.5	25.0	43.5	47.2	48.9	42.3	23.5	18.0	82.2	67.1	47.2	39.1	24.8	36.2	34.7	28.3	26.1	15.3	10.0	14.2	16.3	23.8	26.9
Canal C2 Command Area 300 ha	1/10 (Exceedance)	24.2	21.5	23.9	42.6	46.1	48.1	40.2	21.4	17.0	79.6	63.9	44.0	36.7	22.3	33.1	31.6	24.9	22.7	13.3	9.2	13.9	15.9	23.2	26.4
	1/20 (Exceedance)	23.2	20.5	22.7	41.7	45.1	47.1	38.1	19.2	16.1	77.0	61.5	41.6	35.6	21.2	30.9	29.6	21.6	19.5	11.3	8.4	13.6	15.6	22.7	25.8
	1/2	132.2	118.7	132.7	222.1	241.4	248.4	223.0	129.9	95.6	423.5	360.0	262.3	220.2	149.6	208.3	200.7	165.1	154.1	88.7	54.6	72.1	83.6	121.7	137.2
	1/5	135.8	122.4	136.9	225.5	245.3	251.8	230.5	137.4	99.5	434.2	377.3	279.7	239.5	168.9	226.0	218.4	178.8	167.8	95.6	57.3	73.1	84.9	123.6	139.1
	1/10	137.4	123.9	138.7	227.0	246.9	253.2	233.7	140.6	101.0	438.3	384.9	287.3	247.9	177.3	233.7	226.1	184.9	173.9	98.6	58.5	73.5	85.5	124.4	139.9
Canal C9 Command Area 144 ha	1/20	138.5	125.0	139.9	228.0	248.1	254.2	236.0	143.0	102.1	441.3	390.6	293.0	254.2	183.6	239.5	231.9	189.6	178.5	100.8	59.4	73.8	85.8	125.0	140.5
	1/5 (Exceedance)	125.2	111.7	124.6	215.5	233.9	242.0	208.9	115.9	88.4	403.7	329.8	232.1	192.4	121.8	178.1	170.5	139.4	128.3	75.2	49.2	70.2	81.1	118.0	133.5
	1/10 (Exceedance)	120.3	106.8	119.0	211.0	228.8	237.6	198.4	105.4	83.8	391.2	313.9	216.2	180.3	109.7	162.7	155.2	122.5	111.5	65.5	45.3	68.8	79.3	115.3	130.8
	1/20 (Exceedance)	115.2	101.7	113.3	206.4	223.4	233.0	187.7	94.6	79.0	378.2	302.2	204.3	175.0	104.4	151.9	145.3	106.0	95.8	55.7	41.4	67.3	77.3	112.5	128.0
	1/2	63.0	56.5	65.4	108.0	115.6	119.0	107.9	63.4	46.4	204.7	175.0	128.1	108.7	74.8	104.9	101.3	82.0	76.7	42.1	26.0	34.5	39.9	58.2	65.7
Canal C10 Command Area 91 ha	1/5	64.9	58.4	67.2	109.5	117.5	120.6	111.3	66.9	48.2	209.7	183.2	136.3	117.8	83.8	113.0	109.4	88.4	83.1	45.5	27.4	35.0	40.5	59.2	66.6
	1/10	65.6	59.1	67.9	110.1	118.3	121.2	112.8	68.3	48.9	211.5	186.8	139.9	121.7	87.8	116.6	113.0	91.3	86.0	47.0	28.0	35.2	40.8	59.6	67.0
	1/20	66.2	59.7	68.5	110.5	118.9	121.7	113.9	69.4	49.4	212.9	189.4	142.4	124.6	90.6	119.1	115.5	93.4	88.2	48.1	28.4	35.3	41.0	59.8	67.3
	1/5 (Exceedance)	59.4	52.9	61.9	105.2	112.0	115.8	101.3	56.8	42.9	195.1	160.1	113.2	94.4	60.4	90.0	86.4	69.8	64.6	35.2	23.3	33.4	38.5	56.3	63.7
	1/10 (Exceedance)	56.8	50.4	59.4	103.1	109.4	113.7	96.2	51.7	40.6	189.0	152.1	105.1	87.8	53.9	81.9	78.3	61.7	56.4	30.2	21.3	32.7	37.5	54.9	62.3
Canal C15 Command Area 16 ha	1/20 (Exceedance)	54.2	47.7	56.8	101.0	106.7	111.3	91.0	46.5	38.3	182.7	146.0	98.9	84.4	50.4	75.5	72.2	53.6	48.4	25.3	19.3	31.9	36.5	53.4	60.8
	1/2	41.8	37.7	29.8	57.0	68.8	70.4	56.9	30.2	24.5	113.4	91.2	63.1	51.3	31.0	42.5	40.7	31.5	28.5	16.2	16.2	22.0	26.4	37.8	42.4
	1/5	42.6	38.4	32.3	59.1	70.1	71.5	60.0	33.3	25.8	117.0	95.9	67.8	54.5	34.2	45.0	43.0	36.8	33.6	28.4	16.9	22.2	26.6	38.2	42.8
	1/10	42.9	38.8	33.4	59.9	70.6	72.0	61.4	34.6	26.4	118.7	98.5	70.4	56.6	36.3	46.9	44.8	39.2	36.0	29.2	17.2	22.2	26.6	38.4	43.0
	1/20	43.2	39.0	34.3	60.6	71.1	72.4	62.3	35.6	26.9	120.0	100.6	72.5	58.4	38.1	48.6	46.5	41.1	37.9	29.8	17.4	22.3	26.7	38.5	43.1
Canal C15 Command Area 16 ha	1/5 (Exceedance)	40.6	36.5	26.0	54.0	66.9	68.8	52.3	25.9	22.5	108.1	86.4	58.2	50.6	30.3	43.4	41.6	25.6	22.9	24.1	15.1	21.8	26.1	37.2	41.8
	1/10 (Exceedance)	39.8	35.7	23.8	52.1	65.6	67.8	49.6	24.9	21.3	104.9	85.0	56.7	53.1	32.8	47.4	45.3	22.9	20.1	22.4	14.5	21.7	25.9	36.7	41.4
	1/20 (Exceedance)	39.1	34.9	22.5	50.2	64.3	66.7	47.0	24.0	20.1	102.0	84.9	56.5	58.1	37.9	54.4	52.3	21.0	18.2	20.6	13.7	21.5	25.7	36.3	41.0
	1/2	7.3	6.6	5.3	9.9	11.8	12.2	9.9	5.2	4.2	19.6	15.7	11.0	8.9	5.4	7.3	7.0	5.5	4.9	4.6	2.8	3.8	4.5	6.5	7.4
	1/5	7.5	6.8	5.7	10.3	12.1	12.3	10.5	5.7	4.4	20.2	16.6	11.8	9.5	6.0	7.8	7.4	6.4	5.8	4.9	2.9	3.8	4.6	6.6	7.5
Canal C15 Command Area 16 ha	1/10	7.5	6.8	5.9	10.4	12.2	12.4	10.7	6.0	4.6	20.5	17.1	12.3	9.8	6.3	8.1	7.7	6.8	6.3	5.0	3.0	3.8	4.6	6.6	7.5
	1/20	7.6	6.9	6.1	10.6	12.3	12.5	10.8	6.1	4.6	20.8	17.4	12.6	10.2	6.7	8.4	8.0	7.2	6.6	5.1	3.0	3.8	4.6	6.7	7.5
	1/5 (Exceedance)	7.1	6.4	4.6	9.4	11.5	11.9	9.1	4.5	3.9	18.7	14.9	10.1	8.8	5.3	7.5	7.2	4.4	3.9	4.2	2.6	3.7	4.5	6.4	7.3
	1/10 (Exceedance)	7.0	6.3	4.2	9.1	11.3	11.7	8.7	4.3	3.7	18.1	14.7	9.8	9.2	5.7	8.2	7.8	3.9	3.5	3.9	2.5	3.7	4.5	6.4	7.2
	1/20 (Exceedance)	6.8	6.1	4.0	8.7	11.1	11.5	8.2	4.1	3.5	17.6	14.6	9.8	10.1	6.6	9.5	9.1	3.6	3.1	3.6	2.4	3.7	4.4	6.3	7.1

Table H.9.1 Water Requirement (28/36)

Double Paddy Cropping 40 % (Case EE-2 & ABE-2 unit : I/s)

	Return period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	13.1	11.7	10.0	18.6	22.0	22.5	18.6	10.2	8.1	37.0	30.0	20.9	16.9	10.4	14.1	13.6	11.1	10.1	8.5	5.2	7.0	8.3	11.9	13.4
	1/5	13.3	12.0	10.7	19.2	22.4	22.9	19.5	11.1	8.5	38.1	31.6	22.5	18.2	11.6	15.3	14.7	12.7	11.7	9.1	5.4	7.0	8.4	12.1	13.5
	1/10	13.5	12.1	11.0	19.4	22.5	23.0	19.9	11.5	8.7	38.6	32.4	23.3	18.9	12.4	16.0	15.4	13.4	12.4	9.3	5.5	7.1	8.4	12.1	13.6
	1/20	13.6	12.2	11.2	19.6	22.7	23.1	20.2	11.8	8.8	39.0	33.0	23.9	19.5	13.0	16.6	16.0	14.0	13.0	9.5	5.6	7.1	8.4	12.2	13.6
	1/5 (1Exceedance)	12.7	11.3	8.8	17.7	21.3	22.0	17.2	8.7	7.4	35.3	28.2	19.1	16.1	9.6	13.6	13.0	9.0	8.1	7.6	4.8	6.9	8.2	11.7	13.1
	1/10 (1Exceedance)	12.4	11.0	8.1	17.1	21.0	21.7	16.3	8.2	7.0	34.2	27.5	18.4	16.5	9.9	14.1	13.5	7.9	7.0	7.0	4.6	6.8	8.1	11.6	13.0
	1/20 (1Exceedance)	12.1	10.7	7.4	16.6	20.5	21.3	15.4	7.9	6.7	33.2	27.3	18.1	17.6	11.1	15.5	14.9	7.1	6.3	6.4	4.3	6.8	8.0	11.4	12.8
	1/2	18.2	16.4	14.2	25.9	30.8	31.4	25.9	13.9	10.9	50.3	40.8	28.5	23.1	14.2	19.3	18.4	15.2	13.8	11.5	7.0	9.6	11.5	16.5	18.6
	1/5	18.6	16.8	15.2	26.7	31.3	31.9	27.2	15.2	11.5	51.8	43.0	30.8	24.8	16.0	20.9	19.9	17.4	16.0	12.3	7.3	9.7	11.6	16.7	18.8
	1/10	18.8	17.0	15.6	27.1	31.6	32.1	27.7	15.8	11.8	52.6	44.2	31.9	25.9	17.0	21.9	20.9	18.4	17.0	12.7	7.5	9.7	11.7	16.8	18.9
Canal C19 Command Area 40 ha	1/20	18.9	17.1	15.9	27.3	31.7	32.3	28.1	16.2	12.0	53.1	45.0	32.8	26.7	17.8	22.7	21.7	19.2	17.8	12.9	7.6	9.7	11.7	16.9	19.0
	1/5 (1Exceedance)	17.6	15.8	12.6	24.7	29.9	30.7	23.8	11.9	10.1	48.0	38.2	26.0	22.0	13.1	18.4	17.7	12.1	11.0	10.3	6.5	9.5	11.4	16.2	18.3
	1/10 (1Exceedance)	17.2	15.4	11.6	23.8	29.3	30.2	22.6	11.1	9.6	46.5	37.4	25.0	22.5	13.6	19.2	18.4	10.8	9.6	9.5	6.2	9.4	11.3	16.0	18.1
	1/20 (1Exceedance)	16.8	15.0	10.7	23.0	28.7	29.7	21.3	10.7	9.0	45.1	37.0	24.7	24.0	15.2	21.2	20.2	9.7	8.5	8.6	5.8	9.3	11.1	15.8	17.9
	1/2	12.1	10.9	9.2	17.3	20.2	20.8	17.2	9.4	7.5	34.3	27.9	19.4	15.7	9.7	13.1	12.6	10.3	9.4	7.9	4.8	6.5	7.7	11.0	12.4
	1/5	12.4	11.1	9.9	17.8	20.6	21.1	18.1	10.3	7.9	35.4	29.3	20.9	16.9	10.8	14.2	13.6	11.8	10.9	8.4	5.0	6.5	7.7	11.2	12.5
	1/10	12.5	11.2	10.2	18.0	20.7	21.2	18.4	10.6	8.1	35.9	30.1	21.7	17.6	11.5	14.9	14.3	12.5	11.6	8.7	5.1	6.5	7.8	11.2	12.6
	1/20	12.6	11.3	10.4	18.2	20.9	21.3	18.7	10.9	8.2	36.2	30.7	22.3	18.1	12.1	15.4	14.8	13.0	12.1	8.8	5.2	6.5	7.8	11.3	12.6
	1/5 (1Exceedance)	11.7	10.5	8.2	16.4	19.7	20.3	15.9	8.1	6.9	32.8	26.2	17.7	15.0	8.9	12.6	12.1	8.3	7.5	7.1	4.5	6.4	7.5	10.8	12.2
	1/10 (1Exceedance)	11.5	10.2	7.5	15.9	19.3	20.0	15.1	7.6	6.5	31.8	25.6	17.1	15.3	9.2	13.1	12.6	7.4	6.5	6.5	4.2	6.3	7.5	10.7	12.1
Canal C21 Command Area 23 ha	1/20 (1Exceedance)	11.2	10.0	6.9	15.3	18.9	19.7	14.3	7.3	6.2	30.9	25.3	16.8	16.4	10.3	14.4	13.8	6.6	5.8	5.9	4.0	6.3	7.4	10.6	11.9
	1/2	10.3	9.2	7.9	14.7	17.5	18.0	14.8	8.0	6.3	29.1	23.6	16.5	13.3	8.2	11.1	10.7	8.8	8.0	6.7	4.1	5.5	6.5	9.4	10.5
	1/5	10.5	9.4	8.4	15.1	17.8	18.3	15.6	8.8	6.7	30.0	24.9	17.7	14.3	9.2	12.1	11.5	10.0	9.2	7.1	4.2	5.5	6.6	9.5	10.6
	1/10	10.6	9.5	8.7	15.3	17.9	18.4	15.9	9.1	6.8	30.4	25.5	18.4	14.9	9.8	12.6	12.1	10.6	9.8	7.3	4.3	5.5	6.6	9.5	10.7
	1/20	10.6	9.6	8.9	15.5	18.0	18.5	16.1	9.3	6.9	30.7	26.0	18.9	15.4	10.3	13.1	12.6	11.0	10.3	7.5	4.4	5.5	6.6	9.5	10.7
	1/5 (1Exceedance)	9.9	8.9	7.0	14.0	17.0	17.6	13.7	6.9	5.8	27.8	22.1	15.0	12.7	7.6	10.7	10.2	7.0	6.3	6.0	3.8	5.4	6.4	9.2	10.3
	1/10 (1Exceedance)	9.7	8.7	6.4	13.5	16.7	17.3	12.9	6.4	5.5	26.9	21.6	14.5	13.0	7.8	11.1	10.6	6.2	5.5	5.5	3.6	5.4	6.4	9.1	10.2
	1/20 (1Exceedance)	9.5	8.4	5.9	13.1	16.4	17.0	12.3	6.2	5.2	26.1	21.4	14.3	13.9	8.7	12.2	11.7	5.6	4.9	5.0	3.4	5.3	6.3	8.9	10.1
	1/2	12.9	11.6	9.9	18.3	21.6	22.0	18.1	9.9	7.8	35.6	28.9	20.2	16.3	10.0	13.6	13.1	10.7	9.8	8.2	5.0	6.9	8.2	11.7	13.2
	1/5	13.1	11.8	10.6	18.8	22.0	22.4	19.0	10.8	8.2	36.7	30.5	21.7	17.5	11.2	14.8	14.2	12.2	11.3	8.7	5.2	6.9	8.3	11.9	13.3
Canal C22 Command Area 28 ha	1/10	13.3	11.9	10.9	19.1	22.2	22.5	19.4	11.1	8.4	37.2	31.3	22.5	18.2	11.9	15.5	14.8	13.0	12.0	9.0	5.3	6.9	8.3	11.9	13.4
	1/20	13.3	12.0	11.1	19.2	22.3	22.6	19.7	11.4	8.5	37.6	31.9	23.1	18.8	12.5	16.0	15.4	13.5	12.5	9.2	5.4	7.0	8.3	12.0	13.4
	1/5 (1Exceedance)	12.5	11.1	8.8	17.4	21.0	21.5	16.7	8.4	7.2	34.0	27.2	18.4	15.5	9.2	13.1	12.5	8.6	7.8	7.3	4.6	6.8	8.1	11.5	12.9
	1/10 (1Exceedance)	12.2	10.9	8.1	16.8	20.6	21.2	15.8	7.9	6.8	33.0	26.5	17.7	15.9	9.6	13.6	13.0	7.6	6.8	6.7	4.4	6.7	8.0	11.4	12.8
	1/20 (1Exceedance)	11.9	10.6	7.4	16.2	20.2	20.8	14.9	7.6	6.4	32.1	26.3	17.5	17.0	10.7	15.0	14.3	6.9	6.0	6.1	4.2	6.6	7.9	11.2	12.6

Water Requirement (29/36)

Double Paddy Cropping 60 % (Case E-3 & AE-3 unit : 1/8)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C1 Command Area 61 ha	1/2	55.0	47.4	46.8	96.5	101.4	113.5	107.8	65.1	52.5	136.8	113.6	84.0	68.8	56.4	86.8	84.7	61.0	58.2	39.6	30.0	31.7	33.0	51.0	42.4
	1/5	56.5	48.9	48.6	97.8	103.0	114.8	110.7	68.0	54.7	140.7	119.9	90.4	75.8	63.5	93.3	91.2	66.1	63.2	42.1	31.5	32.0	33.5	51.7	43.0
	1/10	57.2	49.5	49.3	98.4	103.6	115.3	112.0	69.3	55.5	142.3	122.7	93.2	78.9	66.5	96.1	94.0	68.3	65.4	43.2	32.2	32.2	33.7	52.1	43.3
	1/20	57.6	50.0	49.9	98.8	104.0	115.7	112.9	70.2	56.1	143.3	124.8	95.3	81.2	68.8	98.2	96.1	70.0	67.1	44.0	32.6	32.3	33.9	52.3	43.4
	1/5 (Exceedance)	52.1	44.5	43.5	94.0	98.6	111.0	102.4	59.6	48.6	129.6	102.6	73.0	58.6	46.2	75.8	73.7	51.6	48.8	34.7	27.0	30.9	31.9	49.4	41.3
1/10 (Exceedance)	50.1	42.4	41.1	92.2	96.6	109.3	98.3	55.5	46.0	125.0	96.7	72.2	54.2	41.8	70.2	68.1	45.4	42.6	31.1	24.9	30.4	31.1	48.3	40.4	
	1/20 (Exceedance)	47.9	40.3	38.8	90.4	94.5	107.5	94.1	51.3	43.4	120.3	92.5	62.8	52.2	39.9	66.2	64.4	39.4	36.8	27.5	22.7	29.8	30.3	47.1	39.6
	Canal C2	270.6	233.2	230.4	474.4	498.2	557.2	529.8	319.7	258.1	672.5	558.3	413.2	338.2	277.3	426.8	416.3	300.1	286.0	194.5	147.4	155.5	161.9	250.4	208.7
	Command	278.0	240.6	239.0	480.8	505.6	563.7	544.1	334.0	268.7	691.8	589.6	444.4	372.9	312.1	458.7	448.1	324.8	310.7	207.0	154.8	157.3	164.5	254.3	211.6
	Area	281.2	243.7	242.6	483.6	508.7	566.4	550.2	340.2	272.7	699.2	603.2	458.1	388.0	327.2	472.6	462.0	335.7	321.6	212.3	158.1	158.1	165.6	255.8	212.7
300 ha	1/20	283.4	245.9	245.2	485.5	511.0	568.3	554.7	344.7	275.7	704.6	613.5	468.4	399.4	338.5	483.0	472.5	344.1	330.0	216.2	160.4	158.6	166.3	257.0	213.6
	1/5 (Exceedance)	256.2	218.7	213.8	461.9	484.1	545.0	502.9	292.9	238.6	637.0	504.0	358.8	288.0	227.2	372.5	362.0	253.8	239.6	170.3	132.8	151.9	156.7	242.8	203.0
	1/10 (Exceedance)	246.2	208.7	202.4	453.3	474.4	536.6	482.8	272.8	226.2	614.4	475.3	330.2	266.3	205.5	344.9	334.5	223.4	209.2	152.7	122.3	149.2	152.9	237.3	198.9
	1/20 (Exceedance)	235.8	198.3	190.7	444.5	464.2	527.8	462.3	252.3	213.4	591.1	454.4	308.8	256.8	195.9	325.4	316.7	193.8	181.0	135.1	111.7	146.4	148.9	231.5	194.5
	Canal C9	129.0	110.9	114.0	230.3	238.6	266.9	255.9	155.4	125.3	325.4	272.0	202.1	167.7	138.4	213.8	208.8	149.0	142.2	92.6	70.3	74.3	77.1	119.7	99.7
Command	1/5	132.7	114.7	117.6	233.0	242.2	270.0	262.5	162.1	130.2	334.3	286.8	216.9	184.0	154.7	228.4	223.4	160.6	153.8	98.7	74.0	75.3	78.5	121.6	101.2
	Area	134.2	116.2	119.1	234.2	243.6	271.3	265.4	164.9	132.1	337.7	293.2	223.4	191.1	161.9	234.8	229.8	165.7	159.0	101.4	75.5	75.6	79.0	122.4	101.8
	144 ha	135.4	117.3	120.2	235.0	244.7	272.2	267.4	166.9	133.4	340.2	297.8	228.0	196.3	167.0	239.3	234.3	169.6	162.8	103.3	76.7	75.9	79.4	123.0	102.2
	1/5 (Exceedance)	121.5	103.5	106.8	224.9	231.7	260.9	243.3	142.8	115.8	308.1	245.2	175.3	141.9	112.6	187.0	182.0	127.1	120.4	80.2	62.8	72.3	74.3	115.7	96.7
	1/10 (Exceedance)	116.3	98.3	101.7	221.0	226.9	256.8	233.6	133.2	109.7	297.0	230.6	160.8	130.0	100.8	172.3	167.3	112.5	105.7	71.2	57.4	70.9	72.3	112.8	94.6
1/20 (Exceedance)	110.9	92.9	96.4	217.1	221.7	252.4	223.8	123.3	103.5	285.7	219.6	149.7	123.9	94.6	160.9	156.4	97.8	91.3	62.3	52.1	69.4	70.2	109.8	92.4	
	Canal C10	85.9	74.4	48.8	123.1	141.7	158.1	138.4	78.1	66.0	178.3	138.4	96.6	75.6	58.1	91.3	89.1	57.6	53.8	58.1	43.7	47.0	51.4	78.0	64.6
	Command	87.5	76.0	54.1	127.0	144.1	160.1	144.4	84.1	69.6	184.7	146.9	105.1	81.4	63.9	95.9	93.3	67.0	63.0	61.2	45.5	47.3	51.8	78.8	65.2
	Area	88.2	76.7	56.3	128.6	145.2	161.1	146.9	86.6	71.3	187.8	151.6	109.8	85.1	67.7	99.3	96.4	71.3	67.3	62.6	46.4	47.4	51.9	79.2	65.5
	91 ha	88.7	77.2	58.0	129.9	146.0	161.8	148.7	88.4	72.6	190.2	155.4	113.6	88.4	71.0	102.4	99.5	74.8	70.7	63.7	47.0	47.5	52.1	79.4	65.7
1/5 (Exceedance)	83.5	71.9	40.9	117.4	138.1	155.0	129.7	69.8	60.8	168.9	129.8	87.8	74.3	56.8	93.1	90.6	46.9	43.6	53.5	40.9	46.6	50.8	76.7	63.7	
	1/10 (Exceedance)	81.8	70.3	36.7	113.8	135.8	153.1	124.5	67.3	57.6	163.0	127.2	85.0	78.8	61.3	100.3	97.4	42.0	38.7	50.4	39.0	46.3	50.4	75.9	63.1
	1/20 (Exceedance)	80.2	68.7	34.7	110.3	133.3	151.0	119.5	64.8	54.4	157.7	127.0	84.8	87.9	70.4	112.8	109.9	38.6	35.3	47.2	37.1	46.0	49.9	75.0	62.4
	Canal C15	15.1	13.1	8.7	21.5	24.5	27.4	24.1	13.5	11.4	30.8	23.9	16.8	13.1	10.1	15.8	15.4	10.0	9.3	10.0	7.5	8.1	8.9	13.6	11.4
	Command	15.4	13.4	9.7	22.2	25.0	27.7	25.1	14.5	12.0	32.0	25.4	18.3	14.2	11.1	16.6	16.1	11.7	10.9	10.6	7.9	8.1	9.0	13.7	11.5
Area	1/5	15.5	13.5	10.1	22.5	25.1	27.9	25.6	14.9	12.3	32.5	26.3	19.2	14.8	11.8	17.2	16.6	12.4	11.7	10.8	8.0	8.1	9.0	13.8	11.5
	1/10	15.6	13.6	10.3	22.7	25.3	28.0	25.9	15.3	12.5	33.0	26.9	19.8	15.4	12.4	17.8	17.2	13.0	12.3	11.0	8.1	8.1	9.0	13.8	11.5
	1/20	14.6	12.7	7.3	20.5	23.9	26.8	22.6	12.0	10.5	29.2	22.4	15.2	12.9	9.9	16.1	15.6	8.1	7.5	9.2	7.1	8.0	8.8	13.3	11.2
	1/5 (Exceedance)	14.4	12.4	6.6	19.8	23.5	26.5	21.7	11.6	9.9	28.1	21.9	14.7	13.7	10.7	17.4	16.8	7.2	6.7	8.7	6.7	7.9	8.7	13.2	11.1
	1/10 (Exceedance)	14.1	12.1	6.2	19.2	23.0	26.1	20.8	11.2	9.4	27.2	21.9	14.7	15.3	12.3	19.6	19.0	6.7	6.1	8.1	6.4	7.9	8.6	13.0	11.0

Water Requirement (30/36)

Double Paddy Cropping 60 % (Case E-3 & AE-3 unit : Vs)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	27.1	23.4	16.8	40.4	45.6	50.9	45.3	26.1	21.8	58.2	45.7	32.1	25.1	19.4	30.2	29.5	20.3	19.0	18.5	13.9	15.1	16.3	24.8	20.5
	1/5	27.7	23.9	18.2	41.5	46.4	51.5	47.0	27.9	22.9	60.2	48.6	35.0	27.3	21.7	32.4	31.5	23.1	21.9	19.5	14.6	15.2	16.5	25.1	20.7
	1/10	27.9	24.2	18.9	41.9	46.7	51.8	47.8	28.6	23.4	61.2	50.1	36.5	28.6	23.0	33.6	32.8	24.4	23.2	20.0	14.8	15.2	16.5	25.2	20.8
	1/20	28.1	24.3	19.4	42.3	47.0	52.0	48.3	29.1	23.8	61.9	51.2	37.6	29.7	24.1	34.7	33.9	25.4	24.2	20.4	15.1	15.2	16.6	25.3	20.9
	1/5 (Exceedance)	26.2	22.5	14.4	38.7	44.5	49.9	42.5	23.3	20.1	55.3	42.4	28.9	23.6	18.0	29.2	28.5	16.4	15.3	16.9	13.0	14.9	16.1	24.4	19.9
	1/10 (Exceedance)	25.6	21.9	12.9	37.6	43.7	49.2	40.8	22.1	19.0	53.4	41.3	27.6	24.3	18.6	30.2	29.4	14.5	13.5	15.8	12.3	14.8	15.9	24.1	19.9
	1/20 (Exceedance)	25.0	21.3	11.6	36.4	42.9	48.6	39.1	21.3	18.0	51.5	40.8	27.2	26.3	20.7	32.7	31.9	13.1	12.1	14.7	11.6	14.6	15.7	23.7	19.7
	1/2	37.3	32.3	23.6	55.6	63.0	70.2	62.3	35.6	29.5	79.2	62.1	44.0	34.2	26.6	41.2	40.0	27.7	25.9	25.1	18.9	20.4	22.4	34.0	28.3
	1/5	38.1	33.1	25.6	57.1	64.1	71.0	64.8	38.0	31.1	82.0	66.1	48.0	37.4	29.8	44.1	42.8	31.6	29.8	26.5	19.8	20.6	22.6	34.4	28.6
Canal C19 Command Area 40 ha	1/10	38.4	33.4	26.5	57.7	64.5	71.5	65.8	39.0	31.8	83.3	68.2	50.1	39.2	31.6	45.9	44.5	33.5	31.7	27.2	20.1	20.6	22.7	34.6	28.7
	1/20	38.7	33.7	27.2	58.2	64.9	71.8	66.6	39.8	32.3	84.3	69.8	51.6	40.8	33.1	47.4	46.1	34.9	33.1	27.6	20.4	20.7	22.7	34.7	28.8
	1/5 (Exceedance)	36.1	31.1	20.3	53.2	61.4	68.7	58.4	31.7	27.3	75.1	57.6	39.4	32.2	24.6	39.7	38.7	22.2	20.8	23.0	17.6	20.2	22.0	33.4	27.8
	1/10 (Exceedance)	35.3	30.3	18.2	51.7	60.3	67.9	56.0	30.0	25.8	72.4	56.0	37.7	33.1	25.5	41.1	40.0	19.7	18.3	21.5	16.7	20.0	21.8	33.0	27.5
	1/20 (Exceedance)	34.5	29.5	16.4	50.1	59.2	66.9	53.7	28.9	24.4	70.0	55.4	37.0	36.0	28.3	44.6	43.3	17.8	16.4	19.9	15.8	19.9	21.6	32.5	27.2
	1/2	25.2	21.8	15.6	37.5	42.2	47.1	42.0	24.2	20.2	54.1	42.4	29.9	23.3	18.1	28.1	27.4	18.8	17.7	17.2	12.9	13.9	15.1	23.1	19.1
	1/5	25.8	22.3	17.0	38.5	42.9	47.7	43.6	25.8	21.3	55.9	45.1	32.6	25.4	20.2	30.1	29.3	21.5	20.3	18.1	13.5	14.0	15.3	23.3	19.3
	1/10	26.0	22.5	17.6	38.9	43.2	47.9	44.3	26.5	21.7	56.8	46.5	34.0	26.6	21.4	31.3	30.4	22.7	21.6	18.6	13.8	14.1	15.3	23.5	19.3
	1/20	26.1	22.7	18.0	39.3	43.4	48.1	44.8	27.0	22.1	57.5	47.6	35.0	27.7	22.4	32.3	31.4	23.7	22.5	18.9	14.0	14.1	15.4	23.5	19.4
Canal C20 Command Area 27 ha	1/5 (Exceedance)	24.4	20.9	13.4	35.9	41.1	46.2	39.4	21.6	18.7	51.3	39.4	26.8	22.0	16.7	27.1	26.5	15.2	14.2	15.7	12.1	13.8	14.9	22.6	18.7
	1/10 (Exceedance)	23.9	20.4	12.0	34.9	40.4	45.6	37.8	20.5	17.7	49.5	38.3	25.7	22.5	17.3	28.1	27.3	13.5	12.5	14.7	11.4	13.7	14.7	22.4	18.5
	1/20 (Exceedance)	23.3	19.8	10.8	33.8	39.7	44.9	36.3	19.8	16.7	47.9	37.9	25.2	22.4	19.2	30.4	29.6	12.2	11.2	13.6	10.8	13.6	14.6	22.0	18.3
	1/2	21.5	18.6	13.5	32.1	36.7	40.8	36.1	20.6	17.1	45.8	35.9	25.4	19.8	15.3	23.8	23.2	16.0	15.0	14.5	11.0	11.9	13.0	19.7	16.3
	1/5	21.9	19.0	14.7	33.0	37.3	41.3	37.5	22.1	18.0	47.4	38.2	27.7	21.6	17.2	25.5	24.8	18.2	17.2	15.4	11.4	12.0	13.1	19.9	16.5
	1/10	22.1	19.2	15.2	33.3	37.5	41.6	38.1	22.7	18.4	48.2	39.4	28.9	22.6	18.2	26.5	25.8	19.3	18.3	15.7	11.7	12.0	13.2	20.0	16.5
	1/20	22.3	19.3	15.6	33.6	37.7	41.7	38.6	23.1	18.7	48.7	40.3	29.8	23.5	19.1	27.4	26.6	20.1	19.1	16.0	11.8	12.0	13.2	20.1	16.6
	1/5 (Exceedance)	20.8	17.9	11.7	30.7	35.7	40.0	33.8	18.3	15.8	45.5	33.3	22.8	18.6	14.2	23.0	22.4	12.9	12.0	13.3	10.2	11.7	12.8	19.3	16.0
	1/10 (Exceedance)	20.3	17.4	10.4	29.8	35.1	39.5	32.4	17.4	15.0	41.9	32.4	21.8	19.1	14.7	23.8	23.1	11.4	10.6	12.4	9.7	11.7	12.6	19.1	15.8
Canal C22 Command Area 28 ha	1/20 (Exceedance)	19.8	16.9	9.4	29.0	34.5	38.9	31.0	16.7	14.1	40.5	32.1	21.4	20.8	16.3	25.8	25.0	10.3	9.5	11.5	9.1	11.6	12.5	18.8	15.6
	1/2	26.2	22.6	16.2	39.0	43.9	49.0	43.6	25.2	21.0	56.2	44.1	31.0	24.2	18.8	29.2	28.4	19.6	18.4	17.8	13.4	14.5	15.7	24.0	19.8
	1/5	26.7	23.1	17.6	40.0	44.6	49.6	45.3	26.8	22.1	58.1	46.8	33.8	26.4	20.9	31.2	30.4	22.3	21.1	18.8	14.0	14.6	15.9	24.2	20.0
	1/10	26.9	23.3	18.2	40.4	45.0	49.9	46.0	27.5	22.6	59.0	48.3	35.2	27.6	22.9	32.5	31.6	23.6	22.4	19.3	14.3	14.6	15.9	24.4	20.1
	1/20	27.1	23.5	18.7	40.8	45.2	50.1	46.6	28.1	23.0	59.7	49.4	36.3	28.7	23.3	33.5	32.6	24.5	23.3	19.6	14.5	14.7	16.0	24.4	20.1
	1/5 (Exceedance)	25.3	21.7	13.9	37.3	42.8	48.0	41.0	22.5	19.4	53.3	40.9	27.9	22.8	17.4	28.2	27.5	15.8	14.8	16.3	12.5	14.3	15.5	23.5	19.4
	1/10 (Exceedance)	24.7	21.1	12.5	36.2	42.1	47.4	39.3	21.3	18.3	51.4	39.8	26.7	23.4	18.0	29.1	28.4	14.0	13.0	15.2	11.9	14.2	15.3	23.2	19.2
	1/20 (Exceedance)	24.2	20.6	11.2	35.1	41.3	46.7	37.7	20.5	17.3	49.7	39.4	26.2	25.4	19.9	31.6	30.7	12.7	11.6	14.1	11.2	14.1	15.1	22.9	19.0

Canal Comm Area 64 ha	Canal Comm Area 300 ha	Canal Comm Area 144 ha	Canal Comm Area 91 ha	Canal Comm Area 16 ha
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Water Requirement (32/36)

Double Paddy Cropping 60 % (Case BE-3 & ABE-3 unit : I/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C18 Command Area 29 ha	1/2	15.1	13.0	9.3	22.4	25.4	28.3	25.2	14.5	12.1	32.3	25.4	17.9	13.9	10.8	16.8	16.4	11.3	10.6	10.3	7.7	8.4	9.1	13.8	15.4
	1/5	15.4	13.3	10.1	23.0	25.8	28.6	26.1	15.5	12.7	33.5	27.0	19.4	15.2	12.1	18.0	17.5	12.8	12.2	10.9	8.1	8.4	9.2	14.0	15.6
	1/10	15.5	13.4	10.5	23.3	26.0	28.8	26.5	15.9	13.0	34.0	27.8	20.3	15.9	12.8	18.7	18.2	13.6	12.9	11.1	8.2	8.4	9.2	14.0	15.7
	1/20	15.6	13.5	10.8	23.5	26.1	28.9	26.8	16.2	13.2	34.4	28.4	20.9	16.5	13.4	19.3	18.8	14.1	13.4	11.3	8.4	8.5	9.2	14.1	15.7
	1/5 (Exceedance)	14.6	12.5	8.0	21.5	24.7	27.7	23.6	12.9	11.2	30.7	23.6	16.0	13.1	10.0	16.2	15.8	9.1	8.5	9.4	7.2	8.3	8.9	13.5	15.2
	1/10 (Exceedance)	14.2	12.2	7.2	20.9	24.3	27.4	22.6	12.3	10.6	29.6	22.9	15.4	13.5	10.3	16.8	16.4	8.1	7.5	8.8	6.8	8.2	8.8	13.4	15.0
Canal C19 Command Area 40 ha	1/2	20.7	18.0	13.1	30.9	35.0	39.0	34.6	19.8	16.4	44.0	34.5	24.4	19.0	14.8	22.9	22.2	15.4	14.4	14.0	10.5	11.4	12.4	18.9	21.2
	1/5	21.2	18.4	14.2	31.7	35.6	39.5	36.0	21.1	17.3	45.6	36.7	26.7	20.8	16.5	24.5	23.8	17.6	16.6	14.7	11.0	11.4	12.5	19.1	21.4
	1/10	21.4	18.6	14.7	32.1	35.8	39.7	36.6	21.7	17.7	46.3	37.9	27.8	21.8	17.6	25.5	24.7	18.6	17.6	15.1	11.2	11.5	12.6	19.2	21.5
	1/20	21.5	18.7	15.1	32.3	36.0	39.9	37.0	22.1	18.0	46.9	38.8	28.7	22.6	18.4	26.3	25.6	19.4	18.4	15.4	11.4	11.5	12.6	19.3	21.6
	1/5 (Exceedance)	20.1	17.3	11.3	29.6	34.1	38.2	32.5	17.6	15.2	41.7	32.0	21.9	17.9	13.7	22.1	21.5	12.4	11.6	12.8	9.8	11.2	12.2	18.5	20.9
	1/10 (Exceedance)	19.6	16.8	10.1	28.7	33.5	37.7	31.1	16.7	14.3	40.2	31.1	20.9	18.4	14.2	22.8	22.2	11.0	10.2	11.9	9.3	11.1	12.1	18.3	20.6
Canal C20 Command Area 27 ha	1/20 (Exceedance)	19.2	16.4	9.1	27.8	32.9	37.2	29.8	16.0	13.6	38.9	30.8	20.6	15.7	10.0	24.8	24.0	9.9	9.1	11.1	8.8	11.0	12.0	18.1	20.4
	1/2	14.0	12.1	8.7	20.8	23.4	26.2	23.3	13.4	11.2	30.0	23.6	16.6	12.9	10.0	15.6	15.2	10.5	9.8	9.5	7.2	7.7	8.4	12.8	14.3
	1/5	14.3	12.4	9.4	21.4	23.8	26.5	24.2	14.4	11.8	31.1	25.1	18.1	14.1	11.2	16.7	16.3	11.9	11.3	10.1	7.5	7.8	8.5	13.0	14.5
	1/10	14.4	12.5	9.8	21.6	24.0	26.6	24.6	14.7	12.1	31.6	25.8	18.9	14.8	11.9	17.4	16.9	12.6	12.0	10.3	7.7	7.8	8.5	13.0	14.6
	1/20	14.5	12.6	10.0	21.8	24.1	26.7	24.9	15.0	12.3	31.9	26.4	19.5	15.4	12.5	17.9	17.5	13.1	12.5	10.5	7.8	7.8	8.5	13.1	14.6
	1/5 (Exceedance)	13.6	11.6	7.5	20.0	22.8	25.6	21.9	12.0	10.4	28.5	21.9	14.9	12.2	9.3	15.1	14.7	8.5	7.9	8.7	6.7	7.7	8.3	12.6	14.1
Canal C21 Command Area 23 ha	1/10 (Exceedance)	13.3	11.3	6.7	19.4	22.5	25.3	21.0	11.4	9.8	27.5	21.3	14.3	12.5	9.6	15.6	15.2	7.5	7.0	8.2	6.4	7.6	8.2	12.4	13.9
	1/20 (Exceedance)	12.9	11.0	6.0	18.8	22.0	25.0	20.2	11.0	9.3	26.6	21.1	14.0	13.6	10.7	16.9	16.4	6.8	6.2	7.6	6.0	7.5	8.1	12.2	13.8
	1/2	11.9	10.3	7.5	17.8	20.4	22.7	20.0	11.5	9.5	25.5	20.0	14.1	11.0	8.5	13.2	12.9	8.9	8.3	8.1	6.1	6.6	7.2	10.9	12.2
	1/5	12.2	10.6	8.2	18.3	20.7	23.0	20.9	12.3	10.0	26.3	21.2	15.4	12.0	9.5	14.2	13.8	10.1	9.6	8.5	6.4	6.6	7.3	11.1	12.4
	1/10	12.3	10.7	8.4	18.5	20.8	23.1	21.2	12.6	10.2	26.8	21.9	16.0	12.6	10.1	14.7	14.3	10.7	10.2	8.7	6.5	6.7	7.3	11.1	12.4
	1/20	12.4	10.7	8.7	18.7	21.0	23.2	21.4	12.8	10.4	27.1	22.4	16.5	13.1	10.6	15.2	14.8	11.2	10.6	8.9	6.6	6.7	7.3	11.1	12.5
Canal C22 Command Area 28 ha	1/5 (Exceedance)	11.5	9.9	6.5	17.1	19.8	22.2	18.8	10.2	8.8	24.1	18.5	12.6	10.3	7.9	12.8	12.4	7.2	6.7	7.4	5.7	6.5	7.1	10.7	12.0
	1/10 (Exceedance)	11.3	9.7	5.8	16.6	19.5	21.9	18.0	9.6	8.3	23.3	18.0	12.1	10.6	8.2	13.2	12.9	6.3	5.9	6.9	5.4	6.5	7.0	10.6	11.9
	1/20 (Exceedance)	11.0	9.4	5.2	16.1	19.2	21.6	17.2	9.3	7.8	22.5	17.8	11.9	11.5	9.1	14.3	13.9	5.7	5.3	6.4	5.1	6.4	6.9	10.4	11.7
	1/2	14.5	12.5	9.0	21.6	24.4	27.2	24.2	14.0	11.7	31.2	24.5	17.2	13.4	10.4	16.2	15.8	10.9	10.2	9.9	7.5	8.1	8.7	13.3	14.9
	1/5	14.8	12.8	9.8	22.2	24.8	27.6	25.2	14.9	12.3	32.3	26.0	18.8	14.6	11.6	17.3	16.9	12.4	11.7	10.5	7.8	8.1	8.8	13.5	15.0
	1/10	15.0	13.0	10.1	22.5	25.0	27.7	25.6	15.3	12.5	32.8	26.8	19.6	15.3	12.3	18.0	17.6	13.1	12.4	10.7	8.0	8.1	8.9	13.5	15.1

Double Paddy Cropping 100 % (Case E-4 & AE-4 unit : I/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C1 Command Area 61 ha	1/2	55.01	42.0	24.7	109.0	108.6	146.3	152.9	96.7	87.5	100.3	77.1	60.0	45.1	59.7	108.0	107.1	62.2	61.7	53.8	50.0	36.2	28.2	51.8	33.1
	1/5	56.5	43.5	26.5	110.0	109.8	147.5	155.5	99.3	91.1	104.2	83.5	66.4	52.1	66.7	114.4	113.6	67.2	66.7	56.3	52.5	36.5	28.8	52.6	33.5
	1/10	57.2	44.2	27.2	110.4	110.3	148.0	156.6	100.5	92.5	105.7	86.2	69.2	55.2	69.8	117.3	116.4	69.5	68.9	57.4	53.6	36.6	29.0	52.9	33.7
	1/20	57.6	44.6	27.7	110.7	110.6	148.4	157.5	101.3	93.5	106.8	88.3	71.2	57.5	72.1	119.4	118.5	71.2	70.6	58.2	54.4	36.7	29.1	53.1	33.9
	1/5 (Exceedance)	52.1	39.1	21.3	107.0	106.4	144.1	148.0	91.8	80.9	93.1	66.1	49.0	34.9	49.5	96.9	96.1	52.8	52.3	48.9	45.1	35.6	27.2	50.2	32.2
	1/10 (Exceedance)	50.1	37.1	19.0	105.6	104.8	142.5	144.3	88.1	76.7	88.5	60.2	43.2	30.5	45.0	91.3	90.5	46.6	46.1	45.3	41.5	35.2	26.4	49.1	31.5
	1/20 (Exceedance)	47.9	34.9	16.6	104.2	103.2	140.9	140.5	84.4	72.4	83.8	56.0	38.8	28.5	43.1	87.3	86.8	40.6	40.4	41.7	37.9	34.8	25.6	47.9	30.9
Canal C2 Command Area 300 ha	1/2	270.6	206.8	121.8	555.8	534.0	719.4	751.7	475.3	430.2	493.1	379.1	295.2	221.7	293.3	530.6	526.4	306.0	307.3	264.3	245.6	177.8	138.8	254.6	162.8
	1/5	278.0	214.2	130.4	540.8	539.8	725.2	764.6	488.2	447.8	512.3	410.3	326.4	256.4	328.1	562.5	558.2	330.6	327.9	276.7	258.1	179.2	141.4	258.4	165.0
	1/10	281.2	217.3	134.0	542.9	542.3	727.6	770.1	493.7	459.6	519.7	424.0	340.1	271.5	343.2	576.4	570.4	341.5	338.8	282.1	263.4	179.8	142.5	260.0	165.9
	1/20	283.4	219.5	136.6	544.5	544.0	729.4	774.1	497.8	459.5	525.1	434.3	350.4	282.8	354.5	586.9	582.6	349.9	347.2	286.0	267.3	180.2	143.3	261.1	166.6
	1/5 (Exceedance)	256.2	192.4	105.2	526.0	523.0	708.4	727.5	451.1	397.7	457.6	324.7	240.9	171.5	243.2	476.3	472.1	259.6	256.9	240.1	221.4	175.0	133.6	246.9	158.4
	1/10 (Exceedance)	246.2	182.3	93.8	519.3	515.5	700.8	709.4	433.0	377.0	434.9	296.1	212.2	149.8	221.4	448.7	444.5	229.2	226.5	203.8	173.0	129.8	241.4	155.2	
	1/20 (Exceedance)	235.8	171.9	82.1	512.4	507.5	692.9	690.9	414.6	355.6	411.6	275.1	190.8	140.3	211.9	429.2	426.7	199.6	198.3	204.9	186.2	170.8	125.8	235.6	151.9
Canal C9 Command Area 144 ha	1/2	129.0	98.2	61.9	259.4	236.6	345.7	362.8	230.2	208.8	239.1	185.8	145.4	111.7	146.1	263.7	261.7	151.8	150.5	126.1	117.1	85.2	66.1	121.8	77.8
	1/5	132.7	102.0	65.5	261.5	239.3	348.4	368.9	236.3	217.0	248.0	200.6	160.2	128.0	162.4	278.3	276.3	163.3	162.1	132.3	123.3	85.9	67.5	123.7	78.9
	1/10	134.2	103.5	67.0	262.4	260.5	349.6	371.4	238.8	220.1	251.4	207.1	166.7	135.1	169.5	284.8	282.8	168.5	167.3	134.9	125.9	86.2	68.0	124.5	79.4
	1/20	135.4	104.6	68.1	263.1	261.3	350.4	373.3	240.7	222.4	253.9	211.7	171.3	140.2	174.7	289.3	287.2	172.4	171.1	136.8	127.8	86.4	68.4	125.1	79.7
	1/5 (Exceedance)	121.5	90.8	54.7	255.2	251.1	340.2	351.4	218.8	193.0	221.9	159.0	118.6	85.9	120.3	236.9	234.9	129.4	128.6	113.7	104.7	83.7	63.4	117.8	75.5
	1/10 (Exceedance)	116.3	85.6	49.5	252.1	247.4	336.5	342.7	210.1	182.8	210.7	144.5	104.1	74.0	108.5	222.2	220.2	115.3	114.0	104.7	95.7	82.6	61.4	114.9	73.8
	1/20 (Exceedance)	110.9	80.2	44.3	249.1	243.4	332.5	333.7	201.1	172.4	198.4	133.5	93.0	67.9	102.3	210.8	209.3	100.6	99.6	95.8	86.8	81.5	59.2	111.9	72.1
Canal C10 Command Area 91 ha	1/2	85.9	66.3	15.8	142.1	130.8	204.0	203.2	124.1	110.0	126.8	86.9	62.7	42.1	62.7	121.2	120.7	59.3	58.8	78.1	72.8	52.3	44.5	79.4	50.4
	1/5	87.5	67.9	21.1	145.0	152.6	205.8	208.4	129.4	116.0	133.2	95.5	71.3	47.9	68.5	125.8	124.9	68.7	68.0	81.3	75.9	52.5	44.9	80.2	50.8
	1/10	88.2	68.6	23.3	146.3	153.4	206.7	210.7	131.7	118.8	136.3	100.1	75.9	51.7	72.3	129.2	128.0	73.0	72.3	82.7	77.3	52.6	45.1	80.5	51.1
	1/20	88.7	69.2	25.0	147.2	154.0	207.3	212.3	133.3	121.0	138.7	103.9	79.7	55.0	75.6	132.3	131.1	76.4	75.7	83.8	78.4	52.6	45.2	80.8	51.2
	1/5 (Exceedance)	83.5	63.9	8.0	137.8	148.0	201.3	195.4	116.4	101.4	117.3	78.3	53.9	40.8	61.4	122.9	122.3	48.6	48.6	73.5	68.2	52.0	43.9	78.1	49.6
	1/10 (Exceedance)	81.8	62.3	4.2	135.1	146.3	199.6	190.7	112.1	95.9	111.5	75.7	51.1	45.3	63.9	130.1	129.0	43.7	43.7	70.4	65.1	51.8	43.5	77.2	49.2
	1/20 (Exceedance)	80.2	60.6	4.0	132.4	144.4	197.7	186.3	108.0	90.7	106.2	75.6	50.9	54.4	75.0	142.7	141.5	40.3	40.3	67.2	61.8	51.5	43.1	76.4	48.7
Canal C15 Command Area 16 ha	1/2	15.1	11.7	3.1	24.9	26.5	35.6	35.4	21.4	19.0	22.0	15.0	11.0	7.4	10.9	20.9	20.8	10.3	10.1	13.5	12.5	9.0	7.8	13.8	8.9
	1/5	15.4	12.0	4.0	25.4	26.8	36.0	36.4	22.4	20.0	23.1	16.6	12.5	8.4	11.9	21.8	21.5	11.9	11.8	14.0	13.1	9.0	7.9	14.0	9.0
	1/10	15.5	12.1	4.4	25.6	26.9	36.1	36.8	22.8	20.5	23.6	17.4	13.3	9.1	12.6	22.4	22.1	12.7	12.5	14.3	13.3	9.1	7.9	14.0	9.0
	1/20	15.6	12.2	4.7	25.8	27.0	36.2	37.1	23.1	20.9	24.1	18.1	14.0	9.7	13.2	22.9	22.6	13.3	13.1	14.4	13.5	9.1	7.9	14.1	9.1
	1/5 (Exceedance)	14.6	11.3	1.7	24.1	26.0	35.2	34.0	20.1	17.5	20.3	13.5	9.4	7.1	10.7	21.2	21.1	8.4	8.4	12.7	11.8	9.0	7.7	13.6	8.8
	1/10 (Exceedance)	14.4	11.0	1.1	23.6	25.7	34.8	33.2	19.3	16.5	19.2	13.1	8.9	7.9	11.5	22.5	22.2	7.5	7.5	12.1	11.2	8.9	7.6	13.5	8.7
	1/20 (Exceedance)	14.1	10.7	1.0	23.1	25.3	34.5	32.4	18.6	15.6	18.3	13.0	8.9	9.6	13.1	24.8	24.5	6.9	6.9	11.6	10.7	8.9	7.5	13.3	8.6

Double Paddy Cropping 100 % (Case E-1 & AE-1 unit : l/s)

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Water Requirement (35/36)

Double Paddy Cropping 100 % (Case BE-4 & ABE-4 unit : l/s)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.												
Canal C1 Command Area 61 ha	1/2	30.6	23.3	13.7	60.5	60.3	81.3	84.9	53.7	48.6	55.7	42.8	33.3	25.0	33.1	60.0	59.5	34.6	34.3	29.9	27.8	20.1	15.7	28.8	32.1
	1/5	31.4	24.2	14.7	61.1	61.0	81.9	86.4	55.2	50.6	57.9	46.4	36.9	29.0	37.1	63.6	63.1	37.4	37.1	31.3	29.2	20.3	16.0	29.2	32.6
	1/10	31.8	24.5	15.1	61.3	61.3	82.2	87.0	55.8	51.4	58.7	47.9	38.4	30.7	38.8	65.1	64.7	38.6	38.3	31.9	29.8	20.3	16.1	29.4	32.7
	1/20	32.0	24.8	15.4	61.5	61.5	82.4	87.5	56.3	52.0	59.3	49.1	39.6	31.9	40.0	66.3	65.8	39.5	39.2	32.3	30.2	20.4	16.2	29.5	32.9
	1/5 (Exceedance)	28.9	21.7	11.9	59.4	59.1	80.0	82.2	51.0	45.0	51.7	36.7	27.2	19.4	27.5	53.8	53.4	29.3	29.0	27.1	25.0	19.8	15.1	27.9	31.3
	1/10 (Exceedance)	27.8	20.6	10.6	58.7	58.2	79.2	80.2	49.0	42.6	49.2	33.5	24.0	16.9	25.0	50.7	50.3	25.9	25.6	25.2	23.0	19.6	14.7	27.3	30.6
	1/20 (Exceedance)	26.6	19.4	9.2	57.9	57.3	78.3	78.1	46.9	40.2	46.5	31.1	21.6	15.9	24.0	48.5	48.2	22.6	22.4	23.2	21.0	19.3	14.2	26.6	30.0
Canal C2 Command Area 300 ha	1/2	150.3	114.9	67.7	297.7	296.7	399.7	417.6	264.1	239.0	273.9	210.6	164.0	123.1	163.0	294.8	292.4	170.0	168.5	146.8	136.4	98.8	77.1	141.4	157.9
	1/5	154.5	119.0	72.4	300.5	299.9	402.9	424.8	271.2	248.8	284.6	228.0	181.4	142.5	182.3	312.5	310.1	183.7	182.2	153.7	143.4	99.5	78.5	143.6	160.1
	1/10	156.2	120.7	74.4	301.6	301.3	404.2	427.8	274.3	252.5	288.7	235.6	189.0	150.9	190.7	320.2	317.8	189.7	188.2	156.7	146.3	99.9	79.2	144.4	160.9
	1/20	157.4	122.0	75.9	302.5	302.2	405.2	430.1	276.5	255.3	291.7	241.3	194.7	157.1	196.9	326.0	323.6	194.4	192.9	158.9	148.5	100.1	79.6	145.1	161.6
	1/5 (Exceedance)	142.3	106.9	58.4	292.2	290.6	393.5	404.2	250.6	220.9	254.2	180.4	133.8	95.3	135.1	264.6	262.3	144.2	142.7	133.4	123.0	97.2	74.2	137.2	153.7
	1/10 (Exceedance)	136.8	101.3	52.1	288.5	286.4	389.4	394.1	240.6	209.4	241.6	164.5	117.9	83.2	123.0	249.3	247.0	127.3	125.8	123.6	113.2	96.1	72.1	134.1	150.6
	1/20 (Exceedance)	131.0	95.5	45.6	284.7	281.9	384.9	383.8	230.3	197.6	228.7	152.9	106.0	77.9	117.7	238.5	237.1	110.9	110.2	113.8	103.4	94.9	69.9	130.9	147.4
Canal C9 Command Area 144 ha	1/2	71.6	54.6	34.4	144.1	142.5	192.0	201.6	127.9	116.0	132.8	103.2	80.8	62.0	81.2	146.5	145.4	84.3	83.6	70.1	65.1	47.3	36.7	67.6	75.5
	1/5	73.7	56.7	36.4	145.3	144.1	193.6	204.9	131.3	120.5	137.8	111.4	89.0	71.1	90.2	154.6	153.5	90.7	90.0	73.5	68.5	47.7	37.5	68.7	76.6
	1/10	74.6	57.5	37.2	145.8	144.7	194.2	206.3	132.7	122.3	139.7	115.0	92.6	75.1	94.2	158.2	157.1	93.6	92.9	74.9	70.0	47.9	37.8	69.2	77.1
	1/20	75.2	58.1	37.8	146.1	145.2	194.7	207.4	133.7	123.5	141.1	117.6	95.2	77.9	97.0	160.7	159.6	95.8	95.1	76.0	71.0	48.0	38.0	69.5	77.4
	1/5 (Exceedance)	67.5	50.4	30.4	141.8	139.5	189.0	195.2	121.6	107.2	123.3	88.3	65.9	47.7	66.8	131.6	130.5	72.2	71.5	63.2	58.2	46.5	35.2	65.4	73.3
	1/10 (Exceedance)	64.6	47.5	27.5	140.1	137.4	186.9	190.4	116.7	101.6	117.1	80.3	57.8	41.1	60.3	123.5	122.4	64.0	63.3	58.2	53.2	45.9	34.1	63.8	71.7
	1/20 (Exceedance)	61.6	44.5	24.6	138.4	135.2	184.7	185.4	111.7	95.8	110.8	74.2	51.7	37.7	56.8	117.1	116.3	55.9	55.3	53.2	48.2	45.3	32.9	62.2	70.1
Canal C10 Command Area 91 ha	1/2	47.7	36.9	8.8	79.0	83.8	113.3	112.9	68.9	61.1	70.4	48.3	34.9	23.4	34.8	67.3	67.0	32.9	32.7	43.4	40.4	29.0	24.7	44.1	49.0
	1/5	48.6	37.7	11.7	80.6	84.8	114.4	115.8	71.9	64.4	74.0	53.0	39.6	26.6	38.0	69.9	69.4	38.2	37.8	45.1	42.2	29.2	25.0	44.5	49.5
	1/10	49.0	38.1	13.0	81.3	85.2	114.8	117.1	73.1	66.0	75.7	55.6	42.2	28.7	40.1	71.8	71.1	40.6	40.2	45.9	43.0	29.2	25.1	44.7	49.7
	1/20	49.3	38.4	13.9	81.8	85.6	115.2	118.0	74.0	67.2	77.0	57.1	44.3	30.5	42.0	73.5	72.8	42.5	42.1	46.5	43.6	29.2	25.1	44.9	49.8
	1/5 (Exceedance)	46.4	35.5	4.4	76.5	82.2	111.8	108.6	64.7	56.3	65.2	43.5	29.9	22.7	34.1	68.3	67.9	27.0	27.0	40.9	37.9	28.9	24.4	43.4	48.3
	1/10 (Exceedance)	45.5	34.6	2.3	75.0	81.3	110.9	106.0	62.3	53.3	61.9	42.1	28.4	25.2	36.6	72.3	71.7	24.3	24.3	39.1	36.2	28.8	24.2	42.9	47.9
	1/20 (Exceedance)	44.6	33.7	2.2	73.5	80.2	109.8	103.5	60.0	50.4	59.0	42.0	28.3	30.2	41.7	79.3	78.6	22.4	22.4	37.3	34.4	28.6	23.9	42.4	47.4
Canal C15 Command Area 16 ha	1/2	8.4	6.5	1.7	13.8	14.7	19.8	19.7	11.9	10.5	12.2	8.3	6.1	4.1	6.1	11.6	11.6	5.7	5.6	7.5	7.0	5.0	4.3	7.7	8.6
	1/5	8.5	6.7	2.2	14.1	14.9	20.0	20.2	12.4	11.1	12.8	9.2	6.9	4.7	6.6	12.1	12.0	6.6	6.5	7.8	7.3	5.0	4.4	7.8	8.7
	1/10	8.6	6.7	2.5	14.2	15.0	20.1	20.4	12.7	11.4	13.1	9.7	7.4	5.0	7.0	12.4	12.3	7.1	7.0	7.9	7.4	5.0	4.4	7.8	8.7
	1/20	8.7	6.8	2.6	14.3	15.0	20.1	20.6	12.8	11.6	13.4	10.0	7.8	5.4	7.3	12.7	12.6	7.4	7.3	8.0	7.5	5.0	4.4	7.8	8.7
	1/5 (Exceedance)	8.1	6.3	1.0	13.4	14.4	19.5	18.9	11.1	9.7	11.3	7.5	5.2	4.0	5.9	11.8	11.7	4.7	4.7	7.0	6.5	5.0	4.3	7.6	8.5
	1/10 (Exceedance)	8.0	6.1	0.6	13.1	14.3	19.4	18.4	10.7	9.2	10.7	7.3	4.9	4.4	6.4	12.5	12.4	4.2	4.2	6.7	6.2	5.0	4.2	7.5	8.4
	1/20 (Exceedance)	7.8	6.0	0.6	12.8	14.1	19.2	18.0	10.3	8.7	10.2	7.2	4.9	5.3	7.3	13.8	13.6	3.9	3.9	6.4	5.9	4.9	4.2	7.4	8.3

Water Requirement (36/36)

Double Paddy Cropping 100 % (Case BE-1 & ABE-4 unit : 1/4)

	Return Period	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
Canal C18 Command Area 29 ha	1/2	15.1	11.5	3.4	25.7	26.8	36.3	36.6	22.6	20.2	23.1	16.2	11.8
	1/5	15.4	11.8	4.2	26.1	27.1	36.6	37.5	23.5	21.2	24.2	17.8	13.4
	1/10	15.5	12.0	4.6	26.3	27.2	36.8	37.8	23.9	21.7	24.8	18.2	14.2
	1/20	15.6	12.1	4.8	26.4	27.4	36.9	38.1	24.1	22.1	25.2	18.6	14.8
	1/5 (Exceedance)	14.6	11.0	2.1	24.9	26.3	35.8	35.2	21.3	18.6	21.5	14.4	10.0
	1/10 (Exceedance)	14.2	10.7	1.2	24.5	26.0	35.5	34.4	20.5	17.6	20.4	13.7	9.3
	1/20 (Exceedance)	13.9	10.4	0.6	24.0	25.7	35.2	33.6	19.7	16.6	19.4	13.5	9.0
Canal C19 Command Area 40 ha	1/2	20.7	16.0	5.1	35.2	36.9	49.8	50.1	30.8	27.3	31.5	22.0	16.2
	1/5	21.2	16.4	6.2	35.9	37.3	50.3	51.3	32.0	28.8	33.1	24.3	18.4
	1/10	21.4	16.6	6.7	36.1	37.5	50.5	51.8	32.5	29.4	33.8	25.4	19.6
	1/20	21.5	16.8	7.0	36.3	37.7	50.6	52.2	32.9	29.9	34.3	26.3	20.5
	1/5 (Exceedance)	20.1	15.3	3.3	34.2	36.2	49.1	48.2	28.9	25.3	29.2	19.5	13.7
	1/10 (Exceedance)	19.6	14.9	2.1	33.6	35.8	48.7	47.1	27.8	23.9	27.7	18.6	12.7
	1/20 (Exceedance)	19.2	14.4	1.2	32.9	35.3	48.2	45.9	26.7	22.6	26.4	18.3	12.3
Canal C20 Command Area 27 ha	1/2	14.0	10.8	3.2	23.9	24.9	33.8	34.0	21.0	18.7	21.5	15.0	11.0
	1/5	14.3	11.0	4.0	24.3	25.2	34.1	34.8	21.8	19.7	22.5	16.5	12.5
	1/10	14.4	11.2	4.3	24.5	25.4	34.2	35.2	22.2	20.1	23.0	17.3	13.2
	1/20	14.5	11.3	4.5	24.6	25.5	34.3	35.4	22.4	20.5	23.4	17.9	13.8
	1/5 (Exceedance)	13.6	10.3	2.0	23.2	24.5	33.3	32.8	19.8	17.3	20.0	13.3	9.3
	1/10 (Exceedance)	13.3	10.0	1.2	22.8	24.2	33.0	32.0	19.0	16.4	19.0	12.7	8.6
	1/20 (Exceedance)	12.9	9.7	0.6	22.3	23.9	32.7	31.2	18.3	15.5	18.0	12.5	8.4
Canal C21 Command Area 23 ha	1/2	11.9	9.2	2.8	20.3	21.2	28.7	28.9	17.8	15.8	18.2	12.7	9.3
	1/5	12.2	9.4	3.5	20.7	21.5	29.0	29.6	18.5	16.7	19.1	14.0	10.6
	1/10	12.3	9.5	3.7	20.8	21.6	29.1	29.9	18.8	17.0	19.5	14.7	11.3
	1/20	12.4	9.6	4.0	20.9	21.7	29.2	30.1	19.0	17.3	19.8	15.2	11.8
	1/5 (Exceedance)	11.5	8.8	1.8	19.7	20.8	28.3	27.8	16.7	14.6	16.9	11.3	7.9
	1/10 (Exceedance)	11.3	8.5	1.1	19.3	20.6	28.1	27.1	16.1	13.8	16.1	10.8	7.3
	1/20 (Exceedance)	11.0	8.3	0.6	19.0	20.3	27.8	26.5	15.5	13.1	15.3	10.6	7.1
Canal C22 Command Area 28 ha	1/2	14.5	11.1	3.3	24.8	25.9	35.0	35.3	21.8	19.4	22.3	15.6	11.4
	1/5	14.8	11.4	4.1	25.2	26.2	35.4	36.1	22.7	20.4	23.4	17.1	12.9
	1/10	15.0	11.6	4.4	25.4	26.3	35.5	36.5	23.0	20.9	23.9	17.9	13.7
	1/20	15.1	11.7	4.7	25.5	26.4	35.6	36.7	23.3	21.3	24.3	18.6	14.3
	1/5 (Exceedance)	14.1	10.7	2.0	24.1	25.4	34.6	34.0	20.5	17.9	20.7	13.9	9.6
	1/10 (Exceedance)	13.7	10.4	1.2	23.6	25.1	34.3	33.2	19.7	17.0	19.7	13.2	9.0
	1/20 (Exceedance)	13.4	10.0	0.6	23.2	24.8	33.9	32.4	19.0	16.0	18.7	13.0	8.7