

Table F.3.17 (1/49)

IRRIGATION WATER DEMAND AT SYSTEM A

(Improved Condition, Irrigation Area: 20,300 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	71.8	55.5	9.7	17.2	83.7	109.9	93.7	29.6	4.2	61.6	44.8	5.4	587.0
1950	70.0	42.7	10.2	24.3	90.4	109.9	93.9	27.1	1.8	49.3	26.2	5.4	561.1
1951	12.6	45.3	9.9	20.1	84.7	109.9	75.8	26.8	0.0	58.9	21.3	31.8	497.0
1952	12.6	52.3	10.6	21.4	98.9	109.9	79.0	29.6	2.6	61.6	30.8	10.5	519.7
1953	12.6	55.3	9.7	21.4	102.4	109.6	66.5	20.0	2.3	49.1	51.2	58.3	558.6
1954	39.4	55.8	8.8	19.9	102.4	109.1	92.9	24.8	3.5	48.9	65.8	5.4	576.8
1955	18.8	42.8	10.6	20.7	87.1	109.9	80.3	14.5	1.9	44.3	79.4	43.7	553.8
1956	65.3	46.3	10.6	24.6	102.3	89.6	91.3	29.1	1.9	35.4	15.1	12.9	524.3
1957	60.9	42.5	10.6	24.7	77.1	109.9	71.0	31.4	2.9	38.2	15.1	5.4	489.5
1958	64.9	50.6	9.9	21.6	98.9	109.9	93.3	13.8	4.0	49.1	37.2	20.4	573.4
1959	42.0	55.6	10.6	22.6	96.5	99.4	93.7	26.4	2.8	41.3	16.7	44.8	552.4
1960	24.6	6.7	10.6	23.6	92.0	109.9	48.8	14.1	3.2	60.5	15.1	60.4	470.1
1961	22.9	33.5	9.6	24.3	91.4	109.9	72.5	31.6	2.1	44.5	15.1	5.4	462.8
1962	21.3	53.0	10.0	23.1	93.0	109.9	93.7	30.6	4.1	46.1	37.6	32.3	554.7
1963	12.6	21.5	7.3	23.9	101.9	96.5	71.9	22.2	2.3	47.3	15.1	5.4	427.9
1964	63.3	46.6	9.4	24.4	98.1	109.9	51.8	18.0	3.6	49.5	62.2	58.1	594.9
1965	75.1	11.4	9.7	19.5	84.7	109.9	93.5	6.8	1.0	30.0	15.1	5.4	462.0
1966	57.3	55.2	2.9	22.3	102.1	109.7	93.4	13.5	0.8	29.8	15.1	5.4	507.4
1967	71.8	42.1	10.5	24.0	101.9	109.4	78.8	22.0	1.4	40.9	15.1	5.4	523.2
1968	59.5	55.7	5.4	23.6	102.3	106.5	93.9	31.0	1.8	51.4	21.3	6.5	558.8
1969	66.4	44.2	10.6	21.4	101.8	109.9	92.8	11.0	1.7	41.6	26.2	5.4	533.1
1970	49.5	20.3	9.5	21.6	79.6	104.1	93.7	26.9	3.9	47.5	15.1	5.4	477.3
1971	48.9	50.6	10.6	24.6	88.4	109.7	93.2	24.3	1.8	40.6	66.3	5.4	564.3
1972	81.1	55.6	10.6	24.5	43.2	106.3	62.7	31.4	2.2	29.8	27.7	5.4	480.4
1973	85.3	55.3	10.6	24.7	95.9	71.1	68.9	28.4	1.3	31.7	72.1	5.4	550.8
1974	85.6	48.8	10.6	22.4	90.6	109.6	88.5	28.9	0.0	66.1	76.2	29.2	656.6
1975	68.9	43.9	7.9	24.6	99.3	109.8	87.2	22.7	2.9	45.8	15.1	32.3	560.3
1976	84.5	55.6	10.6	19.2	93.4	109.9	80.3	21.8	3.0	54.1	53.2	5.4	591.0
1977	74.0	47.4	9.3	24.6	98.1	109.0	84.0	29.4	0.0	40.2	27.9	31.0	574.9
1978	52.0	54.9	10.0	22.1	83.7	109.9	73.8	31.6	1.9	29.8	15.1	5.4	490.1
1979	74.0	45.6	9.4	22.6	101.8	109.9	93.4	29.2	0.0	44.1	15.1	43.7	588.1
1980	85.6	55.8	10.6	20.8	93.0	109.6	93.9	31.2	3.8	52.7	66.5	43.9	667.2
1981	58.9	41.8	10.6	22.9	90.6	109.1	35.6	17.7	2.6	38.4	78.4	10.7	517.3
1982	85.6	55.8	9.4	21.9	65.6	109.5	93.9	31.6	3.6	66.2	15.1	5.4	563.6
1983	85.6	55.8	10.6	24.7	102.2	109.8	93.2	31.6	4.0	66.0	15.1	5.4	604.0
1984	12.6	6.7	7.8	17.8	102.0	109.9	85.3	28.3	2.7	56.4	15.1	48.7	493.2
1985	75.8	44.5	10.6	24.2	102.4	109.8	55.0	28.3	3.5	59.7	49.3	5.4	568.5
1986	85.2	37.7	5.7	24.7	102.0	109.9	93.9	28.9	2.7	41.2	23.4	24.5	579.7
MEAN	56.3	44.5	9.5	22.5	92.8	107.2	81.5	24.9	2.4	47.1	33.9	19.6	542.3

Table F.3.17 (2/49)

IRRIGATION WATER DEMAND AT MADURU OYA (B)

(Improved Condition, Irrigation Area: 36,500 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	95.7	108.8	25.9	36.1	154.7	219.6	183.5	97.4	11.0	29.7	104.4	22.7	1089.3
1950	120.5	128.0	16.0	40.3	144.1	219.6	191.7	86.2	11.5	34.1	135.0	86.7	1213.7
1951	33.9	108.1	22.4	34.8	154.8	219.6	177.9	95.0	6.7	36.7	78.9	55.1	1023.9
1952	33.9	101.6	24.4	34.9	134.4	219.6	178.7	99.9	8.3	31.4	130.9	69.1	1067.0
1953	84.1	114.9	22.6	31.1	155.6	206.8	131.8	96.1	7.2	27.6	113.3	22.7	1013.8
1954	57.3	111.8	13.0	35.8	155.6	219.6	163.5	89.8	12.0	30.5	131.5	22.7	1043.2
1955	70.5	109.1	25.5	35.1	148.8	219.6	191.7	75.1	5.7	32.1	157.4	98.5	1169.0
1956	123.9	123.5	22.8	36.1	155.5	181.3	190.8	92.0	11.9	29.5	93.4	41.9	1102.6
1957	129.4	43.6	26.6	37.8	126.2	219.4	179.1	98.8	11.6	31.5	78.9	22.7	1005.6
1958	96.1	114.2	20.4	37.2	144.6	219.6	191.7	69.6	11.1	30.0	118.7	22.7	1075.9
1959	68.0	137.4	26.4	36.5	153.2	218.1	191.7	97.4	7.7	23.4	85.4	53.3	1098.5
1960	65.4	30.3	21.8	26.9	116.5	219.6	144.1	98.5	10.8	34.9	107.4	105.8	981.8
1961	33.9	60.2	20.4	35.6	122.4	219.1	191.7	99.9	11.8	32.9	82.4	22.7	933.1
1962	90.0	122.8	22.7	36.6	140.2	219.6	191.3	98.0	7.4	31.9	124.9	70.9	1156.3
1963	33.9	61.1	20.6	31.0	150.4	219.4	180.7	99.6	7.2	31.1	78.9	22.7	936.6
1964	108.3	71.8	10.5	37.3	151.0	219.6	158.3	93.7	9.5	35.5	142.6	95.5	1133.6
1965	132.8	30.3	26.6	32.6	117.7	218.1	191.7	71.3	12.0	28.7	78.9	22.7	1059.8
1966	77.5	137.3	16.5	30.0	155.4	219.4	191.3	78.1	10.3	23.4	98.2	22.7	1102.0
1967	149.3	84.7	24.0	36.9	155.0	219.6	191.7	99.8	11.6	27.9	78.9	22.7	1102.0
1968	120.5	138.2	19.2	36.4	155.5	219.6	191.7	98.9	11.0	31.0	92.8	74.2	1189.1
1969	130.2	131.1	25.7	28.5	155.6	219.6	161.1	85.1	11.0	27.4	155.3	22.7	1153.3
1970	101.1	47.4	26.1	31.9	123.2	188.1	191.7	81.7	10.9	29.6	78.9	32.4	943.0
1971	102.8	110.5	16.5	33.3	152.9	219.6	140.5	46.2	11.9	30.5	132.6	22.7	1020.0
1972	160.4	138.2	26.6	34.6	124.9	219.6	190.8	99.8	1.7	23.4	78.9	22.7	1121.6
1973	167.1	105.3	24.5	39.6	136.6	200.4	67.3	94.1	1.7	31.2	78.9	22.7	969.6
1974	168.3	126.6	25.4	34.3	143.2	219.6	191.7	99.4	6.5	38.6	129.1	65.4	1248.2
1975	114.6	86.6	13.6	32.2	130.1	219.6	63.1	83.0	12.0	30.1	101.1	22.7	908.5
1976	81.9	137.4	26.5	38.4	155.6	209.4	190.4	86.8	8.3	33.8	78.9	22.7	1070.1
1977	112.1	128.3	17.6	32.2	127.9	219.2	133.8	85.8	6.4	27.8	78.9	22.7	992.6
1978	152.7	121.4	20.1	40.3	155.1	219.6	189.9	99.9	12.0	24.6	78.9	22.7	1137.4
1979	151.8	99.9	23.3	38.6	154.9	219.6	191.3	87.7	7.6	29.8	78.9	29.9	1113.4
1980	167.3	138.2	26.5	34.2	148.2	219.6	191.7	99.9	9.6	29.1	111.2	76.4	1251.9
1981	115.0	94.9	25.5	38.5	138.0	219.6	162.3	93.0	6.9	29.8	150.6	47.4	1121.7
1982	167.2	137.3	19.3	37.3	113.7	218.1	190.0	86.4	5.0	33.2	104.4	22.7	1134.4
1983	165.5	138.2	26.6	40.3	138.6	218.8	150.0	99.7	12.0	28.2	156.0	22.7	1196.6
1984	33.9	30.3	10.4	29.9	155.6	219.6	190.6	99.2	2.0	35.2	95.8	102.9	1005.2
1985	81.9	112.2	22.6	38.1	155.4	219.6	182.3	91.1	5.0	35.7	131.2	22.7	1097.7
1986	51.5	117.0	18.1	39.1	146.5	219.0	181.9	98.5	11.8	24.0	152.6	26.0	1086.0
MEAN	104.0	103.6	21.7	35.3	143.4	216.5	172.7	90.8	8.9	30.4	107.5	42.3	1077.1

Table F.3.17 (3/49)

IRRIGATION WATER DEMAND AT PIMBURATTEWA (B)
(Improved Condition, Irrigation Area: 1,800 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	4.7	5.4	1.3	1.8	7.6	10.8	9.0	4.8	0.5	1.5	5.1	1.1	53.7
1950	5.9	6.3	0.8	2.0	7.1	10.8	9.5	4.2	0.6	1.7	6.7	4.3	59.9
1951	1.7	5.3	1.1	1.7	7.6	10.8	8.8	4.7	0.3	1.8	3.9	2.7	50.5
1952	1.7	5.0	1.2	1.7	6.6	10.8	8.8	4.9	0.4	1.6	6.5	3.4	52.6
1953	4.1	5.7	1.1	1.5	7.7	10.2	6.5	4.7	0.4	1.4	5.6	1.1	50.0
1954	2.8	5.5	0.6	1.8	7.7	10.8	8.1	4.4	0.6	1.5	6.5	1.1	51.4
1955	3.5	5.4	1.3	1.7	7.3	10.8	9.5	3.7	0.3	1.6	7.8	4.9	57.6
1956	6.1	6.1	1.1	1.8	7.7	8.9	9.4	4.5	0.6	1.5	4.6	2.1	54.4
1957	6.4	2.1	1.3	1.9	6.2	10.8	8.8	4.9	0.6	1.6	3.9	1.1	49.6
1958	4.7	5.6	1.0	1.8	7.1	10.8	9.5	3.4	0.5	1.5	5.9	1.1	53.1
1959	3.4	6.8	1.3	1.8	7.6	10.8	9.5	4.8	0.4	1.2	4.2	2.6	54.2
1960	3.2	1.5	1.1	1.3	5.7	10.8	7.1	4.9	0.5	1.7	5.3	5.2	48.4
1961	1.7	3.0	1.0	1.8	6.0	10.8	9.5	4.9	0.6	1.6	4.1	1.1	46.0
1962	4.4	6.1	1.1	1.8	6.9	10.8	9.4	4.8	0.4	1.6	6.2	3.5	57.0
1963	1.7	3.0	1.0	1.5	7.4	10.8	8.9	4.9	0.4	1.5	3.9	1.1	46.2
1964	5.3	3.5	0.5	1.8	7.4	10.8	7.8	4.6	0.5	1.8	7.0	4.7	55.9
1965	6.5	1.5	1.3	1.6	5.8	10.8	9.5	3.5	0.6	1.4	3.9	1.1	47.5
1966	3.8	6.8	0.8	1.5	7.7	10.8	9.4	3.8	0.5	1.2	4.8	1.1	52.3
1967	7.4	4.2	1.2	1.8	7.6	10.8	9.5	4.9	0.6	1.4	3.9	1.1	54.3
1968	5.9	6.8	0.9	1.8	7.7	10.8	9.5	4.9	0.5	1.5	4.6	3.7	58.6
1969	6.4	6.5	1.3	1.4	7.7	10.8	7.9	4.2	0.5	1.4	7.7	1.1	56.9
1970	5.0	2.3	1.3	1.6	6.1	9.3	9.5	4.0	0.5	1.5	3.9	1.6	46.5
1971	5.1	5.4	0.8	1.6	7.5	10.8	6.9	2.3	0.6	1.5	6.5	1.1	50.3
1972	7.9	6.8	1.3	1.7	6.2	10.8	9.4	4.9	0.1	1.2	3.9	1.1	55.3
1973	8.2	5.2	1.2	2.0	6.7	9.9	3.3	4.6	0.1	1.5	3.9	1.1	47.8
1974	8.3	6.2	1.3	1.7	7.1	10.8	9.5	4.9	0.3	1.9	6.4	3.2	61.6
1975	5.7	4.3	0.7	1.6	6.4	10.8	3.1	4.1	0.6	1.5	5.0	1.1	44.8
1976	4.0	6.8	1.3	1.9	7.7	10.3	9.4	4.3	0.4	1.7	3.9	1.1	52.8
1977	5.5	6.3	0.9	1.6	6.3	10.8	6.6	4.2	0.3	1.4	3.9	1.1	49.0
1978	7.5	6.0	1.0	2.0	7.7	10.8	9.4	4.9	0.6	1.2	3.9	1.1	56.1
1979	7.5	4.9	1.2	1.9	7.6	10.8	9.4	4.3	0.4	1.5	3.9	1.5	54.9
1980	8.3	6.8	1.3	1.7	7.3	10.8	9.5	4.9	0.5	1.4	5.5	3.8	61.7
1981	5.7	4.7	1.3	1.9	6.8	10.8	8.0	4.6	0.3	1.5	7.4	2.3	55.3
1982	8.2	6.8	1.0	1.8	5.6	10.8	9.4	4.3	0.2	1.6	5.1	1.1	55.9
1983	8.2	6.8	1.3	2.0	6.8	10.8	7.4	4.9	0.6	1.4	7.7	1.1	59.0
1984	1.7	1.5	0.5	1.5	7.7	10.8	9.4	4.9	0.1	1.7	4.7	5.1	49.6
1985	4.0	5.5	1.1	1.9	7.7	10.8	9.0	4.5	0.2	1.8	6.5	1.1	54.1
1986	2.5	5.8	0.9	1.9	7.2	10.8	9.0	4.9	0.6	1.2	7.5	1.3	53.6
MEAN	5.1	5.1	1.1	1.7	7.1	10.7	8.5	4.5	0.4	1.5	5.3	2.1	53.1

Table F.3.17 (4/49)

IRRIGATION WATER DEMAND AT VAKANERI (B)
(Improved Condition, Irrigation Area: 3,700 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	9.7	11.0	2.6	3.7	15.7	22.3	18.6	9.9	1.1	3.0	10.6	2.3	110.4
1950	12.2	13.0	1.6	4.1	14.6	22.3	19.4	8.7	1.2	3.5	13.7	8.8	123.0
1951	3.4	11.0	2.3	3.5	15.7	22.3	18.0	9.6	0.7	3.7	8.0	5.6	103.8
1952	3.4	10.3	2.5	3.5	13.6	22.3	18.1	10.1	0.8	3.2	13.3	7.0	108.2
1953	8.5	11.6	2.3	3.2	15.8	21.0	13.4	9.7	0.7	2.8	11.5	2.3	102.8
1954	5.8	11.3	1.3	3.6	15.8	22.3	16.6	9.1	1.2	3.1	13.3	2.3	105.7
1955	7.2	11.1	2.6	3.6	15.1	22.3	19.4	7.6	0.6	3.3	16.0	10.0	118.5
1956	12.6	12.5	2.3	3.7	15.8	18.4	19.3	9.3	1.2	3.0	9.5	4.3	111.8
1957	13.1	4.4	2.7	3.8	12.8	22.2	18.2	10.0	1.2	3.2	8.0	2.3	101.9
1958	9.7	11.6	2.1	3.8	14.7	22.3	19.4	7.1	1.1	3.0	12.0	2.3	109.1
1959	6.9	13.9	2.7	3.7	15.5	22.1	19.4	9.9	0.8	2.4	8.7	5.4	111.4
1960	6.6	3.1	2.2	2.7	11.8	22.3	14.6	10.0	1.1	3.5	10.9	10.7	99.5
1961	3.4	6.1	2.1	3.6	12.4	22.2	19.4	10.1	1.2	3.3	8.4	2.3	94.6
1962	9.1	12.4	2.3	3.7	14.2	22.3	19.4	9.9	0.8	3.2	12.7	7.2	117.2
1963	3.4	6.2	2.1	3.1	15.2	22.2	18.3	10.1	0.7	3.2	8.0	9.7	94.9
1964	11.0	7.3	1.1	3.8	15.3	22.3	16.1	9.5	1.0	3.6	14.5	9.7	114.9
1965	13.5	3.1	2.7	3.3	11.9	22.1	19.4	7.2	1.2	2.9	8.0	2.3	97.6
1966	7.9	13.9	1.7	3.0	15.8	22.2	19.4	7.9	1.0	2.4	10.0	2.3	107.4
1967	15.1	8.6	2.4	3.7	15.7	22.3	19.4	10.1	1.2	2.8	8.0	2.3	111.7
1968	12.2	14.0	1.9	3.7	15.8	22.3	19.4	10.0	1.1	3.1	9.4	7.5	120.5
1969	13.2	13.3	2.6	2.9	15.8	22.3	16.3	8.6	1.1	2.8	15.7	2.3	116.9
1970	10.2	4.8	2.6	3.2	12.5	19.1	19.4	8.3	1.1	3.0	8.0	3.3	95.6
1971	10.4	11.2	1.7	3.4	15.5	22.3	14.2	4.7	1.2	3.1	13.4	2.3	103.4
1972	16.3	14.0	2.7	3.5	12.7	22.3	19.3	10.1	0.2	2.4	8.0	2.3	113.7
1973	16.9	10.7	2.5	4.0	13.9	20.3	6.8	9.5	0.2	3.2	8.0	2.3	98.3
1974	17.1	12.8	2.6	3.5	14.5	22.3	19.4	10.1	0.7	3.9	13.1	6.6	126.5
1975	11.6	8.8	1.4	3.3	13.2	22.3	6.4	8.4	1.2	3.0	10.3	2.3	92.1
1976	8.3	13.9	2.7	3.9	15.8	21.2	19.3	8.8	0.8	3.4	8.0	2.3	108.5
1977	11.4	13.0	1.8	3.3	13.0	22.2	13.6	8.7	0.6	2.8	8.0	2.3	100.6
1978	15.5	12.3	2.0	4.1	15.7	22.3	19.3	10.1	1.2	2.5	8.0	2.3	115.3
1979	15.4	10.1	2.4	3.9	15.7	22.3	19.4	8.9	0.8	3.0	8.0	3.0	112.9
1980	17.0	14.0	2.7	3.5	15.0	22.3	19.4	10.1	1.0	2.9	11.3	7.7	126.9
1981	11.7	9.6	2.6	3.9	14.0	22.3	16.5	9.4	0.7	3.0	15.3	4.8	113.7
1982	16.9	13.9	2.0	3.8	11.5	22.1	19.3	8.8	0.5	3.4	10.6	2.3	115.0
1983	16.8	14.0	2.7	4.1	14.0	22.2	15.2	10.1	1.2	2.9	15.8	2.3	121.3
1984	3.4	3.1	1.0	3.0	15.8	22.3	19.3	10.1	0.2	3.6	9.7	10.4	101.9
1985	8.3	11.4	2.3	3.9	15.8	22.3	18.5	9.2	0.5	3.6	13.3	2.3	111.3
1986	5.2	11.9	1.8	4.0	14.9	22.2	18.4	10.0	1.2	2.4	15.5	2.6	110.1
MEAN	10.5	10.5	2.2	3.6	14.5	21.9	17.5	9.2	0.9	3.1	10.9	4.3	109.2

Table F.3.17 (5/49) IRRIGATION WATER DEMAND AT ULHITIYA/RATIKINDA (C)
(Improved Condition, Irrigation Area: 2,2700 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	15.2	55.3	19.4	18.8	97.8	104.0	97.1	32.9	3.6	22.6	14.3	1.5	482.4
1950	28.6	57.9	15.9	23.0	82.5	104.0	102.7	47.0	3.7	29.5	47.5	16.2	558.7
1951	2.9	58.2	17.2	21.6	96.0	104.0	99.7	33.3	2.4	26.8	14.3	1.5	477.8
1952	2.9	62.7	18.9	14.7	73.7	104.0	87.7	47.6	1.4	30.3	23.0	17.8	484.6
1953	2.9	29.5	14.3	17.4	98.3	100.8	93.1	44.3	3.3	26.4	35.3	1.5	467.0
1954	3.4	4.2	11.5	19.0	91.3	104.0	102.6	45.1	4.5	19.1	35.6	1.5	441.7
1955	2.9	6.9	9.9	17.9	97.7	104.0	103.3	42.6	2.4	33.3	55.3	9.2	485.1
1956	16.4	64.2	15.2	19.9	98.3	86.7	103.3	47.6	4.5	27.0	14.3	1.5	498.8
1957	2.9	20.8	19.4	23.2	95.3	103.6	99.5	48.1	2.8	21.2	14.3	1.5	452.5
1958	2.9	48.8	9.8	17.1	93.1	103.6	102.7	44.6	3.6	34.1	17.7	1.5	479.5
1959	26.4	63.6	17.8	16.9	56.1	102.4	103.1	41.1	2.6	18.2	14.3	1.5	464.0
1960	2.9	4.2	19.4	15.0	70.8	104.0	68.2	47.3	4.2	24.1	14.3	34.4	408.8
1961	2.9	39.5	13.2	12.0	90.5	103.6	102.3	48.3	3.4	26.6	14.3	1.5	458.0
1962	2.9	44.0	11.5	15.5	64.9	103.7	102.5	11.3	3.6	28.4	32.9	2.3	423.6
1963	2.9	12.3	14.8	18.6	89.1	104.0	97.1	48.5	1.0	24.5	14.3	1.5	428.5
1964	2.9	4.2	12.5	21.8	85.1	103.7	78.2	36.7	3.8	31.1	52.5	1.5	433.9
1965	34.6	4.2	15.4	16.0	88.2	103.3	103.2	21.4	4.5	21.0	14.3	1.5	427.6
1966	3.0	60.8	7.5	21.4	92.9	103.2	103.1	39.4	2.3	20.1	15.1	3.7	472.5
1967	19.3	16.9	14.0	22.4	97.7	95.6	103.1	48.3	3.4	23.9	14.3	1.5	460.4
1968	16.6	76.6	5.7	21.1	97.8	103.6	102.5	48.6	4.0	25.3	49.2	2.1	553.2
1969	2.9	40.8	18.8	15.2	92.9	104.0	102.9	26.5	2.2	18.2	67.3	1.5	493.2
1970	3.1	4.2	15.3	19.2	83.8	103.7	103.1	47.5	3.2	35.1	30.1	7.6	455.8
1971	3.0	56.0	17.4	20.2	93.6	103.3	97.9	42.2	1.6	26.1	19.1	1.5	481.7
1972	35.5	74.1	16.9	21.1	81.2	102.9	98.1	25.6	0.0	18.2	14.3	1.5	489.4
1973	53.1	4.2	16.8	21.8	94.0	93.5	92.3	48.0	2.6	27.4	14.3	1.5	469.4
1974	82.6	51.6	18.7	17.9	78.5	103.6	97.9	47.0	3.6	34.3	75.5	1.5	612.8
1975	30.9	46.9	13.7	20.5	73.9	103.2	69.0	43.9	2.3	33.4	50.3	2.6	490.7
1976	7.7	70.3	17.7	20.1	93.8	94.3	93.3	40.6	3.9	32.8	25.3	22.6	522.4
1977	72.5	67.5	11.3	21.9	84.0	103.7	79.5	46.6	1.2	23.6	31.6	7.6	551.1
1978	54.2	64.4	17.0	20.6	92.9	104.0	101.8	48.3	4.2	24.6	51.6	1.5	585.1
1979	45.5	64.0	14.6	22.0	97.8	102.8	101.8	48.6	3.1	20.9	14.3	3.1	538.5
1980	74.3	76.7	17.9	14.1	92.9	104.0	103.3	47.8	4.4	23.7	19.5	56.1	634.8
1981	52.8	45.8	15.2	21.5	74.6	104.0	76.4	48.4	4.1	28.0	37.1	3.1	511.0
1982	81.8	76.7	15.8	16.6	80.1	103.3	95.2	46.9	3.5	27.1	26.9	1.5	575.3
1983	75.4	75.0	19.0	22.8	59.9	98.9	69.5	46.3	3.8	22.8	60.5	1.5	555.5
1984	2.9	4.2	7.5	18.7	88.5	100.5	89.3	43.4	1.5	32.7	42.5	35.7	467.3
1985	2.9	35.8	13.1	19.7	90.7	98.9	102.2	33.0	1.5	29.9	55.7	1.5	484.8
1986	2.9	48.2	8.5	22.1	69.0	96.4	93.3	45.7	3.9	19.0	72.0	10.8	491.7
MEAN	23.1	43.2	14.7	19.2	86.3	101.9	95.3	42.1	3.0	26.1	32.0	7.0	493.9

Table F.3.17 (6/49) IRRIGATION WATER DEMAND AT MAPAKADAWEWA (C)
(Improved Condition, Irrigation Area: 700 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.5	1.7	0.6	0.6	3.0	3.2	3.0	1.0	0.1	0.7	0.4	0.0	14.9
1950	0.9	1.8	0.5	0.7	2.5	3.2	3.2	1.4	0.1	0.9	1.5	0.5	17.2
1951	0.1	1.8	0.5	0.7	3.0	3.2	3.1	1.0	0.1	0.8	0.9	0.0	14.9
1952	0.1	1.9	0.6	0.5	2.3	3.2	2.7	1.5	0.0	0.9	0.7	0.5	14.9
1953	0.1	0.9	0.4	0.5	3.0	3.1	2.9	1.4	0.1	0.8	1.1	0.0	14.4
1954	0.1	0.1	0.4	0.6	2.8	3.2	3.2	1.4	0.1	0.6	1.1	0.0	13.6
1955	0.1	0.2	0.3	0.6	3.0	3.2	3.2	1.3	0.1	1.0	1.7	0.3	15.0
1956	0.5	2.0	0.5	0.6	3.0	2.7	3.2	1.5	0.1	0.8	0.4	0.0	15.4
1957	0.1	0.6	0.6	0.7	2.9	3.2	3.1	1.5	0.1	0.7	0.4	0.0	14.0
1958	0.1	1.5	0.3	0.5	2.9	3.2	3.2	1.4	0.1	1.1	0.5	0.0	14.8
1959	0.8	2.0	0.5	0.5	1.7	3.2	3.2	1.3	0.1	0.6	0.4	0.0	14.3
1960	0.1	0.1	0.6	0.5	2.2	3.2	2.1	1.5	0.1	0.7	0.4	1.1	12.6
1961	0.1	1.2	0.4	0.4	2.8	3.2	3.2	1.5	0.1	0.8	0.4	0.0	14.1
1962	0.1	1.4	0.4	0.5	2.0	3.2	3.2	0.3	0.1	0.9	1.0	0.1	13.1
1963	0.1	0.4	0.5	0.6	2.7	3.2	3.0	1.5	0.0	0.8	0.4	0.0	13.2
1964	0.1	0.1	0.4	0.7	2.6	3.2	2.4	1.1	0.1	1.0	1.6	0.0	13.4
1965	1.1	0.1	0.5	0.5	2.7	3.2	3.2	0.7	0.1	0.6	0.4	0.0	13.2
1966	0.1	1.9	0.2	0.7	2.9	3.2	3.2	1.2	0.1	0.6	0.5	0.1	14.6
1967	0.6	0.5	0.4	0.7	3.0	2.9	3.2	1.5	0.1	0.7	0.4	0.0	14.2
1968	0.5	2.4	0.2	0.7	3.0	3.2	3.2	1.5	0.1	0.8	1.5	0.1	17.1
1969	0.1	1.3	0.6	0.5	2.9	3.2	3.2	0.8	0.1	0.6	2.1	0.0	15.2
1970	0.1	0.1	0.5	0.6	2.6	3.2	3.2	1.5	0.1	1.1	0.9	0.2	14.1
1971	0.1	1.7	0.5	0.6	2.9	3.2	3.0	1.3	0.0	0.8	0.6	0.0	14.9
1972	1.1	2.3	0.5	0.7	2.5	3.2	3.0	0.8	0.0	0.6	0.4	0.0	15.1
1973	1.6	0.1	0.5	0.7	2.9	2.9	2.8	1.5	0.1	0.8	0.4	0.0	14.5
1974	2.5	1.6	0.6	0.6	2.4	3.2	3.0	1.4	0.1	1.1	2.3	0.0	18.9
1975	1.0	1.4	0.4	0.6	2.3	3.2	2.1	1.4	0.1	1.0	1.6	0.1	15.1
1976	0.2	2.2	0.5	0.6	2.9	2.9	2.9	1.3	0.1	1.0	0.8	0.7	16.1
1977	2.2	2.1	0.3	0.7	2.6	3.2	2.5	1.4	0.0	0.7	1.0	0.2	17.0
1978	1.7	2.0	0.5	0.6	2.9	3.2	3.1	1.5	0.1	0.8	1.6	0.0	18.0
1979	1.4	2.0	0.4	0.7	3.0	3.2	3.1	1.5	0.1	0.6	0.4	0.1	16.6
1980	2.3	2.4	0.6	0.4	2.9	3.2	3.2	1.5	0.1	0.7	0.6	1.7	19.6
1981	1.6	1.4	0.5	0.7	2.3	3.2	2.4	1.5	0.1	0.9	1.1	0.1	15.8
1982	2.5	2.4	0.5	0.5	2.5	3.2	2.9	1.4	0.1	0.8	0.8	0.0	17.7
1983	2.3	2.3	0.6	0.7	1.8	3.0	2.1	1.4	0.1	0.7	1.9	0.0	17.1
1984	0.1	0.1	0.2	0.6	2.7	3.1	2.8	1.3	0.0	1.0	1.3	1.1	14.4
1985	0.1	1.1	0.4	0.6	2.8	3.0	3.2	1.0	0.0	0.9	1.7	0.0	15.0
1986	0.1	1.5	0.3	0.7	2.1	3.0	2.9	1.4	0.1	0.6	2.2	0.3	15.2
MEAN	0.7	1.3	0.5	0.6	2.7	3.1	2.9	1.3	0.1	0.8	1.0	0.2	15.2

Table F.3.17 (7/49)

IRRIGATION WATER DEMAND AT DAMBARAWAWEWA (C)
(Improved Condition, Irrigation Area: 600 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.4	1.5	0.5	0.5	2.6	2.7	2.6	0.9	0.1	0.6	0.4	0.0	12.8
1950	0.8	1.5	0.4	0.6	2.2	2.7	2.7	1.2	0.1	0.8	1.3	0.4	14.8
1951	0.1	1.5	0.5	0.6	2.5	2.7	2.6	0.9	0.1	0.7	0.4	0.0	12.6
1952	0.1	1.7	0.5	0.4	1.9	2.7	2.3	1.3	0.0	0.8	0.6	0.5	12.8
1953	0.1	0.8	0.4	0.5	2.6	2.7	2.5	1.2	0.1	0.7	0.9	0.0	12.3
1954	0.1	0.1	0.3	0.5	2.4	2.7	2.7	1.2	0.1	0.5	0.9	0.0	11.7
1955	0.1	0.2	0.3	0.5	2.6	2.7	2.7	1.1	0.1	0.9	1.5	0.2	12.8
1956	0.4	1.7	0.4	0.5	2.6	2.3	2.7	1.3	0.1	0.7	0.4	0.0	13.2
1957	0.1	0.6	0.5	0.6	2.5	2.7	2.6	1.3	0.1	0.6	0.4	0.0	12.0
1958	0.1	1.3	0.3	0.5	2.5	2.7	2.7	1.2	0.1	0.9	0.5	0.0	12.7
1959	0.7	1.7	0.5	0.4	1.5	2.7	2.7	1.1	0.1	0.5	0.4	0.0	12.3
1960	0.1	0.1	0.5	0.4	1.9	2.7	1.8	1.2	0.1	0.6	0.4	0.9	10.8
1961	0.1	1.0	0.4	0.3	2.4	2.7	2.7	1.3	0.1	0.7	0.4	0.0	12.1
1962	0.1	1.2	0.3	0.4	1.7	2.7	2.7	0.3	0.1	0.8	0.9	0.1	11.2
1963	0.1	0.3	0.4	0.5	2.4	2.7	2.6	1.3	0.0	0.6	0.4	0.0	11.3
1964	0.1	0.1	0.3	0.6	2.3	2.7	2.1	1.0	0.1	0.8	1.4	0.0	11.5
1965	0.9	0.1	0.4	0.4	2.3	2.7	2.7	0.6	0.1	0.6	0.4	0.0	11.3
1966	0.1	1.6	0.2	0.6	2.5	2.7	2.7	1.0	0.1	0.5	0.4	0.1	12.5
1967	0.5	0.4	0.4	0.6	2.6	2.5	2.7	1.3	0.1	0.6	0.4	0.0	12.2
1968	0.4	2.0	0.2	0.6	2.6	2.7	2.7	1.3	0.1	0.7	1.3	0.1	14.6
1969	0.1	1.1	0.5	0.4	2.5	2.7	2.7	0.7	0.1	0.5	1.8	0.0	13.0
1970	0.1	0.1	0.4	0.5	2.2	2.7	2.7	1.3	0.1	0.9	0.8	0.2	12.0
1971	0.1	1.5	0.5	0.5	2.5	2.7	2.6	1.1	0.0	0.7	0.5	0.0	12.7
1972	0.9	2.0	0.4	0.6	2.1	2.7	2.6	0.7	0.0	0.5	0.4	0.0	12.9
1973	1.4	0.1	0.4	0.6	2.5	2.5	2.4	1.3	0.1	0.7	0.4	0.0	12.4
1974	2.2	1.4	0.5	0.5	2.1	2.7	2.6	1.2	0.1	0.9	2.0	0.0	16.2
1975	0.8	1.2	0.4	0.5	2.0	2.7	1.8	1.2	0.1	0.9	1.3	0.1	13.0
1976	0.2	1.9	0.5	0.5	2.5	2.5	2.5	1.1	0.1	0.9	0.7	0.6	13.8
1977	1.9	1.8	0.3	0.6	2.2	2.7	2.7	1.2	0.0	0.6	0.8	0.2	14.6
1978	1.4	1.7	0.4	0.5	2.5	2.7	2.7	1.3	0.1	0.6	1.4	0.0	15.5
1979	1.2	1.7	0.4	0.6	2.6	2.7	2.7	1.3	0.1	0.6	0.4	0.1	14.2
1980	2.0	2.0	0.5	0.4	2.5	2.7	2.7	1.3	0.1	0.6	0.5	1.5	16.8
1981	1.4	1.2	0.4	0.6	2.0	2.7	2.0	1.3	0.1	0.7	1.0	0.1	13.5
1982	2.2	2.0	0.4	0.4	2.1	2.7	2.5	1.2	0.1	0.7	0.7	0.0	15.2
1983	2.0	2.0	0.5	0.6	1.6	2.6	1.8	1.2	0.1	0.6	1.6	0.0	14.7
1984	0.1	0.1	0.2	0.5	2.3	2.7	2.4	1.1	0.0	0.9	1.1	0.9	12.4
1985	0.1	0.9	0.3	0.5	2.4	2.6	2.7	0.9	0.0	0.8	1.5	0.0	12.8
1986	0.1	1.3	0.2	0.6	1.8	2.5	2.5	1.2	0.1	0.5	1.9	0.3	13.0
MEAN	0.6	1.1	0.4	0.5	2.3	2.7	2.5	1.1	0.1	0.7	0.8	0.2	13.1

Table F.3.17 (8/49)

IRRIGATION WATER DEMAND AT SORABORAWEWA (C)
(Improved Condition, Irrigation Area: 500 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.3	1.2	0.4	0.4	2.2	2.3	2.1	0.7	0.1	0.5	0.3	0.0	10.6
1950	0.6	1.3	0.3	0.5	1.8	2.3	2.3	1.0	0.1	0.7	1.0	0.4	12.3
1951	0.1	1.3	0.4	0.5	2.1	2.3	2.2	0.7	0.1	0.6	0.3	0.0	10.5
1952	0.1	1.4	0.4	0.3	1.6	2.3	1.9	1.0	0.0	0.7	0.5	0.4	10.7
1953	0.1	0.6	0.3	0.4	2.2	2.2	2.0	1.0	0.1	0.6	0.8	0.0	10.3
1954	0.1	0.1	0.3	0.4	2.0	2.3	2.3	1.0	0.1	0.4	0.8	0.0	9.7
1955	0.1	0.2	0.2	0.4	2.2	2.3	2.3	0.9	0.1	0.7	1.2	0.2	10.7
1956	0.4	1.4	0.3	0.4	2.2	1.9	2.3	1.0	0.1	0.6	0.3	0.0	11.0
1957	0.1	0.5	0.4	0.5	2.1	2.3	2.2	1.1	0.1	0.5	0.3	0.0	10.0
1958	0.1	1.1	0.2	0.4	2.1	2.3	2.3	1.0	0.1	0.8	0.4	0.0	10.6
1959	0.6	1.4	0.4	0.4	1.2	2.3	2.3	0.9	0.1	0.4	0.3	0.0	10.2
1960	0.1	0.1	0.4	0.3	1.6	2.3	1.5	1.0	0.1	0.5	0.3	0.8	9.0
1961	0.1	0.9	0.3	0.3	2.0	2.3	2.3	1.1	0.1	0.6	0.3	0.0	10.1
1962	0.1	1.0	0.3	0.3	1.4	2.3	2.3	0.2	0.1	0.6	0.7	0.1	9.3
1963	0.1	0.3	0.3	0.4	2.0	2.3	2.1	1.1	0.0	0.5	0.3	0.0	9.4
1964	0.1	0.1	0.3	0.5	1.9	2.3	1.7	0.8	0.1	0.7	1.2	0.0	9.6
1965	0.8	0.1	0.3	0.4	1.9	2.3	2.3	0.5	0.1	0.5	0.3	0.0	9.4
1966	0.1	1.3	0.2	0.5	2.0	2.3	2.3	0.9	0.1	0.4	0.3	0.1	10.4
1967	0.4	0.4	0.3	0.5	2.2	2.1	2.3	1.1	0.1	0.5	0.3	0.0	10.1
1968	0.4	1.7	0.1	0.5	2.2	2.3	2.3	1.1	0.1	0.6	1.1	0.0	12.2
1969	0.1	0.9	0.4	0.3	2.0	2.3	2.3	0.6	0.0	0.4	1.5	0.0	10.9
1970	0.1	0.1	0.3	0.4	1.8	2.3	2.3	1.0	0.1	0.8	0.7	0.2	10.0
1971	0.1	1.2	0.4	0.4	2.1	2.3	2.2	0.9	0.0	0.6	0.4	0.0	10.6
1972	0.8	1.6	0.4	0.5	1.8	2.3	2.2	0.6	0.0	0.4	0.3	0.0	10.8
1973	1.2	0.1	0.4	0.5	2.1	2.1	2.0	1.1	0.1	0.6	0.3	0.0	10.3
1974	1.8	1.1	0.4	0.4	1.7	2.3	2.2	1.0	0.1	0.8	1.7	0.0	13.5
1975	0.7	1.0	0.3	0.5	1.6	2.3	1.5	1.0	0.0	0.7	1.1	0.1	10.8
1976	0.2	1.5	0.4	0.4	2.1	2.1	2.1	0.9	0.1	0.7	0.6	0.5	11.5
1977	1.6	1.5	0.2	0.5	1.9	2.3	1.8	1.0	0.0	0.5	0.7	0.2	12.1
1978	1.2	1.4	0.4	0.5	2.0	2.3	2.2	1.1	0.1	0.5	1.1	0.0	12.9
1979	1.0	1.4	0.3	0.5	2.2	2.3	2.2	1.1	0.1	0.5	0.3	0.1	11.9
1980	1.6	1.7	0.4	0.3	2.0	2.3	2.3	1.1	0.1	0.5	0.4	1.2	14.0
1981	1.2	1.0	0.3	0.5	1.6	2.3	1.7	1.1	0.1	0.6	0.8	0.1	11.3
1982	1.8	1.7	0.3	0.4	1.8	2.3	2.1	1.0	0.1	0.6	0.6	0.0	12.7
1983	1.7	1.7	0.4	0.5	1.3	2.2	1.5	1.0	0.1	0.5	1.3	0.0	12.2
1984	0.1	0.1	0.2	0.4	1.9	2.2	2.0	1.0	0.0	0.7	0.9	0.8	10.3
1985	0.1	0.8	0.3	0.4	2.0	2.2	2.3	0.7	0.0	0.7	1.2	0.0	10.7
1986	0.1	1.1	0.2	0.5	1.5	2.1	2.1	1.0	0.1	0.4	1.6	0.2	10.8
MEAN	0.5	1.0	0.3	0.4	1.9	2.2	2.1	0.9	0.1	0.6	0.7	0.2	10.9

Table F.3.17 (9/49)

IRRIGATION WATER DEMAND AT MINNERIYA (D1)
(Improved Condition, Irrigation Area: 8,900 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	11.1	25.9	8.9	7.8	36.3	36.6	25.7	10.1	1.8	8.1	11.5	0.3	183.9
1950	17.3	22.2	5.9	9.6	27.1	36.6	33.7	9.6	1.5	10.0	17.2	12.0	202.6
1951	0.0	21.0	9.9	7.8	25.1	36.4	33.6	12.3	1.1	10.1	4.4	10.5	172.2
1952	0.0	25.9	10.2	8.3	30.2	36.5	32.6	13.1	0.8	9.2	19.7	10.7	197.4
1953	6.3	26.7	10.3	6.1	36.4	36.5	12.8	10.7	1.3	6.4	17.5	0.3	171.4
1954	3.5	28.1	5.7	7.3	36.4	36.6	27.0	12.2	1.9	8.4	19.7	0.3	187.1
1955	4.1	19.2	9.4	7.1	33.9	36.6	33.8	9.8	1.1	10.4	20.3	11.1	196.8
1956	14.1	26.9	10.3	8.8	36.4	31.1	33.8	12.5	1.9	7.5	10.1	2.8	196.2
1957	19.7	6.8	10.3	9.2	28.4	36.5	28.8	12.1	1.5	8.3	4.4	0.3	166.2
1958	7.1	28.2	7.5	9.0	32.2	36.5	33.6	7.2	1.5	9.4	15.9	7.9	187.9
1959	12.9	29.1	10.3	8.2	28.3	33.0	33.8	12.8	1.5	6.7	5.1	2.7	184.5
1960	2.8	0.2	9.2	6.9	19.6	36.5	19.8	12.4	0.7	8.4	4.4	18.2	139.2
1961	0.0	10.4	6.2	8.1	32.8	36.3	33.7	13.1	1.6	7.3	8.5	0.3	158.3
1962	10.7	24.2	8.2	8.4	33.6	36.6	33.9	9.8	0.9	9.1	15.4	8.0	198.7
1963	0.0	12.4	5.4	8.1	36.1	36.6	27.2	12.7	0.8	9.4	4.4	0.3	153.4
1964	16.4	18.2	7.2	9.4	28.3	36.6	25.5	12.8	1.4	8.5	23.5	15.2	202.9
1965	21.2	13.9	10.3	6.8	19.7	36.6	33.6	8.6	1.9	5.6	4.4	0.3	162.8
1966	13.1	29.0	6.3	7.9	36.4	36.5	33.8	11.4	0.6	5.6	4.4	7.5	192.5
1967	27.3	22.4	8.3	8.9	34.3	36.4	33.8	12.9	1.3	5.8	4.4	0.3	196.2
1968	15.6	29.1	6.8	9.0	36.2	36.6	33.9	10.1	0.8	8.4	14.7	7.7	208.0
1969	22.0	25.2	10.3	7.6	36.1	36.6	25.5	11.1	0.6	6.1	10.5	0.3	192.0
1970	18.3	9.6	9.4	7.2	30.9	34.2	33.8	8.8	1.5	10.6	10.2	0.5	174.9
1971	8.2	22.3	9.6	6.6	27.8	36.3	32.1	11.2	1.7	10.0	22.3	0.3	188.4
1972	23.1	29.1	10.3	8.1	26.3	36.6	33.9	13.1	0.0	6.4	4.4	0.9	192.2
1973	28.3	25.7	9.5	9.3	33.5	30.5	13.4	12.8	1.1	9.1	25.6	0.3	199.2
1974	28.3	25.8	10.3	8.4	23.9	36.6	33.9	13.1	1.2	11.3	23.7	0.3	216.8
1975	16.3	25.8	9.0	7.4	26.6	36.6	14.7	10.7	0.9	10.8	13.8	10.7	183.4
1976	27.4	29.0	10.3	7.6	36.1	36.6	32.1	11.6	1.7	10.1	7.5	0.3	210.3
1977	22.1	27.8	9.3	9.6	35.3	36.6	30.8	12.0	0.2	5.6	4.4	0.3	194.0
1978	23.3	29.0	8.4	9.2	35.7	36.6	27.3	13.1	1.9	5.6	4.4	0.3	194.8
1979	28.1	24.5	9.1	9.1	33.3	36.6	33.9	7.8	1.4	7.7	4.4	8.0	203.9
1980	28.3	29.1	10.3	7.1	33.8	36.5	33.9	13.1	1.4	8.1	10.7	1.5	213.7
1981	16.3	16.8	9.9	8.5	29.9	36.6	12.1	9.3	1.3	7.3	28.1	1.2	177.2
1982	28.3	29.1	9.0	8.5	20.7	36.3	33.9	13.1	1.5	5.7	4.4	0.3	190.7
1983	27.8	29.1	10.3	9.6	33.1	36.5	30.3	13.1	1.8	6.3	17.4	0.3	215.7
1984	0.0	0.2	7.9	8.0	36.4	36.6	27.9	11.9	0.3	10.0	17.4	18.7	175.2
1985	3.7	24.2	8.8	9.3	35.3	36.5	26.4	13.0	0.9	11.3	19.4	0.3	189.1
1986	15.8	27.3	5.5	9.2	33.5	35.9	32.8	11.4	1.8	6.2	25.7	6.9	212.1
MEAN	15.0	22.2	8.8	8.2	31.5	36.1	29.3	11.5	1.2	8.2	12.7	4.4	189.0

Table F.3.17 (10/49)

IRRIGATION WATER DEMAND AT GIRITALE (D1)
(Improved Condition, Irrigation Area: 3,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	3.7	8.7	3.0	2.6	12.2	12.3	8.7	3.4	0.6	2.7	3.9	0.1	62.0
1950	5.8	7.5	2.0	3.2	9.1	12.3	11.4	3.2	0.5	3.4	5.8	4.1	68.3
1951	0.0	7.1	3.3	2.6	8.4	12.3	11.3	4.2	0.4	3.4	1.5	3.5	58.1
1952	0.0	8.7	3.4	2.8	10.2	12.3	11.0	4.4	0.3	3.1	6.7	3.6	66.5
1953	2.1	9.0	3.5	2.1	12.3	12.3	4.3	3.6	0.4	2.2	5.9	0.1	57.8
1954	1.2	9.5	1.9	2.5	12.3	12.3	9.1	4.1	0.6	2.8	6.7	0.1	63.1
1955	1.4	6.5	3.2	2.4	11.4	12.3	11.4	3.3	0.4	3.5	6.8	3.7	66.4
1956	4.8	9.1	3.5	3.0	12.3	10.5	11.4	4.2	0.6	2.5	3.4	0.9	66.1
1957	6.6	2.3	3.5	3.1	9.6	12.3	9.7	4.1	0.5	2.8	1.5	0.1	56.0
1958	2.4	6.8	2.5	3.0	10.9	12.3	11.3	2.4	0.5	3.2	5.3	2.7	63.3
1959	4.4	9.8	3.5	2.8	9.5	11.1	11.4	4.3	0.5	2.3	1.7	0.9	62.2
1960	0.9	0.1	3.1	2.3	6.6	12.3	6.7	4.2	0.2	2.8	1.5	6.1	46.9
1961	0.0	3.5	2.1	2.7	11.1	12.2	11.3	4.4	0.6	2.5	2.9	0.1	53.4
1962	3.6	8.1	2.8	2.8	11.3	12.3	11.4	3.3	0.3	3.1	5.2	2.7	67.0
1963	0.0	4.2	1.8	2.7	12.2	12.3	9.2	4.3	0.3	3.2	1.5	0.1	51.7
1964	5.5	6.1	2.4	3.2	9.5	12.3	8.6	4.3	0.5	2.9	7.9	5.1	68.4
1965	7.2	4.7	3.5	2.3	6.7	12.3	11.3	2.9	0.6	1.9	1.5	0.1	54.9
1966	4.4	9.8	2.1	2.7	12.3	12.3	11.4	3.8	0.2	1.9	1.5	2.5	64.9
1967	9.2	7.5	2.8	3.0	11.6	12.3	11.4	4.4	0.4	2.0	1.5	0.1	66.1
1968	5.3	9.8	2.3	3.0	12.2	12.3	11.4	3.4	0.3	2.8	4.9	2.6	70.4
1969	7.4	8.5	3.5	2.6	12.2	12.3	8.6	3.8	0.2	2.0	3.6	0.1	64.7
1970	6.2	3.2	3.2	2.4	10.4	11.5	11.4	3.0	0.5	3.6	3.4	0.2	59.0
1971	2.8	7.5	3.2	2.2	9.4	12.2	10.8	3.8	0.6	3.4	7.5	0.1	63.5
1972	7.8	9.8	3.5	2.7	8.9	12.3	11.4	4.4	0.0	2.1	1.5	0.3	64.8
1973	9.5	8.7	3.2	3.1	11.3	10.3	4.5	4.3	0.4	3.1	8.6	0.1	67.2
1974	9.5	8.7	3.5	2.8	8.1	12.3	11.4	4.4	0.4	3.8	8.0	0.1	73.1
1975	5.5	8.7	3.0	2.5	9.0	12.3	5.0	3.6	0.3	3.6	4.6	3.6	61.8
1976	9.2	9.8	3.5	2.6	12.2	12.3	10.8	3.9	0.6	3.4	2.5	0.1	70.9
1977	7.5	9.4	3.1	3.2	11.9	12.3	10.4	4.1	0.1	1.9	1.5	0.1	65.4
1978	7.9	9.8	2.8	3.1	12.0	12.3	9.2	4.4	0.6	1.9	1.5	0.1	65.7
1979	9.5	8.2	3.1	3.1	11.2	12.3	11.4	2.6	0.5	2.6	1.5	2.7	68.7
1980	9.5	9.8	3.5	2.4	11.4	12.3	11.4	4.4	0.5	2.7	3.6	0.5	72.0
1981	5.5	5.7	3.3	2.8	10.1	12.3	4.1	3.1	0.4	2.5	9.5	0.4	59.7
1982	9.5	9.8	3.0	2.9	7.0	12.2	11.4	4.4	0.5	1.9	1.5	0.1	64.3
1983	9.4	9.8	3.5	3.2	11.2	12.3	10.2	4.4	0.6	2.1	5.9	0.1	72.7
1984	0.0	0.1	2.7	2.7	12.3	12.3	9.4	4.0	0.1	3.4	5.9	6.3	59.1
1985	1.2	8.1	3.0	3.1	11.9	12.3	8.9	4.4	0.3	3.8	6.5	0.1	63.7
1986	5.3	9.2	1.8	3.1	11.3	12.1	11.1	3.8	0.6	2.1	8.7	2.3	71.5
MEAN	5.0	7.5	3.0	2.8	10.6	12.2	9.9	3.9	0.4	2.8	4.3	1.5	63.7

Table F.3.17 (11/49) IRRIGATION WATER DEMAND AT KAUDULLA (D1)
(Improved Condition, Irrigation Area: 14,500 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	18.1	42.3	14.4	12.7	59.1	59.6	41.9	16.4	2.9	13.1	18.7	0.5	299.6
1950	28.1	36.1	9.7	15.6	44.1	59.6	54.9	15.6	2.5	16.3	28.0	19.6	330.1
1951	0.0	34.2	16.1	12.7	40.8	59.3	54.8	20.1	1.9	16.4	7.2	17.1	280.6
1952	0.0	42.3	16.7	13.5	49.2	59.5	53.1	21.4	1.3	15.0	32.2	17.5	321.5
1953	10.3	43.5	16.8	10.0	59.2	59.5	20.9	17.5	2.2	10.4	28.5	0.5	279.3
1954	5.7	45.8	9.3	11.8	59.3	59.6	43.9	19.9	3.1	13.7	32.2	0.5	304.8
1955	6.6	31.3	15.3	11.6	55.2	59.6	55.1	16.0	1.7	17.0	33.1	18.1	320.7
1956	23.0	43.9	16.8	14.3	59.3	50.6	55.1	20.3	3.1	12.3	16.5	4.5	319.7
1957	32.1	11.1	16.8	14.9	46.2	59.4	47.0	19.7	2.4	13.5	7.2	0.5	270.8
1958	11.5	32.9	12.3	14.6	52.5	59.5	54.7	11.7	2.4	15.3	25.8	12.8	306.2
1959	21.0	47.4	16.8	13.4	46.1	53.7	55.0	20.9	2.4	11.0	8.4	4.4	300.6
1960	4.5	0.4	15.0	11.2	31.9	59.5	32.3	20.3	1.2	13.8	7.2	29.6	226.8
1961	0.0	16.9	10.1	13.2	53.5	59.2	54.9	21.3	2.7	11.9	13.8	0.5	257.9
1962	17.4	39.4	13.4	13.7	54.8	59.6	55.2	15.9	1.4	14.9	25.1	13.0	323.7
1963	0.0	20.3	8.7	13.3	58.8	59.6	44.3	20.7	1.3	15.4	7.2	0.5	249.9
1964	26.6	29.7	11.7	15.4	46.1	59.6	41.5	20.8	2.3	13.9	38.3	24.7	330.6
1965	34.6	22.6	16.8	11.0	32.2	59.6	54.7	14.1	3.1	9.1	7.2	0.5	265.3
1966	21.4	47.3	10.2	12.9	59.2	59.5	55.0	18.6	1.1	9.1	7.2	12.2	313.6
1967	44.5	36.5	13.5	14.5	55.9	59.4	55.1	21.0	2.1	9.5	7.2	0.5	319.7
1968	25.5	47.5	11.0	14.7	58.9	59.6	55.2	16.5	1.3	13.6	23.9	12.5	340.2
1969	35.9	41.1	16.8	12.4	58.8	59.6	41.5	18.1	1.0	9.9	17.2	0.5	312.8
1970	29.8	15.7	15.3	11.7	50.3	55.6	55.1	14.4	2.4	17.3	16.7	0.8	285.0
1971	13.4	36.3	15.7	10.8	45.2	59.1	52.3	18.2	2.8	16.4	36.3	0.5	307.0
1972	37.7	47.5	16.8	13.2	42.9	59.6	55.2	21.4	0.0	10.3	7.2	1.5	313.1
1973	46.2	41.9	15.4	15.2	54.5	49.8	21.8	20.9	1.9	14.9	41.7	0.5	324.6
1974	46.2	42.1	16.8	13.7	38.9	59.6	55.2	21.3	2.0	18.4	38.7	0.5	353.2
1975	26.5	42.1	14.7	12.0	43.4	59.6	24.0	17.5	1.4	17.6	22.5	17.5	298.7
1976	44.7	47.3	16.8	12.3	58.8	59.6	52.3	19.0	2.7	16.4	12.3	0.5	342.6
1977	36.1	45.3	15.1	15.6	57.5	59.6	50.2	19.6	0.3	9.2	7.2	0.5	316.1
1978	38.0	47.3	13.7	15.0	58.2	59.6	44.4	21.4	3.1	9.1	7.2	0.5	317.4
1979	45.9	39.8	14.9	14.9	54.2	59.6	55.2	12.8	2.2	12.6	7.2	13.0	332.2
1980	46.2	47.5	16.8	11.5	55.1	59.5	55.2	21.4	2.3	13.2	17.4	2.4	348.2
1981	26.5	27.3	16.1	13.8	48.7	59.6	19.7	15.2	2.0	11.9	45.8	2.0	288.7
1982	46.2	47.5	14.6	13.8	33.7	59.2	55.2	21.4	2.4	9.2	7.2	0.5	310.7
1983	45.3	47.5	16.8	15.6	53.9	59.5	49.4	21.4	2.9	10.3	28.3	0.5	351.3
1984	0.0	0.4	12.8	13.0	59.3	59.6	45.4	19.4	0.5	16.3	28.4	30.4	285.5
1985	6.0	39.4	14.3	15.2	57.5	59.5	43.0	21.2	1.4	18.4	31.6	0.5	308.0
1986	25.8	44.5	8.9	15.0	54.6	58.4	53.4	18.6	3.0	10.1	42.0	11.3	345.6
MEAN	24.4	36.1	14.3	13.4	51.3	58.7	47.7	18.7	2.0	13.3	20.8	7.2	308.0

Table F.3.17 (12/49) IRRIGATION WATER DEMAND AT KANTALAI (D1)
(Improved Condition, Irrigation Area: 13,500 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	7.5	35.7	27.1	9.2	40.1	52.1	34.0	37.3	32.6	6.3	6.8	0.1	288.8
1950	18.7	28.6	13.7	24.0	21.6	52.1	51.6	35.1	28.3	20.6	10.5	8.5	313.3
1951	0.0	26.4	32.0	9.1	18.0	51.2	51.3	47.3	21.7	21.1	2.2	6.5	286.7
1952	0.0	35.7	33.7	12.9	27.1	52.0	47.7	52.5	15.5	15.3	14.1	6.6	313.0
1953	3.7	37.3	35.3	0.2	40.9	51.8	10.9	40.2	25.0	3.4	10.7	0.1	259.5
1954	1.8	39.9	12.7	4.8	41.0	52.1	36.5	47.0	35.1	8.9	14.1	0.1	294.0
1955	2.2	23.0	29.8	3.8	33.8	52.1	52.4	36.2	20.5	23.7	15.2	6.8	299.6
1956	13.0	37.6	34.9	17.0	41.0	39.6	52.4	48.1	34.9	4.2	5.9	1.3	330.0
1957	23.1	4.2	37.5	19.9	23.9	51.5	40.2	46.4	28.0	8.0	2.2	0.1	284.9
1958	4.2	24.9	20.9	18.5	30.8	52.0	50.9	24.4	27.9	16.7	9.6	4.7	285.4
1959	10.8	43.6	36.4	12.5	23.7	43.0	52.1	50.5	27.9	3.7	2.6	1.3	308.1
1960	1.3	0.3	28.8	1.9	9.2	51.6	22.6	47.9	14.4	9.3	2.2	19.4	208.9
1961	0.0	6.6	14.9	11.3	31.9	50.6	51.5	52.3	30.6	4.0	4.8	0.1	258.6
1962	6.8	32.4	24.2	13.8	33.3	52.1	52.6	36.0	16.8	14.6	9.3	4.8	296.7
1963	0.0	10.4	11.0	11.7	38.9	52.1	36.9	49.3	15.3	16.9	2.2	0.1	244.7
1964	17.0	21.2	19.3	22.1	23.7	52.1	33.6	50.0	26.9	9.8	21.5	14.0	311.4
1965	25.9	13.1	35.2	0.8	9.3	52.1	51.1	30.9	35.1	2.9	2.2	0.1	258.5
1966	11.2	41.7	15.2	9.7	40.9	52.0	52.0	43.2	13.1	2.9	2.2	4.5	288.4
1967	37.2	29.0	24.5	18.0	34.6	51.3	52.3	50.9	24.5	3.1	2.2	0.1	327.6
1968	15.7	45.2	17.3	18.7	39.4	52.1	52.6	37.4	16.2	8.6	8.8	4.6	316.8
1969	27.4	34.4	37.0	7.3	38.9	52.1	33.6	42.1	12.6	3.2	6.1	0.1	294.8
1970	20.5	6.1	29.6	4.0	28.3	45.1	52.4	31.8	28.1	24.8	5.9	0.1	276.9
1971	5.0	28.8	30.8	0.2	22.8	50.3	46.7	42.3	31.5	21.0	19.2	0.1	298.5
1972	29.4	44.9	35.1	11.3	20.2	52.1	52.6	52.5	0.0	3.4	2.2	0.3	304.0
1973	42.2	35.4	30.1	21.4	33.0	38.6	11.4	50.5	21.7	14.5	25.7	0.1	324.5
1974	42.2	35.6	36.0	13.8	15.8	52.1	52.6	52.0	22.9	31.9	22.0	0.1	377.1
1975	16.8	35.6	27.9	5.7	20.8	52.1	12.8	40.2	17.0	26.2	8.3	6.6	270.0
1976	37.4	42.1	36.7	7.2	38.9	52.1	46.7	44.3	30.9	21.1	4.2	0.1	361.7
1977	27.6	39.4	29.2	24.9	36.4	52.1	44.1	46.0	4.9	3.0	2.2	0.1	309.8
1978	29.8	42.2	24.9	20.2	37.2	52.1	37.1	52.5	35.1	2.9	2.2	0.1	336.3
1979	39.0	32.9	28.5	19.8	32.7	52.1	52.6	27.4	25.9	4.3	2.2	4.8	322.2
1980	42.2	45.2	36.2	3.1	33.6	51.6	52.6	52.5	26.6	6.4	6.2	0.6	356.9
1981	16.8	18.5	32.0	14.2	26.6	52.1	10.4	34.0	23.8	4.0	30.7	0.5	263.7
1982	42.2	45.2	27.6	14.3	9.6	50.6	52.6	52.5	27.7	3.0	2.2	0.1	327.5
1983	38.2	45.2	27.5	26.3	32.4	51.8	43.1	52.5	32.6	3.4	10.6	0.1	373.6
1984	0.0	0.3	32.5	10.2	41.2	52.1	38.2	45.4	7.6	20.6	10.6	20.3	269.2
1985	2.0	32.4	26.8	21.3	36.4	52.0	35.3	51.8	17.0	29.7	13.5	0.1	318.2
1986	16.1	38.4	11.4	20.3	33.2	48.3	48.1	43.2	33.4	3.3	26.0	4.1	325.8
MEAN	17.8	30.0	27.5	12.8	30.0	50.7	42.3	44.1	23.4	11.3	9.2	3.2	302.2

Table F.3.17 (13/49) IRRIGATION WATER DEMAND AT VENDORASAN (D1)
(Improved Condition, Irrigation Area: 600 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.7	1.7	0.6	0.5	2.4	2.5	1.7	0.7	0.1	0.5	0.8	0.0	12.4
1950	1.2	1.5	0.4	0.6	1.8	2.5	2.3	0.6	0.1	0.7	1.2	0.8	13.7
1951	0.0	1.4	0.7	0.5	1.7	2.5	2.3	0.8	0.1	0.7	0.3	0.7	11.6
1952	0.0	1.7	0.7	0.6	2.0	2.5	2.2	0.9	0.1	0.6	1.3	0.7	13.3
1953	0.4	1.8	0.7	0.4	2.5	2.5	0.9	0.7	0.1	0.4	1.2	0.0	11.6
1954	0.2	1.9	0.4	0.5	2.5	2.5	1.8	0.8	0.1	0.6	1.3	0.0	12.6
1955	0.3	1.3	0.6	0.5	2.3	2.5	2.3	0.7	0.1	0.7	1.4	0.7	13.3
1956	1.0	1.8	0.7	0.6	2.5	2.1	2.3	0.8	0.1	0.5	0.7	0.2	13.2
1957	1.3	0.5	0.7	0.6	1.9	2.5	1.9	0.8	0.1	0.6	0.3	0.0	11.2
1958	0.5	1.4	0.5	0.6	2.2	2.5	2.3	0.5	0.1	0.6	1.1	0.5	12.7
1959	0.9	2.0	0.7	0.6	1.9	2.2	2.3	0.9	0.1	0.5	0.3	0.2	12.4
1960	0.2	0.0	0.6	0.5	1.3	2.5	1.3	0.8	0.0	0.6	0.3	1.2	9.4
1961	0.0	0.7	0.4	0.5	2.2	2.4	2.3	0.9	0.1	0.5	0.6	0.0	10.7
1962	0.7	1.6	0.6	0.6	2.3	2.5	2.3	0.7	0.1	0.6	1.0	0.5	13.4
1963	0.0	0.8	0.4	0.5	2.4	2.5	1.8	0.9	0.1	0.6	0.3	0.0	10.3
1964	1.1	1.2	0.5	0.6	1.9	2.5	1.7	0.9	0.1	0.6	1.6	1.0	13.7
1965	1.4	0.9	0.7	0.5	1.3	2.5	2.3	0.6	0.1	0.4	0.3	0.0	11.0
1966	0.9	2.0	0.4	0.5	2.5	2.5	2.3	0.8	0.0	0.4	0.3	0.5	15.0
1967	1.8	1.5	0.6	0.6	2.3	2.5	2.3	0.9	0.1	0.4	0.3	0.0	13.2
1968	1.1	2.0	0.5	0.6	2.4	2.5	2.3	0.7	0.1	0.6	1.0	0.5	14.1
1969	1.5	1.7	0.7	0.5	2.4	2.5	1.7	0.8	0.0	0.4	0.7	0.0	12.9
1970	1.2	0.6	0.6	0.5	2.1	2.3	2.3	0.6	0.1	0.7	0.7	0.0	11.8
1971	0.6	1.5	0.6	0.4	1.9	2.4	2.2	0.8	0.1	0.7	1.5	0.0	12.7
1972	1.6	2.0	0.7	0.5	1.8	2.5	2.3	0.9	0.0	0.4	0.3	0.1	13.0
1973	1.9	1.7	0.6	0.6	2.3	2.1	0.9	0.9	0.1	0.6	1.7	0.0	13.4
1974	1.9	1.7	0.7	0.6	1.6	2.5	2.3	0.9	0.1	0.8	1.6	0.0	14.6
1975	1.1	1.7	0.6	0.5	1.8	2.5	1.0	0.7	0.1	0.7	0.9	0.7	12.4
1976	1.8	2.0	0.7	0.5	2.4	2.5	2.2	0.8	0.1	0.7	0.5	0.0	14.2
1977	1.5	1.9	0.6	0.6	2.4	2.5	2.1	0.8	0.0	0.4	0.3	0.0	13.1
1978	1.6	2.0	0.6	0.6	2.4	2.5	1.8	0.9	0.1	0.4	0.3	0.0	13.1
1979	1.9	1.6	0.6	0.6	2.2	2.5	2.3	0.5	0.1	0.5	0.3	0.5	13.7
1980	1.9	2.0	0.7	0.5	2.3	2.5	2.3	0.9	0.1	0.5	0.7	0.1	14.4
1981	1.1	1.1	0.7	0.6	2.0	2.5	0.8	0.6	0.1	0.5	1.9	0.1	11.9
1982	1.9	2.0	0.6	0.6	1.4	2.4	2.3	0.9	0.1	0.4	0.3	0.0	12.9
1983	1.9	2.0	0.7	0.6	2.2	2.5	2.0	0.9	0.1	0.4	1.2	0.0	14.5
1984	0.0	0.0	0.5	0.5	2.5	2.5	1.9	0.8	0.0	0.7	1.2	1.3	11.8
1985	0.2	1.6	0.6	0.6	2.4	2.5	1.8	0.9	0.1	0.8	1.3	0.0	12.7
1986	1.1	1.8	0.4	0.6	2.3	2.4	2.2	0.8	0.1	0.4	1.7	0.5	14.3
MEAN	1.0	1.5	0.6	0.6	2.1	2.4	2.0	0.8	0.1	0.6	0.9	0.3	12.7

Table F.3.17 (14/49) IRRIGATION WATER DEMAND AT PARAKRAMA SAMUDRA (D2)
(Improved Condition, Irrigation Area: 10,100 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	12.9	22.7	8.1	8.6	39.6	41.0	38.3	18.6	1.7	11.6	12.2	0.0	215.3
1950	19.6	28.7	4.5	10.0	35.8	41.0	40.9	15.5	1.9	14.2	23.2	10.4	245.5
1951	0.0	22.4	6.9	8.1	39.7	41.0	36.6	18.0	0.7	15.6	3.3	0.7	193.0
1952	0.0	20.4	7.6	8.1	32.4	41.0	36.8	19.5	1.1	12.6	21.7	5.0	206.2
1953	9.4	24.6	6.9	6.8	40.0	37.1	23.0	18.3	0.9	10.4	15.4	0.0	192.8
1954	1.2	23.6	3.4	8.5	40.0	41.0	32.4	16.5	2.0	12.1	21.9	0.0	202.6
1955	5.3	22.8	8.0	8.2	37.5	41.0	40.9	12.5	0.5	13.0	30.6	14.0	234.2
1956	20.5	27.3	7.0	8.6	40.0	29.9	40.5	17.1	2.0	11.5	8.2	0.1	212.7
1957	22.0	0.6	8.2	9.1	29.4	40.9	37.0	19.1	1.9	12.6	3.3	0.0	184.1
1958	13.0	24.4	6.2	9.0	36.0	41.0	40.9	11.0	1.7	11.8	17.3	0.0	212.2
1959	4.5	31.4	8.2	8.7	39.1	40.4	40.9	18.6	1.0	8.0	5.3	0.7	206.7
1960	3.7	0.0	6.6	5.4	26.0	41.0	26.6	18.9	1.7	14.6	13.2	16.0	173.7
1961	0.0	6.3	6.2	8.4	28.1	40.8	40.9	19.5	1.9	13.5	4.3	0.0	169.8
1962	11.2	27.0	7.0	8.7	34.4	41.0	40.7	18.8	0.9	12.9	19.6	5.5	227.8
1963	0.0	6.6	6.2	6.8	38.1	40.9	37.4	19.4	0.9	12.4	3.3	0.0	172.0
1964	16.3	10.5	2.3	9.0	38.3	41.0	30.8	17.6	1.4	14.9	25.9	13.1	221.0
1965	22.9	0.0	8.2	7.4	26.4	40.4	40.9	11.4	2.0	11.0	3.3	0.0	173.8
1966	7.4	31.4	4.7	6.4	39.9	40.9	40.7	13.3	1.6	8.0	9.9	0.0	204.3
1967	27.3	14.8	7.4	8.9	39.7	41.0	40.9	19.5	1.9	10.6	3.3	0.0	215.2
1968	19.6	31.4	5.7	8.7	40.0	41.0	40.9	19.1	1.7	12.3	8.0	6.5	235.0
1969	22.2	29.6	8.1	5.9	40.0	41.0	31.6	15.2	1.7	10.3	29.9	0.0	235.6
1970	14.4	1.7	8.2	7.1	28.4	31.9	40.9	14.3	1.7	11.6	3.3	0.0	163.3
1971	14.8	23.2	4.7	7.6	39.0	41.0	25.5	5.0	2.0	12.1	22.3	0.0	197.3
1972	30.2	31.4	8.2	8.1	29.0	41.0	40.5	19.5	0.0	8.0	3.3	0.0	219.0
1973	31.9	21.6	7.6	9.7	33.2	35.3	4.6	17.7	0.0	12.5	3.3	0.0	177.4
1974	31.9	28.2	8.0	7.9	35.5	41.0	40.9	19.3	0.7	16.6	21.1	3.8	254.9
1975	18.0	15.5	3.6	7.2	30.8	41.0	3.4	14.6	2.0	11.8	11.0	0.0	159.0
1976	8.8	31.4	8.2	9.3	40.0	37.9	40.4	15.7	1.1	14.0	3.3	0.0	210.0
1977	17.3	28.8	5.1	7.2	30.0	40.8	23.6	15.4	0.7	10.5	3.3	0.0	182.7
1978	28.2	26.6	6.0	10.0	39.8	41.0	40.2	19.5	2.0	8.7	3.3	0.0	225.2
1979	27.9	19.9	7.2	9.4	39.7	41.0	40.7	15.9	1.0	11.7	3.3	0.0	217.7
1980	31.9	31.4	8.2	7.9	37.3	41.0	40.9	19.5	1.4	11.3	14.6	7.2	252.5
1981	18.1	18.3	8.0	9.4	33.7	41.0	32.0	17.4	0.8	11.7	28.4	0.4	219.1
1982	31.9	31.4	5.7	9.0	25.0	40.3	40.2	15.6	0.4	13.6	12.2	0.0	225.4
1983	31.5	31.4	8.2	10.0	33.9	40.6	28.4	19.4	2.0	10.7	30.2	0.0	246.3
1984	0.0	0.0	2.2	6.4	40.0	41.0	40.4	19.2	0.0	14.8	9.1	15.2	188.3
1985	8.8	23.7	6.9	9.3	39.9	41.0	37.9	16.9	0.4	15.0	21.8	0.0	221.6
1986	0.5	25.2	5.3	9.6	36.7	40.7	37.8	18.9	2.0	8.3	29.1	0.0	214.2
MEAN	15.4	21.0	6.5	8.3	35.6	40.0	35.2	16.9	1.3	12.0	13.3	2.6	208.1

Table F.3.17 (15/49) IRRIGATION WATER DEMAND AT SYSTEM E
(Improved Condition, Irrigation Area: 6,100 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	5.3	16.1	8.0	5.9	29.1	29.7	24.6	5.3	0.0	4.9	7.2	0.7	136.8
1950	9.3	16.8	6.7	7.1	25.3	29.7	25.7	7.2	0.0	6.5	15.9	5.5	155.7
1951	1.5	16.8	7.2	6.7	28.7	29.7	25.2	5.3	0.0	5.9	7.2	0.7	135.0
1952	1.5	18.1	7.9	4.7	23.0	29.7	22.4	7.3	0.0	6.6	9.5	6.0	136.6
1953	1.5	8.8	6.0	5.5	29.1	29.2	23.7	6.9	0.0	5.8	12.7	0.7	129.8
1954	1.8	1.6	4.9	6.0	27.5	29.7	25.7	7.0	0.0	4.2	12.8	0.7	121.9
1955	1.5	2.4	4.3	5.6	29.1	29.7	25.8	6.6	0.0	7.3	17.9	3.4	133.6
1956	5.6	18.6	6.4	6.2	29.1	25.6	25.8	7.3	0.0	5.9	7.2	0.7	138.4
1957	1.5	6.3	8.0	7.2	28.6	29.7	25.1	7.3	0.0	4.6	7.2	0.7	126.3
1958	1.5	14.2	4.3	5.4	28.0	29.7	25.7	6.9	0.0	7.4	8.1	0.7	131.9
1959	8.6	18.4	7.4	5.3	18.1	29.6	25.8	6.4	0.0	4.0	7.2	0.7	131.5
1960	1.5	1.6	8.0	4.8	22.2	29.7	17.9	7.3	0.0	5.3	7.2	11.0	116.4
1961	1.5	11.6	5.6	3.8	27.3	29.7	25.7	7.3	0.0	5.8	7.2	0.7	126.3
1962	1.5	12.9	4.9	4.9	20.6	29.7	25.7	1.9	0.0	6.2	12.1	1.2	121.6
1963	1.5	3.9	6.2	5.8	27.0	29.7	24.6	7.4	0.0	5.3	7.2	0.7	119.4
1964	1.5	1.6	5.3	6.8	25.9	29.7	20.2	5.8	0.0	6.8	17.2	0.7	121.6
1965	11.1	1.6	6.5	5.1	26.7	29.7	25.8	3.6	0.0	4.6	7.2	0.7	122.5
1966	1.5	17.6	3.4	6.7	27.9	29.7	25.8	6.2	0.0	4.4	7.4	1.8	132.3
1967	6.5	5.2	5.9	7.0	29.1	27.9	25.8	7.3	0.0	5.2	7.2	0.7	127.8
1968	5.7	22.0	2.7	6.6	29.1	29.7	25.7	7.4	0.0	5.5	16.3	1.1	151.7
1969	1.5	11.9	7.8	4.8	27.9	29.7	25.7	4.3	0.0	4.0	20.9	0.7	139.4
1970	1.6	1.6	6.4	6.0	25.6	29.7	25.8	7.3	0.0	7.6	11.3	2.9	125.9
1971	1.5	16.2	7.3	6.3	28.1	29.7	24.8	6.6	0.0	5.7	8.4	0.7	135.3
1972	11.4	21.3	7.1	6.6	24.9	29.6	24.8	4.2	0.0	4.0	7.2	0.7	141.8
1973	16.2	1.6	7.0	6.8	28.2	27.3	23.5	7.3	0.0	6.0	7.2	0.7	131.9
1974	23.6	15.0	7.8	5.6	24.2	29.7	24.8	7.2	0.0	7.5	22.8	0.7	169.0
1975	10.0	13.7	5.8	6.4	23.0	29.7	18.1	6.8	0.0	7.3	16.6	1.4	138.7
1976	3.0	20.3	7.4	6.3	28.2	27.5	23.7	6.3	0.0	7.2	10.1	7.4	147.4
1977	21.2	19.5	4.8	6.8	25.7	29.7	20.5	7.2	0.0	5.2	11.7	2.9	155.3
1978	16.5	18.6	7.1	6.4	27.9	29.7	25.6	7.3	0.0	5.4	17.0	0.7	162.3
1979	14.2	18.5	6.1	6.8	29.1	29.6	25.6	7.4	0.0	4.6	7.2	1.6	150.7
1980	21.7	22.0	7.5	4.5	27.9	29.7	25.8	7.3	0.0	5.2	8.6	16.6	176.7
1981	16.1	13.4	6.4	6.7	23.2	29.7	19.8	7.4	0.0	6.1	13.2	1.6	143.5
1982	23.6	22.0	6.6	5.2	24.6	29.7	24.1	7.2	0.0	5.9	10.5	0.7	160.2
1983	22.0	21.6	7.9	7.1	19.2	28.7	18.2	7.1	0.0	5.0	19.3	0.7	156.7
1984	1.5	1.6	3.3	5.9	26.8	29.1	22.8	6.7	0.0	7.2	14.6	11.3	130.8
1985	1.5	10.5	5.6	6.2	27.4	28.7	25.7	5.3	0.0	6.5	18.0	0.7	136.1
1986	1.5	14.0	3.8	6.9	21.7	28.1	23.7	7.0	0.0	4.1	22.0	3.9	136.7
MEAN	7.4	12.6	6.2	6.0	26.2	29.3	24.1	6.5	0.0	5.7	11.8	2.5	138.3

Table F.3.17 (16/49) IRRIGATION WATER DEMAND AT SYSTEM F
(Improved Condition, Irrigation Area: 1,900 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	1.7	5.9	0.0	0.1	7.2	10.9	10.4	4.6	0.4	3.9	3.6	1.2	49.9
1950	5.5	4.5	0.0	0.1	6.9	10.9	10.4	5.5	0.4	4.3	7.6	3.8	59.9
1951	1.5	4.4	0.0	0.1	5.7	10.9	10.3	4.7	0.2	3.9	3.5	2.1	47.1
1952	1.5	4.0	0.0	0.1	6.1	10.9	10.2	5.6	0.2	4.2	7.0	0.8	50.4
1953	2.7	5.1	0.0	0.1	7.3	10.9	9.8	4.3	0.3	3.1	3.8	0.8	48.2
1954	1.5	4.5	0.0	0.1	7.3	10.9	10.2	4.6	0.4	3.6	7.8	0.8	51.7
1955	1.5	4.9	0.0	0.1	7.0	10.9	10.3	5.4	0.2	4.6	8.9	4.2	57.9
1956	4.9	5.5	0.0	0.1	7.3	10.9	10.4	5.6	0.4	4.4	3.5	0.8	53.8
1957	4.3	1.4	0.0	0.1	6.7	10.9	10.3	5.6	0.3	2.9	3.5	0.8	46.6
1958	5.3	4.9	0.0	0.1	6.3	10.9	10.4	5.6	0.4	4.4	7.9	1.6	57.6
1959	7.2	6.3	0.0	0.1	6.3	9.7	10.3	5.5	0.4	3.8	3.5	0.8	53.9
1960	3.1	1.1	0.0	0.1	7.2	10.9	9.1	5.6	0.4	4.3	3.5	3.9	49.1
1961	3.6	3.7	0.0	0.1	7.2	10.9	10.4	5.6	0.4	3.9	3.5	0.8	50.0
1962	1.5	6.1	0.0	0.1	6.3	10.9	10.4	5.2	0.4	3.7	6.8	2.5	53.8
1963	1.5	3.2	0.0	0.1	7.2	10.9	10.3	5.6	0.4	4.0	3.5	0.8	47.4
1964	3.1	4.8	0.0	0.1	6.9	10.9	6.6	5.5	0.3	3.2	8.6	3.7	53.7
1965	6.4	2.4	0.0	0.1	5.6	10.9	10.4	4.1	0.4	3.3	3.5	0.8	47.8
1966	1.5	6.3	0.0	0.1	7.3	10.9	10.4	5.5	0.3	3.0	5.0	3.2	53.4
1967	8.5	4.8	0.0	0.1	7.2	10.8	10.4	5.6	0.4	2.9	3.5	0.8	54.8
1968	5.6	6.3	0.0	0.1	7.3	10.9	10.4	5.6	0.4	3.5	4.8	2.7	57.6
1969	4.5	5.1	0.0	0.1	7.3	10.9	10.4	3.2	0.4	3.5	8.0	0.8	54.1
1970	1.5	1.1	0.0	0.1	7.2	10.9	10.4	5.6	0.3	4.1	4.9	1.6	47.6
1971	3.7	3.8	0.0	0.1	7.1	10.9	10.4	3.3	0.3	4.4	8.0	0.8	52.7
1972	8.4	6.3	0.0	0.1	6.1	10.9	10.4	5.6	0.2	2.9	3.5	2.1	56.4
1973	8.5	5.1	0.0	0.1	7.3	10.9	10.4	5.6	0.3	3.8	4.3	0.8	57.1
1974	8.5	5.1	0.0	0.1	7.3	10.9	10.4	5.3	0.2	4.5	10.4	0.8	63.4
1975	6.4	5.4	0.0	0.1	6.9	10.9	8.4	5.6	0.4	4.6	5.2	2.1	56.0
1976	5.8	5.9	0.0	0.1	7.3	10.9	10.3	5.5	0.4	3.9	4.4	0.8	55.3
1977	8.5	6.3	0.0	0.1	6.9	10.9	9.9	5.4	0.3	3.3	4.3	1.8	57.8
1978	7.7	5.8	0.0	0.1	7.1	10.9	9.7	5.6	0.4	3.0	3.7	3.5	57.4
1979	5.6	6.0	0.0	0.1	6.9	10.9	10.4	5.4	0.4	3.7	6.8	2.9	59.1
1980	8.5	6.3	0.0	0.1	6.8	10.9	10.4	5.6	0.4	4.2	3.5	4.3	60.9
1981	4.3	4.6	0.0	0.1	7.3	10.9	9.9	5.2	0.2	3.5	8.5	3.0	57.5
1982	8.5	6.3	0.0	0.1	4.8	10.8	10.4	5.5	0.4	3.5	5.1	0.8	56.0
1983	8.5	6.3	0.0	0.1	7.2	10.9	10.4	5.6	0.4	4.2	8.9	0.8	63.3
1984	1.5	1.1	0.0	0.1	5.9	10.9	10.3	5.5	0.1	4.4	4.1	5.2	49.0
1985	2.9	3.9	0.0	0.1	7.1	10.9	10.4	5.5	0.2	4.2	5.9	0.8	51.9
1986	1.5	4.4	0.0	0.1	6.9	10.8	10.4	5.6	0.4	3.1	8.2	0.8	52.0
MEAN	4.7	4.7	0.0	0.1	6.8	10.9	10.1	5.2	0.3	3.8	5.5	1.9	54.0

Table F.3.17 (17/49) IRRIGATION WATER DEMAND AT SYSTEM G
(Improved Condition, Irrigation Area: 5,400 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	6.6	16.8	2.4	0.1	18.2	28.9	26.6	14.1	1.9	3.6	9.6	1.0	129.9
1950	14.4	11.1	1.4	0.1	17.1	28.9	27.5	15.5	1.3	3.9	18.1	8.3	147.7
1951	2.0	13.9	1.9	0.2	15.5	28.9	27.5	13.4	1.6	4.9	8.8	5.9	124.5
1952	2.0	6.3	2.6	0.1	15.5	28.9	27.4	16.9	1.4	4.4	17.9	7.5	130.8
1953	8.0	13.6	2.2	0.1	18.4	28.7	16.7	15.9	1.6	2.7	14.7	1.0	123.4
1954	4.8	14.1	1.0	0.1	18.2	28.9	27.3	15.2	1.9	3.9	16.5	1.0	132.8
1955	2.3	13.5	2.6	0.1	17.8	28.9	27.5	14.8	1.3	4.7	19.6	8.2	141.3
1956	16.3	15.1	2.2	0.1	18.3	27.4	27.5	16.8	1.9	4.0	9.3	1.0	139.9
1957	14.1	2.4	2.6	0.1	14.9	28.9	26.4	16.8	1.3	2.7	8.8	1.0	120.1
1958	13.5	13.4	0.9	0.1	17.7	28.9	27.5	15.5	1.5	4.0	14.0	1.0	138.0
1959	12.4	16.7	2.6	0.1	16.5	28.9	27.5	16.4	1.5	3.3	8.8	4.9	139.8
1960	6.4	1.9	2.5	0.1	16.8	28.9	18.0	16.9	1.7	4.1	11.2	12.5	121.0
1961	6.6	10.9	1.9	0.1	15.9	28.9	27.5	16.9	1.8	4.2	8.8	1.0	124.5
1962	9.0	16.2	2.2	0.1	14.2	28.9	27.5	15.5	1.8	4.0	17.3	6.8	143.3
1963	2.0	3.1	1.8	0.1	18.2	28.9	26.3	16.9	1.5	3.6	8.8	1.0	112.3
1964	9.8	5.7	1.9	0.1	16.3	28.9	24.2	16.7	1.6	4.7	14.4	11.1	135.3
1965	16.8	7.5	1.8	0.1	12.3	28.9	27.5	13.6	1.9	3.8	8.8	1.0	123.9
1966	6.0	16.3	1.8	0.1	18.4	28.9	27.5	13.9	1.4	2.7	11.3	9.1	137.5
1967	18.8	11.0	2.3	0.1	17.3	28.7	27.5	16.9	1.6	2.8	8.8	1.0	136.9
1968	13.7	17.5	1.4	0.1	18.4	28.9	27.5	16.8	1.2	3.6	11.5	7.8	148.4
1969	9.2	14.2	2.6	0.1	18.4	28.9	27.4	11.0	1.8	2.7	16.6	1.0	133.8
1970	13.7	4.2	2.1	0.1	17.3	28.8	27.5	15.7	1.6	4.7	11.8	2.6	130.1
1971	6.4	14.6	2.2	0.1	18.2	28.9	27.0	12.4	1.8	4.9	17.2	1.9	134.7
1972	20.8	17.5	2.6	0.1	11.7	28.9	27.5	16.9	0.2	2.8	8.8	1.7	139.6
1973	21.5	15.1	2.6	0.2	18.2	27.3	20.7	16.8	0.9	4.2	9.9	1.0	138.3
1974	21.6	12.1	2.6	0.1	18.4	28.9	27.5	16.9	1.3	4.9	19.7	1.0	154.9
1975	14.4	14.4	2.3	0.1	16.7	28.9	14.8	16.8	1.8	4.8	17.9	5.4	138.3
1976	17.5	15.5	2.6	0.1	18.4	28.9	25.7	14.9	1.8	4.2	14.4	1.0	145.1
1977	15.2	17.2	2.5	0.1	18.2	28.9	25.3	16.7	1.2	3.1	16.5	1.5	146.5
1978	17.1	17.3	2.2	0.2	18.2	28.9	27.5	16.9	1.9	2.8	13.4	1.0	147.3
1979	15.3	16.7	2.4	0.1	16.0	28.9	27.5	16.0	1.2	3.8	8.8	2.4	139.1
1980	21.5	17.5	2.6	0.1	17.9	28.9	27.5	16.9	1.5	3.8	13.5	7.7	159.4
1981	13.9	12.7	2.6	0.1	17.0	28.9	25.7	12.9	1.3	4.1	21.8	3.3	144.4
1982	21.6	17.5	2.1	0.1	13.6	28.8	27.4	16.8	1.7	3.8	13.3	1.0	147.8
1983	21.5	17.5	2.6	0.2	13.6	28.8	21.8	16.9	1.8	3.6	20.4	1.0	149.5
1984	2.0	1.9	1.4	0.1	18.0	28.9	26.4	16.8	1.0	4.6	16.6	16.6	134.2
1985	10.5	12.8	1.9	0.1	17.0	28.9	27.4	14.8	0.5	4.9	14.3	1.0	134.1
1986	2.0	12.8	1.5	0.1	15.0	28.7	27.3	16.8	1.9	3.1	22.6	6.4	138.3
MEAN	11.9	12.6	2.1	0.1	16.8	28.8	25.9	15.7	1.5	3.9	13.8	3.9	137.0

Table F.3.17 (18/49) IRRIGATION WATER DEMAND AT KANDALAMA (H)
(Improved Condition, Irrigation Area: 4,900 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	12.0	14.3	2.9	2.8	11.8	21.4	18.3	9.5	3.7	4.4	10.7	8.8	120.7
1950	17.8	12.6	2.8	3.5	12.8	21.0	20.6	11.8	3.1	5.6	11.9	9.8	133.2
1951	5.7	12.3	3.1	2.7	8.7	21.5	19.2	11.5	0.0	5.1	7.6	15.5	112.7
1952	10.1	14.3	3.0	2.6	14.6	21.5	18.0	12.3	2.7	5.1	18.3	14.0	136.4
1953	16.0	15.2	3.4	2.8	15.5	21.9	16.6	10.3	2.6	3.7	13.6	7.1	128.6
1954	15.8	15.2	1.8	2.4	13.9	21.9	18.2	11.2	4.0	4.7	9.8	1.5	120.5
1955	9.6	14.8	3.2	2.7	10.3	21.9	21.2	10.0	0.0	5.0	13.7	17.0	129.3
1956	17.9	15.2	2.6	3.5	15.4	16.0	20.9	12.5	3.8	5.5	13.3	12.5	139.2
1957	17.0	12.6	3.5	2.5	8.4	20.7	21.0	12.6	3.3	4.1	6.3	1.5	113.6
1958	10.0	15.2	2.4	2.3	9.6	21.6	20.9	10.2	4.0	5.1	13.1	14.8	129.3
1959	16.9	14.4	3.4	2.7	7.5	20.2	20.8	12.7	2.5	5.4	6.3	10.6	123.5
1960	13.3	8.0	3.5	2.0	11.8	21.6	8.1	12.7	2.8	5.2	6.3	10.8	106.2
1961	9.0	11.2	3.3	2.6	12.8	18.0	19.9	12.5	3.6	4.2	10.3	5.4	112.6
1962	13.6	15.2	3.4	2.8	9.1	21.7	20.7	12.5	2.6	3.7	16.4	6.6	128.6
1963	7.7	12.9	2.6	2.3	13.8	21.3	20.7	12.6	2.9	4.0	6.3	1.5	108.6
1964	17.2	14.4	2.8	3.1	13.0	21.7	17.0	12.3	1.8	5.1	13.1	13.6	135.1
1965	17.8	13.2	2.6	2.8	8.2	21.7	21.1	5.4	4.0	3.7	6.3	1.5	108.4
1966	17.5	15.2	1.8	2.5	15.5	21.7	20.2	11.4	1.3	4.2	6.3	7.2	124.8
1967	19.4	10.7	2.5	3.3	12.0	21.1	20.9	12.6	3.4	4.2	11.8	2.3	124.2
1968	18.2	15.2	2.8	3.1	15.2	19.6	20.8	12.7	3.1	4.7	8.5	11.9	135.8
1969	17.5	14.5	2.6	2.5	15.1	21.9	21.0	7.6	3.6	4.0	16.2	1.7	128.3
1970	16.1	10.1	3.1	2.9	10.6	21.9	20.4	12.7	2.6	5.3	7.0	11.5	124.2
1971	9.6	12.6	3.5	2.2	11.4	20.1	21.1	8.0	2.7	5.1	15.7	1.5	113.6
1972	19.4	15.2	3.5	2.8	8.6	21.9	20.3	12.7	2.6	4.1	12.9	10.4	134.5
1973	19.5	15.2	3.5	3.1	14.3	21.5	18.3	11.7	1.9	4.8	17.8	1.5	133.0
1974	19.5	12.0	3.4	2.3	11.5	21.9	20.8	12.5	0.6	6.5	16.8	10.1	137.9
1975	17.4	15.1	2.6	2.3	9.9	21.4	16.3	10.3	3.1	5.5	12.4	11.8	128.1
1976	19.4	15.2	3.0	2.3	15.5	21.9	21.0	12.6	3.2	4.4	8.1	7.8	134.5
1977	15.7	14.6	3.4	2.6	10.5	21.9	19.9	8.5	2.4	3.7	9.8	11.7	124.7
1978	19.1	14.4	3.3	3.1	7.7	21.9	14.7	12.7	3.5	4.2	6.3	7.4	118.5
1979	19.4	15.2	3.5	3.0	14.6	21.8	20.5	12.6	1.6	4.3	9.6	12.4	138.5
1980	19.5	15.2	3.3	2.8	10.8	20.0	21.1	12.4	0.8	5.2	6.3	11.1	128.3
1981	17.6	15.2	3.4	2.6	12.2	21.7	16.0	11.0	2.0	5.1	12.8	12.8	132.4
1982	19.5	15.2	2.8	3.0	8.6	21.3	21.1	12.6	3.2	4.5	11.0	11.6	134.5
1983	19.4	15.2	3.6	3.2	7.0	21.2	20.1	12.7	3.5	5.6	14.5	1.5	127.6
1984	10.4	1.6	0.5	2.8	14.5	21.9	17.7	12.7	0.0	5.7	8.5	11.0	107.4
1985	16.4	13.3	3.5	3.7	12.9	20.9	16.2	12.4	2.8	5.2	8.7	10.9	126.8
1986	9.6	15.0	2.3	3.0	10.5	21.5	20.3	12.0	3.4	4.7	15.3	13.6	131.0
MEAN	15.5	13.6	3.0	2.8	11.7	21.2	19.3	11.5	2.6	4.8	11.0	8.8	125.7

Table F.3.17 (19/49) IRRIGATION WATER DEMAND AT DAMBULU OYA (H)
(Improved Condition, Irrigation Area: 2,200 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	5.4	6.4	1.3	1.2	5.3	9.6	8.2	4.3	1.7	2.0	4.8	3.9	54.2
1950	8.0	5.7	1.2	1.5	5.7	9.4	9.3	5.3	1.4	2.5	5.4	4.4	59.8
1951	2.6	5.5	1.4	1.2	3.9	9.6	8.6	5.2	0.0	2.3	3.4	7.0	50.6
1952	4.5	6.4	1.3	1.1	6.6	9.6	8.1	5.5	1.2	2.3	8.2	6.3	61.3
1953	7.2	6.8	1.5	1.2	7.0	9.8	7.5	4.6	1.2	1.7	6.1	3.2	57.8
1954	7.1	6.8	0.8	1.1	6.2	9.8	8.2	5.0	1.8	2.1	4.4	0.7	54.1
1955	4.3	6.6	1.4	1.2	4.6	9.8	9.5	4.5	0.0	2.3	6.1	7.6	58.0
1956	8.0	6.8	1.2	1.6	6.9	7.2	9.4	5.6	1.7	2.5	6.0	5.6	62.5
1957	7.6	5.7	1.6	1.1	3.8	9.3	9.4	5.7	1.5	1.8	2.8	0.7	51.0
1958	4.5	6.8	1.1	1.0	4.3	9.7	9.4	4.6	1.8	2.3	5.9	6.7	58.1
1959	7.6	6.5	1.5	1.2	3.4	9.1	9.3	5.7	1.1	2.4	2.8	4.8	55.5
1960	6.0	3.6	1.6	0.9	5.3	9.7	3.7	5.7	1.2	2.3	2.8	4.9	47.7
1961	4.0	5.0	1.5	1.1	5.8	8.1	8.9	5.6	1.6	1.9	4.6	2.4	50.5
1962	6.1	6.8	1.5	1.3	4.1	9.8	9.3	5.6	1.2	1.7	7.4	3.0	57.7
1963	3.5	5.8	1.1	1.0	6.2	9.6	9.3	5.7	1.3	1.8	2.8	0.7	48.7
1964	7.7	6.5	1.3	1.4	5.8	9.8	7.7	5.5	0.8	2.3	5.9	6.1	60.7
1965	8.0	5.9	1.2	1.3	3.7	9.8	9.5	2.4	1.8	1.7	2.8	0.7	48.7
1966	7.9	6.8	0.8	1.1	6.9	9.8	9.1	5.1	0.6	1.9	2.8	3.2	56.0
1967	8.7	4.8	1.1	1.5	5.4	9.5	9.4	5.7	1.5	1.9	5.3	1.0	55.8
1968	8.2	6.8	1.3	1.4	6.8	8.8	9.3	5.7	1.4	2.1	3.8	5.3	61.0
1969	7.8	6.5	1.2	1.1	6.8	9.8	9.4	3.4	1.6	1.8	7.3	0.8	57.6
1970	7.2	4.5	1.4	1.3	4.8	9.8	9.2	5.7	1.2	2.4	3.1	5.2	55.8
1971	4.3	5.7	1.6	1.0	5.1	9.0	9.5	3.6	1.2	2.3	7.1	0.7	51.0
1972	8.7	6.8	1.6	1.2	3.9	9.8	9.1	5.7	1.2	1.8	5.8	4.7	60.4
1973	8.7	6.8	1.6	1.4	6.4	9.6	8.2	5.2	0.9	2.1	8.0	0.7	59.7
1974	8.7	5.4	1.5	1.1	5.2	9.8	9.3	5.6	0.3	2.9	7.5	4.6	61.9
1975	7.8	6.8	1.2	1.1	4.4	9.6	7.3	4.6	1.4	2.5	5.6	5.3	57.5
1976	8.7	6.8	1.4	1.0	7.0	9.8	9.4	5.6	1.4	2.0	3.7	3.2	60.4
1977	7.1	6.5	1.5	1.2	4.7	9.8	8.9	3.8	1.1	1.7	4.4	5.3	56.0
1978	8.6	6.5	1.5	1.4	3.5	9.8	6.6	5.7	1.6	1.9	2.8	3.3	53.2
1979	8.7	6.8	1.6	1.4	6.6	9.8	9.2	5.7	0.7	1.9	4.3	5.6	62.2
1980	8.7	6.8	1.5	1.2	4.8	9.0	9.5	5.6	0.3	2.3	2.8	5.0	57.6
1981	7.9	6.8	1.5	1.2	5.5	9.7	7.2	4.9	0.9	2.3	5.8	5.8	59.4
1982	8.7	6.8	1.3	1.4	3.9	9.6	9.5	5.6	1.5	2.0	4.9	5.2	60.4
1983	8.7	6.8	1.6	1.5	3.2	9.5	9.0	5.7	1.6	2.5	6.5	0.7	57.3
1984	4.7	0.7	0.2	1.3	6.5	9.8	8.0	5.7	0.0	2.6	3.8	4.9	48.2
1985	7.3	6.0	1.6	1.7	5.8	9.4	7.3	5.6	1.3	2.3	3.9	4.9	56.9
1986	4.3	6.7	1.0	1.3	4.7	9.6	9.1	5.4	1.5	2.1	6.9	6.1	58.8
MEAN	6.9	6.1	1.3	1.2	5.3	9.5	8.6	5.2	1.2	2.1	5.0	3.9	56.4

Table F.3.17 (20/49) IRRIGATION WATER DEMAND AT KALAWEWA (H)
(Improved Condition, Irrigation Area: 27,600 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	67.6	80.5	16.5	15.6	66.3	120.7	103.2	53.6	21.0	24.9	60.3	49.5	679.6
1950	100.3	71.2	15.6	19.4	72.0	118.2	116.2	66.3	17.4	31.7	67.2	55.0	750.4
1951	32.3	69.3	17.4	15.0	49.1	120.8	107.9	64.8	0.0	28.6	42.5	87.2	635.1
1952	56.7	80.8	16.9	14.4	82.5	120.8	101.4	69.3	15.1	29.0	102.8	78.8	768.6
1953	90.2	85.5	19.4	15.5	87.3	123.3	93.5	57.8	14.7	21.1	76.5	39.8	724.6
1954	89.3	85.7	10.2	13.7	78.3	123.3	102.5	62.9	22.5	26.7	55.2	8.4	678.6
1955	54.0	83.2	17.9	15.2	57.8	123.3	119.2	56.4	0.0	28.4	77.1	95.7	728.1
1956	100.6	85.6	14.6	19.6	86.8	90.3	118.0	70.4	21.5	31.3	75.1	70.4	784.2
1957	95.9	71.0	19.9	13.9	47.3	116.7	118.4	71.1	18.6	22.8	35.7	8.4	639.7
1958	56.1	85.5	13.6	13.1	54.2	121.6	118.0	57.5	22.5	28.8	73.8	83.5	728.3
1959	94.9	81.0	19.1	15.4	42.4	114.1	117.1	71.7	13.9	30.7	35.7	59.7	695.7
1960	75.1	45.2	19.8	11.0	66.6	121.6	45.8	71.3	15.6	29.3	35.7	60.9	598.1
1961	50.5	62.9	18.7	14.4	72.3	101.2	111.9	70.4	20.2	23.5	57.8	30.4	634.1
1962	76.4	85.4	19.3	15.8	51.5	122.5	116.9	76.6	14.9	21.1	92.5	37.5	724.3
1963	43.5	72.6	14.4	12.8	77.5	120.1	116.4	71.1	16.4	22.7	35.7	8.4	611.6
1964	96.8	81.0	15.8	17.2	73.0	122.5	96.0	69.5	10.1	29.0	73.8	76.3	761.1
1965	100.3	74.5	14.7	15.7	46.3	122.5	118.7	30.5	22.5	21.1	35.7	8.4	610.8
1966	98.7	85.4	10.0	13.8	87.1	122.5	113.9	64.1	7.2	23.7	35.7	40.7	702.9
1967	109.3	60.5	14.1	18.5	67.6	119.1	117.5	71.0	19.2	23.5	66.5	12.8	699.5
1968	102.8	85.8	15.8	17.2	85.6	110.4	117.1	71.7	17.6	26.3	47.6	67.0	764.9
1969	98.4	81.7	14.7	14.1	85.0	123.1	118.4	42.8	20.5	22.7	91.1	9.9	722.5
1970	90.8	56.9	17.2	16.4	59.9	123.3	115.2	71.5	14.5	29.8	39.4	64.7	699.7
1971	54.0	71.2	19.8	12.5	64.2	113.3	118.7	45.3	15.2	28.6	88.5	8.4	639.7
1972	109.1	85.8	19.9	15.5	48.5	123.3	114.5	71.7	14.5	22.9	72.9	58.8	757.5
1973	109.6	85.5	19.9	17.6	80.4	120.8	103.2	65.8	11.0	26.8	100.2	8.4	749.2
1974	109.7	67.9	19.1	13.2	65.0	123.3	117.1	70.4	3.2	36.5	94.4	57.1	776.7
1975	98.1	85.1	14.8	13.2	55.5	120.5	91.7	57.8	17.5	31.2	69.8	66.5	721.6
1976	109.3	85.8	17.2	12.8	87.3	123.5	118.2	70.8	17.9	24.6	45.9	44.2	757.5
1977	88.6	82.0	19.0	14.9	59.1	123.1	112.3	47.9	13.5	21.1	55.2	66.2	702.7
1978	107.5	81.0	18.8	17.5	43.3	123.5	82.9	71.5	19.6	23.9	35.7	41.8	667.2
1979	109.5	85.3	19.9	17.0	82.2	122.7	115.4	71.0	9.2	24.2	53.8	70.1	780.4
1980	109.7	85.8	18.5	15.5	60.6	112.6	118.9	69.7	4.3	29.2	35.7	62.4	722.8
1981	99.0	85.6	19.2	14.7	68.6	122.0	90.0	62.0	11.1	28.8	72.2	72.3	745.7
1982	109.7	85.8	15.9	17.0	48.5	120.1	118.9	70.8	18.2	25.3	61.8	65.3	757.3
1983	109.5	85.8	20.0	18.3	39.6	119.3	113.0	71.5	19.7	31.7	81.8	8.4	718.5
1984	58.6	9.1	3.0	16.0	81.4	123.5	99.9	71.7	0.0	32.0	47.9	62.1	605.2
1985	92.1	75.0	19.5	20.7	72.8	117.8	91.0	69.9	15.9	29.2	48.7	61.5	714.2
1986	54.0	84.4	13.0	16.6	59.4	120.8	114.3	67.6	19.0	26.3	86.4	76.3	738.1
MEAN	87.1	76.6	16.7	15.6	66.1	119.3	108.5	64.8	14.6	26.8	62.2	49.5	707.8

Table F.3.17 (21/49) IRRIGATION WATER DEMAND AT RAJANGANA (H)
(Improved Condition, Irrigation Area: 6,700.Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	16.4	19.5	4.0	3.8	16.1	29.3	25.0	13.0	5.1	6.0	14.6	12.0	165.0
1950	24.3	17.3	3.8	4.7	17.5	28.7	28.2	16.1	4.2	7.7	16.3	13.4	182.2
1951	7.8	16.8	4.2	3.7	11.9	29.3	26.2	15.7	0.0	6.9	10.3	21.2	154.2
1952	13.8	19.6	4.1	3.5	20.0	29.3	24.6	16.8	3.7	7.0	25.0	19.1	186.6
1953	21.9	20.7	4.7	3.8	21.2	29.9	22.7	14.0	3.6	5.1	18.6	9.7	175.9
1954	21.7	20.8	2.5	3.3	19.0	29.9	24.9	15.3	5.5	6.5	13.4	2.0	164.7
1955	13.1	20.2	4.3	3.7	14.0	29.9	28.9	13.7	0.0	6.9	18.7	23.2	176.8
1956	24.4	20.8	3.5	4.8	21.1	21.9	28.6	17.1	5.2	7.6	18.2	17.1	190.4
1957	23.3	17.2	4.8	3.4	11.5	28.3	28.7	17.3	4.5	5.5	8.7	2.0	155.3
1958	13.6	20.7	3.3	3.2	13.2	29.5	28.6	14.0	5.5	7.0	17.9	20.3	176.8
1959	23.0	19.7	4.6	3.7	10.3	27.7	28.4	17.4	3.4	7.4	8.7	14.5	168.9
1960	18.2	11.0	4.8	2.7	16.2	29.5	11.1	17.3	3.8	7.1	8.7	14.8	145.2
1961	12.3	15.3	4.5	3.5	17.5	24.6	27.2	17.1	4.9	5.7	14.0	7.4	153.9
1962	18.5	20.7	4.7	3.8	12.5	29.7	28.4	17.1	3.6	5.1	22.4	9.1	175.8
1963	10.5	17.6	3.5	3.1	18.8	29.1	28.3	17.3	4.0	5.5	8.7	2.0	148.5
1964	23.5	19.7	3.8	4.2	17.7	29.7	23.3	16.9	2.5	7.0	17.9	18.5	184.8
1965	24.3	18.1	3.6	3.8	11.2	29.7	28.8	7.4	5.5	5.1	8.7	2.0	148.3
1966	24.0	20.7	2.4	3.4	21.2	29.7	27.7	15.6	1.7	5.8	8.7	9.9	178.6
1967	26.5	14.7	3.4	4.5	16.4	28.9	28.5	17.2	4.7	5.7	16.1	3.1	169.8
1968	25.0	20.8	3.8	4.2	20.8	26.8	28.4	17.4	4.3	6.4	11.6	16.3	185.7
1969	23.9	19.8	3.6	3.4	20.6	29.9	28.7	10.4	5.0	5.5	22.1	2.4	175.4
1970	22.1	13.8	4.2	4.0	14.5	29.9	28.0	17.4	3.5	7.2	9.6	15.7	169.9
1971	13.1	17.3	4.8	3.0	15.6	27.5	28.8	11.0	3.7	7.0	21.5	2.0	155.3
1972	26.5	20.8	4.8	3.8	11.8	29.9	27.8	17.4	3.5	5.6	17.7	14.3	183.9
1973	26.6	20.8	4.8	4.3	19.5	29.3	25.0	16.0	2.7	6.5	24.3	2.0	181.9
1974	26.6	16.5	4.6	3.2	15.8	29.9	28.4	17.1	0.8	8.9	22.9	13.9	188.6
1975	23.8	20.7	3.6	3.2	13.5	29.2	22.3	14.0	4.2	7.6	16.9	16.1	175.2
1976	26.5	20.8	4.2	3.1	21.2	30.0	28.7	17.2	4.4	6.0	11.1	10.7	183.9
1977	21.5	19.9	4.6	3.6	14.3	29.9	27.2	11.6	3.3	5.1	13.4	16.1	170.6
1978	26.1	19.7	4.6	4.3	10.5	30.0	20.1	17.4	4.8	5.8	8.7	10.2	162.0
1979	26.6	20.7	4.8	4.1	20.0	29.8	28.0	17.2	2.2	5.9	13.1	17.0	189.4
1980	26.6	20.8	4.5	3.8	14.7	27.3	28.9	16.9	1.0	7.1	8.7	15.1	175.5
1981	24.0	20.8	4.7	3.6	16.7	29.6	21.8	15.0	2.7	7.0	17.5	17.6	181.0
1982	26.6	20.8	3.9	4.1	11.8	29.1	28.9	17.2	4.4	6.1	15.0	15.8	183.8
1983	26.6	20.8	4.9	4.4	9.6	29.0	27.4	17.4	4.8	7.7	19.9	2.0	174.4
1984	14.2	2.2	0.7	3.9	19.8	30.0	24.3	17.4	0.0	7.8	11.6	15.1	146.9
1985	22.4	18.2	4.7	5.0	17.7	28.6	22.1	17.0	3.9	7.1	11.8	14.9	173.4
1986	13.1	20.5	3.1	4.0	14.4	29.3	27.8	16.4	4.6	6.4	21.0	18.5	179.2
MEAN	21.1	18.6	4.0	3.8	16.1	29.0	26.3	15.7	3.6	6.5	15.1	12.0	171.8

Table F.3.17 (22/49) IRRIGATION WATER DEMAND AT ANGAMUWA (H)
(Improved Condition, Irrigation Area: 1,000 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	2.5	2.9	0.6	0.6	2.4	4.4	3.7	1.9	0.8	0.9	2.2	1.8	24.6
1950	3.6	2.6	0.6	0.7	2.6	4.3	4.2	2.4	0.6	1.1	2.4	2.0	27.2
1951	1.2	2.5	0.6	0.5	1.8	4.4	3.9	2.3	0.0	1.0	1.5	3.2	23.0
1952	2.1	2.9	0.6	0.5	3.0	4.4	3.7	2.5	0.5	1.1	3.7	2.9	27.8
1953	3.3	3.1	0.7	0.6	3.2	4.5	3.4	2.1	0.5	0.8	2.8	1.4	26.3
1954	3.2	3.1	0.4	0.5	2.8	4.5	3.7	2.3	0.8	1.0	2.0	0.3	24.6
1955	2.0	3.0	0.6	0.5	2.1	4.5	4.3	2.0	0.0	1.0	2.8	3.5	28.4
1956	3.6	3.1	0.5	0.7	3.1	3.3	4.3	2.6	0.8	1.1	2.7	2.6	26.4
1957	3.5	2.6	0.7	0.5	1.7	4.2	4.3	2.6	0.7	0.8	1.3	0.3	23.2
1958	2.0	3.1	0.5	0.5	2.0	4.4	4.3	2.1	0.8	1.0	2.7	3.0	26.4
1959	3.4	2.9	0.7	0.6	1.5	4.1	4.2	2.6	0.5	1.1	1.3	2.2	25.2
1960	2.7	1.6	0.7	0.4	2.4	4.4	1.7	2.6	0.6	1.1	1.3	2.2	21.7
1961	1.8	2.3	0.7	0.5	2.6	3.7	4.1	2.6	0.7	0.8	2.1	1.1	23.0
1962	2.8	3.1	0.7	0.6	1.9	4.4	4.2	2.6	0.5	0.8	3.4	1.4	26.2
1963	1.6	2.6	0.5	0.5	2.8	4.4	4.2	2.6	0.6	0.8	1.3	0.3	22.2
1964	3.5	2.9	0.6	0.6	2.6	4.4	3.5	2.5	0.4	1.1	2.7	2.8	27.6
1965	3.6	2.7	0.5	0.6	1.7	4.4	4.3	1.1	0.8	0.8	1.3	0.3	22.1
1966	3.6	3.1	0.4	0.5	3.2	4.4	4.1	2.3	0.3	0.9	1.3	1.5	25.5
1967	4.0	2.2	0.5	0.7	2.4	4.3	4.3	2.6	0.7	0.8	2.4	0.5	28.3
1968	3.7	3.1	0.6	0.6	3.1	4.0	4.2	2.6	0.6	1.0	1.7	2.4	27.7
1969	3.6	3.0	0.5	0.5	3.1	4.5	4.3	1.6	0.7	0.8	3.3	0.4	26.2
1970	3.3	2.1	0.6	0.6	2.2	4.5	4.2	2.6	0.5	1.1	1.4	2.3	25.4
1971	2.0	2.6	0.7	0.5	2.3	4.1	4.3	1.6	0.5	1.0	3.2	0.3	23.2
1972	4.0	3.1	0.7	0.6	1.8	4.5	4.2	2.6	0.5	0.8	2.6	2.1	27.4
1973	4.0	3.1	0.7	0.6	2.9	4.4	3.7	2.4	0.4	1.0	3.6	0.3	27.1
1974	4.0	2.5	0.7	0.5	2.4	4.5	4.2	2.6	0.1	1.3	3.4	2.1	28.1
1975	3.6	3.1	0.5	0.5	2.0	4.4	3.3	2.1	0.6	1.1	2.5	2.4	26.1
1976	4.0	3.1	0.6	0.5	3.2	4.5	4.3	2.6	0.7	0.9	1.7	1.6	27.4
1977	3.2	3.0	0.7	0.5	2.1	4.5	4.1	1.7	0.5	0.8	2.0	2.4	25.5
1978	3.9	2.9	0.7	0.6	1.6	4.5	3.0	2.6	0.7	0.9	1.3	1.5	24.2
1979	4.0	3.1	0.7	0.6	3.0	4.4	4.2	2.6	0.3	0.9	2.0	2.5	28.3
1980	4.0	3.1	0.7	0.6	2.2	4.1	4.3	2.5	0.2	1.1	1.3	2.3	26.2
1981	3.6	3.1	0.7	0.5	2.5	4.4	3.3	2.2	0.4	1.0	2.6	2.6	27.0
1982	4.0	3.1	0.6	0.6	1.8	4.4	4.3	2.6	0.7	0.9	2.2	2.4	27.4
1983	4.0	3.1	0.7	0.7	1.4	4.3	4.1	2.6	0.7	1.1	3.0	0.3	26.0
1984	2.1	0.3	0.1	0.6	3.0	4.5	3.6	2.6	0.0	1.2	1.7	2.2	21.9
1985	3.3	2.7	0.7	0.8	2.6	4.3	3.3	2.5	0.6	1.1	1.8	2.2	25.9
1986	2.0	3.1	0.5	0.6	2.2	4.4	4.1	2.4	0.7	1.0	3.1	2.8	26.7
MEAN	3.2	2.8	0.6	0.6	2.4	4.3	3.9	2.3	0.5	1.0	2.3	1.8	25.6

Table F.3.17 (23/49) IRRIGATION WATER DEMAND AT NACHCHADUWA (IH)
(Improved Condition, Irrigation Area: 2,830 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	6.2	8.6	1.8	2.2	10.0	12.7	10.3	2.8	1.0	1.5	5.1	4.1	66.4
1950	9.8	7.5	1.7	2.9	10.7	12.6	11.1	3.4	0.8	2.1	5.8	4.7	73.2
1951	2.4	7.3	1.9	2.1	8.0	12.7	10.7	3.4	0.0	1.9	3.2	8.3	61.8
1952	5.0	8.7	1.8	2.0	11.7	12.7	10.1	3.6	0.7	1.9	8.0	6.7	72.9
1953	8.8	8.4	1.9	1.3	11.8	12.7	7.9	3.4	0.7	1.2	7.6	3.8	69.5
1954	6.2	8.9	0.7	1.6	10.4	12.7	10.0	2.8	1.0	1.8	7.8	0.3	64.2
1955	6.3	8.7	1.5	1.3	9.1	12.7	10.2	2.0	0.2	2.0	7.0	8.3	69.3
1956	9.2	8.7	2.0	2.7	11.7	11.8	11.0	3.5	1.0	2.2	5.5	5.9	75.2
1957	9.5	7.2	2.1	2.2	6.4	12.6	10.6	3.5	0.8	1.3	2.6	0.3	59.1
1958	9.1	8.6	1.4	2.3	9.3	12.7	11.1	3.0	0.9	1.9	6.3	7.6	74.3
1959	7.0	8.9	2.1	1.6	6.7	11.0	11.0	3.6	0.6	1.8	2.6	3.7	60.4
1960	8.6	5.5	2.1	2.4	10.5	12.7	6.6	3.5	0.9	1.8	3.2	7.9	65.7
1961	1.3	6.5	2.0	2.4	10.3	11.2	10.9	3.5	0.9	1.6	6.0	3.3	60.0
1962	3.9	8.1	2.0	2.1	6.4	12.7	11.0	3.5	0.7	1.2	8.1	4.1	63.8
1963	0.3	6.7	1.5	2.1	10.2	12.7	9.8	3.4	0.7	2.0	2.6	0.3	52.4
1964	9.8	8.1	1.4	2.4	11.0	12.7	9.5	3.5	0.5	1.4	6.4	5.7	72.5
1965	10.0	7.2	1.9	1.9	9.2	12.7	11.1	1.3	0.9	1.2	2.6	0.6	60.7
1966	7.3	8.9	1.9	1.9	11.7	12.7	11.0	2.7	0.6	1.7	5.1	5.0	70.4
1967	10.4	7.5	1.8	2.9	10.4	12.7	11.1	3.5	0.9	1.6	6.7	2.3	71.6
1968	9.9	8.9	2.0	2.2	11.7	12.6	11.0	3.6	0.6	1.7	6.8	7.0	78.1
1969	9.9	8.3	2.0	2.2	11.5	12.7	11.0	2.6	0.8	1.2	7.4	0.3	70.0
1970	9.1	7.2	1.7	2.5	9.1	12.7	11.0	2.8	0.8	1.6	2.8	4.9	66.3
1971	4.8	6.9	2.1	1.9	11.1	12.7	11.1	1.7	0.6	1.7	7.8	0.3	62.5
1972	10.4	8.9	2.1	2.3	7.5	12.6	10.8	3.5	0.6	1.2	6.9	5.4	72.3
1973	10.4	8.9	1.9	2.7	11.1	12.7	8.4	3.0	0.7	2.2	7.6	0.4	69.9
1974	10.4	8.0	2.0	1.7	10.6	12.7	11.0	3.5	0.8	2.3	9.2	3.2	75.4
1975	9.4	8.9	1.7	2.4	7.8	12.6	10.3	3.5	0.7	2.1	5.5	8.1	73.0
1976	10.4	8.9	1.2	2.3	11.8	12.7	11.1	3.5	0.9	1.3	2.6	7.1	73.8
1977	10.4	8.1	2.1	2.4	6.0	12.7	10.9	3.4	0.8	1.2	5.5	5.2	68.6
1978	10.2	8.9	1.8	2.5	10.1	12.7	9.0	3.5	0.8	1.9	2.6	3.1	67.2
1979	10.3	8.9	2.1	2.3	11.5	12.7	10.9	3.1	0.4	1.2	3.7	4.4	71.6
1980	10.4	8.9	1.6	2.1	9.4	12.5	11.0	3.6	0.5	1.8	4.2	7.5	73.6
1981	9.6	8.9	1.9	2.3	10.2	12.6	9.7	2.6	0.4	2.0	7.2	7.7	75.1
1982	10.4	8.9	1.9	2.4	10.0	12.6	11.1	3.6	0.9	1.4	6.0	5.8	74.8
1983	10.4	8.9	2.1	2.8	6.6	12.6	10.9	3.3	0.8	2.0	8.1	0.3	68.7
1984	0.3	0.3	1.5	2.3	11.6	12.7	10.0	3.6	0.2	2.2	4.2	8.4	57.4
1985	6.9	7.7	1.8	2.8	7.9	12.6	10.9	2.9	0.5	2.4	2.8	5.3	64.3
1986	4.7	8.9	1.3	2.4	9.2	12.7	11.0	3.5	0.9	1.7	7.9	7.1	71.3
MEAN	7.9	8.0	1.8	2.2	9.7	12.6	10.4	3.2	0.7	1.7	5.6	4.6	68.3

Table F.3.17 (24/49) IRRIGATION WATER DEMAND AT NUWARAWEWA (IH)
(Improved Condition, Irrigation Area: 1,100 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	2.4	3.4	0.7	0.9	3.9	4.9	4.0	1.1	0.4	0.6	2.0	1.6	25.8
1950	3.8	2.9	0.7	1.1	4.2	4.9	4.3	1.3	0.3	0.8	2.3	1.8	28.4
1951	0.9	2.8	0.7	0.8	3.1	4.9	4.2	1.3	0.0	0.7	1.2	3.2	24.0
1952	2.0	3.4	0.7	0.8	4.5	4.9	3.9	1.4	0.3	0.7	3.1	2.6	28.3
1953	3.4	3.3	0.7	0.5	4.6	4.9	3.1	1.3	0.3	0.5	3.0	1.5	27.0
1954	2.4	3.5	0.3	0.6	4.0	4.9	3.9	1.1	0.4	0.7	3.0	0.1	25.0
1955	2.5	3.4	0.6	0.5	3.5	4.9	3.9	0.8	0.1	0.8	2.7	3.2	27.0
1956	3.6	3.4	0.8	1.1	4.6	4.6	4.3	1.3	0.4	0.9	2.2	2.3	29.2
1957	3.7	2.8	0.8	0.9	2.5	4.9	4.1	1.4	0.3	0.5	1.0	0.1	23.0
1958	3.6	3.4	0.5	0.9	3.6	4.9	4.3	1.2	0.4	0.7	2.5	3.0	28.9
1959	2.7	3.5	0.8	0.6	2.6	4.3	4.3	1.4	0.2	0.7	1.0	1.4	23.5
1960	3.4	2.1	0.8	0.9	4.1	4.9	2.6	1.4	0.3	0.7	1.3	3.1	25.5
1961	0.5	2.5	0.8	0.9	4.0	4.4	4.2	1.4	0.3	0.6	2.3	1.3	23.3
1962	1.5	3.2	0.8	0.8	2.5	4.9	4.3	1.3	0.3	0.5	3.1	1.6	24.8
1963	0.1	2.6	0.6	0.8	4.0	4.9	3.8	1.3	0.3	0.8	1.0	0.1	20.4
1964	3.8	3.2	0.5	1.0	4.3	4.9	3.7	1.4	0.2	0.6	2.5	2.2	28.2
1965	3.9	2.8	0.8	0.8	3.6	4.9	4.3	0.5	0.3	0.5	1.0	0.3	23.6
1966	2.8	3.5	0.8	0.7	4.6	4.9	4.3	1.0	0.2	0.7	2.0	1.9	27.4
1967	4.0	2.9	0.7	1.1	4.0	4.9	4.3	1.4	0.3	0.6	2.6	0.9	27.8
1968	3.8	3.5	0.8	0.9	4.5	4.9	4.3	1.4	0.2	0.7	2.7	2.7	30.3
1969	3.8	3.2	0.8	0.9	4.5	4.9	4.3	1.0	0.3	0.5	2.9	0.1	27.2
1970	3.6	2.8	0.7	1.0	3.5	4.9	4.3	1.1	0.3	0.6	1.1	1.9	25.8
1971	1.9	2.7	0.8	0.7	4.3	4.9	4.3	0.7	0.2	0.7	3.0	0.1	24.3
1972	4.0	3.5	0.8	0.9	2.9	4.9	4.2	1.4	0.3	0.5	2.7	2.1	28.1
1973	4.0	3.5	0.7	1.0	4.3	4.9	3.3	1.2	0.3	0.8	3.0	0.2	27.2
1974	4.0	3.1	0.8	0.7	4.1	4.9	4.3	1.3	0.3	0.9	3.6	1.2	29.3
1975	3.7	3.5	0.7	0.9	3.0	4.9	4.0	1.3	0.3	0.8	2.1	3.2	28.4
1976	4.0	3.5	0.5	0.9	4.6	4.9	4.3	1.4	0.4	0.5	1.0	2.8	28.7
1977	4.0	3.1	0.8	0.9	2.3	4.9	4.2	1.3	0.3	0.5	2.1	2.0	26.7
1978	4.0	3.5	0.7	1.0	3.9	4.9	3.5	1.4	0.3	0.7	1.0	1.2	26.1
1979	4.0	3.5	0.8	0.9	4.5	4.9	4.2	1.2	0.1	0.5	1.5	1.7	27.8
1980	4.0	3.5	0.6	0.8	3.7	4.9	4.3	1.4	0.2	0.7	1.6	2.9	28.6
1981	3.7	3.5	0.7	0.9	4.0	4.9	3.8	1.0	0.1	0.8	2.8	3.0	29.2
1982	4.0	3.5	0.7	0.9	3.9	4.9	4.3	1.4	0.3	0.5	2.3	2.2	29.1
1983	4.0	3.5	0.8	1.1	2.6	4.9	4.2	1.3	0.3	0.8	3.1	0.1	26.7
1984	0.1	0.1	0.6	0.9	4.5	4.9	3.9	1.4	0.1	0.9	1.6	3.3	22.3
1985	2.7	3.0	0.7	1.1	3.1	4.9	4.2	1.1	0.2	0.9	1.1	2.0	25.0
1986	1.8	3.5	0.5	0.9	3.6	4.9	4.3	1.3	0.3	0.6	3.1	2.7	27.7
MEAN	3.1	3.1	0.7	0.9	3.8	4.9	4.0	1.2	0.3	0.7	2.2	1.8	26.6

Table F.3.17 (25/49) IRRIGATION WATER DEMAND AT TISSAWERA (IH)
(Improved Condition, Irrigation Area: 400 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.9	1.2	0.3	0.3	1.4	1.8	1.5	0.4	0.1	0.2	0.7	0.6	9.4
1950	1.4	1.1	0.2	0.4	1.5	1.8	1.6	0.5	0.1	0.3	0.8	0.7	10.3
1951	0.3	1.0	0.3	0.3	1.1	1.8	1.3	0.5	0.0	0.3	0.4	1.2	8.7
1952	0.7	1.2	0.3	0.3	1.7	1.8	1.4	0.5	0.1	0.3	1.1	1.0	10.3
1953	1.2	1.2	0.3	0.2	1.7	1.8	1.1	0.5	0.1	0.2	1.1	0.5	9.8
1954	0.9	1.3	0.1	0.2	1.5	1.8	1.4	0.4	0.1	0.3	1.1	0.0	9.1
1955	0.9	1.2	0.2	0.2	1.3	1.8	1.4	0.3	0.0	0.3	1.0	1.2	9.8
1956	1.3	1.2	0.3	0.4	1.7	1.7	1.5	0.5	0.1	0.3	0.8	0.8	10.6
1957	1.3	1.0	0.3	0.3	0.9	1.8	1.5	0.5	0.1	0.2	0.4	0.0	8.4
1958	1.3	1.2	0.2	0.3	1.3	1.8	1.6	0.4	0.1	0.3	0.9	1.1	10.5
1959	1.0	1.3	0.3	0.2	0.9	1.6	1.5	0.5	0.1	0.3	0.4	0.5	8.5
1960	1.2	0.8	0.3	0.3	1.5	1.8	0.9	0.5	0.1	0.3	0.5	1.1	9.3
1961	0.2	0.9	0.3	0.3	1.5	1.6	1.5	0.5	0.1	0.2	0.8	0.5	8.5
1962	0.6	1.1	0.3	0.3	0.9	1.8	1.6	0.5	0.1	0.2	1.1	0.6	9.0
1963	0.0	1.0	0.2	0.3	1.4	1.8	1.4	0.5	0.1	0.3	0.4	0.0	7.4
1964	1.4	1.2	0.2	0.3	1.6	1.8	1.3	0.5	0.1	0.2	0.9	0.8	10.2
1965	1.4	1.0	0.3	0.3	1.3	1.8	1.6	0.2	0.1	0.2	0.4	0.1	8.6
1966	1.0	1.3	0.3	0.3	1.7	1.8	1.5	0.4	0.1	0.2	0.7	0.7	10.0
1967	1.5	1.1	0.3	0.4	1.5	1.8	1.6	0.5	0.1	0.2	0.9	0.3	10.1
1968	1.4	1.3	0.3	0.3	1.7	1.6	1.6	0.5	0.1	0.2	1.0	1.0	11.0
1969	1.4	1.2	0.3	0.3	1.6	1.8	1.6	0.4	0.1	0.2	1.0	0.0	9.9
1970	1.3	1.0	0.2	0.3	1.3	1.8	1.6	0.4	0.1	0.2	0.4	0.7	9.4
1971	0.7	1.0	0.3	0.3	1.6	1.8	1.6	0.2	0.1	0.2	1.1	0.0	8.8
1972	1.5	1.3	0.3	0.3	1.1	1.8	1.5	0.5	0.1	0.2	1.0	0.8	10.2
1973	1.5	1.3	0.3	0.4	1.6	1.8	1.2	0.4	0.1	0.3	1.1	0.1	9.9
1974	1.5	1.1	0.3	0.2	1.5	1.8	1.6	0.5	0.1	0.3	1.3	0.5	10.7
1975	1.3	1.3	0.2	0.3	1.1	1.8	1.5	0.5	0.1	0.3	0.8	1.2	10.3
1976	1.5	1.3	0.2	0.3	1.7	1.8	1.6	0.5	0.1	0.2	0.4	1.0	10.4
1977	1.5	1.1	0.3	0.3	0.9	1.8	1.3	0.5	0.1	0.2	0.8	0.7	9.7
1978	1.4	1.3	0.3	0.3	1.4	1.8	1.3	0.5	0.1	0.3	0.4	0.4	9.5
1979	1.5	1.3	0.3	0.3	1.6	1.8	1.5	0.4	0.1	0.2	0.5	0.6	10.1
1980	1.5	1.3	0.2	0.3	1.3	1.8	1.6	0.5	0.1	0.3	0.6	1.1	10.4
1981	1.4	1.3	0.3	0.3	1.4	1.8	1.4	0.5	0.1	0.3	1.0	1.1	10.6
1982	1.5	1.3	0.3	0.3	1.4	1.8	1.6	0.5	0.1	0.2	0.9	0.8	10.6
1983	1.5	1.3	0.3	0.4	0.9	1.8	1.5	0.5	0.1	0.3	1.1	0.0	9.7
1984	0.0	0.0	0.2	0.3	1.6	1.8	1.4	0.5	0.0	0.3	0.6	1.2	8.1
1985	1.0	1.1	0.2	0.4	1.1	1.8	1.5	0.4	0.1	0.3	0.4	0.7	9.1
1986	0.7	1.3	0.2	0.3	1.3	1.8	1.6	0.5	0.1	0.2	1.1	1.0	10.1
MEAN	1.1	1.1	0.3	0.3	1.4	1.8	1.5	0.4	0.1	0.2	0.8	0.6	9.7

Table F.3.17 (26/49) IRRIGATION WATER DEMAND AT BASSAWAKKULAMU (IH)
(Improved Condition, Irrigation Area: 370 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.8	1.1	0.2	0.3	1.3	1.7	1.3	0.4	0.1	0.2	0.7	0.5	8.7
1950	1.3	1.0	0.2	0.4	1.4	1.6	1.4	0.4	0.1	0.3	0.8	0.6	9.6
1951	0.3	1.0	0.2	0.3	1.0	1.7	1.4	0.4	0.0	0.2	0.4	1.1	8.1
1952	0.7	1.1	0.2	0.3	1.5	1.7	1.3	0.5	0.1	0.2	1.0	0.9	9.5
1953	1.1	1.1	0.2	0.2	1.5	1.7	1.0	0.4	0.1	0.2	1.0	0.5	9.1
1954	0.8	1.2	0.1	0.2	1.4	1.7	1.3	0.4	0.1	0.2	1.0	0.0	8.4
1955	0.8	1.1	0.2	0.2	1.2	1.7	1.3	0.3	0.0	0.3	0.9	1.1	9.1
1956	1.2	1.1	0.3	0.4	1.5	1.5	1.4	0.5	0.1	0.3	0.7	0.8	9.8
1957	1.2	0.9	0.3	0.3	0.8	1.6	1.4	0.5	0.1	0.2	0.3	0.0	7.7
1958	1.2	1.1	0.2	0.3	1.2	1.7	1.4	0.4	0.1	0.2	0.8	1.0	9.7
1959	0.9	1.2	0.3	0.2	0.9	1.4	1.4	0.5	0.1	0.2	0.3	0.5	7.9
1960	1.1	0.7	0.3	0.3	1.4	1.7	0.9	0.5	0.1	0.2	0.4	1.0	8.6
1961	0.2	0.8	0.3	0.3	1.4	1.5	1.4	0.5	0.1	0.2	0.8	0.4	7.8
1962	0.5	1.1	0.3	0.3	0.8	1.7	1.4	0.5	0.1	0.2	1.1	0.5	8.3
1963	0.0	0.9	0.2	0.3	1.3	1.7	1.3	0.4	0.1	0.3	0.3	0.0	6.9
1964	1.3	1.1	0.2	0.3	1.4	1.7	1.2	0.5	0.1	0.2	0.8	0.7	9.5
1965	1.3	0.9	0.3	0.3	1.2	1.7	1.4	0.2	0.1	0.2	0.3	0.1	7.9
1966	1.0	1.2	0.3	0.2	1.5	1.7	1.4	0.3	0.1	0.2	0.7	0.7	9.2
1967	1.4	1.0	0.2	0.4	1.4	1.7	1.4	0.5	0.1	0.2	0.9	0.3	9.4
1968	1.3	1.2	0.3	0.3	1.5	1.7	1.4	0.5	0.1	0.2	0.9	0.9	10.2
1969	1.3	1.1	0.3	0.3	1.5	1.7	1.4	0.3	0.1	0.2	1.0	0.0	9.1
1970	1.2	0.9	0.2	0.3	1.2	1.7	1.4	0.4	0.1	0.2	0.4	0.6	8.7
1971	0.6	0.9	0.3	0.2	1.5	1.7	1.4	0.2	0.1	0.2	1.0	0.0	8.2
1972	1.4	1.2	0.3	0.3	1.0	1.6	1.4	0.5	0.1	0.2	0.9	0.7	9.5
1973	1.4	1.2	0.2	0.4	1.4	1.7	1.3	0.4	0.1	0.3	1.0	0.1	9.1
1974	1.4	1.0	0.3	0.2	1.4	1.7	1.4	0.5	0.1	0.3	1.2	0.4	9.9
1975	1.2	1.2	0.2	0.3	1.0	1.6	1.4	0.5	0.1	0.3	0.7	1.1	9.5
1976	1.4	1.2	0.2	0.3	1.5	1.7	1.4	0.5	0.1	0.2	0.3	0.9	9.6
1977	1.4	1.1	0.3	0.3	0.8	1.7	1.4	0.5	0.1	0.2	0.7	0.7	9.0
1978	1.3	1.2	0.2	0.3	1.3	1.7	1.2	0.5	0.1	0.3	0.3	0.4	8.8
1979	1.4	1.2	0.3	0.3	1.5	1.7	1.4	0.4	0.0	0.2	0.5	0.6	9.4
1980	1.4	1.2	0.2	0.3	1.2	1.6	1.4	0.5	0.1	0.2	0.6	1.0	9.6
1981	1.3	1.2	0.3	0.3	1.3	1.6	1.3	0.3	0.0	0.3	0.9	1.0	9.8
1982	1.4	1.2	0.2	0.3	1.3	1.6	1.4	0.5	0.1	0.2	0.8	0.8	9.8
1983	1.4	1.2	0.3	0.4	0.9	1.7	1.4	0.4	0.1	0.3	1.1	0.0	9.0
1984	0.0	0.0	0.2	0.3	1.5	1.7	1.3	0.5	0.0	0.3	0.6	1.1	7.5
1985	0.9	1.0	0.2	0.4	1.0	1.7	1.4	0.4	0.1	0.3	0.4	0.7	8.4
1986	0.6	1.2	0.2	0.3	1.2	1.7	1.4	0.5	0.1	0.2	1.0	0.9	9.3
MEAN	1.0	1.0	0.2	0.3	1.3	1.6	1.4	0.4	0.1	0.2	0.7	0.6	8.9

Table F.3.17 (27/49) IRRIGATION WATER DEMAND AT HURULUWEWA (MH)
(Improved Condition, Irrigation Area: 16,300 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	41.6	54.6	11.3	15.3	64.5	77.7	63.7	17.9	6.1	11.3	38.2	30.2	432.5
1950	62.2	48.2	10.7	19.0	68.4	76.9	68.7	21.9	5.1	14.7	42.5	33.7	472.0
1951	19.5	46.8	11.9	14.7	52.6	77.8	66.3	21.6	0.0	13.2	27.2	54.0	405.8
1952	34.8	54.7	11.5	14.0	74.3	77.8	62.6	22.9	4.4	13.4	54.9	45.2	470.6
1953	56.4	53.3	11.9	10.4	75.1	77.8	49.3	21.8	4.4	9.6	52.6	28.3	451.0
1954	41.5	56.2	5.0	12.0	66.6	77.8	62.3	18.1	6.0	12.6	53.9	5.4	417.4
1955	42.2	55.0	9.8	10.4	59.3	77.7	63.0	12.7	1.3	14.1	48.9	54.0	448.5
1956	58.9	55.0	12.4	18.1	74.7	71.8	67.9	22.3	6.2	15.2	40.8	40.6	483.8
1957	60.5	46.2	13.3	15.3	44.0	76.9	65.6	22.8	5.0	9.7	24.2	5.4	388.9
1958	58.5	54.6	8.8	16.0	60.1	77.4	68.5	19.1	6.0	13.4	45.3	50.4	478.1
1959	46.1	56.0	12.9	11.7	45.5	67.2	67.9	22.9	3.6	12.9	24.2	27.8	398.5
1960	55.5	36.4	13.3	16.1	67.4	77.4	41.8	22.4	5.5	12.8	27.5	52.0	428.0
1961	13.4	42.2	12.6	16.1	66.5	68.8	67.3	22.5	5.6	11.7	43.3	25.7	395.6
1962	28.5	51.6	12.5	14.7	43.8	77.4	68.3	22.2	4.3	9.6	55.4	30.0	418.5
1963	7.6	43.6	9.4	14.6	65.6	77.2	61.0	22.1	4.6	14.0	24.2	5.4	349.3
1964	62.0	51.8	9.0	16.6	70.4	77.7	59.0	22.4	3.2	10.7	45.6	39.1	467.4
1965	63.5	46.2	12.2	13.8	59.8	77.7	68.6	8.4	5.6	9.6	24.2	9.5	398.9
1966	47.7	56.1	12.3	13.4	74.5	77.8	67.9	17.1	3.9	12.2	38.1	35.1	456.1
1967	65.5	47.9	11.3	19.2	66.8	77.4	68.6	22.5	5.4	11.4	47.3	20.0	463.2
1968	62.8	56.2	12.4	15.4	74.2	77.1	68.2	22.9	3.7	12.4	48.2	46.9	500.5
1969	62.6	52.5	12.7	15.4	73.0	77.8	68.5	16.8	5.2	9.6	51.4	5.4	450.9
1970	58.5	46.0	11.1	16.7	59.1	77.4	68.4	18.1	4.9	11.8	25.0	34.7	431.8
1971	33.2	44.3	13.2	13.5	70.9	77.4	68.5	11.2	3.8	12.1	53.7	5.4	407.3
1972	65.5	56.2	13.3	15.9	49.8	76.9	66.8	22.8	4.1	9.6	48.4	37.3	466.7
1973	65.7	56.2	11.8	17.9	70.6	77.4	52.6	19.2	4.2	14.8	52.7	7.4	450.5
1974	65.6	50.7	12.8	12.5	67.8	77.6	68.4	22.3	4.9	15.9	61.7	24.8	485.0
1975	60.2	56.1	10.8	16.3	51.6	76.6	64.1	22.3	4.3	14.2	40.5	53.3	470.4
1976	65.6	56.2	7.7	15.9	75.0	77.8	68.5	22.6	5.7	9.6	24.2	47.4	476.3
1977	65.5	51.3	13.2	16.3	41.9	77.4	67.4	22.2	4.9	9.6	40.4	36.1	446.0
1978	64.4	56.2	11.4	16.6	64.8	77.7	56.0	22.8	5.3	13.4	24.2	24.5	437.3
1979	65.4	56.0	13.2	15.6	73.4	77.8	67.4	19.7	2.4	9.6	30.5	31.9	462.9
1980	65.7	56.2	10.1	14.7	60.9	76.4	68.5	22.9	3.4	12.6	33.2	49.6	474.2
1981	61.3	56.0	12.1	15.6	65.8	76.9	60.5	17.0	2.3	13.7	50.1	50.7	482.0
1982	65.7	56.2	12.1	16.5	64.2	76.8	68.7	22.9	5.5	10.2	43.5	39.6	481.8
1983	65.6	56.2	13.3	18.6	44.9	77.2	67.5	21.0	4.7	13.7	55.3	5.4	443.5
1984	6.5	6.3	9.8	15.9	73.9	77.8	61.9	22.9	1.1	15.0	33.3	54.8	379.2
1985	45.5	49.1	11.1	18.3	52.2	77.1	67.5	18.6	3.0	16.3	24.8	36.6	420.3
1986	33.1	56.0	8.8	16.4	59.9	77.8	68.1	22.3	5.5	12.0	54.5	47.1	461.4
MEAN	51.2	50.8	11.4	15.4	63.0	76.8	64.6	20.4	4.3	12.3	40.9	32.4	443.5

Table F.3.17 (28/49) IRRIGATION WATER DEMAND AT MAHAKANDALAMA (I)
(Improved Condition, Irrigation Area: 10,800 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	26.9	35.6	7.2	9.7	42.0	50.9	41.9	11.1	2.6	5.7	23.7	20.4	277.6
1950	40.5	31.4	6.8	12.1	44.5	50.5	45.1	13.6	2.1	7.4	26.3	22.6	303.1
1951	12.2	30.4	7.7	9.3	34.3	51.0	43.6	13.4	0.0	6.6	17.0	36.1	261.6
1952	22.4	35.7	7.4	8.8	48.4	51.0	41.2	14.2	1.9	6.7	34.0	30.3	301.8
1953	36.7	34.7	7.6	6.4	48.8	51.0	32.4	13.5	1.9	4.7	32.5	19.1	289.5
1954	26.8	36.7	3.2	7.5	43.4	51.0	40.9	11.3	2.6	6.3	33.4	3.7	266.6
1955	27.3	35.9	6.3	6.4	38.6	50.9	41.4	7.9	0.6	7.1	30.3	36.1	288.8
1956	38.3	35.9	8.0	11.5	48.6	47.1	44.6	13.8	2.6	7.7	25.3	27.2	310.5
1957	39.4	30.0	8.5	9.7	28.7	50.4	43.1	14.1	2.1	4.8	15.1	3.7	249.8
1958	38.1	35.6	5.7	10.1	39.1	50.8	45.0	11.9	2.5	6.7	28.1	33.7	307.3
1959	29.8	36.5	8.3	7.3	29.7	44.1	44.6	14.2	1.5	6.5	15.1	18.8	256.2
1960	36.1	23.5	8.5	10.2	43.9	50.7	27.5	13.9	2.3	6.4	17.1	34.8	274.9
1961	8.2	27.4	8.1	10.2	43.3	45.1	44.2	14.0	2.4	5.9	26.8	17.4	252.9
1962	18.2	33.6	8.0	9.3	28.6	50.7	44.9	13.8	1.8	4.7	34.3	20.2	268.2
1963	4.4	28.3	6.0	9.2	42.7	50.7	40.1	13.7	1.9	7.1	15.1	3.7	222.9
1964	40.4	33.7	5.8	10.5	45.8	50.9	38.8	13.9	1.3	5.4	28.2	26.2	300.9
1965	41.4	30.0	7.8	8.6	38.9	50.9	45.1	5.4	2.4	4.7	15.1	6.6	257.0
1966	30.9	36.6	7.9	8.4	48.4	51.0	44.6	10.6	1.6	6.1	23.6	23.6	293.5
1967	42.7	31.2	7.3	12.2	43.5	50.7	45.1	13.9	2.3	5.7	29.3	13.6	297.4
1968	40.9	36.7	8.0	9.8	48.3	50.6	44.8	14.2	1.6	6.2	29.8	31.4	322.2
1969	40.8	34.2	8.1	9.7	47.5	51.0	45.0	10.4	2.2	4.7	31.8	3.7	289.3
1970	38.1	29.9	7.1	10.6	38.5	50.7	44.9	11.3	2.1	5.9	15.6	23.3	278.0
1971	21.3	28.8	8.4	8.5	46.1	50.8	45.0	6.9	1.6	6.1	33.2	3.7	260.6
1972	42.7	36.7	8.5	10.1	32.5	50.4	43.9	14.1	1.7	4.7	30.0	25.1	300.5
1973	42.9	36.6	7.6	11.4	45.9	50.7	34.5	11.9	1.8	7.5	32.6	5.1	288.6
1974	42.8	33.0	8.2	7.8	44.1	50.9	44.9	13.8	2.1	8.0	38.2	16.8	310.7
1975	39.2	36.6	6.9	10.3	33.7	50.3	42.1	13.8	1.8	7.2	25.1	35.6	302.7
1976	42.8	36.7	4.9	10.1	48.8	51.0	45.0	14.0	2.4	4.8	15.1	31.7	307.3
1977	42.7	33.4	8.4	10.3	27.3	50.8	44.3	13.7	2.1	4.7	25.1	24.3	287.1
1978	42.0	36.7	7.3	10.5	42.2	50.9	36.8	14.1	2.2	6.8	15.1	16.6	281.2
1979	42.7	36.5	8.5	9.9	47.8	51.0	44.3	12.2	1.0	4.7	19.0	21.5	299.0
1980	42.9	36.7	6.5	9.3	39.7	50.1	45.0	14.2	1.4	6.3	20.6	33.2	305.8
1981	39.9	36.5	7.8	9.8	42.8	50.4	39.7	10.6	1.0	6.9	31.0	33.9	310.5
1982	42.9	36.7	7.7	10.4	41.8	50.3	45.1	14.2	2.3	5.1	27.0	26.5	310.0
1983	42.8	36.7	8.5	11.8	29.3	50.6	44.4	13.0	2.0	6.9	34.2	3.7	284.0
1984	3.8	3.8	6.3	10.1	48.1	51.0	40.7	14.2	0.5	7.6	20.7	36.6	243.2
1985	29.5	32.0	7.1	11.6	34.0	50.6	44.4	11.6	1.3	8.2	15.5	24.6	270.3
1986	21.2	36.5	5.6	10.4	39.0	51.0	44.7	13.8	2.4	6.0	33.7	31.5	295.9
MEAN	33.2	33.1	7.3	9.7	41.0	50.3	42.5	12.6	1.8	6.2	25.4	21.8	284.9

Table F.3.17 (29/49) IRRIGATION WATER DEMAND AT TAMMANEWA (I)
(Improved Condition, Irrigation Area: 27,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	67.2	88.9	18.1	24.1	105.0	127.4	104.7	27.8	6.5	14.2	59.3	50.9	694.0
1950	101.3	78.4	17.1	30.1	111.4	126.2	112.8	34.0	5.4	18.6	65.8	56.6	757.7
1951	30.6	76.1	19.2	23.2	85.7	127.5	108.9	33.5	0.0	16.6	42.4	90.3	654.1
1952	55.9	89.2	18.5	22.1	120.9	127.5	102.9	35.4	4.7	16.9	84.9	75.7	754.4
1953	91.8	86.9	19.1	16.0	122.0	127.5	81.0	33.8	4.7	11.9	81.3	47.7	723.7
1954	66.9	91.6	8.0	18.7	108.4	127.5	102.3	28.1	6.4	15.8	83.4	9.3	666.6
1955	68.1	89.7	15.7	16.0	96.5	127.4	103.5	19.8	1.4	17.8	75.7	90.3	721.9
1956	95.8	89.7	20.0	28.7	121.4	117.7	111.5	34.5	6.6	19.2	63.3	68.1	776.2
1957	98.6	75.1	21.3	24.2	71.8	126.1	107.7	35.3	5.3	12.1	37.7	9.3	624.5
1958	95.2	88.9	14.2	25.3	97.8	126.9	112.5	29.7	6.3	16.8	70.2	84.2	768.1
1959	74.6	91.4	20.7	18.2	74.2	110.2	111.5	35.4	3.8	16.2	37.7	46.9	640.6
1960	90.2	58.9	21.3	25.4	109.8	126.8	68.6	34.6	5.8	16.0	42.8	87.0	687.3
1961	20.6	68.4	20.2	25.4	108.2	112.8	110.5	34.9	5.9	14.7	67.0	43.5	632.2
1962	45.5	84.0	20.1	23.3	71.4	126.8	112.2	34.4	4.6	11.9	85.8	50.6	670.6
1963	11.0	70.7	15.1	23.1	106.8	126.6	100.2	34.2	4.9	17.6	37.7	9.3	557.3
1964	101.0	84.3	14.4	26.3	114.6	127.4	96.9	34.6	3.3	13.4	70.6	65.5	752.3
1965	103.5	75.1	19.6	21.6	97.3	127.4	112.7	13.4	5.9	11.9	37.7	16.5	642.5
1966	77.3	91.6	19.7	21.1	121.1	127.5	111.6	26.6	4.1	15.3	59.1	58.9	733.7
1967	106.8	77.9	18.1	30.4	108.7	126.8	112.7	34.8	5.8	14.2	73.2	34.0	743.5
1968	102.3	91.7	19.9	24.4	120.8	126.4	112.0	35.4	4.0	15.6	74.6	78.4	805.4
1969	101.9	85.6	20.4	24.3	118.9	127.5	112.4	26.1	5.5	11.9	79.5	9.3	723.3
1970	95.2	74.8	17.8	26.4	96.2	126.8	112.3	28.1	5.2	14.8	39.1	58.3	695.1
1971	53.2	72.0	21.1	21.3	115.4	126.9	117.4	17.4	4.1	15.2	83.0	9.3	651.5
1972	106.9	91.7	21.4	25.2	81.3	126.1	109.8	35.3	4.3	11.9	75.0	62.6	751.3
1973	107.1	91.6	19.0	28.5	114.8	126.8	86.3	29.8	4.5	18.7	81.5	12.8	721.6
1974	107.1	82.5	20.5	19.4	110.3	127.2	112.3	34.5	5.2	20.1	95.5	42.0	776.8
1975	97.9	91.6	17.3	25.8	84.2	125.7	105.3	34.5	4.5	17.9	62.9	89.1	756.7
1976	107.0	91.7	12.3	25.2	121.9	127.5	112.5	35.0	6.1	11.9	37.7	79.3	768.1
1977	106.8	83.5	21.1	25.8	68.2	126.9	110.7	34.3	5.2	11.9	62.7	60.6	717.7
1978	105.0	91.6	18.3	26.4	105.5	127.4	91.9	35.3	5.6	16.9	37.7	41.5	703.0
1979	106.7	91.3	21.2	24.7	119.4	127.5	110.7	30.5	2.5	11.9	47.4	53.8	747.6
1980	107.2	91.7	16.1	23.1	99.2	125.3	112.4	35.4	3.6	15.9	51.6	83.0	764.5
1981	99.8	91.3	19.4	24.6	107.1	126.1	99.3	26.4	2.5	17.3	77.5	84.8	776.2
1982	107.2	91.7	19.3	26.1	104.4	125.9	112.8	35.4	5.8	12.7	67.4	66.4	775.1
1983	107.0	91.7	21.4	29.6	73.2	126.5	110.9	32.6	5.0	17.3	85.6	9.3	710.1
1984	9.5	9.4	15.7	25.2	120.3	127.5	101.7	35.4	1.1	19.0	51.7	91.5	608.0
1985	73.7	79.9	17.9	29.1	85.1	126.4	110.9	28.9	3.2	20.6	38.7	61.5	675.8
1986	52.9	91.4	14.0	25.9	97.6	127.5	111.8	34.6	5.9	15.1	84.3	78.7	739.6
MEAN	83.1	82.7	18.3	24.3	102.5	125.8	106.1	31.6	4.6	15.5	63.4	54.4	712.3

Table F.3.17 (30/49) IRRIGATION WATER DEMAND AT MALWATU OYA (I)
(Improved Condition, Irrigation Area: 13,500 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	33.6	44.5	9.0	12.1	52.5	63.7	52.3	13.9	3.3	7.1	29.6	25.4	347.0
1950	50.7	39.2	8.6	15.1	55.7	63.1	56.4	17.0	2.7	9.3	32.9	28.3	378.9
1951	15.3	38.1	9.6	11.6	42.9	63.7	54.5	16.8	0.0	8.3	21.2	45.2	327.0
1952	28.0	44.6	9.2	11.0	60.4	63.7	51.5	17.7	2.3	8.4	42.5	37.8	377.2
1953	45.9	43.4	9.6	8.0	61.0	63.7	46.5	16.9	2.4	5.9	40.7	23.9	361.8
1954	33.5	45.8	4.0	9.4	54.2	63.7	51.2	14.1	3.2	7.9	41.7	4.7	333.3
1955	34.1	44.8	7.8	8.0	48.3	63.7	51.8	9.9	0.7	8.9	37.9	45.2	361.0
1956	47.9	44.8	10.0	14.4	60.7	58.9	55.7	17.2	3.3	9.6	31.6	34.0	388.1
1957	49.3	37.5	10.6	12.1	35.9	63.0	53.9	17.7	2.7	6.0	18.9	4.7	312.3
1958	47.6	44.5	7.1	12.6	48.9	63.5	56.3	14.9	3.2	8.4	35.1	42.1	384.1
1959	37.3	45.7	10.4	9.1	37.1	55.1	55.7	17.7	1.9	8.1	18.9	23.4	320.3
1960	45.1	29.4	10.6	12.7	54.9	63.4	34.3	17.3	2.9	8.0	21.4	43.5	343.6
1961	10.3	34.2	10.1	12.7	54.1	56.4	55.3	17.4	3.0	7.3	33.5	21.7	316.1
1962	22.8	42.0	10.0	11.6	35.7	63.4	56.1	17.2	2.3	5.9	42.9	25.3	335.3
1963	5.5	35.4	7.5	11.6	53.4	63.3	50.1	17.1	2.4	8.8	18.9	4.7	278.7
1964	50.5	42.1	7.2	13.1	57.3	63.7	48.5	17.3	1.7	6.7	35.3	32.7	376.2
1965	51.7	37.5	9.8	10.8	48.6	63.7	56.3	6.7	3.0	5.9	18.9	8.3	321.3
1966	38.7	45.8	9.8	10.5	60.6	63.7	55.8	13.3	2.1	7.6	29.5	29.5	366.9
1967	53.4	39.0	9.1	15.2	54.4	63.4	56.3	17.4	2.9	7.1	36.6	17.0	371.8
1968	51.1	45.8	10.0	12.2	60.4	63.2	56.0	17.7	2.0	7.8	37.3	39.2	402.7
1969	51.0	42.8	10.2	12.2	59.4	63.7	56.2	13.1	2.8	5.9	39.8	4.7	361.7
1970	47.6	37.4	8.9	13.2	46.1	63.4	56.2	14.1	2.6	7.4	19.5	29.2	347.6
1971	26.6	36.0	10.6	10.6	57.7	63.5	56.3	8.7	2.0	7.6	41.5	4.7	325.7
1972	53.4	45.8	10.7	12.6	40.6	63.0	54.9	17.7	2.2	5.9	37.5	31.3	375.7
1973	53.6	45.8	9.5	14.2	57.4	63.4	43.1	14.9	2.2	9.4	40.8	6.4	360.8
1974	53.5	41.3	10.3	9.7	55.1	63.6	56.2	17.2	2.6	10.0	47.8	21.0	388.4
1975	49.0	45.8	8.6	12.9	42.1	62.8	52.6	17.2	2.3	9.0	31.4	44.5	378.3
1976	53.5	45.8	6.1	12.6	61.0	63.7	56.3	17.5	3.0	6.0	18.9	39.7	384.1
1977	53.4	41.8	10.6	12.9	34.1	63.5	55.4	17.2	2.6	5.9	31.3	30.3	358.8
1978	52.5	45.8	9.2	13.2	52.8	63.7	45.9	17.7	2.8	8.4	18.9	20.7	351.5
1979	53.3	45.7	10.6	12.4	59.7	63.7	55.4	15.3	1.3	5.9	23.7	26.9	373.8
1980	53.6	45.8	8.1	11.6	49.6	62.7	56.2	17.7	1.8	7.9	25.8	41.5	382.2
1981	49.9	45.7	9.7	12.3	53.6	63.0	49.7	13.2	1.2	8.6	38.8	42.4	388.1
1982	53.6	45.8	9.7	13.0	52.2	62.9	56.4	17.7	2.9	6.4	33.7	33.2	387.5
1983	53.5	45.8	10.7	14.8	36.6	63.3	55.5	16.3	2.5	8.6	42.8	4.7	355.0
1984	4.7	4.7	7.9	12.6	60.1	63.7	50.9	17.7	0.6	9.5	25.9	45.8	304.0
1985	36.8	40.0	8.9	14.5	42.5	63.2	55.5	14.5	1.6	10.3	19.3	30.7	337.9
1986	26.5	45.7	7.0	13.0	48.8	63.7	55.9	17.3	2.9	7.5	42.1	39.4	369.8
MEAN	41.5	41.4	9.1	12.2	51.3	62.9	53.1	15.8	2.3	7.7	31.7	27.2	356.2

Table F.3.17 (31/49) IRRIGATION WATER DEMAND AT PAVAT KULAM (I)
(Improved Condition, Irrigation Area: 1,800 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	4.5	5.9	1.2	1.6	7.0	8.5	7.0	1.9	0.4	0.9	4.0	3.4	46.3
1950	6.8	5.2	1.1	2.0	7.4	8.4	7.5	2.3	0.4	1.2	4.4	3.8	50.5
1951	2.0	5.1	1.3	1.5	5.7	8.5	7.3	2.2	0.0	1.1	2.8	6.0	43.6
1952	3.7	5.9	1.2	1.5	8.1	8.5	6.9	2.4	0.3	1.1	5.7	5.0	50.3
1953	6.1	5.8	1.3	1.1	8.1	8.5	5.4	2.3	0.3	0.8	5.4	3.2	48.2
1954	4.5	6.1	0.5	1.2	7.2	8.5	6.8	1.9	0.4	1.1	5.6	0.6	44.4
1955	4.5	6.0	1.0	1.1	6.4	8.5	6.9	1.3	0.1	1.2	5.0	6.0	48.1
1956	6.4	6.0	1.3	1.9	8.1	7.8	7.4	2.3	0.4	1.3	4.2	4.5	51.7
1957	6.6	5.0	1.4	1.6	4.8	8.4	7.2	2.4	0.4	0.8	2.5	0.6	41.6
1958	6.3	5.9	0.9	1.7	6.5	8.5	7.5	2.0	0.4	1.1	4.7	5.6	51.2
1959	5.0	6.1	1.4	1.2	4.9	7.3	7.4	2.4	0.3	1.1	2.5	3.1	42.7
1960	6.0	3.9	1.4	1.7	7.3	8.5	4.6	2.3	0.4	1.1	2.9	5.8	45.8
1961	1.4	4.6	1.3	1.7	7.2	7.5	7.4	2.3	0.4	1.0	4.5	2.9	42.1
1962	3.0	5.6	1.3	1.6	4.8	8.5	7.5	2.3	0.3	0.8	5.7	3.4	44.7
1963	0.7	4.7	1.0	1.5	7.1	8.4	6.7	2.3	0.3	1.2	2.5	0.6	37.2
1964	6.7	5.6	1.0	1.8	7.6	8.5	6.5	2.3	0.2	0.9	4.7	4.4	50.2
1965	6.9	5.0	1.3	1.4	6.5	8.5	7.5	0.9	0.4	0.8	2.5	1.1	42.8
1966	5.2	6.1	1.3	1.4	8.1	8.5	7.4	1.8	0.3	1.0	3.9	3.9	48.9
1967	7.1	5.2	1.2	2.0	7.2	8.5	7.5	2.3	0.4	0.9	4.9	2.3	49.6
1968	6.8	6.1	1.3	1.6	8.1	8.4	7.5	2.4	0.3	1.0	5.0	5.2	53.7
1969	6.8	5.7	1.4	1.6	7.9	8.5	7.5	1.7	0.4	0.8	5.3	0.6	48.2
1970	6.3	5.0	1.2	1.8	6.4	8.5	7.5	1.9	0.3	1.0	2.6	3.9	46.3
1971	3.5	4.8	1.4	1.4	7.7	8.5	7.5	1.2	0.3	1.0	5.5	0.6	43.4
1972	7.1	6.1	1.4	1.7	5.4	8.4	7.3	2.4	0.3	0.8	5.0	4.2	50.1
1973	7.1	6.1	1.3	1.9	7.7	8.5	5.8	2.0	0.3	1.2	5.4	0.9	48.1
1974	7.1	5.5	1.4	1.3	7.4	8.5	7.5	2.3	0.3	1.3	6.4	2.8	51.8
1975	6.5	6.1	1.2	1.7	5.6	8.4	7.0	2.3	0.3	1.2	4.2	5.9	50.4
1976	7.1	6.1	0.8	1.7	8.1	8.5	7.5	2.3	0.4	0.8	2.5	5.3	51.2
1977	7.1	5.6	1.4	1.7	4.5	8.5	7.4	2.3	0.3	0.8	4.2	4.0	47.8
1978	7.0	6.1	1.2	1.8	7.0	8.5	6.1	2.4	0.4	1.1	2.5	2.8	46.9
1979	7.1	6.1	1.4	1.6	8.0	8.5	7.4	2.0	0.2	0.8	3.2	3.6	49.8
1980	7.1	6.1	1.1	1.5	6.6	8.4	7.5	2.4	0.2	1.1	3.4	5.5	51.0
1981	6.7	6.1	1.3	1.6	7.1	8.4	6.6	1.8	0.2	1.2	5.2	5.7	51.7
1982	7.1	6.1	1.3	1.7	7.0	8.4	7.5	2.4	0.4	0.8	4.5	4.4	51.7
1983	7.1	6.1	1.4	2.0	4.9	8.4	7.4	2.2	0.3	1.2	5.7	0.6	47.3
1984	0.6	0.6	1.0	1.7	8.0	8.5	6.8	2.4	0.1	1.3	3.4	6.1	40.5
1985	4.9	5.3	1.2	1.9	5.7	8.4	7.4	1.9	0.2	1.4	2.6	4.1	45.1
1986	3.5	6.1	0.9	1.7	6.5	8.5	7.5	2.3	0.4	1.0	5.6	5.2	49.3
MEAN	5.5	5.5	1.2	1.6	6.8	8.4	7.1	2.1	0.3	1.0	4.2	3.6	47.5

Table F.3.17 (32/49) IRRIGATION WATER DEMAND AT IRATPERIYA (I)
(Improved Condition, Irrigation Area: 200 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	0.5	0.7	0.1	0.2	0.8	0.9	0.8	0.2	0.0	0.1	0.4	0.4	5.1
1950	0.8	0.6	0.1	0.2	0.8	0.9	0.8	0.3	0.0	0.1	0.5	0.4	5.6
1951	0.2	0.6	0.1	0.2	0.6	0.9	0.8	0.2	0.0	0.1	0.3	0.7	4.8
1952	0.4	0.7	0.1	0.2	0.9	0.9	0.8	0.3	0.0	0.1	0.6	0.6	5.6
1953	0.7	0.6	0.1	0.1	0.9	0.9	0.6	0.3	0.0	0.1	0.6	0.4	5.4
1954	0.5	0.7	0.1	0.1	0.8	0.9	0.8	0.2	0.0	0.1	0.6	0.1	4.9
1955	0.5	0.7	0.1	0.1	0.7	0.9	0.8	0.1	0.0	0.1	0.6	0.7	5.3
1956	0.7	0.7	0.1	0.2	0.9	0.9	0.8	0.3	0.0	0.1	0.5	0.5	5.7
1957	0.7	0.6	0.2	0.2	0.5	0.9	0.8	0.3	0.0	0.1	0.3	0.1	4.6
1958	0.7	0.7	0.1	0.2	0.7	0.9	0.8	0.2	0.0	0.1	0.5	0.6	5.7
1959	0.6	0.7	0.2	0.1	0.5	0.8	0.8	0.3	0.0	0.1	0.3	0.3	4.7
1960	0.7	0.4	0.2	0.2	0.8	0.9	0.5	0.3	0.0	0.1	0.3	0.6	5.1
1961	0.2	0.5	0.1	0.2	0.8	0.8	0.8	0.3	0.0	0.1	0.5	0.3	4.7
1962	0.3	0.6	0.1	0.2	0.5	0.9	0.8	0.3	0.0	0.1	0.6	0.4	5.0
1963	0.1	0.5	0.1	0.2	0.8	0.9	0.7	0.3	0.0	0.1	0.3	0.1	4.1
1964	0.7	0.6	0.1	0.2	0.8	0.9	0.7	0.3	0.0	0.1	0.5	0.5	5.6
1965	0.8	0.6	0.1	0.2	0.7	0.9	0.8	0.1	0.0	0.1	0.3	0.1	4.8
1966	0.6	0.7	0.1	0.2	0.9	0.9	0.8	0.2	0.0	0.1	0.4	0.4	5.4
1967	0.8	0.6	0.1	0.2	0.8	0.9	0.8	0.3	0.0	0.1	0.5	0.3	5.5
1968	0.8	0.7	0.1	0.2	0.9	0.9	0.8	0.3	0.0	0.1	0.6	0.6	6.0
1969	0.8	0.6	0.2	0.2	0.9	0.9	0.8	0.2	0.0	0.1	0.6	0.1	5.4
1970	0.7	0.6	0.1	0.2	0.7	0.9	0.8	0.2	0.0	0.1	0.3	0.4	5.1
1971	0.4	0.5	0.2	0.2	0.9	0.9	0.8	0.1	0.0	0.1	0.6	0.1	4.8
1972	0.8	0.7	0.2	0.2	0.6	0.9	0.8	0.3	0.0	0.1	0.6	0.5	5.6
1973	0.8	0.7	0.1	0.2	0.9	0.9	0.6	0.2	0.0	0.1	0.6	0.1	5.3
1974	0.8	0.6	0.2	0.1	0.8	0.9	0.8	0.3	0.0	0.1	0.7	0.3	5.8
1975	0.7	0.7	0.1	0.2	0.6	0.9	0.8	0.3	0.0	0.1	0.5	0.7	5.6
1976	0.8	0.7	0.1	0.2	0.9	0.9	0.8	0.3	0.0	0.1	0.3	0.6	5.7
1977	0.8	0.6	0.2	0.2	0.5	0.9	0.8	0.3	0.0	0.1	0.5	0.4	5.3
1978	0.8	0.7	0.1	0.2	0.8	0.9	0.7	0.3	0.0	0.1	0.3	0.3	5.2
1979	0.8	0.7	0.2	0.2	0.9	0.9	0.8	0.2	0.0	0.1	0.4	0.4	5.5
1980	0.8	0.7	0.1	0.2	0.7	0.9	0.8	0.3	0.0	0.1	0.4	0.6	5.7
1981	0.7	0.7	0.1	0.2	0.8	0.9	0.7	0.2	0.0	0.1	0.6	0.6	5.7
1982	0.8	0.7	0.1	0.2	0.8	0.9	0.8	0.3	0.0	0.1	0.5	0.5	5.7
1983	0.8	0.7	0.2	0.2	0.5	0.9	0.8	0.2	0.0	0.1	0.6	0.1	5.3
1984	0.1	0.1	0.1	0.2	0.9	0.9	0.8	0.3	0.0	0.1	0.4	0.7	4.5
1985	0.5	0.6	0.1	0.2	0.6	0.9	0.8	0.2	0.0	0.2	0.3	0.5	5.0
1986	0.4	0.7	0.1	0.2	0.7	0.9	0.8	0.3	0.0	0.1	0.6	0.6	5.5
MEAN	0.6	0.6	0.1	0.2	0.8	0.9	0.8	0.2	0.0	0.1	0.5	0.4	5.3

Table F.3.17 (33/49) IRRIGATION WATER DEMAND AT PALI ARU (J)
(Improved Condition, Irrigation Area: 9,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	17.2	26.2	4.4	0.3	20.6	43.3	39.5	16.6	1.3	3.8	17.4	2.0	192.6
1950	24.7	22.2	4.4	0.3	23.8	43.3	44.5	20.9	1.6	4.0	16.6	16.8	223.0
1951	8.4	15.2	4.0	0.3	26.2	43.3	43.2	19.3	0.0	4.2	9.9	12.8	186.8
1952	7.5	25.7	4.4	0.3	21.4	43.3	37.6	20.4	1.0	4.7	16.3	4.9	187.4
1953	27.3	25.1	4.4	0.3	27.5	43.3	42.5	19.1	1.5	3.7	17.9	13.3	225.9
1954	6.8	24.6	2.7	0.3	26.4	43.3	44.6	17.8	1.7	3.8	20.8	2.0	194.6
1955	9.5	22.8	4.4	0.3	25.2	43.3	44.2	14.9	0.0	3.6	19.8	17.8	205.6
1956	28.7	25.4	4.3	0.3	27.7	36.5	41.4	21.0	1.4	4.1	14.7	9.6	215.3
1957	32.2	23.2	4.4	0.3	18.6	43.3	37.8	23.7	1.4	2.9	9.9	2.0	199.6
1958	25.8	25.8	3.4	0.3	18.1	43.3	44.6	23.0	1.2	3.5	16.9	17.8	223.6
1959	25.0	26.2	4.4	0.3	24.1	19.7	44.6	19.0	1.4	3.2	9.9	10.1	187.8
1960	29.8	14.3	4.4	0.3	23.5	43.3	25.4	24.2	1.7	4.8	9.9	23.1	204.5
1961	2.1	25.6	4.0	0.3	23.7	43.3	44.3	22.9	1.0	4.4	9.9	3.8	185.2
1962	25.9	22.2	4.0	0.3	15.6	43.3	44.2	17.9	1.4	3.6	19.2	12.3	209.8
1963	2.3	17.5	2.8	0.3	26.2	43.3	39.7	22.6	0.5	3.7	9.9	2.0	170.7
1964	24.9	26.2	4.1	0.3	26.8	43.3	28.4	20.6	1.5	3.7	26.9	18.5	225.3
1965	31.8	14.7	4.3	0.3	23.6	41.7	44.6	10.5	1.7	2.9	14.6	4.7	195.2
1966	26.5	26.2	3.4	0.3	24.4	42.5	44.6	14.9	0.9	2.9	12.7	10.5	209.7
1967	32.7	26.0	4.1	0.3	27.0	39.2	37.5	16.6	1.3	2.9	9.9	2.0	199.4
1968	33.1	8.4	3.1	0.3	20.1	43.3	44.6	23.7	1.3	4.2	19.3	15.0	216.5
1969	29.6	14.3	4.2	0.3	24.2	43.3	44.6	14.4	1.0	2.9	17.1	2.0	197.9
1970	31.4	21.5	4.4	0.3	26.5	42.4	44.6	20.6	1.2	4.6	9.9	11.3	218.6
1971	16.0	26.2	4.0	0.3	20.3	42.9	38.4	12.5	0.8	3.8	23.6	2.0	190.7
1972	32.6	26.2	4.4	0.3	23.9	43.3	44.6	24.5	0.7	3.9	23.0	2.0	229.3
1973	33.1	24.6	4.4	0.3	22.9	43.3	26.1	22.3	0.7	3.5	18.7	2.0	201.9
1974	33.1	24.5	4.4	0.3	25.6	43.3	42.9	18.6	0.3	4.9	24.3	9.2	231.3
1975	32.6	26.2	3.9	0.3	18.5	42.5	24.7	21.4	1.3	4.3	9.9	9.7	195.2
1976	33.3	26.2	4.4	0.3	27.4	43.3	43.4	19.3	1.9	4.8	9.9	2.0	216.1
1977	33.4	26.2	4.4	0.3	21.6	43.1	38.0	18.1	1.0	2.9	9.9	20.8	219.6
1978	33.4	26.2	2.7	0.3	23.1	43.3	34.0	24.5	1.9	3.8	16.6	2.0	211.7
1979	32.6	25.9	4.4	0.3	25.5	43.3	41.9	24.0	0.0	2.9	9.9	10.0	220.6
1980	33.3	26.2	3.3	0.3	27.5	43.3	44.6	24.5	1.6	4.1	15.4	27.9	252.2
1981	33.3	26.2	4.4	0.4	25.9	43.3	43.0	22.9	0.2	3.8	9.9	19.1	232.3
1982	33.4	26.2	4.4	0.3	23.5	43.3	40.3	24.5	1.1	4.0	9.9	2.9	213.7
1983	33.4	26.2	4.4	0.4	27.7	36.9	42.2	24.5	1.9	5.2	14.3	2.0	218.9
1984	9.6	3.5	4.4	0.3	27.3	43.3	44.6	24.5	0.7	4.6	12.8	20.9	196.5
1985	27.6	26.2	4.4	0.3	23.1	43.3	36.8	24.5	0.7	4.8	9.9	8.3	209.8
1986	18.2	25.2	4.4	0.4	27.7	43.3	39.9	24.5	1.6	4.0	21.7	14.3	225.2
MEAN	25.1	22.9	4.0	0.3	24.0	42.1	40.3	20.5	1.1	3.9	15.0	9.7	208.9

Table F.3.17 (34/49) IRRIGATION WATER DEMAND AT VAVUNIKULAM (J)
(Improved Condition, Irrigation Area: 2,800 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	5.3	8.2	1.4	0.1	6.4	13.5	12.3	5.2	0.4	1.2	5.4	0.6	59.9
1950	7.7	6.9	1.4	0.1	7.4	13.5	13.8	6.5	0.5	1.2	5.2	5.2	69.4
1951	2.6	4.7	1.2	0.1	8.2	13.5	13.4	6.0	0.0	1.3	3.1	4.0	58.1
1952	2.3	8.0	1.4	0.1	6.7	13.5	11.7	6.3	0.3	1.4	5.1	1.5	58.3
1953	8.5	7.8	1.4	0.1	8.6	13.5	13.2	5.9	0.5	1.1	5.6	4.1	70.3
1954	2.1	7.7	0.8	0.1	8.2	13.5	13.9	5.5	0.5	1.2	6.5	0.6	60.5
1955	2.9	7.1	1.4	0.1	7.8	13.5	13.7	4.6	0.0	1.1	6.1	5.5	64.0
1956	8.9	7.9	1.3	0.1	8.6	11.4	12.9	6.5	0.4	1.3	4.6	3.0	67.0
1957	10.0	7.2	1.4	0.1	5.8	13.5	11.7	7.4	0.4	0.9	3.1	0.6	62.1
1958	8.0	8.0	1.1	0.1	5.6	13.5	13.9	7.2	0.4	1.1	5.3	5.5	68.6
1959	7.8	8.2	1.4	0.1	7.5	6.1	13.9	5.9	0.4	1.0	3.1	3.1	58.4
1960	9.3	4.5	1.4	0.1	7.3	13.5	7.9	7.5	0.5	1.5	3.1	7.2	63.6
1961	0.7	7.9	1.2	0.1	7.4	13.5	13.8	7.1	0.3	1.4	3.1	1.2	57.6
1962	8.1	6.9	1.2	0.1	4.8	13.5	13.8	5.6	0.4	1.1	6.0	3.8	65.3
1963	0.7	5.4	0.9	0.1	8.2	13.4	12.4	7.0	0.2	1.2	3.1	0.6	53.1
1964	7.8	8.2	1.3	0.1	6.3	13.5	8.8	6.4	0.5	1.2	8.4	5.7	70.1
1965	9.9	4.6	1.3	0.1	7.3	13.0	13.9	3.3	0.5	0.9	4.5	1.5	60.7
1966	8.3	8.2	1.1	0.1	7.6	13.2	13.9	4.6	0.3	0.9	4.0	3.3	65.2
1967	10.2	8.1	1.3	0.1	8.4	12.2	11.7	5.2	0.4	0.9	3.1	0.6	62.0
1968	10.3	2.6	1.0	0.1	6.3	13.5	13.9	7.4	0.4	1.3	6.0	4.7	67.3
1969	9.2	4.4	1.3	0.1	7.5	13.5	13.9	4.5	0.3	0.9	5.3	0.6	61.6
1970	9.8	6.7	1.4	0.1	8.2	13.2	13.9	6.4	0.4	1.4	3.1	3.5	68.0
1971	5.0	8.2	1.3	0.1	6.3	13.3	11.9	3.9	0.2	1.2	7.3	0.6	59.3
1972	10.1	8.2	1.4	0.1	7.4	13.5	13.9	7.6	0.2	1.2	7.1	0.6	71.3
1973	10.3	7.7	1.4	0.1	7.1	13.5	8.1	6.9	0.2	1.1	5.8	0.6	62.8
1974	10.3	7.6	1.4	0.1	8.0	13.5	13.3	5.8	0.1	1.5	7.6	2.9	72.0
1975	10.1	8.2	1.2	0.1	5.8	13.2	7.7	6.7	0.4	1.3	3.1	3.0	60.7
1976	10.4	8.2	1.4	0.1	8.5	13.5	13.5	6.0	0.6	1.5	3.1	0.6	67.2
1977	10.4	8.2	1.4	0.1	6.7	13.4	11.8	5.6	0.5	0.9	3.1	6.5	68.3
1978	10.4	8.2	0.9	0.1	7.2	13.5	10.6	7.6	0.6	1.2	5.2	0.6	65.9
1979	10.1	8.1	1.4	0.1	7.9	13.5	13.0	7.5	0.0	0.9	3.1	3.1	68.6
1980	10.4	8.2	1.0	0.1	8.6	13.5	13.9	7.6	0.5	1.3	4.8	8.7	78.4
1981	10.4	8.1	1.4	0.1	8.1	13.5	13.4	7.1	0.1	1.2	3.1	5.9	72.3
1982	10.4	8.2	1.4	0.1	7.3	13.5	12.5	7.6	0.3	1.2	3.1	0.9	66.5
1983	10.4	8.2	1.4	0.1	8.6	11.5	13.1	7.6	0.6	1.6	4.5	0.6	68.1
1984	3.0	1.1	1.4	0.1	8.5	13.5	13.9	7.6	0.2	1.4	4.0	6.5	61.1
1985	8.6	8.2	1.4	0.1	7.2	13.5	11.4	7.6	0.2	1.5	3.1	2.6	65.3
1986	5.7	7.8	1.4	0.1	8.6	13.5	12.4	7.6	0.5	1.2	6.8	4.4	70.1
MEAN	7.8	7.1	1.3	0.1	7.5	13.1	12.5	6.4	0.3	1.2	4.7	3.0	65.0

Table F.3.17 (35/49) IRRIGATION WATER DEMAND AT PARANGI ARU (J)
(Improved Condition, Irrigation Area: 10,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	19.1	29.1	4.8	0.3	22.9	48.1	43.8	18.5	1.5	4.3	19.3	2.2	214.0
1950	27.4	24.6	4.8	0.4	26.5	48.1	49.4	23.2	1.7	4.4	18.4	18.7	247.8
1951	9.4	16.9	4.4	0.3	29.1	48.1	48.0	21.4	0.0	4.7	11.0	14.2	207.5
1952	8.3	28.5	4.8	0.3	23.8	48.1	41.8	22.7	1.1	5.2	18.2	5.4	208.2
1953	30.4	27.9	4.8	0.3	30.6	48.1	47.3	21.2	1.6	4.1	19.9	14.8	251.0
1954	7.5	27.3	3.0	0.3	29.4	48.1	49.5	19.7	1.8	4.2	23.1	2.2	216.2
1955	10.5	25.3	4.8	0.3	28.0	48.1	49.1	16.5	0.0	4.0	22.0	19.8	228.4
1956	31.9	28.3	4.8	0.4	30.7	40.6	46.0	23.3	1.6	4.6	16.4	10.6	239.2
1957	35.8	25.8	4.8	0.3	20.7	48.1	41.9	26.3	1.6	3.2	11.0	2.2	221.8
1958	28.7	28.7	3.8	0.3	20.1	48.1	49.5	25.6	1.3	3.8	18.8	19.8	248.5
1959	27.8	29.1	4.8	0.3	26.8	21.9	49.5	21.2	1.5	3.5	11.0	11.2	208.7
1960	33.1	15.9	4.8	0.3	26.2	48.1	28.2	26.8	1.8	5.3	11.0	25.6	227.2
1961	2.3	28.4	4.4	0.4	26.4	48.1	49.2	25.4	1.1	4.8	11.0	4.2	205.7
1962	28.8	24.6	4.4	0.3	17.3	48.1	49.2	19.9	1.5	4.0	21.3	13.7	233.2
1963	2.6	19.4	3.1	0.4	29.1	48.0	44.1	25.1	0.5	4.1	11.0	2.2	189.7
1964	27.7	29.1	4.6	0.4	29.8	48.1	31.5	22.9	1.7	4.1	29.9	20.5	250.3
1965	35.3	16.3	4.8	0.3	26.2	46.3	49.5	11.6	1.9	3.2	16.2	5.2	216.9
1966	29.5	29.1	3.8	0.3	27.1	47.2	49.5	16.5	1.0	3.2	14.1	11.6	233.0
1967	36.3	28.9	4.6	0.3	30.0	43.5	41.7	18.4	1.5	3.2	11.0	2.2	221.6
1968	36.8	9.4	3.4	0.3	22.3	48.1	49.5	26.3	1.5	4.7	21.5	16.7	240.5
1969	32.9	15.9	4.6	0.3	26.9	48.1	49.5	16.0	1.1	3.2	19.0	2.2	219.8
1970	34.9	23.9	4.8	0.3	29.4	47.1	49.5	22.9	1.4	5.1	11.0	12.5	242.9
1971	17.8	29.1	4.5	0.3	22.6	47.6	42.6	13.9	0.9	4.2	26.2	2.2	211.9
1972	36.2	29.1	4.8	0.3	26.5	48.1	49.5	27.3	0.8	4.3	25.5	2.2	254.8
1973	36.8	27.3	4.8	0.3	25.5	48.1	29.0	24.8	0.8	3.9	20.8	2.2	224.4
1974	36.7	27.2	4.8	0.3	28.4	48.1	47.7	20.7	0.3	5.5	27.0	10.3	257.0
1975	36.2	29.1	4.3	0.3	20.6	47.3	27.4	23.8	1.5	4.7	11.0	10.8	216.9
1976	37.0	29.1	4.8	0.3	30.5	48.1	48.3	21.4	2.1	5.4	11.0	2.2	240.1
1977	37.1	29.1	4.8	0.3	24.0	47.9	42.2	20.1	1.2	3.2	11.0	23.1	244.0
1978	37.1	29.1	3.0	0.3	25.6	48.1	37.8	27.3	2.1	4.2	18.5	2.2	235.2
1979	36.2	28.8	4.8	0.4	28.3	48.1	46.6	26.7	0.0	3.2	11.0	11.1	245.1
1980	37.0	29.1	3.7	0.4	30.6	48.1	49.5	27.3	1.8	4.6	17.1	31.0	280.2
1981	37.0	29.1	4.8	0.4	28.8	48.1	47.8	25.4	0.2	4.3	11.0	21.2	258.1
1982	37.1	29.1	4.8	0.3	26.2	48.1	44.8	27.3	1.2	4.5	11.0	3.2	237.4
1983	37.1	29.1	4.8	0.4	30.7	40.9	46.8	27.3	2.1	5.8	15.9	2.2	243.2
1984	10.7	3.9	4.8	0.3	30.3	48.1	49.5	27.3	0.8	5.1	14.3	23.2	218.3
1985	30.6	29.1	4.8	0.3	25.6	48.1	40.9	27.3	0.7	5.4	11.0	9.2	233.1
1986	20.2	28.0	4.8	0.4	30.7	48.1	44.4	27.3	1.8	4.4	24.1	15.9	250.2
MEAN	27.8	25.5	4.5	0.3	26.7	46.8	44.8	22.8	1.2	4.3	16.6	10.8	232.2

Table F.3.17 (36/49) IRRIGATION WATER DEMAND AT KANAGALAYAN (K)
(Improved Condition, Irrigation Area: 9,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	14.5	24.0	3.9	0.3	24.7	47.7	42.6	18.3	1.5	3.0	13.5	0.0	194.0
1950	22.1	19.9	3.9	0.4	27.9	47.7	47.7	22.6	1.7	3.1	12.7	13.7	223.4
1951	5.8	13.0	3.5	0.3	30.3	47.7	46.4	20.9	0.0	3.4	6.0	9.7	187.1
1952	4.9	23.4	3.9	0.3	25.4	47.7	40.8	22.1	1.1	3.8	12.5	1.9	187.9
1953	24.7	22.9	3.9	0.3	31.7	47.7	45.7	20.8	1.6	2.8	14.0	10.2	226.4
1954	4.2	22.4	2.2	0.3	30.5	47.7	47.8	19.4	1.8	2.9	16.9	0.0	196.2
1955	6.8	20.5	3.9	0.3	29.3	47.7	47.4	16.5	0.0	2.8	15.9	14.7	205.8
1956	26.1	23.2	3.9	0.4	31.8	40.9	44.6	22.7	1.6	3.3	10.9	6.5	215.8
1957	29.6	21.0	3.9	0.3	22.7	47.7	40.9	25.4	1.6	2.0	6.0	0.0	201.2
1958	23.2	23.6	2.9	0.3	22.1	47.7	47.8	24.7	1.3	2.6	13.1	14.7	224.1
1959	22.4	24.0	3.9	0.3	28.2	24.1	47.8	20.7	1.5	2.3	6.0	7.0	188.3
1960	27.1	12.1	3.9	0.3	27.6	47.7	28.5	25.9	1.8	3.9	6.0	20.0	204.9
1961	0.0	23.3	3.5	0.3	27.8	47.7	47.5	24.6	1.1	3.5	6.0	1.0	186.5
1962	23.3	19.9	3.5	0.3	19.6	47.7	47.5	19.6	1.5	2.8	15.3	9.2	210.2
1963	0.0	15.3	2.3	0.4	30.3	47.6	42.9	24.3	0.5	2.9	6.0	0.0	172.5
1964	22.3	24.0	3.6	0.4	30.9	47.7	31.5	22.3	1.7	2.9	23.1	15.4	225.7
1965	29.1	12.5	3.8	0.3	27.7	46.0	47.8	12.1	1.9	2.0	10.7	1.7	195.7
1966	23.9	24.0	2.9	0.3	28.5	46.9	47.8	16.5	0.9	2.0	8.9	7.4	210.1
1967	30.1	23.8	3.6	0.3	31.1	43.6	40.7	18.2	1.5	2.0	6.0	0.0	201.0
1968	30.5	6.3	2.6	0.3	24.2	47.7	47.8	25.4	1.5	3.4	15.5	11.9	217.0
1969	27.0	12.1	3.7	0.3	28.3	47.7	47.8	16.0	1.1	2.0	13.3	0.0	199.3
1970	28.8	19.2	3.9	0.3	30.6	46.8	47.8	22.3	1.4	3.8	6.0	8.2	219.1
1971	13.4	24.0	3.6	0.3	24.4	47.3	41.5	14.1	0.9	3.0	19.7	0.0	192.1
1972	30.0	24.0	3.9	0.3	28.0	47.7	47.8	26.3	0.8	3.1	19.1	0.0	230.9
1973	30.5	22.4	3.9	0.3	27.0	47.7	29.2	24.0	0.8	2.7	14.9	0.0	203.4
1974	30.5	22.3	3.9	0.3	29.7	47.7	46.1	20.3	0.3	4.1	20.4	6.2	231.7
1975	30.0	24.0	3.4	0.3	22.5	46.9	27.8	23.1	1.4	3.4	6.0	6.7	195.6
1976	30.7	24.0	3.9	0.3	31.5	47.7	46.6	20.9	2.0	4.0	6.0	0.0	217.8
1977	30.8	24.0	3.9	0.3	25.6	47.5	41.2	19.8	1.1	2.0	6.0	17.7	220.0
1978	30.8	24.0	2.3	0.3	27.1	47.7	37.2	26.3	2.0	2.9	12.8	0.0	213.4
1979	30.0	23.7	3.9	0.4	29.5	47.7	45.1	25.8	0.0	2.0	6.0	7.0	221.1
1980	30.7	24.0	2.9	0.4	31.7	47.7	47.8	26.3	1.8	3.3	11.5	24.8	252.8
1981	30.7	24.0	3.9	0.4	30.0	47.7	46.2	24.6	0.2	3.0	6.0	16.0	232.7
1982	30.8	24.0	3.9	0.3	27.6	47.7	43.5	26.3	1.2	3.2	6.0	0.5	214.9
1983	30.8	24.0	3.9	0.4	31.8	41.2	45.3	26.3	2.0	4.4	10.5	0.0	220.6
1984	7.0	1.6	3.9	0.3	31.4	47.7	47.8	26.3	0.8	3.8	9.0	17.8	197.3
1985	24.9	24.0	3.9	0.3	27.1	47.7	40.0	26.3	0.7	4.0	6.0	5.3	210.3
1986	15.5	23.0	3.9	0.4	31.8	47.7	43.1	26.3	1.8	3.2	17.8	11.2	225.7
MEAN	22.5	20.7	3.6	0.3	28.1	46.5	43.5	22.2	1.2	3.0	11.1	7.0	209.8

Table F.3.17 (37/49) IRRIGATION WATER DEMAND AT MUKUNUWEWA (L)
(Irrigation Area : 13,000 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	25.2	33.7	4.6	0.4	31.6	64.5	58.4	24.7	1.9	11.3	27.8	2.1	286.4
1950	35.9	28.3	4.6	0.5	36.2	64.5	65.8	30.9	2.2	11.7	26.5	23.9	330.9
1951	12.9	19.4	4.2	0.4	39.7	64.5	63.9	28.5	0.1	12.4	15.4	18.0	279.3
1952	11.6	32.9	4.6	0.4	32.7	64.5	55.8	30.2	1.4	13.7	26.2	6.7	280.6
1953	39.6	32.1	4.6	0.4	41.6	64.5	62.9	28.3	2.1	10.8	28.8	18.8	334.6
1954	10.6	31.5	2.9	0.4	40.0	64.5	65.9	26.4	2.3	11.2	33.5	2.1	291.1
1955	14.3	29.1	4.6	0.4	38.2	64.5	65.3	22.2	0.0	10.6	31.8	25.3	306.3
1956	41.6	32.6	4.6	0.5	41.8	54.7	61.3	31.0	2.0	12.2	23.5	13.4	319.1
1957	46.6	29.6	4.6	0.4	28.7	64.5	56.0	34.9	2.0	8.5	15.4	2.1	293.5
1958	37.5	33.1	3.6	0.4	27.9	64.5	65.9	34.0	1.7	10.2	27.1	25.3	331.1
1959	36.4	33.7	4.6	0.4	36.6	30.4	65.9	28.2	1.9	9.4	15.4	14.2	277.1
1960	43.1	18.3	4.6	0.4	35.8	64.5	38.1	35.6	2.3	14.0	15.4	32.9	305.1
1961	3.9	32.7	4.2	0.4	36.1	64.5	65.5	33.7	1.4	12.9	15.4	5.0	275.8
1962	37.7	28.3	4.2	0.4	24.4	64.5	65.4	26.6	1.9	10.6	30.9	17.4	312.1
1963	4.3	22.3	3.0	0.5	39.7	64.4	58.8	33.3	0.7	11.0	15.4	2.1	255.5
1964	36.2	33.7	4.4	0.5	40.6	64.5	42.4	30.5	2.1	11.0	43.2	26.2	335.1
1965	45.9	18.7	4.6	0.4	35.9	62.1	65.9	15.8	2.4	8.5	23.3	6.5	289.9
1966	38.5	33.7	3.6	0.4	37.1	63.3	65.9	22.2	1.2	8.5	20.1	14.7	309.2
1967	47.3	33.4	4.4	0.4	40.8	58.5	55.6	24.6	1.9	8.5	15.4	2.1	293.0
1968	47.9	11.2	3.3	0.4	30.8	64.5	65.9	34.9	1.9	12.5	31.1	21.2	325.6
1969	42.9	18.2	4.4	0.4	36.8	64.5	65.9	21.5	1.4	8.5	27.5	2.1	294.1
1970	45.4	27.4	4.6	0.4	40.1	63.2	65.9	30.5	1.7	13.5	15.4	15.9	324.1
1971	23.6	33.7	4.3	0.4	31.1	63.9	56.9	18.7	1.1	11.2	37.9	2.1	284.9
1972	47.2	33.7	4.6	0.4	36.3	64.5	65.9	36.2	1.0	11.5	36.9	2.1	340.3
1973	47.9	31.5	4.6	0.4	34.9	64.5	39.1	32.9	1.0	10.3	30.1	2.1	299.5
1974	47.8	31.3	4.6	0.4	38.8	64.5	63.4	27.6	0.4	14.5	39.0	12.9	345.3
1975	47.1	33.7	4.1	0.4	28.5	63.4	37.0	31.6	1.8	12.6	15.4	13.6	289.4
1976	48.2	33.7	4.6	0.4	41.4	64.5	64.2	28.5	2.6	14.2	15.4	2.1	319.9
1977	48.3	33.7	4.6	0.4	33.0	64.2	56.3	26.9	1.5	8.5	15.4	29.6	322.4
1978	48.3	33.7	2.9	0.4	35.1	64.5	50.5	36.2	2.6	11.2	26.6	2.1	314.1
1979	47.1	33.2	4.6	0.5	38.6	64.5	62.0	35.4	0.0	8.5	15.4	14.1	324.0
1980	48.2	33.7	3.6	0.5	41.6	64.5	65.9	36.2	2.3	12.2	24.6	39.9	373.0
1981	48.2	33.6	4.6	0.5	39.3	64.5	63.6	33.7	0.3	11.3	15.4	27.1	342.2
1982	48.3	33.7	4.6	0.4	35.8	64.5	59.7	36.2	1.5	11.8	15.4	3.5	315.4
1983	48.3	33.7	4.6	0.5	41.8	55.2	62.4	36.2	2.6	15.3	22.8	2.1	325.4
1984	14.5	5.3	4.6	0.4	41.2	64.5	65.9	36.2	1.0	13.6	20.4	29.8	297.2
1985	40.0	33.7	4.6	0.4	35.1	64.5	54.6	36.2	0.9	14.3	15.4	11.6	311.3
1986	26.6	32.3	4.6	0.5	41.8	64.5	59.2	36.2	2.3	11.8	34.9	20.2	334.9
MEAN	36.4	29.4	4.3	0.4	36.5	62.8	59.7	30.4	1.6	11.4	23.8	13.5	310.2

Table F.3.17 (38/49) IRRIGATION WATER DEMAND AT PADAWIYA (L)
(Improved Condition, Irrigation Area: 5,600 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	10.8	14.5	2.0	0.2	13.6	27.8	25.2	10.7	0.8	4.9	12.0	0.9	123.4
1950	15.4	12.2	2.0	0.2	15.6	27.8	28.3	13.3	0.9	5.0	11.4	10.3	142.6
1951	5.5	8.3	1.8	0.2	17.1	27.8	27.5	12.3	0.0	5.3	6.6	7.8	120.3
1952	5.0	14.2	2.0	0.2	14.1	27.8	24.0	13.0	0.6	5.9	11.3	2.9	120.9
1953	17.1	13.8	2.0	0.2	17.9	27.8	27.1	12.2	0.9	4.7	12.4	8.1	144.1
1954	4.6	13.6	1.2	0.2	17.2	27.8	28.4	11.4	1.0	4.8	14.4	0.9	125.4
1955	6.2	12.5	2.0	0.2	16.5	27.8	28.1	9.6	0.0	4.6	13.7	10.9	131.9
1956	17.9	14.0	2.0	0.2	18.0	23.5	26.4	13.4	0.9	5.2	10.1	5.8	137.5
1957	20.1	12.8	2.0	0.2	12.4	27.8	24.1	15.1	0.9	3.7	6.6	0.9	126.4
1958	16.2	14.2	1.6	0.2	12.0	27.8	28.4	14.6	0.7	4.4	11.7	10.9	142.6
1959	15.7	14.5	2.0	0.2	15.8	13.1	28.4	12.2	0.8	4.0	6.6	6.1	119.4
1960	18.6	7.9	2.0	0.2	15.4	27.8	16.4	15.3	1.0	6.0	6.6	14.2	131.4
1961	1.7	14.1	1.8	0.2	15.6	27.8	28.2	14.5	0.6	5.5	6.6	2.2	118.8
1962	16.2	12.2	1.8	0.2	10.5	27.8	28.2	11.4	0.8	4.6	13.3	7.5	134.5
1963	1.9	9.6	1.3	0.2	17.1	27.7	25.3	14.4	0.3	4.7	6.6	0.9	110.0
1964	15.6	14.5	1.9	0.2	17.5	27.8	18.3	13.1	0.9	4.7	18.6	11.3	144.4
1965	19.8	8.1	2.0	0.2	15.5	26.8	28.4	6.8	1.0	3.7	10.0	2.8	124.9
1966	16.6	14.5	1.6	0.2	16.0	27.3	28.4	9.6	0.5	3.7	8.7	6.3	133.2
1967	20.4	14.4	1.9	0.2	17.6	25.2	24.0	10.6	0.8	3.7	6.6	0.9	126.2
1968	20.6	4.8	1.4	0.2	13.3	27.8	28.4	15.0	0.8	5.4	13.4	9.1	140.3
1969	18.5	7.8	1.9	0.2	15.9	27.8	28.4	9.3	0.6	3.7	11.8	0.9	126.7
1970	19.6	11.8	2.0	0.2	17.3	27.2	28.4	13.1	0.7	5.8	6.6	6.8	139.6
1971	10.2	14.5	1.8	0.2	13.4	27.5	24.5	8.1	0.5	4.8	16.3	0.9	122.7
1972	20.3	14.5	2.0	0.2	15.6	27.8	28.4	15.6	0.4	5.0	15.9	0.9	146.6
1973	20.6	13.6	2.0	0.2	15.0	27.8	16.8	14.2	0.4	4.4	13.0	0.9	129.0
1974	20.6	13.5	2.0	0.2	16.7	27.8	27.3	11.9	0.2	6.2	16.8	5.6	148.7
1975	20.3	14.5	1.8	0.2	12.3	27.3	16.0	13.6	0.8	5.4	6.6	5.9	124.7
1976	20.8	14.5	2.0	0.2	17.9	27.8	27.7	12.3	1.1	6.1	6.6	0.9	137.8
1977	20.8	14.5	2.0	0.2	14.2	27.7	24.3	11.6	0.6	3.7	6.6	12.8	138.9
1978	20.8	14.5	1.3	0.2	15.1	27.8	21.8	15.6	1.1	4.8	11.5	0.9	135.3
1979	20.3	14.3	2.0	0.2	16.6	27.8	26.7	15.3	0.0	3.7	6.6	6.1	139.6
1980	20.8	14.5	1.5	0.2	17.9	27.8	28.4	15.6	1.0	5.3	10.6	17.2	160.7
1981	20.8	14.5	2.0	0.2	16.9	27.8	27.4	14.5	0.1	4.9	6.6	11.7	147.4
1982	20.8	14.5	2.0	0.2	15.4	27.8	25.7	15.6	0.7	5.1	6.6	1.5	135.9
1983	20.8	14.5	2.0	0.2	18.0	23.8	26.9	15.6	1.1	6.6	9.8	0.9	140.2
1984	6.2	2.3	2.0	0.2	17.8	27.8	28.4	15.6	0.4	5.8	8.8	12.8	128.0
1985	17.2	14.5	2.0	0.2	15.1	27.8	23.5	15.6	0.4	6.2	6.6	5.0	134.1
1986	11.5	13.9	2.0	0.2	18.0	27.8	25.5	15.6	1.0	5.1	15.0	8.7	144.3
MEAN	15.7	12.7	1.9	0.2	15.7	27.0	25.7	13.1	0.7	4.9	10.3	5.8	133.6

Table F.3.17 (39/49) IRRIGATION WATER DEMAND AT KITULGALA (L)
(Improved Condition, Irrigation Area: 16,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	31.0	41.4	5.7	0.5	38.9	79.4	71.9	30.4	2.3	13.9	34.3	2.6	352.4
1950	44.1	34.8	5.7	0.6	44.6	79.4	81.0	38.0	2.7	14.4	32.7	29.4	407.3
1951	15.8	23.8	5.2	0.5	48.8	79.4	78.6	35.1	0.1	15.3	19.0	22.2	343.8
1952	14.2	40.5	5.7	0.5	40.2	79.4	68.7	37.1	1.8	16.9	32.2	8.2	345.4
1953	48.8	39.6	5.7	0.5	51.2	79.4	77.4	34.9	2.5	13.3	35.4	23.1	411.8
1954	13.0	38.7	3.5	0.5	49.2	79.4	81.1	32.5	2.9	13.7	41.2	2.6	358.3
1955	17.6	35.8	5.7	0.5	47.0	79.4	80.4	27.3	0.0	13.1	39.1	31.1	377.0
1956	51.2	40.1	5.7	0.6	51.5	67.3	75.4	38.2	2.5	15.0	28.9	16.5	392.8
1957	57.4	36.5	5.7	0.5	35.3	79.4	68.9	43.0	2.4	10.5	19.0	2.6	361.2
1958	46.2	40.7	4.5	0.5	34.3	79.4	81.1	41.8	2.0	12.5	33.4	31.1	407.5
1959	44.7	41.4	5.7	0.5	45.1	37.5	81.1	34.7	2.4	11.5	19.0	17.4	341.0
1960	53.0	22.5	5.7	0.5	44.1	79.4	46.9	43.8	2.9	17.3	19.0	40.5	375.5
1961	4.7	40.3	5.2	0.5	44.4	79.4	80.6	41.5	1.8	15.8	19.0	6.2	339.4
1962	46.4	34.8	5.2	0.5	30.0	79.4	80.5	32.7	2.4	13.0	38.0	21.4	384.2
1963	5.3	27.4	3.7	0.6	48.8	79.3	72.4	41.0	0.9	13.5	19.0	2.6	314.4
1964	44.5	41.4	5.4	0.6	49.9	79.4	52.2	37.5	2.6	13.5	53.1	32.3	412.5
1965	56.5	23.0	5.6	0.5	44.2	76.4	81.1	19.5	2.9	10.5	28.6	8.0	356.8
1966	47.4	41.4	4.4	0.5	45.7	77.9	81.1	27.3	1.5	10.5	24.8	18.1	380.6
1967	58.2	41.2	5.4	0.5	50.2	72.0	68.5	30.3	2.3	10.5	19.0	2.6	360.6
1968	59.0	13.8	4.1	0.5	38.0	79.4	81.1	42.9	2.3	15.4	38.3	26.1	400.8
1969	52.8	22.4	5.4	0.5	45.3	79.4	81.1	26.4	1.8	10.5	33.8	2.6	362.0
1970	55.9	33.7	5.7	0.5	49.3	77.8	81.1	37.5	2.1	16.7	19.0	19.5	398.9
1971	29.0	41.4	5.3	0.5	38.3	78.6	70.0	23.1	1.4	13.8	46.6	2.6	350.6
1972	58.1	41.4	5.7	0.5	44.7	79.4	81.1	44.5	1.2	14.2	45.4	2.6	418.8
1973	59.0	38.7	5.7	0.5	43.0	79.4	48.1	40.5	1.3	12.7	37.1	2.6	368.6
1974	58.9	38.6	5.7	0.5	47.7	79.4	78.1	34.0	0.5	17.8	48.0	15.9	425.0
1975	58.0	41.4	5.1	0.5	35.1	78.0	45.6	38.9	2.3	15.5	19.0	16.7	356.2
1976	59.3	41.4	5.7	0.5	51.0	79.4	79.0	35.1	3.2	17.5	19.0	2.6	393.8
1977	59.4	41.4	5.7	0.5	40.6	79.0	69.3	33.1	1.8	10.5	19.0	36.5	396.8
1978	59.4	41.4	3.6	0.5	43.2	79.4	62.2	44.5	3.2	13.7	32.8	2.6	386.6
1979	58.0	40.9	5.7	0.6	47.5	79.4	76.3	43.6	0.0	10.5	19.0	17.3	398.7
1980	59.3	41.4	4.4	0.6	51.2	79.4	81.1	44.5	2.8	15.0	30.2	49.1	459.1
1981	59.3	41.4	5.7	0.6	48.4	79.4	78.3	41.5	0.3	13.9	19.0	33.4	421.1
1982	59.4	41.4	5.7	0.5	44.1	79.4	73.5	44.5	1.9	14.6	19.0	4.3	388.2
1983	59.4	41.4	5.7	0.7	51.5	67.9	76.7	44.5	3.2	18.8	28.1	2.6	400.5
1984	17.8	6.5	5.7	0.5	50.7	79.4	81.1	44.5	1.2	16.7	25.0	36.7	365.8
1985	49.2	41.4	5.7	0.5	43.2	79.4	67.2	44.5	1.2	17.6	19.0	14.3	383.1
1986	32.8	39.7	5.7	0.7	51.5	79.4	72.8	44.5	2.8	14.5	43.0	24.8	412.2
MEAN	44.8	36.2	5.3	0.5	44.9	77.2	73.5	37.4	1.9	14.1	29.3	16.6	381.8

Table F.3.17 (40/49) IRRIGATION WATER DEMAND AT HOROWUPOTANA (M)
(Improved Condition, Irrigation Area: 15,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	36.8	45.7	10.7	0.8	37.9	75.9	67.3	28.8	2.7	13.4	37.6	4.5	362.2
1950	48.1	40.8	10.6	0.9	42.7	75.9	74.2	35.2	3.1	13.8	35.6	39.1	420.1
1951	20.3	30.4	9.5	0.8	46.3	75.9	73.0	32.8	0.1	14.7	18.4	30.5	352.7
1952	18.1	45.5	10.7	0.8	39.0	75.9	64.5	34.5	2.0	16.3	35.0	11.3	453.6
1953	52.0	45.1	10.7	0.8	47.9	75.9	72.0	32.6	2.9	12.8	39.1	31.8	423.6
1954	16.3	44.4	6.1	0.8	46.6	75.9	74.3	30.5	3.3	13.2	45.8	4.5	361.8
1955	22.8	41.7	10.6	0.8	44.8	75.9	73.9	26.2	0.0	12.6	43.8	40.6	393.7
1956	54.1	45.4	10.5	0.9	48.1	66.2	70.3	35.3	2.8	14.5	30.9	22.7	401.7
1957	58.9	42.3	10.7	0.8	34.8	75.9	64.7	39.3	2.8	10.1	18.4	4.5	363.2
1958	49.8	45.5	8.0	0.8	33.8	75.9	74.3	38.4	2.3	12.1	36.6	40.6	418.1
1959	48.6	45.7	10.7	0.8	43.1	38.9	74.3	32.5	2.7	11.1	18.4	24.0	350.6
1960	55.6	28.3	10.6	0.8	42.3	75.9	45.5	39.8	3.3	16.7	18.4	48.9	386.1
1961	5.1	45.5	9.6	0.9	42.6	75.9	74.0	38.2	2.0	15.3	18.4	8.6	336.0
1962	50.0	40.8	9.5	0.8	28.7	75.9	73.9	30.7	2.7	12.6	42.4	29.4	397.4
1963	5.7	33.9	6.4	0.9	46.3	75.9	67.7	37.7	1.0	13.0	18.4	4.5	311.4
1964	48.4	45.7	9.9	0.9	47.2	75.9	50.1	34.8	3.0	13.0	55.9	41.7	426.6
1965	58.5	29.2	10.3	0.8	42.4	74.2	74.3	18.5	3.3	10.1	30.5	11.0	363.1
1966	50.8	45.7	8.0	0.8	43.6	75.2	74.3	26.2	1.7	10.1	25.7	24.9	386.8
1967	59.0	45.6	9.9	0.8	47.4	70.4	64.3	28.7	2.6	10.1	18.4	4.5	361.7
1968	59.1	15.3	7.2	0.8	37.1	75.9	74.3	39.2	2.6	14.8	42.7	35.9	405.1
1969	55.4	28.2	10.0	0.8	43.3	75.9	74.3	25.4	2.0	10.1	37.1	4.5	367.1
1970	58.0	39.8	10.6	0.8	46.7	75.1	74.3	34.8	2.5	16.1	18.4	26.8	403.8
1971	35.1	45.7	9.6	0.8	37.4	75.5	65.6	22.6	1.6	13.3	50.4	4.5	362.1
1972	59.0	45.7	10.7	0.8	42.8	75.9	74.3	40.1	1.4	13.7	49.4	4.5	418.4
1973	59.1	44.4	10.6	0.8	41.4	75.9	46.6	37.3	1.5	12.2	41.2	4.5	375.5
1974	59.1	44.2	10.6	0.8	45.4	75.9	72.6	31.8	0.5	17.2	51.6	21.9	431.8
1975	59.0	45.7	9.3	0.8	34.6	75.2	44.4	36.0	2.6	15.0	18.4	23.0	363.9
1976	59.2	45.7	10.7	0.8	47.8	75.9	73.2	32.8	3.7	16.9	18.4	4.5	389.5
1977	59.2	45.7	10.7	0.8	39.3	75.8	65.1	31.1	2.1	10.1	18.4	45.4	403.4
1978	59.2	45.7	6.3	0.8	41.6	75.9	58.9	40.1	3.7	13.2	35.8	4.5	385.6
1979	59.0	45.6	10.6	0.9	45.2	75.9	71.1	39.6	0.0	10.1	18.4	23.8	400.1
1980	59.2	45.7	7.8	0.9	47.9	75.9	74.3	40.1	3.2	14.5	32.6	56.0	458.1
1981	59.2	45.7	10.5	1.0	45.9	75.9	72.8	38.2	0.4	13.4	18.4	42.7	424.0
1982	59.2	45.7	10.6	0.8	42.3	75.9	68.6	40.1	2.1	14.1	18.4	6.4	384.2
1983	59.2	45.7	10.7	1.0	48.1	66.7	71.5	40.1	3.7	18.2	29.8	4.5	399.2
1984	23.1	4.6	10.7	0.8	47.6	75.9	74.3	40.1	1.4	16.1	26.0	45.5	366.3
1985	52.3	45.7	10.6	0.8	41.6	75.9	63.2	40.1	1.3	17.0	18.4	19.7	386.7
1986	38.3	45.3	10.6	1.0	48.1	75.9	68.1	40.1	3.2	14.0	47.4	34.1	426.2
MEAN	47.1	41.0	9.8	0.8	42.9	74.2	68.3	34.5	2.2	13.6	31.0	22.1	387.4

Table F.3.17 (41/49) IRRIGATION WATER DEMAND AT YAN OYA (M)
(Improved Condition, Irrigation Area: 10,000 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	24.5	30.4	7.1	0.5	25.2	50.6	44.9	19.2	1.8	9.0	25.1	3.0	241.4
1950	32.0	27.2	7.1	0.6	28.5	50.6	49.5	23.5	2.1	9.2	23.8	26.1	280.1
1951	13.5	20.3	6.4	0.5	30.9	50.6	48.6	21.8	0.1	9.8	12.3	20.3	235.1
1952	12.0	30.3	7.1	0.5	26.0	50.6	43.0	23.0	1.3	10.9	23.4	7.5	235.7
1953	34.7	30.1	7.1	0.5	32.0	50.6	48.0	21.7	1.9	8.5	26.0	21.2	282.4
1954	10.9	29.6	4.1	0.5	31.1	50.6	49.5	20.4	2.2	8.8	30.6	3.0	241.2
1955	15.2	27.8	7.0	0.5	29.8	50.6	49.3	17.5	0.0	8.4	29.2	27.1	262.4
1956	36.0	30.3	7.0	0.6	32.0	44.1	46.9	23.6	1.9	9.6	20.6	15.1	267.8
1957	39.3	28.2	7.1	0.5	23.2	50.6	43.1	26.2	1.9	6.7	12.3	3.0	242.2
1958	33.2	30.4	5.3	0.6	22.5	50.6	49.5	25.6	1.6	8.0	24.4	27.1	278.7
1959	32.4	30.4	7.1	0.5	28.7	25.9	49.5	21.6	1.8	7.4	12.3	16.0	233.7
1960	37.1	18.9	7.1	0.5	28.2	50.6	30.3	26.5	2.2	11.1	12.3	32.6	257.4
1961	3.4	30.3	6.4	0.6	28.4	50.6	49.3	25.4	1.3	10.2	12.3	5.8	224.0
1962	33.3	27.2	6.3	0.5	19.1	50.6	49.3	20.5	1.8	8.4	28.3	19.6	264.9
1963	3.8	22.6	4.3	0.6	30.9	50.6	45.1	25.1	0.7	8.7	12.3	3.0	207.6
1964	32.3	30.4	6.6	0.6	31.4	50.6	33.4	23.2	2.0	8.7	37.3	27.8	284.4
1965	39.0	19.5	6.9	0.5	28.3	49.5	49.5	12.3	2.2	6.7	20.4	7.3	242.1
1966	33.9	30.4	5.3	0.5	29.1	50.1	49.5	17.5	1.1	6.7	17.1	16.6	257.9
1967	39.4	30.4	6.6	0.5	31.6	46.9	42.9	19.2	1.7	6.7	12.3	3.0	241.1
1968	39.4	10.2	4.8	0.5	24.7	50.6	49.5	26.2	1.8	9.9	28.5	23.9	270.1
1969	37.0	18.8	6.7	0.5	28.9	50.6	49.5	17.0	1.4	6.7	24.7	3.0	244.7
1970	38.7	26.5	7.1	0.5	31.2	50.1	49.5	23.2	1.6	10.7	12.3	17.9	269.2
1971	23.4	30.4	6.4	0.5	24.9	50.4	43.7	15.1	1.0	8.9	33.6	3.0	241.4
1972	39.3	30.4	7.1	0.5	28.5	50.6	49.5	26.8	0.9	9.1	32.9	3.0	278.9
1973	39.4	29.6	7.1	0.5	27.6	50.6	31.1	24.9	1.0	8.2	27.5	3.0	250.4
1974	39.4	29.5	7.1	0.5	30.3	50.6	48.4	21.2	0.4	11.5	34.4	14.6	287.9
1975	39.3	30.4	6.2	0.5	23.1	50.1	29.6	24.0	1.7	10.0	12.3	15.4	242.6
1976	39.5	30.4	7.1	0.5	31.9	50.6	48.8	21.8	2.4	11.3	12.3	3.0	259.7
1977	39.5	30.4	7.1	0.5	26.2	50.5	43.4	20.7	1.4	6.7	12.3	30.3	268.9
1978	39.5	30.4	4.2	0.5	27.7	50.6	39.3	26.8	2.4	8.8	23.8	3.0	257.1
1979	39.3	30.4	7.0	0.6	30.1	50.6	47.4	26.4	0.0	6.7	12.3	15.9	266.8
1980	39.5	30.4	5.2	0.6	32.0	50.6	49.5	26.8	2.2	9.7	21.7	37.3	305.4
1981	39.5	30.4	7.0	0.7	30.6	50.6	48.5	25.4	0.3	8.9	12.3	28.4	282.7
1982	39.5	30.4	7.1	0.5	28.2	50.6	45.7	26.8	1.4	9.4	12.3	4.2	256.1
1983	39.5	30.4	7.1	0.7	32.0	44.5	47.6	26.8	2.4	12.2	19.9	3.0	266.2
1984	15.4	3.1	7.1	0.5	31.8	50.6	49.5	26.8	0.9	10.7	17.4	30.4	244.2
1985	34.9	30.4	7.1	0.5	27.7	50.6	42.1	26.8	0.9	11.3	12.3	13.1	257.8
1986	25.6	30.2	7.1	0.7	32.0	50.6	45.4	26.8	2.2	9.3	31.6	22.8	284.1
MEAN	31.4	27.3	6.5	0.5	28.6	49.5	45.5	23.0	1.5	9.0	20.7	14.8	258.3

Table F.3.17 (42/49) IRRIGATION WATER DEMAND AT GALGAMUWA (NWDZ)
(Improved Condition, Irrigation Area: 10,700 Ha)

YEAR	Unit: MCM												TOTAL
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1949	21.9	21.1	0.0	7.5	20.3	42.9	33.3	16.8	2.9	11.7	19.9	23.0	221.3
1950	36.6	21.0	0.0	8.1	31.4	33.0	46.7	19.9	2.9	17.7	17.5	24.1	258.8
1951	16.8	16.3	0.0	5.8	34.7	46.0	46.8	19.9	0.0	16.8	11.5	27.7	242.1
1952	24.1	17.3	0.0	6.9	36.6	41.3	45.6	19.9	2.8	16.6	21.0	23.7	255.6
1953	34.5	10.1	0.0	6.0	40.9	45.5	27.0	19.6	1.4	9.4	18.1	12.9	225.7
1954	32.3	20.7	0.0	6.4	33.1	45.4	38.0	19.6	2.8	9.4	12.8	3.8	224.2
1955	31.5	20.1	0.0	5.4	26.7	44.9	46.8	17.3	0.8	13.8	10.4	25.0	242.5
1956	36.5	20.0	0.0	7.3	40.0	35.8	46.8	19.9	2.8	16.3	6.4	13.6	245.4
1957	33.8	16.4	0.0	7.2	26.0	33.3	46.8	19.9	2.9	12.6	6.4	1.1	206.4
1958	33.2	20.3	0.0	4.7	36.5	44.8	45.5	10.0	2.9	15.7	18.0	22.6	254.0
1959	24.3	20.8	0.0	5.4	19.5	39.2	41.4	18.5	1.7	13.4	12.8	20.3	217.3
1960	28.9	13.6	0.0	5.5	28.7	45.2	27.4	19.9	2.9	14.8	6.4	26.5	219.6
1961	12.6	18.5	0.0	6.8	34.0	29.6	35.7	18.1	1.7	13.1	20.6	14.5	205.4
1962	24.2	13.7	0.0	7.3	20.2	37.9	42.3	16.2	2.2	9.4	14.7	12.9	201.1
1963	10.8	14.4	0.0	6.8	25.1	39.5	42.6	19.6	1.8	14.2	6.4	8.4	189.6
1964	35.4	19.3	0.0	7.1	35.8	45.2	32.6	17.3	0.7	15.7	12.7	13.1	234.9
1965	36.8	16.5	0.0	5.6	27.1	45.4	46.8	9.6	2.7	16.1	18.6	7.5	232.6
1966	35.1	20.2	0.0	4.7	39.9	44.8	46.8	15.5	2.0	11.7	6.4	12.8	239.7
1967	31.3	19.8	0.0	6.7	35.3	38.1	42.4	19.9	2.5	11.7	15.2	8.8	231.7
1968	35.1	19.8	0.0	6.7	40.6	43.0	42.0	19.9	2.1	12.1	23.8	9.0	254.1
1969	33.6	18.8	0.0	6.5	36.5	45.0	46.8	13.4	2.9	9.4	20.2	8.3	241.4
1970	30.0	15.0	0.0	4.7	22.6	46.0	43.6	19.9	1.9	13.9	15.8	18.3	231.6
1971	29.2	15.2	0.0	5.6	32.6	35.3	46.0	14.0	1.9	13.9	24.5	10.0	228.1
1972	38.2	21.1	0.0	6.5	15.5	46.0	46.1	19.9	1.2	9.4	8.8	14.5	227.1
1973	38.2	20.6	0.0	6.5	39.3	36.6	43.9	19.0	2.0	12.5	17.6	2.4	238.5
1974	38.2	16.8	0.0	5.3	38.0	45.2	44.2	17.3	2.5	20.2	28.5	20.6	276.8
1975	38.0	15.0	0.0	7.0	30.2	44.9	30.4	18.8	1.9	18.0	14.4	17.6	236.2
1976	35.5	21.1	0.0	7.0	40.9	46.0	45.7	19.9	2.8	10.8	6.4	22.0	258.0
1977	32.9	20.0	0.0	6.5	20.3	44.4	44.3	18.8	2.9	9.4	7.2	23.7	230.4
1978	37.5	20.3	0.0	8.1	21.9	45.2	43.6	19.3	2.7	13.0	6.4	12.2	230.3
1979	37.2	14.5	0.0	7.2	40.9	45.5	45.5	19.3	1.0	15.3	15.3	15.8	257.4
1980	38.2	21.1	0.0	7.0	37.3	33.6	44.3	19.0	0.4	14.5	15.3	23.9	254.6
1981	35.2	20.9	0.0	8.1	23.6	39.8	39.0	19.1	1.0	13.1	21.0	21.3	242.1
1982	38.2	21.1	0.0	5.8	26.1	39.8	46.8	19.3	2.7	12.3	23.0	16.0	251.0
1983	36.9	20.3	0.0	8.2	30.7	37.8	40.3	18.4	2.5	17.7	13.6	1.1	227.5
1984	9.0	9.6	0.0	5.5	38.7	45.2	37.4	19.9	2.3	16.4	8.0	17.5	209.4
1985	32.9	14.8	0.0	6.4	28.8	41.9	46.0	19.3	1.8	13.4	11.3	15.8	232.4
1986	28.5	17.7	0.0	6.3	33.2	46.0	46.8	18.2	2.8	16.6	25.5	27.4	269.0
MEAN	31.1	18.0	0.0	6.5	31.3	41.7	42.2	18.1	2.1	13.7	14.8	15.8	235.4

Table F.3.17 (43/49) IRRIGATION WATER DEMAND AT INGINIMITIYA (NWDZ)
(Improved Condition, Irrigation Area: 2,550 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	6.2	5.0	0.0	3.8	6.6	11.9	6.7	0.0	0.0	2.4	6.9	6.9	56.4
1950	9.0	5.0	0.0	4.1	10.9	10.0	8.4	0.0	0.0	3.7	5.8	7.2	64.0
1951	5.1	4.3	0.0	2.6	11.8	12.1	8.4	0.0	0.0	3.5	3.1	7.9	58.8
1952	6.6	4.5	0.0	3.4	12.2	11.6	8.4	0.0	0.0	3.5	7.3	7.1	64.6
1953	8.7	3.1	0.0	2.8	13.0	12.1	5.8	0.0	0.0	1.9	6.1	4.6	58.0
1954	8.3	5.0	0.0	3.0	11.3	12.1	7.4	0.0	0.0	1.9	3.7	0.5	53.2
1955	8.1	5.0	0.0	2.4	9.6	12.1	8.4	0.0	0.0	2.8	2.6	7.4	58.4
1956	9.0	5.0	0.0	3.7	13.0	10.5	8.4	0.0	0.0	3.4	0.8	4.9	58.6
1957	8.6	4.3	0.0	3.6	9.5	10.0	8.4	0.0	0.0	2.6	0.8	0.0	47.8
1958	8.5	5.0	0.0	1.9	12.2	12.1	8.4	0.0	0.0	3.3	6.0	6.9	64.1
1959	6.7	5.0	0.0	2.4	6.2	11.2	7.9	0.0	0.0	2.8	3.7	6.3	52.2
1960	7.6	3.8	0.0	2.4	10.2	12.1	5.8	0.0	0.0	3.1	0.8	7.7	53.5
1961	4.3	4.7	0.0	3.3	11.6	9.3	7.1	0.0	0.0	2.7	7.2	5.1	55.3
1962	6.7	3.8	0.0	3.7	6.6	10.9	8.1	0.0	0.0	1.9	4.6	4.6	50.7
1963	3.8	4.0	0.0	3.3	9.1	11.3	8.1	0.0	0.0	2.9	0.8	2.6	45.8
1964	8.9	4.9	0.0	3.5	12.0	12.1	6.6	0.0	0.0	3.3	3.7	4.7	59.6
1965	9.0	4.4	0.0	2.5	9.7	12.1	8.4	0.0	0.0	3.4	6.3	2.2	57.9
1966	8.8	5.0	0.0	1.9	13.0	12.1	8.4	0.0	0.0	2.4	0.8	4.5	56.8
1967	8.1	5.0	0.0	3.2	11.9	11.0	8.1	0.0	0.0	2.4	4.8	2.8	57.2
1968	8.8	5.0	0.0	3.2	13.0	11.9	8.0	0.0	0.0	2.5	8.0	2.8	63.2
1969	8.5	4.8	0.0	3.1	12.2	12.1	8.4	0.0	0.0	1.9	7.0	2.5	60.5
1970	7.8	4.1	0.0	1.9	7.9	12.1	8.3	0.0	0.0	2.9	5.1	5.9	55.8
1971	7.7	4.1	0.0	2.5	11.2	10.4	8.4	0.0	0.0	2.9	8.2	3.3	58.6
1972	9.0	5.0	0.0	3.1	4.1	12.1	8.4	0.0	0.0	1.9	1.9	5.1	50.5
1973	9.0	5.0	0.0	3.1	12.9	10.7	8.3	0.0	0.0	2.5	5.9	0.0	57.4
1974	9.0	4.4	0.0	2.3	12.6	12.1	8.3	0.0	0.0	4.2	9.2	6.4	68.6
1975	9.0	4.1	0.0	3.4	10.6	12.1	6.3	0.0	0.0	3.8	4.5	5.8	59.4
1976	8.9	5.0	0.0	3.4	13.0	12.1	8.4	0.0	0.0	2.2	0.8	6.7	60.4
1977	8.4	5.0	0.0	3.1	6.6	12.1	8.4	0.0	0.0	1.9	1.2	7.1	53.7
1978	9.0	5.0	0.0	4.1	7.5	12.1	8.3	0.0	0.0	2.7	0.8	4.3	53.7
1979	9.0	4.0	0.0	3.6	13.0	12.1	8.4	0.0	0.0	3.2	4.8	5.4	63.3
1980	9.0	5.0	0.0	3.5	12.4	10.1	8.4	0.0	0.0	3.0	4.8	7.1	63.2
1981	8.8	5.0	0.0	4.1	8.4	11.3	7.6	0.0	0.0	2.7	7.3	6.6	61.7
1982	9.0	5.0	0.0	2.7	9.5	11.3	8.4	0.0	0.0	2.5	7.8	5.4	61.5
1983	9.0	5.0	0.0	4.2	10.7	10.9	7.8	0.0	0.0	3.7	4.1	0.0	55.3
1984	3.0	2.9	0.0	2.5	12.8	12.1	7.3	0.0	0.0	3.4	1.5	5.7	51.3
1985	8.4	4.0	0.0	3.1	10.2	11.7	8.4	0.0	0.0	2.8	3.1	5.4	57.0
1986	7.5	4.6	0.0	3.0	11.4	12.1	8.4	0.0	0.0	3.5	8.4	7.9	66.7
MEAN	7.9	4.6	0.0	3.1	10.5	11.5	7.9	0.0	0.0	2.8	4.5	4.9	57.8

Table F.3.17 (44/49) IRRIGATION WATER DEMAND AT GALLODAI ARU
(Improved Condition, Irrigation Area: 10,500 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	2.4	18.4	7.0	6.7	46.6	45.6	34.4	2.1	0.8	9.2	7.4	0.0	180.8
1950	14.3	26.8	3.3	11.4	44.6	46.0	37.2	1.0	0.7	8.6	28.0	5.1	227.0
1951	0.0	11.3	6.7	7.8	41.6	48.0	37.3	8.1	0.5	8.9	12.6	0.0	182.7
1952	0.0	19.4	6.9	9.2	45.7	47.8	32.3	7.8	0.6	9.7	14.9	12.6	207.1
1953	9.3	21.2	5.7	7.8	47.2	44.8	15.6	7.4	0.5	6.0	24.7	0.0	190.2
1954	0.7	7.7	5.4	8.9	35.6	48.0	35.2	5.4	0.8	7.4	19.8	0.0	174.9
1955	0.0	14.8	6.9	10.8	38.2	46.7	31.6	5.0	0.1	7.8	31.3	18.4	211.7
1956	13.0	23.3	6.8	10.7	47.2	31.0	37.0	5.3	0.4	5.8	19.3	4.7	204.6
1957	13.7	2.9	7.0	11.5	20.6	47.8	40.0	8.3	0.3	9.2	7.8	0.0	169.0
1958	15.5	21.9	5.8	8.3	33.3	47.8	35.8	4.9	0.3	7.9	24.3	3.7	209.5
1959	8.9	26.7	6.9	7.6	38.2	42.9	39.3	6.2	0.4	4.8	15.3	0.0	197.1
1960	0.0	0.2	5.8	9.2	30.9	42.6	20.9	8.3	0.2	7.5	13.6	17.9	157.3
1961	0.0	5.9	4.7	9.9	34.8	41.1	31.1	8.5	0.0	9.2	7.4	0.0	152.5
1962	0.0	26.0	5.8	10.2	30.6	44.6	32.0	4.4	0.7	6.9	13.2	7.9	182.3
1963	0.0	15.3	4.3	9.6	40.2	47.8	32.7	6.3	0.2	6.1	7.4	2.1	172.2
1964	0.0	13.1	4.7	11.5	43.5	47.0	25.5	8.4	0.7	10.1	22.4	15.1	202.0
1965	33.6	7.0	6.9	10.6	47.1	48.0	34.0	2.3	0.8	9.2	10.8	0.0	210.4
1966	28.7	24.4	3.0	9.8	45.8	39.8	37.2	2.3	0.3	4.8	23.0	1.9	221.0
1967	22.2	15.6	5.3	8.7	45.4	30.9	28.6	5.8	0.2	7.7	7.4	0.0	177.8
1968	9.8	30.4	2.9	10.3	47.1	45.0	35.4	7.0	0.4	9.9	7.4	0.0	205.6
1969	0.0	18.0	6.5	8.9	41.1	43.8	40.0	2.9	0.6	4.8	19.5	0.0	186.1
1970	0.0	2.8	6.5	9.6	39.3	40.5	18.1	7.6	0.3	8.8	7.4	3.1	144.0
1971	8.1	27.1	6.0	8.7	44.9	48.0	32.2	6.8	0.4	7.7	17.9	0.0	207.8
1972	26.7	30.4	7.0	10.5	35.9	38.6	33.2	8.5	0.3	4.9	16.7	0.0	212.7
1973	30.5	18.7	6.2	11.3	39.4	33.9	31.1	6.1	0.4	8.9	17.2	0.0	203.7
1974	38.7	18.1	7.0	9.1	28.9	45.8	37.2	7.3	0.4	10.4	35.6	0.0	238.4
1975	22.0	23.9	4.9	10.7	40.9	44.2	30.0	6.3	0.3	7.6	9.9	8.9	209.7
1976	0.0	27.4	6.5	10.0	46.3	41.3	29.7	8.1	0.6	9.4	17.3	0.0	196.5
1977	36.9	28.0	5.5	10.8	36.7	37.9	25.2	7.9	0.4	7.2	25.4	0.1	222.0
1978	34.0	24.6	6.3	10.5	38.7	47.9	34.5	8.6	0.7	8.2	16.6	0.0	230.5
1979	28.0	19.3	6.4	11.4	42.9	36.5	36.0	7.9	0.0	5.8	7.4	31.7	233.6
1980	38.7	30.4	7.0	10.4	40.9	48.0	39.8	7.6	0.6	6.7	19.9	26.6	276.7
1981	30.2	16.8	6.5	10.7	41.6	48.0	24.9	8.7	0.7	9.1	26.6	13.3	237.1
1982	38.9	30.4	6.8	11.1	38.5	46.6	34.8	8.7	0.4	9.8	14.9	0.0	240.9
1983	35.3	28.3	7.0	11.5	44.2	29.7	31.2	5.2	0.6	7.1	18.8	0.0	219.0
1984	0.0	0.2	6.0	8.5	39.6	48.0	22.5	8.7	0.0	10.2	11.8	28.3	183.9
1985	24.1	12.9	4.4	9.1	47.3	42.5	25.7	7.9	0.0	9.8	23.1	0.0	206.9
1986	0.0	24.6	0.5	9.4	43.1	47.9	32.6	7.7	0.4	9.0	23.2	2.0	200.4
MEAN	14.8	18.8	5.8	9.8	40.4	43.5	31.9	6.5	0.4	7.9	17.0	5.4	202.2

Table F.3.17 (45/49) IRRIGATION WATER DEMAND AT MAHA OYA
(Improved Condition, Irrigation Area: 3,300 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	1.2	4.6	0.4	2.7	14.9	13.4	9.5	0.3	0.8	5.1	2.2	0.3	55.4
1950	4.9	6.8	0.1	4.6	14.1	13.5	10.5	0.3	0.7	4.7	10.4	1.8	72.4
1951	0.5	2.8	0.3	3.1	13.0	14.4	10.5	1.8	0.5	4.9	4.2	0.3	56.3
1952	0.5	4.9	0.4	3.7	14.5	14.2	8.8	1.7	0.6	5.3	5.2	4.2	63.9
1953	3.3	5.4	0.2	3.1	15.1	13.1	3.3	1.5	0.5	3.4	9.1	0.3	58.5
1954	0.7	1.9	0.2	3.6	10.7	14.4	9.8	0.8	0.8	4.1	7.1	0.3	54.5
1955	0.5	3.7	0.4	4.3	11.7	13.8	8.6	0.7	0.1	4.4	11.7	6.0	65.8
1956	4.5	5.9	0.3	4.3	15.2	8.5	10.4	0.8	0.4	3.4	6.9	1.7	62.2
1957	4.7	0.8	0.4	4.6	5.9	14.2	11.6	1.9	0.3	5.0	2.3	0.3	51.9
1958	5.2	5.5	0.3	3.3	9.9	14.1	10.0	0.7	0.3	4.4	8.9	1.4	64.0
1959	3.2	6.8	0.4	3.1	11.7	12.5	11.2	1.1	0.4	2.9	5.3	0.3	58.7
1960	0.5	0.3	0.3	3.7	9.1	12.4	5.0	1.9	0.2	4.2	4.7	5.8	48.0
1961	0.5	1.5	0.2	3.9	10.4	11.9	8.4	1.9	0.0	5.0	2.2	0.3	46.3
1962	0.5	6.6	0.3	4.1	9.0	13.0	8.7	0.6	0.7	3.9	4.5	2.7	54.6
1963	0.5	3.8	0.1	3.8	12.5	14.1	9.0	1.1	0.2	3.5	2.2	0.9	51.8
1964	0.5	3.3	0.2	4.6	13.7	13.8	6.6	1.9	0.7	5.5	8.2	4.9	63.8
1965	11.0	1.8	0.4	4.2	15.1	14.4	9.4	0.3	0.8	5.0	3.5	0.3	66.2
1966	9.4	6.2	0.0	3.9	14.6	11.4	10.5	0.3	0.3	2.9	8.4	0.8	68.7
1967	7.3	3.9	0.2	3.5	14.4	8.5	7.6	1.0	0.2	4.3	2.2	0.3	53.4
1968	3.5	7.7	0.0	4.1	15.1	13.2	9.8	1.4	0.4	5.4	2.2	0.3	63.1
1969	0.5	4.5	0.3	3.6	12.8	12.8	11.6	0.3	0.6	2.9	7.0	0.3	57.2
1970	0.5	0.7	0.3	3.8	12.1	11.7	4.1	1.6	0.3	4.8	2.2	1.2	43.4
1971	3.0	6.9	0.3	3.5	14.2	14.4	8.8	1.3	0.4	4.3	6.4	0.3	63.7
1972	8.8	7.7	0.4	4.2	10.8	11.0	9.1	2.0	0.3	2.9	5.9	0.3	63.4
1973	10.0	4.7	0.3	4.5	12.2	9.4	8.4	1.1	0.4	4.9	6.1	0.3	62.2
1974	12.6	4.6	0.4	3.7	8.5	13.4	10.5	1.5	0.4	5.7	13.4	0.3	74.8
1975	7.3	6.1	0.2	4.3	12.7	12.9	8.0	1.2	0.3	4.3	3.2	3.0	63.4
1976	0.5	6.9	0.3	4.0	14.8	11.9	7.9	1.8	0.6	5.1	6.1	0.3	60.3
1977	12.0	7.1	0.2	4.3	11.1	10.8	6.5	1.7	0.4	4.1	9.4	0.3	67.9
1978	11.1	6.2	0.3	4.2	11.9	14.2	9.5	2.1	0.7	4.6	5.9	0.3	70.9
1979	9.2	4.9	0.3	4.6	13.5	10.3	10.0	1.7	0.0	3.4	2.2	10.1	70.3
1980	12.6	7.8	0.4	4.2	12.7	14.4	11.4	1.6	0.6	3.8	7.1	8.5	85.2
1981	9.9	4.2	0.3	4.3	13.0	14.4	6.4	2.2	0.7	5.0	9.8	4.4	74.5
1982	12.6	7.8	0.3	4.4	11.8	13.7	9.6	2.2	0.4	5.4	5.2	0.3	73.7
1983	11.5	7.2	0.4	4.6	14.0	8.1	8.4	0.8	0.6	4.0	6.7	0.3	66.5
1984	0.5	0.3	0.3	3.4	12.3	14.4	5.5	2.2	0.0	5.6	3.9	9.1	57.5
1985	7.9	3.2	0.1	3.7	15.3	12.3	6.6	1.7	0.0	5.3	8.4	0.3	65.0
1986	0.5	6.2	0.0	3.8	13.6	14.2	8.9	1.6	0.4	5.0	8.5	0.9	63.5
MEAN	5.1	4.8	0.3	3.9	12.6	12.7	8.7	1.3	0.4	4.4	6.0	1.9	62.2

Table F.3.17 (46/49) IRRIGATION WATER DEMAND AT RAMBUKAN OYA
(Improved Condition, Irrigation Area: 3,000 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	1.3	4.8	0.2	2.6	14.0	12.4	8.7	0.3	0.7	4.4	2.6	0.3	52.3
1950	4.7	6.9	0.0	4.4	13.3	12.5	9.6	0.3	0.6	4.1	9.8	1.8	68.0
1951	0.6	3.0	0.1	3.0	12.3	13.3	9.6	1.5	0.4	4.2	4.4	0.3	52.8
1952	0.6	5.1	0.2	3.5	13.6	13.1	8.1	1.4	0.5	4.6	5.2	4.0	59.9
1953	3.3	5.5	0.1	3.0	14.2	12.2	3.2	1.3	0.4	3.0	8.7	0.3	55.2
1954	0.8	2.1	0.1	3.4	10.2	13.4	9.0	0.7	0.6	3.6	6.9	0.3	51.2
1955	0.6	3.9	0.1	4.1	11.1	12.8	7.9	0.6	0.1	3.8	11.0	5.7	61.6
1956	4.3	6.0	0.1	4.1	14.2	8.0	9.5	0.7	0.3	2.9	6.8	1.7	58.8
1957	4.5	0.9	0.2	4.4	5.7	13.1	10.6	1.6	0.2	4.4	2.7	0.3	48.6
1958	5.1	5.7	0.1	3.2	9.4	13.1	9.2	0.6	0.2	3.8	8.5	1.4	60.3
1959	3.2	6.9	0.2	2.9	11.1	11.6	10.2	0.9	0.3	2.5	5.4	0.3	55.5
1960	0.6	0.4	0.1	3.5	8.7	11.5	4.8	1.6	0.2	3.7	4.7	5.5	45.3
1961	0.6	1.7	0.1	3.8	9.9	11.1	7.8	1.6	0.0	4.4	2.6	0.3	43.7
1962	0.6	6.7	0.1	3.9	8.6	12.1	8.0	0.5	0.6	3.4	4.6	2.7	51.8
1963	0.6	4.0	0.1	3.7	11.8	13.1	8.3	0.9	0.2	3.1	2.6	1.0	49.3
1964	0.6	3.5	0.1	4.4	12.9	12.8	6.1	1.6	0.6	4.7	7.8	4.7	59.9
1965	10.2	1.9	0.2	4.0	14.2	13.4	8.6	0.3	0.7	4.4	3.8	0.3	61.9
1966	8.8	6.3	0.0	3.8	13.7	10.7	9.6	0.3	0.2	2.5	8.1	0.9	64.8
1967	7.0	4.1	0.1	3.3	13.5	8.0	7.0	0.8	0.1	3.8	2.6	0.3	50.7
1968	3.4	7.8	0.0	3.9	14.1	12.3	9.1	1.2	0.3	4.6	2.6	0.3	59.7
1969	0.6	4.7	0.1	3.4	12.1	11.9	10.6	0.3	0.5	2.5	6.8	0.3	53.9
1970	0.6	0.9	0.1	3.7	11.4	10.9	3.9	1.3	0.3	4.2	2.6	1.3	41.1
1971	2.9	7.0	0.1	3.3	13.4	13.3	8.1	1.1	0.3	3.7	6.3	0.3	60.0
1972	8.3	7.8	0.2	4.0	10.3	10.3	8.4	1.6	0.2	2.5	5.9	0.3	59.9
1973	9.3	4.9	0.1	4.3	11.5	8.9	7.8	0.9	0.3	4.2	6.0	0.3	58.6
1974	11.7	4.7	0.2	3.5	8.1	12.5	9.6	1.2	0.3	4.9	12.4	0.4	69.5
1975	6.9	6.2	0.1	4.1	12.0	12.0	7.4	1.0	0.2	3.7	3.4	2.9	60.0
1976	0.6	7.1	0.1	3.8	13.9	11.1	7.3	1.5	0.5	4.4	6.0	0.3	56.8
1977	11.2	7.2	0.1	4.1	10.6	10.1	6.0	1.4	0.3	3.5	8.9	0.4	63.9
1978	10.3	6.4	0.1	4.0	11.2	13.2	8.8	1.8	0.6	4.0	5.8	0.3	66.4
1979	8.6	5.0	0.1	4.4	12.7	9.7	9.2	1.4	0.0	2.9	2.6	9.5	66.2
1980	11.7	7.8	0.2	4.0	12.0	13.4	10.4	1.3	0.5	3.3	7.0	8.0	79.6
1981	9.2	4.4	0.1	4.1	12.3	13.4	5.9	1.8	0.6	4.3	9.3	4.2	69.6
1982	11.7	7.8	0.1	4.2	11.2	12.7	8.9	1.8	0.3	4.6	5.2	0.3	69.0
1983	10.7	7.3	0.2	4.4	13.1	7.6	7.8	0.6	0.5	3.5	6.6	0.3	62.7
1984	0.6	0.4	0.1	3.3	11.6	13.4	5.2	1.8	0.0	4.8	4.1	8.5	53.8
1985	7.5	3.4	0.1	3.5	14.3	11.5	6.2	1.4	0.0	4.6	8.1	0.3	61.0
1986	0.6	6.4	0.0	3.6	12.8	13.2	8.2	1.4	0.4	4.3	8.1	0.9	59.8
MEAN	4.9	4.9	0.1	3.8	11.9	11.8	8.0	1.1	0.3	3.8	6.0	1.9	58.5

Table F.3.17 (47/49) IRRIGATION WATER DEMAND AT RUKAN OYA
(Improved Condition, Irrigation Area: 4,200 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	1.8	6.7	0.2	3.7	19.5	17.4	12.2	0.4	0.9	6.1	3.6	0.5	73.2
1950	6.6	9.7	0.0	6.1	18.6	17.6	13.4	0.4	0.8	5.7	13.7	2.6	95.2
1951	0.8	4.2	0.2	4.2	17.2	18.7	13.5	2.1	0.5	5.9	6.1	0.5	73.9
1952	0.8	7.1	0.2	5.0	19.1	18.4	11.4	2.0	0.7	6.4	7.3	5.6	83.9
1953	4.6	7.7	0.1	4.2	19.9	17.1	4.5	1.8	0.6	4.2	12.1	0.5	77.3
1954	1.1	3.0	0.1	4.8	14.3	18.7	12.6	1.0	0.9	5.0	9.7	0.5	71.7
1955	0.8	5.5	0.2	5.8	15.5	17.9	11.1	0.8	0.2	5.3	15.3	7.9	86.3
1956	6.1	8.4	0.2	5.7	19.9	11.2	13.4	0.9	0.4	4.1	9.5	2.4	82.3
1957	6.4	1.3	0.2	6.1	8.0	18.4	14.8	2.2	0.3	6.1	3.8	0.5	68.1
1958	7.1	8.0	0.2	4.5	13.2	18.3	12.8	0.8	0.3	5.3	11.9	2.0	84.5
1959	4.4	9.7	0.2	4.1	15.5	16.2	14.3	1.3	0.5	3.5	7.5	0.5	77.7
1960	0.8	0.6	0.2	4.9	12.2	16.1	6.7	2.2	0.2	5.1	6.6	7.7	63.4
1961	0.8	2.3	0.1	5.3	13.9	15.5	10.9	2.3	0.0	6.1	3.6	0.5	61.2
1962	0.8	9.4	0.2	5.5	12.1	17.0	11.3	0.7	0.9	4.8	6.4	3.7	72.6
1963	0.8	5.6	0.1	5.1	16.5	18.4	11.6	1.3	0.2	4.3	3.6	1.4	69.0
1964	0.8	4.9	0.1	6.1	18.1	18.0	8.6	2.2	0.9	6.6	11.0	6.6	83.8
1965	14.3	2.7	0.2	5.7	19.8	18.7	12.1	0.4	0.9	8.1	5.3	0.5	86.7
1966	12.4	8.8	0.0	5.3	19.2	14.9	13.4	0.4	0.3	3.5	11.3	1.3	90.8
1967	9.7	5.8	0.1	4.7	19.0	11.2	9.8	1.1	0.2	5.3	3.6	0.5	70.9
1968	4.8	11.0	0.0	5.5	19.8	17.2	12.7	1.6	0.5	6.5	3.6	0.5	83.6
1969	0.8	6.6	0.2	4.8	16.9	16.6	14.9	0.4	0.7	3.5	9.6	0.5	75.5
1970	0.8	1.2	0.2	5.1	16.0	15.2	5.5	1.9	0.4	5.9	3.6	1.8	57.6
1971	4.1	9.8	0.2	4.7	18.7	18.7	11.4	1.5	0.4	5.2	8.8	0.5	83.9
1972	11.6	11.0	0.2	5.6	14.4	14.4	11.8	2.3	0.3	3.6	8.2	0.5	83.8
1973	13.1	6.8	0.2	6.0	16.1	12.4	10.9	1.3	0.4	5.9	8.4	0.5	82.1
1974	16.3	6.6	0.2	4.9	11.4	17.5	13.4	1.7	0.4	6.8	17.4	0.5	97.3
1975	9.7	8.7	0.1	5.7	16.8	16.8	10.4	1.4	0.3	5.2	4.8	4.1	84.0
1976	0.8	9.9	0.2	5.4	19.4	15.6	10.3	2.1	0.7	6.2	8.4	0.5	79.5
1977	15.6	10.1	0.1	5.8	14.8	14.1	8.4	2.0	0.4	4.9	12.5	0.6	89.4
1978	14.5	8.9	0.2	5.6	15.7	18.4	12.3	2.5	0.8	5.5	8.1	0.5	93.0
1979	12.1	7.1	0.2	6.1	17.8	13.5	12.9	2.0	0.0	4.1	3.6	13.2	92.7
1980	16.3	11.0	0.2	5.6	16.8	18.7	14.6	1.9	0.8	4.6	9.7	11.2	111.4
1981	12.9	6.2	0.2	5.7	17.2	18.7	8.3	2.5	0.8	6.1	13.1	5.9	97.5
1982	16.4	11.0	0.2	5.9	15.6	17.8	12.4	2.5	0.5	6.5	7.3	0.5	96.6
1983	15.0	10.2	0.2	6.1	18.4	10.7	10.9	0.9	0.7	4.9	9.2	0.5	87.8
1984	0.8	0.6	0.2	4.6	16.2	18.7	7.3	2.6	0.0	6.7	5.7	11.9	75.3
1985	10.5	4.8	0.1	4.9	20.1	16.1	8.6	2.0	0.0	6.5	11.3	0.5	85.4
1986	0.8	8.9	0.0	5.0	17.9	18.4	11.5	1.9	0.5	6.0	11.4	1.3	83.7
MEAN	6.8	6.9	0.2	5.3	16.6	16.6	11.2	1.6	0.5	5.4	8.3	2.7	81.9

Table F.3.17 (48/49) IRRIGATION WATER DEMAND AT MAGALAVAPAVAM
(Improved Condition, Irrigation Area: 13,400 Ha)
Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	4.7	13.8	4.6	11.9	66.5	62.0	49.8	4.5	3.1	8.6	10.3	1.7	241.7
1950	12.3	19.3	2.2	17.0	63.9	62.5	53.9	3.3	2.7	8.1	24.5	5.8	275.6
1951	3.1	9.3	4.4	12.9	59.9	66.0	54.0	15.3	1.8	8.4	13.9	1.7	250.7
1952	3.1	14.4	4.6	14.5	65.3	65.1	46.8	14.6	2.3	8.9	15.5	10.6	265.9
1953	9.2	15.6	3.7	13.0	67.5	60.9	23.1	13.7	1.9	6.4	22.2	1.7	239.0
1954	3.7	7.1	3.5	14.2	51.9	66.2	50.9	9.6	3.0	7.3	18.8	1.7	237.9
1955	3.1	11.5	4.5	16.3	55.3	63.5	45.8	8.6	0.5	7.6	27.0	14.3	258.2
1956	11.6	17.0	4.4	16.2	67.5	42.3	53.6	9.4	1.5	6.3	18.5	5.5	253.7
1957	12.0	4.1	4.6	17.1	35.1	65.2	58.6	15.8	1.0	8.6	10.6	1.7	234.5
1958	13.1	16.1	3.8	13.6	49.1	65.0	51.8	8.6	1.0	7.7	21.9	4.9	256.6
1959	8.9	19.2	4.5	12.8	55.3	58.3	56.9	11.2	1.6	5.6	15.8	1.7	251.7
1960	3.1	2.5	3.8	14.5	46.4	58.0	30.6	15.8	0.7	7.5	14.6	14.0	211.3
1961	3.1	6.0	3.1	15.2	50.8	55.8	45.1	16.1	0.0	8.6	10.3	1.7	215.9
1962	3.1	18.7	3.8	15.6	45.9	60.6	46.4	7.7	2.9	7.0	14.3	7.6	233.6
1963	3.1	11.8	2.8	15.0	58.1	65.0	47.4	11.4	0.8	6.5	10.3	3.9	236.1
1964	3.1	10.4	3.1	17.1	62.4	63.8	37.1	15.9	2.9	9.2	20.6	12.2	257.8
1965	25.5	6.7	4.6	16.0	67.4	66.2	49.2	4.8	3.1	8.6	12.7	1.7	266.2
1966	22.1	17.7	1.9	15.2	65.5	54.1	53.9	4.8	1.0	5.6	21.0	3.7	266.5
1967	17.6	12.0	3.4	13.9	64.9	42.1	41.4	10.4	0.7	7.6	10.3	1.7	226.2
1968	9.5	21.7	1.9	15.7	67.2	61.2	51.2	13.0	1.6	9.1	10.3	1.7	264.2
1969	3.1	13.5	4.2	14.2	59.2	59.6	58.8	5.4	2.3	5.6	18.6	1.7	246.3
1970	3.1	4.1	4.2	14.9	56.7	55.0	26.5	14.1	1.2	8.3	10.3	4.5	203.2
1971	8.4	19.5	3.9	14.0	64.3	66.0	46.7	12.5	1.4	7.6	17.6	1.7	263.4
1972	20.7	21.7	4.6	15.9	52.3	52.4	48.2	16.2	1.2	5.6	16.7	1.7	257.3
1973	23.3	14.0	4.1	16.8	57.0	46.1	45.1	11.0	1.5	8.4	17.0	1.7	246.0
1974	28.9	13.6	4.6	14.4	44.1	62.2	53.9	13.5	1.5	9.5	30.1	1.9	278.1
1975	17.5	17.4	3.2	16.1	59.0	60.1	43.5	11.5	1.0	7.5	12.0	8.3	257.1
1976	3.1	19.7	4.2	15.4	66.1	56.2	43.0	15.3	2.5	8.7	17.1	1.7	253.0
1977	27.7	20.1	3.6	16.3	53.3	51.5	36.7	14.9	1.4	7.2	22.7	2.0	257.4
1978	25.7	17.8	4.1	15.9	56.0	65.3	49.9	16.9	2.6	7.9	16.7	1.7	280.5
1979	21.6	14.4	4.2	17.0	61.6	49.7	52.1	15.0	0.0	6.3	10.3	23.3	275.5
1980	28.9	21.8	4.6	15.8	59.0	66.2	57.9	14.1	2.5	6.9	18.9	19.9	316.4
1981	23.1	12.8	4.2	16.1	59.9	66.2	36.2	17.1	2.6	8.5	23.5	11.0	281.3
1982	29.2	21.8	4.5	16.6	55.7	63.3	50.4	17.0	1.6	9.0	15.5	1.7	286.3
1983	26.6	20.3	4.7	17.1	63.3	40.5	45.2	9.1	2.3	7.2	18.2	1.7	256.2
1984	3.1	2.5	3.9	13.8	57.3	68.2	32.7	17.2	0.0	9.3	13.3	21.0	240.3
1985	18.9	10.3	2.9	14.4	68.1	57.8	37.4	14.9	0.0	9.0	21.1	1.7	256.5
1986	3.1	17.8	0.6	14.7	61.9	65.3	47.3	14.4	1.7	8.5	21.1	3.8	260.3
MEAN	12.9	14.2	3.8	15.2	58.4	59.3	46.3	12.2	1.6	7.7	17.0	5.6	254.2

Table F.3.17 (49/49) IRRIGATION WATER DEMAND AT UNNICHCHI
 (Improved Condition, Irrigation Area: 5,400 Ha)
 Unit: MCM

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1949	1.9	5.6	1.9	4.8	26.8	25.0	20.1	1.8	1.2	3.5	4.2	0.7	97.4
1950	5.0	7.8	0.9	6.9	25.7	25.2	21.7	1.3	1.1	3.3	9.9	2.3	111.1
1951	1.3	3.7	1.8	5.2	24.1	26.6	21.8	6.1	0.7	3.4	5.6	0.7	101.0
1952	1.3	5.8	1.8	5.9	26.3	26.2	18.9	5.9	0.9	3.6	6.2	4.3	107.2
1953	3.7	6.3	1.5	5.2	27.2	24.5	9.3	5.5	0.8	2.6	9.0	0.7	96.3
1954	1.5	2.9	1.4	5.7	20.9	26.7	20.5	3.9	1.2	3.0	7.6	0.7	95.9
1955	1.3	4.6	1.8	6.6	22.3	25.6	18.5	3.5	0.2	3.1	10.9	5.8	104.0
1956	4.7	6.8	1.8	6.5	27.2	17.0	21.6	3.8	0.6	2.5	7.5	2.2	102.2
1957	4.8	1.7	1.9	6.9	14.2	26.3	23.6	6.4	0.4	3.5	4.3	0.7	94.5
1958	5.3	6.5	1.5	5.5	19.8	26.2	20.9	3.5	0.4	3.1	8.8	2.0	103.4
1959	3.6	7.8	1.8	5.1	22.3	23.5	22.9	4.5	0.6	2.2	6.4	0.7	101.4
1960	1.3	1.0	1.5	5.8	18.7	23.4	12.3	6.4	0.3	3.0	5.9	5.6	85.2
1961	1.3	2.4	1.2	6.1	20.5	22.5	18.2	6.5	0.0	3.5	4.2	0.7	87.0
1962	1.3	7.6	1.5	6.3	18.5	24.4	18.7	3.1	1.2	2.8	5.8	3.1	94.1
1963	1.3	4.7	1.1	6.0	23.4	26.2	19.1	4.6	0.3	2.6	4.2	1.6	95.2
1964	1.3	4.2	1.2	6.9	25.2	25.7	14.9	6.4	1.2	3.7	8.3	4.9	103.9
1965	10.3	2.7	1.8	6.4	27.1	26.7	19.8	1.9	1.2	3.5	5.1	0.7	107.3
1966	8.9	7.1	0.8	6.1	26.4	21.8	21.7	1.9	0.4	2.2	8.5	1.5	107.4
1967	7.1	4.8	1.4	5.6	26.2	17.0	16.7	4.2	0.3	3.1	4.2	0.7	91.1
1968	3.8	8.8	0.8	6.3	27.1	24.7	20.6	5.2	0.6	3.7	4.2	0.7	106.5
1969	1.3	5.4	1.7	5.7	23.9	24.0	23.7	2.2	0.9	2.2	7.5	0.7	99.2
1970	1.3	1.6	1.7	6.0	22.9	22.2	10.7	5.7	0.5	3.3	4.2	1.8	81.9
1971	3.4	7.9	1.6	5.6	25.9	26.6	18.8	5.0	0.6	3.0	7.1	0.7	106.2
1972	8.3	8.8	1.9	6.4	21.1	21.1	19.4	6.5	0.5	2.3	6.7	0.7	103.7
1973	9.4	5.6	1.6	6.8	23.0	18.6	18.2	4.4	0.6	3.4	6.9	0.7	99.1
1974	11.7	5.5	1.9	5.8	17.8	25.1	21.7	5.4	0.6	3.8	12.1	0.7	112.1
1975	7.1	7.0	1.3	6.5	23.8	24.2	17.5	4.6	0.4	3.0	4.8	3.3	103.6
1976	1.3	7.9	1.7	6.2	26.6	22.6	17.3	6.2	1.0	3.5	6.9	0.7	102.0
1977	11.2	8.1	1.4	6.6	21.5	20.7	14.8	6.0	0.6	2.9	9.2	0.8	103.7
1978	10.4	7.2	1.7	6.4	22.5	26.3	20.1	6.8	1.1	3.2	6.7	0.7	113.0
1979	8.7	5.8	1.7	6.9	24.8	20.0	21.0	6.0	0.0	2.5	4.2	9.4	111.0
1980	11.7	8.8	1.8	6.4	23.8	26.7	23.3	5.7	1.0	2.8	7.6	8.0	127.5
1981	9.3	5.1	1.7	6.5	24.1	26.7	14.6	6.9	1.0	3.4	9.5	4.5	113.4
1982	11.8	8.8	1.8	6.7	22.4	25.5	20.3	6.9	0.6	3.6	6.2	0.7	115.4
1983	10.7	8.2	1.9	6.9	25.5	16.3	18.2	3.7	0.9	2.9	7.3	0.7	103.2
1984	1.3	1.0	1.6	5.6	23.1	26.7	13.2	6.9	0.0	3.8	5.4	8.5	96.8
1985	7.6	4.1	1.2	5.8	27.4	23.3	15.1	6.0	0.0	3.6	8.5	0.7	103.3
1986	1.3	7.2	0.3	5.9	24.9	26.3	19.1	5.8	0.7	3.4	8.5	1.5	104.9
MEAN	5.2	5.7	1.5	6.1	23.6	23.9	18.7	4.9	0.7	3.1	6.8	2.2	102.4

Table F.4.1 SUMMARY OF DIRECT CONSTRUCTION COST FOR DOWNSTREAM DEVELOPMENT

System	Sub-system	Rehabili. (ha)	New Land (ha)		Construction Cost (US\$10 ⁶)
			Irrigated	Cashew	
Under AMDP					
H	Kandalama	4,900	-	-	1.0
	Dambulu Oya	2,200	-	-	0.5
	Kalawewa	27,600	-	-	5.8
	Rajangana	6,700	-	-	1.4
	Angamuwa	1,000	-	-	0.2
	(Sub-total)	42,400	-	-	8.9
IH	Nachchaduwa	2,830	-	-	0.6
	Nuwarawewa	1,100	-	-	0.2
	Tissawewa	400	-	-	0.1
	Bassawakkulam	370	-	-	0.1
	(Sub-total)	4,700	-	-	1.0
MH	Huruluwewa	4,300	-	-	0.9
Total		51,400	-	-	10.8
NCRB					
F		-	1,900	-	5.8
I	Mahakandalama	2,800	-	-	0.6
	Mahakandalama Ex	-	8,000	-	35.3
	Malwatu Oya	-	3,600	-	21.2
	Tammanna	-	27,000	-	119.1
	Giant Tank	9,900	-	-	2.0
	Cashew Land (Sub-total)	- 12,700	- 38,600	10,000 10,000	3.2 181.4
M	Holowupotana	-	15,000	-	54.7
	Yan Oya	-	10,000	-	38.7
	(Sub-total)	-	25,000	-	93.4
MH	Huruluwewawa Ext	-	12,000	-	46.4
	Cashew Land	-	-	10,000	3.2
	(Sub-total)	-	12,000	10,000	49.6
Total		12,700	77,500	20,000	330.2
NWDZ	Galgamuwa	-	10,700	-	50.7
	Inginimitiya	2,550	-	-	0.6
Total		2,550	10,700	-	51.3

Table F.4.2 DIRECT CONSTRUCTION COST FOR RESPECTIVE IRRIGATION SYSTEM (1/4)

System-1

US\$1 = Rs.32.5 = Y140

Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equiv.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5%of Civil Works)		L.S		6,703		62,922		8,639
2. Main and Branch Canal								
Excavation,common	m3	6,550,000	1.4	9,170	3.3	21,615	1.5	9,835
Excavation,rock	m3	564,000	5.6	3,158	78.0	43,992	8.0	4,512
Embankment	m3	3,110,000	2.4	7,464	19.5	60,645	3.0	9,330
Lining	m3	285,000	50.0	14,250	650.0	185,250	70.0	19,950
Miscellaneous(30%)		L.S		10,213		93,451		13,088
S.Total				44,255		404,953		56,715
3. Structure on MC & BC								
Concrete	m3	85,500	56.0	4,788	780.0	66,690	80.0	6,840
R-bar	t	6,400	680.0	4,352	5,525.0	35,360	850.0	5,440
Miscellaneous		L.S		9,140		102,050		12,280
S.Total				18,280		204,100		24,560
4. On-farm Works (New land)	ha	3,500	1,950.0	6,825	17,875.0	62,563	2,500.0	8,750
5. On-farm Works (Rainfed Area)	ha	35,100	1,720.0	60,372	15,600.0	547,560	2,200.0	77,220
6. Rehabilitation	ha	12,700	160.0	2,032	1,300.0	16,510	200.0	2,540
7. Land Preparation for Cashew	ha	10,000	230.0	2,300	2,275.0	22,750	300.0	3,000
TOTAL		61,300 ha		140,767		1,321,357		181,424

System-M

US\$1 = Rs.32.5 = Y140

Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equiv.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5%of Civil Works)		L.S		3,451		32,355		4,446
2. Main and Branch Canal								
Excavation,common	m3	2,300,000	1.4	3,220	3.3	7,590	1.5	3,454
Excavation,rock	m3	200,000	5.6	1,120	78.0	15,600	8.0	1,600
Embankment	m3	1,000,000	2.4	2,400	19.5	19,500	3.0	3,000
Lining	m3	94,000	50.0	4,700	650.0	61,100	70.0	6,580
Miscellaneous(30%)		L.S		3,432		31,137		4,390
S.Total				14,872		134,927		19,024
3. Structure on MC & BC								
Concrete	m3	44,000	56.0	2,464	780.0	34,320	80.0	3,520
R-bar	t	3,300	680.0	2,244	5,525.0	18,233	850.0	2,805
Miscellaneous		L.S		4,708		52,553		6,325
S.Total				9,416		105,105		12,650
4. On-farm Works (New Land)	ha	7,500	1,950.0	14,625	17,875.0	134,063	2,500.0	18,750
5. On-farm Works (Rainfed Area)	ha	17,500	1,720.0	30,100	15,600.0	273,000	2,200.0	38,500
6. Rehabilitation	ha	0	160.0	0	1,300.0	0	200.0	0
TOTAL		25,000 ha		72,464		679,449		93,370

Table F.4.2 DIRECT CONSTRUCTION COST FOR RESPECTIVE IRRIGATION SYSTEM (2/4)

System-MR		US\$1 = Rs.32.5 = Y140						
Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equiv.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5%of Civil Works)		L.S		1,864		17,568		2,405
2. Main and Branch Canal								
Excavation, common	m3	1,200,000	1.4	1,680	3.3	3,960	1.5	1,802
Excavation, rock	m3	108,000	5.6	605	78.0	8,424	8.0	864
Embankment	m3	564,000	2.4	1,354	19.5	10,998	3.0	1,692
Lining	m3	57,000	50.0	2,850	650.0	37,050	70.0	3,990
Miscellaneous (30%)		L.S		1,947		18,130		2,504
S.Total				8,435		78,562		10,852
3. Structure on MC & BC								
Concrete	m3	21,000	56.0	1,176	780.0	16,380	80.0	1,660
R-bar	t	1,600	680.0	1,088	5,525.0	8,840	850.0	1,360
Miscellaneous		L.S		2,264		25,220		3,040
S.Total				4,528		50,440		6,080
4. On-farm Works (New Land)	ha	3,000	1,950.0	5,850	17,875.0	53,625	2,500.0	7,500
5. On-farm Works (Rainfed Area)	ha	9,000	1,720.0	15,480	15,600.0	140,400	2,200.0	19,800
6. Rehabilitation	ha	4,300	160.0	688	1,300.0	5,590	200.0	860
7. Land Preparation for Cashew	ha	10,000	230.0	2,300	2,275.0	22,750	300.0	3,000
TOTAL		26,300 ha		39,145		368,935		50,497

System-F		US\$1 = Rs.32.5 = Y140						
Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equiv.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5%of Civil Works)		L.S		213		2,012		275
2. Main and Branch Canal								
Excavation, common	m3	30,000	1.4	42	3.3	99	1.5	45
Excavation, rock	m3	2,600	5.6	15	78.0	203	8.0	21
Embankment	m3	43,000	2.4	103	19.5	839	3.0	129
Lining	m3	3,700	50.0	185	650.0	2,405	70.0	259
Miscellaneous (30%)		L.S		103		1,064		136
S.Total				448		4,609		590
3. Structure on MC & BC								
Concrete	m3	2,500	56.0	140	780.0	1,950	80.0	200
R-bar	t	190	680.0	129	5,525.0	1,050	850.0	162
Miscellaneous		L.S		269		3,000		362
S.Total				538		6,000		723
4. On-farm Works (New Land)	ha	0	1,950.0	0	17,875.0	0	2,500.0	0
5. On-farm Works (Rainfed Area)	ha	1,900	1,720.0	3,268	15,600.0	29,640	2,200.0	4,180
6. Rehabilitation	ha	0	160.0	0	1,300.0	0	200.0	0
TOTAL		1,900 ha		4,467		42,261		5,768

Table F.4.2 DIRECT CONSTRUCTION COST FOR RESPECTIVE IRRIGATION SYSTEM (3/4)

NWDZ

US\$1 = Rs. 32.5 = Y140

Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equip.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5% of Civil Works)		L.S		1,889		17,963		2,442
2. Main and Branch Canal								
Excavation, common	m3	1,300,000	1.4	1,820	3.3	4,290	1.5	1,952
Excavation, rock	m3	113,000	5.6	633	78.0	8,814	8.0	904
Embankment	m3	1,220,000	2.4	2,928	19.5	23,790	3.0	3,660
Lining	m3	86,000	50.0	4,300	650.0	55,900	70.0	6,020
Miscellaneous (30%)		L.S		2,904		27,838		3,761
S.Total				12,585		120,632		16,297
3. Structure on MC & BC								
Concrete	m3	19,300	56.0	1,081	780.0	15,054	80.0	1,544
R-bar	t	1,450	680.0	986	5,525.0	8,011	850.0	1,233
Miscellaneous		L.S		2,067		23,065		2,777
S.Total				4,134		46,131		5,553
4. On-farm Works (New Land)	ha	9,790	1,950.0	19,091	17,875.0	174,996	2,500.0	24,475
5. On-farm Works (Rainfed Area)	ha	910	1,720.0	1,565	15,600.0	14,196	2,200.0	2,002
6. Rehabilitation	ha	2,550	160.0	408	1,300.0	3,315	200.0	510
TOTAL		13,250 ha		39,671		377,233		51,279

System-H

US\$1 = Rs. 32.5 = Y140

Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equip.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5% of Civil Works)		L.S		339		2,756		424
2. Main and Branch Canal								
Excavation, common	m3	0	1.4	0	3.3	0	1.5	0
Excavation, rock	m3	0	5.6	0	78.0	0	8.0	0
Embankment	m3	0	2.4	0	19.5	0	3.0	0
Lining	m3	0	50.0	0	650.0	0	70.0	0
Miscellaneous (30%)		L.S		0		0	0	0
S.Total				0		0	0	0
3. Structure on MC & BC								
Concrete	m3	0	56.0	0	780.0	0	80.0	0
R-bar	t	0	680.0	0	5,525.0	0	850.0	0
Miscellaneous		L.S		0		0	0	0
S.Total				0		0	0	0
4. On-farm Works	ha	0	1,950.0	0	17,875.0	0	2,500.0	0
5. Rehabilitation	ha	42,400	160.0	6,784	1,300.0	55,120	200.0	8,480
TOTAL		42,400 ha		7,123		57,876		8,904

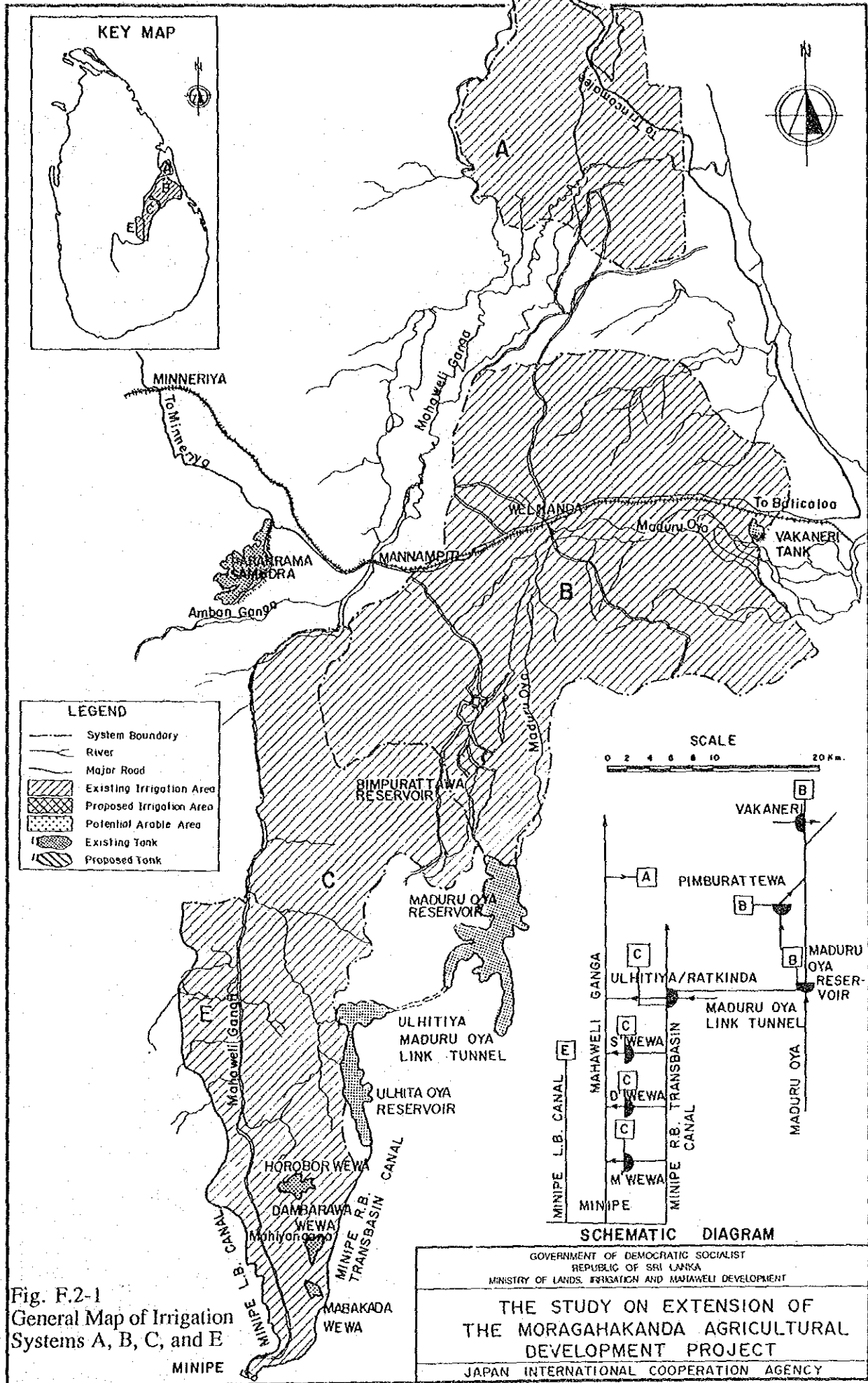
Table F.4.2 DIRECT CONSTRUCTION COST FOR RESPECTIVE IRRIGATION SYSTEM (4/4)

System IH

US\$1 = Rs.32.5 = Y140

Work Item	Unit	Q'ty	Foreign Currency		Local Currency		Total Equiv.	
			Unit Cost (US\$)	Amount (1000US\$)	Unit Cost (Rs.)	Amount (1000Rs.)	Unit Cost (US\$)	Amount (1000US\$)
1. General Items (5% of Civil Works)		L.S		38		306		47
2. Main and Branch Canal								
Excavation, common	m3	0	1.4	0	3.3	0	1.5	0
Excavation, rock	m3	0	5.6	0	78.0	0	8.0	0
Embankment	m3	0	2.4	0	19.5	0	3.0	0
Lining	m3	0	50.0	0	650.0	0	70.0	0
Miscellaneous (30%)		L.S		0		0		0
S.Total				0		0		0
3. Structure on MC & BC								
Concrete	m3	0	56.0	0	780.0	0	80.0	0
R-bar	t	0	680.0	0	5,525.0	0	850.0	0
Miscellaneous		L.S		0		0		0
S.Total				0		0		0
4. On-farm Works	ha	0	1,950.0	0	17,875.0	0	2,500.0	0
5. Rehabilitation	ha	4,700	160.0	752	1,300.0	6,110	200.0	940
TOTAL		4,700 ha		790		6,416		987

FIGURES



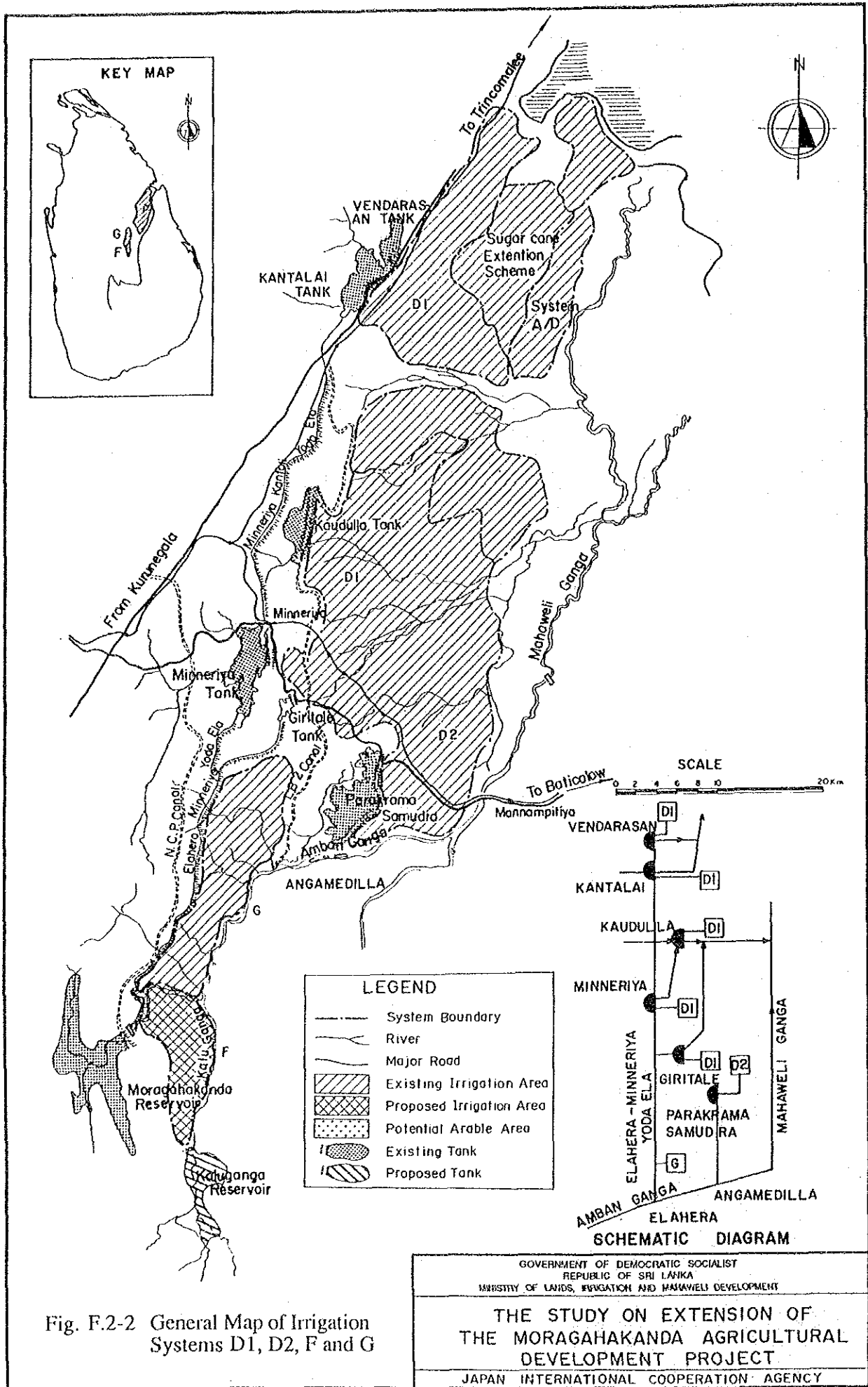
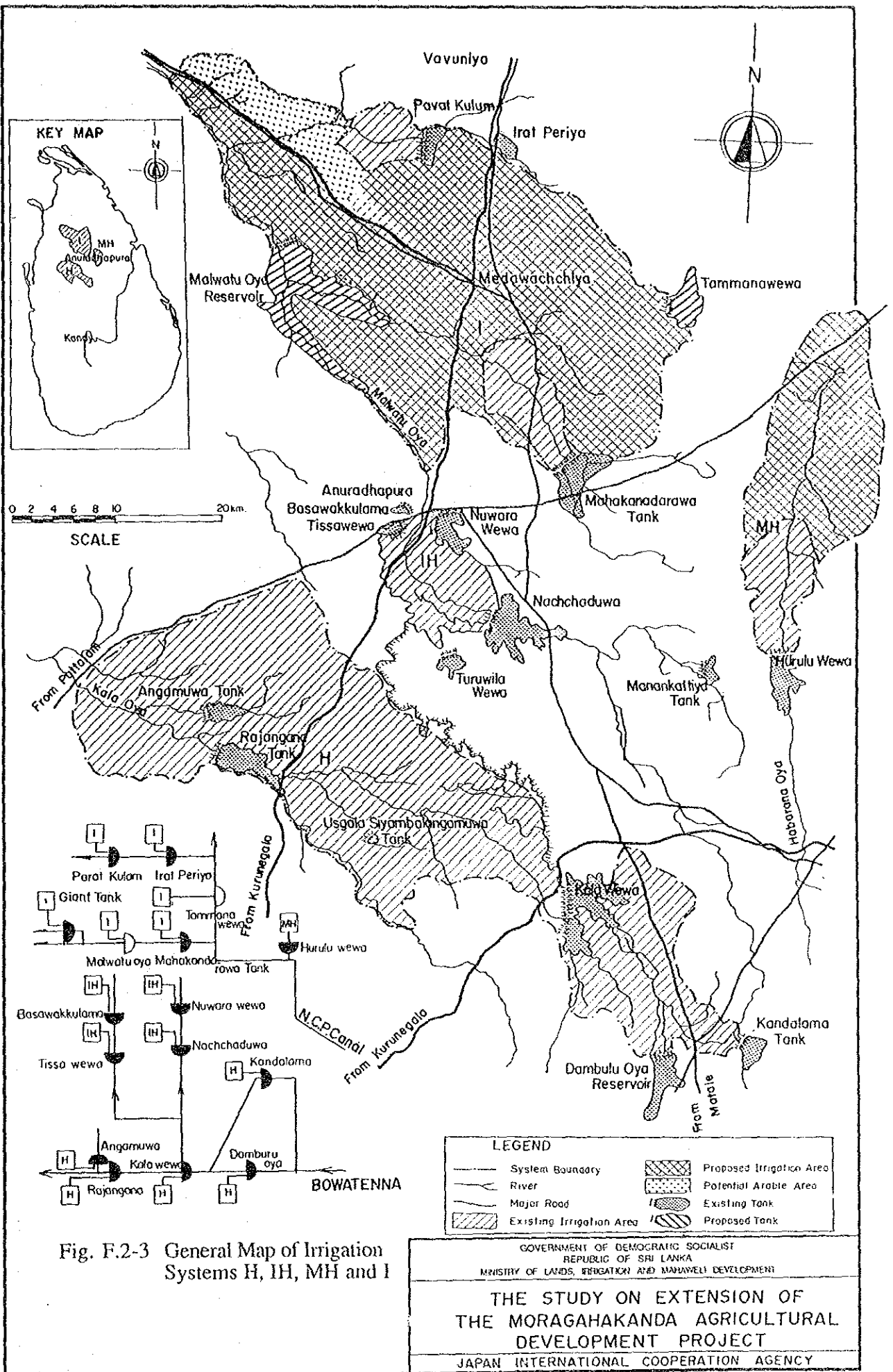
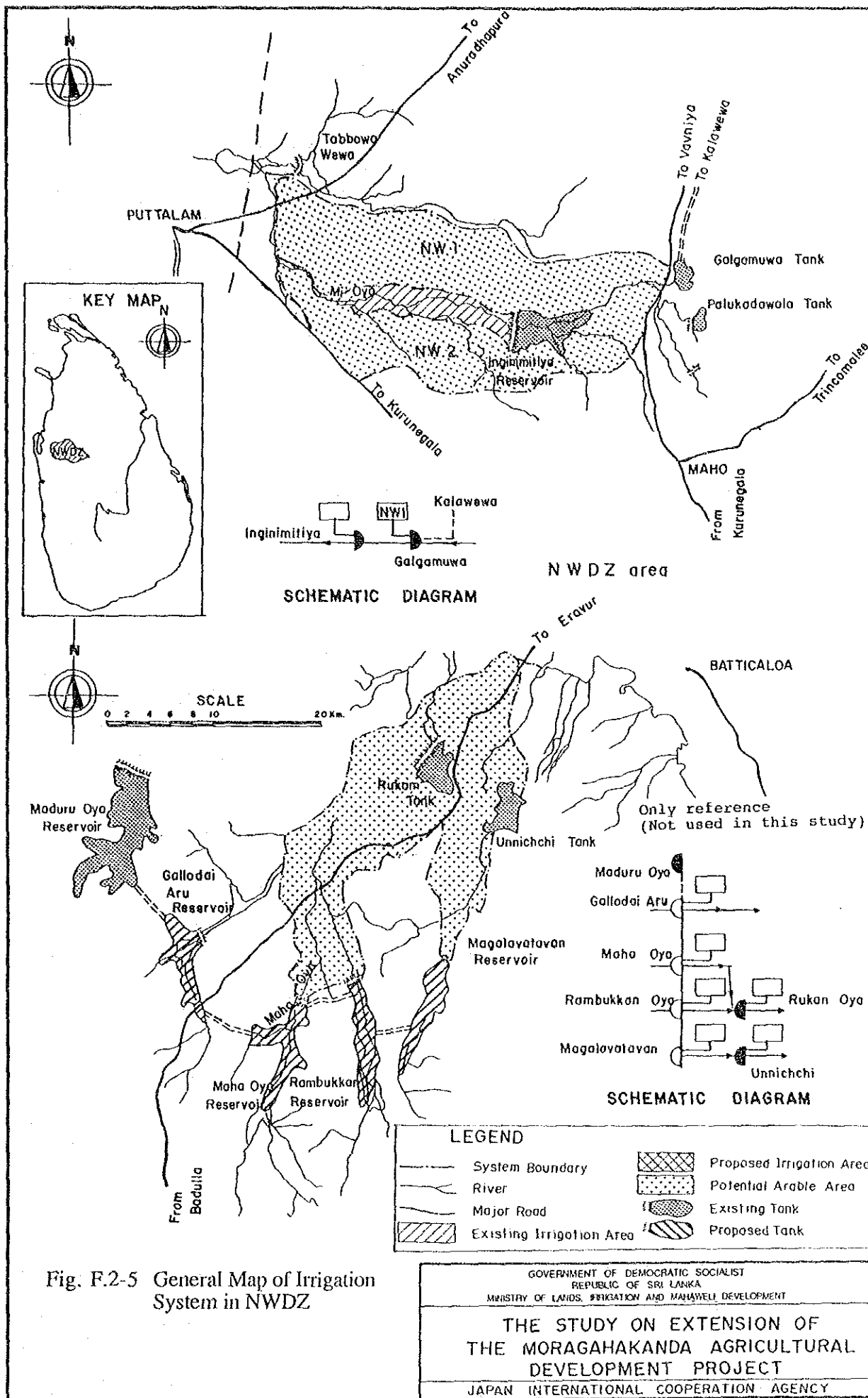


Fig. F.2-2 General Map of Irrigation Systems D1, D2, F and G





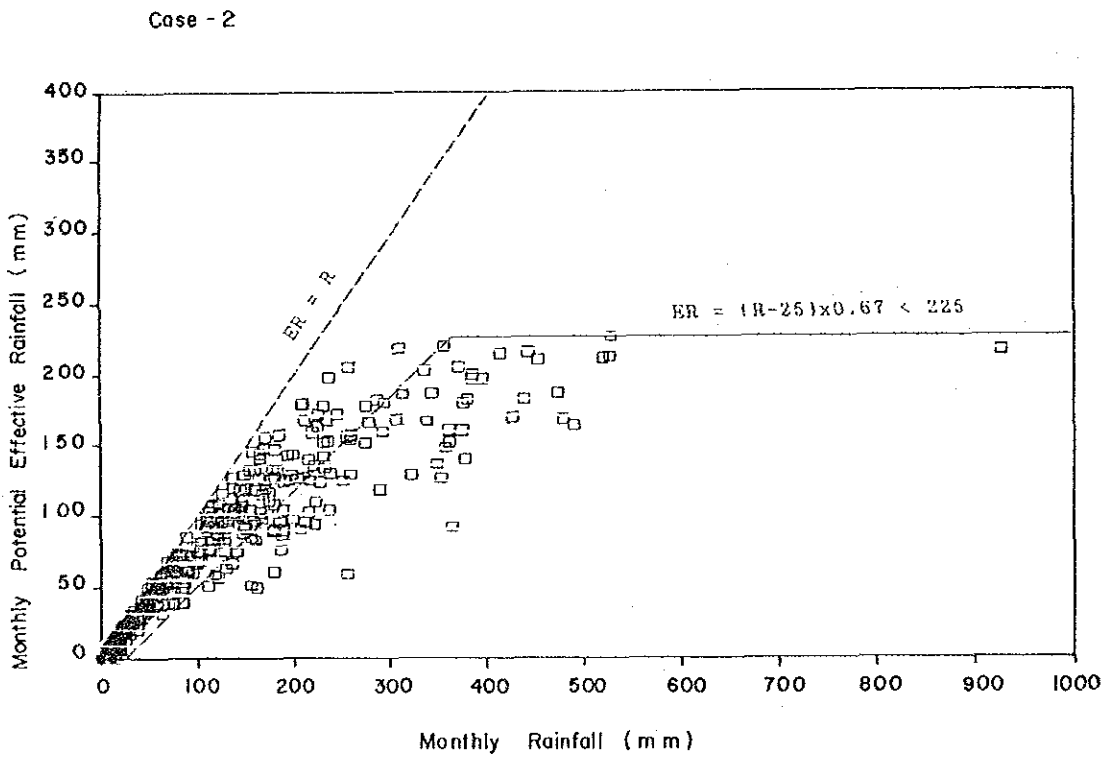
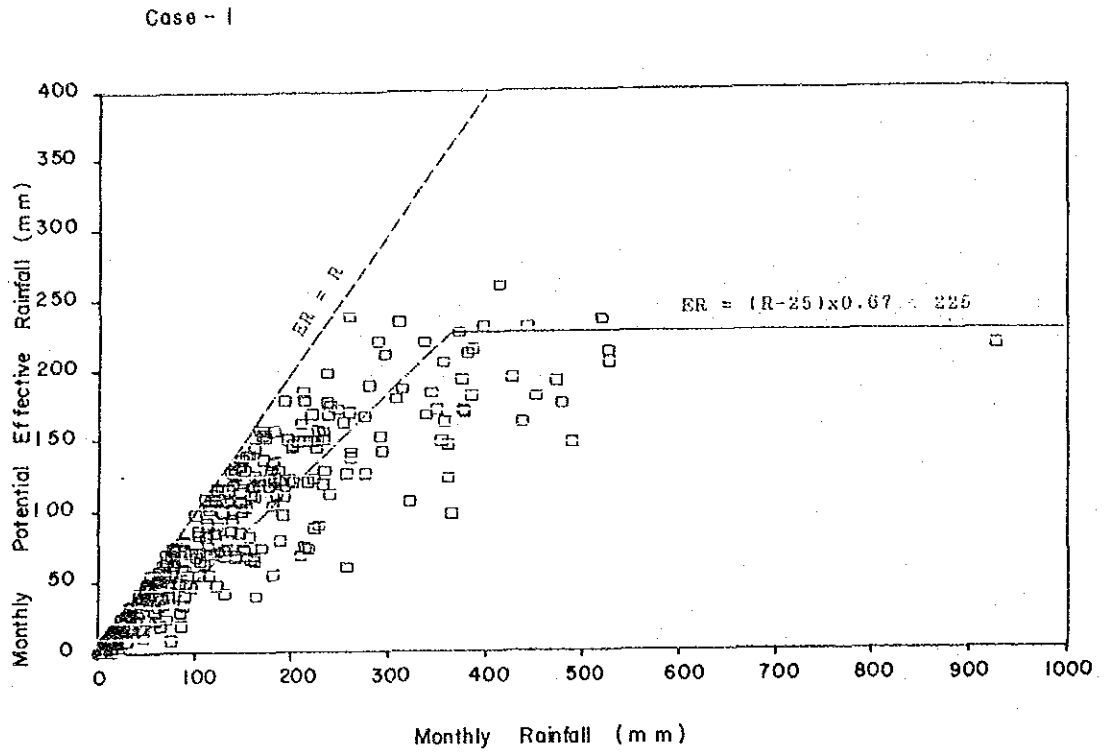


Fig. F.3-1 Relation Between Actual Rainfall and Effective Rainfall

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 DEVELOPMENT PROJECT

JAPAN INTERNATIONAL COOPERATION AGENCY

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
System A						Paddy 105 (25)						Paddy 135 (70)
						Paddy 90 (65)						Paddy 105 (25)
						Chillie (5)						OFC (5)
						OFC (5)						
System B						Paddy 105 (25)						Paddy 120 (65)
						Paddy 90 (65)						Paddy 105 (25)
						Chillie (4)						Chillie (4)
						OFC (6)						OFC (6)
System C						Paddy 105 (25)						Paddy 135 (65)
						Paddy 90 (60)						Paddy (25)
						Chillie (5)						OFC (5)
						OFC (10)						OFC (5)
System D1 (except Kantalai)						Paddy 105 (30)						Paddy 135 (65)
						Paddy 90 (55)						Paddy 120 (35)
						Chillie (5)						OFC (5)
						OFC (10)						OFC (5)
System D1 (Kantalai)						Paddy 105 (30)						Paddy 135 (30)
						Paddy 90 (10)						Paddy 120 (15)
						Chillie (5)						OFC (5)
						OFC (5)						
Sugar Cane (50)												
System D2						Paddy 105 (60)						Paddy 135 (70)
						Paddy 90 (25)						Paddy 120 (30)
						Chillie (5)						
						OFC (10)						
System E						Paddy 105 (20)						Paddy 135 (40)
						Paddy 90 (75)						Paddy 120 (60)
						OFC (5)						
System F						Paddy 90 (80)						Paddy 120 (95)
						Chillie (6)						OFC (5)
						OFC (14)						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

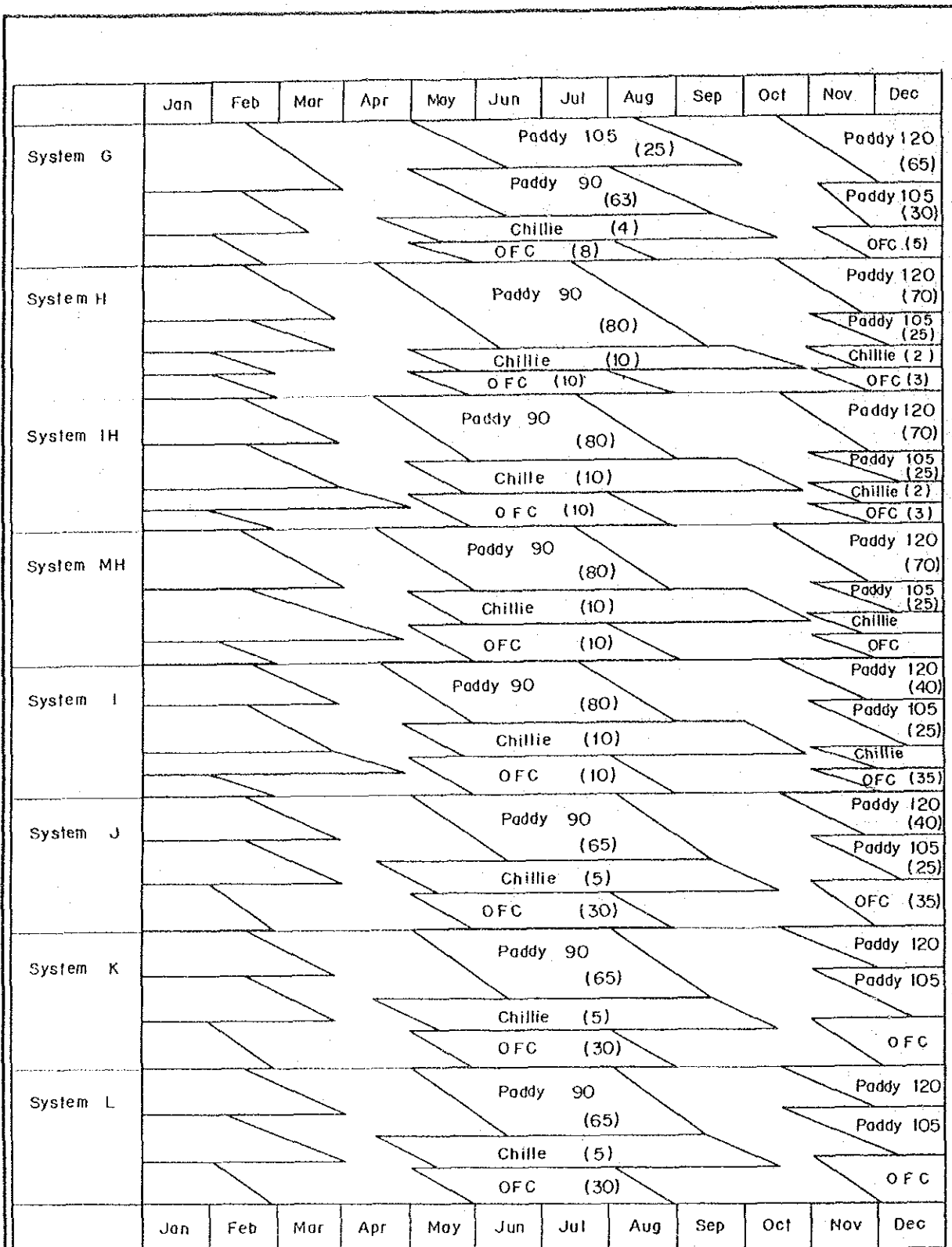
Remarks : OFC = Other Field Crops
Crop intensity (%) shown in brackets

Fig. F.3-2 Proposed Cropping Pattern
(1/3)

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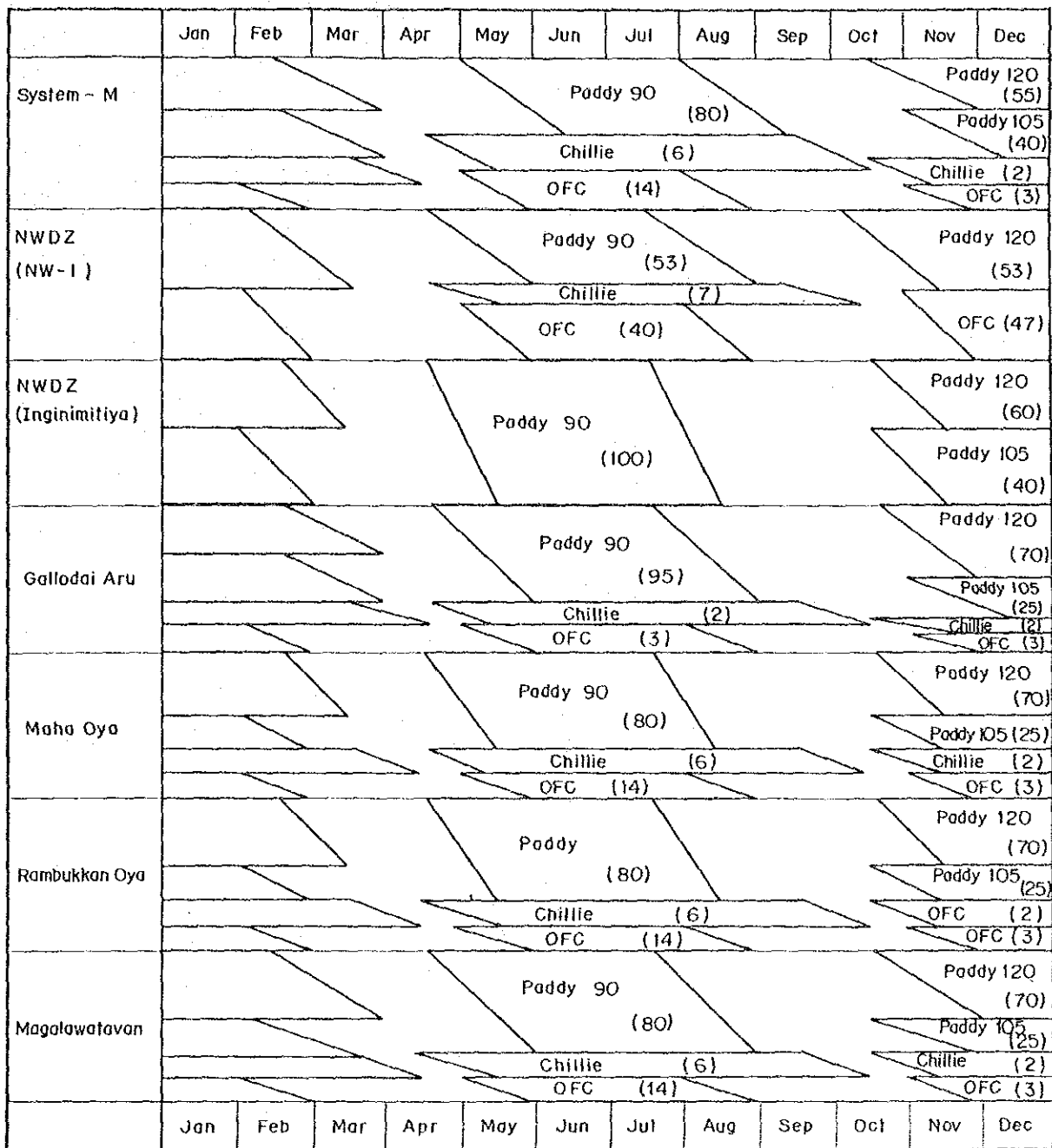
Remarks : OFC = Other Field Crops
Crop intensity (%) shown in brackets

Fig. F.3-2 Proposed Cropping Pattern (2/3)

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Remarks : OFC = Other Field Crops
Crop intensity (%) shown in brackets

Fig. F.3-2 Proposed Cropping Pattern (3/3)

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