

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

CASE	D/Rate	B-C	TOTAL COST AND BENEFIT DISCOUNTED	
			(Unit:Rp.M)	B/C
1	0.060	134614.700	1.977	
2	0.080	51083.770	1.440	
3	0.120	-10854.430	0.873	
4	0.140	-21261.090	0.714	
5	0.160	-26188.890	0.597	

CALCULATED IRR= 0.111

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

(Unit:Rp.M)

CASE	D/Rate	Cost	Benefit
1	0.060	137828.000	272442.700
2	0.080	116115.300	167199.100
3	0.120	85468.560	74614.130
4	0.140	74286.580	53025.490
5	0.160	65010.350	38821.460

ECONOMIC COST AND BENEFIT FLOW
FOR FLOOD CONTROL PROJECT
(Scheme2 Case1-2 Present)

Table

(Unit:Rp.M)

Year	Year in Order	Economic Cost			Economic Benefit			Total
		Construction Cost	Replacement Cost	O & M Cost	Benefit	Negative Benefit	Total	
1984	1	-	-	-	-	-	-	-
1985	2	-	-	-	-	-	-	-
1986	3	3171.0	-	-	3171.0	-	-	-
1987	4	3172.0	-	-	3172.0	-	-	-
1988	5	13971.0	-	-	13971.0	-	-	-
1989	6	-	-	-	-	-	-	-
1990	7	-	-	-	-	-	-	-
1991	8	20014.0	-	-	20014.0	-	-	-
1992	9	20022.0	-	-	20022.0	-	-	-
1993	10	19425.0	-	404.0	19829.0	8194.0	8194.0	8194.0
1994	11	-	-	-	-	-	-	-
1995	12	-	-	-	-	-	-	-
1996	13	-	-	-	-	-	-	-
1997	14	19434.0	-	-	19838.0	-	-	-
1998	15	-	-	1174.0	1174.0	10953.0	10953.0	10953.0
1999	16	-	-	-	-	-	-	-
2000	17	-	-	-	-	-	-	-
2001	18	-	-	-	-	-	-	-
2002	19	-	-	-	-	-	-	-
2003	20	-	-	-	-	-	-	-
2004	21	-	-	-	-	-	-	-
2005	22	-	-	-	-	-	-	-
2006	23	-	-	-	-	-	-	-
2007	24	-	-	-	-	-	-	-

2008 25
2009 26
2010 27
2011 28
2012 29
2013 30
2014 31
2015 32
2016 33
2017 34
2018 35
2019 36
2020 37
2021 38
2022 39
2023 40
2024 41
2025 42
2026 43
2027 44
2028 45
2029 46
2030 47
2031 48
2032 49
2033 50
2034 51
2035 52
2036 53
2037 54
2038 55
2039 56
2040 57
2041 58
2042 59
2043 60
2044 61
2045 62
2046 63
2047 64

-	-	770.0	-	-
-	-	-	770.0	-
-	-	-	-	2759.0
-	-	770.0	-	-
-	-	-	2759.0	-
-	-	-	-	2759.0

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

CASE	TOTAL COST AND BENEFIT DISCOUNTED		(Unit:Rp.M)
	D/Rate	B-C	
1	0.060	-22320.490	0.820
2	0.080	-37785.260	0.638
3	0.120	-44179.650	0.426
4	0.140	-42809.610	0.360
5	0.160	-40435.230	0.309

CALCULATED IRR= 0.040

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

CASE	D/Rate	Cost	Benefit
1	0.060	123741.000	101420.500
2	0.080	104353.000	66567.770
3	0.120	76913.580	32733.930
4	0.140	66880.970	24071.360
5	0.160	58549.760	18114.530

ECONOMIC COST AND BENEFIT FLOW
FOR FLOOD CONTROL PROJECT
(Scheme 2 Case 1-2 Future)

Table

(Unit:Rp.M)

Year	Year in Order	Economic Cost			Economic Benefit			Total
		Construction Cost	Replacement Cost	O & M Cost	Benefit	Negative Benefit	Total	
1984	1	-	-	-	-	-	-	-
1985	2	-	-	-	-	-	-	-
1986	3	3171.0	-	-	3171.0	-	-	-
1987	4	3172.0	-	-	3172.0	-	-	-
1988	5	13971.0	-	-	13971.0	-	-	-
1989	6	-	-	-	-	-	-	-
1990	7	-	-	-	-	-	-	-
1991	8	20014.0	-	-	20014.0	-	-	-
1992	9	20022.0	-	-	20022.0	-	-	-
1993	10	19425.0	-	404.0	19829.0	-	-	-
1994	11	-	-	-	12053.0	-	-	12053.0
1995	12	-	-	-	12585.0	-	-	12585.0
1996	13	-	-	-	13141.0	-	-	13141.0
1997	14	19434.0	-	-	13722.0	-	-	13722.0
1998	15	-	-	1174.0	14331.0	-	-	14331.0
1999	16	-	-	-	20179.0	-	-	20179.0
2000	17	-	-	-	21086.0	-	-	21086.0
2001	18	-	-	-	22033.0	-	-	22033.0
2002	19	-	-	-	22511.0	-	-	22511.0
2003	20	-	-	-	23007.0	-	-	23007.0
2004	21	-	-	-	23520.0	-	-	23520.0
2005	22	-	-	-	24052.0	-	-	24052.0
2006	23	-	-	-	24604.0	-	-	24604.0
2007	24	-	-	-	25175.0	-	-	25175.0
					25767.0	-	-	25767.0

2008	25	26380.0	26380.0
2009	26	27018.0	27018.0
2010	27	27676.0	27676.0
2011	28	28359.0	28359.0
2012	29	29067.0	29067.0
2013	30	29802.0	29802.0
2014	31	30562.0	30562.0
2015	32	31351.0	31351.0
2016	33	32168.0	32168.0
2017	34	33015.0	33015.0
2018	35	33894.0	33894.0
2019	36	34804.0	34804.0
2020	37	35748.0	35748.0
2021	38	36559.0	36559.0
2022	39	37394.0	37394.0
2023	40	38254.0	38254.0
2024	41	39142.0	39142.0
2025	42	40056.0	40056.0
2026	43	40999.0	40999.0
2027	44	41971.0	41971.0
2028	45	42972.0	42972.0
2029	46	44004.0	44004.0
2030	47	45068.0	45068.0
2031	48	46164.0	46164.0
2032	49	47295.0	47295.0
2033	50	48461.0	48461.0
2034	51	49662.0	49662.0
2035	52	50900.0	50900.0
2036	53	52177.0	52177.0
2037	54	53493.0	53493.0
2038	55	54850.0	54850.0
2039	56	56249.0	56249.0
2040	57	57690.0	57690.0
2041	58	59069.0	59069.0
2042	59	60488.0	60488.0
2043	60	13812.0	13812.0
2044	61	14112.0	14112.0
2045	62	14420.0	14420.0
2046	63	14737.0	14737.0
2047	64	15064.0	15064.0
		770.0	770.0
		770.0	770.0

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

CASE	TOTAL COST AND BENEFIT DISCOUNTED		B/C
	D/Rate	B-C	
1	0.060	128110.100	2.035
2	0.080	49296.810	1.472
3	0.120	-8977.812	0.883
4	0.140	-18769.290	0.719
5	0.160	-23427.430	0.600

CALCULATED IRR= 0.112

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

(Unit:Rp.M)

CASE	D/Rate	Cost	Benefit
1	0.060	123741.000	251851.100
2	0.080	104353.000	153649.800
3	0.120	76913.580	67935.770
4	0.140	66880.970	48111.680
5	0.160	58549.760	35122.330

ECONOMIC COST AND BENEFIT FLOW
FOR FLOOD CONTROL PROJECT
(Scheme 2 Case2-1 Present)

Table

(Unit:Rp.M)

Year	Year in Order	Economic Cost			Economic Benefit			Total
		Construction Cost	Replacement Cost	O & M Cost	Benefit	Negative Benefit	Total	
1984.	1	-	-	-	-	-	-	-
1985	2	-	-	-	-	-	-	-
1986	3	3790.0	-	-	3790.0	-	-	-
1987	4	3791.0	-	-	3791.0	-	-	-
1988	5	15130.0	-	-	15130.0	-	-	-
1989	6	-	-	-	-	-	-	-
1990	7	-	-	-	-	-	-	-
1991	8	19814.0	-	-	19814.0	-	-	-
1992	9	19821.0	-	-	19821.0	-	-	-
1993	10	15214.0	-	483.0	15697.0	9204.0	9204.0	9204.0
1994	11	-	-	-	-	-	-	-
1995	12	-	-	-	-	-	-	-
1996	13	-	-	-	-	-	-	-
1997	14	15218.0	-	-	15701.0	-	-	-
1998	15	-	-	1053.0	1053.0	11963.0	11963.0	11963.0
1999	16	-	-	-	-	-	-	-
2000	17	-	-	-	-	-	-	-
2001	18	-	-	-	-	-	-	-
2002	19	-	-	-	-	-	-	-
2003	20	-	-	-	-	-	-	-
2004	21	-	-	-	-	-	-	-
2005	22	-	-	-	-	-	-	-
2006	23	-	-	-	-	-	-	-
2007	24	-	-	-	-	-	-	-

2008	25				
2009	26				
2010	27				
2011	28				
2012	29				
2013	30				
2014	31				
2015	32				
2016	33				
2017	34				
2018	35				
2019	36				
2020	37				
2021	38				
2022	39				
2023	40				
2024	41				
2025	42				
2026	43				
2027	44				
2028	45				
2029	46				
2030	47				
2031	48				
2032	49				
2033	50				
2034	51				
2035	52				
2036	53				
2037	54				
2038	55				
2039	56				
2040	57				
2041	58				
2042	59				
2043	60			570.0	
2044	61				
2045	62				
2046	63			570.0	
2047	64				

					570.0
					2759.0
					2759.0
					570.0
					2759.0
					2759.0
					2759.0

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED		(Unit:Rp.M)
CASE	D/Rate	B-C
1	0.060	-3916.766
2	0.080	-24814.630
3	0.120	-37288.220
4	0.140	-37713.070
5	0.160	-36665.680

CALCULATED IRR= 0.057

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

(Unit:Rp.M)

CASE	D/Rate	Cost	Benefit
1	0.060	115325.400	111408.600
2	0.080	98057.840	73243.210
3	0.120	73409.750	36121.530
4	0.140	64309.850	26596.780
5	0.160	56704.530	20038.850

Table

ECONOMIC COST AND BENEFIT FLOW
FOR FLOOD CONTROL PROJECT
(Scheme 2 Case2-1 Future)

(Unit:Rp.M)

Year	Year in Order	Economic Cost			Economic Benefit		
		Con- struction Cost	Replac- ement Cost	0 & M Cost	Total Benefit	Hegative Benefit	Total
1984	1	-	-	-	-	-	-
1985	2	-	-	-	-	-	-
1986	3	3790.0	-	-	3790.0	-	-
1987	4	3791.0	-	-	3791.0	-	-
1988	5	15130.0	-	-	15130.0	-	-
1989	6	-	-	-	-	-	-
1990	7	-	-	-	-	-	-
1991	8	19814.0	-	-	19814.0	-	-
1992	9	19821.0	-	-	19821.0	-	-
1993	10	15214.0	-	483.0	15697.0	-	-
1994	11	-	-	-	-	-	13630.0
1995	12	-	-	-	-	-	14242.0
1996	13	-	-	-	-	-	14881.0
1997	14	15218.0	-	-	15701.0	-	15550.0
1998	15	-	-	1053.0	1053.0	-	16252.0
1999	16	-	-	-	-	-	22197.0
2000	17	-	-	-	-	-	23207.0
2001	18	-	-	-	-	-	24261.0
2002	19	-	-	-	-	-	24739.0
2003	20	-	-	-	-	-	25235.0
2004	21	-	-	-	-	-	25748.0
2005	22	-	-	-	-	-	26280.0
2006	23	-	-	-	-	-	26832.0
2007	24	-	-	-	-	-	27403.0
							27995.0

2008	25	28608.0	28608.0	-	28608.0	-	28608.0
2009	26	29246.0	29246.0	-	29246.0	-	29246.0
2010	27	29904.0	29904.0	-	29904.0	-	29904.0
2011	28	30587.0	30587.0	-	30587.0	-	30587.0
2012	29	31295.0	31295.0	-	31295.0	-	31295.0
2013	30	32030.0	32030.0	-	32030.0	-	32030.0
2014	31	32790.0	32790.0	-	32790.0	-	32790.0
2015	32	33579.0	33579.0	-	33579.0	-	33579.0
2016	33	34396.0	34396.0	-	34396.0	-	34396.0
2017	34	35243.0	35243.0	-	35243.0	-	35243.0
2018	35	36122.0	36122.0	-	36122.0	-	36122.0
2019	36	37032.0	37032.0	-	37032.0	-	37032.0
2020	37	37976.0	37976.0	-	37976.0	-	37976.0
2021	38	38787.0	38787.0	-	38787.0	-	38787.0
2022	39	39622.0	39622.0	-	39622.0	-	39622.0
2023	40	40482.0	40482.0	-	40482.0	-	40482.0
2024	41	41370.0	41370.0	-	41370.0	-	41370.0
2025	42	42284.0	42284.0	-	42284.0	-	42284.0
2026	43	43227.0	43227.0	-	43227.0	-	43227.0
2027	44	44199.0	44199.0	-	44199.0	-	44199.0
2028	45	45200.0	45200.0	-	45200.0	-	45200.0
2029	46	46232.0	46232.0	-	46232.0	-	46232.0
2030	47	47296.0	47296.0	-	47296.0	-	47296.0
2031	48	48392.0	48392.0	-	48392.0	-	48392.0
2032	49	49523.0	49523.0	-	49523.0	-	49523.0
2033	50	50689.0	50689.0	-	50689.0	-	50689.0
2034	51	51890.0	51890.0	-	51890.0	-	51890.0
2035	52	53128.0	53128.0	-	53128.0	-	53128.0
2036	53	54405.0	54405.0	-	54405.0	-	54405.0
2037	54	55721.0	55721.0	-	55721.0	-	55721.0
2038	55	57078.0	57078.0	-	57078.0	-	57078.0
2039	56	58477.0	58477.0	-	58477.0	-	58477.0
2040	57	59918.0	59918.0	-	59918.0	-	59918.0
2041	58	61297.0	61297.0	-	61297.0	-	61297.0
2042	59	62716.0	62716.0	-	62716.0	-	62716.0
2043	60	13812.0	13812.0	570.0	570.0	570.0	13812.0
2044	61	14112.0	14112.0	-	-	-	14112.0
2045	62	14420.0	14420.0	-	-	-	14420.0
2046	63	14737.0	14737.0	-	-	-	14737.0
2047	64	15064.0	15064.0	-	-	-	15064.0

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

CASE	TOTAL COST AND BENEFIT DISCOUNTED		B/C
	D/Rate	B-C	
1	0.060	157117.300	2.362
2	0.080	69141.260	1.705
3	0.120	1204.375	1.016
4	0.140	-11284.360	0.825
5	0.160	-17883.070	0.685

CALCULATED IRR= 0.122

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

(Unit:Rp. H)

CASE	D/Rate	Cost	Benefit
1	0.060	115325.400	272442.700
2	0.080	98057.840	167199.100
3	0.120	73409.750	74614.130
4	0.140	64309.850	53025.490
5	0.160	56704.530	38821.460

ECONOMIC COST AND BENEFIT FLOW
FOR FLOOD CONTROL PROJECT
(Scheme2 Case2-2 Present)

Table

(Unit:Rp.M)

Year	Year in Order	Economic Cost			Economic Benefit			Total
		Construction Cost	Replacement Cost	O & M Cost	Total Cost	Benefit	Negative Benefit	
1984	1	-	-	-	-	-	-	-
1985	2	-	-	-	-	-	-	-
1986	3	3171.0	-	-	3171.0	-	-	-
1987	4	3172.0	-	-	3172.0	-	-	-
1988	5	13971.0	-	-	13971.0	-	-	-
1989	6	-	-	-	-	-	-	-
1990	7	-	-	-	-	-	-	-
1991	8	18655.0	-	-	18655.0	-	-	-
1992	9	18663.0	-	-	18663.0	-	-	-
1993	10	15214.0	-	404.0	15618.0	8194.0	-	8194.0
1994	11	-	-	-	-	-	-	-
1995	12	-	-	-	-	-	-	-
1996	13	-	-	-	-	-	-	-
1997	14	15218.0	-	-	15622.0	-	-	-
1998	15	-	-	974.0	974.0	10953.0	-	10953.0
1999	16	-	-	-	-	-	-	-
2000	17	-	-	-	-	-	-	-
2001	18	-	-	-	-	-	-	-
2002	19	-	-	-	-	-	-	-
2003	20	-	-	-	-	-	-	-
2004	21	-	-	-	-	-	-	-
2005	22	-	-	-	-	-	-	-
2006	23	-	-	-	-	-	-	-
2007	24	-	-	-	-	-	-	-

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

CASE	TOTAL COST AND BENEFIT DISCOUNTED		B/C
	D/Rate	B-C	
1	0.060	-7954.492	0.927
2	0.080	-26272.890	0.717
3	0.120	-36503.420	0.473
4	0.140	-36461.550	0.398
5	0.160	-35151.980	0.340

CALCULATED IRR= 0.053

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

(Unit:Rp.M)

CASE	D/Rate	Cost	Benefit
1	0.060	109375.000	101420.500
2	0.080	92840.660	66567.770
3	0.120	69237.350	32733.930
4	0.140	60532.900	24071.360
5	0.160	53266.510	18114.530

Table
 ECONOMIC COST AND BENEFIT FLOW
 FOR FLOOD CONTROL PROJECT
 (Scheme 2 Case2-2 Future)

(Unit:Rp.M)

		Economic Cost			Economic Benefit		
Year	Year in Order	Construction Cost	Replacement Cost	O & M Cost	Total Benefit	Negative Benefit	Total
1984	1	-	-	-	-	-	-
1985	2	-	-	-	-	-	-
1986	3	3171.0	-	-	3171.0	-	-
1987	4	3172.0	-	-	3172.0	-	-
1988	5	13971.0	-	-	13971.0	-	-
1989	6	-	-	-	-	-	-
1990	7	-	-	-	-	-	-
1991	8	18655.0	-	-	18655.0	-	-
1992	9	18663.0	-	-	18663.0	-	-
1993	10	15214.0	-	404.0	15618.0	-	-
1994	11	-	-	-	12053.0	-	12053.0
1995	12	-	-	-	12585.0	-	12585.0
1996	13	-	-	-	13141.0	-	13141.0
1997	14	15218.0	-	-	13722.0	-	13722.0
1998	15	-	-	974.0	14331.0	-	14331.0
1999	16	-	-	-	20179.0	-	20179.0
2000	17	-	-	-	21086.0	-	21086.0
2001	18	-	-	-	22033.0	-	22033.0
2002	19	-	-	-	22511.0	-	22511.0
2003	20	-	-	-	23007.0	-	23007.0
2004	21	-	-	-	23520.0	-	23520.0
2005	22	-	-	-	24052.0	-	24052.0
2006	23	-	-	-	24604.0	-	24604.0
2007	24	-	-	-	25175.0	-	25175.0
					25767.0	-	25767.0

2008						26380.0	26380.0
2009						27018.0	27018.0
2010						27676.0	27676.0
2011						28359.0	28359.0
2012						29067.0	29067.0
2013						29802.0	29802.0
2014						30562.0	30562.0
2015						31351.0	31351.0
2016						32168.0	32168.0
2017						33015.0	33015.0
2018						33894.0	33894.0
2019						34804.0	34804.0
2020						35748.0	35748.0
2021						36559.0	36559.0
2022						37394.0	37394.0
2023						38254.0	38254.0
2024						39142.0	39142.0
2025						40056.0	40056.0
2026						40999.0	40999.0
2027						41971.0	41971.0
2028						42972.0	42972.0
2029						44004.0	44004.0
2030						45068.0	45068.0
2031						46164.0	46164.0
2032						47295.0	47295.0
2033						48461.0	48461.0
2034						49662.0	49662.0
2035						50900.0	50900.0
2036						52177.0	52177.0
2037						53493.0	53493.0
2038						54850.0	54850.0
2039						56249.0	56249.0
2040						57690.0	57690.0
2041						59069.0	59069.0
2042						60488.0	60488.0
2043					570.0	13812.0	13812.0
2044						14112.0	14112.0
2045						14420.0	14420.0
2046						14737.0	14737.0
2047						15064.0	15064.0

Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

CASE	TOTAL COST AND BENEFIT DISCOUNTED		
	D/Rate	B-C	B/C
1	0.060	142476.100	2.303
2	0.080	60809.170	1.655
3	0.120	-1301.578	0.981
4	0.140	-12421.220	0.795
5	0.160	-18144.180	0.659

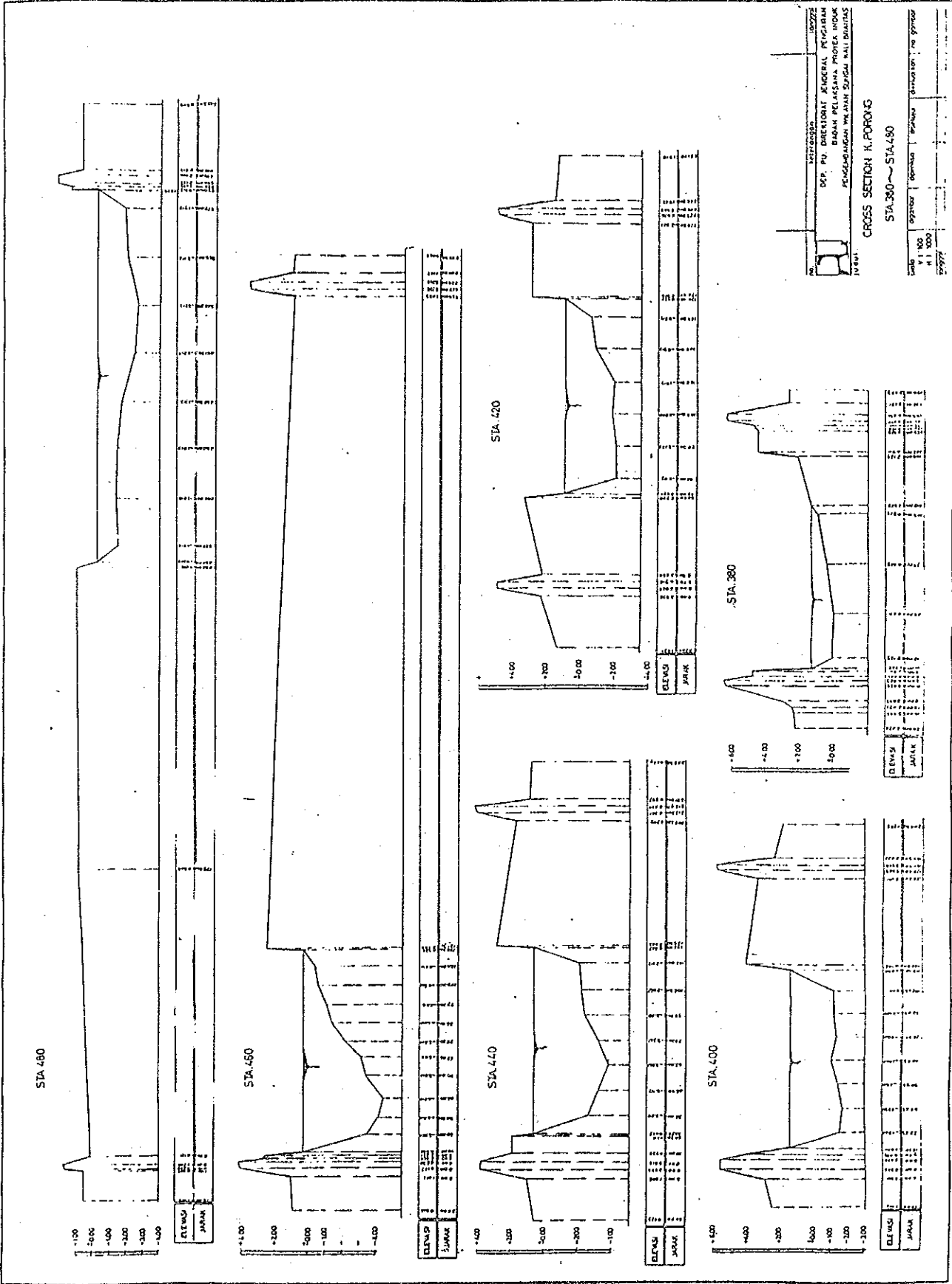
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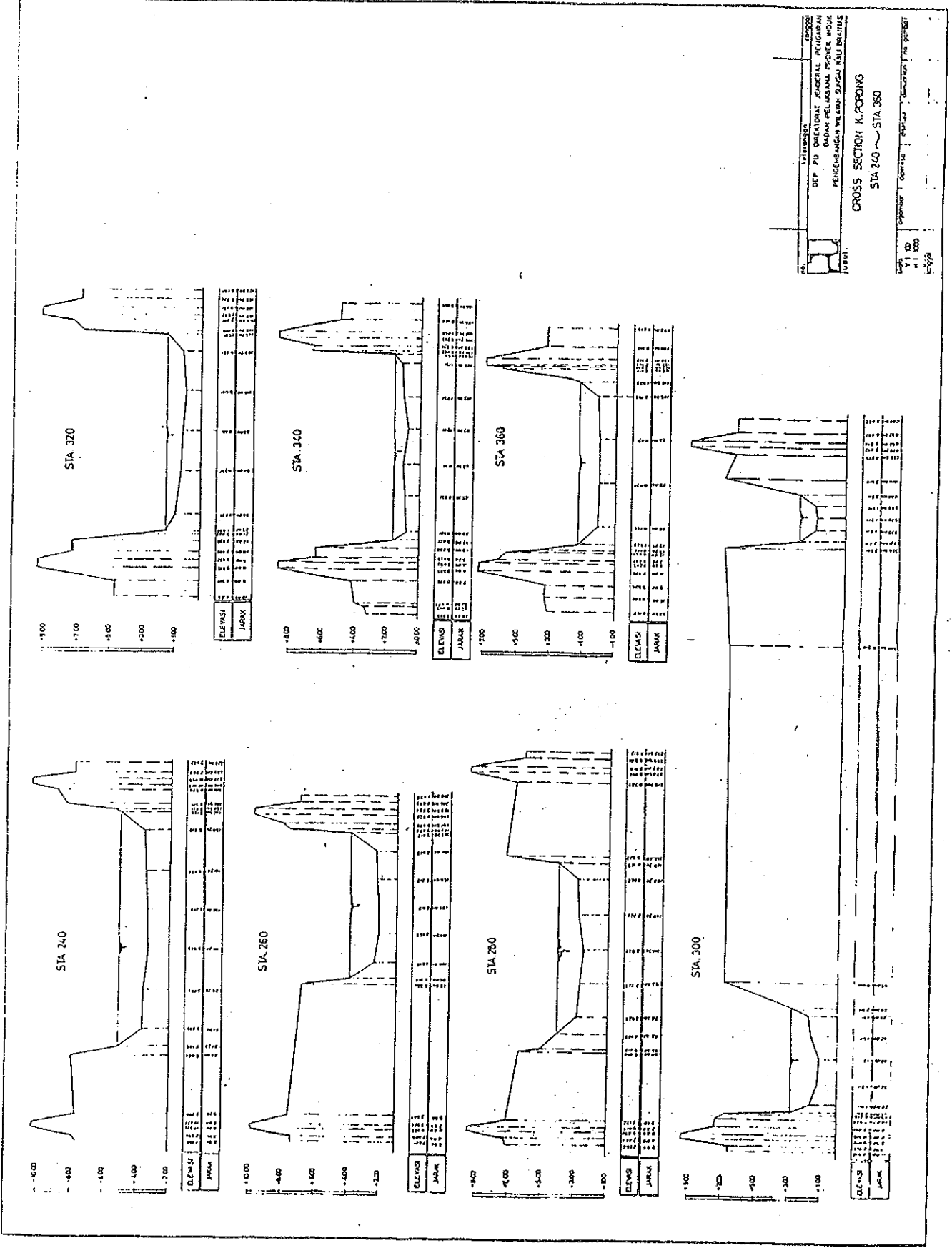
Table INTERNAL RATE OF RETURN (BASE ESTIMATE)

TOTAL COST AND BENEFIT DISCOUNTED

CASE	D/Rate	Cost	Benefit
1	0.060	109375.000	251851.100
2	0.080	92840.660	153649.800
3	0.120	69237.350	67935.770
4	0.140	60532.900	48111.680
5	0.160	53266.510	35122.330

4. RIVER CROSS SECTION ALONG
THE MAIN BRANTAS

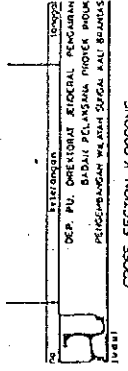
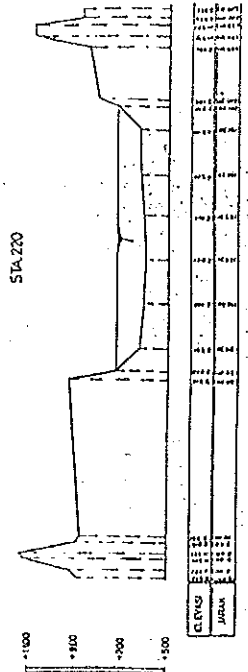
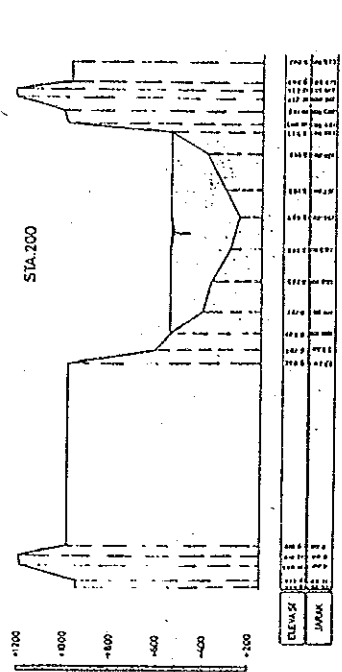
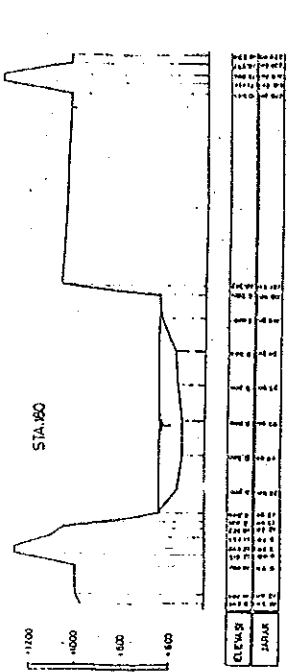
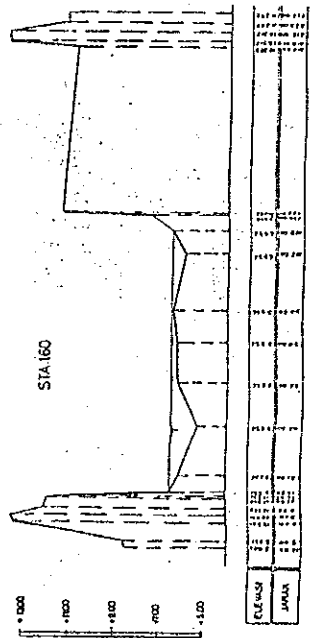
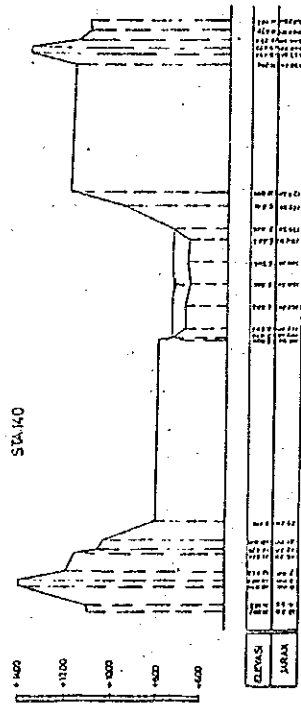
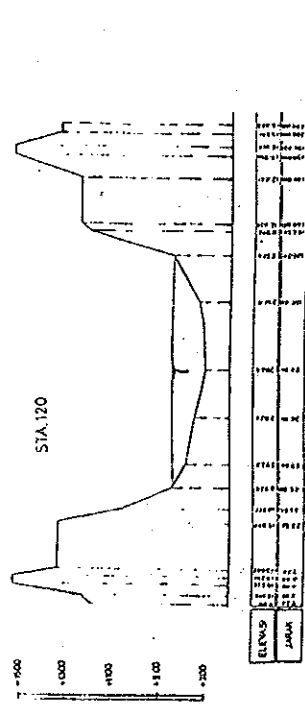




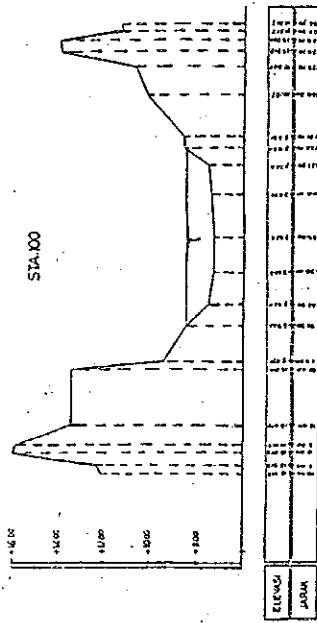
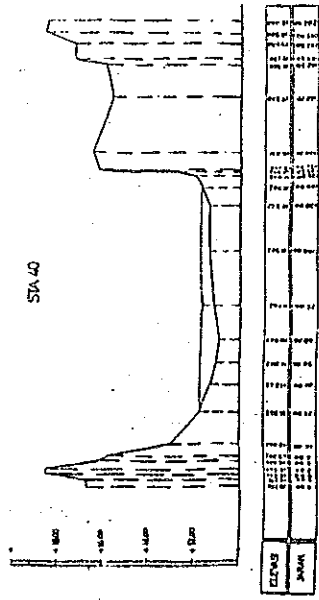
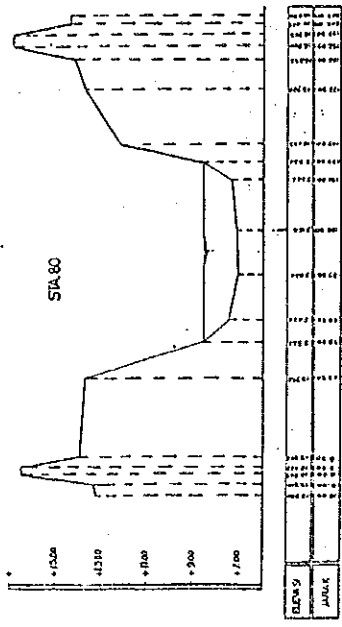
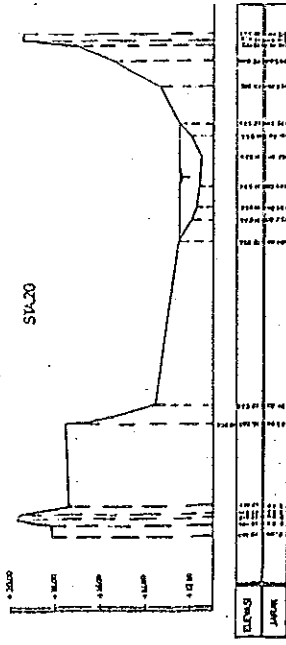
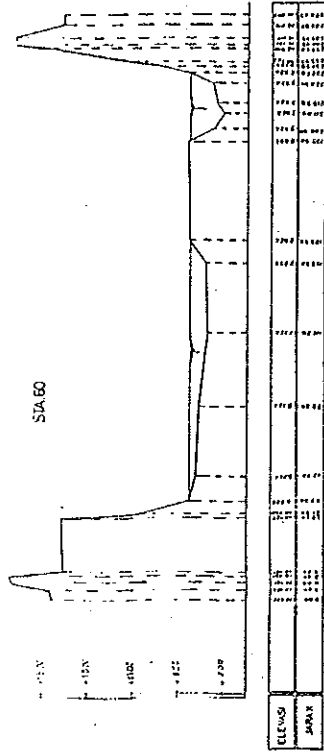
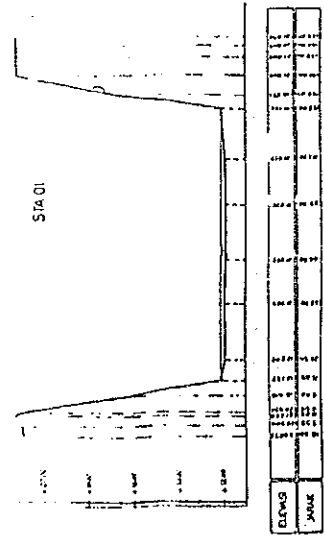
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 PENGEMBANGAN MELANAN BANGSA KAU BAHANG

CROSS SECTION K. PORONG
 STA. 240 ~ STA. 360

No. 11 000
 11 000
 11 000



STATIONING 10000
 DEP. PU, DIREKTORAT JENDERAL PENGURUSAN
 BADAH PELAYANA PROJEK PRODAK
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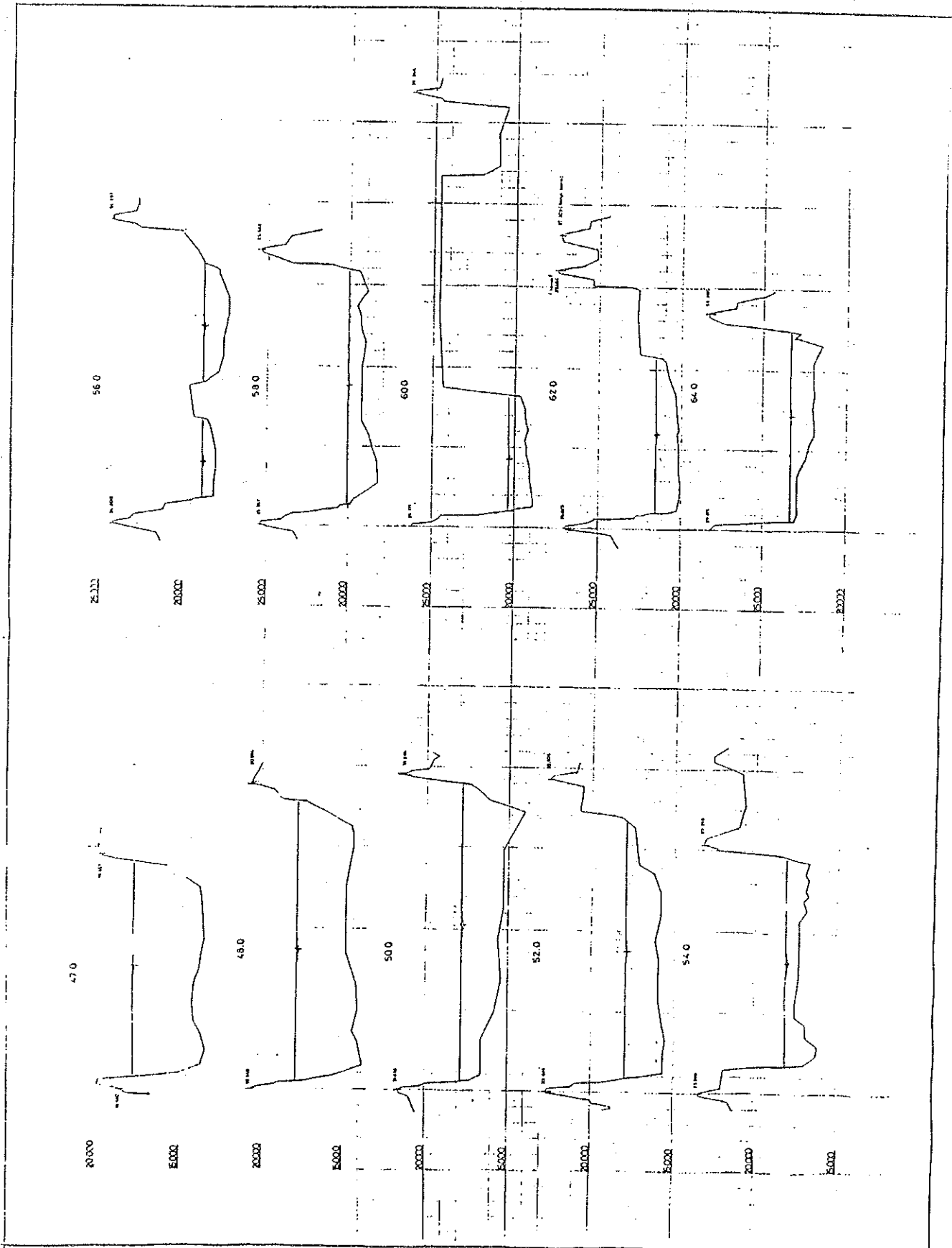
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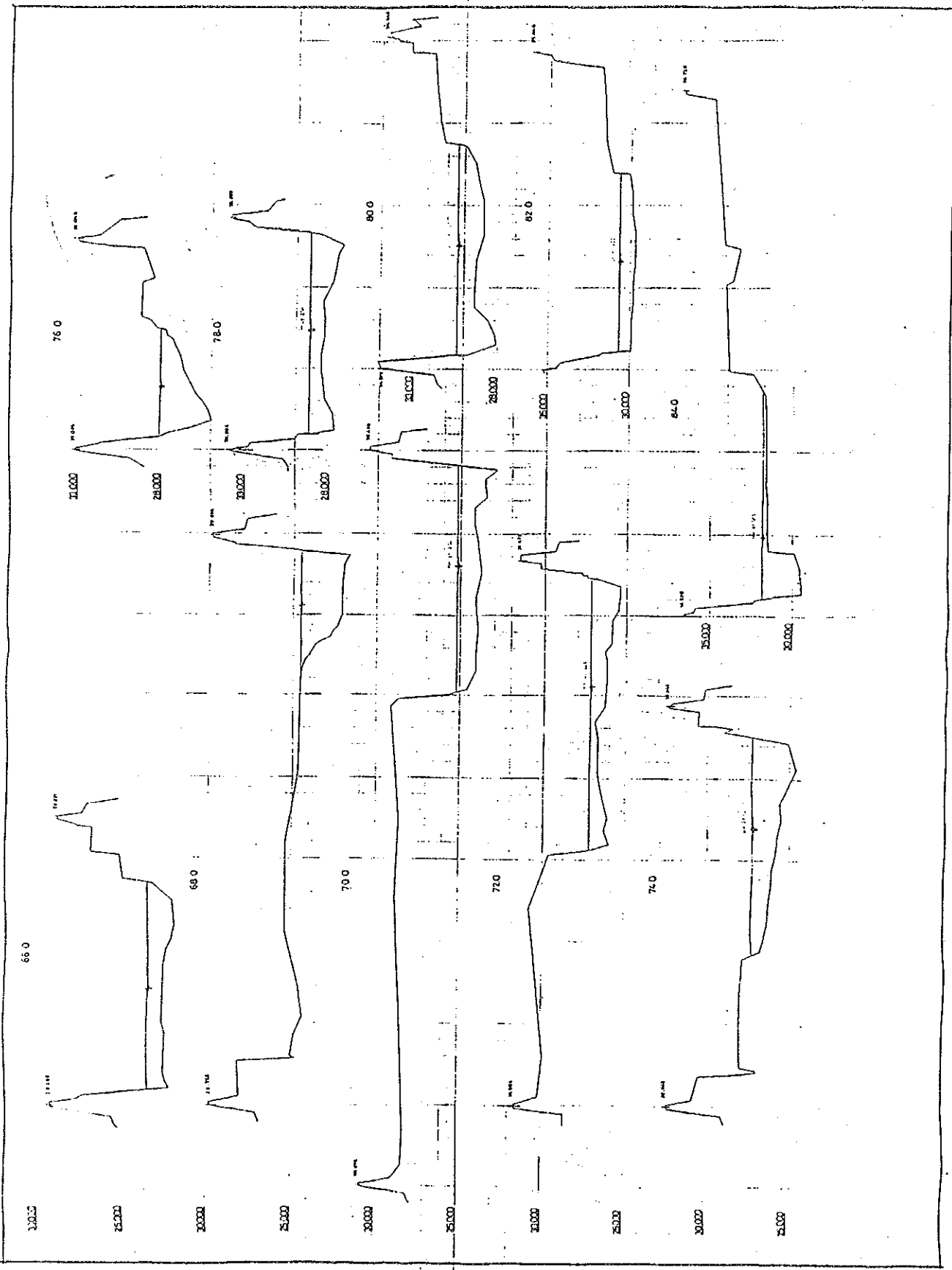
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 STA.01 ~ STA.100

NO	REVISI	DATE

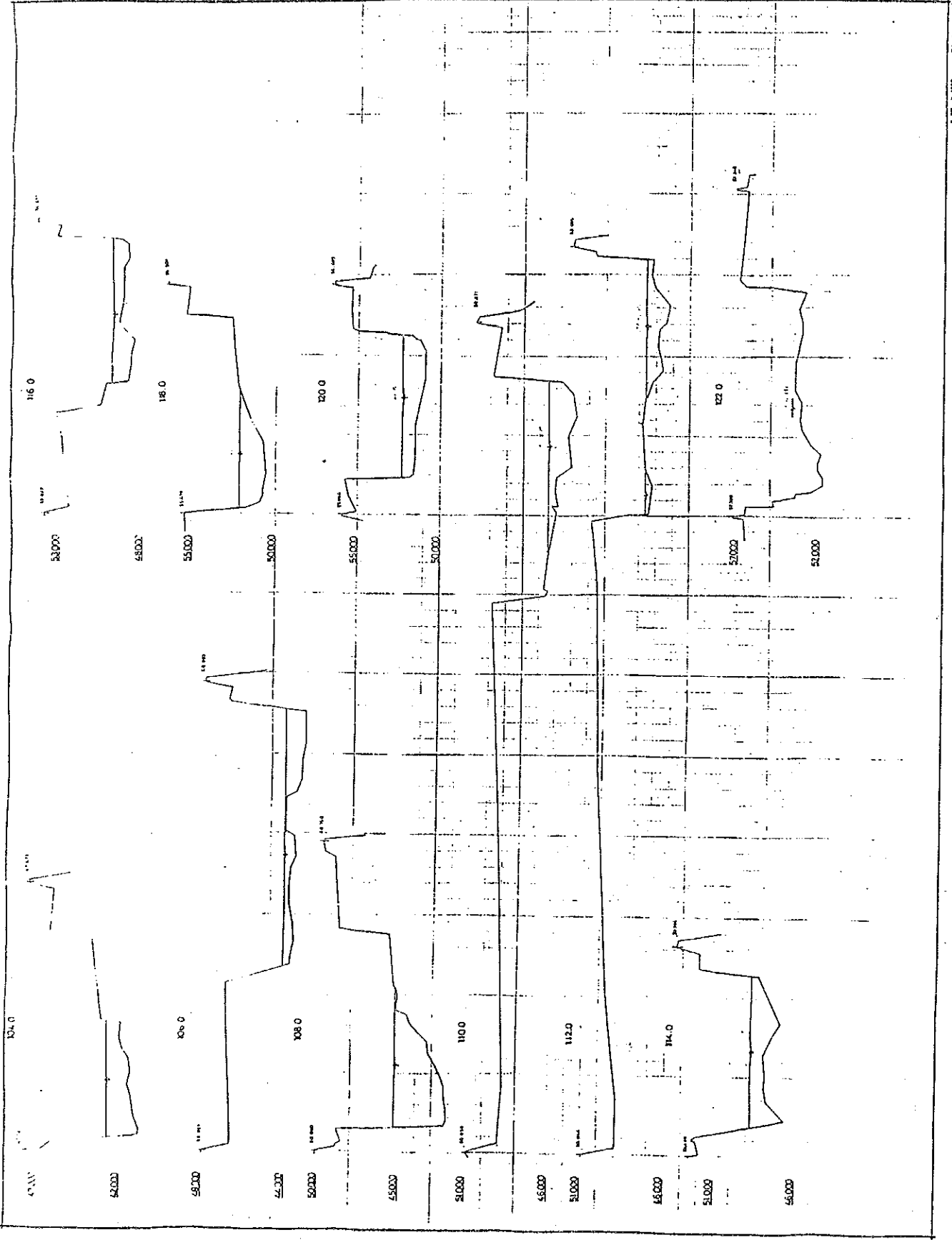
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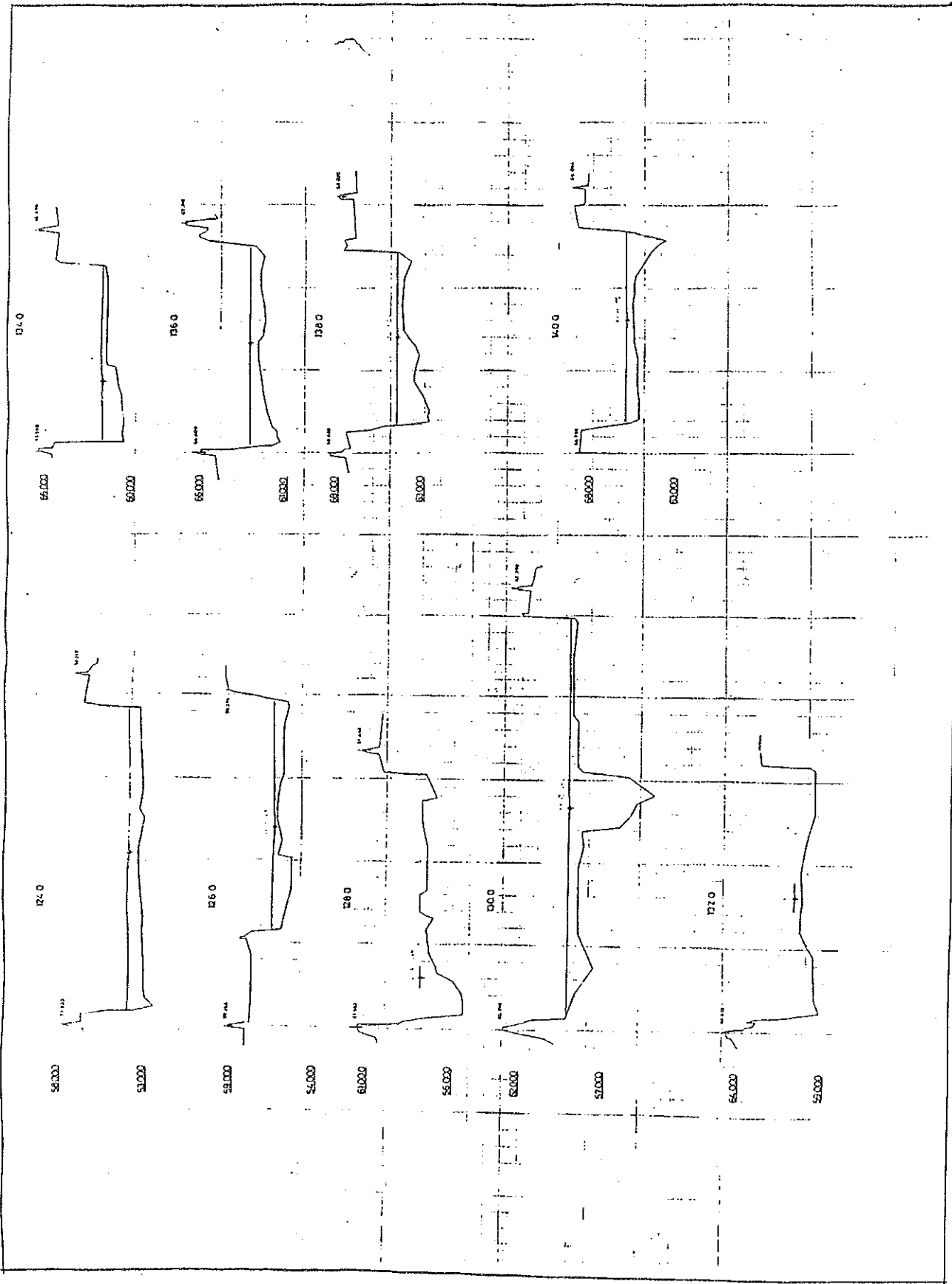
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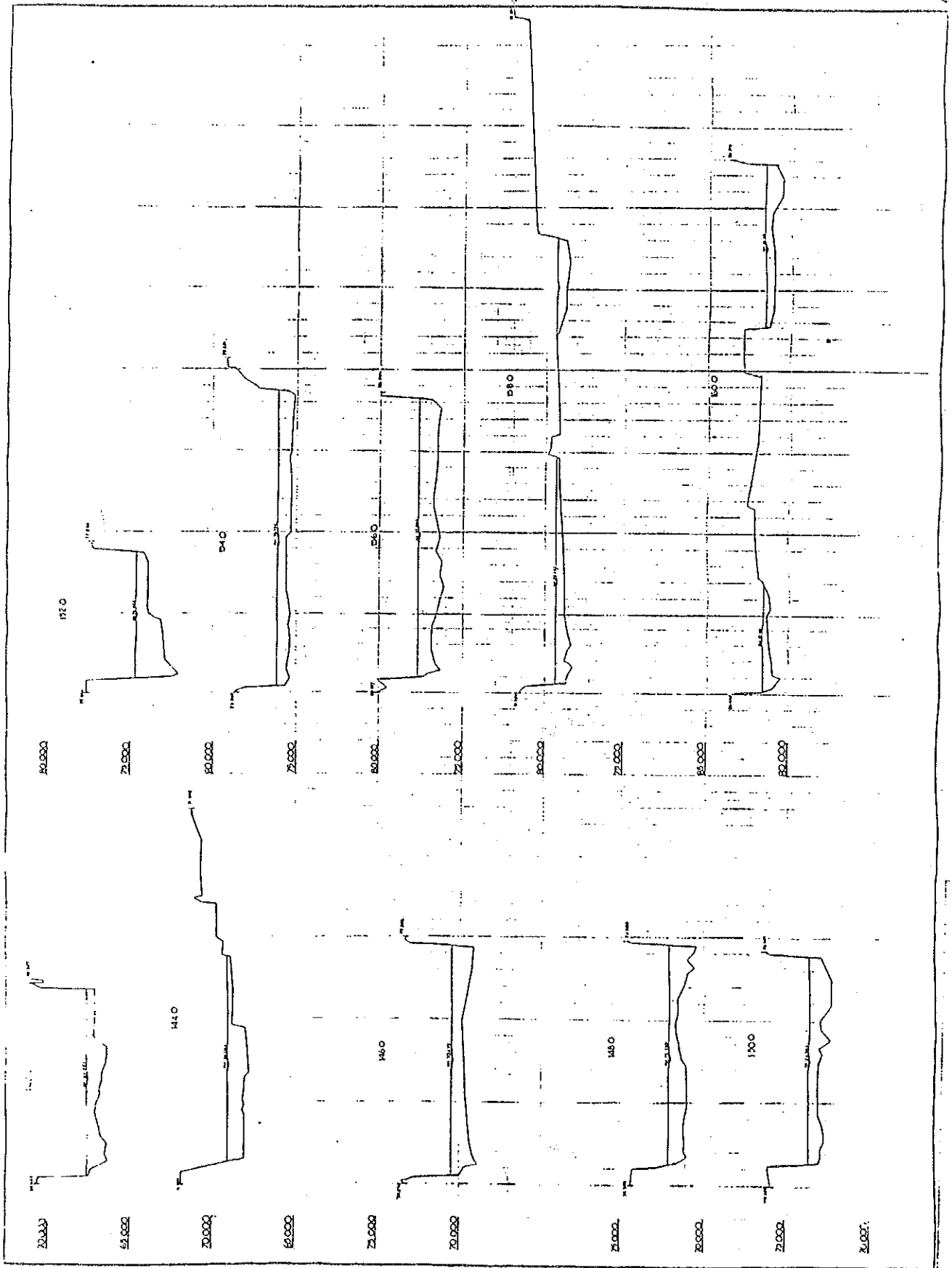




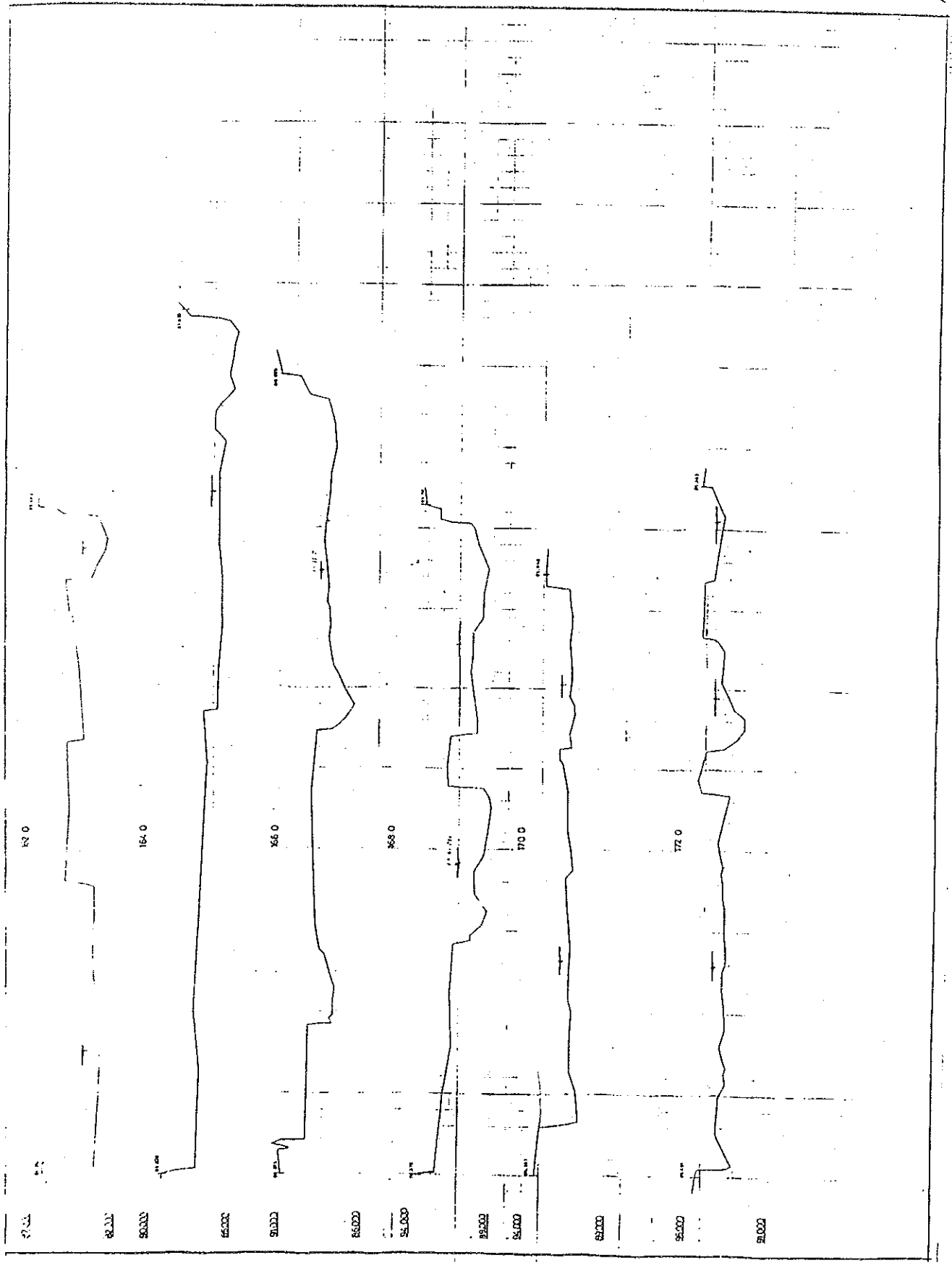


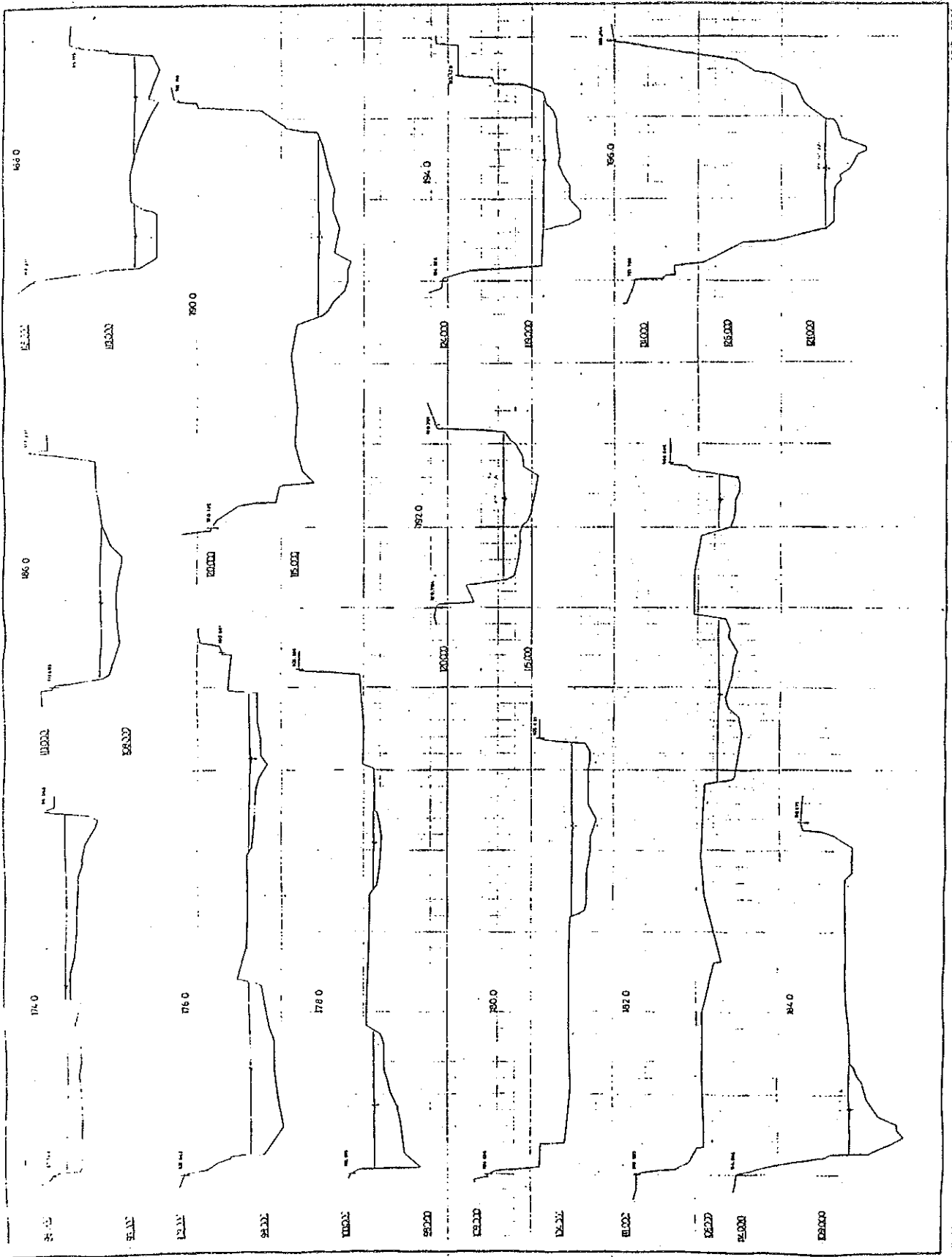






6.10





6.12

7. AGRICULTURE AND IRRIGATION

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING
INTENSITY IN IRRIGATION SECTIONS

(unit : ha)

IRR. SECTION		MALANG	KEPANJEN	BLITAR	T. AGUNG	KEDIRI	NGANJUK
Area		17,159	26,887	34,197	30,182	29,241	38,719
1980/81	WSP	15,201	21,165	27,650	25,735	22,283	34,801
	DSP	10,951	12,742	14,632	13,381	9,117	10,000
	Po I	7,056	8,677	15,948	10,222	15,768	17,829
	Po II	5,121	7,365	21,379	9,025	17,578	26,128
	S	324	4,224	991	543	4,474	1,975
Cropping Intensity I		1.52	1.36	1.24	1.30	1.07	1.16
Cropping Intensity II		1.54	1.42	1.27	1.31	1.23	1.21
Cropping Intensity III		2.25	2.01	2.36	1.95	2.37	2.34

Area		17,104	28,250	34,777	33,842	29,241	38,710
1981/82	WSP	15,130	22,465	31,271	22,455	21,063	34,703
	DSP	9,565	11,598	16,137	10,291	9,820	17,276
	Po I	6,565	7,870	15,530	12,860	15,461	21,399
	Po II	7,458	9,040	20,702	15,464	13,983	21,246
	S	398	4,768	1,739	2,030	6,345	3,368
Cropping Intensity I		1.44	1.21	1.36	0.97	1.06	1.34
Cropping Intensity II		1.47	1.37	1.41	1.03	1.27	1.43
Cropping Intensity III		1.19	1.97	2.46	1.86	2.28	2.53

Area		16,712	28,250	34,777	34,953	29,196	38,710
1982/83	WSP	13,515	21,354	31,239	25,346	20,435	33,472
	DSP	9,240	14,826	15,787	13,560	9,788	15,563
	Po I	5,838	6,118	13,987	7,784	9,885	11,600
	Po II	5,482	6,480	19,834	10,368	15,374	25,432
	S	411	5,211	1,808	3,180	6,540	4,335
Cropping Intensity I		1.36	1.28	1.35	1.11	1.04	1.26
Cropping Intensity II		1.39	1.47	1.40	1.20	1.26	1.38
Cropping Intensity III		2.06	1.91	2.38	1.72	2.12	2.34

Po I : Polowijo I
 WSP : Wet Season Paddy
 Cropping Intensity I = (WSP + DSP) / Area
 -do- II = (WSP + DSP + Sugarcane) / Area
 -do- III = (WSP + DSP + Sugarcane + Polowijo I + Polowijo II) / Area
 Po II: Polowijo II
 ; DSP : Dry Season Paddy S : Sugarcane

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY IN IRRIGATION SECTIONS

(Unit : Ha)

IRR. SECTION	JOMBANG	P A R E	M'AGUNG	M'KERTO	S'ARJO	W'KROMO	TOTAL OR AVERAGE
Area	24,311	19,301	23,222	32,194	32,609	4,976	312,887
1980/81 WSP	19,770	16,530	20,173	27,796	23,978	3,840	258,922
DSP	8,126	7,198	6,334	9,935	14,456	1,591	118,463
Po I	7,703	9,726	10,583	-	-	-	-
Po II	12,129	15,341	16,619	-	-	-	-
S	3,646	1,814	2,067	3,219	-	0	-
Cropping Intensity I	1.15	1.23	1.14	1.17	1.18	1.09	1.21
-do- II	1.30	1.32	1.23	1.32	-	1.09	-
-do- III	2.15	2.62	2.40	-	-	-	-
<hr style="border-top: 1px dashed black;"/>							
Area	24,266	19,300	23,198	32,170	32,048	3,738	316,644
1981/81 WSP	18,103	15,546	20,570	26,336	22,193	3,310	253,345
DSP	7,549	6,554	6,309	10,754	13,694	1,997	121,544
Po I	8,242	8,323	9,572	11,183	746	89	98,580
Po II	11,217	14,446	13,668	18,571	9,445	256	155,496
S	5,775	2,509	3,920	5,212	8,749	0	44,813
Cropping Intensity I	1.06	1.15	1.16	1.15	1.13	1.42	1.18
-do- II	1.30	1.28	1.33	1.32	1.40	1.42	1.35
-do- III	2.10	2.45	2.33	2.24	1.72	1.51	2.13
<hr style="border-top: 1px dashed black;"/>							
Area	24,264	19,298	23,198	32,076	31,874	3,328	316,636
1982/83 WSP	18,098	15,351	18,891	25,058	22,899	2,856	248,514
DSP	6,489	6,631	3,753	11,520	15,385	1,774	124,316
Po I	6,683	8,023	5,475	12,832	1,007	308	89,548
Po II	11,772	12,898	24,253	17,712	8,521	356	148,482
S	5,872	2,701	4,523	6,062	8,159	0	48,802
Cropping Intensity I	1.01	1.14	0.98	1.14	1.20	1.39	1.18
-do- II	1.26	1.28	1.17	1.33	1.45	1.39	1.33
-do- III	2.02	2.36	2.02	2.28	1.76	1.59	2.08

Po I : Polowijo I

Po II: Polowijo II

WSP : Wet Season Paddy

DSP : Dry Season Paddy

S : Sugarcane

Cropping intensity I = (WSP + DSP) / Area

Cropping intensity II = (WSP + DSP + Sugarcane) / Area

Cropping intensity III = (WSP + DSP + Sugarcane + Polowijo I + Polowijo II) / Area

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY FOR THE MAJOR IRRIGATION AREA WHERE IRRIGATION WATER IS TAKEN FROM THE BRANTAS

Irrigation area	Molek	Warujayeng Kertosono	Besule	Lodoyo ^{/1}	Kebon ^{/2}
Area (ha)	3,916	12,827	544		
1980/1981 WSP	3,654	11,124	344		
81 DSP	2,486	7,202	471		
Po I	202	3,025	0		
Po II	1,211	8,483	0		
S	257	1,283	73		
Cropping intensity I	1.57	1.43	1.50		
II	1.63	1.53	1.63		
III	1.99	2.42	1.63		
Area (ha)	3,991	12,827	544		12
1981/82 WSP	3,491	10,553	319		12
82 DSP	1,824	7,322	466		12
Po I	488	2,524	0		12
Po II	1,812	8,943	23		0
S	270	1,924	73		0
Cropping intensity I	1.33	1.37	1.44		2
II	1.40	1.54	1.57		2
III	1.98	2.43	1.61		3
Area (ha)	3,991	12,827	544		12
1982/83 WSP	3,614	10,442	396		12
83 DSP	2,171	7,741	571		12
Po I	631	2,393	22		0
Po II	1,221	9,213	9		12
S	270	2,180	86		0
Cropping intensity I	1.45	1.42	1.78		2
II	1.52	1.42	1.94		2
III	1.98	2.32	1.99		3
Average (1980 - 1983)					
Area (ha)	3,916	12,827	544		12
WSP	3,586	10,706	353		12
DSP	2,160	7,422	503		12
Po I	440	2,647	8		6
Po II	1,415	8,880	11		6
S	266	1,796	77		0
Cropping intensity I	1.45	1.40	1.57		2
II	1.52	1.49	1.71		2
III	1.98	2.39	1.74		3

WSP : Wet season paddy, DSP : Dry season paddy, Po I = Polowijo I
Po II : Polowijo II S : Sugarcane

Cropping intensity I = (WSP + DSP) / Area

Cropping intensity II = (WSP + DSP + S) / Area

Cropping intensity III = (WSP + DSP + S + Po I + Po II) / Area

^{/1} , ^{/2} : Under investigation of data. (As of Sept. 30, 1984)

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY FOR THE MAJOR IRRIGATION AREA WHERE IRRIGATION WATER IS TAKEN FROM THE BRANTAS

Irrigation area		Turi	Tunggorono	Bunder	Jatim lerek	Gotton
Area (ha)		1,175	1,386	275	801	679
1981/82	WSP	1,031	1,101	184	670	439
82	DSP	796	1,036	184	636	89
	Po I	324	421	151	135	0
	Po II	115	463	146	235	267
	S	127	261	60	131	127
Cropping intensity I		1.55	1.54	1.34	1.63	0.78
II		1.66	1.73	1.56	1.79	0.96
III		2.04	2.36	2.64	2.25	1.35
Area (ha)		1,175	1,356	275	801	679
1982/83	WSP	992	1,047	215	767	434
83	DSP	808	793	198	566	113
	Po I	0	0	0	0	0
	Po II	1,052	305	0	6	392
	S	169	334	60	162	234
Cropping intensity I		1.53	1.34	1.50	1.66	0.81
II		1.67	1.56	1.72	1.86	1.15
III		2.57	1.79	1.72	1.87	1.72
Average (1982 - 83)						
Area (ha)		1,175	1,386	275	801	679
	WSP	1,012	1,074	200	719	437
	DSP	802	915	191	601	101
	Po I	162	211	76	68	0
	Po II	584	768	73	121	330
	S	148	298	60	147	181
Cropping intensity I		1.54	1.44	1.42	1.65	0.80
II		1.67	1.65	1.64	1.83	1.06
III		2.31	2.08	2.18	2.06	1.54

WSP : Wet season paddy, DSP : Dry season paddy, Po I = Polowijo I
Po II: Polowijo II, S : Sugarcane

Cropping intensity I = (WSP + DSP) / Area

Cropping intensity II = (WSP + DSP + S) / Area

Cropping intensity III = (WSP + DSP + S + Po I + Po II) / Area

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY FOR THE MAJOR IRRIGATION AREA WHERE IRRIGATION WATER IS TAKEN FROM THE BRANTAS

Irrigation area	Ngares	Wates pinngir	Losari	Jatikulon
Area (ha)	1,855	374	665	621
1980/81 WSP	1,370	221	566	618
81 DSP	260	0	45	525
Po I	724	117	450	11
Po II	1,024	129	340	112
S	394	153	80	0
Cropping intensity I (%)	89.8	59.1	91.9	184.1
" II (%)	111.5	100.0	103.9	184.1
" III (%)	208.8	165.8	222.7	203.9
Area (ha)	1,814	374	665	621
1981/82 WSP	1,143	212	489	587
82 DSP	119	0	21	559
Po I	637	156	396	3
Po II	765	0	164	22
S	645	162	176	17
Cropping intensity I (%)	69.6	56.7	76.7	184.1
" II (%)	105.1	100.0	103.2	186.8
" III (%)	182.4	141.7	187.4	190.8
Area (ha)	1,814	374	665	621
1982/83 WSP	1,037	204	476	513
83 DSP	345	0	7	293
Po I	734	147	438	3
Po II	588	0	308	0
S	669	170	167	83
Cropping intensity I (%)	76.2	54.5	72.6	129.8
" II (%)	113.1	100.0	97.7	143.1
" III (%)	185.9	139.3	209.9	143.6
Average (1981 - 83)				
Area (ha)	1,815	374	665	621
WSP	1,183	212	573	573
DSP	241	0	24	459
Po I	704	140	428	6
Po II	792	43	271	45
S	569	161	141	33
Cropping intensity I (%)	78.5	56.7	89.8	166.2
" II (%)	109.8	99.7	111.0	167.1
" III (%)	192.2	148.7	216.1	175.4

WSP : Wet season paddy, DSP : Dry season paddy, Po I : Polowijo I
Po II: Polowijo II S : Sugarcane

Cropping intensity I = (WSP + DSP) / Area

Cropping intensity II = (WSP + DSP + S) / Area

Cropping intensity III = (WSP + DSP + S + Po I + Po II) / Area

Source : KEADAAN IRIGASI

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY FOR THE MAJOR IRRIGATION AREA WHERE IRRIGATION WATER IS TAKEN FROM THE BRANTAS

Irrigation area	Porong	Magetan	Voor
Area (ha)	12,339	17,719	1,029
1980/81 WSP	9,236	14,129	714
81 DSP	5,907	8,515	122
Po I	2,035	2,442	328
Po II	5,821	5,715	594
S	3,084	3,366	308
Cropping intensity I	1.23	1.28	0.81
II	1.48	1.47	1.11
III	2.11	1.92	2.0
Area (ha)	12,274	17,416	1,029
1981/82 WSP	8,287	11,569	717
82 DSP	5,268	8,415	130
Po I	1,063	1,203	255
Po II	4,630	4,485	533
S	3,682	5,224	308
Cropping intensity I	1.10	1.15	0.82
II	1.40	1.45	1.12
III	1.87	1.77	1.89
Area (ha)	12,240	17,513	1,017
1982/83 WSP	8,821	12,826	611
83 DSP	6,958	9,294	133
Po I	1,042	1,100	245
Po II	5,279	4,708	494
S	3,182	4,553	396
Cropping intensity I	1.29	1.26	0.73
II	1.55	1.52	1.12
III	2.07	1.85	1.85
Average (1981 - 83)			
Area (ha)	12,284	17,549	1,025
WSP	8,781	12,841	747
DSP	6,044	8,651	128
Po I	1,380	1,582	276
Po II	5,243	4,969	540
S	3,316	4,381	337
Cropping intensity I	1.20	1.23	0.79
II	1.48	1.48	1.12
III	2.02	1.85	1.91

WSP : Wet season paddy, DSP : Dry season paddy, Po I = Polowijo I
Po II : Polowijo II S : Sugarcane

Cropping intensity I = (WSP + DSP) / Area

Cropping intensity II = (WSP + DSP + S) / Area

Cropping intensity III = (WSP + DSP + S + Po I + PoII) / Area

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY
FOR THE MAJOR IRRIGATION AREA WHERE
IRRIGATION WATER IS TAKEN FROM THE BRANTAS

Irrigation area	Simowan	Kebonagung	Jombang	Karah	Rowowiyong
Area (ha)	243	750	62	79	421
1981/82 WSP	243	737	62	79	93
82 DSP	213	724	50	59	84
Po I					
Po II				5	52
S					
Cropping intensity I	1.88	1.95	1.81	1.75	0.43
II	1.88	1.95	1.81	1.75	0.43
III	1.88	1.95	1.81	1.75	0.55
Area (ha)	222	730	50	64	398
1982/83 WSP	198	635	50	54	63
83 DSP	202	683	50	36	17
Po I				10	-
Po II				5	94
S				-	-
Cropping intensity I	1.80	1.81	2.00	1.41	0.20
II	1.80	1.81	2.00	1.41	0.20
III	1.80	1.81	2.00	1.64	0.44
Average (1982 - 83)					
Area (ha)	233	740	56	71	409
WSP	220	686	56	66	79
DSP	207	704	50	47	50
Po I	-	-	-	5	-
Po II	-	-	-	5	73
Cropping intensity I	1.83	1.88	1.89	1.59	0.32
II	1.83	1.88	1.89	1.59	0.32
III	1.83	1.88	1.89	1.73	0.49

WSP : Wet season paddy, DSP : Dry season paddy, Po I = Polowijo I

Po II : Polowijo II S : Sugarcane

Cropping intensity I = (WSP + DSP)/Area

Cropping intensity II = (WSP + DSP + S)/Area

Cropping intensity III = (WSP + DSP + S + Po I + Po II)/ Area

HARVESTED AREA AND CROP INTENSITY

HARVESTED AREA AND CROPPING INTENSITY
FOR THE MAJOR IRRIGATION AREA WHERE
IRRIGATION WATER IS TAKEN FROM THE BRANTAS

Irrigation area		Gunungsari	Kali Bokor	Joblokan
Area (ha)		869	649	665
1981/82	WSP	869	649	615
	DSP	152	574	308
	Po I	5	-	84
	Po II	53	-	193
	S	-	-	-
Cropping intensity	I	1.17	1.88	1.39
	II	1.17	1.88	1.39
	III	1.24	1.88	1.80
Area (ha)		827	479	558
1982/83	WSP	827	472	546
	DAP	137	477	240
	Po I	67	-	236
	Po II	5	-	252
	S	-	-	-
Cropping intensity	I	1.17	1.98	1.41
	II	1.17	1.98	1.41
	III	1.25	1.98	2.28
Average (1982 - 83)				
Area (ha)		848	564	611
	WSP	848	560	580
	DSP	144	525	274
	Po I	36	-	160
	Po II	29	-	222
Cropping intensity	I	1.17	1.92	1.40
	II	1.17	1.92	1.40
	III	1.25	1.92	0.02

WSP : Wet season paddy, DSP : Dry season paddy, Po I = Polowijo I

Po II : Polowijo II S : Sugarcane

Cropping intensity I : (WSP + DSP) / Area

Cropping intensity II : (WSP + DSP + S) / Area

Cropping intensity III : (WSP + DSP + S + Po I + Po II) / Area

HARVESTED AREA AND CROP INTENSITY

DISTRIBUTION PERCENTAGE OF CROP
VARIETIES IN POLOWIJO I AND II IN 1983

(Unit : %)

NAME OF IRRIGATION SECTION	POLOWIJO	MAIZE	SOYBEANS	OTHERS
Irrigation Section				
(1) Malang	I	20	0	80
	II	41	0	56
(2) Kebanjen	I	19	62	19
	II	2	85	13
(3) Blitar	I	11	19	70
	II	37	4	59
(4) Tulungagung	I	14	31	55
	II	40	21	39
(5) Kediri	I	15	54	71
	II	60	8	32
(6) Nganjuk	I	6	81	13
	II	29	52	19
(7) Pare	I	(23)	(57)	(20)
	II	(80)	(2)	(18)
(8) Jombang	I	23	37	20
	II	80	2	18
(9) Mojoagung	I	(23)	(57)	(20)
	II	(80)	(2)	(18)
(10) Mojokerto	I	2	79	19
	II	39	11	50
(11) Sidoarjo	I	5	65	30
	II	23	18	59
(12) Wonokromo	I	27	1	72
	II	12	1	87

SOURCE : SE 21

() : It is assumed to be same value in Jombang due to lack of data.

HARVESTED AREA AND CROP INTENSITY

AREA WITH LOW CROPPING INTENSITY

NAME OF DAERAH IRIGASI (DI)	No. of Code DI	CROPPING INTENSITY		
		81/82	82/83	Average
1. Seksi Malang				
1. K.Brantas Atas	52a	74	73	74
2. Sbr. Brantas	52	68	86	77
3. Sumber Metro	72	121	124	123
2. Seksi Kapanjen				
1. K.Jaruman Kebon Atas	69	132	107	120
2. K.Biru	77	146	109	128
3. K.Gombong	76	143	113	128
4. Sbr.Kemanten	67	112	105	109
5. Sbr.Meri	64	118	140	129
3. Seksi Blitar				
1. Temas	63	92	123	108
2. Gedog	64	81	98	90
3. Kajar	65	108	105	107
4. Srengat Barat	66	115	123	119
5. Putih	80	112	116	114
6. Jimbe	90	85	90	88
7. Judeg	91	89	78	84
8. Lemon	94	94	82	88
9. Jolosutro	85	94	90	92
10. Ngrenang	89	35	179	104
11. Cerme	71	148	100	124

Source : AI 04

Cropping Intensity = (Total harvested area of paddy and sugarcane / total area.

HARVESTED AREA AND CROP INTENSITY

AREA WITH LOW CROPPING INTENSITY

(Unit : %)

NAME OF DI	No. of Code DI	CROPPING INTENSITY		
		1981/82	1982/83	Average
4. Seksi Tulungagung				
1. Mlijon	51	83	89	86
2. Ngepeh	49	51	66	59
3. Bendo	48	79	91	85
4. Babaan	40	126	116	121
5. Klantur	41	116	124	120
6. Sakun	45	69	127	98
7. Sbr.Gpl.Lodagung	50	117	103	110
8. J a t i		120	140	130
5. Seksi Kediri				
1. Genjeng	15	104	112	108
2. Bakung	16	107	120	114
3. Bendomongal	19	91	100	96
4. Bendokrosok	20	127	96	112
5. K e d o k	21	109	104	107
6. B r u n o	22	110	101	106
7. Pandansari	25	119	97	108
8. Toyoaning	26	115	105	110
9. Kresek Bawah	31a	107	114	111
10. Tawang	32	106	117	112
11. Selodono	36	91	112	102
12. Putung	37	103	109	106
13. Kalasan	30	139	106	123
14. Sekarrejo	29	140	109	125
15. Dermo	27	145	84	115
16. Mantren	28	130	113	122
17. Segaran	33	141	114	128

Source : AI 04

HARVESTED AREA AND CROP INTENSITY

AREA WITH LOW CROPPING INTENSITY

(Unit : %)

NAME OF DI	No. of Code DI	CROPPING INTENSITY		
		1981/82	1982/83	Average
6. Seksi Nganjuk				
1. Jurang Dandang	8	120	81	101
2. Ketandan	8a	123	127	125
3. Jenggowar	6	95	89	92
4. Kedung Gupit	10	95	106	101
5. Perning	9	153	100	127
6. Rejoso	4	91	101	96
7. Tretes	7	92	96	94
8. Kedung Maron	3	101	104	103
9. Kedung Padang	5	81	104	93
10. Kunci	11	120	136	128
11. Bodor	12	108	137	123
7. Seksi Pare				
1. S.Gresikan	76b	112	127	120
2. Palembang II	69b	103	120	112
3. S.Srimping	67b	124	120	122
4. Konto Atas & GS	82a	116	120	118
5. K.Pulosari	70	96	119	108
6. K.Ngino	72	100	118	109
7. S.Wonorejo	76a	111	122	117
8. S.Bringin	71b	92	126	109
9. S.Ketengi	71c	138	118	128
10. Palembang I	69a	107	116	112
11. Mejono Bangi	68	91	93	92
12. Kunden	71d	133	117	125
13. Ampomangiran	71a	119	131	125
14. S.Siman	67a	117	137	127
8. Seksi Jombang				
1. Rejoagung IV	64b	120	114	117
2. Konto Sby. Atas	69/67	138	118	128
3. Konto Sby. Tengah	67a	115	112	114
4. Rejoagung III	64a	110	118	117
5. Luar Brantas	74	99	96	98
6. Wangkal	70b	113	114	114
7. Goffan I + II	73c	111	122	117
8. Dungus	81/68	143	99	121
9. Konto Kediri	71a	116	119	118
10. Afi Simo/ Besuk	71c	123	130	127

Source : AI 04

HARVESTED AREA AND CROP INTENSITY

AREA WITH LOW CROPPING INTENSITY

(Unit : %)

NAME OF DI	No. of Code DI	CROPPING INTENSITY		
		1981/82	1982/82	Average
9. Seksi Mojoagung				
1. Sal Sentul	72a	157	92	125
2. Sal Tanggal Rejo	57	118	91	105
3. Sal Bareng	54	130	105	118
4. Sal Slumbung	56	111	122	117
5. Sal Rejoagung I	64a	118	103	111
6. K.Sembung	60	141	102	122
7. K.Pakel	52	140	102	121
8. K.Gogor	53	129	98	114
9. Sal Polorejo II	65a	89	96	93
10. K.Pancir	55	116	112	114
11. Sal Sbr.Buntung	63	124	108	116
10. Seksi Mojokerto				
1. Sal Ketintang	41	102	114	108
2. Sal Ngares I-IV	73a	112	119	116
3. Sal Candilimo	50	112	111	112
4. Sal Pengaran	49	96	110	103
5. Sal Cumpleng	33	108	129	119
6. San Subontoro	42	126	92	109
7. Sal Sengon	42a	93	24	59
8. Sal Kwanger	73a	144	100	122
9. Losari	73d	107	136	122
10. Sal Wates Pinggir	73c	107	143	125
11. Sal Kromong II	35			
12. Sal Penewon	51	117	130	124
13. Sal Jurong Cetot	47a	128	-	
11. Seksi Sidoarjo				
1. Sbr.Pompa		90	117	104
12. Seksi Wonokromo				
1. Rowo Wiyung		38	73	56

Source : AI 04

CROP PRODUCTION AND YIELD

TOTAL PRODUCTION OF LOW LAND PADDY
IN KABUPATEN RELATED TO THE BRANTAS BASIN

(Unit : Ton/ Dry Paddy)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	362,918.49	396,111.18	372,138.60	378,692.60	377,465
2. Blitar	235,355.25	249,532.4	251,506.60	272,656.89	252,262
3. Tulungagung	111,490.20	140,004.64	123,792.00	124,036.42	124,831
4. Trenggalek	72,464.86	91,114.08	74,645.08	81,033.90	79,816
5. Kediri	307,304.34	320,010.25	314,687.00	360,958.09	325,740
6. Nganjuk	267,410.88	296,292.68	294,109.08	303,658.08	290,367
7. Jombang	317,746.22	319,998.98	304,329.65	324,096.50	316,542
8. Mojokerto	227,600.76	236,109.60	236,291.58	242,171.36	235,543
9. Sidoarjo	230,486.88	221,383.47	210,659.15	207,202.52	217,433
10. Pasuruan	348,262.34	361,986.54	348,556.26	383,991.96	360,699
KODYA					
11. Ko.Surabaya	34,975.52	34,132.96	27,939.84	31,651.80	32,174

Source : SE 02

CROP PRODUCTION AND YIELD

HARVESTED AREA OF LOW LAND PADDY IN
KABUPATEN RELATED TO THE BRANTAS BASIN

(Unit : ha)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	70,197	76,322	67,052	66,205	69,944
2. Blitar	46,605	47,987	45,235	47,091	46,730
3. Tulungagung	24,237	29,662	25,790	25,362	26,263
4. Trenggalek	14,669	18,296	14,468	15,889	15,831
5. Kediri	58,758	59,815	58,820	60,797	59,148
6. Nganjuk	52,848	55,694	52,147	54,128	53,704
7. Jombang	57,046	57,866	54,055	54,470	55,859
8. Mojokerto	43,188	43,724	41,674	43,556	43,036
9. Sidoarjo	41,232	41,073	37,685	36,098	39,022
10. Pasuruan	60,253	62,197	58,287	65,978	61,679
KODYA					
11. Ko.Surabaya	9,302	8,912	6,848	7,430	8,123

Source : SE 02

CROP PRODUCTION AND YIELD

TOTAL PRODUCTION OF MAIZE IN

KABUPATENS RELATED TO THE BRANTAS BASIN

(Unit : ton)

Region of Origin (Kabupaten & Kodya)	1980	1981	1982	1983	Average
Kabuparen					
1. Malang	147,732.64	157,367.72	146,673.45	175,445.48	156,804
2. Blitar	32,192.26	40,041.75	22,661.10	31,618.72	31,628
3. Tulungagung	28,166.42	23,751.00	19,840.44	30,617.78	25,594
4. Trenggalek	16,013.44	16,823.88	6,903.12	16,152.89	13,973
5. Kediri	106,997.12	101,069.85	95,674.88	158,625.30	115,531
6. Nganjuk	54,395.91	67,115.56	52,032.24	64,954.12	59,624
7. Jombang	29,197.50	30,216.55	19,500.48	42,994.56	30,477
8. Mojokerto	18,976.00	28,767.44	12,942.60	22,367.52	20,753
9. Sidoarjo	2,404.80	2,063.70	1,561.48	2,697.30	2,106
10. Pasuruan	53,273.46	49,720.29	48,425.44	53,657.52	51,269
11. Ko. Surabaya	343.71	977.40	494.71	474.36	572

Source : SE 02

CROP PRODUCTION AND YIELD

HARVESTED AREA OF MAIZE IN KABUPATEN
RELATED TO THE BRANTAS BASIN

(Unit : ha)

Region of Origin (Kabupaten & Kodya)	1980	1981	1982	1983	Average
Kabupaten					
1. Malang	83,939	90,964	77,605	89,513	85,505
2. Blitar	23,498	27,615	16,786	21,364	22,316
3. Tulungagung	14,594	11,700	9,822	14,363	12,620
4. Trenggalek	8,384	8,247	3,522	7,309	6,866
5. Kediri	43,144	41,353	35,968	49,110	42,394
6. Nganjuk	21,164	22,522	17,004	21,089	20,445
7. Jombang	19,465	20,839	13,542	19,194	18,260
8. Mojokerto	18,976	20,696	11,766	15,216	16,689
9. Sidoarjo	2,672	2,393	1,516	1,830	2,078
10. Pasuruan	45,244	40,423	38,740	39,454	40,964
11. Ko. Surabaya	603	1,629	811	708	938

Source : SE 02

CROP PRODUCTION AND YIELD

TOTAL PRODUCTION OF SOYBEANS IN

KABUPATENS RELATED TO THE BRANTAS BASIN

(Unit : ton)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	5,815.48	2,571.03	2,558.52	2,286.00	2,808
2. Blitar	5,207.24	5,639.22	3,943.20	4,208.48	4,749
3. Trenggalek	1,672.45	1,292.91	1,374.75	1,219.52	1,389
4. Tulungagung	4,874.76	4,983.70	3,847.68	3,529.55	4,183
5. Kediri	5,450.64	6,349.02	6,846.40	5,224.85	5,841
6. Nganjuk	15,998.00	19,286.50	18,504.96	19,384.25	18,281
7. Jombang	19,302.85	18,304.80	14,392.08	13,211.52	16,302
8. Mojokerto	8,155.44	10,493.07	8,636.24	9,586.12	9,218
9. Sidoarjo	2,443.75	1,992.83	1,308.48	953.19	1,674
10. Pasuruan	23,593.50	23,648.19	21,294.72	29,679.10	24,553
KODYA					
11. Ko.Surabaya	31.92	3.15	5.58	1.2	10

Source : SE 02

CROP PRODUCTION AND YIELD

HARVESTED AREA OF SOYBEANS IN

KABUPATEN RELATED TO THE BRANTAS BASIN

(Unit : ha)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	5,614	4,081	3,708	3,175	4,744
2. Blitar	8,978	9,558	6,572	7,256	8,091
3. Tulungagung	2,573	1,821	1,833	1,648	1,969
4. Trenggalek	8,413	8,170	6,012	4,835	6,858
5. Kediri	6,988	8,573	7,933	6,295	7,447
6. Nganjuk	21,050	24,350	23,424	22,805	22,907
7. Jombang	23,540	22,881	17,768	15,728	19,979
8. Mojokerto	11,327	12,061	10,532	10,198	11,030
9. Sidoarjo	2,875	2,401	1,392	1,071	1,935
10. Pasuruan	26,215	26,571	22,182	26,981	25,487
KODYA					
11. Ko.Surabaya	57	5	9	2	18

Source : SE02

CROP PRODUCTION AND YIELD

TOTAL PRODUCTION OF GROUND NUTS IN
KABUPATENS RELATED TO THE BRANTAS BASIN

(Unit : Ton)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	2,579.31	2,950.50	1,806.75	1,965.00	2,310
2. Blitar	6,925.52	7,128.78	6,560.21	5,514.64	6,532
3. Tulungagung	3,874.95	3,358.72	2,782.26	3,006.36	3,255
4. Trenggalek	727.47	869.76	601.80	1,289.28	872
5. Kediri	4,365.00	4,428.97	5,279.27	5,424.68	4,374
6. Nganjuk	2,554.63	1,364.52	1,161.95	1,528.44	1,402
7. Jombang	2,614.23	2,405.70	2,652.21	2,422.53	2,523
8. Mojokerto	2,839.60	2,766.10	2,068.80	2,151.17	2,204
9. Sidoarjo	179.52	81.62	910.02	72.98	311
10. Pasuruan	7,660.80	6,939.45	9,607.12	7,953.40	8,040
KODYA					
11. Ko.Surabaya	62.04	93.72	96.46	29.12	70

Source : SE 02

CROP PRODUCTION AND YIELD

HARVESTED AREA OF GROUND NUTS IN
KABUPATEN RELATED TO THE BRANTAS BASIN

(Unit : ha)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	3,189	3,934	2,475	2,620	3,055
2. Blitar	12,567	12,291	11,119	9,508	11,321
3. Tulungagung	4,925	4,096	3,393	3,579	3,993
4. Trenggalek	1,233	1,359	1,003	1,632	1,307
5. Kediri	4,856	4,867	5,227	3,171	4,539
6. Nganjuk	2,019	1,644	1,367	1,626	1,626
7. Jombang	2,811	2,430	2,679	2,447	2,592
8. Mojokerto	3,930	2,030	2,586	2,723	2,817
9. Sidoarjo	204	106	111	89	128
10. Pasuruan	7,980	6,609	9,512	6,916	7,754
KODYA					
11. Ko.Surabaya	132	213	182	52	145

Source : SE 02

CROP PRODUCTION AND YIELD

TOTAL PRODUCTION OF CASSAVA IN

KABUPATENS RELATED TO THE BRANTAS BASIN

(Unit : Ton)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	412,409.06	416,414.38	378,047.50	363,810.26	392,670
2. Blitar	122,625.00	133,081.05	142,008.37	107,552.06	126,317
3. Tulungagung	69,829.68	67,196.25	57,045.78	66,793.24	65,216
4. Trenggalek	205,984.24	189,838.32	173,408.16	189,267.40	189,624
5. Kediri	220,762.92	210,443.20	207,166.96	310,382.28	237,188
6. Nganjuk	54,770.65	59,916.69	51,023.28	61,570.35	56,820
7. Jombang	45,377.01	38,827.00	54,473.10	47,665.35	46,586
8. Mojokerto	68,858.61	66,084.04	52,895.05	36,121.82	55,990
9. Sidoarjo	4,821.51	3,738.26	3,924.26	3,891.50	4,094
10. Pasuruan	171,775.65	141,453.00	124,344.00	117,742.80	138,829
KOTAMADYA					
11. Ko.Surabaya	615.30	917.76	1,105.80	845.00	878

Source : SE 02

CROP PRODUCTION AND YIELD

HARVESTED AREA OF CASSAVA IN KABUPATEN
RELATED TO THE BRANTAS BASIN

(Unit : Ha)

REGION OF ORIGIN (KABUPATEN & KODYA)	1980	1981	1982	1983	AVERAGE
KABUPATEN					
1. Malang	25,954	25,594	22,570	23,794	24,478
2. Blitar	16,350	16,983	13,297	12,698	15,825
3. Tulungagung	9,164	8,145	6,743	7,438	7,873
4. Trenggalek	21,637	19,941	18,292	19,313	19,796
5. Kediri	13,678	11,957	11,744	14,738	12,879
6. Nganjuk	6,655	6,327	6,024	6,729	6,434
7. Jombang	4,293	4,100	4,855	3,285	4,133
8. Mojokerto	5,367	5,179	4,283	2,842	4,418
9. Sidoarjo	519	457	437	430	461
10. Pasuruan	19,065	15,717	14,130	12,840	15,438
KOTAMADYA					
11. Ko.Surabaya	135	192	228	169	181

Source : SE 02

PERCENTAGE OF RICE VARIETIES
WHICH WAS USED IN EAST JAVA PROVINCE

NAME OF RICE VARIETY	PROPOTIONAL EXTENT (%)
IR-32	0.15
IR-36	64.00
IR-38	0.50
IR-42	0.32
IR-50	3.70
IR-52	1.27
IR-54	0.83
Semeru	2.60
Cimandiri	0.98
A y u n g	0.13
Cipunegara	0.90
Kruwing Aceh	6.00
Cisedane	10.47
O t h e r	8.15
T O T A L	100.00

(in 1983)

Source : AI 01

TENURIAL STATUS AND FARM SIZE

FARM SIZE DISTRIBUTION IN 1980

(Unit : No.of Household)

REGION OF ORIGIN (KABUPATEN & KODYA)	FARM SIZE			TOTAL
	BELOW 0.25 ha	0.25 - 0.5 ha	ABOVE 0.5ha	
1. Malang	96,998	77,594	85,424	
2. Blitar	58,778	44,537	53,266	
3. Tulungagung	55,539	35,257	26,089	
4. Trenggalek	44,215	31,571	23,820	
5. Kediri	44,273	36,682	39,092	
6. Nganjuk	38,315	33,426	30,623	
7. Jombang	22,532	25,378	32,096	
8. Mojokerto	23,103	26,002	26,345	
9. Sidoarjo	16,247	19,275	14,880	
10. Pasuruan	49,328	40,295	38,115	
11. Ko.Kediri	1,434	1,313	1,308	
12. Ko.Blitar	464	444	314	
13. Ko.Malang	2,491	2,016	1,793	
14. Ko.Mojokerto	148	198	305	
15. Ko.Surabaya	5,583	5,064	4,229	
T O T A L	459,448	379,042	377,699	1,216,189
Proportional (%)	(37.8%)	(31.2%)	(31.0%)	
BRANTAS BASIN	383,889	316,621	315,432	1,015,942
Proportional (%)	(37.8%)	(31.2%)	(31.0%)	

SOURCE : SE18

TENURIAL STATUS AND FARM SIZE

TENURIAL STATUS OF AGRICULTURAL FARMERS IN 1980

(Unit : No. of Household)

REGION OF ORIGIN (KABUPATEN & KODYA)	LAND OWNER OPERATOR	TENANT	PARTLY LAND OPERATOR	TOTAL
1. Malang	209,113 (80.4)	25,990 (10.0)	24,913 (9.6)	260,016 (100)
2. Blitar	114,795 (73.3)	23,443 (15.0)	18,333 (11.7)	156,571 (100)
3. Tulungagung	81,940 (70.1)	21,555 (18.4)	13,390 (11.5)	116,885 (100)
4. Trenggalek	81,797 (82.1)	9,115 (9.2)	8,694 (8.7)	99,606 (100)
5. Kediri	81,611 (68.0)	23,479 (19.6)	14,957 (12.4)	120,047 (100)
6. Nganjuk	67,745 (66.2)	23,017 (22.5)	11,602 (11.3)	102,364 (100)
7. Jombang	53,492 (66.9)	18,073 (22.6)	8,441 (10.5)	86,006 (100)
8. Mojokerto	58,689 (77.8)	10,706 (14.2)	6,005 (8.0)	75,450 (100)
9. Sidoarjo	37,762 (74.9)	8,759 (17.4)	3,881 (7.7)	50,402 (100)
10. Pasuruan	102,659 (80.4)	12,752 (10.0)	12,327 (9.6)	127,738 (100)
11. Ko. Kediri	2,472 (61.0)	1,101 (27.2)	482 (11.8)	4,055 (100)
12. Ko. Blitar	851 (70.1)	267 (21.8)	104 (8.1)	1,222 (100)
13. Ko. Malang	5,192 (82.4)	656 (10.4)	452 (7.2)	6,300 (100)
14. Ko. Mojokerto	456 (70.0)	119 (18.3)	76 (11.7)	651 (100)
15. Ko. Surabaya	10,590 (71.2)	2,937 (19.7)	1,349 (9.1)	14,876 (100)
TOTAL	909,164	181,969	125,056	1,216,189
Proportional (%)	(74.7%)	(15.0%)	(10.3%)	(100.0%)
BRANTAS BASIN	759,378	152,092	104,472	1,015,942

SOURCE : SE19

() : Proportional (%)

AREA CLASSIFIED BY TECHNICAL, SEMI TECHNICAL
AND NON - TECHNICAL CATEGORIES

Malang Irrigation Section (unit: ha)

No. D.I.	Irrigation unit	Technical	Semi tech- nical	Non tech- nical	Total
I. Malang Subsection.					
13.04.01	K. Brantas bawah	1,343	117	143	1,603
13.03.01	Sbr. Metro	666	156	180	1,002
13.05.01	K. Metro	571			571
	Sub-total	2,580	273	323	3,176
II. Blimbing Subsection					
13.04.01	K. Brantas bawah	456	312	-	768
13.06.01	K. Mewek	542	10	73	625
13.07.01	K. Bodo	1,162	160	258	1,580
13.08.01	K. Klampok	1,069	-	97	1,166
13.09.01	Sbr. Klampok	-	75	-	75
	Sub-total	3,229	557	428	4,214
III. Batu Subsection					
13.01.01	Sbr. Brantas	527	23	651	1,201
13.02.01	K. Brantas atas	1,005	732	2	1,739
13.03.01	Sbr. Metro	607	78	210	895
	Sub-total	2,139	833	863	3,835
IV. Tumpang Subsection					
13.10.01	Sbr. Jilu	140	-	84	224
13.11.01	K. Jilu	950	29	44	1,023
13.12.01	K. Pakis	854	-	-	854
13.13.01	K. Cokro	668	-	-	668
13.14.01	Sbr. Amprong	163	-	206	369
13.15.01	K. Amprong	2,349	-	-	2,349
	Sub-total	5,124	29	334	5,487
Total		13,072	1,692	1,948	16,712

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL AND NON-TECHNICAL

CATEGORIES

Kepanjen Irrigation Section

(unit: ha)

No.D.I.	Irrigation unit	Technical	Semi technical	Non - technical	Total
I. Kepanjen Sub-Setion					
13.16.02	Sbr, Metr* Hilir	220	-	172	312
13.17.02	K. Metro Hilir	891	-	-	891
13.18.02	I.S. Molek	3,991	-	-	3,991
13.19.02	Rowo Klampok	-	-	52	52
13.20.02	Peg. Selatan	-	-	-	0
Sub-total					5,326
II Ngajum Sub-Section					
13.16.02	Sbr. Metro Hilir	-	128	233	361
13.21.02	K. Gombang	-	115	599	714
13.22.02	K. Biru	409	1,880	978	3,267
Sub-total					4,342
III. Bululawang Sub-Section					
13.23.02	I.S. Ked.Kandang	1,280	-	-	1,280
13.24.02	Sbr Meri	-	-	635	635
13.25.02	K. Meri	474	50	-	524
13.26.02	K. Kemantren	1,234	-	248	1,482
13.27.02	Sbr. Kemanten	-	-	753	753
Sub-total					4,674
IV. Turen Sub-Section					
13.28.02	K. Sipring	104	345	355	804
13.29.02	K. Jaruman Kebon alas	916	947	548	2,411

Kepanjen Irrigation Section (unit: ha)

No D.I.	Irrigation unit	Technical	Semi technical	Non technical	Total
13.30.02	K. Lesti Utara	348	924	251	1,523
13.31.02	K. Lesti Selatan	182	480	421	1,083
13.20.02	Peg. Selatan	199	228	273	700
13.20.02	Semeru Selatan	-	1,250	-	1,250
Sub-total					17,771
V. Gondang legi Sub-section					
13.32.02	Bureng	772	172	-	894
13.23.02	I.S. Kedung Kandang	3,925	-	-	3,925
13.34.02	K. Lumbengsari	252	-	-	252
13.20.02	Peg. Selatan	178	12	777	967
Sub-total					6,181
Total		15,325	6,531	6,438	28,294

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Blitar Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>I. Mangunan Sub-section</u>					
13.115.06	K. Temas Blt.	34	-	-	34
13.116.06	K. Gedog Blt.	639	-	22	661
13.117.06	K. Kajar Blt.	1,250	82	2,541	3,873
13.115.06	K. Temas Kdr.	427	-	-	427
13.116.06	K. Gedog Kdr.	30	-	-	30
13.117.06	K. Kajar Kdr.	-	197	89	286
13.118.06	K. Srengat Brt.	399	-	705	1,104
Sub-total		2,779	279	3,357	6,415
<u>II. Srengat Sub-section</u>					
13.118.06	K. Srengat Brt.	465	21	169	655
13.119.06	K. Srengat Tm.	280	-	12	292
13.120.06	K. Kunir	624	30	160	814
13.121.06	K. Jatipen	146	-	143	289
13.122.06	K. Ngaglik	626	-	140	766
13.123.06	K. Creme	466	31	15	512
13.147.06	K. Ngremang	42	-	103	145
13.141.06	Irigasi Lodoyo B.H. (Jimbe)	855	-	-	855
13.143.06	Kedung Biru	-	-	4	4
13.141.06	Jimbe	87	-	15	102
13.147.06	Irigasi Lodoyo (Ngremang)	2,007	-	-	2,007
Sub-total		5,598	82	761	6,441
<u>III. Blitar Sub-section</u>					
13.124.06	K. Lahar	466	505	106	1,077

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Blitar Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
13.125.06	K. Nglegok	408	922	307	1,637
13.126.06	K. Kreweng	119	144	287	550
13.127.06	K. Abab	1,193	189	50	1,432
Sub-total		2,186	1,760	750	4,696
<u>IV. Garum Sub-section</u>					
13.128.06	K. Tanggung	293	29	352	674
13.129.06	K. Jurang Ludruk	267	-	40	307
13.130.06	K. Judelingas	604	75	53	732
13.131.06	K. Glondong	297	185	181	663
13.132.06	K. Putih	556	70	758	1,384
13.133.06	K. Dander	211	205	161	577
13.142.06	K. Judeg	288	1	36	325
13.144.06	K. Klatak	40	42	146	228
13.142.06	Irigasi Lodoyo Blt. (Judeg)	1,233	-	-	1,233
Sub-total		3,789	607	1,727	6,123
<u>V. Wlingi Sub-section</u>					
13.134.06	K. Jari	2,006	132	308	2,446
13.135.06	K. Semut	61	19	168	248
13.136.06	K. Lekso Blt.	2,420	105	279	2,804
13.136.06	K. Lekso Mgl.	-	-	25	25
Sub-total		4,487	256	780	5,527
<u>VI. Kesamben Sub-section</u>					
13.136.06	K. Lekso Blt.	622	85	237	944
13.137.06	K. Bambang	855	135	243	1,233

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Blitar Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
13.138.06	K. Tuwuh	145	360	87	592
13.139.06	K. Sembung Manis	909	482	361	1,752
13.140.06	K. Lekso Wetan	171	605	28	804
13.145.06	K. Lemah Blt.	15	114	81	210
13.145.06	K. Lemah Mlg.	-	78	76	154
13.146.06	Jolosutro	-	58	41	99
Sub-total		2,717	1,917	1,154	5,788
Total		21,556	4,901	8,529	34,986

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Tulungagung Irrigation Section					(unit: ha)
No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>I. Tulungagung Sub-section</u>					
13.168.07	K. Dawir	48	218	25	291
13.169.07	Irigasi Lodoyo	8,611	-	-	8,611
13.174.07	Kali Boto	-	895	277	1,172
Sub-total		8,659	1,113	302	10,074
<u>II. Karangrejo Sub-section</u>					
13.148.07	K. Catut	-	143	68	211
13.149.07	K. Bajalpicisan	489	228	396	1,113
13.150.07	K. Babaan	105	1,489	536	2,130
13.150.07	K. Klantur	246	212	430	888
Sub-total		840	2,072	1,430	4,342
<u>III. Kalangbret Sub-section</u>					
13.152.07	K. Song	573	1,540	205	2,318
13.153.07	K. Gondang	559	-	339	898
13.155.07	K. Ngasinan Kiri	431	-	-	431
13.156.07	K. Sengon	-	177	229	406
Sub-total		1,563	1,717	773	4,053
<u>IV. Campurdarat Sub-section</u>					
13.154.07	K. Ngasinan Kanan	-	1,483	-	1,483
13.165.07	K. Karangtuwo	663	45	38	746
13.166.07	K. Keboireng	336	114	11	461
13.167.07	K. Tlogoburet	213	141	-	354
13.173.07	K. Prigi	-	183	187	370
Sub-total		1,212	1,966	236	3,414

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Tulungagung Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>V. Durenan Sub-section</u>					
13.164.07	K. Tawing	2,797	-	828	3,625
Sub-total		2,797	-	828	3,625
<u>VI. Trenggalek Sub-section</u>					
13.157.07	K. Sukun	-	144	441	585
13.158.07	K. Bagong	891	-	283	1,174
13.159.07	K. Prambon	431	-	186	617
13.160.07	K. Bendo	-	132	673	805
13.163.07	K. Mlijon	494	-	-	494
Sub-total		1,816	276	1,583	3,675
<u>VII. Karanganyar Sub-section</u>					
13.161.07	K. Ngepeh	358	101	92	551
13.162.07	K. Jati	746	-	235	981
13.163.07	K. Mlijon	236	-	228	464
13.172.07	K. Gedangan	-	-	677	677
Sub-section		1,340	101	1,232	2,673
<u>VIII. Juru Pengairan Tanggul (Self Standing)</u>					
13.172.07	K. Gedangan	-	57	788	845
13.171.07	K. Konang	-	-	175	175
Sub-total		-	57	963	1,020
<u>IX. Juru Pengairan Dongko (Self Standing)</u>					
13.172.07	K. Gedangan	-	-	190	190
13.171.07	K. Konang	-	-	315	315
13.164.07	K. Tawing	-	30	84	114

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Tulungagung Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
13.163.07	K. Mlijon	-	-	-	-
Sub-total		-	30	589	613
<u>X. Juru Pengairan Munjungan (Self Standing)</u>					
13.170.07	K. Tengah	-	-	746	746
13.171.07	K. Konang	-	-	27	27
Sub-total		-	-	773	773
Total		18.227	7.332	8.709	34.268

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL AND NON-TECHNICAL

CATEGORIES

Kediri Irrigation Section

(unit: ha)

No.D.I.	Irrigation unit	Technical	Semi technical	Non technical	Total
I. Grogol Sub-Section					
13.91.05	K. Genjeng	1,252	194	484	1,933
13.92.05	K. Bakung	173	152	225	550
13.93.05	K. Kolokoso	270	66	38	374
13.95.05	K. Bendomongal	336	559	362	1,257
13.94.05	K. Hardisangit	620	320	116	1,056
Sub-total		2,645	1,291	1,225	5,170
II. Mojoroto Sub-Section					
13.96.05	K. Bendokrosak	788		99	887
13.97.05	K. Kedok	861	91	277	1,229
13.98.05	K. Bruno	742		292	1,034
13.99.05	K. Surat	172		51	223
13.100.05	K. Bruni	339	67	50	456
13.101.05	K. Pandansari	209	245	184	639
Sub-total		3,111	403	953	4,467
III. Wonokasinan Sub-section					
13.102.05	K. Toyoaning	1,269		238	1,507
13.103.05	K. Dermo	2,223		723	2,946
Sub-total		3,492		961	4,453
IV. Gurah Sub-Section					
13.104.05	K. Mantren	882	468	361	1,711
13.105.05	K. Sukorejo	1,204	180	618	2,002
Sub-total		2,086	648	979	3,713

Kediri Irrigation Section

(unit: ha)

No.D.I.	Irrigation unit	Technical	Semi technical	Non technical	Total
VI. Kandat Sub-Section					
13.107.05	K.Kresek Atas	754		517	1,271
13.109.05	K. Lawang	281		1,429	1,710
13.110.05	K.Segaran	418		859	1,277
	Sub-total	1,453		2,805	4,258
VII. Sambi Sub-Section					
13.111.05	K, Sempu	1,056		195	1,251
13.112.05	K. Lanang	965		83	1,048
13.113.05	K. Selodono	425		463	888
13.114.05	K. Petung	742	16	150	908
	Sub-total	188	16	891	4,095
Total		18,000	3,432	8,228	29,660

Nganjuk Irrigation Section					(unit: ha)
No.D.I.	Irrigation unit	Technical	Semi technical	Non technical	Total
13.179.08	K. Kedung Paedang	632	-	-	632
13.180.08	K. Senggowar	2,368	249	-	2,617
13.181.08	K. Tretes	599	-	761	1,360
Sub-total		6,371	329	870	7,570
Total		33,786	1,535	3,748	39,069

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL AND NON-TECHNICAL
CATEGORIES

Nanjung Irrigation Section					
(unit: ha)					
No.D.I.	Irrigation unit	technical	Semi technical	Non technical	Total
I. Nganjuk Sub-Section					
13.175.08	K. Widas	3,114		478	3,592
13.176.08	K. Kedung Gupit	819			819
13.186.08	K. Kedung Pedet	2,289		37	2,326
	Sub-total	6,222		515	6,737
II. Berbek Sub-Section					
13.187.08	K.K. Kunciir	2,739	1,206	692	4,637
	Sub-total	2,739	1,206	692	4,637
III. Pace Sub-Section					
13.188.08	K. Bodor	2,981		1,205	4,186
13.189.08	K. Kedungsoko	775			775
	Sub-total	3,756		1,205	4,961
IV. Kertosono Sub-Section					
13.191.08	W. K.	3,641			3,641
13.190.08	K. Besuk	539			539
	Sub-total	4,180			4,180
V. Warujayeng Sub-Section					
13.177.08	K. Kedung Maron	815	80	109	1,004
13.178.08	K. Rejoso ;	1,957			1,957

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Paree Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>I. Paree Sub-section</u>					
13.242.11	Sal. Srinjing	1,431	-	-	1,431
13.244.11	Sal. Srinjing Mo- jolegi I	755	-	52	807
13.246.11	Sal. Pelempaya- man I	210	-	-	210
13.243.11	Sal. Pulosari	608	-	-	608
Sub-total		3,004	-	52	3,056
<u>II. Badas Sub-section</u>					
13.248.11	Sbr. Ampomangiran	1,597	-	31	1,628
13.249.11	Sbr. Bringin	361	-	71	432
13.256.11	Sbr. Ketangi	289	-	-	289
13.250.11	Sbr. Konden	30	-	117	147
13.255.11	Sbr. Centong	67	-	80	147
13.251.11	Sbr. Pohlembeng	1,002	-	-	1,002
13.257.11	Sal. Kuwik	103	-	-	103
Sub-total		3,449	-	299	3,748
<u>III. Bogo-Kidul Sub-section</u>					
13.245.11	Sal. Srinjing Mo- jolegi II	1,528	-	-	1,528
13.253.11	Sal. Mejono Bangi	146	-	-	146
13.247.11	Sal. Palempaya- man II	1,435	-	15	1,450
13.254.11	K. Ngino	431	-	-	431
Sub-total		3,540	-	15	3,555

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Paree Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>IV. Ngantang Sub-section</u>					
13.264.11	K. Konto Atas	1,319	-	174	1,493
	Gol. Sumber-sumber	-	-	575	575
	Sub-total	1,319	-	749	2,068
<u>V. Surowono Sub-section</u>					
13.240.11	Sal. Sal. Siman	112	-	-	112
13.241.11	K. Konto II	251	-	168	419
13.235.11	K. Keling	1,237	-	20	1,257
13.236.11	Sbr. Sedayu Atas	177	-	48	225
13.237.11	Sbr. Sumurup Atas	257	-	60	317
13.238.11	Sbr. Sedayu Bawah	236	-	-	236
13.239.11	Sbr. Sumurup Bwh.	77	-	14	91
13.252.11	Sbr. Nepen	72	-	210	282
	Sub-total	2,419	-	520	2,939
<u>VI. Kunjang Sub-section</u>					
13.258.11	Sal. Bungkul	641	-	-	641
13.262.11	Sal. Jantok	240	-	-	240
13.259.11	Sal. Wonorejo	372	-	222	594
13.260.11	Sal. Gersikan	1,757	-	118	1,875
13.261.11	Sal. Tengger	294	-	-	294
13.263.11	K. Bangi	288	-	-	288
	Sub-total	3,592	-	340	3,932
Total		17,323	-	1,975	19,298

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL AND NON-TECHNICAL

CATEGORIES

Jombang Irrigation Section (unit: ha)

No.D.I.	Irrigation unit	Technical	Semi technical	Non technical	Total
I. Jombang Sub-Section					
13.209.09	Turi Baru	405	-	320	725
13.208.09	Turi Lama	450	-	-	450
13.207.09	Tunggorono	1,386	-	-	1,386
13.202.09	Konto Surabaya bawah	731	-	-	731
13.195.09	Sal Gudde	832	-	684	1,516
	Sub-total	3,804		1,004	4,808
II. Ploso Sub-Section					
13.203.09	Sal Bunder I+II	97	-	178	275
13.204.09	Sal Jatimlerek	563	-	238	801
	I + II				
13.205.09	Sal GattonI+II	188	-	491	679
	Sal Bebekan	228	-	-	228
13.206.09	Sal Keboan	12	-	-	12
13.212.09	Luar Brantas	2,111	-	1,963	4,074
	Sub-total	3,199	-	2,870	6,069
III. Perak Sub-Section					
13.196.09	Sal Wangkal	1,283	-	-	1,283
13.197.09	Sal Pilang	2,255	-	-	2,255
13.198.09	K.Konto Kediri	908	-	-	908
	Afv. Simo/Mekikis	62	-	-	62
13.199.09	Aft. Besuk	297	-	-	297
	Sub-total	4,805	-	-	4,805

Jombang Irrigation Section

(unit: ha)

No.9.I	Irrigation unit	Technical	Semi technical	Non technical	Total
IV, Cukir Sub-Section					
13.210.09	Sal Rejoagung III	966	-	-	966
13.211.09	Sal Rejoagung IV	2,327	-	-	2,327
13.200.09	K. Jombang Kulon	-	-	294	294
	K. Jombang Wetan	470	-	38	508
13.201.09	Sal Kapas	39	-	-	39
Sub-total		3,802	-	332	4,134
V. Blimbing Sub-Section					
13.193.09	Konto Surabaya atas	1,573	-	82	1,655
13.194.09	Konto Surabaya tengah	2,166	-	-	2,166
13.192.09	Sal Dungus	-	-	627	627
Sub-total		3,739	-	709	4,448
Total		19,349	-	4,915	24,264

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Mojoagung Irrigation Section

(unit: ha)

NO.	D.I.	Irrigation Unit	Technical	Semi Technical	Non Technical	Total
<u>I. Mojoagung Sub.Section</u>						
13.222.09	Sal.	Sentul	2,030	-	-	2,030
13.220.09	Sal.	Tanggalrejo	1,745	-	94	1,839
13.230.09	K.	Pancir	38	-	154	192
13.221.09	K.	Gunting	141	-	-	141
13.219.09	K.	Gambiran	500	-	-	500
13.214.09	K.	Pulorejo II	650	-	-	650
	Sub-total		5,104	-	248	5,352
<u>II. Kesamben Sub.Section</u>						
13.222.09	Sal.	Sentul	2,029	-	-	2,029
13.223.09	Sal.	Melik	1,775	-	-	1,775
13.224.09	Sal.	Kepuh	1,178	-	-	1,178
	Sub-total		4,982	-	-	4,982
<u>III. Kandangan sub.section</u>						
13.229.09	K.	Sembung	545	-	203	748
13.232.09	K.	Kontopait	250	-	775	1,025
13.233.09	K.	Kontopait Tengah	399	-	-	399
13.225.10	Sbr.	Buntung	-	-	282	282
13.218.10	Sal.	Rejoagung I	769	-	-	769
13.234.10	Sal.	Lemurung	215	-	58	273
	Sub-total		2,178	-	1,318	3,496
<u>IV. Peterongan Sub. Section</u>						
13.218.10	K.	Merganto	1,902	-	43	1,945
13.217.10	K.	Ngepung	839	-	-	839
13.213.10	K.	Pulorejo I	148	-	-	148
13.216.10	Sal.	Slubung	1,511	-	28	1,539
	Sub-total		4,400	-	71	4,471

Mojoagung Irrigation Section

(unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi Technical	Non Technical	Total
<u>V. Mojowarno Sub. Section</u>					
13.231.10	K. Pakel	816	-	147	963
13.226.10	K. Gogor	1,042	-	177	1,219
13.227.10	Sal. Bareng	1,700	-	-	1,700
13.228.10	Sal. Slubung	1,206	-	-	1,206
Sub-total		4,764	-	324	5,088
Total		21,428	-	1,916	23,389

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Mojokerto Irrigation Section

(unit:ha)

No. D.I.	Irrigation Unit	Technical	Semi- Techhical	Non- Technical	Total
<u>I. Gedek Sub-section</u>					
13.265.12	Sal Ngares I-IV	1,803	-	-	1,803
13.266.12	Sal Losari	665	-	-	665
13.267.12	Sal Wates Pinggir	374	-	-	374
13.268.12	Sal Merning I+II	-	606	-	606
13.269.12	Sal Sidoringin	-	231	246	477
13.270.12	Sal Kwangen	-	-	-	-
Sub-total		2,842	882	246	3,970
<u>II. Brangkal Sub-station</u>					
13.271.12	Sal SEngon	-	190	-	-
13.272.12	Sal Subantoro	252	456	-	708
13.273.12	Sal Sinoman	297	-	-	297
13.274.12	Sal Pehngaron	988	-	-	988
13.275.12	Sal Penewon	1,043	-	-	1,043
Sub-total		2,580	646	-	3,226
<u>III. Sumengko Sub-section</u>					
13.276.12	Sal. Bacem	316	-	-	316
13.277.12	Sal. Jurang Cetot	213	59	-	272
13.278.12	Sal. Mating	193	61	71	325
13.279.12	Sal. Lebak Sumeng- ko	902	-	252	1,154
13.280.12	Sal. Candilimo	1,642	55	220	1,917
Sub-total		3,266	175	543	3,984

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Mojokerto Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>IV. Tangunan Sub-section</u>					
13.281.12	Sal. Padipomahan	3,420	-	600	4,020
Sub-total		3,420	-	600	4,020
<u>V. Pugeran Sub-section</u>					
13.282.12	Sal. Judeg	678	-	-	678
13.283.12	Sal. Banyak	944	-	-	944
13.284.12	K. Bangsal	434	-	-	434
13.285.12	Sal. Krom. Pika- tan	688	-	47	735
13.286.12	Sal. Padimohan	818	-	-	818
13.287.12	Sal. Landehan	753	-	88	841
Sub-total		4,315	-	135	4,450
<u>VI. Bangsal Sub-section</u>					
13.288.12	Sbr. Glodok (Wa- tu Umpak)	148	455	1,071	1,674
13.289.12	Sal. Tekuk	-	193	289	482
13.284.12	K. Bangsal	54	1,037	-	1,091
13.290.12	Sal. Jatikulon	11	464	144	619
Sub-total		213	2,149	1,504	3,866
<u>VII. Panda Sub-section</u>					
13.296.12	Sal. Janjing Atas	52	98	329	479
13.297.12	Sal. Jubel	189	244	141	574
13.298.12	Sal. Cempleng	790	859	278	1,927
13.299.12	Sal. Kronong II	449	618	11	1,078
Sub-total		1,480	1,819	759	4,058

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Mojokerto Irrigation Section					(unit:ha)
No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>VIII. Mojosari Sub-section</u>					
13.291.12	Sal. Sbr. Sedati	-	113	433	546
13.296.12	Sal. Tanjung Atas	-	552	36	588
13.293.12	Sal. Tanjung Bawah	-	966	172	1,138
13.294.12	Sal. Gembolo	-	1,760	18	1,778
13.295.12	Sal. Sbr. Pasinan	-	294	106	400
Sub-total		-	3,685	765	4,450
Total		18,116	9,356	4,552	32,024

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Sidoarjo Irrigation Section

(unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi technical	Non-technical	Total
I. Bakalan sub-section					
13.301.13	Porong canal	1,718	-	-	1,718
13.302.13	Mangetan canal	870	-	-	870
13.300.13	Voor canal	1,006	-	-	1,006
13.303.13	Sumber + Pompa	-	784	-	784
Sub-Total		3,594	784	-	4,378
II. Prambon sub-section					
13.301.13	Porong canal	1,925	-	-	1,925
13.302.13	Mangetan canal	2,034	-	-	2,034
Sub-Total		3,959	-	-	3,959
III. Krembung sub-section					
13.301.12	Porong canal	3,685	-	-	3,685
13.303.12	Sumber Pompa	-	272	-	272
Sub-Total		3,685	272	-	3,957

AREA CLASSIFIED BY TECHNICAL, SEMI-TECHNICAL
AND NON-TECHNICAL CATEGORIES

Sidoarjo Irrigation Section					(unit: ha)
No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
IV. Porong sub-section					
13.301.13	Porong canal	3,835	40		3,875
13.303.13	Sumber & Pompa		8		8
Sub-Total		3,835	48		3,883
V. Grogol sub-section					
13.302.13	Mangetan canal	2,687			2,687
13.301.13	Porong canal	1,131			1,131
Sub-Total		3,818			3,818
VI. Sumput sub-section					
13.302.13	Mangetan canal	3,855			3,855
Sub-Total		3,855			3,855
VII. Trosobo sub-section					
13.302.12	Mangetan canal	3,350			3,350
	sumber & Pompa	-	-	-	
sub-Total		3,350			3,350
VIII. Gedangan sub-section					
13.302.13	Mangetan canal	4,401			4,401
Sub-Total		4,401			4,401
Total		30,497	1,104		31,601

AREA CLASSIFIED BY TECHNICAL, SEMITECHNICAL
AND NON - TECHNICAL CATEGORIES

Wonokromo Irrigation Section (unit: ha)

No. D.I.	Irrigation Unit	Technical	Semi- Technical	Non- Technical	Total
<u>I. Waru Sub-section</u>					
13.304.14	Simowau	94	82	-	176
13.305.14	Kebonagung	363	322	-	685
13.306.14	Jambangan	50	-	-	50
13.307.14	Karah	38	8	-	46
13.308.14	Rowowiyung	-	398	-	398
13.309.14	Gunungsari	658	72	-	730
Sub-total		1,203	882	-	2,085
<u>II. Gubeng Sub-section</u>					
13.310.14	Kalibokor	254	182	-	436
13.311.14	Jeblokan	268	200	-	468
Sub-total		522	382	-	904
Total		1,715	1,264	-	2,979

PLANTING AREA OF POLOWIJO CROPS

Area Name : MOLEK INTAKE

Month		Planting Area	Planting Area	Planting Area
		(Ha) 1981	(Ha) 1982	(Ha) 1983
Jan	1	25	15	150
	2	20	15	110
	3	15	15	70
Feb	1	10	15	30
	2	15	15	25
	3	20	15	15
Mar	1	20	15	10
	2	40	15	10
	3	60	10	5
Apr	1	80	10	5
	2	150	140	70
	3	215	270	130
May	1	280	400	190
	2	440	655	230
	3	605	910	280
Jun	1	765	1160	325
	2	910	1235	510
	3	1050	1310	700
Jul	1	1190	1380	880
	2	1210	1420	1010
	3	1225	1455	1145
Aug	1	1240	1490	1275
	2	1270	1550	1330
	3	1295	1610	1380
Sept	1	1320	1675	1435
	2	1300	1800	1435
	3	1280	1925	1440
Oct	1	1260	2050	1440
	2	1205	2000	1375
	3	1150	1960	1310
Nov	1	1090	1910	1245
	2	845	1685	1050
	3	600	1460	860
Dec	1	360	1230	670
	2	-	820	-
	3	-	400	-

PLANTING AREA OF POLOWIJO CROPS

Area Name : LODOYO

Month		Planting Area 1981	Planting Area 1982	Planting Area 1983
Jan	1	600	1,900	1,400
	2	550	1,950	1,350
	3	500	1,975	1,300
Feb	1	450	2,000	1,200
	2	450	1,750	1,400
	3	450	1,550	1,575
Mar	1	450	1,300	1,700
	2	600	1,250	1,525
	3	800	1,200	1,300
Apr	1	900	1,150	1,100
	2	1,050	1,300	1,200
	3	1,150	1,500	1,300
May	1	1,300	1,700	1,400
	2	1,400	2,300	1,475
	3	1,600	2,950	1,500
Jun	1	1,700	3,600	1,550
	2	2,300	3,650	1,875
	3	2,900	3,700	2,200
Jul	1	3,500	3,800	2,600
	2	3,800	3,825	2,875
	3	4,050	3,850	3,200
Aug	1	4,300	3,900	3,500
	2	4,300	4,400	3,800
	3	4,300	4,950	4,075
Sept	1	4,300	5,500	4,400
	2	4,400	5,900	4,800
	3	4,450	6,350	5,200
Oct	1	4,500	6,700	5,600
	2	4,300	6,600	5,400
	3	4,100	6,400	5,200
Nov	1	3,900	6,300	5,000
	2	3,000	5,300	4,000
	3	2,150	4,300	2,900
Dec	1	1,300	3,300	1,900
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS

Area Name : MRICAN INTAKE

Month		Planting Area 1981	Planting Area 1982	Planting Area 1983
Jan	1	80	70	40
	2	80	70	40
	3	80	70	40
Feb	1	80	70	90
	2	80	70	90
	3	80	70	90
Mar	1	70	70	90
	2	350	300	200
	3	600	650	250
Apr	1	990	1,000	300
	2	1,500	1,400	900
	3	2,150	1,800	1,400
May	1	2,650	2,200	1,900
	2	2,800	2,300	2,100
	3	2,900	2,400	2,200
Jun	1	3,100	2,500	2,300
	2	3,000	2,500	2,350
	3	2,850	2,500	2,400
Jul	1	2,750	2,500	2,500
	2	4,250	4,200	4,000
	3	6,000	6,100	5,500
Aug	1	7,750	8,200	7,100
	2	8,000	8,500	7,700
	3	8,200	8,700	8,400
Sept	1	8,500	8,900	9,000
	2	8,000	8,600	8,600
	3	7,500	8,200	8,200
Oct	1	7,100	7,900	7,800
	2	6,700	7,300	6,700
	3	6,350	6,600	5,800
Nop	1	6,000	5,900	4,950
	2	4,600	5,000	3,650
	3	3,400	4,150	2,500
Dec	1	2,000	3,200	1,300
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS
AREA NAME : TURI TUNGGORONO INTAKE

Month		Planting Area 1981	Planting Area 1982	Planting Area 1983
Jan.	1	-	220	100
	2	-	150	100
	3	-	100	100
Feb.	1	-	40	100
	2	-	30	90
	3	-	20	80
Mar.	1	-	10	70
	2	-	20	60
	3	-	75	60
Apr.	1	-	100	50
	2	-	350	100
	3	-	600	150
May	1	-	900	250
	2	-	850	500
	3	-	900	800
June	1	-	1,000	1,100
	2	-	1,100	1,400
	3	-	1,300	1,750
July	1	-	1,300	2,050
	2	-	1,400	1,800
	3	-	1,450	1,600
Aug.	1	-	1,500	1,400
	2	-	2,150	1,750
	3	-	3,000	2,200
Sept.	1	-	3,800	2,650
	2	-	4,000	3,250
	3	-	4,250	4,000
Oct.	1	-	4,400	4,550
	2	-	3,850	4,150
	3	-	3,400	3,800
Nov.	1	-	2,900	3,450
	2	-	2,050	2,500
	3	-	1,200	1,500
Dec.	1	-	300	600
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS
 AREA NAME : BUNDER & JATI MLEREK INTAKE

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	-	-	-
	2	-	-	-
	3	-	-	-
Feb.	1	-	-	-
	2	-	-	-
	3	-	-	-
Mar.	1	-	-	-
	2	-	-	-
	3	-	-	-
Apr.	1	-	-	-
	2	-	-	-
	3	-	-	-
May	1	-	-	-
	2	-	-	-
	3	-	-	-
June	1	-	-	-
	2	-	-	-
	3	-	-	-
July	1	60	-	60
	2	55	-	55
	3	50	-	50
Aug.	1	45	-	50
	2	50	-	50
	3	55	-	50
Sept.	1	60	70	50
	2	100	155	50
	3	140	240	50
Oct.	1	190	330	50
	2	140	240	50
	3	90	140	50
Nov.	1	40	50	40
	2	-	-	-
	3	-	-	-
Dec.	1	-	-	-
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS

Area Name: GOTTAN, BEBEKAN, KEBOAN, WATES-PINGGIR,
SIDORINGIN, NGARES & LOSARI(JOMBANG MOJOKERTO)

Month		Planting Area 1981	Planting Area 1982	Planting Area 1983
Jan	1	310	90	130
	2	230	70	100
	3	150	40	70
Feb	1	70	20	40
	2	70	20	40
	3	60	20	40
Mar	1	60	20	40
	2	50	10	50
	3	30	10	60
Apr	1	20	-	70
	2	310	-	90
	3	590	-	120
May	1	880	590	140
	2	1,110	730	510
	3	1,330	870	880
Jun	1	1,560	1,010	1,250
	2	1,630	1,100	1,430
	3	1,700	1,190	1,610
Jul	1	1,770	1,280	1,790
	2	1,780	1,220	1,700
	3	1,780	1,170	1,610
Aug	1	1,790	1,110	1,520
	2	1,900	1,220	1,530
	3	2,020	1,330	1,540
Sept	1	2,130	1,440	1,550
	2	2,150	1,480	1,450
	3	2,180	1,530	1,360
Oct	1	2,200	1,570	1,260
	2	2,180	1,480	1,250
	3	2,170	1,390	1,230
Nov	1	2,150	1,300	1,220
	2	1,780	1,050	1,190
	3	1,420	800	1,160
Dec	1	1,050	550	1,130
	2	690	360	750
	3	350	180	370

Gottan, Bebekan, Keboan estimated from 1982-1983.

PLANTING AREA OF POLOWIJO CROPS

Area Name : GOTTAN-NGARES

Month		Planting Area (Ha) 1981	Planting Area (Ha) 1982	Planting Area (Ha) 1983
Jan.	1	300		150
	2	200		117
	3	130		84
Feb.	1	80		50
	2	70		50
	3	61		50
Mar.	1	52		50
	2	40		50
	3	29		50
Apr.	1	18		50
	2	37		84
	3	56	550	117
May	1	75	663	150
	2	95	776	517
	3	115	888	884
June	1	135	1,000	1,250
	2	142	1,083	1,250
	3	146	1,166	1,250
July	1	155	1,250	1,250
	2	161	983	1,333
	3	168	716	1,416
Aug.	1	175	450	1,500
	2	185	783	1,517
	3	195	1,116	1,534
Sept.	1	215	1,450	1,550
	2	217	1,483	1,617
	3	219	1,516	1,683
Oct.	1	220	1,550	1,750
	2	218	1,617	1,750
	3	216	1,683	1,750
Nov.	1	215	1,750	1,750
	2	172	1,350	1,533
	3	129	950	1,316
Dec.	1	85	550	1,100
	2			
	3			

PLANTING AREA OF POLOWIJO CROPS

Area Name : LOSARI Intake

Month		Planting Area (Ha) 1981	Planting Area (Ha) 1982	Planting Area (Ha) 1983
Jan	1	20	-	-
	2	20	-	-
	3	15	-	-
Feb	1	15	-	-
	2	15	-	-
	3	15	-	-
Mar	1	15	-	-
	2	80	-	-
	3	140	-	-
Apr	1	200	-	20
	2	265	-	40
	3	330	-	55
May	1	390	330	70
	2	410	350	190
	3	430	370	300
Jun	1	450	390	420
	2	450	390	425
	3	450	390	430
Jul	1	450	390	435
	2	450	370	370
	3	460	340	300
Aug	1	460	320	230
	2	460	270	180
	3	470	210	125
Sept	1	470	160	70
	2	470	165	70
	3	470	170	60
Oct.	1	470	170	60
	2	430	170	60
	3	380	160	60
Nop	1	340	160	60
	2	235	-	140
	3	130	-	230
Dec	1	25	-	310
	2	-	-	-
	3	-	-	-

PLANTING AREA OF PLOWIJO CROPS
Area Name : KEBOAN & BEBEKAN Intake

Month		Planting Area (Ha) 1981	Planting Area (Ha) 1982	Planting Area (Ha) 1983
Jan.	1	-	-	-
	2	-	-	-
	3	-	-	-
Feb.	1	-	-	-
	2	-	-	-
	3	-	-	-
Mar.	1	-	-	-
	2	-	-	-
	3	-	-	-
Apr.	1	-	-	-
	2	-	-	-
	3	-	-	-
May	1	-	-	-
	2	-	-	-
	3	-	-	-
June	1	-	15	-
	2	-	15	-
	3	-	20	-
July	1	-	20	-
	2	-	25	-
	3	-	35	-
Aug.	1	-	40	60
	2	-	55	70
	3	-	65	75
Sept.	1	-	80	80
	2	-	90	75
	3	-	100	70
Oct.	1	-	110	60
	2	-	105	70
	3	-	100	75
Nov.	1	-	95	80
	2	-	85	70
	3	-	75	60
Dec.	1	-	65	50
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS

Area Name : GOTTAN - INLAKE

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	-	-	60
	2	-	-	50
	3	-	-	30
Feb.	1	-	-	20
	2	-	-	15
	3	-	-	15
Mar.	1	-	-	10
	2	-	-	-
	3	-	-	-
Apr.	1	-	-	-
	2	-	-	-
	3	-	-	-
May	1	-	240	10
	2	-	240	70
	3	-	245	140
June	1	-	250	200
	2	-	250	270
	3	-	250	350
July	1	-	250	420
	2	-	250	350
	3	-	245	280
Aug.	1	-	240	210
	2	-	280	270
	3	-	310	330
Sep.	1	-	350	390
	2	-	370	330
	3	-	380	270
Oct.	1	-	400	210
	2	-	380	240
	3	-	360	280
Nov.	1	-	340	310
	2	-	260	260
	3	-	170	210
Dec.	1	-	80	160
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO INTAKE

Area Name : SIDORINGIN Intake

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1			
	2			
	3			
Feb.	1			
	2			
	3			
Mar.	1			
	2			
	3			
Apr.	1	-	-	5
	2	-	-	5
	3	-	-	5
May	1	85	-	5
	2	108	-	45
	3	132	-	85
June	1	155	55	125
	2	183	60	132
	3	212	65	138
July	1	240	70	145
	2	248	62	143
	3	257	53	142
Aug.	1	265	45	140
	2	280	68	180
	3	295	92	220
Sept.	1	310	115	260
	2	310	120	272
	3	310	125	283
Oct.	1	310	130	295
	2	285	125	273
	3	260	120	252
Nov.	1	235	115	230
	2	202	108	203
	3	168	102	177
Dec.	1	135	95	158
	2	-	-	-
	3	-	-	-

PANTING AREA OF POLOWIJO CROPS
 AREA NAME : NGARES I-IV (MOJOKERTO)

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	210	60	70
	2	150	50	50
	3	100	30	40
Feb.	1	60	20	20
	2	60	20	25
	3	60	20	30
Mar.	1	50	15	30
	2	30	20	40
	3	20	20	40
Apr.	1	15	75	50
	2	100	130	50
	3	180	200	50
May	1	280	250	50
	2	400	320	190
	3	525	380	320
June	1	630	440	450
	2	670	500	520
	3	700	560	580
July	1	750	630	650
	2	650	620	680
	3	550	620	700
Aug.	1	420	620	725
	2	550	650	720
	3	660	680	710
Sep.	1	800	700	700
	2	850	720	680
	3	930	740	650
Oct.	1	1,000	760	640
	2	1,020	700	600
	3	1,030	650	560
Nov.	1	1,100	590	520
	2	850	490	500
	3	700	400	480
Dec.	1	525	300	460
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS
 AREA NAME : MOJOKERTO (WATES-PINGGIR INTAKE)

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	-	-	-
	2	-	-	-
	3	-	-	-
Feb.	1	-	-	-
	2	-	-	-
	3	-	-	-
Mar.	1	-	-	-
	2	-	-	-
	3	-	-	-
Apr.	1	-	-	-
	2	-	-	-
	3	-	-	-
May	1	-	-	-
	2	-	-	-
	3	-	-	-
June	1	105	105	50
	2	105	125	75
	3	105	140	100
July	1	105	160	125
	2	125	145	130
	3	140	135	140
Aug.	1	160	130	145
	2	140	-	110
	3	120	-	80
Sept.	1	100	-	50
	2	75	-	-
	3	50	-	-
Oct.	1	25	-	-
	2	55	-	-
	3	90	-	-
Nov.	1	130	-	-
	2	140	-	-
	3	160	-	-
Dec.	1	180	-	-
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS.
 AREA NAME : JATIKULON

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	10	5	5
	2	10	5	5
	3	10	5	5
Feb.	1	10	5	5
	2	8	5	5
	3	6	5	5
Mar.	1	5	5	5
	2	6	5	5
	3	8	5	5
Apr.	1	10	5	5
	2	10	5	5
	3	10	5	5
May	1	10	5	5
	2	10	5	5
	3	10	5	5
June	1	10	5	5
	2	10	5	5
	3	10	5	5
July	1	10	5	5
	2	11	5	5
	3	13	5	5
Aug.	1	15	5	5
	2	15	5	5
	3	15	5	5
Sept.	1	15	5	5
	2	15	12	5
	3	15	19	5
Oct.	1	15	25	5
	2	48	12	5
	3	81	19	5
Nov.	1	115	20	5
	2	78	22	5
	3	41	24	5
Dec.	1	5	25	5
	2	-	-	-
	3	-	-	-

PLANTING AREA OF POLOWIJO CROPS
 AREA NAME : PORONG

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	2,575	30	1,050
	2	2,600	30	775
	3	2,625	30	550
Feb.	1	2,675	30	255
	2	2,675	35	200
	3	2,675	35	150
Mar.	1	2,675	40	100
	2	2,700	40	100
	3	2,700	40	90
Apr.	1	2,700	45	80
	2	2,900	170	100
	3	3,150	300	140
May	1	3,350	450	150
	2	3,300	580	275
	3	3,275	750	420
June	1	3,250	900	550
	2	3,200	1,000	770
	3	3,175	1,080	950
July	1	3,125	1,170	1,150
	2	3,125	1,375	1,350
	3	3,125	1,575	1,600
Aug.	1	3,150	1,800	1,850
	2	3,750	2,400	2,050
	3	4,325	3,025	2,250
Sept.	1	4,900	3,600	2,400
	2	5,350	3,975	3,200
	3	5,750	4,300	4,000
Oct.	1	6,100	4,650	4,700
	2	5,500	4,500	4,710
	3	4,900	4,350	4,715
Nov.	1	4,300	4,250	4,720
	2	3,550	4,000	3,550
	3	2,900	3,750	2,400
Dec.	1	2,200	3,500	2,280
	2	-	2,750	-
	3	-	1,900	-

PLANTING AREA OF POLOWIJO GROPS
AREA NAME : MANGETAN INTAKE

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	1,200	50	500
	2	1,800	50	400
	3	2,450	50	200
Feb.	1	3,050	50	50
	2	3,100	50	50
	3	3,150	50	50
Mar.	1	3,200	50	50
	2	3,200	50	50
	3	3,300	50	50
Apr.	1	3,350	75	50
	2	3,500	100	50
	3	3,700	150	50
May	1	3,900	200	50
	2	4,000	450	150
	3	4,200	700	250
June	1	4,400	950	400
	2	4,300	1,200	750
	3	4,200	1,400	1,100
July	1	4,100	1,600	1,500
	2	4,100	1,750	1,800
	3	4,150	1,800	2,000
Aug.	1	4,200	2,100	2,300
	2	4,700	2,700	2,650
	3	5,200	3,200	3,000
Sept.	1	5,750	3,750	3,300
	2	6,100	4,200	3,600
	3	6,400	4,650	4,000
Oct.	1	6,700	5,000	4,500
	2	5,700	4,900	4,600
	3	4,700	4,700	4,700
Nov.	1	3,750	4,500	4,800
	2	2,800	3,900	3,500
	3	1,900	3,300	2,300
Dec.	1	900	2,600	1,100
	2	-	-	750
	3	-	-	500

PLANTING AREA OF POLOWIJO CROPS
 AREA NAME : K. SURABAYA

Month		Planting Area (ha) 1981	Planting Area (ha) 1982	Planting Area (ha) 1983
Jan.	1	-	-	-
	2	-	-	-
	3	-	-	-
Feb.	1	-	-	12
	2	-	-	12
	3	-	-	12
Mar.	1	-	-	12
	2	-	-	-
	3	-	-	-
Apr.	1	-	-	-
	2	-	-	-
	3	-	-	-
May	1	-	-	-
	2	-	-	-
	3	-	-	-
June	1	-	50	5
	2	-	90	9
	3	-	100	13
July	1	-	125	18
	2	-	195	150
	3	-	210	280
Aug.	1	-	259	421
	2	-	259	421
	3	-	259	421
Sept.	1	-	259	421
	2	-	210	350
	3	-	180	280
Oct.	1	-	110	210
	2	-	100	150
	3	-	95	90
Nov.	1	-	90	26
	2	-	20	-
	3	-	15	-
Dec.	1	-	3	-
	2	-	-	-
	3	-	-	-

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1981
PATTERN NAME : WSP

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	%F	IR	O
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1.5	0	1.5	.06
	3RD	0	0	0	0	0	0	0	2.1	0	2.1	.09
OCT	1ST	.08	1	88	30	78	74	25	2.7	6.17	33.87	1.38
	2ND	.25	1.03	40.2	30	79.2	51.2	25	3	12.8	40.2	1.66
	3RD	.42	1.06	55.79	33	88.79	57.59	27.5	3	24	54.5	2.02
NOV	1ST	.58	1.09	52.32	30	82.32	35.12	25	3	20.89	48.19	1.97
	2ND	.75	1.12	53.95	30	83.95	65.55	25	1.5	49.16	75.66	3.08
	3RD	.92	1.16	55.6	30	85.6	32	25	.9	29.33	55.23	2.25
DEC	1ST	1	1.22	52.39	30	82.39	26.39	0	.3	26.39	26.69	1.09
	2ND	1	1.27	54.4	30	84.4	4.4	0	0	4.4	4.4	.18
	3RD	1	1.29	60.66	33	93.86	0	0	0	0	0	0
TOTAL		6	10.22	482.51	276	758.51	346.25	152.5	18	172.73	383.23	13.76

SECTION NAME : MOLEK 1981

YEAR : 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.04	0.19	0.62	0.73	0.83	0.69	0.00	0.00	3.14
2ND	0.00	0.00	0.00	0.00	0.00	0.16	0.34	0.75	0.02	0.06	0.21	0.00	2.45
3RD	0.00	0.00	0.00	0.00	0.15	0.54	0.64	0.77	0.01	0.05	0.00	0.00	2.99
TOTAL	0.00	0.00	0.00	0.00	0.19	0.90	1.61	2.26	2.47	0.81	0.21	0.00	8.59

CROP WATER REQUIREMENT

SECTION NAME : HOLEX 1981
PATTERN NAME : DSP

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	1.5	0	1.5	.04
MAR	3RD	0	0	0	0	0	0	0	2.1	0	2.1	.05
APR	1ST	.08	1	41	30	71	47	25	2.7	3.92	31.62	.86
APR	2ND	.25	1.02	41.85	30	71.85	71.85	25	3	17.96	45.96	1.25
APR	3RD	.42	1.05	42.89	30	72.89	20.89	25	3	8.7	36.7	1
MAY	1ST	.58	1.07	44.01	30	74.01	54.81	25	3	31.97	59.97	1.63
MAY	2ND	.75	1.1	45.15	30	75.15	27.95	25	1.5	20.97	47.97	1.29
MAY	3RD	.92	1.13	46.95	33	83.95	68.75	27.5	.9	63.02	91.42	2.25
JUN	1ST	1	1.18	48.2	30	78.2	63.4	0	.3	63.4	63.7	1.73
JUN	2ND	1	1.24	48.24	30	78.24	62.24	0	0	62.24	62.24	1.69
JUN	3RD	1	1.28	49.82	30	79.82	79.82	0	0	79.82	79.82	2.17
JUL	1ST	1	1.3	52	30	82	82	0	0	82	82	2.22
JUL	2ND	1	1.3	52.04	30	82.04	70.04	0	0	70.04	70.04	1.9
JUL	3RD	1	1.28	56.3	33	89.3	89.3	0	0	89.3	89.3	2.2
AUG	1ST	.92	1.23	55.48	30	85.48	85.48	0	0	78.35	78.35	2.13
AUG	2ND	.75	1.21	54.38	30	84.38	84.38	0	0	62.28	63.28	1.72
AUG	3RD	.58	1.16	58.18	33	91.18	91.18	0	0	53.19	53.19	1.31
SEP	1ST	.42	1.14	54.59	30	84.59	84.59	0	0	35.24	35.24	.96
SEP	2ND	.25	1.1	52.6	30	82.6	82.6	0	0	20.65	20.65	.56
SEP	3RD	.08	1.05	50.4	30	80.4	80.4	0	0	6.7	6.7	.18
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	20.85	896.08	549	1445.08	1246.68	152.5	18	850.77	1021.27	27.12

CROP WATER REQUIREMENT

SECTION NAME : HOLEX 1981
PATTERN NAME : UDSP

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.05
MAY	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.07
MAY	3RD	.17	1	45.1	33	78.1	62.9	55	5.9	10.48	70.88	11.05
JUN	1ST	.5	1.02	40.81	30	69.81	57.01	50	2.2	28.51	81.47	1.32
JUN	2ND	.83	1.05	40.2	30	70.2	56.8	50	1.8	45.67	97.47	1.59
JUN	3RD	1	1.1	42.81	30	72.81	72.81	0	.6	72.81	73.41	1.19
JUL	1ST	1	1.16	46.2	30	76.2	76.2	0	0	76.2	76.2	1.22
JUL	2ND	1	1.21	48.53	30	78.53	66.53	0	0	66.53	66.53	1.08
JUL	3RD	1	1.27	51.95	33	86.95	86.95	0	0	86.95	86.95	1.32
AUG	1ST	1	1.32	54.35	30	89.35	89.35	0	0	89.35	89.35	1.45
AUG	2ND	1	1.34	56.38	30	90.38	90.38	0	0	90.38	90.38	1.47
AUG	3RD	1	1.33	59.75	33	98.75	98.75	0	0	98.75	98.75	1.46
SEP	1ST	1	1.28	61.6	30	91.6	91.6	0	0	91.6	91.6	1.44
SEP	2ND	1	1.22	55.43	30	88.43	88.43	0	0	88.43	88.43	1.44
SEP	3RD	.83	1.14	54.59	30	84.59	84.59	0	0	70.49	70.49	1.15
OCT	1ST	.5	1.1	52.6	30	82.6	78.6	0	0	39.3	39.3	.64
OCT	2ND	.17	1.05	50.4	30	80.4	52.4	0	0	8.73	8.73	.14
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	17.58	782.3	459	1241.3	1153.3	155	18.1	966.18	1139.28	18.16

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1981
 PATTERN NAME : S-1

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	45.82	0	45.82	0	0	0	0	0	0
JAN	2ND	1	1.05	46	0	46	0	0	0	0	0	0
JAN	3RD	1	1.05	50.73	0	50.73	0	0	0	0	0	0
FEB	1ST	1	1.05	46.1	0	46.1	0	0	0	0	0	0
FEB	2ND	1	1.04	45.92	0	45.92	0	0	0	0	0	0
FEB	3RD	1	1.04	36.5	0	36.5	28.5	0	0	28.5	28.5	.161
MAR	1ST	1	1.03	44.17	0	44.17	36.17	0	0	36.17	36.17	.16
MAR	2ND	1	1.01	43.57	0	43.57	7.57	0	0	7.57	7.57	.03
MAR	3RD	1	1	47.07	0	47.07	23.07	0	0	23.07	23.07	.09
APR	1ST	1	.97	39.88	0	39.88	15.88	0	0	15.88	15.88	.07
APR	2ND	1	.95	38.76	0	38.76	16.76	0	0	38.76	38.76	.18
APR	3RD	1	.91	37.43	0	37.43	0	0	0	0	0	0
MAY	1ST	.96	.88	35.89	0	35.89	16.69	0	0	16	16	.07
MAY	2ND	.87	.86	35.24	0	35.24	0	0	0	0	0	0
MAY	3RD	.79	.84	37.91	0	37.91	22.71	0	0	17.98	17.98	.07
JUN	1ST	.71	.82	31.98	0	31.98	16.18	0	0	13.59	13.59	.06
JUN	2ND	.63	.8	31.11	0	31.11	15.11	0	0	9.44	9.44	.04
JUN	3RD	.54	.77	30.15	0	30.15	30.15	0	0	16.33	16.33	.07
JUL	1ST	.46	.75	29.87	0	29.87	29.87	0	0	13.69	13.69	.06
JUL	2ND	.38	.72	28.78	0	28.78	16.78	0	0	6.29	6.29	.03
JUL	3RD	.29	.69	30.4	0	30.4	30.4	0	0	8.87	8.87	.04
AUG	1ST	.21	.66	29.73	0	29.73	29.73	0	0	6.19	6.19	.03
AUG	2ND	.13	.63	28.34	0	28.34	28.34	0	0	3.55	3.55	.02
AUG	3RD	.04	.6	29.7	0	29.7	29.7	0	0	1.24	1.24	.01
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	901.08	0	901.08	418.63	0	0	263.11	253.11	1.2

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1981
 PATTERN NAME : S-2

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	17.55	0	17.55	4.75	0	0	.2	.2	0
JUN	2ND	.13	.47	18.14	0	18.14	2.14	0	0	.27	.27	0
JUN	3RD	.21	.48	18.73	0	18.73	18.73	0	0	3.9	3.9	.02
JUL	1ST	.29	.5	19.82	0	19.82	19.82	0	0	5.78	5.78	.03
JUL	2ND	.38	.52	20.87	0	20.87	8.87	0	0	3.32	3.32	.02
JUL	3RD	.46	.56	24.52	0	24.52	24.52	0	0	11.24	11.24	.05
AUG	1ST	.54	.6	26.92	0	26.92	26.92	0	0	14.56	14.56	.07
AUG	2ND	.63	.64	28.74	0	28.74	28.74	0	0	17.06	17.06	.08
AUG	3RD	.71	.67	33.32	0	33.32	33.32	0	0	23.6	23.6	.11
SEP	1ST	.79	.7	33.76	0	33.76	33.76	0	0	26.72	26.72	.12
SEP	2ND	.87	.72	35.06	0	35.06	25.06	0	0	30.68	30.68	.14
SEP	3RD	.96	.75	36.7	0	36.7	36.7	0	0	34.7	34.7	.16
OCT	1ST	1	.8	38.53	0	38.53	34.53	0	0	34.53	34.53	.16
OCT	2ND	1	.85	40.8	0	40.8	12.8	0	0	12.8	12.8	.06
OCT	3RD	1	.89	47.25	0	47.25	16.05	0	0	16.05	16.05	.07
NOV	1ST	1	.94	48.99	0	48.99	0	0	0	0	0	0
NOV	2ND	1	.97	46.69	0	46.69	28.29	0	0	28.29	28.29	.13
NOV	3RD	1	1	47.94	0	47.94	0	0	0	0	0	0
DEC	1ST	1	1.02	43.69	0	43.69	0	0	0	0	0	0
DEC	2ND	1	1.03	44.15	0	44.15	0	0	0	0	0	0
DEC	3RD	1	1.04	48.97	0	48.97	0	0	0	0	0	0
TOTAL		15	15.6	716.62	0	716.62	368.49	0	0	264.62	264.62	1.18

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1982
PATTERN NAME : WSP-1

YEAR : 1970		AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	O
MONTH	10-DAY											
JAN	1ST	1	1.29	56.96	30	86.96	0	0	0	0	0	0
	2ND	1	1.28	56.34	30	86.34	21.54	0	0	21.54	21.54	.86
	3RD	.92	1.24	59.97	33	92.37	0	0	0	0	0	0
FEB	1ST	.75	1.22	53.6	30	83.6	0	0	0	0	0	0
	2ND	.58	1.19	52.16	30	82.16	22.16	0	0	12.93	12.93	.53
	3RD	.42	1.14	40.29	24	64.29	56.29	0	0	23.45	23.45	1.19
MAR	1ST	.25	1.1	47.3	30	77.3	69.3	0	0	17.33	17.33	.7
	2ND	.08	1.05	45.15	0	45.15	4.15	0	0	.76	.76	.03
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		5	9.51	411.77	207	618.77	178.40	0	0	76.01	76.01	3.33

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1982
PATTERN NAME : WSP-2

YEAR : 1970		AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	O
MONTH	10-DAY											
JAN	1ST	0	0	0	0	0	0	0	2.1	0	2.1	.08
	2ND	.08	1	44	30	74	9.2	25	2.7	.77	28.47	1.13
	3RD	.25	1.02	49.5	33	82.5	0	27.5	3	0	30.5	1.1
FEB	1ST	.42	1.05	46.24	30	76.24	0	25	3	0	24	1.11
	2ND	.58	1.08	47.56	30	77.56	17.56	25	3	10.24	38.24	1.52
	3RD	.75	1.11	39.13	24	63.13	55.13	20	1.5	41.35	62.85	3.13
MAR	1ST	.92	1.14	49.14	30	79.14	71.14	25	.9	65.21	91.11	3.62
	2ND	1	1.2	51.6	30	81.6	45.6	0	.3	45.6	45.6	1.83
	3RD	1	1.25	50.15	33	92.15	68.15	0	0	68.15	68.15	2.47
APR	1ST	1	1.28	52.65	30	82.65	58.65	0	0	58.65	58.65	2.33
	2ND	1	1.29	53.08	30	83.08	83.08	0	0	83.08	83.08	3.31
	3RD	1	1.28	52.5	30	82.5	30.5	0	0	30.5	30.5	1.21
MAY	1ST	.92	1.24	50.8	30	80.8	51.6	0	0	56.47	56.47	2.25
	2ND	.75	1.22	49.95	30	79.95	32.75	0	0	24.56	24.56	.98
	3RD	.58	1.19	53.46	33	86.46	71.26	0	0	41.57	41.57	1.5
JUN	1ST	.42	1.14	44.64	30	74.64	61.84	0	0	25.77	25.77	1.03
	2ND	.25	1.1	42.9	30	72.9	56.9	0	0	14.23	14.23	.57
	3RD	.08	1.05	40.95	30	70.95	70.95	0	0	5.91	5.91	.24
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	19.66	827.24	513	1340.24	794.3	147.5	16.5	572.04	736.04	29.4

CROP WATER REQUIREMENT

SECTION NAME : HOLEK 1982
PATTERN NAME : WSP-3

YEAR : 1970		AF	KC	CU	P	CU+P	CU+P-R	LP	R	%AF	IR	Q
MONTH	10-DAY											
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	1	0	0	.06
	2ND	0	0	0	0	0	0	0	1.4	0	1.4	.09
	3RD	.06	1	52.8	33	85.8	54.6	18.7	1.8	3.03	23.53	1.35
NOV	1ST	.17	1.02	48.92	30	78.92	31.72	17	2	5.29	28.29	1.58
	2ND	.28	1.04	50.02	30	80.02	61.62	17	2	17.12	36.12	2.29
	3RD	.39	1.07	51.21	30	81.21	27.61	17	2	10.78	29.78	1.88
DEC	1ST	.5	1.09	46.98	30	76.98	20.98	17	2	10.89	29.89	1.87
	2ND	.61	1.12	48.1	30	78.1	0	17	2	0	19	1.2
	3RD	.72	1.15	58.16	33	87.16	0	18.7	2	0	20.7	1.19
TOTAL		2.72	7.48	352.2	216	568.2	196.54	122.4	16.2	46.67	185.27	11.47

SECTION NAME : HOLEK 1982

YEAR : 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.05	0.29	0.73	0.88	1.06	1.13	0.00	0.00	41.6
2ND	0.00	0.00	0.00	0.07	0.00	0.22	0.39	0.92	1.14	0.11	0.42	0.00	3.31
3RD	0.00	0.00	0.00	0.00	0.23	0.67	0.76	0.95	1.22	0.09	0.00	0.00	3.96
TOTAL	0.00	0.00	0.00	0.07	0.29	1.19	1.89	2.76	3.42	1.33	0.42	0.00	11.44

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1982
PATTERN NAME : DSP-1

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.05
APR	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.07
APR	3RD	.17	1	81	30	71	19	50	5.4	3.17	58.57	.9
MAY	1ST	.5	1.02	41.93	30	71.93	52.73	50	2.9	26.37	79.27	1.22
MAY	2ND	.83	1.05	43.09	30	73.09	25.89	50	1.8	21.57	73.37	1.13
MAY	3RD	1	1.11	49.97	30	82.97	67.77	0	.6	67.77	68.37	.96
JUN	1ST	1	1.17	45.67	30	75.67	62.87	0	0	62.87	62.87	.97
JUN	2ND	1	1.23	48.15	30	78.15	62.15	0	0	62.15	62.15	.96
JUN	3RD	1	1.29	50.39	30	80.39	80.39	0	0	80.39	80.39	1.24
JUL	1ST	1	1.33	52.21	30	82.21	83.21	0	0	83.21	83.21	1.28
JUL	2ND	1	1.33	52.35	30	83.35	71.35	0	0	71.35	71.35	1.1
JUL	3RD	1	1.3	57.07	30	90.07	90.07	0	0	90.07	90.07	1.26
AUG	1ST	1	1.23	55.38	30	85.38	85.38	0	0	85.38	85.38	1.31
AUG	2ND	.83	1.14	51.5	30	81.5	71.5	0	0	67.92	67.92	1.04
AUG	3RD	.5	1.1	58.95	30	87.45	87.45	0	0	83.73	83.73	.61
SEP	1ST	.17	1.05	50.4	30	80.4	80.4	0	0	17.4	13.4	.21
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	695.55	429	1124.55	950.15	150	18.1	779.32	947.42	14.28

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1982
PATTERN NAME : DSP-2

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
JUN	2ND	0	0	0	0	0	0	0	0	0	0	0
JUN	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
JUL	2ND	0	0	0	0	0	0	0	0	0	0	0
JUL	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	.17	1	85	30	75	75	50	5.4	12.5	67.3	.61
AUG	2ND	.5	1.02	46.02	30	76.02	76.02	50	2.9	38.01	90.91	.82
AUG	3RD	.83	1.05	52.02	30	85.02	85.02	50	1.8	70.85	127.65	1.05
SEP	1ST	1	1.11	53.18	30	83.18	83.18	0	.6	83.18	83.18	.76
SEP	2ND	1	1.17	56.2	30	86.2	86.2	0	0	86.2	86.2	.78
SEP	3RD	1	1.23	59.26	30	89.26	89.26	0	0	89.26	89.26	.81
OCT	1ST	1	1.29	62.02	30	92.02	88.02	0	0	88.02	88.02	.8
OCT	2ND	1	1.33	63.85	30	93.85	65.85	0	0	65.85	65.85	.6
OCT	3RD	1	1.33	70.42	30	103.42	72.22	0	0	72.22	72.22	.59
NOV	1ST	1	1.3	62.25	30	92.25	45.05	0	0	45.05	45.05	.41
NOV	2ND	1	1.23	59.07	30	89.07	70.67	0	0	70.67	70.67	.64
NOV	3RD	.83	1.14	58.94	30	84.94	31.34	0	0	26.12	26.12	.24
DEC	1ST	.5	1.1	47.3	30	77.3	21.3	0	0	10.65	10.65	.1
DEC	2ND	.17	1.05	45.15	30	75.15	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	776.69	426	1202.69	889.14	155	18.1	758.58	931.68	8.26

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1982
 PATTERN NAME : UDSP

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	O
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1.5	0	1.5	.01
	3RD	0	0	0	0	0	0	0	2.1	0	2.1	.01
JUL	1ST	.02	1	40	30	70	70	25	2.7	5.83	33.53	.21
	2ND	.25	1.02	40.91	30	70.91	56.91	25	3	14.73	42.73	.27
	3RD	.42	1.05	46.24	30	79.24	79.24	27.5	3	33.02	63.52	.37
AUG	1ST	.58	1.08	42.68	30	78.68	78.68	25	3	45.27	73.87	.47
	2ND	.75	1.11	50.02	30	80.02	80.02	25	1.5	60.02	86.52	.55
	3RD	.92	1.14	56.57	30	89.57	89.57	27.5	.9	82.1	116.5	.64
SEP	1ST	1	1.2	57.6	30	87.6	87.6	0	3	87.6	87.6	.56
	2ND	1	1.25	60.02	30	90.02	90.02	0	0	90.02	90.02	.57
	3RD	1	1.28	61.64	30	91.64	91.64	0	0	91.64	91.64	.56
OCT	1ST	1	1.29	62.14	30	92.14	88.14	0	0	88.14	88.14	.56
	2ND	1	1.28	61.46	30	91.46	63.46	0	0	63.46	63.46	.4
	3RD	.92	1.24	65.42	33	98.42	67.22	0	0	61.62	61.62	.35
NOV	1ST	.75	1.22	58.47	30	88.47	41.27	0	0	30.95	30.95	.2
	2ND	.58	1.19	56.9	30	86.9	68.5	0	0	39.96	39.96	.25
	3RD	.42	1.14	54.94	30	84.94	31.34	0	0	13.06	13.06	.08
DEC	1ST	.25	1.1	47.3	30	77.3	21.3	0	0	5.33	5.33	.03
	2ND	.08	1.05	45.15	30	75.15	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	19.66	913.43	519	1432.43	1106.88	155	18	813.25	986.25	6.11

CROP WATER REQUIREMENT

SECTION NAME : MOLEX 1982
 PATTERN NAME : S-1

YEAR :		1970										
MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-F	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	45.82	0	45.82	0	0	0	0	0	0
	2ND	1	1.05	46	0	46	0	0	0	0	0	0
	3RD	1	1.05	50.73	0	50.73	0	0	0	0	0	0
FEB	1ST	1	1.05	46.1	0	46.1	0	0	0	0	0	0
	2ND	1	1.04	45.92	0	45.92	0	0	0	0	0	0
	3RD	1	1.04	36.5	0	36.5	28.5	0	0	28.5	28.5	.16
MAR	1ST	1	1.03	44.17	0	44.17	36.17	0	0	36.17	36.17	.16
	2ND	1	1.01	43.57	0	43.57	7.57	0	0	7.57	7.57	.03
	3RD	1	1	47.07	0	47.07	23.07	0	0	23.07	23.07	.09
APR	1ST	1	.97	39.87	0	39.87	15.87	0	0	15.87	15.87	.07
	2ND	1	.95	38.76	0	38.76	38.76	0	0	38.76	38.76	.17
	3RD	1	.91	37.43	0	37.43	0	0	0	0	0	0
MAY	1ST	.96	.86	35.89	0	35.89	16.69	0	0	16	16	.07
	2ND	.87	.86	35.24	0	35.24	0	0	0	0	0	0
	3RD	.79	.84	37.91	0	37.91	22.71	0	0	17.98	17.98	.07
JUN	1ST	.71	.82	31.08	0	31.08	19.18	0	0	15.59	15.59	.06
	2ND	.63	.8	31.11	0	31.11	15.11	0	0	9.44	9.44	.04
	3RD	.54	.77	30.15	0	30.15	30.15	0	0	16.33	16.33	.07
JUL	1ST	.46	.75	29.87	0	29.87	29.87	0	0	13.69	13.69	.06
	2ND	.38	.72	28.78	0	28.78	16.78	0	0	6.29	6.29	.03
	3RD	.29	.69	30.4	0	30.4	30.4	0	0	8.81	8.81	.04
AUG	1ST	.21	.66	29.77	0	29.77	29.77	0	0	6.19	6.19	.03
	2ND	.13	.63	28.36	0	28.36	28.36	0	0	2.55	2.55	.02
	3RD	.04	.6	29.7	0	29.7	29.7	0	0	1.24	1.24	.01
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	901.08	0	901.08	412.63	0	0	263.11	263.11	1.2

CROP WATER REQUIREMENT

SECTION NAME : MOLEX 1982
 PATTERN NAME : S-2

YEAR :		1970										
MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-F	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	17.55	0	17.55	4.75	0	0	.2	.2	0
	2ND	.13	.47	18.14	0	18.14	2.14	0	0	.27	.27	0
	3RD	.21	.48	18.73	0	18.73	16.73	0	0	3.9	3.9	.02
JUL	1ST	.29	.5	19.82	0	19.82	19.82	0	0	5.78	5.78	.03
	2ND	.38	.52	20.87	0	20.87	8.87	0	0	3.32	3.32	.02
	3RD	.46	.56	24.52	0	24.52	24.52	0	0	11.28	11.28	.05
AUG	1ST	.54	.6	26.92	0	26.92	26.92	0	0	14.58	14.58	.07
	2ND	.63	.64	28.74	0	28.74	28.74	0	0	17.96	17.96	.09
	3RD	.71	.67	33.32	0	33.32	33.32	0	0	23.6	23.6	.11
SEP	1ST	.79	.7	33.76	0	33.76	33.76	0	0	26.72	26.72	.13
	2ND	.87	.73	35.06	0	35.06	35.06	0	0	30.68	30.68	.15
	3RD	.96	.75	36.2	0	36.2	36.2	0	0	34.7	34.7	.17
OCT	1ST	1	.8	38.53	0	38.53	34.53	0	0	34.53	34.53	.17
	2ND	1	.85	40.8	0	40.8	12.8	0	0	12.8	12.8	.06
	3RD	1	.89	47.25	0	47.25	16.05	0	0	16.05	16.05	.07
NOV	1ST	1	.94	44.99	0	44.99	0	0	0	0	0	0
	2ND	1	.97	46.69	0	46.69	28.29	0	0	28.29	28.29	.14
	3RD	1	1	47.94	0	47.94	0	0	0	0	0	0
DEC	1ST	1	1.02	43.69	0	43.69	0	0	0	0	0	0
	2ND	1	1.03	44.15	0	44.15	0	0	0	0	0	0
	3RD	1	1.04	48.97	0	48.97	0	0	0	0	0	0
TOTAL		15	15.6	716.62	0	716.62	364.49	0	0	264.62	264.62	1.27

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1983
PATTERN NAME : WSP

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.83	1.17	51.46	30	81.86	0	17	1	0	18	1.14
	2ND	.94	1.19	52.37	30	82.37	17.57	17	0	16.6	34.2	2.16
	3RD	1	1.23	59.4	33	92.4	0	0	2	0	2	.01
FEB	1ST	1	1.25	55.15	30	85.15	0	0	0	0	0	0
	2ND	.1	1.27	55.74	30	85.74	25.74	0	0	25.74	25.74	1.63
	3RD	1	1.27	44.57	24	68.57	60.57	0	0	60.57	60.57	4.79
MAR	1ST	.98	1.25	53.75	30	83.75	75.75	0	0	71.54	71.54	4.53
	2ND	.83	1.25	53.75	30	83.75	47.75	0	0	39.79	39.79	2.52
	3RD	.72	1.24	58.77	33	91.77	67.77	0	0	48.94	48.94	2.82
APR	1ST	.61	1.23	50.26	30	80.26	56.26	0	0	34.38	34.38	2.18
	2ND	.5	1.2	40.2	30	79.2	79.2	0	0	39.6	39.6	2.51
	3RD	.39	1.17	47.84	30	77.84	25.84	0	0	10.05	10.05	.64
MAY	1ST	.28	1.13	46.37	30	76.37	57.17	0	0	15.88	15.88	1.01
	2ND	.17	1.09	40.78	30	74.78	27.58	0	0	4.6	4.6	.29
	3RD	.06	1.05	47.35	33	80.35	55.16	0	0	3.62	3.62	.21
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.28	17.98	770.77	*53	1223.77	606.36	34	1.8	371.3	*407.1	26.42

SECTION NAME : MOLEK 1983

YEAR : 1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.02	0.08	0.46	0.76	0.91	0.79	0.00	0.00	3.05
2ND	0.00	0.00	0.00	0.03	0.00	0.09	0.28	0.79	0.91	0.07	0.26	0.00	2.46
3RD	0.00	0.00	0.00	0.00	0.07	0.36	0.60	0.02	0.91	0.06	0.00	0.00	2.84
TOTAL	0.00	0.00	0.00	0.03	0.09	0.53	1.35	2.37	2.74	0.93	0.26	0.00	8.36

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1983
PATTERN NAME : DSP-1

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.04
	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.05
	3RD	.17	1	47.3	33	80.3	56.3	55	5.4	9.38	69.78	.8
APR	1ST	.5	1.02	41.85	30	71.05	47.05	50	2.9	23.93	76.83	.97
	2ND	.83	1.05	42.89	30	72.89	48.89	50	1.8	60.74	112.54	1.42
	3RD	1	1.1	45.01	30	75.01	53.01	0	.6	23.01	23.61	.3
MAY	1ST	1	1.16	47.36	30	77.36	58.16	0	0	58.16	58.16	.79
	2ND	1	1.21	49.75	30	79.75	62.55	0	0	32.55	32.55	.41
	3RD	1	1.27	57.35	33	90.35	75.15	0	0	75.15	75.15	.86
JUN	1ST	1	1.32	51.44	30	81.44	62.64	0	0	68.64	68.64	.87
	2ND	1	1.34	52.33	30	82.33	66.33	0	0	66.33	66.33	.84
	3RD	1	1.33	51.81	30	81.81	61.81	0	0	81.81	81.81	1.04
JUL	1ST	1	1.28	51.33	30	81.33	61.33	0	0	81.33	81.33	1.03
	2ND	1	1.22	48.69	30	78.69	58.69	0	0	66.69	66.69	.84
	3RD	.83	1.14	50.04	33	83.04	63.04	0	0	69.2	69.2	.8
AUG	1ST	.5	1.1	49.31	30	79.31	59.31	0	0	39.66	39.66	.5
	2ND	.17	1.05	47.25	30	77.25	57.25	0	0	12.88	12.88	.16
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	17.58	733.7	459	1192.7	970.3	155	18.1	769.43	992.53	11.69

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1983
PATTERN NAME : DSP-2

YEAR : 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.04
	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.06
	3RD	.17	1	45.1	33	78.1	62.9	55	5.4	10.48	70.88	.93
JUN	1ST	.5	1.02	39.81	30	69.81	57.01	50	2.9	28.51	81.41	1.18
	2ND	.83	1.05	40.8	30	70.8	54.8	50	1.8	45.67	97.47	1.41
	3RD	1	1.1	42.81	30	72.81	52.81	0	.6	22.81	73.41	1.06
JUL	1ST	1	1.16	46.2	30	76.2	56.2	0	0	76.2	76.2	1.1
	2ND	1	1.21	48.53	30	78.53	60.53	0	0	66.53	66.53	.96
	3RD	1	1.27	55.95	33	88.95	68.95	0	0	88.95	88.95	1.17
AUG	1ST	1	1.32	59.35	30	89.35	69.35	0	0	89.35	89.35	1.29
	2ND	1	1.34	60.38	30	90.38	70.38	0	0	90.38	90.38	1.31
	3RD	1	1.33	61.75	33	98.75	78.75	0	0	98.75	98.75	1.3
SEP	1ST	1	1.28	61.6	30	91.6	71.6	0	0	91.6	91.6	1.33
	2ND	1	1.22	58.43	30	88.43	68.43	0	0	88.43	88.43	1.28
	3RD	.83	1.14	54.59	30	84.59	64.59	0	0	70.49	70.49	1.02
OCT	1ST	.5	1.1	52.6	30	82.6	62.6	0	0	39.3	39.3	.57
	2ND	.17	1.05	50.4	30	80.4	60.4	0	0	8.73	8.73	.13
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	17.58	782.1	459	1241.3	1153.3	155	18.1	966.18	1139.28	16.14

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1983
 PATTERN NAME : UDSP

YEAR ; 1970

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1	0	1	.02
	3RD	.06	1	45.1	33	78.1	62.9	18.7	1.4	0	1.4	.02
JUN	1ST	.17	1.02	39.75	30	69.75	56.95	17	1.9	3.49	23.99	.34
	2ND	.28	1.04	40.64	30	70.64	54.64	17	2	7.49	28.49	.44
	3RD	.39	1.07	41.61	30	71.61	51.61	17	2	15.18	34.18	.53
JUL	1ST	.5	1.09	43.7	30	73.7	53.7	17	2	21.85	46.85	.72
	2ND	.61	1.12	44.75	30	74.75	51.75	17	2	36.85	55.85	.86
	3RD	.72	1.15	50.38	33	83.38	61.38	18.7	2	38.35	57.35	.88
AUG	1ST	.83	1.17	52.63	30	82.63	62.63	17	1	60.22	80.92	1.13
	2ND	.94	1.19	53.56	30	83.56	63.56	17	1	68.86	86.86	1.34
	3RD	1	1.23	60.75	33	93.75	73.75	0	.6	78.92	95.52	1.48
SEP	1ST	1	1.25	60.16	30	90.16	70.16	0	.2	93.75	93.75	1.31
	2ND	1	1.27	60.81	30	90.81	70.81	0	0	90.16	90.16	1.35
	3RD	1	1.27	60.77	30	90.77	70.77	0	0	90.81	90.81	1.4
OCT	1ST	.94	1.25	60	30	90	62	0	0	90.77	90.77	1.4
	2ND	.83	1.25	60	30	90	62	0	0	81.22	81.22	1.25
	3RD	.72	1.24	65.6	33	98.6	67.4	0	0	51.67	51.67	.79
NOV	1ST	.61	1.23	58.84	30	88.84	61.64	0	0	48.68	48.68	.68
	2ND	.5	1.2	57.6	30	87.6	69.2	0	0	25.45	25.45	.39
	3RD	.39	1.17	56.01	30	86.01	62.41	0	0	34.6	34.6	.53
DEC	1ST	.28	1.13	48.63	30	78.63	52.63	0	0	12.6	12.6	.19
	2ND	.17	1.09	46.97	30	76.97	0	0	0	6.29	6.29	.1
	3RD	.06	1.05	49.67	33	82.67	0	0	0	0	0	.0
TOTAL		13	25.47	1157.94	675	1832.94	1378.9	156.4	18	965.2	1139.6	17.17

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1983
PATTERN NAME : S-1

YEAR : 1970												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	C
JAN	1ST	1	1.04	45.82	0	45.82	0	0	0	0	0	0
JAN	2ND	1	1.05	46	0	46	0	0	0	0	0	0
JAN	3RD	1	1.05	50.73	0	50.73	0	0	0	0	0	0
FEB	1ST	1	1.05	46.1	0	46.1	0	0	0	0	0	0
FEB	2ND	1	1.04	45.92	0	45.92	0	0	0	0	0	0
FEB	3RD	1	1.04	36.5	0	36.5	28.5	0	0	28.5	28.5	.17
MAR	1ST	1	1.03	44.17	0	44.17	36.17	0	0	36.17	36.17	.18
MAR	2ND	1	1.01	43.52	0	43.52	7.57	0	0	7.57	7.57	.04
MAR	3RD	1	1	47.07	0	47.07	23.07	0	0	23.07	23.07	.1
APR	1ST	1	.97	39.88	0	39.88	15.88	0	0	15.88	15.88	.08
APR	2ND	1	.95	38.76	0	38.76	38.76	0	0	38.76	38.76	.19
APR	3RD	1	.91	37.43	0	37.43	0	0	0	0	0	0
MAY	1ST	.96	.88	35.89	0	35.89	16.69	0	0	16	16	.08
MAY	2ND	.87	.86	35.24	0	35.24	0	0	0	0	0	0
MAY	3RD	.79	.84	37.91	0	37.91	22.71	0	0	17.98	17.98	.08
JUN	1ST	.71	.82	37.98	0	37.98	19.18	0	0	13.59	13.59	.07
JUN	2ND	.62	.8	31.11	0	31.11	15.11	0	0	9.44	9.44	.05
JUN	3RD	.54	.77	30.15	0	30.15	30.15	0	0	16.33	16.33	.08
JUL	1ST	.46	.75	29.87	0	29.87	29.87	0	0	13.69	13.69	.07
JUL	2ND	.38	.72	28.78	0	28.78	16.78	0	0	6.29	6.29	.03
JUL	3RD	.29	.69	30.4	0	30.4	30.4	0	0	2.87	2.87	.01
AUG	1ST	.21	.66	26.73	0	26.73	29.73	0	0	6.14	6.14	.03
AUG	2ND	.13	.63	26.76	0	26.76	26.76	0	0	3.55	3.55	.02
AUG	3RD	.04	.6	26.7	0	26.7	29.7	0	0	1.24	1.24	.01
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	901.08	0	901.08	418.63	0	0	263.11	263.11	1.3

CROP WATER REQUIREMENT

SECTION NAME : MOLEK 1983
PATTERN NAME : S-2

YEAR : 1970												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	C
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	17.55	0	17.55	4.75	0	0	.2	.2	0
JUN	2ND	.13	.47	18.14	0	18.14	2.14	0	0	.27	.27	0
JUN	3RD	.21	.48	18.73	0	18.73	18.73	0	0	3.9	3.9	.02
JUL	1ST	.29	.5	19.82	0	19.82	19.82	0	0	5.78	5.78	.03
JUL	2ND	.38	.52	20.87	0	20.87	8.87	0	0	3.32	3.32	.02
JUL	3RD	.46	.56	24.52	0	24.52	24.52	0	0	11.24	11.24	.05
AUG	1ST	.54	.6	26.92	0	26.92	26.92	0	0	14.58	14.58	.07
AUG	2ND	.63	.64	28.74	0	28.74	28.74	0	0	17.96	17.96	.08
AUG	3RD	.71	.67	33.32	0	33.32	33.32	0	0	23.6	23.6	.1
SEP	1ST	.79	.7	33.76	0	33.76	33.76	0	0	26.72	26.72	.12
SEP	2ND	.87	.73	35.06	0	35.06	35.06	0	0	30.68	30.68	.14
SEP	3RD	.96	.75	36.2	0	36.2	36.2	0	0	34.7	34.7	.16
OCT	1ST	1	.8	38.53	0	38.53	34.53	0	0	34.53	34.53	.16
OCT	2ND	1	.85	40.8	0	40.8	12.8	0	0	12.8	12.8	.06
OCT	3RD	1	.89	47.25	0	47.25	16.05	0	0	16.05	16.05	.07
NOV	1ST	1	.94	44.99	0	44.99	0	0	0	0	0	0
NOV	2ND	1	.97	46.69	0	46.69	28.29	0	0	28.29	28.29	.13
NOV	3RD	1	1	47.94	0	47.94	0	0	0	0	0	0
DEC	1ST	1	1.02	43.69	0	43.69	0	0	0	0	0	0
DEC	2ND	1	1.03	44.15	0	44.15	0	0	0	0	0	0
DEC	3RD	1	1.04	48.97	0	48.97	0	0	0	0	0	0
TOTAL		15	15.8	716.62	0	716.62	364.49	0	0	264.62	264.62	1.18

CROP WATER REQUIREMENT

SECTION NAME : LODDOYO 1981
PATTERN NAME : WSP-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.9	1.1	52.86	48.4	96.86	38.46	30	1.1	34.62	65.72	3.69
	2ND	1	1.16	55.87	48.4	99.47	0	0	.4	0	.4	.02
	3RD	1	1.21	64.06	48.4	112.46	52.46	0	0	52.46	52.46	2.68
FEB	1ST	1	1.27	58.19	48.4	102.19	41.39	0	0	41.39	41.39	2.33
	2ND	1	1.3	59.89	48.4	103.89	103.89	0	0	103.89	103.89	5.84
	3RD	1	1.31	54.54	48.4	94.14	94.14	0	0	94.14	94.14	5.88
MAR	1ST	1	1.27	55.85	48.4	99.35	31.85	0	0	0	0	0
	2ND	.9	1.21	58.48	48.4	106.88	37.38	0	0	31.85	31.85	1.79
	3RD	.7	1.18	49.37	48.4	93.37	61.37	0	0	33.56	33.56	1.71
APR	1ST	.5	1.14	47.76	48.4	91.76	91.76	0	0	42.96	42.96	2.41
	2ND	.3	1.1	46.03	48.4	90.03	90.03	0	0	45.88	45.88	2.58
	3RD	.1	1.05	43.05	48.4	87.05	87.05	0	0	27.01	27.01	1.52
MAY	1ST	0	0	0	0	0	0	0	0	8.71	8.71	.49
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.4	15.6	703.07	576.4	1279.47	729.69	30	1.5	516.46	547.96	30.95

CROP WATER REQUIREMENT

SECTION NAME : LODDOYO 1981
PATTERN NAME : WSP-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	1.5	0	1.5	.18
	2ND	0	0	0	0	0	0	0	2.1	0	2.1	.25
	3RD	.08	1	52.8	48.4	101.2	92.4	27.5	2.7	7.7	37.9	4.1
NOV	1ST	.25	1.02	45.94	48.4	89.94	80.34	25	3	20.08	48.08	5.72
	2ND	.42	1.05	47.08	48.4	91.08	0	25	3	0	28	3.33
	3RD	.58	1.07	48.1	48.4	92.3	0	25	3	0	28	3.33
DEC	1ST	.75	1.1	50.66	48.4	94.66	94.66	25	1.5	71	97.5	11.61
	2ND	.92	1.13	51.97	48.4	95.97	83.97	25	.9	76.97	102.87	12.25
	3RD	1	1.18	59.95	48.4	108.35	97.15	27.5	.3	97.15	124.95	13.52
TOTAL		4	7.56	356.69	316.8	673.49	448.51	180	18	272.9	470.9	54.3

CROP WATER REQUIREMENT

SECTION NAME : LODCYO 1981
 PATTERN NAME : DSP

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU-P	CU-P-R	LP	H	*AF	IR	Q	
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0	
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0	
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0	
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0	
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0	
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0	
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0	
MAR	2ND	0	0	0	0	0	0	0	1.2	0	1.2	.07	
MAR	3RD	0	0	0	0	0	0	0	1.6	0	1.6	.08	
APR	1ST	.06	1	42	26	68	68	36	19	2	2.25	23.25	1.35
APR	2ND	.19	1.02	47.88	26	68.88	68.88	36	19	2.3	12.91	34.21	1.98
APR	3RD	.31	1.05	43.94	26	69.94	69.94	36	19	2.3	21.86	43.16	2.5
MAY	1ST	.44	1.07	44.01	26	70.01	70.01	36	19	2.3	30.63	51.93	3.01
MAY	2ND	.56	1.1	45.15	26	71.15	71.15	36	19	2.3	40.02	61.32	3.55
MAY	3RD	.69	1.13	50.95	28.6	79.55	79.55	36	20.9	2.3	54.69	77.89	4.1
JUN	1ST	.81	1.16	46.33	26	72.33	72.33	36	19	1.1	58.77	78.87	4.56
JUN	2ND	.94	1.18	47.32	26	73.32	73.32	36	19	.7	68.73	88.43	5.12
JUN	3RD	1	1.23	49.02	26	75.02	75.02	36	0	.2	75.02	75.22	4.35
JUL	1ST	1	1.26	49	26	75	75	36	0	0	75	75	4.34
JUL	2ND	1	1.27	49.6	26	75.6	75.6	36	0	0	75.6	75.6	4.38
JUL	3RD	1	1.27	54.49	28.6	83.09	83.09	36	0	0	83.09	83.09	4.37
AUG	1ST	.94	1.25	56.74	26	82.24	82.24	36	0	0	77.1	77.1	4.46
AUG	2ND	.81	1.25	56.1	26	82.1	82.1	36	0	0	66.71	66.71	3.86
AUG	3RD	.69	1.22	61.02	28.6	89.62	89.62	36	0	0	55.57	55.57	2.92
SEP	1ST	.56	1.21	56.79	26	82.79	82.79	36	0	0	46.57	46.57	2.7
SEP	2ND	.44	1.18	55.24	26	81.24	81.24	36	0	0	35.54	35.54	2.06
SEP	3RD	.31	1.14	53.45	26	79.45	79.45	36	0	0	24.83	24.83	1.44
OCT	1ST	.19	1.1	52.6	26	78.6	65.8	36	0	0	12.34	12.34	.71
OCT	2ND	.06	1.05	50.4	26	76.4	70.8	36	0	0	4.43	4.43	.26
OCT	3RD	0	0	0	0	0	0	36	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	23.13	1006.54	527.8	1534.34	1475.14	153.9	18.3	921.66	1093.86	62.15	

CROP WATER REQUIREMENT

SECTION NAME : LODDOYD 1981
PATTERN NAME : SUGARCANE

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU*P	CU*P-R	LP	H	*AF	LR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	18	0	18	18	0	0	.75	.75	.01
JUN	2ND	.13	.47	18.61	0	18.61	18.61	0	0	2.33	2.33	.05
JUN	3RD	.21	.48	19.21	0	19.21	19.21	0	0	.4	.4	.08
JUL	1ST	.29	.5	19.32	0	19.32	19.32	0	0	5.64	5.64	.11
JUL	2ND	.38	.52	20.34	0	20.34	20.34	0	0	7.63	7.63	.15
JUL	3RD	.46	.56	23.91	0	23.91	23.91	0	0	10.96	10.96	.2
AUG	1ST	.54	.6	26.92	0	26.92	26.92	0	0	14.58	14.58	.29
AUG	2ND	.63	.64	28.74	0	28.74	28.74	0	0	17.96	17.96	.36
AUG	3RD	.71	.67	33.32	0	33.32	28.52	0	0	17.36	17.36	.31
SEP	1ST	.79	.7	33.05	0	33.05	33.05	0	0	26.17	26.17	.52
SEP	2ND	.87	.73	34.33	0	34.33	34.33	0	0	30.04	30.04	.6
SEP	3RD	.96	.75	35.45	0	35.45	35.45	0	0	33.97	33.97	.67
OCT	1ST	1	.8	38.53	0	38.53	25.73	0	0	25.73	25.73	.51
OCT	2ND	1	.85	40.8	0	40.8	35.2	0	0	35.2	35.2	.7
OCT	3RD	1	.89	47.25	0	47.25	38.95	0	0	38.95	38.95	.69
NOV	1ST	1	.94	42.18	0	42.18	32.58	0	0	32.58	32.58	.65
NOV	2ND	1	.97	43.77	0	43.77	0	0	0	0	0	0
NOV	3RD	1	1	44.95	0	44.95	0	0	0	0	0	0
DEC	1ST	1	1.02	46.73	0	46.73	46.73	0	0	46.73	46.73	.93
DEC	2ND	1	1.03	47.23	0	47.23	35.23	0	0	35.23	35.23	.7
DEC	3RD	1	1.04	52.38	0	52.38	41.18	0	0	41.18	41.18	.74
TOTAL		15	15.6	715.02	0	715.02	557.5	0	0	426.49	426.49	8.27

SECTION NAME : LODDOYD 1981

YEAR : 1976

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.61	0.78	1.57	2.23	2.33	1.45	1.35	0.69	11.06
2ND	0.00	0.23	0.00	0.51	0.66	1.06	1.71	2.23	2.39	1.95	0.00	0.27	11.05
3RD	0.00	0.23	0.00	0.55	0.75	1.34	1.82	1.61	2.42	1.68	0.00	0.15	10.60
TOTAL	0.00	0.47	0.00	1.06	2.04	3.19	5.12	6.09	7.15	5.09	1.35	1.11	32.72

CROP WATER REQUIREMENT

SECTION NAME : LODDOYO 1982
PATTERN NAME : WSP-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.24	59.37	44	103.37	44.97	0	0	44.97	44.97	5.35
	2ND	1	1.28	61.32	44	105.32	0	0	0	0	0	0
	3RD	1	1.3	68.64	48.4	117.04	57.04	0	0	57.04	57.04	6.17
FEB	1ST	1	1.3	59.85	44	103.85	43.05	0	0	43.05	43.05	5.13
	2ND	1	1.28	58.85	44	102.85	102.85	0	0	102.85	102.85	12.24
	3RD	.92	1.23	51.04	39.8	90.64	90.64	0	0	83.08	83.08	10.99
HAR	1ST	.75	1.21	53.17	44	97.17	0	0	0	0	0	0
	2ND	.58	1.18	51.72	44	95.72	27.72	0	0	16.17	16.17	1.92
	3RD	.42	1.14	55.04	48.4	103.44	33.84	0	0	14.1	14.1	1.53
APR	1ST	.25	1.1	46.03	44	90.03	58.03	0	0	14.51	14.51	1.73
	2ND	.08	1.05	44.1	44	88.1	88.1	0	0	7.34	7.34	.87
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		8	13.29	609.13	488.4	1097.53	546.24	0	0	383.12	383.12	45.94

CROP WATER REQUIREMENT

SECTION NAME : LODDOYO 1982
PATTERN NAME : WSP-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
HAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	1.3	0	1.3	.16
	2ND	0	0	0	0	0	0	0	1.6	0	1.6	.22
	3RD	.07	1	45	44	89	89	21	2.3	0	2.3	2.81
DEC	1ST	.21	1.02	46.96	44	90.96	90.96	21	2.6	19.89	43.09	5.2
	2ND	.36	1.05	48.12	44	92.12	80.12	21	2.6	28.61	52.21	6.3
	3RD	.5	1.07	54.31	48.4	102.71	91.51	23.1	2.6	45.76	71.46	7.88
TOTAL		1.14	4.14	194.39	180.4	374.79	262.49	86.1	13.2	93.86	193.16	22.53

TAB CROP WATER REQUIREMENT

SECTION NAME : LODDOYO 1982
PATTERN NAME : DSI

YEAR : 1976

MONTH	10-DAY	AF	XC	CU	P	CU*P	CU*F-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	1.5	0	1.5	.11
FEB	3RD	0	0	0	0	0	0	0	2.1	0	2.1	.17
MAR	1ST	.08	1	.44	26	70	0	25	2.7	0	27.7	2.02
MAR	2ND	.25	1.02	44.92	26	70.92	2.92	25	3	.73	28.73	2.09
MAR	3RD	.42	1.05	50.63	26.6	79.23	9.63	27.5	3	4.01	34.51	2.28
APR	1ST	.58	1.07	45.08	26	71.08	39.08	25	3	22.8	50.8	3.7
APR	2ND	.75	1.1	46.26	26	72.26	72.26	25	1.5	54.19	80.69	5.87
APR	3RD	.92	1.12	47.45	26	73.45	73.45	25	9	67.33	93.23	6.78
MAY	1ST	1	1.18	48.57	26	74.57	74.57	0	3	74.57	74.57	5.45
MAY	2ND	1	1.24	50.71	26	76.71	76.71	0	0	76.71	76.71	5.58
MAY	3RD	1	1.28	57.62	28.6	86.22	86.22	0	0	86.22	86.22	5.7
JUN	1ST	1	1.3	52	26	78	78	0	0	78	78	5.67
JUN	2ND	1	1.3	52.04	26	78.04	78.04	0	0	78.04	78.04	5.68
JUN	3RD	1	1.28	51.18	26	77.18	77.18	0	0	77.18	77.18	5.61
JUL	1ST	.92	1.23	48.08	26	74.08	74.08	0	0	67.91	67.91	4.94
JUL	2ND	.75	1.21	47.13	26	73.13	73.13	0	0	54.84	54.84	3.99
JUL	3RD	.56	1.18	50.43	28.6	79.03	79.03	0	0	46.1	46.1	3.05
AUG	1ST	.42	1.14	51.18	26	77.18	77.18	0	0	32.16	32.16	2.34
AUG	2ND	.25	1.1	49.31	26	75.31	75.31	0	0	18.83	18.83	1.37
AUG	3RD	.08	1.05	51.98	28.6	80.57	71.77	0	0	5.98	5.98	.4
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	20.85	888.55	478.4	1366.95	1118.55	152.5	18	845.6	1016.1	72.8

SECTION NAME : LODDOYO 1982

YEAR : 1976

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.80	1.66	1.71	2.03	2.99	2.17	2.18	1.75	15.32
2ND	0.00	0.93	0.00	0.63	1.09	1.68	1.72	2.29	3.20	2.99	0.00	0.69	15.26
3RD	0.00	0.82	0.00	0.72	1.37	1.73	1.73	1.84	3.45	2.62	0.00	0.38	14.71
TOTAL	0.00	1.75	0.00	1.36	3.27	5.09	5.17	6.16	9.65	7.79	2.18	2.83	45.31

CROP WATER REQUIREMENT

SECTION NAME : LODOYO 1982
PATTERN NAME : S-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	89.99	0	89.99	0	0	0	0	0	0
	2ND	1	1.05	50.18	0	50.18	0	0	0	0	0	0
	3RD	1	1.05	55.35	0	55.35	0	0	0	0	0	0
FEB	1ST	1	1.05	48.19	0	48.19	0	0	0	0	0	0
	2ND	1	1.04	48.01	0	48.01	48.01	0	0	48.01	48.01	.95
	3RD	1	1.04	42.93	0	42.93	42.93	0	0	42.93	42.93	.95
MAR	1ST	1	1.03	45.19	0	45.19	0	0	0	0	0	0
	2ND	1	1.01	44.58	0	44.58	0	0	0	0	0	0
	3RD	1	1	48.17	0	48.17	0	0	0	0	0	0
APR	1ST	1	.97	40.86	0	40.86	8.86	0	0	8.86	8.86	.18
	2ND	1	.95	39.71	0	39.71	39.71	0	0	39.71	39.71	.79
	3RD	1	.91	38.34	0	38.34	38.34	0	0	38.34	38.34	.76
MAY	1ST	.96	.88	35.89	0	35.89	35.89	0	0	35.89	35.89	.68
	2ND	.87	.86	35.24	0	35.24	35.24	0	0	35.24	35.24	.61
	3RD	.79	.84	37.91	0	37.91	37.91	0	0	37.91	37.91	.54
JUN	1ST	.71	.82	32.8	0	32.8	32.8	0	0	32.8	32.8	.46
	2ND	.63	.8	31.91	0	31.91	31.91	0	0	31.91	31.91	.4
	3RD	.54	.77	30.92	0	30.92	30.92	0	0	30.92	30.92	.33
JUL	1ST	.46	.75	29.12	0	29.12	29.12	0	0	29.12	29.12	.26
	2ND	.38	.72	28.06	0	28.06	28.06	0	0	28.06	28.06	.21
	3RD	.29	.69	29.64	0	29.64	29.64	0	0	29.64	29.64	.16
AUG	1ST	.21	.66	29.73	0	29.73	29.73	0	0	29.73	29.73	.12
	2ND	.13	.63	28.36	0	28.36	28.36	0	0	28.36	28.36	.07
	3RD	.04	.6	29.7	0	29.7	29.7	0	0	29.7	29.7	.02
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	930.78	0	930.78	548.34	0	0	376.15	376.15	7.49

CROP WATER REQUIREMENT

SECTION NAME : LODOYO 1982
PATTERN NAME : S-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	18	0	18	18	0	0	.75	.75	.02
	2ND	.13	.47	18.61	0	18.61	18.61	0	0	2.33	2.33	.07
	3RD	.21	.48	19.21	0	19.21	19.21	0	0	.4	.4	.11
JUL	1ST	.29	.5	19.32	0	19.32	19.32	0	0	5.64	5.64	.16
	2ND	.38	.52	20.34	0	20.34	20.34	0	0	7.63	7.63	.21
	3RD	.46	.56	23.91	0	23.91	23.91	0	0	10.96	10.96	.28
AUG	1ST	.54	.6	26.92	0	26.92	26.92	0	0	14.58	14.58	.41
	2ND	.63	.64	28.74	0	28.74	28.74	0	0	17.96	17.96	.5
	3RD	.71	.67	33.32	0	33.32	33.32	0	0	17.36	17.36	.44
SEP	1ST	.79	.7	33.05	0	33.05	33.05	0	0	26.17	26.17	.74
	2ND	.87	.73	34.33	0	34.33	34.33	0	0	30.04	30.04	.84
	3RD	.96	.75	35.45	0	35.45	35.45	0	0	33.97	33.97	.95
OCT	1ST	1	.8	38.53	0	38.53	38.53	0	0	25.73	25.73	.72
	2ND	1	.85	40.8	0	40.8	40.8	0	0	35.2	35.2	.99
	3RD	1	.89	47.25	0	47.25	47.25	0	0	38.45	38.45	.98
NOV	1ST	1	.94	42.18	0	42.18	42.18	0	0	32.58	32.58	.92
	2ND	1	.97	43.77	0	43.77	43.77	0	0	0	0	0
	3RD	1	1	44.95	0	44.95	44.95	0	0	0	0	0
DEC	1ST	1	1.02	46.73	0	46.73	46.73	0	0	46.73	46.73	1.31
	2ND	1	1.03	47.23	0	47.23	47.23	0	0	35.23	35.23	.99
	3RD	1	1.04	52.38	0	52.38	52.38	0	0	41.18	41.18	1.05
TOTAL		15	15.6	715.02	0	715.02	557.5	0	0	426.49	426.49	11.71

CROP WATER REQUIREMENT

SECTION NAME : LODDOYO 1983
PATTERN NAME : WSP

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	PAF	IR	O
JAN	1ST	.68	1.1	52.86	44	96.86	38.46	21	2.6	24.73	48.33	5.83
	2ND	.79	1.13	54.23	44	98.23	0	21	1.3	0	22.3	2.69
	3RD	.93	1.16	61.16	48.4	109.56	49.56	23.1	.8	46.02	69.92	7.67
FEB	1ST	1	1.21	55.62	44	99.62	38.62	0	.3	38.82	39.12	4.72
	2ND	1	1.25	57.58	44	101.58	101.58	0	0	101.58	101.58	12.26
	3RD	1	1.28	52.96	39.6	92.56	92.56	0	0	92.56	92.56	12.41
MAR	1ST	1	1.29	56.7	44	100.7	0	0	0	0	0	0
	2ND	1	1.28	56.25	44	100.25	32.25	0	0	32.25	32.25	3.89
	3RD	.93	1.25	60.34	48.4	108.74	39.34	0	0	36.34	36.34	3.99
APR	1ST	.79	1.23	51.78	44	95.78	63.78	0	0	50.11	50.11	6.05
	2ND	.64	1.21	50.75	44	94.75	94.75	0	0	60.91	60.91	7.35
	3RD	.5	1.18	49.37	44	93.37	93.37	0	0	46.68	46.68	5.63
MAY	1ST	.36	1.14	46.63	44	90.63	90.63	0	0	32.37	32.37	3.91
	2ND	.21	1.1	44.93	44	88.93	88.93	0	0	19.06	19.06	2.3
	3RD	.07	1.05	47.35	48.4	95.76	95.76	0	0	6.84	6.84	.75
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.86	17.84	798.49	668.8	1467.29	919.57	65.1	5	588.26	658.36	79.46

SECTION NAME : LODDOYO 1983

YEAR : 1976

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.66	0.71	1.17	1.82	2.39	1.81	1.73	1.01	11.33
2ND	0.00	0.74	0.00	0.50	0.69	0.86	1.29	1.97	2.61	2.45	0.00	0.39	11.63
3RD	0.00	0.83	0.00	0.63	0.71	1.01	1.44	1.53	2.02	2.13	0.00	0.58	11.52
TOTAL	0.00	1.57	0.00	1.21	2.07	2.60	3.91	5.33	7.03	6.40	1.73	1.78	34.49

CROP WATER REQUIREMENT

SECTION NAME : LODOYO 1983
PATTERN NAME : DSP

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1.3	0	1.3	.12
	3RD	0	0	0	0	0	0	0	1.8	0	1.8	.15
APR	1ST	.07	1	42	26	6R	36	21	2.3	2.57	25.87	2.35
	2ND	.21	1.02	42.8R	26	68.88	68.88	21	2.6	14.76	38.36	3.49
	3RD	.36	1.05	43.9R	26	69.9R	69.9R	21	2.6	20.98	48.58	4.42
MAY	1ST	.5	1.07	44.01	26	70.01	70.01	21	2.6	35	58.6	5.33
	2ND	.64	1.1	45.15	26	71.15	71.15	21	2.6	45.7R	69.3R	6.31
	3RD	.79	1.13	50.25	28.6	79.55	79.55	23.1	1.3	62.5	86.9	7.18
JUN	1ST	.93	1.16	46.33	26	72.33	72.33	21	.8	67.17	88.97	8.09
	2ND	1	1.21	46.36	26	74.36	74.36	0	.3	74.36	74.66	6.79
	3RD	1	1.25	50.07	26	76.07	76.07	0	0	76.07	76.07	6.92
JUL	1ST	1	1.28	48.89	26	75.89	75.89	0	0	75.89	75.89	6.9
	2ND	1	1.29	50.25	26	76.25	76.25	0	0	76.25	76.25	6.93
	3RD	1	1.28	54.8R	28.6	83.4R	83.4R	0	0	83.4R	83.4R	6.9
AUG	1ST	.93	1.25	56.1	26	82.1	82.1	0	0	76.2R	76.2R	6.93
	2ND	.79	1.23	55.4R	26	81.4R	81.4R	0	0	64.02	64.02	5.82
	3RD	.64	1.21	59.81	28.6	88.41	79.61	0	0	51.18	51.18	4.23
SEP	1ST	.5	1.18	55.2R	26	81.2R	81.2R	0	0	40.62	40.62	3.69
	2ND	.36	1.14	53.45	26	79.45	79.45	0	0	28.37	28.37	2.58
	3RD	.21	1.1	51.5	26	77.5	77.5	0	0	16.61	16.61	1.51
OCT	1ST	.07	1.05	50.4	26	76.4	63.6	0	0	4.5R	4.5R	.41
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	21.98	950.66	501.8	1452.46	1398.86	189.1	18.2	100.32	1087.62	97.06

CROP WATER REQUIREMENT

SECTION NAME : LODOYO 1983
PATTERN NAME : S-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	40.99	0	49.99	0	0	0	0	0	0
	2ND	1	1.05	50.18	0	50.18	0	0	0	0	0	0
	3RD	1	1.05	55.35	0	55.35	0	0	0	0	0	0
FEB	1ST	1	1.05	48.19	0	48.19	0	0	0	0	0	0
	2ND	1	1.04	48.01	0	48.01	48.01	0	0	48.01	48.01	1.35
	3RD	1	1.04	42.93	0	42.93	42.93	0	0	42.93	42.93	1.34
HAR	1ST	1	1.03	45.19	0	45.19	0	0	0	0	0	0
	2ND	1	1.01	44.58	0	44.58	0	0	0	0	0	0
	3RD	1	1	48.17	0	48.17	0	0	0	0	0	0
APR	1ST	1	.97	40.86	0	40.86	8.86	0	0	8.86	8.86	-.25
	2ND	1	.95	39.71	0	39.71	39.71	0	0	39.71	39.71	1.12
	3RD	1	.91	38.34	0	38.34	38.34	0	0	38.34	38.34	1.08
MAY	1ST	.96	.88	35.89	0	35.89	35.89	0	0	34.4	34.4	-.97
	2ND	.87	.86	35.24	0	35.24	35.24	0	0	30.84	30.84	-.87
	3RD	.79	.84	37.91	0	37.91	37.91	0	0	30.01	30.01	-.77
JUN	1ST	.71	.82	32.8	0	32.8	32.8	0	0	23.23	23.23	-.65
	2ND	.62	.8	31.91	0	31.91	31.91	0	0	19.94	19.94	-.56
	3RD	.54	.77	30.92	0	30.92	30.92	0	0	16.75	16.75	-.47
JUL	1ST	.46	.75	29.12	0	29.12	29.12	0	0	13.35	13.35	-.38
	2ND	.38	.72	28.06	0	28.06	28.06	0	0	10.52	10.52	-.3
	3RD	.29	.69	29.64	0	29.64	29.64	0	0	8.65	8.65	-.22
AUG	1ST	.21	.66	29.73	0	29.73	29.73	0	0	6.19	6.19	-.17
	2ND	.13	.63	28.36	0	28.36	28.36	0	0	3.55	3.55	-.1
	3RD	.04	.6	29.7	0	29.7	29.7	0	0	.87	.87	-.02
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	930.78	0	930.78	548.34	0	0	376.15	376.15	10.61

CROP WATER REQUIREMENT

SECTION NAME : LODOYO 1983
PATTERN NAME : S-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
HAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	18	0	18	18	0	0	.75	.75	-.02
	2ND	.13	.47	18.61	0	18.61	18.61	0	0	2.33	2.33	-.08
	3RD	.21	.48	19.21	0	19.21	19.21	0	0	.4	.4	-.13
JUL	1ST	.29	.5	19.32	0	19.32	19.32	0	0	5.64	5.64	-.19
	2ND	.38	.52	20.34	0	20.34	20.34	0	0	7.63	7.63	-.25
	3RD	.46	.56	23.91	0	23.91	23.91	0	0	10.96	10.96	-.33
AUG	1ST	.54	.6	26.92	0	26.92	26.92	0	0	14.58	14.58	-.48
	2ND	.63	.64	26.74	0	26.74	26.74	0	0	17.96	17.96	-.59
	3RD	.71	.67	33.32	0	33.32	24.52	0	0	17.36	17.36	-.52
SEP	1ST	.79	.7	33.05	0	33.05	33.05	0	0	26.17	26.17	-.87
	2ND	.87	.73	34.33	0	34.33	34.33	0	0	30.04	30.04	-.99
	3RD	.96	.75	35.45	0	35.45	35.45	0	0	33.97	33.97	1.12
OCT	1ST	1	.8	38.53	0	38.53	25.73	0	0	25.73	25.73	1.85
	2ND	1	.85	40.8	0	40.8	35.2	0	0	35.2	35.2	1.16
	3RD	1	.89	47.25	0	47.25	38.45	0	0	38.45	38.45	1.16
NOV	1ST	1	.94	42.18	0	42.18	32.58	0	0	32.58	32.58	1.08
	2ND	1	.97	43.77	0	43.77	0	0	0	0	0	0
	3RD	1	1	44.95	0	44.95	0	0	0	0	0	0
DEC	1ST	1	1.02	46.73	0	46.73	46.73	0	0	46.73	46.73	1.55
	2ND	1	1.03	47.23	0	47.23	35.23	0	0	35.23	35.23	1.16
	3RD	1	1.04	52.38	0	52.38	41.18	0	0	41.18	41.18	1.28
TOTAL		15	15.6	715.02	0	715.02	557.5	0	0	426.49	426.49	13.78

CROP WATER REQUIREMENT

SECTION NAME : HRICAN 1981
 PATTERN NAME : WSP-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.92	1.14	58.85	35	89.05	0	25	.9	0	25.9	5.15
	2ND	1	1.2	57.6	35	92.6	3	0	.3	3	3.3	.86
	3RD	1	1.25	66.03	38.5	104.53	50.93	0	0	50.93	50.93	9.21
FEB	1ST	1	1.28	59.07	35	94.07	63.67	0	0	63.67	63.67	12.67
	2ND	1	1.29	59.55	35	94.55	45.75	0	0	45.75	45.75	9.1
	3RD	1	1.28	53.01	31.5	84.51	18.91	0	0	18.91	18.91	4.18
MAR	1ST	.92	1.24	57	35	92	0	0	0	0	0	0
	2ND	.75	1.22	56.04	35	91.04	25.44	0	0	19.08	19.08	3.8
	3RD	.58	1.19	59.98	38.5	98.48	53.68	0	0	31.32	31.32	5.66
APR	1ST	.42	1.14	56.08	35	91.08	77.48	0	0	32.28	32.28	6.42
	2ND	.25	1.1	53.9	35	88.9	83.3	0	0	20.83	20.83	4.14
	3RD	.08	1.05	51.45	35	86.45	52.05	0	0	4.34	4.34	.86
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		8.92	14.39	684.56	423.5	1108.06	474.21	75	1.2	290.1	316.3	61.85

CROP WATER REQUIREMENT

SECTION NAME : HRICAN 1981
 PATTERN NAME : WSP-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	1.5	0	1.5	.26
NOV	1ST	0	0	0	0	0	0	0	2.1	0	2.1	.4
	2ND	.08	1	55	35	90	60.4	25	2.7	5.03	32.73	6.22
	3RD	.25	1.02	56.25	35	91.25	22.45	25	3	5.61	33.61	6.38
DEC	1ST	.42	1.05	52.55	35	87.55	62.95	25	3	28.23	54.23	10.3
	2ND	.58	1.08	54.05	35	89.05	80.25	25	3	46.81	74.81	14.21
	3RD	.75	1.11	61.14	38.5	99.64	99.64	27.5	1.5	74.73	103.73	17.91
TOTAL		2.08	5.27	278.98	178.5	457.48	325.68	127.5	16.8	158.41	302.71	55.66

CROP WATER REQUIREMENT

SECTION NAME : MRICAN 1981
PATTERN NAME : DSP

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	%AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.31
	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.43
	3RD	.17	1	50.6	38.5	89.1	44.3	55	5.4	7.38	67.78	6.13
APR	1ST	.5	1.02	50.11	35	85.11	71.51	50	2.9	35.76	88.66	8.82
	2ND	.83	1.05	51.49	35	86.44	80.84	50	1.8	67.41	119.21	11.86
	3RD	1	1.11	54.29	35	89.29	54.89	0	.8	54.89	55.89	5.54
MAY	1ST	1	1.17	51.52	35	86.52	76.92	0	0	76.92	76.92	7.65
	2ND	1	1.23	54.37	35	89.32	89.32	0	0	89.32	89.32	8.88
	3RD	1	1.29	62.54	38.5	101.04	101.04	0	0	101.04	101.04	9.14
JUN	1ST	1	1.33	55.87	35	90.87	90.87	0	0	90.87	90.87	9.04
	2ND	1	1.33	56.01	35	91.01	91.01	0	0	91.01	91.01	9.05
	3RD	1	1.3	54.47	35	89.47	89.47	0	0	89.47	89.47	8.9
JUL	1ST	1	1.23	54.15	35	89.15	89.15	0	0	89.15	89.15	8.87
	2ND	.83	1.14	50.36	35	85.36	85.36	0	0	71.13	71.13	7.08
	3RD	.5	1.1	53.24	38.5	91.74	91.74	0	0	45.87	45.87	4.15
AUG	1ST	.17	1.05	53.55	35	88.55	88.55	0	0	14.76	14.76	1.47
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	752.53	500.5	1253.03	1145.03	155	18.3	924.98	1098.28	107.3

SECTION NAME : MRICAN 1981

YEAR : 1976

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.36	1.01	1.72	1.60	5.22	6.52	5.44	4.36	0.30	26.57
2ND	0.00	0.00	0.00	0.79	1.62	1.66	2.47	5.39	6.13	5.14	0.53	0.63	24.41
3RD	0.00	0.00	0.00	0.00	1.68	1.58	3.49	5.53	5.75	0.00	0.00	0.44	18.49
TOTAL	0.00	0.00	0.00	1.16	4.33	4.97	7.56	16.15	18.41	10.58	4.89	1.38	69.47

CROP WATER REQUIREMENT

SECTION NAME : HRICAR 1981
 PATTERN NAME : UDSP-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
HAR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.06
	2ND	.17	1	46	35	81	15.4	50	4.3	0	4.3	.08
	3RD	.5	1.03	51.87	38.5	90.37	45.57	55	5.4	2.57	57.97	1.05
APR	1ST	.83	1.06	51.78	35	86.78	73.18	50	2.9	22.78	80.68	1.33
	2ND	1	1.12	54.88	35	89.88	84.28	0	1.8	60.98	112.78	2.04
	3RD	1	1.19	58.31	35	93.31	58.91	0	.6	84.28	84.88	1.54
MAY	1ST	1	1.26	55.44	35	90.44	80.84	0	0	58.91	58.91	1.07
	2ND	1	1.32	57.93	35	92.93	92.93	0	0	80.84	80.84	1.46
	3RD	1	1.34	64.86	38.5	103.36	103.36	0	0	92.93	92.93	1.68
JUN	1ST	1	1.31	55.16	35	90.16	90.16	0	0	103.36	103.36	1.7
	2ND	1	1.25	52.36	35	87.36	87.36	0	0	90.16	90.16	1.63
	3RD	.83	1.15	48.44	35	83.44	83.44	0	0	87.36	87.36	1.58
JUL	1ST	.5	1.11	48.62	35	83.62	83.62	0	0	69.53	69.53	1.26
	2ND	.17	1.05	46.2	35	81.2	81.2	0	0	41.81	41.81	.76
	3RD	0	0	0	0	0	0	0	0	13.53	13.53	.24
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10	15.18	691.89	162	1153.84	980.24	155	18.1	809.05	982.15	17.47

CROP WATER REQUIREMENT

SECTION NAME : HRICAR 1981
 PATTERN NAME : UDSP-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
HAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.1
	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.14
	3RD	.17	1	48.4	38.5	86.9	86.9	55	5.4	14.48	74.88	2.22
AUG	1ST	.5	1.03	52.28	35	87.28	87.28	50	2.9	43.64	96.54	3.14
	2ND	.83	1.06	53.89	35	88.89	88.89	50	1.8	74.08	125.88	4.1
	3RD	1	1.12	62.83	38.5	101.33	101.33	0	.6	101.33	101.33	3.02
SEP	1ST	1	1.19	59.02	35	104.02	104.02	0	0	104.02	104.02	3.39
	2ND	1	1.26	73.08	35	108.08	108.08	0	0	108.08	108.08	3.52
	3RD	1	1.32	76.37	35	111.37	111.37	0	0	111.37	111.37	3.63
OCT	1ST	1	1.34	77.72	35	112.72	112.72	0	0	112.72	112.72	3.67
	2ND	1	1.31	76.17	35	111.17	111.17	0	0	111.17	111.17	3.62
	3RD	1	1.25	79.54	38.5	118.04	26.84	0	0	26.84	26.84	.79
NOV	1ST	.83	1.15	63.43	35	98.43	98.43	0	0	82.03	82.03	2.67
	2ND	.5	1.11	60.78	35	95.78	66.18	0	0	33.09	33.09	1.08
	3RD	.17	1.05	57.75	35	92.75	23.95	0	0	3.99	3.99	.13
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10	15.18	691.89	162	1153.84	1127.15	155	18.1	926.83	1099.91	35.2

CROP WATER REQUIREMENT

SECTION NAME : HRICAN 1981
PATTERN NAME : S-1

YEAR :		1976										
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	49.99	0	49.99	0	0	0	0	0	0
	2ND	1	1.05	50.18	0	50.18	0	0	0	0	0	0
	3RD	1	1.05	55.35	0	55.35	1.75	0	0	1.75	1.75	.04
FEB	1ST	1	1.05	48.19	0	48.19	17.79	0	0	17.79	17.79	.42
	2ND	1	1.04	48.01	0	48.01	0	0	0	0	0	0
	3RD	1	1.04	42.93	0	42.93	0	0	0	0	0	0
MAR	1ST	1	1.03	47.25	0	47.25	0	0	0	0	0	0
	2ND	1	1.01	46.61	0	46.61	0	0	0	0	0	0
	3RD	1	1	50.35	0	50.35	5.55	0	0	5.55	5.55	.12
APR	1ST	1	.97	47.67	0	47.67	34.07	0	0	34.07	34.07	.8
	2ND	1	.95	46.32	0	46.32	40.72	0	0	40.72	40.72	.96
	3RD	1	.91	44.73	0	44.73	10.33	0	0	10.33	10.33	.24
MAY	1ST	.96	.88	38.52	0	38.52	28.92	0	0	27.72	27.72	.65
	2ND	.87	.86	37.82	0	37.82	37.82	0	0	33.09	33.09	.78
	3RD	.79	.84	40.68	0	40.68	40.68	0	0	32.21	32.21	.69
JUN	1ST	.71	.82	34.44	0	34.44	34.44	0	0	24.4	24.4	.57
	2ND	.63	.8	33.5	0	33.5	33.5	0	0	20.94	20.94	.49
	3RD	.54	.77	32.47	0	32.47	32.47	0	0	17.59	17.59	.41
JUL	1ST	.46	.75	32.85	0	32.85	32.85	0	0	15.06	15.06	.35
	2ND	.38	.72	31.66	0	31.66	31.66	0	0	11.87	11.87	.28
	3RD	.29	.69	33.44	0	33.44	33.44	0	0	9.75	9.75	.21
AUG	1ST	.21	.66	33.69	0	33.69	33.69	0	0	7.02	7.02	.17
	2ND	.13	.63	32.15	0	32.15	32.15	0	0	4.02	4.02	.09
	3RD	.04	.6	33.66	0	33.66	33.66	0	0	1.4	1.4	.03
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	992.47	0	992.47	515.51	0	0	315.28	315.28	7.3

CROP WATER REQUIREMENT

SECTION NAME : HRICAN 1981
PATTERN NAME : S-2

YEAR :		1976										
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.02	.04	18.5	0	18.5	18.5	0	0	.79	.79	.02
	2ND	.12	.14	16.54	0	16.54	16.54	0	0	2.44	2.44	.06
	3RD	.24	.28	26.17	0	26.17	26.17	0	0	4.2	4.2	.12
JUL	1ST	.29	.35	21.5	0	21.5	21.5	0	0	6.36	6.36	.17
	2ND	.36	.44	22.95	0	22.95	22.95	0	0	8.61	8.61	.24
	3RD	.46	.57	24.94	0	24.94	24.94	0	0	12.34	12.34	.34
AUG	1ST	.54	.66	26.57	0	26.57	26.57	0	0	16.63	16.63	.46
	2ND	.61	.75	27.76	0	27.76	27.76	0	0	20.36	20.36	.57
	3RD	.71	.87	27.76	0	27.76	27.76	0	0	26.74	26.74	.75
SEP	1ST	.79	.97	42.29	0	42.29	42.29	0	0	32.29	32.29	.99
	2ND	.87	.112	42.29	0	42.29	42.29	0	0	37.07	37.07	1.14
	3RD	.96	.118	43.25	0	43.25	43.25	0	0	41.92	41.92	1.29
OCT	1ST	1	.118	46.56	0	46.56	46.56	0	0	46.56	46.56	1.33
	2ND	1	.118	49.3	0	49.3	49.3	0	0	49.3	49.3	1.45
	3RD	1	.118	57.09	0	57.09	57.09	0	0	57.09	57.09	1.66
NOV	1ST	1	.118	51.55	0	51.55	51.55	0	0	51.55	51.55	1.58
	2ND	1	.118	53.44	0	53.44	53.44	0	0	53.44	53.44	1.6
	3RD	1	.118	56.94	0	56.94	56.94	0	0	56.94	56.94	1.68
DEC	1ST	1	1.02	50.8	0	50.8	26.2	0	0	26.2	26.2	.81
	2ND	1	1.02	51.34	0	51.34	42.54	0	0	42.54	42.54	1.21
	3RD	1	1.02	56.94	0	56.94	56.94	0	0	56.94	56.94	1.68
TOTAL		15	15.6	930.02	0	930.02	651.04	0	0	506.64	506.64	15.21

CROP WATER REQUIREMENT

SECTION NAME : MRICAN
PATTERN NAME : WSP-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.92	1.14	54.85	35	89.85	0	25	.9	0	25.9	4.92
	2ND	1	1.2	57.6	35	92.6	3	0	.3	3	3.3	.63
	3RD	1	1.25	66.03	38.5	104.53	50.93	0	0	50.93	50.93	8.79
FEB	1ST	1	1.28	59.07	35	94.07	63.67	0	0	63.67	63.67	12.09
	2ND	1	1.29	59.55	35	94.55	45.75	0	0	45.75	45.75	8.69
	3RD	1	1.28	53.01	31.5	84.51	18.91	0	0	18.91	18.91	3.99
MAR	1ST	.92	1.24	57	35	92	0	0	0	0	0	0
	2ND	.75	1.22	56.04	35	91.04	25.44	0	0	19.08	19.08	3.62
	3RD	.58	1.19	59.98	38.5	98.48	53.68	0	0	31.32	31.32	5.41
APR	1ST	.42	1.14	56.08	35	91.08	77.48	0	0	32.28	32.28	6.13
	2ND	.25	1.1	53.9	35	88.9	83.3	0	0	20.83	20.83	3.95
	3RD	.08	1.05	51.45	35	86.45	52.05	0	0	4.34	4.34	.82
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		8.92	14.39	684.56	421.5	1108.06	474.21	25	7	290.1	316.3	59.04

CROP WATER REQUIREMENT

SECTION NAME : MRICAN
PATTERN NAME : WSP-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1.5	0	1.5	.27
	3RD	0	0	0	0	0	0	0	2.1	0	2.1	.38
DEC	1ST	.08	1	50	35	85	60.4	25	2.7	5.03	32.73	5.92
	2ND	.25	1.03	51.25	35	86.25	77.45	25	3	19.36	47.36	8.57
	3RD	.42	1.06	58.12	38.5	96.62	96.62	27.5	3	40.26	70.76	11.63
TOTAL		.75	3.08	159.37	108.5	267.87	234.47	77.5	12.3	64.65	154.45	26.77

CROP WATER REQUIREMENT

YEAR : 1976

SECTION NAME : MRICAN
PATTERN NAME : DSP

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	#AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	2.3	0	2.3	0
MAR	2ND	0	0	0	0	0	0	0	3.2	0	3.2	.21
MAR	3RD	.13	1	50.6	38.5	89.1	44.3	41.8	4.1	5.54	51.44	4.29
APR	1ST	.38	1.02	50.11	35	85.11	71.51	38	4.5	26.82	69.32	6.27
APR	2ND	.63	1.05	51.49	35	86.49	80.89	38	2.2	50.56	90.76	8.21
APR	3RD	.88	1.08	52.96	35	87.96	53.56	38	1.3	46.87	86.17	7.79
MAY	1ST	1	1.14	50.14	35	85.14	75.54	0	4	75.54	75.94	6.87
MAY	2ND	1	1.2	52.92	35	87.92	87.92	0	0	87.92	87.92	7.95
MAY	3RD	1	1.26	51.07	38.5	99.57	99.57	0	0	99.57	99.57	8.19
JUN	1ST	1	1.31	54.87	35	89.87	89.87	0	0	89.87	89.87	8.13
JUN	2ND	1	1.32	55.64	35	90.64	90.64	0	0	90.64	90.64	8.2
JUN	3RD	1	1.31	54.96	35	89.96	89.96	0	0	89.96	89.96	8.13
JUL	1ST	1	1.26	55.45	35	90.45	90.45	0	0	90.45	90.45	8.18
JUL	2ND	.88	1.19	52.16	35	87.16	87.16	0	0	76.27	76.27	6.9
JUL	3RD	.63	1.14	55.4	38.5	93.9	93.9	0	0	58.69	58.69	4.82
AUG	1ST	.38	1.1	56.1	35	91.1	91.1	0	0	34.16	34.16	3.09
AUG	2ND	.13	1.05	53.55	35	88.55	88.55	0	0	11.07	11.07	1
AUG	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	17.44	807.43	535.5	1342.93	1234.97	155.8	18	933.92	1107.72	98.44

YEAR : 1976

SECTION NAME : MRICAN 1982

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.36	0.84	1.38	1.45	5.53	6.82	6.06	4.29	0.48	27.25
2ND	0.00	0.00	0.00	0.74	1.33	1.38	2.44	5.73	6.59	5.60	0.57	1.02	25.44
3RD	0.00	0.00	0.00	0.00	1.39	1.38	3.55	5.06	6.29	0.00	0.00	0.70	19.20
TOTAL	0.00	0.00	0.00	1.11	3.57	4.16	7.44	17.13	19.71	11.66	4.87	2.21	71.91

CROP WATER REQUIREMENT

SECTION NAME : MRICAN
PATTERN NAME : UDSP-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.08
MAR	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.12
MAR	3RD	.17	1	50.6	38.5	89.1	84.3	55	5.4	7.38	67.78	1.67
APR	1ST	.5	1.03	50.23	35	85.23	71.63	50	2.2	35.81	88.71	2.41
APR	2ND	.83	1.06	51.78	35	86.78	81.18	50	1.8	67.65	119.45	3.24
APR	3RD	1	1.12	54.88	35	89.88	55.48	0	.6	55.48	56.08	1.52
MAY	1ST	1	1.19	52.36	35	87.36	77.76	0	0	77.76	77.76	2.11
MAY	2ND	1	1.26	55.44	35	90.44	90.44	0	0	90.44	90.44	2.45
MAY	3RD	1	1.32	63.73	38.5	102.23	102.23	0	0	102.23	102.23	2.52
JUN	1ST	1	1.34	56.28	35	91.28	91.28	0	0	91.28	91.28	2.48
JUN	2ND	1	1.31	55.15	35	90.16	90.16	0	0	90.16	90.16	2.45
JUN	3RD	1	1.25	52.36	35	87.36	87.36	0	0	87.36	7.36	2.27
JUL	1ST	.83	1.15	50.75	35	85.75	85.75	0	0	71.46	71.46	1.94
JUL	2ND	.5	1.11	48.62	35	83.62	83.62	0	0	41.81	41.81	1.13
JUL	3RD	.17	1.05	50.82	38.5	89.32	89.32	0	0	14.89	14.89	.37
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
AUG	2ND	0	0	0	0	0	0	0	0	0	0	0
AUG	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10	15.18	693	465.5	1158.5	1050.5	155	18.1	833.7	1006.8	26.86

CROP WATER REQUIREMENT

SECTION NAME : MRICAN
PATTERN NAME : UDSP-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-P	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
JUN	2ND	0	0	0	0	0	0	0	0	0	0	0
JUN	3RD	0	0	0	0	0	0	0	3.1	0	3.1	.06
JUL	1ST	0	0	0	0	0	0	0	4.3	0	4.3	.08
JUL	2ND	.17	1	48	35	79	79	50	5.4	13.17	68.57	1.24
JUL	3RD	.5	1.02	45.5	38.5	82	82	55	2.9	64	101.9	1.66
AUG	1ST	.83	1.05	53.6	35	88.6	88.6	50	1.8	73.83	125.63	2.27
AUG	2ND	1	1.11	56.6	35	91.5	91.5	0	.6	91.5	92.1	1.67
AUG	3RD	1	1.17	65.69	38.5	104.19	104.19	0	0	104.19	104.19	1.71
SEP	1ST	1	1.23	71.6	35	106.6	106.6	0	0	106.6	106.6	1.93
SEP	2ND	1	1.29	74.94	35	109.94	109.94	0	0	109.94	109.94	1.99
SEP	3RD	1	1.33	77.35	35	112.35	112.35	0	0	112.35	112.35	2.03
OCT	1ST	1	1.33	77.35	35	112.35	112.35	0	0	112.35	112.35	2.03
OCT	2ND	1	1.3	75.22	35	110.22	110.22	0	0	110.22	110.22	1.99
OCT	3RD	1	1.23	78.51	38.5	117.01	25.81	0	0	25.81	25.81	.42
NOV	1ST	.83	1.14	62.95	35	97.95	97.95	0	0	81.63	81.63	1.48
NOV	2ND	.5	1.1	60.5	35	95.5	65.9	0	0	32.95	32.95	.6
NOV	3RD	.17	1.05	57.75	35	92.75	23.95	0	0	3.99	3.99	.07
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	905.28	500.5	1405.78	1216.18	155	18.1	1022.35	1195.45	21.24

CROP WATER REQUIREMENT

SECTION NAME : AFRICAN S-82
PATTERN NAME : S-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	49.99	0	49.99	0	0	0	0	0	0
JAN	2ND	1	1.05	50.18	0	50.18	0	0	0	0	0	0
JAN	3RD	1	1.05	55.35	0	55.35	1.75	0	0	1.75	1.75	.05
FEB	1ST	1	1.05	48.19	0	48.19	17.79	0	0	17.79	17.79	.55
FEB	2ND	1	1.04	48.01	0	48.01	0	0	0	0	0	0
FEB	3RD	1	1.04	42.93	0	42.93	0	0	0	0	0	0
MAR	1ST	1	1.03	47.25	0	47.25	0	0	0	0	0	0
MAR	2ND	1	1.01	46.61	0	46.61	0	0	0	0	0	0
MAR	3RD	1	1	50.35	0	50.35	5.55	0	0	5.55	5.55	.16
APR	1ST	1	.97	47.67	0	47.67	34.07	0	0	34.07	34.07	1.05
APR	2ND	1	.95	46.32	0	46.32	40.72	0	0	40.72	40.72	1.25
APR	3RD	1	.91	44.73	0	44.73	16.33	0	0	16.33	16.33	.32
MAY	1ST	.96	.88	38.52	0	38.52	28.92	0	0	27.72	27.72	.85
MAY	2ND	.87	.86	37.82	0	37.82	37.82	0	0	33.09	33.09	1.02
MAY	3RD	.79	.84	40.68	0	40.68	40.68	0	0	32.21	32.21	.9
JUN	1ST	.71	.82	34.44	0	34.44	34.44	0	0	24.4	24.4	.75
JUN	2ND	.63	.8	33.5	0	33.5	33.5	0	0	20.94	20.94	.64
JUN	3RD	.54	.77	32.47	0	32.47	32.47	0	0	17.59	17.59	.54
JUL	1ST	.46	.75	32.85	0	32.85	32.85	0	0	15.06	15.06	.46
JUL	2ND	.38	.72	31.66	0	31.66	31.66	0	0	11.87	11.87	.36
JUL	3RD	.29	.69	33.44	0	33.44	33.44	0	0	9.75	9.75	.27
AUG	1ST	.21	.66	33.69	0	33.69	33.69	0	0	7.02	7.02	.22
AUG	2ND	.13	.63	32.15	0	32.15	32.15	0	0	4.02	4.02	.12
AUG	3RD	.04	.6	33.66	0	33.66	33.66	0	0	1.4	1.4	.04
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	992.07	0	992.07	515.51	0	0	315.28	315.28	9.55

CROP WATER REQUIREMENT

SECTION NAME : AFRICAN S-82
PATTERN NAME : S-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	18.9	0	18.9	18.9	0	0	.79	.79	.03
JUN	2ND	.13	.47	19.54	0	19.54	19.54	0	0	2.44	2.44	.09
JUN	3RD	.21	.46	20.17	0	20.17	20.17	0	0	4.2	4.2	.16
JUL	1ST	.29	.5	21.8	0	21.8	21.8	0	0	6.36	6.36	.24
JUL	2ND	.38	.52	22.95	0	22.95	22.95	0	0	8.61	8.61	.33
JUL	3RD	.46	.56	26.97	0	26.97	26.97	0	0	12.36	12.36	.43
AUG	1ST	.54	.6	30.51	0	30.51	30.51	0	0	16.53	16.53	.63
AUG	2ND	.63	.64	32.57	0	32.57	32.57	0	0	20.36	20.36	.77
AUG	3RD	.71	.67	37.76	0	37.76	37.76	0	0	26.74	26.74	.92
SEP	1ST	.79	.73	42.36	0	42.36	42.36	0	0	32.29	32.29	1.23
SEP	2ND	.87	.75	43.75	0	43.75	43.75	0	0	37.07	37.07	1.41
SEP	3RD	.96	.8	46.56	0	46.56	46.56	0	0	41.92	41.92	1.59
OCT	1ST	1	.85	49.3	0	49.3	49.3	0	0	46.56	46.56	1.77
OCT	2ND	1	.89	57.09	0	57.09	57.09	0	0	49.3	49.3	1.87
OCT	3RD	1	.94	51.55	0	51.55	51.55	0	0	51.55	51.55	1.96
NOV	1ST	1	.97	53.49	0	53.49	53.49	0	0	53.49	53.49	2.04
NOV	2ND	1	1	54.94	0	54.94	54.94	0	0	54.94	54.94	2.1
NOV	3RD	1	1.02	50.8	0	50.8	50.8	0	0	50.8	50.8	2.07
DEC	1ST	1	1.03	51.34	0	51.34	51.34	0	0	51.34	51.34	2.09
DEC	2ND	1	1.04	56.94	0	56.94	56.94	0	0	56.94	56.94	2.17
DEC	3RD	1			0			0	0			
TOTAL		15	15.6	830.08	0	830.08	655.05	0	0	506.64	506.64	18.91

CROP WATER REQUIREMENT

SECTION NAME : HRICAN 1983
PATTERN NAME : MSP

YEAR : 1976													
MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	H	#AF	IR	O	
JAN	1ST	.58	1.09	52.32	35	87.32	0	25	3	0	28	5.06	
	2ND	.75	1.12	51.95	35	88.95	0	25	1.5	0	26.5	4.79	
	3RD	.92	1.16	61.16	38.5	99.66	46.06	27.5	1.9	42.22	70.62	11.61	
FEB	1ST	1	1.22	56.04	35	91.04	60.64	0	.3	60.64	60.94	11.02	
	2ND	1	1.27	58.19	35	93.19	44.39	0	0	44.39	44.39	8.03	
	3RD	1	1.29	53.27	31.5	84.77	19.17	0	0	19.17	19.17	3.85	
MAR	1ST	1	1.28	58.96	35	93.96	0	0	0	0	0	0	
	2ND	.92	1.25	57.35	35	92.35	26.75	0	0	24.52	24.52	4.43	
	3RD	.75	1.23	62.28	38.5	100.74	55.94	0	0	41.95	41.95	6.9	
APR	1ST	.58	1.2	58.68	35	93.68	80.08	0	0	46.71	46.71	8.45	
	2ND	.42	1.15	56.51	35	91.51	85.91	0	0	35.8	35.8	6.47	
	3RD	.25	1.11	54.15	35	89.15	54.75	0	0	13.69	13.69	2.48	
MAY	1ST	.08	1.05	46.2	35	81.2	71.6	0	0	5.97	5.97	1.08	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0	
	2ND	0	0	0	0	0	0	0	0	0	0	0	
	3RD	0	0	0	0	0	0	0	0	0	0	0	
TOTAL		9.25	15.41	729.01	418.5	1187.51	246.06	77.5	5.7	335.06	318.26	74.17	

SECTION NAME : HRICAN 1983

YEAR : 1976													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	11.00	0.00	0.11	0.72	1.27	1.45	4.78	6.90	5.98	3.60	0.19	25.05
2ND	0.00	0.00	0.00	0.47	1.22	1.30	2.32	5.19	6.59	5.14	0.42	0.41	23.10
3RD	0.00	0.00	0.00	0.00	1.28	1.33	3.20	5.66	6.29	0.00	0.00	0.28	18.05
TOTAL	0.00	0.00	0.00	0.58	3.23	3.91	6.98	15.65	19.79	11.12	4.02	0.90	66.21

CROP WATER REQUIREMENT

SECTION NAME : NRICAN 1983
PATTERN NAME : DSP

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU*P	CU*P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	1.5	0	1.5	.16
MAR	2ND	0	0	0	0	0	0	0	2.1	0	2.1	.23
MAR	3RD	.08	1	50.6	38.5	89.1	44.1	27.5	2.7	3.69	33.89	3.34
APR	1ST	.25	1.03	50.23	35	85.23	71.63	25	3	17.91	45.91	4.98
APR	2ND	.42	1.06	51.78	35	86.78	81.18	25	3	33.82	61.82	6.71
APR	3RD	.58	1.09	53.41	35	88.41	90.01	25	3	31.51	59.51	6.46
MAY	1ST	.75	1.12	49.46	35	84.46	74.86	25	1.5	56.14	82.64	8.97
MAY	2ND	.92	1.16	50.97	35	85.97	85.97	25	.9	78.8	104.7	11.36
MAY	3RD	1	1.22	58.97	38.5	97.47	97.47	0	.3	97.47	97.77	9.64
JUN	1ST	1	1.27	53.17	35	88.13	88.13	0	0	88.13	88.13	9.56
JUN	2ND	1	1.29	54.04	35	89.04	89.04	0	0	89.04	89.04	9.66
JUN	3RD	1	1.28	53.83	35	88.83	88.83	0	0	88.83	88.83	9.64
JUL	1ST	.92	1.25	54.85	35	89.85	89.85	0	0	82.37	82.37	8.94
JUL	2ND	.75	1.23	54.12	35	89.12	89.12	0	0	66.84	66.84	7.25
JUL	3RD	.58	1.2	51.96	38.5	96.46	96.46	0	0	56.27	56.27	5.55
AUG	1ST	.42	1.15	58.87	35	93.82	93.82	0	0	39.09	39.09	4.24
AUG	2ND	.25	1.11	56.36	35	91.36	91.36	0	0	22.84	22.84	2.48
AUG	3RD	.08	1.05	58.9	38.5	97.41	97.41	0	0	8.12	8.12	.8
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10	18.49	867.81	574	1441.41	1333.41	152.5	18	860.86	1031.36	109.98

YEAR : 1976 PATTERN NAME : UDSP-1

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	3.1	0	3.1	.08
	3RD	0	0	0	0	0	0	0	4.3	0	4.3	.11
APR	1ST	.17	1	49	35	84	70.4	50	5.4	11.73	67.13	1.82
	2ND	.5	1.03	50.23	35	85.23	79.63	50	2.9	39.61	92.71	2.51
	3RD	.83	1.06	51.78	35	86.78	52.38	50	1.8	43.65	95.45	2.59
MAY	1ST	1	1.12	49.28	35	84.28	74.68	0	.6	74.68	75.28	2.04
	2ND	1	1.19	52.36	35	87.36	87.36	0	0	87.36	87.36	2.37
	3RD	1	1.26	60.98	38.5	99.48	99.48	0	0	99.48	99.48	2.45
JUN	1ST	1	1.32	55.3	35	90.3	90.3	0	0	90.3	90.3	2.85
	2ND	1	1.34	56.28	35	91.28	91.28	0	0	91.28	91.28	2.48
	3RD	1	1.31	55.16	35	90.16	90.16	0	0	90.16	90.16	2.45
JUL	1ST	1	1.25	54.85	35	89.85	89.85	0	0	89.85	89.85	2.44
	2ND	.83	1.15	50.75	35	85.75	85.75	0	0	71.46	71.46	1.94
	3RD	.5	1.11	53.48	38.5	91.98	91.98	0	0	45.99	45.99	1.13
AUG	1ST	.17	1.05	53.55	35	88.55	88.55	0	0	14.76	14.76	.4
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10	15.18	693	462	1155	1091.8	150	18.1	850.52	1018.62	27.26

CROP WATER REQUIREMENT

YEAR : 1976 SECTION NAME : HRICAN 1983
PATTERN NAME : UDSP-2

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.06
	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.08
	3RD	.17	1	48.4	38.5	86.9	86.9	55	5.4	14.46	74.88	1.23
AUG	1ST	.5	1.03	52.26	35	87.28	87.28	50	2.9	43.64	96.54	1.75
	2ND	.83	1.06	53.89	35	88.89	88.89	50	1.8	74.08	126.88	2.28
	3RD	1	1.12	62.83	38.5	101.33	101.33	0	.6	101.33	101.33	1.88
SEP	1ST	1	1.19	69.92	35	104.02	104.02	0	0	104.02	104.02	1.88
	2ND	1	1.26	73.08	35	108.08	108.08	0	0	108.08	108.08	1.95
	3RD	1	1.32	76.37	35	111.37	111.37	0	0	111.37	111.37	2.01
OCT	1ST	1	1.34	77.72	35	112.72	112.72	0	0	112.72	112.72	2.04
	2ND	1	1.31	76.17	35	111.17	111.17	0	0	111.17	111.17	2.01
	3RD	1	1.25	79.54	38.5	118.04	118.04	0	0	118.04	118.04	2.04
NOV	1ST	.83	1.15	63.43	35	98.43	98.43	0	0	82.03	82.03	1.48
	2ND	.5	1.11	60.78	35	95.78	95.78	0	0	33.09	33.09	.6
	3RD	.17	1.05	57.75	35	92.75	92.75	0	0	3.99	3.99	.07
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10	15.18	851.25	465.5	1316.75	1127.15	155	18.1	976.5	1100.43	19.56

CROP WATER REQUIREMENT

SECTION NAME : MRICAN 1982
PATTERN NAME : S-1

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	49.99	0	49.99	0	0	0	0	0	0
	2ND	1	1.05	50.18	0	50.18	0	0	0	0	0	0
	3RD	1	1.05	55.35	0	55.35	1.75	0	0	1.75	1.75	.06
FEB	1ST	1	1.05	48.19	0	48.19	17.79	0	0	17.79	17.79	.68
	2ND	1	1.04	48.01	0	48.01	0	0	0	0	0	0
	3RD	1	1.04	42.93	0	42.93	0	0	0	0	0	0
MAR	1ST	1	1.03	47.25	0	47.25	0	0	0	0	0	0
	2ND	1	1.01	46.61	0	46.61	0	0	0	0	0	0
	3RD	1	1	50.35	0	50.35	5.55	0	0	5.55	5.55	.19
APR	1ST	1	.97	47.67	0	47.67	34.07	0	0	34.07	34.07	1.29
	2ND	1	.95	46.32	0	46.32	40.72	0	0	40.72	40.72	1.55
	3RD	1	.91	44.73	0	44.73	10.32	0	0	10.32	10.32	.39
MAY	1ST	.76	.88	38.52	0	38.52	28.92	0	0	27.72	27.72	1.05
	2ND	.87	.86	37.82	0	37.82	37.82	0	0	33.09	33.09	1.26
	3RD	.79	.84	40.68	0	40.68	40.68	0	0	32.21	32.21	1.11
JUN	1ST	.71	.82	34.44	0	34.44	34.44	0	0	24.4	24.4	.8
	2ND	.63	.8	33.5	0	33.5	33.5	0	0	20.94	20.94	.78
	3RD	.54	.77	32.47	0	32.47	32.47	0	0	17.59	17.59	.67
JUL	1ST	.46	.75	32.85	0	32.85	32.85	0	0	15.06	15.06	.57
	2ND	.38	.72	31.66	0	31.66	31.66	0	0	11.87	11.87	.45
	3RD	.29	.69	33.44	0	33.44	33.44	0	0	9.75	9.75	.34
AUG	1ST	.21	.66	33.69	0	33.69	33.69	0	0	7.02	7.02	.27
	2ND	.13	.63	32.15	0	32.15	32.15	0	0	4.02	4.02	.15
	3RD	.04	.6	33.66	0	33.66	33.66	0	0	1.4	1.4	.05
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	992.47	0	992.47	515.51	0	0	315.28	315.28	11.8

CROP WATER REQUIREMENT

SECTION NAME : MRICAN
PATTERN NAME : S-2

YEAR : 1976

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	18.9	0	18.9	18.9	0	0	.79	.79	.03
	2ND	.13	.47	19.54	0	19.54	19.54	0	0	2.44	2.44	.09
	3RD	.21	.48	20.17	0	20.17	20.17	0	0	4.2	4.2	.15
JUL	1ST	.29	.5	21.8	0	21.8	21.8	0	0	6.36	6.36	.23
	2ND	.38	.52	22.95	0	22.95	22.95	0	0	8.61	8.61	.31
	3RD	.46	.56	26.97	0	26.97	26.97	0	0	12.36	12.36	.41
AUG	1ST	.54	.6	30.51	0	30.51	30.51	0	0	16.52	16.52	.6
	2ND	.63	.64	32.57	0	32.57	32.57	0	0	20.36	20.36	.74
	3RD	.71	.67	40.74	0	40.74	40.74	0	0	26.74	26.74	.98
SEP	1ST	.79	.73	42.36	0	42.36	42.36	0	0	32.29	32.29	1.17
	2ND	.87	.75	43.75	0	43.75	43.75	0	0	37.07	37.07	1.34
	3RD	.96	.8	46.56	0	46.56	46.56	0	0	41.92	41.92	1.52
OCT	1ST	1	.85	49.3	0	49.3	49.3	0	0	46.56	46.56	1.68
	2ND	1	.89	57.09	0	57.09	57.09	0	0	49.3	49.3	1.78
	3RD	1	.94	51.55	0	51.55	51.55	0	0	51.55	51.55	1.86
NOV	1ST	1	.97	53.49	0	53.49	53.49	0	0	23.89	23.89	.86
	2ND	1	1	54.94	0	54.94	54.94	0	0	0	0	0
	3RD	1	1.02	50.8	0	50.8	50.8	0	0	26.2	26.2	.95
DEC	1ST	1	1.03	51.34	0	51.34	51.34	0	0	42.54	42.54	1.54
	2ND	1	1.04	56.94	0	56.94	56.94	0	0	56.94	56.94	1.87
	3RD	1	1.05	56.94	0	56.94	56.94	0	0	56.94	56.94	1.87
TOTAL		15	15.6	830.08	0	830.08	654.05	0	0	506.64	506.64	18.01

CROP WATER REQUIREMENT

SECTION NAME : BESUK 1982
PATTERN NAME : WSP-1

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	1	1.11	49.85	30	79.85	79.85	0	.6	79.85	80.45	.51
	2ND	1	1.17	52.69	30	82.69	82.69	0	0	82.69	82.69	.52
	3RD	1	1.23	61.11	33	94.11	94.11	0	0	94.11	94.11	.54
FEB	1ST	1	1.29	60.73	30	90.73	90.73	0	0	90.73	90.73	.57
	2ND	1	1.33	62.52	30	92.52	0	0	0	0	0	0
	3RD	1	1.33	50.14	24	74.14	0	0	0	0	0	0
MAR	1ST	1	1.3	59.66	30	89.66	45.66	0	0	45.66	45.66	.29
	2ND	1	1.23	56.61	30	86.61	0	0	0	0	0	0
	3RD	.83	1.14	57.91	33	90.91	0	0	0	0	0	0
APR	1ST	.5	1.1	50.6	30	80.6	53.4	0	0	26.7	26.7	.17
	2ND	.17	1.05	46.3	30	78.3	78.3	0	0	13.05	13.05	.08
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		9.5	13.29	610.14	330	940.14	524.75	0	.6	432.8	433.2	2.69

CROP WATER REQUIREMENT

SECTION NAME : BESUK 1982
PATTERN NAME : WSP-2

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	3.1	0	3.1	.02
	3RD	0	0	0	0	0	0	0	4.3	0	4.3	.03
DEC	1ST	.5	1.02	48.07	30	78.07	29.8	50	5.4	4.97	60.37	.38
	2ND	.83	1.05	54.33	33	87.33	23.33	55	2.9	0	52.9	.33
	3RD	0	0	0	0	0	0	0	1.8	19.44	76.24	.44
TOTAL		1.5	3.07	149.4	93	242.4	53.13	155	17.5	24.41	196.91	1.2

CROP WATER REQUIREMENT

SECTION NAME : BESUK 1982
PATTERN NAME : DSP

YEAR : 1969

MONTH	TO-DAY	AF	FC	CU	P	CU+P	CU+P-R	LP	N	*AF	ER	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	1.9	0	1.9	.02
APR	1ST	0	0	0	0	0	0	0	2.6	0	2.6	.02
	2ND	.1	1	46	30	76	76	30	3.3	7.6	40.9	.37
	3RD	.3	1.02	47.05	30	77.05	77.05	30	3.6	23.11	56.71	.51
MAY	1ST	.5	1.05	44.14	30	74.14	74.14	30	3.6	37.07	70.67	.64
	2ND	.7	1.08	45.4	30	75.4	75.4	30	1.8	52.78	84.58	.76
	3RD	.9	1.11	51.36	30	84.36	84.36	33	1.1	75.92	110.02	.9
JUN	1ST	1	1.17	48.02	30	78.02	78.02	0	0	58.02	58.42	.53
	2ND	1	1.23	50.47	30	80.47	80.47	0	0	80.47	80.47	.73
	3RD	1	1.28	52.45	30	82.45	82.45	0	0	82.45	82.45	.75
JUL	1ST	1	1.31	58.8	30	88.8	88.8	0	0	88.8	88.8	.8
	2ND	1	1.31	58.79	30	88.79	88.79	0	0	88.79	88.79	.8
	3RD	1	1.28	63.21	30	96.21	96.21	0	0	96.21	96.21	.79
AUG	1ST	2	1.22	59.69	30	89.69	89.69	0	0	80.72	80.72	.73
	2ND	2	1.19	58.09	30	88.09	88.09	0	0	61.66	61.66	.56
	3RD	2	1.14	61.69	33	94.69	94.69	0	0	47.35	47.35	.39
SEP	1ST	3	1.1	63.8	30	93.8	93.8	0	0	28.14	28.14	.25
	2ND	3	1.05	60.2	30	90.2	90.2	0	0	9.09	9.09	.08
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	18.54	869.85	489	1358.85	1338.85	153	18.3	918.19	1089.49	9.64

CROP WATER REQUIREMENT

SECTION NAME : BESUK 1982
 PATTEPN NAME : S-1

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	46.86	0	46.86	46.86	0	0	46.86	46.86	.07
	2ND	1	1.05	47.05	0	47.05	47.05	0	0	47.05	47.05	.07
	3RD	1	1.05	51.89	0	51.89	51.89	0	0	51.89	51.89	.07
FEB	1ST	1	1.05	49.24	0	49.24	49.24	0	0	49.24	49.24	.07
	2ND	1	1.04	49.05	0	49.05	0	0	0	0	0	0
	3RD	1	1.04	38.99	0	38.99	0	0	0	0	0	0
MAR	1ST	1	1.03	47.25	0	47.25	3.25	0	0	3.25	3.25	0
	2ND	1	1.01	46.61	0	46.61	0	0	0	0	0	0
	3RD	1	1	50.35	0	50.35	0	0	0	0	0	0
APR	1ST	1	.97	44.75	0	44.75	17.55	0	0	17.55	17.55	.03
	2ND	1	.95	43.49	0	43.49	43.49	0	0	43.49	43.49	.06
	3RD	1	.91	42	0	42	42	0	0	42	42	.06
MAY	1ST	.96	.88	36.77	0	36.77	36.77	0	0	35.24	35.24	.05
	2ND	.87	.86	36.1	0	36.1	36.1	0	0	31.59	31.59	.05
	3RD	.79	.84	38.83	0	38.83	38.83	0	0	30.74	30.74	.04
JUN	1ST	.71	.82	33.62	0	33.62	13.62	0	0	9.65	9.65	.03
	2ND	.63	.8	32.71	0	32.71	32.71	0	0	20.44	20.44	.03
	3RD	.54	.77	31.69	0	31.69	31.69	0	0	17.17	17.17	.02
JUL	1ST	.46	.75	33.6	0	33.6	33.6	0	0	15.4	15.4	.02
	2ND	.38	.72	32.38	0	32.38	32.38	0	0	12.14	12.14	.02
	3RD	.29	.69	34.2	0	34.2	34.2	0	0	9.97	9.97	.01
AUG	1ST	.21	.66	32.37	0	32.37	32.37	0	0	6.74	6.74	.01
	2ND	.13	.53	30.88	0	30.88	30.88	0	0	3.86	3.86	.01
	3RD	.04	.6	32.34	0	32.34	32.34	0	0	1.35	1.35	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	963.02	0	963.02	686.82	0	0	495.61	495.61	.7

CROP WATER REQUIREMENT

SECTION NAME : BESUK 1982
 PATTEPN NAME : S-2

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.45	0	16.45	0	0	0	0	0	0
	2ND	.13	.47	19.07	0	19.07	19.07	0	0	2.38	2.38	0
	3RD	.21	.48	19.69	0	19.69	19.69	0	0	4.1	4.1	.01
JUL	1ST	.29	.5	22.3	0	22.3	22.3	0	0	6.5	6.5	.01
	2ND	.38	.52	23.47	0	23.47	23.47	0	0	8.8	8.8	.01
	3RD	.46	.56	27.59	0	27.59	27.59	0	0	12.64	12.64	.02
AUG	1ST	.54	.6	29.32	0	29.32	29.32	0	0	15.88	15.88	.02
	2ND	.63	.64	31.29	0	31.29	31.29	0	0	19.56	19.56	.03
	3RD	.71	.67	36.28	0	36.28	36.28	0	0	25.7	25.7	.03
SEP	1ST	.79	.7	40.79	0	40.79	40.79	0	0	32.29	32.29	.05
	2ND	.87	.73	42.36	0	42.36	42.36	0	0	37.07	37.07	.05
	3RD	.96	.75	43.75	0	43.75	43.75	0	0	41.92	41.92	.06
OCT	1ST	1	.8	45.76	0	45.76	45.76	0	0	45.76	45.76	.07
	2ND	1	.85	46.45	0	46.45	46.45	0	0	48.45	48.45	.07
	3RD	1	.89	56.11	0	56.11	56.11	0	0	56.11	56.11	.07
NOV	1ST	1	.94	48.74	0	48.74	48.74	0	0	48.74	48.74	.07
	2ND	1	.97	50.58	0	50.58	50.58	0	0	50.58	50.58	.07
	3RD	1	1	51.94	0	51.94	51.94	0	0	51.94	51.94	.08
DEC	1ST	1	1.02	47.75	0	47.75	.55	0	0	.55	.55	0
	2ND	1	1.03	48.26	0	48.26	0	0	0	0	0	0
	3RD	1	1.04	53.52	0	53.52	0	0	0	0	0	0
TOTAL		15	15.6	805.45	0	805.45	638.02	0	0	508.97	508.97	.72

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORONO 1982
PATTERN NAME : WSP-1

YEAR : 1969

MONTH	TO-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.75	1.11	51.14	29	80.14	80.14	25	1.5	60.1	86.6	12.06
	2ND	.92	1.14	52.57	29	81.57	81.57	25	.9	74.77	100.67	14.02
	3RD		1.2	60.72	31.9	92.62	92.62	0	.3	92.62	92.92	11.76
FEB	1ST	1	1.25	60.03	29	89.03	89.03	0	0	89.03	89.03	12.4
	2ND	1	1.28	61.64	29	90.64	0	0	0	0	0	0
	3RD	1	1.29	49.71	23.2	72.91	0	0	0	0	0	0
MAR	1ST	1	1.28	57.62	29	86.62	42.62	0	0	42.62	42.62	5.93
	2ND	.92	1.24	55.76	29	84.76	0	0	0	0	0	0
	3RD	.75	1.22	60.3	31.9	92.2	0	0	0	0	0	0
APR	1ST	.58	1.19	53.35	29	82.35	55.15	0	0	32.17	32.17	4.48
	2ND	.42	1.14	51.5	29	80.5	80.5	0	0	33.54	33.54	4.67
	3RD	.25	1.1	49.5	29	78.5	78.5	0	0	19.63	19.63	2.73
MAY	1ST	.08	1.05	40.95	29	69.95	69.95	0	0	5.83	5.83	.81
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		9.67	15.5	704.78	377	1081.78	670.07	50	2.7	450.31	503.01	68.07

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORONO 1982
PATTERN NAME : WSP-2

YEAR : 1969

MONTH	TO-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	1.3	0	1.3	.18
	2ND	.07	1	45	29	74	0	21	1.8	0	1.8	.24
	3RD	.21	1.02	50.63	31.9	82.53	18.53	23.1	2.5	0	23.3	3.16
TOTAL		.29	2.02	95.63	60.9	156.53	18.53	44.1	8	3.97	56.07	7.24

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGOROH 1982
 PATTERN NAME : DSP

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	1.9	0	1.9	.09
MAR	3RD	0	0	0	0	0	0	0	2.6	0	2.6	.11
APR	1ST	.1	1	45	29	74	46.8	30	3.3	4.68	37.98	1.79
APR	2ND	.3	1.02	46.02	29	75.02	75.02	30	3.6	22.51	56.11	2.64
APR	3RD	.5	1.05	47.29	29	76.29	76.29	30	3.6	38.15	71.75	3.37
MAY	1ST	.7	1.08	42.16	29	71.16	71.16	30	1.8	49.81	81.61	3.84
MAY	2ND	.9	1.11	43.35	29	72.35	72.35	30	1.1	65.12	96.22	4.52
MAY	3RD	1	1.17	50.25	31.9	82.15	82.15	0	.4	82.15	82.55	3.53
JUN	1ST	1	1.23	45.54	29	74.54	74.54	0	0	54.54	54.54	2.56
JUN	2ND	1	1.28	47.33	29	76.33	76.33	0	0	76.33	76.33	3.39
JUN	3RD	1	1.31	48.35	29	77.35	77.35	0	0	77.35	77.35	3.64
JUL	1ST	1	1.31	53.57	29	82.57	82.57	0	0	82.57	82.57	3.88
JUL	2ND	1	1.28	52.35	29	81.35	81.35	0	0	81.35	81.35	3.83
JUL	3RD	.9	1.22	54.98	31.9	86.84	86.84	0	0	78.16	78.16	3.34
AUG	1ST	.7	1.19	56.9	29	85.9	85.9	0	0	60.13	60.13	2.83
AUG	2ND	.5	1.14	54.94	29	83.94	83.94	0	0	41.97	41.97	1.97
AUG	3RD	.3	1.1	58.08	31.9	89.98	89.98	0	0	26.99	26.99	1.15
SEP	1ST	.1	1.05	55.65	29	84.65	84.65	0	0	8.47	8.47	.4
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		.11	18.54	801.73	472.7	1274.43	1227.23	150	18.3	850.27	1018.57	47.08

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGOROH 1982
 PATTERN NAME : UDSP

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	1.9	0	1.9	.11
MAR	3RD	0	0	0	0	0	0	0	2.6	0	2.6	.11
APR	1ST	.1	1	45	29	74	46.8	30	3.3	4.68	37.98	1.79
APR	2ND	.3	1.02	46.02	29	75.02	75.02	30	3.6	22.51	56.11	2.64
APR	3RD	.5	1.05	47.29	29	76.29	76.29	30	3.6	38.15	71.75	3.37
MAY	1ST	.7	1.08	42.16	29	71.16	71.16	30	1.8	49.81	81.61	3.84
MAY	2ND	.9	1.11	43.35	29	72.35	72.35	30	1.1	65.12	96.22	4.52
MAY	3RD	1	1.17	50.25	31.9	82.15	82.15	0	.4	82.15	82.55	3.53
JUN	1ST	1	1.23	45.54	29	74.54	74.54	0	0	54.54	54.54	2.56
JUN	2ND	1	1.28	47.33	29	76.33	76.33	0	0	76.33	76.33	3.39
JUN	3RD	1	1.31	48.35	29	77.35	77.35	0	0	77.35	77.35	3.64
JUL	1ST	1	1.31	53.57	29	82.57	82.57	0	0	82.57	82.57	3.88
JUL	2ND	1	1.28	52.35	29	81.35	81.35	0	0	81.35	81.35	3.83
JUL	3RD	.9	1.22	54.98	31.9	86.84	86.84	0	0	78.16	78.16	3.34
AUG	1ST	.7	1.19	56.9	29	85.9	85.9	0	0	60.13	60.13	2.83
AUG	2ND	.5	1.14	54.94	29	83.94	83.94	0	0	41.97	41.97	1.97
AUG	3RD	.3	1.1	58.08	31.9	89.98	89.98	0	0	26.99	26.99	1.15
SEP	1ST	.1	1.05	55.65	29	84.65	84.65	0	0	8.47	8.47	.4
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		.11	18.54	801.73	472.7	1274.43	1227.23	150	18.3	850.27	1018.57	56.13

T* CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORONO 82
PATTERN NAME : S-1

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	47.91	0	47.91	47.91	0	0	47.91	47.91	1.47
	2ND	1	1.05	48.09	0	48.09	48.09	0	0	48.09	48.09	1.48
	3RD	1	1.05	53.04	0	53.04	53.04	0	0	53.04	53.04	1.48
FEB	1ST	1	1.05	50.29	0	50.29	50.29	0	0	50.29	50.29	1.55
	2ND	1	1.04	50.09	0	50.09	0	0	0	0	0	0
	3RD	1	1.04	39.82	0	39.82	0	0	0	0	0	0
MAR	1ST	1	1.03	46.22	0	46.22	2.22	0	0	2.22	2.22	.07
	2ND	1	1.01	45.59	0	45.59	0	0	0	0	0	0
	3RD	1	1	49.26	0	49.26	0	0	0	0	0	0
APR	1ST	1	.97	43.78	0	43.78	16.58	0	0	16.58	16.58	.51
	2ND	1	.95	42.54	0	42.54	42.54	0	0	42.54	42.54	1.31
	3RD	1	.91	41.08	0	41.08	41.08	0	0	41.08	41.08	1.26
MAY	1ST	.96	.88	34.18	0	34.18	34.18	0	0	34.18	34.18	1.01
	2ND	.87	.86	33.52	0	33.52	33.52	0	0	33.52	33.52	.9
	3RD	.79	.84	36.06	0	36.06	36.06	0	0	36.06	36.06	.8
JUN	1ST	.71	.82	30.34	0	30.34	30.34	0	0	30.34	30.34	.57
	2ND	.63	.8	29.52	0	29.52	29.52	0	0	29.52	29.52	.23
	3RD	.54	.77	28.6	0	28.6	28.6	0	0	28.6	28.6	.48
JUL	1ST	.46	.75	30.61	0	30.61	30.61	0	0	30.61	30.61	.43
	2ND	.38	.72	29.5	0	29.5	29.5	0	0	29.5	29.5	.34
	3RD	.29	.69	31.16	0	31.16	31.16	0	0	31.16	31.16	.25
AUG	1ST	.21	.66	31.71	0	31.71	31.71	0	0	31.71	31.71	.2
	2ND	.13	.63	30.25	0	30.25	30.25	0	0	30.25	30.25	.12
	3RD	.04	.6	31.68	0	31.68	31.68	0	0	31.68	31.68	.04
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	934.82	0	934.82	658.85	0	0	479.5	479.5	14.48

SECTION NAME : TURI-TUNGGORONO 82
PATTERN NAME : S-2

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	F	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.85	16.65	0	16.65	0	0	0	0	0	0
	2ND	.13	.87	17.21	0	17.21	17.21	0	0	17.21	17.21	.07
	3RD	.21	.88	17.77	0	17.77	17.77	0	0	17.77	17.77	.11
JUL	1ST	.29	.5	20.31	0	20.31	20.31	0	0	20.31	20.31	.18
	2ND	.38	.52	21.39	0	21.39	21.39	0	0	21.39	21.39	.25
	3RD	.46	.56	25.13	0	25.13	25.13	0	0	25.13	25.13	.32
AUG	1ST	.54	.6	28.72	0	28.72	28.72	0	0	28.72	28.72	.48
	2ND	.62	.64	30.65	0	30.65	30.65	0	0	30.65	30.65	.59
	3RD	.71	.67	35.54	0	35.54	35.54	0	0	35.54	35.54	.7
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	37.27	37.27	.91
	2ND	.87	.73	38.71	0	38.71	38.71	0	0	38.71	38.71	1.04
	3RD	.96	.75	39.97	0	39.97	39.97	0	0	39.97	39.97	1.16
OCT	1ST	1	.8	43.35	0	43.35	43.35	0	0	43.35	43.35	1.33
	2ND	1	.85	45.9	0	45.9	45.9	0	0	45.9	45.9	1.41
	3RD	1	.89	53.16	0	53.16	53.16	0	0	53.16	53.16	1.49
NOV	1ST	1	.94	48.87	0	48.87	48.87	0	0	48.87	48.87	1.44
	2ND	1	.97	48.63	0	48.63	48.63	0	0	48.63	48.63	1.5
	3RD	1	1	49.94	0	49.94	49.94	0	0	49.94	49.94	1.54
DEC	1ST	1	1.02	45.72	0	45.72	0	0	0	0	0	0
	2ND	1	1.03	46.2	0	46.2	0	0	0	0	0	0
	3RD	1	1.04	51.24	0	51.24	0	0	0	0	0	0
TOTAL		15	15.6	760.34	0	760.34	600.52	0	0	480.73	480.73	14.53

SECTION NAME : TURI-TUNGGORONO 1982

YEAR : 1969

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.13	0.02	0.00	0.00	0.46	0.07	0.70	0.95	2.66	3.14	1.91	0.00	10.08
2ND	0.09	0.00	0.00	0.20	0.43	0.53	0.75	1.36	2.80	2.75	1.35	0.00	10.31
3RD	0.06	0.00	0.00	0.35	0.46	0.63	0.78	1.90	2.94	2.42	0.79	0.00	10.37
TOTAL	0.28	0.02	0.00	0.56	1.36	1.25	2.25	4.22	8.41	8.32	4.06	0.00	30.77

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORONO 1983
PATTERN NAME : WSP

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	.35	1.05	48.34	29	77.34	77.34	21	2.6	27.62	51.22	6.95
	2ND	.5	1.08	49.72	29	78.72	78.72	21	2.6	39.36	62.96	8.54
	3RD	.64	1.11	56.25	31.9	88.15	88.15	23.1	2.8	56.67	82.37	10.16
FEB	1ST	.79	1.14	54.85	29	83.85	83.85	21	1.3	65.88	88.18	11.96
	2ND	.93	1.17	56.23	29	85.22	85.22	21	.8	0	21.8	2.86
	3RD	1	1.22	46.9	23.2	70.1	70.1	0	.3	0	.3	.05
MAR	1ST	1	1.26	56.65	29	85.65	85.65	0	0	41.65	41.65	5.85
	2ND	1	1.28	57.46	29	86.46	86.46	0	0	0	0	0
	3RD	1	1.27	63.06	31.9	94.96	94.96	0	0	0	0	0
APR	1ST	.93	1.25	56.14	29	85.14	85.14	0	0	53.8	53.8	7.3
	2ND	.79	1.24	55.76	29	84.76	84.76	0	0	66.6	66.6	9.03
	3RD	.64	1.22	54.82	29	83.82	83.82	0	0	53.88	53.88	7.31
MAY	1ST	.5	1.19	46.23	29	75.23	75.23	0	0	37.62	37.62	5.1
	2ND	.36	1.14	44.64	29	73.64	73.64	0	0	26.3	26.3	3.57
	3RD	.21	1.1	47.19	31.9	79.09	79.09	0	0	16.95	16.95	2.09
JUN	1ST	.07	1.05	38.85	29	67.85	67.85	0	0	3.42	3.42	.46
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.71	18.77	833.08	466.9	1299.98	872.09	107.1	10.2	489.74	607.04	81.12

SECTION NAME : TURI-TUNGGORONO 1983

YEAR : 1969

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.06	0.06	0.00	0.00	0.12	0.08	1.08	0.08	1.85	3.25	2.28	0.00	9.70
2ND	0.06	0.00	0.00	0.00	0.79	0.60	0.97	1.11	2.27	2.96	1.65	0.00	10.04
3RD	0.06	0.00	0.00	0.08	0.41	0.85	0.86	1.39	2.80	2.71	0.99	0.00	10.19
TOTAL	0.18	0.06	0.00	0.15	0.79	1.62	2.92	3.39	6.94	8.92	4.92	0.00	29.94

CROP WATER REQUIREMENT

SECTION NAME : TUP1-TUNGGORONO 1983
PATTERN NAME : OSP

YEAR ; 1969												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	1.9	0	1.9	1.09
APR	2ND	0	0	0	0	0	0	0	2.6	0	2.6	1.12
APR	3RD	1	1	85	29	74	74	30	3.3	7.4	40.7	1.84
MAY	1ST	3	1.02	39.89	29	68.89	68.89	30	3.6	20.67	54.27	2.45
MAY	2ND	5	1.05	40.99	29	69.99	69.99	30	3.6	34.99	68.59	3.1
MAY	3RD	7	1.08	46.37	31.9	78.27	78.27	33	1.8	54.79	89.59	3.68
JUN	1ST	9	1.11	41.13	29	70.13	50.13	30	1.1	45.12	76.22	3.45
JUN	2ND	1	1.17	43.34	29	72.34	72.34	0	4	72.34	72.74	3.29
JUN	3RD	1	1.23	45.54	29	74.54	74.54	0	0	74.54	74.54	3.37
JUL	1ST	1	1.28	52.45	29	81.45	81.45	0	0	81.45	81.45	3.68
JUL	2ND	1	1.31	53.58	29	82.58	82.58	0	0	82.58	82.58	3.73
JUL	3RD	1	1.31	58.92	31.9	90.82	90.82	0	0	90.82	90.82	3.73
AUG	1ST	1	1.28	61.29	29	90.29	90.29	0	0	90.29	90.29	4.08
AUG	2ND	9	1.22	58.97	29	87.97	87.97	0	0	78.72	78.72	3.56
AUG	3RD	7	1.19	52.59	31.9	84.49	84.49	0	0	66.14	66.14	2.72
SEP	1ST	5	1.14	60.66	29	89.66	89.66	0	0	89.66	89.66	2.03
SEP	2ND	3	1.1	58.3	29	87.3	87.3	0	0	76.19	76.19	1.18
SEP	3RD	1	1.05	55.44	29	84.44	84.44	0	0	8.47	8.47	0.38
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	18.54	824.17	472.7	1296.87	1276.87	153	18.3	879.34	1050.64	46.49

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORONO 1983
PATTERN NAME : UDSP

YEAR ; 1969												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	1.9	0	1.9	1.1
APR	2ND	0	0	0	0	0	0	0	2.6	0	2.6	1.14
APR	3RD	1	1	85	29	74	74	30	3.3	7.4	40.7	2.21
MAY	1ST	3	1.02	39.89	29	68.89	68.89	30	3.6	20.67	54.27	2.94
MAY	2ND	5	1.05	40.99	29	69.99	69.99	30	3.6	34.99	68.59	3.72
MAY	3RD	7	1.08	46.37	31.9	78.27	78.27	33	1.8	54.79	89.59	4.42
JUN	1ST	9	1.11	41.13	29	70.13	50.13	30	1.1	45.12	76.22	4.14
JUN	2ND	1	1.17	43.34	29	72.34	72.34	0	4	72.34	72.74	3.95
JUN	3RD	1	1.23	45.54	29	74.54	74.54	0	0	74.54	74.54	4.08
JUL	1ST	1	1.28	52.45	29	81.45	81.45	0	0	81.45	81.45	4.42
JUL	2ND	1	1.31	53.58	29	82.58	82.58	0	0	82.58	82.58	4.48
JUL	3RD	1	1.31	58.92	31.9	90.82	90.82	0	0	90.82	90.82	4.48
AUG	1ST	1	1.28	61.29	29	90.29	90.29	0	0	90.29	90.29	4.9
AUG	2ND	9	1.22	58.97	29	87.97	87.97	0	0	78.72	78.72	4.27
AUG	3RD	7	1.19	52.59	31.9	84.49	84.49	0	0	66.14	66.14	3.26
SEP	1ST	5	1.14	60.66	29	89.66	89.66	0	0	89.66	89.66	2.43
SEP	2ND	3	1.1	58.3	29	87.3	87.3	0	0	76.19	76.19	1.42
SEP	3RD	1	1.05	55.44	29	84.44	84.44	0	0	8.47	8.47	0.46
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	18.54	824.17	472.7	1296.87	1276.87	153	18.3	879.34	1050.64	55.79

TURU CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORNO 1983
PATTERN NAME : S-1

YEAR : 1969												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	1	1.04	47.91	0	47.91	47.91	0	0	47.91	47.91	1.47
	2ND	1	1.05	48.09	0	48.09	48.09	0	0	48.09	48.09	1.48
	3RD	1	1.05	53.04	0	53.04	53.04	0	0	53.04	53.04	1.48
FEB	1ST	1	1.05	50.29	0	50.29	50.29	0	0	50.29	50.29	1.55
	2ND	1	1.04	50.09	0	50.09	0	0	0	0	0	0
	3RD	1	1.04	39.82	0	39.82	0	0	0	0	0	0
HAR	1ST	1	1.03	46.22	0	46.22	2.22	0	0	2.22	2.22	.07
	2ND	1	1.01	45.59	0	45.59	0	0	0	0	0	0
	3RD	1	1	49.26	0	49.26	0	0	0	0	0	0
APR	1ST	1	.97	43.78	0	43.78	16.58	0	0	16.58	16.58	.51
	2ND	1	.95	42.54	0	42.54	42.54	0	0	42.54	42.54	1.31
	3RD	1	.91	41.08	0	41.08	41.08	0	0	41.08	41.08	1.26
MAY	1ST	.96	.86	34.14	0	34.14	34.14	0	0	32.72	32.72	1.01
	2ND	.87	.86	33.52	0	33.52	33.52	0	0	29.33	29.33	.9
	3RD	.79	.84	36.06	0	36.06	36.06	0	0	28.55	28.55	.8
JUN	1ST	.71	.82	30.34	0	30.34	30.34	0	0	7.32	7.32	.23
	2ND	.63	.8	29.52	0	29.52	29.52	0	0	18.45	18.45	.57
	3RD	.54	.77	28.6	0	28.6	28.6	0	0	15.49	15.49	.48
JUL	1ST	.46	.75	30.61	0	30.61	30.61	0	0	14.03	14.03	.43
	2ND	.38	.72	29.5	0	29.5	29.5	0	0	11.06	11.06	.34
	3RD	.29	.69	31.16	0	31.16	31.16	0	0	9.09	9.09	.25
AUG	1ST	.21	.66	31.71	0	31.71	31.71	0	0	6.61	6.61	.2
	2ND	.13	.63	30.25	0	30.25	30.25	0	0	3.78	3.78	.12
	3RD	.04	.6	31.68	0	31.68	31.68	0	0	1.32	1.32	.04
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	934.82	0	934.82	658.85	0	0	479.5	479.5	14.48

CROP WATER REQUIREMENT

SECTION NAME : TURI-TUNGGORNO 1983
PATTERN NAME : S-2

YEAR : 1969												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	H	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
HAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.65	0	16.65	0	0	0	2.15	2.15	.07
	2ND	.12	.47	17.21	0	17.21	17.21	0	0	3.7	3.7	.13
	3RD	.21	.48	17.77	0	17.77	17.77	0	0	5.92	5.92	.2
JUL	1ST	.29	.5	20.31	0	20.31	20.31	0	0	8.02	8.02	.28
	2ND	.38	.52	21.39	0	21.39	21.39	0	0	11.52	11.52	.36
	3RD	.46	.56	25.13	0	25.13	25.13	0	0	15.56	15.56	.53
AUG	1ST	.54	.6	28.72	0	28.72	28.72	0	0	19.16	19.16	.66
	2ND	.63	.64	30.65	0	30.65	30.65	0	0	25.17	25.17	.79
	3RD	.71	.67	31.54	0	31.54	31.54	0	0	29.51	29.51	1.01
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	33.87	33.87	1.16
	2ND	.87	.73	38.71	0	38.71	38.71	0	0	38.31	38.31	1.32
	3RD	.96	.75	39.97	0	39.97	39.97	0	0	43.35	43.35	1.49
OCT	1ST	1	.8	43.35	0	43.35	43.35	0	0	45.9	45.9	1.58
	2ND	1	.85	45.9	0	45.9	45.9	0	0	53.16	53.16	1.66
	3RD	1	.89	53.16	0	53.16	53.16	0	0	46.87	46.87	1.61
NOV	1ST	1	.94	46.87	0	46.87	46.87	0	0	48.63	48.63	1.67
	2ND	1	.97	48.63	0	48.63	48.63	0	0	49.94	49.94	1.72
	3RD	1	1	49.94	0	49.94	49.94	0	0	0	0	0
DEC	1ST	1	1.02	45.72	0	45.72	0	0	0	0	0	0
	2ND	1	1.03	46.2	0	46.2	0	0	0	0	0	0
	3RD	1	1.04	51.24	0	51.24	0	0	0	0	0	0
TOTAL		15	15.6	760.34	0	760.34	600.52	0	0	480.73	480.73	16.24

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1981
PATTERN NAME : WSP-1

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.5	1.05	48.34	29	77.34	0	39	3.6	0	33.6	1.02
	2ND	.7	1.08	49.72	29	78.72	16.32	30	1.8	11.43	43.23	2.35
	3RD	.9	1.11	56.25	31.9	88.15	0	33	1.1	0	34.1	1.68
FEB	1ST	1	1.17	56.22	29	85.22	0	0	.4	0	.4	.02
	2ND	1	1.23	59.08	29	88.08	72.08	0	0	72.06	72.08	3.91
	3RD	1	1.28	49.12	23.2	72.32	65.92	0	0	65.92	65.92	4.47
MAR	1ST	1	1.31	58.8	29	87.8	23.8	0	0	23.8	23.8	1.29
	2ND	1	1.31	58.79	29	87.79	0	0	0	0	0	0
	3RD	1	1.28	63.21	31.9	95.11	58.31	0	0	58.31	58.31	2.88
APR	1ST	.9	1.22	50.82	29	83.82	83.82	0	0	75.44	75.44	4.09
	2ND	.7	1.19	53.35	29	82.35	82.35	0	0	57.64	57.64	3.13
	3RD	.5	1.14	51.5	29	80.5	80.5	0	0	40.25	40.25	2.18
MAY	1ST	.3	1.1	42.9	29	71.9	71.9	0	0	21.57	21.57	1.17
	2ND	.1	1.05	40.95	29	69.95	69.95	0	0	.7	.7	.38
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.6	16.51	743.06	906	1149.06	624.96	93	6.9	433.44	533.34	29.37

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1981
PATTERN NAME : WSP-2

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1.2	0	1.2	.06
	3RD	0	0	0	0	0	0	0	1.6	0	1.6	.08
DEC	1ST	.06	1	45	29	74	74	19	2	4.63	25.63	1.25
	2ND	.19	1.02	46.02	29	75.02	0	19	2.3	0	21.3	1.04
	3RD	.31	1.05	52.02	31.9	83.92	28.72	20.9	2.3	8.98	32.18	1.43
TOTAL		.56	3.07	143.04	89.9	232.94	102.72	58.9	9.4	13.6	81.9	3.86

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1981
PATTERN NAME : DSP

YEAR : 1965		AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
MONTH	10-DAY											
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	0
APR	2ND	0	0	0	0	0	0	0	4.3	0	4.3	0
APR	3RD	.17	1	45	29	74	74	50	5.4	12.33	67.73	.06
MAY	1ST	.5	1.02	39.89	29	68.89	68.89	50	2.9	34.44	87.34	.08
MAY	2ND	.83	1.05	40.99	29	69.99	69.99	50	1.8	58.32	110.12	.1
MAY	3RD	1	1.11	47.53	31.9	79.43	79.43	0	.6	79.43	80.03	.07
JUN	1ST	1	1.17	43.32	29	72.32	72.32	0	0	72.32	72.32	.07
JUN	2ND	1	1.23	45.68	29	74.68	74.68	0	0	74.68	74.68	.07
JUN	3RD	1	1.29	47.81	29	76.81	76.81	0	0	76.81	76.81	.07
JUL	1ST	1	1.33	54.54	29	83.54	83.54	0	0	83.54	83.54	.08
JUL	2ND	1	1.33	54.68	29	83.68	83.68	0	0	83.68	83.68	.08
JUL	3RD	1	1.3	58.49	31.9	90.39	86.39	0	0	86.39	86.39	.07
AUG	1ST	1	1.23	59.07	29	88.07	88.07	0	0	88.07	88.07	.08
AUG	2ND	.83	1.14	54.94	29	83.94	83.94	0	0	69.95	69.95	.06
AUG	3RD	.5	1.1	58.08	31.9	89.98	84.98	0	0	44.99	44.99	.04
SEP	1ST	.17	1.05	55.65	29	84.65	84.65	0	0	14.11	14.11	.01
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	705.66	414.7	1120.36	1116.36	150	18.1	879.07	1047.17	.93

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1981
PATTERN NAME : UDSF

YEAR : 1965		AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
MONTH	10-DAY											
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	2.3	0	2.3	.01
APR	2ND	0	0	0	0	0	0	0	3.2	0	3.2	.02
APR	3RD	.13	1	45	29	74	74	38	4.1	9.25	51.35	.32
MAY	1ST	.38	1.02	39.89	29	68.89	68.89	38	4.5	25.83	68.33	.42
MAY	2ND	.63	1.05	40.99	29	69.99	69.99	38	2.2	43.74	83.94	.52
MAY	3RD	.88	1.08	46.37	31.9	78.27	78.27	41.8	1.3	68.49	111.59	.62
JUN	1ST	1	1.14	42.16	29	71.16	71.16	0	.4	71.16	71.16	.44
JUN	2ND	1	1.2	44.5	29	73.5	73.5	0	0	73.5	73.5	.45
JUN	3RD	1	1.26	46.49	29	75.69	75.69	0	0	75.69	75.69	.47
JUL	1ST	1	1.31	53.56	29	82.56	82.56	0	0	82.56	82.56	.51
JUL	2ND	1	1.32	54.32	29	83.32	83.32	0	0	83.32	83.32	.51
JUL	3RD	1	1.31	59.02	31.9	90.92	86.92	0	0	86.92	86.92	.49
AUG	1ST	1	1.26	60.49	29	89.49	89.49	0	0	89.49	89.49	.54
AUG	2ND	.88	1.19	56.9	29	85.9	85.9	0	0	75.16	75.16	.46
AUG	3RD	.63	1.14	60.43	31.9	92.33	87.33	0	0	57.71	57.71	.32
SEP	1ST	.38	1.1	58.1	29	87.1	87.1	0	0	32.74	32.74	.2
SEP	2ND	.13	1.05	55.65	29	84.65	84.65	0	0	10.58	10.58	.07
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	17.49	764.27	443.7	1207.97	1203.97	155.6	16	886.14	1059.94	6.37

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1981
PATTERN NAME : S

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	F	CU+F	CU+F-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.65	0	16.65	16.65	0	0	.69	.69	1.01
	2ND	.13	.47	17.21	0	17.21	17.21	0	0	2.15	2.15	.93
	3RD	.21	.48	17.77	0	17.77	17.77	0	0	3.7	3.7	.05
JUL	1ST	.29	.5	20.51	0	20.51	20.51	0	0	5.95	5.95	.09
	2ND	.35	.52	21.39	0	21.39	21.39	0	0	8.02	8.02	.12
	3RD	.46	.56	25.13	0	25.13	25.13	0	0	9.69	9.69	.13
AUG	1ST	.54	.6	28.72	0	28.72	28.72	0	0	15.56	15.56	.23
	2ND	.63	.64	30.65	0	30.65	30.65	0	0	19.16	19.16	.28
	3RD	.71	.67	35.54	0	35.54	35.54	0	0	25.17	25.17	.33
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	29.51	29.51	.43
	2ND	.87	.73	38.71	0	38.71	38.71	0	0	33.87	33.87	.49
	3RD	.96	.75	39.97	0	39.97	39.97	0	0	38.31	38.31	.55
OCT	1ST	1	.8	43.35	0	43.35	43.35	0	0	43.35	43.35	.63
	2ND	1	.85	45.9	0	45.9	45.9	0	0	45.9	45.9	.68
	3RD	1	.89	53.16	0	53.16	53.16	0	0	53.16	53.16	.7
NOV	1ST	1	.94	46.87	0	46.87	46.87	0	0	46.87	46.87	.68
	2ND	1	.97	48.63	0	48.63	48.63	0	0	48.63	48.63	.7
	3RD	1	1	49.98	0	49.98	49.98	0	0	49.98	49.98	.72
DEC	1ST	1	1.02	45.72	0	45.72	45.72	0	0	45.72	45.72	.66
	2ND	1	1.03	46.7	0	46.7	46.7	0	0	46.7	46.7	.67
	3RD	1	1.04	51.24	0	51.24	51.24	0	0	51.24	51.24	.7
TOTAL		15	15.6	760.34	0	760.34	651.69	0	0	518.11	518.11	7.38

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1981

YEAR : 1965

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.01	0.45	0.72	0.92	1.13	1.45	1.57	1.42	0.62	6.42
2ND	0.00	0.00	0.00	0.15	0.57	0.79	0.96	1.20	1.50	1.55	1.17	0.00	7.58
3RD	0.00	0.02	0.00	0.35	0.66	0.82	0.83	1.28	1.52	1.55	0.72	0.00	7.81
TOTAL	0.00	0.04	0.00	0.54	1.71	2.37	2.75	3.62	4.57	4.67	3.32	0.62	24.24

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1982
PATTERN NAME : WSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU*P	CU*P-R	LP	H	*AF	ER	Q
JAN	1ST	.84	1.08	89.72	29	78.72	0	19	3.1	0	22.1	1.08
	2ND	.56	1.11	51.14	29	80.14	17.70	19	4.3	9.98	33.28	1.62
	3RD	.69	1.14	57.82	31.9	89.72	0	20.9	5.4	0	26.3	1.17
FEB	1ST	.81	1.17	56.23	29	85.23	0	19	2.9	0	21.9	1.07
	2ND	.94	1.19	57.29	29	86.29	70.29	19	1.8	65.9	86.7	4.23
	3RD	1	1.23	47.31	23.2	70.51	64.11	0	.6	64.11	64.71	3.95
MAR	1ST	1	1.26	56.51	29	85.51	21.51	0	0	21.51	21.51	1.05
	2ND	1	1.26	56.75	29	85.75	0	0	0	0	0	0
	3RD	.94	1.25	61.67	31.9	93.57	56.77	0	0	53.22	53.22	2.36
APR	1ST	.81	1.25	56.14	29	85.14	85.14	0	0	69.18	69.18	3.38
	2ND	.69	1.24	55.76	29	84.76	84.76	0	0	58.27	58.27	2.85
	3RD	.56	1.22	54.82	29	83.82	83.82	0	0	47.15	47.15	2.3
MAY	1ST	.48	1.19	46.23	29	75.23	75.23	0	0	32.91	32.91	1.61
	2ND	.31	1.14	44.64	29	73.64	73.64	0	0	23.01	23.01	1.12
	3RD	.19	1.1	47.19	31.9	79.09	79.09	0	0	14.83	14.83	.66
JUN	1ST	.06	1.05	38.85	29	67.85	67.85	0	0	4.24	4.24	.21
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.88	18.88	838.07	466.9	1304.97	778.95	96.9	18.1	464.31	579.31	28.66

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1982

YEAR : 1965

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.36	0.49	0.69	0.70	1.00	1.12	0.85	0.32	5.51
2ND	0.00	0.00	0.00	0.00	0.37	0.53	0.66	0.77	1.03	1.05	0.69	0.00	5.14
3RD	0.00	0.00	0.00	0.00	0.44	0.58	0.54	0.84	1.07	0.99	0.41	0.00	4.90
TOTAL	0.00	0.01	0.00	0.00	1.12	1.61	1.90	2.32	3.11	3.17	1.96	0.32	15.56

PRIO

CROP WATER REQUIREMENT

SECTION NAME : GOTTEN ETC 1962
 PATTERN NAME : WSP-2

YEAR : 1965		AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
MONTH	10-DAY											
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	1.5	0	1.5	.06
	2ND	0	0	0	0	0	0	0	2.1	0	2.1	.09
	3RD	.08	1	49.5	31.9	81.4	26.2	27.5	2.7	2.18	32.38	1.27
TOTAL		.08	1	49.5	31.9	81.4	26.2	27.5	6.3	2.18	35.98	1.37

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1982
 PATTERN NAME : DSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	0
APR	2ND	0	0	0	0	0	0	0	2.3	0	2.3	0
APR	3RD	.17	1	.45	.29	.74	.74	.50	5.2	12.33	67.73	.07
MAY	1ST	.5	1.02	39.89	29	68.89	68.89	50	2.9	34.44	87.34	.09
MAY	2ND	.83	1.05	40.99	29	69.99	69.99	50	1.8	58.32	110.12	.12
MAY	3RD	1	1.11	47.53	31.9	79.43	79.43	0	.6	79.43	80.03	.08
JUN	1ST	1	1.17	43.32	29	72.32	72.32	0	0	72.32	72.32	.08
JUN	2ND	1	1.23	45.68	29	74.68	74.68	0	0	74.68	74.68	.08
JUN	3RD	1	1.29	47.81	29	76.81	76.81	0	0	76.81	76.81	.08
JUL	1ST	1	1.33	54.54	29	83.54	83.54	0	0	83.54	83.54	.09
JUL	2ND	1	1.33	54.68	29	83.68	83.68	0	0	83.68	83.68	.09
JUL	3RD	1	1.3	58.49	31.9	90.39	88.39	0	0	86.39	86.39	.09
AUG	1ST	1	1.23	59.07	29	88.07	88.07	0	0	88.07	88.07	.1
AUG	2ND	.83	1.18	58.94	29	83.94	83.94	0	0	69.95	69.95	.08
AUG	3RD	.5	1.1	58.08	31.9	89.98	89.98	0	0	44.99	44.99	.04
SEP	1ST	.17	1.05	55.65	29	84.65	84.65	0	0	14.11	14.11	.02
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	705.66	414.7	1120.36	1116.36	150	18.1	879.07	1047.17	1.12

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1982
 PATTERN NAME : UDSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	1.9	0	1.9	.01
APR	2ND	0	0	0	0	0	0	0	2.6	0	2.6	.01
APR	3RD	.1	1	.45	.29	.74	.74	.30	3.3	7.4	40.7	.15
MAY	1ST	.3	1.02	39.89	29	68.89	68.89	30	3.6	20.67	54.27	.2
MAY	2ND	.5	1.05	40.99	29	69.99	69.99	30	3.6	34.99	68.59	.25
MAY	3RD	.7	1.08	46.37	31.9	78.27	78.27	33	1.8	54.79	89.59	.29
JUN	1ST	.9	1.11	41.12	29	70.13	70.13	30	1.1	63.12	94.22	.34
JUN	2ND	1	1.17	43.34	29	72.34	72.34	0	.9	72.34	72.74	.26
JUN	3RD	1	1.23	45.54	29	74.54	74.54	0	0	74.54	74.54	.27
JUL	1ST	1	1.28	52.45	29	81.45	81.45	0	0	81.45	81.45	.29
JUL	2ND	1	1.31	53.58	29	82.58	82.58	0	0	82.58	82.58	.3
JUL	3RD	1	1.31	58.93	31.9	90.23	86.83	0	0	86.83	86.83	.29
AUG	1ST	1	1.28	61.29	29	90.29	90.29	0	0	90.29	90.29	.33
AUG	2ND	.9	1.22	58.47	29	87.47	87.47	0	0	78.73	78.73	.28
AUG	3RD	.7	1.19	62.59	31.9	94.49	94.49	0	0	66.14	66.14	.22
SEP	1ST	.5	1.14	60.66	29	89.66	89.66	0	0	44.83	44.83	.16
SEP	2ND	.3	1.1	58.3	29	87.3	87.3	0	0	26.15	26.15	.09
SEP	3RD	.1	1.05	55.65	29	84.65	84.65	0	0	8.47	8.47	.03
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	18.54	824.17	472.7	1296.87	1292.87	153	18.3	893.34	1064.64	3.77

CROP WATER REQUIREMENT

SECTION NAME : GOTTAL ETC 1982
 PATTERN NAME : S-1

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	47.91	0	47.91	0	0	0	0	0	0
	2ND	1	1.05	48.09	0	48.09	0	0	0	0	0	0
	3RD	1	1.05	53.04	0	53.04	0	0	0	0	0	0
FEB	1ST	1	1.05	50.29	0	50.29	0	0	0	0	0	0
	2ND	1	1.04	50.09	0	50.09	34.09	0	0	34.09	34.09	.49
	3RD	1	1.04	39.82	0	39.82	33.42	0	0	33.42	33.42	.6
MAR	1ST	1	1.03	46.22	0	46.22	0	0	0	0	0	0
	2ND	1	1.01	45.59	0	45.59	0	0	0	0	0	0
	3RD	1	1	49.26	0	49.26	12.46	0	0	12.46	12.46	.16
APR	1ST	1	.97	43.78	0	43.78	43.78	0	0	43.78	43.78	.63
	2ND	1	.95	42.54	0	42.54	42.54	0	0	42.54	42.54	.62
	3RD	1	.91	41.08	0	41.08	41.08	0	0	41.08	41.08	.59
MAY	1ST	.96	.86	34.14	0	34.14	34.14	0	0	32.72	32.72	.47
	2ND	.87	.86	33.52	0	33.52	33.52	0	0	29.33	29.33	.42
	3RD	.79	.84	36.06	0	36.06	36.06	0	0	28.55	28.55	.36
JUN	1ST	.71	.82	30.34	0	30.34	30.34	0	0	21.40	21.40	.31
	2ND	.63	.8	29.52	0	29.52	29.52	0	0	18.44	18.44	.27
	3RD	.54	.77	28.6	0	28.6	28.6	0	0	15.40	15.40	.22
JUL	1ST	.46	.75	30.61	0	30.61	30.61	0	0	14.03	14.03	.2
	2ND	.38	.72	29.5	0	29.5	29.5	0	0	11.06	11.06	.16
	3RD	.29	.69	31.16	0	31.16	27.16	0	0	7.92	7.92	.11
AUG	1ST	.21	.66	31.71	0	31.71	31.71	0	0	6.61	6.61	.11
	2ND	.13	.63	30.25	0	30.25	30.25	0	0	3.78	3.78	.05
	3RD	.04	.6	31.68	0	31.68	31.68	0	0	1.32	1.32	.02
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	934.82	0	934.82	580.48	0	0	398.13	398.13	5.81

CROP WATER REQUIREMENT

SECTION NAME : GOTTAL ETC 1982
 PATTERN NAME : S-2

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.65	0	16.65	16.65	0	0	0	0	0
	2ND	.13	.47	17.21	0	17.21	17.21	0	0	2.69	2.69	.02
	3RD	.21	.48	17.77	0	17.77	17.77	0	0	2.15	2.15	.05
JUL	1ST	.29	.5	20.31	0	20.31	20.31	0	0	3.7	3.7	.05
	2ND	.38	.52	21.39	0	21.39	21.39	0	0	5.92	5.92	.13
	3RD	.46	.54	25.13	0	25.13	25.13	0	0	8.02	8.02	.17
AUG	1ST	.54	.6	28.72	0	28.72	28.72	0	0	9.69	9.69	.24
	2ND	.63	.64	30.55	0	30.55	30.55	0	0	15.56	15.56	.34
	3RD	.71	.67	35.54	0	35.54	35.54	0	0	19.16	19.16	.42
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	25.17	25.17	.5
	2ND	.87	.73	38.77	0	38.77	38.77	0	0	29.51	29.51	.64
	3RD	.96	.75	39.97	0	39.97	39.97	0	0	33.87	33.87	.77
OCT	1ST	1	.85	43.35	0	43.35	43.35	0	0	38.31	38.31	.81
	2ND	1	.89	45.9	0	45.9	45.9	0	0	43.35	43.35	.94
	3RD	1	.89	53.16	0	53.16	53.16	0	0	45.9	45.9	1
NOV	1ST	1	.94	46.87	0	46.87	46.87	0	0	53.16	53.16	1.05
	2ND	1	.97	48.63	0	48.63	48.63	0	0	46.87	46.87	1.02
	3RD	1	1	49.94	0	49.94	42.74	0	0	48.63	48.63	1.06
DEC	1ST	1	1.02	45.72	0	45.72	45.72	0	0	42.74	42.74	.93
	2ND	1	1.03	46.2	0	46.2	0	0	0	45.72	45.72	.99
	3RD	1	1.04	51.24	0	51.24	0	0	0	0	0	0
TOTAL		15	15.6	766.34	0	766.34	651.69	0	0	518.11	518.11	11.07

CROP WATER REQUIREMENT

SECTION NAME : GOITAN ETC 1983
PATTERN NAME : MSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	#AF	IR	Q
JAN	1ST	.25	1.02	47.05	29	76.05	0	25	3	0	28	1.16
	2ND	.42	1.05	48.34	29	77.34	14.94	25	3	6.23	34.23	1.42
	3RD	.58	1.08	54.69	31.9	86.59	0	27.5	3	0	30.5	1.15
FEB	1ST	.75	1.11	53.36	29	82.36	0	25	1.5	0	26.5	1.1
	2ND	.92	1.14	54.85	29	83.85	67.85	25	.9	62.2	88.1	3.66
	3RD	1	1.2	46.08	23.2	69.28	62.88	0	.3	62.88	63.18	3.28
MAR	1ST	1	1.25	56.28	29	85.28	21.28	0	0	21.28	21.28	.89
	2ND	1	1.28	57.78	29	86.78	0	0	0	0	0	0
	3RD	1	1.29	64.08	31.9	95.98	59.18	0	0	0	0	0
APR	1ST	1	1.28	49.94	29	78.94	78.94	0	0	59.18	59.18	2.24
	2ND	.92	1.24	48.32	29	77.32	77.32	0	0	78.94	78.94	3.28
	3RD	.75	1.22	47.51	29	76.51	76.51	0	0	70.88	70.88	2.95
MAY	1ST	.58	1.19	43.86	29	72.86	72.86	0	0	57.38	57.38	2.39
	2ND	.42	1.14	42.35	29	71.35	71.35	0	0	42.5	42.5	1.77
	3RD	.25	1.1	44.77	31.9	76.67	76.67	0	0	29.73	29.73	1.28
JUN	1ST	.08	1.05	49.35	29	78.35	78.35	0	0	19.17	19.17	.72
	2ND	0	0	0	0	0	0	0	0	6.53	6.53	.27
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		10.92	18.66	808.61	466.9	1275.51	758.13	127.5	11.7	516.89	656.09	27.53

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.04	0.07	0.61	0.97	0.96	1.08	0.90	0.80	0.67	6.12
2ND	0.00	0.01	0.00	0.05	0.26	0.69	0.92	0.97	1.01	0.89	0.78	0.00	5.61
3RD	0.00	0.01	0.00	0.07	0.45	0.78	0.75	0.97	0.95	0.87	0.59	0.00	5.46
TOTAL	0.00	0.03	0.00	0.16	0.78	2.09	2.64	2.91	3.05	2.67	2.18	0.67	17.23

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN ETC 1983
 PATTERN NAME : UDSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	1.9	0	1.9	.01
	3RD	0	0	0	0	0	0	0	2.6	0	2.6	.01
MAY	1ST	.1	1	37	29	66.84	66.84	30	3.3	6.6	39.9	.17
	2ND	.3	1.02	47.84	29	66.84	66.84	30	3.6	20.05	53.65	.23
	3RD	.5	1.05	42.77	31.9	74.67	74.67	32	3.6	37.34	73.94	.29
JUN	1ST	.7	1.08	50.8	29	79.8	79.8	30	1.8	55.86	87.66	.38
	2ND	.9	1.11	57.25	29	81.25	81.25	30	1.1	73.12	104.22	.45
	3RD	1	1.17	55.07	29	84.05	84.05	0	.4	84.05	84.05	.37
JUL	1ST	1	1.27	59.87	29	79.47	79.47	0	0	79.47	79.47	.34
	2ND	1	1.28	57.84	29	81.45	81.45	0	0	81.45	81.45	.35
	3RD	1	1.31	57.57	21.0	96.83	86.83	0	0	86.83	86.83	.34
AUG	1ST	1	1.31	52.71	29	91.71	91.71	0	0	91.71	91.71	.4
	2ND	1	1.22	51.29	29	90.29	90.29	0	0	90.29	90.29	.39
	3RD	.9	1.22	54.32	31.0	96.22	96.22	0	0	86.6	86.6	.34
SEP	1ST	.7	1.16	62.82	29	91.83	91.83	0	0	64.28	64.28	.28
	2ND	.5	1.14	59.66	29	89.66	89.66	0	0	84.83	84.83	.19
	3RD	.3	1.1	58.3	29	87.3	87.3	0	0	26.19	26.19	.11
OCT	1ST	.1	1.05	56.7	29	85.7	85.7	0	0	8.57	8.57	.04
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	10.54	864.38	472.7	1337.08	1333.08	153	18.3	937.25	1108.55	4.71

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN-S-83
PATTERN NAME : S-1

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	47.91	0	47.91	0	0	0	0	0	0
JAN	2ND	1	1.05	48.09	0	48.09	0	0	0	0	0	0
JAN	3RD	1	1.05	53.04	0	53.04	0	0	0	0	0	0
FEB	1ST	1	1.05	50.29	0	50.29	0	0	0	0	0	0
FEB	2ND	1	1.04	50.09	0	50.09	34.09	0	0	34.09	34.09	.74
FEB	3RD	1	1.04	39.82	0	39.82	33.42	0	0	33.42	33.42	.91
MAR	1ST	1	1.03	46.22	0	46.22	0	0	0	0	0	0
MAR	2ND	1	1.01	45.59	0	45.59	0	0	0	0	0	0
MAR	3RD	1	1	49.26	0	49.26	12.46	0	0	12.46	12.46	.25
APR	1ST	1	.97	43.78	0	43.78	43.78	0	0	43.78	43.78	.95
APR	2ND	1	.95	42.54	0	42.54	42.54	0	0	42.54	42.54	.92
APR	3RD	1	.91	41.08	0	41.08	41.08	0	0	41.08	41.08	.89
MAY	1ST	.96	.88	34.14	0	34.14	34.14	0	0	32.72	32.72	.71
MAY	2ND	.87	.86	33.52	0	33.52	33.52	0	0	29.33	29.33	.64
MAY	3RD	.79	.84	36.06	0	36.06	36.06	0	0	28.55	28.55	.56
JUN	1ST	.71	.82	30.34	0	30.34	30.34	0	0	21.49	21.44	.47
JUN	2ND	.63	.8	29.52	0	29.52	29.52	0	0	18.45	18.45	.4
JUN	3RD	.54	.77	28.6	0	28.6	28.6	0	0	15.49	15.49	.34
JUL	1ST	.46	.75	30.61	0	30.61	30.61	0	0	14.03	14.03	.3
JUL	2ND	.38	.72	29.5	0	29.5	29.5	0	0	11.06	11.06	.22
JUL	3RD	.29	.69	31.16	0	31.16	27.16	0	0	7.92	7.92	.16
AUG	1ST	.21	.66	31.71	0	31.71	31.71	0	0	6.61	6.61	.14
AUG	2ND	.13	.63	30.25	0	30.25	30.25	0	0	3.78	3.78	.08
AUG	3RD	.04	.6	31.68	0	31.68	31.68	0	0	1.32	1.32	.03
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	934.82	0	934.82	580.48	0	0	398.13	398.13	8.72

CROP WATER REQUIREMENT

SECTION NAME : GOTTAN-S-83
PATTERN NAME : S-2

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.65	0	16.65	16.65	0	0	.65	.65	.01
JUN	2ND	.13	.47	17.27	0	17.27	17.27	0	0	2.15	2.14	.04
JUN	3RD	.21	.48	17.77	0	17.77	17.77	0	0	5.7	3.7	.06
JUL	1ST	.29	.5	20.31	0	20.31	20.31	0	0	5.02	5.02	.13
JUL	2ND	.38	.52	21.29	0	21.29	21.29	0	0	8.02	8.02	.17
JUL	3RD	.46	.56	25.13	0	25.13	25.13	0	0	3.56	3.69	.14
AUG	1ST	.54	.6	28.77	0	28.77	28.77	0	0	15.56	15.56	.34
AUG	2ND	.62	.64	30.61	0	30.61	30.61	0	0	19.16	19.16	.42
AUG	3RD	.71	.67	35.14	0	35.14	35.14	0	0	25.17	25.17	.5
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	29.51	29.51	.64
SEP	2ND	.87	.73	38.71	0	38.71	38.71	0	0	33.87	33.87	.74
SEP	3RD	.96	.75	39.27	0	39.27	39.27	0	0	38.31	38.31	.83
OCT	1ST	1	.8	42.35	0	42.35	42.35	0	0	42.35	42.35	.94
OCT	2ND	1	.85	45.9	0	45.9	45.9	0	0	45.9	45.9	1
OCT	3RD	1	.89	53.16	0	53.16	53.16	0	0	53.16	53.16	1.05
NOV	1ST	1	.94	46.87	0	46.87	46.87	0	0	46.87	46.87	1.02
NOV	2ND	1	.97	48.63	0	48.63	48.63	0	0	48.63	48.63	1.06
NOV	3RD	1	1	49.94	0	49.94	42.74	0	0	42.74	42.74	.93
DEC	1ST	1	1.02	45.72	0	45.72	45.72	0	0	45.72	45.72	.99
DEC	2ND	1	1.03	46.2	0	46.2	0	0	0	0	0	0
DEC	3RD	1	1.04	51.24	0	51.24	0	0	0	0	0	0
TOTAL		15	15.6	760.34	0	760.34	651.69	0	0	518.11	518.11	11.07

CROP WATER REQUIREMENT

SECTION NAME : JATIMLEREK-BUNDER 1982
PATTERN NAME : WSP-1

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	.88	1.08	49.72	30	79.72	79.72	38	1.3	69.76	109.06	1.68
	2ND	1	1.14	52.42	30	82.42	82.42	0	4	82.42	82.82	1.27
	3RD	1	1.2	60.86	33	93.86	93.86	0	0	93.86	93.86	1.31
FEB	1ST	1	1.26	60.57	30	90.57	90.57	0	0	90.57	90.57	1.39
	2ND	1	1.31	62.71	30	92.71	0	0	0	0	0	0
	3RD	1	1.32	50.87	24	74.87	.47	0	0	.47	.47	.01
MAR	1ST	1	1.31	58.89	30	82.89	82.89	0	0	82.89	82.89	.60
	2ND	1	1.26	56.71	30	86.71	0	0	0	0	0	0
	3RD	.88	1.19	58.68	33	91.68	0	0	0	0	0	0
APR	1ST	.63	1.14	51.5	30	81.5	54.3	0	0	33.92	33.92	.52
	2ND	.38	1.1	49.5	30	79.5	79.5	0	0	29.81	29.81	.46
	3RD	.13	1.05	47.25	30	77.25	77.25	0	0	9.66	9.66	.15
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		9.88	14.37	650.68	360	1019.68	602.98	38	1.7	455.37	495.07	7.48

CROP WATER REQUIREMENT

SECTION NAME : JATIMLEREK-BUNDER 1982
PATTERN NAME : WSP-2

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	2.3	0	2.3	.04
DEC	1ST	.13	1	45	30	75	27.8	38	3.2	0	3.2	.05
	2ND	.38	1.02	46.02	30	76.02	0	38	4.1	3.48	45.57	.7
	3RD	.63	1.05	52.02	33	85.02	21.02	41.8	4.5	0	52.57	.65
TOTAL		1.13	3.07	143.04	93	236.04	48.82	117.8	16.3	16.61	150.71	2.24

CROP WATER REQUIREMENT

SECTION NAME : JATIMLEREK-BUNDEP 1982
 PATTERN NAME : DSP

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	2.3	0	2.3	.03
APR	2ND	0	0	0	0	0	0	0	3.2	0	3.2	.04
APR	3RD	.13	1	45	30	75	75	38	4.1	9.38	51.48	.61
MAY	1ST	.38	1.02	39.89	30	69.89	69.89	38	4.5	26.21	68.71	.81
MAY	2ND	.63	1.05	40.99	30	70.99	70.99	38	2.2	44.37	84.57	.99
MAY	3RD	.88	1.08	46.37	33	79.37	79.37	41.8	1.3	69.45	112.55	1.2
JUN	1ST	1	1.14	42.16	30	72.16	52.16	0	.4	52.16	52.56	.62
JUN	2ND	1	1.2	44.5	30	74.5	74.5	0	0	74.5	74.5	.88
JUN	3RD	1	1.26	46.69	30	76.69	76.69	0	0	76.69	76.69	.9
JUL	1ST	1	1.31	53.56	30	83.56	83.56	0	0	83.56	83.56	.98
JUL	2ND	1	1.32	54.32	30	84.32	84.32	0	0	84.32	84.32	.99
JUL	3RD	1	1.31	59.02	33	92.02	92.02	0	0	92.02	92.02	1.06
AUG	1ST	1	1.26	60.49	30	90.49	90.49	0	0	90.49	90.49	.89
AUG	2ND	.08	1.19	56.9	30	86.9	86.9	0	0	86.9	86.9	.89
AUG	3RD	.63	1.14	60.43	33	93.43	93.43	0	0	93.43	93.43	.89
SEP	1ST	.38	1.1	58.3	30	88.3	88.3	0	0	88.3	88.3	.39
SEP	2ND	.13	1.05	55.65	30	85.65	85.65	0	0	85.65	85.65	.13
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	17.84	764.27	459	1223.27	1203.27	155.8	18	881.39	1055.19	12.12

CROP WATER REQUIREMENT

SECTION NAME : JATIMLEREK-BUNDEP 1982
 PATTERN NAME : UDSP

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	3.1	0	3.1	.01
APR	3RD	0	0	0	0	0	0	0	4.3	0	4.3	.01
MAY	1ST	.17	1	39	30	69	69	50	5.4	11.5	66.9	.18
MAY	2ND	.5	1.02	39.89	30	69.89	69.89	50	2.9	34.94	87.84	.24
MAY	3RD	.83	1.05	45.08	33	78.08	78.08	55	1.8	65.07	121.87	.3
JUN	1ST	1	1.11	40.99	30	70.99	50.99	0	.6	50.99	51.59	.14
JUN	2ND	1	1.17	43.32	30	73.32	73.32	0	0	73.32	73.32	.2
JUN	3RD	1	1.23	45.66	30	75.66	75.66	0	0	75.66	75.66	.21
JUL	1ST	1	1.29	52.98	30	82.98	82.98	0	0	82.98	82.98	.23
JUL	2ND	1	1.33	54.54	30	84.54	84.54	0	0	84.54	84.54	.23
JUL	3RD	1	1.33	60.15	32	91.15	91.15	0	0	91.15	91.15	.23
AUG	1ST	1	1.3	62.25	30	92.25	92.25	0	0	92.25	92.25	.25
AUG	2ND	1	1.23	59.07	30	89.07	89.07	0	0	89.07	89.07	.24
AUG	3RD	.83	1.14	60.43	33	93.43	93.43	0	0	93.43	93.43	.24
SEP	1ST	.5	1.1	58.3	30	88.3	88.3	0	0	88.3	88.3	.19
SEP	2ND	.17	1.05	55.65	30	85.65	85.65	0	0	85.65	85.65	.12
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	16.37	717.34	429	1146.34	1126.34	155	18.1	889.78	1062.88	2.81

CROP WATER REQUIREMENT

SECTION NAME : JATIMLEREK-BUNDEP 1982
PATTERN NAME : S-1

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	1	1.04	47.91	0	47.91	47.91	0	0	47.91	47.91	.19
	2ND	1	1.05	48.09	0	48.09	48.09	0	0	48.09	48.09	.19
	3RD	1	1.05	53.04	0	53.04	53.04	0	0	53.04	53.04	.19
FEB	1ST	1	1.05	50.29	0	50.29	50.29	0	0	50.29	50.29	.7
	2ND	1	1.04	50.09	0	50.09	50.09	0	0	50.09	50.09	.7
	3RD	1	1.04	35.87	0	35.87	35.87	0	0	35.87	35.87	.7
HAR	1ST	1	1.03	46.22	0	46.22	46.22	0	0	46.22	46.22	.01
	2ND	1	1.01	45.59	0	45.59	45.59	0	0	45.59	45.59	.01
	3RD	1	1	49.26	0	49.26	49.26	0	0	49.26	49.26	.01
APP	1ST	1	.97	43.78	0	43.78	43.78	0	0	43.78	43.78	.07
	2ND	1	.95	42.54	0	42.54	42.54	0	0	42.54	42.54	.17
	3RD	1	.91	41.08	0	41.08	41.08	0	0	41.08	41.08	.16
MAY	1ST	.96	.88	34.14	0	34.14	34.14	0	0	34.14	34.14	.15
	2ND	.87	.86	33.52	0	33.52	33.52	0	0	33.52	33.52	.15
	3RD	.79	.84	36.06	0	36.06	36.06	0	0	36.06	36.06	.1
JUN	1ST	.71	.82	30.24	0	30.24	30.24	0	0	30.24	30.24	.03
	2ND	.63	.8	29.57	0	29.57	29.57	0	0	29.57	29.57	.67
	3RD	.54	.77	28.6	0	28.6	28.6	0	0	28.6	28.6	.66
JUL	1ST	.46	.75	30.61	0	30.61	30.61	0	0	30.61	30.61	.06
	2ND	.38	.72	29.5	0	29.5	29.5	0	0	29.5	29.5	.04
	3RD	.29	.69	31.16	0	31.16	31.16	0	0	31.16	31.16	.03
AUG	1ST	.21	.66	31.71	0	31.71	31.71	0	0	31.71	31.71	.03
	2ND	.12	.63	30.25	0	30.25	30.25	0	0	30.25	30.25	.02
	3RD	.04	.6	31.68	0	31.68	31.68	0	0	31.68	31.68	.02
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		18	21.14	934.82	0	934.82	934.82	0	0	479.5	479.5	1.87

SECTION NAME : JATIMLEREK-BUNDEP 1982
PATTERN NAME : S-2

YEAR : 1969

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
HAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.65	0	16.65	16.65	0	0	16.65	16.65	.0
	2ND	.13	.47	17.21	0	17.21	17.21	0	0	17.21	17.21	.01
	3RD	.21	.48	17.77	0	17.77	17.77	0	0	17.77	17.77	.01
JUL	1ST	.29	.5	20.31	0	20.31	20.31	0	0	20.31	20.31	.02
	2ND	.38	.52	21.39	0	21.39	21.39	0	0	21.39	21.39	.03
	3RD	.46	.56	25.13	0	25.13	25.13	0	0	25.13	25.13	.04
AUG	1ST	.54	.6	28.72	0	28.72	28.72	0	0	28.72	28.72	.06
	2ND	.63	.64	30.65	0	30.65	30.65	0	0	30.65	30.65	.08
	3RD	.71	.67	35.54	0	35.54	35.54	0	0	35.54	35.54	.09
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	37.27	37.27	.12
	2ND	.87	.73	38.71	0	38.71	38.71	0	0	38.71	38.71	.13
	3RD	.96	.75	39.97	0	39.97	39.97	0	0	39.97	39.97	.15
OCT	1ST	1	.8	43.15	0	43.15	43.15	0	0	43.15	43.15	.17
	2ND	1	.85	45.9	0	45.9	45.9	0	0	45.9	45.9	.18
	3RD	1	.89	53.16	0	53.16	53.16	0	0	53.16	53.16	.19
NOV	1ST	1	.94	46.87	0	46.87	46.87	0	0	46.87	46.87	.19
	2ND	1	.97	48.63	0	48.63	48.63	0	0	48.63	48.63	.19
	3RD	1	1	49.94	0	49.94	49.94	0	0	49.94	49.94	.2
DEC	1ST	1	1.02	45.72	0	45.72	45.72	0	0	45.72	45.72	.2
	2ND	1	1.03	46.2	0	46.2	46.2	0	0	46.2	46.2	.2
	3RD	1	1.04	51.24	0	51.24	51.24	0	0	51.24	51.24	.2
TOTAL		15	5.6	766.34	0	766.34	766.34	0	0	480.73	480.73	1.88

SECTION NAME : BUNDEP & JATIMLEREK 1982

YEAR : 1969

	JAN	FEB	HAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1ST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.23	0.03	0.00	0.31
2ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.17	0.01	0.00	0.03
3RD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.10	0.01	0.00	0.28
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.50	0.06	0.00	0.90

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON 1981
PATTERN NAME : WSP-1

YEAR : 1965												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	O
JAN	1ST	1	1.14	52.42	30	82.42	0	0	0	0	0	0
	2ND	1	1.2	55.33	30	85.33	22.93	0	0	22.93	22.93	.25
	3RD	1	1.26	63.85	33	96.85	0	0	0	0	0	0
FEB	1ST	1	1.31	62.71	30	92.71	0	0	0	0	0	0
	2ND	1	1.32	63.59	30	93.59	77.59	0	0	77.59	77.59	.86
	3RD	1	1.31	50.25	24	74.25	67.85	0	0	67.85	67.85	.94
MAR	1ST	1	1.26	56.71	30	86.71	22.71	0	0	22.71	22.71	.25
	2ND	.88	1.19	53.35	30	83.35	0	0	0	0	0	0
	3RD	.63	1.14	56.66	33	89.66	52.86	0	0	33.03	33.03	.33
APR	1ST	.38	1.1	49.5	30	79.5	79.5	0	0	29.81	29.81	.33
	2ND	.13	1.05	47.25	30	77.25	77.25	0	0	9.66	9.66	.11
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		9	13.28	611.6	330	941.6	400.68	0	0	263.58	263.98	3.07

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON 1981
PATTERN NAME : WSP-2

YEAR : 1965												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	O
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	1.9	0	1.9	.02
NOV	1ST	0	0	0	0	0	0	0	2.6	0	2.6	.03
	2ND	.1	1	50	30	80	80	30	3.3	8	41.3	.46
	3RD	.3	1.02	51.14	30	81.14	73.94	30	3.6	22.18	55.78	.62
DEC	1ST	.5	1.05	47.29	30	77.29	77.29	30	3.6	38.65	72.25	.8
	2ND	.7	1.08	48.64	30	78.64	0	30	1.8	0	31.8	.35
	3RD	.9	1.11	55.03	33	88.03	32.83	33	1.1	29.54	63.64	.64
TOTAL		2.5	5.27	252.09	153	405.09	264.05	153	17.9	98.37	269.27	2.9

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON 1981
PATTERN NAME : DSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	F	CU+F	CU+F-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	2.3	0	2.3	.02
APR	1ST	0	0	0	0	0	0	0	3.2	0	3.2	.03
APR	2ND	.13	1	45	30	75	75	38	4.1	9.38	51.48	.49
APR	3RD	.38	1.02	46.02	30	76.02	76.02	38	4.5	28.51	71.01	.67
MAY	1ST	.63	1.05	40.99	30	70.99	70.99	38	2.2	44.37	84.57	.8
MAY	2ND	.88	1.08	42.16	30	72.16	72.16	38	1.3	63.14	102.44	.97
MAY	3RD	1	1.14	48.89	33	81.89	81.89	0	.4	81.89	82.29	.71
JUN	1ST	1	1.2	44.5	30	74.5	74.5	0	0	74.5	74.5	.71
JUN	2ND	1	1.26	46.69	30	76.69	76.69	0	0	76.69	76.69	.73
JUN	3RD	1	1.31	48.34	30	78.34	78.34	0	0	78.34	78.34	.78
JUL	1ST	1	1.32	54.32	30	84.32	84.32	0	0	84.32	84.32	.8
JUL	2ND	1	1.31	53.65	30	83.65	83.65	0	0	83.65	83.65	.79
JUL	3RD	1	1.26	56.84	33	89.84	85.84	0	0	85.84	85.84	.74
AUG	1ST	.88	1.19	56.9	30	86.9	86.9	0	0	76.04	76.04	.72
AUG	2ND	.63	1.14	54.94	30	84.94	84.94	0	0	53.09	53.09	.5
AUG	3RD	.38	1.1	58.08	23	91.08	91.08	0	0	34.16	34.16	.29
SEP	1ST	.13	1.05	55.65	30	85.65	85.65	0	0	10.71	10.71	.1
SEP	2ND	0	0	0	0	0	0	0	0	0	0	0
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	17.44	752.95	459	1211.95	1207.95	152	18	884.59	1054.59	9.84

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON 1981
PATTERN NAME : UDSP

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	F	CU+F	CU+F-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	2.3	0	2.3	0
APR	2ND	0	0	0	0	0	0	0	3.2	0	3.2	0
APR	3RD	.13	1	45	30	75	75	38	4.1	9.38	51.48	.47
MAY	1ST	.38	1.02	39.89	30	69.89	69.89	38	4.5	26.21	68.71	.1
MAY	2ND	.63	1.05	40.99	30	70.99	70.99	38	2.2	44.37	84.57	.12
MAY	3RD	.88	1.08	46.37	33	79.37	79.37	41.8	1.3	69.45	112.55	.15
JUN	1ST	1	1.14	42.16	30	72.16	72.16	0	.4	72.16	72.56	.1
JUN	2ND	1	1.2	44.5	30	74.5	74.5	0	0	74.5	74.5	.11
JUN	3RD	1	1.26	46.69	30	76.69	76.69	0	0	76.69	76.69	.11
JUL	1ST	1	1.31	53.56	30	83.56	83.56	0	0	83.56	83.56	.12
JUL	2ND	1	1.32	54.32	30	84.32	84.32	0	0	84.32	84.32	.12
JUL	3RD	1	1.31	59.02	33	92.02	88.02	0	0	88.02	88.02	.17
AUG	1ST	.88	1.26	56.49	30	96.49	90.49	0	0	90.49	90.49	.13
AUG	2ND	.63	1.19	56.9	30	86.9	86.9	0	0	76.04	76.04	.11
AUG	3RD	.38	1.14	60.43	23	93.43	93.43	0	0	58.4	58.4	.08
SEP	1ST	.13	1.1	58.3	26	89.3	89.3	0	0	33.11	33.11	.05
SEP	2ND	.13	1.05	55.65	30	85.65	85.65	0	0	10.71	10.71	.02
SEP	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		11	17.44	764.27	459	1223.27	1219.27	155.8	18	897.39	1071.19	1.52

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON 1981
PATTERN NAME : S

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
APR	2ND	0	0	0	0	0	0	0	0	0	0	0
APR	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
MAY	2ND	0	0	0	0	0	0	0	0	0	0	0
MAY	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	.04	.45	16.65	0	16.65	16.65	0	0	.69	.69	0
JUN	2ND	.13	.47	17.21	0	17.21	17.21	0	0	2.15	2.15	0
JUN	3RD	.21	.48	17.77	0	17.77	17.77	0	0	3.7	3.7	0
JUL	1ST	.29	.5	20.31	0	20.31	20.31	0	0	5.92	5.92	0
JUL	2ND	.38	.52	21.39	0	21.39	21.39	0	0	8.02	8.02	0
JUL	3RD	.46	.56	25.13	0	25.13	25.13	0	0	9.69	9.69	0
AUG	1ST	.54	.6	28.72	0	28.72	28.72	0	0	15.56	15.56	0
AUG	2ND	.63	.64	30.65	0	30.65	30.65	0	0	19.16	19.16	.01
AUG	3RD	.71	.67	35.54	0	35.54	35.54	0	0	25.17	25.17	.01
SEP	1ST	.79	.7	37.27	0	37.27	37.27	0	0	29.51	29.51	.01
SEP	2ND	.87	.73	38.71	0	38.71	38.71	0	0	33.87	33.87	.01
SEP	3RD	.96	.75	39.97	0	39.97	39.97	0	0	38.31	38.31	.01
OCT	1ST	1	.8	43.35	0	43.35	43.35	0	0	43.35	43.35	.01
OCT	2ND	1	.85	45.9	0	45.9	45.9	0	0	45.9	45.9	.01
OCT	3RD	1	.89	53.16	0	53.16	53.16	0	0	53.16	53.16	.01
NOV	1ST	1	.94	46.87	0	46.87	46.87	0	0	46.87	46.87	.01
NOV	2ND	1	.97	48.63	0	48.63	48.63	0	0	48.63	48.63	.01
NOV	3RD	1	1	49.94	0	49.94	42.74	0	0	42.74	42.74	.01
DEC	1ST	1	1.02	45.72	0	45.72	45.72	0	0	45.72	45.72	.01
DEC	2ND	1	1.03	46.2	0	46.2	0	0	0	0	0	0
DEC	3RD	1	1.04	51.24	0	51.24	0	0	0	0	0	0
TOTAL		15	15.6	760.34	0	760.34	651.69	0	0	518.11	518.11	.14

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON1982
PATTERN NAME : WSP-1

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	O
JAN	1ST	1	1.17	53.88	30	83.88	.68	0	0	.68	1.08	.01
	2ND	1	1.23	56.62	30	86.62	24.22	0	0	24.22	24.22	.27
	3RD	1	1.28	64.73	33	97.73	0	0	0	0	0	0
FEB	1ST	1	1.31	62.72	30	92.72	0	0	0	0	0	0
	2ND	1	1.31	62.71	30	92.71	76.71	0	0	76.71	76.71	.85
	3RD	1	1.28	49.03	24	73.03	66.63	0	0	66.63	66.63	.92
MAR	1ST	.9	1.22	54.82	30	84.82	20.82	0	0	18.74	18.74	.21
	2ND	.7	1.19	53.35	30	83.35	0	0	0	0	0	0
	3RD	.5	1.14	56.66	33	89.66	52.86	0	0	26.43	26.43	.27
APR	1ST	.3	1.1	49.5	30	79.5	79.5	0	0	23.85	23.85	.26
	2ND	.1	1.05	47.25	30	77.25	77.25	0	0	7.73	7.73	.09
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		8.5	13.27	611.27	330	941.27	398.67	0	0	244.99	245.39	2.86

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON1982
PATTERN NAME : WSP-2

YEAR : 1965

MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	O
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
MAY	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUN	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
JUL	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
AUG	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
SEP	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	0	0	0	0
	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
	2ND	0	0	0	0	0	0	0	2.3	0	2.3	.02
	3RD	0	0	0	0	0	0	0	3.2	0	3.2	.03
DEC	1ST	.13	1	45	30	75	75	38	4.1	9.38	51.48	.48
	2ND	.38	1.02	46.02	30	76.02	0	38	4.5	0	42.5	.4
	3RD	.63	1.05	52.02	33	85.02	29.82	41.8	2.2	18.64	62.64	.54
TOTAL		1.13	3.07	143.04	93	236.04	104.82	117.8	16.3	28.01	162.11	1.07

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON1982
PATTERN NAME : DSP

YEAR : 1985												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	2.3	0	2.3	.02
APR	2ND	0	0	0	0	0	0	0	3.2	0	3.2	.03
APR	3RD	0	0	0	0	0	0	0	4.1	8.63	50.73	.42
MAY	1ST	.13	1	39	30	69	69	38	4.5	26.18	68.68	.57
MAY	2ND	.38	1.02	39.81	30	69.81	69.81	38	2.2	48.67	92.67	.7
MAY	3RD	.63	1.05	44.86	33	77.88	77.88	41.8	1.3	61	100.3	.83
JUN	1ST	.88	1.07	39.71	30	69.71	69.71	38	.4	71.69	72.09	.6
JUN	2ND	1	1.13	41.69	30	71.69	71.69	0	0	73.81	73.81	.64
JUN	3RD	1	1.16	43.81	30	73.81	73.81	0	0	80.94	80.94	.67
JUL	1ST	1	1.24	50.94	30	80.94	80.94	0	0	82.99	82.99	.69
JUL	2ND	1	1.29	52.99	30	82.99	82.99	0	0	88.72	88.72	.67
JUL	3RD	1	1.32	59.72	33	92.72	88.72	0	0	93.78	93.78	.78
AUG	1ST	1	1.32	63.78	30	93.78	93.78	0	0	92.46	92.46	.77
AUG	2ND	1	1.3	62.46	30	92.46	92.46	0	0	98.89	98.89	.75
AUG	3RD	1	1.25	65.89	33	98.89	98.89	0	0	80.76	80.76	.67
SEP	1ST	.88	1.18	62.3	30	92.3	92.3	0	0	56.42	56.42	.47
SEP	2ND	.63	1.14	60.27	30	90.27	90.27	0	0	33.03	33.03	.27
SEP	3RD	.38	1.1	58.06	30	88.06	88.06	0	0	10.84	10.84	.09
OCT	1ST	.13	1.05	56.7	30	86.7	86.7	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	18.65	842.04	489	1331.04	1327.04	155.8	18	1008.81	1182.61	9.63

CROP WATER REQUIREMENT

SECTION NAME : JATIKULON1982
PATTERN NAME : UDSP

YEAR : 1985												
MONTH	10-DAY	AF	KC	CU	P	CU+P	CU+P-R	LP	N	*AF	IR	Q
JAN	1ST	0	0	0	0	0	0	0	0	0	0	0
JAN	2ND	0	0	0	0	0	0	0	0	0	0	0
JAN	3RD	0	0	0	0	0	0	0	0	0	0	0
FEB	1ST	0	0	0	0	0	0	0	0	0	0	0
FEB	2ND	0	0	0	0	0	0	0	0	0	0	0
FEB	3RD	0	0	0	0	0	0	0	0	0	0	0
MAR	1ST	0	0	0	0	0	0	0	0	0	0	0
MAR	2ND	0	0	0	0	0	0	0	0	0	0	0
MAR	3RD	0	0	0	0	0	0	0	0	0	0	0
APR	1ST	0	0	0	0	0	0	0	3.1	0	3.1	.0
APR	2ND	0	0	0	0	0	0	0	4.3	0	4.3	.01
APR	3RD	0	0	0	0	0	0	0	5.4	11.5	66.9	.1
MAY	1ST	.17	1	39	30	69	69	50	2.9	34.91	87.81	.13
MAY	2ND	.5	1.02	39.81	30	69.81	69.81	50	1.8	64.9	121.7	.16
MAY	3RD	.83	1.05	44.86	33	77.88	77.88	55	.6	70.62	71.22	.1
JUN	1ST	1	1.1	40.62	30	70.62	70.62	0	0	72.74	72.74	.11
JUN	2ND	1	1.16	42.74	30	72.74	72.74	0	0	74.89	74.89	.11
JUN	3RD	1	1.21	44.89	30	74.89	74.89	0	0	82.14	82.14	.12
JUL	1ST	1	1.27	52.14	30	82.14	82.14	0	0	84.07	84.07	.12
JUL	2ND	1	1.32	54.07	30	84.07	84.07	0	0	89.51	89.51	.12
JUL	3RD	1	1.34	60.51	33	93.51	89.51	0	0	91.6	91.6	.13
AUG	1ST	1	1.33	63.76	30	93.76	93.76	0	0	97.27	97.27	.13
AUG	2ND	1	1.28	61.6	30	91.6	91.6	0	0	75.23	75.23	.11
AUG	3RD	1	1.22	64.27	33	97.27	97.27	0	0	44.04	44.04	.06
SEP	1ST	.83	1.14	60.27	30	90.27	90.27	0	0	14.28	14.28	.02
SEP	2ND	.5	1.1	58.06	30	88.06	88.06	0	0	0	0	0
SEP	3RD	.17	1.05	56.7	30	86.7	86.7	0	0	0	0	0
OCT	1ST	0	0	0	0	0	0	0	0	0	0	0
OCT	2ND	0	0	0	0	0	0	0	0	0	0	0
OCT	3RD	0	0	0	0	0	0	0	0	0	0	0
NOV	1ST	0	0	0	0	0	0	0	0	0	0	0
NOV	2ND	0	0	0	0	0	0	0	0	0	0	0
NOV	3RD	0	0	0	0	0	0	0	0	0	0	0
DEC	1ST	0	0	0	0	0	0	0	0	0	0	0
DEC	2ND	0	0	0	0	0	0	0	0	0	0	0
DEC	3RD	0	0	0	0	0	0	0	0	0	0	0
TOTAL		12	17.58	782.29	459	1241.29	1237.29	155	18.1	1001.44	1174.54	1.66