

Table 3D-17 Distribution of Cattle Input, Present

Unit: Cattle-day/ac

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
a. Paddy (L.V.)													
1. Nursery					1.0	1.0							2.0
2. Land Preparation					2.0	10.0	6.0						18.0
3. Harvesting	1.5										1.5	5.0	8.0
Total	1.5				3.0	11.0	6.0				1.5	5.0	28.0
b. Paddy (HYV)													
1. Nursery						2.0							2.0
2. Land Preparation							20.0						20.0
3. Harvesting										8.0	8.0		8.0
Total						2.0	20.0			8.0	8.0		30.0
c. Sesame (Early)													
1. Land Preparation					11.0	11.0							22.0
2. Sowing					1.0	1.0							2.0
3. Transportation							1.0	1.0					2.0
Total					12.0	12.0	1.0	1.0					26.0
d. Sesame (Late)													
1. Land Preparation									22.0				22.0
2. Sowing									2.0				2.0
3. Transportation										2.0			2.0
Total									24.0	2.0			26.0
e. Cotton (L.V.)													
1. Land Preparation				7.0	7.0								14.0
2. Sowing				1.0	1.0								2.0
3. Harvesting											1.0	1.0	2.0
Total				8.0	8.0						1.0	1.0	18.0
f. G'nuts (Monsoon)													
1. Land Preparation					16.0	16.0							32.0
2. Sowing					2.0	2.0							4.0
3. Harvesting							4.0	4.0					8.0
Total					18.0	18.0	4.0	4.0					44.0
g. G'nuts (Dry)													
1. Land Preparation										12.0	20.0		32.0
2. Sowing										1.0	3.0		4.0
3. Harvesting		2.0	6.0										8.0
Total		2.0	6.0							13.0	21.0		44.0
h. Gram													
1. Harvesting													12.0
i. Maize													
1. Land Preparation								7.0	7.0				14.0
j. Sugarcane													
1. Land Preparation	11.0	11.0											22.0
2. Seeding	3.0	3.0	4.0										10.0
3. Caring					2.0	2.0							4.0
4. Transportation											18.0	18.0	36.0
Total	14.0	14.0	4.0		2.0	2.0					18.0	18.0	72.0

Table 3D-18 Information of the Tractor Station No.30 (Prome)

A. Tractors and Equipments

- Tractors (50 HP)	40 units
- Plough (3 disc, 26")	20 "
- Harrow (16 disc, 22")	22 "
- Rotervator	2 "
- Plades	24 "
- Trailers (4 wheel)	24 "

B. Tractor Registration Numbers

<u>Year</u>	<u>No.</u>
1962	4
1964	2
1965	2
1966	3
1968	21
1977	8

C. Annual Work by Crops (ac)

<u>Tsp.</u>	<u>Year</u>	<u>Jute</u>	<u>Sesame</u>	<u>Cotton</u>	<u>Paddy</u>	<u>G'nuts</u>	<u>Others</u>	<u>Total</u>
Paukuang	1978/79	-	-	-	-	-	163	163
	1977/78	-	-	-	-	113	271	384
Thegon	1978/79	103	-	-	290	197	-	590
	1977/78	-	-	-	-	602	338	940

C-1 Monthly Tillage Practices, According to Crops
Paukaung Township

Sr. No.	Month	Tillage, Operated, in Acres											
		1977 - 78						1978 - 79					
		Groundnut		Jute		Others		Groundnut		Jute		Others	
H	T	H	P	H	T	H	P	H	P	H	T		
1.	April	-	-	-	-	-	-	-	-	-	-	-	-
2.	May	-	-	-	-	41	82	-	-	-	-	20	20
3.	June	-	-	-	-	-	29	-	-	-	-	23	47
4.	July	-	-	-	-	-	-	-	-	-	-	-	-
5.	August	-	-	-	-	-	-	-	-	-	-	-	-
6.	September	-	-	-	-	21	68	-	-	-	-	12	12
7.	October	20	40	-	-	13	73	-	-	-	-	16	34
8.	November	34	56	-	-	-	-	-	-	-	-	-	-
9.	December	9	17	-	-	-	-	-	-	-	-	-	-
10.	January	-	-	-	-	-	-	-	-	-	-	-	-
11.	February	-	-	-	-	10	20	-	-	-	-	-	-
12.	March	-	-	-	-	-	-	-	-	40	5	45	-
		H - Harrow		P - Plough		T - Total							

C-2 Monthly Tillage Practices, According to Crops

Thegon Township

No.	Month	Tillage Operated, in Acres															
		1977 - 78						1978 - 79									
		Groundnut		Jute		Others		Paddy		Jute		Others					
H	T	H	P	H	T	H	P	H	P	H	T						
1.	April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2.	May	-	-	-	-	277	277	-	-	104	104	-	-	-	-	-	
3.	June	-	-	-	-	61	61	290	290	-	-	-	-	-	-	-	
4.	July	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5.	August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6.	September	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7.	October	-	155	155	-	-	-	-	-	-	-	-	-	-	-	-	
8.	November	15	298	313	-	-	-	-	-	-	-	-	-	-	-	-	
9.	December	-	65	65	-	-	-	-	-	-	-	-	-	-	197	197	
10.	January	-	72	72	-	-	-	-	-	-	-	-	-	-	-	-	
11.	February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12.	March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		H - Harrow		T - Plough		T - Total											

D. Personnel of MTS - No.30

<u>S.N.</u>	<u>Designation</u>	<u>Sanctioned</u>	<u>Present</u>	<u>±</u>
1.	Tsp. Mech. Officer	1	1	
2.	Deputy T.M.O (Operation)	1	1	
3.	" (Repair)	1	-	-1
4.	Upper Division Clerk	1	1	
5.	Lower Division Clerk	1	1	
6.	Driver	1	1	
7.	Watchman	2	2	
8.	Blacksmith	1	1	
9.	Tractor Repair Mechanic	10	15	+5
10.	Welder	1	1	
11.	Electrician	1	1	
12.	Store Keeper	1	1	
13.	Tractor Supervisor	1	-	-1
14.	Head Tractor Driver	5	5	
15.	Tractor Driver	75	45	-30
	<u>Total</u>	<u>102</u>	<u>77</u>	<u>-27</u>

E. Co-operative Owned Tractor

<u>Tsp</u>	<u>Village tract</u>	<u>Tractor</u>	<u>Plough</u>	<u>Harrow</u>	<u>Trailer</u>
Paukkuang	Chaunggaung	1	1	1	-
Thegon	Thandepin	2	2	2	-
"	Zigon	2	2	2	-
"	Paunggyi	2	2	2	-
"	Letpanlonhla	2	2	2	-
"	Wetpok	1	1	1	1
"	Linle	1	1	1	-
"	Kywegaug	1	1	1	-

F. Township AC Owned Farm Machinery (Paukkuang)

- Sprayers & Dusters (hand operate)

- Kubota A-7	0
- " A-8	13
- H.D.C. duster	4
- T.I.	6
- Duster Q-1	6
- S.A.B. Sprayer	1

- Pump

- H.2. Hand Pump	1
- Foot pump	2

3. Contracting charge

Tractor station	Ploughing	K.18/ac
	Harrowing (two times)	K.12/ac
Cooperative	Plowing	K.30/ac
	Harrowing (two times)	K.20/ac

Source: Tractor Station No.30, Prome

Table 3D-19 Domestic Price of Farm Machinery

	<u>Commodity</u>	<u>Unit Price</u>	<u>Remarks</u>
1.	Tractor*	K.54,011/-	1978/79
2.	Disc Plough	K. 3,721/61	1975/76
3.	Harrow	K. 5,517/29	1976/77
4.	Trailer	K.23,620/-	1976/77
5.	Rotary Thresher	K. 2,850/-	1977/78
6.	Water Pump (High)*	K.10,704/-	1978/79
7.	Water Pump (Low)*	K. 6,100/-	1978/79
8.	Power Tiller*	K.16,124/-	1978/79
9.	Thresher*	K. 5,335/-	1978/79

* Made in Burma

Source: Agricultural Mechanization Department (AMD).

Table 3D-20 Actual Production of Farm Machinery

	<u>1974/75</u>	<u>1975/76</u>	<u>1976/77</u>	<u>1977/78</u>	
1.	Tractors	305	755	1,600	N.A.
2.	Pump (4")	3,763	3,700	5,241	5,063
3.	Pump (high 4")	103	517	517	226
4.	Knapsack Sprayer	5,780	600	2,002	4,850
5.	Power duster	-	400	99	-
6.	Hand duster	-	501	150	-
7.	Power tiller	95	30	230	155
8.	Power thresher	-	-	32	80
9.	Rice huller	1	100	100	70

Source: Reporting Data of Heavy Industries Corporation,
July, 1978.

Table 3D-21 Personnel of the AC
Paukkaung Office
(March 1979)

	<u>Administration</u>	<u>Extension</u>	<u>Mulberry Project</u>	<u>Research</u>	<u>Fertilizer</u>	<u>Seeds & Implements</u>	<u>Total</u>
1. Tsp. Manager	1						1
2. Dy. Tsp. Manager		1					1
3. Village tract Manager		1		1			2
4. Village Manager		5	1		1		7
5. Office clerk	1						1
6. Store Keeper					1		1
7. Mulberry breeder			2				2
8. Watchman	1		1		1		3
9. Free labour				1	1		1
Total	<u>3</u>	<u>7</u>	<u>4</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>19</u>

Table 3D-22 Seed Development Programme

<u>Project Site</u>	<u>Objectives</u>
(1) Hmawbi Agr. Exp. St.	- To supply HVV Rice to cover 3.5 million acres by 1982, and thereafter. In cooperation with IDA/UNDP
(2) Mandalay Agr. Exp. St.	- To supply L.S. cotton seed of known genetic purity sufficient for 1.75 million acres by 1982, and thereafter.
(3) Magwe Agr. Exp. St.	- Construction of three air conditioned and dehumidified ground nuts stores and two ordinary stores in selected five townships in Lower Burma by 1980.
(4) Lungyaw Seed Farm	- To develop quority control programme on rice, cotton and ground nuts seeds.
(5) Letpadan Seed Farm	- Upgrading to Central Farm is included in the Seed Development Project covering paddy, jute, ground nuts, sunflower in cooperation with IDA/UNDP.

Table 3E-1 Proposed Development Plan of EPC

1. Power (1) Projects (Contd.)
 - (c) Chauk-Yenangyaung-Tangdwingyi-Prome (132 KV Transmission Line (150 miles)
 - (d) Mann-Malun-Taungdwingyi (132) KV Transmission Line (60 miles)
2. Sedawgyi Hydro Electric Project
3. Yenwe Hydro Electric Project
4. Small Hydro Low Head, Power Station Projects
 - (a) Yezin Hydro-electric Project
 - (b) North Nawin Hydro-electric Project
 - (c) Kyetmuktang Hydro-electric Project
5. Mogok Hydro Electric Project
6. Small Hydro Medium and High Head Power Station Project
 - (a) Za Lui Hydro-electric Project
 - (b) Ngal Sip Va Hydro-electric Project
 - (c) Dawing Va Hydro-electric Project
7. Sittang-Kyathto-Hninpale-Thaton 66/33 KV Transmission Line (60 miles)
8. Myanaung-Prome-Hlawga 230 KV Transmission Line (200 miles)
 9. Chauk-Magwe 132 KV Transmission Line (75 miles)
 10. Thaton-Martaban 66/33 KV Transmission Line (40 miles)
 11. Phaungdaw-Tavoy 33 KV Transmission Line (33 miles)
 12. Taungoo-Prome 230 KV Transmission Line (100 miles)
 13. Hlawga-Thaton 132 KV Transmission Line
 14. Natural Gas Turbine Power Station Project (Prome)
 15. Kyunchung Natural Gas Turbine Power Station (Extension Project)
 16. Myanaung Natural Gas Turbine Power Station (Extension Project)
 17. Nyaungyat Hydro Power Station Project
 18. Hpaungdaw-Hydro Electric Project
 19. Kungnyaung Hydro Electric Project
 20. Mindon Hydro Electric Project
 21. Bahtu Hydro Electric Project
 22. Tamanthi Hydro Electric Project
 23. Yeywa Hydro Electric Project
 24. Paunglaung Hydro Electric Project
 25. Heho Hydro Electric Project
 26. Zaungtu Hydro Electric Project

Table 3E-2 Units Generated, Consumed and Cost per Unit of Electricity.
(Electric Power Corporation)

Serial No.	Particulars	Unit	1977/78 (Provisional Actual)													1978/79 (Provisional)
			1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Installed capacity	(000) K.W	189.40	193.05	196.06	196.08	196.02	196.32	196.32	196.32	334.43	329.43	379.99	381.09	389.83	447.96
2	Installed capacity (Within the hydal grid area)	"	144.45	144.45	144.45	144.45	144.45	144.45	144.45	144.45	277.75	277.75	277.80	277.80	287.80	232.80
3	Available firm power (Within the hydal grid area)	"	89.00	89.00	89.00	89.00	89.00	89.00	89.00	89.00	88.00	172.00	208.20	208.20	208.20	226.10
4	Units generated	(000) K.W.H	323870	410630	436570	476239	545106	618858	650694	658839	682160	759947	839969	931215	978259	
5	Losses in generation, transmission, distribution and departmental uses.	"	92710	117430	125130	136609	150048	155066	157634	155104	174268	204002	211749	239410	222340	
6	Units consumed (4 - 5)	"	231160	293200	311440	339630	395058	463792	493060	503735	507892	555945	628220	691805	754919	
1	Industrial	"	96700	132750	139350	155390	197855	247734	261131	262467	266382	293372	346411	392374	441067	
2	Domestic	"	79750	95680	103700	108960	115475	124879	130892	141337	145039	157400	174204	190212	203010	
3	Hospitals, schools and offices	"	38300	42960	45790	52100	57618	65533	74212	73673	70134	78980	81257	81394	81801	
4	Miscellaneous	"	16410	21810	22600	23150	24110	25696	26825	26258	26337	26193	26348	27825	29041	
7	Total earnings	Kyat in thousand	65711	81627	87275	93838	102009	100591	111349	115554	113773	126100	144801	168035	177884	
8	Cost per unit	Pyan	29.33	23.25	22.87	21.77	19.43	17.48	17.73	18.07	20.71	20.92	21.37	20.40	19.41	
9	Per unit sales value	"	28.43	27.84	28.02	27.63	25.82	21.68	22.58	22.94	22.40	22.68	22.79	24.02	23.40	

Table 3E-3 Power Installed Capacity for the Union

(K.W.in thousand)

Serial No.	Year	Electric Power Corporation				Other Government Organization	Total
		Hydel	Thermal	Gas-Turbine	Diesel		
1	2	3	4	5	6	7	8
1	1961/62	84.45	55.00		49.95	51.82	241.22
2	1967/68	84.45	57.75		50.85	56.85	249.90
3	1968/69	84.45	57.75		53.86	56.85	258.91
4	1969/70	84.45	57.75		53.88	56.85	252.93
5	1970/71	84.45	57.75		53.82	56.85	252.87
6	1971/72	84.45	57.75		54.12	56.85	253.17
7	1972/73	84.45	57.75		54.12	56.85	253.17
8	1973/74	168.45	57.75	54.30	53.93	56.85	391.28
9	1974/75	168.45	52.75	54.30	53.93	56.85	386.28
10	1975/76	168.50	52.75	103.50	55.24	56.85	436.84
11	1976/77	168.50	52.75	103.50	56.34	56.85	437.94
12	1977/78 (Provisional Actual)	168.50	62.75	103.50	55.08	56.85	446.68
13	1978/79 (Provisional)	168.50	62.75	157.50	59.21	56.85	504.81

Table 3E-4 Total Mileage of Electric Power Lines

(Miles)

Serial No.	Particulars	1961/62	1974/75	1975/76	1976/77	1977/78 (Provisional Actual)	1978/79 (Provisional)
1	2	3	4	5	6	7	8
1	Over-head cable						
1	230 KV line	250	250	250	250	250	250
2	132 KV line	224	314	314	314	314	314
3	66 KV line	10	149	149	189	189	490
4	33 KV line	472	622	653	673	673	705
5	11 KV line	1492	2199	2213	2269	2287	2321
6	6.6 KV line	196	140	140	142	142	142
7	3.3 KV line	33	18	18	18	18	18
8	0.4 KV line	3125	3929	3956	4009	4014	4016
2	Under-ground cable						
1	33 KV line	30	59	59	59	60	78
2	11 KV line		1	1	1	1	3
3	6.6 KV line	103	249	249	249	249	252
4	0.4 KV line	53	87	87	87	87	90

Table 3E-5 Load Condition of Prome Substation
11 KV Feeders on 21st October 1979
(Electric Power Corporation)

Hours	Load in KW			Total
	Prome No.1	Prome No.2	Paukkaung & Wethtikan	
01:00	400	270	240	910
02:00	410	240	220	870
03:00	400	240	240	890
04:00	420	250	230	900
05:00	475	300	280	1,055
06:00	500	385	320	1,205
07:00	350	385	200	935
08:00	380	420	210	1,010
09:00	380	400	180	960
10:00	380	350	340	1,070
11:00	380	365	340	1,085
12:00	380	335	200	915
13:00	380	350	220	950
14:00	350	270	180	800
15:00	450	355	250	1,055
16:00	450	300	195	945
17:00	500	355	260	1,115
18:00	730	415	330	1,475
19:00	800	415	360	1,575
20:00	750	385	330	1,465
21:00	700	355	290	1,345
22:00	550	270	230	1,050
23:00	480	240	220	940
24:00	400	240	200	840

Table 3E - 6 ELECTRIC POWER CORPORATION
Organization chart

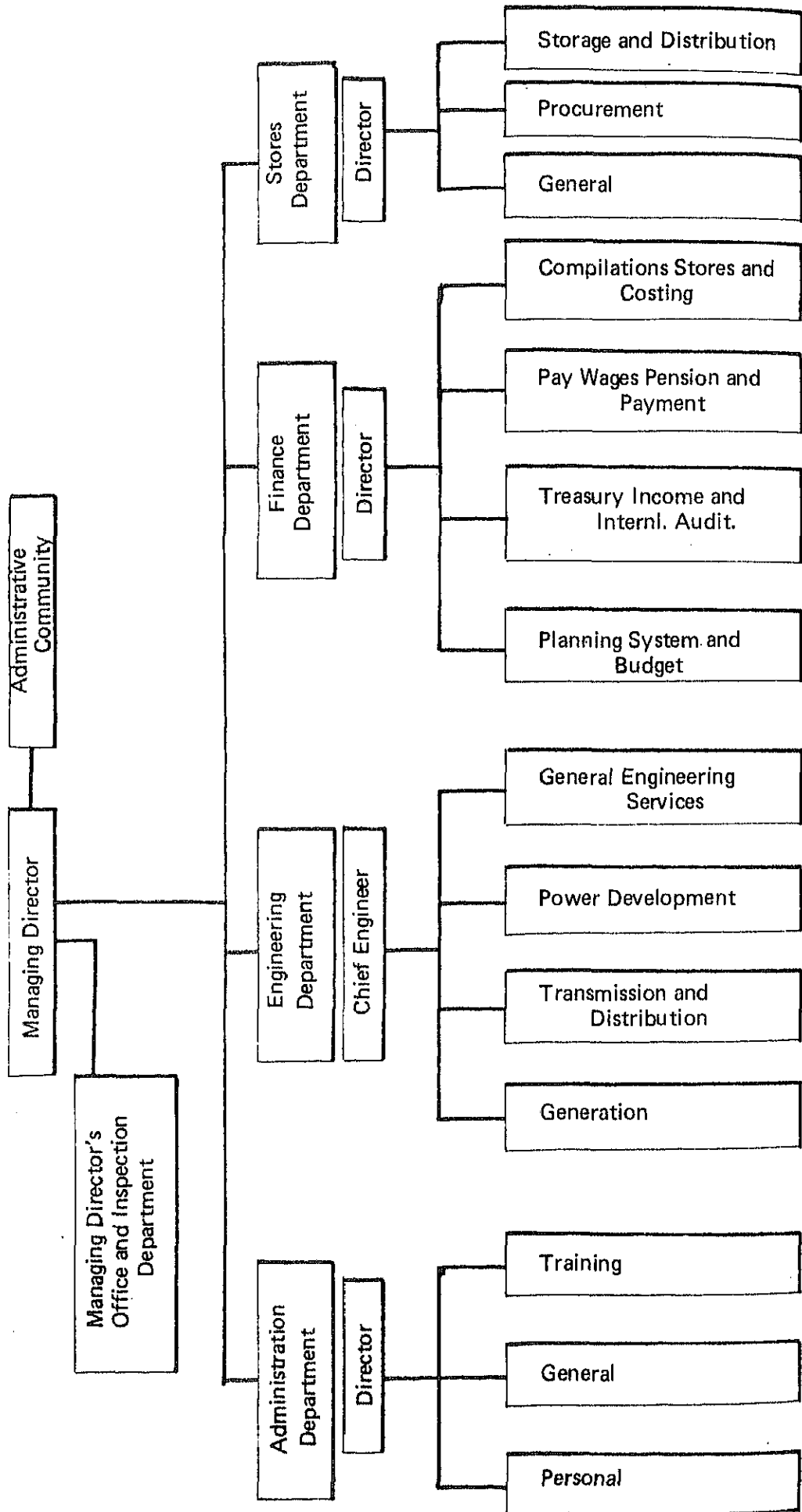


Table 3E-7 Electric Power Generated & Consumed in Burma
(Electric Power Corporation)

Year	Installed capacity KW (In 000)	Units Generated (Million) KWH	Units consumed (Million) KWH	No. of consumers (In 000)	No. of Townships lighted	No. of villages lighted
1949-50	19.70	29.30	19.60	17.30	13	n.e.
1950-51	29.30	38.60	29.10	25.90	19	n.e.
1951-52	29.60	50.10	39.80	31.40	25	n.e.
1952-53	30.00	65.20	48.60	48.50	32	n.e.
1953-54	41.40	72.70	57.40	63.40	76	1
1954-55	49.00	80.80	70.90	91.80	172	36
1955-56	51.30	108.20	85.90	115.10	231	152
1956-67	76.30	140.00	107.50	155.70	275	256
1957-58	93.20	182.10	136.28	185.10	315	372
1958-59	104.50	216.57	163.58	209.90	315	366
1959-60	188.10	252.01	189.79	235.50	311	367
1960-61	189.40	288.64	207.30	249.90	312	369
1961-62	189.40	323.87	231.16	270.80	314	371
1962-63	189.40	357.42	266.27	289.20	317	371
1963-64	189.80	303.74	255.36	301.30	319	372
1964-65	188.92	379.77	269.53	325.50	322	378
1965-66	188.53	382.53	265.35	346.90	322	380
1966-67	192.70	387.20	277.04	358.90	323	382
1967-68	193.05	410.63	293.20	372.10	329	392
1968-69	196.06	435.57	311.44	388.70	335	402
1969-70	196.08	476.09	339.63	403.86	335	408
1970-71	196.02	545.10	396.59	409.32	335	410
1971-72	196.32	618.86	463.80	420.53	335	410
1972-73	196.32	650.60	491.59	429.79	262	522
1973-74	334.43	332.52	251.53	432.87	263	683
1974-75	329.43	682.16	507.89	438.44	263	708
1975-76	379.99	759.95	555.93	441.74	263	708
1976-66	381.09	839.97	628.22	450.39	264	709
1977-78PA	389.83	931.22	691.80	460.30	264	709
1978-79RE	447.96	978.26	754.92	470.43	264	709
1979-80BE	464.90	1,114.17	836.16	480.78	264	709

N.B. Some of the Towns had been reorganized into Townships with effect from 1972-73.

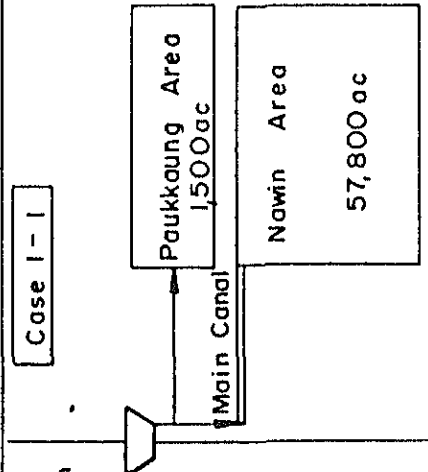
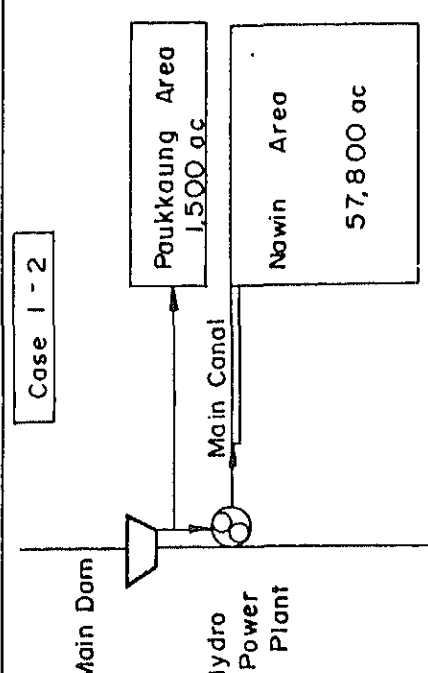
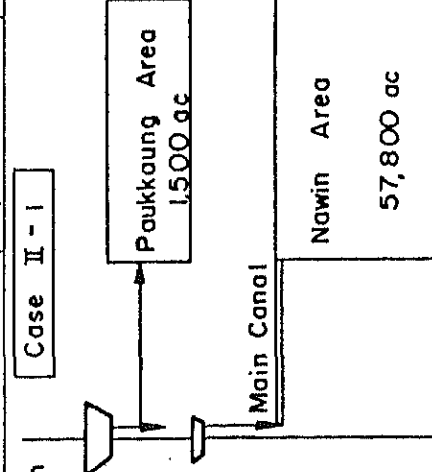
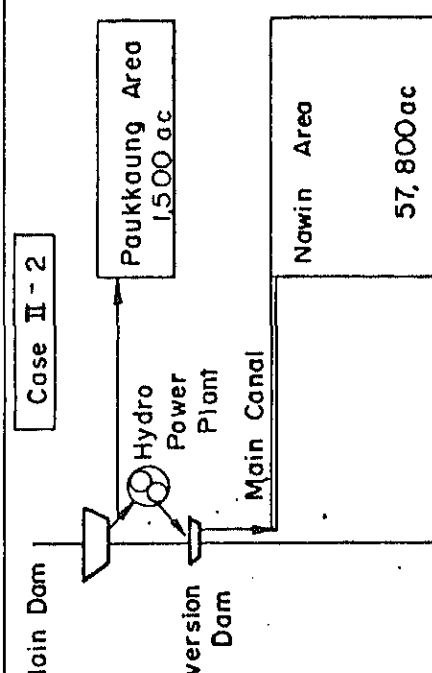
Source: Electric Power Corporation.

Table 3E-8 Electricity Tariffs for Outside Rangoon

<u>GENERAL PURPOSE</u>	First	100 KWH	46 pyas per KWH	
	Next	300 KWH	42 pyas per KWH	
	Excess over	400 KWH	40 pyas per KWH	
<u>SMALL POWER</u>	First	100 KWH	25 pyas per KWH	
	Next	200 KWH	20 pyas per KWH	
	Excess over	300 KWH	17 pyas per KWH	
<u>INDUSTRIAL</u>	(a) Other than Pegu, Tharrawaddy Prome Districts and Loikaw (Minimum of 2,000 KWH)			
	First	200 KWH	25 pyas per KWH	
	Next	1,800 KWH	20 pyas per KWH	
	Excess over	2,000 KWH	15 pyas per KWH	
	(b) Pegu, Tharrawaddy, Prome Districts and Loikaw (Minimum of 2,00 KWH)			
	First	200 KWH	22 pyas per KWH	
	Next	1,800 KWH	17 pyas per KWH	
	Excess over	2,000 KWH	12 pyas per KWH	
	<u>BULK</u>	(Minimum of 500 KWH)		
		First	500 KWH	54 pyas per KWH
Next		4,500 KWH	44 pyas per KWH	
Excess over		5,000 KWH	34 pays per KWH	
<u>STREET LIGHT</u>	25 watt lamp at		K. 4/-	
	40 watt lamp at		K. 5/50	
	Every additional 10 wass		K. -/50	
	80 watt Mercury lamp at		K. 12/-	
	Every additional 10 watt		K. 1/-	
	40 watt florescent lamp at		K. 7/-	
	Every additional 10 watt		K. -/75	
<u>SPECIAL</u>	25 watt lamp at		K. 3/-	
	<u>FLAT</u>	40 watt lamp at		K. 5/-
Every additional 10 watt			K. -/50	
<u>TEMPORARY LIGHTING</u>		For metered connections same as General Purpose		
	For point connections			
	40 watt at		K. 1/- per night	
	Every additional 10 watt		K. -/25	

CHAPTER IV. THE PROJECT

Table 4B-1 ALTERNATIVE CASE STUDIES ON OPTIMAL SCALE OF DEVELOPMENT (1)

Purpose Case	IRRIGATION ONLY	IRRIGATION AND HYDRO POWER GENERATION
(CASE I) MAIN DAM PLAN	 <p>Case I - 1</p> <p>Main Dam</p> <p>Main Canal</p> <p>Paukkaung Area 1,500 ac</p> <p>Nawin Area 57,800 ac</p> <p>Case - I - 1 - 1 : Excluding Paukkaung Area 1st Crop 57,800 ac 2nd Crop 36,400 ac Total 94,200 ac</p> <p>Case - I - 1 - 2 : Including Paukkaung Area 1st Crop 59,300 ac 2nd Crop 36,400 ac Total 95,700 ac</p>	 <p>Case I - 2</p> <p>Main Dam</p> <p>Hydro Power Plant</p> <p>Main Canal</p> <p>Paukkaung Area 1,500 ac</p> <p>Nawin Area 57,800 ac</p> <p>Case - I - 2 - 1 : Excluding Paukkaung Area 1st Crop 57,800 ac 2nd Crop 36,400 ac Total 94,200 ac</p> <p>Case - I - 2 - 2 : Including Paukkaung Area 1st Crop 59,300 ac 2nd Crop 36,400 ac Total 95,700 ac</p>
(CASE II) MAIN AND DIVERSION DAMS PLAN	 <p>Case II - 1</p> <p>Main Dam</p> <p>Diversion Dam</p> <p>Main Canal</p> <p>Paukkaung Area 1,500 ac</p> <p>Nawin Area 57,800 ac</p> <p>Case - II - 1 - 1 : Excluding Paukkaung Area 1st Crop 57,800 ac 2nd Crop 56,000 ac Total 113,800 ac</p> <p>Case - II - 1 - 2 : Including Paukkaung Area 1st Crop 59,300 ac 2nd Crop 56,000 ac Total 115,300 ac</p>	 <p>Case II - 2</p> <p>Main Dam</p> <p>Diversion Dam</p> <p>Hydro Power Plant</p> <p>Main Canal</p> <p>Paukkaung Area 1,500 ac</p> <p>Nawin Area 57,800 ac</p> <p>Case - II - 2 - 1 : Excluding Paukkaung Area 1st Crop 57,800 ac 2nd Crop 56,000 ac Total 113,800 ac</p> <p>Case - II - 2 - 2 : Including Paukkaung Area 1st Crop 59,300 ac 2nd Crop 56,000 ac Total 115,300 ac</p>

Note : Acreage of Nawin Area is not included an acreage of 3200ac in the Pilot Scheme.

Table 4B-1 () South Nawing Project Cost per Studied Cases

Unit: 1,000 Kyats

Items	Case I				Case II			
	I-1-1	I-1-2	I-2-1	I-2-2	II-1-1	II-1-2	II-2-1	II-2-2
Cropping Area in Acres	94,200	95,700	94,200	95,700	113,800	115,300	113,800	115,300
(I) General Irrigation Scheme								
1. Civil Works								
1-1. Preparation	5,017	5,017	5,017	5,017	8,872	8,877	8,872	8,877
1-2. Main dam	58,077	58,077	58,077	58,077	58,077	58,077	58,077	58,077
1-3. Diversion dam	-	-	-	-	21,027	21,027	21,027	21,027
1-4. Feeder canal	11,964	11,964	11,964	11,964	-	-	-	-
1-5. Paukkaung Area	-	488	-	488	-	488	-	488
1-6. Irrigation & Drainage	46,451	46,451	46,451	46,451	46,451	46,451	46,451	46,451
1-7. On-farm	7,324	7,324	7,324	7,324	7,324	7,324	7,324	7,324
1-8. Pre-engineering	835	840	835	840	1,660	1,664	1,660	1,665
Sub-total	129,668	130,161	129,668	130,161	143,411	143,909	143,411	143,909
2. 1 to 9 (Refer table)	188,976	189,695	188,976	189,695	209,005	209,731	209,005	209,731
Total	318,644	319,856	318,644	319,856	352,416	353,640	352,416	353,640
Unit cost/cropping area (Kyats/Acre)	3,383	3,342	3,383	3,342	3,097	3,067	3,097	3,067
Priority	4	3	4	3	2	1	2	1
(II) Pilot Scheme	50,770	50,700	50,770	50,770	50,770	50,770	50,770	50,770
(III) Hydropower Scheme	-	-	38,510	38,510	-	-	38,510	38,510
Grand Total	369,414	370,626	407,924	409,136	403,186	404,410	441-696	442,920

Table 4B-2 Dam Operatoin Case-1 Main Dam Plan

Year	Annual Rainfall		Requirement (MCM)	Inflow (MCM)	Main Dam Volume at the end of		Spillage (MC)
	Prome (MM)	Paukkaung (MM)			Rainy Season (MCM)	Shortage (MCM)	
1951	1,201.5	1,064.7	253.7	202.53	285.14		
1952	1,687.1	1,416.6	196.1	386.19	354.00		51.09
1953	1,236.5	1,091.4	226.5	210.85	339.70		
1954	1,438.9	1,223.4	208.4	290.33	331.76		
1955	1,419.0	1,208.1	198.4	268.93	351.28		
1956	1,301.3	1,113.2	244.4	226.49	303.20		
1957	1,057.1	922.7	270.4	189.43	211.70		
1958	1,345.0	1,152.6	205.9	261.10	183.20		
1959	1,447.8	1,243.5	192.1	265.20	219.64		
1960	1,264.9	1,099.0	230.0	240.08	222.97		
1961	1,489.9	1,275.0	186.2	321.90	303.04		
1962	1,350.0	1,149.5	236.3	272.49	295.67		
1963	1,073.1	948.3	246.2	174.67	226.29		
1964	1,307.9	1,118.1	243.2	228.30	151.36		
1965	1,484.0	1,250.3	178.4	297.87	221.37	8.27	
1966	1,058.3	1,016.8	216.7	211.64	229.91		
1967	1,033.3	960.8	247.2	237.33	211.01		
1968	888.6	1,145.7	270.5	268.13	150.50		
1969	1,462.3	1,484.9	239.6	479.82	354.00	10.73	12.49
1970	1,282.7	1,433.6	200.1	423.69	354.00		146.88
1971	1,132.0	1,095.0	254.0	274.63	354.00		18.86
1972	816.0	919.0	286.6	157.19	203.21		
1973	1,749.0	1,685.0	206.2	534.09	354.00	2.54	70.37
1974	1,576.0	1,125.0	223.9	305.93	354.00		88.05
1975	1,501.0	984.8	228.9	229.51	314.23		
1976	1,288.0	1,136.4	241.3	220.41	214.53		
1977	1,238.0	1,143.4	233.8	285.79	225.60		
Average	1,301.1	1,163.2	228.4	276.46			

Table 4B-3

Dam Operation, Case-2 Main Dam and Diversion Dam Plan

Year	Annual Rainfall (MM)		Water Requirement (MCM)	Inflow Diversion Dam (MCM)		Main Dam (MCM)		Main Dam Volume at the end of Rainy Season (MCM)		Shortage (MCM)	Spillage (MCM)	Hydraulic Power Generate 1000 (KWH)
	Prome (MM)	Faukkaung (MM)		Diversion (MCM)	Dam (MCM)	Main Dam (MCM)	Rainy Season (MCM)	Second Crop	First Crop			
1951	1,201.5	1,064.7	294.86	76.22	202.53	309.53	10,749	54,300 ac	54,300 ac			
1952	1,687.1	1,416.6	240.29	145.43	385.19	354.00	11,251	63.53	63.53			
1953	1,236.5	1,91.4	268.09	79.40	210.86	344.81	11,420					
1954	1,438.9	1,223.4	253.54	109.33	290.33	342.93	10,886					
1955	1,419.0	1,208.1	242.03	101.27	268.93	354.00	11,757					
1956	1,301.3	1,113.2	288.90	85.29	226.49	339.60	12,232					
1957	1,057.1	922.7	315.91	71.33	189.43	250.98	12,568					
1958	1,345.0	1,152.6	249.37	98.32	261.10	239.75	8,763					
1959	1,447.8	1,243.5	233.04	99.86	265.20	276.60	9,130					
1960	1,254.9	1,099.0	274.56	90.40	240.08	283.48	11,173					
1961	1,489.9	1,275.0	229.39	121.21	321.90	354.00	10,220	3.55	3.55			
1962	1,350.0	1,149.5	281.36	102.61	272.49	354.00	12,583					
1963	1,073.1	948.3	290.65	65.78	174.67	275.36	12,039					
1964	1,307.9	1,118.1	287.78	85.97	228.30	229.27	10,809					
1965	1,484.0	1,250.3	220.56	112.17	297.87	274.82	8,273					
1966	1,058.3	1,016.8	260.98	79.70	211.64	292.70	10,534					
1967	1,033.3	960.8	292.41	89.37	237.33	266.08	11,177					
1968	888.6	1,145.7	313.44	100.97	268.13	218.25	10,054					
1969	1,462.3	1,484.9	285.92	180.68	479.82	354.00	11,348	72.39	72.39			
1970	1,282.7	1,433.6	244.67	159.55	423.69	354.00	12,463	118.99	118.99			
1971	1,132.0	1,095.0	298.04	103.42	274.63	354.00	12,161	28.82	28.82			
1972	816.0	919.0	332.73	59.19	157.19	195.97	12,160					
1973	1,749.0	1,685.0	248.83	201.12	534.09	354.00	10,245	18.46	18.46			
1974	1,576.0	1,125.0	268.70	115.20	305.93	354.00	12,779	64.62	64.62			
1975	1,501.0	984.8	270.73	86.43	229.51	314.71	11,689					
1976	1,288.0	1,136.4	284.42	83.00	220.41	230.05	11,125					
1977	1,238.0	1,143.4	276.70	107.62	285.79	267.14	9,683					
Average	1,301.1	1,163.2	272.15	104.11	276.46	301.39	11,091					

Table 4B-4 Comparative Study on Estimation of Effective Rainfall
Case - 1. FAO Method for Paddy (LIV)

		No.1									
		1	2	3	4	5	6	7	8	9	10
1964	10 daily										
	Rainfall										
	Effective Rainfall										
	Percentage										
1972	10 daily										
	Rainfall										
	Effective Rainfall										
	Percentage										
1974	10 daily										
	Rainfall										
	Effective Rainfall										
	Percentage										
1964	10 daily	11	12	13	14	15	16	17	18	19	20
	Rainfall					11.8	94.0	58.8	50.4	40.4	81.6
	Effective Rainfall					22.6	66.0	41.7	35.7	25.9	52.3
	Percentage					31.5		70.9			64.1
1972	10 daily										
	Rainfall					34.0	68.0	99.0	33.0	22.0	52.0
	Effective Rainfall					25.0	48.4	70.4	23.5	16.8	39.8
	Percentage					73.5		71.1			76.5
1974	10 daily										
	Rainfall					302.0	83.0	89.0	116.0	62.0	58.0
	Effective Rainfall					91.2	51.4	55.1	71.8	44.3	41.5
	Percentage					30.2		61.9			71.6

Table 4B - 4 (2) Comparative Study on Estimation of Effective Rainfall
Case - 1. FAO Method for Paddy (LIV)

		No.2									
		21	22	23	24	25	26	27	28	29	30
1964	10 daily										
	Rainfall	172.7	19.6	62.7	65.1	22.1	101.0	55.9	37.6	106.5	19.3
	Effective Rainfall	110.8	15.2	48.7	50.6	17.8	81.1	44.9	29.5	83.6	15.1
	Percentage			77.7			80.3			78.5	
1972	Rainfall	73.0	71.0	72.0	63.0	30.0	5.0	51.0	16.0	8.0	17.0
	Effective Rainfall	55.8	52.5	53.2	46.5	26.8	4.5	45.5	14.4	7.2	15.3
	Percentage			73.9			90.0			90.0	
1974	Rainfall	103.0	67.0	206.0	123.0	75.0	35.0	77.0	19.0	5.0	24.0
	Effective Rainfall	73.6	33.3	102.4	61.1	60.0	28.0	61.6	17.1	4.5	21.6
	Percentage			49.7			80.0			90.0	
	10 daily	31	32	33	34	35		Total			
1964	Rainfall	0.0	0.0	0.0	0.0	0.0		1,059.5			
	Effective Rainfall	0.0	0.0	0.0	0.0	0.0		742.1			
	Percentage		0.0			0.0		70.0%			
1972	Rainfall	7.0	0.0	68.0	0.0	0.0		789.0			
	Effective Rainfall	4.5	0.0	44.0	0.0	0.0		594.2			
	Percentage		64.7			0.0		75.3%			
1974	Rainfall	6.0	90.0	4.0	0.0	0.0		1,544.0			
	Effective Rainfall	3.8	56.3	2.5	0.0	0.0		881.0			
	Percentage		62.6			0.0		57.1%			

Table 4B - 5 Comparative Study on Estimation of Effective Rainfall
Case - 2. 80% of $(5 \leq R < 50 \text{ mm})$

		No.1									
		1	2	3	4	5	6	7	8	9	10
1964	Rainfall										
	Effective Rainfall										
	Percentage										
1972	Rainfall										
	Effective Rainfall										
	Percentage										
1974	Rainfall										
	Effective Rainfall										
	Percentage										
		10 daily									
1964	Rainfall	11	12	13	14	15	16	17	18	19	20
	Effective Rainfall					71.8	94.0	58.8	50.4	40.4	81.6
	Percentage					57.4	75.2	47.0	40.3	0.0	65.3
1972	Rainfall					79.9	68.0	99.0	33.0	22.0	52.0
	Effective Rainfall					0.0	54.4	79.2	0.0	0.0	41.6
	Percentage					0.0		80.0			80.0
1974	Rainfall					302.0	83.0	89.0	116.0	62.0	58.0
	Effective Rainfall					241.6	66.4	71.2	92.8	49.6	46.4
	Percentage					80.0		80.0			80.0

Table 4B - 5 (2) Comparative Study on Estimation of Effective Rainfall
Case - 2. 80% of $(5 \leq R < 50 \text{ mm})$

	10 daily	21	22	23	24	25	26	27	28	29	30
1964	Rainfall	172.7	19.6	62.7	65.1	22.1	101.0	55.9	37.6	106.5	19.3
	Effective Rainfall	138.2	0.0	50.2	52.1	0.0	80.8	44.7	0.0	85.2	0.0
	Percentage			80.1			80.0			80.0	
1972	Rainfall	73.0	71.0	72.0	63.0	30.0	5.0	51.0	16.0	8.0	17.0
	Effective Rainfall	58.4	56.8	57.6	50.4	0.0	0.0	40.8	0.0	0.0	0.0
	Percentage			80.0			80.0			0.0	
1974	Rainfall	103.0	67.0	206.0	123.0	75.0	35.0	77.0	19.0	5.0	24.0
	Effective Rainfall	82.4	53.6	164.8	98.4	60.0	0.0	61.6	0.0	0.0	0.0
	Percentage			80.0			0.0			0.0	
1964	10 daily	31	32	33	34	35	36	Total			
	Rainfall	0.0	0.0	0.0	0.0	0.0	0.0	1,059.5			
	Effective Rainfall	0.0	0.0	0.0	0.0	0.0	0.0	736.4			
Percentage							69.5%				
1972	Rainfall	7.0	0.0	68.0	0.0	0.0	0.0	789.0			
	Effective Rainfall	0.0	0.0	54.4	0.0	0.0	0.0	493.6			
	Percentage							62.6%			
1974	Rainfall	6.0	90.0	4.0	0.0	0.0	0.0	1,544.0			
	Effective Rainfall	0.0	72.0	0.0	0.0	0.0	0.0	1,160.8			
	Percentage		80.0					75.2%			

Table 4B-6
CONSUMPTIVE USE FOR CROPS

CROPS	PROJECT---SOUTH NAWIN																		
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
PADDY(L.V)														32.2	45.6	58.2	74.6		
PADDY(H.Y.V)															16.1	48.3	55.0		
G-NUTS																			
GRAM	27.2	29.3	33.5	31.7	21.7	9.2													
G-NUTS	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7										
SESAME				1.3	5.4	9.3	18.1	28.7	41.8	47.4	53.3	50.1	34.9	15.9	3.6				
SUNFLOWER	25.4	30.3	34.7	23.3	15.5	3.0													
L.S.COTTON	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0									

CONSUMPTIVE USE FOR CROPS																			

PROJECT---SOUTH NAWIN																			

CROPS	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
PADDY(L.V)	66.9	59.7	62.4	60.4	65.8	70.7	74.4	75.6	74.8	75.4	73.3	60.5	40.6	25.8	12.0	1.4	0.0		
PADDY(H.Y.V)	66.8	75.5	62.3	53.4	61.6	67.3	72.5	75.2	74.8	75.3	72.8	53.8	34.3	19.5	4.6	0.0			
G-NUTS	22.0	22.6	23.9	18.5	18.3	17.9	14.7	8.6	2.7										
GRAM											1.4	4.7	7.9	11.8	14.8	17.6	22.5	28.9	
G-NUTS															7.3	11.1	13.7	17.8	
SESAME																			
SUNFLOWER																8.1	13.6	18.1	24.9
L.S.COTTON										1.2	4.1	7.0	8.3	10.1	12.5	15.2	19.9	26.9	

Table 4B-7

WATER REQUIREMENT

1951		PROJECT--SOUTH NAWIN																	
		JAN	FEB	MAR	APR	MAY	JUN												
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L&V)	(1)																		
	(2)																		
	GROSS W.R.																		
PADDY(H&V)	(1)																		
	(2)																		
	GROSS W.R.																		
G-NUTS	(1)																		
	(2)																		
	GROSS W.R.																		
GRAM	(1)																		
	(2)																		
	GROSS W.R.																		
G-NUTS	(1)																		
	(2)																		
	GROSS W.R.																		
SESAME	(1)																		
	(2)																		
	GROSS W.R.																		
SUNFLOWER	(1)																		
	(2)																		
	GROSS W.R.																		
L&S COTTON	(1)																		
	(2)																		
	GROSS W.R.																		

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

Note : 1. Irrigable Area 1st Crop 59,300 ac

2nd Crop 56,000 ac

2. Net Water Requirement (2) = Consumptive Use - Effective Rainfall (1)

3. Gross Water Requirement = (2)/Irrigation Efficiency

WATER REQUIREMENT (2)

1951		PROJECT---SOUTH NAWIN																										
		JUL					AUG					SEP		OCT					NOV					DEC				
CROPS		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36									
	(1)	7.8	12.5	89.3	49.8	18.0	28.6	159.1	1.5	64.0	75.1	29.5	56.5	0.9	0.0	0.0	1.8	0.1										
	(2)	59.0	47.2	0.0	10.6	47.8	42.1	0.0	74.0	10.7	0.3	43.8	3.9	39.7	25.8	12.0	0.0	0.0										
	GROSS W.R.	105.4	84.3	0.0	19.0	85.3	75.2	0.0	132.2	19.1	0.6	78.3	7.0	70.9	46.1	21.5	0.0	0.0										
	(1)	8.1	13.0	92.4	48.3	17.5	27.7	157.5	1.5	63.4	73.8	29.0	55.6	0.9	0.0	0.0	0.0	0.0										
	(2)	58.7	62.5	0.0	5.1	44.1	39.7	0.0	73.7	11.4	1.5	43.8	0.0	33.4	19.5	4.6	0.0	0.0										
	GROSS W.R.	104.9	111.6	0.0	9.1	78.7	70.8	0.0	131.6	20.3	2.6	78.2	0.0	59.7	34.7	8.2	0.0	0.0										
	(1)	4.9	7.8	55.8	28.1	10.2	16.1	22.1	0.2	4.4	---	---	---	---	---	---	---	---										
	(2)	17.1	14.8	0.0	0.0	8.2	1.8	0.0	8.4	0.0	---	---	---	---	---	---	---	---										
	GROSS W.R.	35.6	30.9	0.0	0.0	17.0	3.7	0.0	17.5	0.0	---	---	---	---	---	---	---	---										
	(1)	---	---	---	---	---	---	---	---	---	---	1.1	4.2	0.8	0.0	0.0	14.6	4.3	0.0									
	(2)	---	---	---	---	---	---	---	---	---	---	0.3	0.4	7.1	11.8	14.8	3.0	18.1	28.9									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	0.5	0.9	14.8	24.6	30.8	6.2	37.8	60.3									
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	13.7	4.1	0.0									
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	0.0	9.6	17.8									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	0.0	20.1	37.1									
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	14.2	4.2	0.0									
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	0.0	13.9	24.9									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	0.0	29.0	51.9									
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (3)

		PROJECT--SOUTH NAWIN																	
		1952																	
		JAN		FEB		MAR		APR		MAY		JUN		JUN		JUN			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
(1)																			
(2)																			
PADDY(L.V.)																			
GROSS W.R.																			
(1)																			
(2)																			
PADDY(H.V.)																			
GROSS W.R.																			
(1)																			
(2)																			
G-NUTS																			
GROSS W.R.																			
(1)																			
(2)																			
GRAM																			
GROSS W.R.																			
(1)																			
(2)																			
G-NUTS																			
GROSS W.R.																			
(1)																			
(2)																			
SESAME																			
GROSS W.R.																			
(1)																			
(2)																			
SUNFLOWER																			
GROSS W.R.																			
(1)																			
(2)																			
L-S-COTTON																			
GROSS W.R.																			
(1)																			
(2)																			

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (4)

CROPS	1952												PROJECT-----SOUTH NAWIN						
	JUL 19	JUL 20	JUL 21	JUL 22	JUL 23	AUG 24	AUG 25	SEP 26	SEP 27	SEP 28	OCT 29	OCT 30	OCT 31	NOV 32	NOV 33	NOV 34	DEC 35	DEC 36	
(1) CROPS	48.3	40.7	100.0	32.0	50.1	82.2	30.5	57.2	88.3	28.9	15.4	163.4	20.6	20.5	0.0	0.0	0.0	0.0	---
(2) PADDY(L.V)	18.6	19.1	0.0	28.4	15.7	0.0	43.9	18.4	0.0	46.5	57.9	0.0	20.0	5.3	12.0	1.4	0.0	0.0	---
GROSS W.R.	33.1	34.0	0.0	50.8	28.0	0.0	78.3	32.8	0.0	83.0	103.4	0.0	35.7	9.5	21.5	2.5	0.0	0.0	---
(1) PADDY(H.Y.V)	52.3	44.0	108.3	30.8	48.3	79.3	30.4	56.9	87.9	28.1	14.9	158.6	19.8	19.7	0.0	0.0	0.0	0.0	---
(2) PADDY(H.Y.V)	14.6	31.4	0.0	22.5	13.3	0.0	42.1	18.3	0.0	47.3	57.8	0.0	14.5	0.0	4.6	0.0	0.0	0.0	---
GROSS W.R.	26.0	56.1	0.0	40.2	23.7	0.0	75.1	32.6	0.0	84.4	103.3	0.0	25.9	0.0	8.2	0.0	0.0	0.0	---
(1) G-NUTS	17.5	14.7	36.3	10.7	16.7	27.4	5.4	10.1	7.8	---	---	---	---	---	---	---	---	---	---
(2) G-NUTS	4.5	7.9	0.0	7.8	1.6	0.0	9.3	0.0	0.0	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	9.4	16.5	0.0	16.4	3.4	0.0	19.3	0.0	0.0	---	---	---	---	---	---	---	---	---	---
(1) GRAM	---	---	---	---	---	---	---	---	---	---	0.4	9.5	15.2	15.1	0.0	0.0	0.0	0.0	0.0
(2) GRAM	---	---	---	---	---	---	---	---	---	---	0.9	0.0	0.0	0.0	14.8	17.6	22.5	28.9	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	1.9	0.0	0.0	0.0	30.8	36.7	46.8	60.3	---
(1) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0
(2) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	23.7	17.8	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1	---
(1) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0
(2) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9	---
(1) L.S.COTTON	---	---	---	---	---	---	---	---	---	1.0	1.1	11.6	14.2	14.1	0.0	0.0	0.0	0.0	0.0
(2) L.S.COTTON	---	---	---	---	---	---	---	---	---	0.2	3.0	0.0	0.0	0.0	0.0	12.5	15.2	19.9	26.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	0.4	6.2	0.0	0.0	0.0	26.0	31.6	41.4	56.0	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (5)

1953		PROJECT--SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
	(1)																		
PADDY(L.V.)	(2)														1.1	0.2	39.2	52.6	
GROSS W.R.															31.2	45.3	19.0	22.0	
	(1)														55.6	80.9	35.9	39.3	
PADDY(H.Y.V.)	(2)																0.1	36.0	48.4
GROSS W.R.																	16.0	12.3	6.6
	(1)																28.6	22.0	11.8
G-NUTS	(2)												12.4	5.4	0.3	0.1	23.8	32.0	
GROSS W.R.												0.0	0.0	0.0	13.2	16.1	0.0	0.0	
	(1)											0.0	0.0	0.0	7.6	27.6	33.6	0.0	0.0
GRAM	(2)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		27.2	29.3	32.0	31.7	21.7	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(1)	56.7	61.0	66.7	66.0	45.3	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G-NUTS	(2)	17.5	20.0	22.5	23.2	24.0	20.1	23.1	24.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		36.5	41.7	46.8	48.4	50.0	41.8	48.2	51.4	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SESAME	(2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.3	53.0	11.6	0.4	0.0	0.0	0.0
GROSS W.R.		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.4	48.2	44.8	0.0	4.3	3.3	0.0	0.0	0.0
	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	98.7	100.4	93.3	0.0	9.0	6.8	0.0	0.0	0.0
SUNFLOWER	(2)	25.4	30.3	33.3	23.3	15.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		52.8	63.2	69.3	48.6	32.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.S.COTTON	(2)	26.7	30.2	34.5	35.1	35.3	28.7	31.5	31.8	22.1	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		55.6	63.0	71.9	73.0	73.5	59.8	65.6	66.2	45.9	20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

(7)

WATER REQUIREMENT

		PROJECT-----SOUTH NAWIN																					
1954																							
CROPS		JAN	2	3	4	5	FEB	6	7	8	MAR	9	10	11	12	13	14	MAY	15	16	17	18	
PADDY(L.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PADDY(H.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GRAM		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
GROSS W.R.		(2)	27.2	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
			56.7	61.0	69.7	66.0	45.3	19.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
GROSS W.R.		(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.2	---	---	---	---	---	---	---	---	---	---	---	---
			36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	12.8	---	---	---	---	---	---	---	---	---	---	---	---
SESAME		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
GROSS W.R.		(2)	25.4	30.3	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
			52.8	63.2	72.3	48.6	32.3	6.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
L-S-COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
GROSS W.R.		(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	21.3	10.0	---	---	---	---	---	---	---	---	---	---	---
			55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	44.4	20.8	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (8)

1954		PROJECT---SOUTH NAWIN																	
		JUL			AUG			SEP			OCT			NOV			DEC		
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
CROPS																			
(1)		52.8	77.0	18.6	75.7	29.3	29.7	38.9	118.1	67.6	102.8	7.6	87.3	4.5	0.0	0.0	0.0	0.0	0.0
(2)		14.0	0.0	43.8	0.0	36.5	41.0	33.5	0.0	7.1	0.0	65.7	0.0	36.1	25.8	12.0	1.4	0.0	0.0
GROSS W.R.		25.1	0.0	78.2	0.0	65.2	73.1	63.3	0.0	12.7	0.0	117.3	0.0	64.4	46.1	21.5	2.5	0.0	0.0
(1)		54.8	79.9	19.3	73.0	28.3	28.7	38.5	116.9	67.0	101.0	7.5	85.7	4.2	0.0	0.0	0.0	0.0	0.0
(2)		12.0	0.0	43.0	0.0	33.3	38.7	33.9	0.0	7.8	0.0	65.3	0.0	30.1	19.5	4.6	0.0	0.0	0.0
GROSS W.R.		21.5	0.0	76.8	0.0	59.5	69.0	60.6	0.0	14.0	0.0	116.6	0.0	53.7	34.7	8.2	0.0	0.0	0.0
(1)		24.4	35.5	8.6	30.7	11.9	12.1	5.4	16.4	4.7	---	---	---	---	---	---	---	---	---
(2)		0.0	0.0	15.3	0.0	6.4	5.8	9.3	0.0	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.		0.0	0.0	31.8	0.0	13.4	12.1	19.4	0.0	0.0	---	---	---	---	---	---	---	---	---
(1)		---	---	---	---	---	---	---	---	---	---	0.2	5.3	4.0	0.0	0.0	0.0	0.0	0.0
(2)		---	---	---	---	---	---	---	---	---	---	1.1	0.0	3.9	11.8	14.8	17.6	22.5	28.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	2.4	0.0	8.2	24.6	30.8	36.7	46.8	60.3
(1)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1
(1)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9
(1)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (9)

		PROJECT SOUTH NAWIN																	
		1955																	
		JAN			FEB			MAR			APR			MAY			JUN		
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PADDY(H.Y.V)		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GRAM		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SESAME		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (10)

1955		PROJECT SOUTH NAWIN																	
		JUL			AUG			SEP			OCT			NOV			DEC		
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
CROPS																			
(1)	PADDY(L.V)	32.9	58.8	84.6	38.0	46.9	40.9	56.1	35.8	51.1	27.1	47.2	54.7	12.8	28.1	0.0	0.0	0.0	---
(2)	PADDY(L.V)	33.9	1.0	0.0	22.4	18.9	29.8	18.3	39.8	23.6	48.3	26.1	5.8	27.9	0.0	12.0	1.4	0.0	---
GROSS W.R.		60.6	1.7	0.0	40.0	33.8	53.2	32.6	71.1	42.2	86.2	46.6	10.4	49.7	0.0	21.5	2.5	0.0	---
(1)	PADDY(H.Y.V)	34.1	60.8	87.6	36.7	45.3	39.5	55.8	35.6	50.9	26.7	46.5	53.8	12.3	27.0	0.0	0.0	---	---
(2)	PADDY(H.Y.V)	32.7	14.6	0.0	16.6	16.3	27.8	15.6	39.6	23.9	48.6	26.3	0.0	22.0	0.0	4.6	0.0	---	---
GROSS W.R.		58.5	26.1	0.0	29.7	29.1	49.7	29.6	70.7	42.7	86.8	47.0	0.0	39.3	0.0	8.2	0.0	---	---
(1)	G-NUTS	12.8	22.8	32.9	16.5	20.4	17.8	12.2	7.8	5.6	---	---	---	---	---	---	---	---	---
(2)	G-NUTS	9.2	0.0	0.0	2.0	0.0	0.1	2.5	0.8	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.		19.2	0.0	0.0	4.1	0.0	0.2	5.1	1.7	0.0	---	---	---	---	---	---	---	---	---
(1)	GRAM	---	---	---	---	---	---	---	---	---	---	2.2	5.1	9.4	20.7	0.0	0.0	0.0	0.0
(2)	GRAM	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	14.8	17.6	22.5	28.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	30.8	36.7	46.8	60.3
(1)	G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2)	G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1
(1)	SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)	SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)	SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2)	SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9
(1)	LS-COTTON	---	---	---	---	---	---	---	---	---	1.6	5.4	6.3	8.8	19.4	0.0	0.0	0.0	0.0
(2)	LS-COTTON	---	---	---	---	---	---	---	---	---	0.0	0.0	0.8	0.0	0.0	12.5	15.2	19.9	26.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	0.0	0.0	1.6	0.0	0.0	26.0	31.6	41.4	56.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (11)

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1956		PROJECT-----SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	22.6	66.5	41.6	36.4
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	9.6	0.0	16.6	38.2
PADDY(H.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	17.1	0.0	29.6	68.3
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30.5	38.2	33.4
G-NUTS		(1)	---	---	---	---	---	---	---	---	---	---	---	2.1	19.4	7.2	26.0	16.3	14.2
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	0.9	0.0	6.4	0.0	2.5	7.3
GRAM		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	5.2	15.2
GROSS W.R.		(2)	27.2	29.3	33.5	31.7	21.4	9.2	---	---	---	---	---	---	---	---	---	0.0	21.6
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.1	38.6
GROSS W.R.		(2)	56.7	61.0	69.7	66.0	44.6	19.1	---	---	---	---	---	---	---	---	---	0.0	21.6
SESAME		(1)	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	8.8	41.3	7.6	---	---	---
GROSS W.R.		(2)	---	---	---	1.3	5.2	9.3	18.1	28.7	41.8	47.4	53.3	26.1	0.0	0.0	0.0	0.0	0.0
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	25.4	30.3	34.7	23.3	15.2	3.0	---	---	---	---	---	---	---	---	---	---	---
L.S. COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	55.6	63.0	74.9	73.0	72.7	59.8	65.6	66.2	45.9	20.8	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (12)

1956		PROJECT---SOUTH NAMIN																	
		JUL					AUG					SEP		OCT		NOV		DEC	
CROPS		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
PADDY(L.V)		(1) 26.6	48.7	113.6	15.2	48.7	50.6	17.8	81.1	44.9	29.5	83.6	15.1	0.0	0.0	0.0	0.0	0.0	0.0
		(2) 40.3	11.1	0.0	45.2	17.0	20.1	56.6	0.0	29.8	45.9	0.0	45.3	40.6	25.8	12.0	1.4	0.0	0.0
GROSS W.R.		71.9	19.7	0.0	80.7	30.4	35.8	101.1	0.0	53.3	81.9	0.0	80.9	72.5	46.1	21.5	2.5	0.0	0.0
PADDY(H.Y.V)		(1) 28.4	52.1	121.5	14.8	47.3	49.1	17.7	80.8	44.7	29.0	82.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0
		(2) 38.4	23.4	0.0	38.6	14.3	18.3	54.8	0.0	30.1	46.3	0.0	38.9	34.3	19.5	4.6	0.0	0.0	0.0
GROSS W.R.		68.6	41.8	0.0	68.9	25.6	32.6	97.8	0.0	53.7	82.7	0.0	69.4	61.2	34.7	8.2	0.0	0.0	0.0
G-NUTS		(1) 9.6	17.7	41.2	7.3	23.3	24.2	3.9	17.6	4.9	---	---	---	---	---	---	---	---	---
		(2) 12.4	5.0	0.0	11.2	0.0	0.0	10.8	0.0	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.		25.8	10.4	0.0	23.4	0.0	0.0	22.6	0.0	0.0	---	---	---	---	---	---	---	---	---
GRAM		(1) ---	---	---	---	---	---	---	---	---	---	3.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	0.0	3.3	7.9	11.8	14.8	17.6	22.5	28.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	0.0	6.8	16.6	24.6	30.8	36.7	46.8	60.3
G-NUTS		(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1
SESAME		(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER		(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9
L.S.COTTON		(1) ---	---	---	---	---	---	---	---	---	1.7	9.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	0.0	0.0	5.3	8.3	10.1	12.5	15.2	19.9	26.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	0.0	0.0	11.0	17.4	21.1	26.0	31.6	41.4	56.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (13)

1957		PROJECT--SOUTH NAWIN																		
		JAN			FEB			MAR			APR			MAY			JUN			
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
PADDY(L.V)		(1)														3.8	137.8	5.0	33.9	
GROSS W.R.																28.4	0.0	53.2	40.8	
																50.7	0.0	95.1	72.8	
PADDY(H.Y.V)		(1)																55.9	4.0	27.5
GROSS W.R.																		0.0	44.3	27.5
																		0.0	79.1	49.1
G-NUTS		(1)												5.3	3.2	3.3	44.1	1.6	10.8	
GROSS W.R.														0.0	5.9	10.3	0.0	17.2	10.7	
														0.0	12.3	21.4	0.0	35.8	22.2	
GRAM		(1)	0.0	0.0	0.0	0.0	0.0													
GROSS W.R.		(2)	27.2	29.3	33.5	31.7	21.7	9.2												
			56.7	61.0	69.7	66.0	45.3	19.1												
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8										
GROSS W.R.		(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	3.8									
			36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	8.0									
SESAME		(1)				0.0	0.0	0.0	0.0	4.0	3.9	0.0	0.0	11.4	3.4	1.8				
GROSS W.R.		(2)				1.3	5.4	9.3	18.1	28.7	37.8	43.5	53.3	50.1	23.5	12.5	1.8			
						2.7	11.3	19.4	37.7	59.9	78.7	90.7	111.0	104.4	48.9	26.0	3.8			
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0													
GROSS W.R.		(2)	25.4	30.3	34.7	23.3	15.5	3.0												
			52.8	63.2	72.3	48.6	32.3	6.2												
L.S.COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	3.1									
GROSS W.R.		(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	18.0	6.9								
			55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	37.5	14.4								

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (14)

CROPS	PROJECT-----SOUTH NAWIN																			
	JUL 19	JUL 20	JUL 21	JUL 22	AUG 23	AUG 24	AUG 25	SEP 26	SEP 27	SEP 28	OCT 29	OCT 30	NOV 31	NOV 32	NOV 33	NOV 34	DEC 35	DEC 36		
(1) PADDY(L.V)	33.9	28.1	74.0	64.9	74.2	46.2	43.4	13.2	115.7	67.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(2) PADDY(L.V)	32.9	31.7	0.0	0.0	0.0	24.5	30.9	62.4	0.0	7.6	67.0	60.5	40.6	25.8	12.0	1.4	0.0	0.0	0.0	
GROSS W.R.	58.8	56.5	0.0	0.0	0.0	43.7	55.3	111.4	0.0	13.5	119.6	108.0	72.5	46.1	21.5	2.5	0.0	0.0	0.0	
(1) PADDY(H.Y.V)	35.2	29.1	76.7	62.5	71.4	44.5	43.2	13.1	115.1	66.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(2) PADDY(H.Y.V)	31.7	46.4	0.0	0.0	0.0	22.9	29.2	62.1	0.0	8.8	66.6	53.8	34.3	19.5	4.6	0.0	0.0	0.0	0.0	
GROSS W.R.	56.6	82.8	0.0	0.0	0.0	40.8	52.2	110.9	0.0	15.7	118.8	96.0	61.2	34.7	8.2	0.0	0.0	0.0	0.0	
(1) G-NUTS	17.1	14.1	37.3	19.2	21.9	13.6	7.9	2.4	10.5	---	---	---	---	---	---	---	---	---	---	
(2) G-NUTS	4.9	8.5	0.0	0.0	0.0	4.3	6.8	6.2	0.0	---	---	---	---	---	---	---	---	---	---	
GROSS W.R.	10.2	17.7	0.0	0.0	0.0	8.9	14.2	13.0	0.0	---	---	---	---	---	---	---	---	---	---	
(1) GRAM	---	---	---	---	---	---	---	---	---	---	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(2) GRAM	---	---	---	---	---	---	---	---	---	---	0.9	4.7	7.9	11.8	14.8	17.6	22.5	28.9	28.9	
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	1.8	9.8	16.6	24.6	30.8	36.7	46.8	60.3	60.3	
(1) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	
(2) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8	17.8	
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1	37.1	
(1) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0	0.0	
(2) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9	24.9	
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9	51.9	
(1) L.S.COTTON	---	---	---	---	---	---	---	---	---	6.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(2) L.S.COTTON	---	---	---	---	---	---	---	---	---	0.0	2.8	7.0	8.3	10.1	12.5	15.2	19.9	26.9	26.9	
GROSS W.R.	---	---	---	---	---	---	---	---	---	0.0	5.8	14.6	17.4	21.1	26.0	31.6	41.4	56.0	56.0	

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (15)

1958	PROJECT-----SOUTH NAWJN																	
	JAN		FEB		MAR		APR		MAY		JUN		JUN		JUN		JUN	
CROPS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PADDY(H.Y.V)	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GRAM	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	27.2	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---
G-NUTS	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---
SESAMEI	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	(2)	36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9	---	---	---	---	---	---	---	---
SUNFLOWER	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	25.4	30.3	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---
L.S. COTTON	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	9.0	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (16)

1958		PROJECT-----SOUTH NAWIN																				
		JUL							AUG					SEP		OCT			NOV		DEC	
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
CROPS																						
(1) PADDY(L.V)		33.5	40.5	115.0	31.5	80.5	43.9	31.3	68.2	77.3	8.8	82.3	50.9	19.6	0.0	0.0	0.0	0.0	0.0			
(2) PADDY(L.V)		33.4	19.3	0.0	28.9	0.0	26.7	43.1	7.3	0.0	66.6	0.0	9.5	21.0	25.8	12.0	1.4	0.0	0.0			
GROSS W.R.		59.6	34.4	0.0	51.6	0.0	47.8	77.0	13.1	0.0	118.8	0.0	17.0	37.6	46.1	21.5	2.5	0.0	0.0			
(1) PADDY(H.Y.V)		36.3	43.8	124.5	30.5	77.7	42.5	31.1	67.9	76.9	8.7	81.0	50.1	18.7	0.0	0.0	0.0	0.0	0.0			
(2) PADDY(H.Y.V)		30.6	31.6	0.0	22.9	0.0	24.9	41.3	7.3	0.0	66.6	0.0	3.6	15.6	19.5	4.6	0.0	0.0	0.0			
GROSS W.R.		54.6	56.5	0.0	40.9	0.0	44.4	73.8	13.0	0.0	119.0	0.0	6.5	27.9	34.7	8.2	0.0	0.0	0.0			
(1) G-NUTS		12.1	14.7	41.7	11.1	28.2	15.4	5.5	12.0	6.8	---	---	---	---	---	---	---	---	---			
(2) G-NUTS		9.9	8.0	0.0	7.4	0.0	2.5	9.2	0.0	0.0	---	---	---	---	---	---	---	---	---			
GROSS W.R.		20.5	16.6	0.0	15.5	0.0	5.2	19.1	0.0	0.0	---	---	---	---	---	---	---	---	---			
(1) GRAM		---	---	---	---	---	---	---	---	---	---	3.5	4.3	17.7	0.0	0.0	0.0	0.0	0.0			
(2) GRAM		---	---	---	---	---	---	---	---	---	---	0.0	0.3	0.0	11.8	14.8	17.6	22.5	28.9			
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	0.0	0.7	0.0	24.6	30.8	36.7	46.8	60.3			
(1) G-NUTS		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0			
(2) G-NUTS		---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8			
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1			
(1) SESAME		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
(2) SESAME		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
(1) SUNFLOWER		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0			
(2) SUNFLOWER		---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9			
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9			
(1) L.S.COTTON		---	---	---	---	---	---	---	---	---	0.5	8.6	5.3	17.5	0.0	0.0	0.0	0.0	0.0			
(2) L.S.COTTON		---	---	---	---	---	---	---	---	0.8	0.0	1.7	0.0	10.1	12.5	15.2	19.9	26.9	0.0			
GROSS W.R.		---	---	---	---	---	---	---	---	---	1.6	0.0	3.6	0.0	21.1	26.0	31.6	41.4	56.0			

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (17)

1959		PROJECT SOUTH NAWIN																	
		JAN		FEB		MAR		APR		MAY		JUN							
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PADDY(L.V)	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.1	104.5	2.2	31.8
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	56.0	42.8
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	99.9	76.4
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.2	2.0	29.4
PADDY(H.Y.V)	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	46.3
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	82.7	45.7
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS	(2)	---	---	---	---	---	---	---	---	---	---	---	---	1.2	0.0	26.9	42.6	0.9	13.0
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	1.7	9.1	0.0	0.0	17.9	8.5
		---	---	---	---	---	---	---	---	---	---	---	---	3.6	18.9	0.0	0.0	37.2	17.7
	(1)	0.0	0.0	12.5	0.0	0.0	1.0	---	---	---	---	---	---	---	---	---	---	---	---
GRAH	(2)	27.2	29.3	21.0	31.7	21.7	8.2	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		56.7	61.0	43.8	66.0	45.3	17.0	---	---	---	---	---	---	---	---	---	---	---	---
	(1)	0.0	0.0	11.7	0.0	0.0	1.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---
G-NUTS	(2)	17.5	20.0	12.1	23.2	24.0	19.0	23.1	24.7	6.7	---	---	---	---	---	---	---	---	---
GROSS W.R.		36.5	41.7	25.2	48.4	50.0	39.6	48.2	51.4	13.9	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	0.0	0.7	0.0	0.0	0.0	0.0	3.0	33.0	3.7	0.0	20.8	---	---	---
SESAME	(2)	---	---	---	1.3	5.4	8.6	18.1	28.7	41.8	47.4	50.2	17.1	31.2	15.9	0.0	---	---	---
GROSS W.R.		---	---	---	2.7	11.3	17.9	37.7	59.9	87.1	98.7	104.7	35.7	65.0	33.1	0.0	---	---	---
	(1)	0.0	0.0	12.5	0.0	0.0	0.7	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER	(2)	25.4	30.3	22.2	23.3	15.5	2.3	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		52.8	63.2	46.3	48.6	32.3	4.7	---	---	---	---	---	---	---	---	---	---	---	---
	(1)	0.0	0.0	12.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---
L.S.COTTON	(2)	26.7	30.2	23.4	35.1	35.3	27.6	31.5	31.8	22.1	10.0	---	---	---	---	---	---	---	---
GROSS W.R.		55.6	63.0	48.8	73.0	73.5	57.5	65.6	66.2	45.9	20.8	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

(18)

WATER REQUIREMENT

1959		PROJECT-----SOUTH NAWIN																	
		JUL	AUG	SEP	OCT	NOV	DEC	JUL	AUG	SEP	OCT	NOV	DEC						
CROPS		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
	(1)	59.8	37.2	84.9	65.5	32.7	85.4	45.9	38.2	122.7	61.8	45.1	52.9	32.7	0.0	0.0	3.3	0.0	---
	(2)	7.1	22.5	0.0	0.0	33.1	0.0	28.5	37.4	0.0	13.5	28.2	7.6	7.9	25.8	12.0	0.0	0.0	---
	GROSS W.R.	12.7	40.2	0.0	0.0	59.1	0.0	50.9	66.8	0.0	24.2	50.4	13.6	14.1	46.1	21.5	0.0	0.0	---
	(1)	62.2	38.8	88.4	63.3	31.6	82.5	45.7	38.0	122.0	60.8	44.3	52.0	31.3	0.0	0.0	0.0	0.0	---
	(2)	4.6	36.7	0.0	0.0	30.0	0.0	26.8	37.2	0.0	14.5	28.4	1.8	3.0	19.5	4.6	0.0	0.0	---
	GROSS W.R.	8.3	65.5	0.0	0.0	53.6	0.0	47.9	66.5	0.0	25.9	50.8	3.2	5.4	34.7	8.2	0.0	0.0	---
	(1)	22.5	14.0	32.0	19.5	9.7	25.5	6.9	5.8	9.3	---	---	---	---	---	---	---	---	---
	(2)	0.0	8.6	0.0	0.0	8.6	0.0	7.8	2.8	0.0	---	---	---	---	---	---	---	---	---
	GROSS W.R.	0.0	18.0	0.0	0.0	17.9	0.0	16.2	5.9	0.0	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	---	---	---	---	---	---	1.7	4.0	27.0	0.0	0.0	36.8	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	0.0	0.7	0.0	11.8	14.8	0.0	22.5	28.9
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	0.0	0.0	1.4	24.6	30.8	0.0	46.8	60.3
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	32.3	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	0.0	13.7	17.8
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	0.0	28.5	37.1
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	35.8	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	0.0	18.1	24.9
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	0.0	37.8	51.9
	(1)	---	---	---	---	---	---	---	---	---	2.9	4.2	4.9	26.2	0.0	0.0	36.3	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	0.0	0.0	2.1	0.0	10.1	12.5	0.0	19.9	26.9
	GROSS W.R.	---	---	---	---	---	---	---	---	---	0.0	0.0	4.4	0.0	21.1	26.0	0.0	41.4	56.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (19)

		PROJECT - SOUTH NAWIN																	
		JAN			FEB			MAR			MAY			JUN					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
(1)																63.6	13.6	149.8	14.0
(2)																0.0	31.9	0.0	60.7
	GROSS W.R.															0.0	57.0	0.0	108.3
(1)																	5.5	121.0	11.3
(2)																	10.6	0.0	43.7
	GROSS W.R.																18.9	0.0	78.1
(1)													2.9	2.3	22.5	4.3	47.8	4.5	
(2)													0.0	6.8	0.0	11.9	0.0	17.1	
	GROSS W.R.												0.0	14.2	0.0	24.8	0.0	35.6	
(1)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)		27.2	29.3	33.5	31.7	21.7	9.2												
	GROSS W.R.	56.7	61.0	69.7	66.0	45.3	19.1												
(1)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)		17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7									
	GROSS W.R.	36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9									
(1)					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	12.5	4.9	24.0			
(2)					1.3	5.4	9.3	18.1	28.7	41.8	47.4	53.3	49.1	22.4	11.1	0.0			
	GROSS W.R.				2.7	11.3	19.4	37.7	59.9	87.1	98.7	111.0	102.2	46.7	23.0	0.0			
(1)		0.0	0.0	0.0	0.0	0.0	0.0												
(2)		25.4	30.3	34.7	23.3	15.5	3.0												
	GROSS W.R.	52.8	63.2	72.3	48.6	32.3	6.2												
(1)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)		26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0								
	GROSS W.R.	55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	45.9	20.8								

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (21)

1960		PROJECT--SOUTH NAWIN																		
		JAN			FEB			MAR			APR			MAY			JUN			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
CROPS																				
PADDY(L.V.)																0	4152	0	7892	
PADDY(H.V.)																	2681	0	11057	
G-NUTS															0	361	0	633	0	906
GRAM		2984	3207	3669	3471	2382	1006													
G-NUTS		1476	1686	2007	1958	2023	1691	1952	2079	561										
SESAMEI					258	1099	1889	3658	5817	8459	9586	10778	9925	4535	2237	0				
SUNFLOWER		641	767	878	590	392	76													
L.S.COTTON		1350	1530	1818	1773	1785	1451	1593	1608	1116	504									

WATER REQUIREMENT (22)

1960	PROJECT--SOUTH NAWIN																	
	JUL 19	JUL 20	JUL 21	JUL 22	AUG 23	AUG 24	AUG 25	SEP 26	SEP 27	SEP 28	OCT 29	OCT 30	NOV 31	NOV 32	NOV 33	NOV 34	DEC 35	DEC 36
CROPS	0	6064	5533	0	0	2343	5802	797	0	2675	1296	7575	3951	3359	1490	40	0	0
PADDY(L.V.)	0	15651	10559	0	0	4698	10828	1540	0	5420	2656	13049	6249	4922	1919	0	0	0
G-NUTS	0	794	648	0	0	173	499	0	0	0	0	0	0	0	0	0	0	0
GRAM											0	489	0	1292	1562	954	2462	3173
G-NUTS															577	247	1155	1503
SESAMEI																		
SUNFLOWER															192	131	458	630
L.S.COTTON										0	0	341	0	513	604	331	1004	1360

(23)

WATER REQUIREMENT

		PROJECT SOUTH NAWIN																	
		1961																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	27.2	29.3	33.5	31.7	21.7	9.2												
	GROSS W.R.	56.7	61.0	69.7	66.0	45.3	19.1												
	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7									
	GROSS W.R.	36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9									
	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	1.3	5.4	9.3	18.1	28.7	41.8	41.6	41.5	47.7	16.9	15.9	0.0						
	GROSS W.R.	2.7	11.3	19.4	37.7	59.9	87.1	86.6	86.5	99.5	35.1	33.1	0.0						
	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	25.4	30.3	34.7	23.3	15.5	3.0												
	GROSS W.R.	52.8	63.2	72.3	48.6	32.3	6.2												
	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	5.5								
	GROSS W.R.	55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	45.9	11.5								

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (24)

1961		PROJECT-----SOUTH NAWIN																	
		JUL							AUG			SEP		OCT		NOV		DEC	
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
CROPS																			
	(1)	53.6	108.7	26.7	56.4	36.3	81.4	61.7	79.9	48.6	16.4	67.5	40.0	9.5	0.0	3.0	0.0	0.0	---
	(2)	13.2	0.0	35.7	4.1	29.5	0.0	12.7	0.0	26.2	59.0	5.8	20.5	31.1	25.8	9.1	1.4	0.0	---
	GROSS W.R.	23.6	0.0	63.8	7.2	52.7	0.0	22.6	0.0	46.7	105.4	10.4	36.5	55.5	46.1	16.2	2.5	0.0	---
	(1)	58.0	117.7	28.9	54.4	35.0	78.6	61.4	79.5	48.3	16.1	66.4	39.3	9.0	0.0	2.8	0.0	---	---
	(2)	8.8	0.0	35.4	0.0	26.5	0.0	11.1	0.0	26.5	59.2	6.4	14.4	25.3	19.5	1.8	0.0	---	---
	GROSS W.R.	15.7	0.0	59.7	0.0	47.4	0.0	19.8	0.0	47.2	105.8	11.4	25.8	45.2	34.7	3.2	0.0	---	---
	(1)	19.4	39.4	9.7	17.7	11.4	25.6	10.1	13.1	4.0	---	---	---	---	---	---	---	---	---
	(2)	2.6	0.0	14.2	0.8	6.9	0.0	4.6	0.0	0.0	---	---	---	---	---	---	---	---	---
	GROSS W.R.	5.4	0.0	29.6	1.6	14.4	0.0	9.5	0.0	0.0	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	---	---	---	---	---	---	3.3	3.9	8.6	0.0	2.7	0.0	0.0	3.4
	(2)	---	---	---	---	---	---	---	---	---	---	0.0	0.8	0.0	11.8	12.1	17.6	22.5	25.6
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	0.0	1.6	0.0	24.6	25.2	36.7	46.8	53.3
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.3	0.0	0.0	3.1
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.0	11.1	13.7	14.8
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.4	23.0	28.5	30.7
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.6	0.0	0.0	3.2
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.6	13.6	18.1	21.7
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.6	28.3	37.8	45.2
	(1)	---	---	---	---	---	---	---	---	---	1.0	8.1	4.8	8.5	0.0	2.6	0.0	0.0	3.3
	(2)	---	---	---	---	---	---	---	---	---	0.3	0.0	2.2	0.0	10.1	9.8	15.2	19.9	23.6
	GROSS W.R.	---	---	---	---	---	---	---	---	---	0.5	0.0	4.7	0.0	21.1	20.4	31.6	41.4	49.2

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (25)

1962		PROJECT-----SOUTH NAWIN																	
CROPS		JAN	JAN	JAN	FEB	FEB	MAR	MAR	MAR	APR	APR	MAY	MAY	MAY	JUN	JUN	JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
(1)	PADDY(L.V)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29.8	41.2	113.9	23.2
(2)	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4	4.4	0.0	51.4
(1)	PADDY(H.V)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.6	91.6	18.7
(2)	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	36.3
(1)	GR-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	0.8	14.8	14.3	13.1	36.1	7.4
(2)	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	2.1	0.0	0.0	3.2	0.0	14.1
(1)	GRAM	27.2	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---	---
(2)	GROSS W.R.	56.7	61.0	69.7	66.0	45.3	19.1	---	---	---	---	---	---	---	---	---	---	---	---
(1)	GR-NUTS	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---	---
(2)	GROSS W.R.	36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9	---	---	---	---	---	---	---	---	---
(1)	SESAME	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.0	27.3	13.2	---	---	---
(2)	GROSS W.R.	---	---	---	1.3	5.4	9.3	18.1	28.7	41.8	47.4	53.3	45.1	31.9	0.0	0.0	---	---	---
(1)	SUNFLOWER	25.4	30.3	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---	---
(2)	GROSS W.R.	52.8	63.2	72.3	48.6	32.3	6.2	---	---	---	---	---	---	---	---	---	---	---	---
(1)	L.S.COTTON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---
(2)	GROSS W.R.	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0	---	---	---	---	---	---	---	---
(2)	GROSS W.R.	55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	43.9	20.8	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (26)

1962		PROJECT-----SOUTH NAWIN																	
		JUL	AUG	SEP	OCT	NOV	DEC	JUL	AUG	SEP	OCT	NOV	DEC						
CROPS		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
(1)	PADDY(L.V)	21.2	90.2	73.4	25.9	89.1	4.2	41.4	98.6	42.6	26.4	44.6	69.1	1.8	0.0	0.0	0.0	0.0	0.0
(2)	PADDY(L.V)	45.7	0.0	0.0	34.5	0.0	66.4	33.0	0.0	32.1	49.0	28.7	0.0	38.8	25.8	12.0	1.4	0.0	0.0
	GROSS W.R.	81.6	0.0	0.0	61.6	0.0	118.6	58.9	0.0	57.4	87.4	51.3	0.0	69.3	46.1	21.5	2.5	0.0	0.0
(1)	PADDY(H.Y.V)	22.3	95.0	77.4	25.1	86.3	4.1	41.2	98.1	42.4	26.0	43.9	68.0	1.7	0.0	0.0	0.0	0.0	0.0
(2)	PADDY(H.Y.V)	44.5	0.0	0.0	28.3	0.0	63.2	31.3	0.0	32.4	49.3	28.9	0.0	32.6	19.5	4.6	0.0	0.0	0.0
	GROSS W.R.	79.5	0.0	0.0	50.5	0.0	112.9	55.8	0.0	57.8	88.1	51.5	0.0	58.3	34.7	8.2	0.0	0.0	0.0
(1)	G-NUTS	7.8	33.4	27.2	11.9	40.9	1.9	7.1	16.8	3.6	---	---	---	---	---	---	---	---	---
(2)	G-NUTS	14.2	0.0	0.0	6.6	0.0	15.9	7.6	0.0	0.0	---	---	---	---	---	---	---	---	---
	GROSS W.R.	29.5	0.0	0.0	13.8	0.0	33.2	15.9	0.0	0.0	---	---	---	---	---	---	---	---	---
(1)	GRAM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)	GRAM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)	G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)	G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)	SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)	SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)	SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)	SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)	L.S.COTTON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2)	L.S.COTTON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (27)

		PROJECT SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
	(1)																		
	(2)																		
	GROSS W.R.																		
PADDY(L.V.)																			
	(1)																		
	(2)																		
	GROSS W.R.																		
PADDY(H.Y.V)																			
	(1)																		
	(2)																		
	GROSS W.R.																		
G-NUTS																			
	(1)																		
	(2)																		
	GROSS W.R.																		
GRAM																			
	(1)																		
	(2)																		
	GROSS W.R.																		
G-NUTS																			
	(1)																		
	(2)																		
	GROSS W.R.																		
SESAME																			
	(1)																		
	(2)																		
	GROSS W.R.																		
SUNFLOWER																			
	(1)																		
	(2)																		
	GROSS W.R.																		
L.S.COTTON																			
	(1)																		
	(2)																		
	GROSS W.R.																		

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (29)

		PROJECT-----SOUTH NAWIN																	
		JAN	JAN	MAR	MAR	APR	APR	MAY	MAY	JUN	JUN	JUN	JUN						
CRDPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PADDY(H.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GRAM		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	27.2	29.3	33.5	31.7	21.4	9.2	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	17.5	20.0	23.8	23.2	23.6	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---
SESAME		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	25.4	30.3	34.7	23.3	15.2	3.0	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	26.7	30.2	35.9	35.1	34.9	28.7	31.5	31.8	22.1	10.0	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (30)

1964	PROJECT-----SOUTH NAWIN																	
	JUL							OCT					NOV		DEC			
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
CROPS																		
(1)	25.9	52.3	110.8	15.2	48.7	50.6	17.8	81.1	44.9	29.5	83.6	15.1	0.0	0.0	0.0	0.0	0.0	0.0
(2)	40.9	7.4	0.0	45.2	17.0	20.1	56.6	0.0	29.8	45.9	0.0	45.3	40.6	25.8	12.0	1.4	0.0	0.0
GROSS W.R.	73.1	13.2	0.0	80.7	30.4	35.8	101.1	0.0	53.3	81.9	0.0	80.9	72.5	46.1	21.5	2.5	0.0	0.0
PADDY(H.Y.V):	27.8	56.2	119.0	14.8	47.3	49.1	17.7	80.8	44.7	29.0	82.2	14.9	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	39.0	19.2	0.0	38.6	14.3	18.3	54.8	0.0	30.1	46.3	0.0	38.9	34.3	19.5	4.6	0.0	0.0	0.0
G-NUTS	9.4	19.0	40.1	7.3	23.3	24.2	3.9	17.6	4.9									
(2)	12.6	3.7	0.0	11.2	0.0	0.0	10.8	0.0	0.0									
GROSS W.R.	26.3	7.7	0.0	23.4	0.0	0.0	22.6	0.0	0.0									
GRAM																		
(1)																		
(2)																		
GROSS W.R.																		
G-NUTS																		
(1)																		
(2)																		
GROSS W.R.																		
SESAME																		
(1)																		
(2)																		
GROSS W.R.																		
SUNFLOWER																		
(1)																		
(2)																		
GROSS W.R.																		
L.S.COTTON																		
(1)																		
(2)																		
GROSS W.R.																		

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (31)

1965		PROJECT - SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
(1)																			
PADDY(L.V)																25.8	19.6	90.0	64.0
GROSS W.R.																6.4	26.0	0.0	10.7
(1)																11.4	46.4	0.0	19.0
PADDY(H.Y.V)																		8.1	74.4
GROSS W.R.																		8.0	0.0
(1)																		14.3	0.0
G-NUTS														0.0	7.8	19.1	6.4	29.3	20.8
(2)														2.9	1.2	0.0	9.9	0.0	9.7
GROSS W.R.														6.1	2.6	0.0	20.6	0.0	1.4
(1)		0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)		27.2	29.3	33.5	13.8	21.7	9.2												
GROSS W.R.		56.7	61.0	69.7	28.7	45.3	19.1												
(1)		0.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)		17.5	20.0	23.8	5.1	24.0	20.1	23.1	24.7	6.7									
GROSS W.R.		36.5	41.7	49.6	10.7	50.0	41.8	48.2	51.4	13.9									
(1)					6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	12.3			
(2)					0.0	5.4	9.3	18.1	28.7	41.8	47.4	53.3	50.1	34.9	5.8	0.0			
GROSS W.R.					0.0	11.3	19.4	37.7	59.9	87.1	98.7	111.0	104.4	72.7	12.1	0.0			
(1)		0.0	0.0	0.0	17.2	0.0	0.0												
(2)		25.4	30.3	34.7	6.1	15.5	3.0												
GROSS W.R.		52.8	63.2	72.3	12.8	32.3	6.2												
(1)		0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)		26.7	30.2	35.9	15.7	35.3	28.7	31.5	31.8	22.1	10.0								
GROSS W.R.		55.6	63.0	74.9	32.6	73.5	59.8	65.6	66.2	45.9	20.8								

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (32)

CROPS	PROJECT-----SOUTH NAWIN																	
	JUL 19	JUL 20	JUL 21	JUL 22	AUG 23	AUG 24	SEP 25	SEP 26	SEP 27	SEP 28	OCT 29	NOV 30	NOV 31	NOV 32	NOV 33	NOV 34	NOV 35	NOV 36
(1) 89.1	25.2	74.7	55.2	21.6	57.3	71.8	28.0	86.6	60.4	46.6	102.1	24.8	0.0	0.0	0.0	0.0	0.0	0.8
(2) 0.0	34.6	0.0	5.2	44.2	13.4	2.6	47.5	0.0	15.0	26.7	0.0	15.8	25.8	12.0	1.4	0.0	0.0	---
GROSS W.R.	0.0	61.7	0.0	9.4	79.0	23.9	4.6	84.9	0.0	26.7	47.6	28.2	46.1	21.5	2.5	0.0	0.0	---
(1) 96.5	27.2	80.9	53.2	20.8	55.3	71.4	27.9	86.1	58.3	45.0	98.5	23.5	0.0	0.0	0.0	0.0	0.0	---
(2) 0.0	48.2	0.0	0.1	40.8	12.0	1.0	47.3	0.0	17.0	27.7	0.0	10.8	19.5	4.6	0.0	0.0	0.0	---
GROSS W.R.	0.0	86.1	0.0	0.2	72.8	21.5	1.8	84.5	0.0	30.4	49.5	19.2	34.7	8.2	0.0	0.0	0.0	---
(1) 32.3	9.1	27.1	22.5	8.8	23.4	12.0	4.7	7.2	---	---	---	---	---	---	---	---	---	---
(2) 0.0	13.5	0.0	0.0	9.5	0.0	2.7	3.9	0.0	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	0.0	28.2	0.0	0.0	19.8	0.0	5.6	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (33)

		PROJECT-----SOUTH NAWIN																	
		JAN			FEB			MAR			MAY			JUN					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
PADDY(L.V.)	(1)															9.0	33.8	41.5	76.1
	(2)															23.2	11.8	16.7	0.0
	GROSS W.R.															41.5	21.0	29.8	0.0
PADDY(H.V.V.)	(1)																15.4	37.7	69.2
	(2)																0.8	10.6	0.0
	GROSS W.R.																1.3	19.0	0.0
G-NUTS	(1)												6.6	7.3	6.5	12.6	15.5	28.4	
	(2)												0.0	1.8	7.0	3.6	3.3	0.0	
	GROSS W.R.												0.0	3.7	14.7	7.6	6.8	0.0	
GRAM	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	27.2	29.3	33.5	31.7	21.7	9.2												
	GROSS W.R.	56.7	61.0	69.7	66.0	45.3	19.1												
G-NUTS	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7									
	GROSS W.R.	36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9									
SESAME	(1)				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.3	9.5	4.3			
	(2)				1.3	5.4	9.3	18.1	28.7	41.8	47.4	53.3	50.1	17.5	6.4	0.0			
	GROSS W.R.				2.7	11.3	19.4	37.7	59.9	87.1	98.7	111.0	104.4	36.5	13.3	0.0			
SUNFLOWER	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	25.4	30.3	34.7	23.3	15.5	3.0												
	GROSS W.R.	52.8	63.2	72.3	48.6	32.3	6.2												
L.S.COTTON	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0								
	GROSS W.R.	55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	45.9	20.8								

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (34)

CROPS	1966												PROJECT--SOUTH MAWIN						
	JUL 19	JUL 20	JUL 21	JUL 22	AUG 23	AUG 24	AUG 25	SEP 26	SEP 27	OCT 28	OCT 29	OCT 30	NOV 31	NOV 32	NOV 33	NOV 34	DEC 35	DEC 36	
PADDY(L.V.)	44.8	44.6	62.9	72.5	52.9	67.5	38.0	78.4	22.0	46.6	42.4	0.0	3.3	0.0	9.9	0.0	0.0	0.0	0.0
GROSS W.R.	39.3	27.0	0.0	0.0	22.9	5.7	65.0	0.0	94.3	51.4	55.1	108.0	66.6	46.1	3.8	2.5	0.0	0.0	0.0
PADDY(H.Y.V.)	46.5	46.3	65.3	68.0	49.6	63.3	37.8	78.1	21.8	45.8	41.7	0.0	3.1	0.0	9.4	0.0	0.0	0.0	0.0
GROSS W.R.	36.3	52.1	0.0	0.0	21.3	7.2	61.8	0.0	94.5	52.7	55.4	96.0	55.6	34.7	0.0	0.0	0.0	0.0	0.0
G-NUTS	20.2	20.1	28.3	20.6	15.0	19.1	8.6	17.7	2.5	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	3.8	5.4	0.0	0.0	6.9	0.0	12.8	0.0	0.5	---	---	---	---	---	---	---	---	---	---
GRAM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (36)

CROPS	1967												PROJECT---SOUTH NAWIN											
	JUL 19	JUL 20	JUL 21	JUL 22	JUL 23	AUG 24	AUG 25	SEP 26	SEP 27	SEP 28	OCT 29	OCT 30	OCT 31	NOV 32	NOV 33	NOV 34	DEC 35	DEC 36						
(1) PADDY(L.V)	46.0	69.7	21.6	98.6	27.3	61.7	100.8	48.5	46.4	18.3	26.1	22.7	0.0	0.0	0.0	0.0	0.0	0.0						
(2) PADDY(L.V)	20.9	0.0	40.8	0.0	38.5	8.9	0.0	27.1	28.3	57.1	47.2	37.8	40.6	25.8	12.0	1.4	0.0	0.0						
GROSS W.R.	37.2	0.0	72.9	0.0	68.7	16.0	0.0	48.4	50.5	101.9	84.3	67.4	72.5	46.1	21.5	2.5	0.0	0.0						
(1) PADDY(H.V)	47.7	72.2	22.4	94.1	26.1	59.0	100.3	48.2	46.2	18.0	25.6	22.3	0.0	0.0	0.0	0.0	0.0	0.0						
(2) PADDY(H.V)	19.2	3.3	39.9	0.0	35.5	8.4	0.0	27.0	28.6	57.3	47.2	31.5	34.3	19.5	4.6	0.0	0.0	0.0						
GROSS W.R.	34.2	5.8	71.3	0.0	63.4	14.9	0.0	48.2	51.0	102.4	84.2	56.3	61.2	34.7	8.2	0.0	0.0	0.0						
(1) G-NUTS	23.0	34.8	10.8	28.7	8.0	18.0	16.1	7.7	3.7	---	---	---	---	---	---	---	---	---						
(2) G-NUTS	0.0	0.0	13.1	0.0	10.4	0.0	0.0	0.9	0.0	---	---	---	---	---	---	---	---	---						
GROSS W.R.	0.0	0.0	27.3	0.0	21.6	0.0	0.0	1.8	0.0	---	---	---	---	---	---	---	---	---						
(1) GRAH	---	---	---	---	---	---	---	---	---	---	---	2.4	4.1	0.0	0.0	0.0	0.0	0.0						
(2) GRAH	---	---	---	---	---	---	---	---	---	---	---	0.0	0.6	7.9	11.8	14.8	17.6	22.5						
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	0.0	1.2	16.6	24.6	30.8	36.7	46.8						
(1) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0						
(2) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8						
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1						
(1) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
(2) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---						
(1) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0						
(2) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9						
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9						
(1) L.S.COTTON	---	---	---	---	---	---	---	---	---	2.0	5.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0						
(2) L.S.COTTON	---	---	---	---	---	---	---	---	---	0.0	0.0	2.0	8.3	10.1	12.5	15.2	19.9	26.9						
GROSS W.R.	---	---	---	---	---	---	---	---	---	0.0	0.0	4.2	17.4	21.1	26.0	31.6	41.4	56.0						

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (37)

CROPS	PROJECT-----SOUTH NAWIN																	
	1968			JAN		FEB		MAR		APR		MAY		JUN				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	6.2	54.8	37.8	34.3
GROSS W.R.	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	26.0	0.0	20.3	40.3
PADDY(H.Y.V)	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25.5	35.2	31.9
GROSS W.R.	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	13.1	23.1
G-NUTS	(1)	---	---	---	---	---	---	---	---	---	---	---	8.5	7.2	4.1	24.4	16.9	15.3
GROSS W.R.	(2)	---	---	---	---	---	---	---	---	---	---	---	0.0	1.9	9.5	0.0	1.9	6.2
GRAM	(1)	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	27.2	22.7	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---
G-NUTS	(1)	17.5	13.8	23.8	23.2	24.0	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---
GROSS W.R.	(2)	36.5	28.8	49.6	48.4	50.0	41.8	48.2	51.4	13.9	---	---	---	---	---	---	---	---
SESAME	(1)	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	1.6	11.7	24.5	10.3	2.9	---	---	---
GROSS W.R.	(2)	---	---	---	1.3	5.4	9.3	18.1	28.7	41.8	47.4	51.6	38.4	10.4	5.6	0.7	---	---
SUNFLOWER	(1)	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	25.4	23.8	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON	(1)	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	26.7	23.7	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (38)

		PROJECT-----SOUTH NAWIN																	

1968		*****																	
CROPS		JUL	AUG	SEP	OCT	NOV	DEC												
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
PADDY(L.V)		(1) 61.8	61.8	43.1	17.6	40.7	34.0	79.7	24.6	2.5	22.3	0.8	93.8	0.0	0.7	0.0	0.0	0.0	0.0
		(2) 5.0	0.0	19.3	42.8	25.1	36.7	0.0	51.0	72.2	53.1	72.5	0.0	40.6	25.1	12.0	1.4	0.0	0.0
GROSS W.R.		9.0	0.0	34.5	76.4	44.8	65.5	0.0	91.0	129.0	94.7	129.5	0.0	72.5	44.8	21.5	2.5	0.0	0.0
PADDY(H.V)		(1) 64.3	64.3	44.8	17.1	39.4	32.9	79.3	24.5	2.5	22.0	0.8	92.3	0.0	0.7	0.0	0.0	0.0	0.0
		(2) 2.5	11.1	17.5	36.3	22.2	34.4	0.0	50.7	72.2	53.4	72.0	0.0	34.3	18.8	4.6	0.0	0.0	0.0
GROSS W.R.		4.5	19.9	31.2	64.8	39.6	61.5	0.0	90.5	129.0	95.3	128.5	0.0	61.2	33.6	8.2	0.0	0.0	0.0
G-NUTS		(1) 25.4	25.4	17.7	10.3	23.7	19.8	23.3	7.2	0.4	---	---	---	---	---	---	---	---	---
		(2) 0.0	0.0	6.2	8.2	0.0	0.0	0.0	1.4	2.3	---	---	---	---	---	---	---	---	---
GROSS W.R.		0.0	0.0	12.8	17.1	0.0	0.0	0.0	3.0	4.8	---	---	---	---	---	---	---	---	---
GRAM		(1) ---	---	---	---	---	---	---	---	---	---	0.0	9.7	0.0	0.6	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	1.3	0.0	7.9	11.1	14.8	17.6	22.5	28.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	2.8	0.0	16.6	23.2	30.8	36.7	46.8	60.3
G-NUTS		(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1
SESAME		(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER		(1) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9
L-S. COTTON		(1) ---	---	---	---	---	---	---	---	---	---	1.4	0.1	11.9	0.0	0.6	0.0	0.0	0.0
		(2) ---	---	---	---	---	---	---	---	---	---	0.0	4.0	0.0	8.3	9.5	12.5	15.2	19.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	0.0	8.3	0.0	17.4	19.8	26.0	31.6	41.4

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (39)

1969		PROJECT-----SOUTH NAWIN																	
		JAN	FEB		MAR			APL		MAY		JUN							
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	94.8	82.4	48.9	45.6
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	9.2	29.1
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	16.5	51.9
PADDY(H.V)		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.4	39.7	36.9
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	8.7	18.1
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	15.5	32.3
G-NUTS		(1)	---	---	---	---	---	---	---	---	---	---	---	0.0	0.6	30.1	26.3	15.6	14.6
GROSS W.R.		(2)	---	---	---	---	---	---	---	---	---	---	---	2.9	8.5	0.0	0.0	3.1	6.9
GROSS W.R.		(1)	---	---	---	---	---	---	---	---	---	---	---	6.1	17.7	0.0	0.0	6.5	14.5
GRAM		(1)	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	27.2	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	56.7	61.0	69.7	66.0	45.3	19.1	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9	---	---	---	---	---	---	---	---
SESAME		(1)	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	1.2	32.0	---	---	---
GROSS W.R.		(2)	---	---	---	1.3	5.4	9.3	18.1	28.7	41.8	47.4	51.7	50.1	34.9	14.7	0.0	---	---
GROSS W.R.		(1)	---	---	---	2.7	11.3	19.4	37.7	59.9	87.1	98.7	107.6	104.4	72.7	30.6	0.0	---	---
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0	0.0	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(2)	25.4	30.3	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		(1)	52.8	63.2	72.3	48.6	32.3	6.2	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.		(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0	---	---	---	---	---	---	---
GROSS W.R.		(1)	55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	45.9	20.8	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (40)

1969		PROJECT--SOUTH NAWIN																	
CROPS		JUL	AUG	SEP	OCT	NOV	DEC												
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
(1) PADDY(L.V)		23.3	66.7	83.3	81.3	82.1	33.5	104.4	9.2	81.9	20.8	0.9	15.3	20.9	0.0	0.0	0.0	0.0	0.0
(2) PADDY(L.V)		43.6	0.0	0.0	0.0	0.0	37.2	0.0	66.4	0.0	54.6	72.4	45.2	19.7	25.8	12.0	1.4	0.0	0.0
GROSS W.R.		77.8	0.0	0.0	0.0	0.0	66.4	0.0	118.6	0.0	97.5	129.3	80.6	35.1	46.1	21.5	2.5	0.0	0.0
(1) PADDY(H.V)		24.1	69.1	86.3	75.3	76.0	31.0	103.9	9.1	81.5	20.4	0.9	15.0	19.9	0.0	0.0	0.0	0.0	0.0
(2) PADDY(H.V)		42.7	6.4	0.0	0.0	0.0	36.3	0.0	66.1	0.0	54.9	71.9	38.8	14.4	19.5	4.6	0.0	0.0	0.0
GROSS W.R.		76.3	11.4	0.0	0.0	0.0	64.9	0.0	118.0	0.0	98.0	128.4	69.2	25.7	34.7	8.2	0.0	0.0	0.0
(1) G-NUTS		9.2	26.4	32.9	22.6	22.8	9.3	16.7	1.5	6.5	---	---	---	---	---	---	---	---	---
(2) G-NUTS		12.8	0.0	0.0	0.0	0.0	8.6	0.0	7.1	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.		26.7	0.0	0.0	0.0	0.0	17.9	0.0	14.9	0.0	---	---	---	---	---	---	---	---	---
(1) GRAM		---	---	---	---	---	---	---	---	---	---	0.1	4.9	18.9	0.0	0.0	0.0	0.0	0.0
(2) GRAM		---	---	---	---	---	---	---	---	---	---	1.2	0.0	0.0	11.8	14.8	17.6	22.5	28.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	2.6	0.0	0.0	24.6	30.8	36.7	46.8	60.3
(1) G-NUTS		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2) G-NUTS		---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	33.7	17.8
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1
(1) SESAME		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) SESAME		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) SUNFLOWER		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2) SUNFLOWER		---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9
(1) L.S. COTTON		---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
(2) L.S. COTTON		---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.1	12.5	15.2	19.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.1	26.0	31.6	41.4

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (41)

		PROJECT--SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
* CROPS																			
* (1)																			
* (2)																			
* GROSS W.R.																			
PADDY(L.V)																			
(1)																			
(2)																			
GROSS W.R.																			
PADDY(H.V)																			
(1)																			
(2)																			
GROSS W.R.																			
G-NUTS																			
(1)																			
(2)																			
GROSS W.R.																			
GRAM																			
(1)																			
(2)																			
GROSS W.R.																			
G-NUTS																			
(1)																			
(2)																			
GROSS W.R.																			
SESAME																			
(1)																			
(2)																			
GROSS W.R.																			
SUNFLOWER																			
(1)																			
(2)																			
GROSS W.R.																			
L.S.COTTON																			
(1)																			
(2)																			
GROSS W.R.																			

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (42)

1970	PROJECT-----SOUTH NAWIN																	
	JUL	AUG	SEP	OCT	NOV	DEC												
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
CROPS	61.2	55.8	61.3	27.4	86.3	79.0	61.3	77.5	24.5	17.3	102.1	45.7	3.6	6.9	0.0	1.5	0.0	---
(1) PADDY(L.V.)	5.6	3.9	1.1	33.1	0.0	0.0	13.1	0.0	50.2	58.1	0.0	14.8	37.0	18.9	12.0	0.0	0.0	---
GROSS W.R.	10.1	7.0	2.0	59.0	0.0	0.0	23.4	0.0	89.7	103.8	0.0	26.3	66.1	33.7	21.5	0.0	0.0	---
(1) PADDY(H.Y.V.)	63.4	57.8	63.5	25.7	81.0	74.1	61.0	77.1	24.4	17.0	100.4	45.0	3.4	6.5	0.0	0.0	---	---
GROSS W.R.	3.4	17.6	0.0	27.7	0.0	0.0	11.5	0.0	50.4	58.3	0.0	8.8	30.9	13.0	4.6	0.0	---	---
(2) PADDY(H.Y.V.)	6.1	31.5	0.0	49.4	0.0	0.0	20.5	0.0	90.0	104.2	0.0	15.7	55.2	23.2	8.2	0.0	---	---
GROSS W.R.	23.5	21.4	23.5	7.8	24.5	22.4	11.7	14.8	2.3	---	---	---	---	---	---	---	---	---
(1) G-NUTS	0.0	1.2	0.3	10.7	0.0	0.0	3.0	0.0	0.4	---	---	---	---	---	---	---	---	---
(2) G-NUTS	0.0	2.5	0.7	22.4	0.0	0.0	6.2	0.0	0.7	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) GRAM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) GRAM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) L.S.COTTON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) L.S.COTTON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (43)

1971		PROJECT-----SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
(1)																			
(2)																			
	GROSS W.R.																		
PADDY(H.Y.V)																			
(1)																			
(2)																			
	GROSS W.R.																		
G-NUTS																			
(1)																			
(2)																			
	GROSS W.R.																		
GRAH																			
(1)																			
(2)																			
	GROSS W.R.																		
G-NUTS																			
(1)																			
(2)																			
	GROSS W.R.																		
SESAME																			
(1)																			
(2)																			
	GROSS W.R.																		
SUNFLOWER																			
(1)																			
(2)																			
	GROSS W.R.																		
L-S-COTTON																			
(1)																			
(2)																			
	GROSS W.R.																		

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (44)

1971	PROJECT-----SOUTH NAWIN																		
	JUL			AUG			SEP			OCT			NOV			DEC			
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
CROPS																			
	(1)	61.2	52.3	68.1	61.8	16.2	76.5	7.2	10.8	54.0	24.4	7.2	166.4	7.9	0.0	0.0	0.0	0.0	0.0
	(2)	5.6	7.4	0.0	0.0	49.6	0.0	67.2	64.8	20.8	51.0	66.1	0.0	32.7	25.8	12.0	1.4	0.0	0.0
	GROSS W.R.	10.0	13.3	0.0	0.0	88.6	0.0	120.0	115.7	37.1	91.1	118.1	0.0	58.4	46.1	21.5	2.5	0.0	0.0
	(1)	63.7	54.4	70.8	59.7	15.6	73.9	7.2	10.7	53.7	24.0	7.0	163.5	7.3	0.0	0.0	0.0	0.0	0.0
	(2)	3.2	21.1	0.0	0.0	45.9	0.0	65.3	64.5	21.1	51.4	65.7	0.0	27.0	19.5	4.6	0.0	0.0	0.0
	GROSS W.R.	5.6	37.6	0.0	0.0	82.0	0.0	116.6	115.1	37.7	91.7	117.4	0.0	48.2	34.7	8.2	0.0	0.0	0.0
	(1)	23.1	19.7	25.7	21.9	5.7	27.1	3.1	4.6	11.5	---	---	---	---	---	---	---	---	---
	(2)	0.0	2.9	0.0	0.0	12.6	0.0	11.6	4.0	0.0	---	---	---	---	---	---	---	---	---
	GROSS W.R.	0.0	6.1	0.0	0.0	26.2	0.0	24.2	8.4	0.0	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	---	---	---	---	---	---	0.2	10.2	7.0	0.0	0.0	0.0	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	1.1	0.0	0.9	11.8	14.8	17.6	22.5	28.9
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	2.4	0.0	1.9	24.6	30.8	36.7	46.8	60.3
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.3	11.1	13.7	17.8
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.2	23.0	28.5	37.1
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.1	13.6	18.1	24.9
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.9	28.3	37.8	51.9
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	0.0	0.0	0.0
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	3.5	0.0	1.3
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7	7.3	0.0	2.7
	(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.9	0.5	12.4	7.0
	(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.3	3.5	0.0	1.3
	GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.7	7.3	0.0	2.7

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (45)

CROPS	PROJECT--SOUTH MAIN																	
	1972		JAN		FEB		MAR		APR		MAY		JUN		17		18	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	27.2	29.3	32.0	31.7	21.7	9.2								25.0	48.4	70.4	23.5
PADDY(H.Y.V)	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	56.7	61.0	66.7	66.0	45.3	19.1								7.2	0.0	0.0	51.2
G-NUTS	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	17.5	20.0	22.5	23.2	24.0	20.1	23.1	24.7	6.7					1.6	0.0	21.4	19.2
GRAM	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	36.5	41.7	46.8	48.4	50.0	41.8	48.2	51.4	13.9					1.3	9.1	0.0	0.0
G-NUTS	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	17.5	20.0	22.5	23.2	24.0	20.1	23.1	24.7	6.7					2.8	18.9	0.0	0.0
SESAME	(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	15.0	0.8	3.5	0.0	11.8	0.0
GROSS W.R.	(2)	26.7	30.2	34.5	35.1	35.3	28.7	31.5	31.8	22.1	9.3	49.3	38.3	31.4	15.9	0.0	0.0	0.0
SUNFLOWER	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	25.4	30.3	33.3	33.3	15.5	3.0											
L.S.COTTON	(1)	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	(2)	26.7	30.2	34.5	35.1	35.3	28.7	31.5	31.8	22.1	9.3	102.6	79.8	65.4	33.1	0.0	0.0	0.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (46)

1972	PROJECT--SOUTH NAWIN																	
	JUL			AUG			SEP			OCT			NOV			DEC		
	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
CROPS	16.8	39.8	55.8	52.5	53.2	46.6	26.8	4.5	45.5	14.4	7.2	15.3	4.5	0.0	44.0	0.0	0.0	---
(1)	16.8	39.8	55.8	52.5	53.2	46.6	26.8	4.5	45.5	14.4	7.2	15.3	4.5	0.0	44.0	0.0	0.0	---
PADDY(L.V)	50.0	20.0	6.6	7.9	12.6	24.1	47.6	71.1	29.2	61.0	66.1	45.2	36.1	25.8	0.0	1.4	0.0	---
GROSS W.R.	89.3	35.6	11.7	14.2	22.4	43.1	85.0	127.0	52.2	108.9	118.0	80.6	64.5	46.1	0.0	2.5	0.0	---
(1)	17.4	41.1	57.8	50.7	51.4	45.0	26.6	4.4	45.2	14.1	7.1	15.0	4.4	0.0	42.3	0.0	---	---
PADDY(H.V.V)	49.4	34.3	4.5	2.7	10.2	22.4	45.8	70.8	29.5	61.2	65.7	38.8	29.9	19.5	0.0	0.0	---	---
GROSS W.R.	88.3	61.3	8.1	4.8	18.2	40.0	81.9	126.4	52.7	109.3	117.3	69.2	53.5	34.7	0.0	0.0	---	---
(1)	10.3	24.2	34.0	18.9	19.1	16.7	10.8	1.8	9.2	---	---	---	---	---	---	---	---	---
G-NUTS	11.8	0.0	0.0	0.0	0.0	1.2	3.9	6.8	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.	24.5	0.0	0.0	0.0	0.0	2.4	8.0	14.2	0.0	---	---	---	---	---	---	---	---	---
(1)	---	---	---	---	---	---	---	---	---	---	1.1	4.9	3.1	0.0	29.9	0.0	0.0	0.0
GRAM	---	---	---	---	---	---	---	---	---	---	0.2	0.0	4.9	11.8	0.0	17.6	22.5	28.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	0.5	0.0	10.1	24.6	0.0	36.7	46.8	60.3
(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.8	0.0	0.0	0.0
G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	11.1	13.7	17.8
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	23.0	28.5	37.1
SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.0	0.0	0.0	0.0
SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	13.6	18.1	24.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	28.3	37.8	51.9
(1)	---	---	---	---	---	---	---	---	---	2.8	2.8	5.9	2.8	0.0	21.2	0.0	0.0	0.0
L.S.COTTON	---	---	---	---	---	---	---	---	---	0.0	1.3	1.1	5.5	10.1	0.0	15.2	19.9	26.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	0.0	2.6	2.2	11.5	21.1	0.0	31.6	41.4	56.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (47)

1973		PROJECT-----SOUTH NAWIN																	
		JAN	FEB	MAR	APR	MAY	JUN	JUN	JUN	JUN	JUN	JUN	JUN						
CROPS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PADDY(L.V)		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	27.2	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.			56.7	61.0	69.7	66.0	45.3	19.1	---	---	---	---	---	---	---	---	---	---	---
PADDY(H.V)		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	17.5	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---
GROSS W.R.			36.5	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9	---	---	---	---	---	---	---	---
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GRAM		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	27.2	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.			56.7	61.0	69.7	66.0	45.3	19.1	---	---	---	---	---	---	---	---	---	---	---
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SESAME		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	25.4	30.3	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.			52.8	63.2	72.3	48.6	32.3	6.2	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		(2)	26.7	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0	---	---	---	---	---	---	---
GROSS W.R.			55.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	45.9	20.8	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (48)

1973.		PROJECT-----SOUTH NAWIN																		

CROPS		JUL		AUG		SEP		OCT		NOV		DEC								
		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
PADDY(L.V)		23.2	33.7	67.4	36.7	60.2	58.0	85.1	28.4	111.2	30.1	77.2	0.0	13.3	29.3	34.2	0.0	0.0	---	
GROSS W.R.		77.9	46.5	0.0	23.7	5.5	12.6	0.0	47.2	0.0	45.3	0.0	60.5	27.4	0.0	0.0	1.4	0.0	---	
PADDY(H.V)		24.1	34.9	69.8	35.5	58.2	56.1	84.3	28.1	110.1	29.6	75.9	0.0	10.1	22.2	26.0	0.0	0.0	---	
GROSS W.R.		76.4	72.4	0.0	31.9	6.0	20.1	0.0	84.1	0.0	81.7	0.0	96.0	43.3	0.0	0.0	0.0	0.0	---	
G-NUTS		12.8	18.6	37.1	13.0	21.3	20.5	11.8	3.9	7.7	---	---	---	---	---	---	---	---	---	
GROSS W.R.		19.2	8.5	0.0	11.5	0.0	0.0	6.0	9.7	0.0	---	---	---	---	---	---	---	---	---	
GRAM		---	---	---	---	---	---	---	---	---	---	4.4	0.0	6.0	13.2	15.4	0.0	1.4	0.0	
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	0.0	4.7	2.0	0.0	0.0	17.6	21.1	28.9	
G-NUTS		---	---	---	---	---	---	---	---	---	---	0.0	9.8	4.2	0.0	0.0	36.7	43.9	60.3	
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SESAME		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
SUNFLOWER		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.8	0.0	1.3	0.0
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	13.6	16.8	24.9
L.S.COTTON		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	15.2	18.5	26.9
GROSS W.R.		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.0	31.6	38.5	56.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (51)

1975		PROJECT---SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
PADDY(L.V)	(1)															46.6	72.1	32.6	73.7
	(2)															0.0	0.0	25.6	0.9
	GROSS W.R.															0.0	0.0	45.7	1.7
PADDY(H.V)	(1)																29.0	26.2	59.2
	(2)																0.0	22.2	0.0
	GROSS W.R.																0.0	59.6	0.0
G-NUTS	(1)													7.1	1.7	14.8	22.9	10.3	23.4
	(2)													0.0	7.4	0.0	0.0	8.4	0.0
	GROSS W.R.													0.0	15.3	0.0	0.0	17.6	0.0
GRAM	(1)	5.2	16.3	0.0	0.0	0.0	0.0												
	(2)	22.0	13.0	33.5	31.7	21.7	9.2												
	GROSS W.R.	45.9	27.0	69.7	66.0	45.3	19.1												
G-NUTS	(1)	4.9	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	30.2	3.7	15.7			
	(2)	12.6	4.7	23.8	23.2	24.0	20.1	23.1	24.7	6.7									
	GROSS W.R.	26.5	9.8	49.6	48.4	50.0	41.8	48.2	51.4	13.9									
SESAME	(1)				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.4	53.3	47.7	12.2	0.0		
	(2)				1.3	5.4	9.3	18.1	28.7	41.8	47.4	53.3	47.7	4.7	12.2	0.0			
	GROSS W.R.				2.7	11.3	19.4	37.7	59.9	87.1	98.7	111.0	99.3	9.8	25.5	0.0			
SUNFLOWER	(1)	5.2	16.3	0.0	0.0	0.0	0.0												
	(2)	20.2	14.0	34.7	23.3	15.5	3.0												
	GROSS W.R.	42.0	29.2	72.3	48.6	32.3	6.2												
L.S.COTTON	(1)	5.2	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0							
	(2)	21.5	13.9	35.9	35.1	35.3	28.7	31.5	31.8	22.1	10.0								
	GROSS W.R.	44.8	28.9	74.9	73.0	73.5	59.8	65.6	66.2	45.9	20.8								

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (mm)

CROPS	1975							PROJECT--SOUTH NAWIN											
	JUL 19	JUL 20	JUL 21	JUL 22	JUL 23	AUG 24	SEP 25	SEP 26	SEP 27	OCT 28	OCT 29	NOV 30	NOV 31	NOV 32	NOV 33	NOV 34	NOV 35	NOV 36	
PADDY(L.V)	46.2	116.2	25.8	22.8	39.2	114.1	32.5	35.8	49.9	66.6	27.6	13.0	14.5	3.6	0.7	0.0	0.0	0.0	0.0
GROSS W.R.	36.8	0.0	36.6	37.6	26.6	0.0	41.9	39.8	24.8	8.8	45.7	47.5	26.1	22.2	11.3	1.4	0.0	0.0	0.0
PADDY(H.V)	49.3	124.0	27.5	22.1	38.0	110.5	32.3	35.6	49.7	65.5	27.2	12.8	13.8	3.5	0.7	0.0	0.0	0.0	0.0
GROSS W.R.	31.3	0.0	34.8	31.3	23.6	0.0	40.2	39.6	25.1	9.8	45.6	41.0	20.5	16.0	3.9	0.0	0.0	0.0	0.0
G-NUTS	16.8	42.3	9.4	7.1	12.2	35.4	8.6	9.4	6.6	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	10.8	0.0	30.2	23.8	12.8	0.0	12.8	0.0	0.0	---	---	---	---	---	---	---	---	---	---
GRAM	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
L.S.COTTON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (53)

		PROJECT - SOUTH NAWIN																	
		JAN			FEB			MAR			APR			MAY			JUN		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
CROPS																			
PADDY(L.V)		(1)														47.9	41.2	105.7	14.4
GROSS W.R.																0.0	4.4	0.0	60.2
PADDY(H.V)		(1)																	
GROSS W.R.																			
G-NUTS		(1)	0.0	0.0	1.4	0.0	0.0							7.6	0.3	15.2	14.4	37.1	5.1
GROSS W.R.														0.0	8.8	0.0	1.8	0.0	16.5
GRAM		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				0.0	18.4	0.0	3.8	0.0	34.3
GROSS W.R.																			
G-NUTS		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
GROSS W.R.																			
SESAME		(1)			0.5	0.0	0.0	0.0	0.0	0.0	0.8	4.9	5.7	32.4	0.5	16.2			
GROSS W.R.																			
SUNFLOWER		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0									
GROSS W.R.																			
L.S. COTTON		(1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6								
GROSS W.R.																			

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (54)

1976	PROJECT--SOUTH NAWIN																	
	JUL			AUG			SEP			OCT			NOV			DEC		
CROPS	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
(1) PADDY(L.V)	59.0	46.9	83.1	24.5	37.1	44.2	14.9	38.5	109.3	3.2	73.1	31.7	1.4	0.0	2.2	0.3	0.0	---
(2) PADDY(L.V)	7.9	12.8	0.0	35.9	28.7	26.5	59.4	37.0	0.0	72.1	0.3	28.8	39.2	25.8	9.9	1.1	0.0	---
GROSS W.R.	14.1	22.8	0.0	64.2	51.2	47.3	106.2	66.1	0.0	128.8	0.5	51.4	70.0	46.1	17.6	1.9	0.0	---
(1) PADDY(H.V)	63.9	50.8	89.9	23.7	35.9	42.8	14.9	38.3	108.8	3.2	71.9	31.1	1.3	0.0	2.0	0.0	---	---
(2) PADDY(H.V)	3.0	24.6	0.0	29.7	25.7	24.5	57.6	36.9	0.0	72.1	0.9	22.6	33.0	19.5	2.6	0.0	---	---
GROSS W.R.	5.3	44.0	0.0	53.0	45.8	43.8	102.8	65.8	0.0	128.8	1.6	40.4	58.9	34.7	4.6	0.0	---	---
(1) G-NUTS	21.4	17.0	30.1	12.7	19.2	22.9	2.9	7.4	10.5	---	---	---	---	---	---	---	---	---
(2) G-NUTS	0.6	5.6	0.0	5.8	0.0	0.0	11.8	1.2	0.0	---	---	---	---	---	---	---	---	---
GROSS W.R.	1.3	11.7	0.0	12.2	0.0	0.0	24.7	2.5	0.0	---	---	---	---	---	---	---	---	---
(1) GRAM	---	---	---	---	---	---	---	---	---	---	4.1	3.5	1.3	0.0	1.9	2.8	0.0	0.0
(2) GRAM	---	---	---	---	---	---	---	---	---	---	0.0	1.1	6.7	11.8	12.8	14.8	22.5	28.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	0.0	2.4	13.9	24.6	26.8	30.8	46.8	60.3
(1) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.7	2.6	0.0	0.0
(2) G-NUTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.6	8.5	13.7	17.8
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.7	17.7	28.5	37.1
(1) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(2) SESAME	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(1) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1.9	2.6	0.0	0.0
(2) SUNFLOWER	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.2	11.0	18.1	24.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13.0	22.8	37.8	51.9
(1) L.S.COTTON	---	---	---	---	---	---	---	---	---	0.2	10.0	4.3	1.3	0.0	1.9	2.7	0.0	0.0
(2) L.S.COTTON	---	---	---	---	---	---	---	---	---	1.0	0.0	2.7	7.1	10.1	10.5	12.4	19.9	26.9
GROSS W.R.	---	---	---	---	---	---	---	---	---	2.1	0.0	5.6	14.7	21.1	22.0	25.9	41.4	56.0

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

WATER REQUIREMENT (55)

CROPS	PROJECT-----SOUTH NAWIN																	
	JAN	JAN	FEB	FEB	MAR	MAR	APR	APR	MAY	MAY	JUN	JUN	JUN	JUN	JUN	JUN	JUN	JUN
(1)	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)	21.5	29.3	33.5	31.7	21.7	9.2	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	44.7	61.0	69.7	66.0	45.3	19.1	---	---	---	---	---	---	---	---	---	---	---	---
(1)	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)	12.1	20.0	23.8	23.2	24.0	20.1	23.1	24.7	6.7	---	---	---	---	---	---	---	---	---
GROSS W.R.	25.2	41.7	49.6	48.4	50.0	41.8	48.2	51.4	13.9	---	---	---	---	---	---	---	---	---
(1)	---	---	---	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)	---	---	---	1.3	5.4	9.3	18.1	28.7	41.8	31.6	53.3	50.1	34.1	0.0	0.0	0.0	0.0	0.0
GROSS W.R.	---	---	---	2.7	11.3	19.4	37.7	59.9	87.1	65.9	111.0	104.4	71.0	0.0	0.0	0.0	0.0	0.0
(1)	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)	19.6	30.3	34.7	23.3	15.5	3.0	---	---	---	---	---	---	---	---	---	---	---	---
GROSS W.R.	40.8	63.2	72.3	48.6	32.3	6.2	---	---	---	---	---	---	---	---	---	---	---	---
(1)	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(2)	20.9	30.2	35.9	35.1	35.3	28.7	31.5	31.8	22.1	0.0	---	---	---	---	---	---	---	---
GROSS W.R.	43.6	63.0	74.9	73.0	73.5	59.8	65.6	66.2	45.9	0.0	---	---	---	---	---	---	---	---

(1) EFFECTIVE RAINFALL
(2) NET WATER REQUIREMENT

MAIN PROGRAM

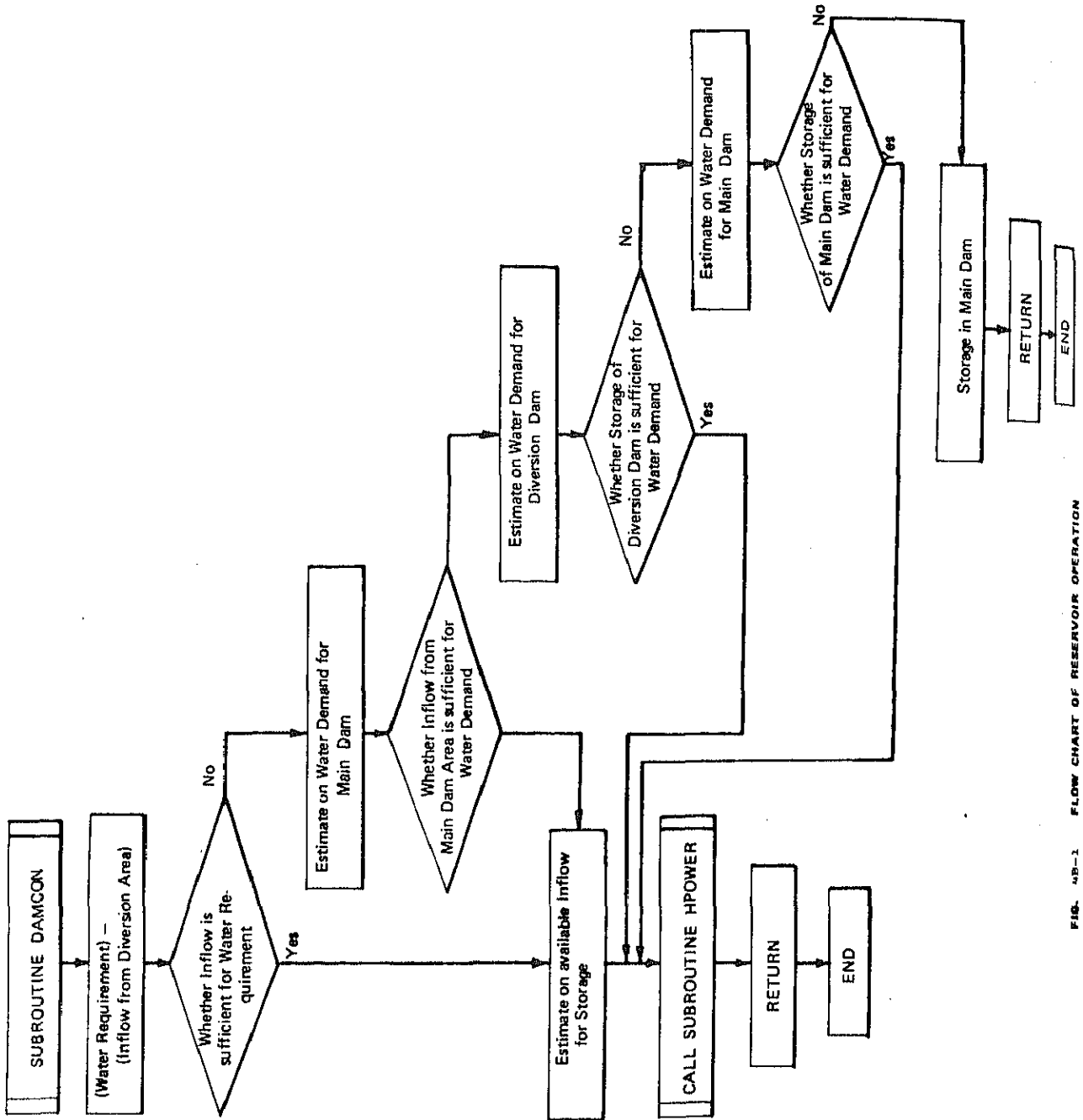
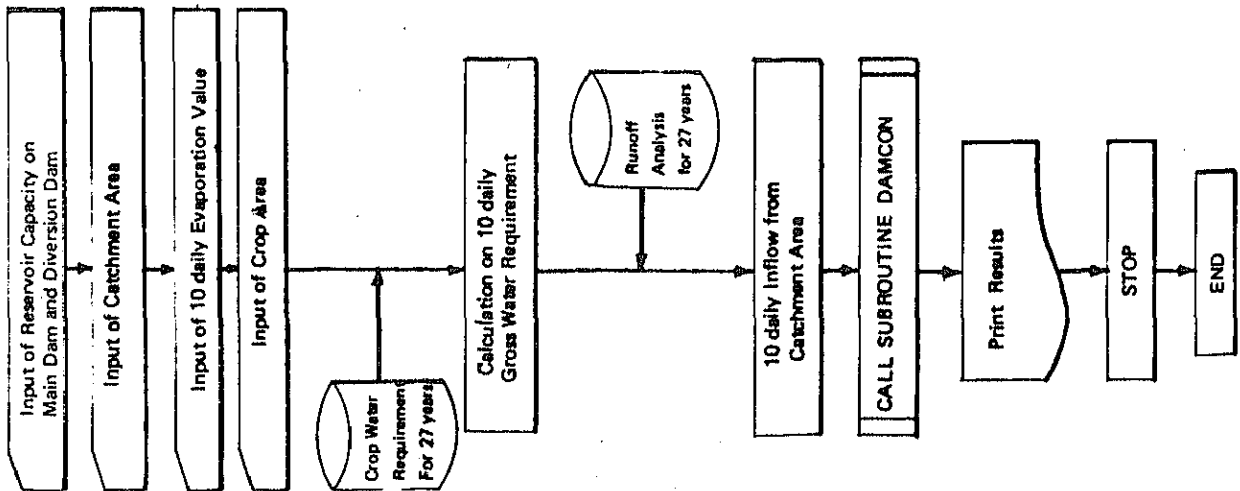


FIG. 4B-1 FLOW CHART OF RESERVOIR OPERATION

Table 4B-8

I R E S E R V O I R O P E R A T I O N I

* PROJECT --- SOUTH NAWIN
* YEAR --- 1951

UNIT : MCM

MON	T	INFLOW FROM D. AREA	WATER REQUIR.	POSSIBLE STORAGE	INFLOW FROM M. AREA	WATER REQUIR.	POSSIBLE STORAGE
	*F	0.1841	6.4512	0.0000	0.4890	6.2670	0.0000
JAN	*M	0.1830	7.1938	0.0000	0.4860	7.0108	0.0000
	*L	0.1819	0.2937	0.0000	0.4830	0.0719	0.4111
	*F	0.1811	8.0558	0.0000	0.4810	7.8746	0.0000
FEB	*M	0.1800	7.6810	0.0000	0.4780	7.5010	0.0000
	*L	0.1792	6.1080	0.0000	0.4760	5.9287	0.0000
	*F	0.1785	7.2051	0.0000	0.4740	7.0266	0.0000
MAR	*M	0.1774	9.5054	0.0000	0.4710	9.3280	0.0000
	*L	0.1766	10.1357	0.0000	0.4690	9.9601	0.0000
	*F	0.1759	9.8340	0.0000	0.4670	9.6581	0.0000
APR	*M	0.1751	10.3244	0.0000	0.4650	10.1493	0.0000
	*L	0.1743	9.1007	0.0000	0.4630	8.9263	0.0000
	*F	0.1736	7.2165	0.0000	0.4610	7.0430	0.0000
MAY	*M	0.1728	1.7041	0.0000	0.4590	1.5312	0.0000
	*L	0.1721	3.1643	0.0000	0.4570	2.9923	0.0000
	*F	0.1713	4.3506	0.0000	0.4550	4.1793	0.0000
JUN	*M	5.7497	0.0000	5.7497	15.2690	0.0000	15.2690
	*L	4.5737	11.8011	0.0000	12.1460	7.2274	4.9186
	*F	1.5224	23.4436	0.0000	4.0430	21.9211	0.0000
JUL	*M	0.3238	22.7357	0.0000	0.8600	22.4119	0.0000
	*L	5.0376	0.0000	5.0376	13.3780	0.0000	13.3780
	*F	4.8159	2.6730	2.1429	12.7890	0.0000	12.7890
AUG	*M	2.4721	17.7942	0.0000	6.5650	15.3220	0.0000
	*L	1.9449	15.6004	0.0000	5.1650	13.6555	0.0000
	*F	12.9455	0.0000	12.9455	34.3780	0.0000	34.3780
SEP	*M	5.5110	28.7162	0.0000	14.6360	23.2052	0.0000
	*L	7.1099	4.2666	2.8432	18.8810	0.0000	18.8810
	*F	8.1206	0.4120	7.7086	21.5650	0.0000	21.5650
ACT	*M	5.0493	16.8743	0.0000	13.4090	11.8250	1.5840
	*L	5.5931	0.6495	4.9436	14.8530	0.0000	14.8530
	*F	1.7755	14.7781	0.0000	4.7150	13.0026	0.0000
NOV	*M	0.1774	10.0796	0.0000	0.4710	9.9022	0.0000
	*L	0.1774	5.7996	0.0000	0.4710	5.6222	0.0000
	*F	0.1766	0.3650	0.0000	0.4690	0.1884	0.2806
DEC	*M	0.1759	3.9433	0.0000	0.4670	3.7674	0.0000
	*L	0.1751	6.6636	0.0000	0.4650	6.4885	0.0000
TOTAL		76.2643	294.8804	41.3710	202.5277	259.9873	138.3072

* I R E S E R V O I R O P E R A T I O N I (2) *

* PROJECT ----- SOUTH NAWIN
 * YEAR ----- 1952

UNIT : MCM

MON	T	INFLOW FROM D. AREA	WATER REQIR.	POSSIBLE STORAGE	INFLOW FROM M. AREA	WATER REQIR.	POSSIBLE STORAGE
JAN	*F	0.1743	6.4512	0.0000	0.4630	5.2768	0.0000
	*M	0.1732	7.1938	0.0000	0.4600	7.0205	0.0000
	*L	0.1725	8.3706	0.0000	0.4580	8.1981	0.0000
FEB	*F	0.1717	8.0358	0.0000	0.4560	7.8840	0.0000
	*M	0.1713	7.6810	0.0000	0.4550	7.5097	0.0000
	*L	0.1706	6.1080	0.0000	0.4530	5.9374	0.0000
MAR	*F	0.1698	7.2051	0.0000	0.4510	7.0353	0.0000
	*M	0.1691	9.5054	0.0000	0.4490	9.3363	0.0000
	*L	0.1683	10.1367	0.0000	0.4470	9.9683	0.0000
APR	*F	0.1679	10.0913	0.0000	0.4460	9.9234	0.0000
	*M	0.1672	10.4896	0.0000	0.4440	10.3224	0.0000
	*L	0.1668	8.8578	0.0000	0.4430	8.6910	0.0000
MAY	*F	0.1661	5.9965	0.0000	0.4410	5.8305	0.0000
	*M	0.1653	1.2846	0.0000	0.4390	1.1193	0.0000
	*L	0.1649	0.0000	0.1649	0.4380	0.0000	0.4380
JUN	*F	3.7027	0.0612	3.6415	9.8330	0.0000	9.8330
	*M	9.3764	0.0000	9.3764	24.9000	0.0000	24.9000
	*L	9.2860	7.4031	1.8829	24.6600	0.0000	24.6600
JUL	*F	8.9038	6.3335	2.5703	23.6450	0.0000	23.6450
	*M	7.9214	10.8435	0.0000	21.0360	2.9221	18.1139
	*L	14.0853	0.0000	14.0853	37.4050	0.0000	37.4050
AUG	*F	9.2894	9.8126	0.0000	24.6690	0.5232	24.1458
	*M	8.0844	5.4832	2.6012	21.4690	0.0000	21.4690
	*L	9.9736	0.0000	9.9736	26.4860	0.0000	26.4860
SEP	*F	6.5669	16.8330	0.0000	17.4390	10.2661	7.1728
	*M	6.6723	7.0068	6.6723	17.7190	0.3345	17.3845
	*L	9.1358	0.0000	22.3735	24.2610	0.0000	24.2610
OCT	*F	6.0732	18.0103	2.5962	16.1280	11.9371	4.1909
	*M	3.0840	22.4141	0.0000	8.1900	19.3301	0.0000
	*L	14.3323	0.0000	39.6779	38.0610	0.0000	38.0610
NOV	*F	8.6319	6.2690	14.4092	22.9230	0.0000	22.9230
	*M	5.4684	0.6320	8.4040	14.5220	0.0000	14.5220
	*L	1.3101	5.7996	0.0000	3.4790	4.4895	0.0000
DEC	*F	0.5942	4.1545	0.0000	1.5780	3.5603	0.0000
	*M	0.1977	5.0797	0.0000	0.5250	4.8820	0.0000
	*L	0.1969	6.6636	0.0000	0.5230	6.4667	0.0000
TOTAL		145.4259	240.2868	138.4292	386.1924	169.7645	339.6101

* I R E S E R V O I R O P E R A T I O N I (3) *

* PROJECT -----SOUTH NAWIN
* YEAR ----- 1953

UNIT : MCM

MON	T	INFLW FROM D . AREA	WATER REQIR.	POSSIBLE STORAGE	INFLW FROM M . AREA	WATER REQIR.	POSSIBLE STORAGE
	*F	0.1954	6.4512	0.0000	0.5190	6.2557	0.0000
JAN	*M	0.1943	7.1938	0.0000	0.5160	6.9985	0.0000
	*L	0.1928	7.9902	0.0000	0.5120	7.7974	0.0000
	*F	0.1917	8.0558	0.0000	0.5090	7.8641	0.0000
FEB	*M	0.1902	7.6810	0.0000	0.5050	7.4908	0.0000
	*L	0.1890	6.1080	0.0000	0.5020	5.9189	0.0000
	*F	0.1879	7.2051	0.0000	0.4990	7.0172	0.0000
MAR	*M	0.1868	9.5034	0.0000	0.4960	9.3186	0.0000
	*L	0.1856	10.1357	0.0000	0.4930	9.9510	0.0000
	*F	0.1845	10.0913	0.0000	0.4900	9.9068	0.0000
APR	*M	0.1834	9.7514	0.0000	0.4870	9.5680	0.0000
	*L	0.1826	9.0618	0.0000	0.4850	8.8792	0.0000
	*F	3.2512	0.0000	3.2512	8.6340	0.0000	8.6340
MAY	*M	1.3748	1.0579	0.3069	3.5510	0.0000	3.5510
	*L	0.1796	5.4143	0.0000	0.4770	5.2346	0.0000
	*F	0.1789	10.8007	0.0000	0.4750	10.6218	0.0000
JUN	*M	0.1777	5.5855	0.0000	0.4720	5.4078	0.0000
	*L	1.5861	4.5341	0.0000	4.2120	2.9481	1.2639
	*F	7.4495	0.0000	7.4495	19.7830	0.0000	19.7830
JUL	*M	2.9221	25.4552	0.0000	7.7600	22.5330	0.0000
	*L	7.3456	0.0000	7.3456	19.5070	0.0000	19.5070
	*F	7.8227	0.0000	7.8227	20.7740	0.0000	20.7740
AUG	*M	9.0655	0.0000	9.0655	24.0770	0.0000	24.0770
	*L	6.7454	12.0134	0.0000	17.9130	5.2681	12.6449
	*F	7.8445	0.1930	7.6515	20.8320	0.0000	20.8320
SEP	*M	4.6023	20.0796	0.0000	12.2220	15.4772	0.0000
	*L	6.8406	0.0000	6.8406	18.1660	0.0000	18.1660
	*F	5.0227	7.8765	0.0000	15.9940	1.8537	14.1403
OCT	*M	2.0865	25.4808	0.0000	5.5410	23.3943	0.0000
	*L	0.5366	15.9525	0.0000	1.4250	15.4159	0.0000
	*F	0.1868	13.1002	0.0000	0.4960	12.9134	0.0000
NOV	*M	0.1860	4.7005	0.0000	0.4940	4.5144	0.0000
	*L	0.1849	0.7038	0.0000	0.4910	0.5189	0.0000
	*F	0.1838	4.1545	0.0000	0.4880	3.9708	0.0000
DEC	*M	0.1826	5.0797	0.0000	0.4850	4.8970	0.0000
	*L	0.1819	6.6636	0.0000	0.4830	6.4817	0.0000
TOTAL		79.4037	268.0869	49.7346	210.8647	238.4178	163.4729

* I R E S E R V O I R O P E R A T I O N I (4) *

* PROJECT ----- SOUTH NAWIN
* YEAR ----- 1954

UNIT : MCM

MON	T	INFLOW FROM D . AREA	WATER REQUIR.	POSSIBLE STORAGE	INFLOW FROM M . AREA	WATER REQUIR.	POSSIBLE STORAGE
	*F	0.1807	5.4512	0.0000	0.4800	6.2704	0.0000
JAN	*M	0.1800	7.1938	0.0000	0.4780	7.0138	0.0000
	*L	0.1789	8.3706	0.0000	0.4750	8.1917	0.0000
	*F	0.1781	8.0558	0.0000	0.4730	7.8776	0.0000
FEB	*M	0.1774	7.6810	0.0000	0.4710	7.5036	0.0000
	*L	0.1766	6.1080	0.0000	0.4690	5.9314	0.0000
	*F	0.1755	7.2051	0.0000	0.4660	7.0296	0.0000
MAR	*M	0.1747	9.5054	0.0000	0.4640	9.3306	0.0000
	*L	0.1740	9.9100	0.0000	0.4620	9.7361	0.0000
	*F	0.1732	10.0913	0.0000	0.4600	9.9181	0.0000
APR	*M	0.1725	9.7903	0.0000	0.4580	9.6178	0.0000
	*L	0.1717	10.1399	0.0000	0.4560	9.9682	0.0000
	*F	0.1713	5.6582	0.0000	0.4550	5.4868	0.0000
MAY	*M	0.1706	1.4169	0.0000	0.4530	1.2464	0.0000
	*L	1.9374	0.0000	1.9374	5.1450	0.0000	5.1450
	*F	4.2793	0.0000	4.2793	11.3640	0.0000	11.3640
JUN	*M	5.6755	0.0000	5.6755	15.0720	0.0000	15.0720
	*L	5.0569	8.0670	0.0000	13.4290	3.0101	10.4188
	*F	5.1619	4.8737	0.2882	13.7080	0.0000	13.7080
JUL	*M	7.1208	0.0000	7.1208	18.9100	0.0000	18.9100
	*L	3.5111	17.3852	0.0000	9.3240	13.8741	0.0000
	*F	6.4087	0.0000	6.4087	17.0190	0.0000	17.0190
AUG	*M	4.3271	13.5187	0.0000	11.4910	9.1917	2.2993
	*L	3.1243	15.4067	0.0000	8.2970	12.2823	0.0000
	*F	3.6029	13.6891	0.0000	9.5680	10.0862	0.0000
SEP	*M	11.1451	0.0000	11.1451	29.5970	0.0000	29.5970
	*L	10.8190	2.9081	7.9109	28.7310	0.0000	28.7310
	*F	12.9586	0.0000	12.9586	34.4130	0.0000	34.4130
OCT	*M	6.2573	25.3635	0.0000	16.6170	19.1062	0.0000
	*L	9.2623	0.0243	9.2380	24.5970	0.0000	24.5970
	*F	4.3410	12.9472	0.0000	11.5280	8.6052	2.9218
NOV	*M	0.9150	10.0796	0.0000	2.4300	9.1646	0.0000
	*L	0.4071	5.7996	0.0000	1.0810	5.3925	0.0000
	*F	0.1883	4.1545	0.0000	0.5000	3.9663	0.0000
DEC	*M	0.1875	5.0797	0.0000	0.4980	4.8921	0.0000
	*L	0.1864	6.5636	0.0000	0.4950	6.4772	0.0000
TOTAL		109.3287	253.5377	66.9626	290.3325	211.1715	214.1957

I R E S E R V O I R O P E R A T I O N I (5)

PROJECT -----SOUTH MAWIN
 YEAR ----- 1955

UNIT : MCM

MON	T	INFLOW FROM D. AREA	WATER REQUIR.	POSSIBLE STORAGE	INFLOW FROM W. AREA	WATER REQUIR.	POSSIBLE STORAGE
JAN	0F	0.1855	6.4512	0.0000	0.4930	6.2655	0.0000
	0M	0.1845	7.1338	0.0000	0.4900	7.0092	0.0000
	0L	0.1834	8.3706	0.0000	0.4870	8.1872	0.0000
FEB	0F	0.1823	8.0558	0.0000	0.4840	7.8735	0.0000
	0M	0.1815	7.6810	0.0000	0.4820	7.4995	0.0000
	0L	0.1804	6.1080	0.0000	0.4790	5.9276	0.0000
MAR	0F	0.1796	7.2051	0.0000	0.4770	7.0255	0.0000
	0M	0.1785	9.5054	0.0000	0.4740	9.3269	0.0000
	0L	0.1777	10.1367	0.0000	0.4720	9.9589	0.0000
APR	0F	0.1766	8.2022	0.0000	0.4690	8.0256	0.0000
	0M	0.1759	10.7809	0.0000	0.4670	10.6051	0.0000
	0L	0.1751	10.1399	0.0000	0.4650	9.9648	0.0000
MAY	0F	0.1743	6.1330	0.0000	0.4630	5.9586	0.0000
	0M	2.4070	0.0000	2.4070	6.3920	0.0000	6.3920
	0L	5.3058	0.0892	5.2165	14.0900	0.0000	14.0900
JUN	0F	4.2804	2.8794	1.4010	11.3670	0.0000	11.3670
	0M	7.1893	0.0000	7.1893	19.0920	0.0000	19.0920
	0L	9.9074	0.0000	9.9074	26.3100	0.0000	26.3100
JUL	0F	6.5398	13.1899	0.0000	17.3670	6.6501	10.7168
	0M	6.9438	3.8207	3.1231	18.4400	0.0000	18.4400
	0L	9.2800	0.0000	9.2800	24.6440	0.0000	24.6440
AUG	0F	6.8380	7.2250	0.0000	18.1590	0.3871	17.7719
	0M	6.1157	6.5839	0.0000	16.2410	0.4681	15.7728
	0L	5.1525	10.9200	0.0000	13.6830	5.7675	7.9155
SEP	0F	5.4767	6.6973	0.0000	14.5440	1.2206	13.3234
	0M	4.0936	15.2366	0.0000	10.8710	11.1430	0.0000
	0L	4.4502	9.1221	0.0000	11.8180	4.6719	7.1461
OCT	0F	2.7741	18.5736	0.0000	7.3670	15.7995	0.0000
	0M	3.2516	10.0517	0.0000	8.6350	6.6001	1.8349
	0L	4.1546	0.7964	3.3582	11.0330	0.0000	11.0330
NOV	0F	1.9276	9.1869	0.0000	5.1190	7.2592	0.0000
	0M	2.1050	0.0000	2.1050	5.5900	0.0000	5.5900
	0L	0.1868	5.7996	0.0000	0.4960	5.6128	0.0000
DEC	0F	0.1860	4.1545	0.0000	0.4940	3.9685	0.0000
	0M	0.1849	5.0797	0.0000	0.4910	4.8948	0.0000
	0L	0.1838	6.6636	0.0000	0.4880	6.4799	0.0000
TOTAL		101.2699	242.0334	43.9874	268.9319	184.7509	211.4393

* I R E S E R V O I R O P E R A T I O N I (6) *

* PROJECT ----- SOUTH MAHIN
* YEAR ----- 1956

UNIT : MCM

MON	T	INFLW FROM D . AREA	WATER REQIR.	POSSIBLE STORAGE	INFLW FROM M . AREA	WATER REQIR.	POSSIBLE STORAGE
	*F	0.1826	6.4512	0.0000	0.4850	6.2685	0.0000
JAN	*M	0.1819	7.1938	0.0000	0.4830	7.0119	0.0000
	*L	0.1807	8.3706	0.0000	0.4800	8.1898	0.0000
	*F	0.1800	8.0558	0.0000	0.4780	7.8758	0.0000
FEB	*M	0.1789	7.5394	0.0000	0.4750	7.3605	0.0000
	*L	0.1781	6.1080	0.0000	0.4730	5.9299	0.0000
	*F	0.1774	7.2051	0.0000	0.4710	7.0277	0.0000
MAR	*M	0.1762	9.5054	0.0000	0.4680	9.3291	0.0000
	*L	0.1755	10.1367	0.0000	0.4660	9.9612	0.0000
	*F	0.1747	10.0913	0.0000	0.4640	9.9166	0.0000
APR	*M	0.1740	10.7809	0.0000	0.4620	10.6070	0.0000
	*L	0.1732	8.0031	0.0000	0.4600	7.8299	0.0000
	*F	0.1725	5.3295	0.0000	0.4580	5.1571	0.0000
MAY	*M	4.8776	0.0000	4.8776	12.9530	0.0000	12.9530
	*L	4.6174	1.5847	3.0327	12.2620	0.0000	12.2620
	*F	6.0032	0.0000	6.0032	15.9420	0.0000	15.9420
JUN	*M	4.8106	4.8525	0.0000	12.7750	0.0419	12.7331
	*L	3.7863	10.8301	0.0000	10.0550	7.0438	3.0112
	*F	2.7700	15.6119	0.0000	7.3550	12.8419	0.0000
JUL	*M	4.0861	7.6208	0.0000	10.8510	3.5347	7.3163
	*L	10.2071	0.0000	10.2071	27.1060	0.0000	27.1060
	*F	5.3393	16.2342	0.0000	14.1790	10.8949	3.2841
AUG	*M	5.1853	5.8405	0.0000	13.7700	0.6552	13.1148
	*L	5.1725	7.2253	0.0000	13.7360	2.0529	11.6831
	*F	2.5222	21.7932	0.0000	6.6980	19.2710	0.0000
SEP	*M	5.6910	0.0000	5.6910	15.1130	0.0000	15.1130
	*L	4.7963	11.4887	0.0000	12.7370	6.6925	6.0445
	*F	3.0965	17.6797	0.0000	8.2230	14.5832	0.0000
OCT	*M	6.1666	0.0000	6.1666	16.3760	0.0000	16.3760
	*L	2.7896	16.3478	0.0000	7.4080	13.5583	0.0000
	*F	0.1796	15.2455	0.0000	0.4770	15.0658	0.0000
NOV	*M	0.1792	10.0796	0.0000	0.4760	9.9004	0.0000
	*L	0.1781	5.7995	0.0000	0.4730	5.6215	0.0000
	*F	0.1774	4.1545	0.0000	0.4710	3.9772	0.0000
DEC	*M	0.1762	5.0797	0.0000	0.4680	4.9034	0.0000
	*L	0.1755	6.6636	0.0000	0.4660	6.4881	0.0000
TOTAL		85.2889	288.9019	35.9781	226.4937	239.5914	156.9389